

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120949.D
 Acq On : 21 Jul 2020 10:34
 Operator : JU/CG
 Sample : PB130301BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

Manual Integrations
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Sohil
 7/24/2020 12:09:40 PM

Quant Time: Jul 21 11:41:38 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	195402	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	750170	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	389638	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	714085	20.00	ng	0.00
76) Chrysene-d12	13.98	240	531445	20.00	ng	0.00
86) Perylene-d12	15.42	264	506270	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1423322	119.41	ng	0.02
7) Phenol-d6	6.46	99	1762260	114.46	ng	0.01
23) Nitrobenzene-d5	7.39	82	1137838	87.77	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	505903	118.62	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1977408	75.77	ng	0.00
79) Terphenyl-d14	12.93	244	2032785	83.15	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.63	88	219353	39.986	ng	99
3) Pyridine	3.38	79	596723	40.891	ng	99
4) n-Nitrosodimethylamine	3.32	42	275944	44.221	ng	95
6) Aniline	6.48	93	740624	36.850	ng	99
8) 2-Chlorophenol	6.60	128	603043	45.926	ng	97
9) Benzaldehyde	6.36	77	251947	31.976	ng	99
10) Phenol	6.47	94	682043	40.269	ng	86
11) bis(2-Chloroethyl)ether	6.56	93	559060	43.070	ng	97
12) 1,3-Dichlorobenzene	6.76	146	599850	42.129	ng	99
13) 1,4-Dichlorobenzene	6.83	146	604786	42.716	ng	99
14) 1,2-Dichlorobenzene	6.99	146	550857	41.127	ng	99
15) Benzyl Alcohol	6.96	79	436896	40.125	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	777613	41.563	ng	100
17) 2-Methylphenol	7.07	107	465201	39.972	ng	99
18) Hexachloroethane	7.33	117	227641	44.423	ng	94
19) n-Nitroso-di-n-propylamine	7.24	70	365505	41.747	ng	100
20) 3+4-Methylphenols	7.23	107	510759	34.499	ng	92
22) Acetophenone	7.23	105	704987	41.874	ng	# 92
24) Nitrobenzene	7.40	77	588917	42.146	ng	98
25) Isophorone	7.65	82	1086379	41.987	ng	100
26) 2-Nitrophenol	7.72	139	315840	47.592	ng	99
27) 2,4-Dimethylphenol	7.76	122	482315	44.763	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	698120	44.201	ng	100
29) 2,4-Dichlorophenol	7.96	162	481116	43.697	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	522535	42.776	ng	100
31) Naphthalene	8.12	128	1608301	41.796	ng	99
32) Benzoic acid	7.89	122	368123	45.513	ng	97
33) 4-Chloroaniline	8.17	127	602625	35.106	ng	99
34) Hexachlorobutadiene	8.24	225	304811	42.328	ng	98
35) Caprolactam	8.55	113	148991m	42.197	ng	
36) 4-Chloro-3-methylphenol	8.66	107	494066	43.753	ng	98
37) 2-Methylnaphthalene	8.81	142	1078945	43.183	ng	99
38) 1-Methylnaphthalene	8.91	142	1019188	43.070	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	459301	40.459	ng	99

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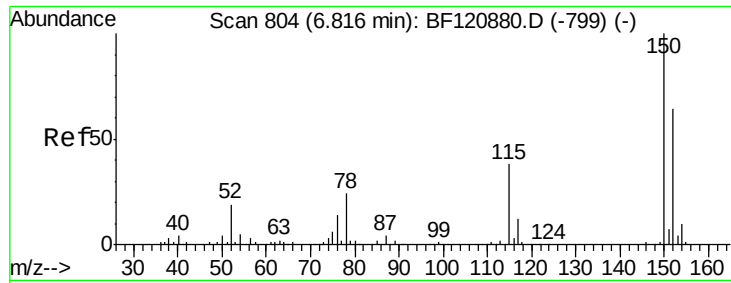
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	513001	81.763	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	363614	45.491	nq	100
44) 2,4,5-Trichlorophenol	9.13	196	364674	40.221	nq	97
46) 1,1'-Biphenyl	9.28	154	1253105	42.161	nq	99
47) 2-Chloronaphthalene	9.30	162	1005634	41.500	nq	98
48) 2-Nitroaniline	9.40	65	310601	42.414	nq	94
49) Acenaphthylene	9.72	152	1543368	40.998	nq	100
50) Dimethylphthalate	9.58	163	1181682	42.038	nq	98
51) 2,6-Dinitrotoluene	9.64	165	270213	44.743	nq	98
52) Acenaphthene	9.89	154	1083018m	45.251	nq	
53) 3-Nitroaniline	9.81	138	253459	33.463	nq	99
54) 2,4-Dinitrophenol	9.92	184	279052	80.253	nq	89
55) Dibenzofuran	10.06	168	1404324	40.575	nq	99
56) 4-Nitrophenol	9.98	139	471998	82.036	nq	93
57) 2,4-Dinitrotoluene	10.05	165	354910	44.751	nq	94
58) Fluorene	10.40	166	1020409	39.530	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	311688	45.150	nq	99
60) Diethylphthalate	10.28	149	1187710	41.773	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	489665	35.565	nq	96
62) 4-Nitroaniline	10.43	138	295491	40.050	nq	100
63) Azobenzene	10.56	77	1106507	40.878	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	186703	45.402	nq	92
66) n-Nitrosodiphenylamine	10.52	169	985245	43.859	nq	98
67) 4-Bromophenyl-phenylether	10.89	248	341551	42.900	nq	93
68) Hexachlorobenzene	10.95	284	378583	43.959	nq	93
69) Atrazine	11.05	200	278346	50.033	nq	98
70) Pentachlorophenol	11.15	266	415896	84.295	nq	99
71) Phenanthrene	11.36	178	1527653	41.596	nq	99
72) Anthracene	11.42	178	1572286	42.635	nq	99
73) Carbazole	11.57	167	1490262	40.720	nq	99
74) Di-n-butylphthalate	11.90	149	1769687	41.902	nq	100
75) Fluoranthene	12.55	202	1671315	41.057	nq	98
77) Benzidine	12.67	184	816485	58.435	nq	99
78) Pyrene	12.78	202	1663558	44.275	nq	99
80) Butylbenzylphthalate	13.40	149	760533	45.406	nq	99
81) Benzo(a)anthracene	13.97	228	1325498	41.188	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	513930	42.329	nq	99
83) Chrysene	14.00	228	1405383	41.555	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	884286	42.814	nq	99
85) Di-n-octyl phthalate	14.57	149	1728679	42.069	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1432487	40.685	nq	99
88) Benzo(b)fluoranthene	15.00	252	1479771	48.355	nq	100
89) Benzo(k)fluoranthene	15.04	252	1257222	45.047	nq	99
90) Benzo(a)pyrene	15.36	252	1237734	44.331	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	1196127	41.589	nq	98
92) Benzo(g,h,i)perylene	17.29	276	1158052	40.837	nq	99

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



#1

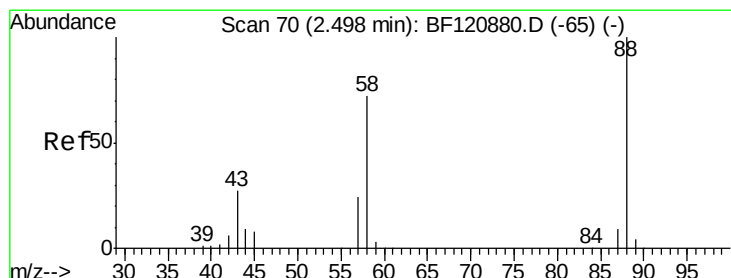
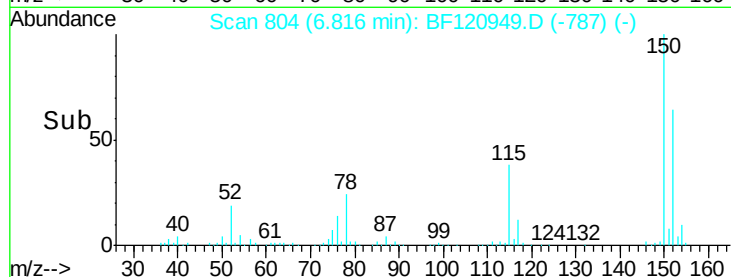
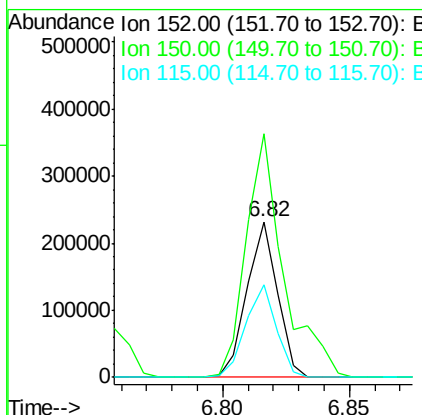
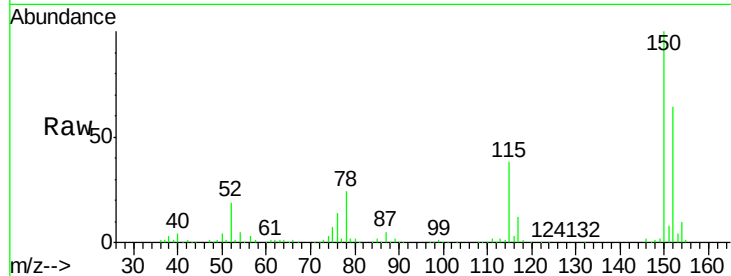
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.0	187.6
115	59.8	47.0	70.4

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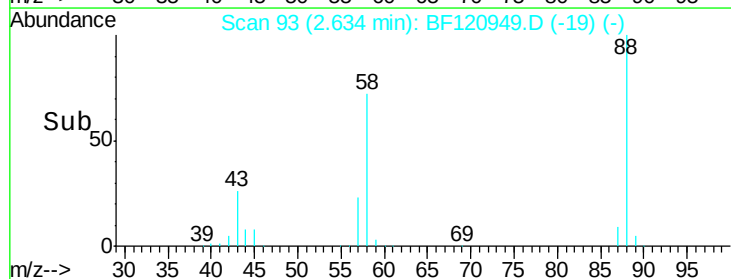
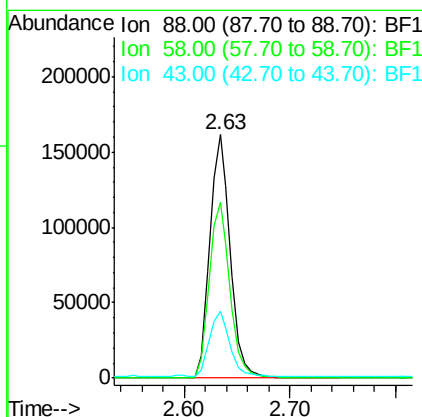
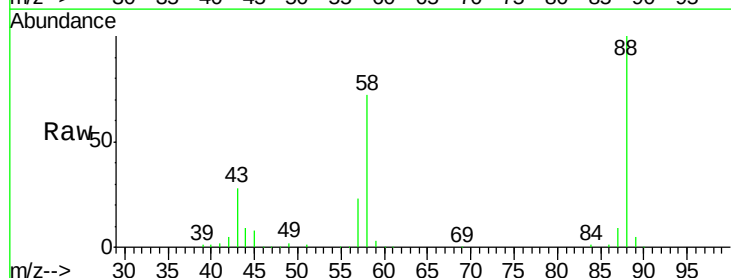
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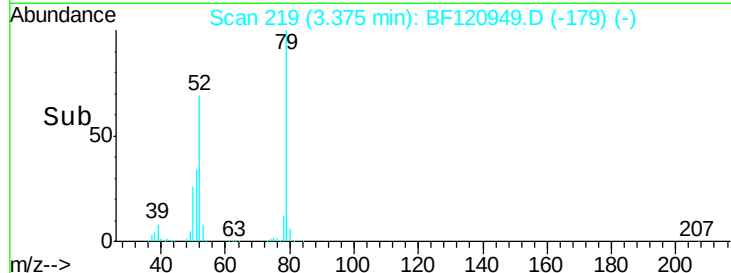
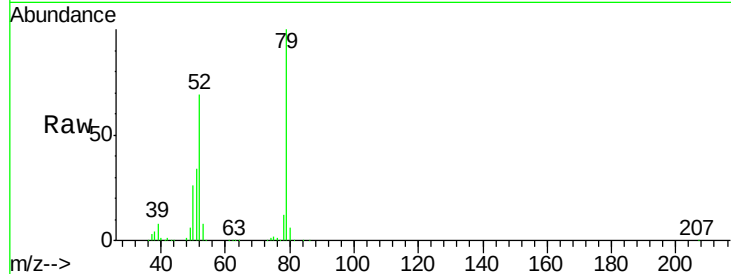
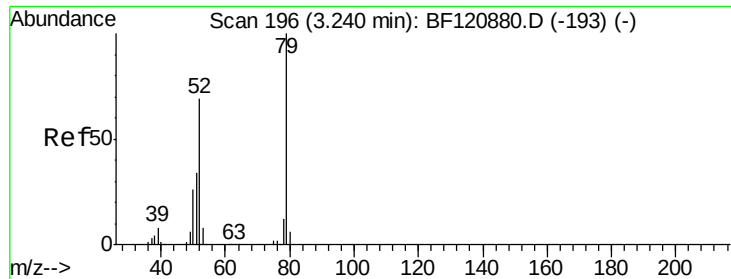


#2

1,4-Dioxane
Concen: 39.986 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.14 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	58.2	87.2
43	27.1	22.1	33.1





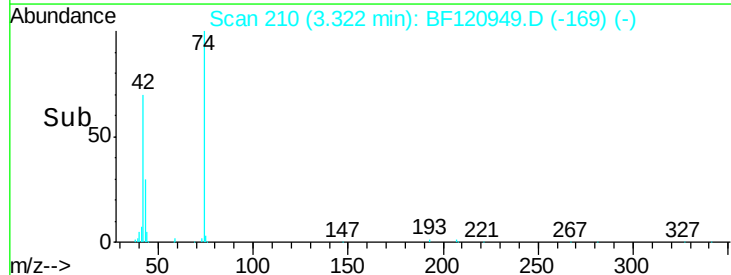
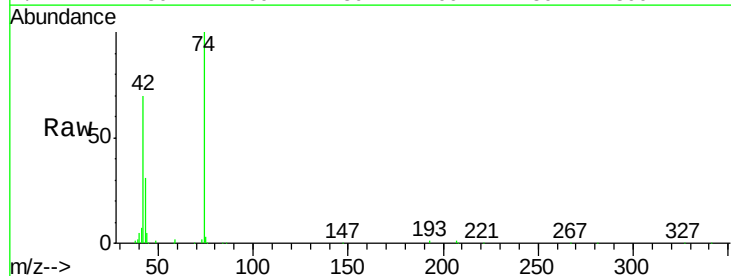
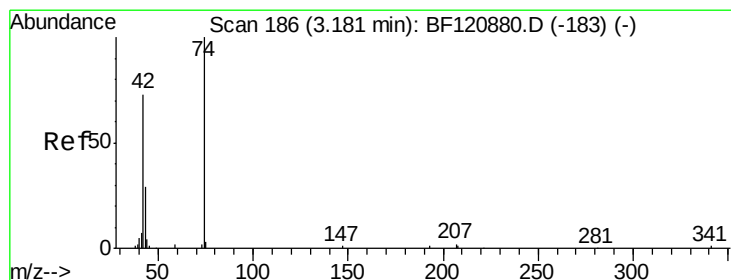
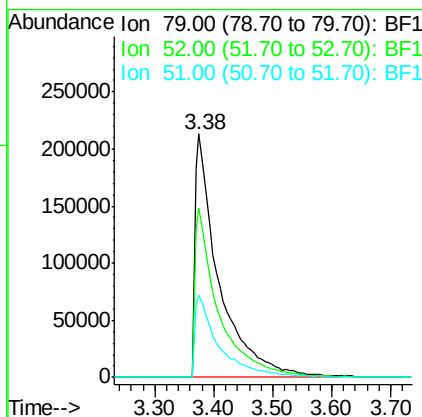
#3
 Pvridine
 Concen: 40.891 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.14 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tot Ion:	79	Resp:	596723
Ion Ratio	Lower	Upper	
79	100		
52	69.4	55.0	82.6
51	33.8	26.9	40.3

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

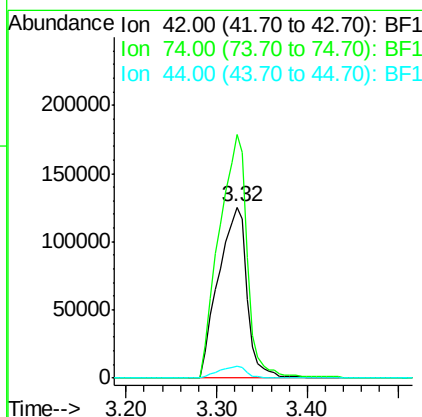
Manual Integrations
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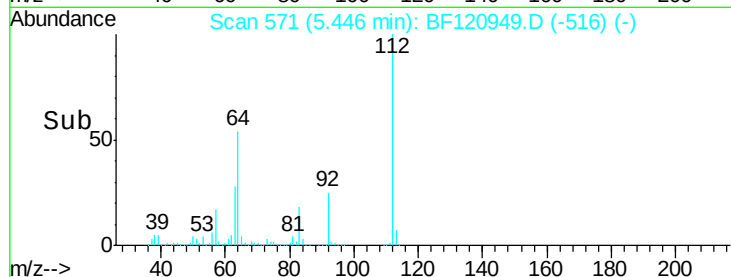
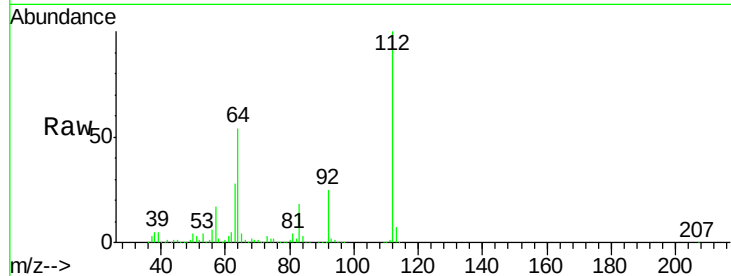
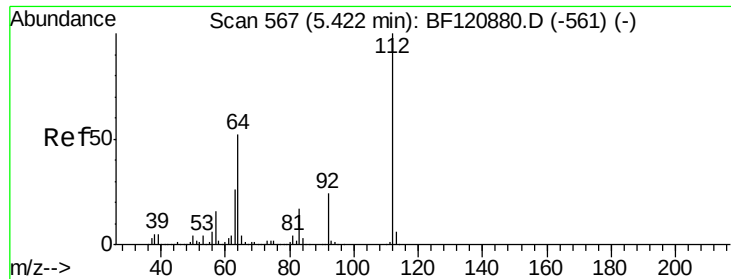
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#4
 n-Nitrosodimethylamine
 Concen: 44.221 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.14 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion:	42	Resp:	275944
Ion Ratio	Lower	Upper	
42	100		
74	142.5	108.7	163.1
44	6.9	5.2	7.8





#5

2-Fluorophenol

Concen: 119.412 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tot Ion:	112	Resp:	1423322
Ion	Ratio	Lower	Upper
112	100		
64	54.1	41.3	61.9
63	28.3	21.1	31.7

Instrument :

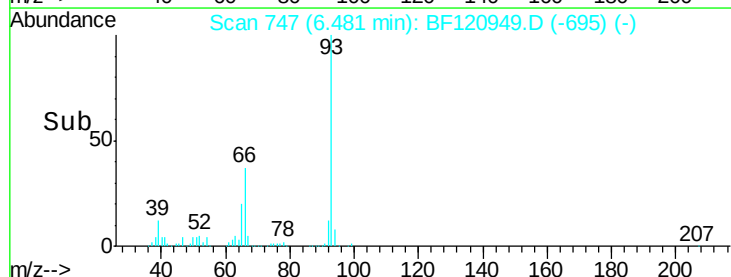
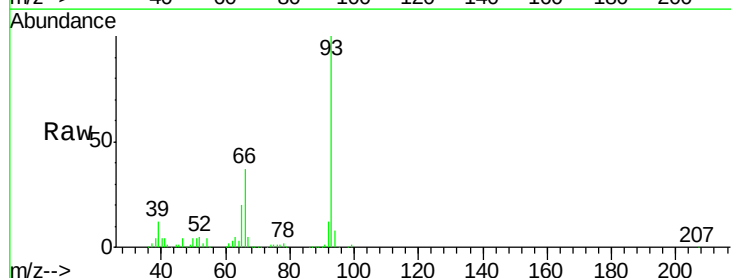
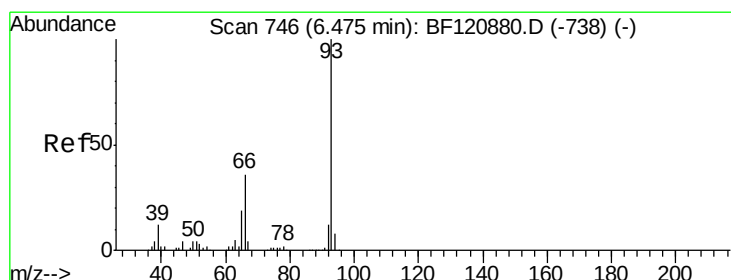
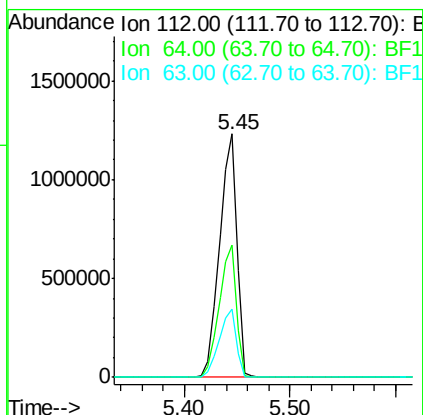
BNA_F

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#6

Aniline

Concen: 36.850 ng

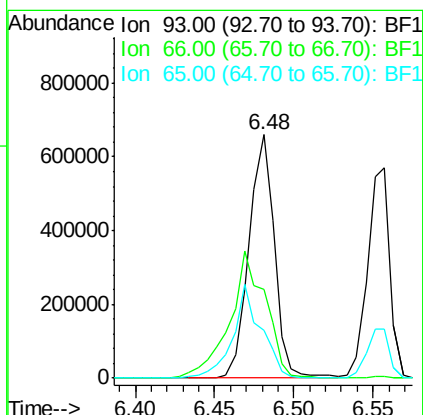
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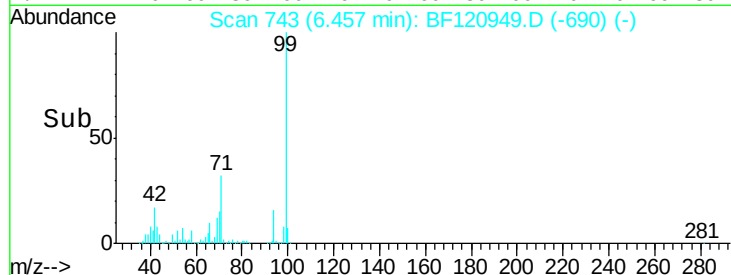
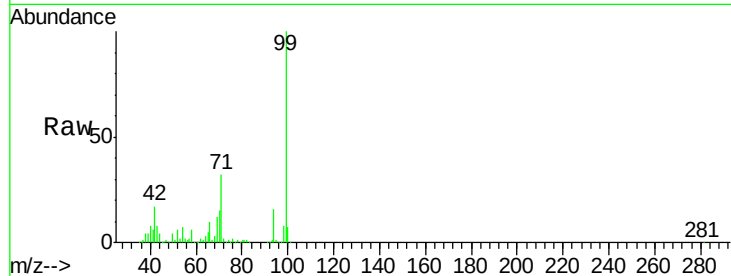
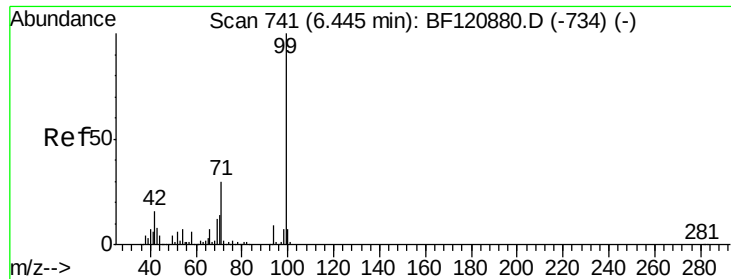
Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:	93	Resp:	740624
Ion	Ratio	Lower	Upper
93	100		
66	36.7	30.2	45.4
65	19.6	15.8	23.6





#7

Phenol-d6

Concen: 114.456 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tot Ion:	99	Resp:	1762260
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	32.4	24.2	36.4

Instrument :

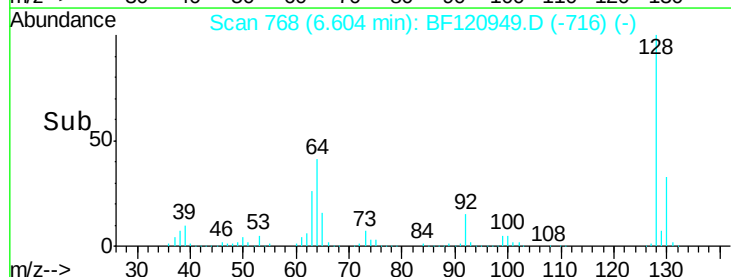
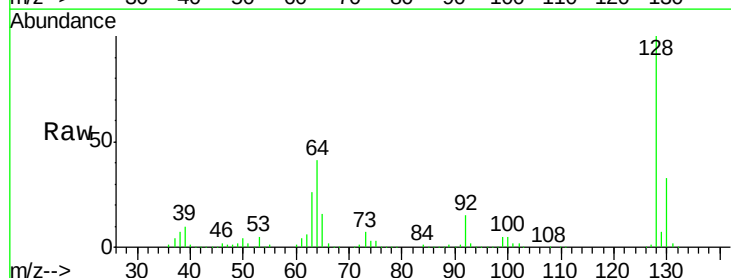
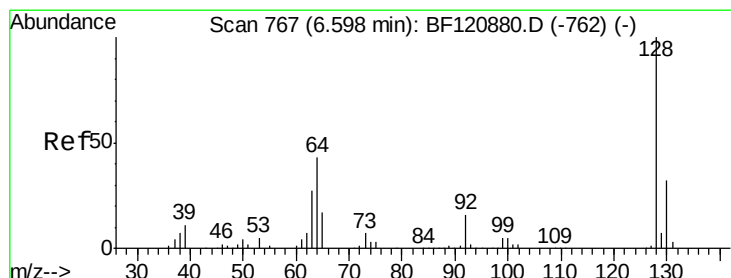
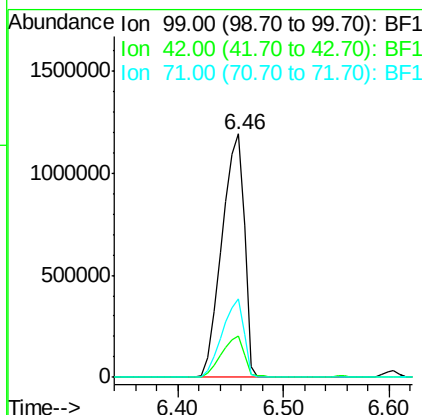
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 45.926 ng

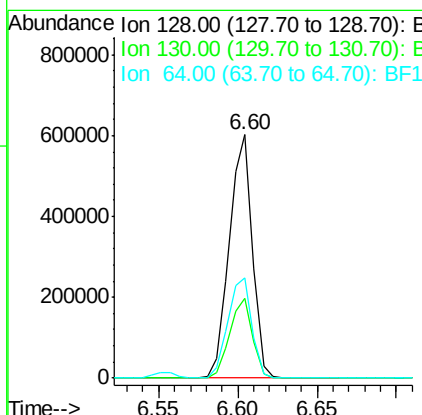
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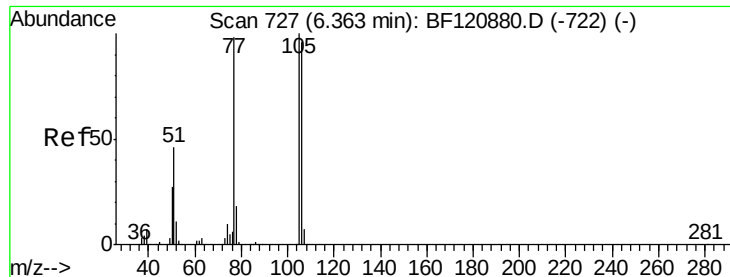
Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:	128	Resp:	603043
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.1	52.1
64	41.4	24.0	64.0





#9

Benzaldehyde

Concen: 31.976 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

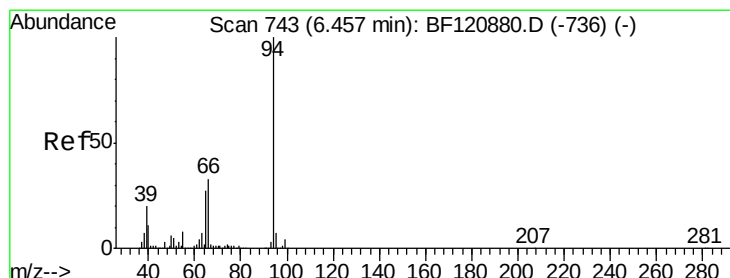
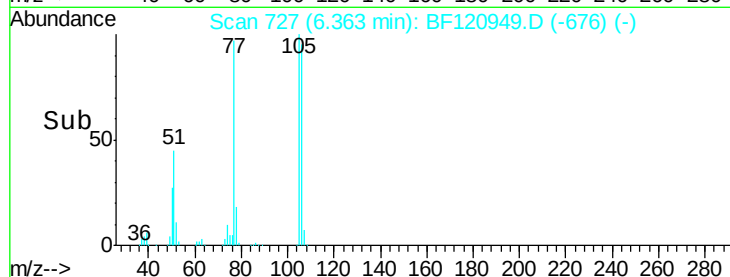
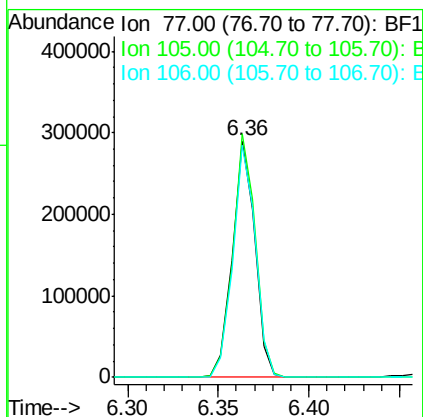
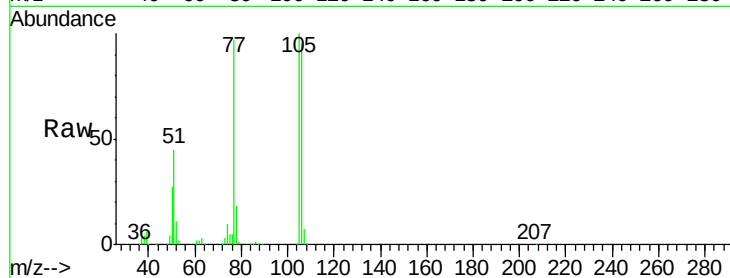
ClientSampleId :

PB130301BS

Tot Ion:	77	Resp:	251947
Ion Ratio	Lower	Upper	
77	100		
105	103.1	82.5	122.5
106	98.1	78.7	118.7

Manual Integrations
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#10

Phenol

Concen: 40.269 ng

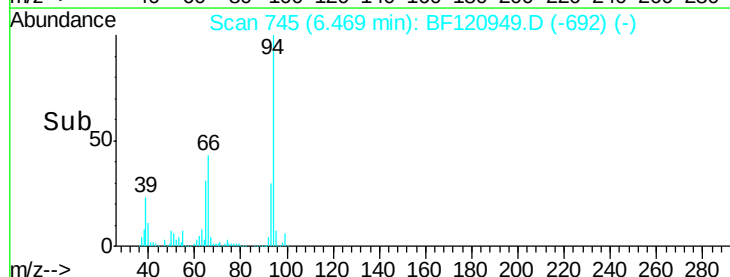
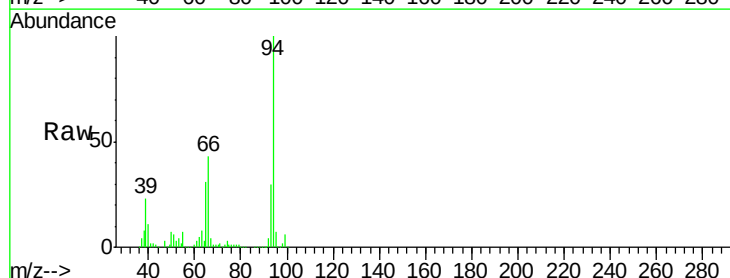
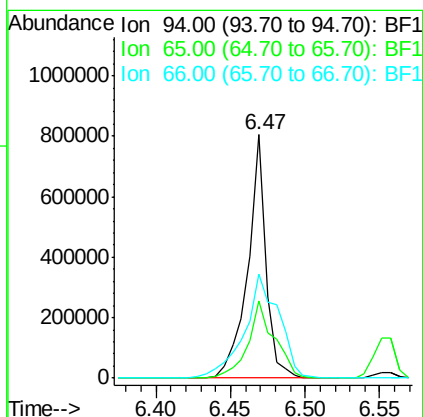
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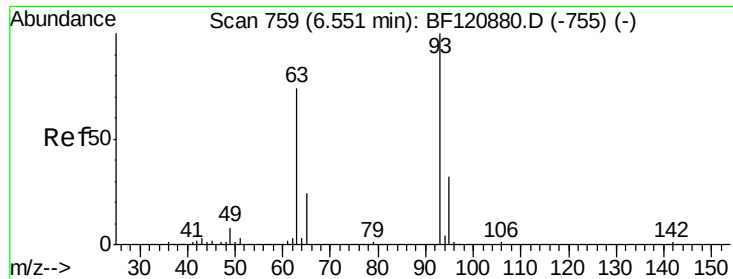
Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:	94	Resp:	682043
Ion Ratio	Lower	Upper	
94	100		
65	31.5	6.6	46.6
66	42.8	13.2	53.2





#11

bis(2-Chloroethyl)ether

Concen: 43.070 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

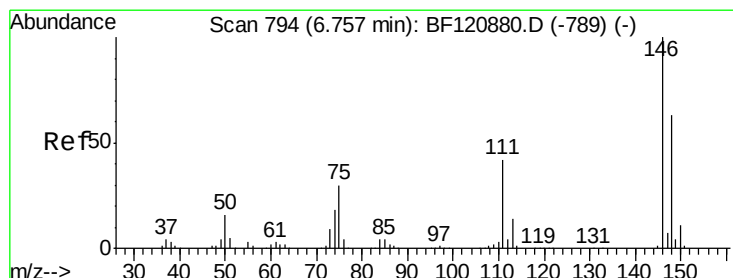
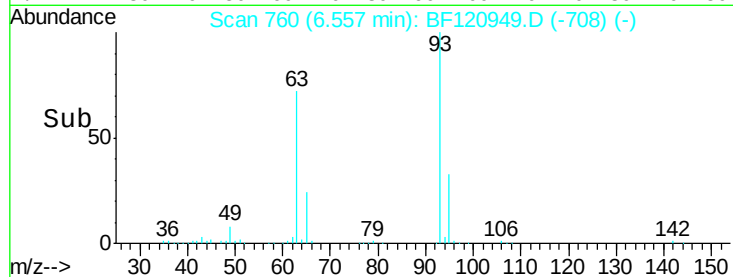
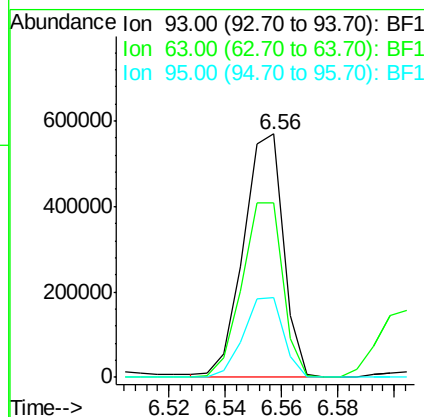
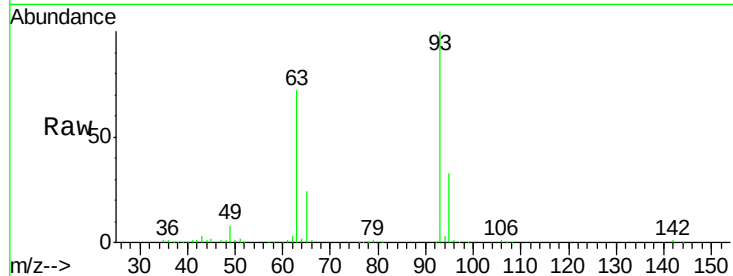
ClientSampleId :

PB130301BS

Tot Ion:	93	Resp:	559060
Ion Ratio	Lower	Upper	
93	100		
63	71.6	54.2	94.2
95	33.0	12.2	52.2

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.129 ng

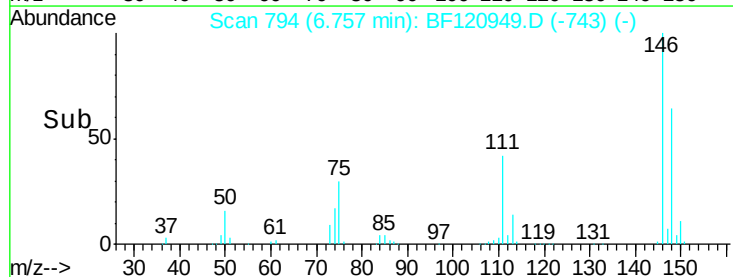
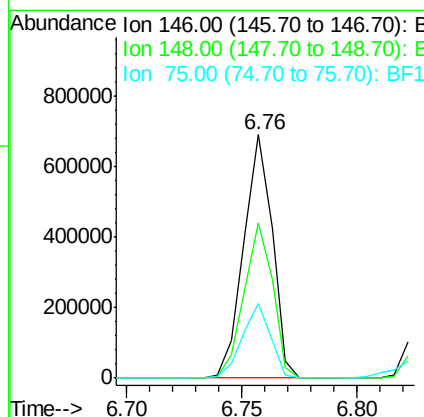
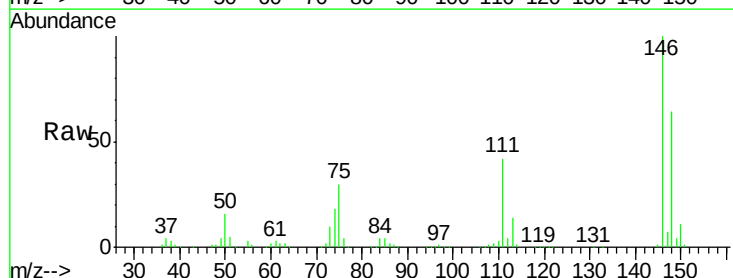
RT: 6.76 min Scan# 794

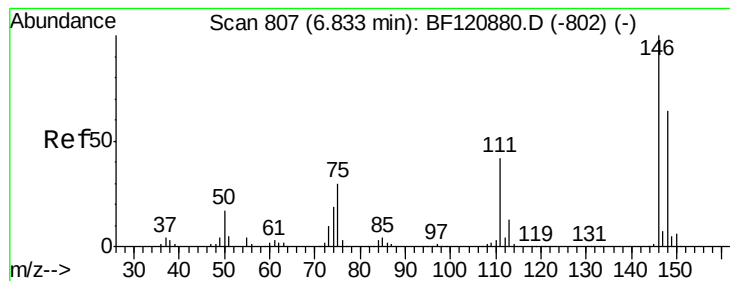
Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:	146	Resp:	599850
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
75	30.4	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 42.716 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

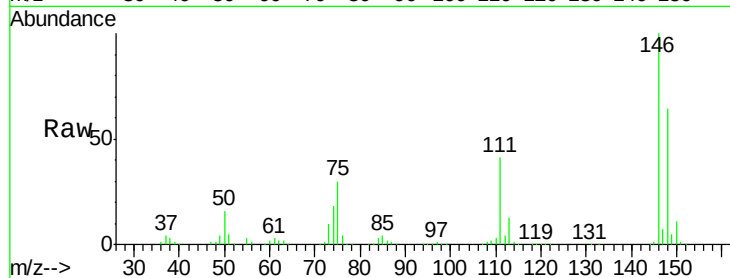
ClientSampleId :

PB130301BS

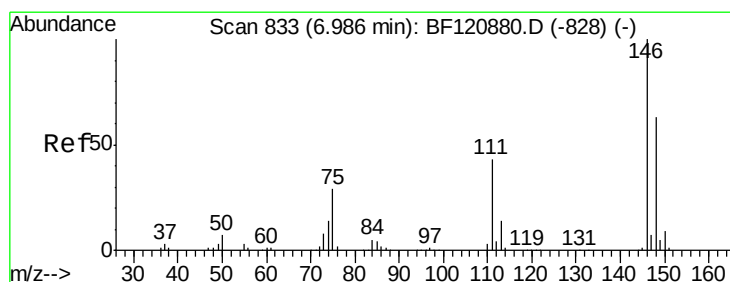
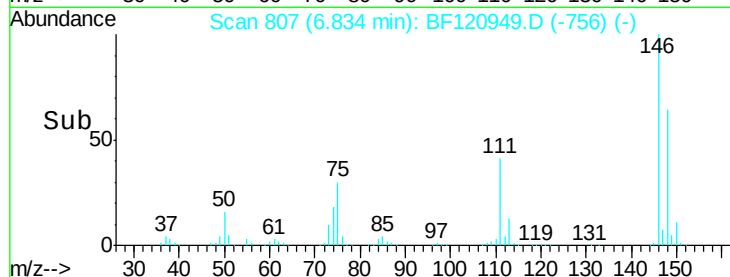
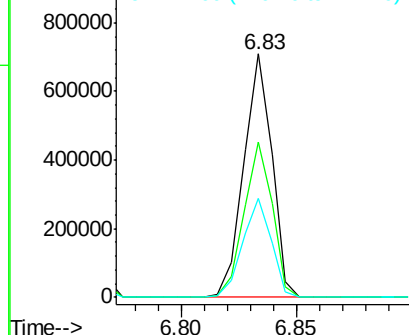
Tot Ion:	146	Resp:	604786
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.6	77.4
111	40.9	33.5	50.3

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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: 41.127 ng

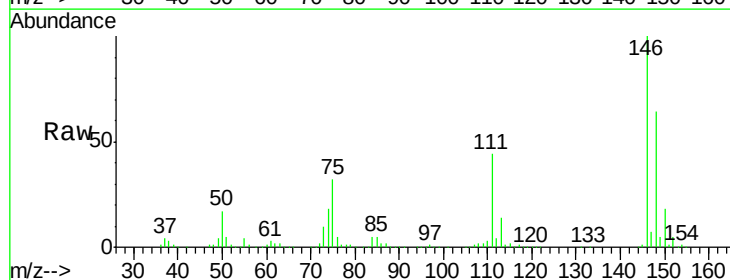
RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

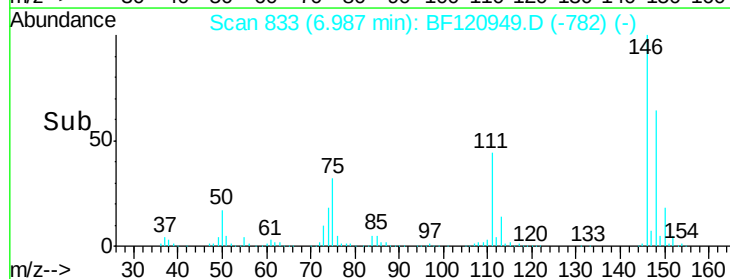
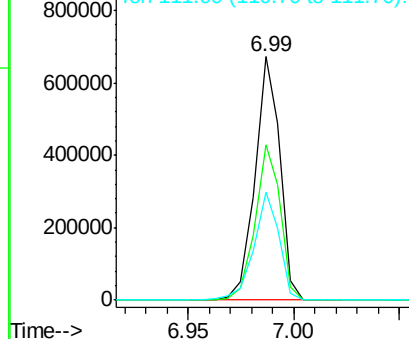
Lab File: BF120949.D

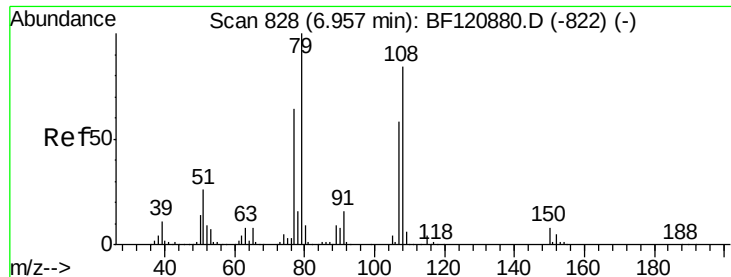
Acq: 21 Jul 2020 10:34

Tgt Ion:	146	Resp:	550857
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	76.0
111	44.1	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: 40.125 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampled :

PB130301BS

Tot Ion: 79 Resp: 436896

Ion Ratio Lower Upper

79 100

108 84.1 67.0 100.6

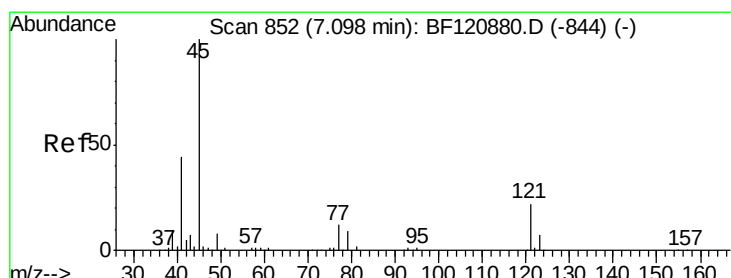
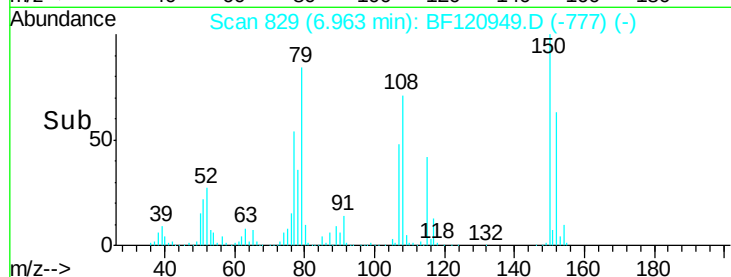
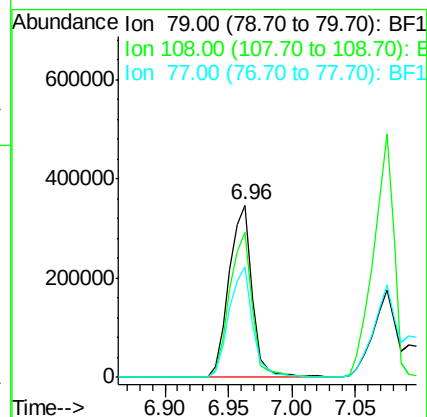
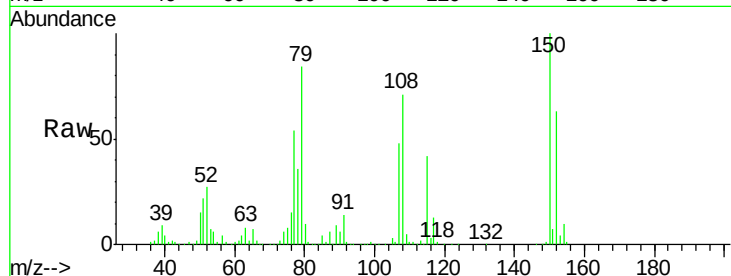
77 64.3 51.0 76.4

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.563 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

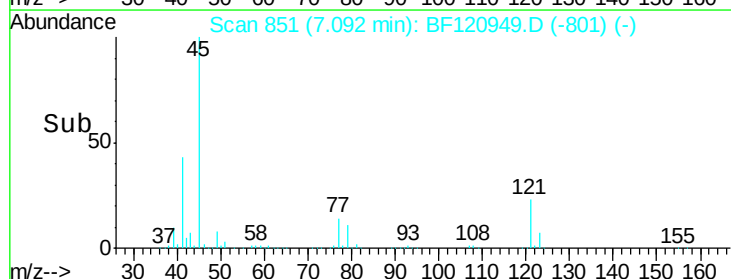
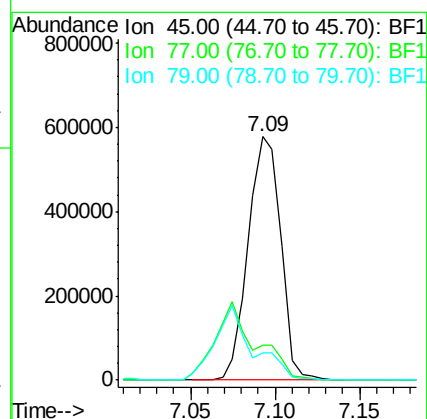
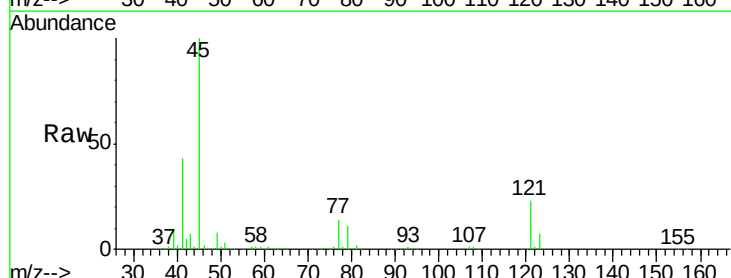
Tgt Ion: 45 Resp: 777613

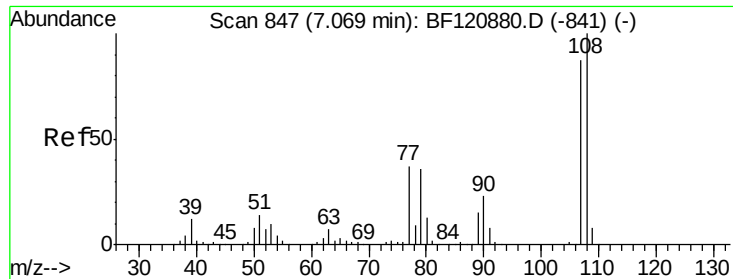
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.3

79 11.2 0.0 31.0





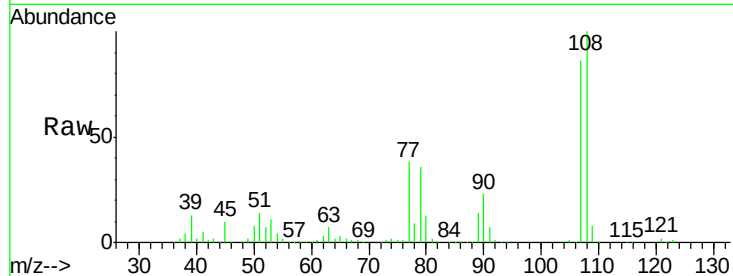
#17
2-Methylphenol
Concen: 39.972 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

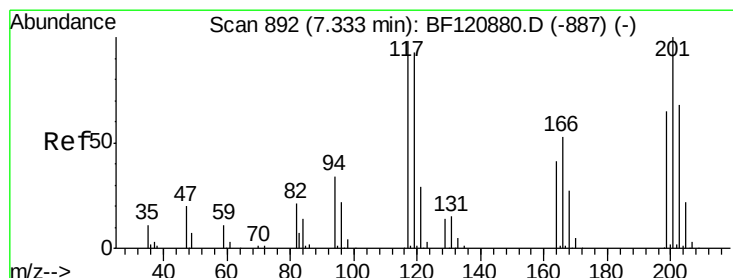
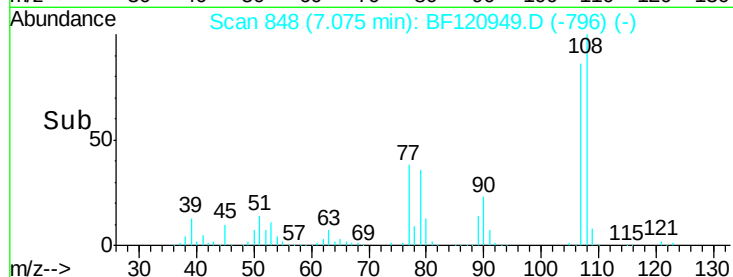
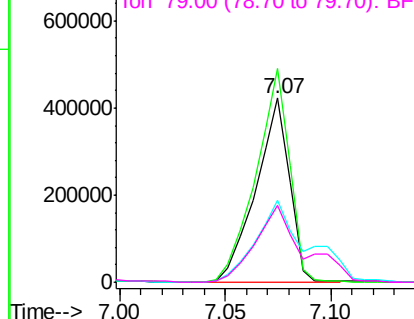
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	92.0	138.0
77	44.3	34.0	51.0
79	41.8	33.3	49.9

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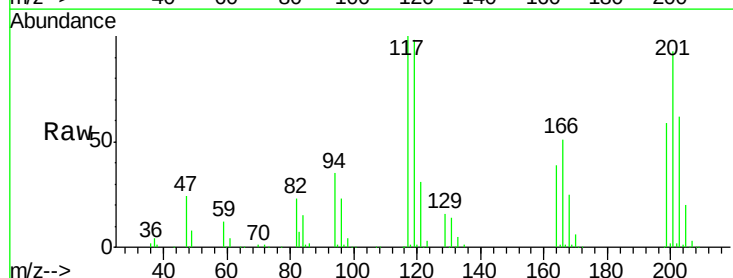


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

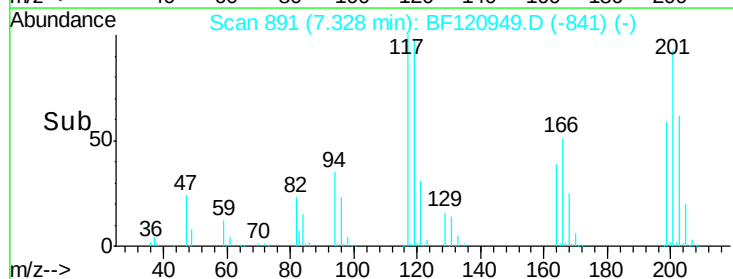
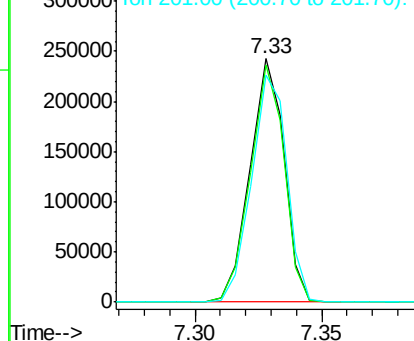


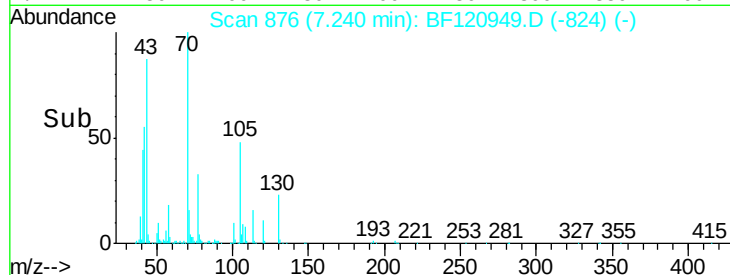
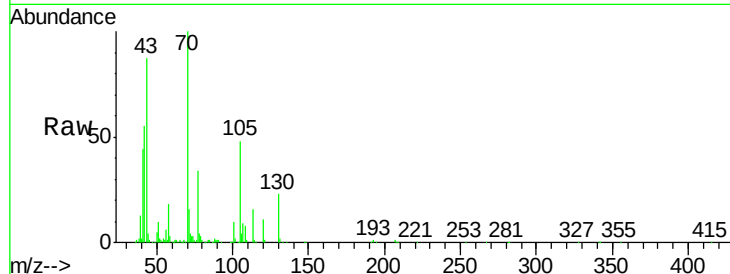
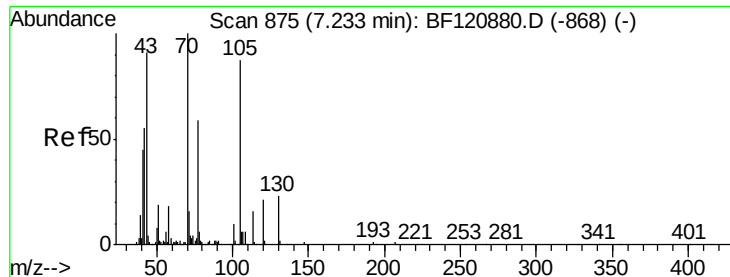
#18
Hexachloroethane
Concen: 44.423 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.0	114.0
201	93.4	81.7	122.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





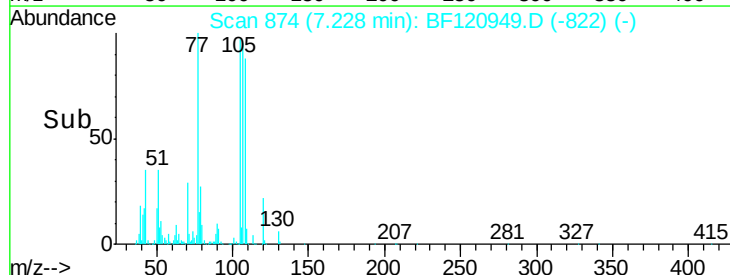
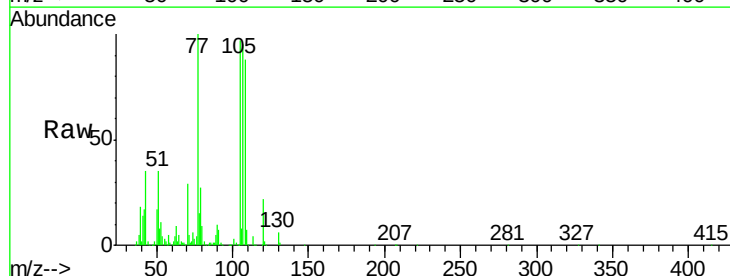
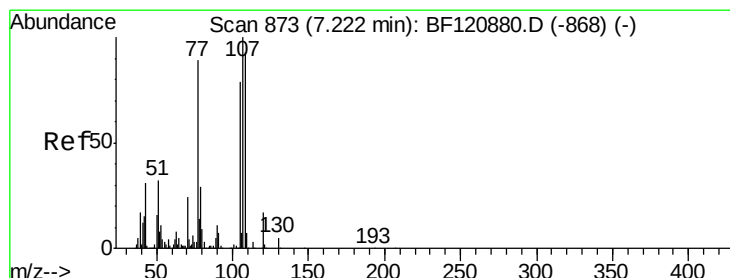
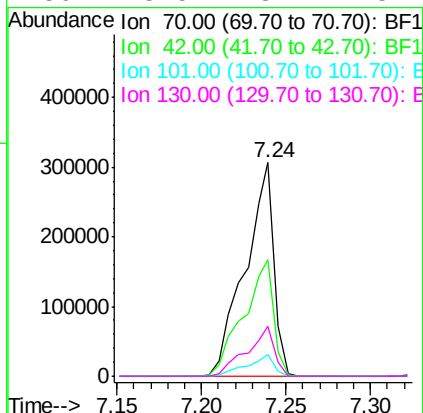
#19
n-Nitroso-di-n-propylamine
Concen: 41.747 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.7	44.0	66.0		
101	10.1	7.8	11.6		
130	23.5	18.7	28.1		

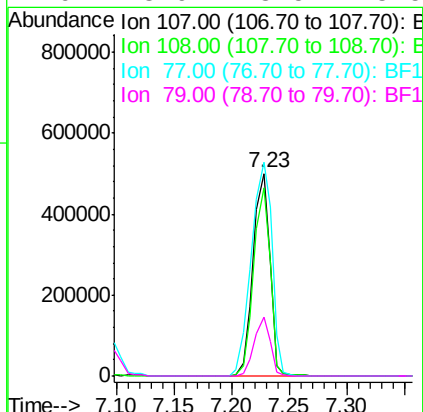
Manual Integrations
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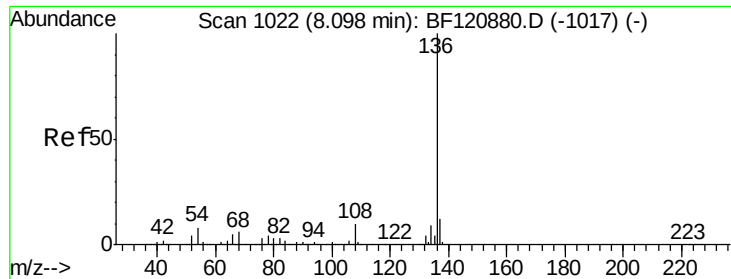
Sohil
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#20
3+4-Methylphenols
Concen: 34.499 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.1	72.8	112.8		
77	105.5	68.7	108.7		
79	28.9	8.5	48.5		





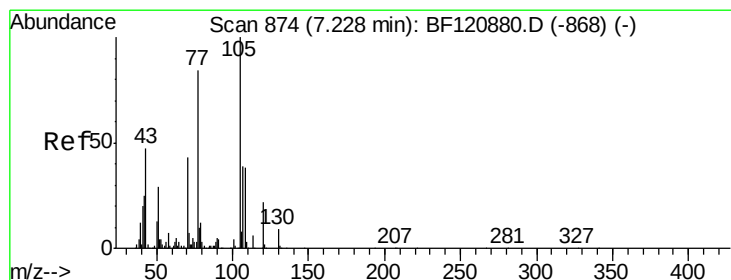
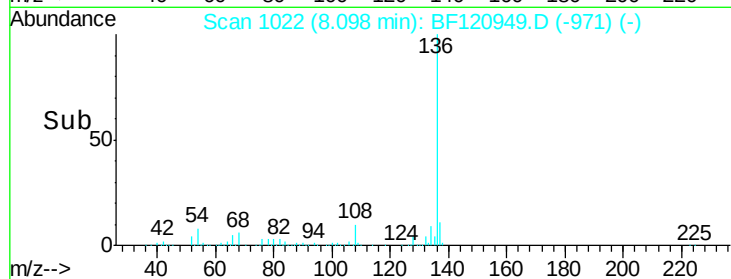
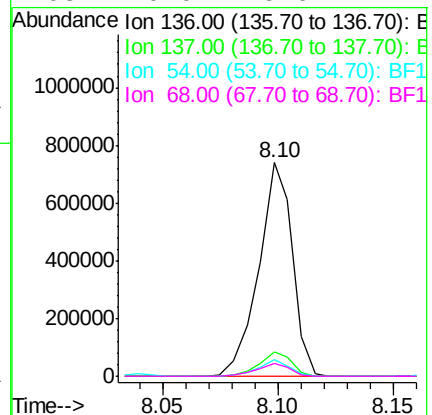
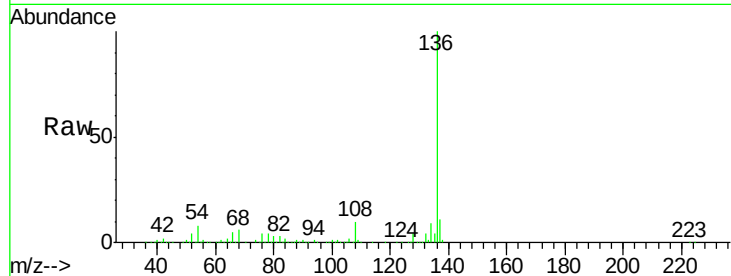
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		750170		
137	11.3		9.3	13.9	
54	7.7		6.3	9.5	
68	6.0		5.0	7.4	

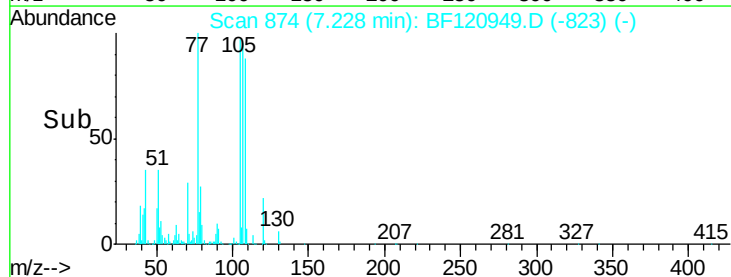
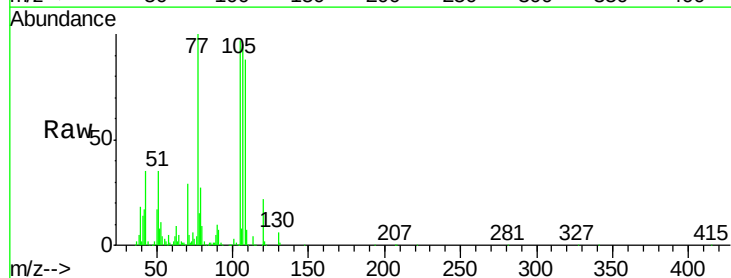
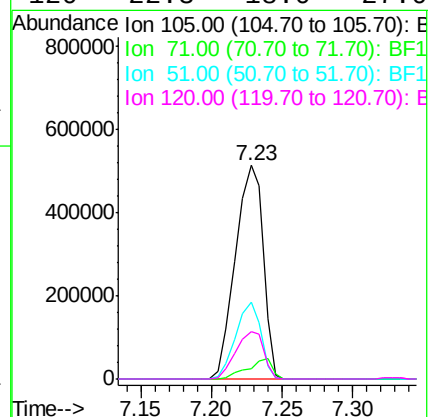
Manual Integrations
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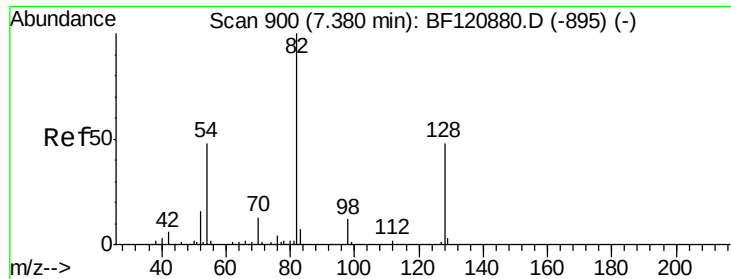
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#22
Acetophenone
Concen: 41.874 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		704987		
71	4.9		5.7	8.5#	
51	36.3		22.9	34.3#	
120	22.3		18.0	27.0	





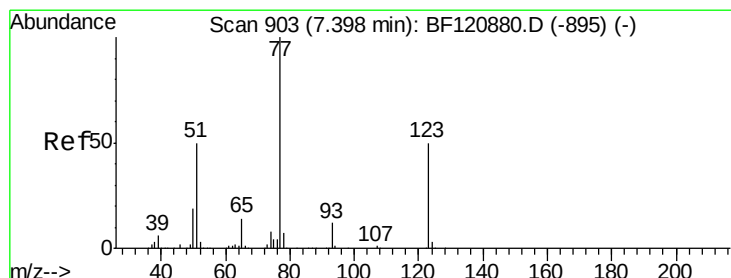
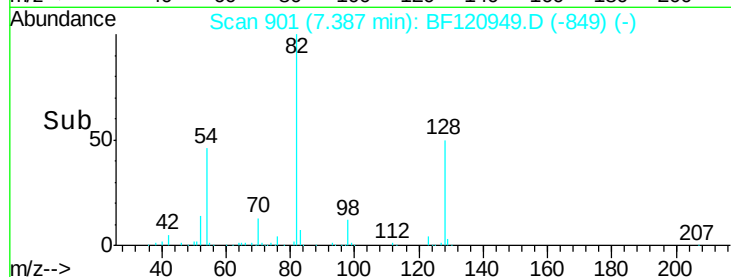
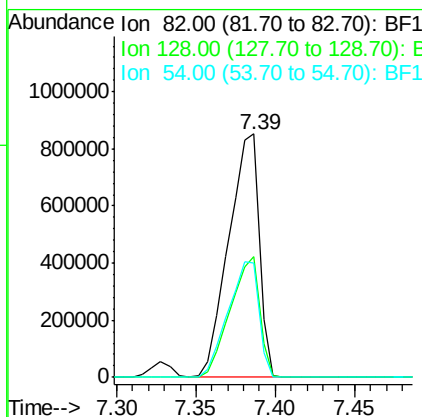
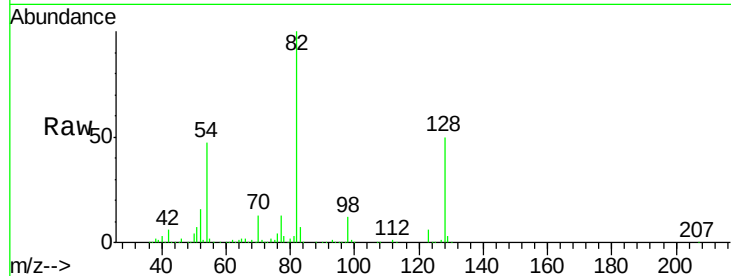
#23
Nitrobenzene-d5
Concen: 87.765 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampled :
PB130301BS

Tot Ion	82	Resp	1137838
Ion Ratio	100	Lower	Upper
82	100		
128	49.8	38.2	57.4
54	47.0	38.7	58.1

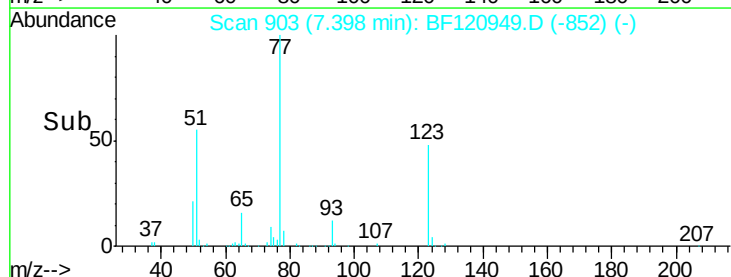
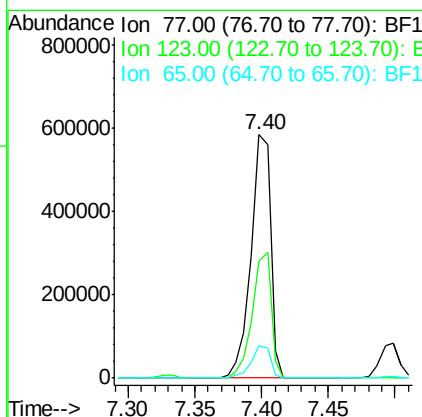
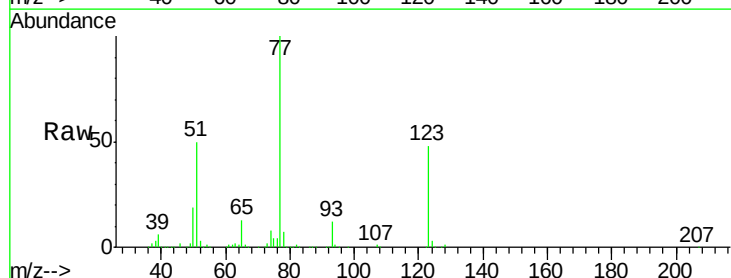
Manual Integrations
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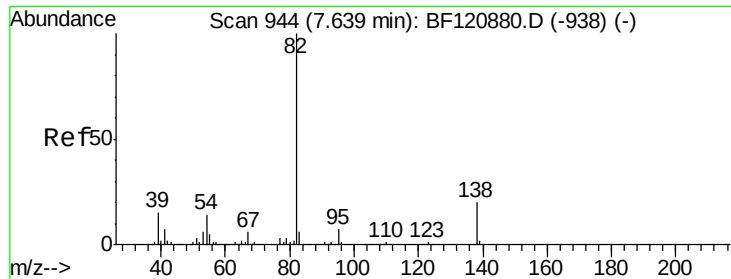
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#24
Nitrobenzene
Concen: 42.146 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	77	Resp	588917
Ion Ratio	100	Lower	Upper
77	100		
123	48.1	40.1	60.1
65	13.4	10.8	16.2





#25

Isophorone

Concen: 41.987 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

Tot Ion: 82 Resp: 1086379

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

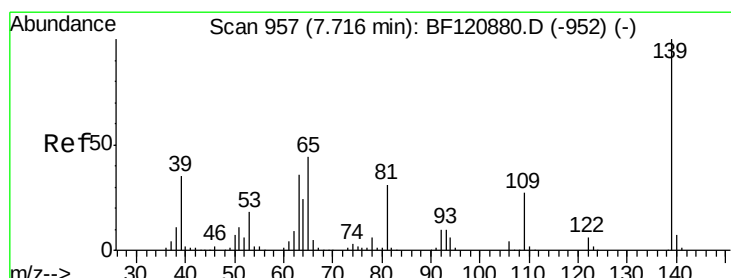
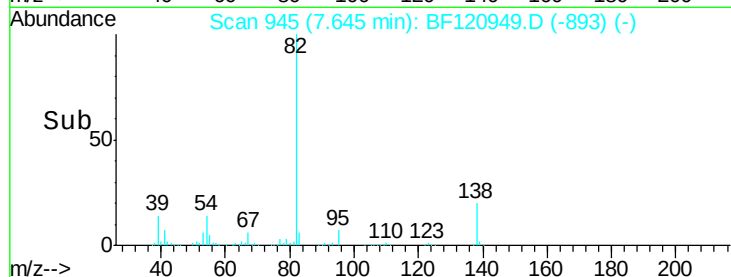
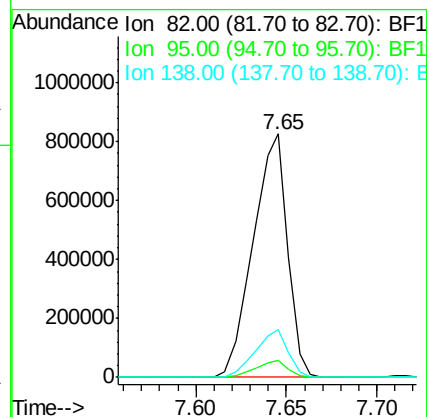
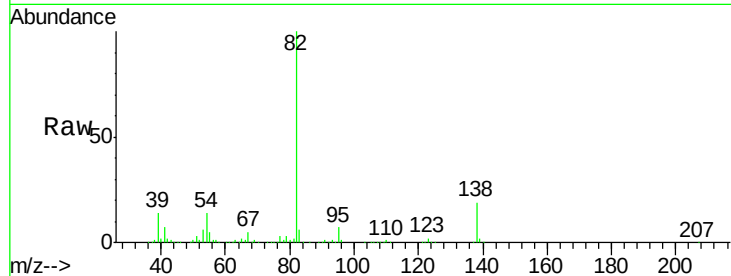
138 19.5 15.6 23.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.592 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

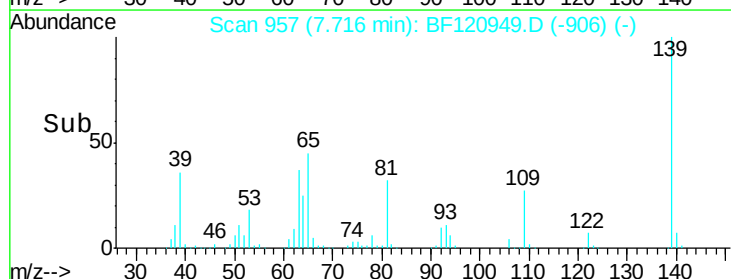
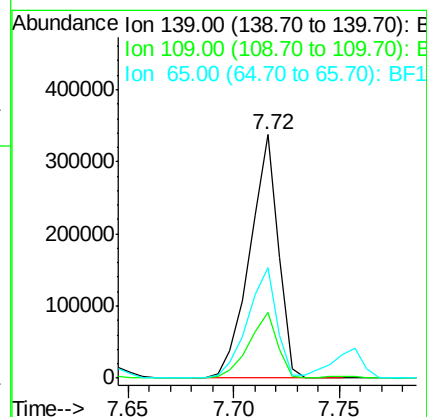
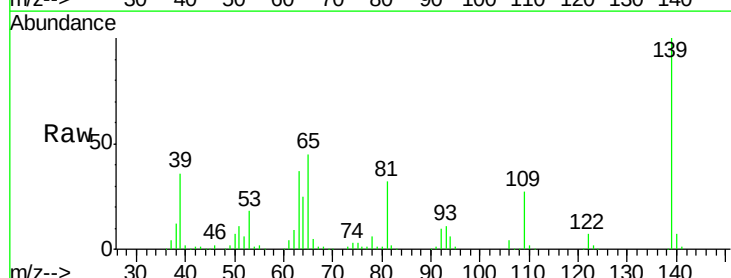
Tgt Ion: 139 Resp: 315840

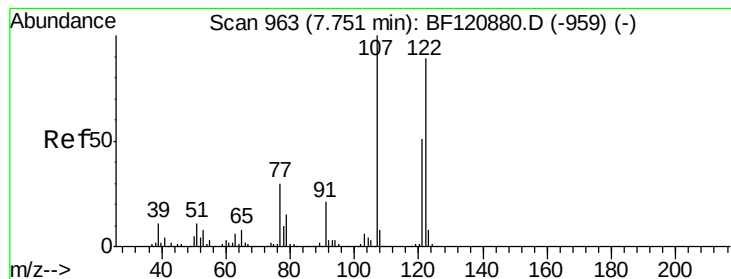
Ion Ratio Lower Upper

139 100

109 27.0 21.6 32.4

65 45.2 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 44.763 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

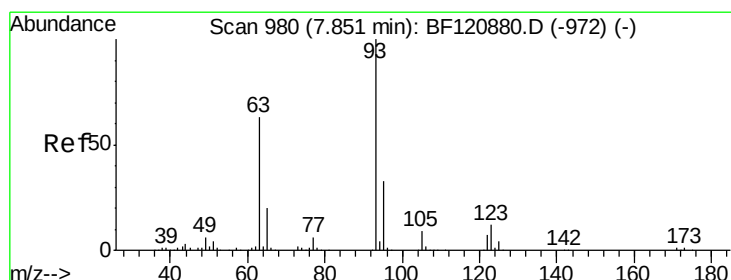
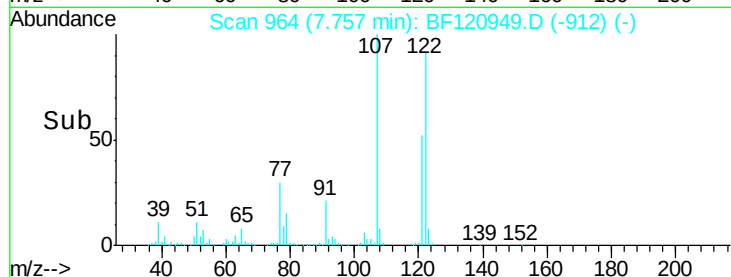
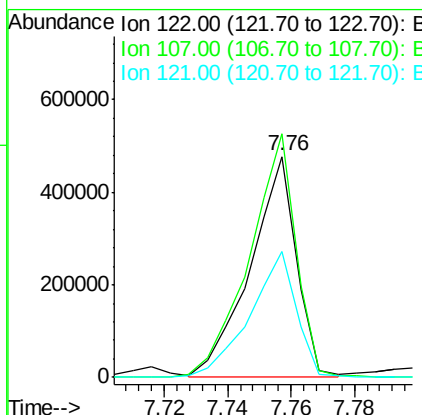
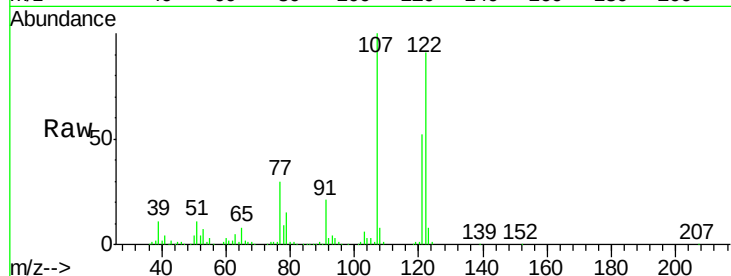
ClientSampleId :

PB130301BS

Tot Ion:	122	Resp:	482315
Ion Ratio	Lower	Upper	
122	100		
107	110.2	89.4	134.0
121	57.1	46.0	69.0

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 44.201 ng

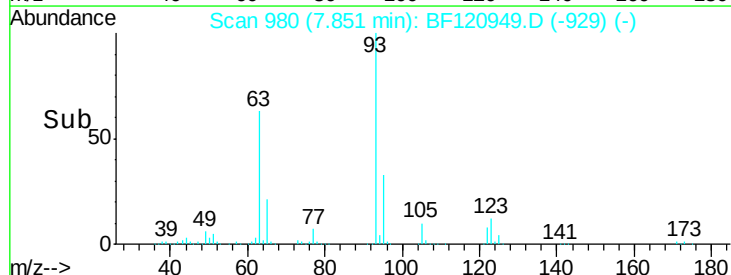
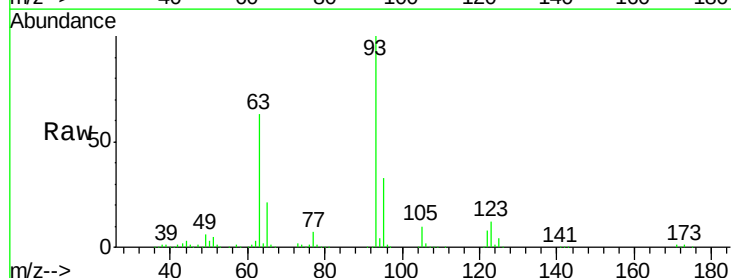
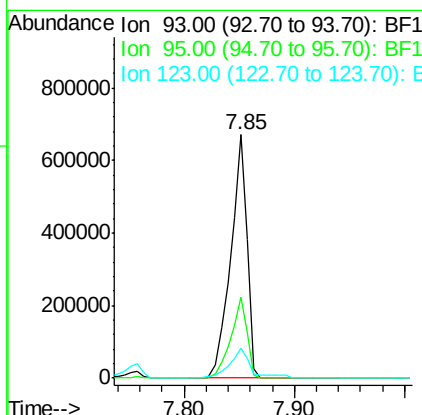
RT: 7.85 min Scan# 980

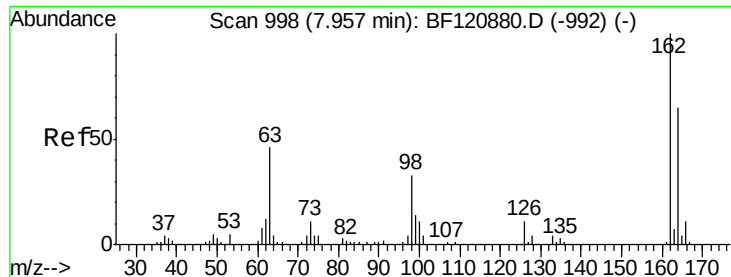
Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:	93	Resp:	698120
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.6	39.8
123	12.2	10.0	15.0





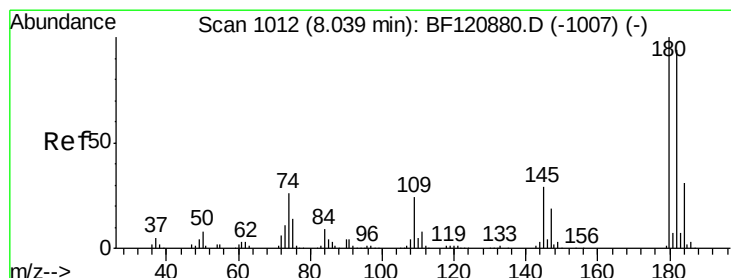
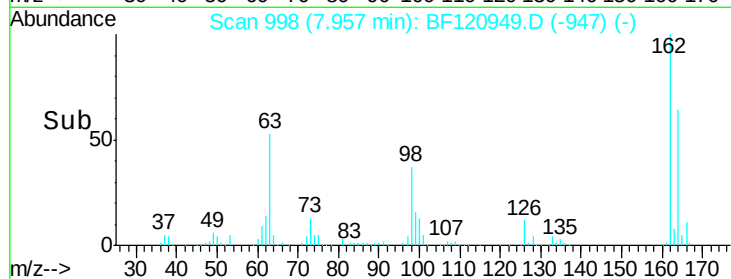
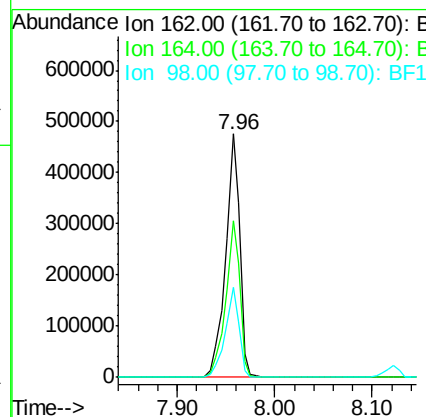
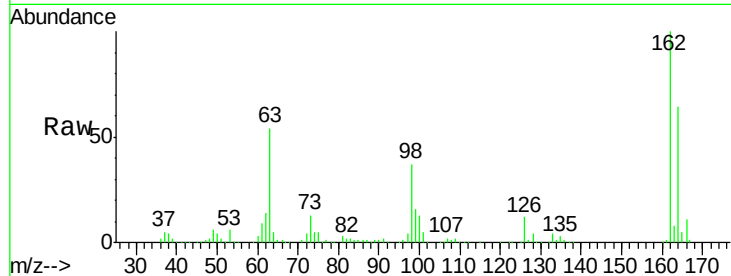
#29
2,4-Dichlorophenol
Concen: 43.697 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	481116		
164	64.3	45.3	85.3	
98	37.1	13.3	53.3	

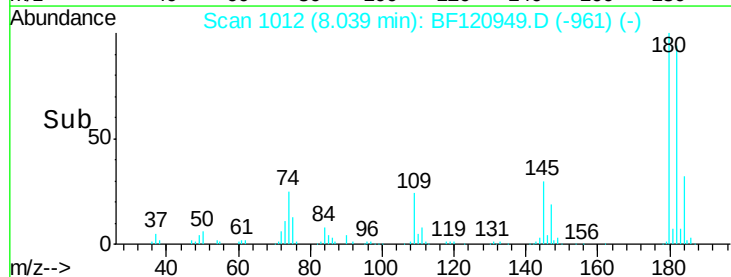
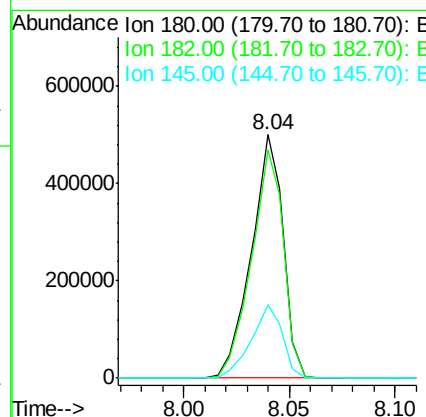
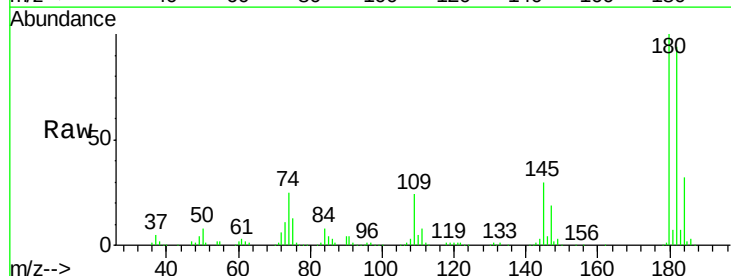
Manual Integrations
APPROVED

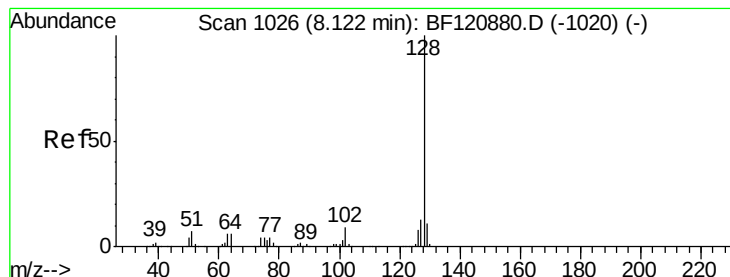
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#30
1,2,4-Trichlorobenzene
Concen: 42.776 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	522535		
182	93.7	75.0	112.6	
145	30.0	23.5	35.3	





#31

Naphthalene

Concen: 41.796 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

Tot Ion:128 Resp: 1608301

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

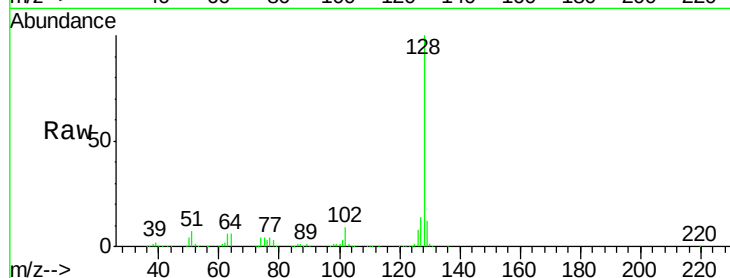
127 13.6 10.7 16.1

Manual Integrations

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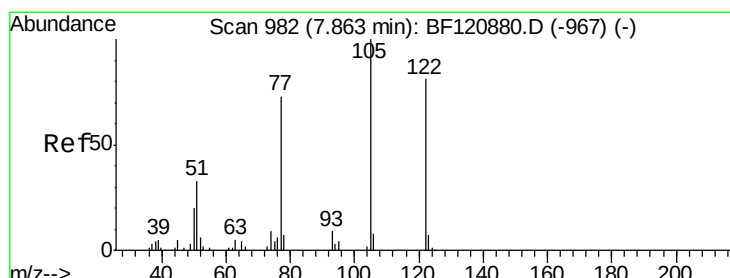
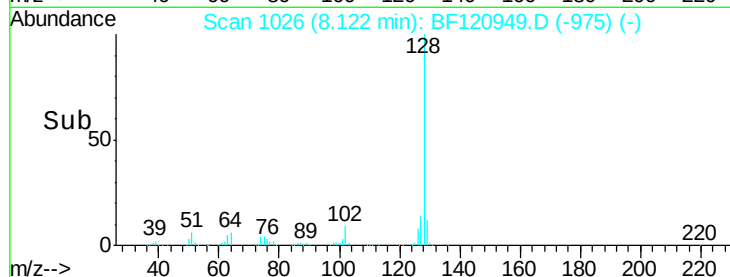
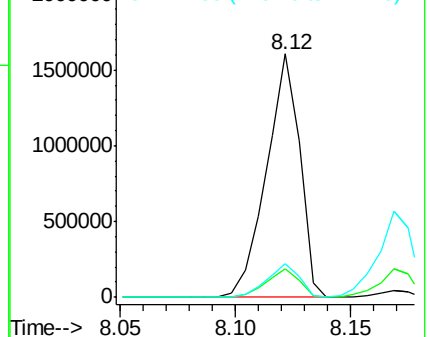
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.513 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

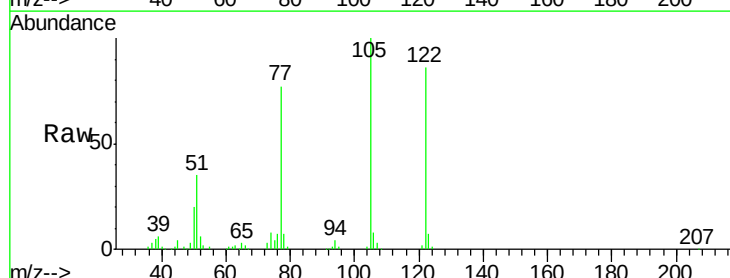
Tgt Ion:122 Resp: 368123

Ion Ratio Lower Upper

122 100

105 116.5 101.3 141.3

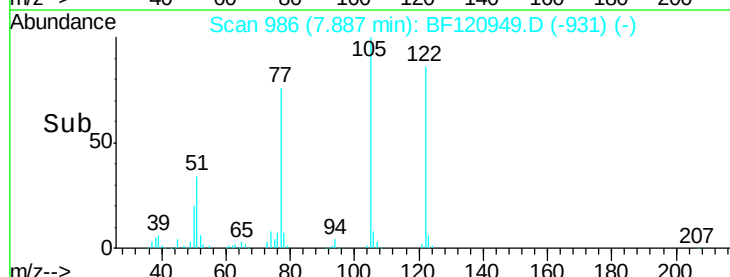
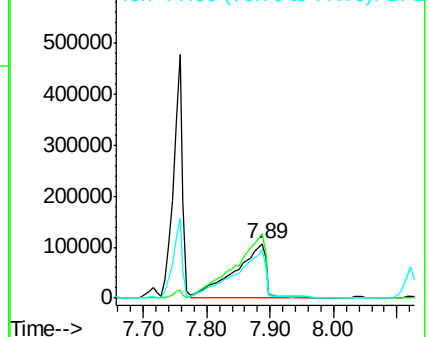
77 89.3 69.1 109.1

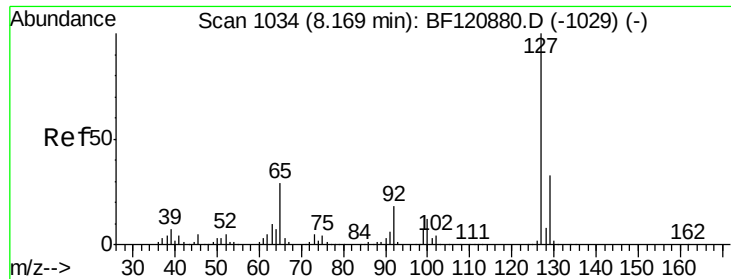


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





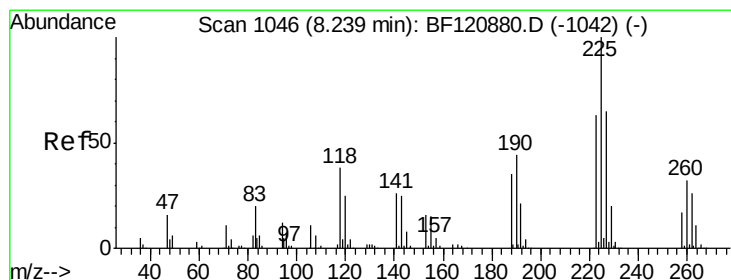
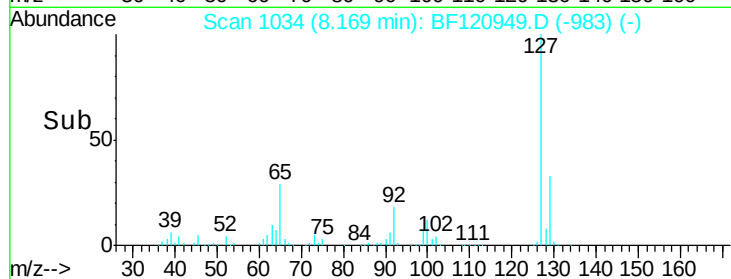
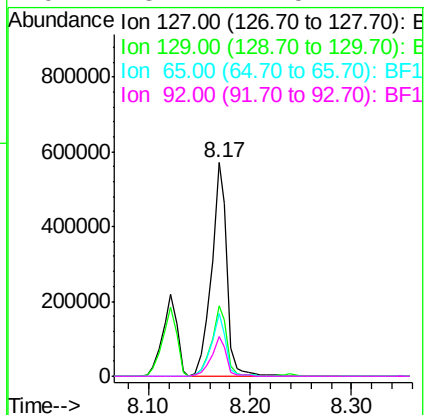
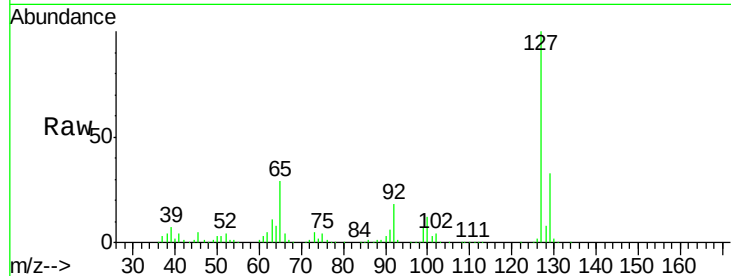
#33
4-Chloroaniline
Concen: 35.106 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.5	39.7	
65	29.1	23.0	34.4	
92	18.4	14.5	21.7	

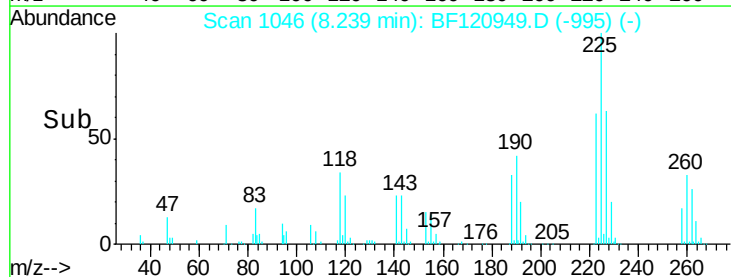
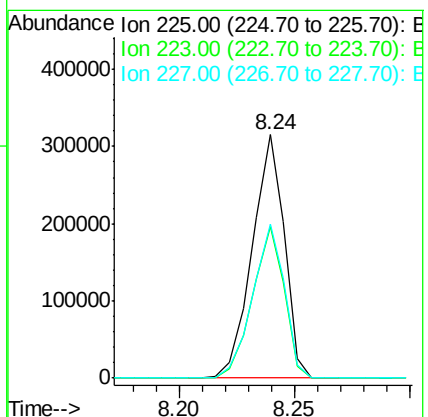
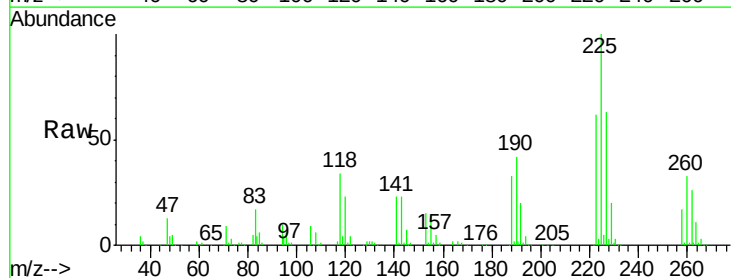
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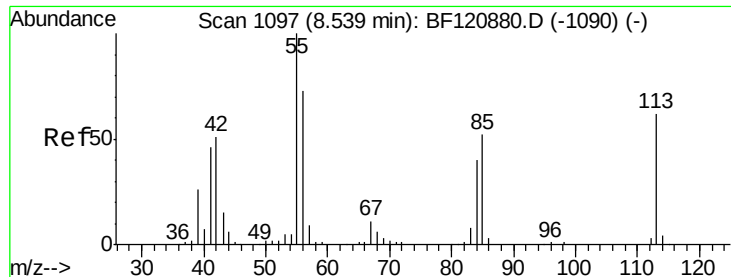
Sohil
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#34
Hexachlorobutadiene
Concen: 42.328 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.6	76.0	
227	63.3	52.2	78.2	





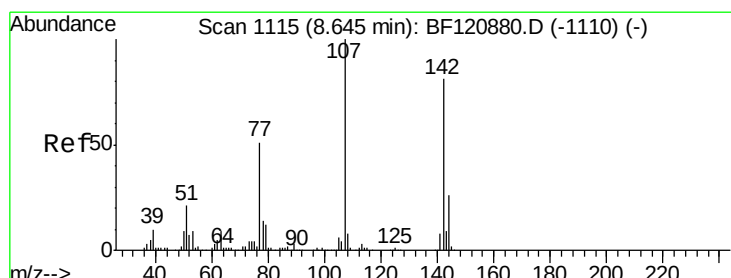
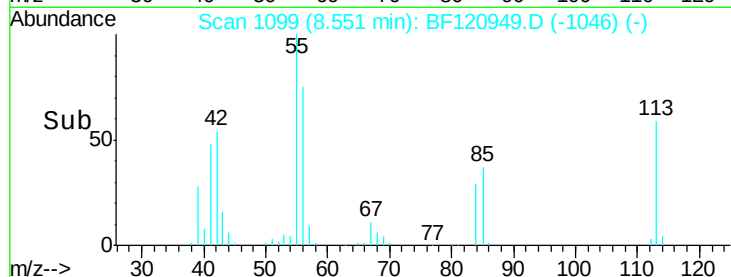
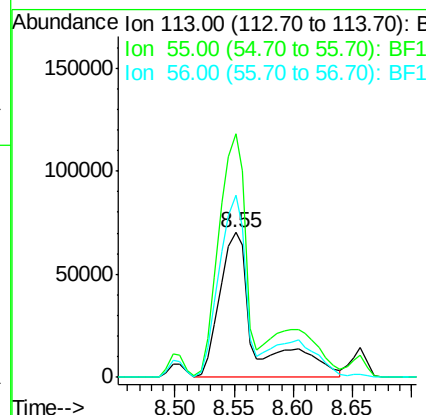
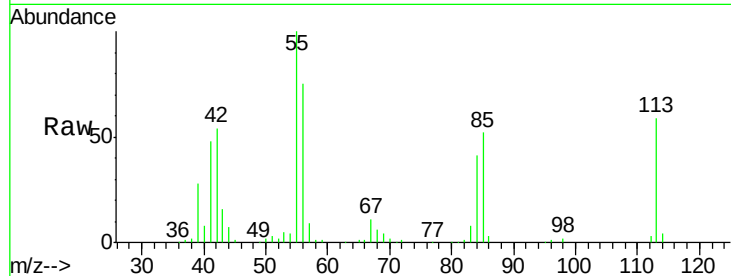
#35
Caprolactam
Concen: 42.197 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	168.3	143.3	183.3		
56	125.7	99.4	139.4		

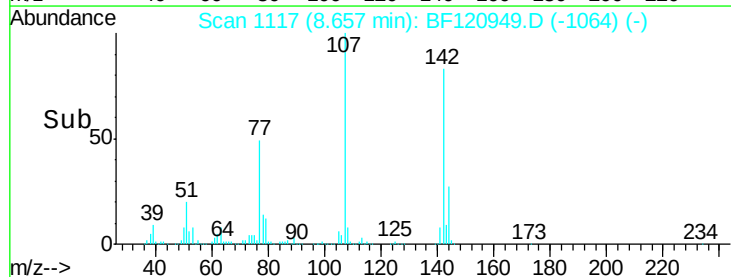
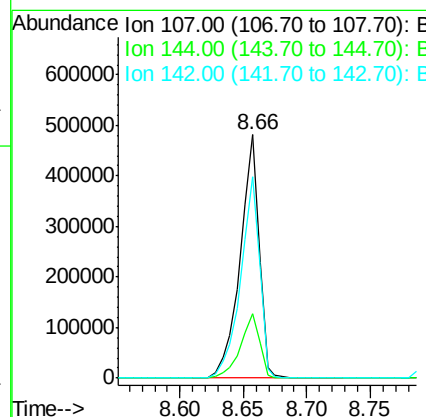
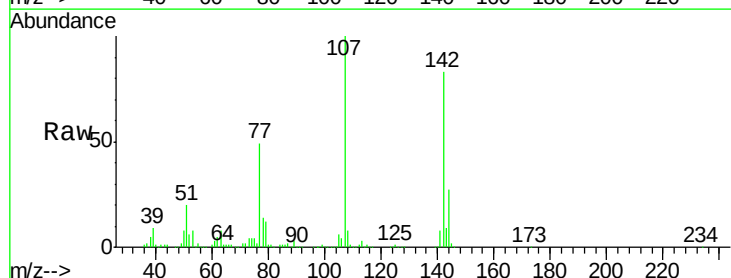
Manual Integrations
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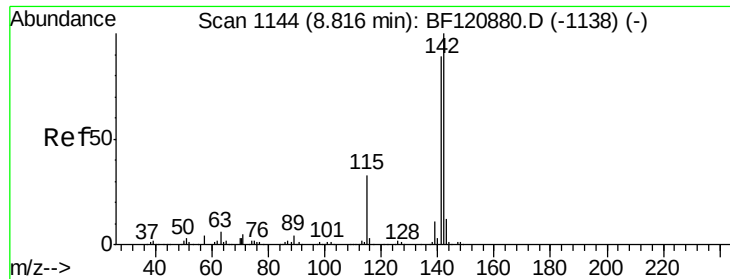
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#36
4-Chloro-3-methylphenol
Concen: 43.753 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.6	21.0	31.6		
142	83.0	65.0	97.6		





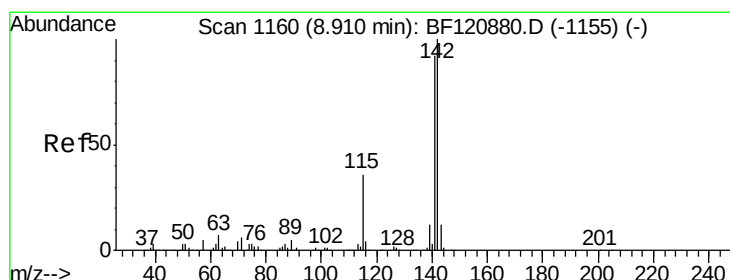
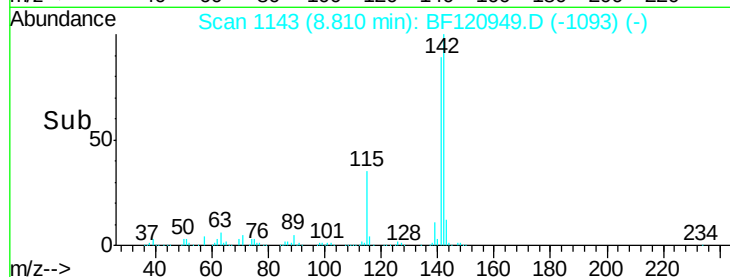
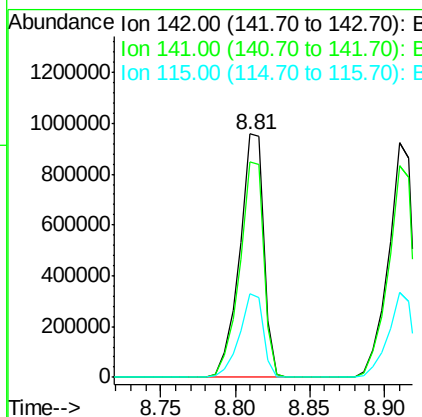
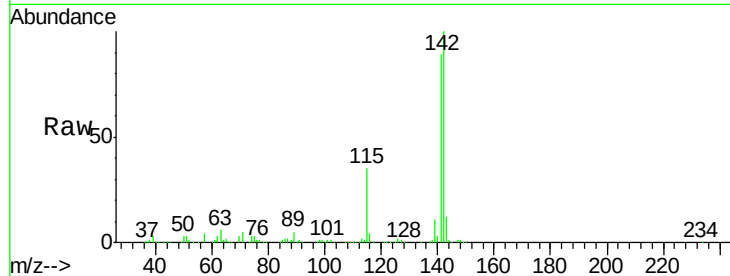
#37
2-Methylnaphthalene
Concen: 43.183 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:142 Resp: 1078945
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4
115 34.5 26.0 39.0

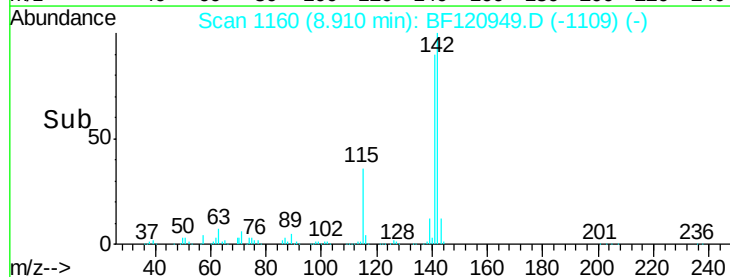
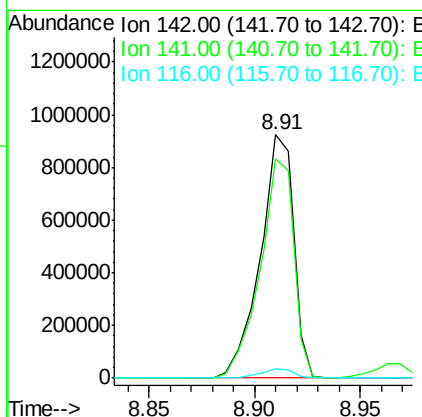
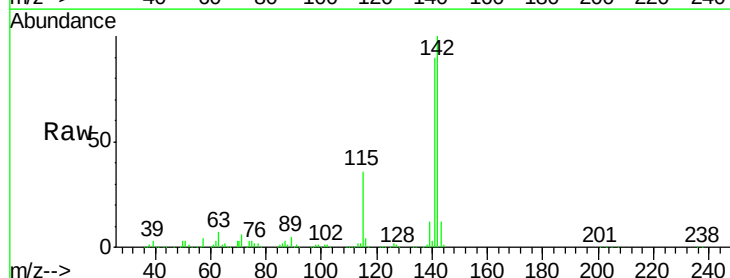
Manual Integrations
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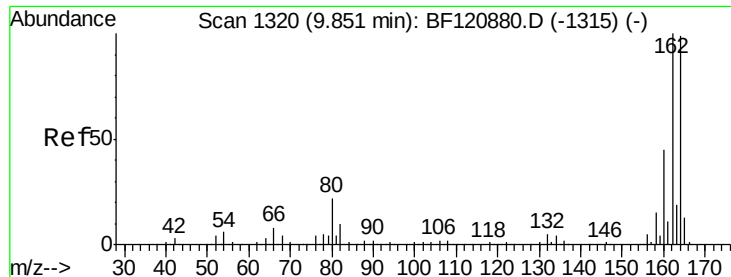
Sohil
7/24/2020 12:09:40 PM



#38
1-Methylnaphthalene
Concen: 43.070 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:142 Resp: 1019188
Ion Ratio Lower Upper
142 100
141 90.2 73.7 110.5
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

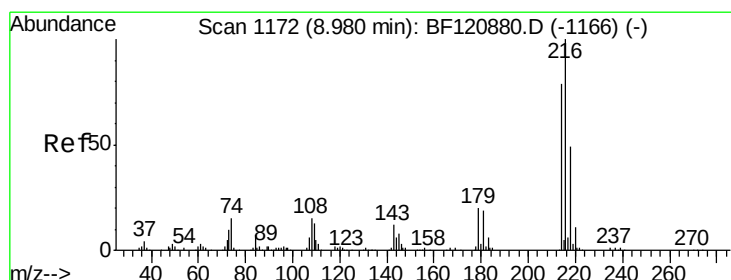
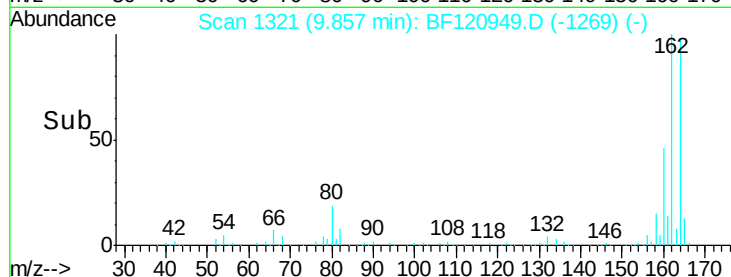
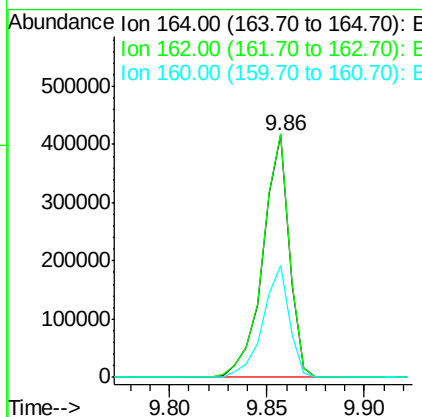
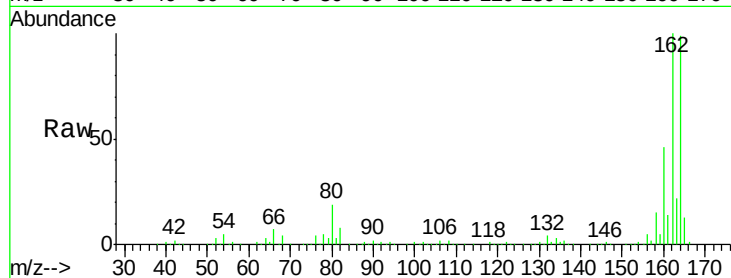
ClientSampled :

PB130301BS

Tot Ion:	164	Resp:	389638
Ion Ratio	Lower	Upper	
164	100		
162	100.7	81.2	121.8
160	46.0	36.9	55.3

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.459 ng

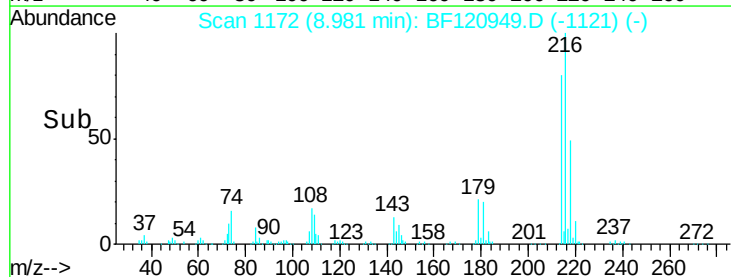
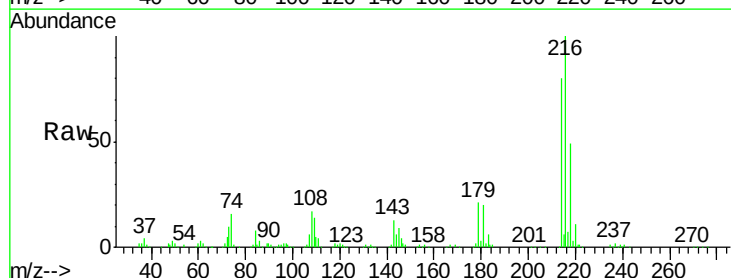
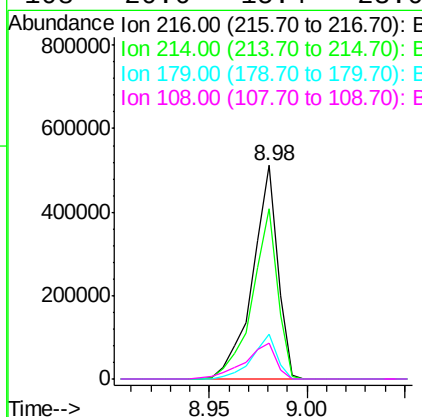
RT: 8.98 min Scan# 1172

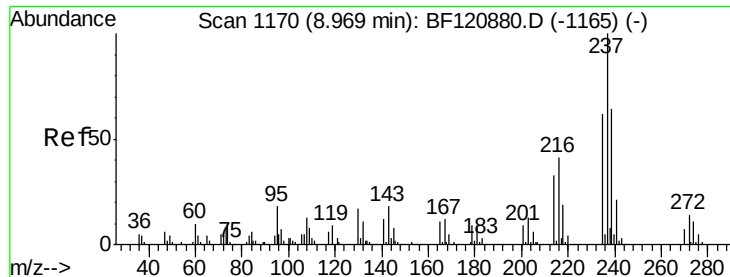
Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:	216	Resp:	459301
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.8	95.8
179	20.7	16.6	24.8
108	20.6	15.4	23.0





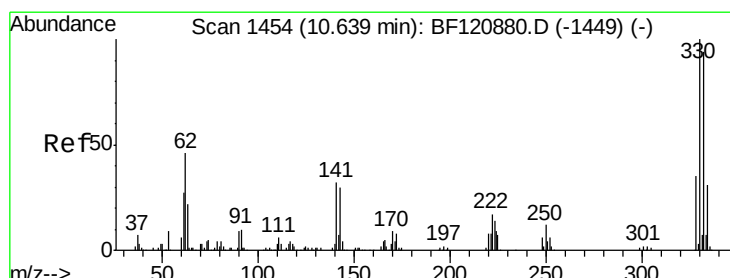
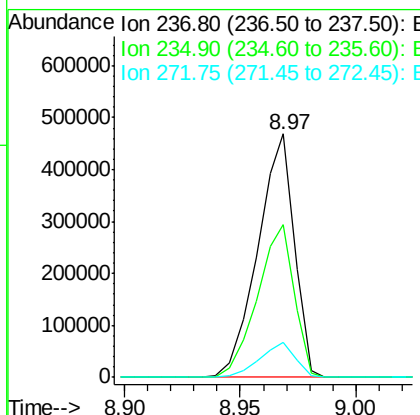
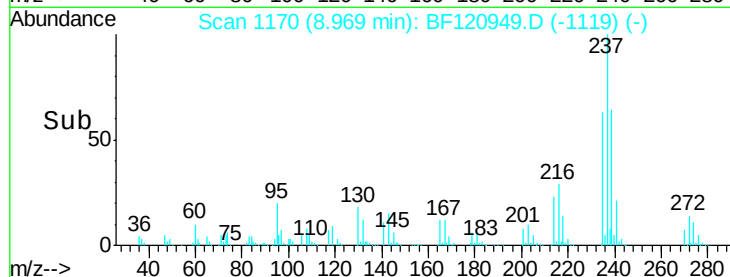
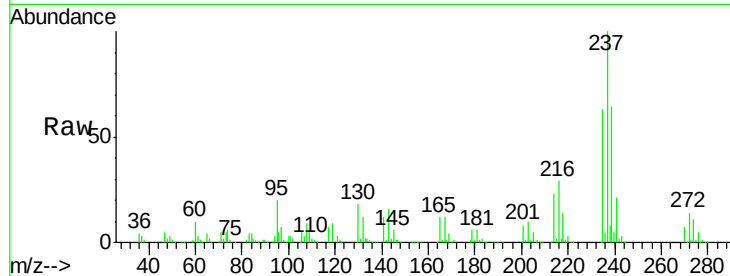
#41
Hexachlorocyclopentadiene
Concen: 81.763 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.0	41.6	81.6	
272	14.4	0.0	33.7	

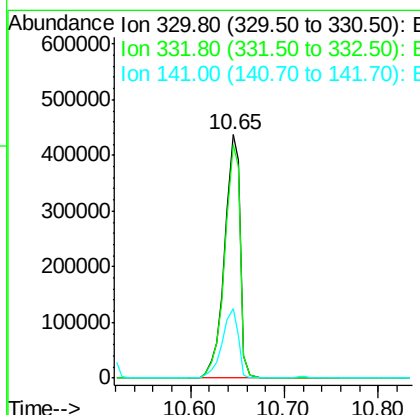
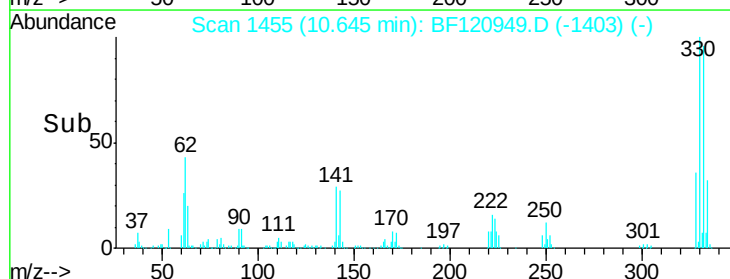
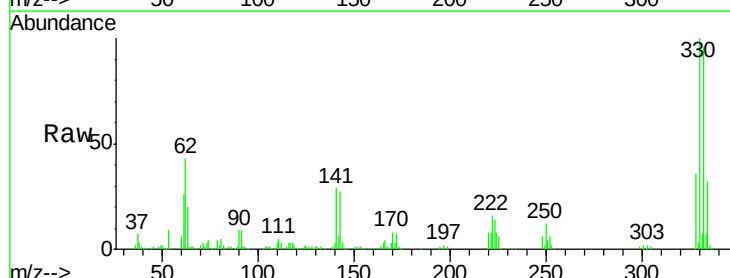
Manual Integrations
APPROVED

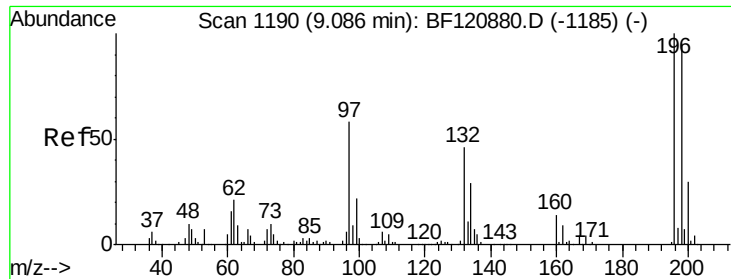
Sohil
7/24/2020 12:09:40 PM



#42
2,4,6-Tribromophenol
Concen: 118.618 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	75.5	113.3	
141	29.5	25.7	38.5	





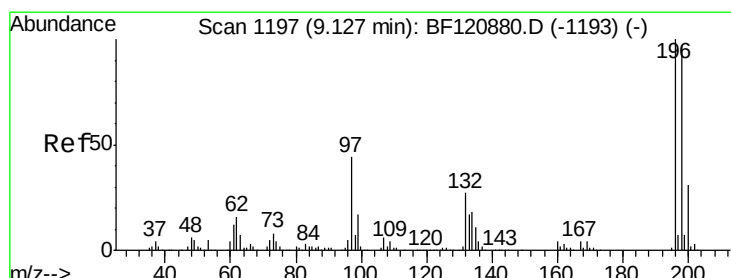
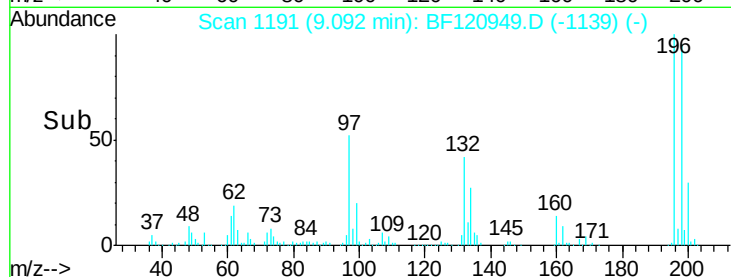
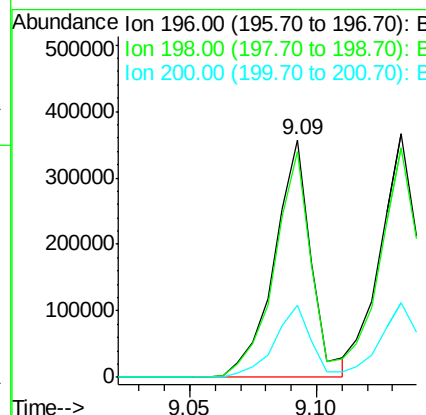
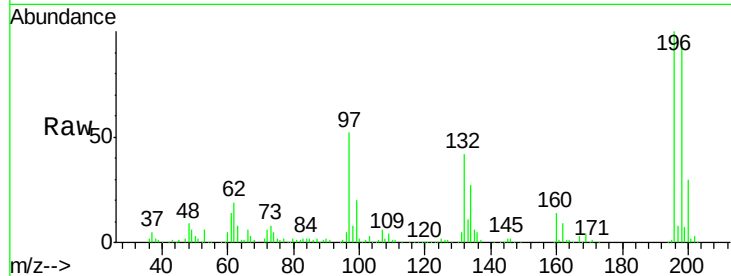
#43
 2,4,6-Trichlorophenol
 Concen: 45.491 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Instrument :
 BNA_F
 ClientSampled :
 PB130301BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
200	30.4	24.4	36.6

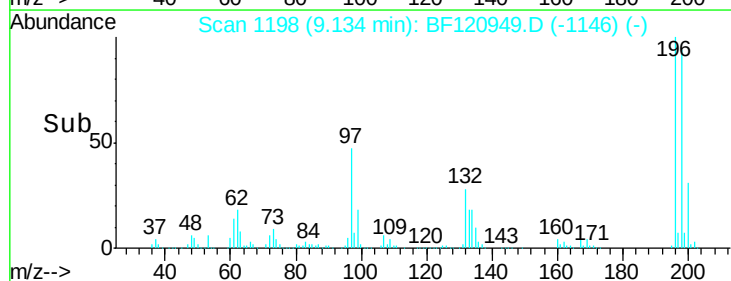
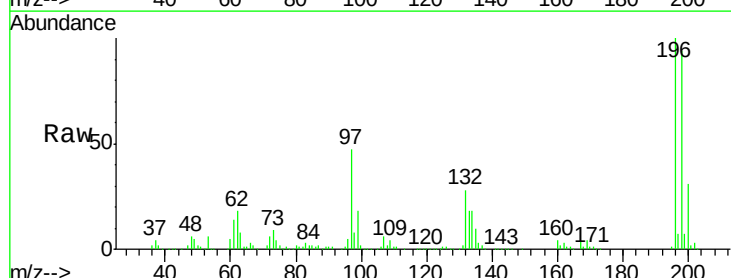
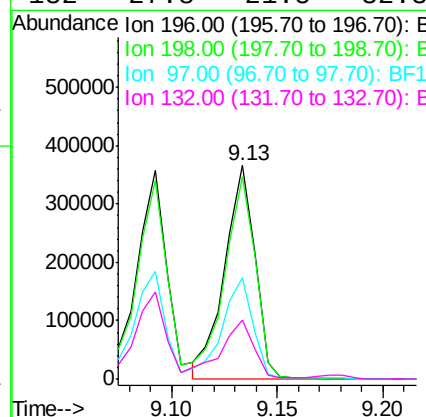
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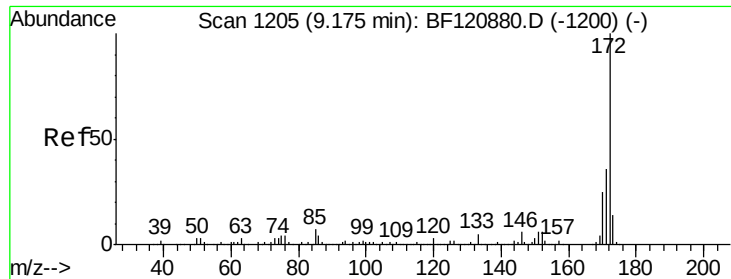
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#44
 2,4,5-Trichlorophenol
 Concen: 40.221 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.6	116.4
97	47.4	35.6	53.4
132	27.8	21.5	32.3





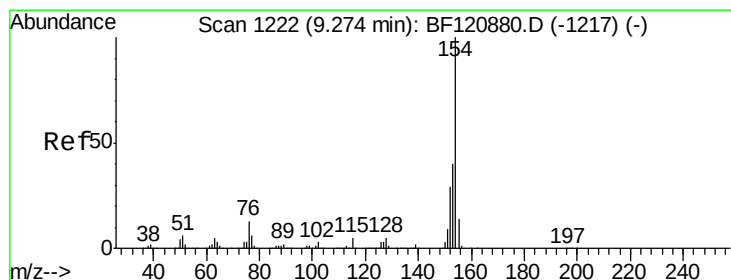
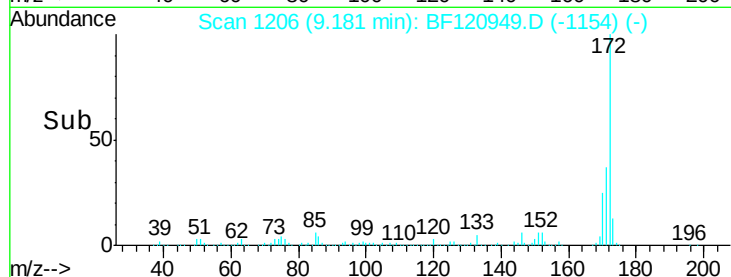
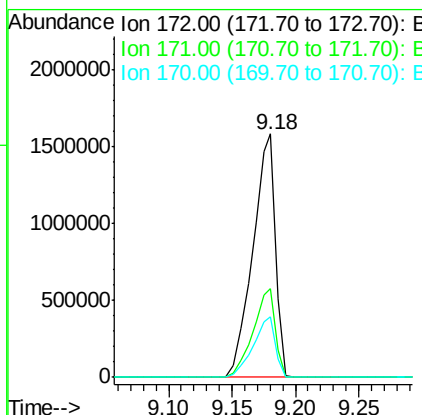
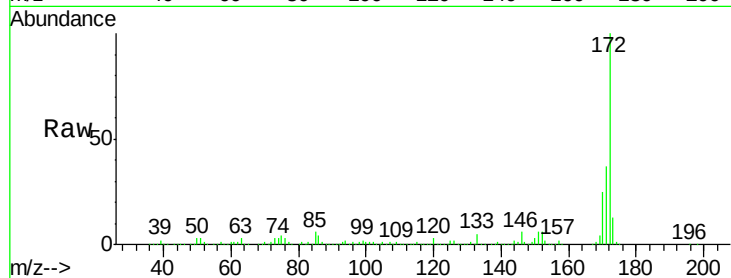
#45
2-Fluorobiphenyl
Concen: 75.772 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:172 Resp: 1977408
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.7 19.6 29.4

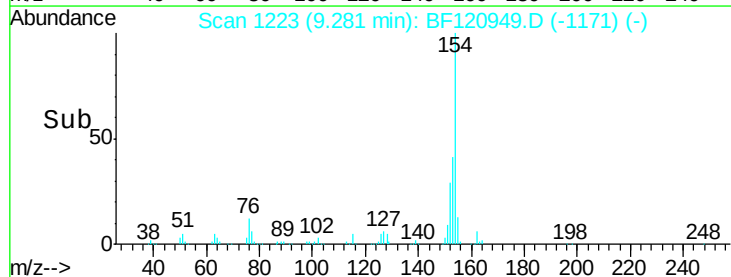
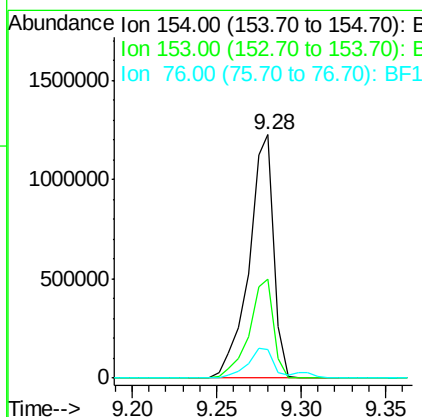
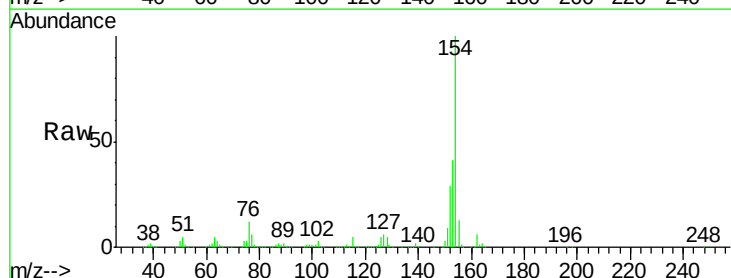
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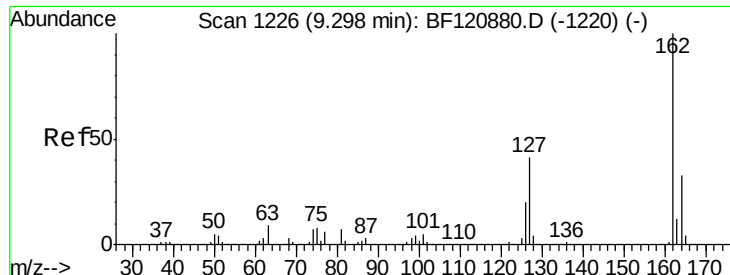
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#46
1,1'-Biphenyl
Concen: 42.161 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:154 Resp: 1253105
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.7 0.0 33.1





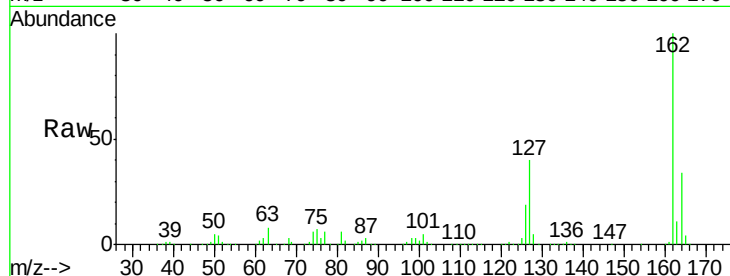
#47
2-Chloronaphthalene
Concen: 41.500 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	40.0	33.3	49.9	
164	33.8	26.6	39.8	

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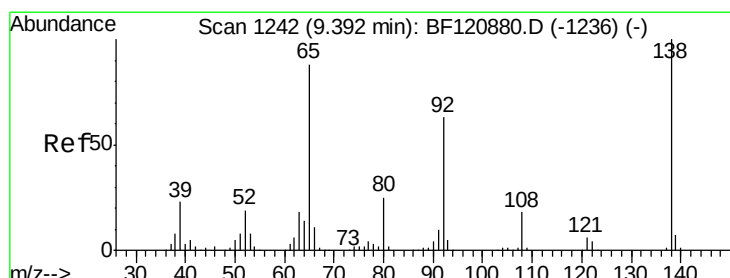
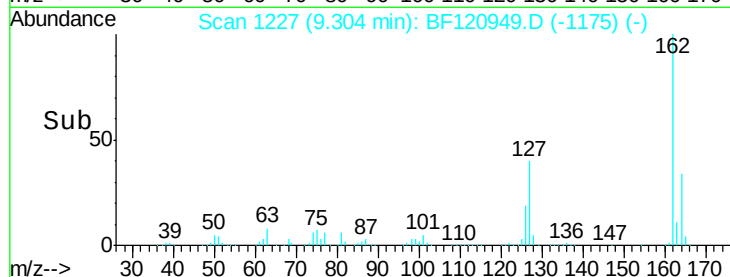
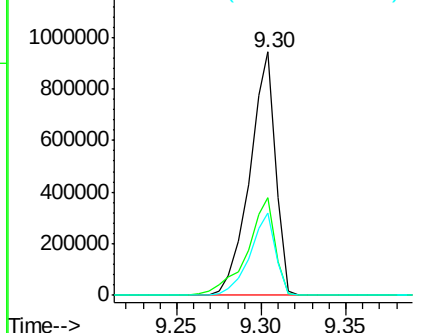


Abundance

Ion 162.00 (161.70 to 162.70): E

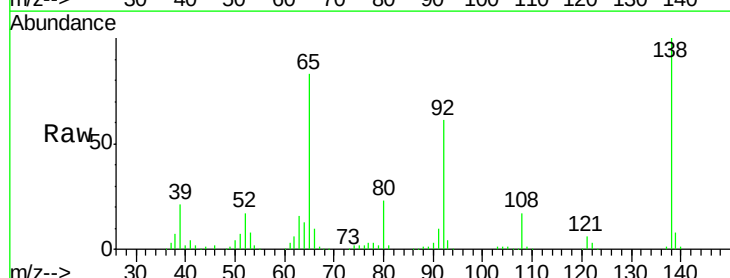
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.414 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	73.9	57.0	85.4	
138	121.0	90.4	135.6	

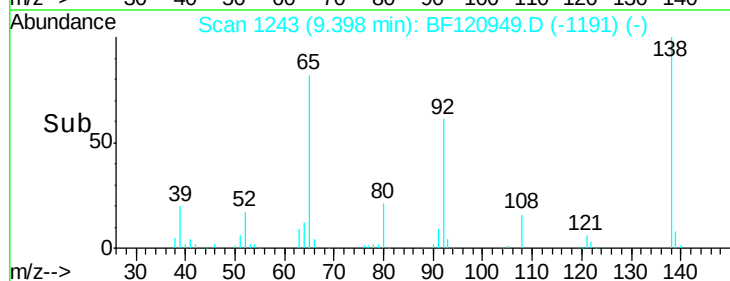
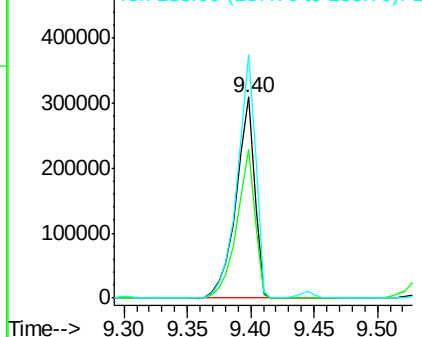


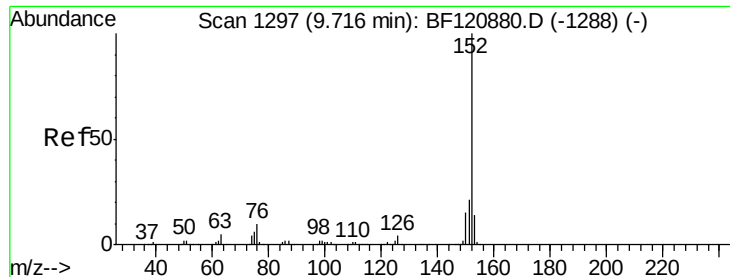
Abundance

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: 40.998 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

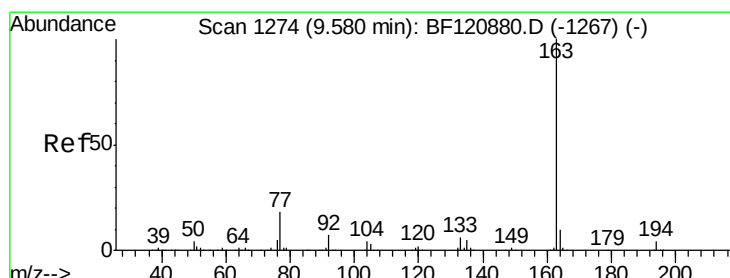
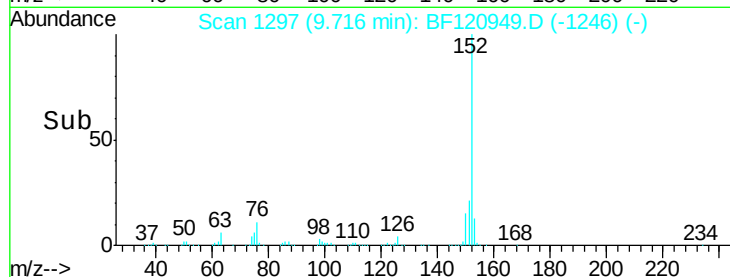
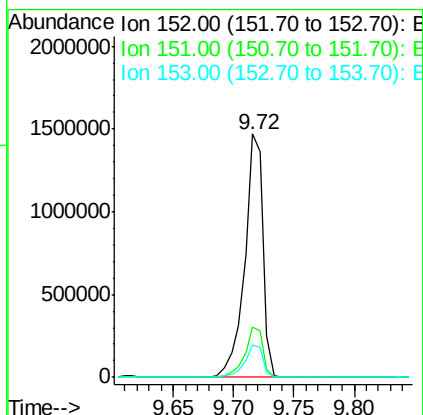
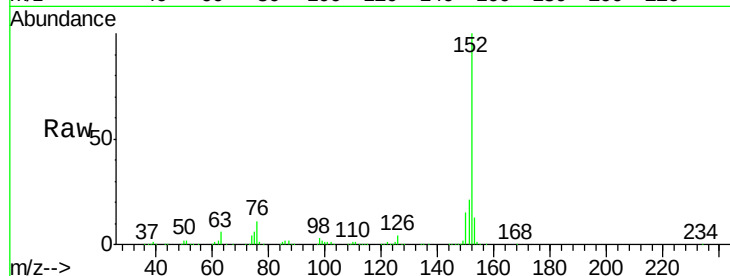
PB130301BS

Tot Ion:152 Resp: 1543368

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.5	10.9	16.3

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#50

Dimethylphthalate

Concen: 42.038 ng

RT: 9.58 min Scan# 1274

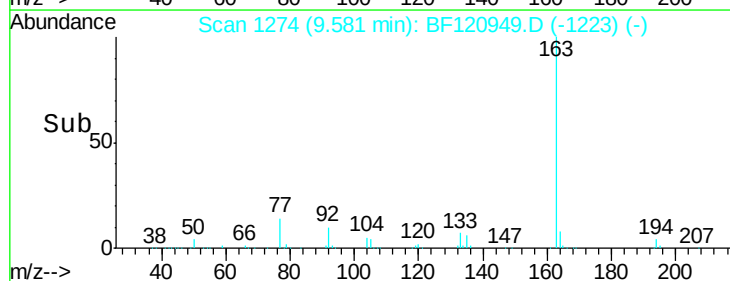
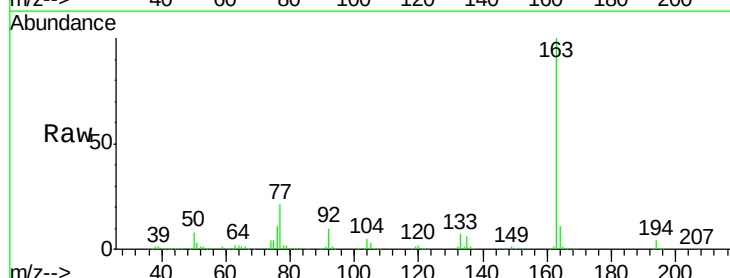
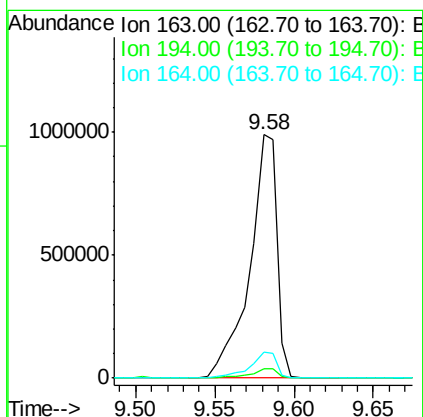
Delta R.T. 0.00 min

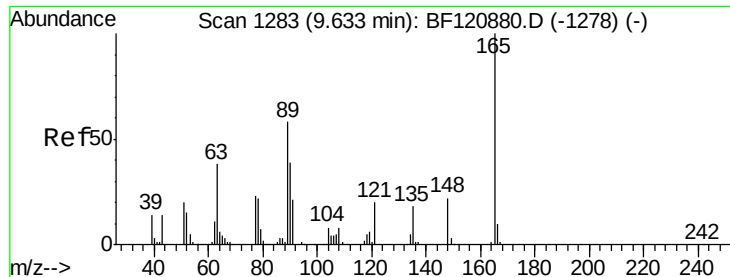
Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:163 Resp: 1181682

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.7	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 44.743 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

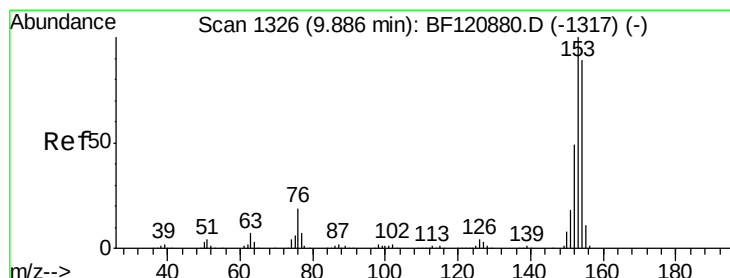
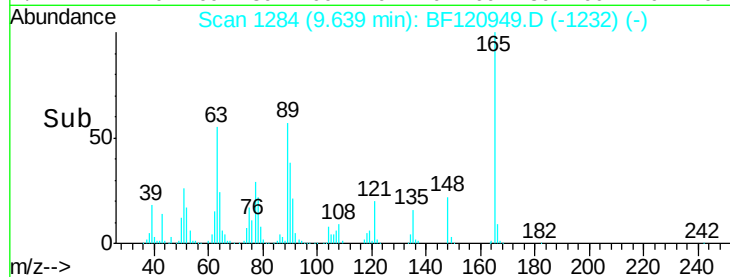
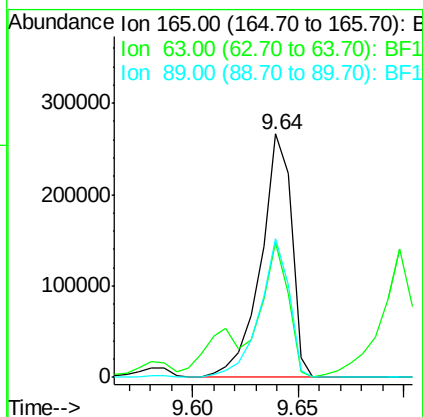
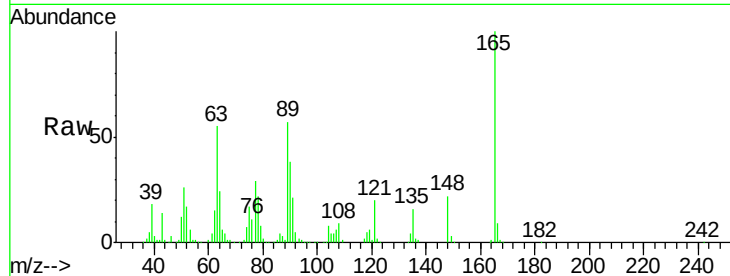
ClientSampleId :

PB130301BS

Tot Ion:	165	Resp:	270213
Ion Ratio	Lower	Upper	
165	100		
63	55.2	45.4	68.2
89	56.7	47.0	70.4

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#52

Acenaphthene

Concen: 45.251 ng m

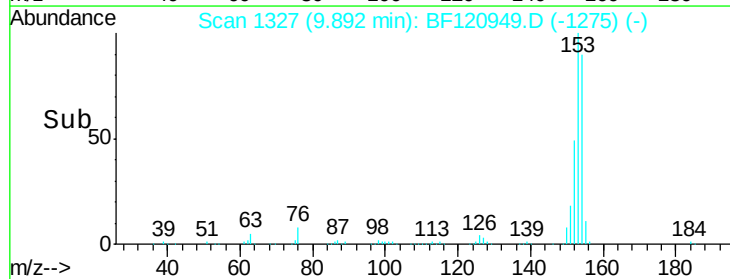
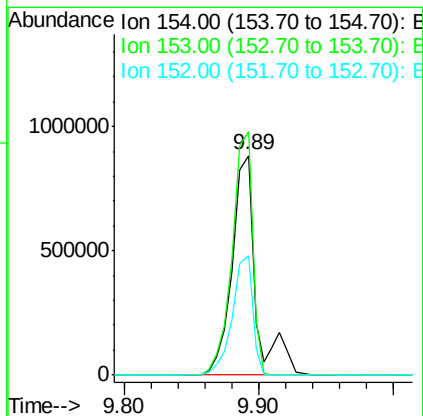
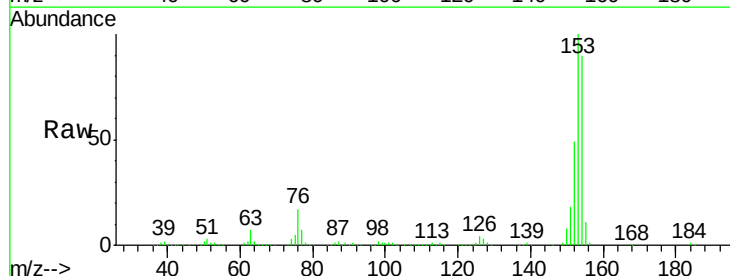
RT: 9.89 min Scan# 1327

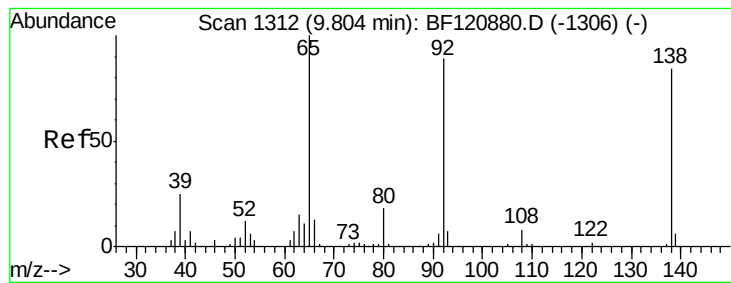
Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:	154	Resp:	1083018
Ion Ratio	Lower	Upper	
154	100		
153	110.7	89.5	134.3
152	54.3	44.2	66.2





#53

3-Nitroaniline

Concen: 33.463 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

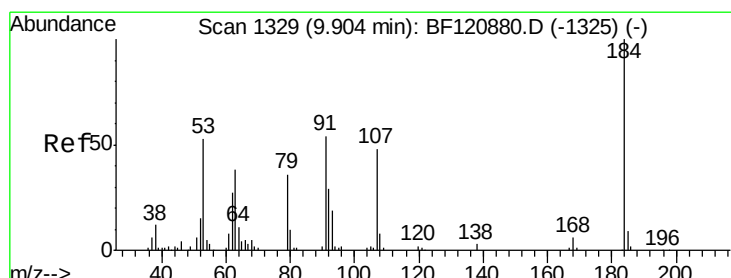
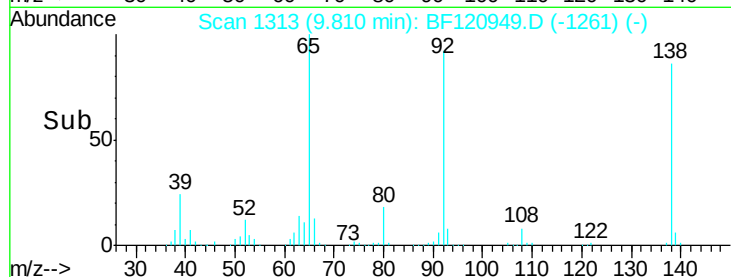
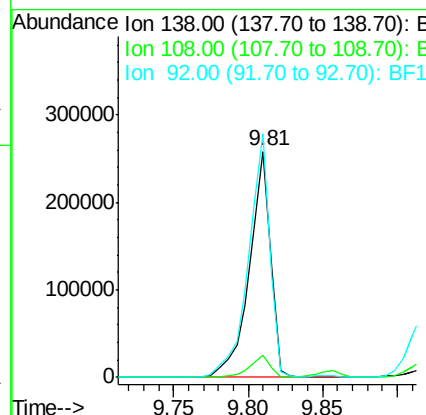
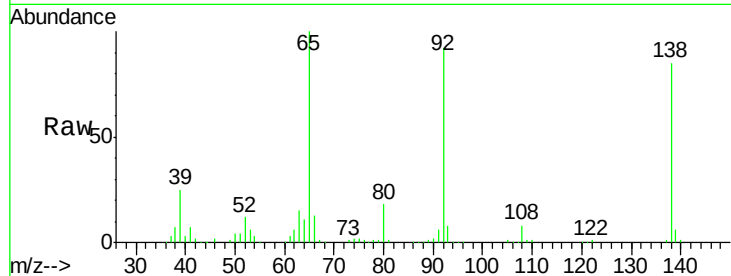
ClientSampleId :

PB130301BS

Tot Ion:	138	Resp:	253459
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.9	11.9
92	107.6	85.3	127.9

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#54

2,4-Dinitrophenol

Concen: 80.253 ng

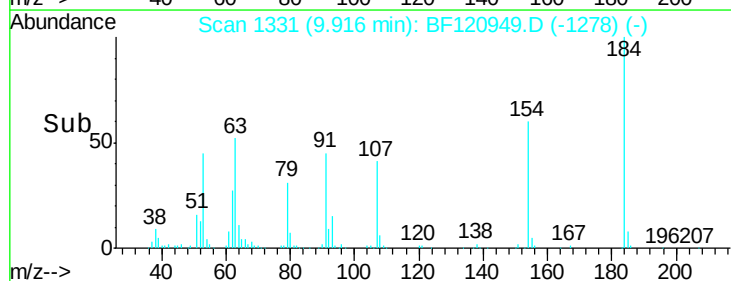
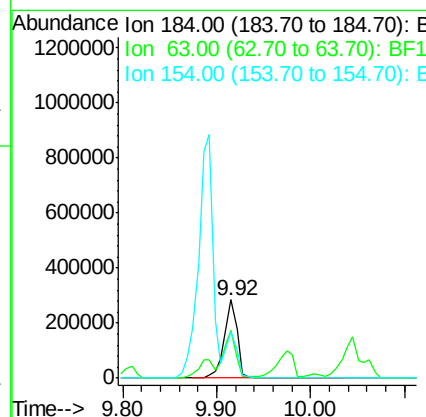
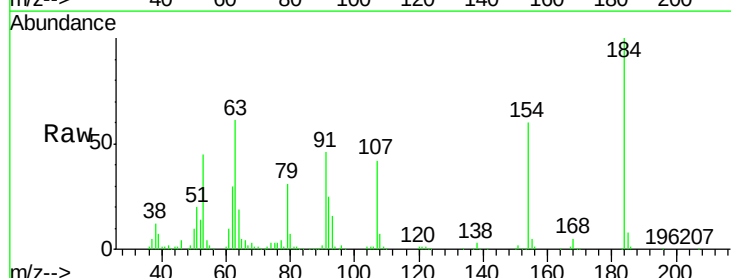
RT: 9.92 min Scan# 1331

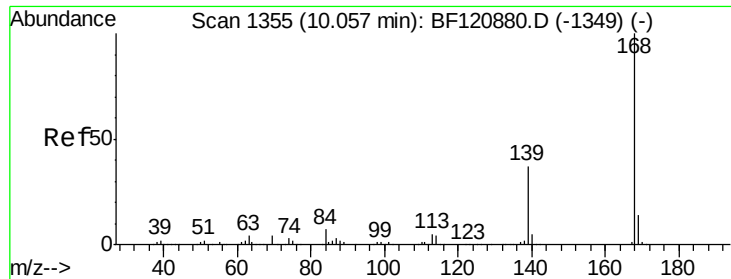
Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:	184	Resp:	279052
Ion Ratio	Lower	Upper	
184	100		
63	60.8	57.9	86.9
154	60.0	52.6	78.8





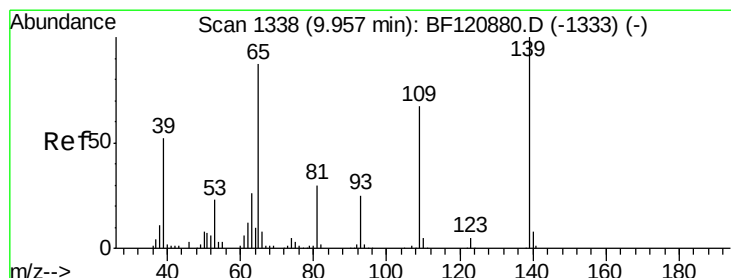
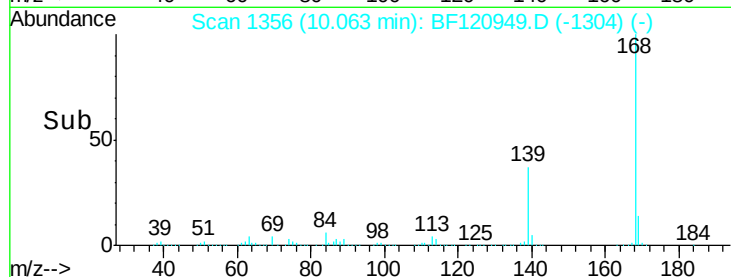
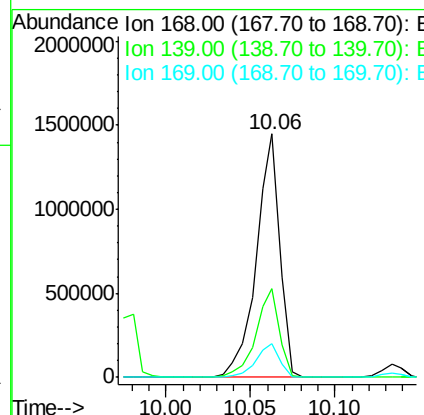
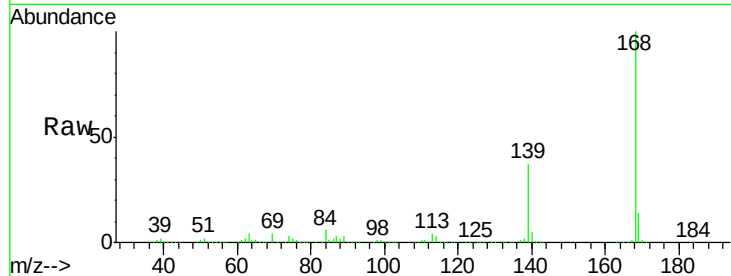
#55
Dibenzofuran
Concen: 40.575 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.7	44.5
169	13.9	11.1	16.7

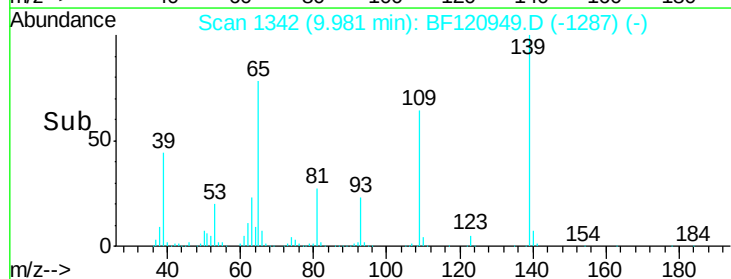
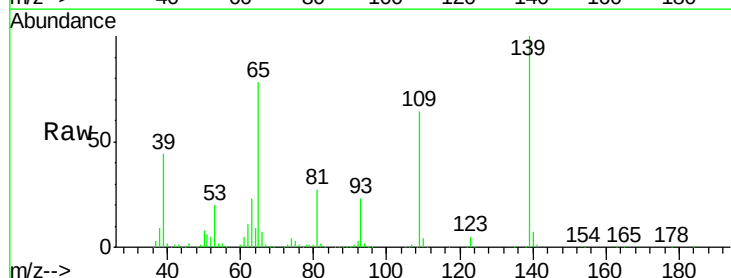
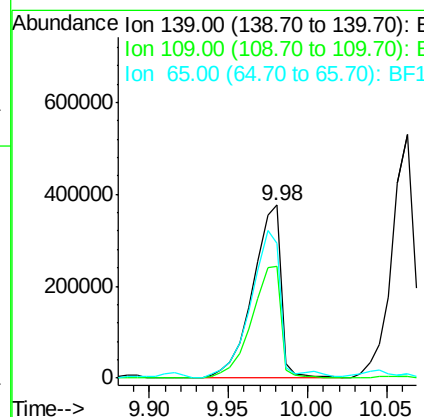
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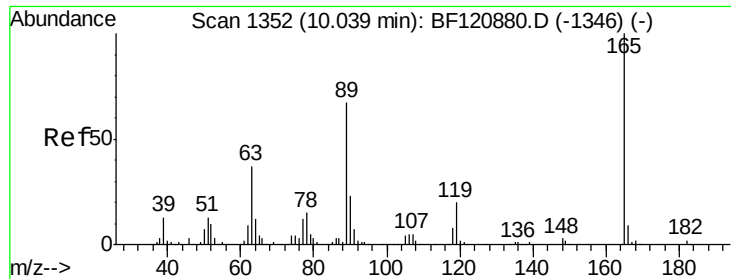
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#56
4-Nitrophenol
Concen: 82.036 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.4	47.3	87.3
65	77.8	67.2	107.2





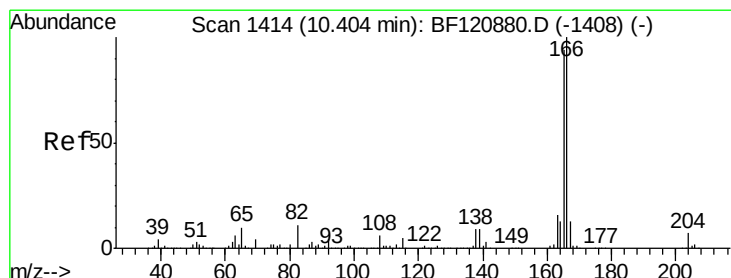
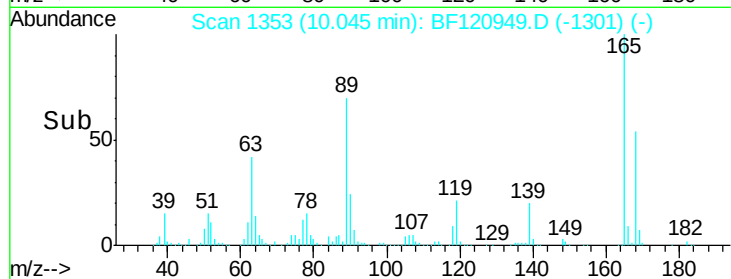
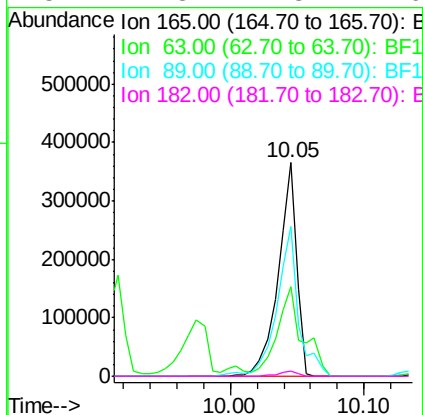
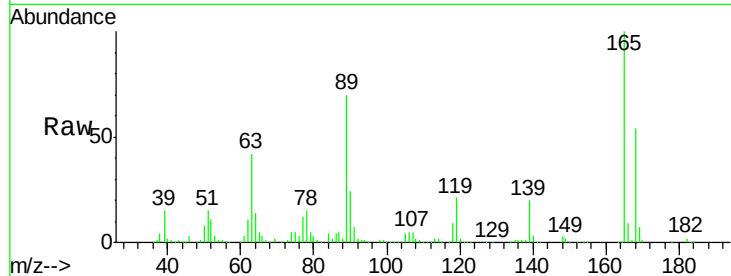
#57
2,4-Dinitrotoluene
Concen: 44.751 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampled :
PB130301BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	354910		
63	41.7	29.4	44.2	
89	70.1	53.4	80.0	
182	2.3	1.8	2.6	

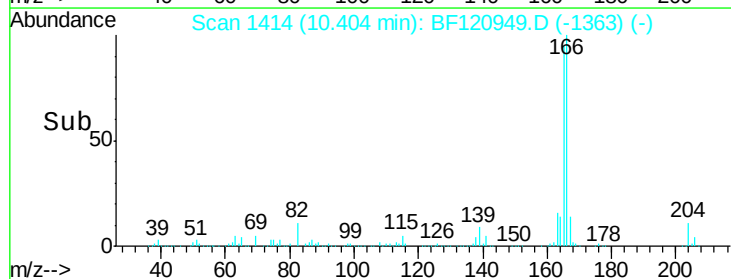
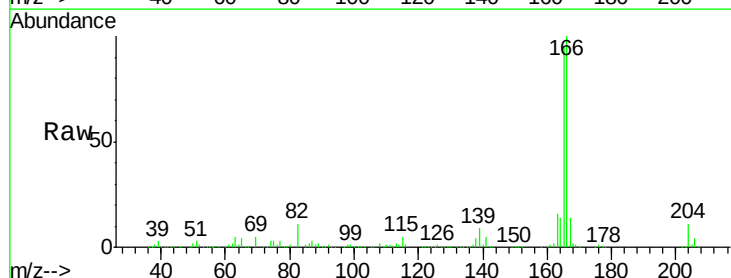
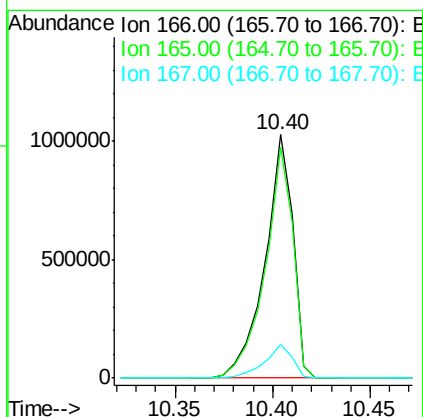
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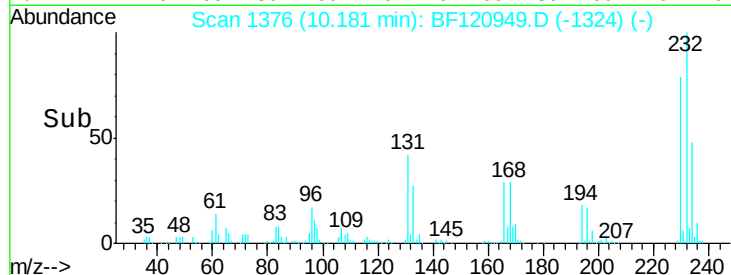
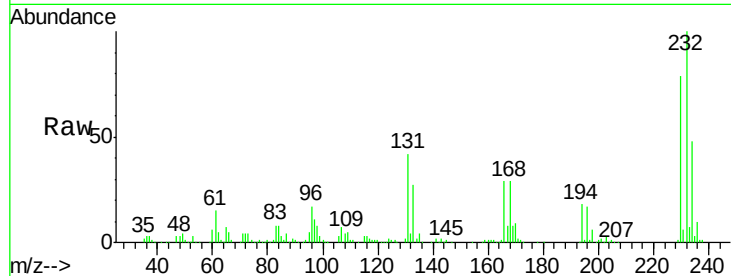
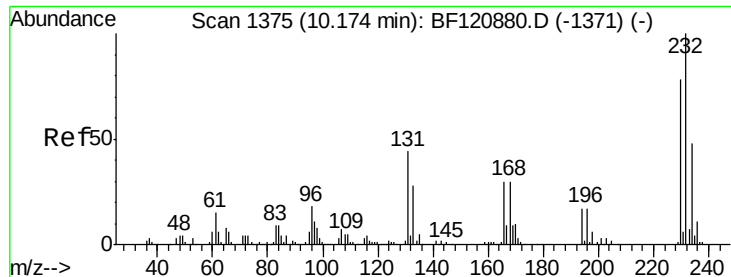
Sohil
7/24/2020 12:09:40 PM



#58
Fluorene
Concen: 39.530 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1020409		
165	94.6	75.4	113.0	
167	13.6	10.6	15.8	





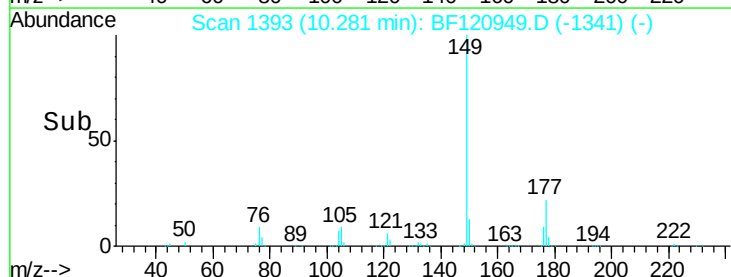
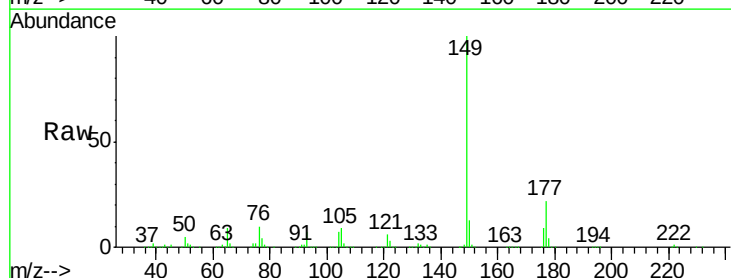
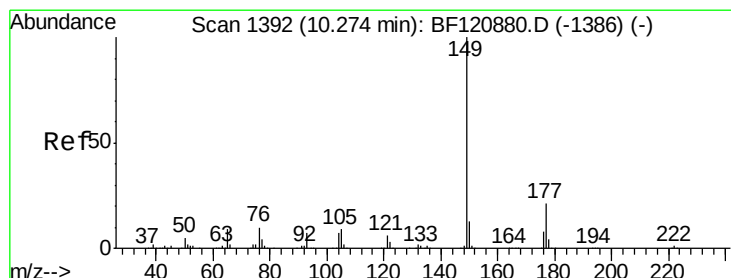
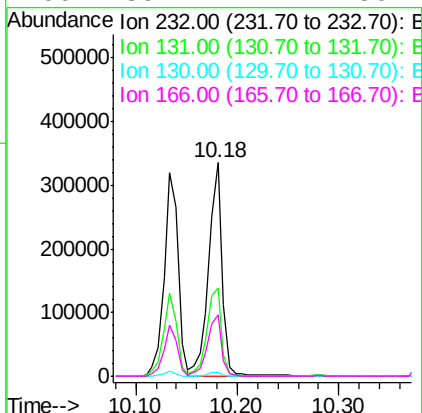
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.150 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.1	55.7
130	2.3	1.7	2.5
166	30.2	24.2	36.4

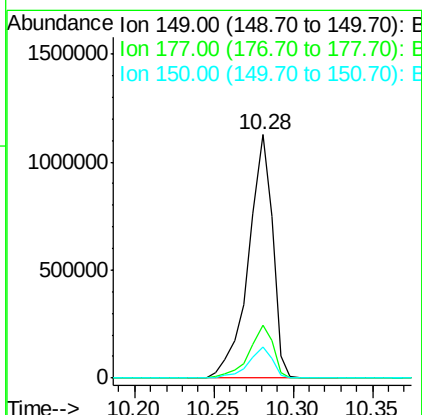
Manual Integrations
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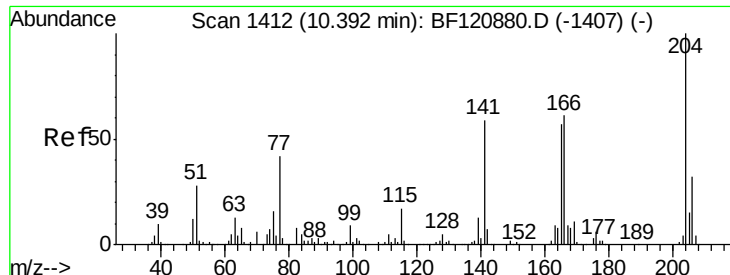
Sohil
7/24/2020 12:09:40 PM



#60
Diethylphthalate
Concen: 41.773 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.8	10.3	15.5





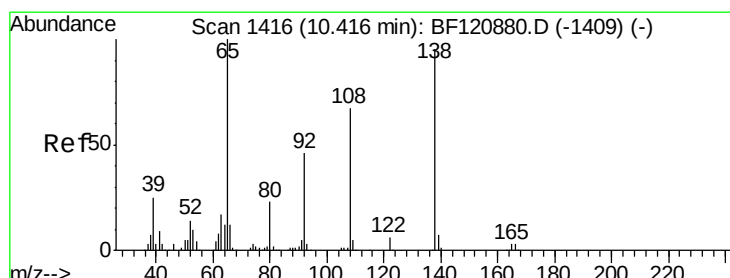
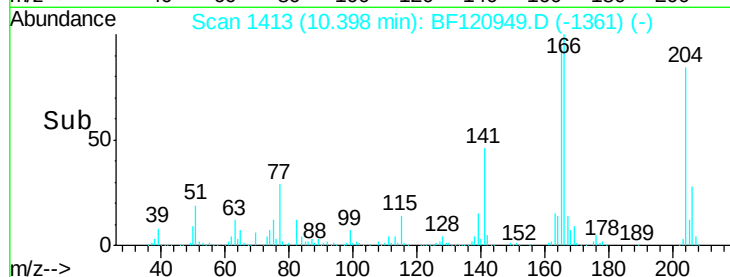
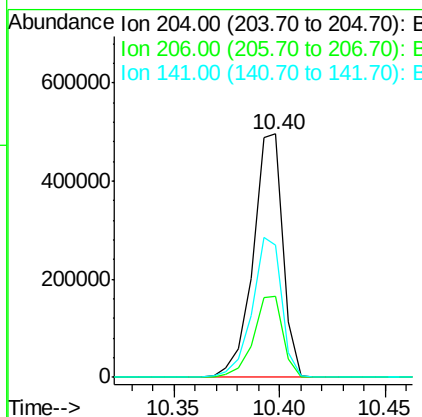
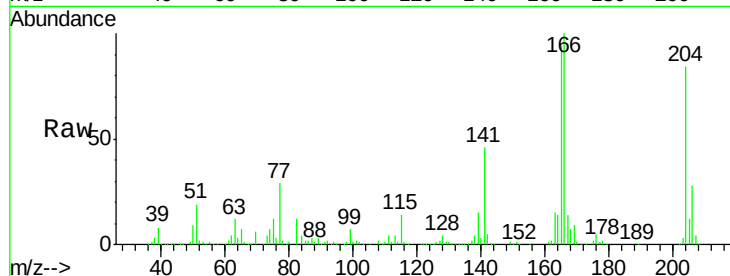
#61
4-Chlorophenyl-phenylether
Concen: 35.565 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.9	38.9
141	54.3	47.2	70.8

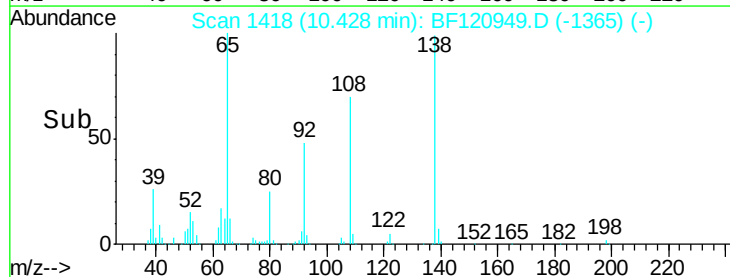
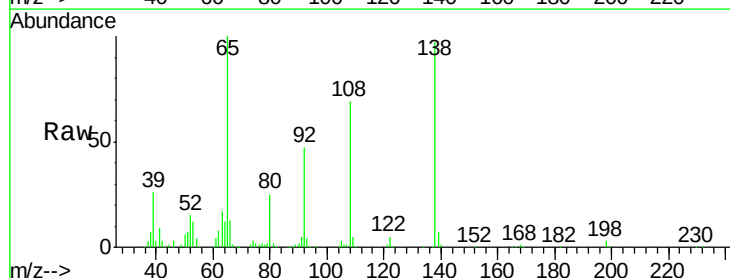
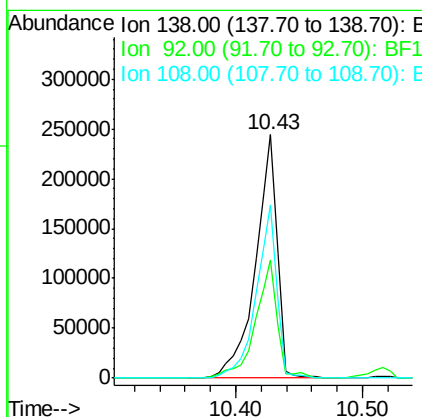
Manual Integrations
APPROVED

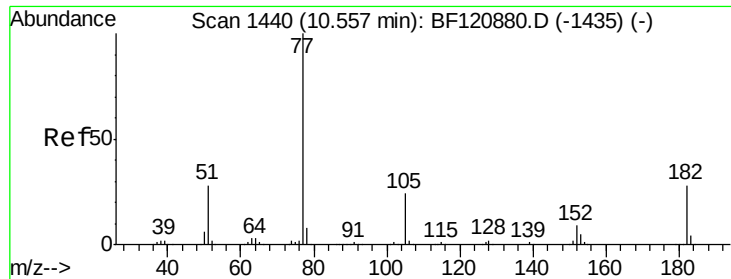
Sohil
7/24/2020 12:09:40 PM



#62
4-Nitroaniline
Concen: 40.050 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	28.6	68.6
108	71.3	51.1	91.1





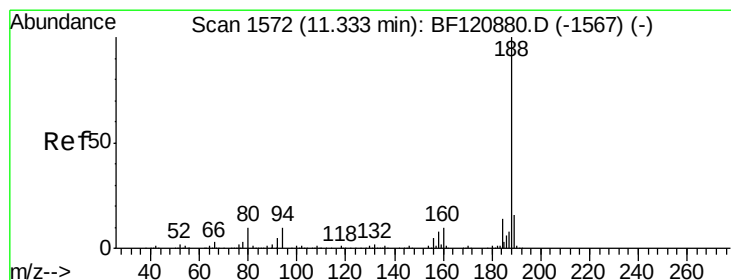
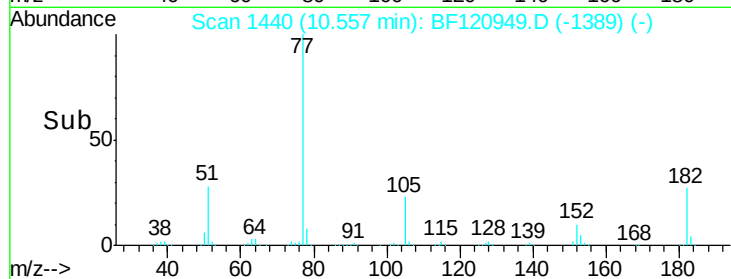
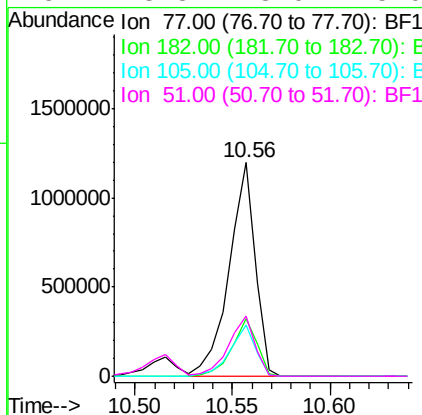
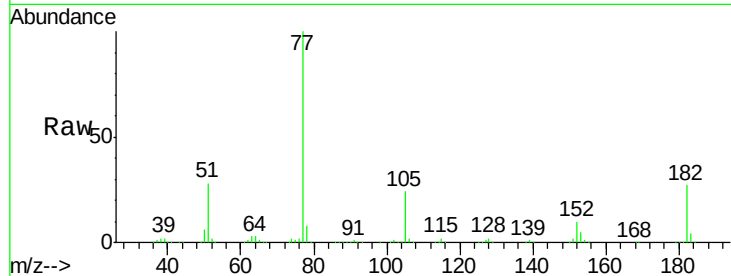
#63
Azobenzene
Concen: 40.878 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	27.0	7.8	47.8
105	105	24.1	4.4	44.4
51	51	28.3	8.0	48.0

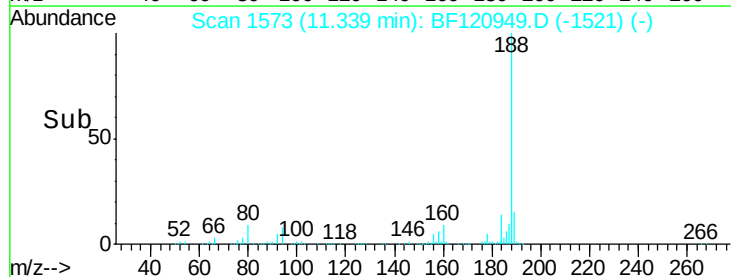
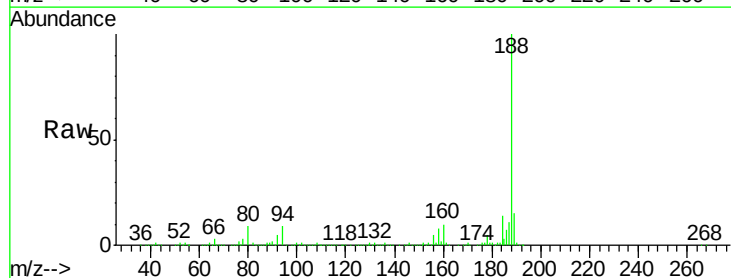
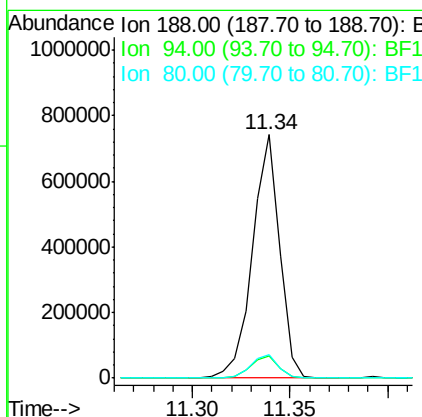
Manual Integrations
APPROVED

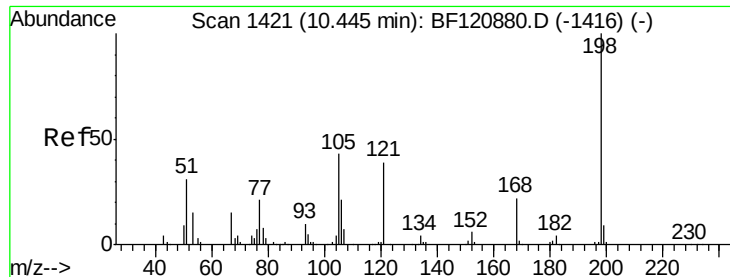
Sohil
7/24/2020 12:09:40 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	9.1	8.0	12.0
80	80	9.4	8.3	12.5





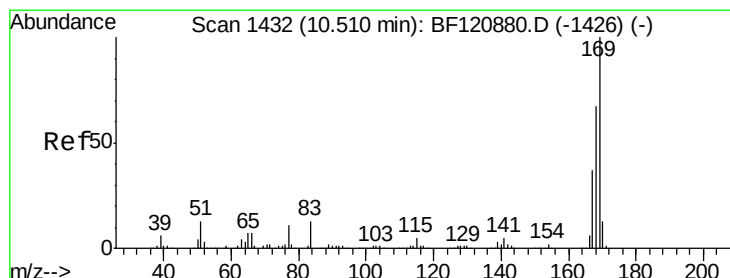
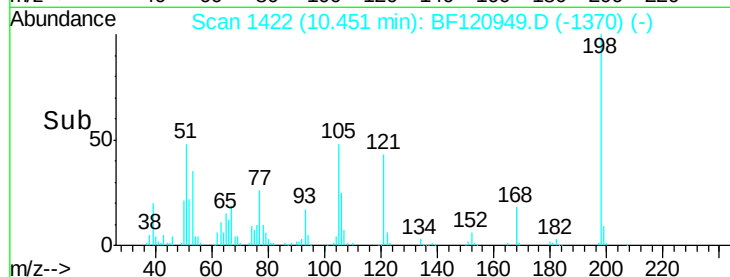
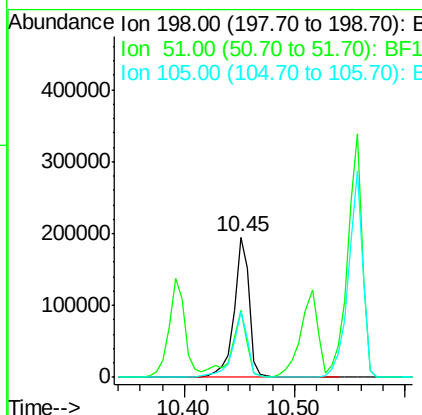
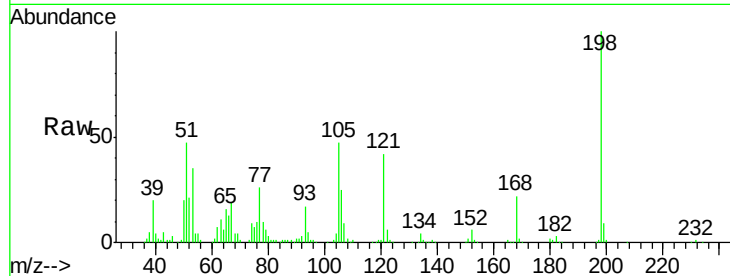
#65
4,6-Dinitro-2-methylphenol
Concen: 45.402 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampled :
PB130301BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.4	19.5	59.5
105	47.1	24.4	64.4

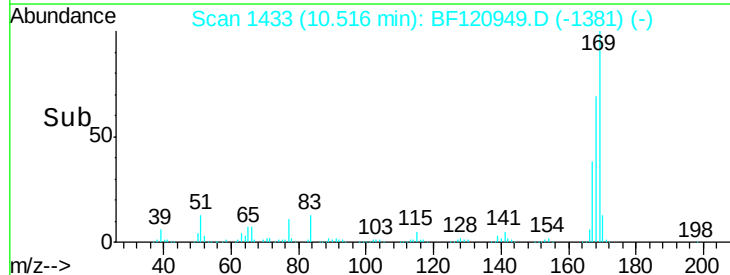
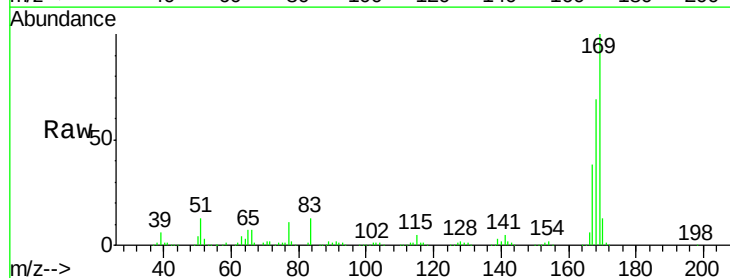
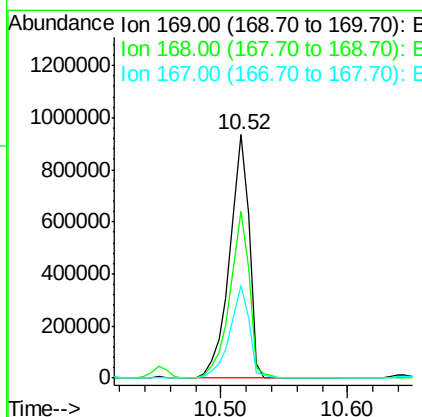
Manual Integrations
APPROVED

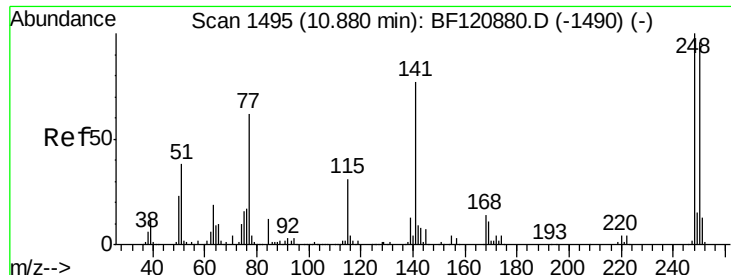
Sohil
7/24/2020 12:09:40 PM



#66
n-Nitrosodiphenylamine
Concen: 43.859 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.6	53.4	80.0
167	37.8	29.4	44.0





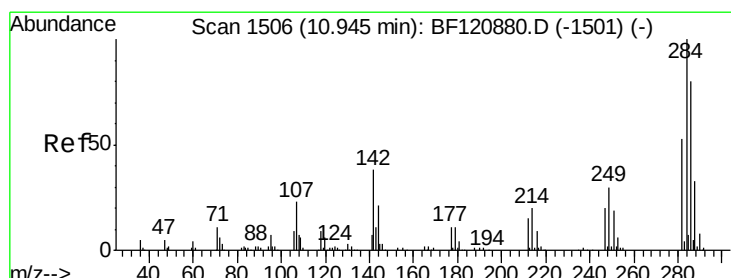
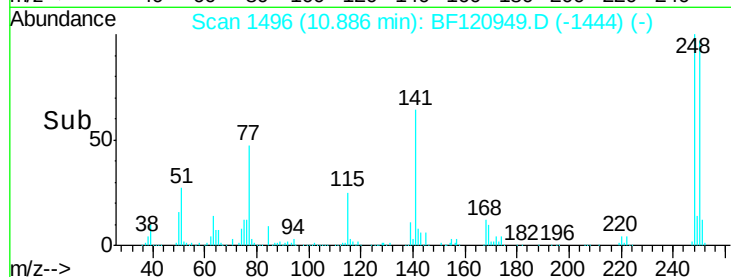
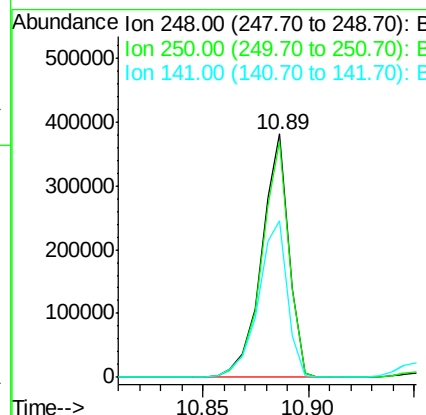
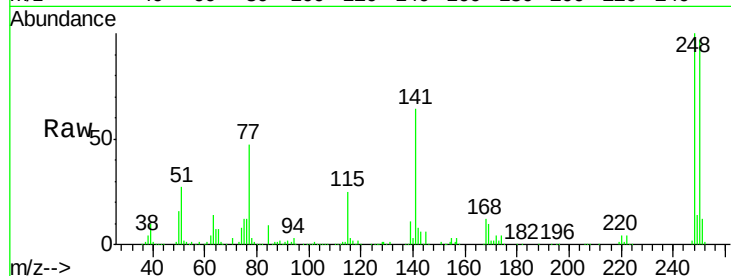
#67
4-Bromophenyl-phenylether
Concen: 42.900 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampled :
PB130301BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.1	115.7
141	64.2	61.2	91.8

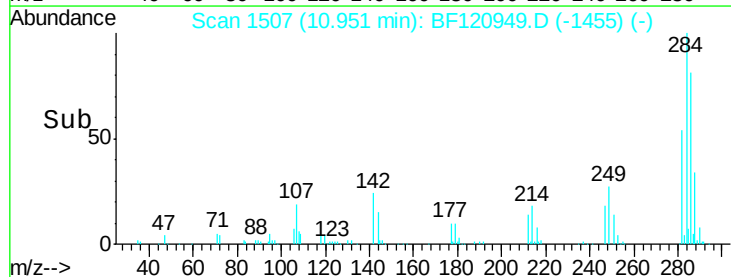
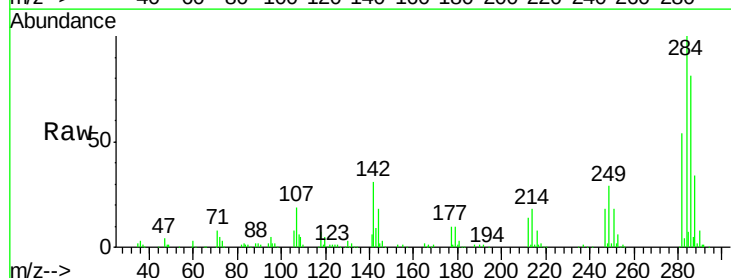
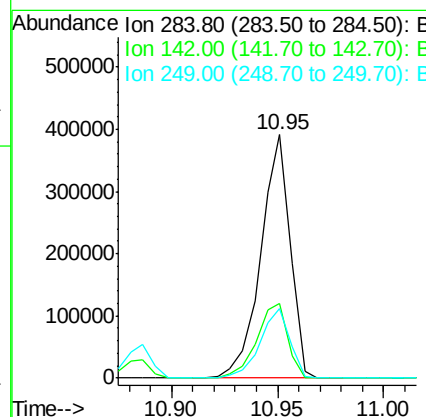
Manual Integrations
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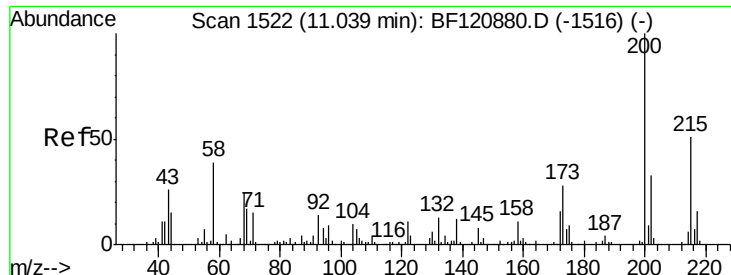
Sohil
7/24/2020 12:09:40 PM



#68
Hexachlorobenzene
Concen: 43.959 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	30.2	45.2
249	28.7	24.2	36.2





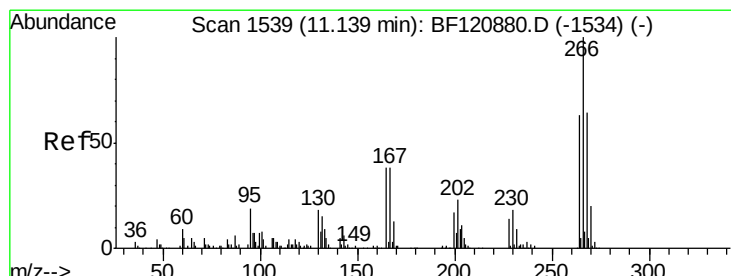
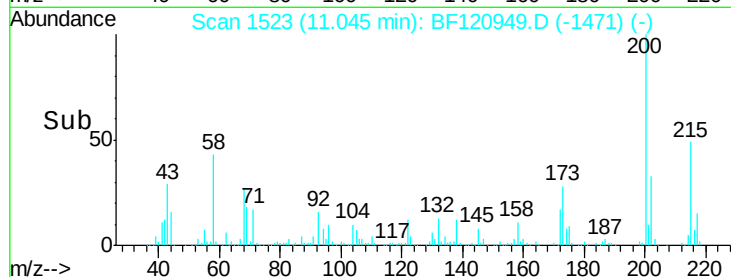
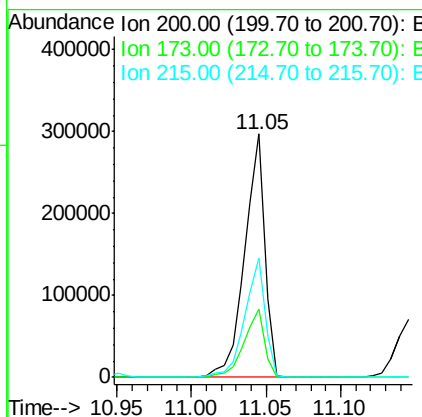
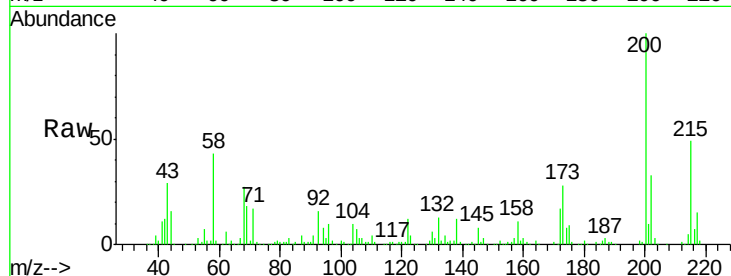
#69
Atrazine
Concen: 50.033 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	8.0	48.0
215	49.2	31.5	71.5

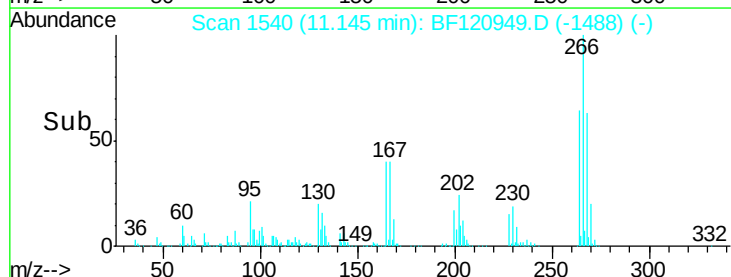
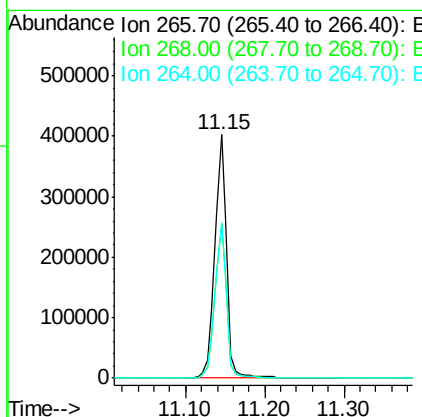
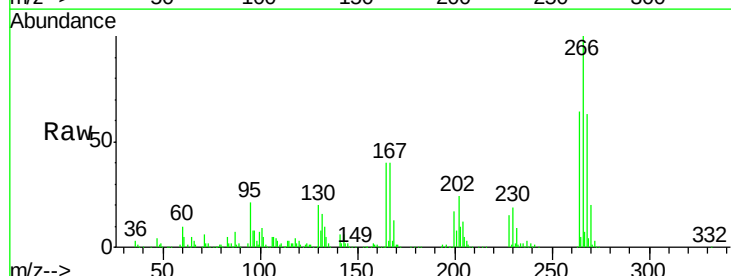
Manual Integrations
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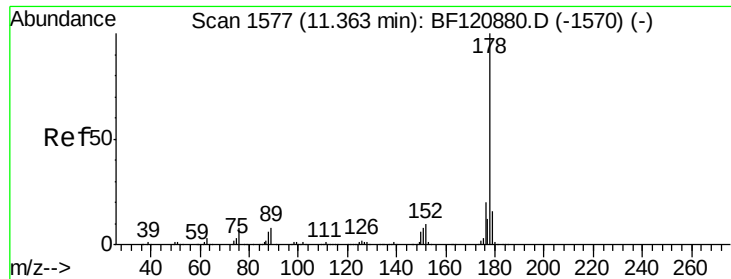
Sohil
7/24/2020 12:09:40 PM



#70
Pentachlorophenol
Concen: 84.295 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	51.1	76.7
264	63.6	50.2	75.2





#71

Phenanthrene

Concen: 41.596 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

Tot Ion:178 Resp: 1527653

Ion Ratio Lower Upper

178 100

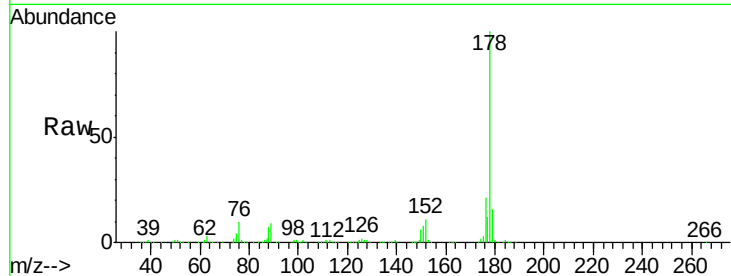
176 20.8 16.2 24.4

179 16.4 12.8 19.2

Manual Integrations
APPROVED

Sohil

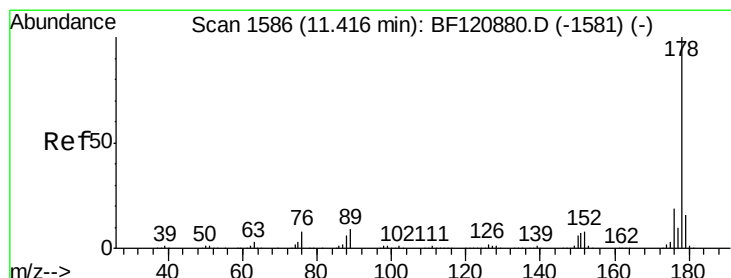
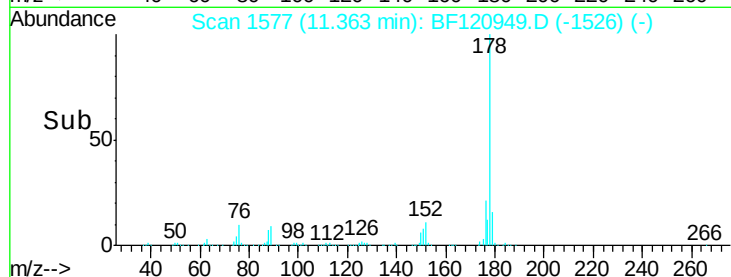
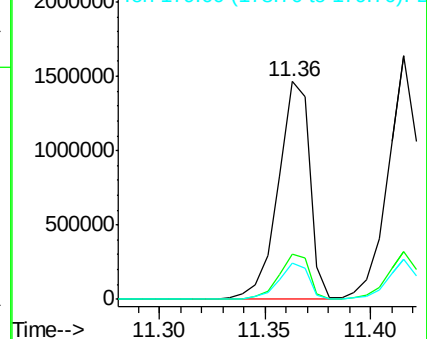
7/24/2020 12:09:40 PM



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: 42.635 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

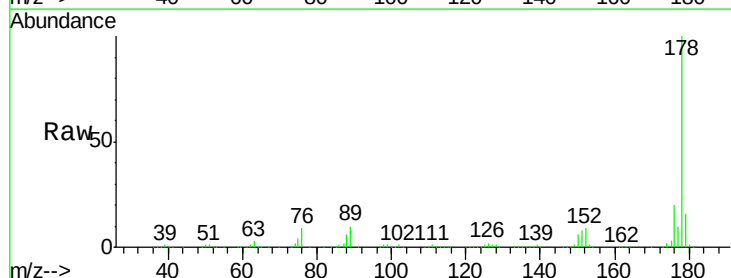
Tgt Ion:178 Resp: 1572286

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

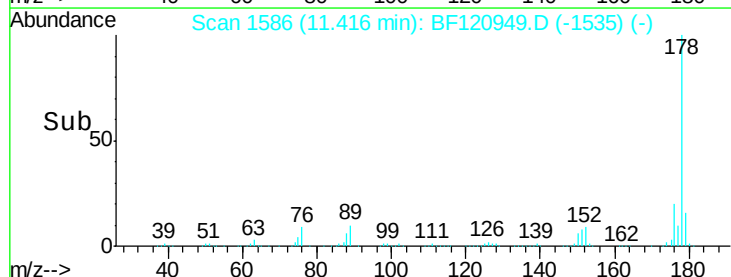
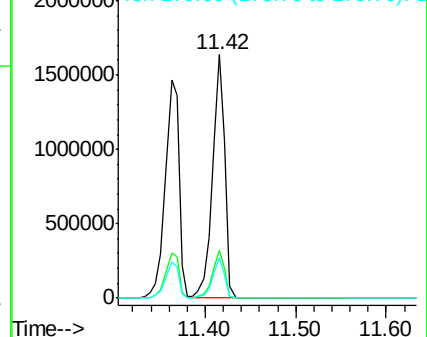
179 16.4 12.8 19.2

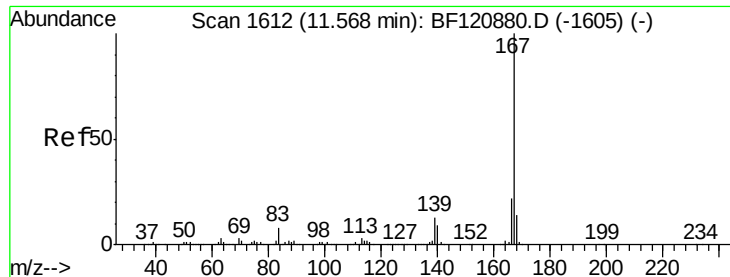


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





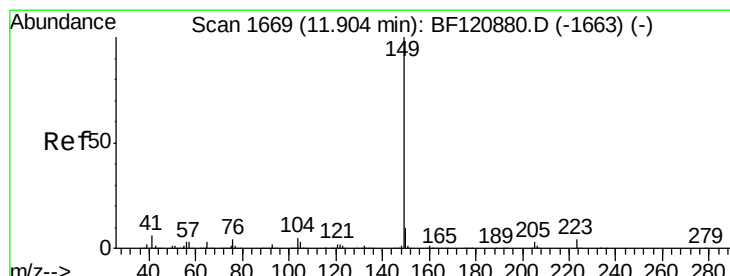
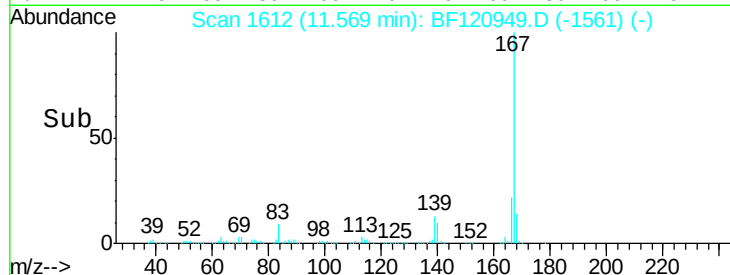
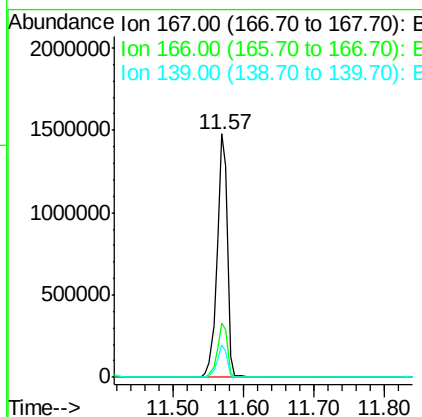
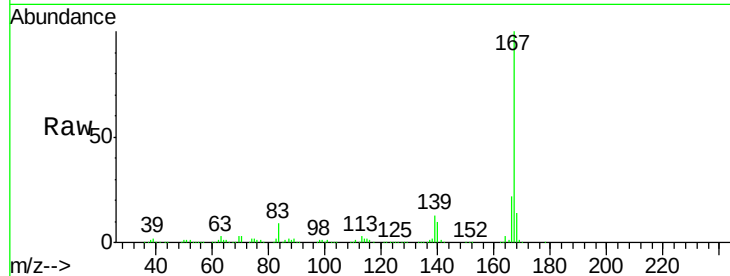
#73
 Carbazole
 Concen: 40.720 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.1	17.7	26.5	
139	13.2	10.1	15.1	

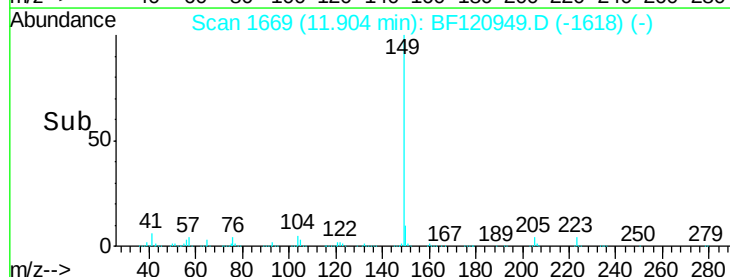
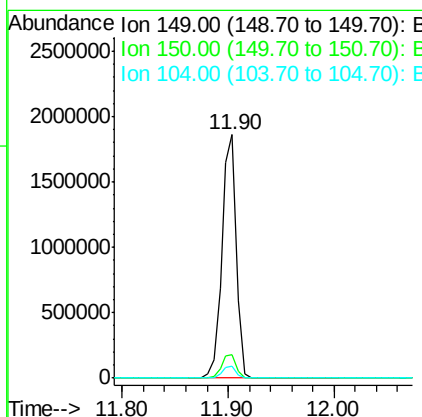
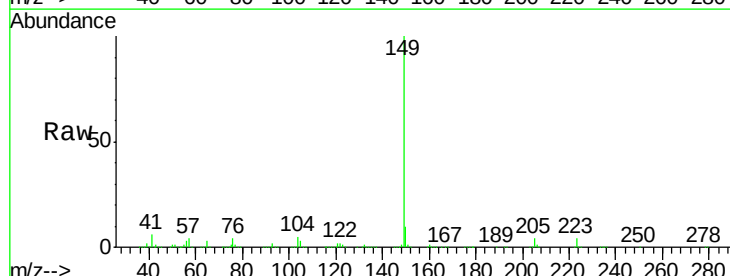
Manual Integrations
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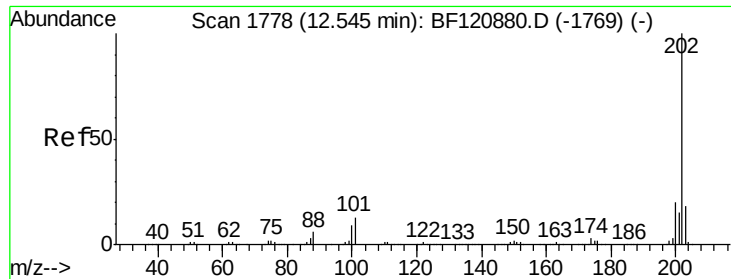
Sohil
 7/24/2020 12:09:40 PM



#74
 Di-n-butylphthalate
 Concen: 41.902 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.6	7.8	11.6	
104	4.8	3.8	5.6	





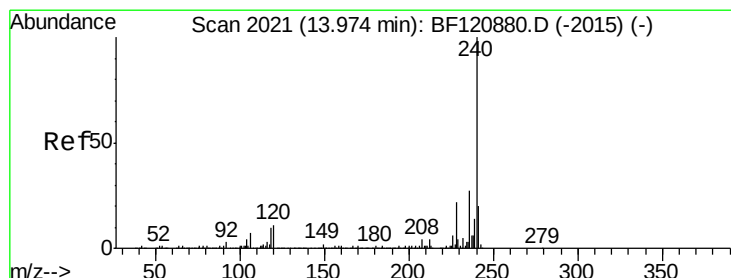
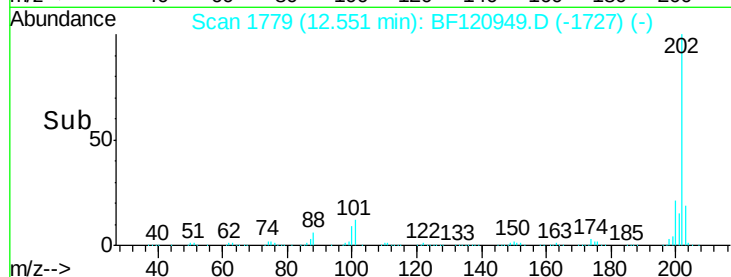
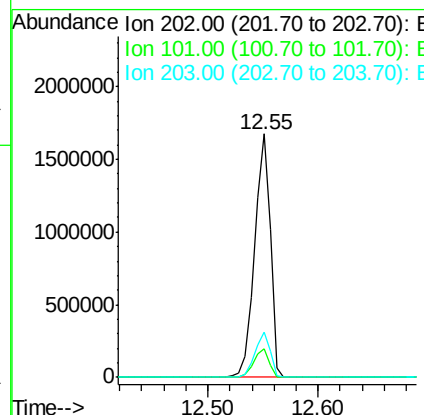
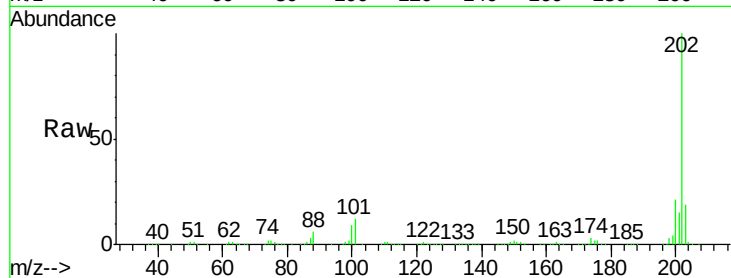
#75
Fluoranthene
Concen: 41.057 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1671315		
101	12.0		0.0	32.7
203	18.7		0.0	38.0

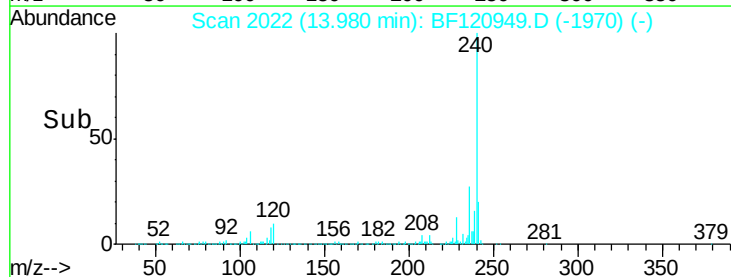
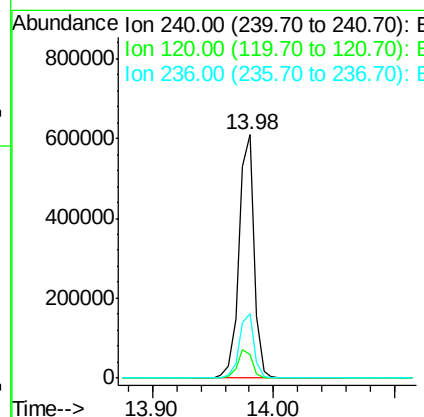
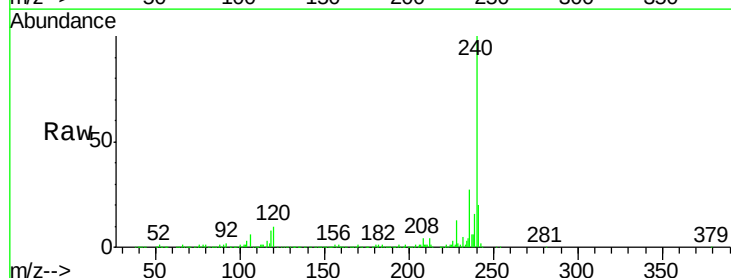
Manual Integrations
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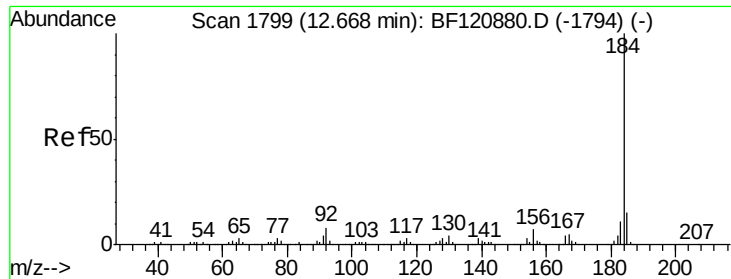
Sohil
7/24/2020 12:09:40 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	531445		
120	9.7		9.0	13.4
236	26.6		21.7	32.5





#77

Benzidine

Concen: 58.435 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

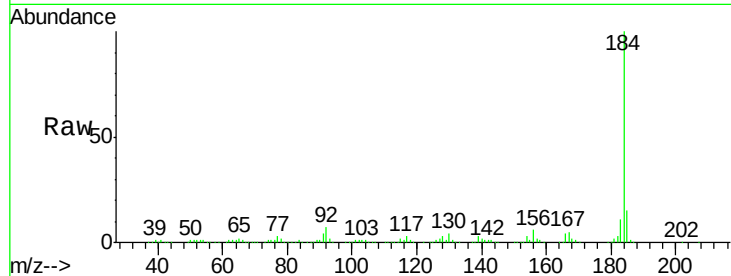
ClientSampleId :

PB130301BS

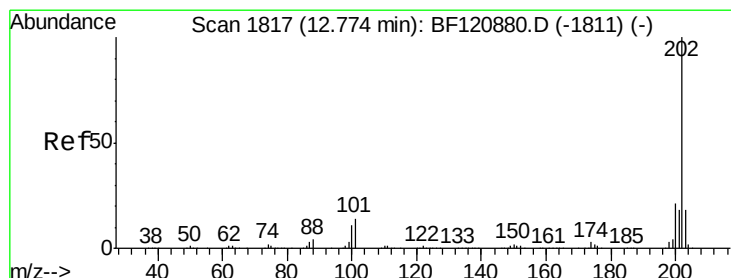
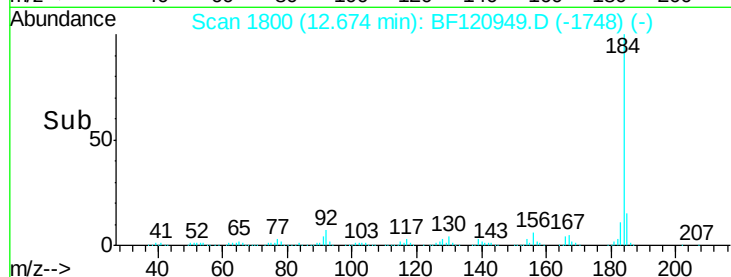
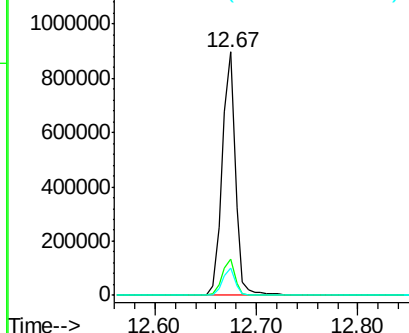
Tot Ion:	184	Resp:	816485
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	11.0	8.5	12.7

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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: 44.275 ng

RT: 12.78 min Scan# 1818

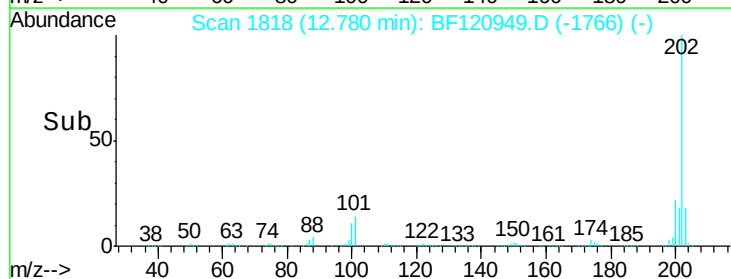
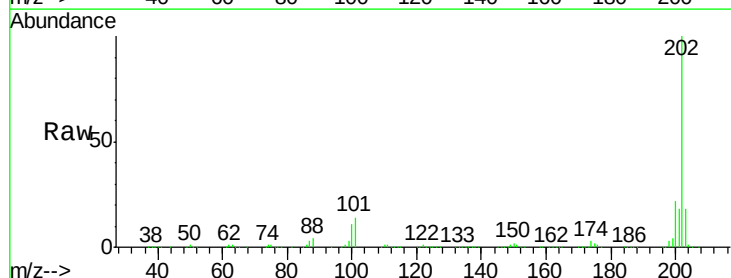
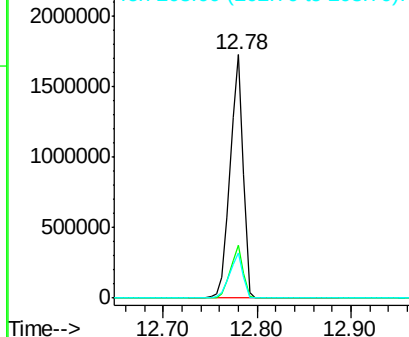
Delta R.T. 0.01 min

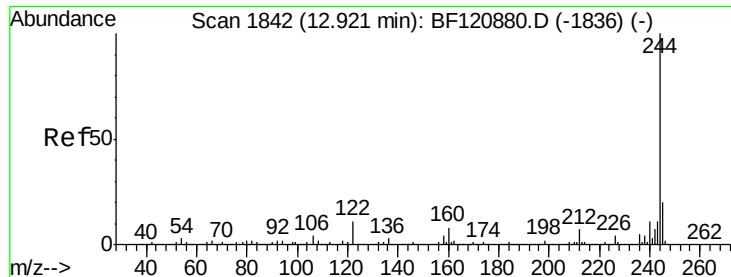
Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:	202	Resp:	1663558
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.0	25.4
203	18.3	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





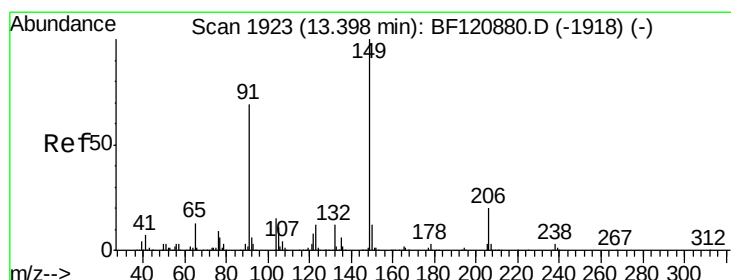
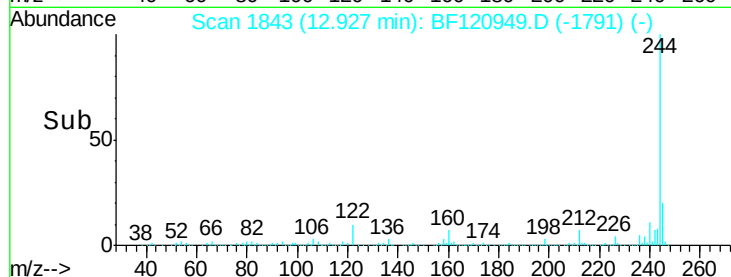
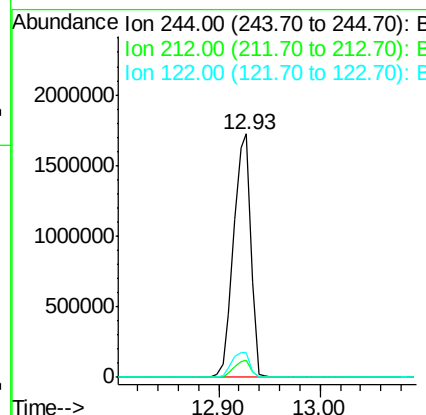
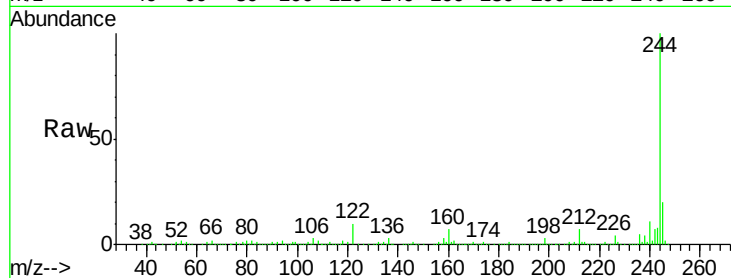
#79
Terphenyl-d14
Concen: 83.148 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:244 Resp: 2032785
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 10.1 8.9 13.3

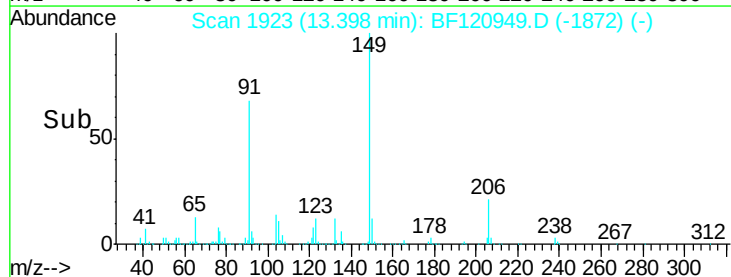
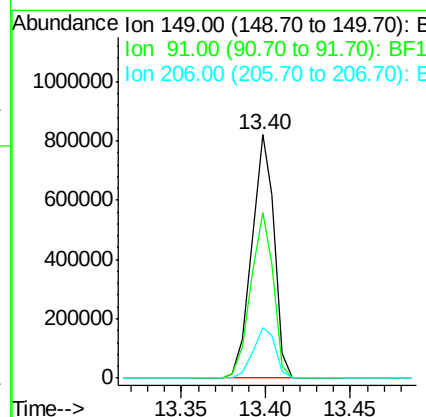
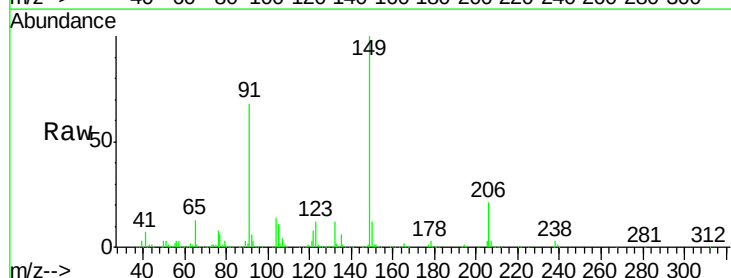
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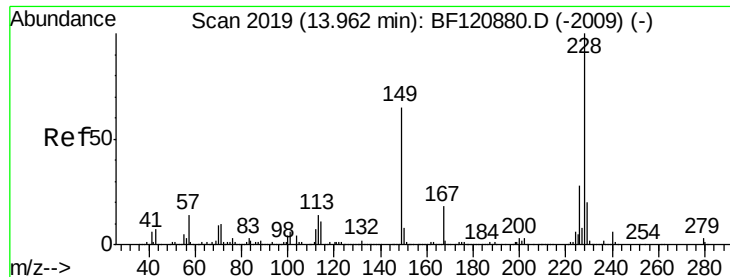
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#80
Butylbenzylphthalate
Concen: 45.406 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:149 Resp: 760533
Ion Ratio Lower Upper
149 100
91 68.0 55.1 82.7
206 20.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 41.188 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

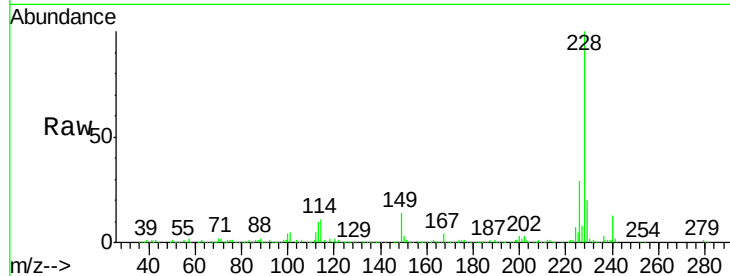
ClientSampleId :

PB130301BS

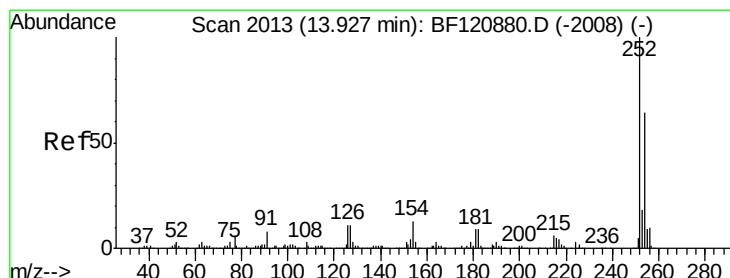
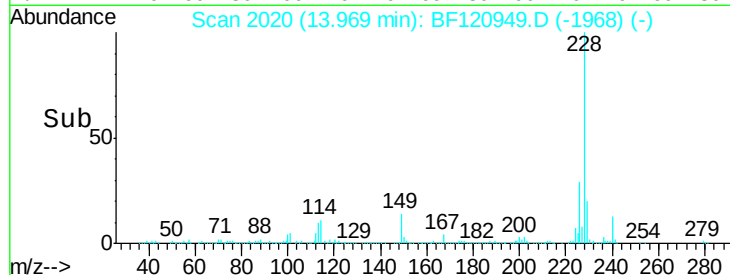
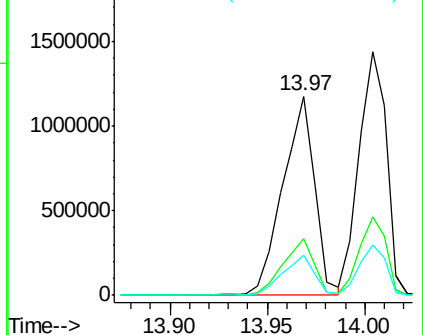
Tot Ion:	228	Resp:	1325498
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	20.2	16.1	24.1

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



#82

3,3'-Dichlorobenzidine

Concen: 42.329 ng

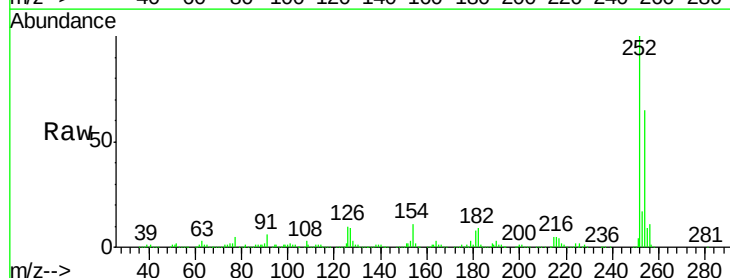
RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

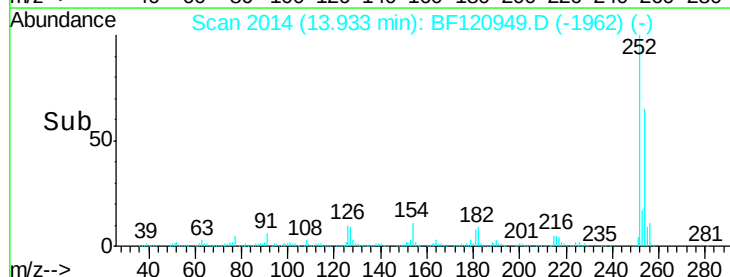
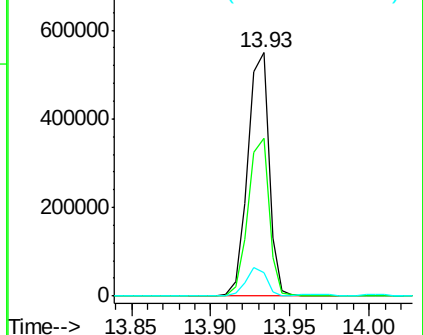
Lab File: BF120949.D

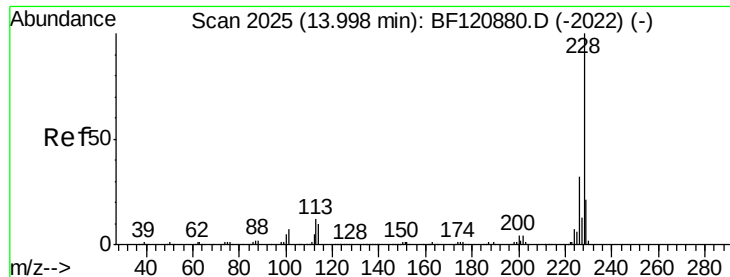
Acq: 21 Jul 2020 10:34

Tgt Ion:	252	Resp:	513930
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.2	76.8
126	9.6	8.7	13.1



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





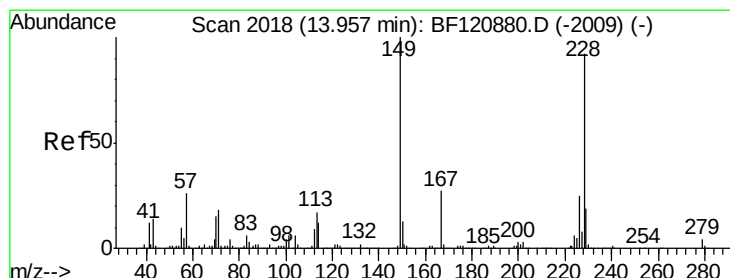
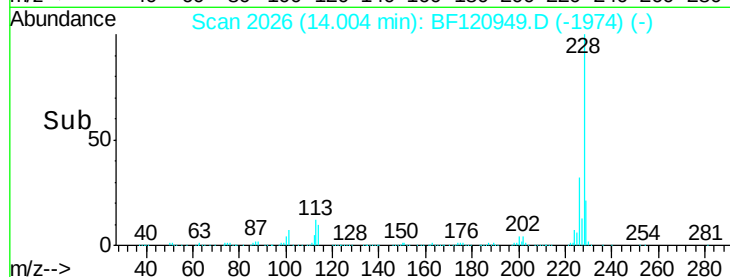
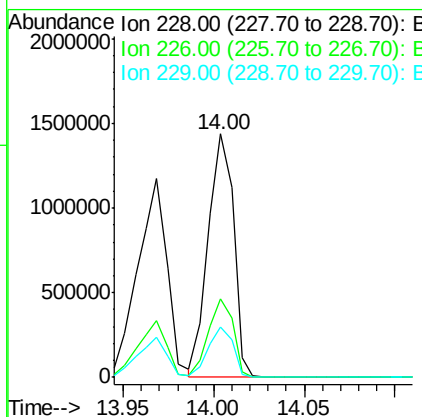
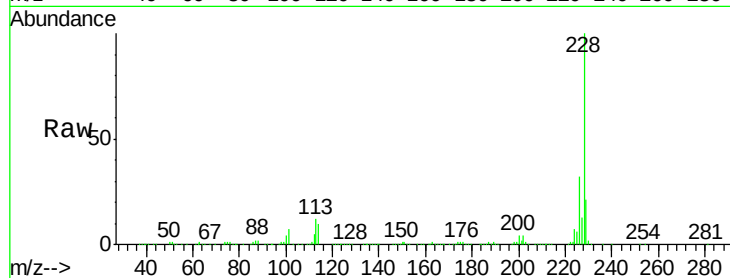
#83
 Chrvsene
 Concen: 41.555 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

Tot Ion:228 Resp: 1405383
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.6 38.4
 229 20.7 16.8 25.2

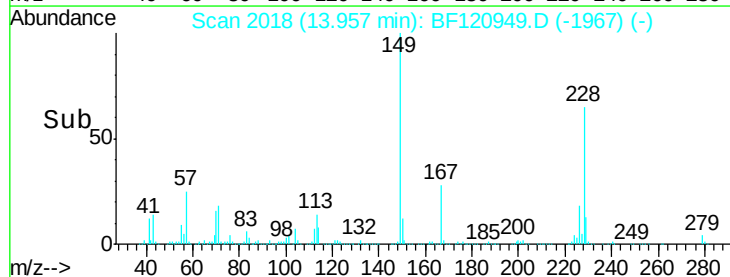
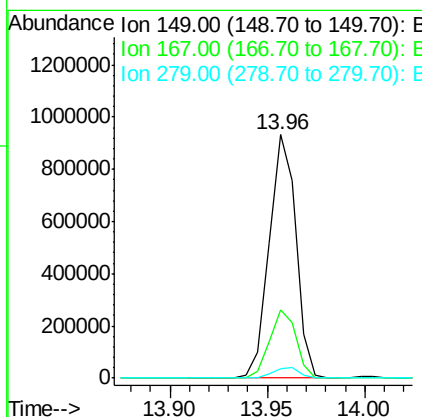
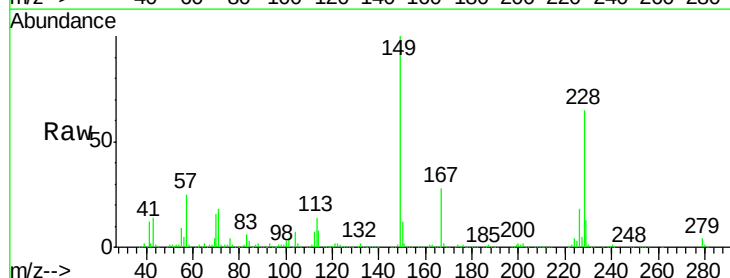
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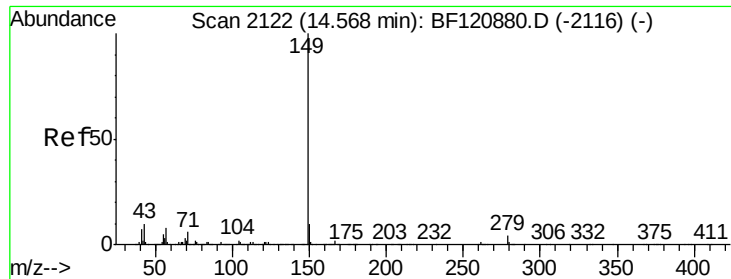
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.814 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion:149 Resp: 884286
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.9 32.9
 279 3.9 3.0 4.4





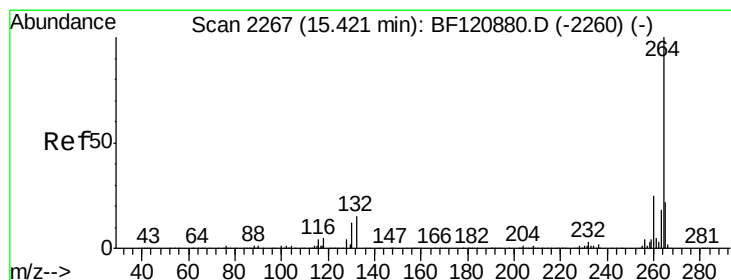
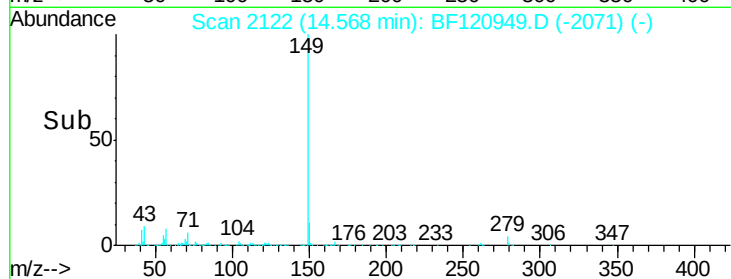
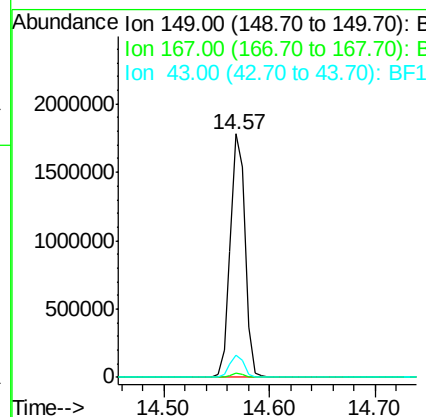
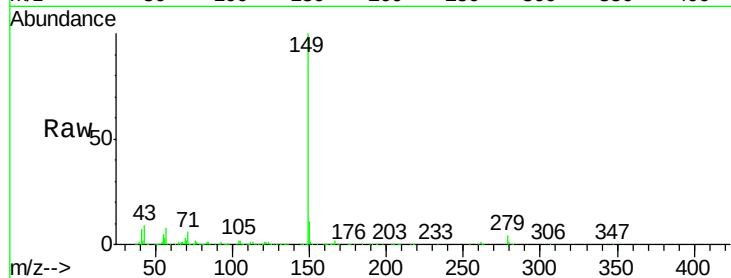
#85
Di-n-octyl phthalate
Concen: 42.069 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.6	11.4

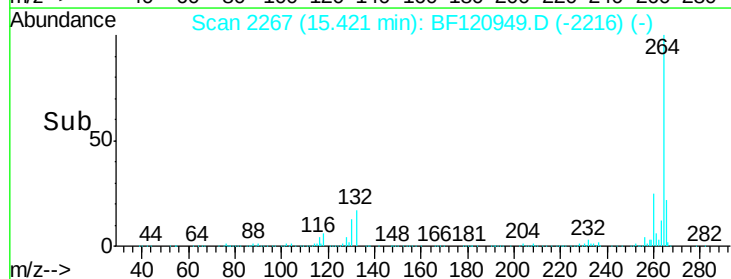
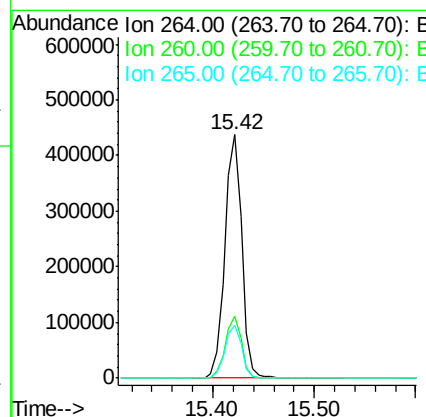
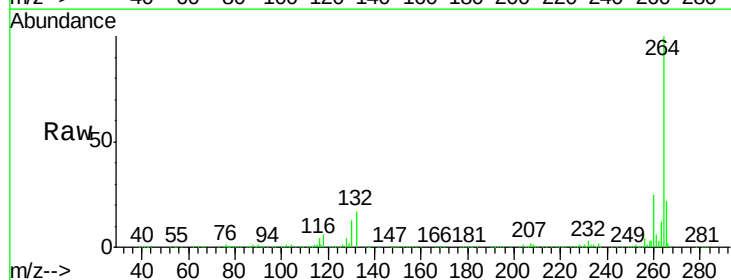
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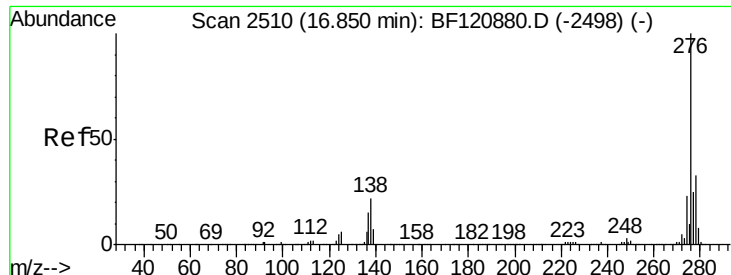
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	21.9	17.4	26.2





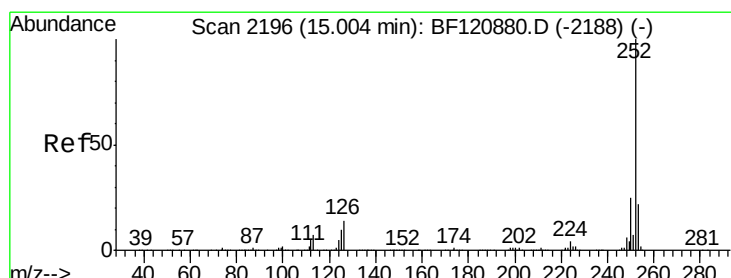
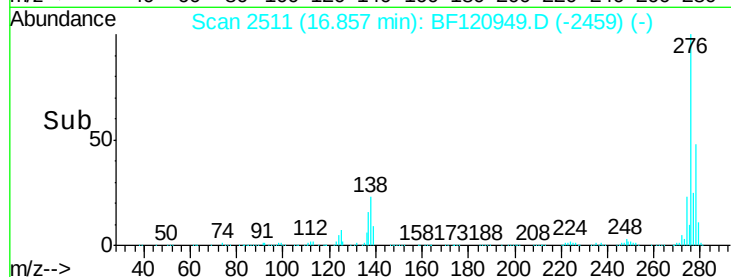
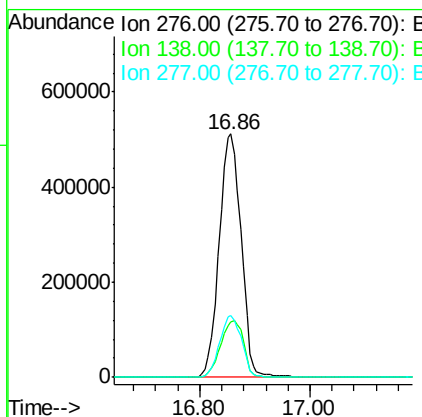
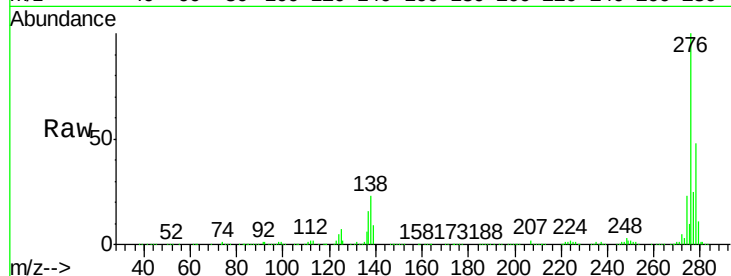
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.685 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.8
277	25.6	20.2	30.2

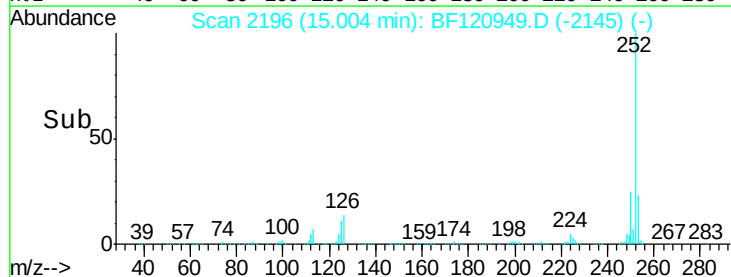
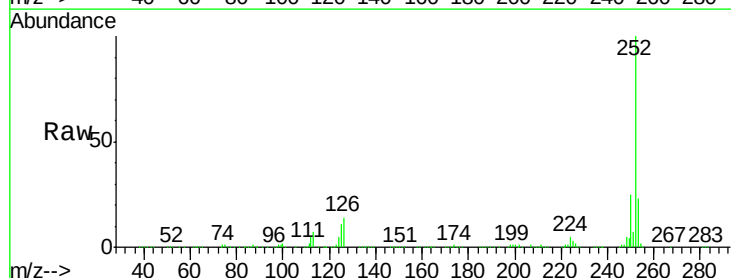
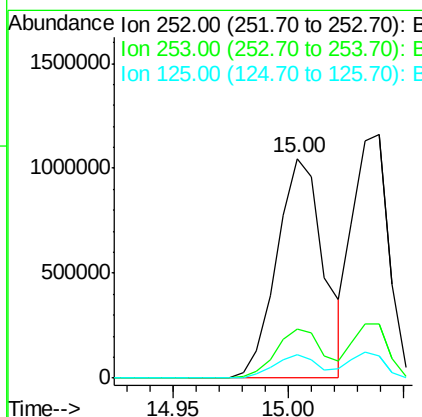
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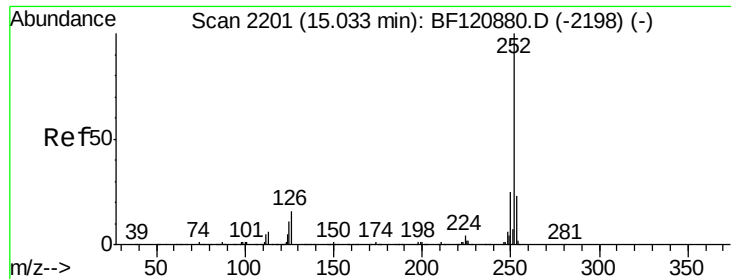
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#88
 Benzo(b)fluoranthene
 Concen: 48.355 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.7	8.3	12.5





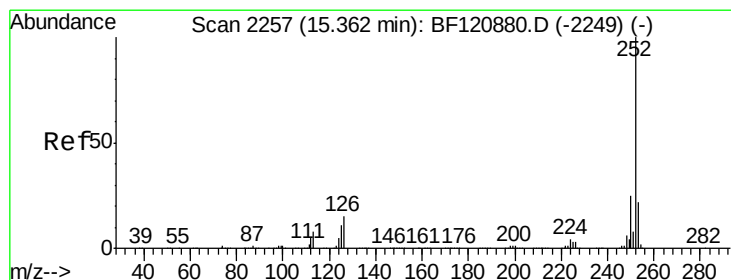
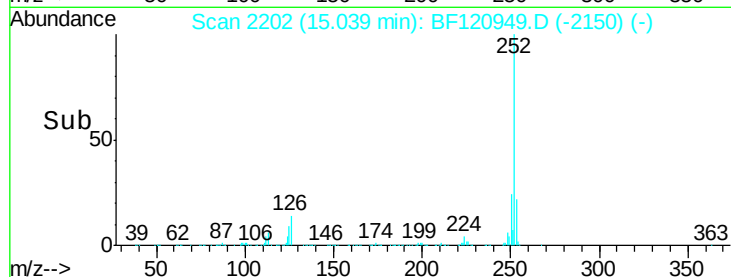
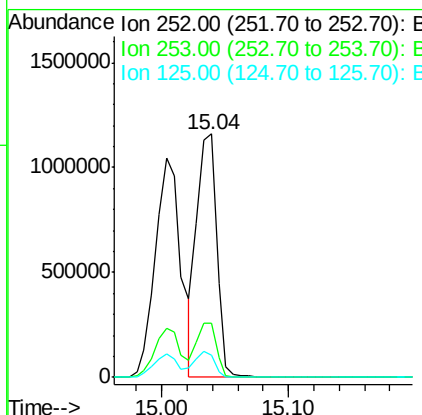
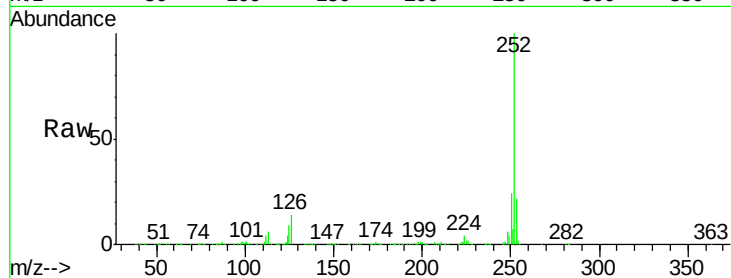
#89
Benzo(k)fluoranthene
Concen: 45.047 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.4	8.4	12.6

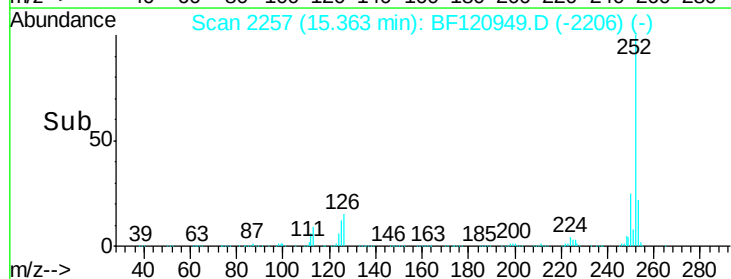
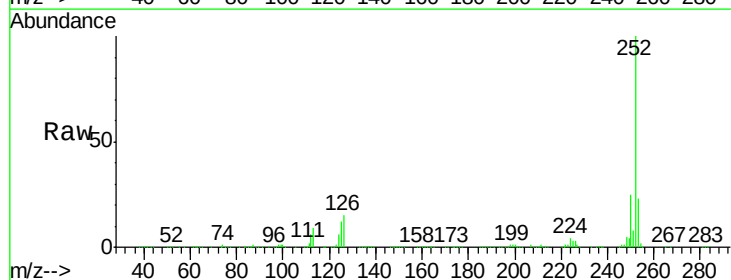
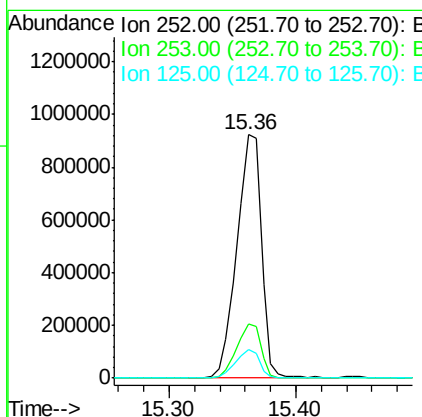
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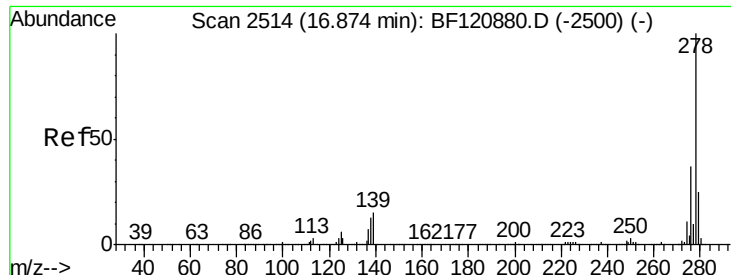
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#90
Benzo(a)pyrene
Concen: 44.331 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.9	8.9	13.3





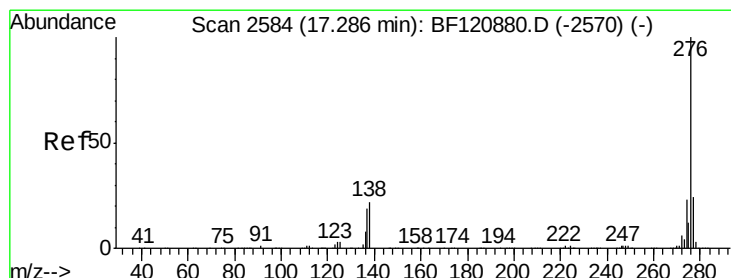
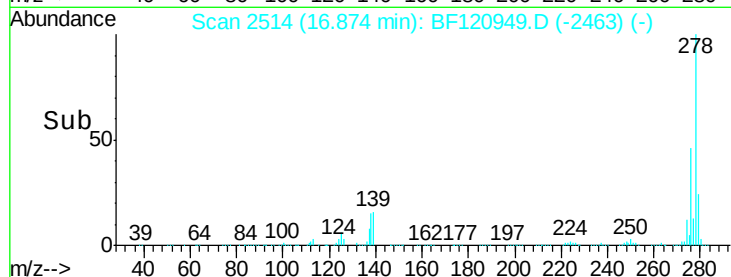
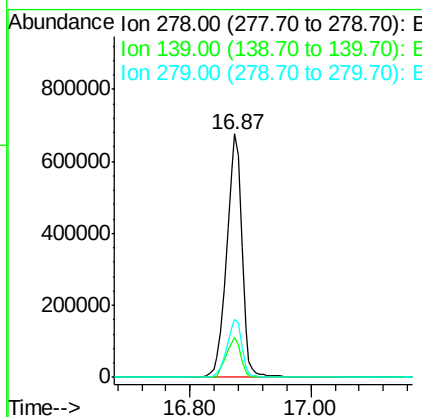
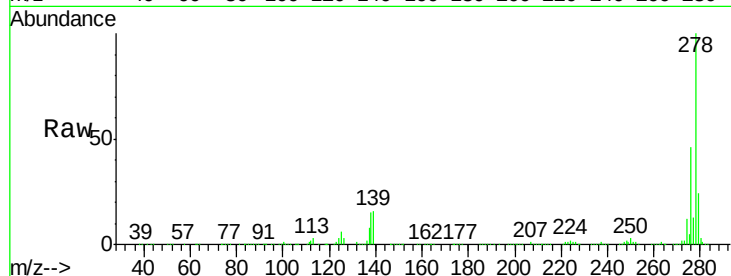
#91
Dibenzo(a,h)anthracene
Concen: 41.589 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.3	18.5
279	24.1	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 40.837 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.3	17.5	26.3

