

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120979.D
 Acq On : 23 Jul 2020 13:37
 Operator : JU/CG
 Sample : PB130373BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BSD

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:12:13 PM

Quant Time: Jul 23 16:30:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	196418	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	762183	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	408223	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	762504	20.00	ng	0.00
76) Chrysene-d12	13.97	240	554730	20.00	ng	0.00
86) Perylene-d12	15.42	264	537644	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1391813	116.16	ng	0.02
7) Phenol-d6	6.45	99	1724707	111.44	ng	0.00
23) Nitrobenzene-d5	7.38	82	1143318	86.80	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	527064	117.95	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2002094	73.22	ng	0.00
79) Terphenyl-d14	12.92	244	2127987	83.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	208886	37.881	ng	100
3) Pyridine	3.36	79	580338	39.563	ng	99
4) n-Nitrosodimethylamine	3.32	42	267855	42.703	ng	96
6) Aniline	6.48	93	735907	36.426	ng	98
8) 2-Chlorophenol	6.60	128	600024	45.459	ng	99
9) Benzaldehyde	6.36	77	242914	30.307	ng	99
10) Phenol	6.47	94	679192	39.894	ng	80
11) bis(2-Chloroethyl)ether	6.55	93	558001	42.766	ng	99
12) 1,3-Dichlorobenzene	6.76	146	593279	41.452	ng	98
13) 1,4-Dichlorobenzene	6.83	146	591792	41.582	ng	98
14) 1,2-Dichlorobenzene	6.99	146	530029	39.367	ng	99
15) Benzyl Alcohol	6.96	79	418642	38.249	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	783916	41.683	ng	98
17) 2-Methylphenol	7.07	107	467920	39.997	ng	98
18) Hexachloroethane	7.33	117	228306	44.322	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	363481	41.301	ng	98
20) 3+4-Methylphenols	7.22	107	500602	33.638	ng	93
22) Acetophenone	7.23	105	692170	40.464	ng	# 93
24) Nitrobenzene	7.40	77	590129	41.567	ng	100
25) Isophorone	7.64	82	1109104	42.189	ng	99
26) 2-Nitrophenol	7.72	139	322686	47.858	ng	98
27) 2,4-Dimethylphenol	7.75	122	497677	45.461	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	711802	44.357	ng	100
29) 2,4-Dichlorophenol	7.96	162	495649	44.307	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	526371	42.411	ng	98
31) Naphthalene	8.12	128	1620814	41.457	ng	99
32) Benzoic acid	7.89	122	393321	47.862	ng	98
33) 4-Chloroaniline	8.17	127	603082	34.579	ng	99
34) Hexachlorobutadiene	8.24	225	304877	41.670	ng	99
35) Caprolactam	8.55	113	158903m	44.295	ng	
36) 4-Chloro-3-methylphenol	8.66	107	514719	44.864	ng	96
37) 2-Methylnaphthalene	8.81	142	1109902	43.722	ng	99
38) 1-Methylnaphthalene	8.91	142	1046556	43.529	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	466105	39.189	ng	99

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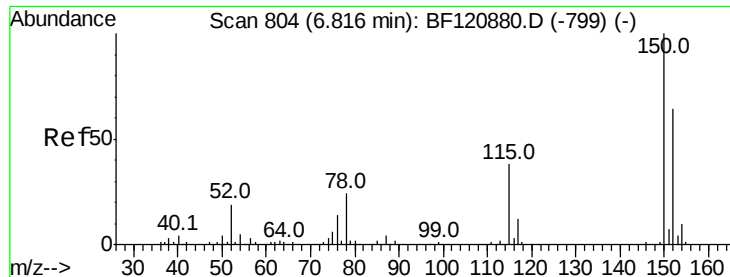
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	517633	78.745	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	366497	43.764	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	388180	40.864	nq	99
46) 1,1'-Biphenyl	9.27	154	1276666	40.999	nq	99
47) 2-Chloronaphthalene	9.30	162	1019840	40.170	nq	100
48) 2-Nitroaniline	9.40	65	328920	42.871	nq	92
49) Acenaphthylene	9.72	152	1609870	40.817	nq	99
50) Dimethylphthalate	9.58	163	1264775	42.945	nq	99
51) 2,6-Dinitrotoluene	9.64	165	284144	44.908	nq	93
52) Acenaphthene	9.89	154	1128009m	44.985	nq	
53) 3-Nitroaniline	9.81	138	270185	34.048	nq	98
54) 2,4-Dinitrophenol	9.92	184	310654	84.846	nq	89
55) Dibenzofuran	10.06	168	1443850	39.818	nq	99
56) 4-Nitrophenol	9.97	139	495916	82.269	nq	99
57) 2,4-Dinitrotoluene	10.05	165	377895	45.480	nq	98
58) Fluorene	10.40	166	1017207	37.612	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	336695	46.552	nq	96
60) Diethylphthalate	10.28	149	1279326	42.947	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	508058	35.221	nq	99
62) 4-Nitroaniline	10.43	138	313229	40.522	nq	98
63) Azobenzene	10.56	77	1171955	41.325	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	204633	46.500	nq	96
66) n-Nitrosodiphenylamine	10.52	169	1038078	43.277	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	360968	42.460	nq	98
68) Hexachlorobenzene	10.95	284	398459	43.329	nq	97
69) Atrazine	11.05	200	300057	50.510	nq	98
70) Pentachlorophenol	11.15	266	445347	84.532	nq	99
71) Phenanthrene	11.36	178	1584575	40.407	nq	99
72) Anthracene	11.42	178	1625364	41.276	nq	99
73) Carbazole	11.57	167	1556750	39.836	nq	99
74) Di-n-butylphthalate	11.90	149	1912049	42.398	nq	99
75) Fluoranthene	12.55	202	1747504	40.202	nq	98
77) Benzidine	12.67	184	864066	59.244	nq	99
78) Pyrene	12.78	202	1761222	44.907	nq	99
80) Butylbenzylphthalate	13.40	149	814998	46.615	nq	98
81) Benzo(a)anthracene	13.97	228	1327298	39.513	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	543001	42.846	nq	99
83) Chrysene	14.00	228	1483003	42.010	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	951220	44.121	nq	# 100
85) Di-n-octyl phthalate	14.57	149	1870154	43.601	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1454879	38.910	nq	99
88) Benzo(b)fluoranthene	15.00	252	1518607	46.728	nq	100
89) Benzo(k)fluoranthene	15.03	252	1384071	46.698	nq	100
90) Benzo(a)pyrene	15.36	252	1293766	43.634	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	1228644	40.227	nq	97
92) Benzo(g,h,i)perylene	17.28	276	1124538	37.341	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

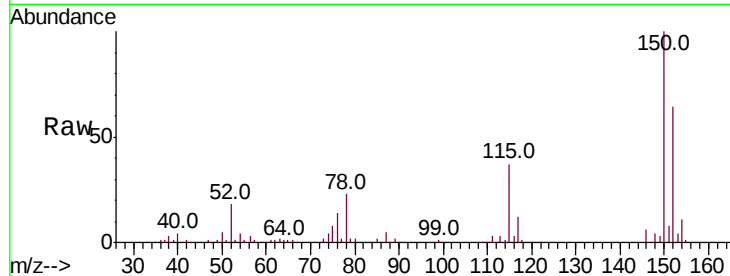
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.0	187.6
115	57.5	47.0	70.4

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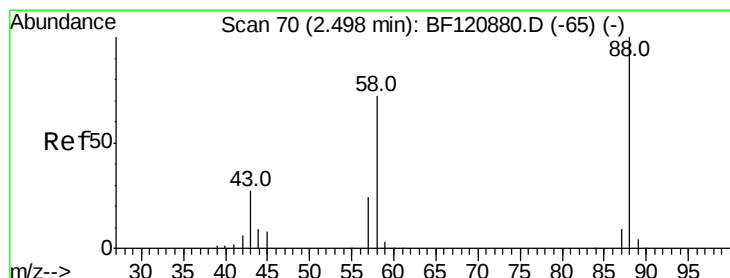
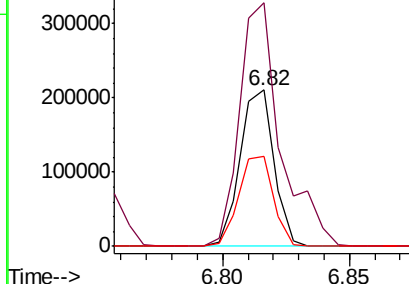
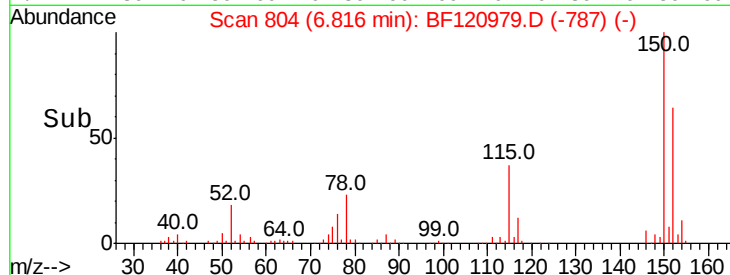


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

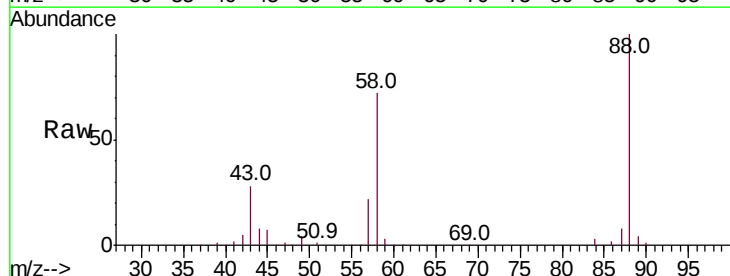
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.881 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.13 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	58.2	87.2
43	27.5	22.1	33.1

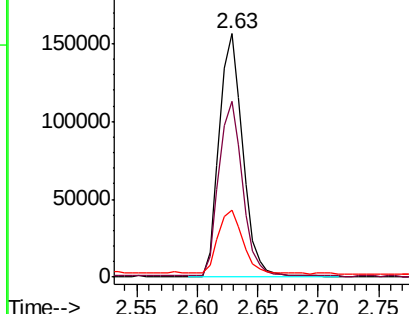
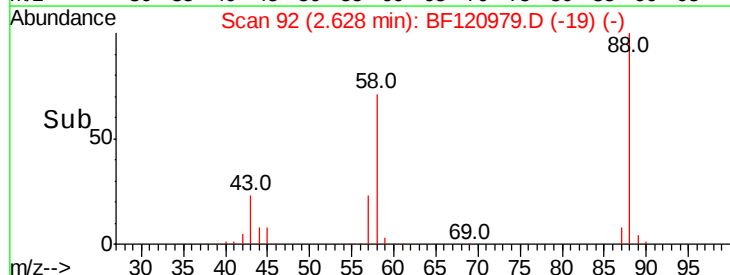


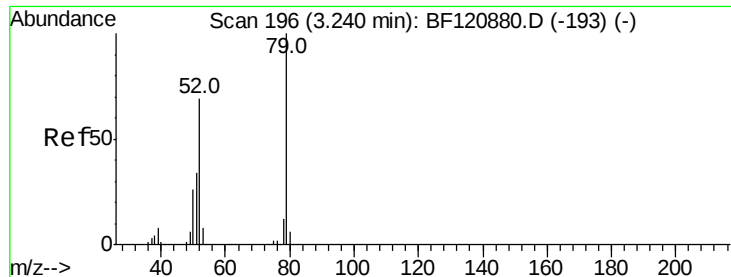
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





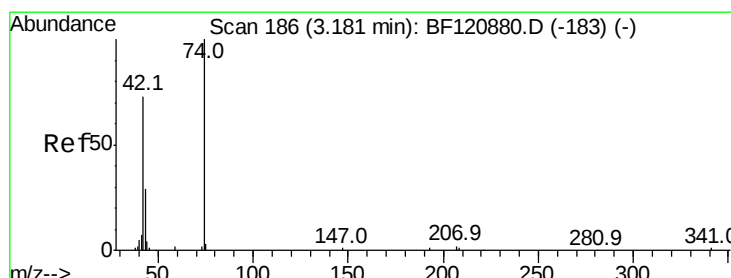
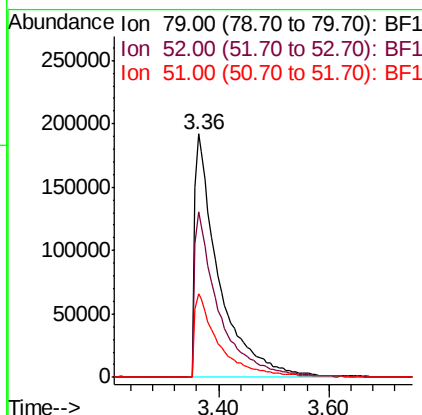
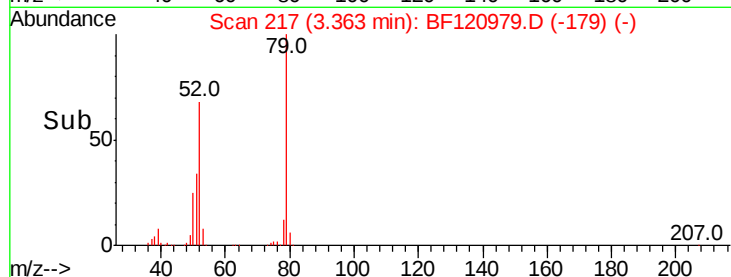
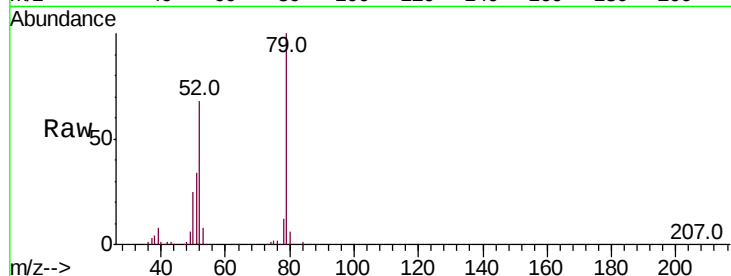
#3
Pvridine
Concen: 39.563 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.12 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.2	55.0	82.6
51	34.3	26.9	40.3

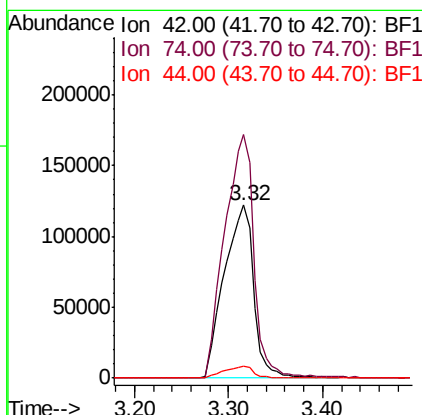
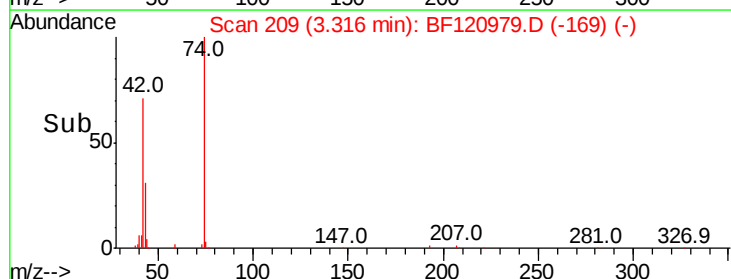
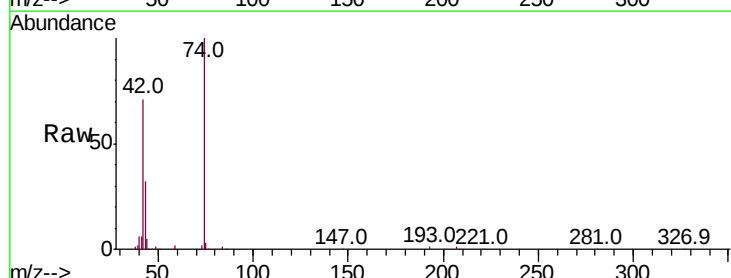
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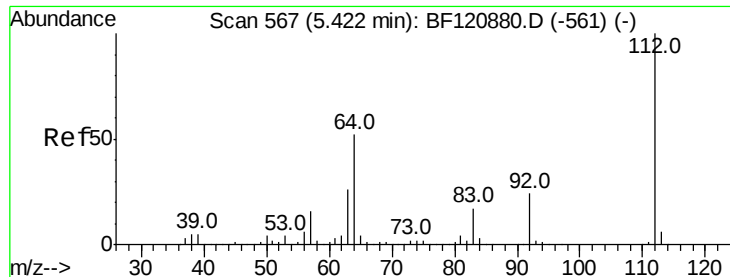
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#4
n-Nitrosodimethylamine
Concen: 42.703 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.14 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.8	108.7	163.1
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 116.164 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

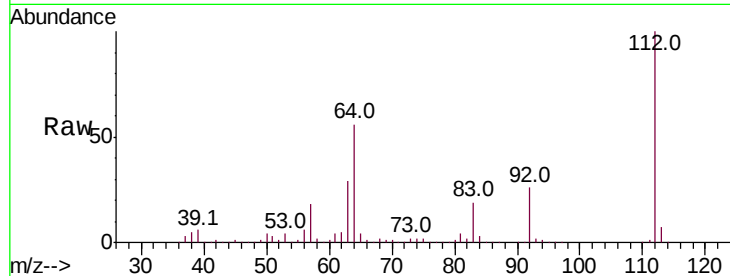
ClientSampleId :

PB130373BSD

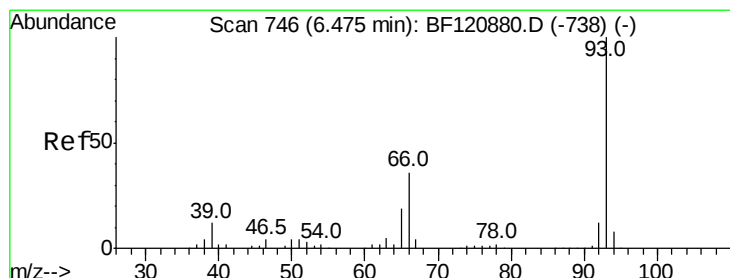
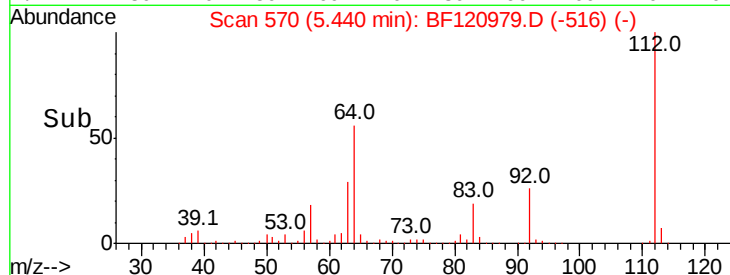
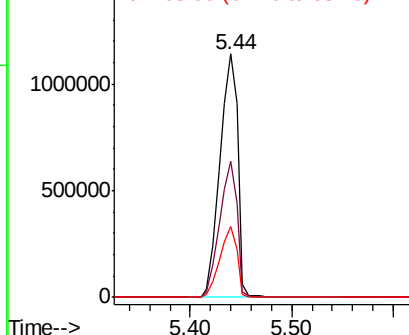
Tot Ion:	112	Resp:	1391813
Ion Ratio	Lower	Upper	
112	100		
64	55.8	41.3	61.9
63	29.2	21.1	31.7

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.426 ng

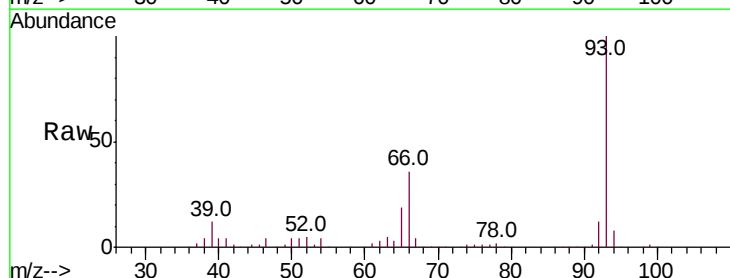
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

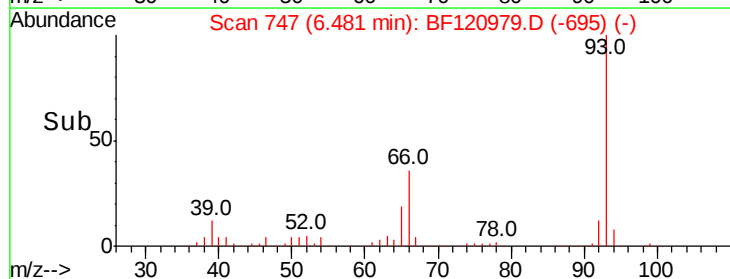
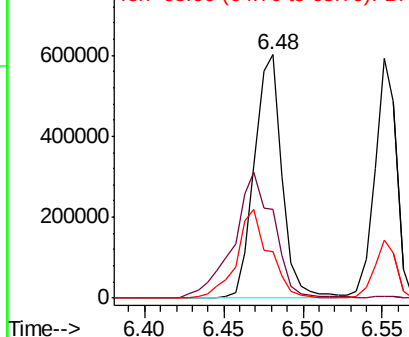
Lab File: BF120979.D

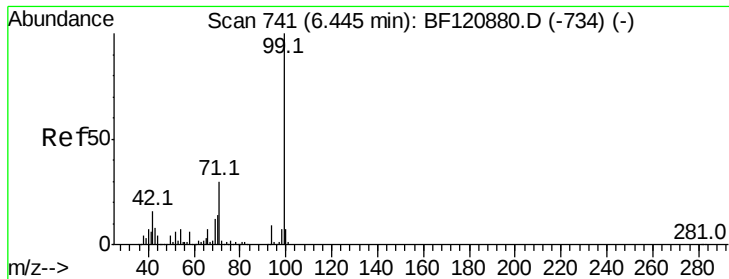
Acq: 23 Jul 2020 13:37

Tgt Ion:	93	Resp:	735907
Ion Ratio	Lower	Upper	
93	100		
66	36.3	30.2	45.4
65	19.1	15.8	23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.437 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130373BSD

Tot Ion: 99 Resp: 1724707

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

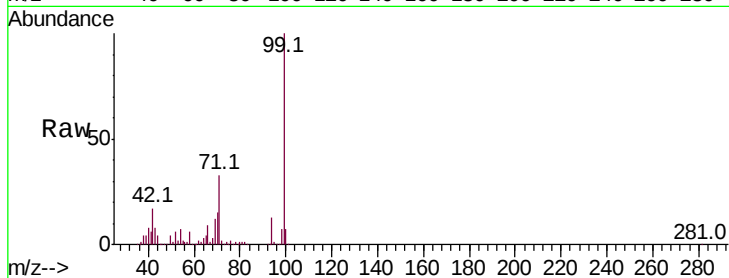
71 32.8 24.2 36.4

Manual Integrations

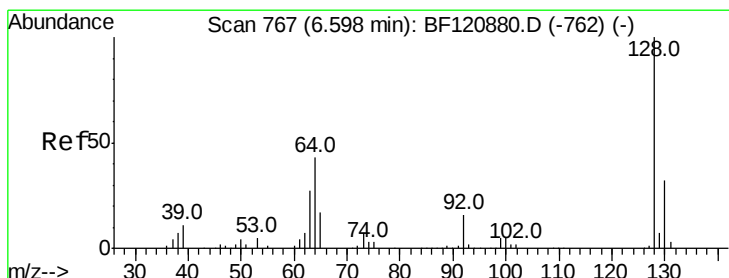
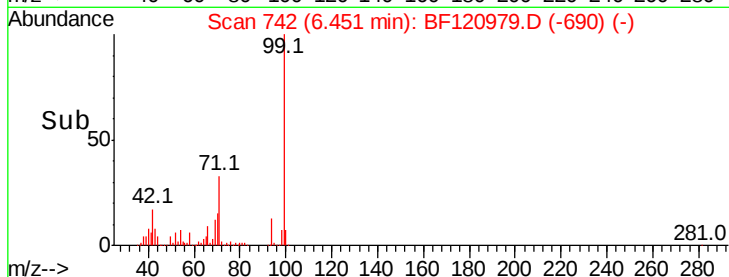
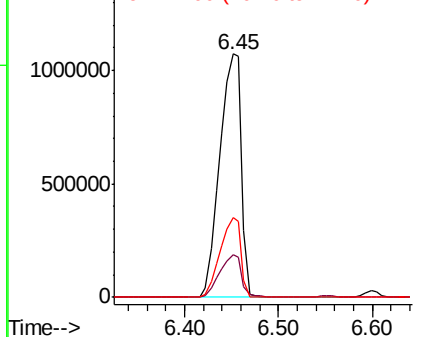
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.459 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

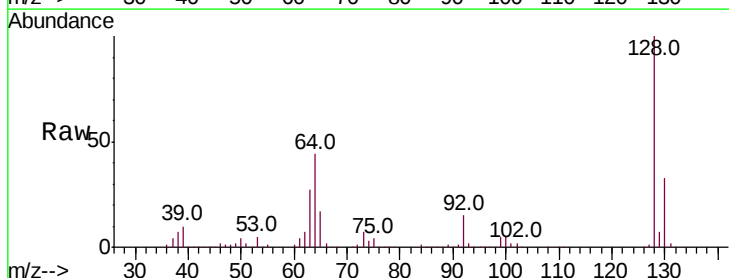
Tgt Ion: 128 Resp: 600024

Ion Ratio Lower Upper

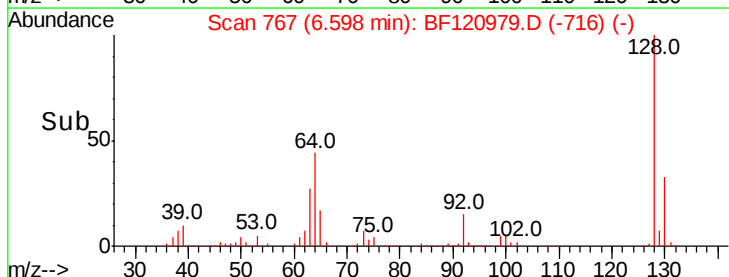
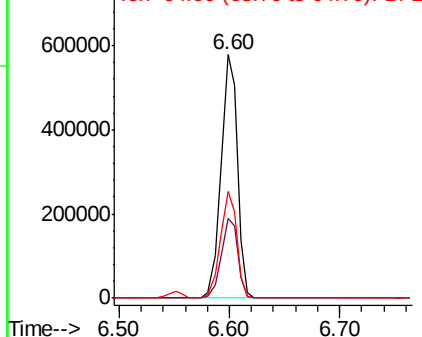
128 100

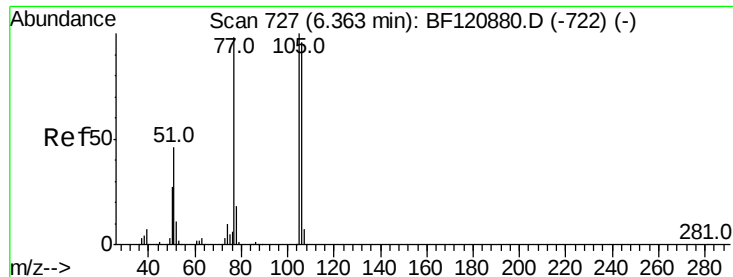
130 32.9 12.1 52.1

64 43.6 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.307 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

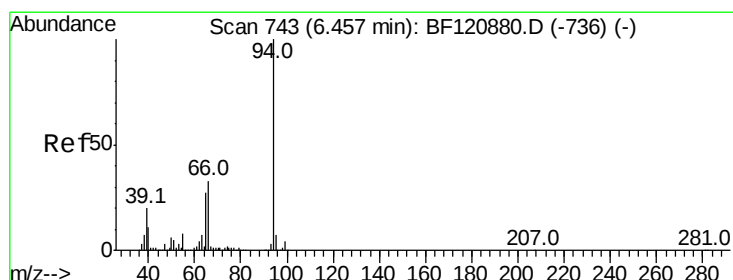
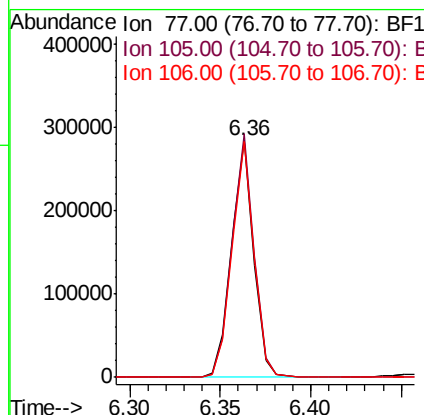
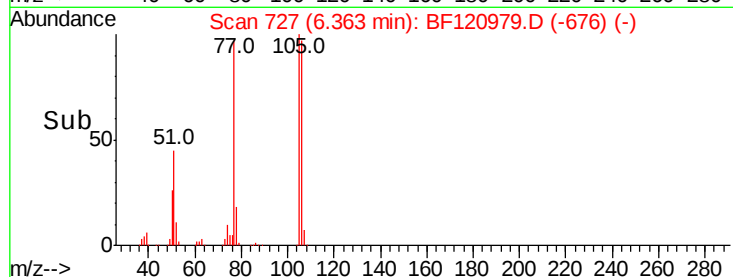
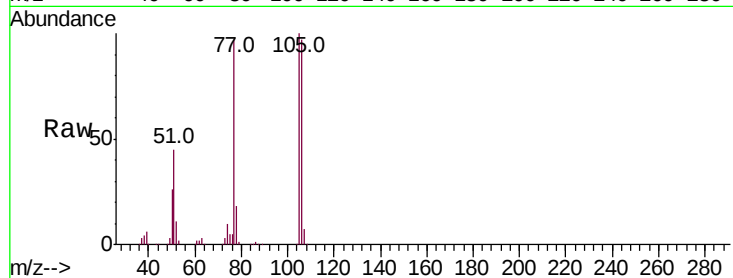
ClientSampleId :

PB130373BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.8	82.5	122.5
106	99.8	78.7	118.7

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#10

Phenol

Concen: 39.894 ng

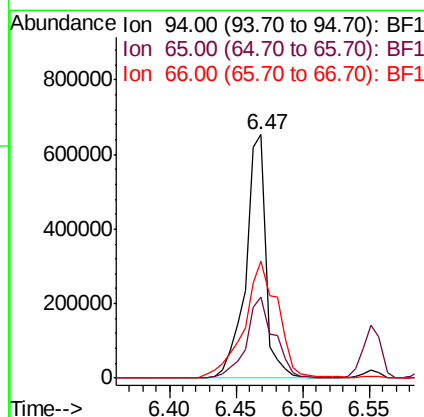
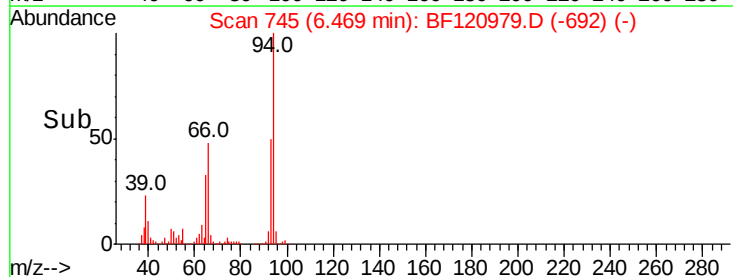
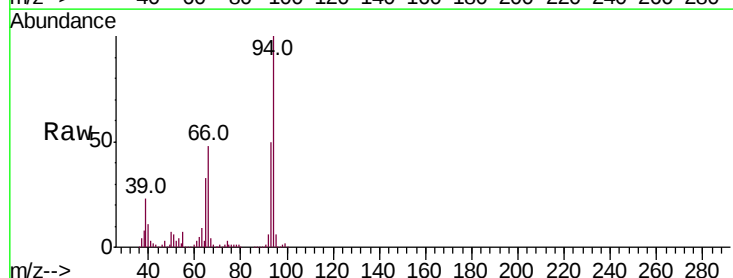
RT: 6.47 min Scan# 745

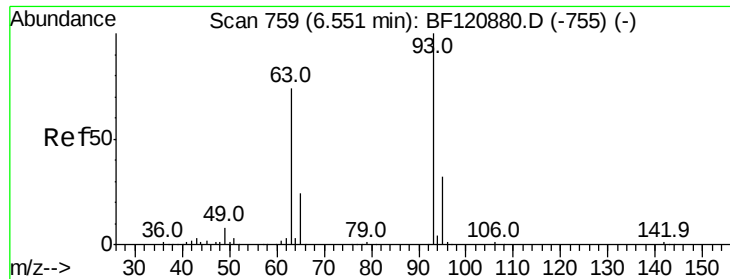
Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.5	6.6	46.6
66	47.9	13.2	53.2





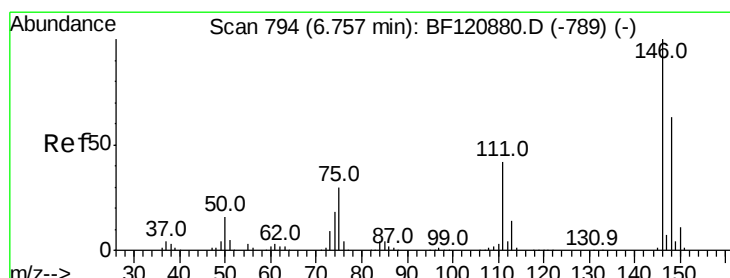
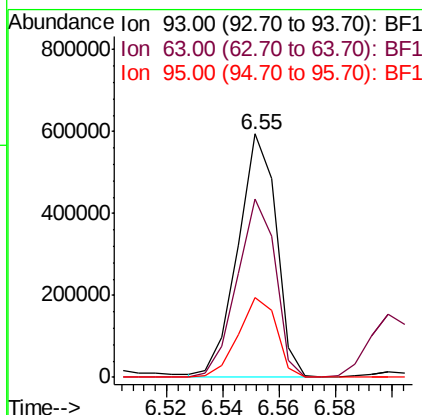
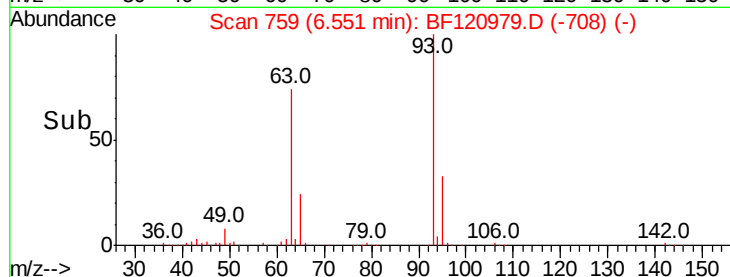
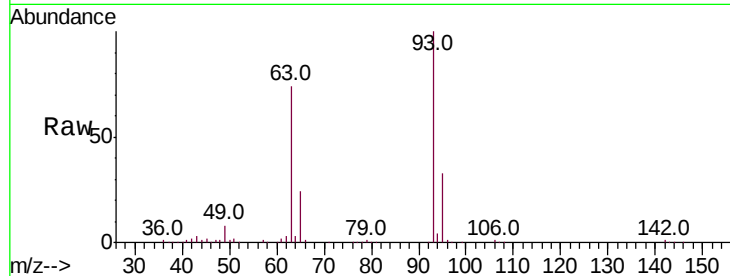
#11
bis(2-Chloroethyl)ether
Concen: 42.766 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	558001		
63	73.5		54.2	94.2
95	32.5		12.2	52.2

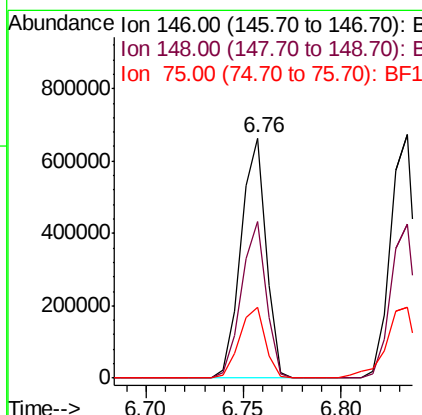
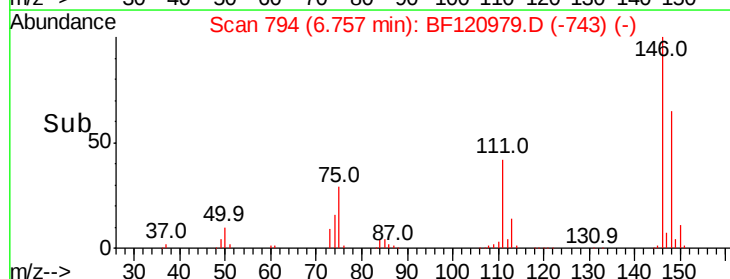
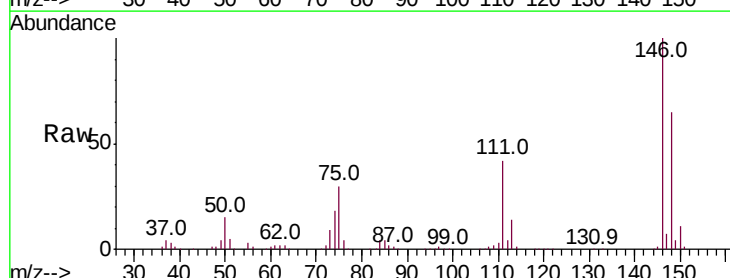
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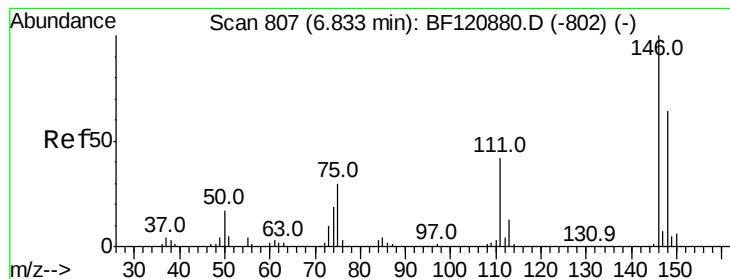
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.452 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	593279		
148	65.1		50.6	75.8
75	29.5		24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 41.582 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

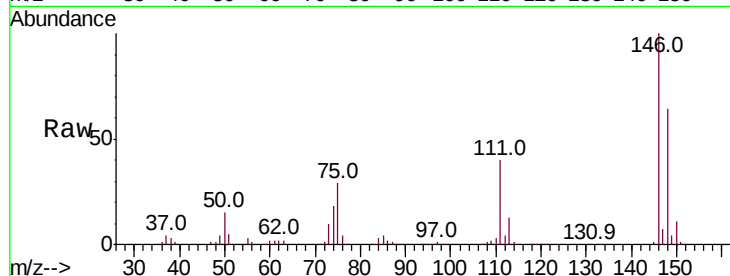
ClientSampleId :

PB130373BSD

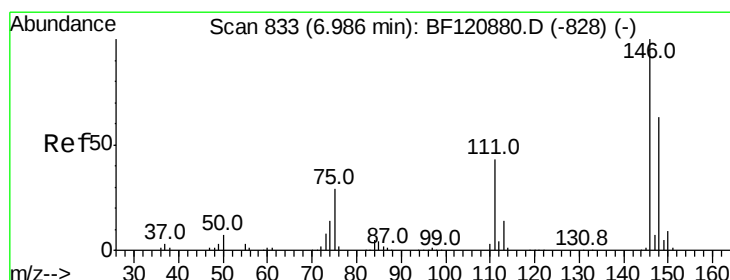
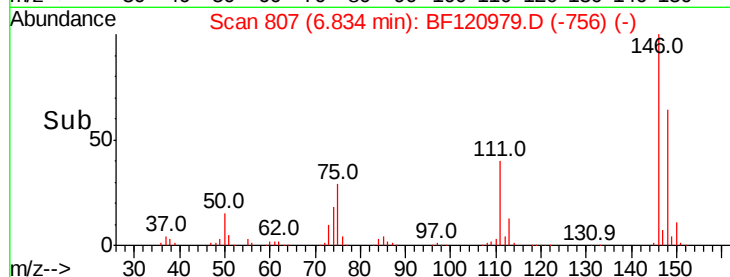
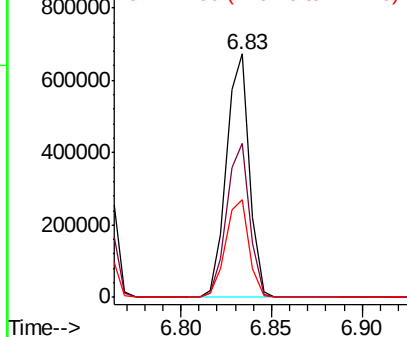
Tot Ion:	146	Resp:	591792
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.6	77.4
111	40.2	33.5	50.3

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.367 ng

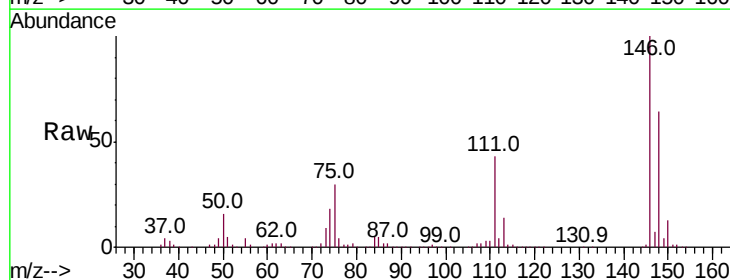
RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

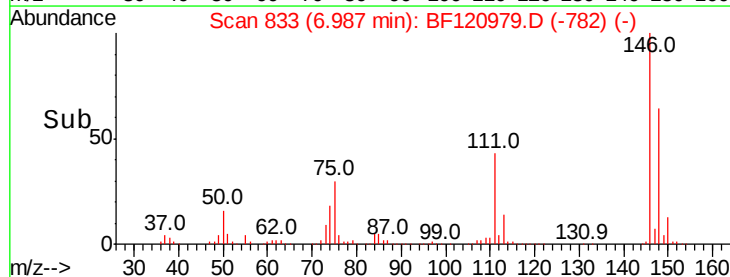
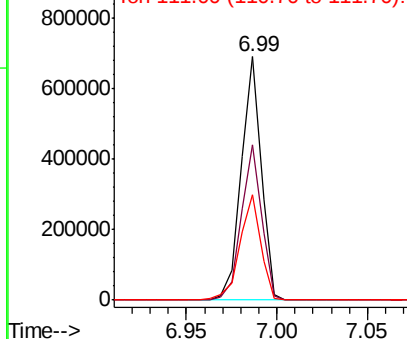
Lab File: BF120979.D

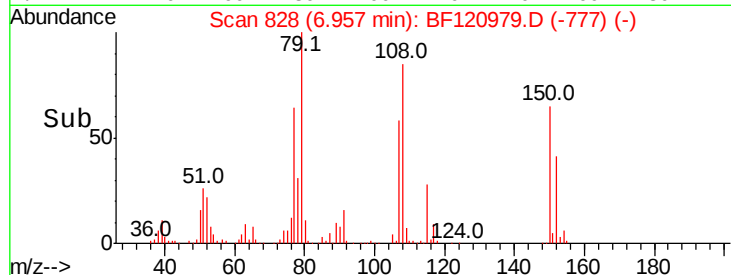
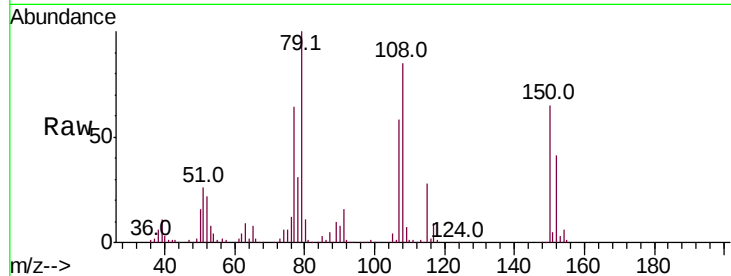
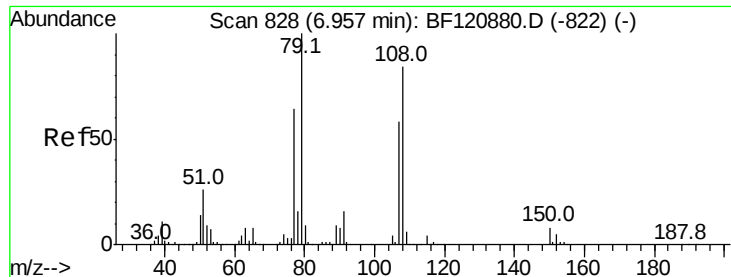
Acq: 23 Jul 2020 13:37

Tgt Ion:	146	Resp:	530029
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	76.0
111	43.1	34.2	51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.249 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Tot Ion:	79	Resp:	418642
Ion Ratio	Lower	Upper	
79	100		
108	84.9	67.0	100.6
77	64.2	51.0	76.4

Instrument :

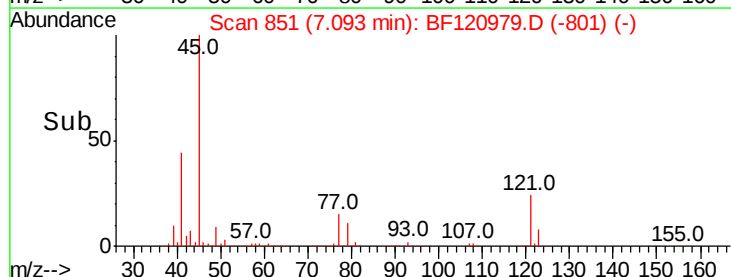
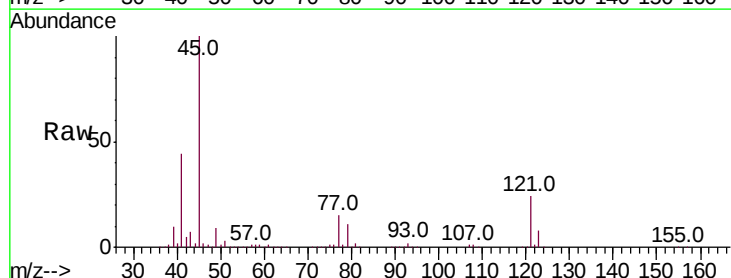
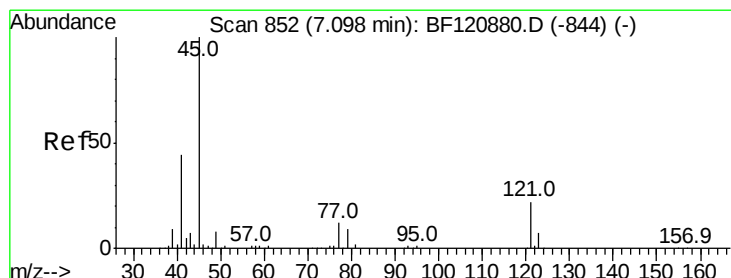
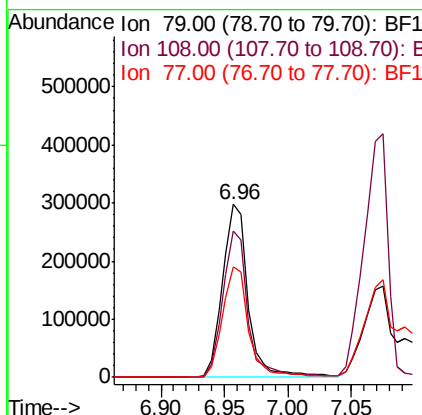
BNA_F

ClientSampled :

PB130373BSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.683 ng

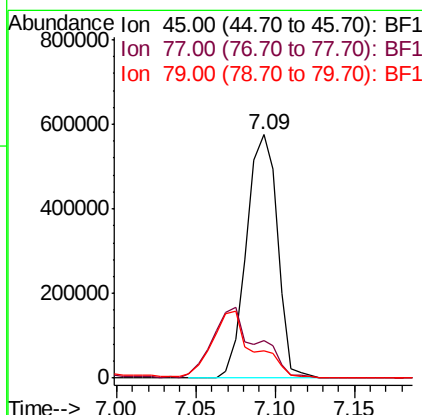
RT: 7.09 min Scan# 851

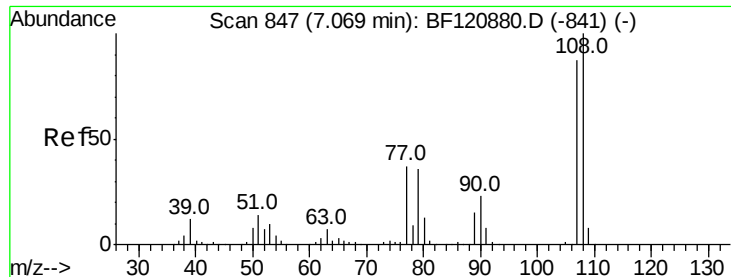
Delta R.T. -0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Tgt Ion:	45	Resp:	783916
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	34.3
79	11.4	0.0	31.0





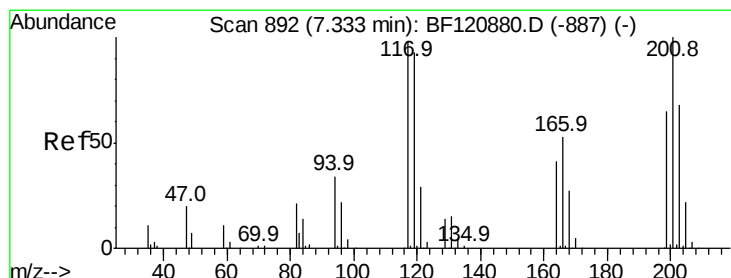
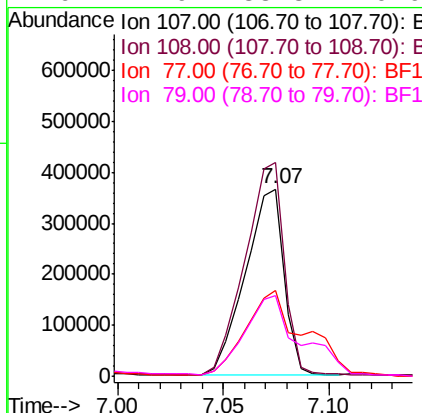
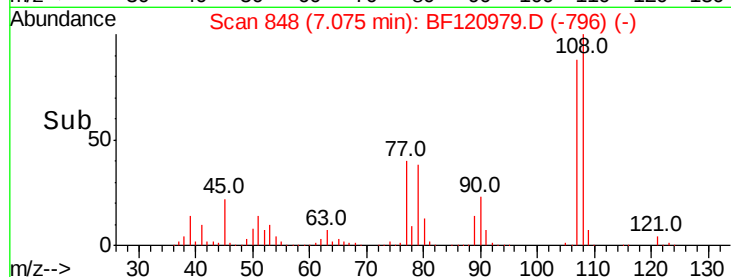
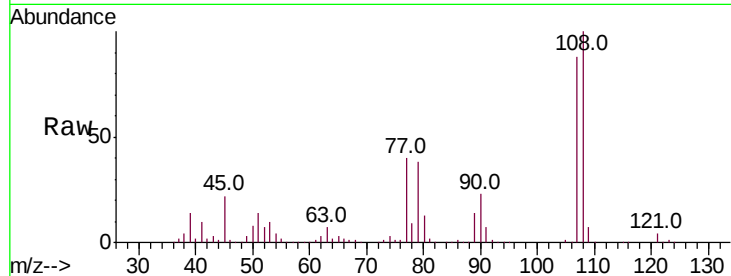
#17
2-Methylphenol
Concen: 39.997 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.0	138.0
77	45.7	34.0	51.0
79	42.9	33.3	49.9

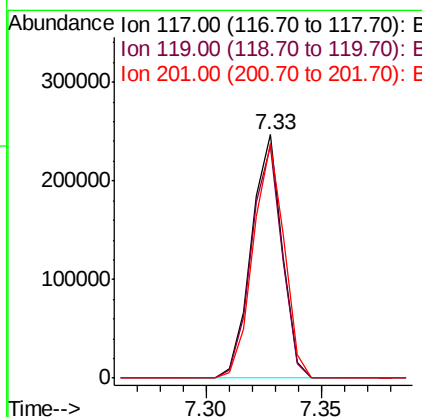
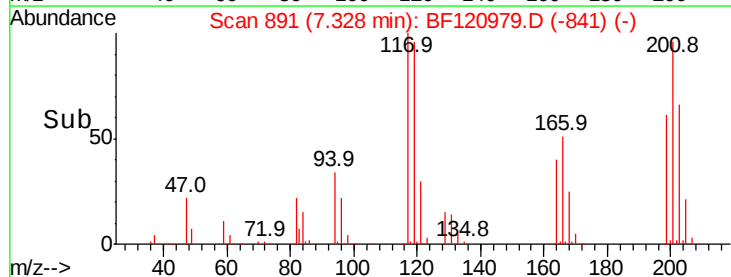
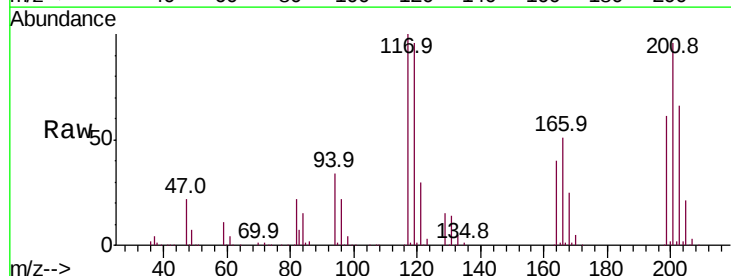
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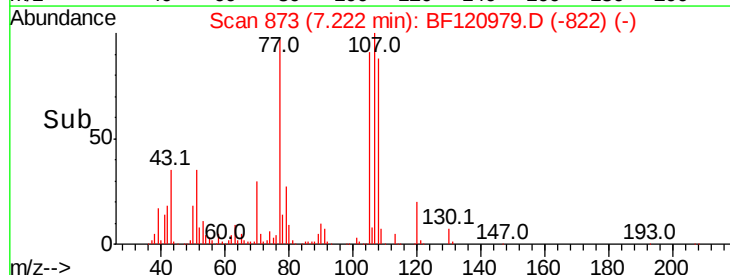
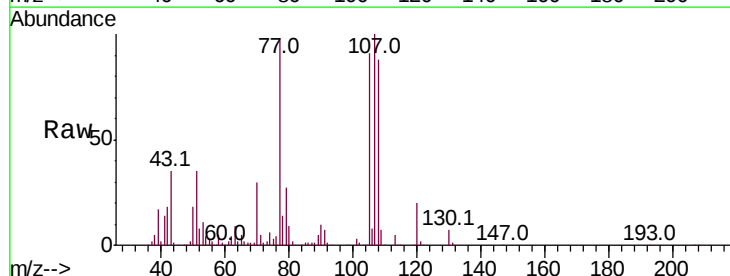
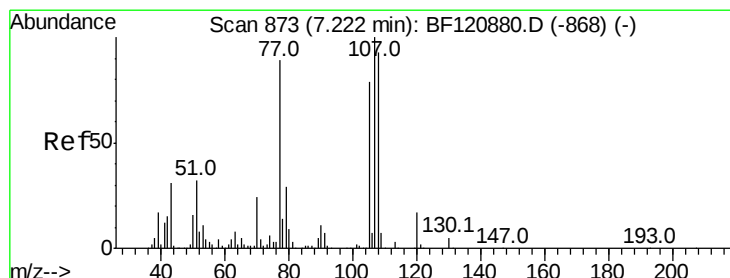
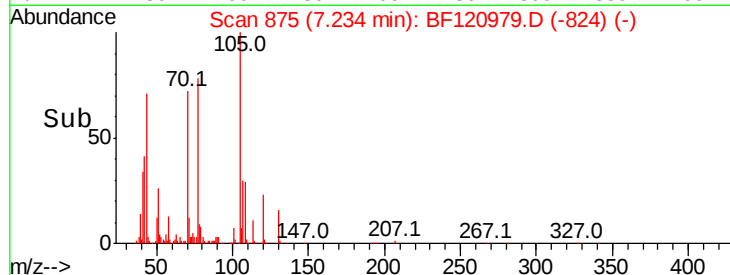
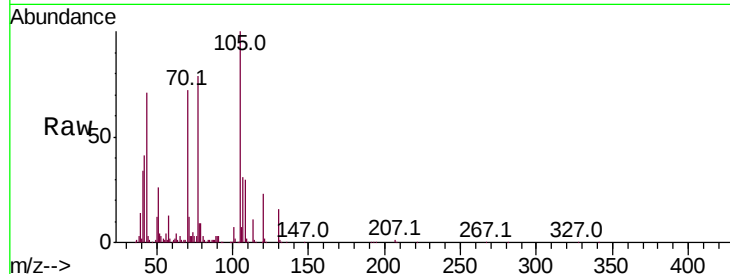
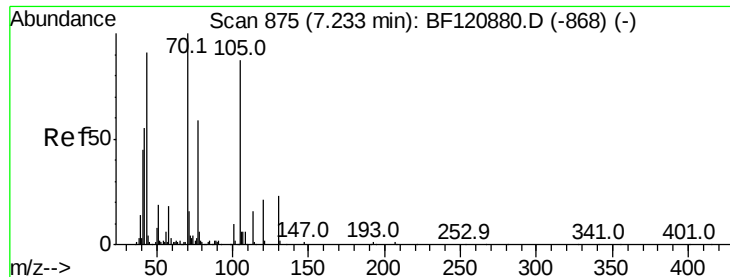
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#18
Hexachloroethane
Concen: 44.322 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.0	114.0
201	96.2	81.7	122.5





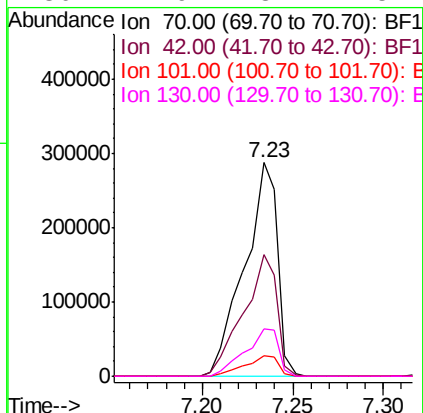
#19
n-Nitroso-di-n-propylamine
Concen: 41.301 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.9	44.0	66.0
101	9.8	7.8	11.6
130	21.9	18.7	28.1

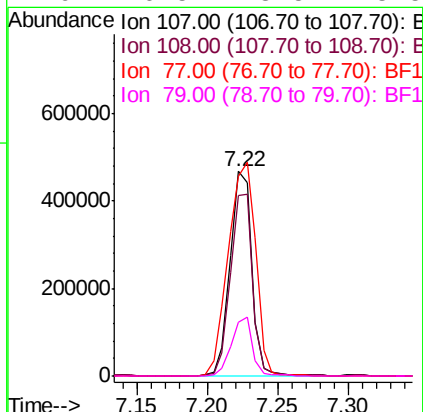
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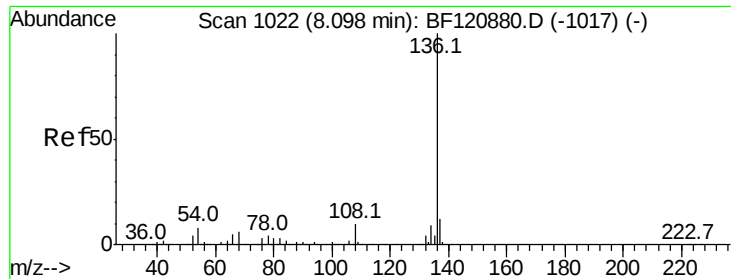
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#20
3+4-Methylphenols
Concen: 33.638 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	72.8	112.8
77	97.5	68.7	108.7
79	26.5	8.5	48.5





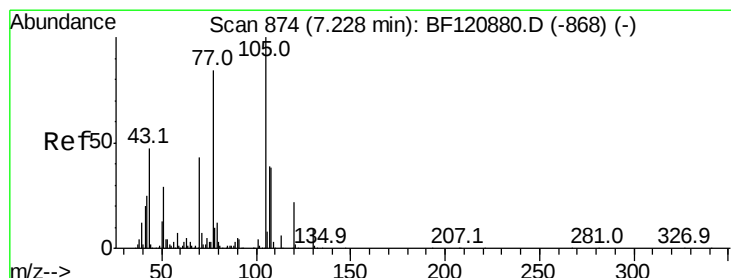
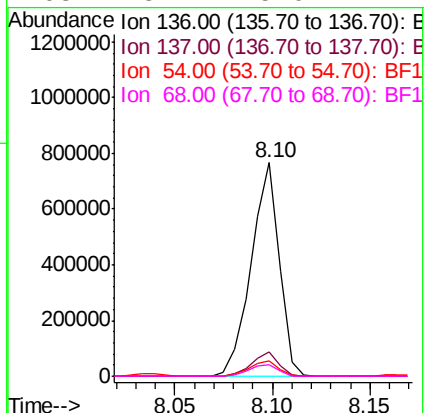
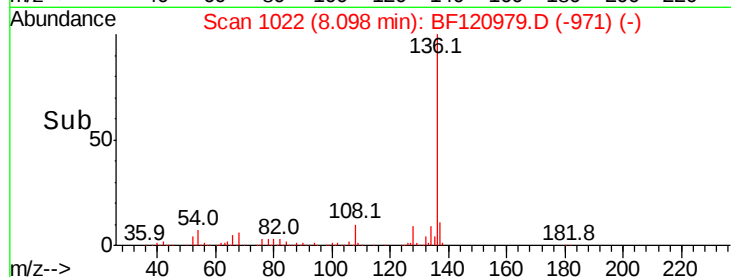
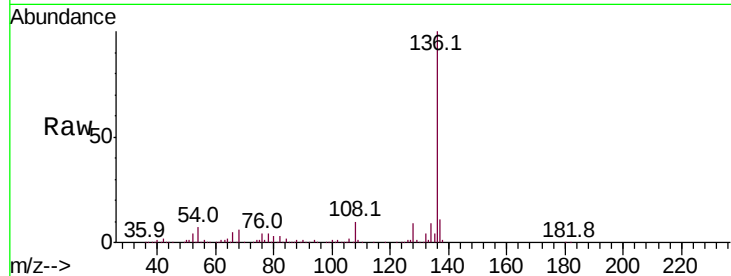
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	762183		
137	11.3	9.3	13.9	
54	7.2	6.3	9.5	
68	5.7	5.0	7.4	

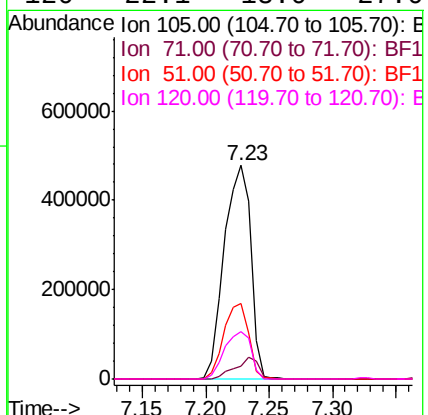
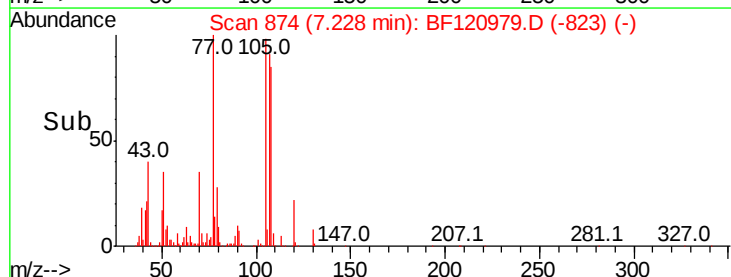
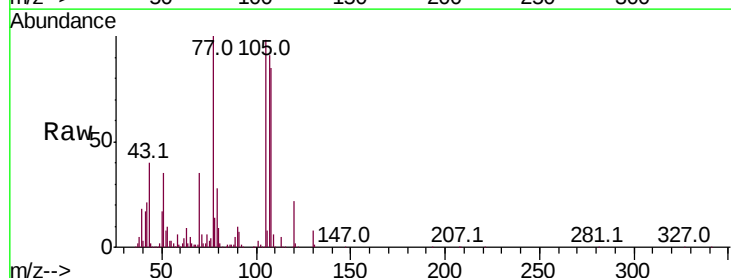
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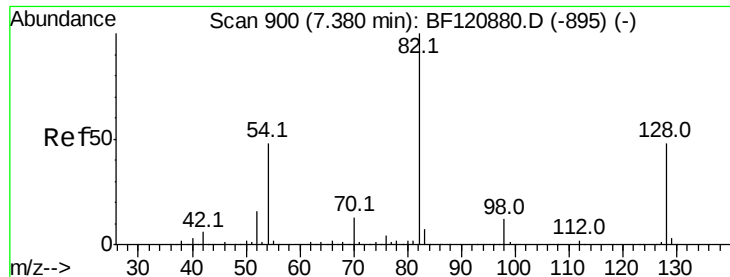
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#22
Acetophenone
Concen: 40.464 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	692170		
71	6.2	5.7	8.5	
51	35.4	22.9	34.3#	
120	22.1	18.0	27.0	





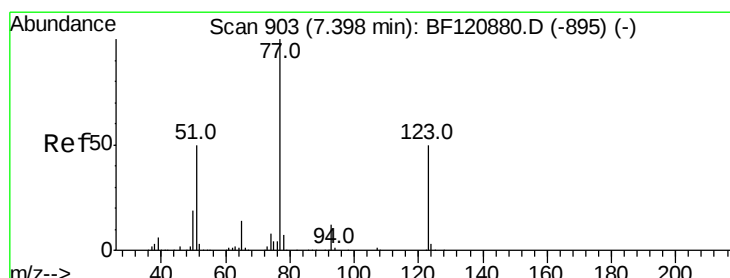
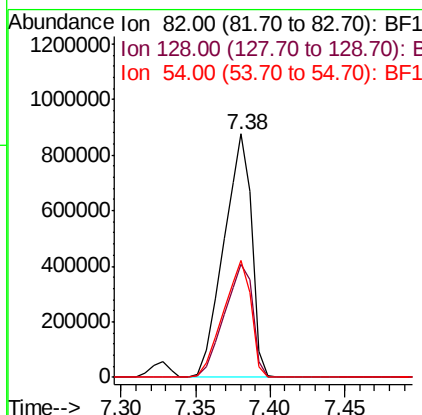
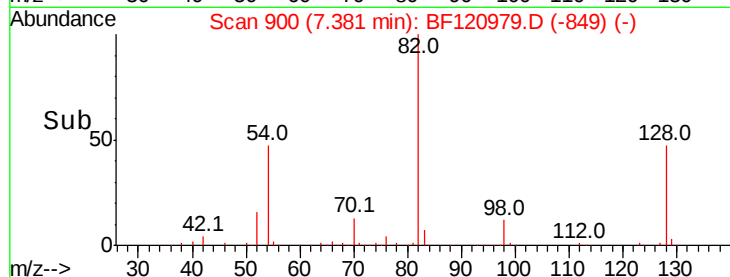
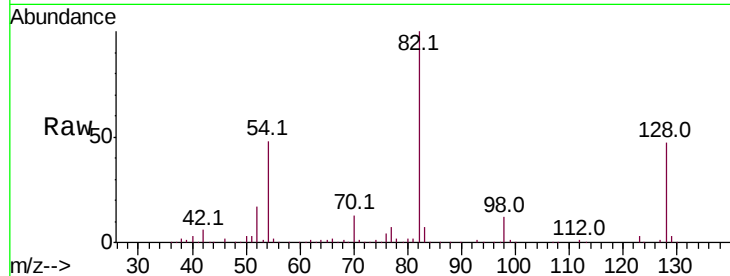
#23
Nitrobenzene-d5
Concen: 86.798 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampled :
PB130373BSD

Tot Ion: 82 Resp: 1143318
Ion Ratio Lower Upper
82 100
128 46.6 38.2 57.4
54 48.0 38.7 58.1

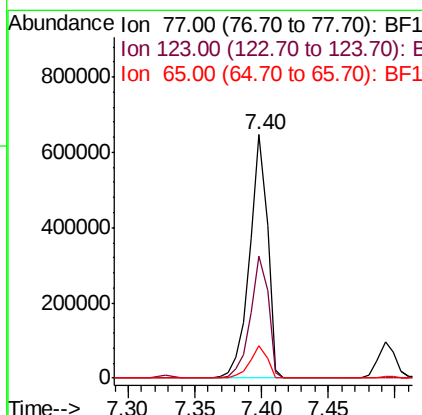
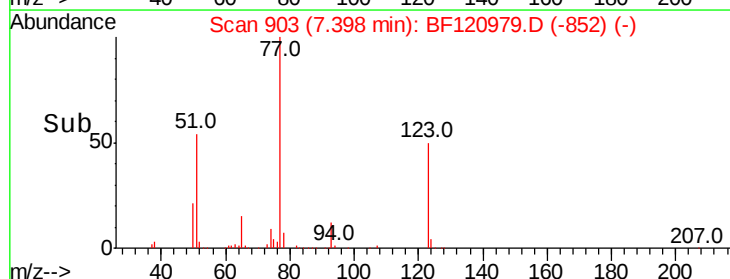
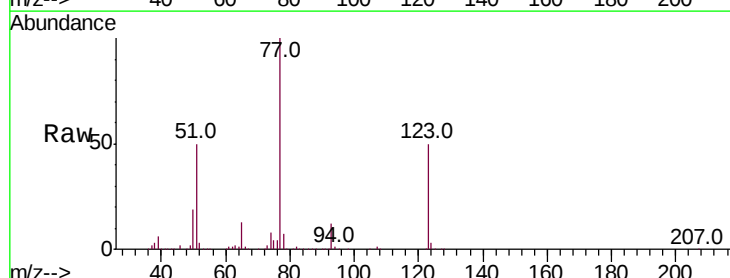
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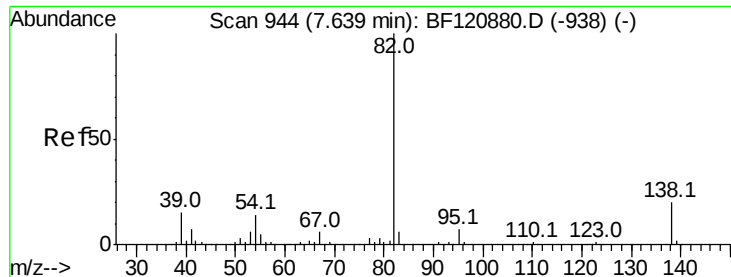
Sohil
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#24
Nitrobenzene
Concen: 41.567 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion: 77 Resp: 590129
Ion Ratio Lower Upper
77 100
123 49.9 40.1 60.1
65 13.5 10.8 16.2





#25

Isophorone

Concen: 42.189 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130373BSD

Tot Ion: 82 Resp: 1109104

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

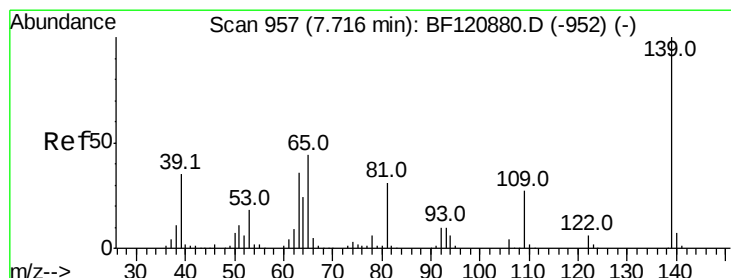
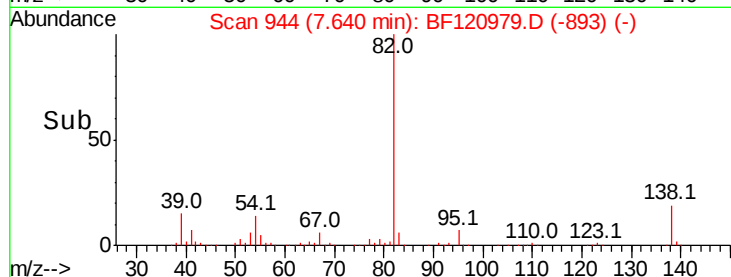
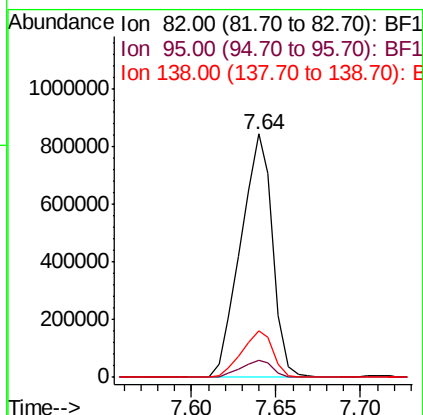
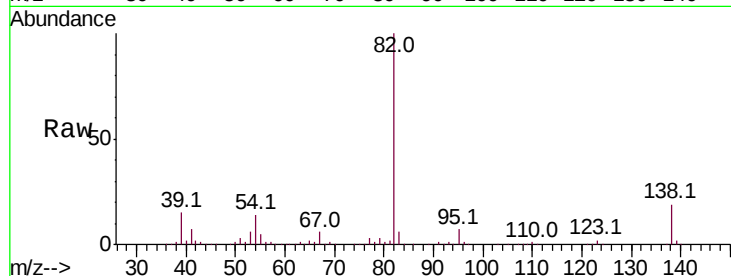
138 19.0 15.6 23.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.858 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

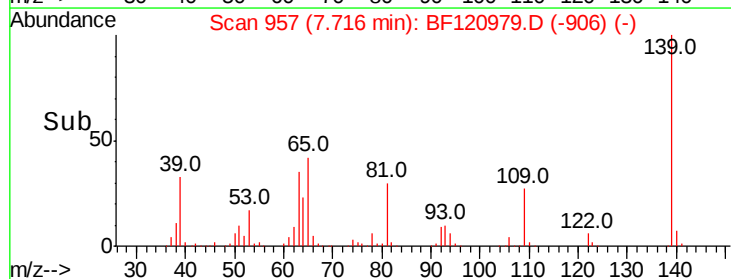
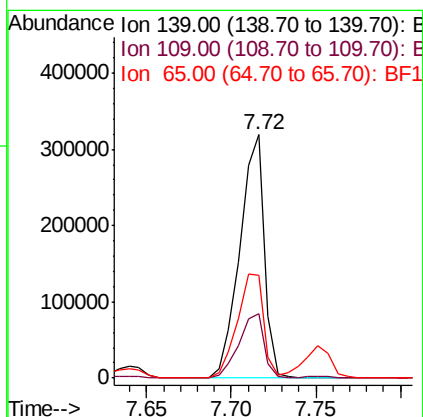
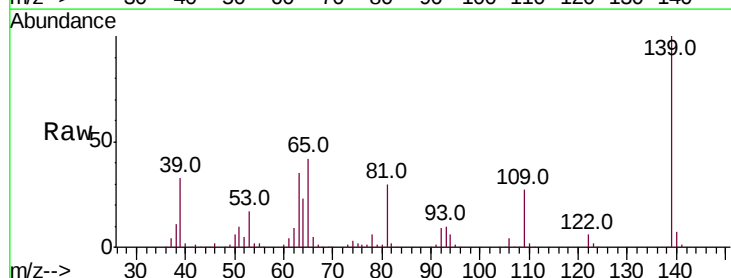
Tgt Ion: 139 Resp: 322686

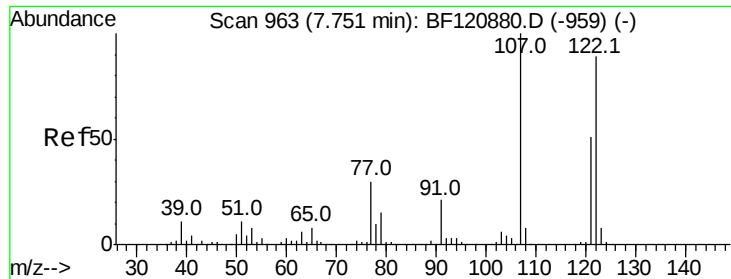
Ion Ratio Lower Upper

139 100

109 26.6 21.6 32.4

65 42.5 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 45.461 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

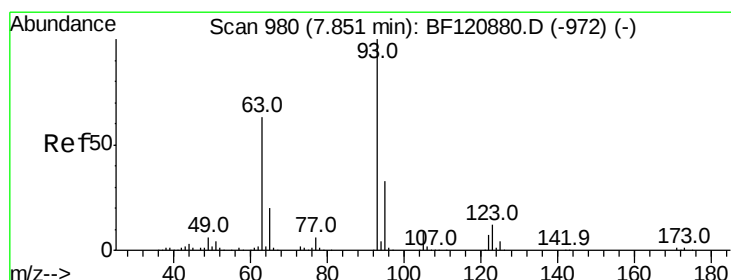
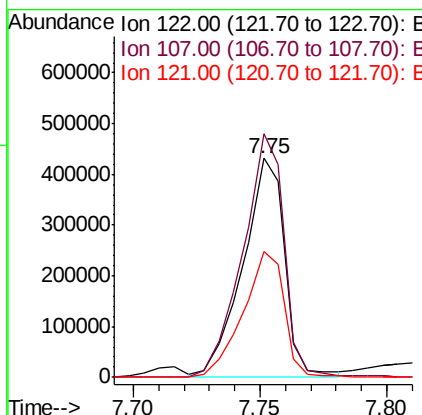
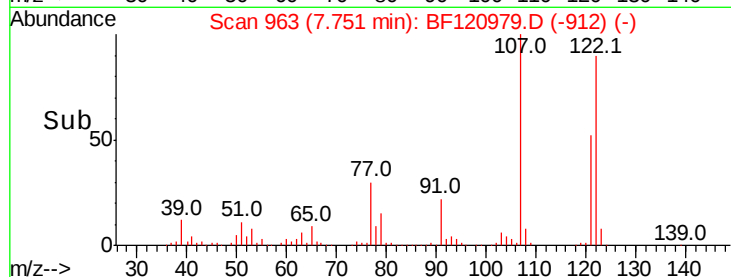
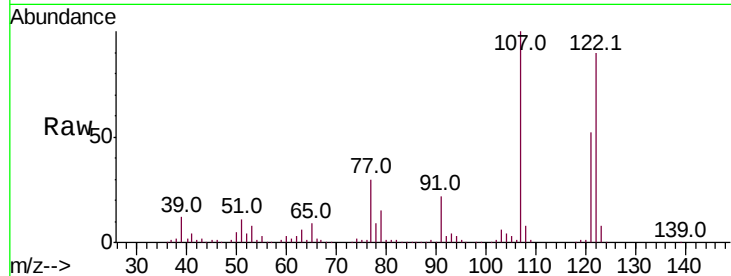
ClientSampleId :

PB130373BSD

Tot Ion:	122	Resp:	497677
Ion Ratio	Lower	Upper	
122	100		
107	111.2	89.4	134.0
121	57.4	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 44.357 ng

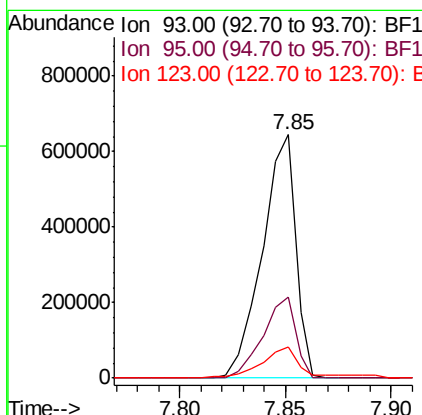
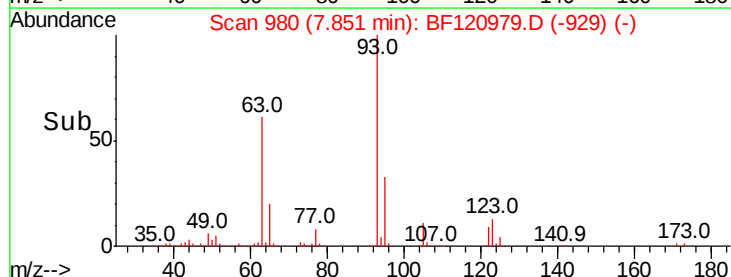
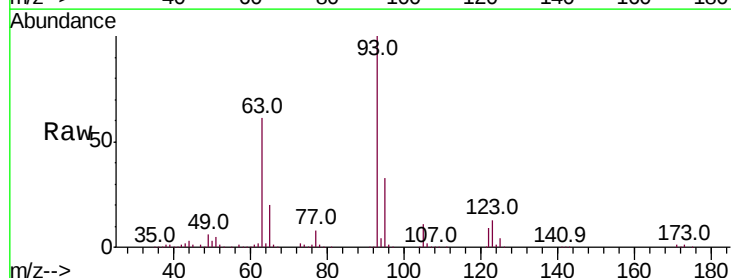
RT: 7.85 min Scan# 980

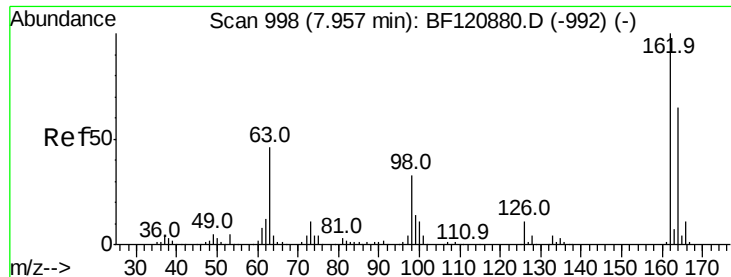
Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Tgt Ion:	93	Resp:	711802
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.6	39.8
123	12.7	10.0	15.0





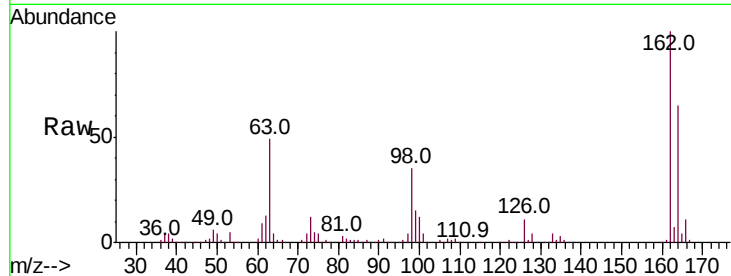
#29
2,4-Dichlorophenol
Concen: 44.307 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	495649		
164	64.8	45.3	85.3	
98	34.9	13.3	53.3	

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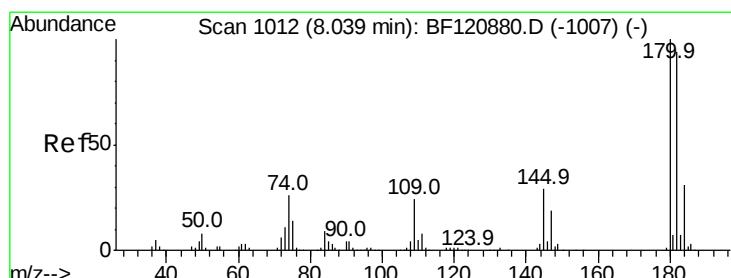
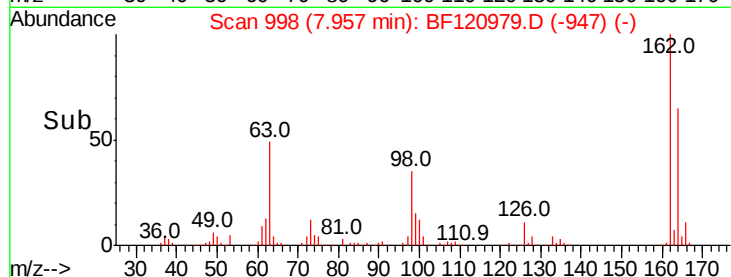
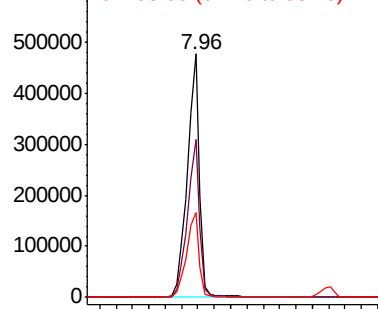


Abundance

Ion 162.00 (161.70 to 162.70): E

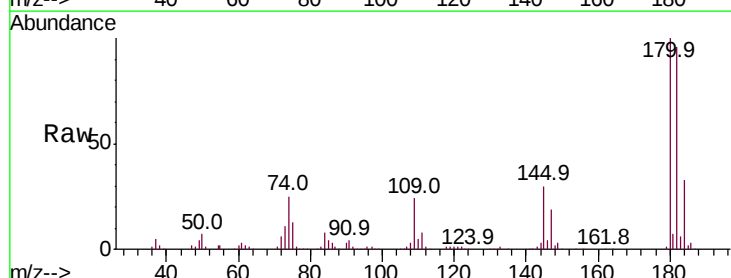
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.411 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	526371		
182	95.8	75.0	112.6	
145	29.8	23.5	35.3	

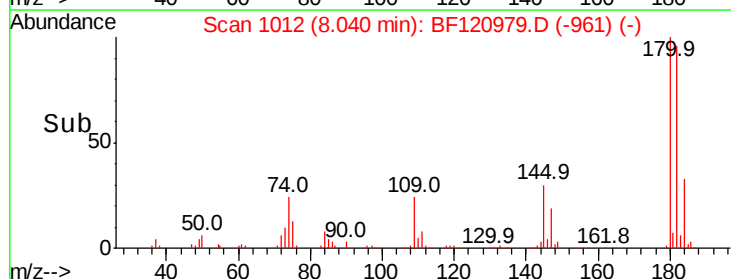
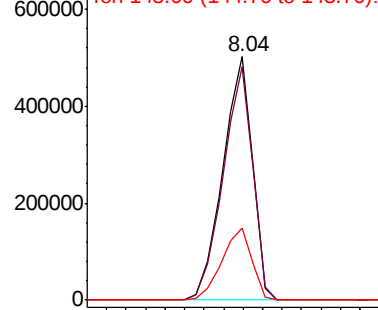


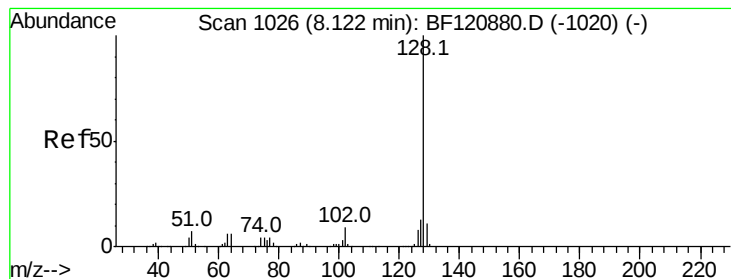
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.457 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130373BSD

Tot Ion:128 Resp: 1620814

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

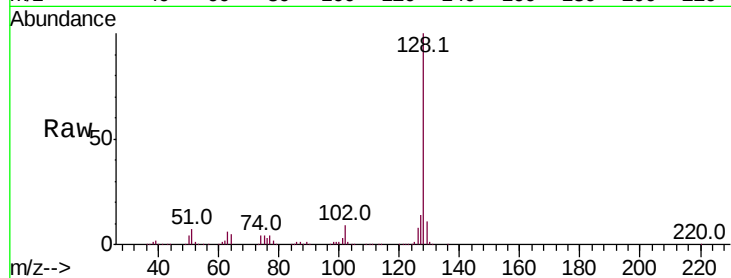
127 13.8 10.7 16.1

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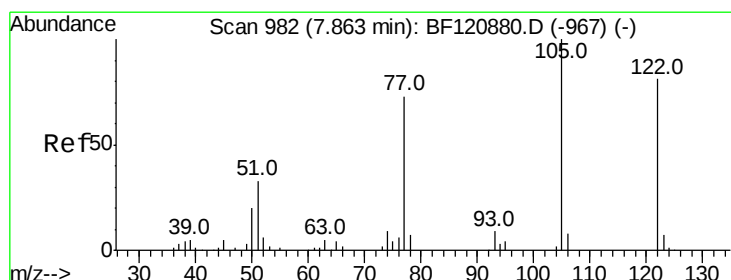
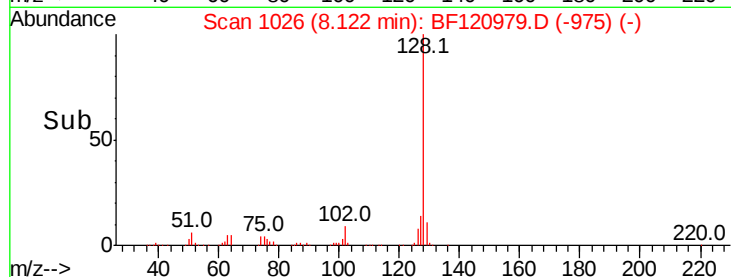
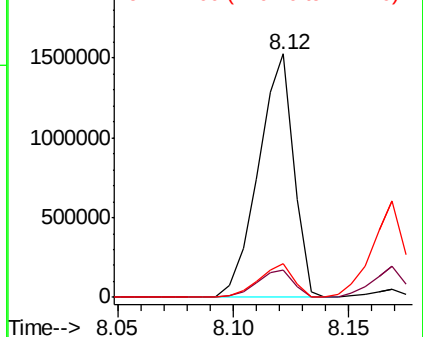


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.862 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

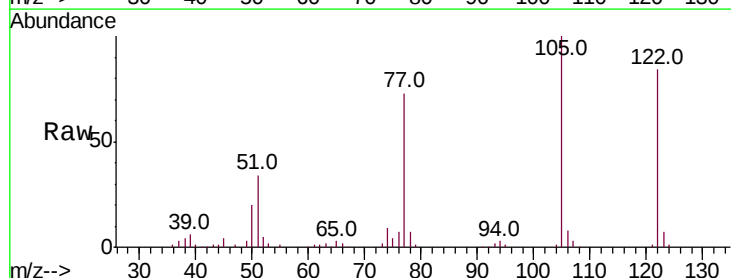
Tgt Ion:122 Resp: 393321

Ion Ratio Lower Upper

122 100

105 118.6 101.3 141.3

77 86.9 69.1 109.1

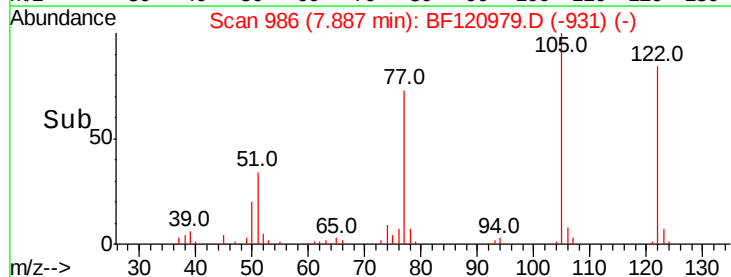
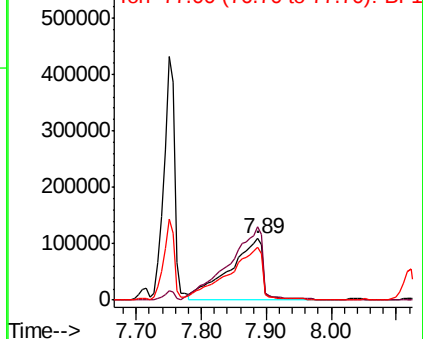


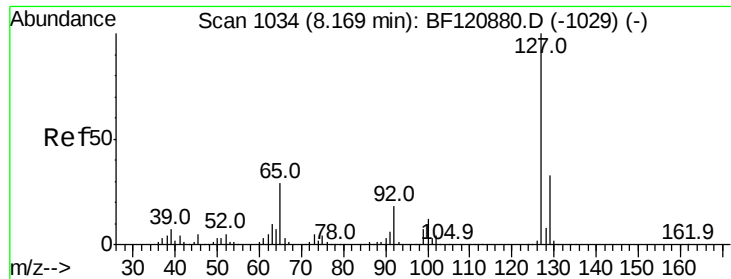
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





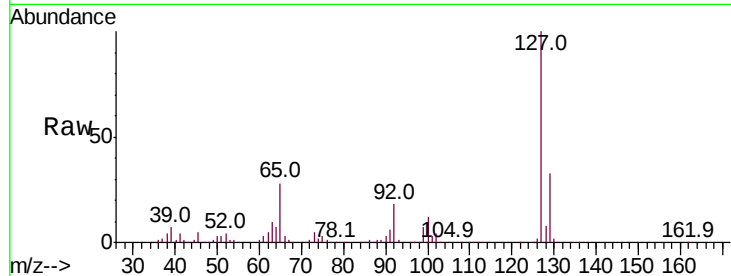
#33
4-Chloroaniline
Concen: 34.579 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

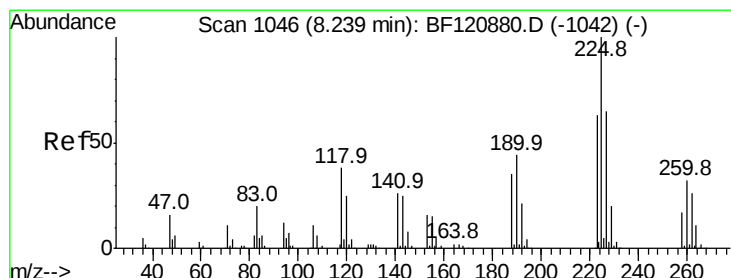
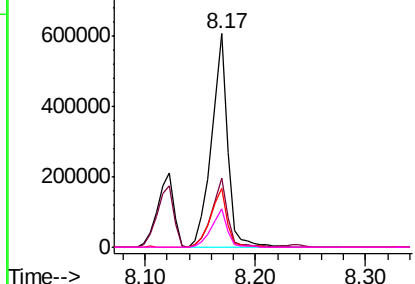
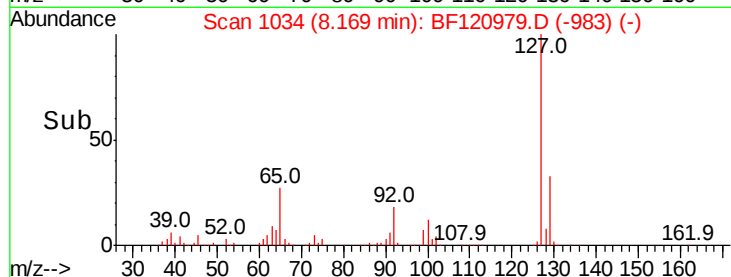
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	27.7	23.0	34.4
92	17.8	14.5	21.7

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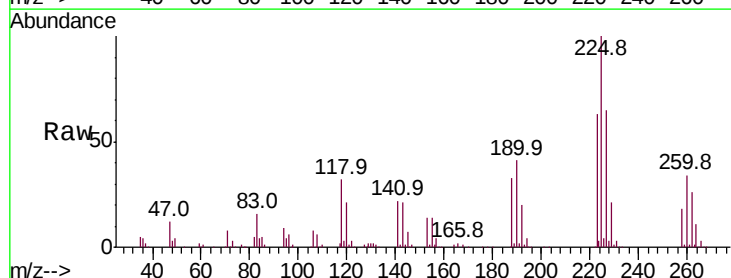


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

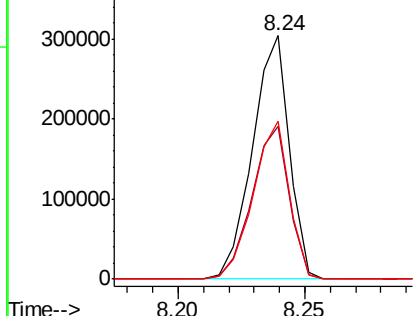
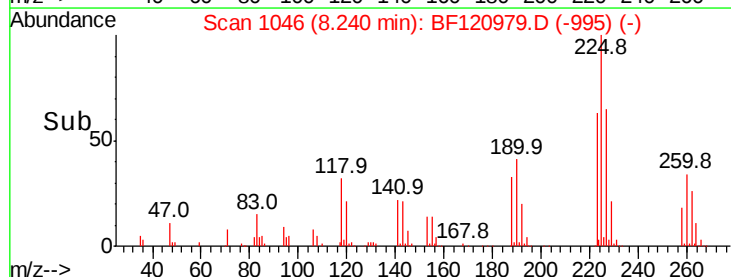


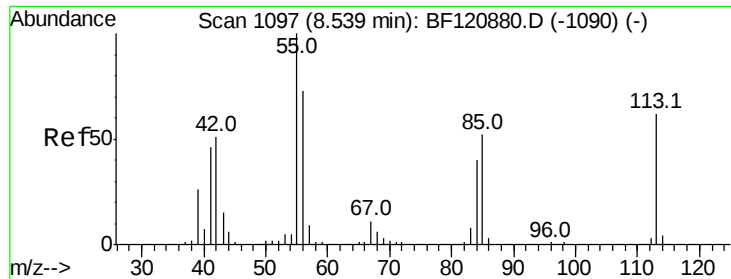
#34
Hexachlorobutadiene
Concen: 41.670 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.8	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





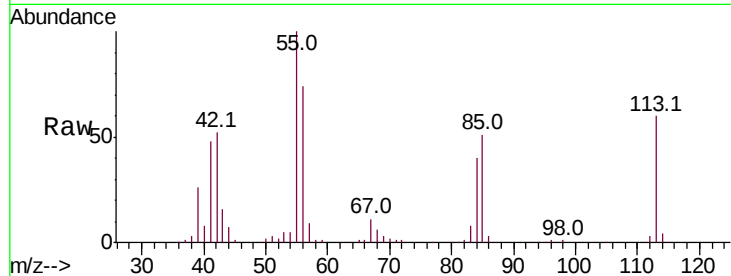
#35
Caprolactam
Concen: 44.295 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.2	143.3	183.3
56	123.5	99.4	139.4

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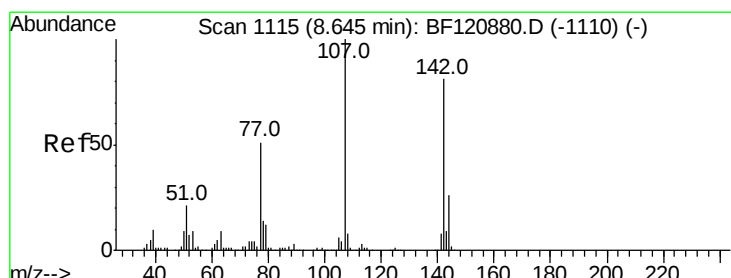
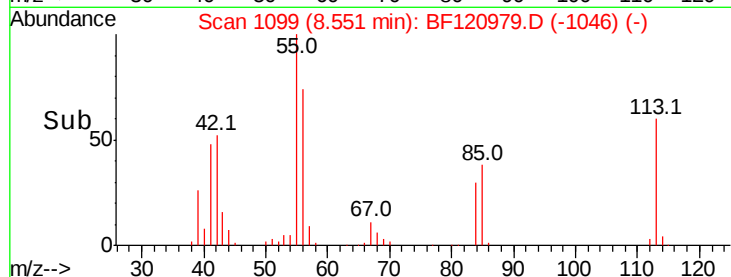
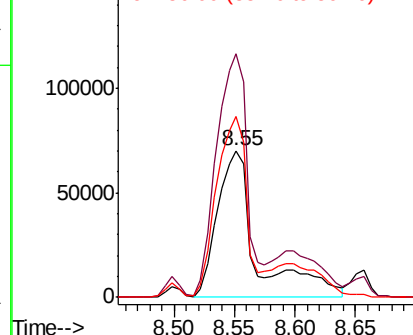


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 44.864 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

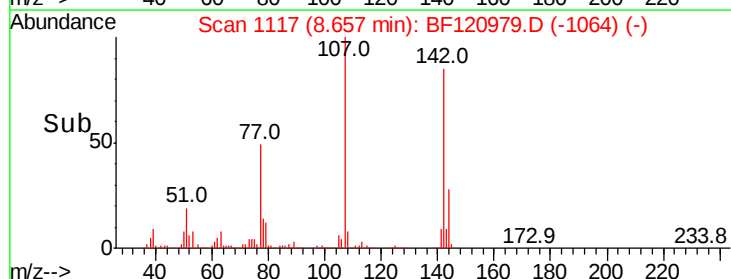
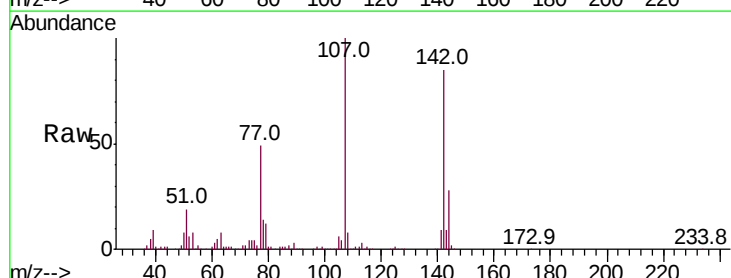
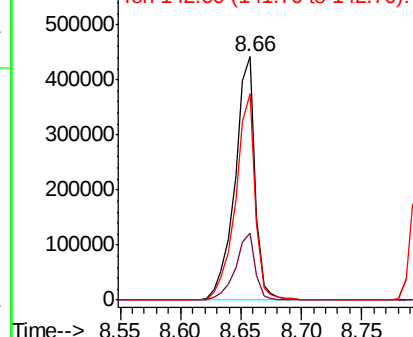
Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	21.0	31.6
142	85.0	65.0	97.6

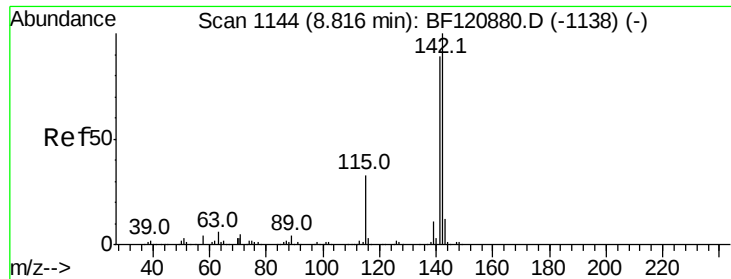
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.722 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

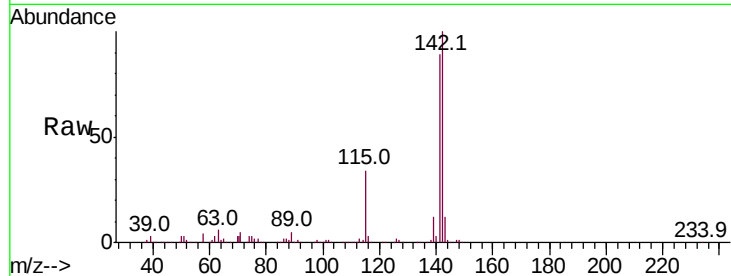
Instrument :
BNA_F

ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.4
115	34.2	26.0	39.0

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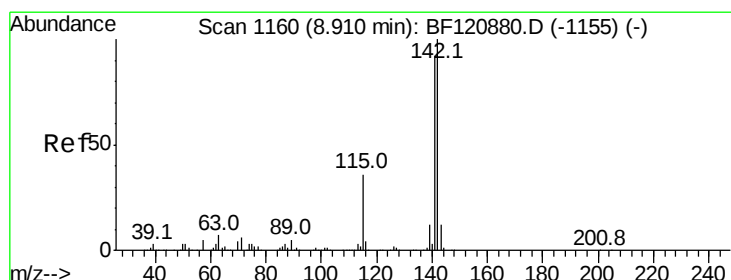
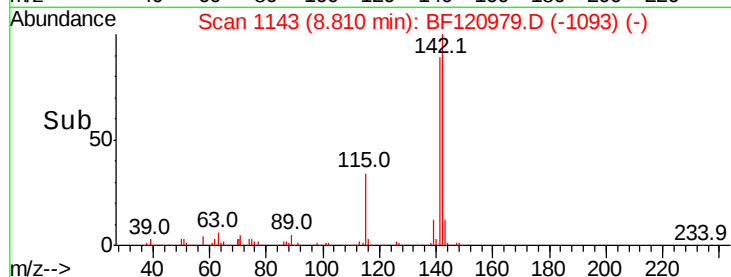
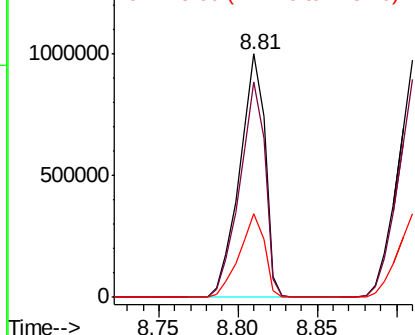


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.529 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

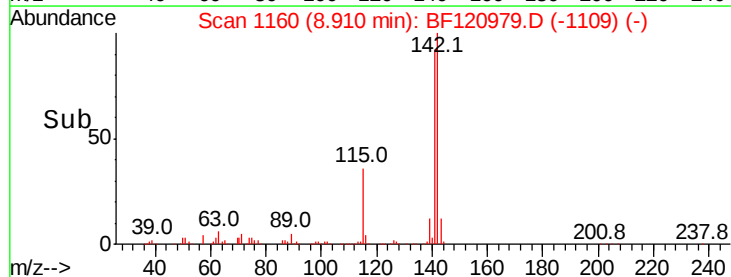
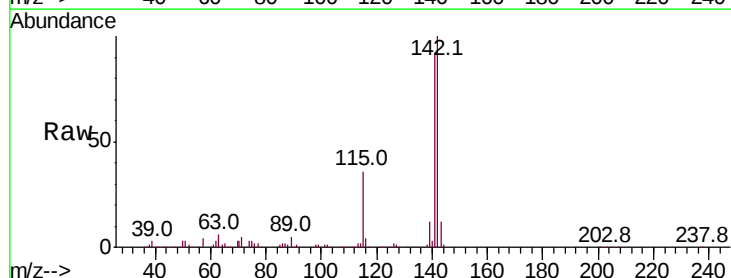
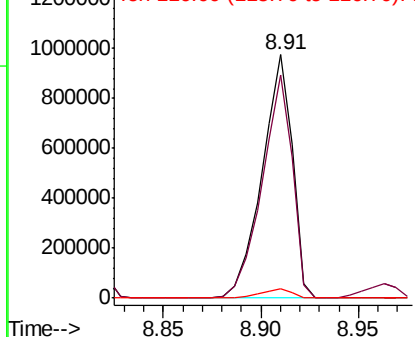
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.7	110.5
116	3.8	3.0	4.6

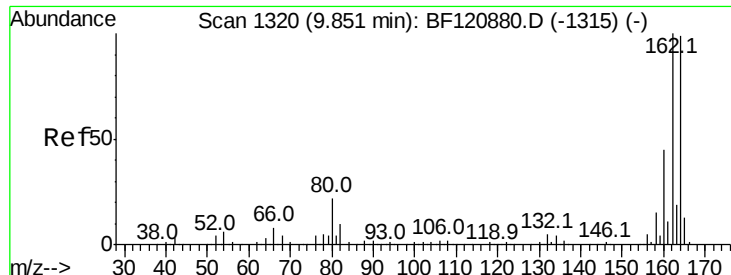
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





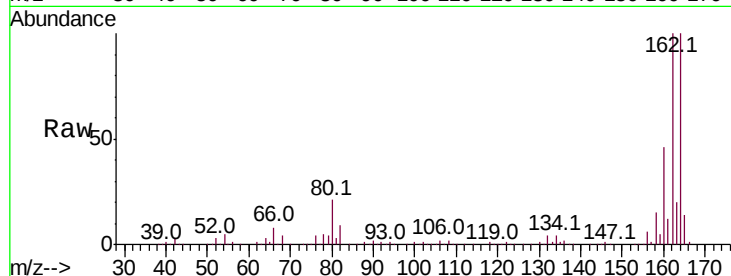
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.2	121.8
160	46.1	36.9	55.3

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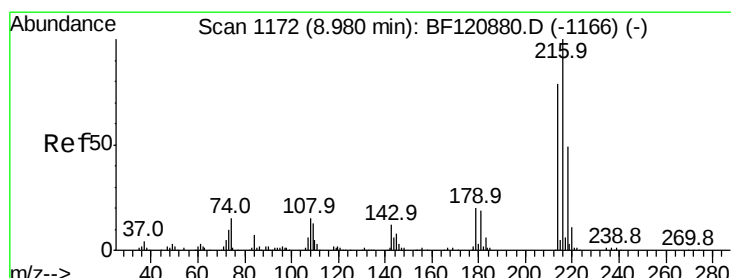
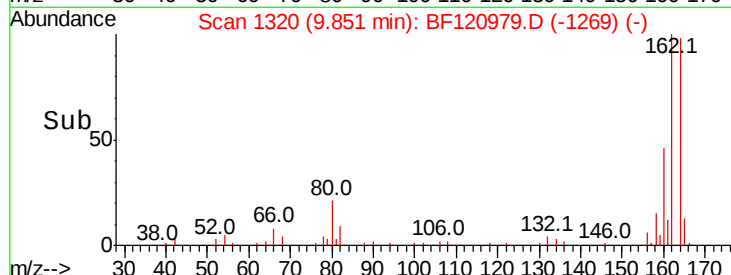
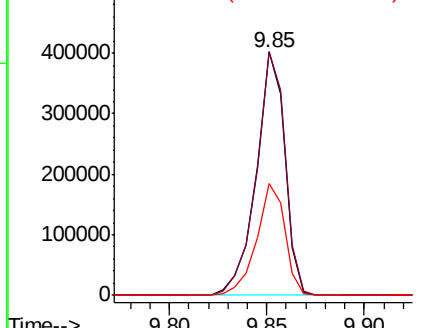


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.189 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	20.7	16.6	24.8
108	20.8	15.4	23.0

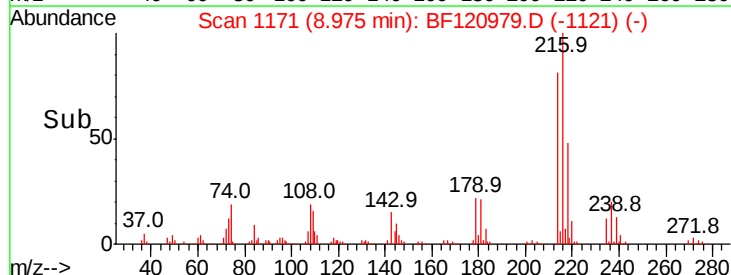
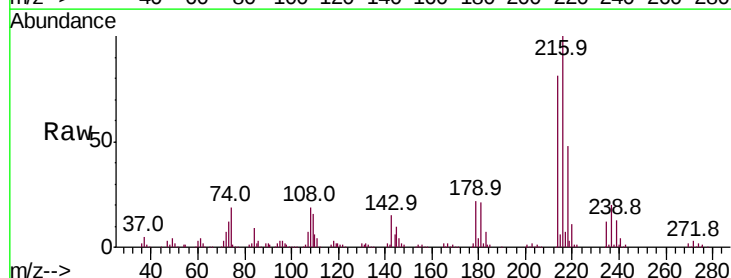
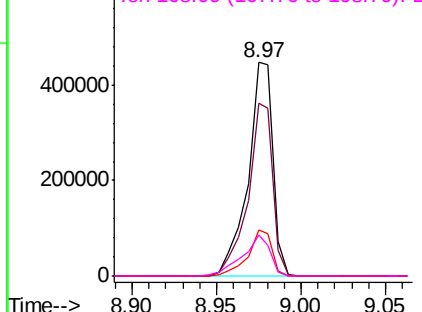
Abundance

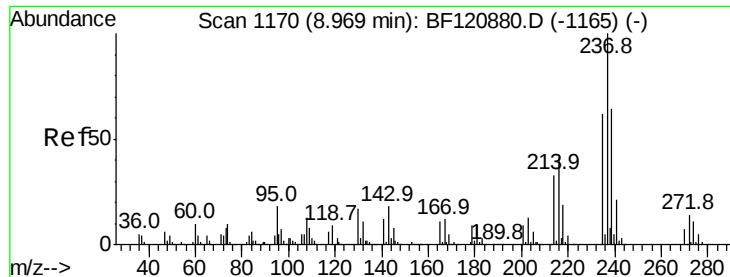
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.745 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

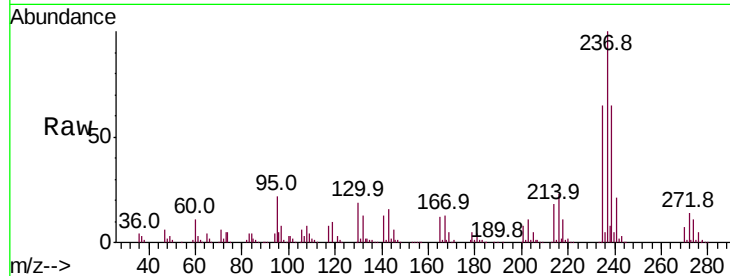
ClientSampleId :

PB130373BSD

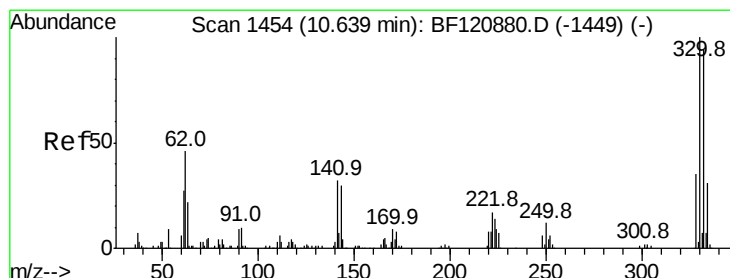
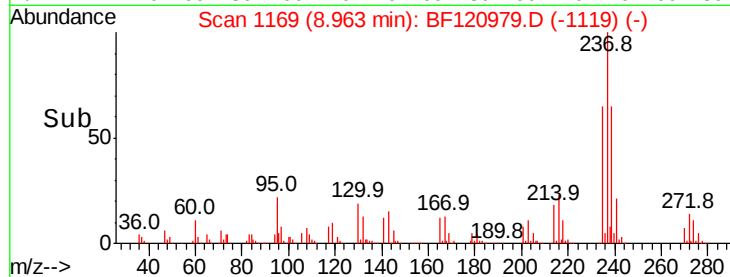
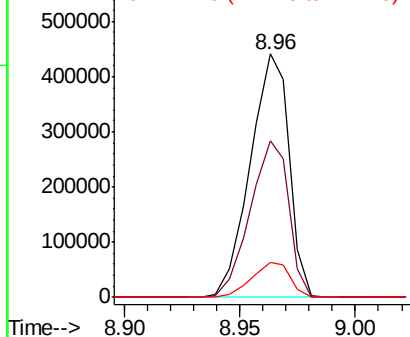
Tot Ion:	237	Resp:	517633
Ion Ratio	Lower	Upper	
237	100		
235	64.5	41.6	81.6
272	14.1	0.0	33.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 117.954 ng

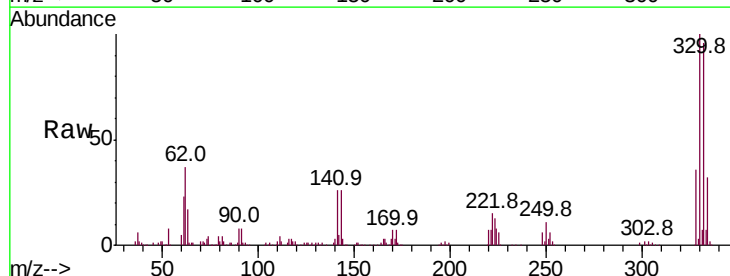
RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

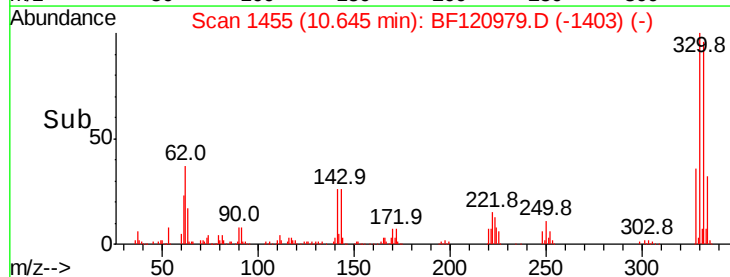
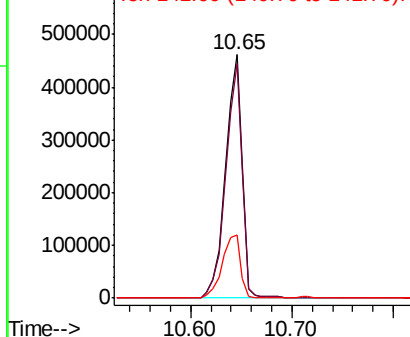
Lab File: BF120979.D

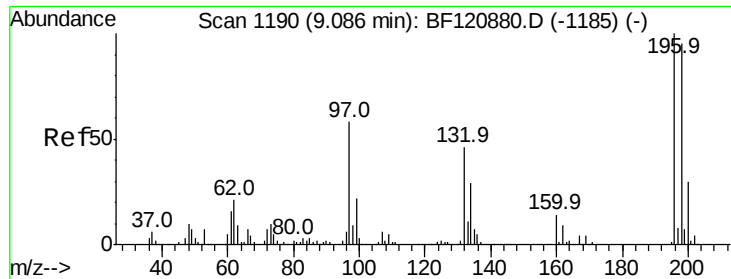
Acq: 23 Jul 2020 13:37

Tgt Ion:	330	Resp:	527064
Ion Ratio	Lower	Upper	
330	100		
332	95.5	75.5	113.3
141	28.7	25.7	38.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





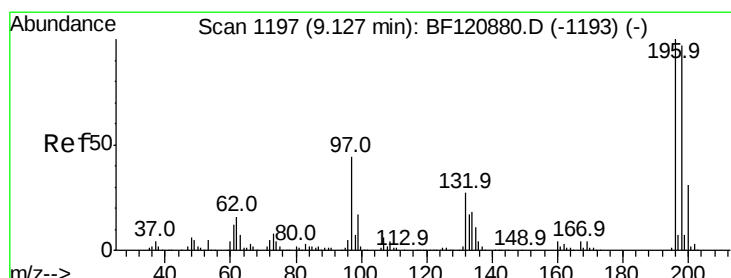
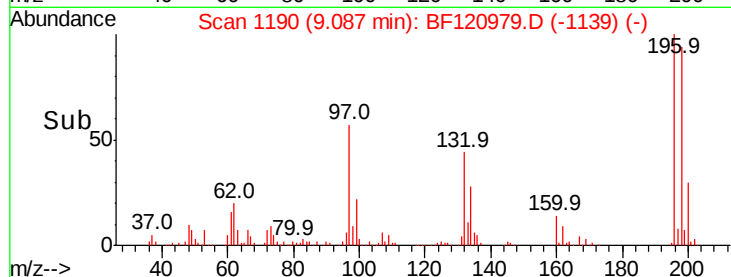
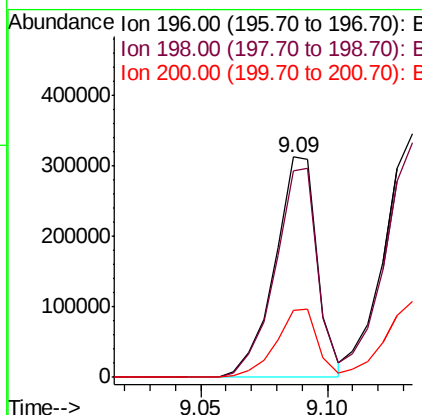
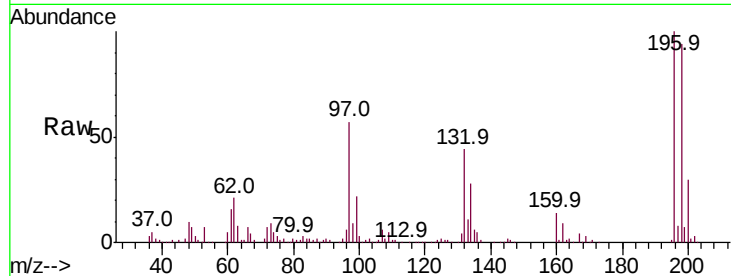
#43
 2,4,6-Trichlorophenol
 Concen: 43.764 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	366497		
198	93.8	75.7	113.5	
200	30.3	24.4	36.6	

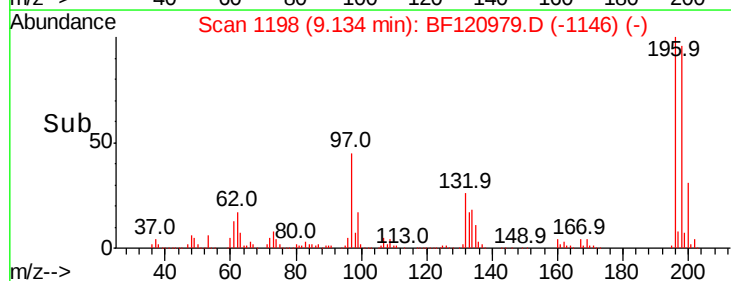
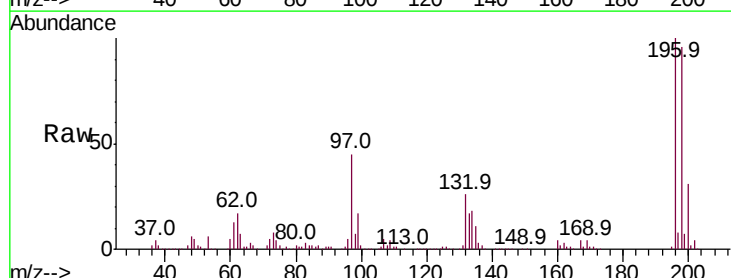
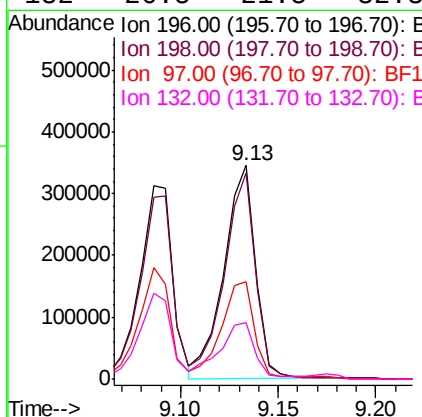
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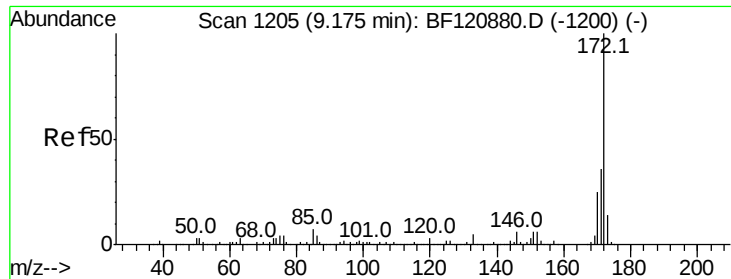
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#44
 2,4,5-Trichlorophenol
 Concen: 40.864 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	388180		
198	96.4	77.6	116.4	
97	45.3	35.6	53.4	
132	26.5	21.5	32.3	





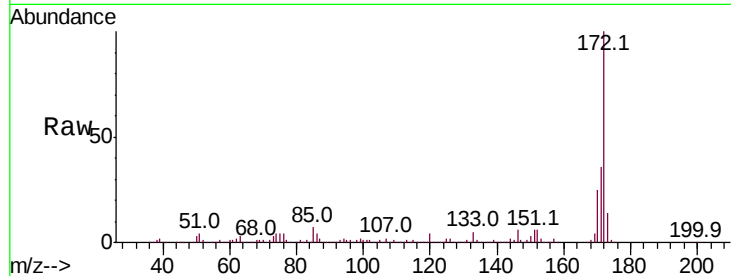
#45
2-Fluorobiphenyl
Concen: 73.225 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.5	19.6	29.4

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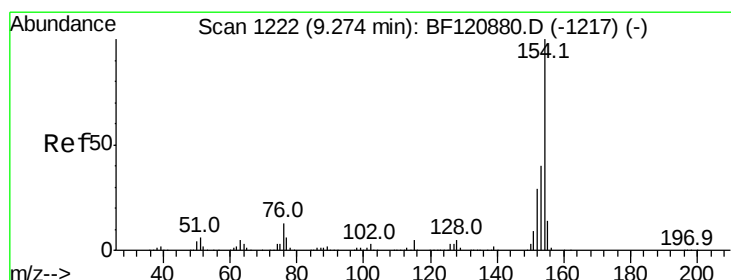
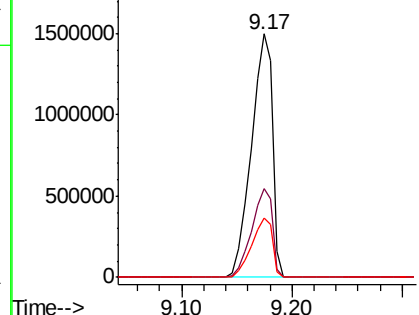
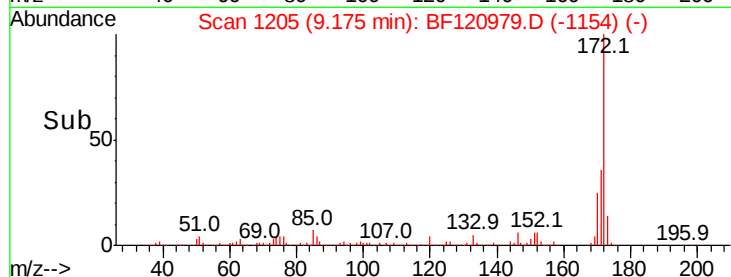


Abundance

Ion 172.00 (171.70 to 172.70): E

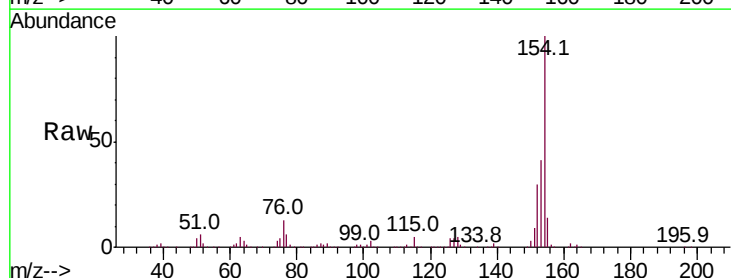
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.999 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	12.8	0.0	33.1

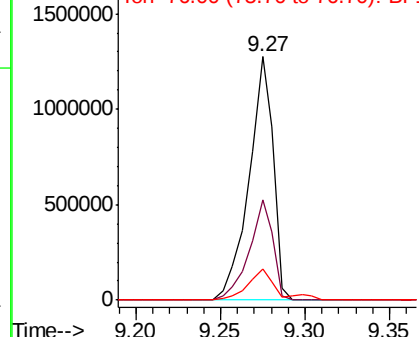
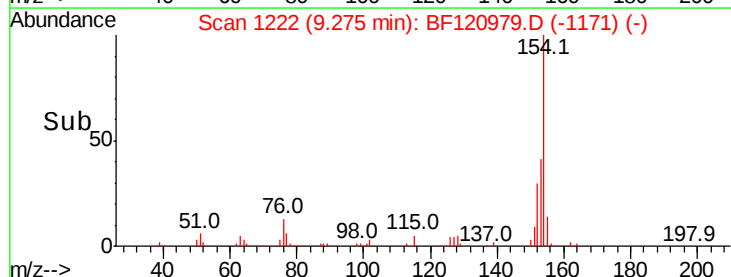


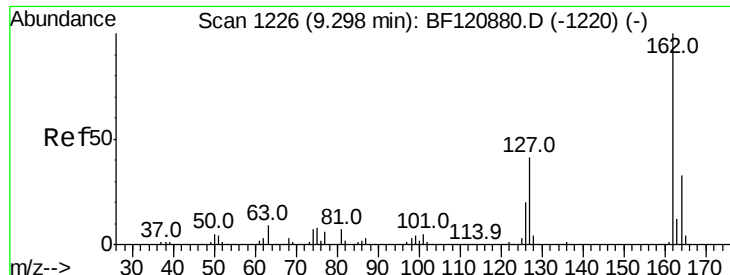
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





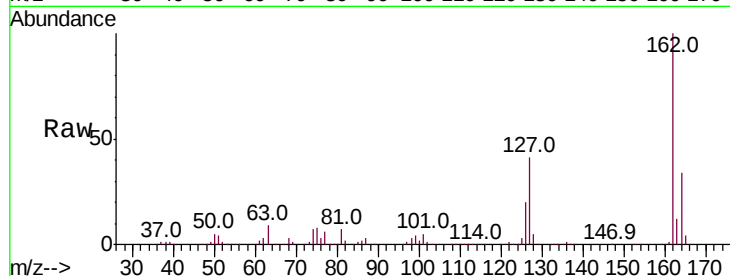
#47
 2-Chloronaphthalene
 Concen: 40.170 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.3	49.9
164	33.7	26.6	39.8

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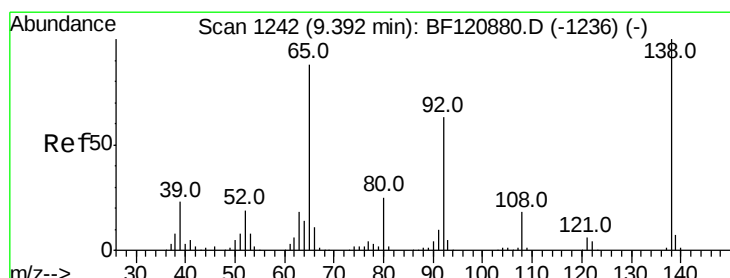
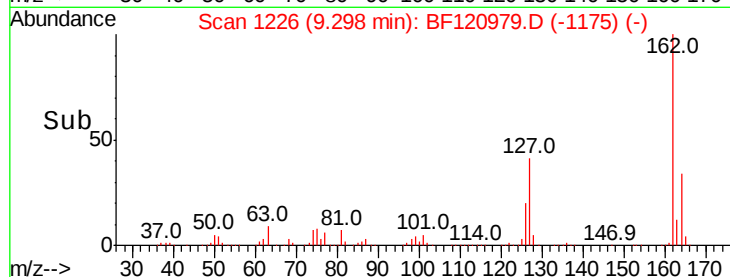
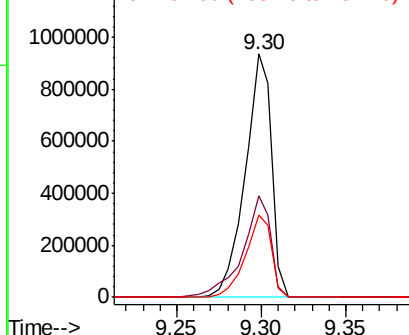


Abundance

Ion 162.00 (161.70 to 162.70): E

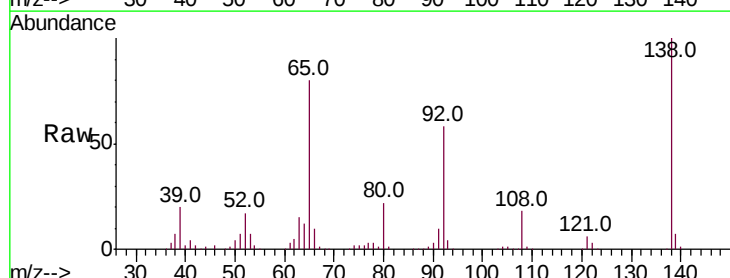
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 42.871 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	57.0	85.4
138	125.6	90.4	135.6

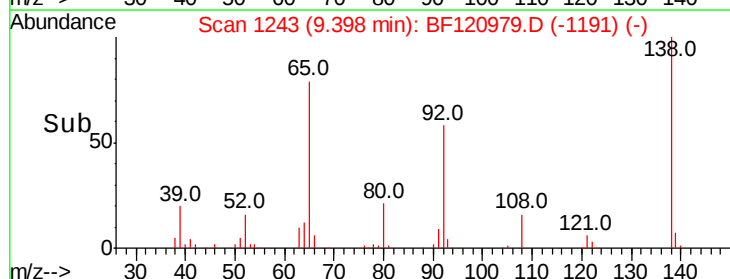
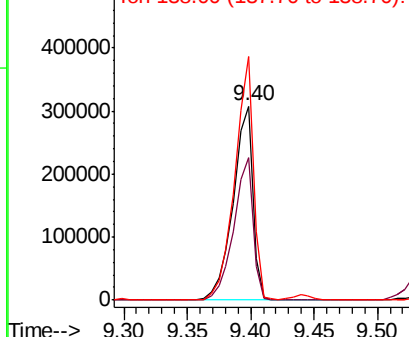


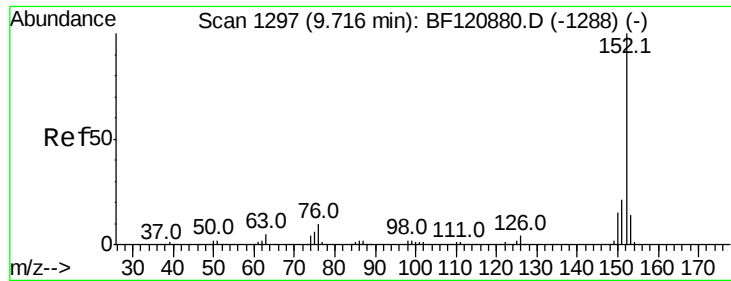
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





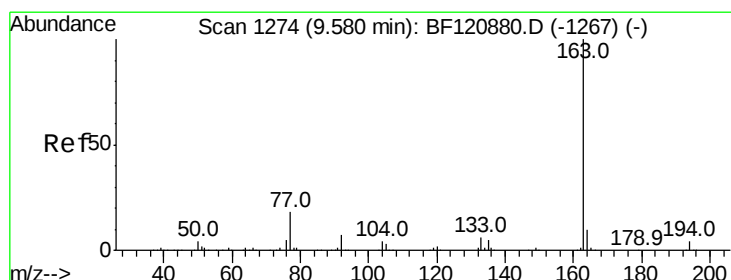
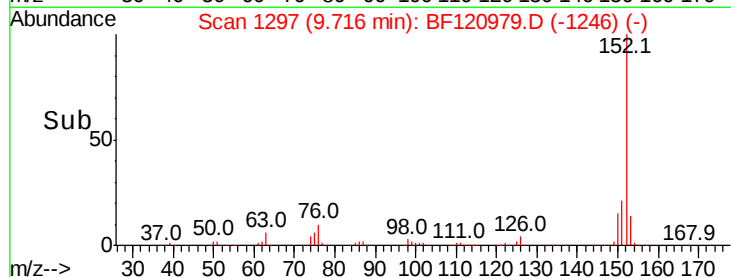
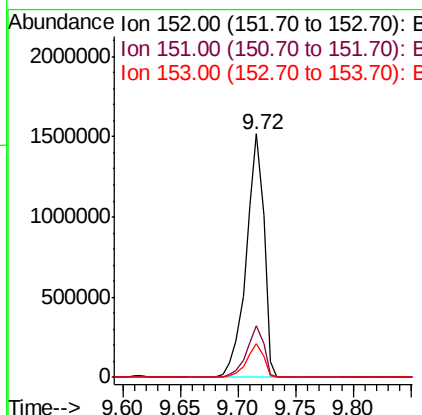
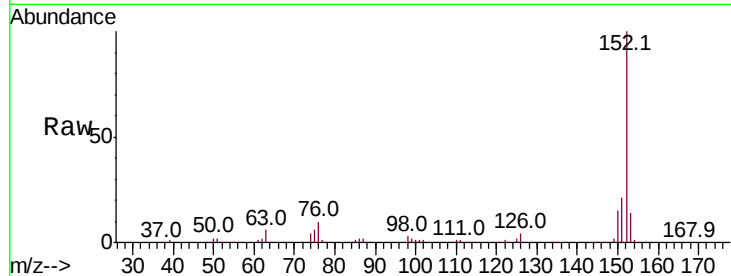
#49
Acenaphthylene
Concen: 40.817 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.6	25.0
153	14.1	10.9	16.3

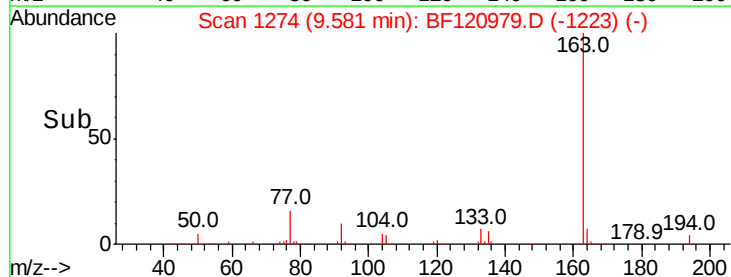
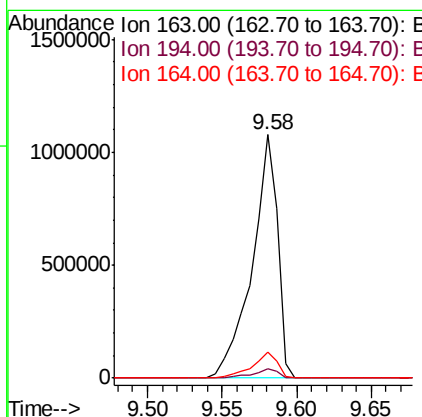
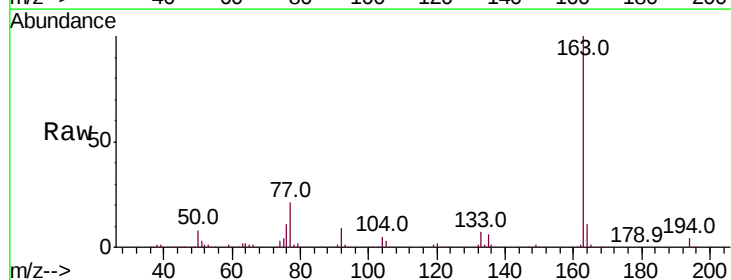
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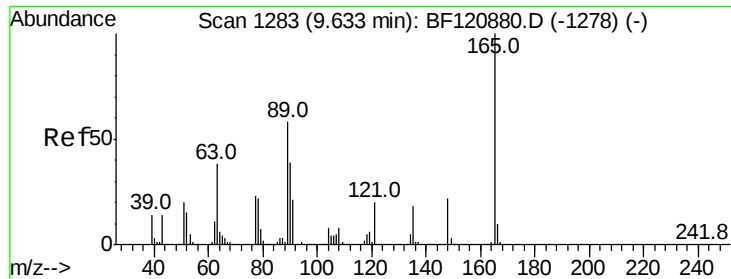
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#50
Dimethylphthalate
Concen: 42.945 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.5	7.9	11.9





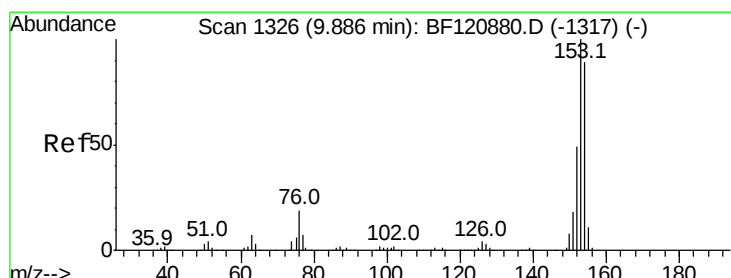
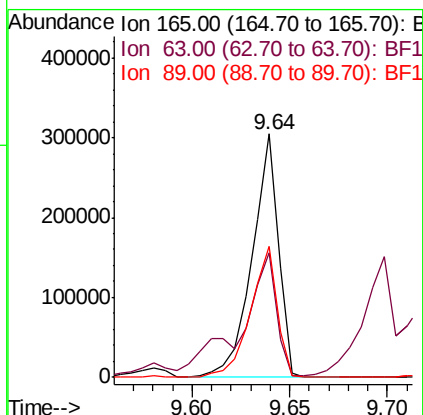
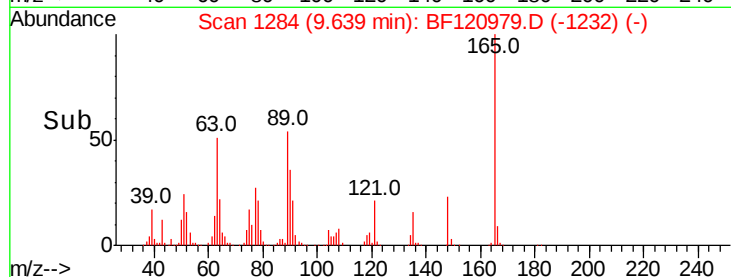
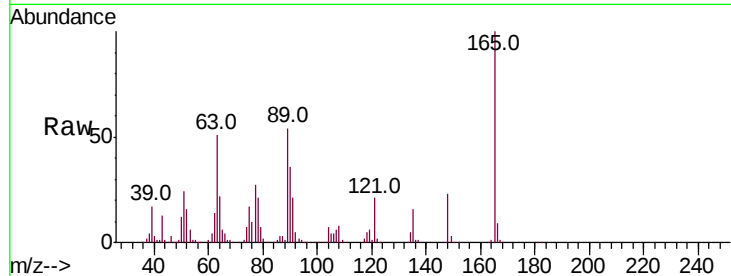
#51
2,6-Dinitrotoluene
Concen: 44.908 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	284144		
63	51.2	45.4	68.2	
89	53.9	47.0	70.4	

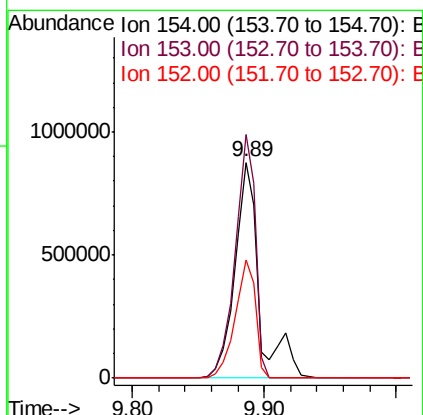
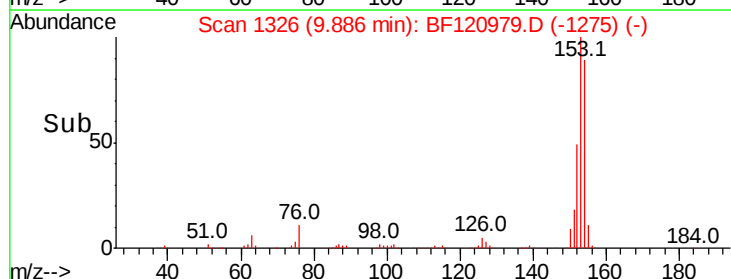
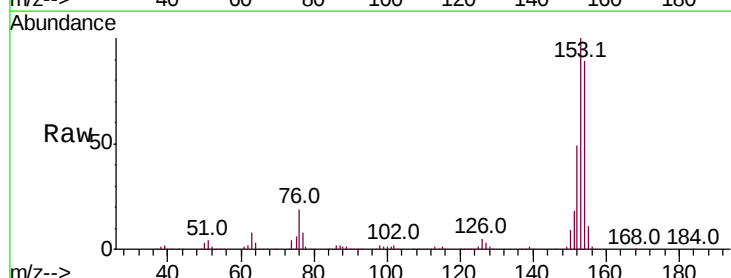
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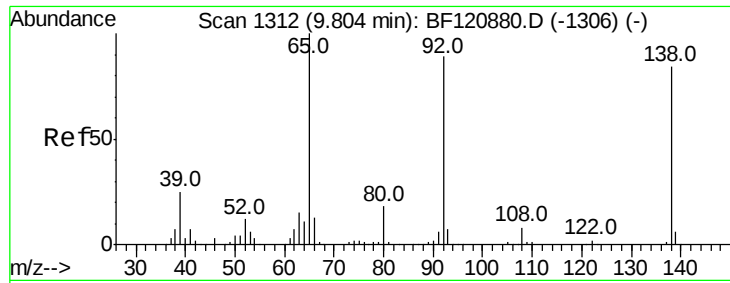
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#52
Acenaphthene
Concen: 44.985 ng m
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1128009		
153	113.0	89.5	134.3	
152	55.1	44.2	66.2	





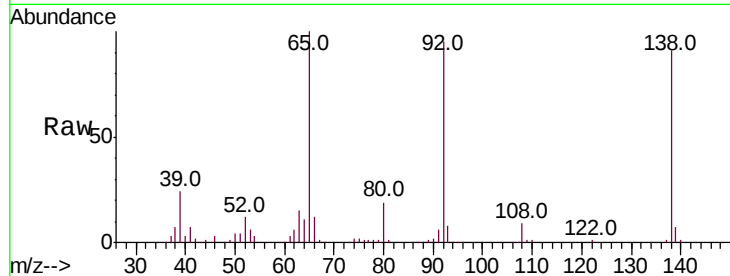
#53
3-Nitroaniline
Concen: 34.048 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

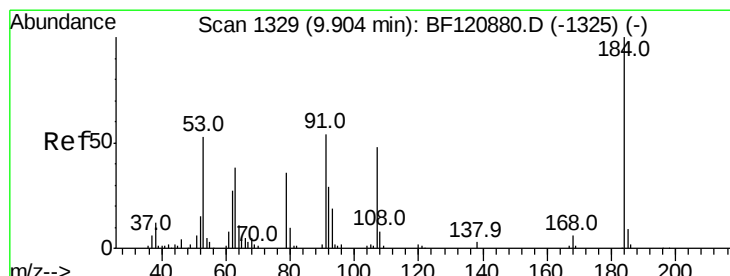
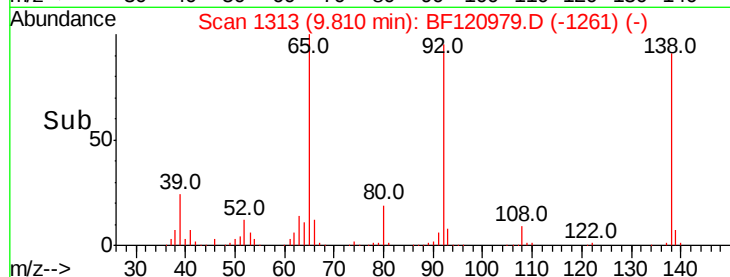
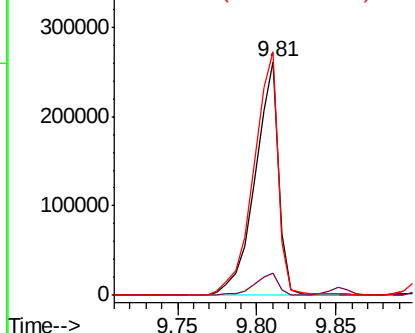
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	104.3	85.3	127.9

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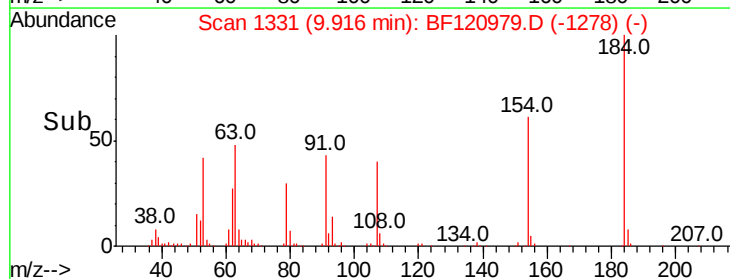
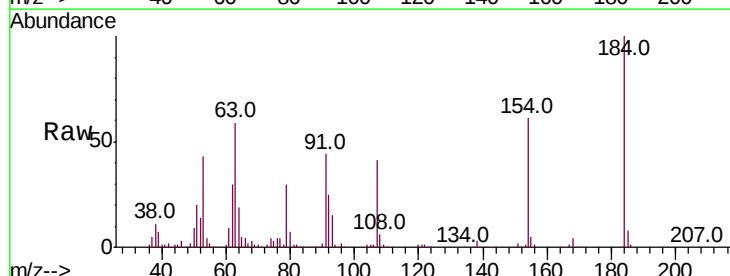
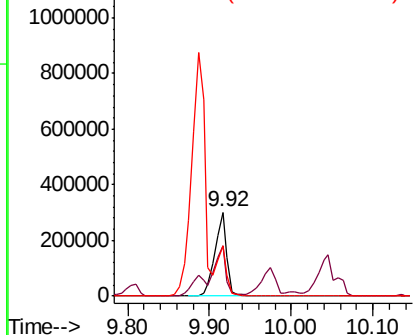
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

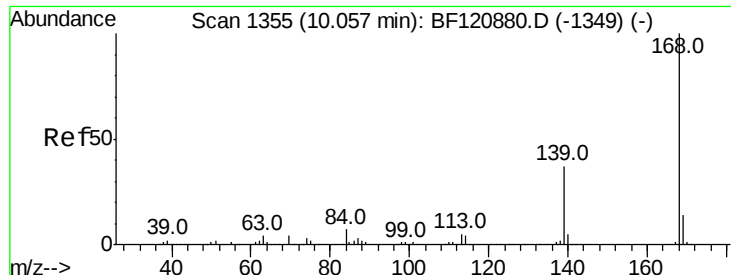


#54
2,4-Dinitrophenol
Concen: 84.846 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	57.9	86.9
154	60.6	52.6	78.8

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





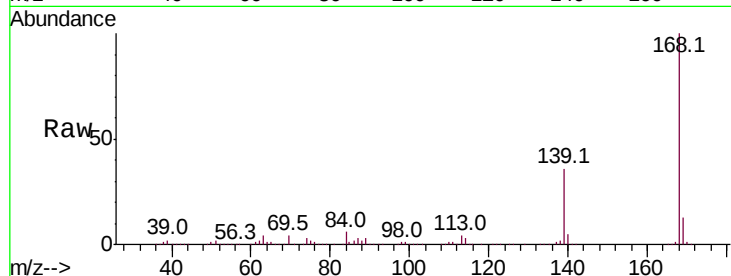
#55
Dibenzenofuran
Concen: 39.818 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

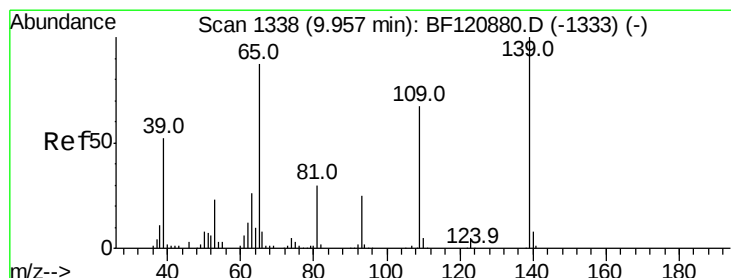
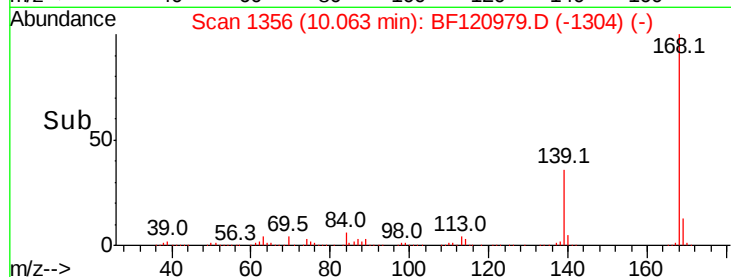
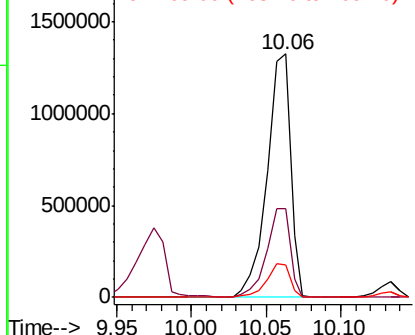
Tot Ion:168 Resp: 1443850
Ion Ratio Lower Upper
168 100
139 36.2 29.7 44.5
169 13.4 11.1 16.7

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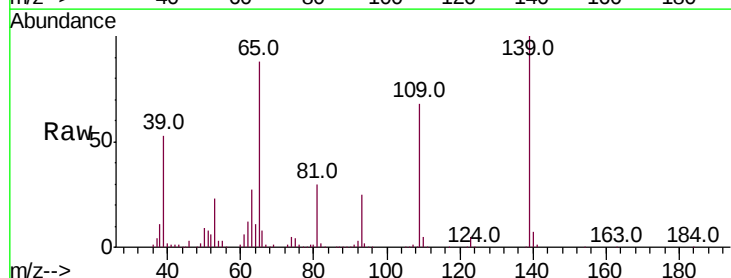


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

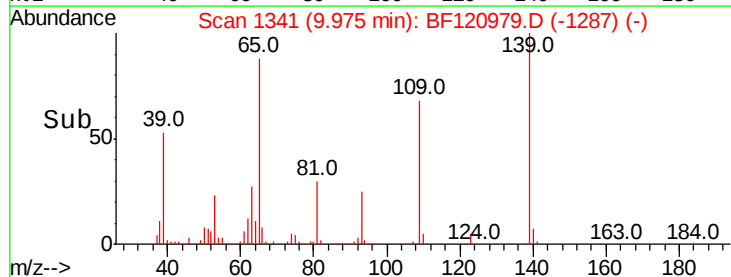
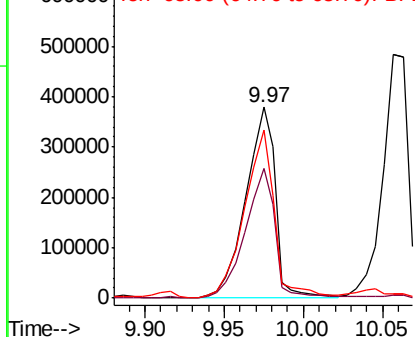


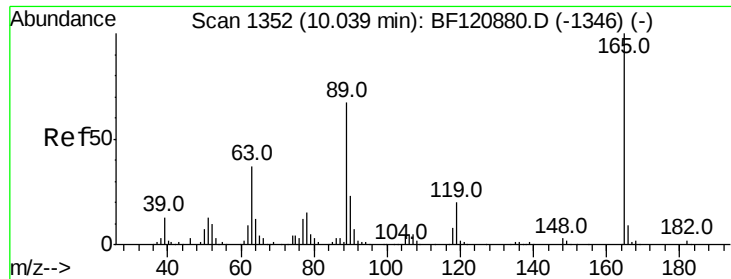
#56
4-Nitrophenol
Concen: 82.269 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:139 Resp: 495916
Ion Ratio Lower Upper
139 100
109 67.9 47.3 87.3
65 88.2 67.2 107.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





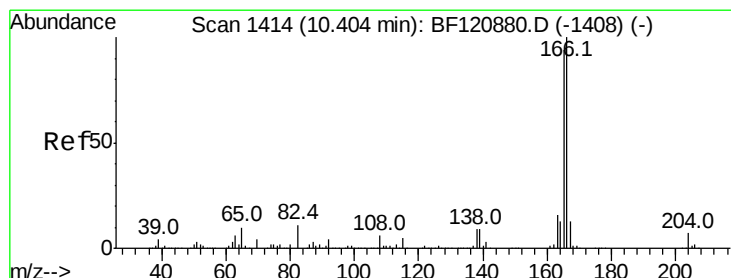
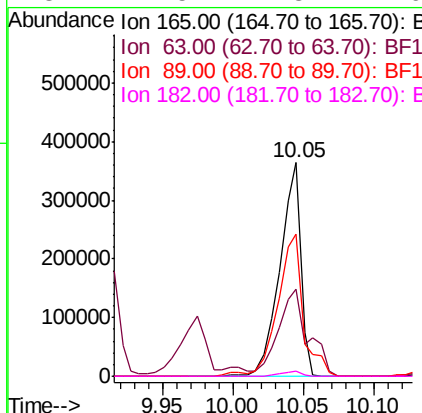
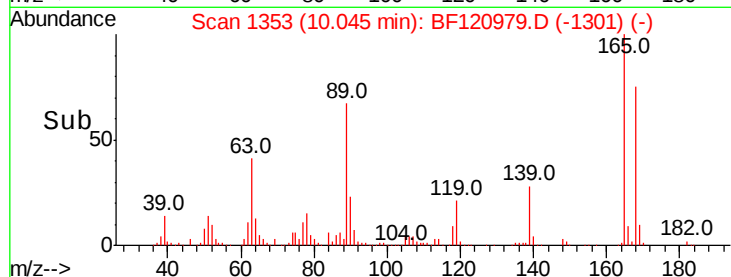
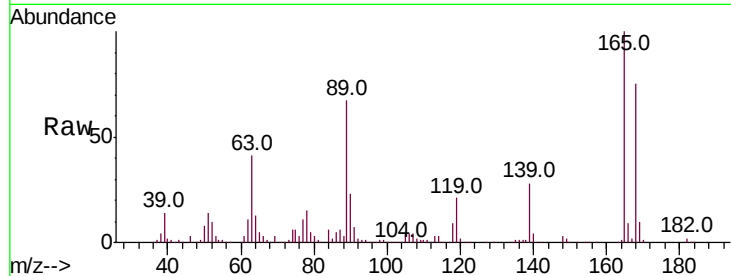
#57
2,4-Dinitrotoluene
Concen: 45.480 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.8	29.4	44.2	
89	66.6	53.4	80.0	
182	2.5	1.8	2.6	

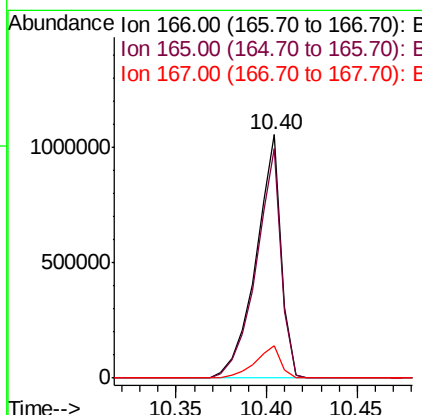
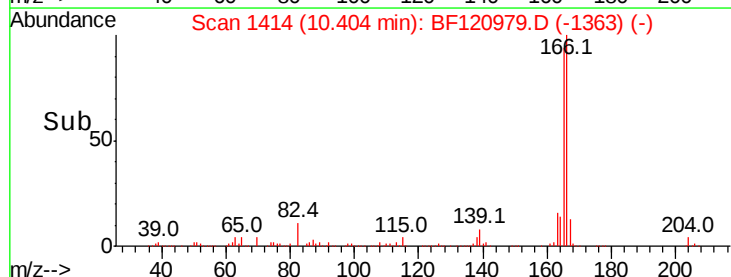
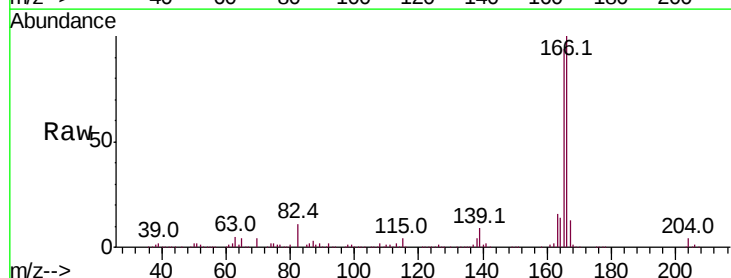
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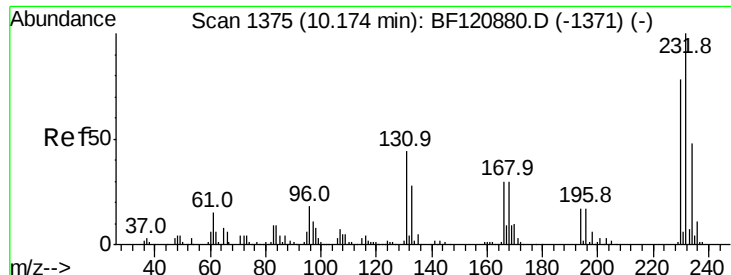
Sohil
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#58
Fluorene
Concen: 37.612 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.5	75.4	113.0	
167	13.3	10.6	15.8	





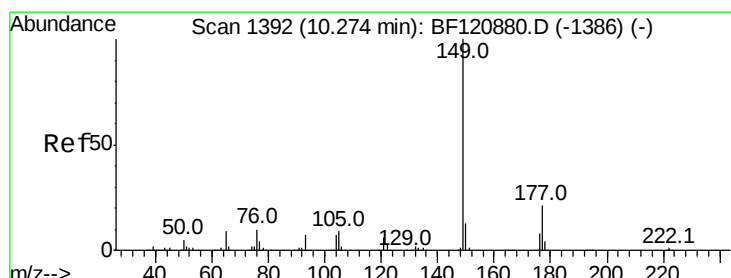
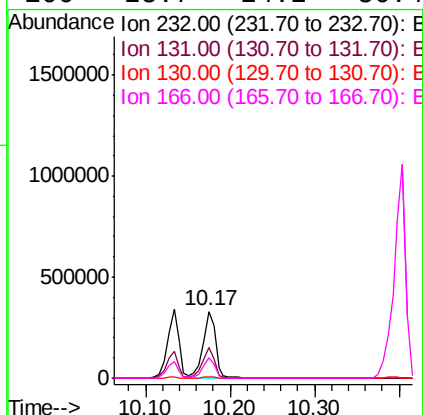
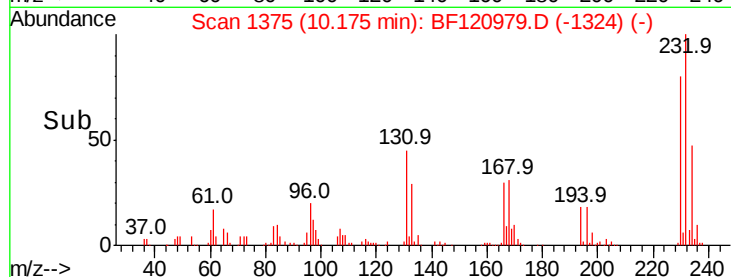
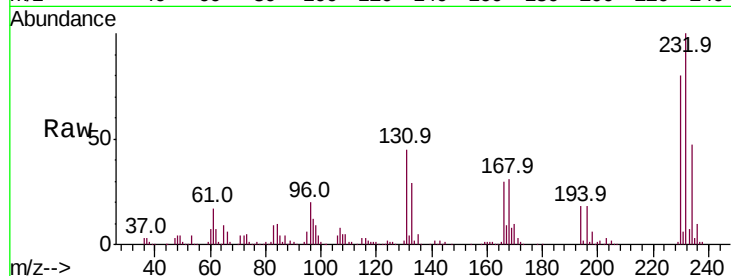
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.552 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	37.1	55.7
130	2.1	1.7	2.5
166	28.7	24.2	36.4

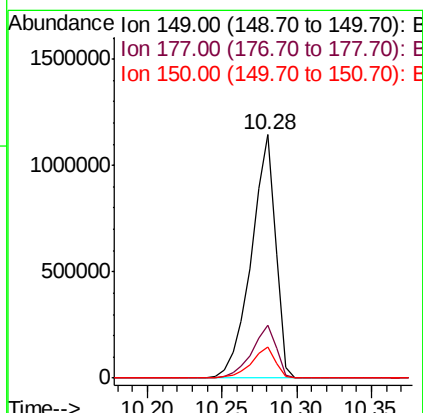
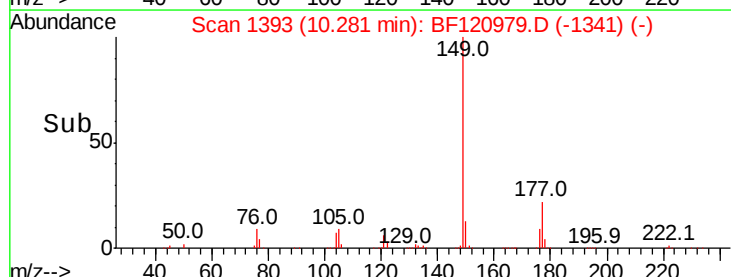
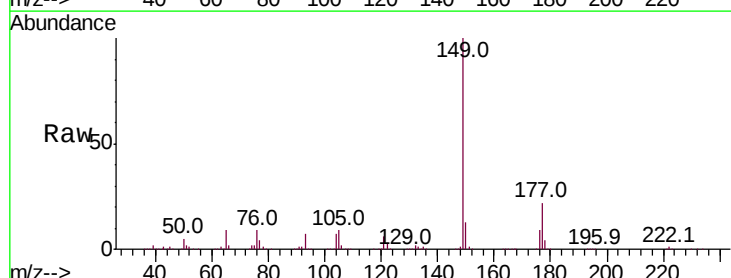
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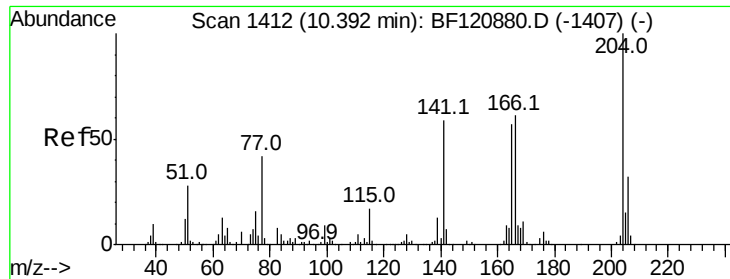
Sohil
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#60
 Diethylphthalate
 Concen: 42.947 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.1	25.7
150	13.0	10.3	15.5





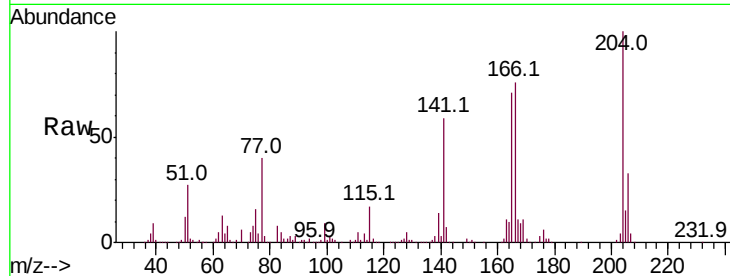
#61
4-Chlorophenyl-phenylether
Concen: 35.221 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.9	38.9
141	58.8	47.2	70.8

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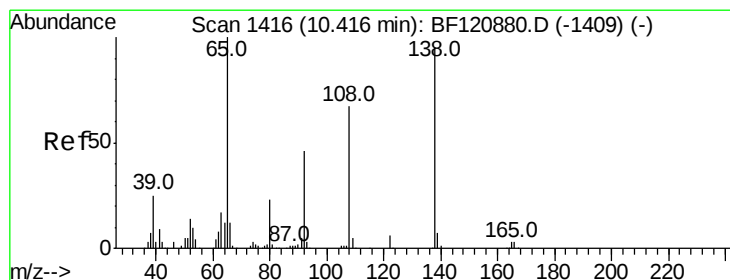
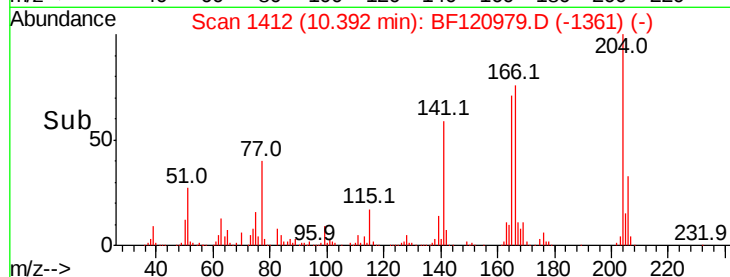
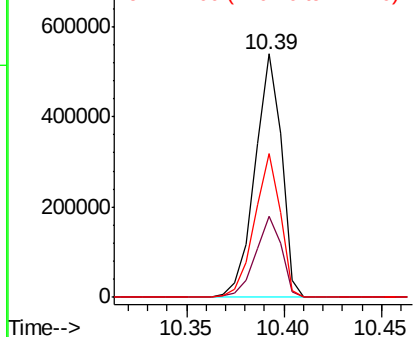


Abundance

Ion 204.00 (203.70 to 204.70): E

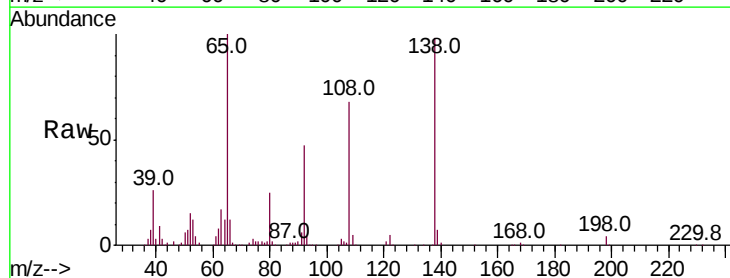
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.522 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	28.6	68.6
108	69.4	51.1	91.1

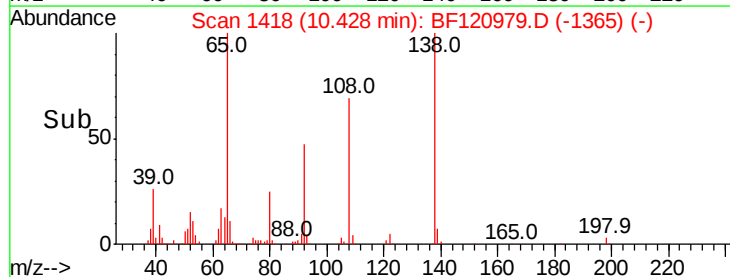
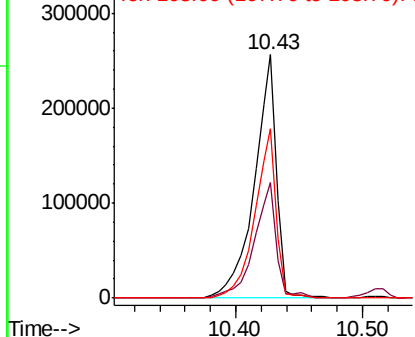


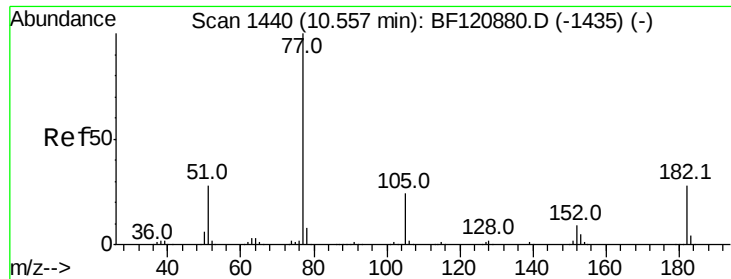
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





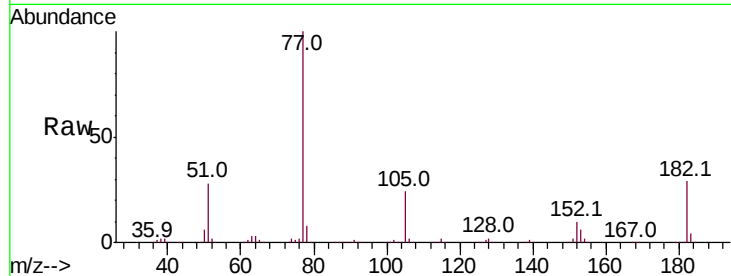
#63
Azobenzene
Concen: 41.325 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.8	7.8	47.8	
105	24.3	4.4	44.4	
51	27.9	8.0	48.0	

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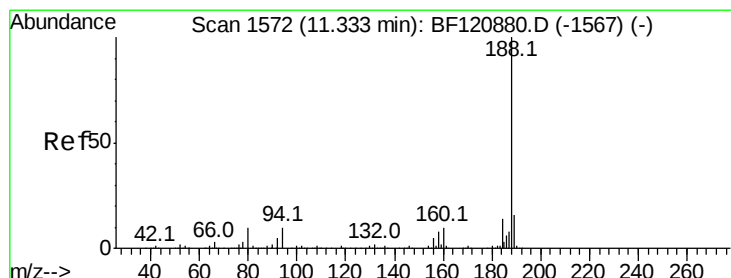
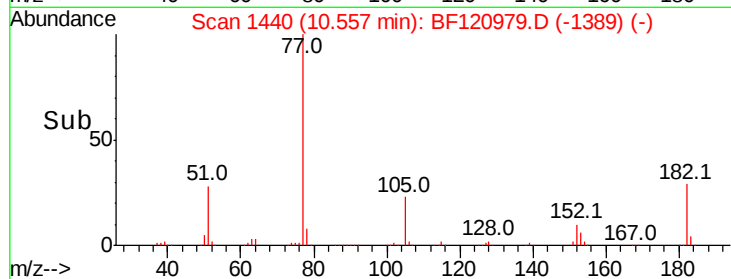
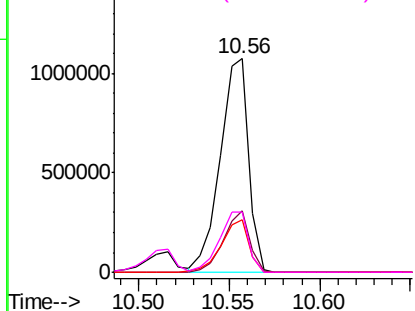
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

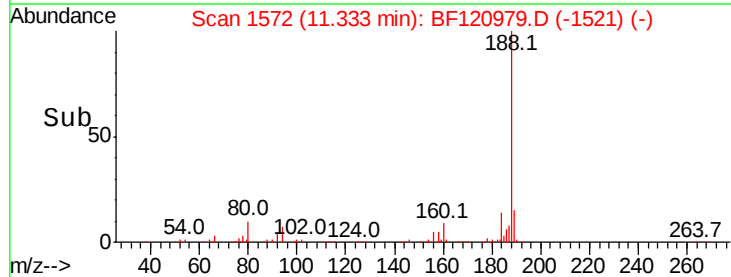
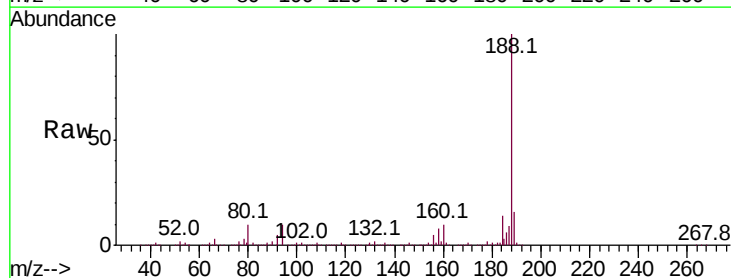
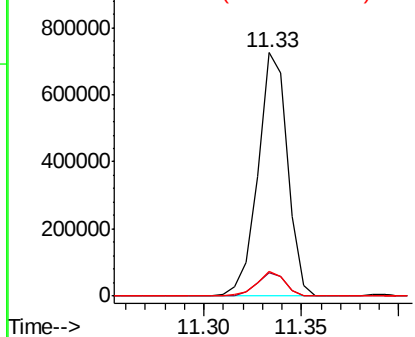
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.0	12.0	
80	10.0	8.3	12.5	

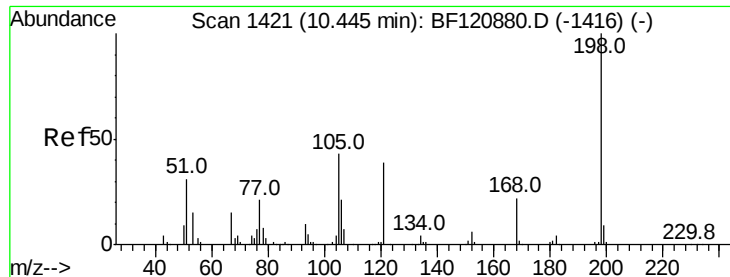
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 46.500 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130373BSD

Tot Ion:198 Resp: 204633

Ion Ratio Lower Upper

198 100

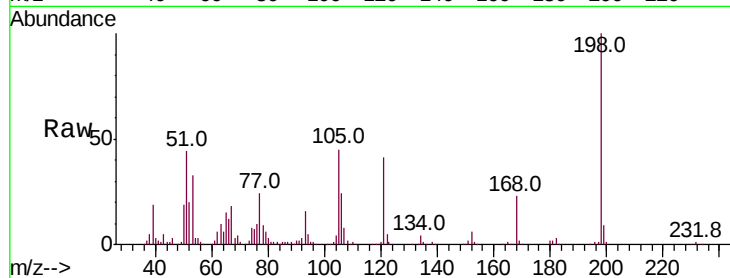
51 43.8 19.5 59.5

105 45.1 24.4 64.4

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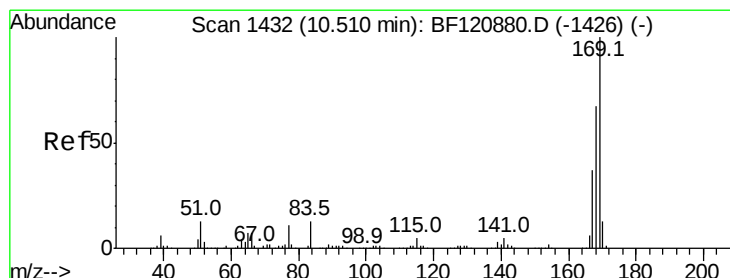
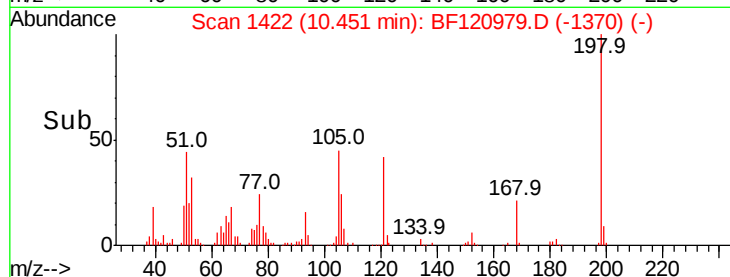
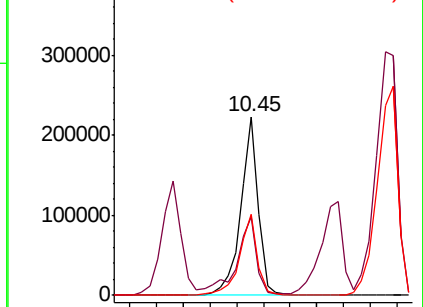
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.277 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

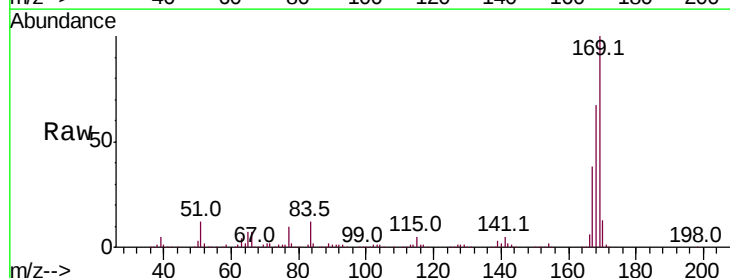
Tgt Ion:169 Resp: 1038078

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

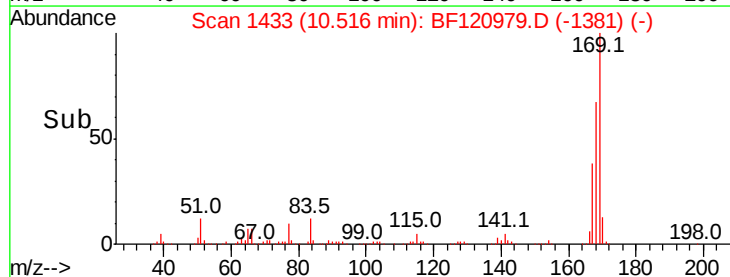
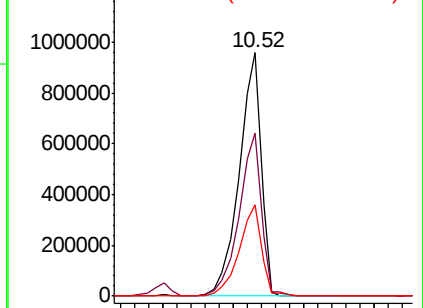
167 37.8 29.4 44.0

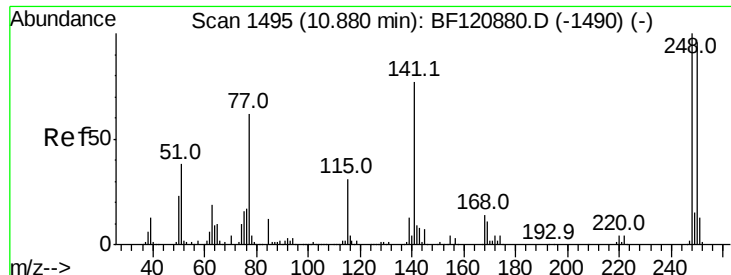


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.460 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

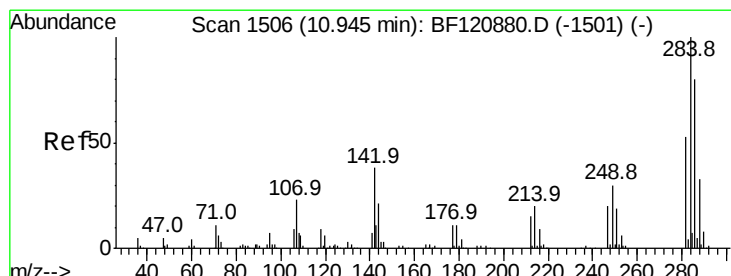
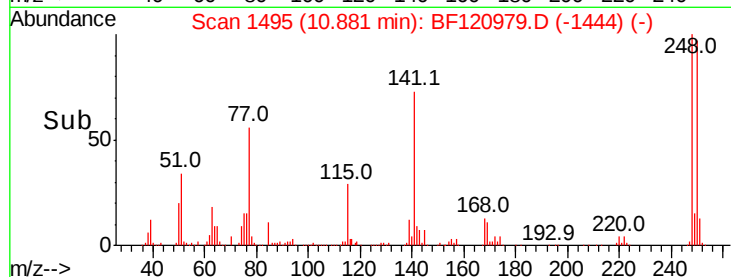
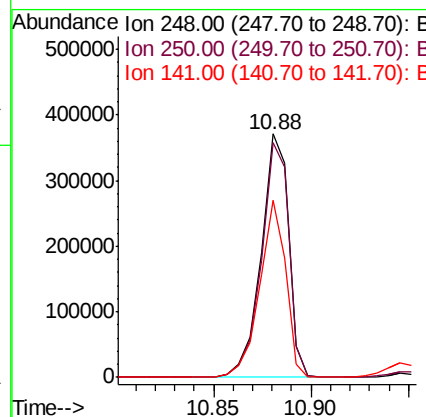
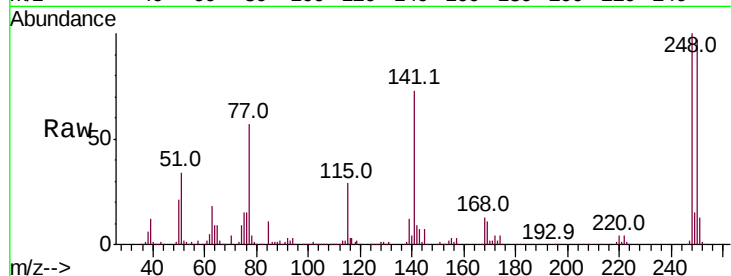
ClientSampleId :

PB130373BSD

Tot Ion:	248	Resp:	360968
Ion Ratio	Lower	Upper	
248	100		
250	96.5	77.1	115.7
141	72.5	61.2	91.8

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#68

Hexachlorobenzene

Concen: 43.329 ng

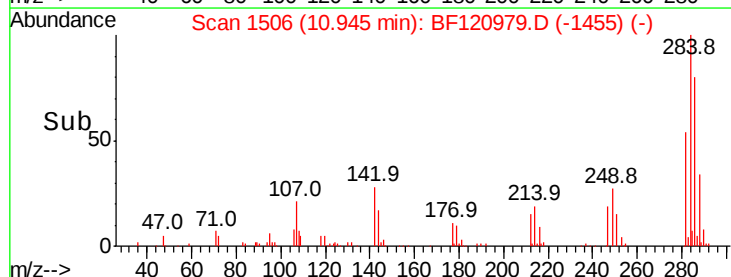
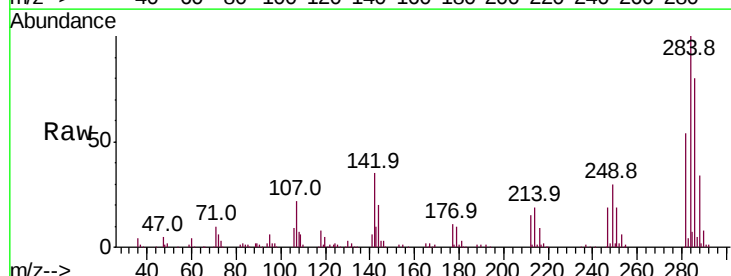
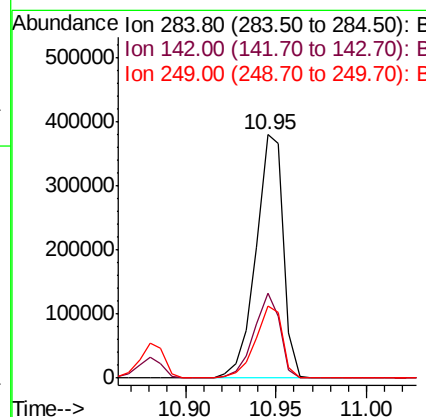
RT: 10.95 min Scan# 1506

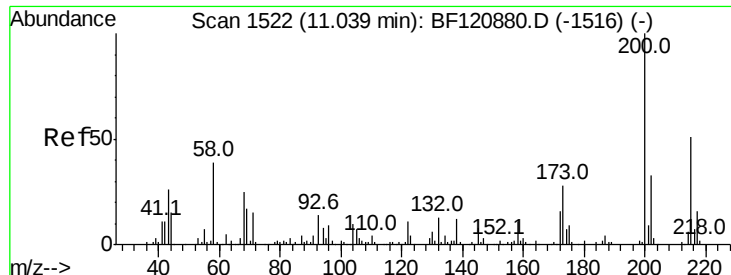
Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Tgt Ion:	284	Resp:	398459
Ion Ratio	Lower	Upper	
284	100		
142	34.7	30.2	45.2
249	29.8	24.2	36.2





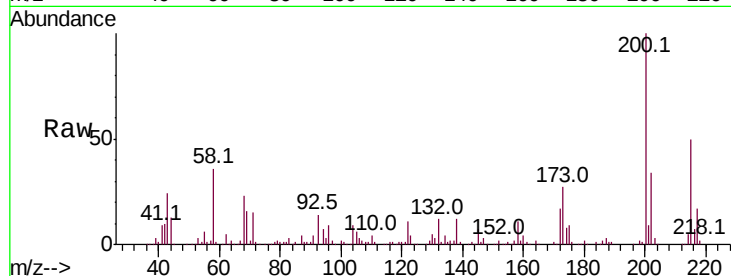
#69
Atrazine
Concen: 50.510 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

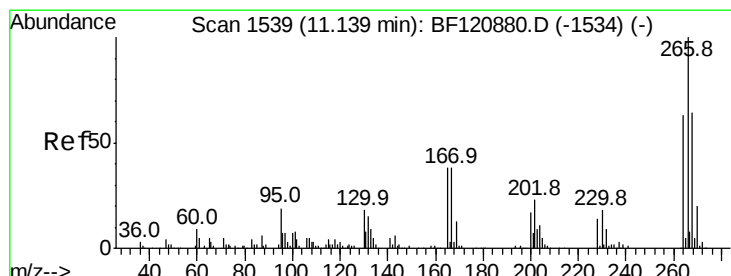
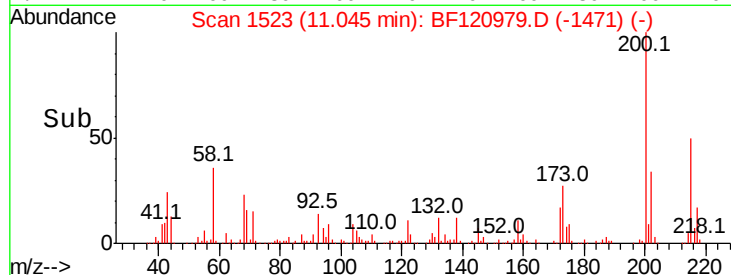
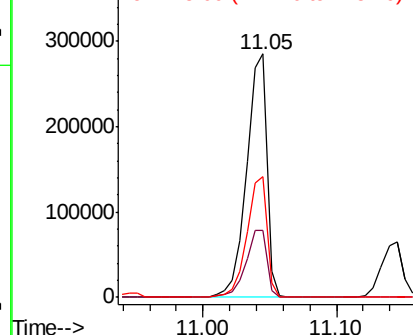
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.0	48.0
215	49.8	31.5	71.5

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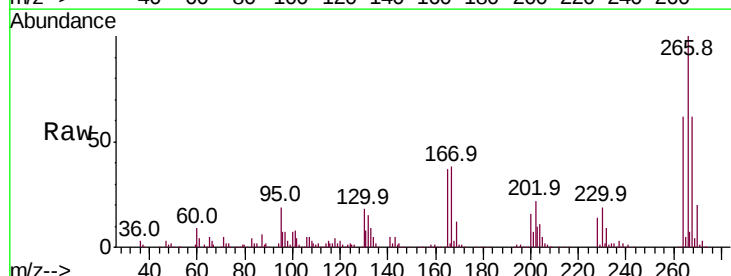


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

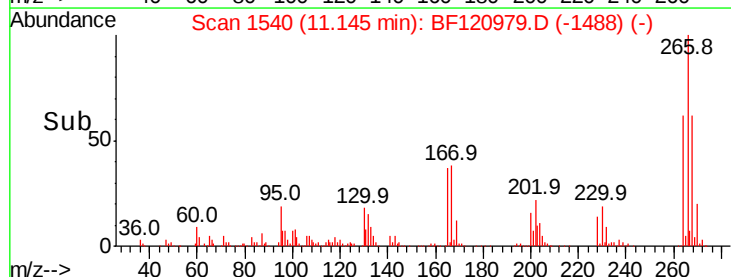
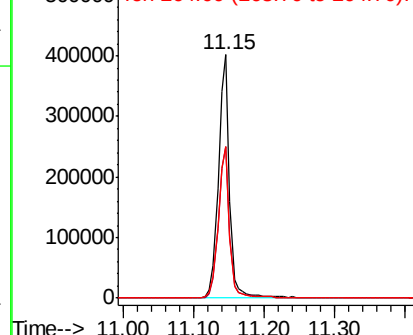


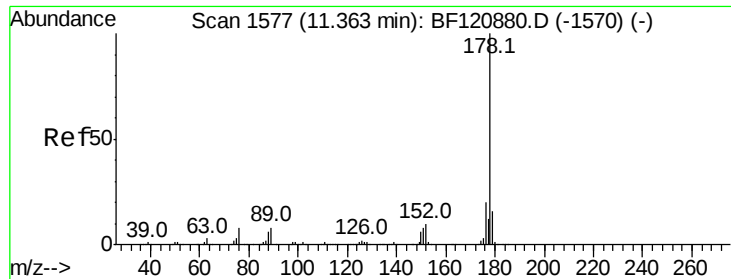
#70
Pentachlorophenol
Concen: 84.532 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	62.4	50.2	75.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.407 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130373BSD

Tot Ion:178 Resp: 1584575

Ion Ratio Lower Upper

178 100

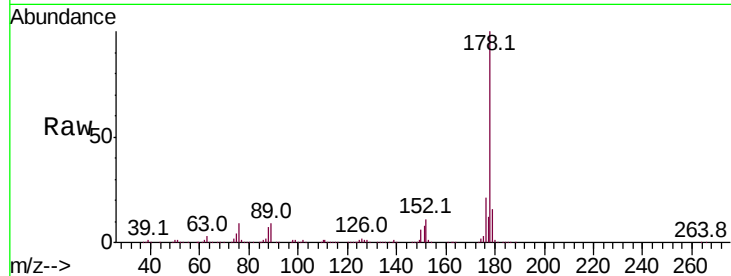
176 20.8 16.2 24.4

179 16.2 12.8 19.2

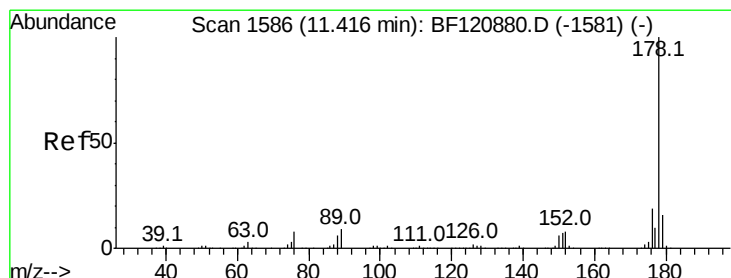
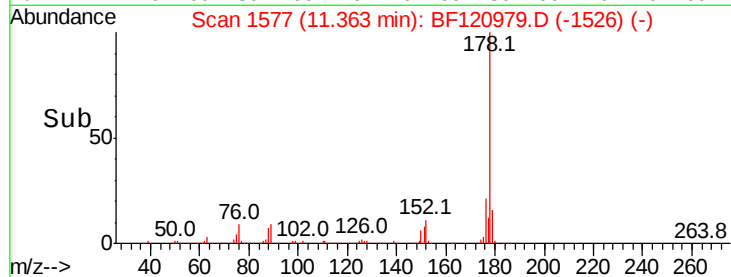
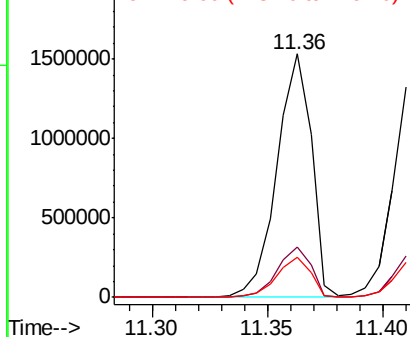
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.276 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

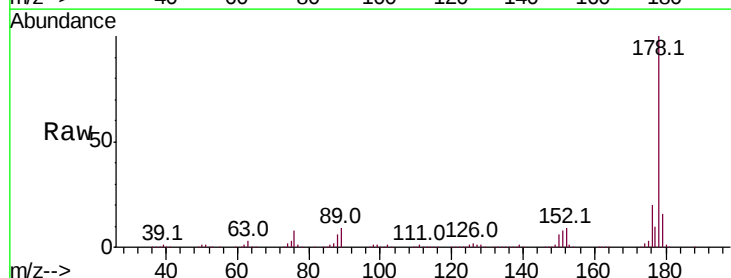
Tgt Ion:178 Resp: 1625364

Ion Ratio Lower Upper

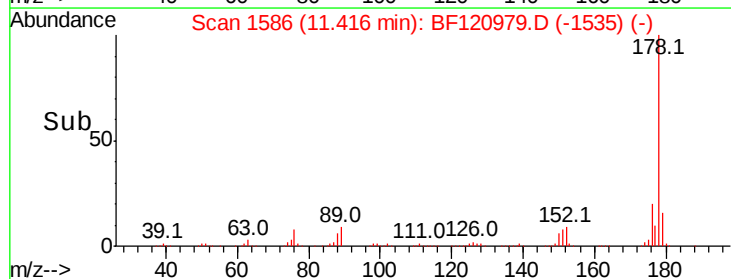
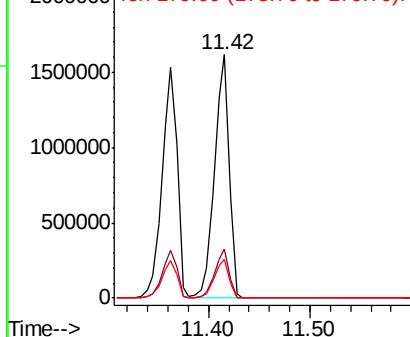
178 100

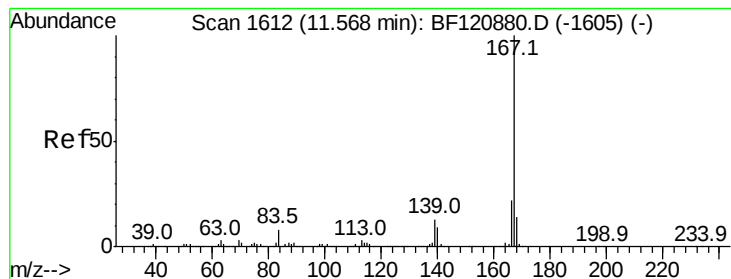
176 20.1 15.5 23.3

179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.836 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130373BSD

Tot Ion:167 Resp: 1556750

Ion Ratio Lower Upper

167 100

166 22.6 17.7 26.5

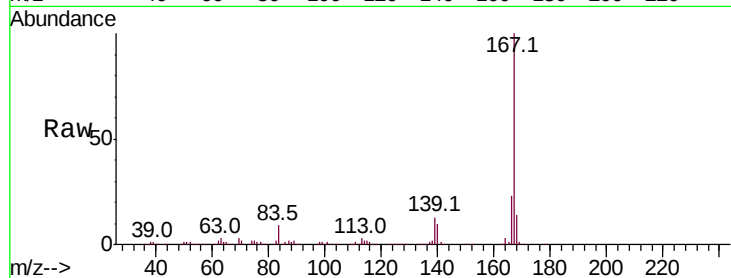
139 13.3 10.1 15.1

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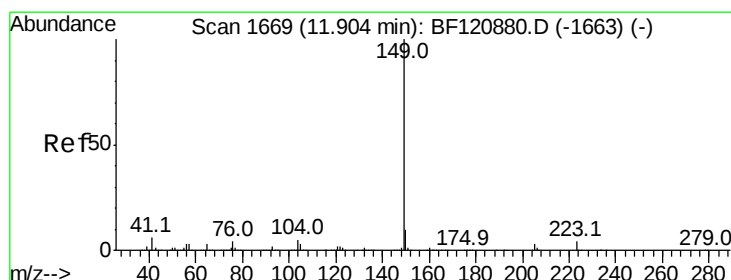
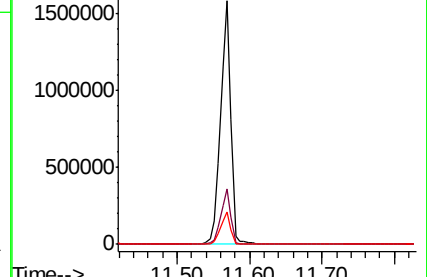
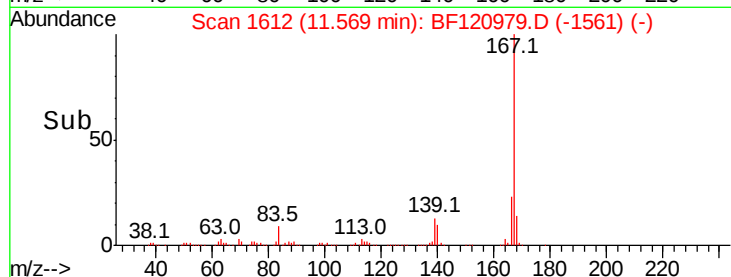
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.398 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

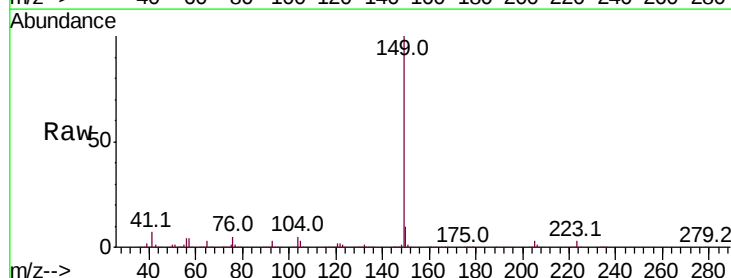
Tgt Ion:149 Resp: 1912049

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

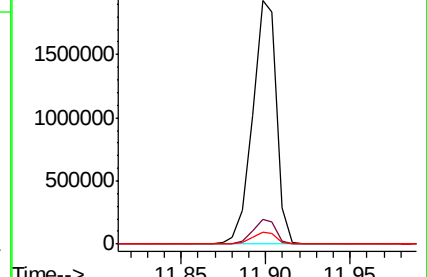
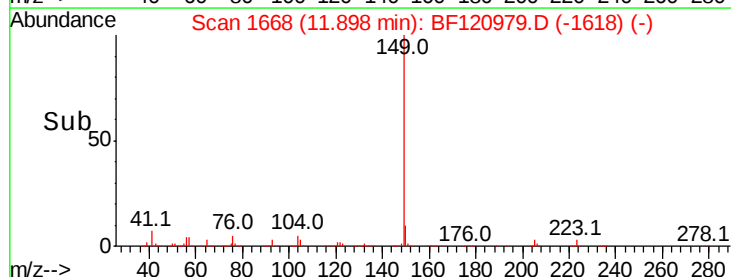
104 5.1 3.8 5.6

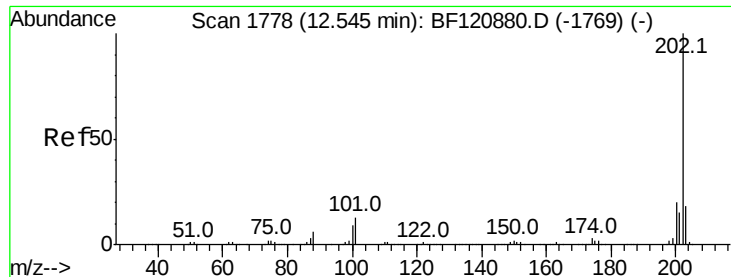


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





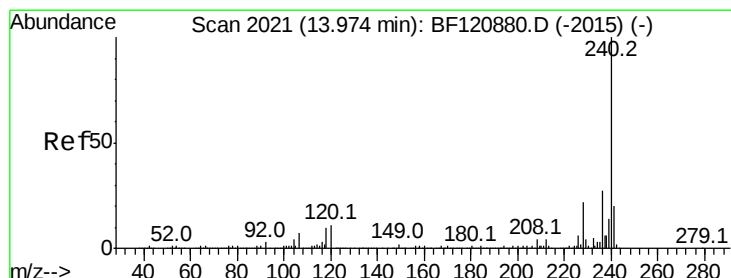
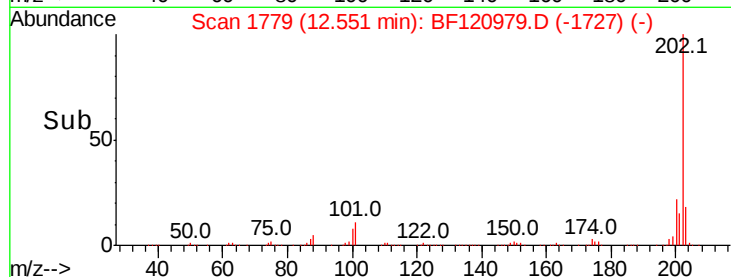
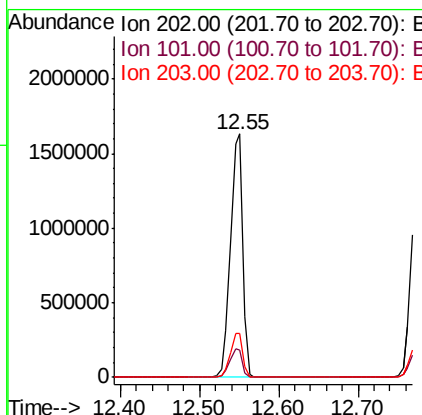
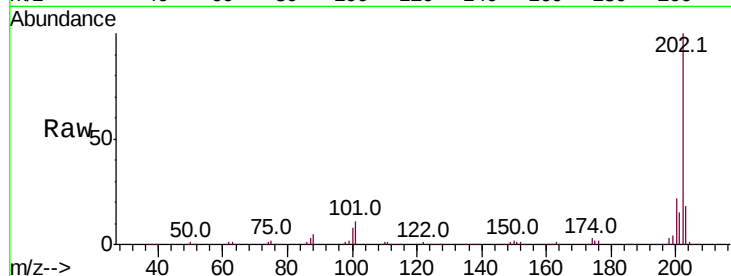
#75
 Fluoranthene
 Concen: 40.202 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.7
203	18.2	0.0	38.0

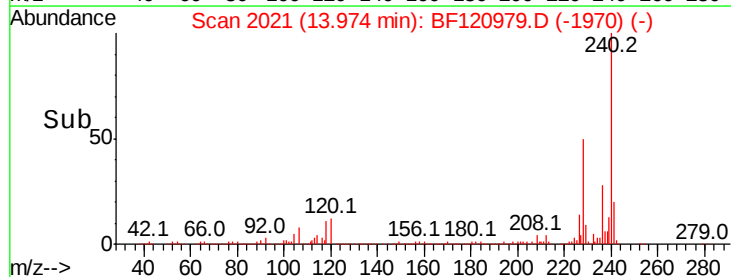
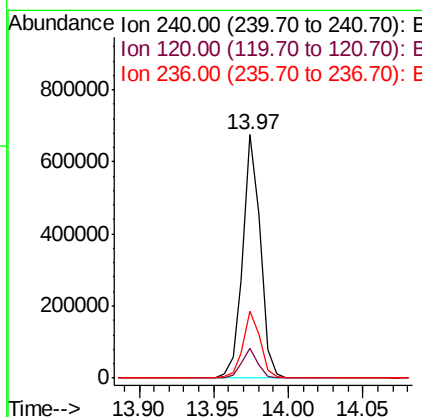
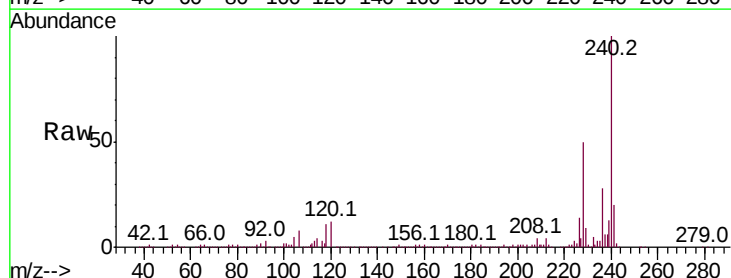
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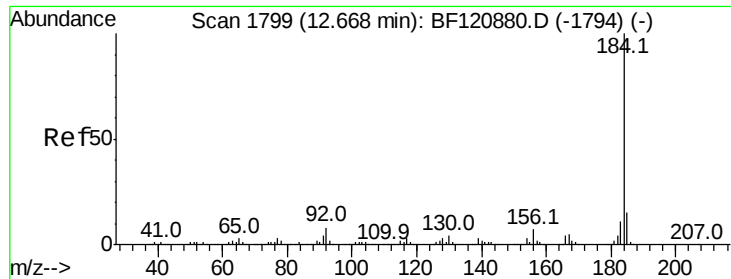
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.0	13.4
236	27.6	21.7	32.5





#77

Benzidine

Concen: 59.244 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

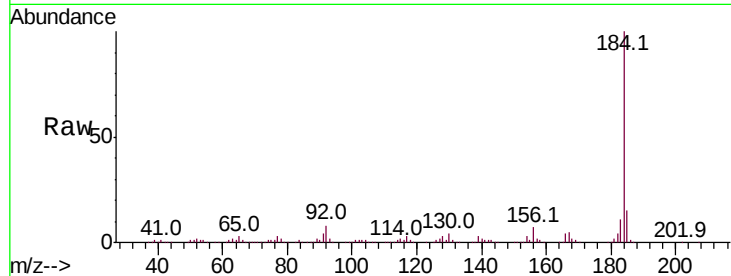
ClientSampleId :

PB130373BSD

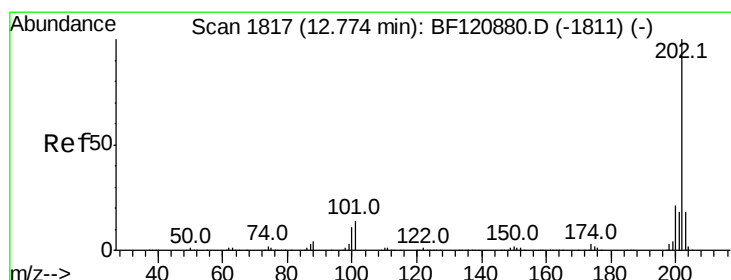
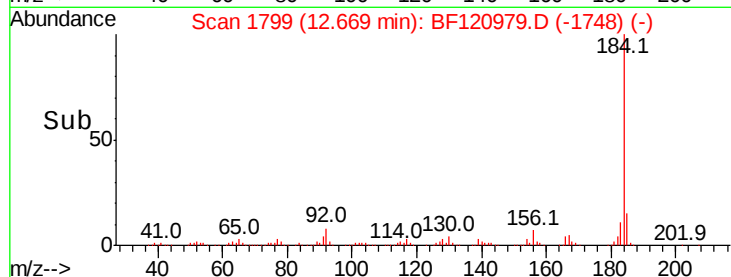
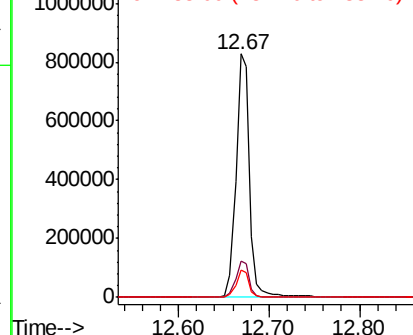
Tot Ion:	184	Resp:	864066
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	11.2	8.5	12.7

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.907 ng

RT: 12.78 min Scan# 1818

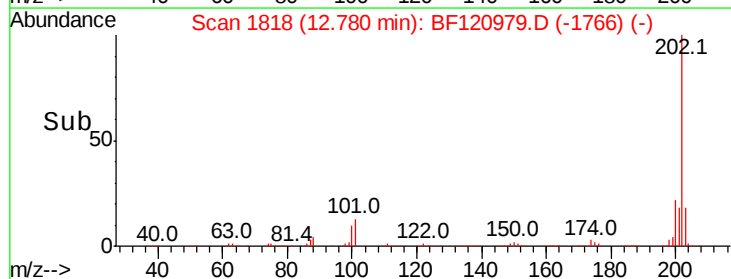
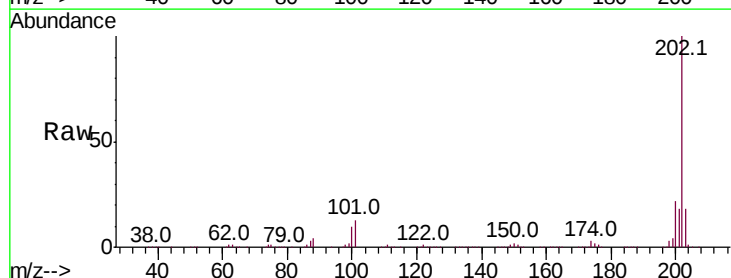
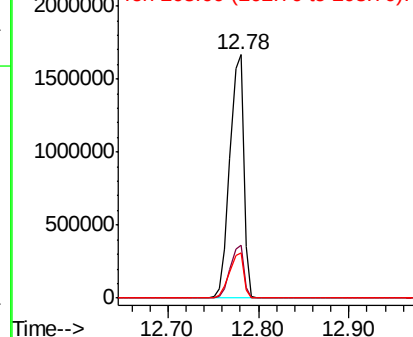
Delta R.T. 0.01 min

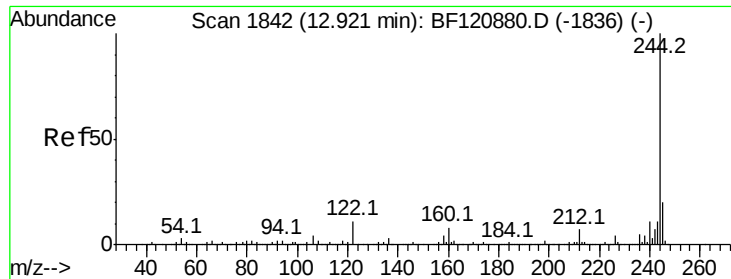
Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Tgt Ion:	202	Resp:	1761222
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.0	25.4
203	18.4	14.4	21.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 83.388 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

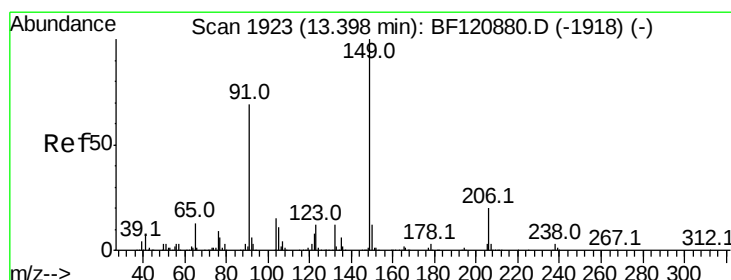
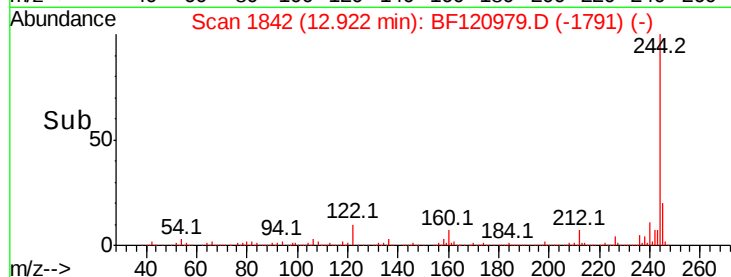
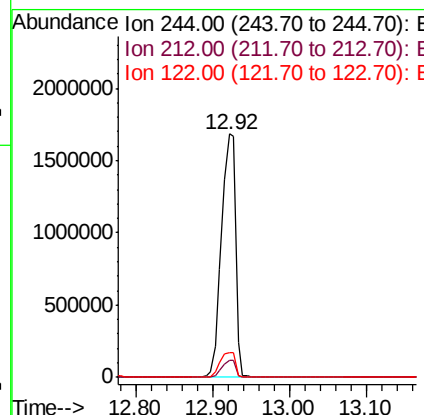
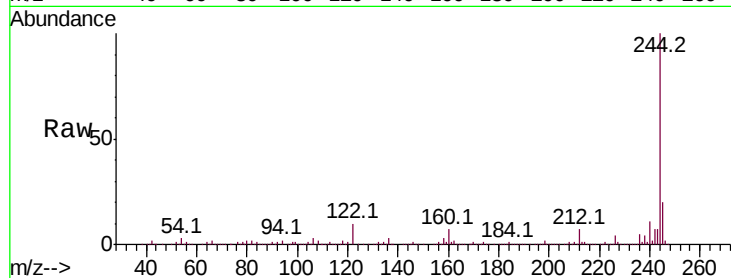
Instrument :
 BNA_F
 ClientSampleId :
 PB130373BSD

Tot Ion:244 Resp: 2127987

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.1	8.9	13.3

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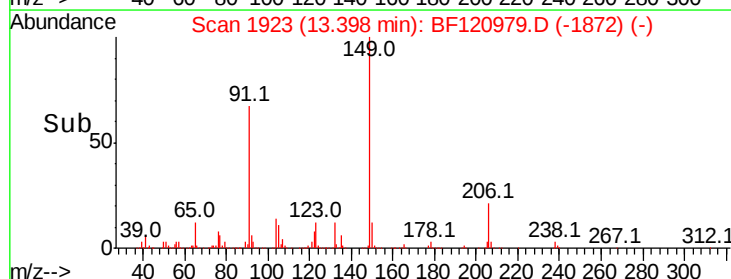
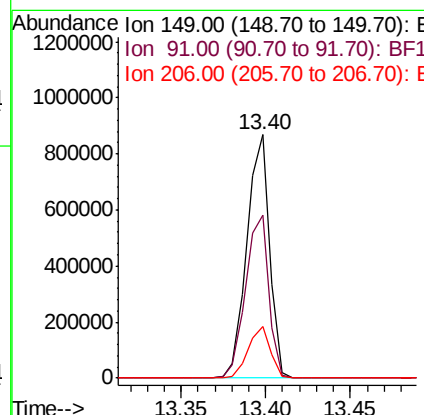
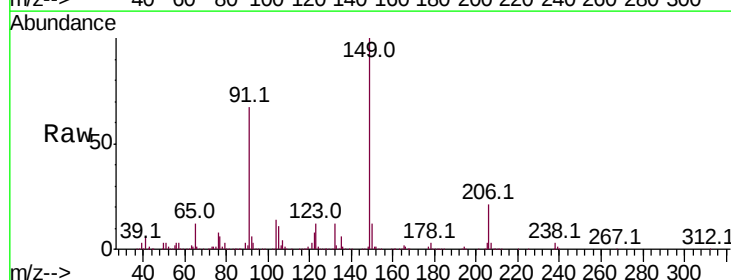
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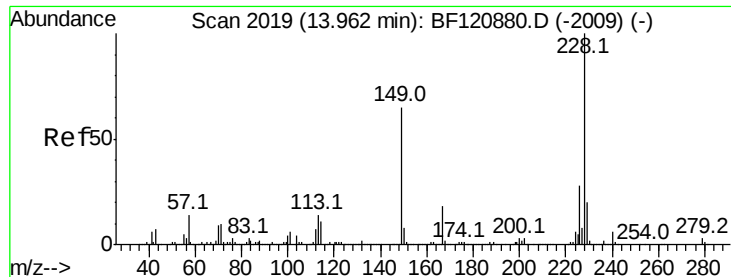


#80
 Butylbenzylphthalate
 Concen: 46.615 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion:149 Resp: 814998

Ion	Ratio	Lower	Upper
149	100		
91	67.2	55.1	82.7
206	21.5	16.1	24.1





#81

Benzo(a)anthracene

Concen: 39.513 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130373BSD

Tot Ion:228 Resp: 1327298

Ion Ratio Lower Upper

228 100

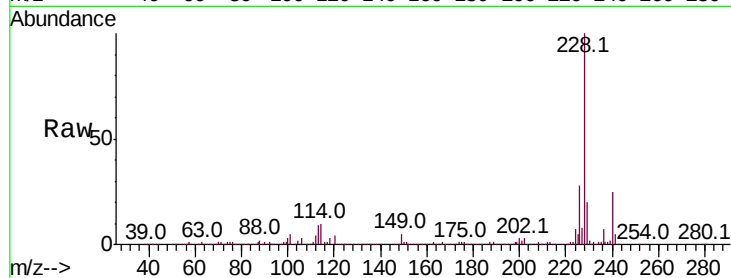
226 28.2 22.3 33.5

229 20.1 16.1 24.1

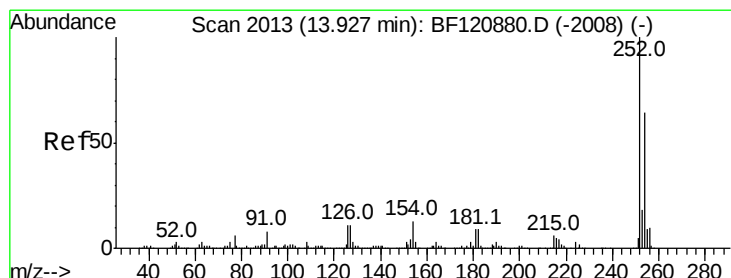
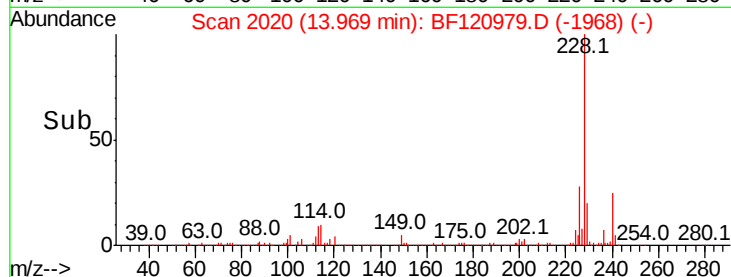
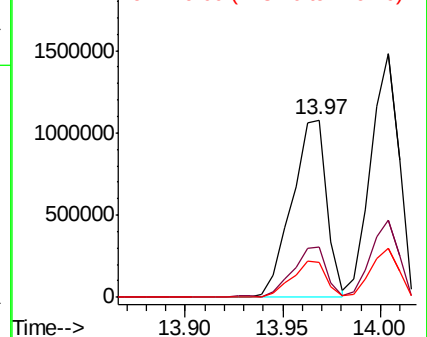
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Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.846 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

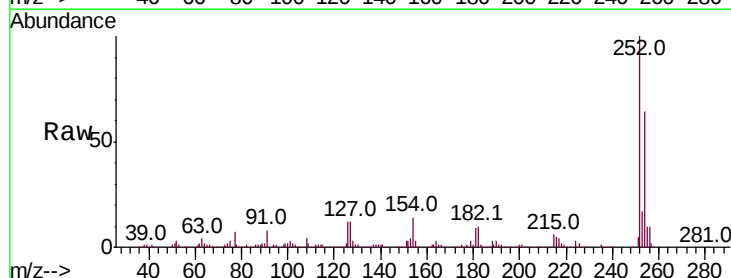
Tgt Ion:252 Resp: 543001

Ion Ratio Lower Upper

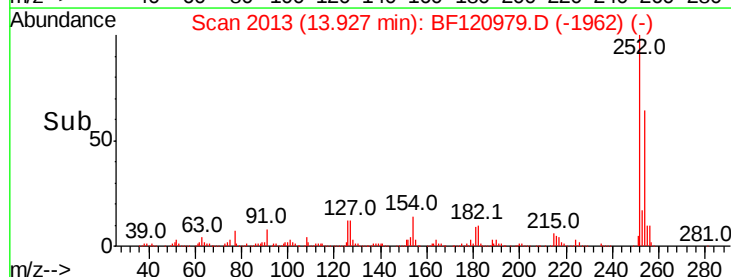
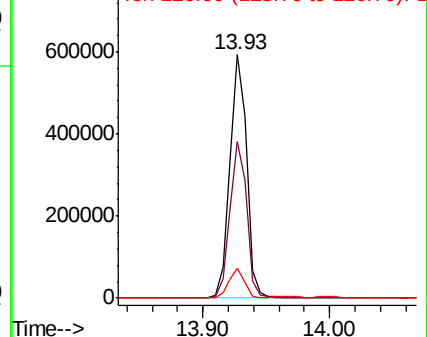
252 100

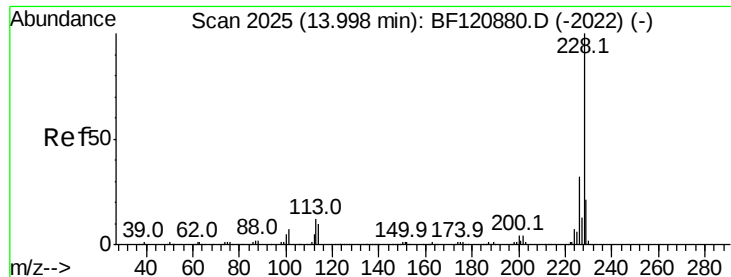
254 64.1 51.2 76.8

126 12.1 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
800000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





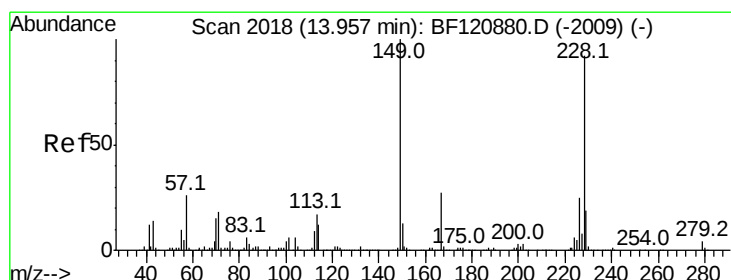
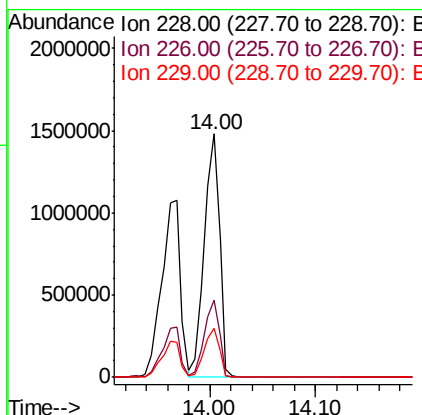
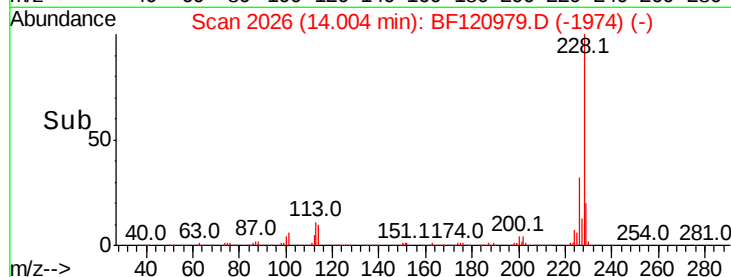
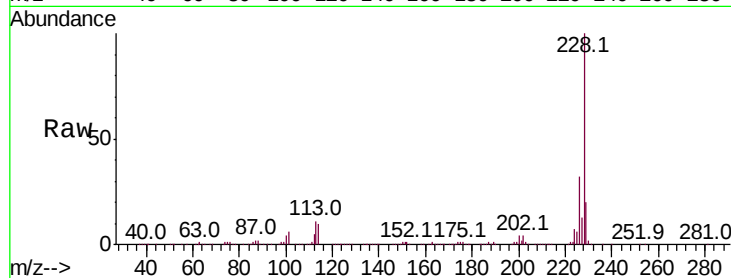
#83
 Chrvsene
 Concen: 42.010 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.6	38.4
229	20.3	16.8	25.2

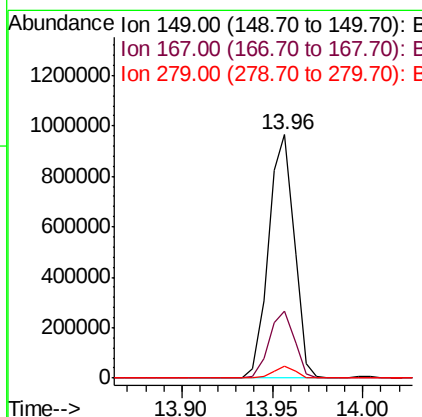
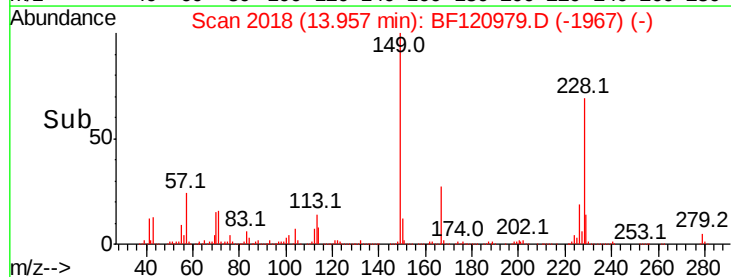
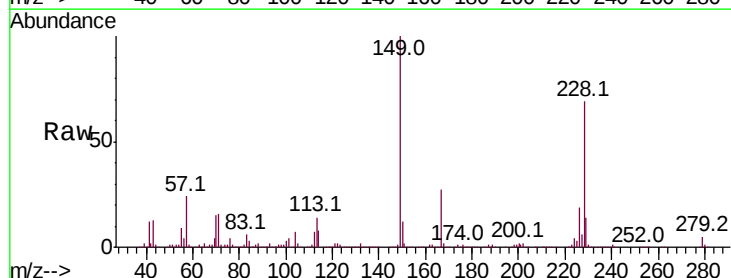
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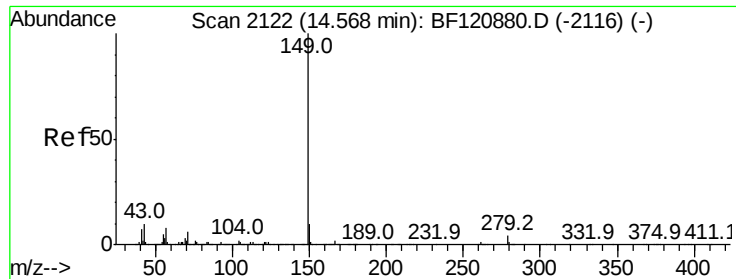
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.121 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.9	32.9
279	4.8	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 43.601 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130373BSD

Tot Ion:149 Resp: 1870154

Ion Ratio Lower Upper

149 100

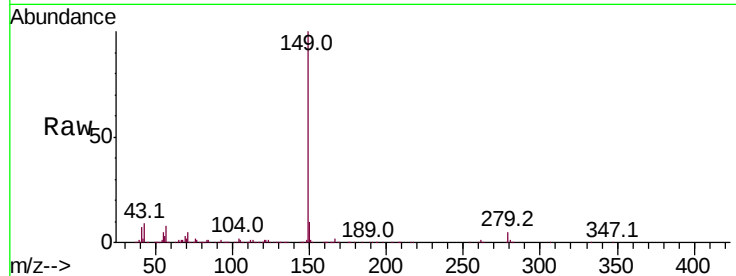
167 1.6 1.3 1.9

43 9.0 7.6 11.4

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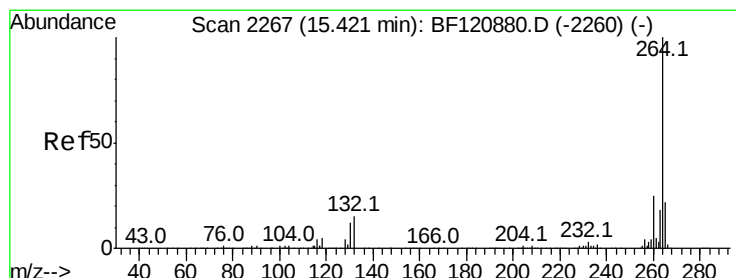
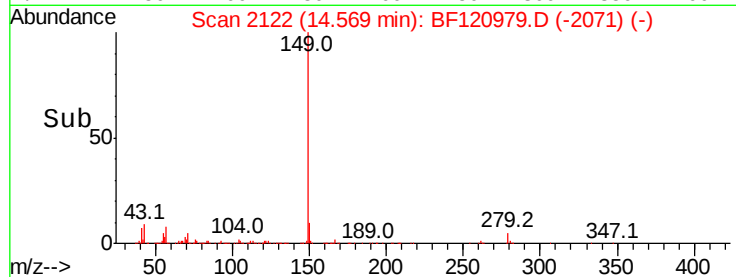
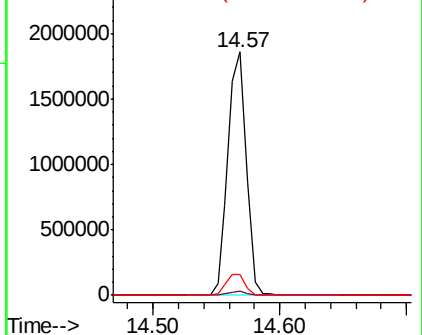
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

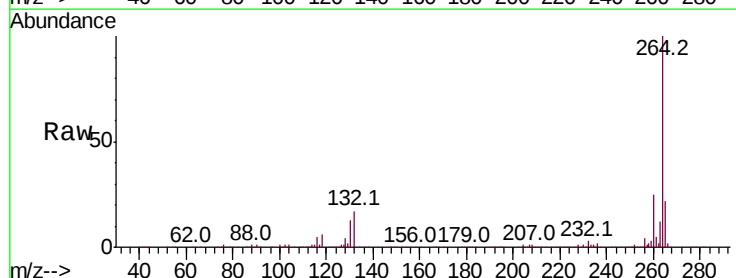
Tgt Ion:264 Resp: 537644

Ion Ratio Lower Upper

264 100

260 24.5 20.0 30.0

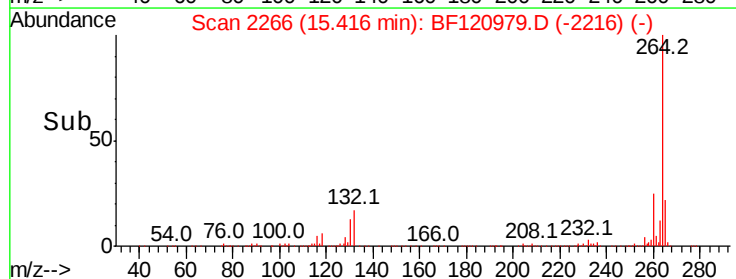
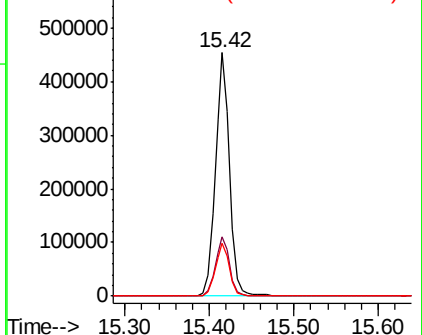
265 22.0 17.4 26.2

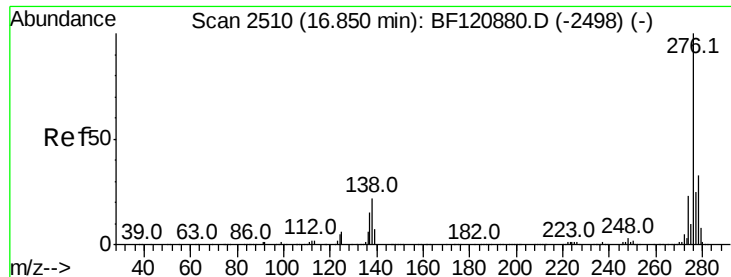


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





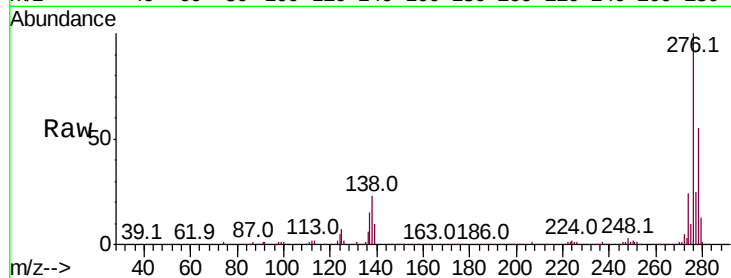
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.910 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BSD

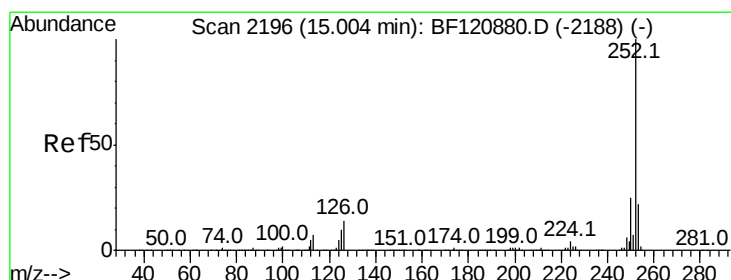
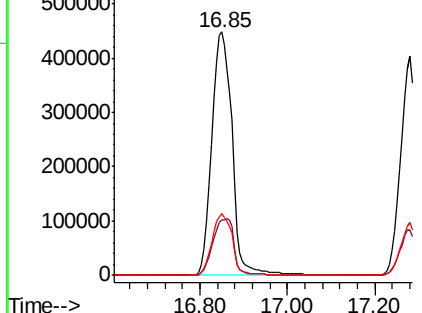
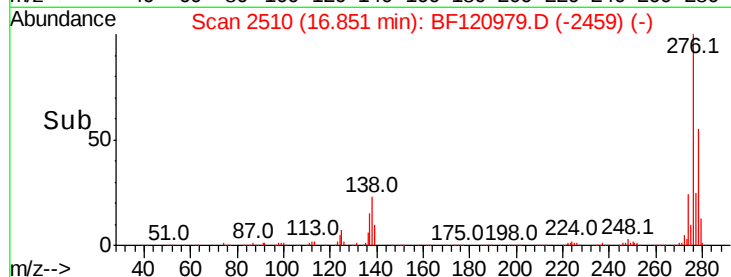
Tot Ion:276 Resp: 1454879
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.8 29.8
 277 25.3 20.2 30.2

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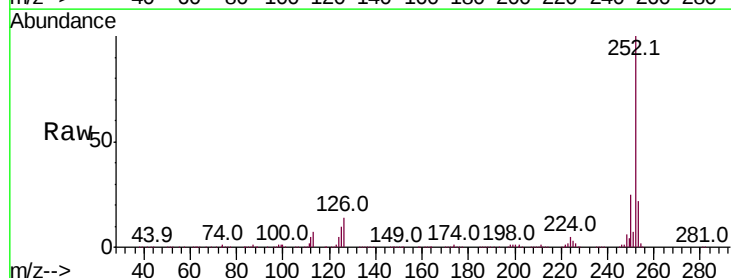


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

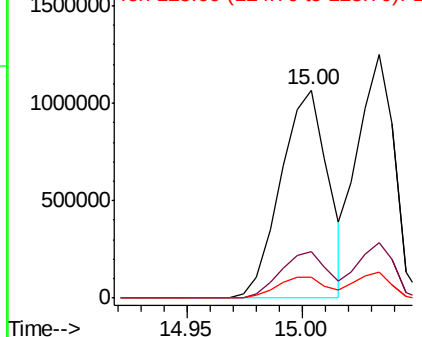
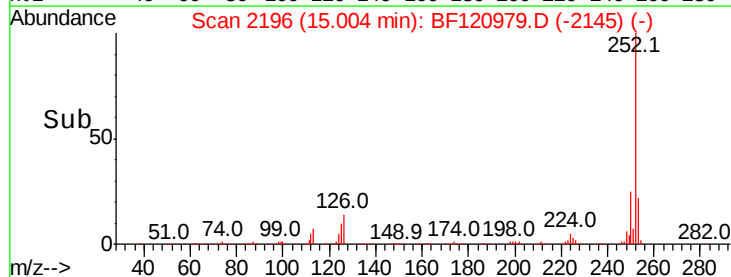


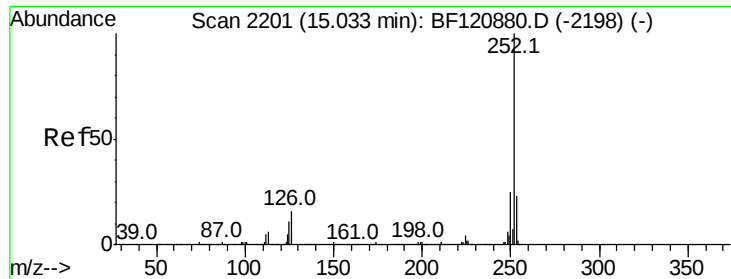
#88
 Benzo(b)fluoranthene
 Concen: 46.728 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion:252 Resp: 1518607
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 10.1 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





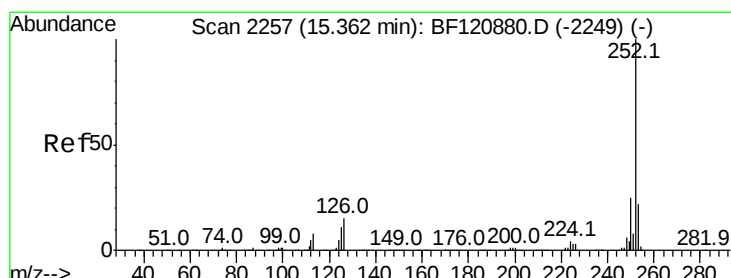
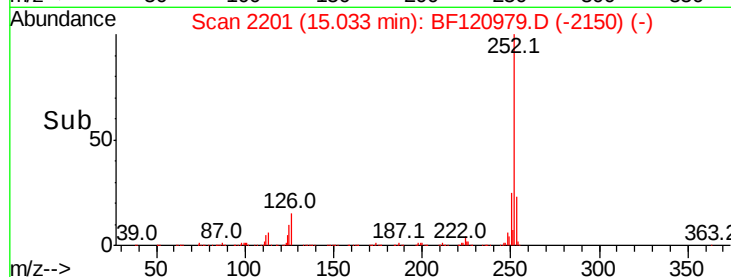
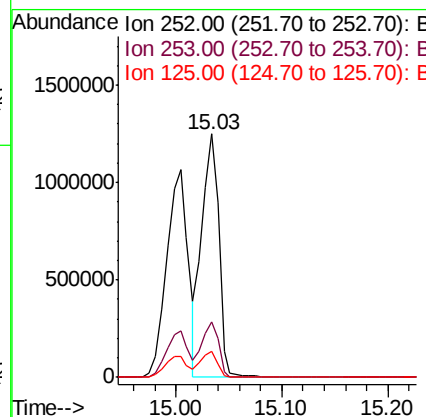
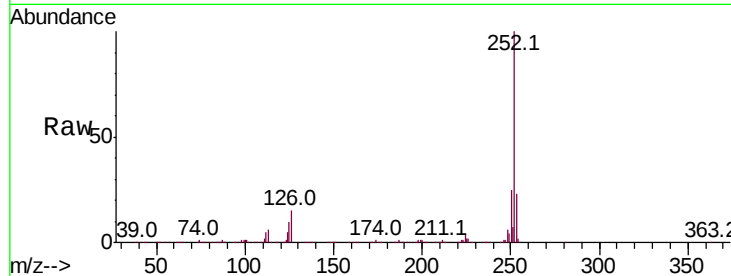
#89
Benzo(k)fluoranthene
Concen: 46.698 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion:252 Resp: 1384071
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.4 8.4 12.6

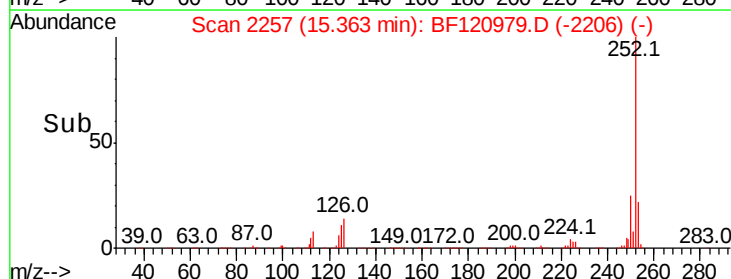
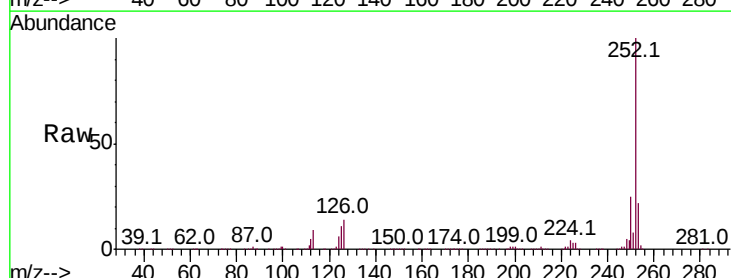
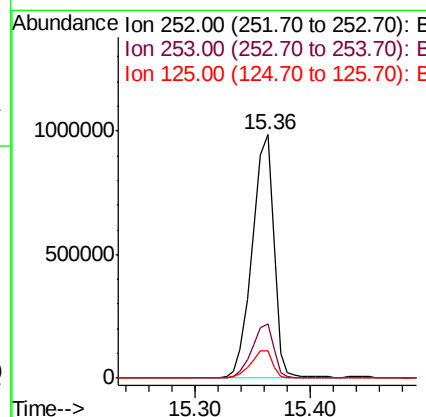
Manual Integrations
APPROVED

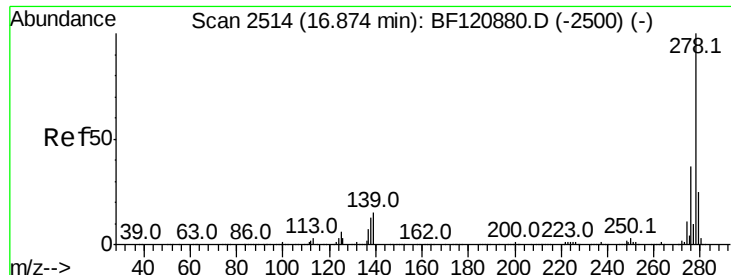
Sohil
7/24/2020 12:12:13 PM



#90
Benzo(a)pyrene
Concen: 43.634 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:252 Resp: 1293766
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.1 8.9 13.3





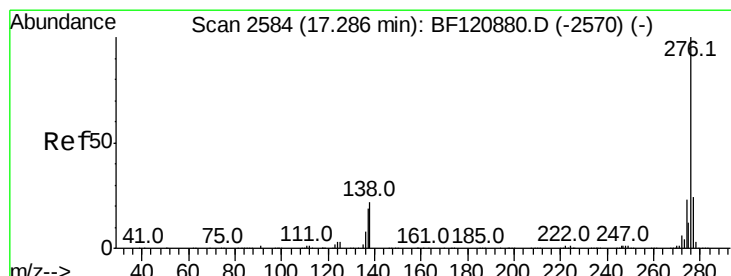
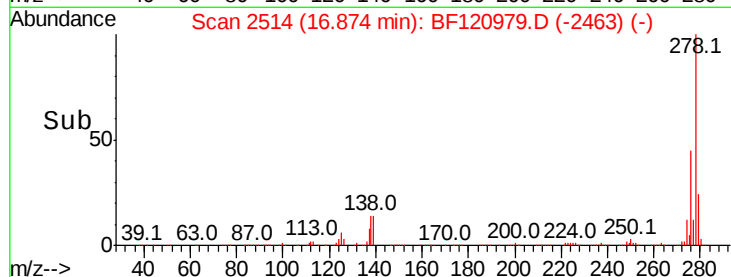
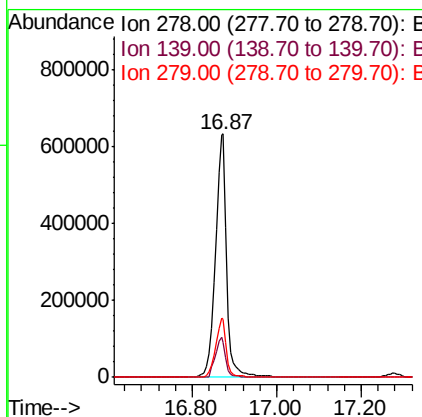
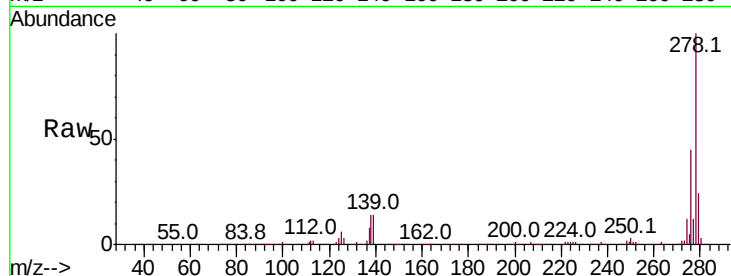
#91
Dibenzo(a,h)anthracene
Concen: 40.227 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.3	18.5
279	23.8	20.1	30.1

Manual Integrations
APPROVED

Sohil
7/24/2020 12:12:13 PM



#92
Benzo(g,h,i)perylene
Concen: 37.341 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.5	17.5	26.3

