

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120990.D
 Acq On : 23 Jul 2020 19:54
 Operator : JU/CG
 Sample : PB130431BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BS

Manual Integrations
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Sohil
 7/24/2020 12:12:16 PM

Quant Time: Jul 24 05:25:26 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	6.81	152	155537	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	607697	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	316319	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	612934	20.00	ng	0.00
76) Chrysene-d12	13.97	240	472022	20.00	ng	0.00
86) Perylene-d12	15.42	264	473845	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1037468	109.35	ng	0.01
7) Phenol-d6	6.45	99	1288631	105.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	811663	77.28	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	402800	116.33	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1501852	70.89	ng	0.00
79) Terphenyl-d14	12.92	244	1608143	74.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	152883	35.012	ng	100
3) Pyridine	3.33	79	362649	31.220	ng	99
4) n-Nitrosodimethylamine	3.27	42	192389	38.733	ng	96
6) Aniline	6.47	93	541183	33.829	ng	99
8) 2-Chlorophenol	6.60	128	437317	41.841	ng	98
9) Benzaldehyde	6.36	77	308173	58.659	ng	98
10) Phenol	6.46	94	525916	39.010	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	409584	39.642	ng	98
12) 1,3-Dichlorobenzene	6.75	146	440482	38.865	ng	99
13) 1,4-Dichlorobenzene	6.83	146	445423	39.524	ng	99
14) 1,2-Dichlorobenzene	6.98	146	430673	40.395	ng	98
15) Benzyl Alcohol	6.96	79	344426	39.740	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	573746	38.526	ng	99
17) 2-Methylphenol	7.07	107	343442	37.073	ng	99
18) Hexachloroethane	7.33	117	163908	40.184	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	271880	39.013	ng	98
20) 3+4-Methylphenols	7.22	107	391937	33.259	ng	# 88
22) Acetophenone	7.22	105	539755	39.576	ng	# 93
24) Nitrobenzene	7.39	77	432996	38.252	ng	98
25) Isophorone	7.63	82	806223	38.464	ng	97
26) 2-Nitrophenol	7.71	139	225822	42.006	ng	97
27) 2,4-Dimethylphenol	7.75	122	380441	43.586	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	516899	40.400	ng	98
29) 2,4-Dichlorophenol	7.95	162	359282	40.282	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	387827	39.192	ng	98
31) Naphthalene	8.12	128	1209805	38.811	ng	100
32) Benzoic acid	7.87	122	257802	39.346	ng	98
33) 4-Chloroaniline	8.17	127	373793	26.881	ng	97
34) Hexachlorobutadiene	8.24	225	221569	37.982	ng	99
35) Caprolactam	8.54	113	115239	40.290	ng	93
36) 4-Chloro-3-methylphenol	8.65	107	375621	41.063	ng	99
37) 2-Methylnaphthalene	8.81	142	822057	40.615	ng	99
38) 1-Methylnaphthalene	8.91	142	772293	40.288	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	365835	39.695	ng	99

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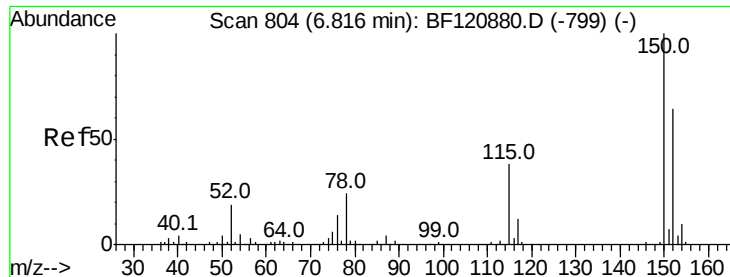
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	412529	80.990	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	266621	41.088	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	281298	38.216	ng	99
46) 1,1'-Biphenyl	9.27	154	991615	41.097	ng	99
47) 2-Chloronaphthalene	9.30	162	763365	38.804	ng	98
48) 2-Nitroaniline	9.39	65	238295	40.083	ng	98
49) Acenaphthylene	9.72	152	1229879	40.243	ng	100
50) Dimethylphthalate	9.57	163	918727	40.259	ng	98
51) 2,6-Dinitrotoluene	9.63	165	206614	42.142	ng	96
52) Acenaphthene	9.89	154	789873m	40.652	ng	
53) 3-Nitroaniline	9.80	138	168811	27.454	ng	99
54) 2,4-Dinitrophenol	9.91	184	161085	59.039	ng	88
55) Dibenzofuran	10.06	168	1097079	39.045	ng	99
56) 4-Nitrophenol	9.97	139	358347	76.719	ng	99
57) 2,4-Dinitrotoluene	10.04	165	276238	42.905	ng	98
58) Fluorene	10.40	166	798268	38.093	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	242899	43.342	ng	97
60) Diethylphthalate	10.27	149	927868	40.198	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	395473	35.382	ng	96
62) 4-Nitroaniline	10.42	138	228128	38.087	ng	98
63) Azobenzene	10.55	77	875822	39.856	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	118250	34.508	ng	98
66) n-Nitrosodiphenylamine	10.51	169	782715	40.594	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	266605	39.013	ng	95
68) Hexachlorobenzene	10.95	284	304028	41.128	ng	93
69) Atrazine	11.04	200	227413	47.623	ng	98
70) Pentachlorophenol	11.14	266	349194	82.455	ng	100
71) Phenanthrene	11.36	178	1242789	39.424	ng	100
72) Anthracene	11.41	178	1291593	40.803	ng	99
73) Carbazole	11.56	167	1214673	38.667	ng	100
74) Di-n-butylphthalate	11.90	149	1495929	41.265	ng	100
75) Fluoranthene	12.55	202	1373799	39.317	ng	99
77) Benzidine	12.67	184	778010	62.691	ng	99
78) Pyrene	12.77	202	1399036	41.922	ng	100
80) Butylbenzylphthalate	13.40	149	660527	44.400	ng	94
81) Benzo(a)anthracene	13.96	228	1123306	39.299	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	415782	38.557	ng	99
83) Chrysene	14.00	228	1197736	39.874	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	821198	44.764	ng	100
85) Di-n-octyl phthalate	14.56	149	1630888	44.685	ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1294485	39.281	ng	100
88) Benzo(b)fluoranthene	15.00	252	1166831	40.738	ng	99
89) Benzo(k)fluoranthene	15.03	252	1192293	45.644	ng	100
90) Benzo(a)pyrene	15.36	252	1087162	41.603	ng	100
91) Dibenzo(a,h)anthracene	16.86	278	1092086	40.570	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1056367	39.800	ng	98

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



#1

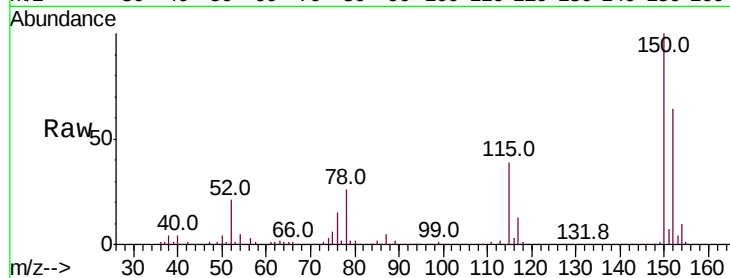
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.0	187.6
115	60.6	47.0	70.4

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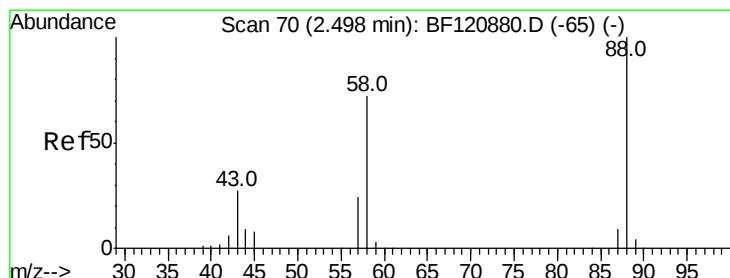
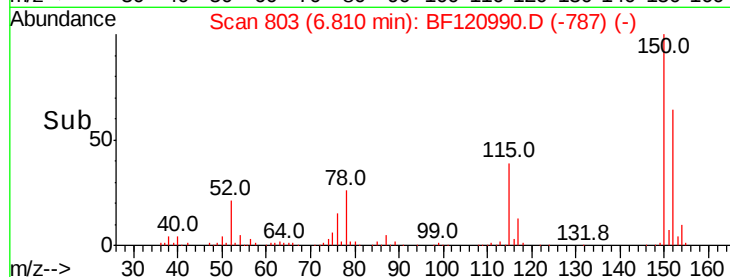
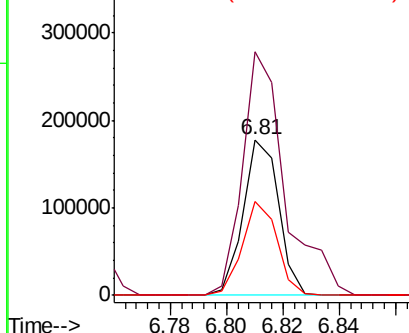


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

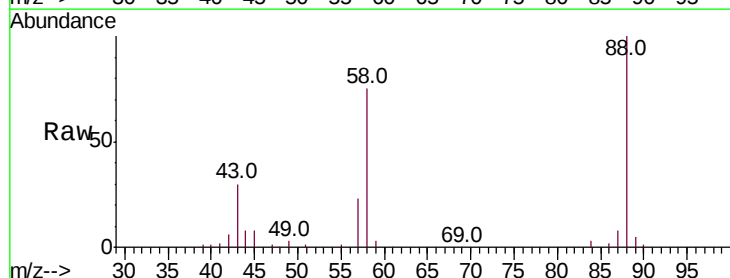
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.012 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.09 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	58.2	87.2
43	27.5	22.1	33.1

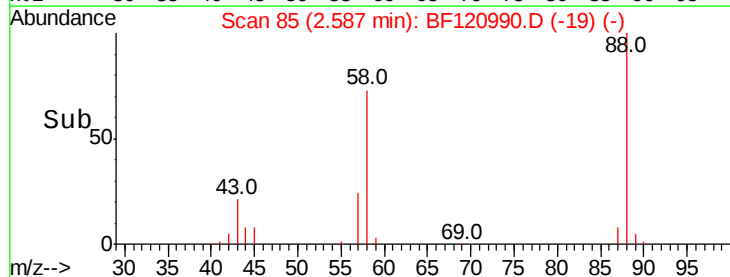
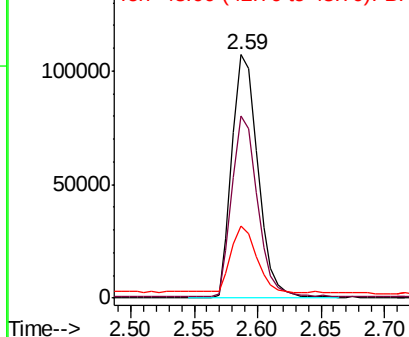


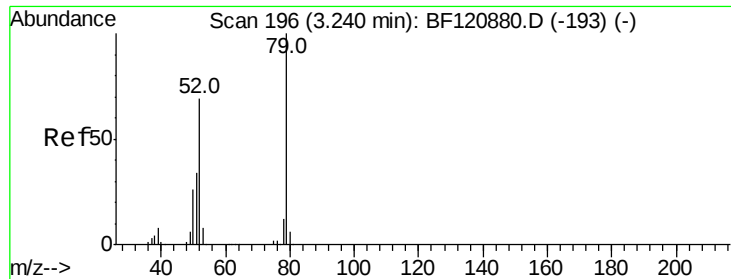
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





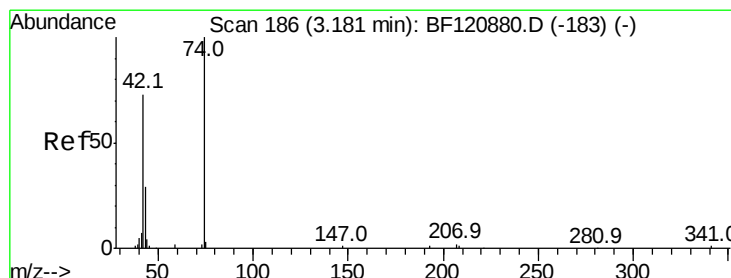
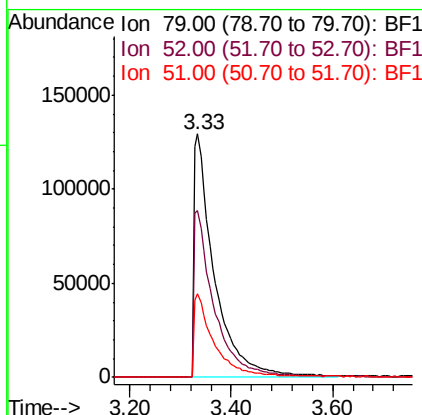
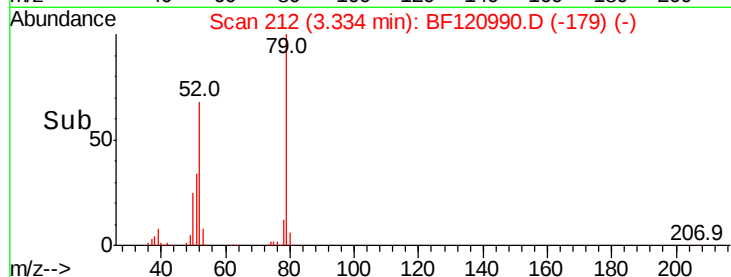
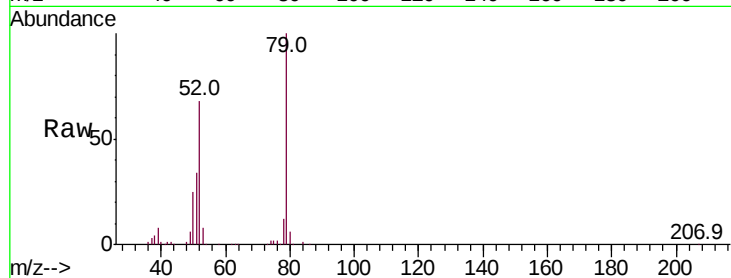
#3
 Pvrindine
 Concen: 31.220 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.09 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.5	55.0	82.6
51	34.2	26.9	40.3

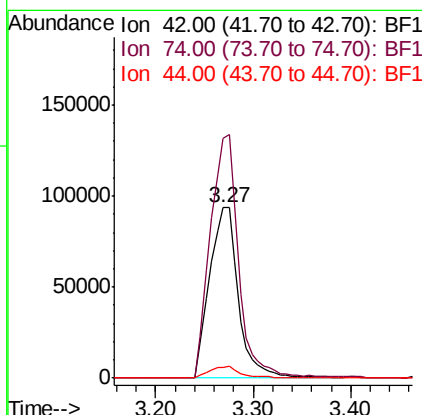
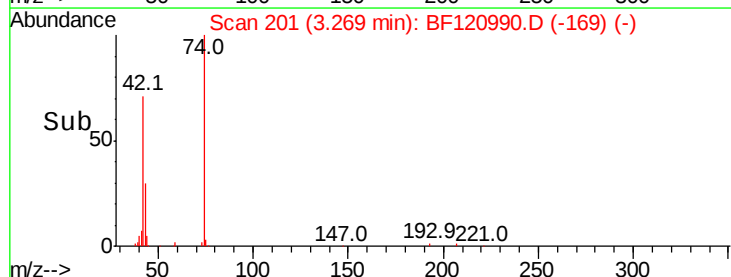
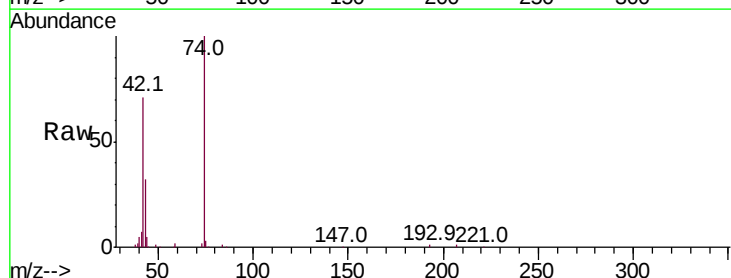
Manual Integrations
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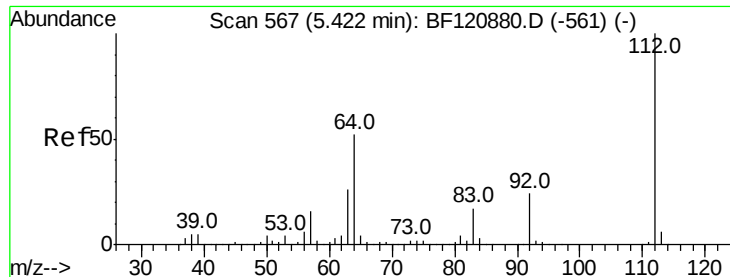
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#4
 n-Nitrosodimethylamine
 Concen: 38.733 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.09 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.4	108.7	163.1
44	6.5	5.2	7.8





#5

2-Fluorophenol

Concen: 109.349 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampled :

PB130431BS

Tot Ion: 112 Resp: 1037468

Ion Ratio Lower Upper

112 100

64 54.8 41.3 61.9

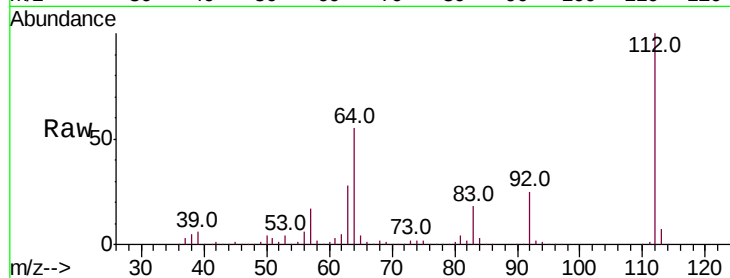
63 27.8 21.1 31.7

Manual Integrations

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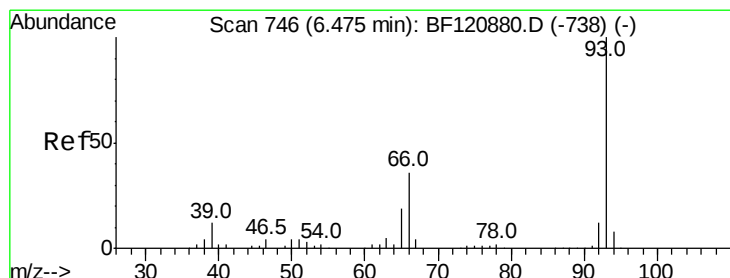
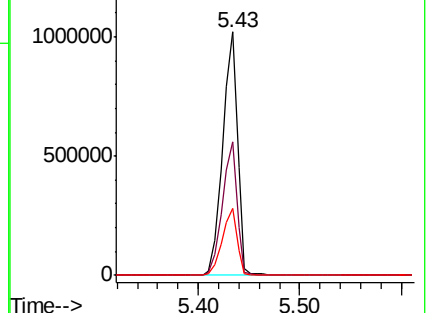
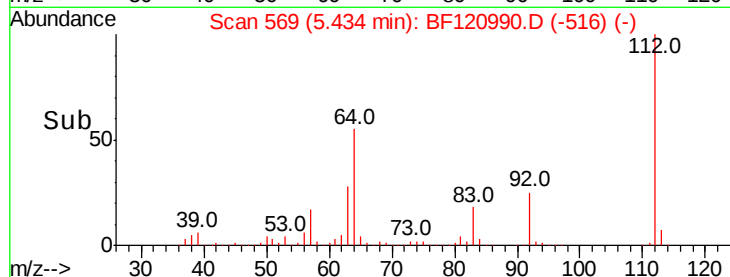
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.829 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

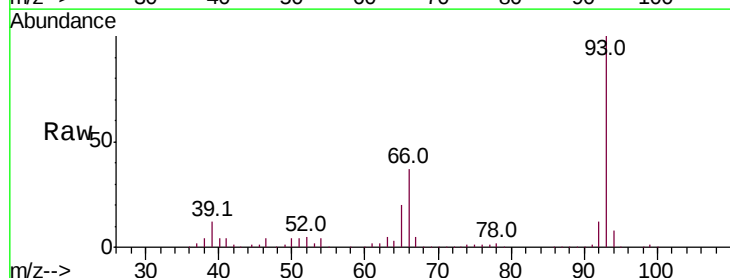
Tgt Ion: 93 Resp: 541183

Ion Ratio Lower Upper

93 100

66 37.1 30.2 45.4

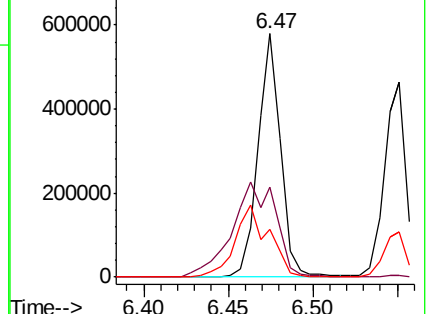
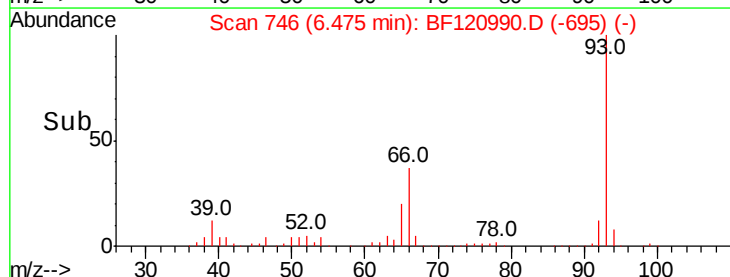
65 19.6 15.8 23.6

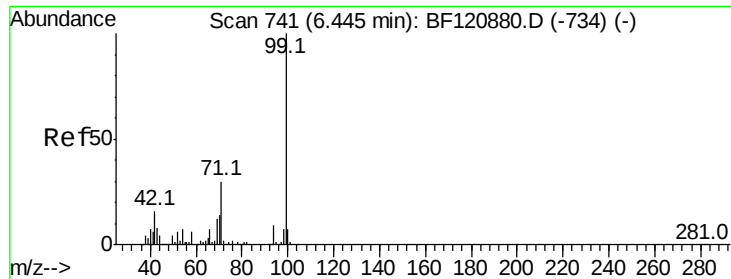


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.146 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

PB130431BS

Tot Ion: 99 Resp: 1288631

Ion Ratio Lower Upper

99 100

42 16.0 13.1 19.7

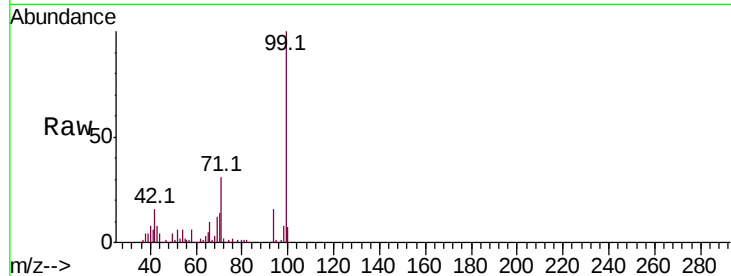
71 30.6 24.2 36.4

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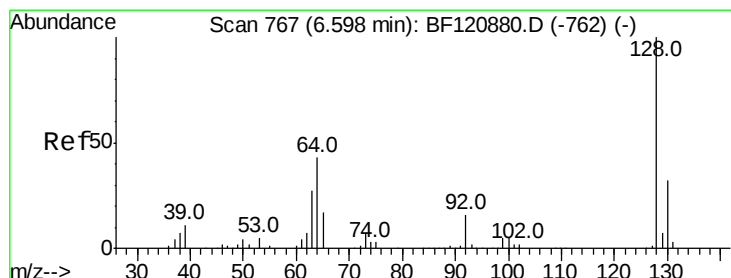
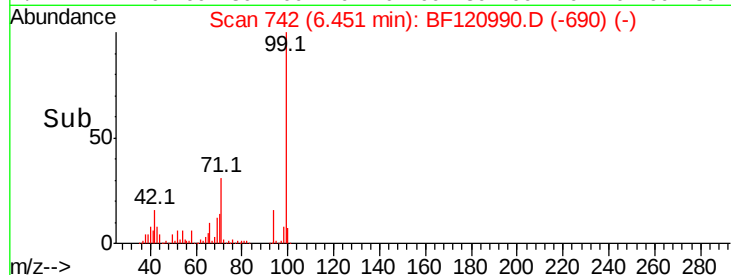
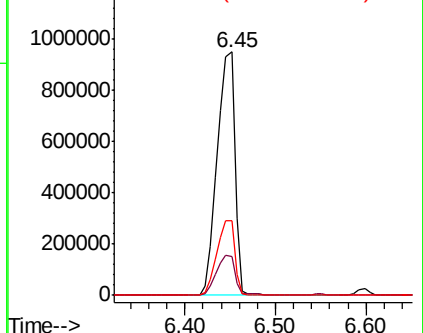
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.841 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

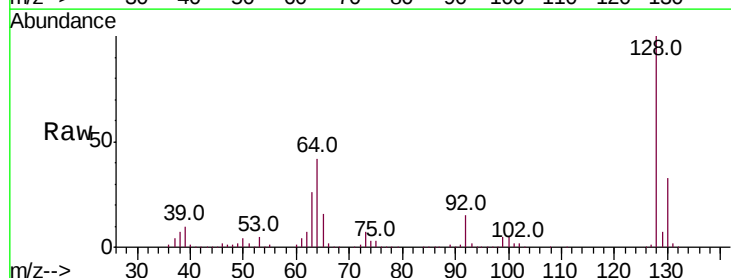
Tgt Ion: 128 Resp: 437317

Ion Ratio Lower Upper

128 100

130 33.0 12.1 52.1

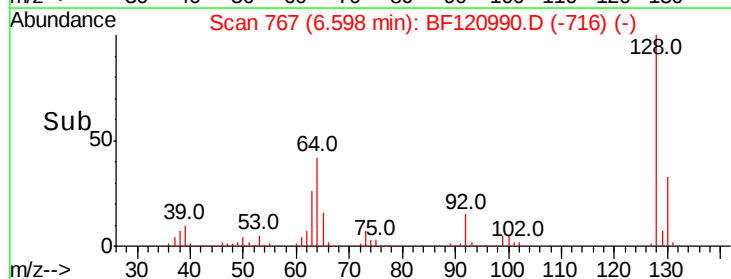
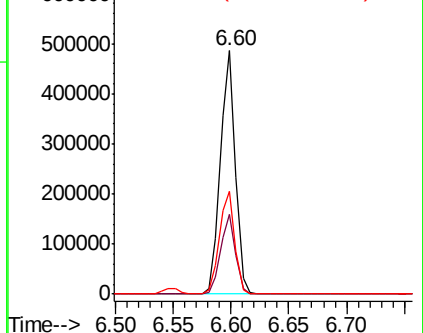
64 42.2 24.0 64.0

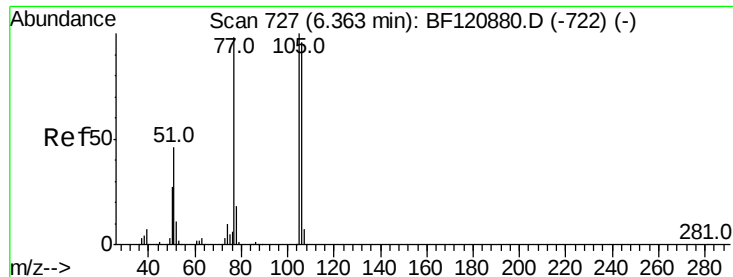


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 58.659 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

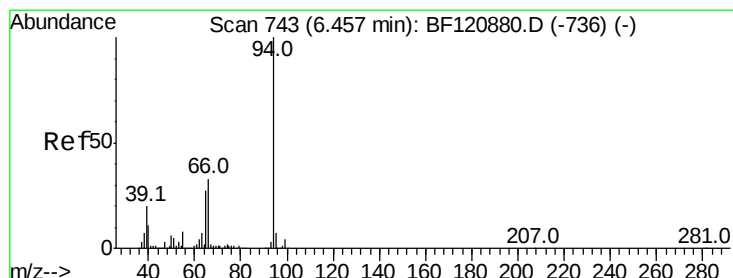
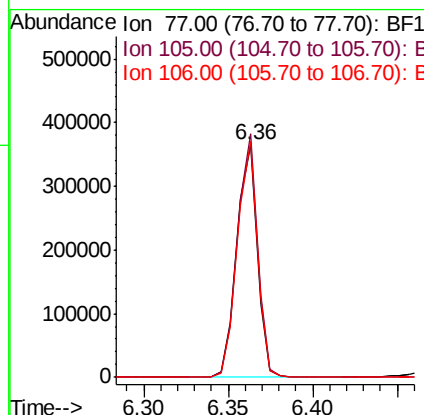
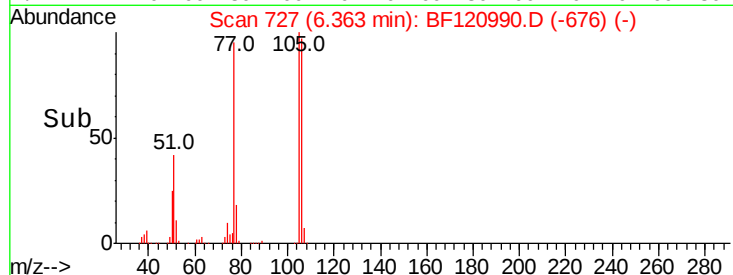
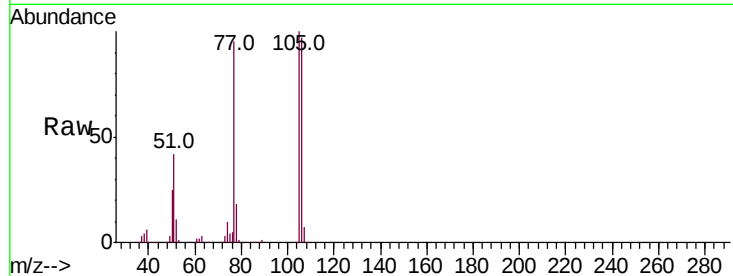
ClientSampleID :

PB130431BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.8	82.5	122.5
106	101.4	78.7	118.7

Manual Integrations
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#10

Phenol

Concen: 39.010 ng

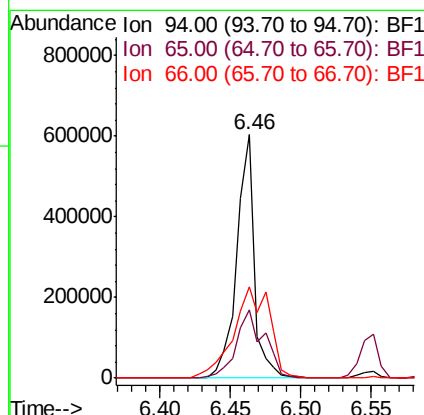
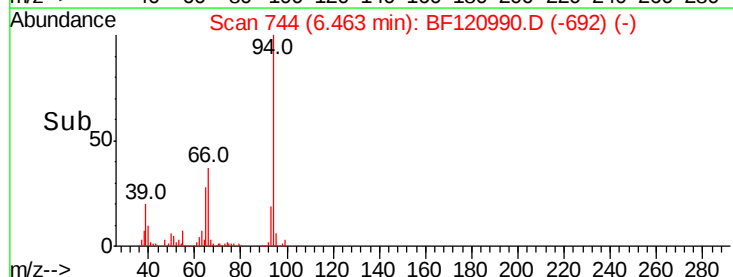
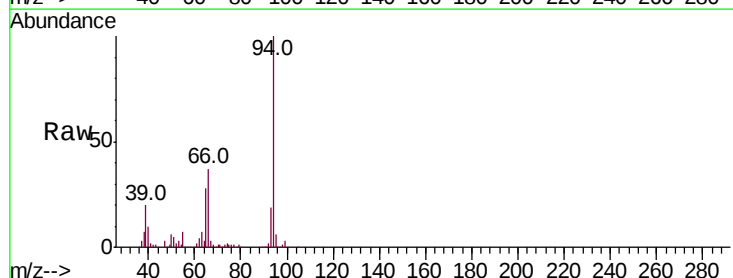
RT: 6.46 min Scan# 744

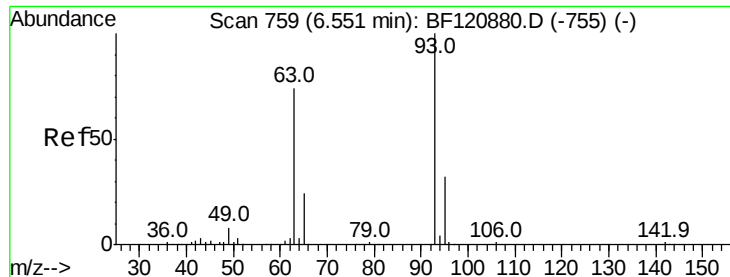
Delta R.T. 0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.2	6.6	46.6
66	37.4	13.2	53.2





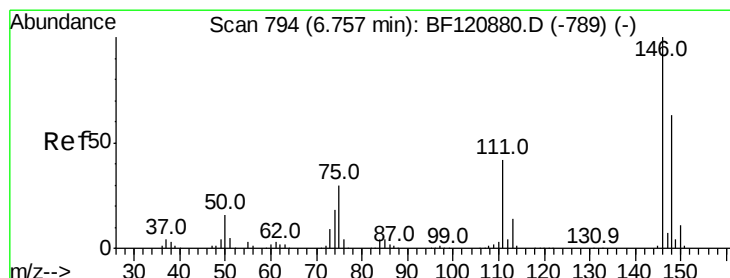
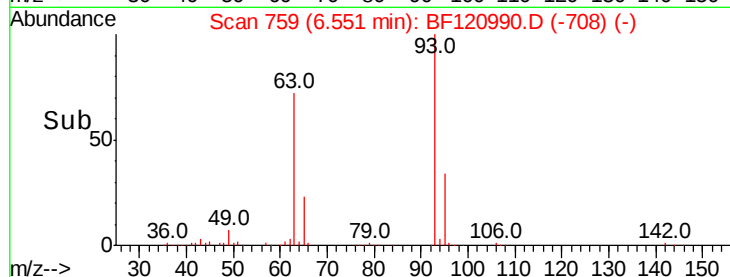
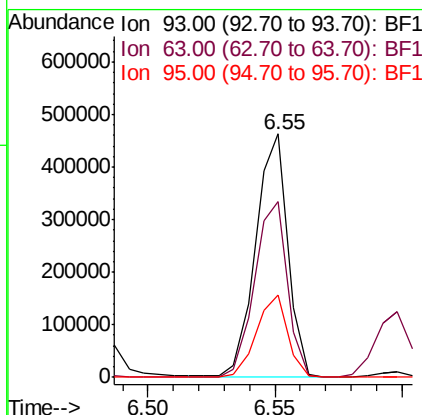
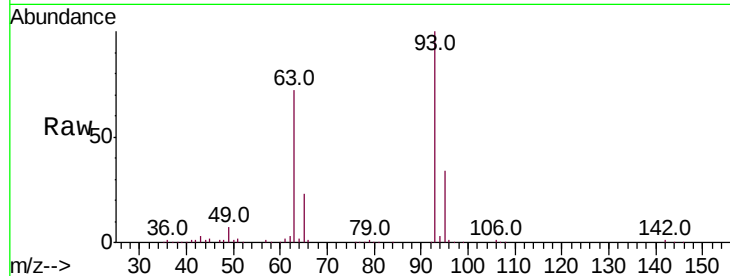
#11
bis(2-Chloroethyl)ether
Concen: 39.642 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.3	54.2	94.2	
95	33.7	12.2	52.2	

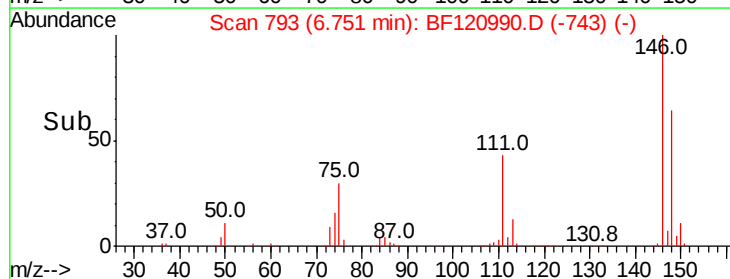
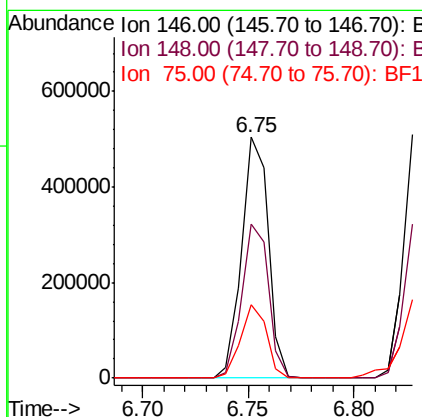
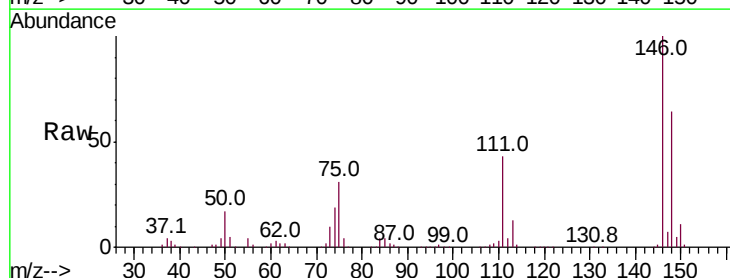
Manual Integrations
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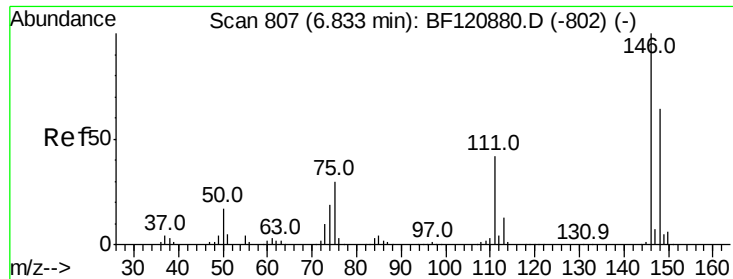
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#12
1,3-Dichlorobenzene
Concen: 38.865 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.8	50.6	75.8	
75	30.7	24.1	36.1	





#13

1,4-Dichlorobenzene

Concen: 39.524 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

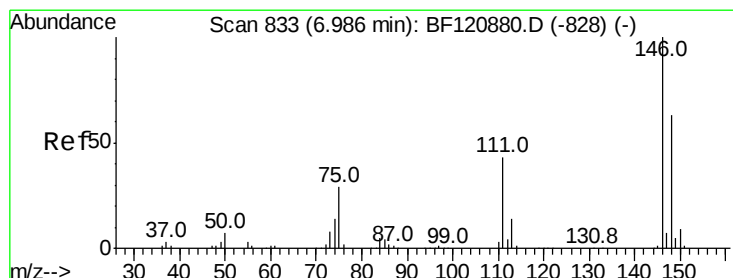
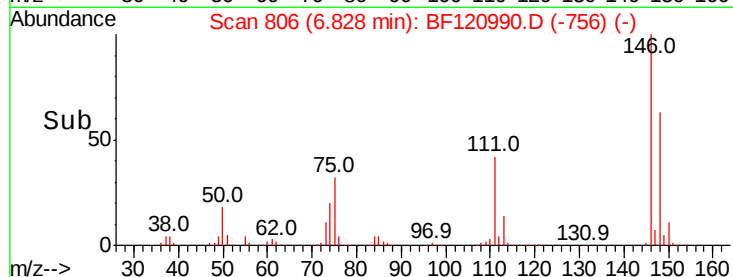
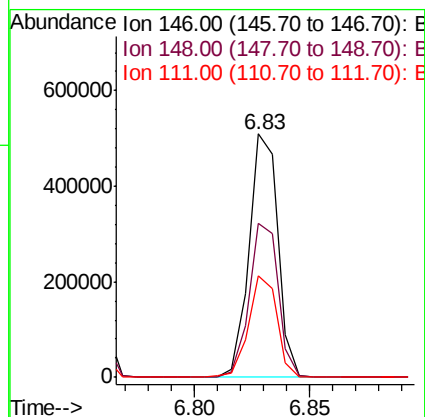
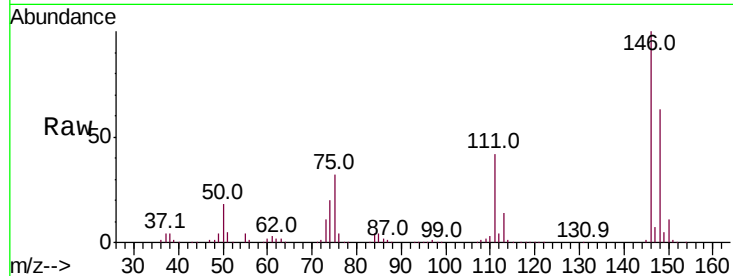
ClientSampleId :

PB130431BS

Tot Ion:	146	Resp:	445423
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.6	77.4
111	41.8	33.5	50.3

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#14

1,2-Dichlorobenzene

Concen: 40.395 ng

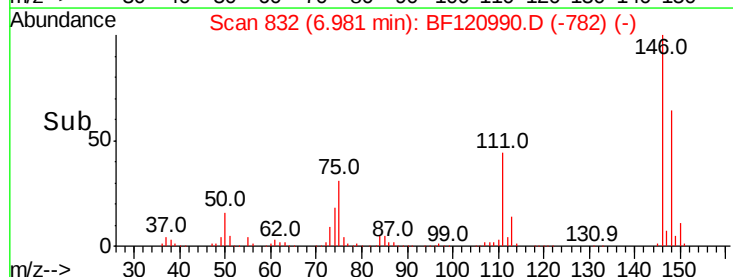
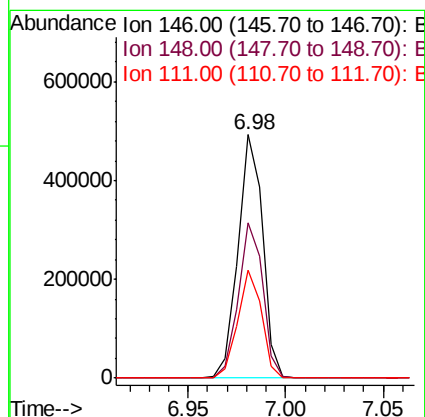
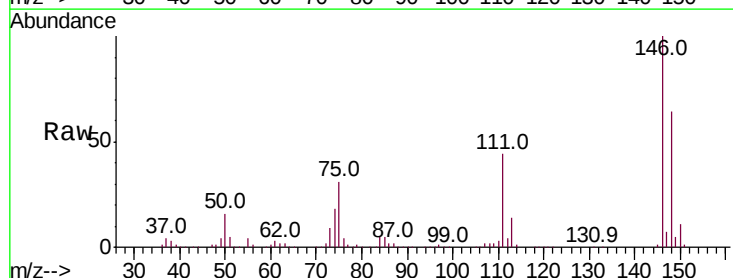
RT: 6.98 min Scan# 832

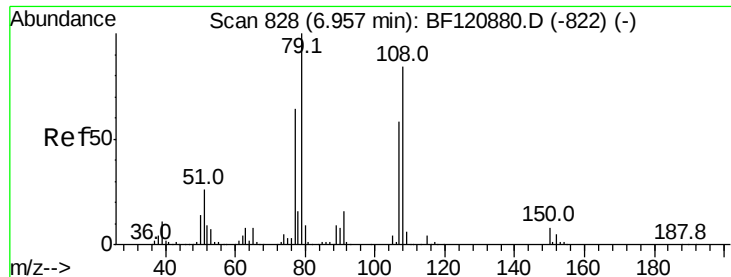
Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Tgt Ion:	146	Resp:	430673
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	76.0
111	44.4	34.2	51.2





#15

Benzyl Alcohol

Concen: 39.740 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

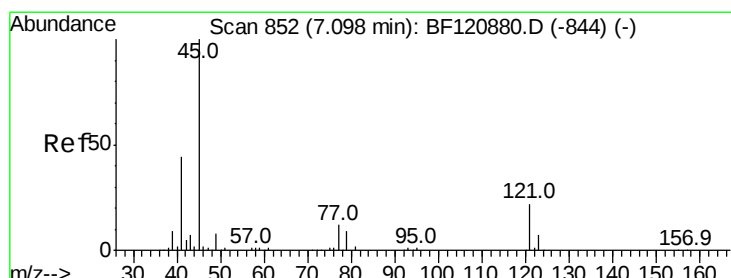
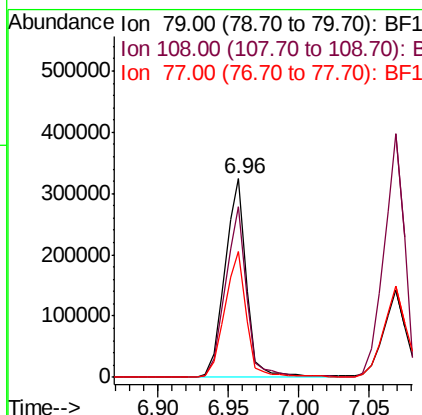
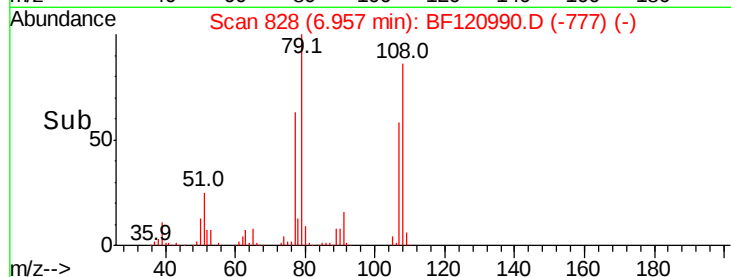
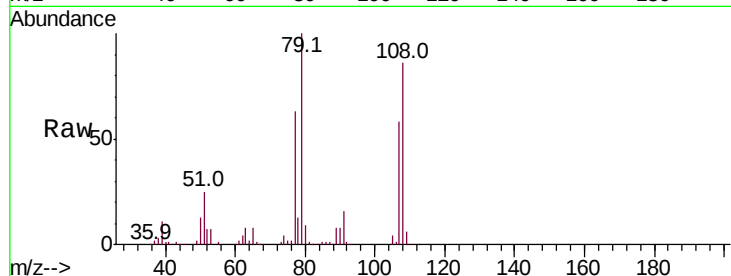
ClientSampled :

PB130431BS

Tot Ion:	79	Resp:	344426
Ion Ratio	Lower	Upper	
79	100		
108	86.2	67.0	100.6
77	63.3	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.526 ng

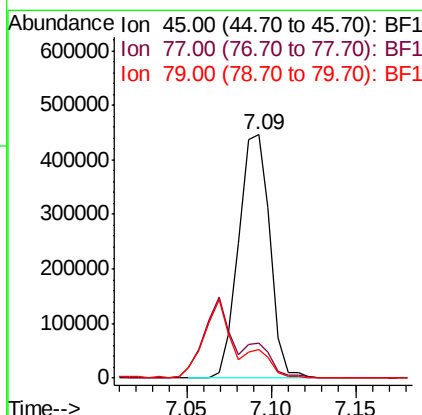
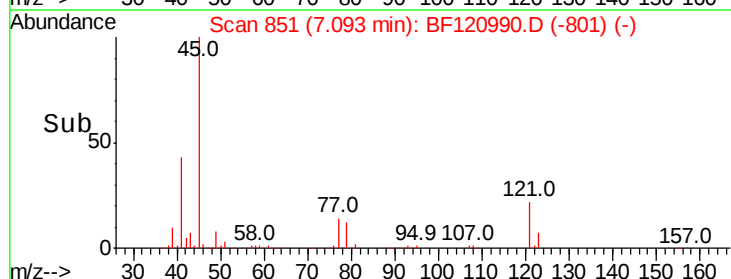
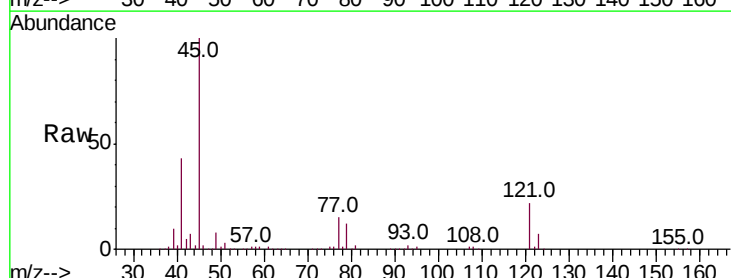
RT: 7.09 min Scan# 851

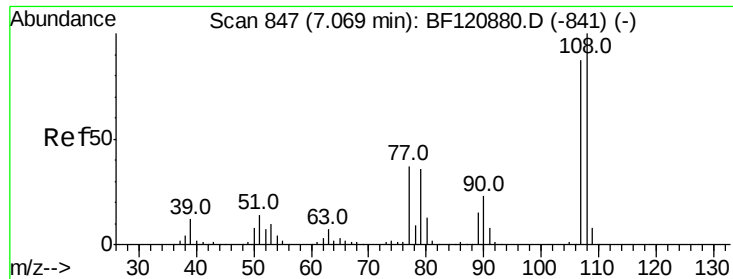
Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Tgt Ion:	45	Resp:	573746
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	34.3
79	11.8	0.0	31.0





#17

2-Methylphenol

Concen: 37.073 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

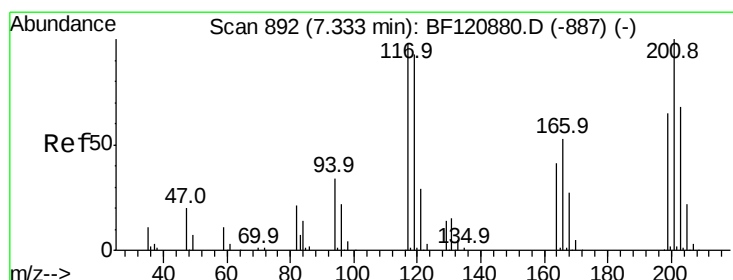
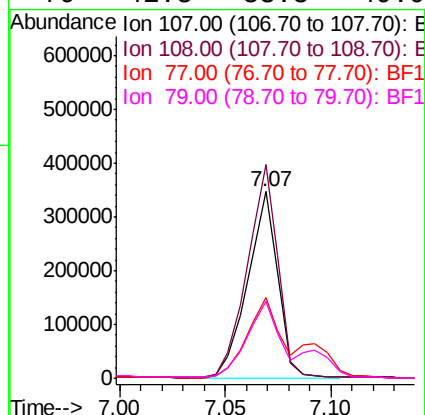
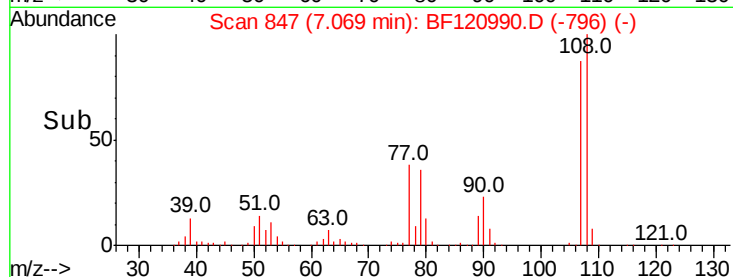
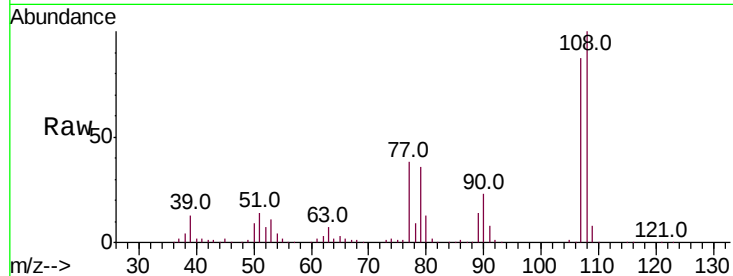
ClientSampleId :

PB130431BS

Tot Ion:	107	Resp:	343442
Ion Ratio	Lower	Upper	
107	100		
108	114.5	92.0	138.0
77	43.1	34.0	51.0
79	41.3	33.3	49.9

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#18

Hexachloroethane

Concen: 40.184 ng

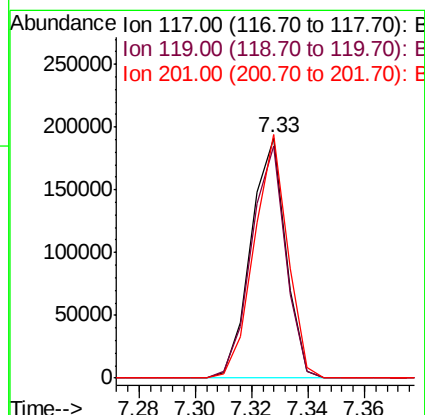
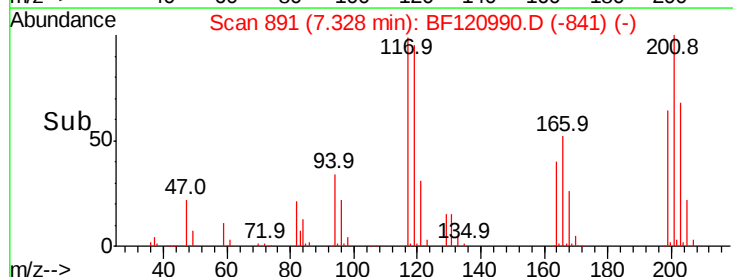
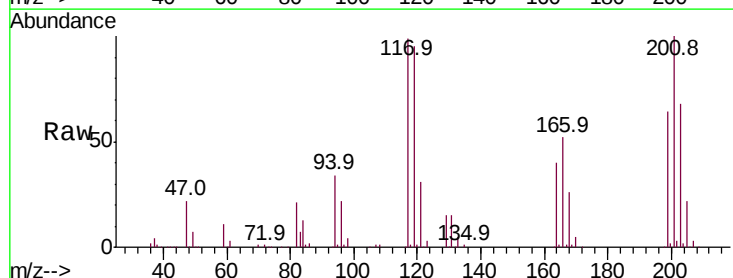
RT: 7.33 min Scan# 891

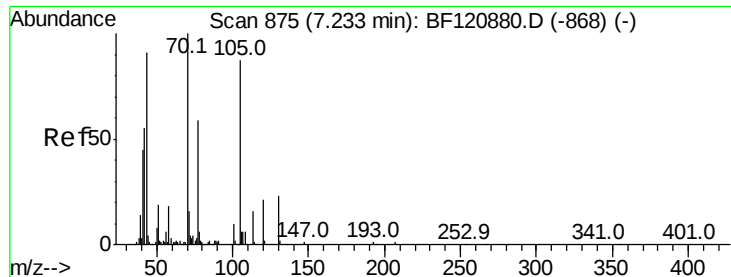
Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Tgt Ion:	117	Resp:	163908
Ion Ratio	Lower	Upper	
117	100		
119	96.7	76.0	114.0
201	101.4	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.013 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

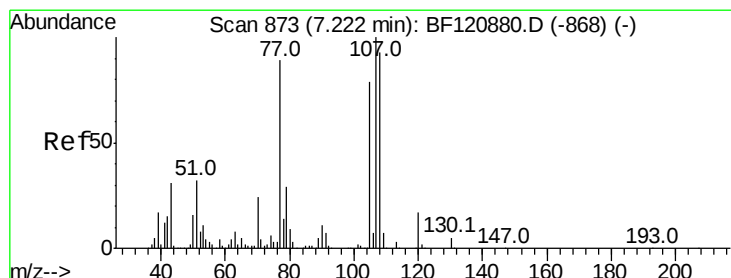
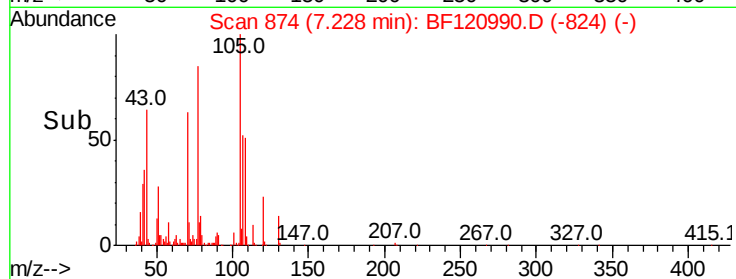
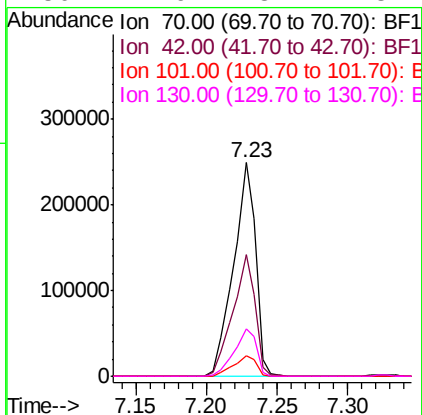
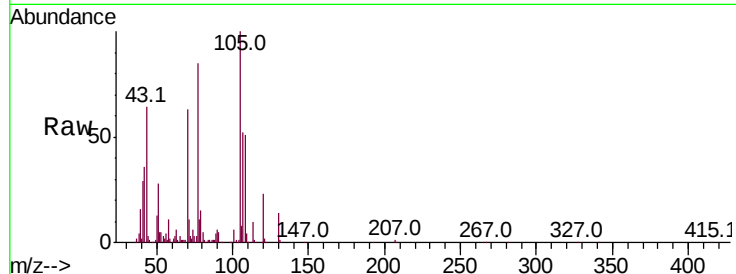
ClientSampleId :

PB130431BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.9	44.0	66.0
101	9.6	7.8	11.6
130	21.9	18.7	28.1

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#20

3+4-Methylphenols

Concen: 33.259 ng

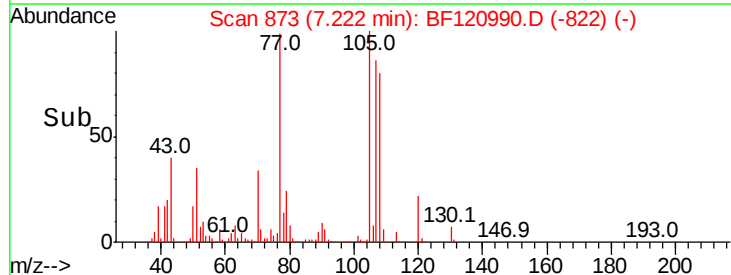
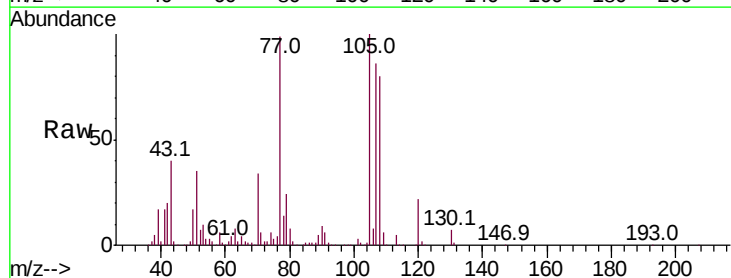
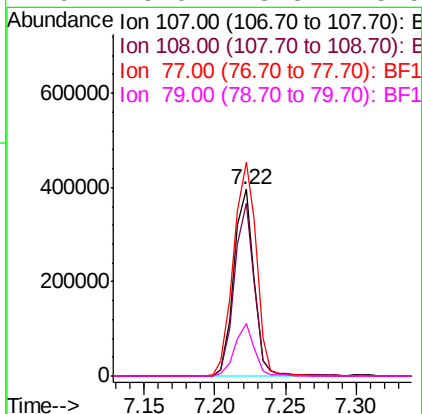
RT: 7.22 min Scan# 873

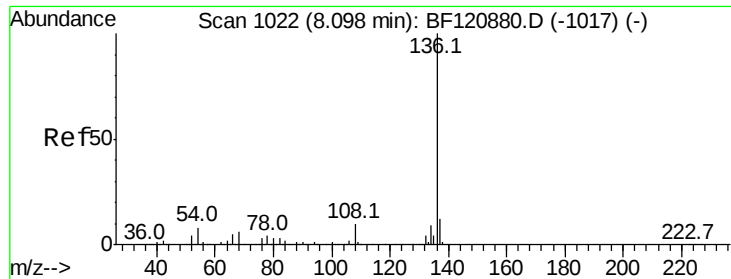
Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	72.8	112.8
77	114.6	68.7	108.7#
79	28.0	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: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

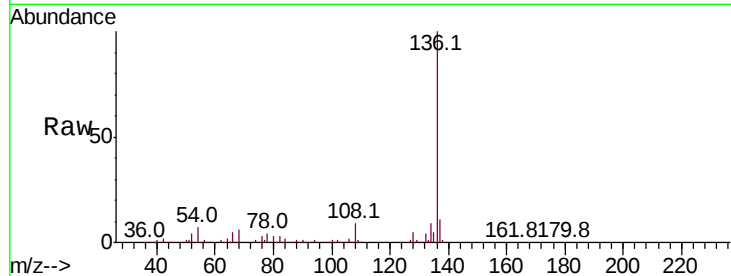
ClientSampleId :

PB130431BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	607697		
137	10.7		9.3	13.9
54	7.1		6.3	9.5
68	5.6		5.0	7.4

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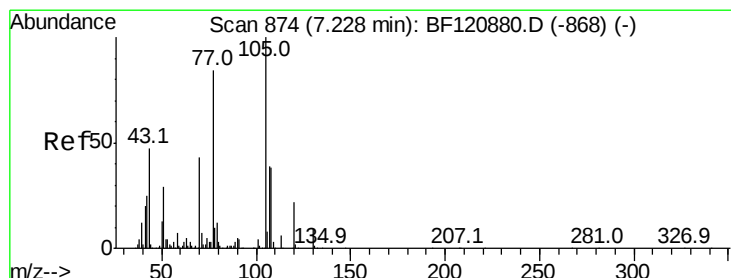
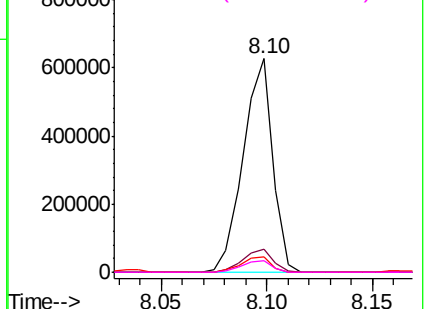
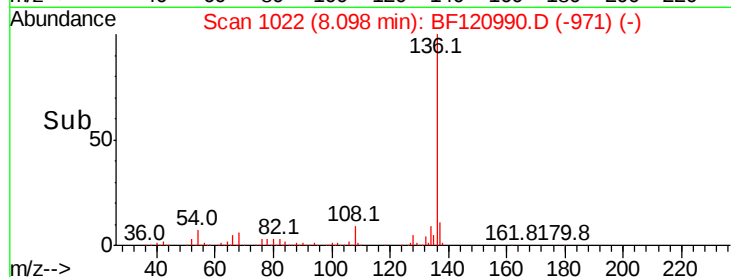
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.576 ng

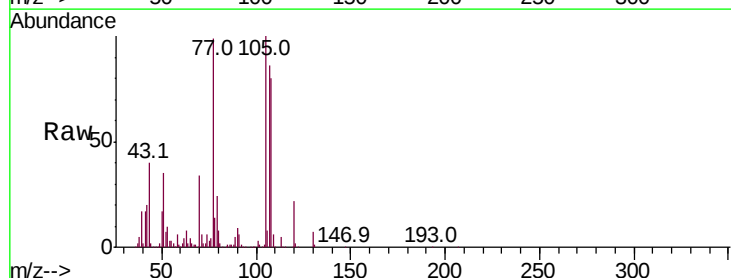
RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	539755		
71	5.6		5.7	8.5#
51	34.8		22.9	34.3#
120	22.1		18.0	27.0



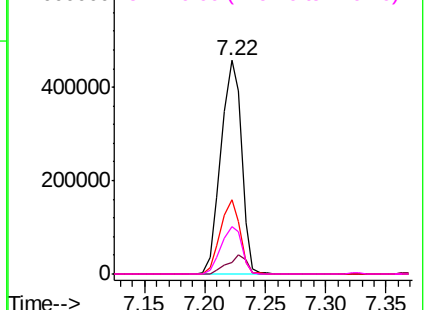
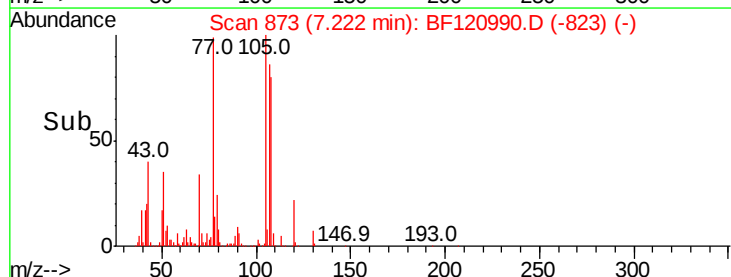
Abundance

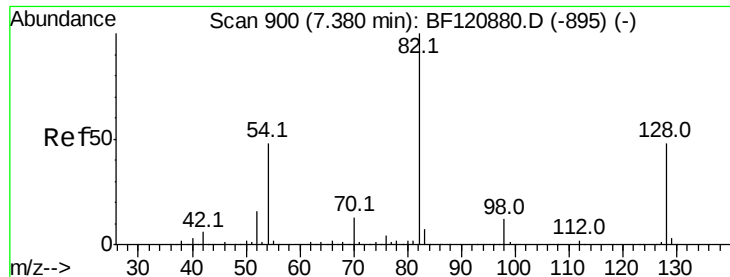
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





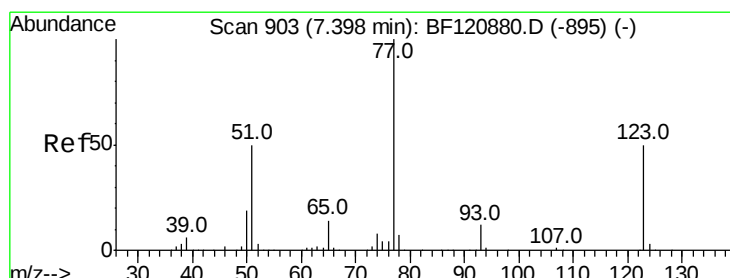
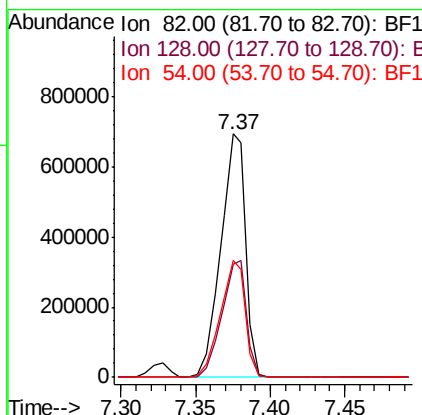
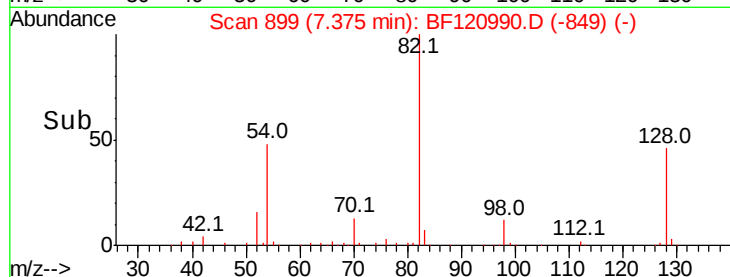
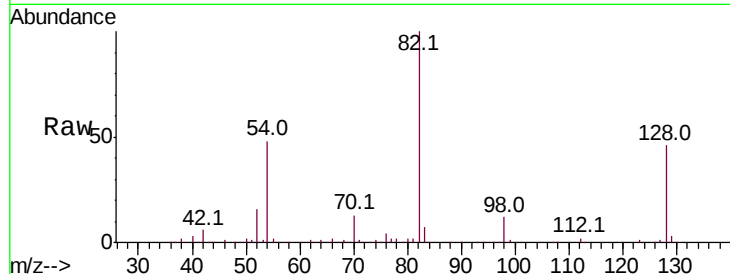
#23
 Nitrobenzene-d5
 Concen: 77.284 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleID :
 PB130431BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.2	57.4
54	48.1	38.7	58.1

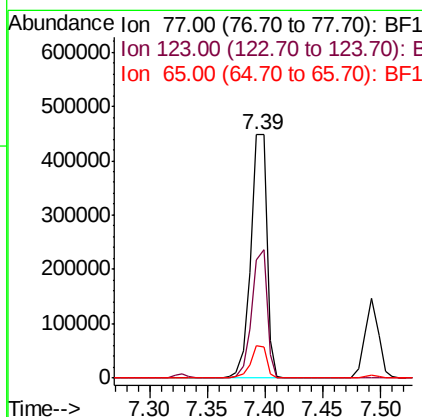
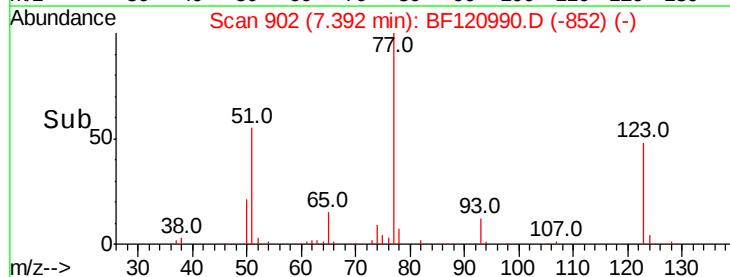
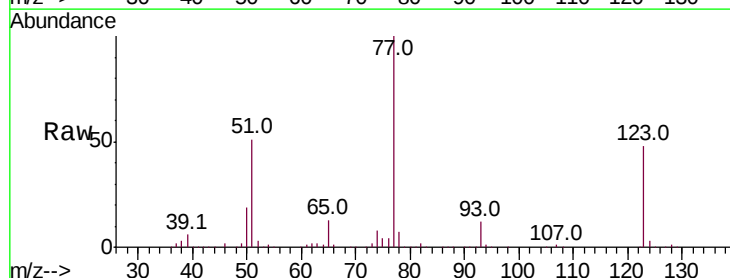
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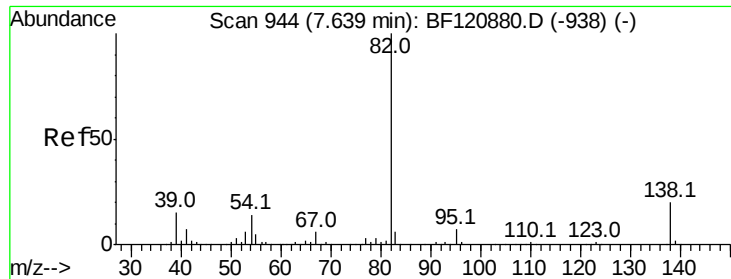
Sohil
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#24
 Nitrobenzene
 Concen: 38.252 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	40.1	60.1
65	13.4	10.8	16.2





#25

Isophorone

Concen: 38.464 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

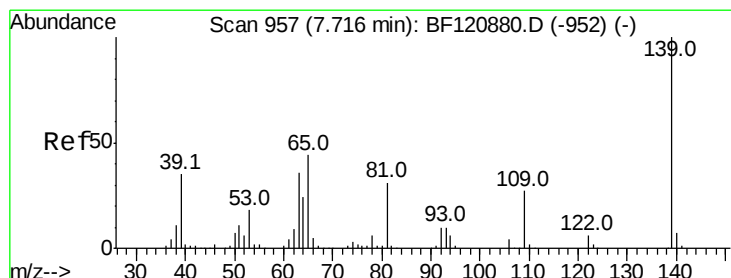
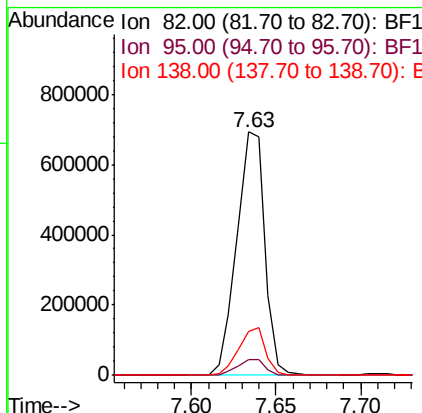
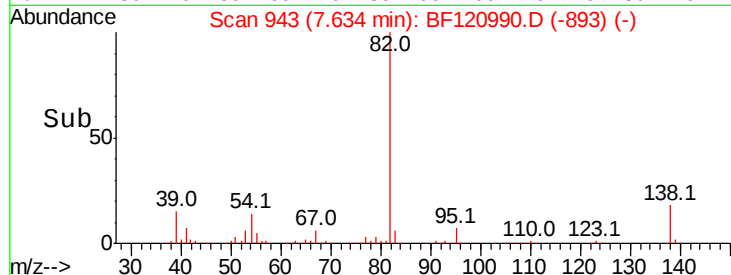
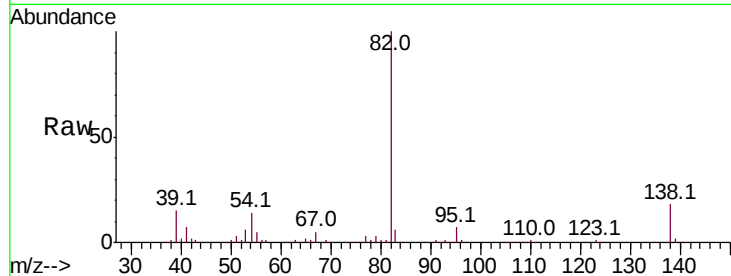
ClientSampleId :

PB130431BS

Tot Ion:	82	Resp:	806223
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	18.0	15.6	23.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.006 ng

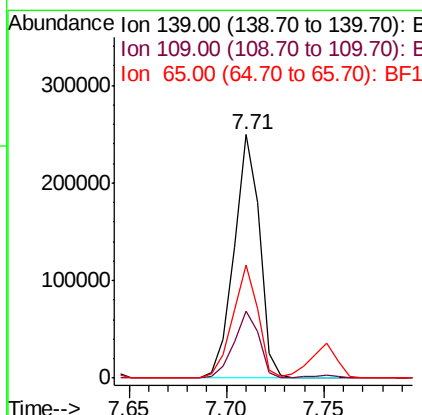
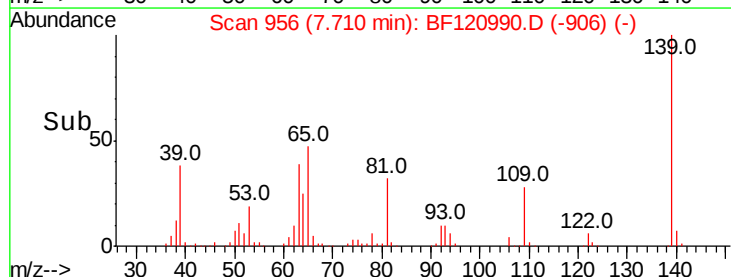
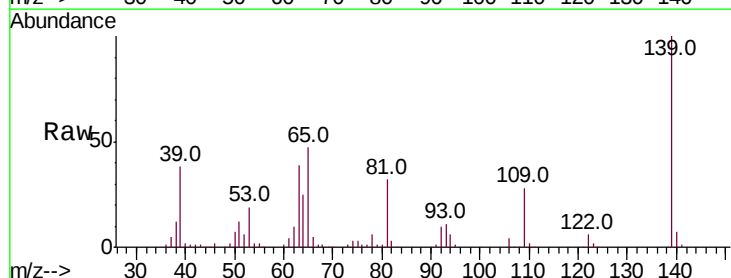
RT: 7.71 min Scan# 956

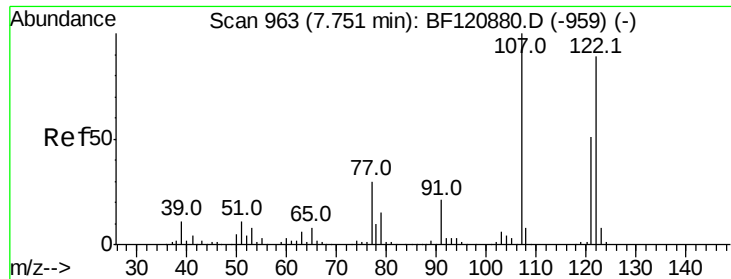
Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Tgt Ion:	139	Resp:	225822
Ion Ratio	Lower	Upper	
139	100		
109	27.6	21.6	32.4
65	46.5	35.3	52.9





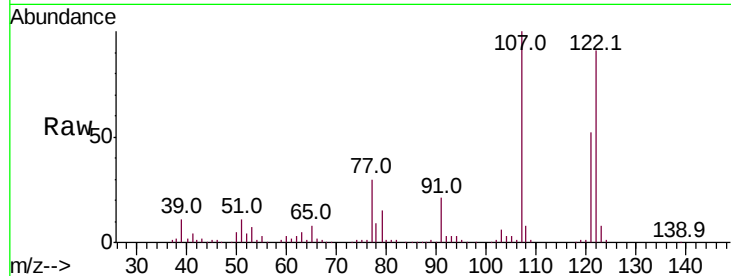
#27
2,4-Dimethylphenol
Concen: 43.586 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampled :
PB130431BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	380441		
107	110.1	89.4	134.0	
121	57.4	46.0	69.0	

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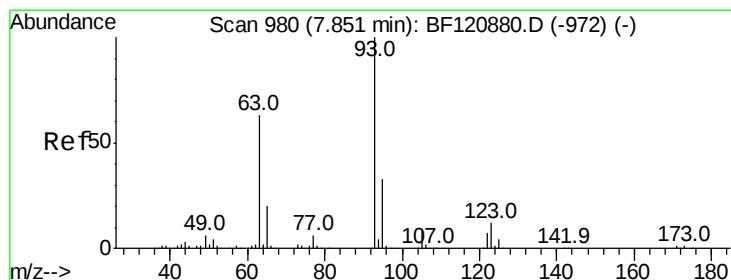
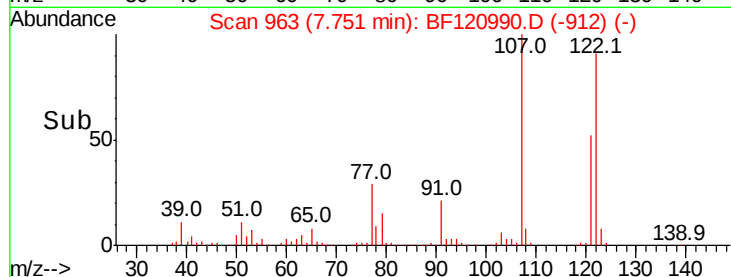
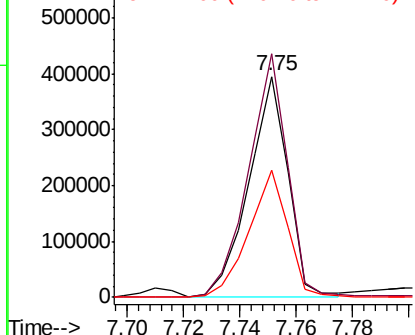


Abundance

Ion 122.00 (121.70 to 122.70): E

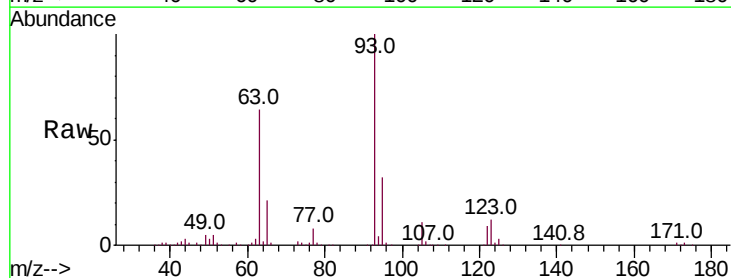
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.400 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	516899		
95	32.1	26.6	39.8	
123	11.7	10.0	15.0	

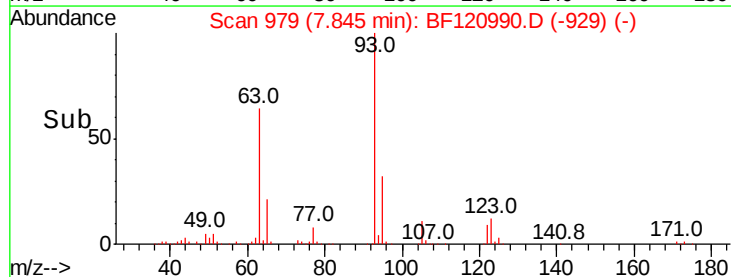
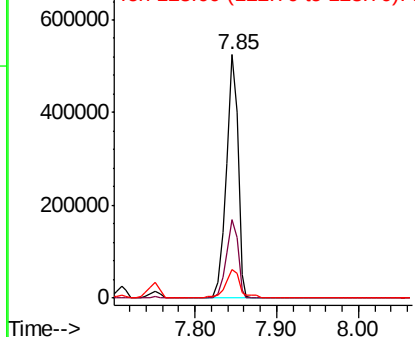


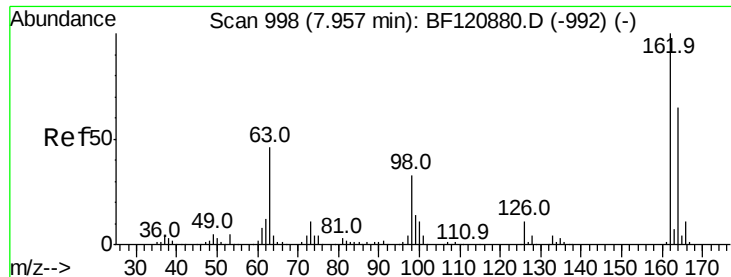
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





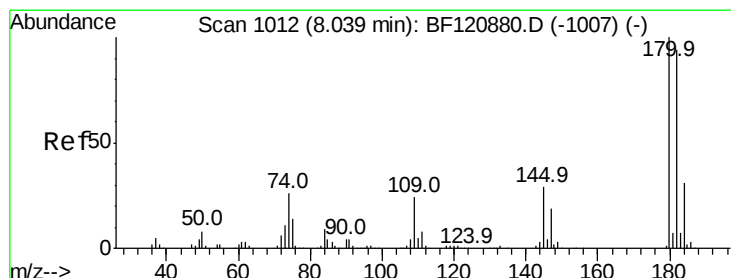
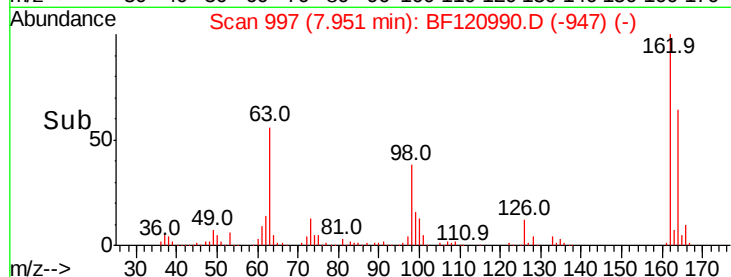
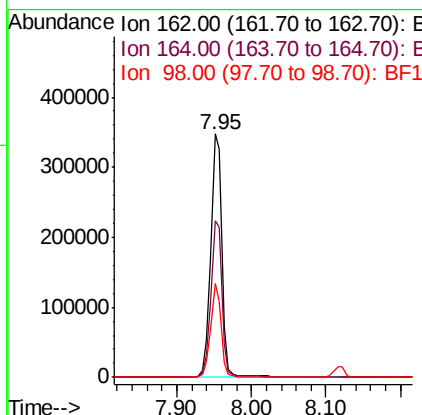
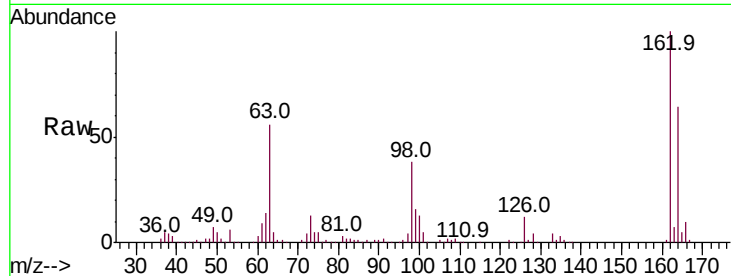
#29
 2,4-Dichlorophenol
 Concen: 40.282 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.4	45.3	85.3
98	38.3	13.3	53.3

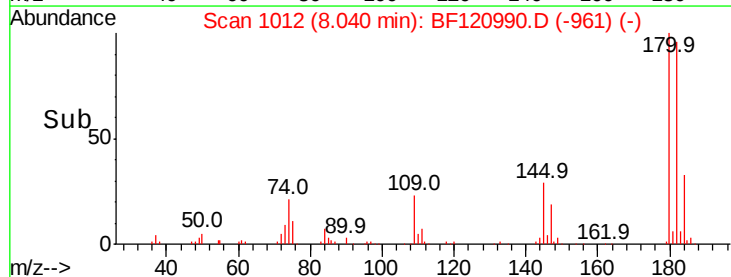
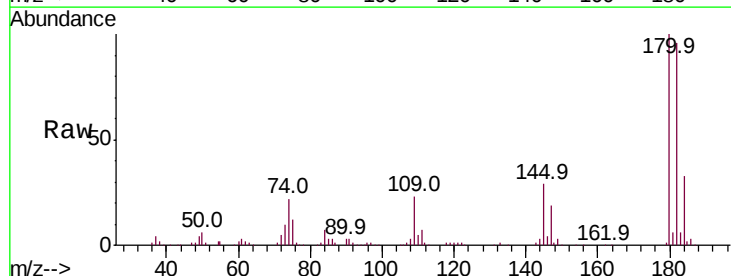
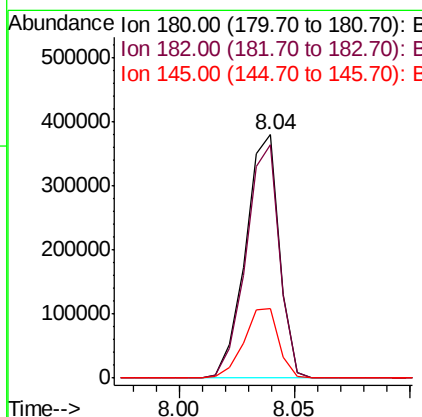
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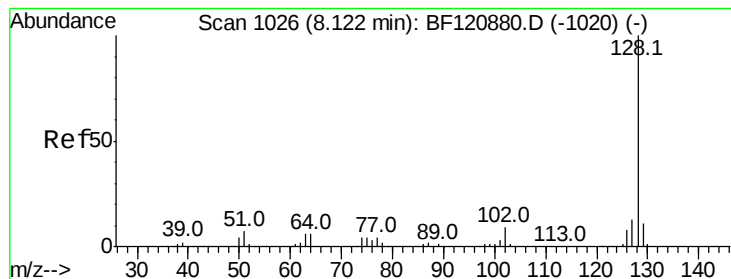
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.192 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	75.0	112.6
145	28.8	23.5	35.3





#31

Naphthalene

Concen: 38.811 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

PB130431BS

Tot Ion:128 Resp: 1209805

Ion Ratio Lower Upper

128 100

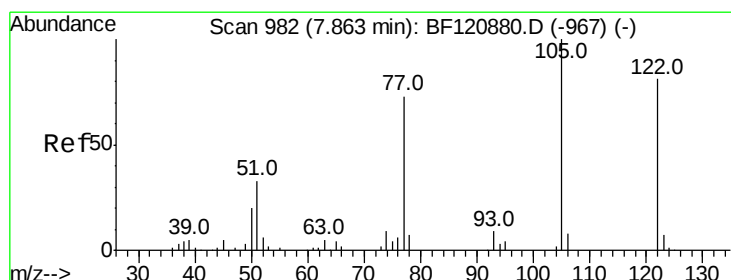
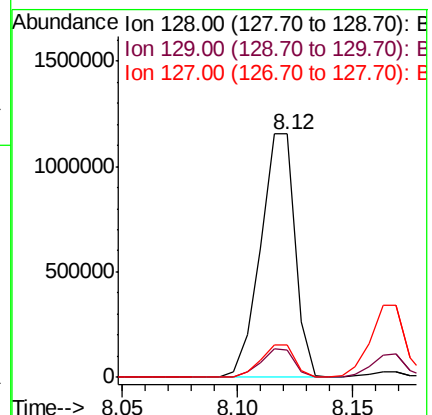
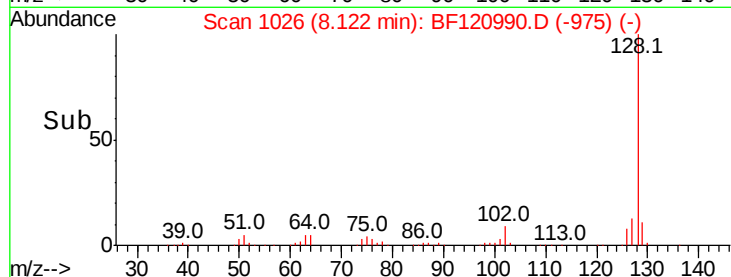
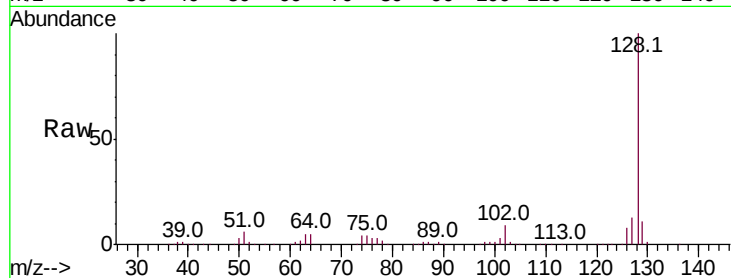
129 11.1 9.1 13.7

127 13.3 10.7 16.1

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#32

Benzoic acid

Concen: 39.346 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

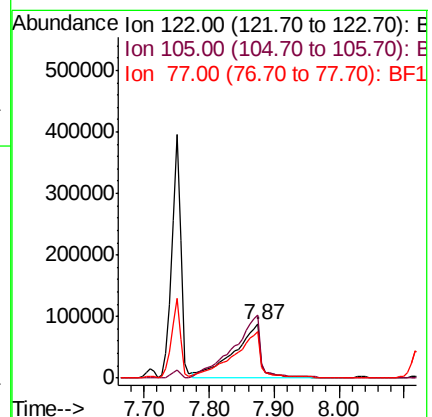
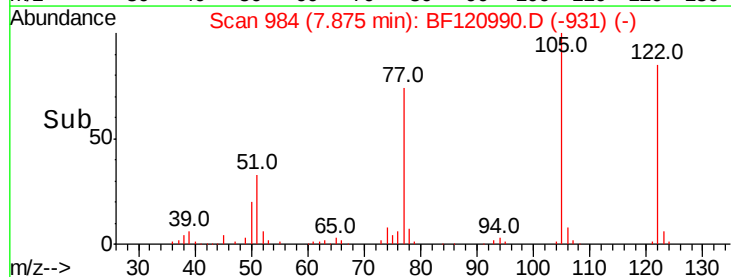
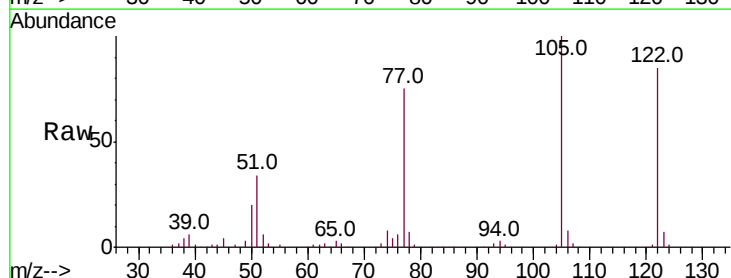
Tgt Ion:122 Resp: 257802

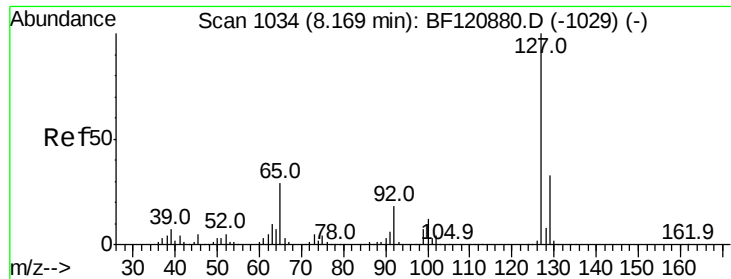
Ion Ratio Lower Upper

122 100

105 117.7 101.3 141.3

77 87.8 69.1 109.1





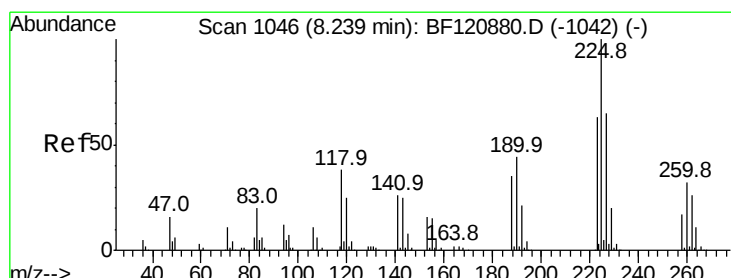
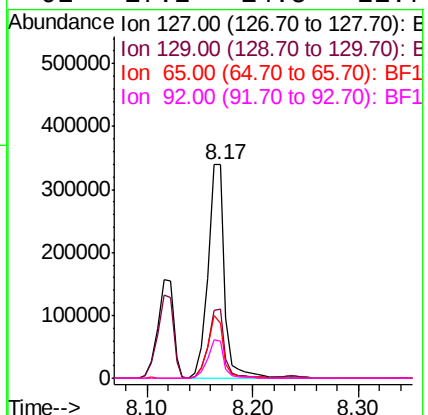
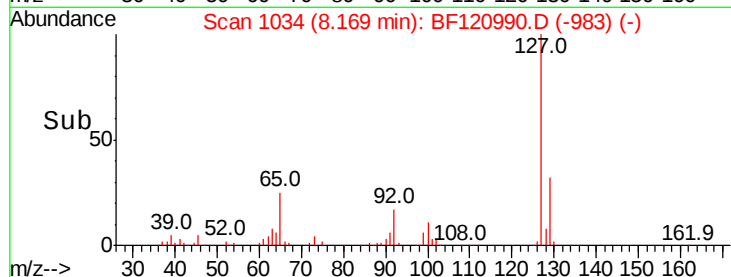
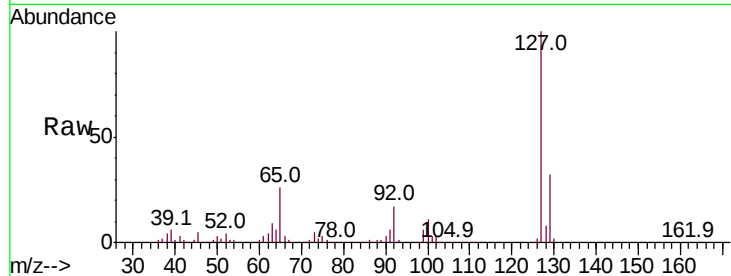
#33
4-Chloroaniline
Concen: 26.881 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.5	39.7	
65	25.6	23.0	34.4	
92	17.2	14.5	21.7	

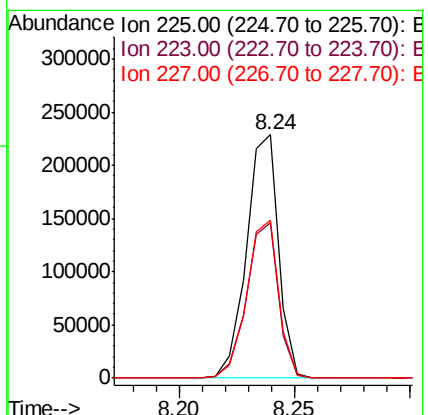
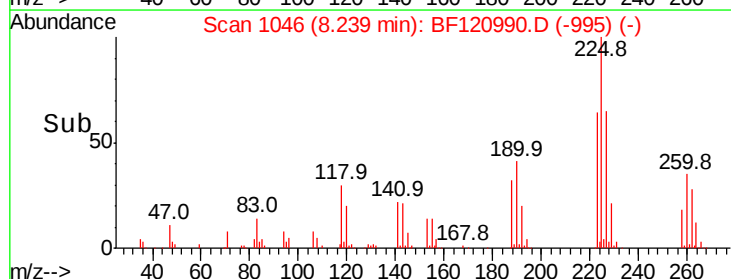
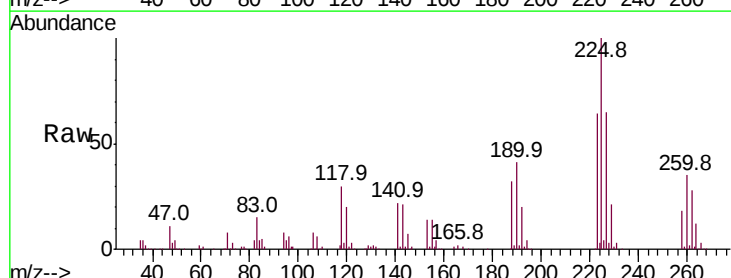
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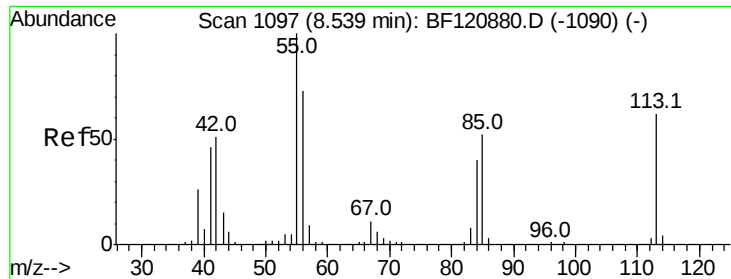
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#34
Hexachlorobutadiene
Concen: 37.982 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	50.6	76.0	
227	64.8	52.2	78.2	





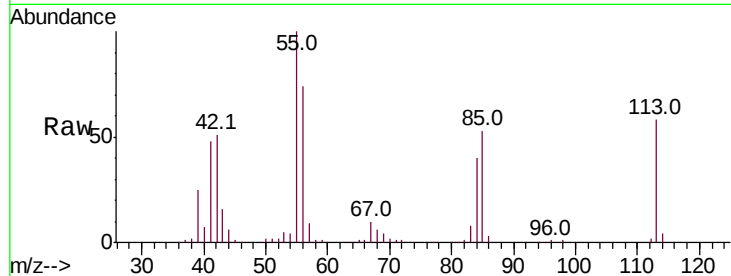
#35
 Caprolactam
 Concen: 40.290 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BS

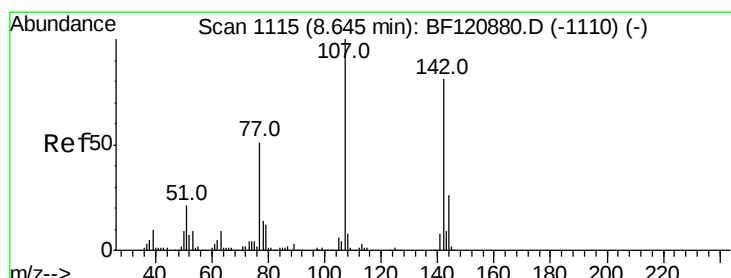
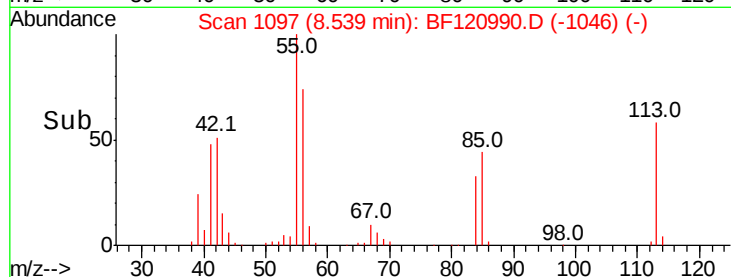
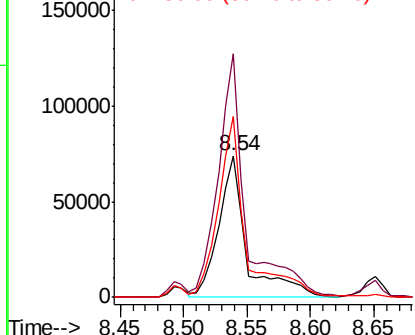
Tot Ion	Ratio	Lower	Upper
113	100		
55	172.4	143.3	183.3
56	127.7	99.4	139.4

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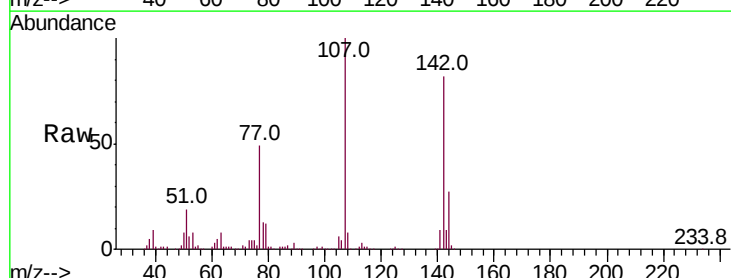


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

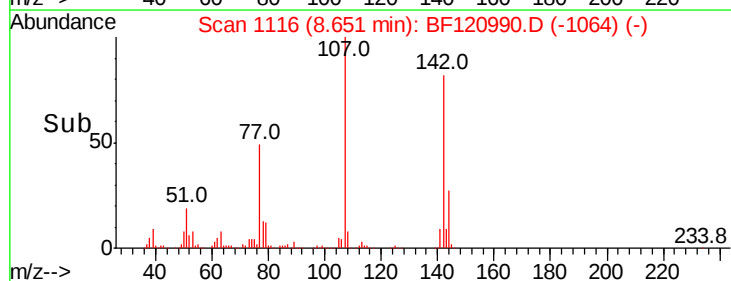
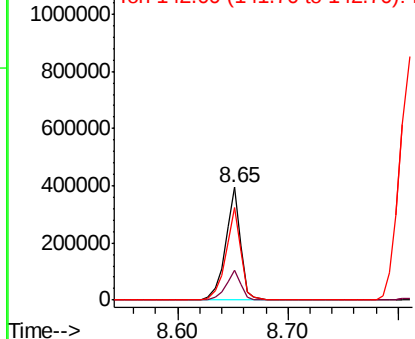


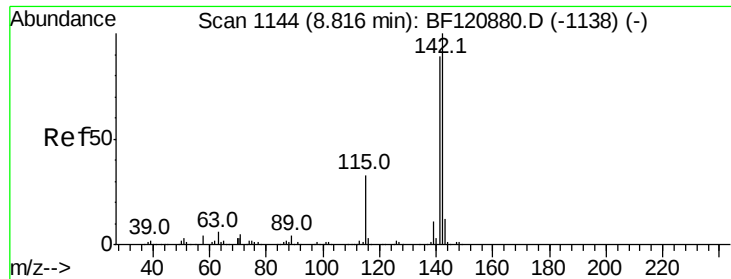
#36
 4-Chloro-3-methylphenol
 Concen: 41.063 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.0	31.6
142	82.2	65.0	97.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





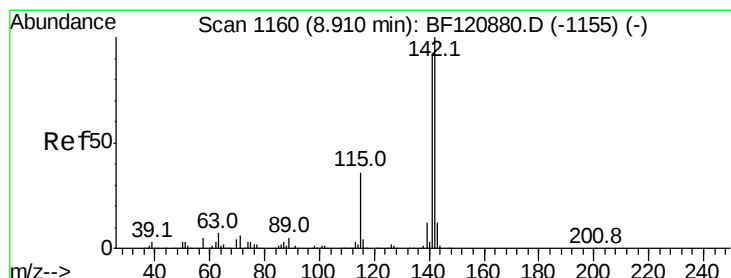
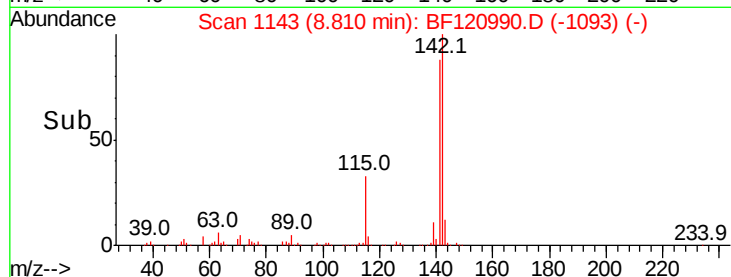
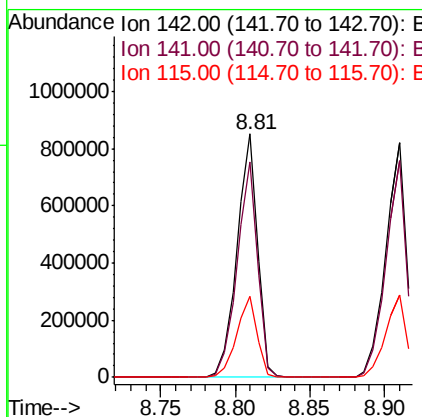
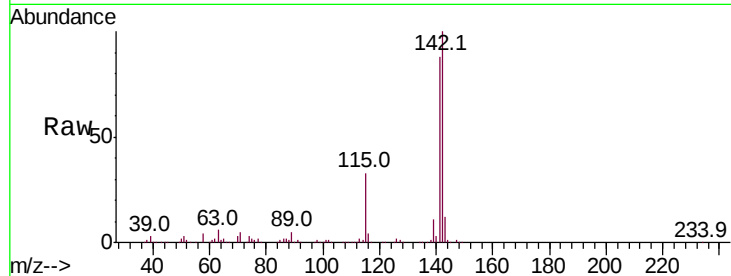
#37
2-Methylnaphthalene
Concen: 40.615 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.4
115	33.3	26.0	39.0

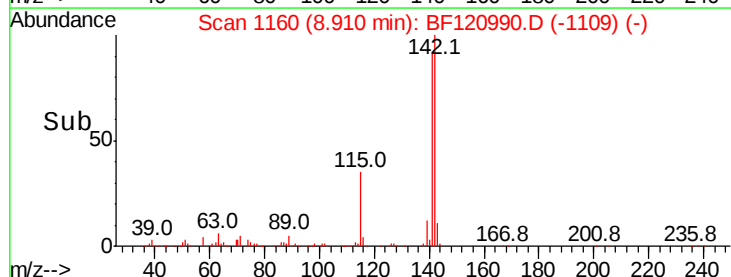
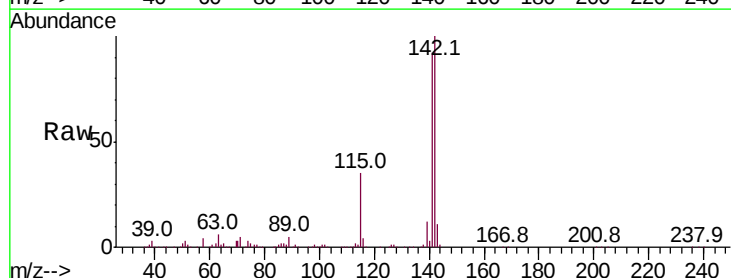
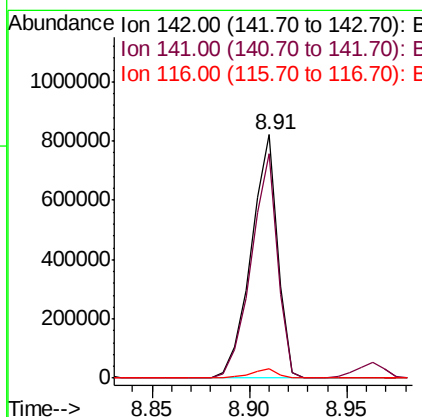
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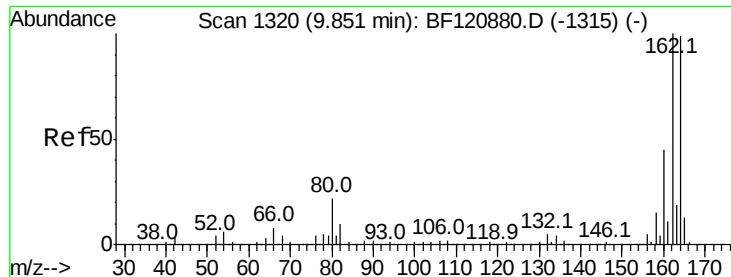
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#38
1-Methylnaphthalene
Concen: 40.288 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5
116	3.7	3.0	4.6





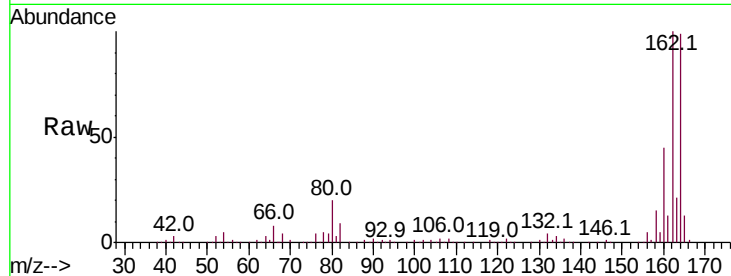
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.2	121.8
160	45.5	36.9	55.3

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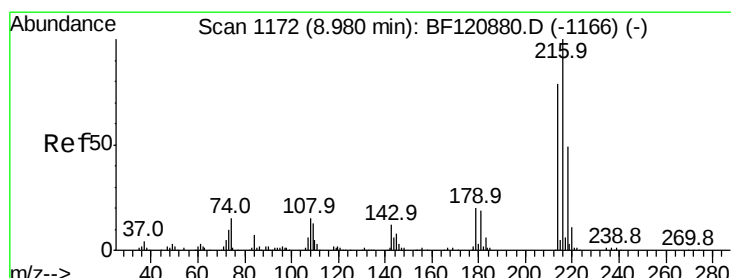
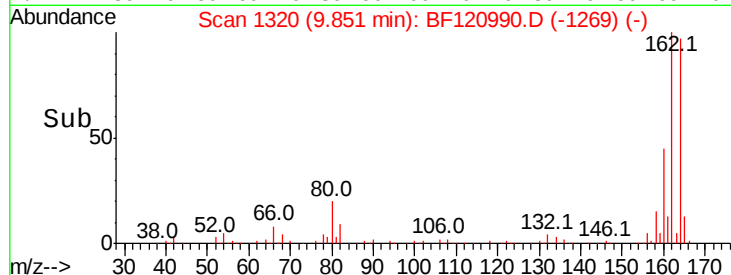
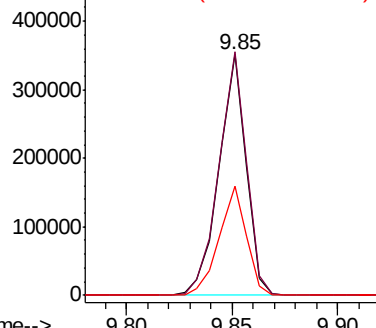


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.695 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.8
179	20.6	16.6	24.8
108	20.3	15.4	23.0

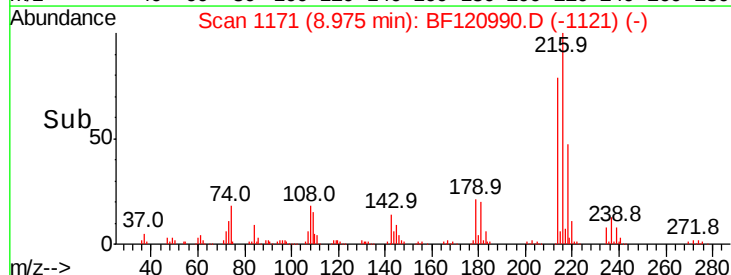
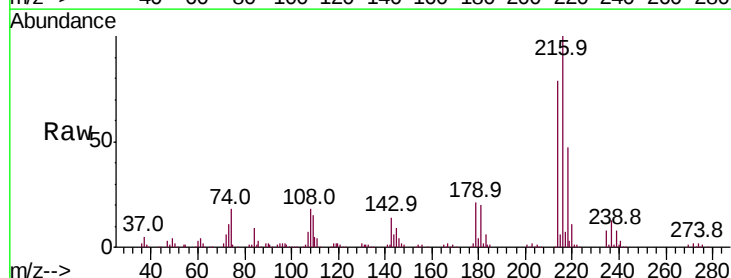
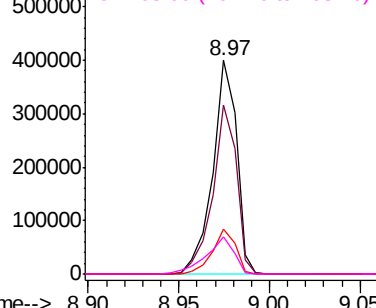
Abundance

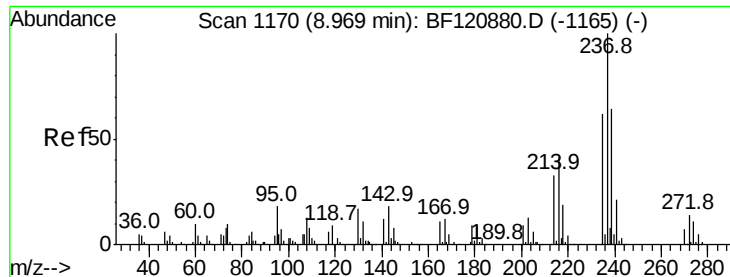
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.990 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

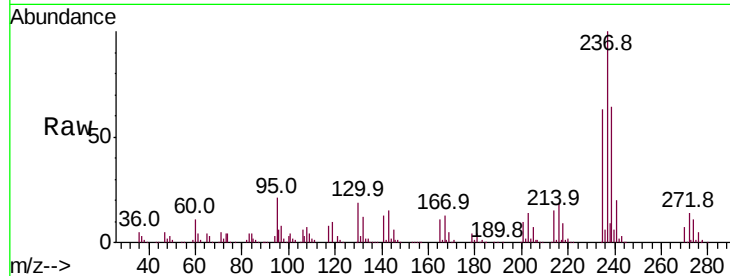
ClientSampleId :

PB130431BS

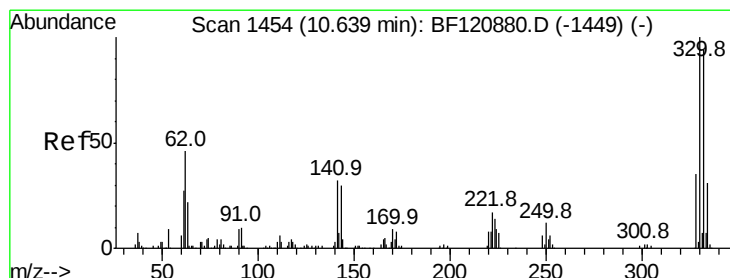
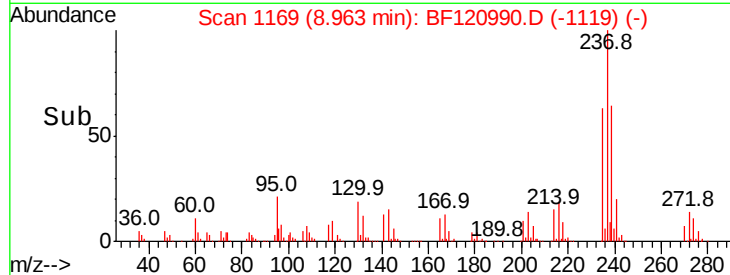
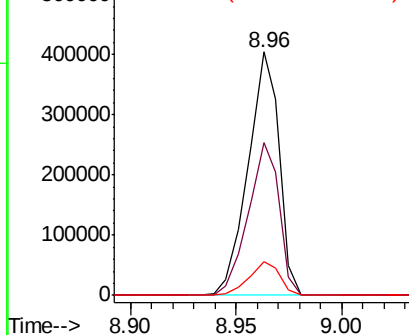
Tot Ion:	237	Resp:	412529
Ion Ratio	Lower	Upper	
237	100		
235	63.0	41.6	81.6
272	14.1	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 116.335 ng

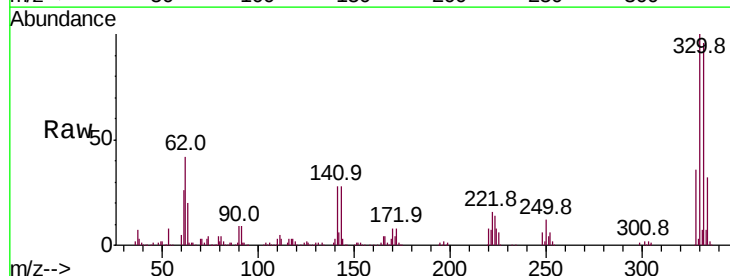
RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

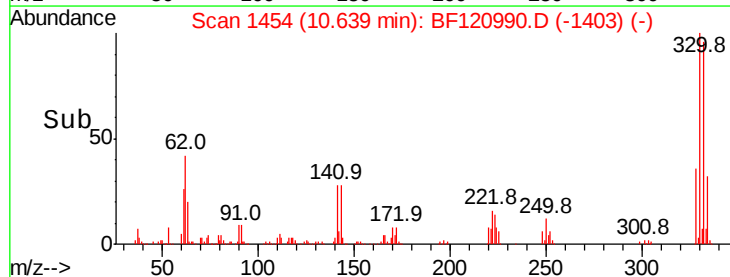
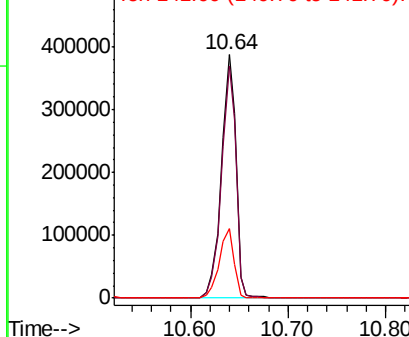
Lab File: BF120990.D

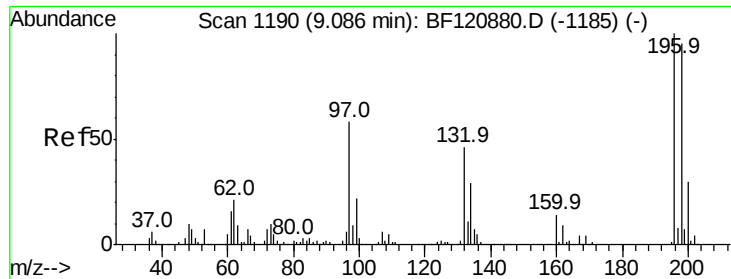
Acq: 23 Jul 2020 19:54

Tgt Ion:	330	Resp:	402800
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.5	113.3
141	29.2	25.7	38.5



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





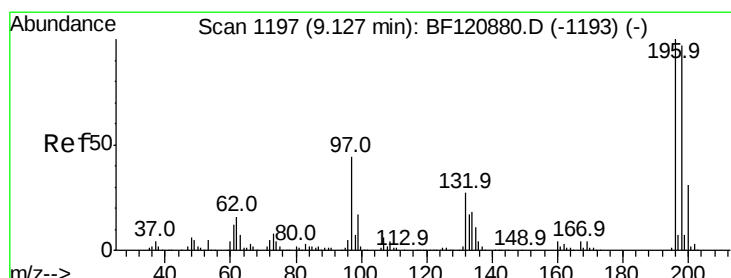
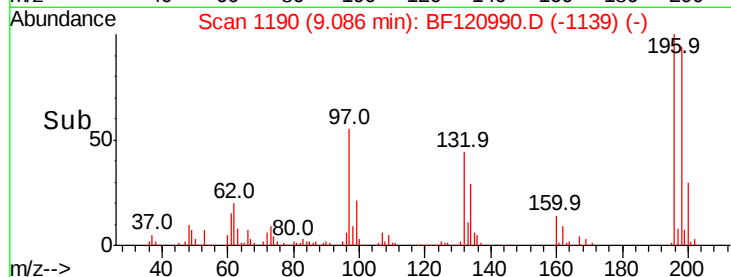
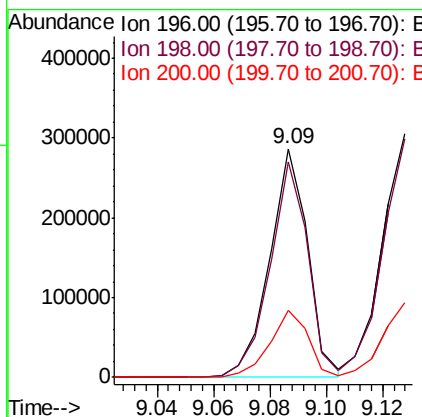
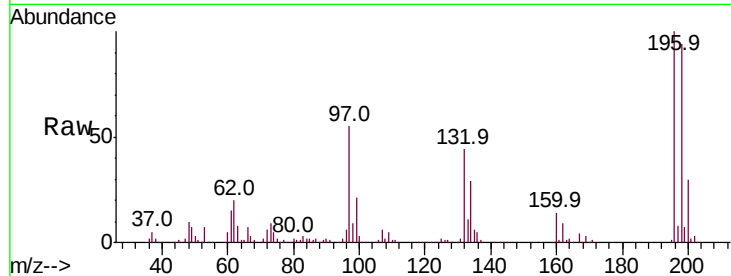
#43
 2,4,6-Trichlorophenol
 Concen: 41.088 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	266621		
198	94.3	75.7	113.5	
200	29.5	24.4	36.6	

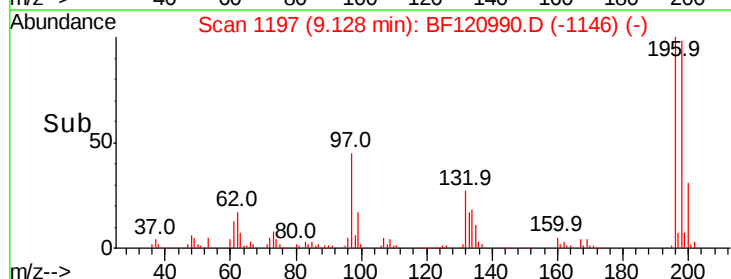
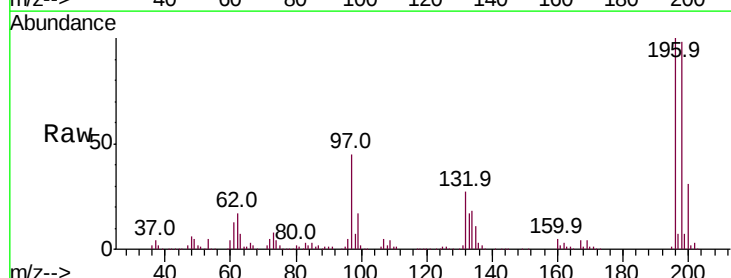
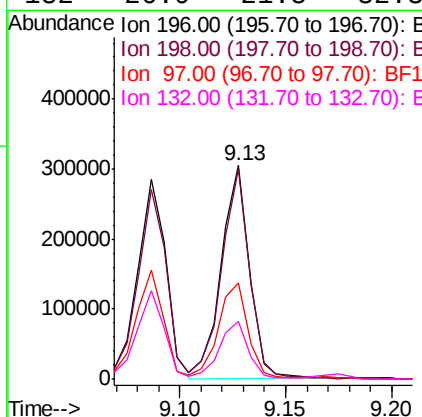
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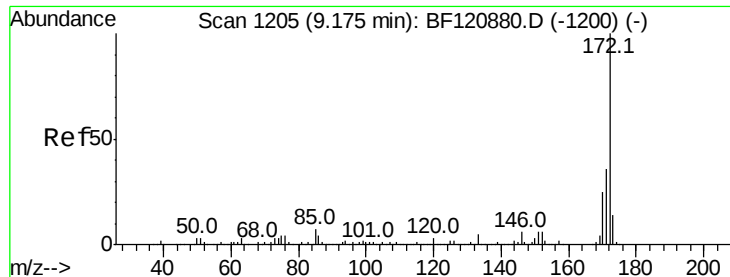
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#44
 2,4,5-Trichlorophenol
 Concen: 38.216 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281298		
198	98.2	77.6	116.4	
97	45.1	35.6	53.4	
132	26.9	21.5	32.3	





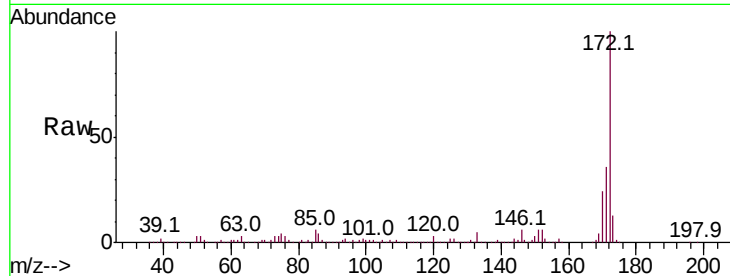
#45
2-Fluorobiphenyl
Concen: 70.888 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

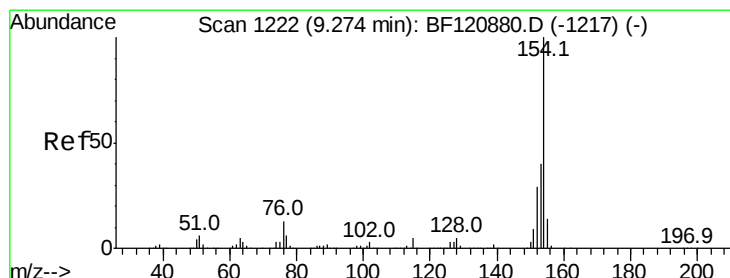
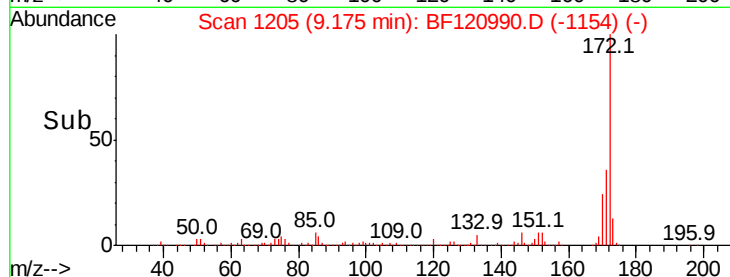
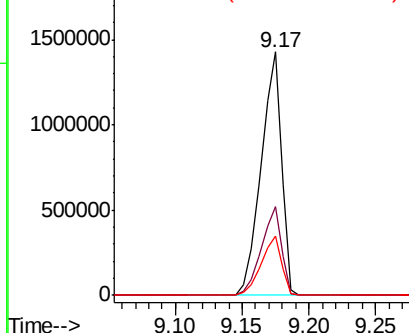
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.3	19.6	29.4

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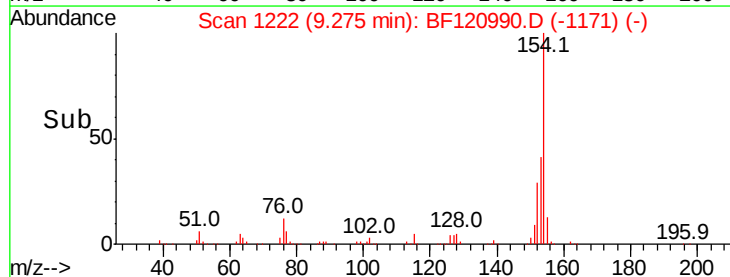
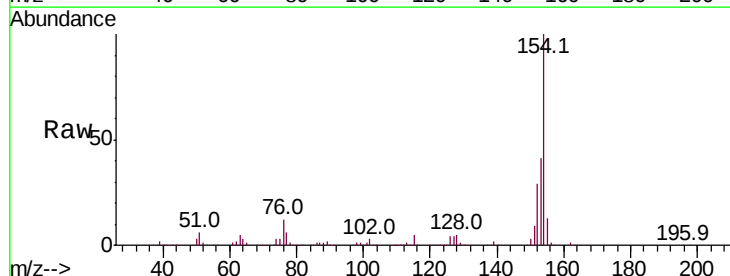
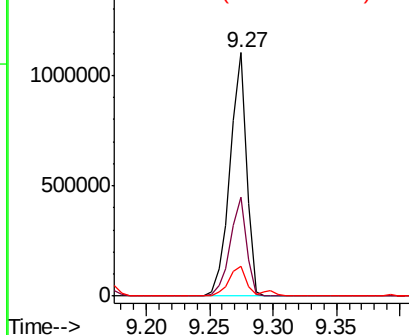
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

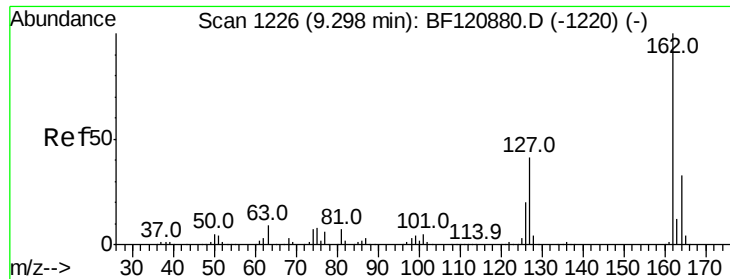


#46
1,1'-Biphenyl
Concen: 41.097 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	12.4	0.0	33.1

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





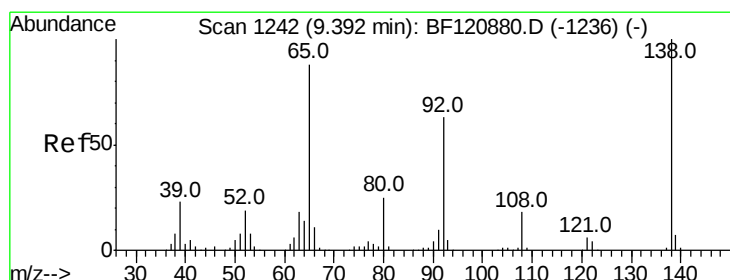
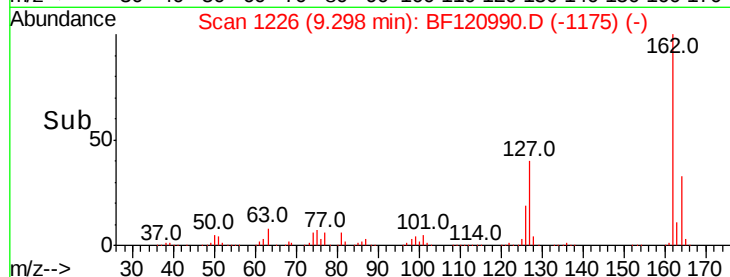
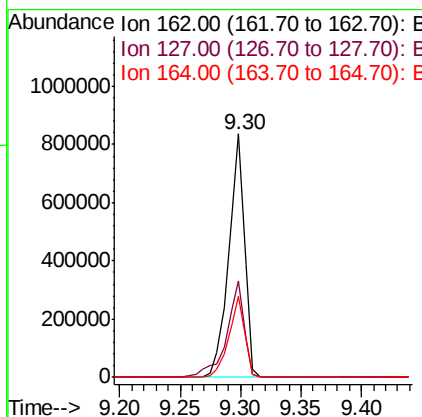
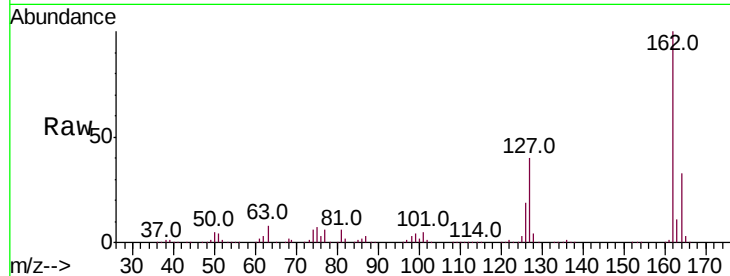
#47
 2-Chloronaphthalene
 Concen: 38.804 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampled :
 PB130431BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.7	33.3	49.9
164	33.1	26.6	39.8

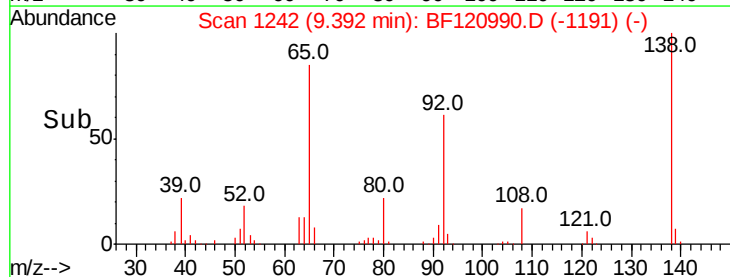
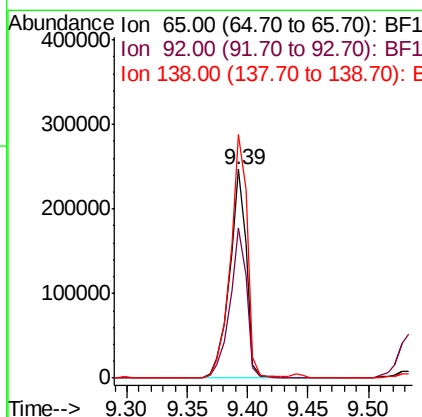
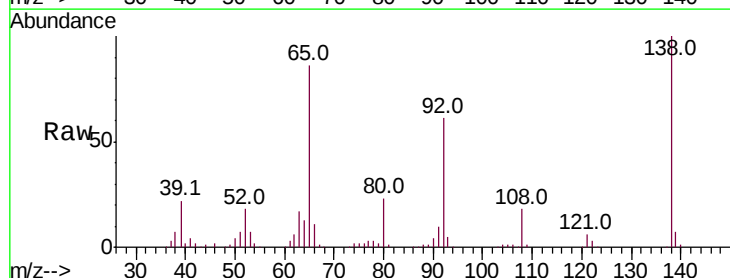
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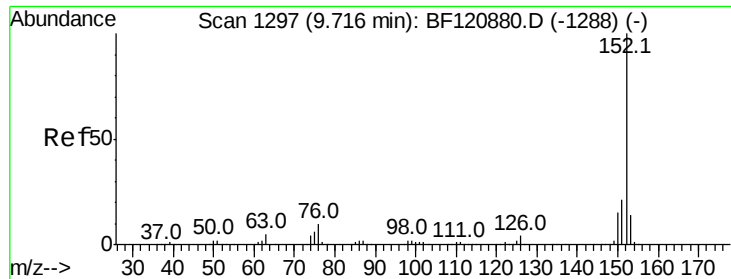
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#48
 2-Nitroaniline
 Concen: 40.083 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	71.7	57.0	85.4
138	116.6	90.4	135.6





#49

Acenaphthylene

Concen: 40.243 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

PB130431BS

Tot Ion:152 Resp: 1229879

Ion Ratio Lower Upper

152 100

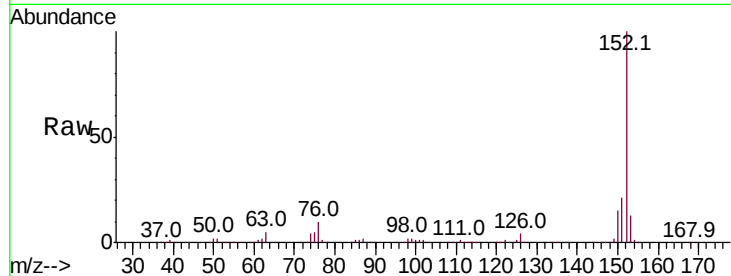
151 20.6 16.6 25.0

153 13.4 10.9 16.3

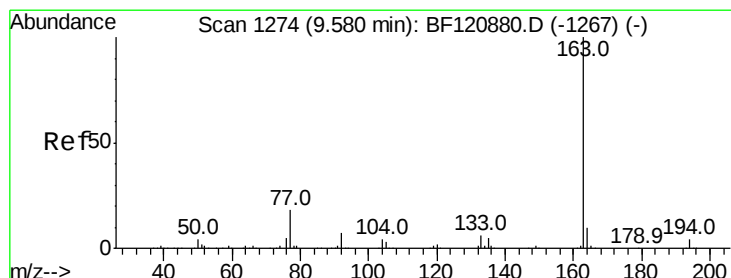
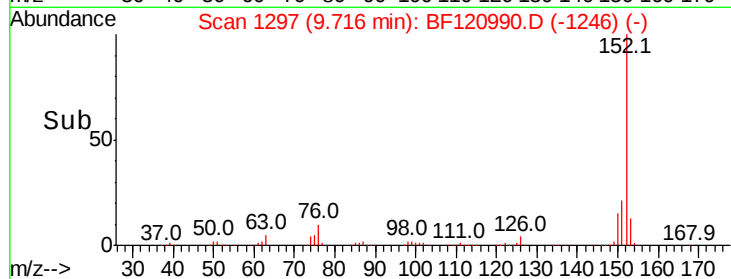
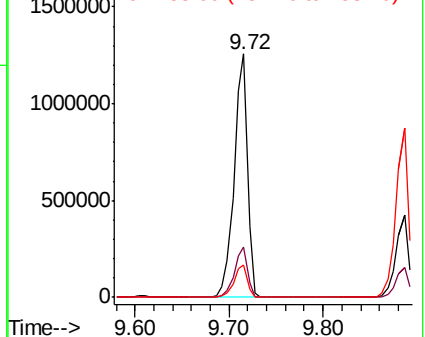
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.259 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

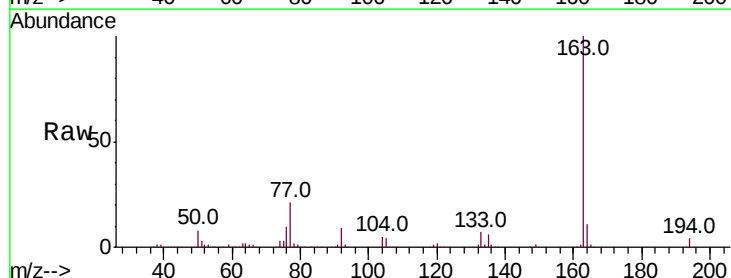
Tgt Ion:163 Resp: 918727

Ion Ratio Lower Upper

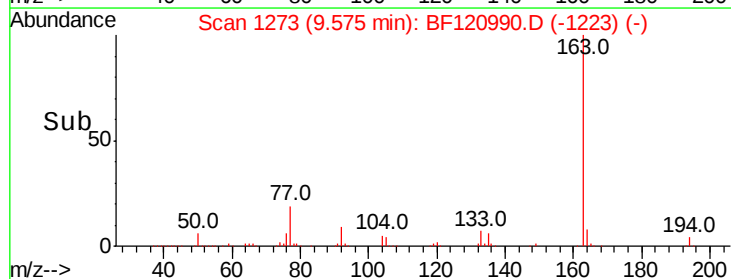
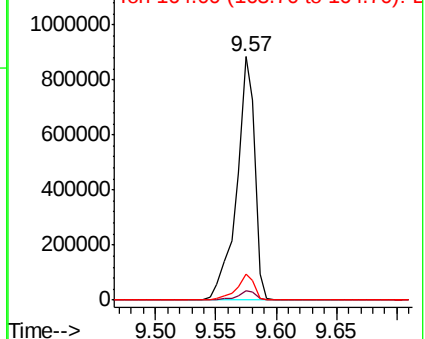
163 100

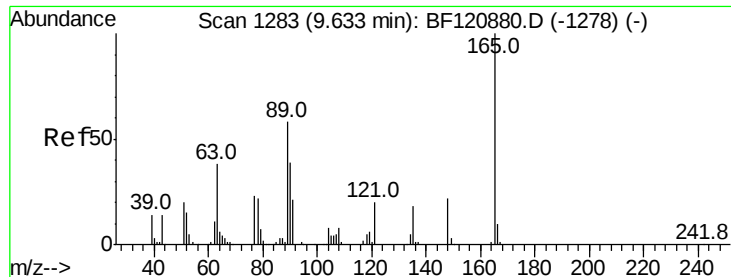
194 3.7 3.2 4.8

164 10.6 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





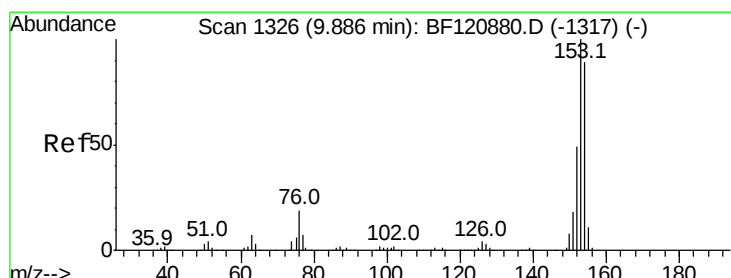
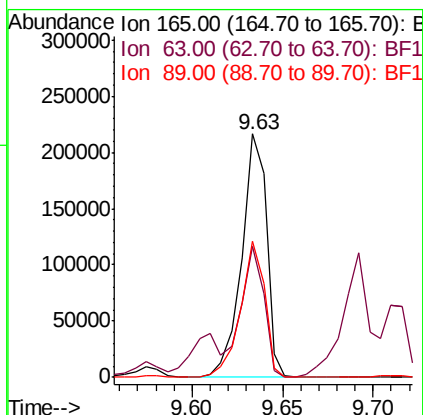
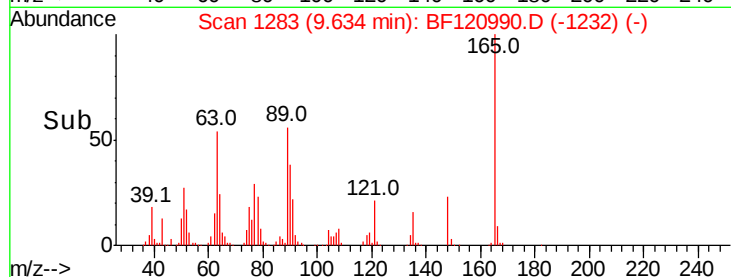
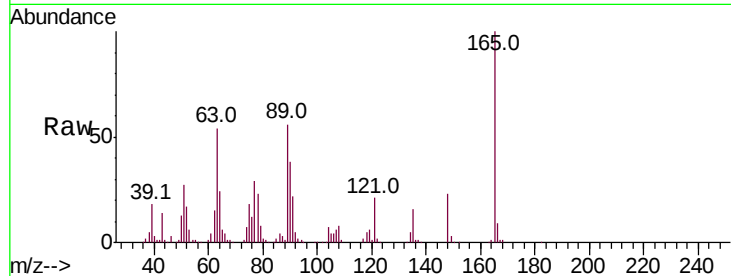
#51
2,6-Dinitrotoluene
Concen: 42.142 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	206614		
63	53.8		45.4	68.2
89	55.7		47.0	70.4

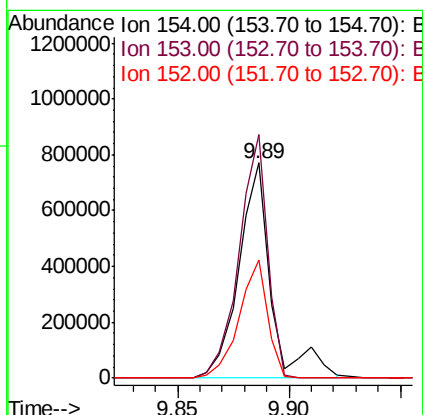
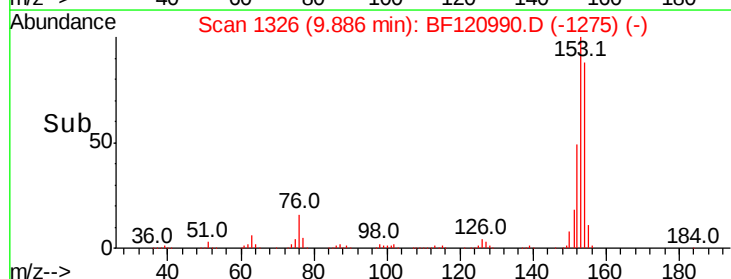
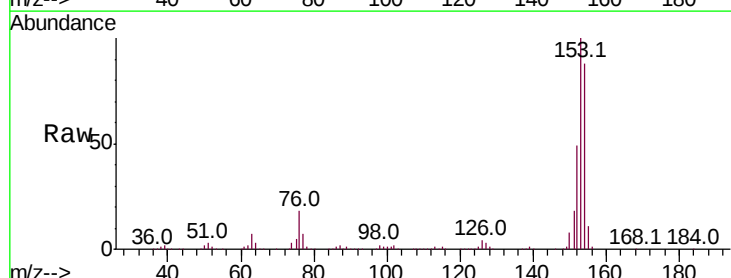
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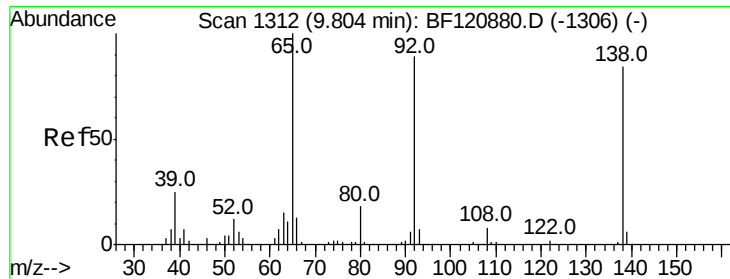
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#52
Acenaphthene
Concen: 40.652 ng m
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	789873		
153	113.3		89.5	134.3
152	55.1		44.2	66.2





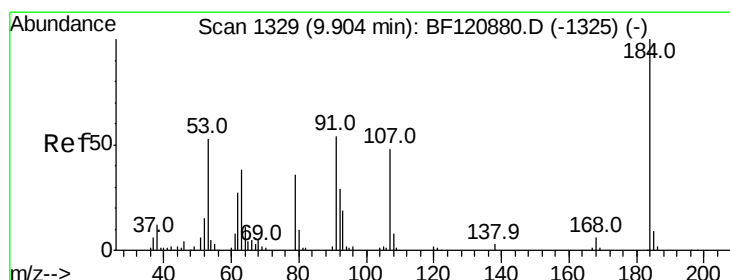
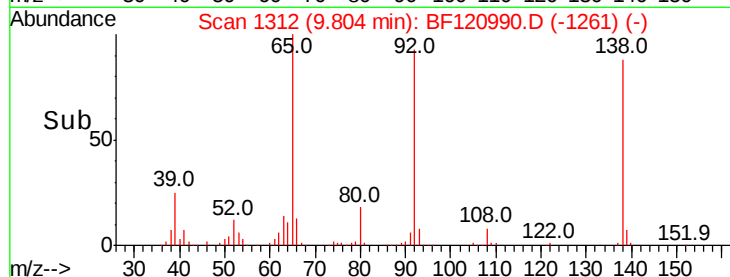
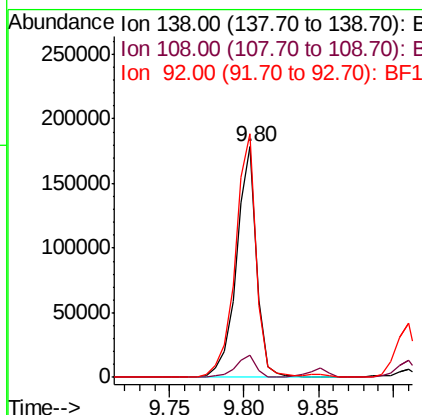
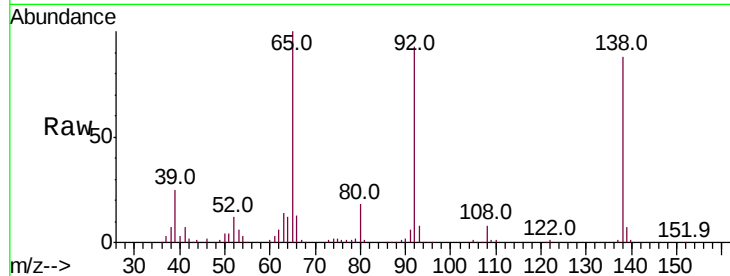
#53
3-Nitroaniline
Concen: 27.454 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	105.7	85.3	127.9

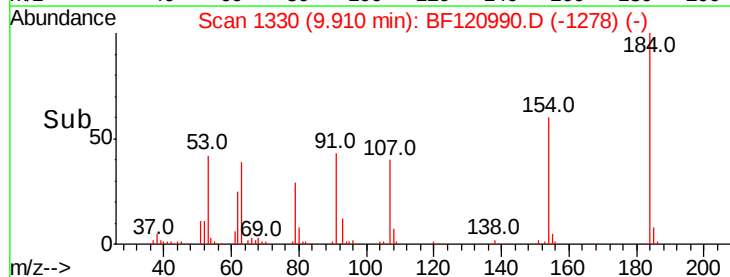
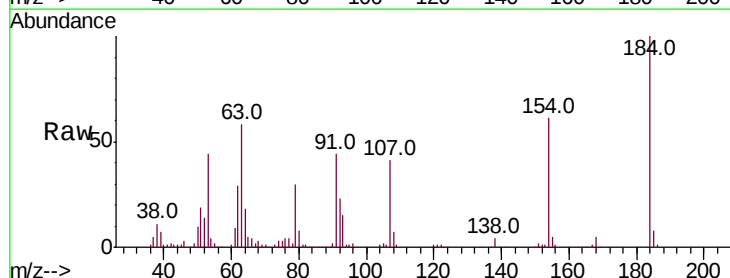
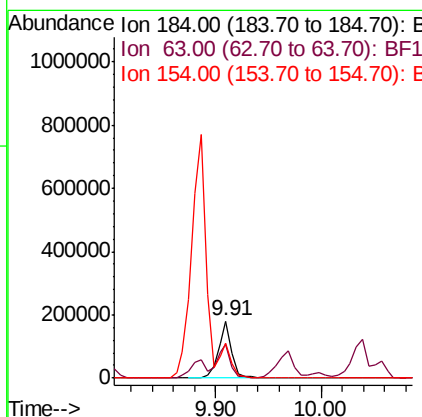
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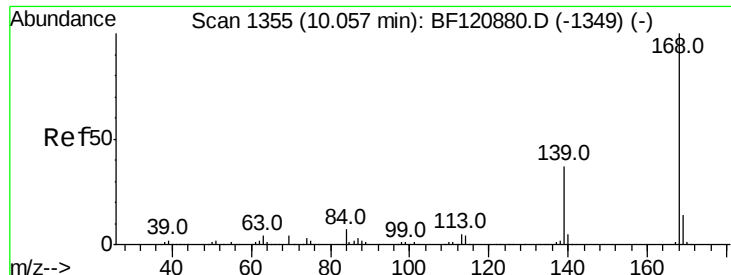
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#54
2,4-Dinitrophenol
Concen: 59.039 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	57.9	86.9
154	60.6	52.6	78.8





#55

Dibenzenofuran

Concen: 39.045 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampled :

PB130431BS

Tot Ion:168 Resp: 1097079

Ion Ratio Lower Upper

168 100

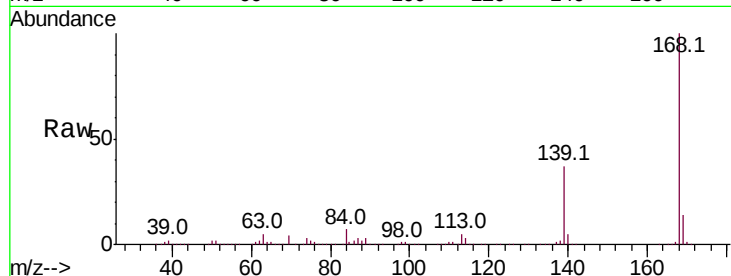
139 36.7 29.7 44.5

169 13.9 11.1 16.7

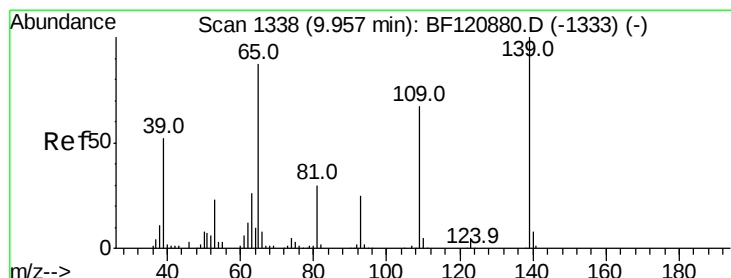
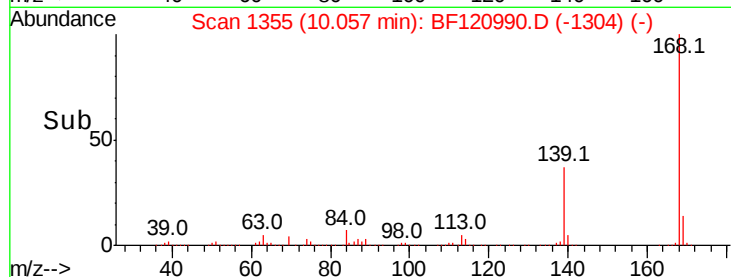
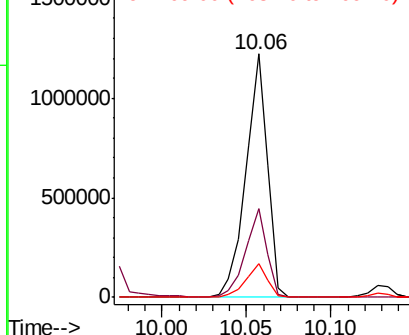
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 76.719 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

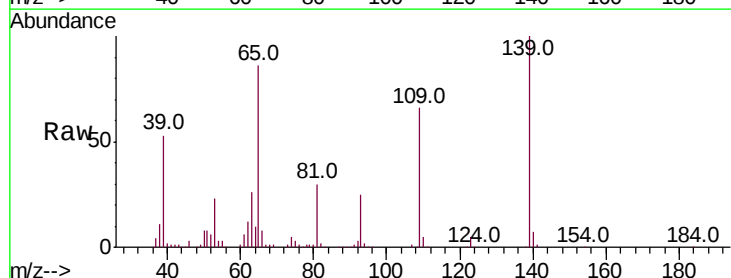
Tgt Ion:139 Resp: 358347

Ion Ratio Lower Upper

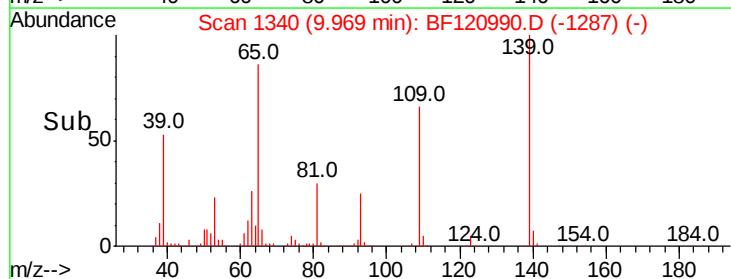
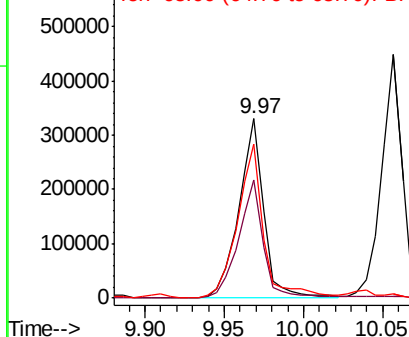
139 100

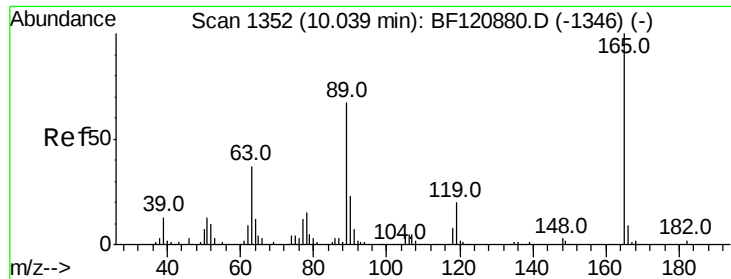
109 66.0 47.3 87.3

65 86.3 67.2 107.2



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





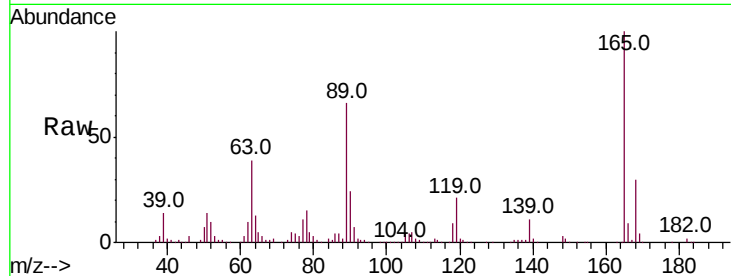
#57
2,4-Dinitrotoluene
Concen: 42.905 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	276238		
63	39.1	29.4	44.2	
89	66.2	53.4	80.0	
182	2.3	1.8	2.6	

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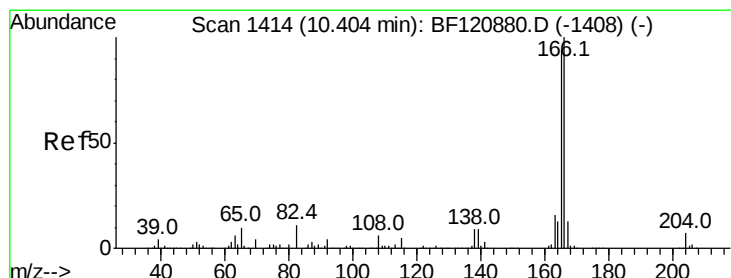
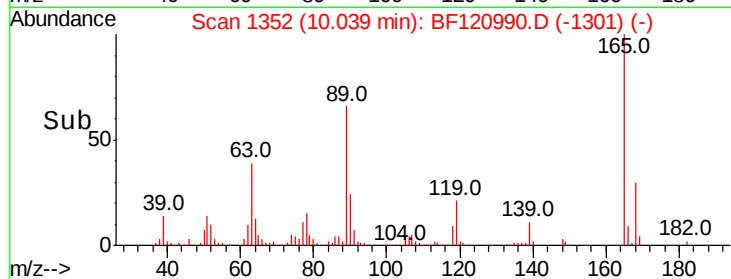
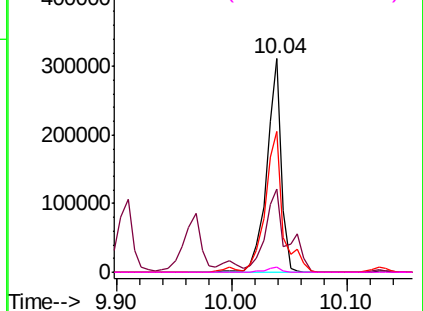
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

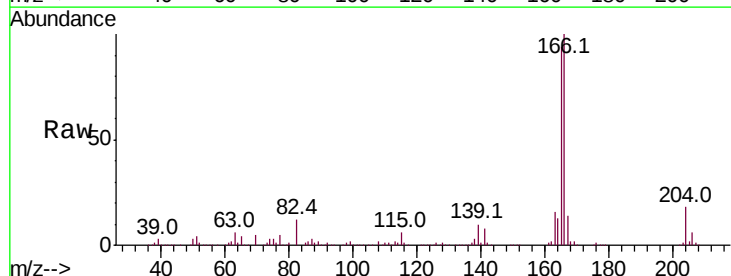
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.093 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	798268		
165	93.8	75.4	113.0	
167	13.7	10.6	15.8	

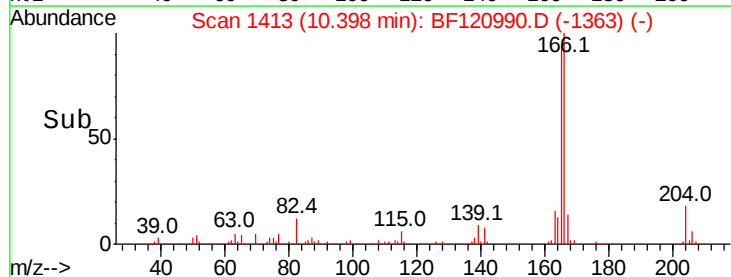
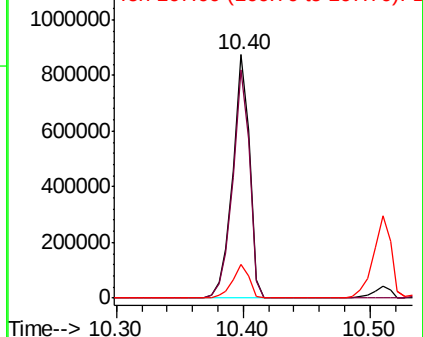


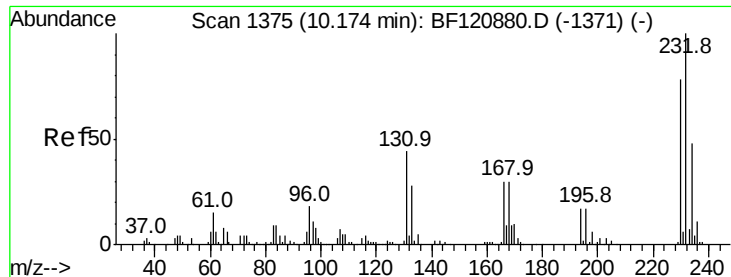
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





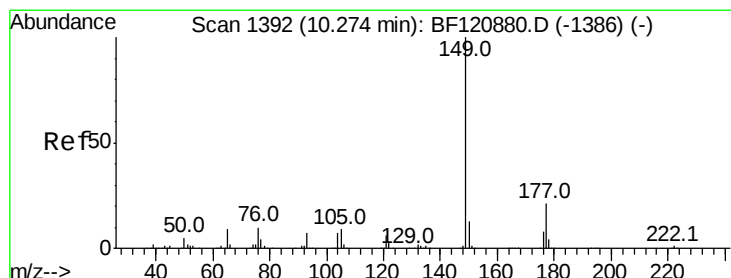
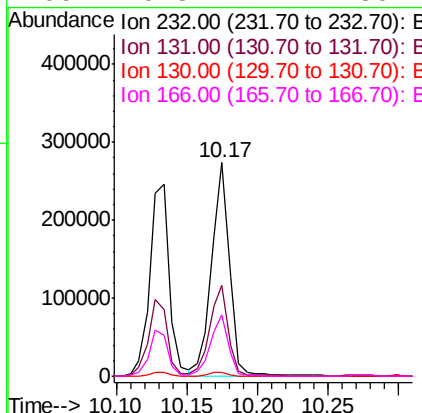
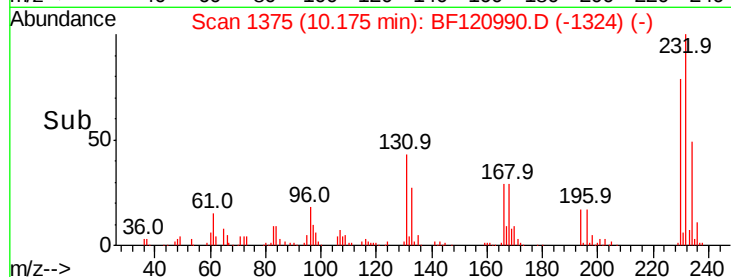
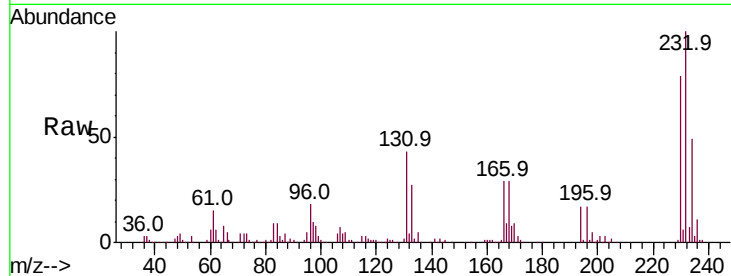
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.342 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	242899		
131	43.9		37.1	55.7
130	2.1		1.7	2.5
166	29.3		24.2	36.4

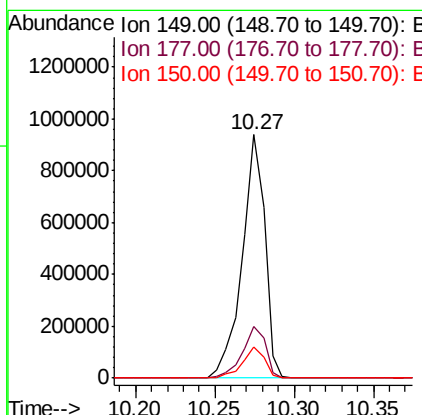
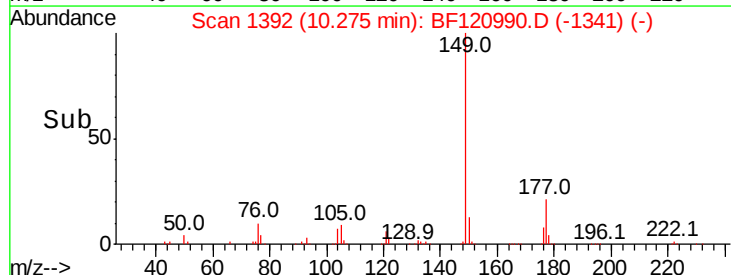
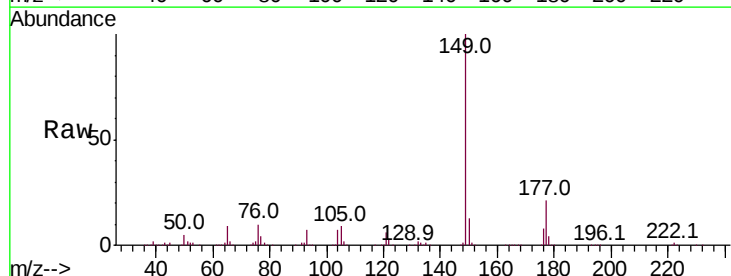
Manual Integrations
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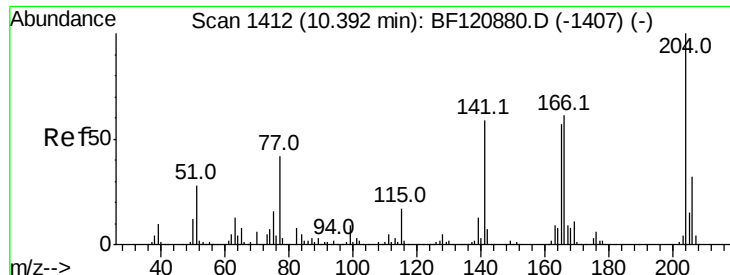
Sohil
 7/24/2020 12:12:16 PM



#60
 Diethylphthalate
 Concen: 40.198 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	927868		
177	21.4		17.1	25.7
150	12.6		10.3	15.5





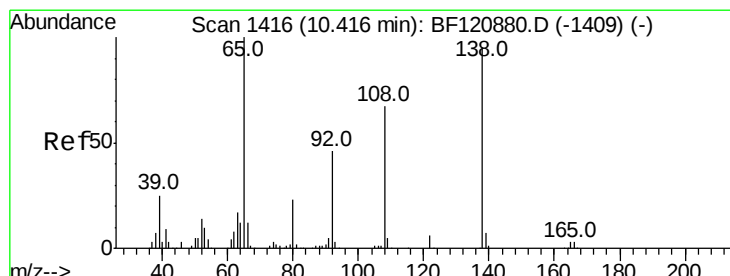
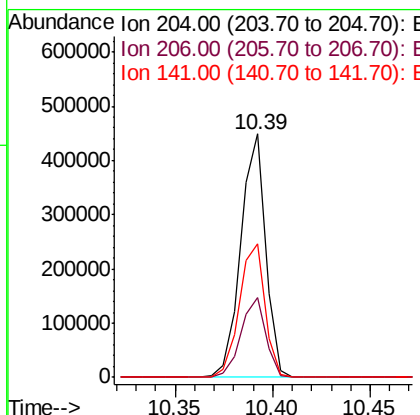
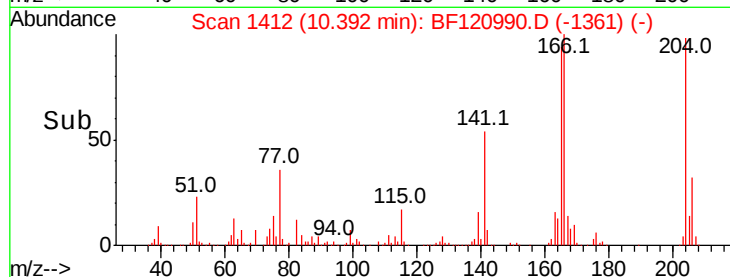
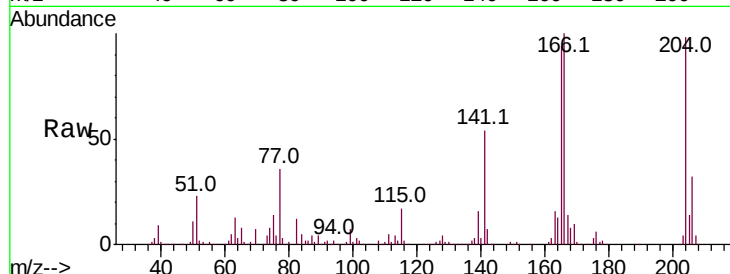
#61
4-Chlorophenyl-phenylether
Concen: 35.382 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.9	38.9
141	54.8	47.2	70.8

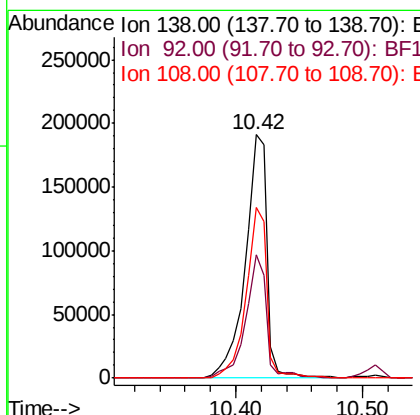
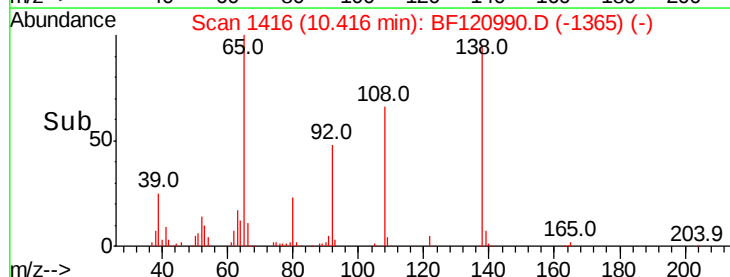
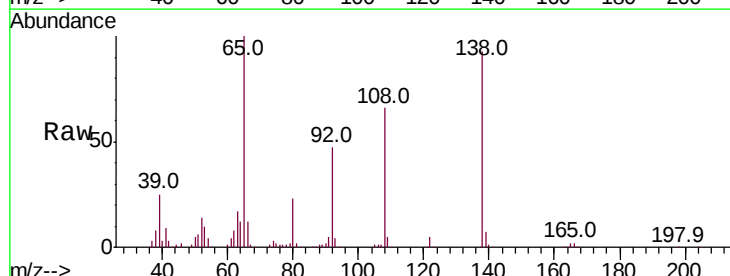
Manual Integrations
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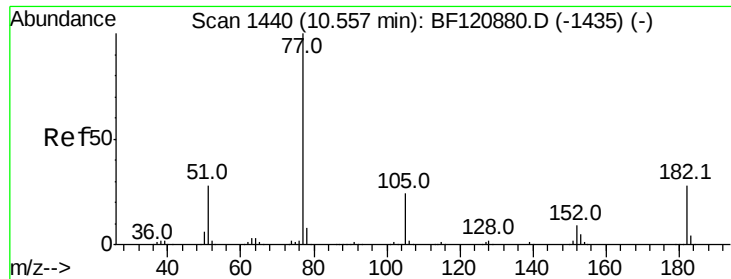
Sohil
7/24/2020 12:12:16 PM



#62
4-Nitroaniline
Concen: 38.087 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	28.6	68.6
108	70.2	51.1	91.1





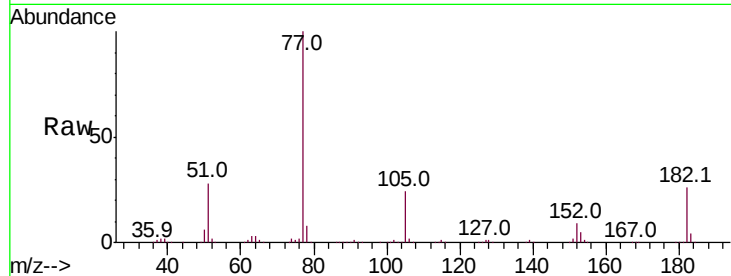
#63
Azobenzene
Concen: 39.856 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

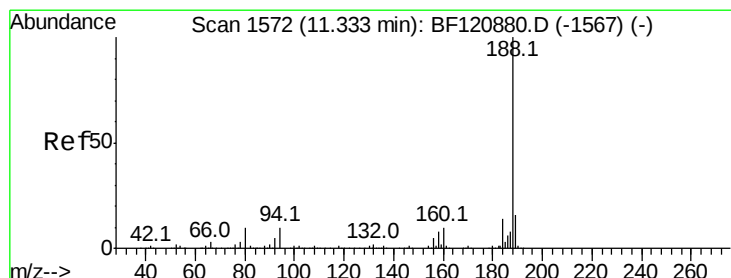
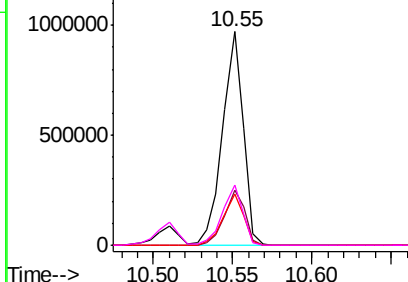
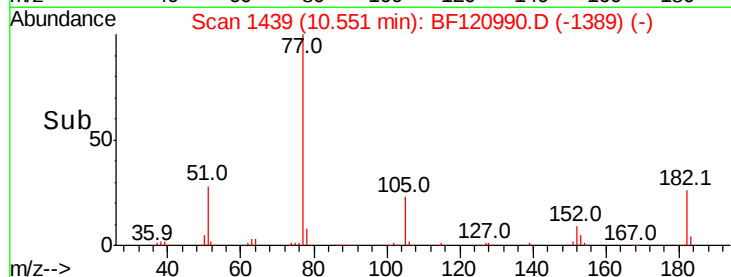
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.0	7.8	47.8	
105	23.9	4.4	44.4	
51	28.2	8.0	48.0	

Manual Integrations
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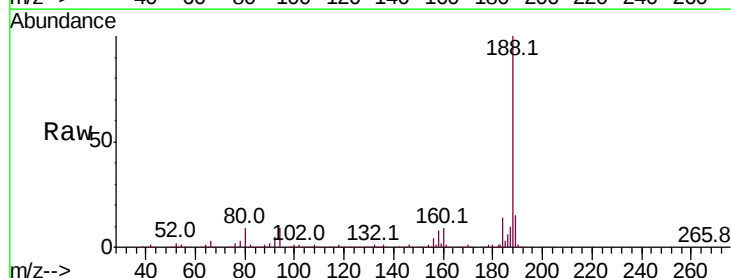


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

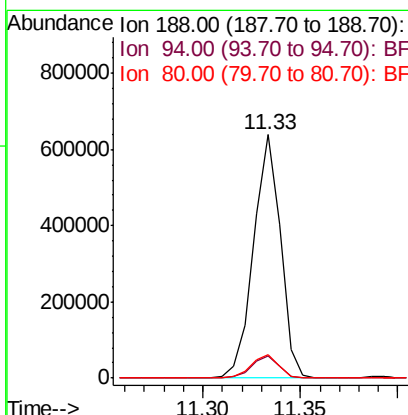
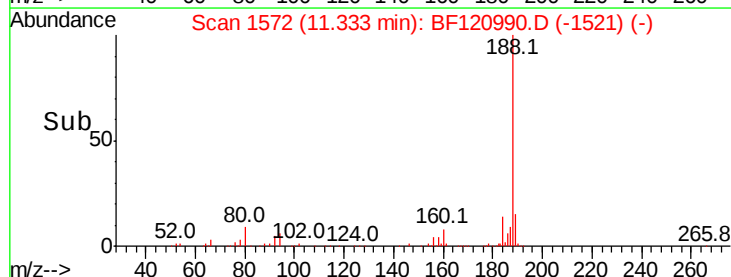


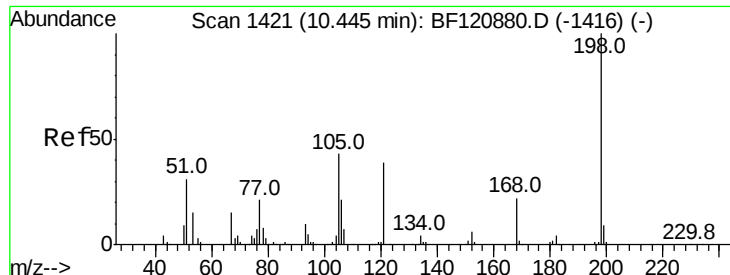
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	8.0	12.0	
80	9.4	8.3	12.5	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





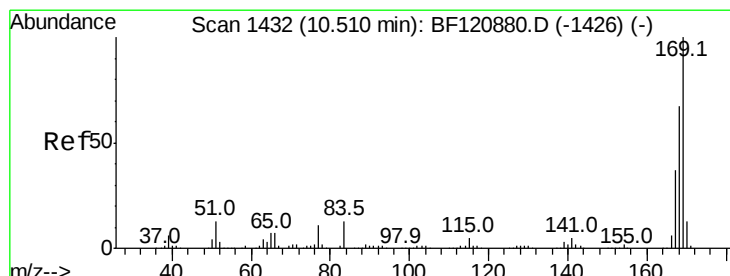
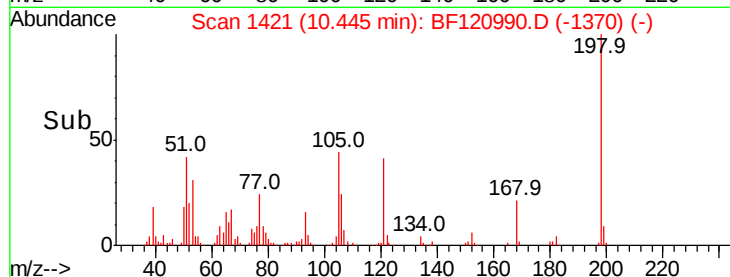
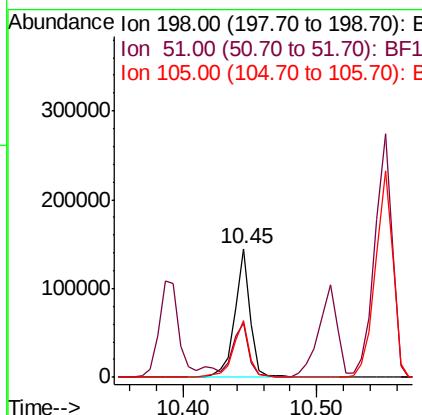
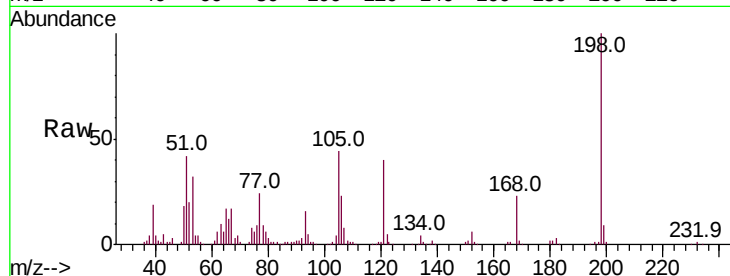
#65
4,6-Dinitro-2-methylphenol
Concen: 34.508 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	42.1	19.5	59.5	
105	44.1	24.4	64.4	

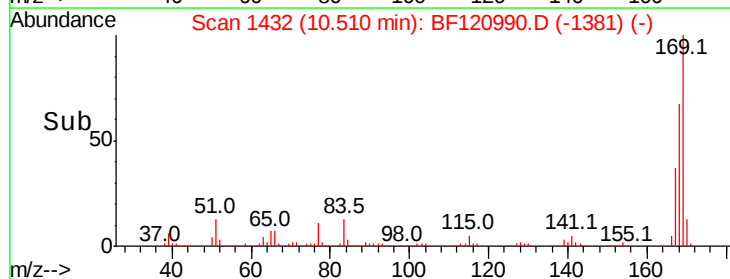
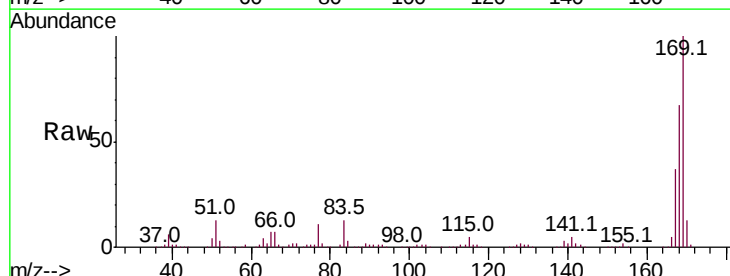
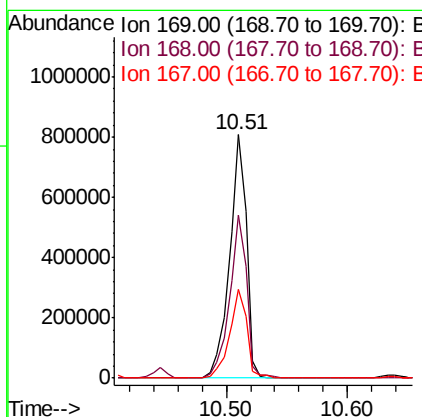
Manual Integrations
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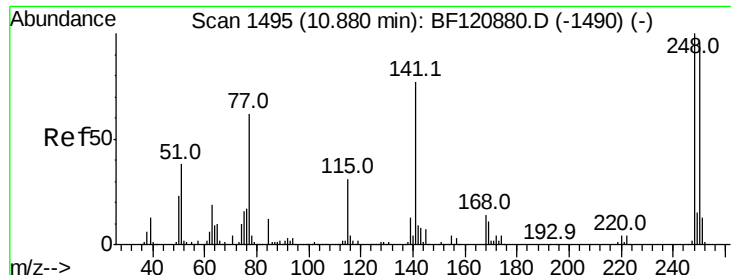
Sohil
7/24/2020 12:12:16 PM



#66
n-Nitrosodiphenylamine
Concen: 40.594 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.7	53.4	80.0	
167	36.7	29.4	44.0	





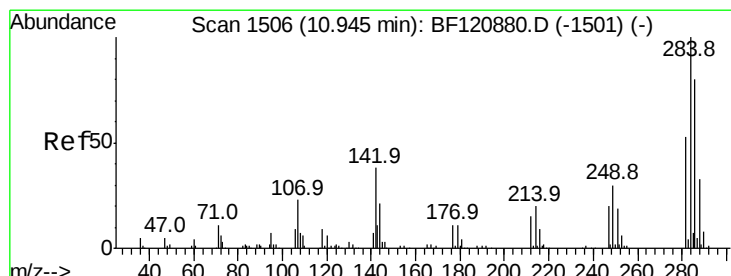
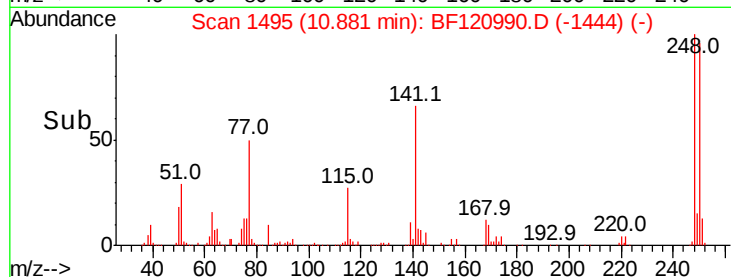
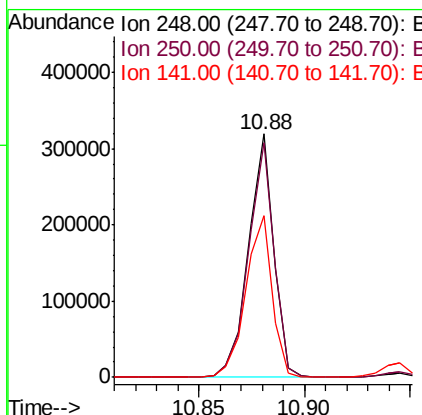
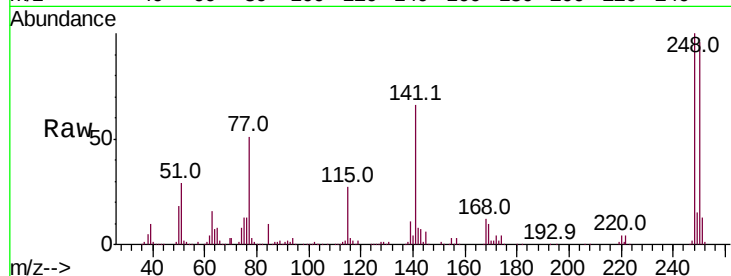
#67
 4-Bromophenyl-phenylether
 Concen: 39.013 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.1	115.7
141	66.4	61.2	91.8

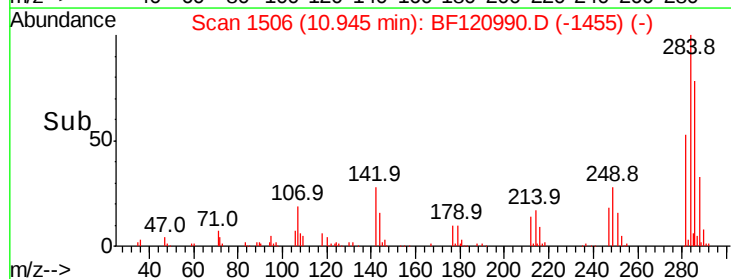
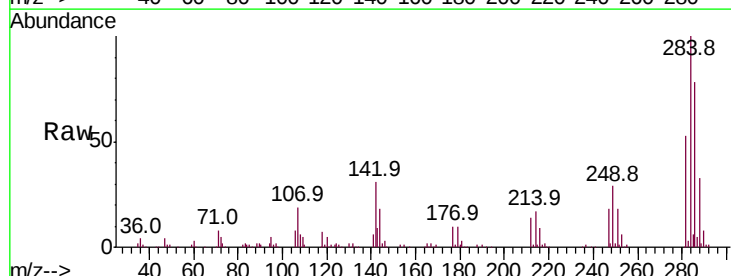
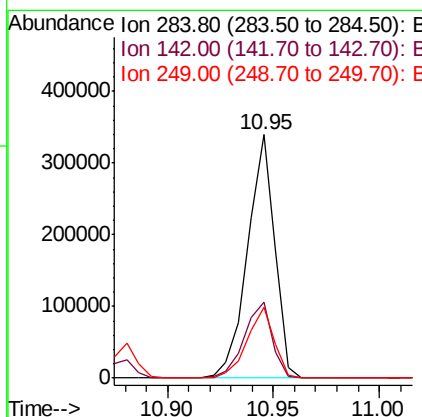
Manual Integrations
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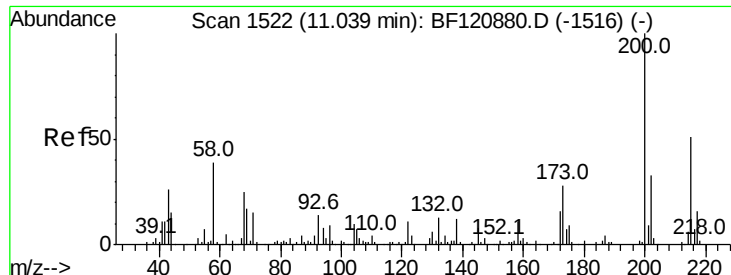
Sohil
 7/24/2020 12:12:16 PM



#68
 Hexachlorobenzene
 Concen: 41.128 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	30.2	45.2
249	29.3	24.2	36.2





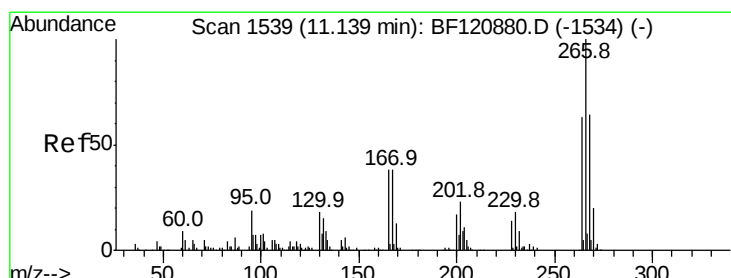
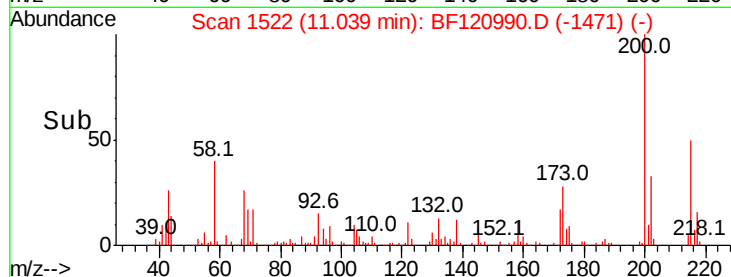
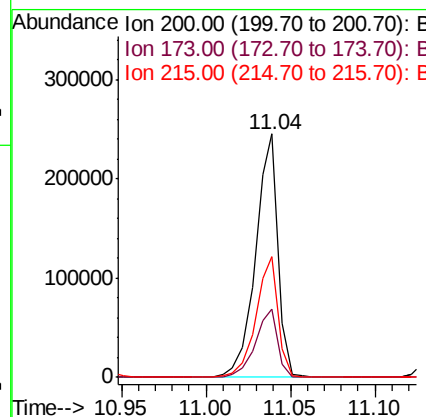
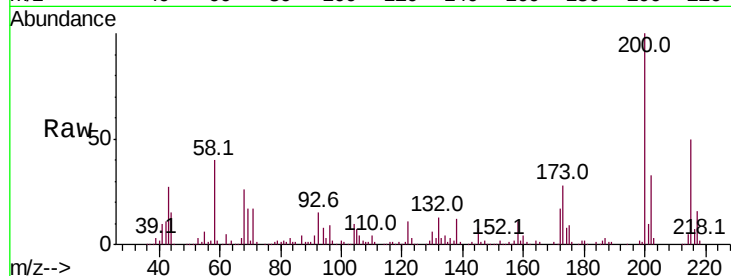
#69
Atrazine
Concen: 47.623 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.0	48.0
215	49.8	31.5	71.5

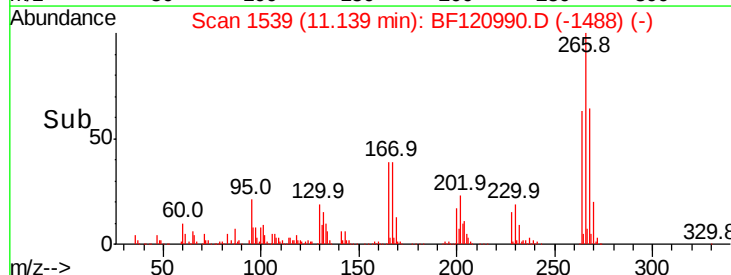
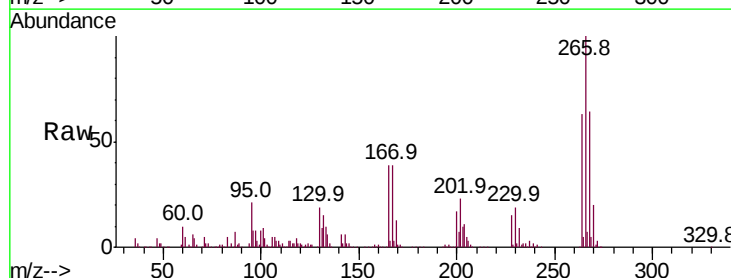
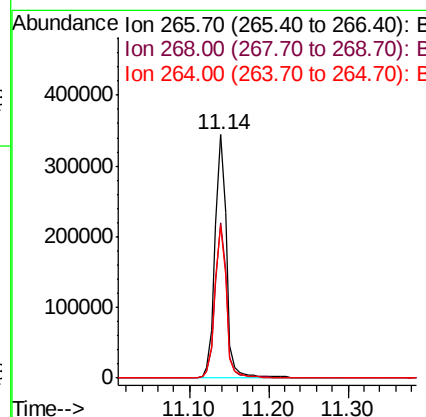
Manual Integrations
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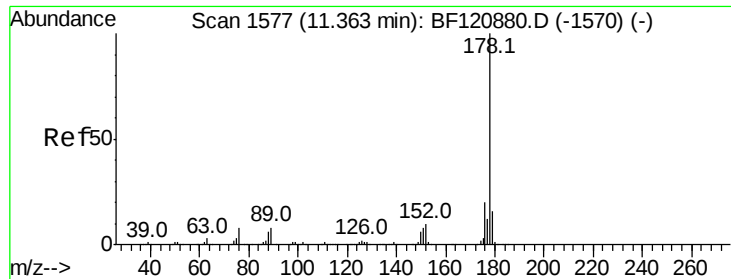
Sohil
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#70
Pentachlorophenol
Concen: 82.455 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	62.6	50.2	75.2





#71

Phenanthrene

Concen: 39.424 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

PB130431BS

Tot Ion:178 Resp: 1242789

Ion Ratio Lower Upper

178 100

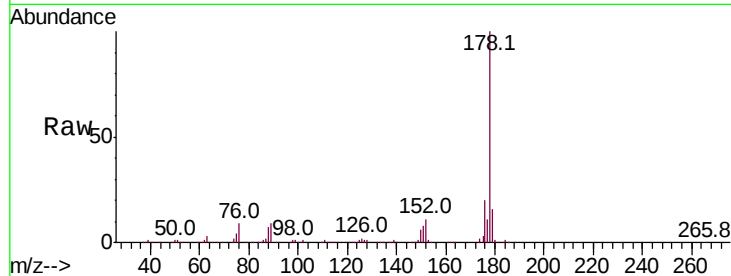
176 20.2 16.2 24.4

179 15.9 12.8 19.2

Manual Integrations
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Sohil

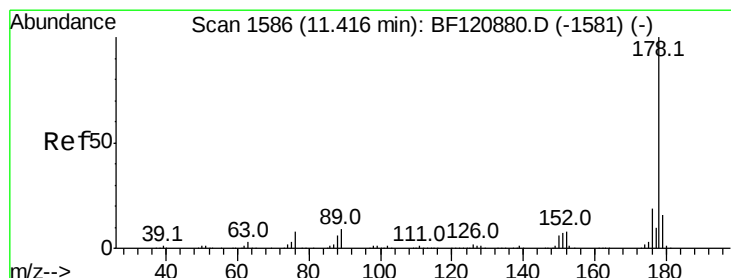
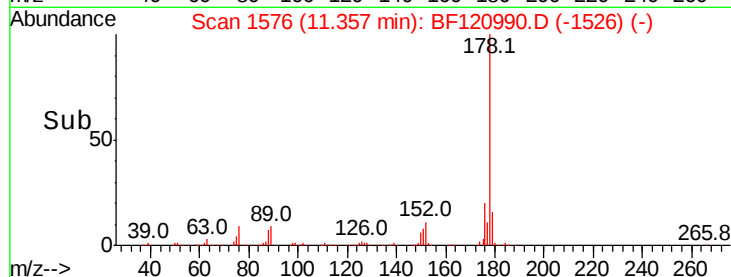
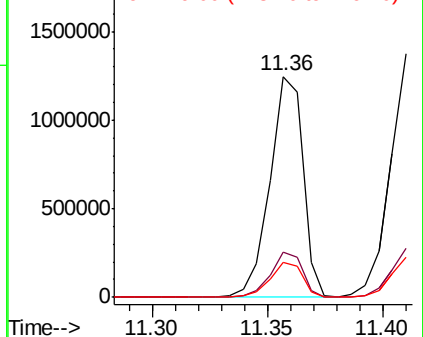
7/24/2020 12:12:16 PM



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: 40.803 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

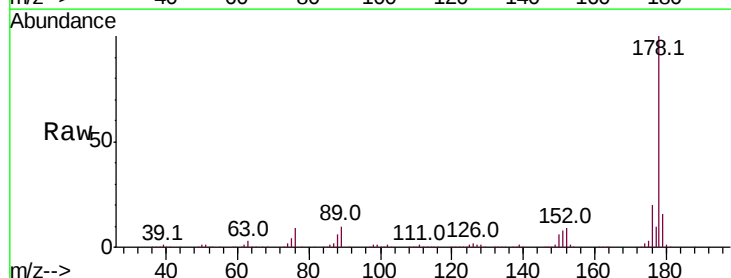
Tgt Ion:178 Resp: 1291593

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

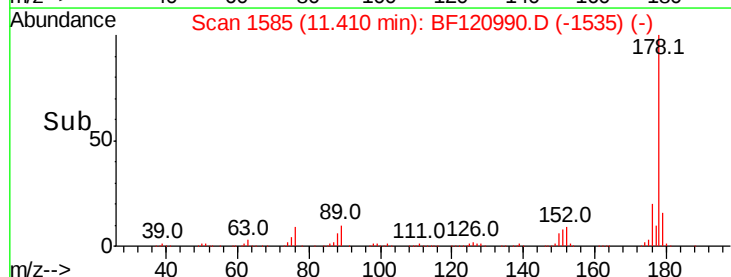
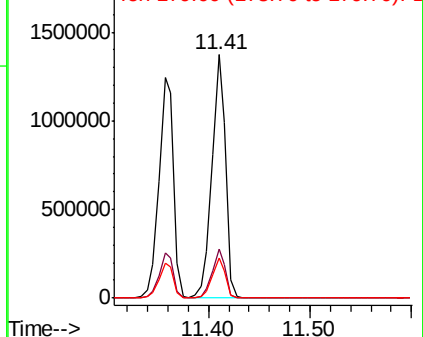
179 16.2 12.8 19.2

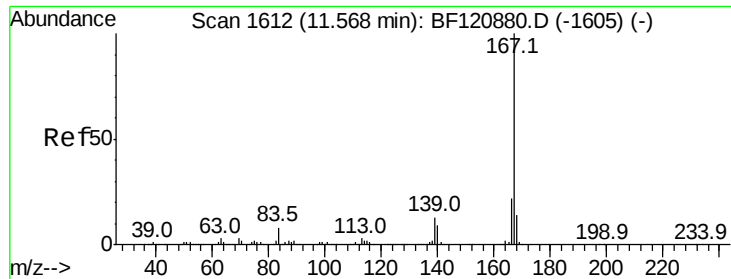


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





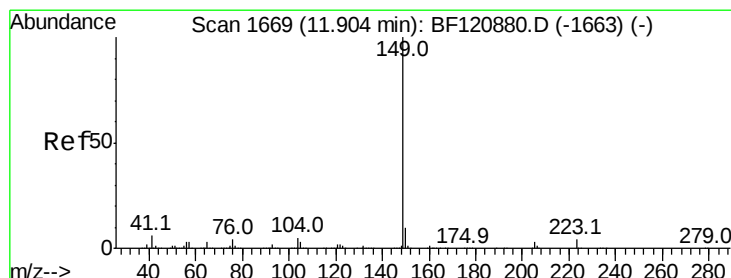
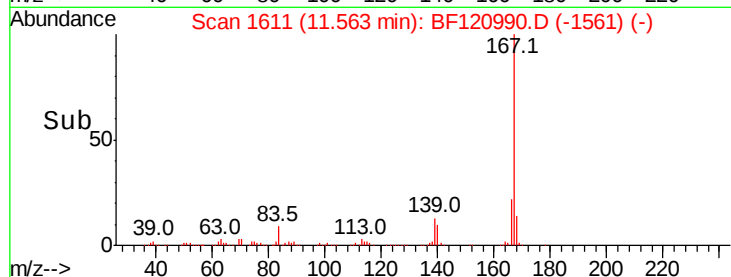
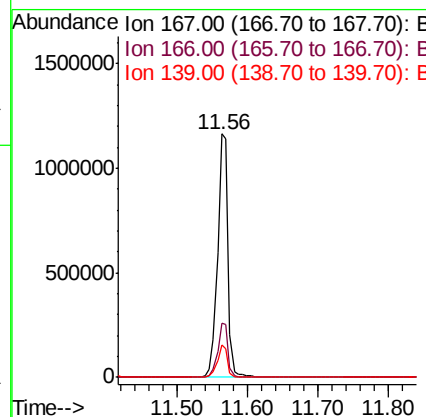
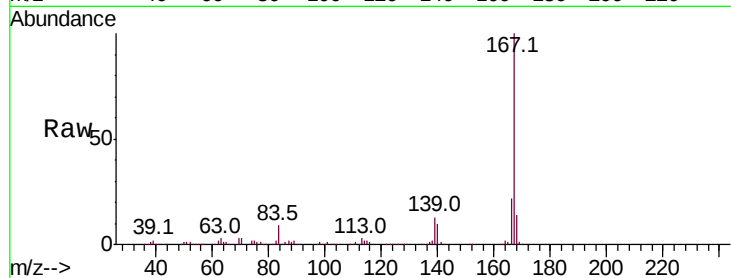
#73
 Carbazole
 Concen: 38.667 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BS

Tot Ion:167 Resp: 1214673
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.1 10.1 15.1

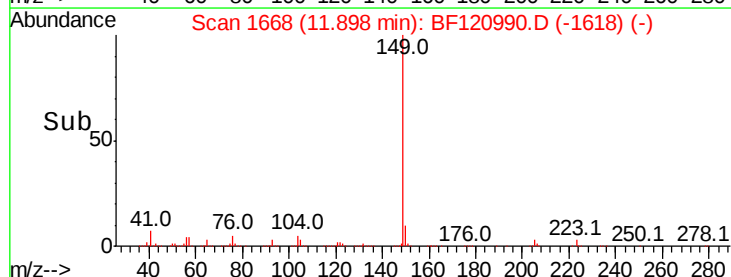
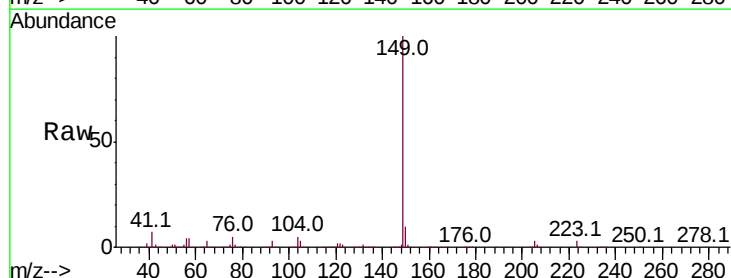
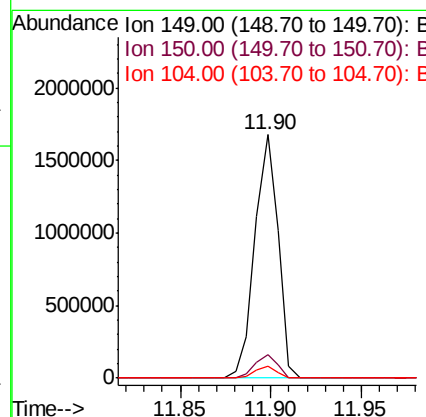
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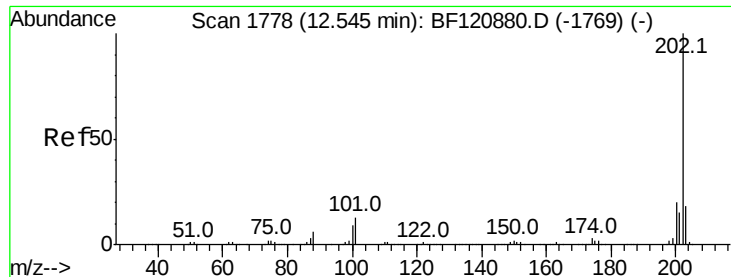
Sohil
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#74
 Di-n-butylphthalate
 Concen: 41.265 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion:149 Resp: 1495929
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.9 3.8 5.6





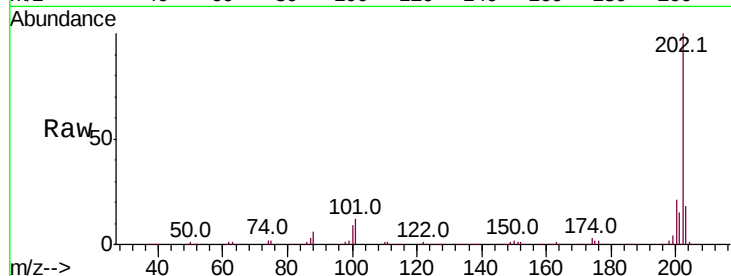
#75
Fluoranthene
 Concen: 39.317 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BS

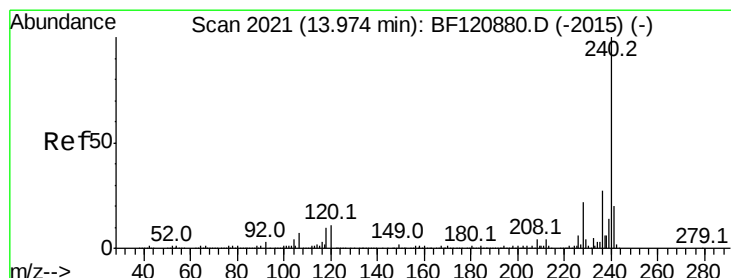
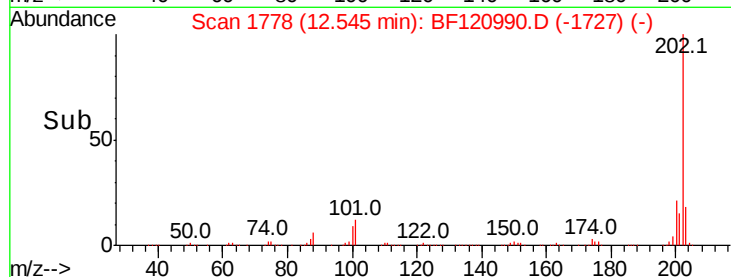
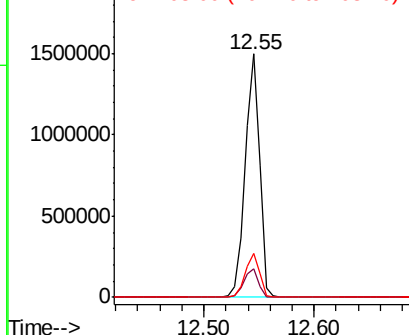
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.7
203	18.1	0.0	38.0

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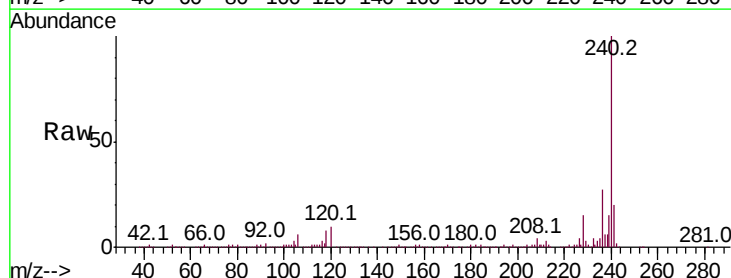


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

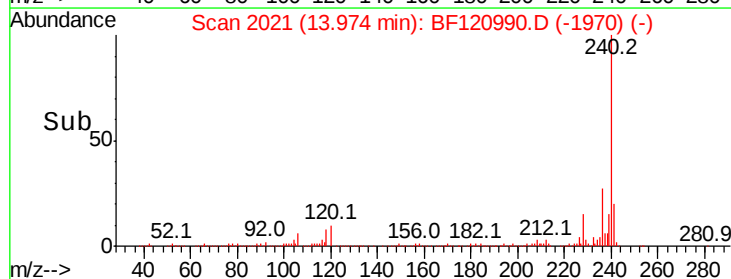
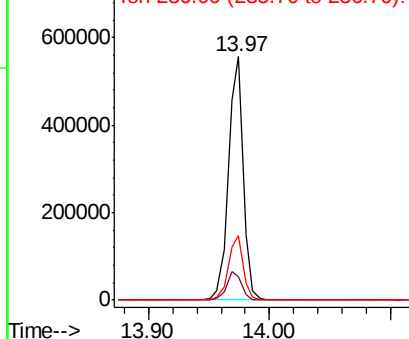


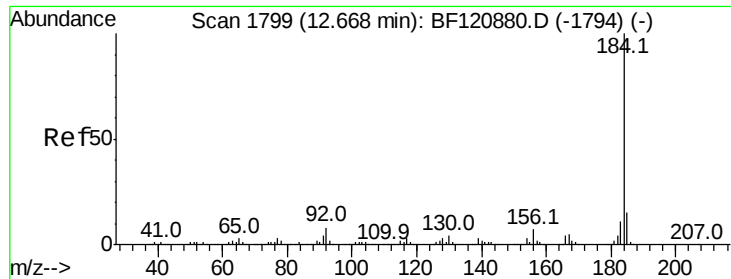
#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.0	13.4
236	26.7	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 62.691 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

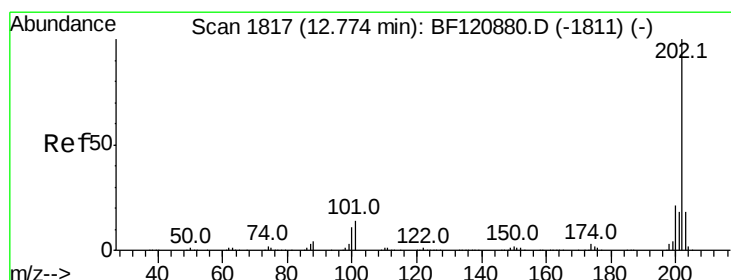
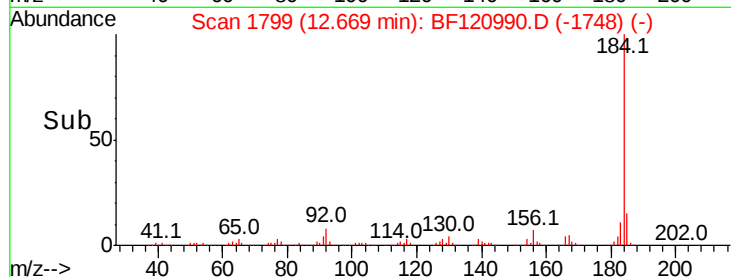
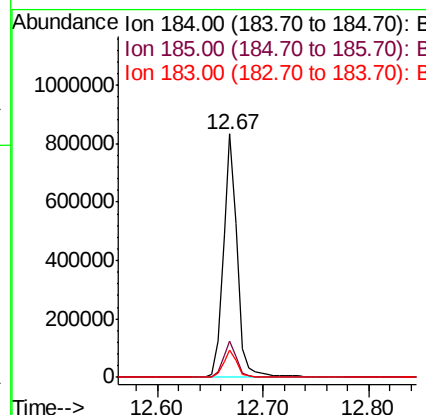
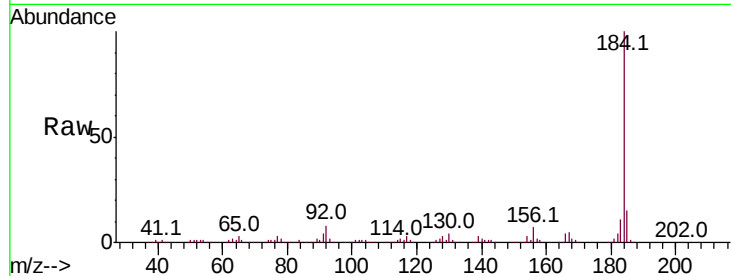
ClientSampled :

PB130431BS

Tot Ion:	184	Resp:	778010
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	11.1	8.5	12.7

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#78

Pyrene

Concen: 41.922 ng

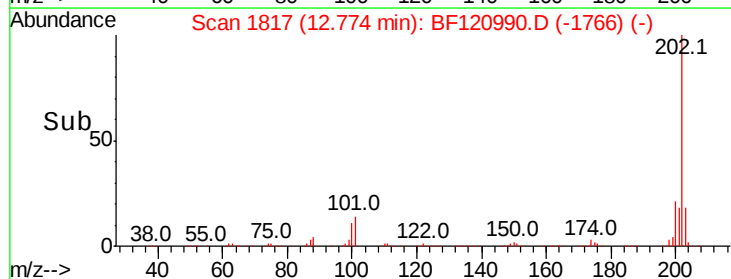
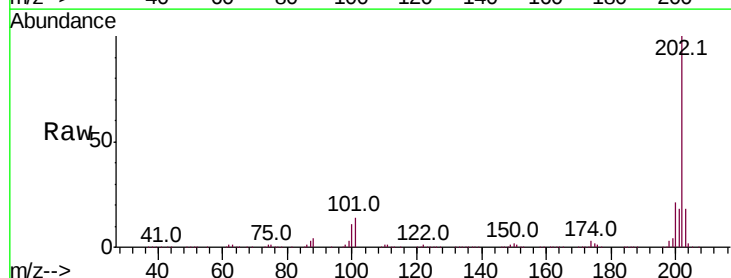
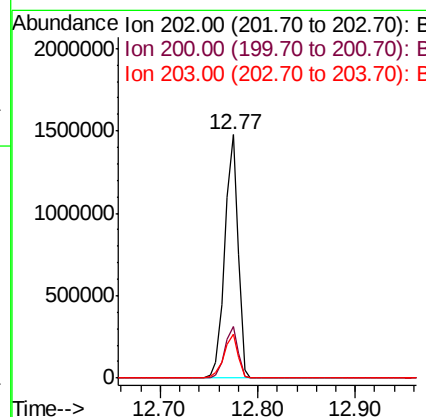
RT: 12.77 min Scan# 1817

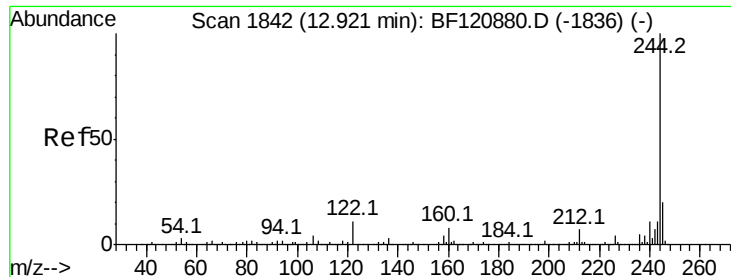
Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Tgt Ion:	202	Resp:	1399036
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.4
203	18.1	14.4	21.6





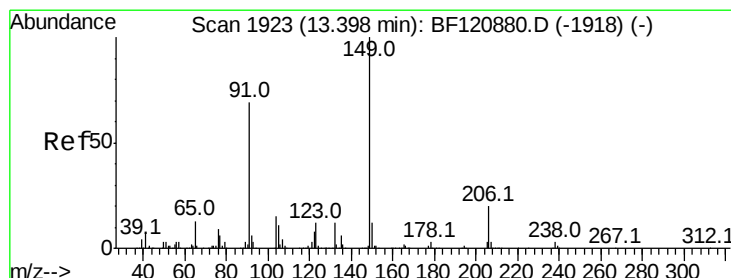
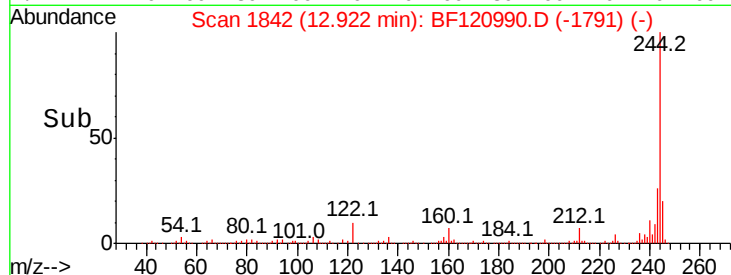
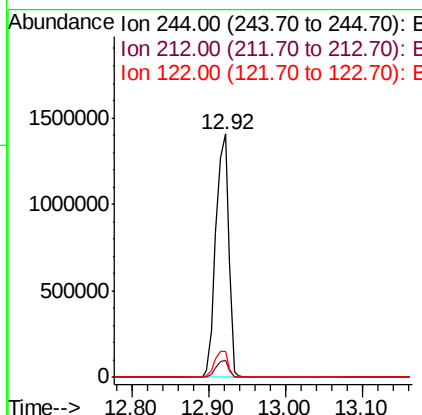
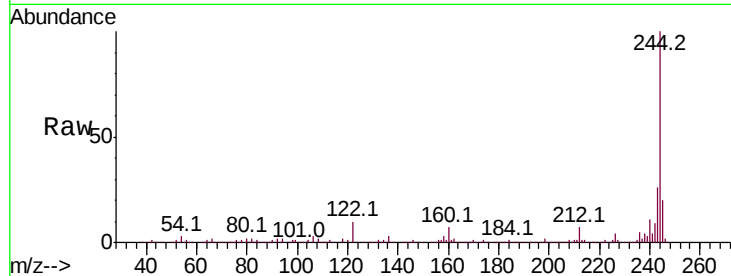
#79
 Terphenyl-d14
 Concen: 74.059 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BS

Tot Ion:244 Resp: 1608143
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.5 8.9 13.3

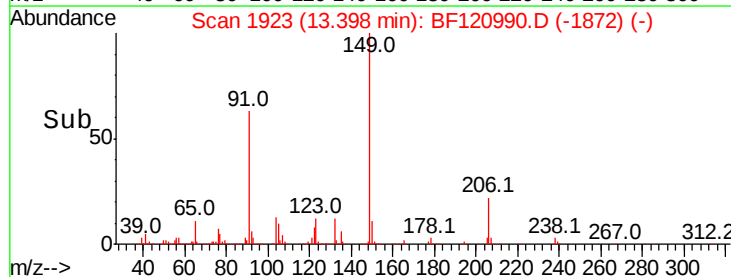
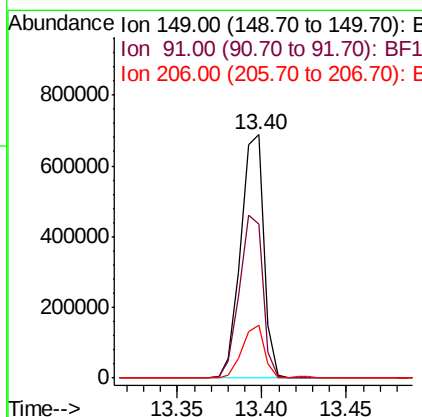
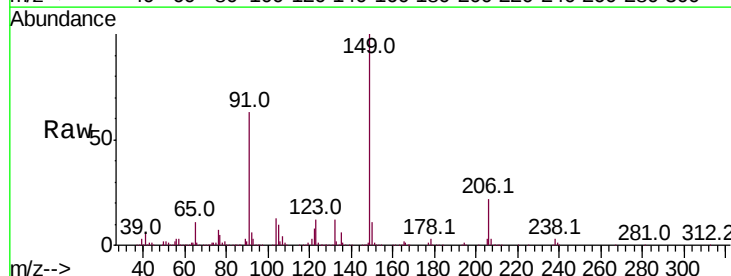
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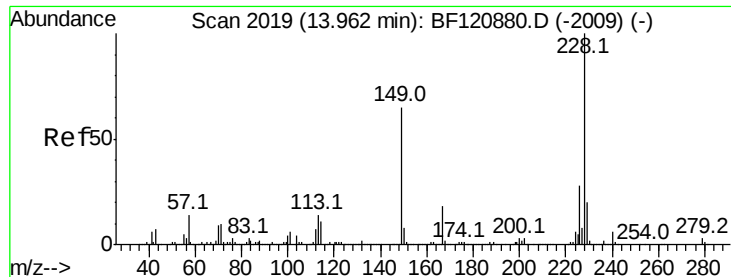
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#80
 Butylbenzylphthalate
 Concen: 44.400 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion:149 Resp: 660527
 Ion Ratio Lower Upper
 149 100
 91 63.1 55.1 82.7
 206 21.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.299 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

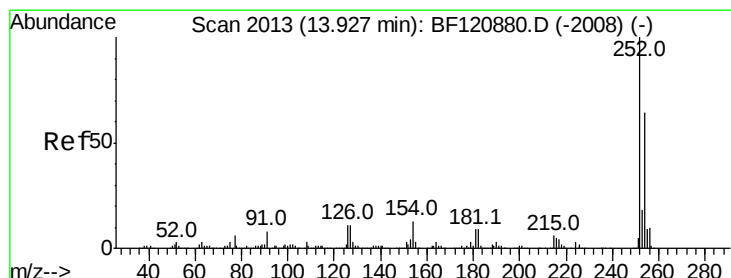
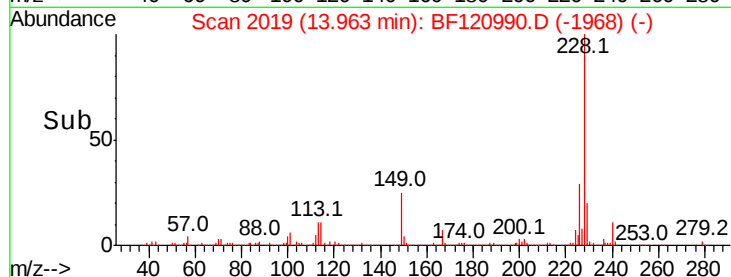
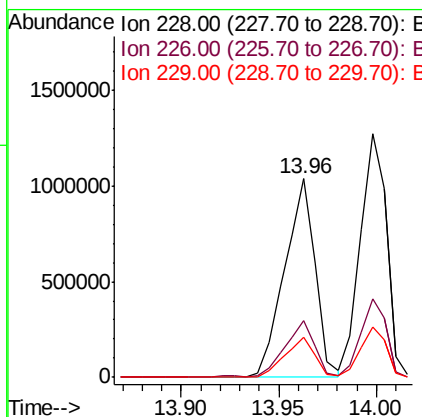
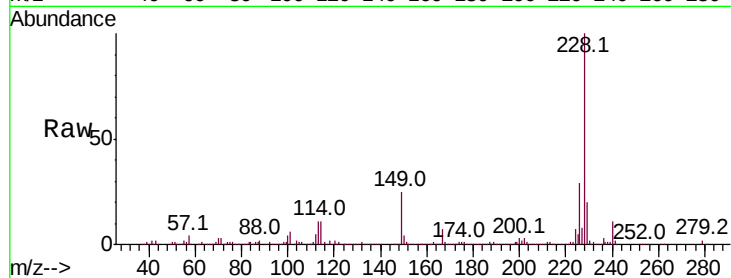
ClientSampleId :

PB130431BS

Tot Ion:	228	Resp:	1123306
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	20.3	16.1	24.1

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#82

3,3'-Dichlorobenzidine

Concen: 38.557 ng

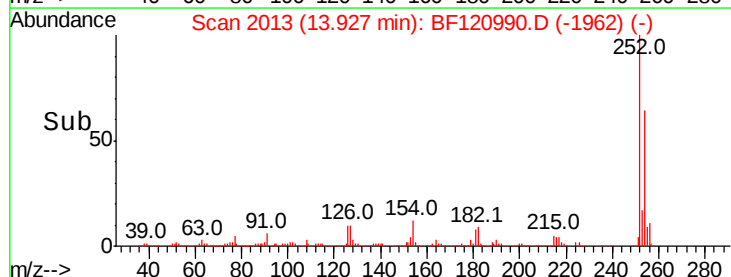
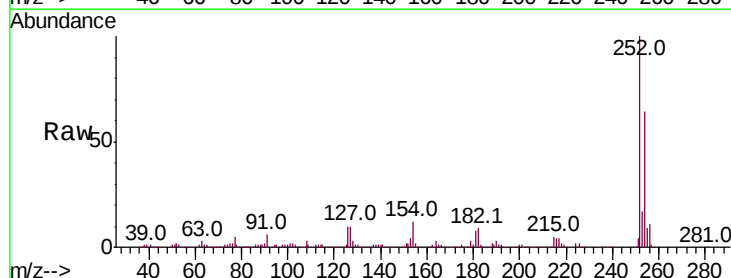
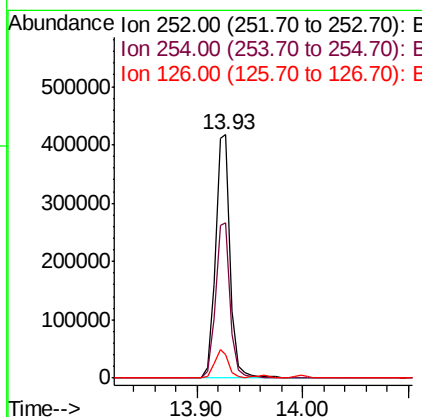
RT: 13.93 min Scan# 2013

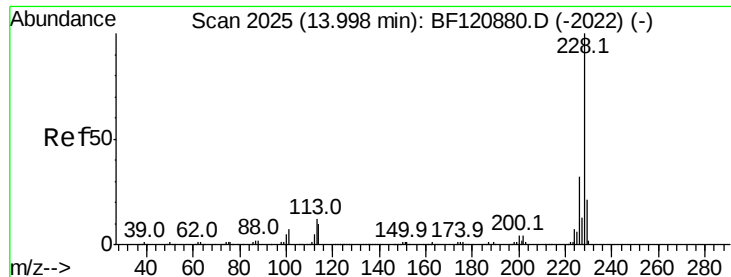
Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Tgt Ion:	252	Resp:	415782
Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.2	76.8
126	9.8	8.7	13.1





#83

Chrysene

Concen: 39.874 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

PB130431BS

Tot Ion:228 Resp: 1197736

Ion Ratio Lower Upper

228 100

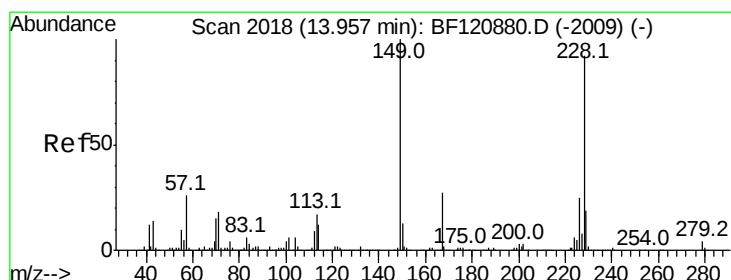
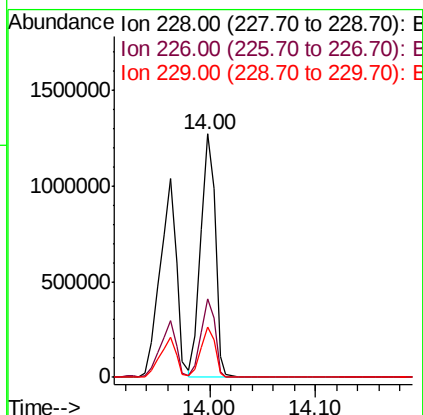
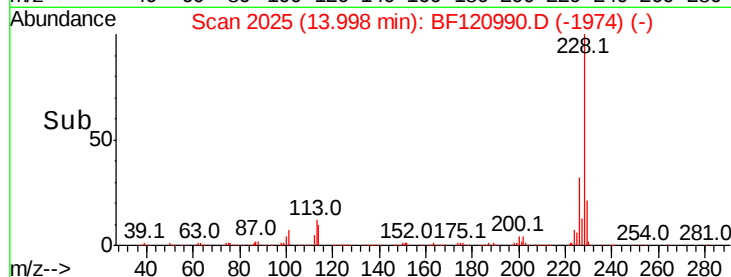
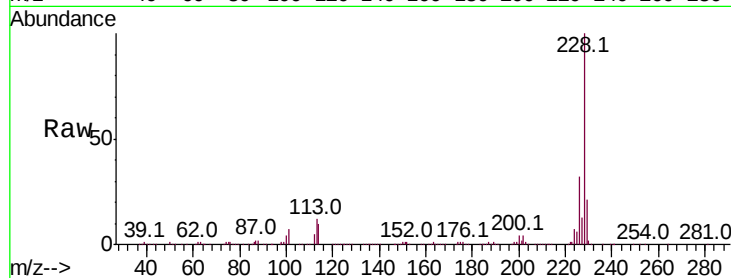
226 32.1 25.6 38.4

229 20.9 16.8 25.2

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#84

Bis(2-ethylhexyl)phthalate

Concen: 44.764 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

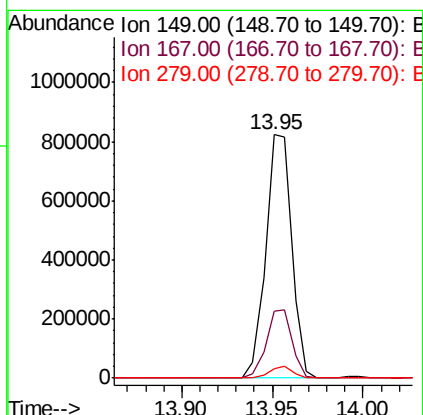
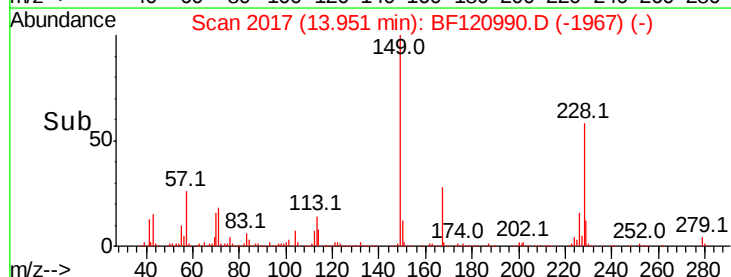
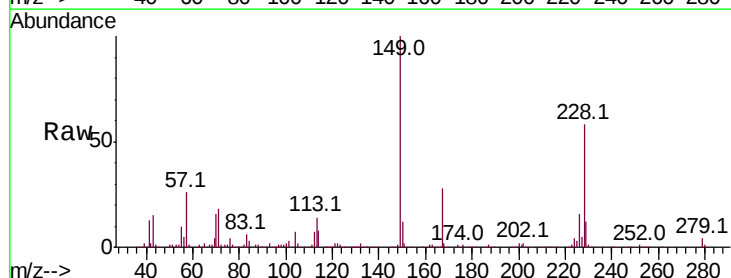
Tgt Ion:149 Resp: 821198

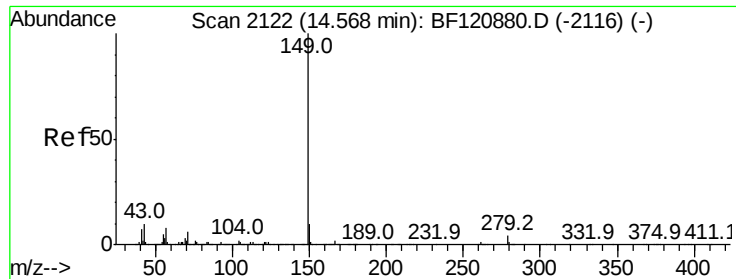
Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 3.6 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 44.685 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

Instrument :

BNA_F

ClientSampleId :

PB130431BS

Tot Ion:149 Resp: 1630888

Ion Ratio Lower Upper

149 100

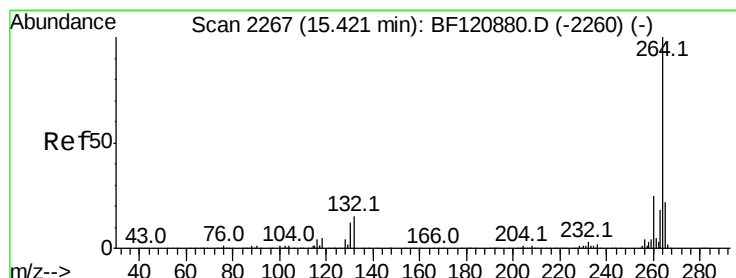
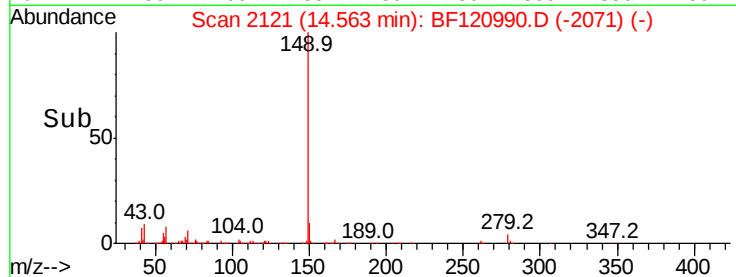
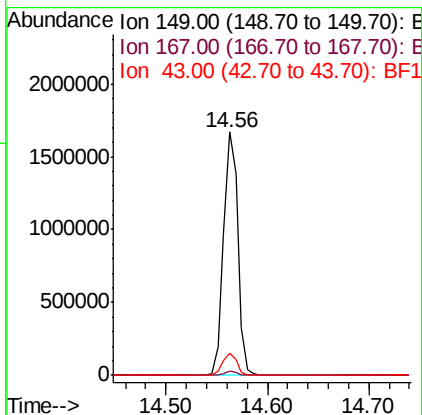
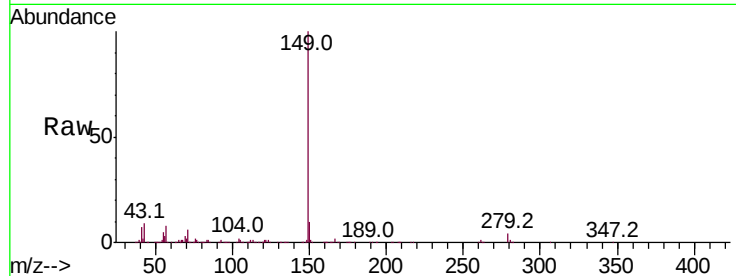
167 1.6 1.3 1.9

43 8.9 7.6 11.4

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120990.D

Acq: 23 Jul 2020 19:54

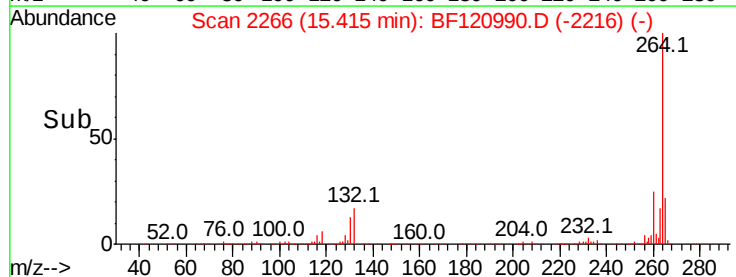
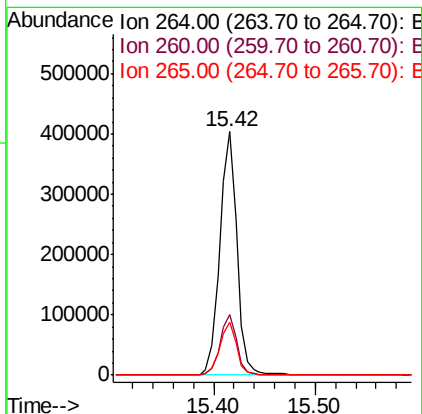
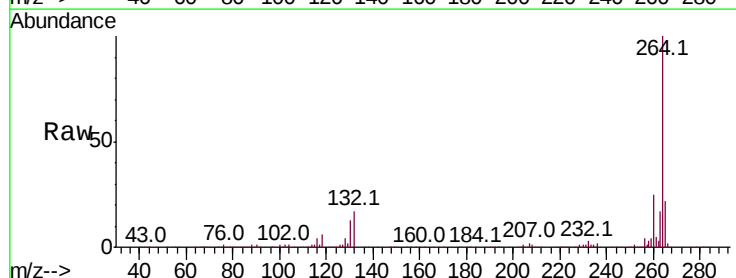
Tgt Ion:264 Resp: 473845

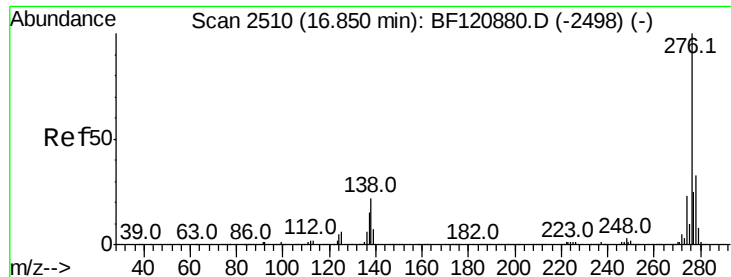
Ion Ratio Lower Upper

264 100

260 24.7 20.0 30.0

265 21.8 17.4 26.2





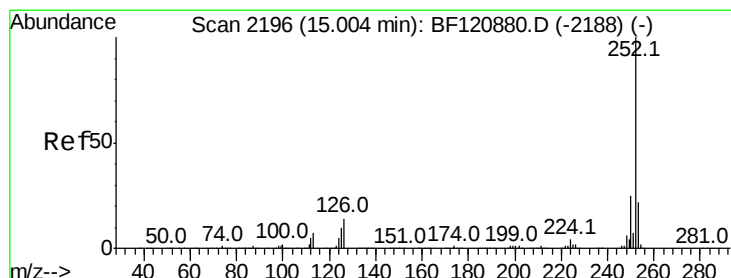
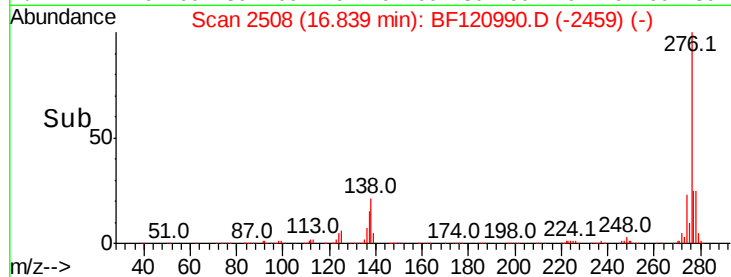
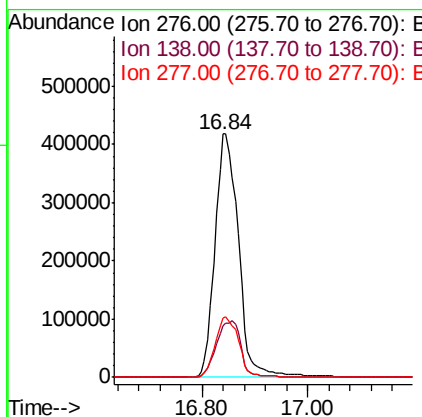
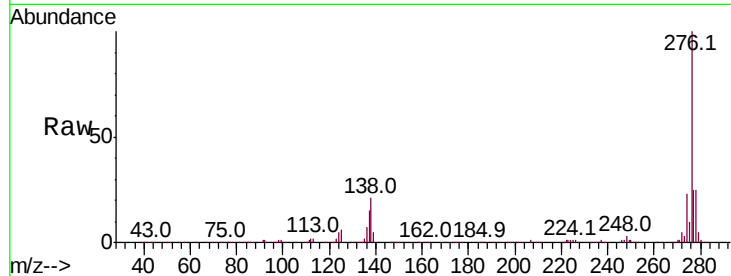
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.281 ng
 RT: 16.84 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Instrument :
 BNA_F
 ClientSampled :
 PB130431BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.8	29.8
277	25.1	20.2	30.2

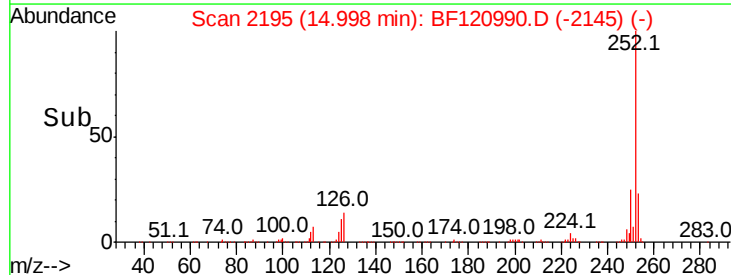
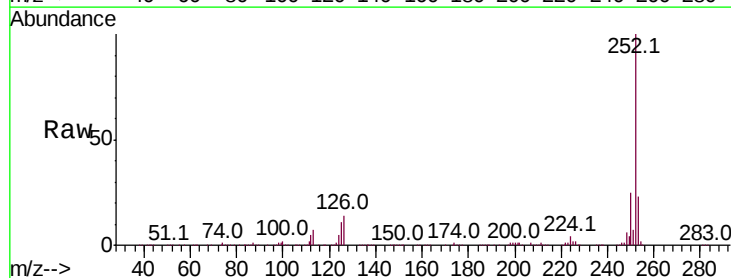
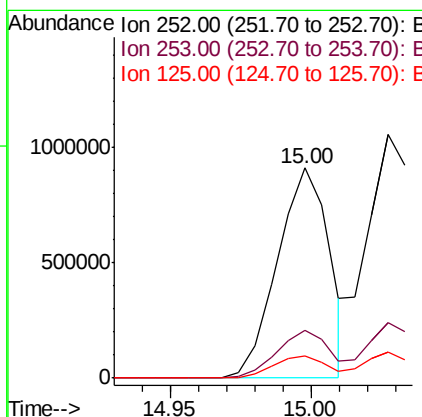
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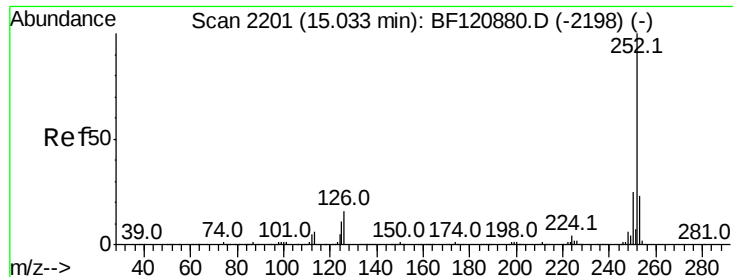
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#88
 Benzo(b)fluoranthene
 Concen: 40.738 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BF120990.D
 Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.6	8.3	12.5





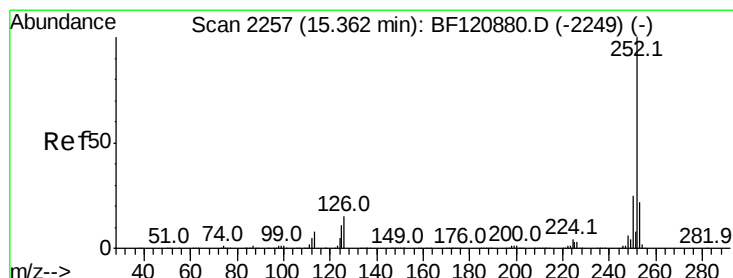
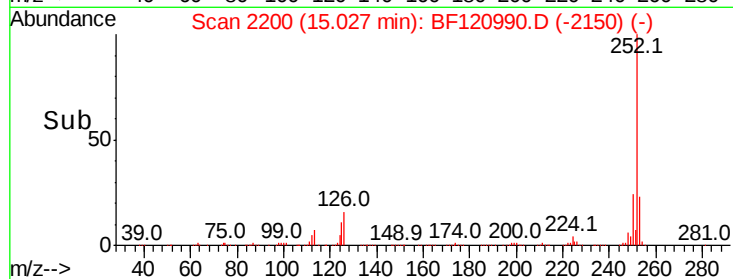
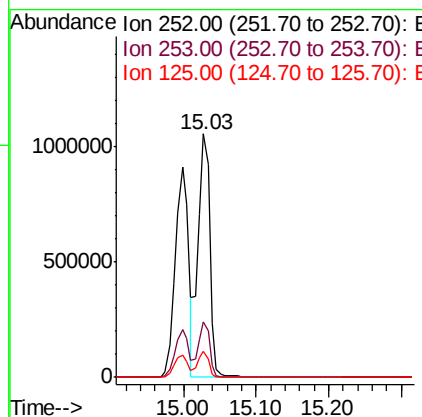
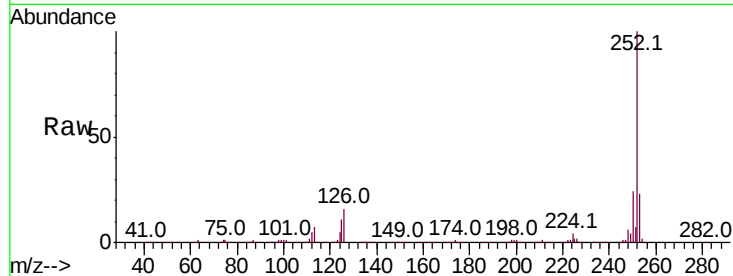
#89
Benzo(k)fluoranthene
Concen: 45.644 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.8	8.4	12.6

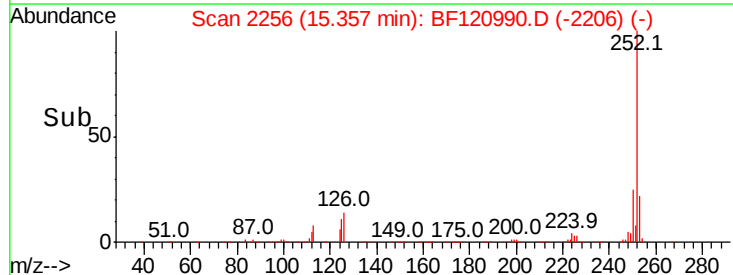
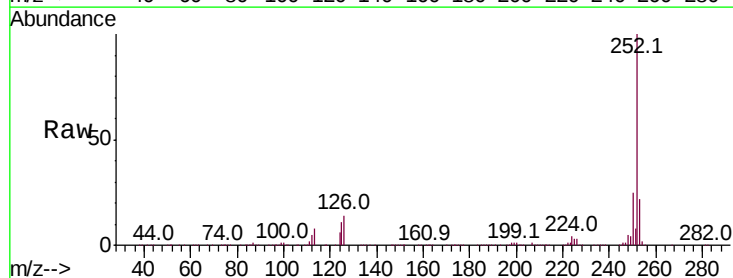
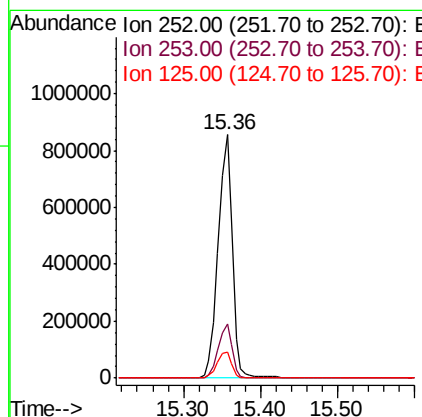
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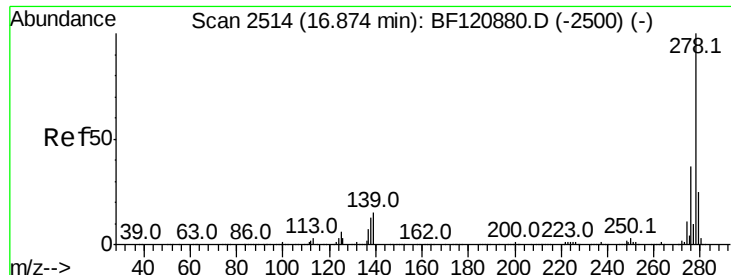
Sohil
7/24/2020 12:12:16 PM



#90
Benzo(a)pyrene
Concen: 41.603 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.7	8.9	13.3





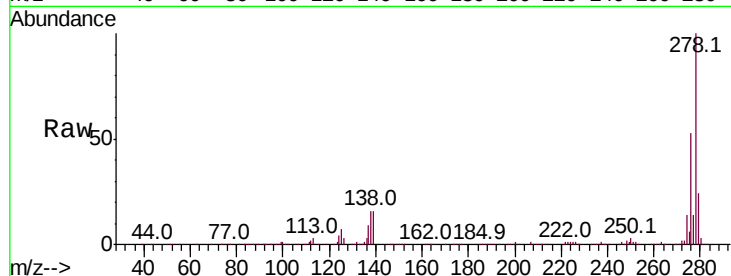
#91
Dibenzo(a,h)anthracene
Concen: 40.570 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.3	18.5
279	24.1	20.1	30.1

Manual Integrations
APPROVED

Sohil
7/24/2020 12:12:16 PM

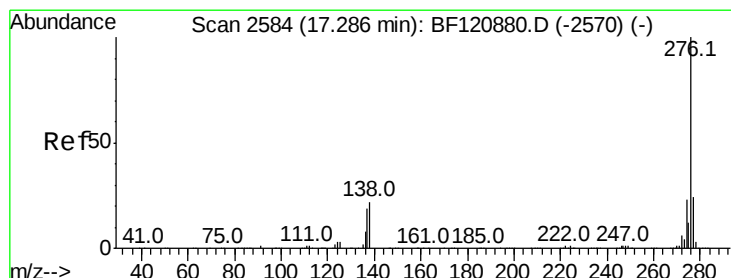
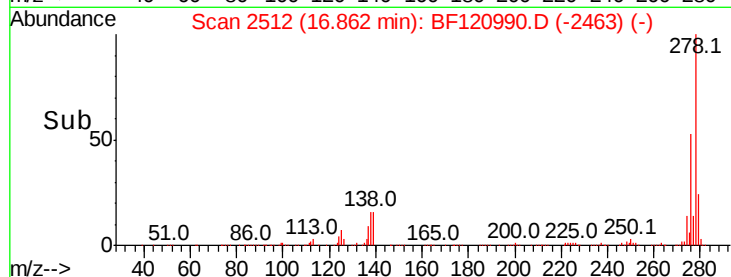
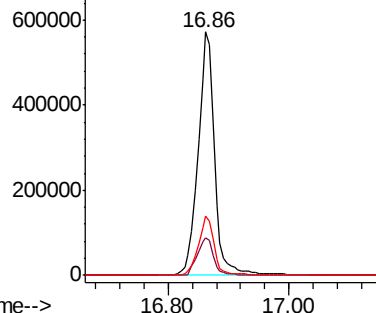


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.800 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF120990.D
Acq: 23 Jul 2020 19:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.1	17.5	26.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

