

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121426.D
 Acq On : 25 Aug 2020 14:23
 Operator : JU/CG
 Sample : L3784-16MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Quant Time: Aug 25 15:12:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	152130	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	618592	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	335723	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	670230	20.00	ng	0.00
76) Chrysene-d12	13.86	240	548811	20.00	ng	0.02
86) Perylene-d12	15.27	264	655323	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	817471	88.11	ng	0.02
7) Phenol-d6	6.35	99	966764	81.63	ng	0.01
23) Nitrobenzene-d5	7.27	82	677185	61.91	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	323683	82.74	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1186570	64.77	ng	0.00
79) Terphenyl-d14	12.80	244	1274436	45.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	151335	36.047	ng	99
3) Pyridine	3.06	79	380628	33.780	ng	100
4) n-Nitrosodimethylamine	3.02	42	188750	41.155	ng	99
6) Aniline	6.36	93	388966	28.442	ng	# 76
8) 2-Chlorophenol	6.49	128	419123	43.223	ng	99
9) Benzaldehyde	6.25	77	241331	36.220	ng	97
10) Phenol	6.36	94	476215	38.347	ng	99
11) bis(2-Chloroethyl)ether	6.43	93	392323	41.019	ng	99
12) 1,3-Dichlorobenzene	6.63	146	411438	37.872	ng	99
13) 1,4-Dichlorobenzene	6.72	146	418544	38.163	ng	98
14) 1,2-Dichlorobenzene	6.86	146	396034	37.918	ng	99
15) Benzyl Alcohol	6.85	79	331465	46.514	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	509296	36.165	ng	76
17) 2-Methylphenol	6.97	107	324770	40.591	ng	# 93
18) Hexachloroethane	7.20	117	154122	37.741	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	259695	40.770	ng	99
20) 3+4-Methylphenols	7.13	107	411564	53.447	ng	# 78
22) Acetophenone	7.11	105	544073	37.621	ng	# 94
24) Nitrobenzene	7.29	77	414199	37.156	ng	97
25) Isophorone	7.53	82	767019	38.534	ng	98
26) 2-Nitrophenol	7.60	139	230085	40.244	ng	94
27) 2,4-Dimethylphenol	7.65	122	362856	44.478	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	484134	35.730	ng	99
29) 2,4-Dichlorophenol	7.85	162	347691	39.036	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	360863	35.429	ng	99
31) Naphthalene	8.00	128	1119050	36.348	ng	99
32) Benzoic acid	7.80	122	223883	36.999	ng	99
33) 4-Chloroaniline	8.06	127	275552	20.212	ng	99
34) Hexachlorobutadiene	8.12	225	205204	34.043	ng	99
35) Caprolactam	8.44	113	78947	27.064	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	361986	40.183	ng	99
37) 2-Methylnaphthalene	8.69	142	766644	38.419	ng	100
38) 1-Methylnaphthalene	8.79	142	711861	37.519	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	359559	36.085	ng	99

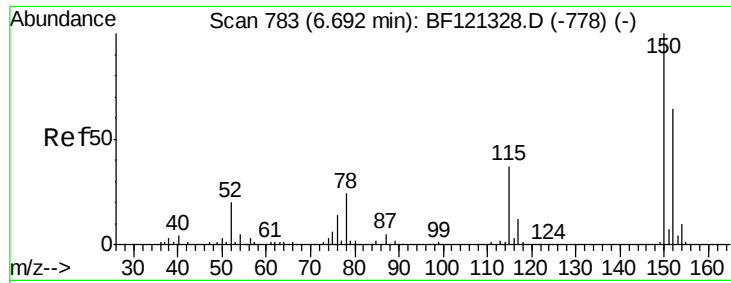
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	257623	66.419	nq	99
43) 2,4,6-Trichlorophenol	8.98	196	250824	36.821	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	269830	38.501	nq	98
46) 1,1'-Biphenyl	9.16	154	923000	36.681	nq	99
47) 2-Chloronaphthalene	9.18	162	722277	34.841	nq	99
48) 2-Nitroaniline	9.29	65	240048	36.777	nq	93
49) Acenaphthylene	9.60	152	1143968	37.152	nq	99
50) Dimethylphthalate	9.46	163	1030789	42.203	nq	100
51) 2,6-Dinitrotoluene	9.53	165	199783	38.300	nq	92
52) Acenaphthene	9.77	154	667244	35.664	nq	98
53) 3-Nitroaniline	9.70	138	146410	22.437	nq	98
54) 2,4-Dinitrophenol	9.82	184	210301	83.626	nq	97
55) Dibenzofuran	9.94	168	971104	40.076	nq	98
56) 4-Nitrophenol	9.89	139	291943	72.544	nq	98
57) 2,4-Dinitrotoluene	9.94	165	235457	37.000	nq	# 89
58) Fluorene	10.28	166	763878	43.249	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	235088	39.240	nq	99
60) Diethylphthalate	10.16	149	878516	36.834	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	366251	40.830	nq	98
62) 4-Nitroaniline	10.32	138	232010	34.700	nq	99
63) Azobenzene	10.43	77	817909	36.921	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	153666	42.871	nq	92
66) n-Nitrosodiphenylamine	10.40	169	751504	36.351	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	260329	35.016	nq	99
68) Hexachlorobenzene	10.83	284	291982	34.071	nq	93
69) Atrazine	10.93	200	217905	34.025	nq	100
70) Pentachlorophenol	11.03	266	309730	81.231	nq	99
71) Phenanthrene	11.24	178	1247557	35.965	nq	100
72) Anthracene	11.30	178	1242473	37.196	nq	99
73) Carbazole	11.45	167	1192432	37.405	nq	100
74) Di-n-butylphthalate	11.78	149	1387016	36.081	nq	100
75) Fluoranthene	12.43	202	1486561	39.483	nq	99
77) Benzidine	12.56	184	767091	50.733	nq	99
78) Pyrene	12.66	202	1506686	36.548	nq	99
80) Butylbenzylphthalate	13.27	149	631673	35.659	nq	98
81) Benzo(a)anthracene	13.85	228	1272835	37.341	nq	98
82) 3,3'-Dichlorobenzidine	13.82	252	408193	31.189	nq	# 98
83) Chrysene	13.89	228	1275937	36.599	nq	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	770430	36.983	nq	99
85) Di-n-octyl phthalate	14.45	149	1512648	39.237	nq	99
87) Indeno(1,2,3-cd)pyrene	16.66	276	1546745	38.666	nq	99
88) Benzo(b)fluoranthene	14.87	252	1448148	34.206	nq	100
89) Benzo(k)fluoranthene	14.90	252	1308318	35.106	nq	100
90) Benzo(a)pyrene	15.22	252	1301952	35.591	nq	100
91) Dibenzo(a,h)anthracene	16.67	278	1220539	37.213	nq	98
92) Benzo(g,h,i)perylene	17.07	276	1327773	41.409	nq	99

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

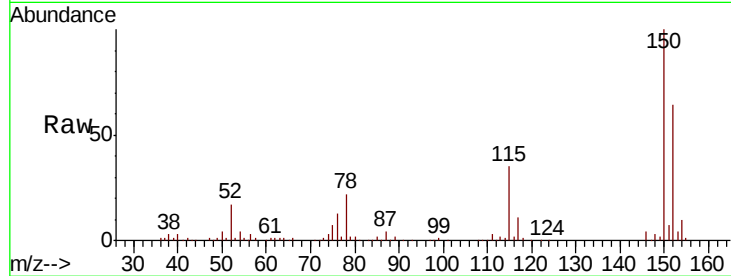


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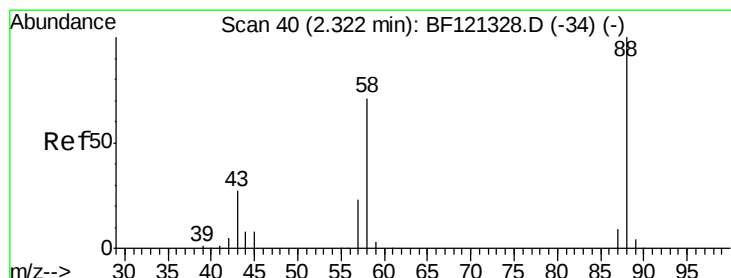
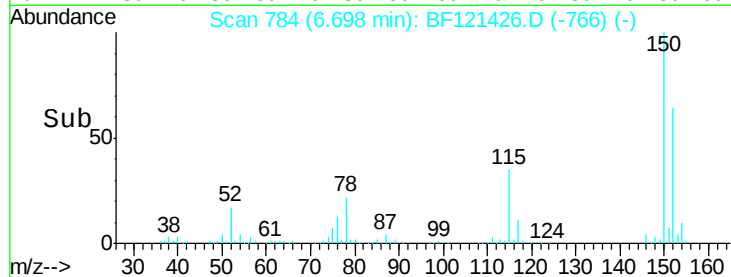
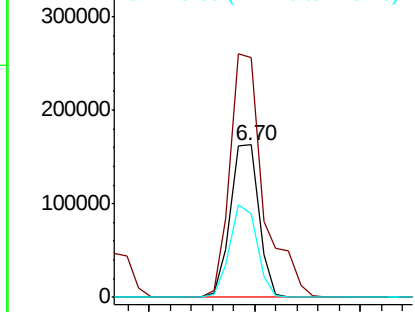
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.8	187.2
115	54.8	46.1	69.1



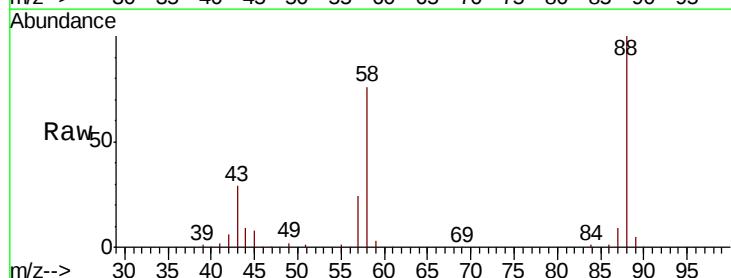
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



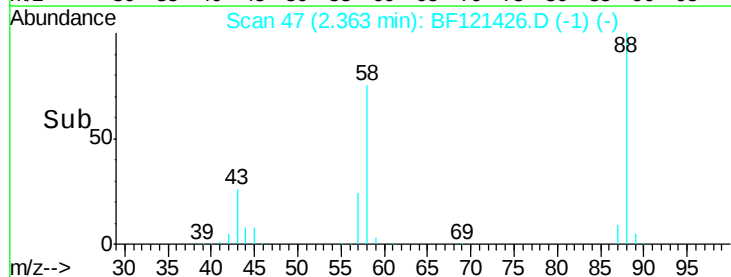
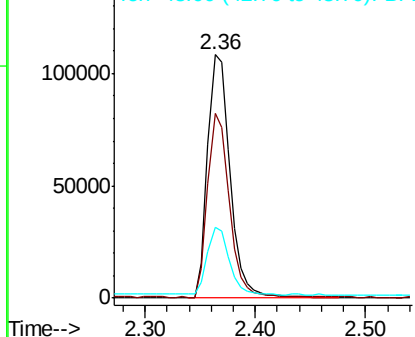
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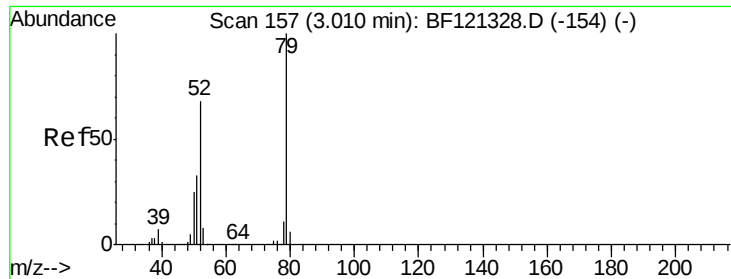
1,4-Dioxane
 Concen: 36.047 ng
 RT: 2.36 min Scan# 47
 Delta R.T. 0.04 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	58.5	87.7
43	26.9	21.8	32.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1

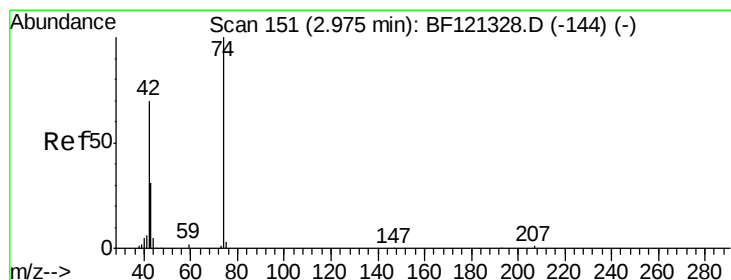
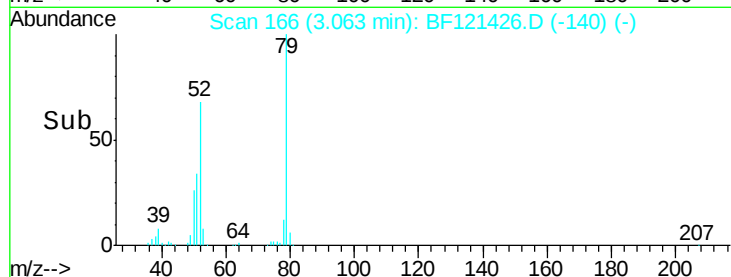
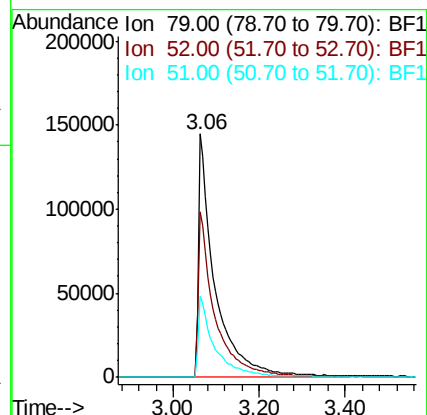
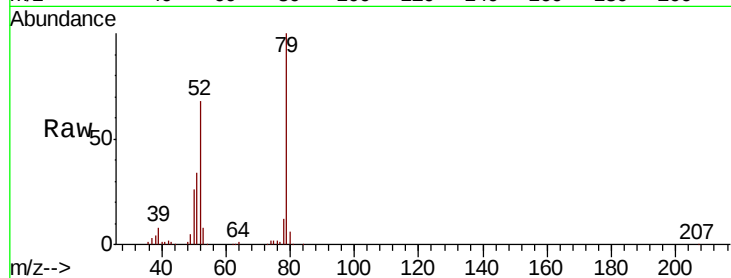




#3
 Pvridine
 Concen: 33.780 ng
 RT: 3.06 min Scan# 166
 Delta R.T. 0.05 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

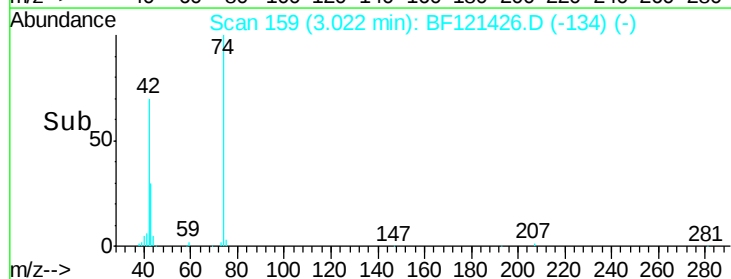
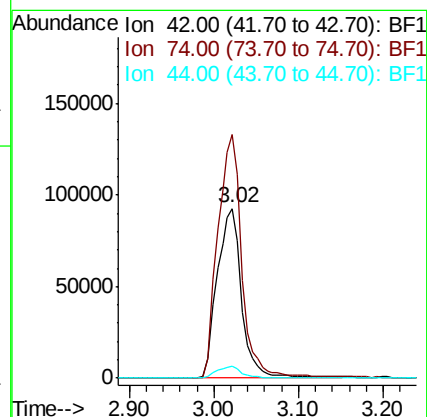
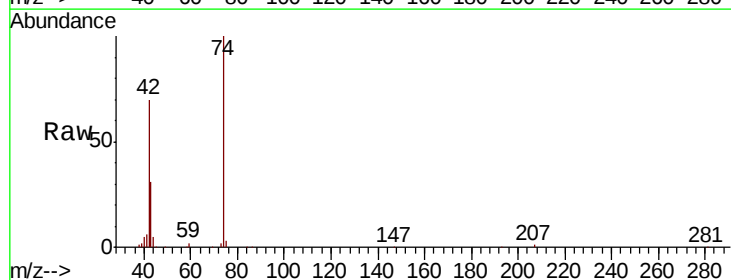
Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

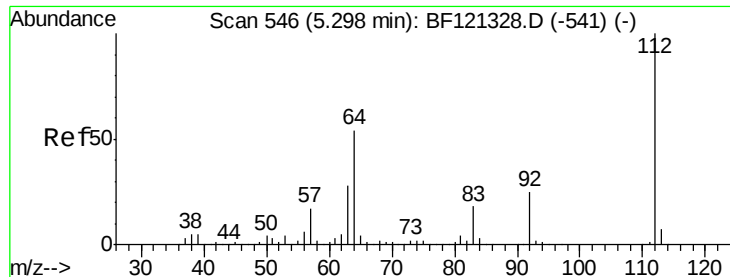
Tot Ion	Ratio	Lower	Upper
79	100		
52	67.9	54.6	82.0
51	33.5	27.0	40.6



#4
 n-Nitrosodimethylamine
 Concen: 41.155 ng
 RT: 3.02 min Scan# 159
 Delta R.T. 0.05 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.4	114.2	171.2
44	6.8	5.4	8.2

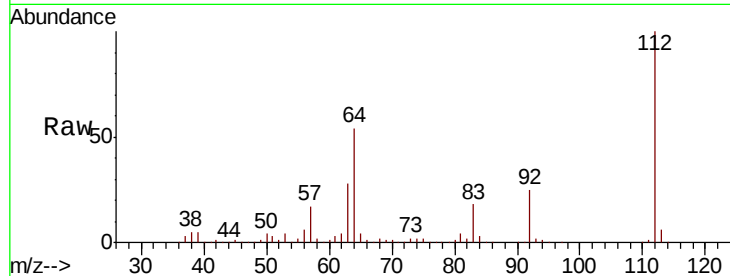




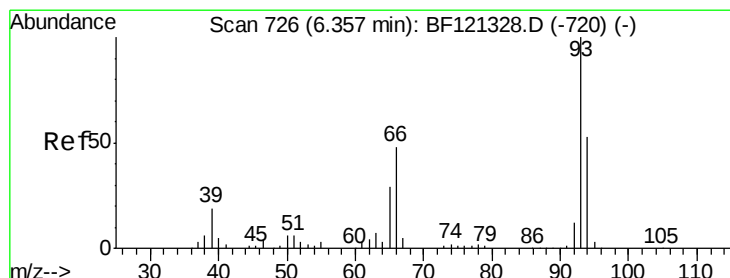
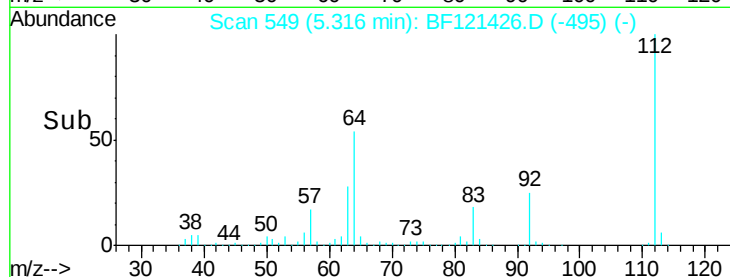
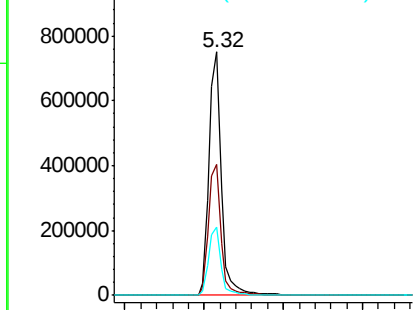
#5
2-Fluorophenol
Concen: 88.111 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.5	65.3
63	28.0	22.0	33.0

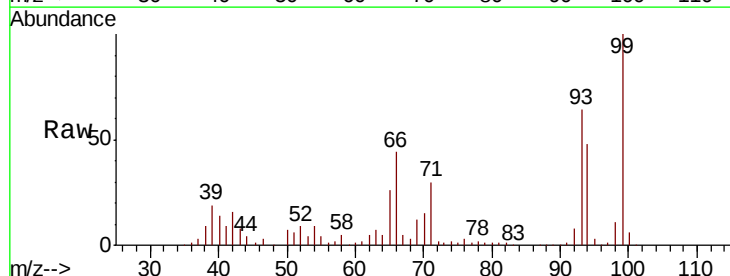


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

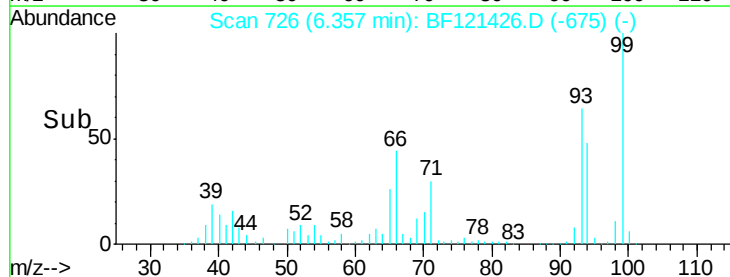
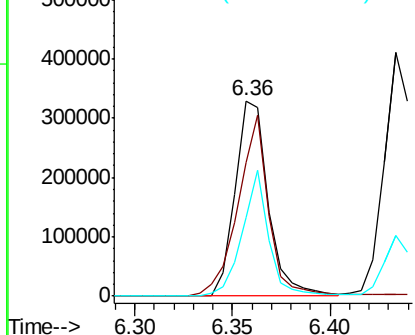


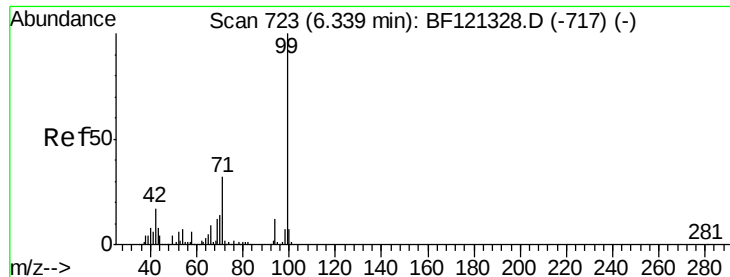
#6
Aniline
Concen: 28.442 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
93	100		
66	68.5	40.2	60.2#
65	40.5	23.6	35.4#



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: 81.626 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampled :

RO-04MS

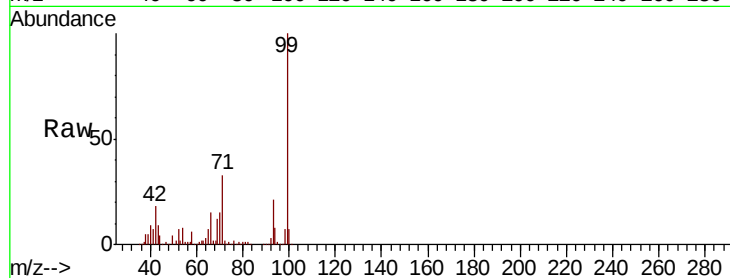
Tot Ion: 99 Resp: 966764

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

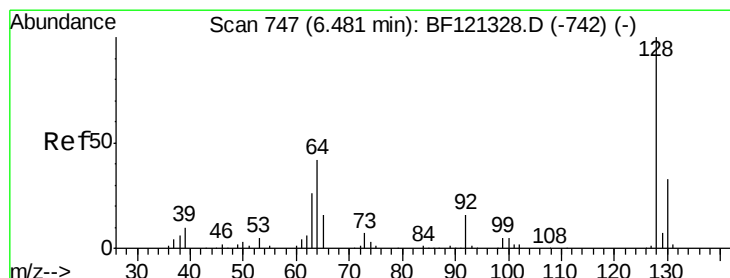
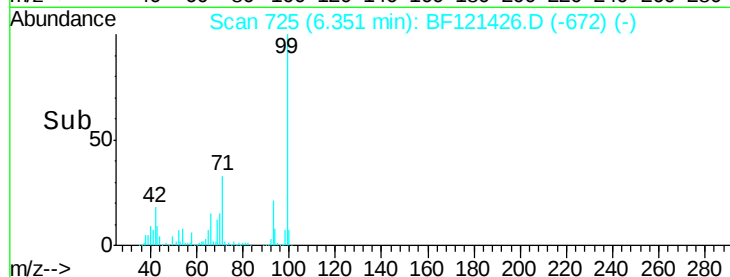
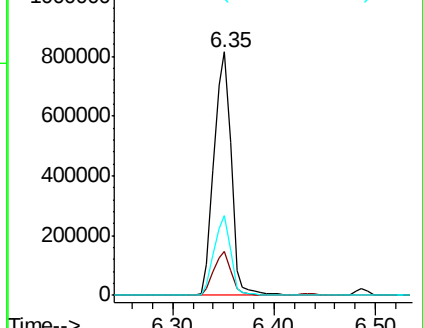
71 33.0 25.2 37.8



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: 43.223 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

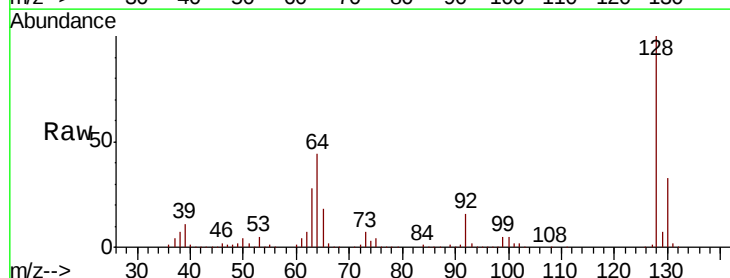
Tgt Ion: 128 Resp: 419123

Ion Ratio Lower Upper

128 100

130 32.6 12.8 52.8

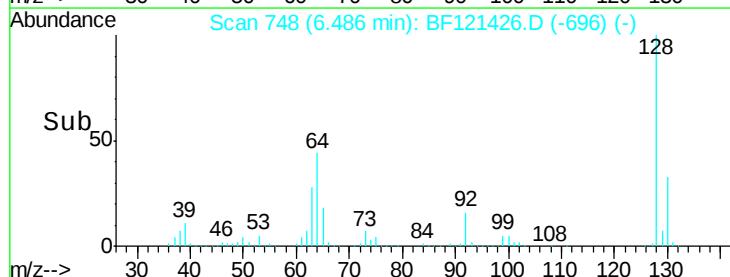
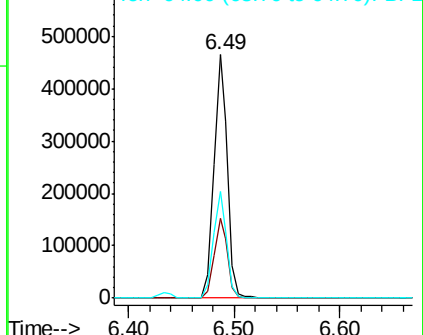
64 44.0 23.4 63.4

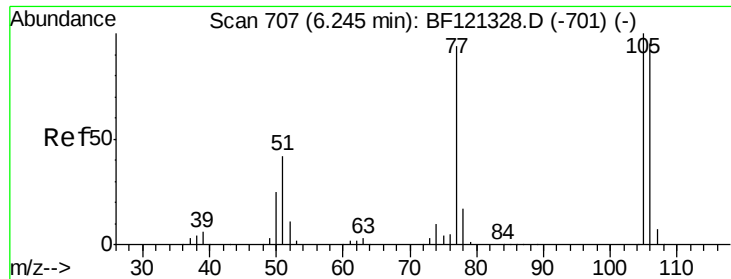


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

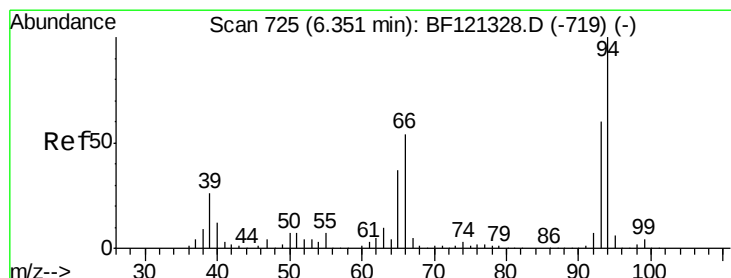
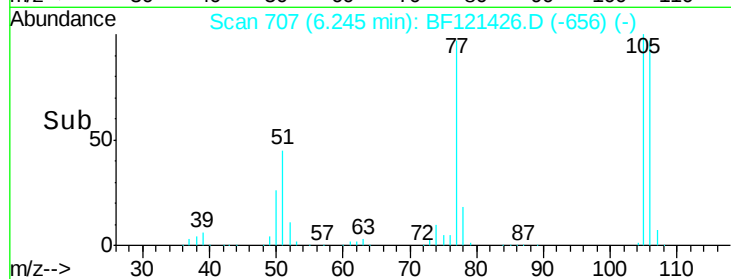
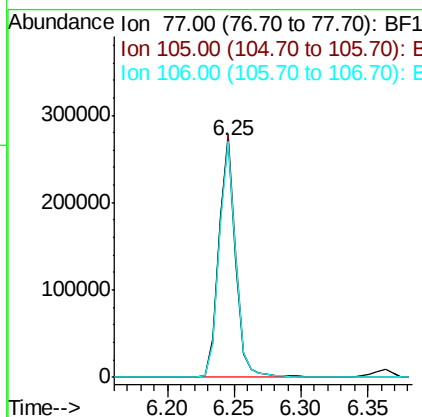
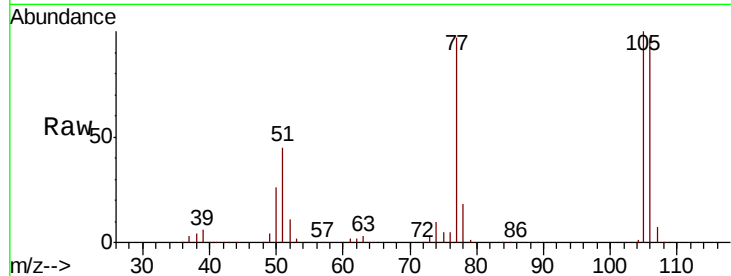




#9
Benzaldehyde
Concen: 36.220 ng
RT: 6.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

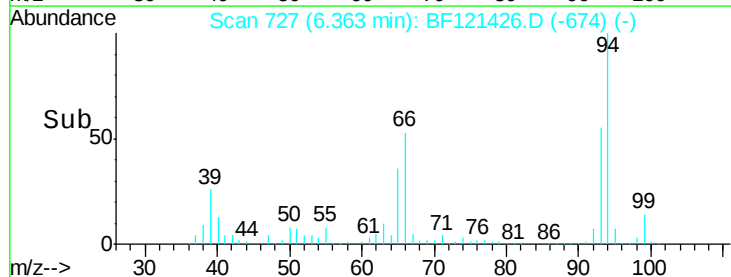
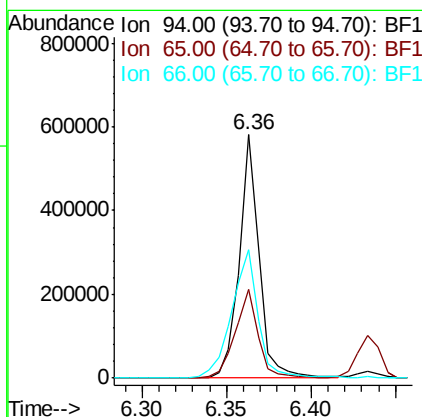
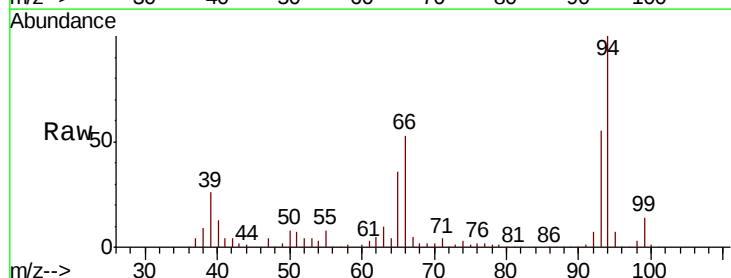
Instrument :
BNA_F
ClientSampleId :
RO-04MS

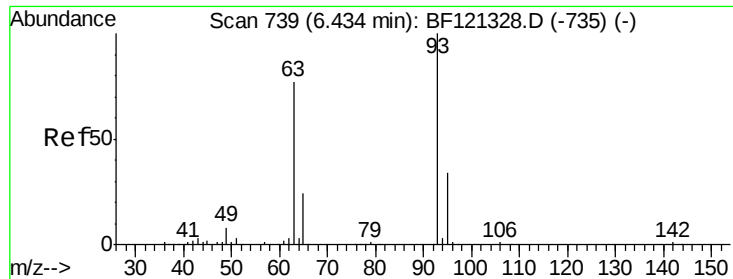
Tot Ion: 77 Resp: 241331
Ion Ratio Lower Upper
77 100
105 102.7 86.3 126.3
106 99.6 81.2 121.2



#10
Phenol
Concen: 38.347 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion: 94 Resp: 476215
Ion Ratio Lower Upper
94 100
65 36.5 16.6 56.6
66 52.6 34.3 74.3

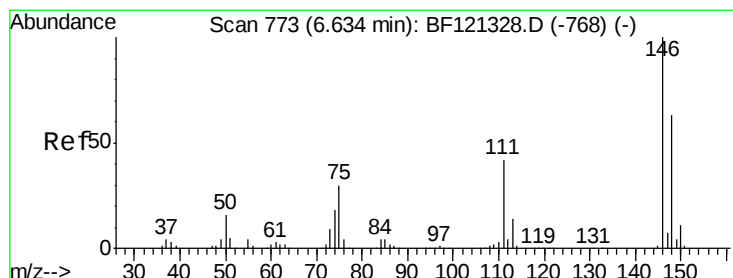
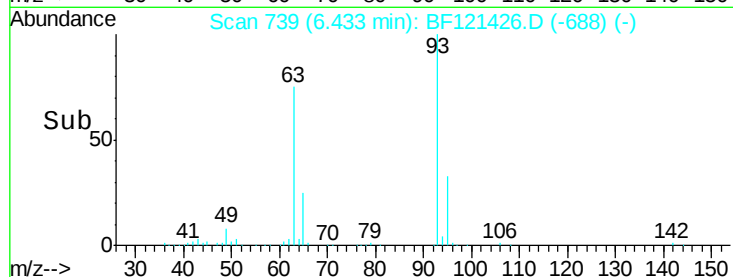
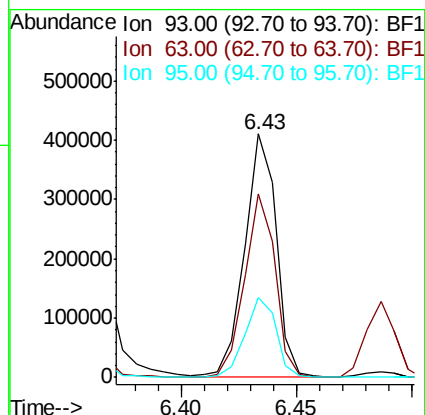
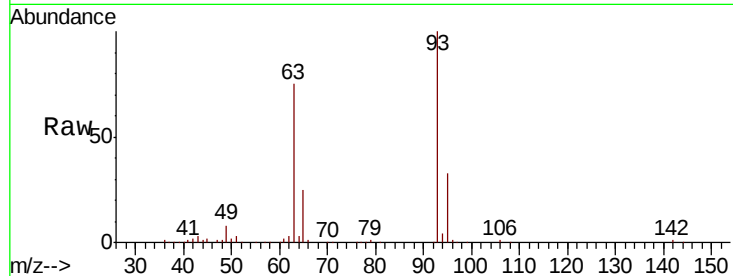




#11
bis(2-Chloroethyl)ether
Concen: 41.019 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

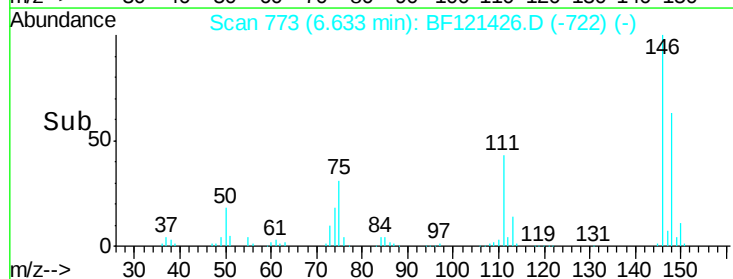
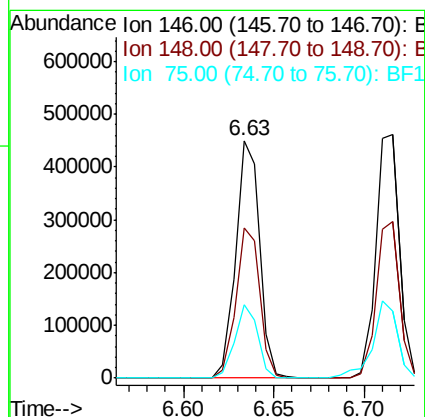
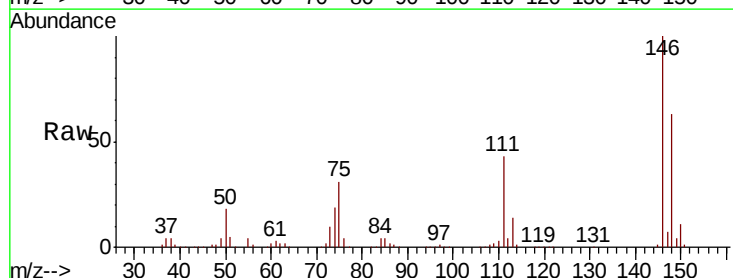
Instrument :
BNA_F
ClientSampleId :
RO-04MS

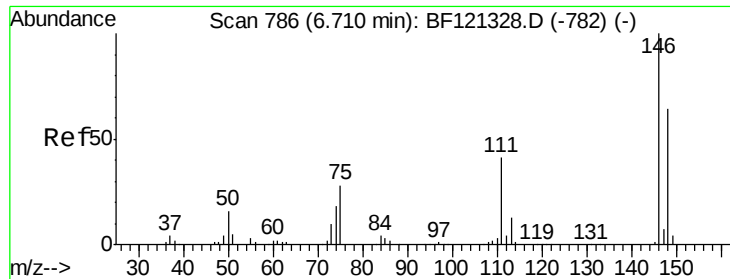
Tot Ion: 93 Resp: 392323
Ion Ratio Lower Upper
93 100
63 75.2 56.4 96.4
95 32.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 37.872 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion: 146 Resp: 411438
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
75 31.1 23.8 35.6

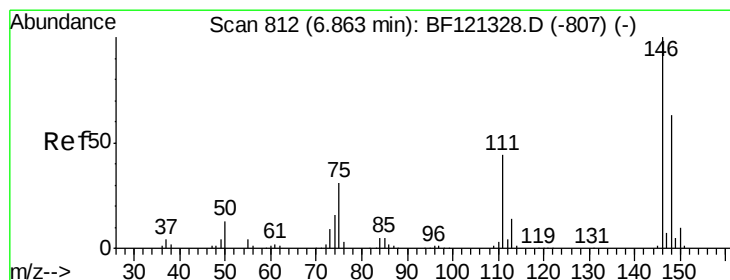
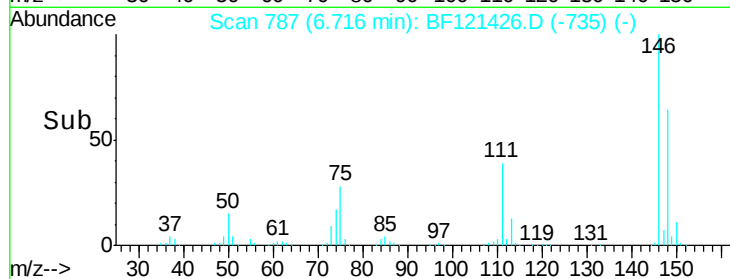
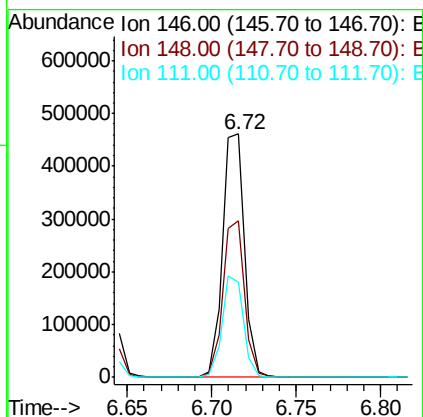
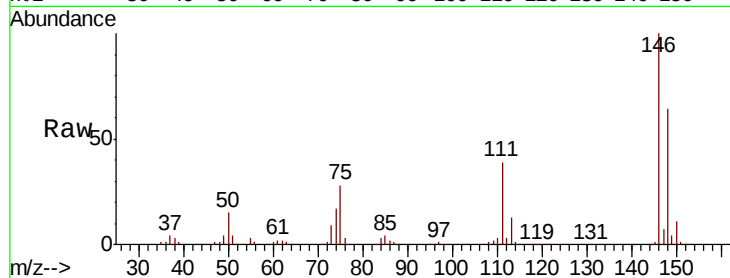




#13
 1,4-Dichlorobenzene
 Concen: 38.163 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

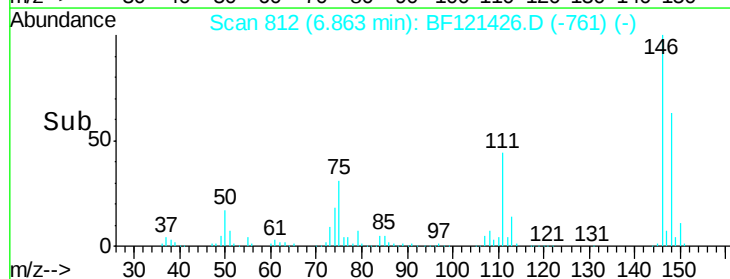
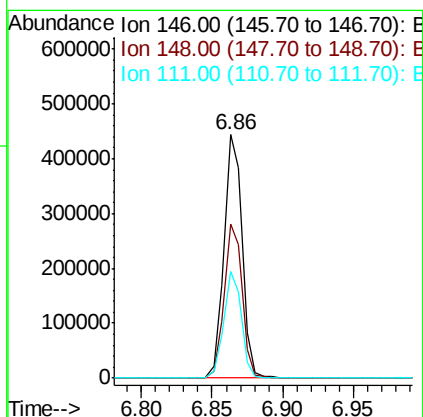
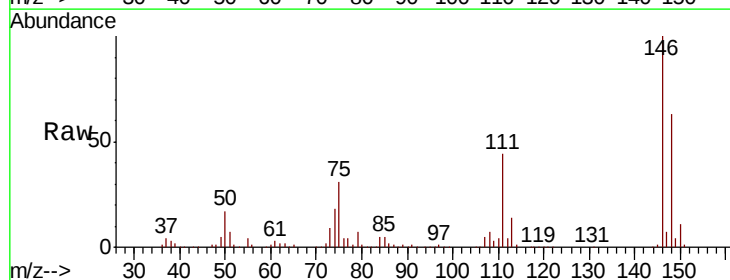
Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

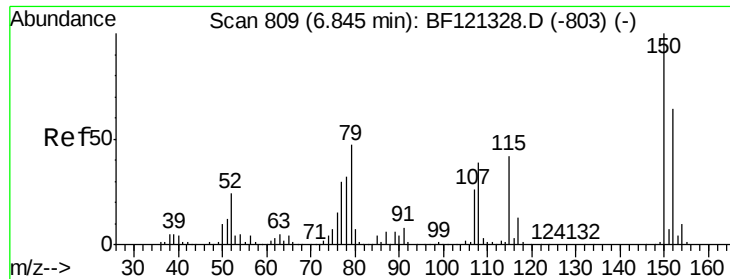
Tot Ion:146 Resp: 418544
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.2 76.8
 111 38.8 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 37.918 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion:146 Resp: 396034
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.3 75.5
 111 43.6 35.5 53.3

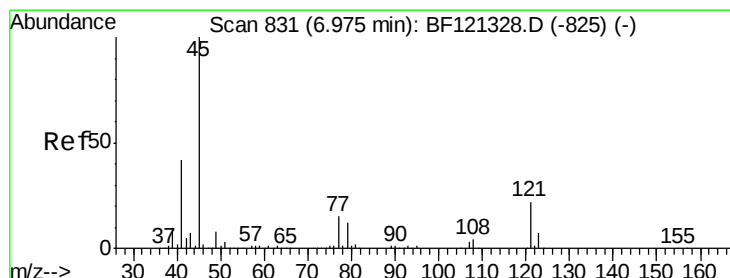
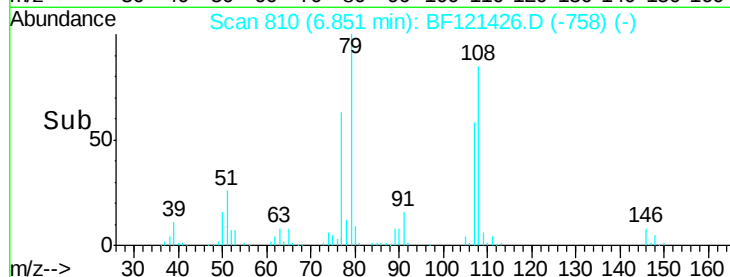
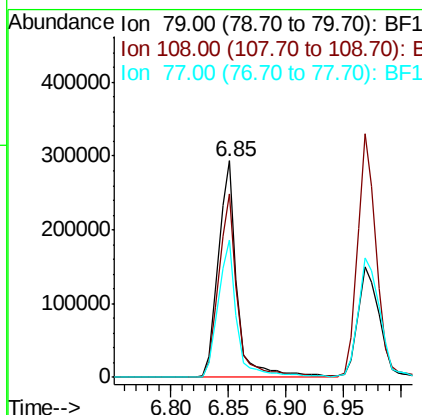
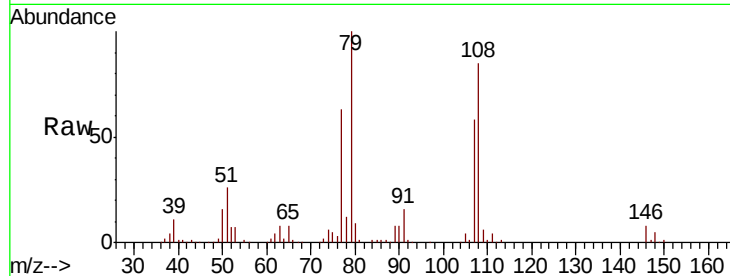




#15
Benzyl Alcohol
Concen: 46.514 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

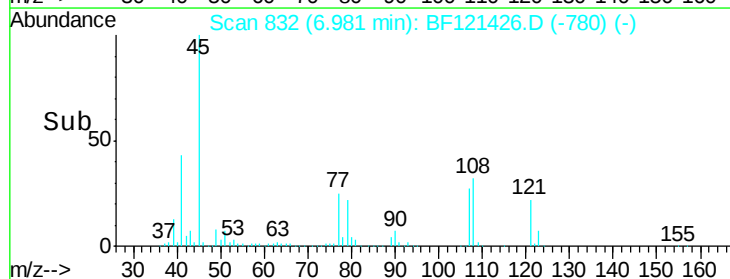
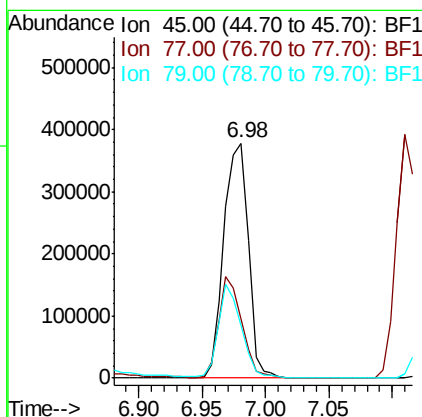
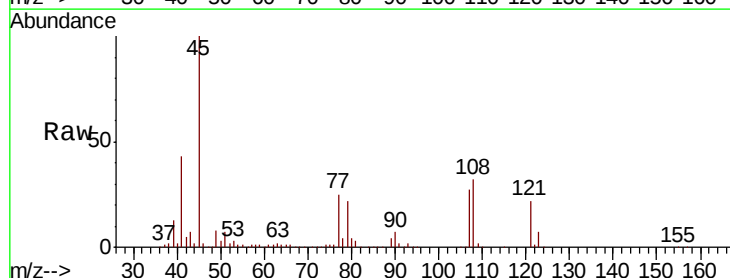
Instrument :
BNA_F
ClientSampleId :
RO-04MS

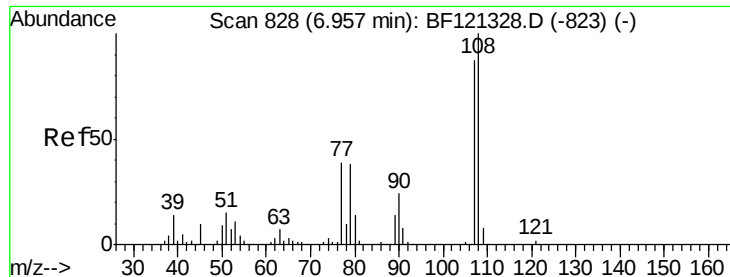
Tot Ion: 79 Resp: 331465
Ion Ratio Lower Upper
79 100
108 84.8 65.2 97.8
77 63.4 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.165 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion: 45 Resp: 509296
Ion Ratio Lower Upper
45 100
77 25.4 0.0 35.6
79 22.4 0.0 32.5

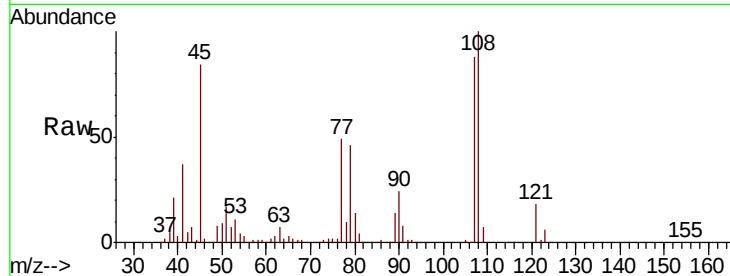




#17
2-Methylphenol
Concen: 40.591 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.4	138.6
77	56.0	36.1	54.1#
79	51.9	35.0	52.6



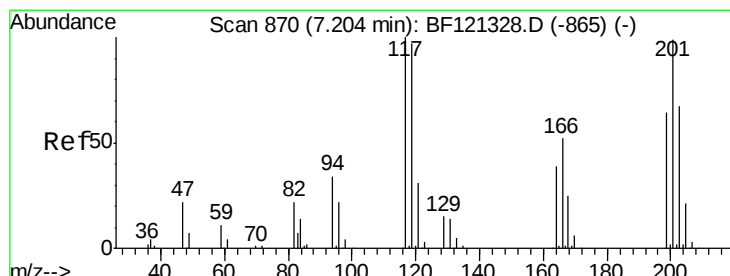
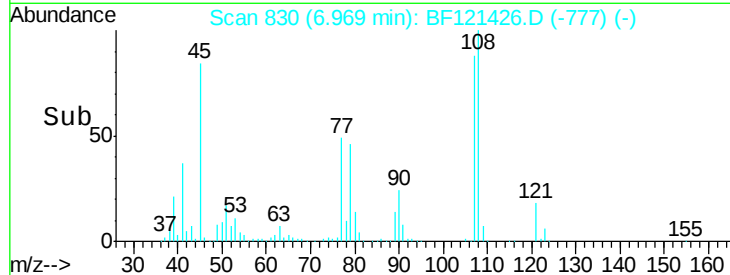
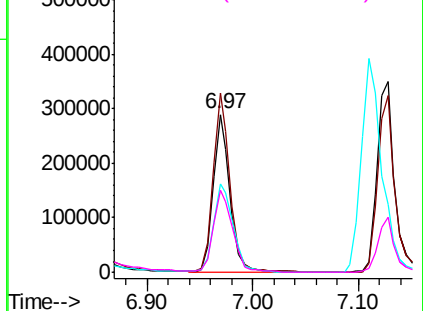
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

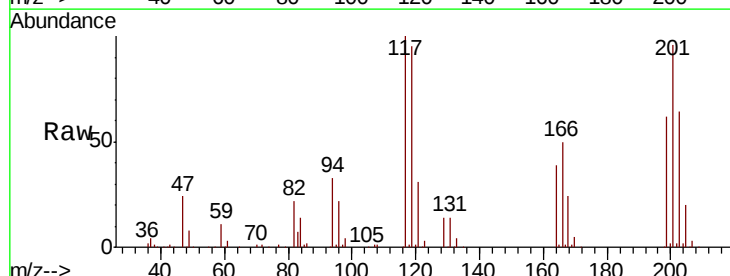
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.741 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.9	116.9
201	96.3	79.4	119.0

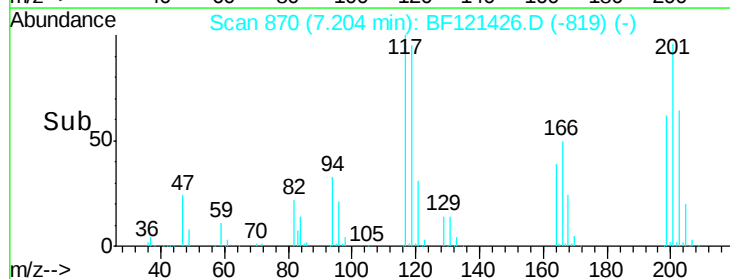
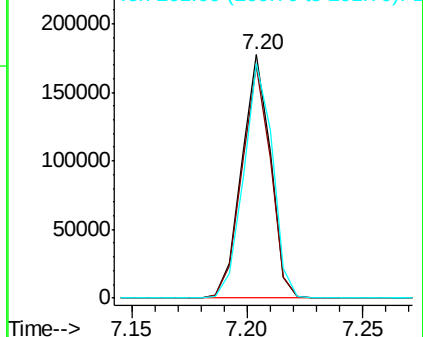


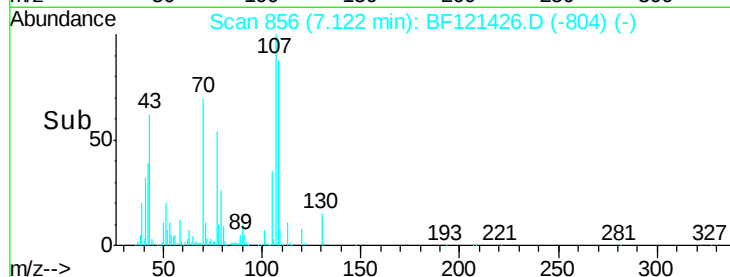
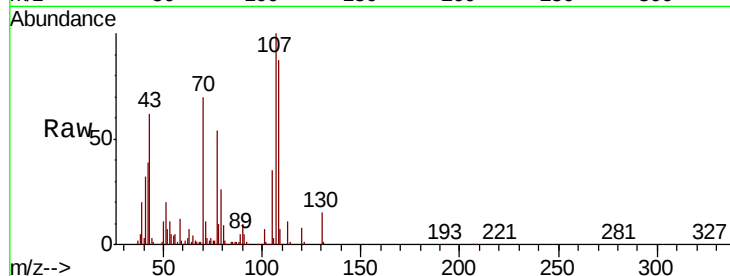
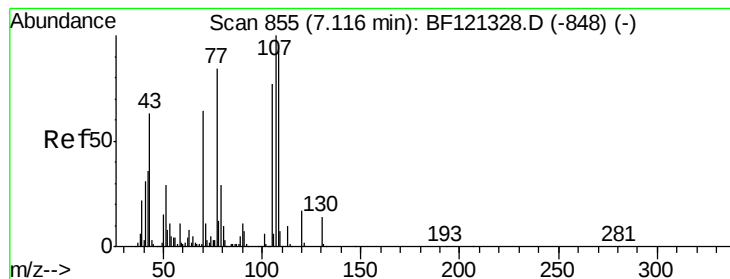
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.770 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

Tot Ion: 70 Resp: 259695

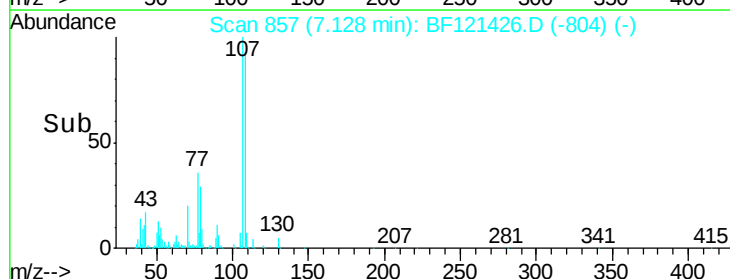
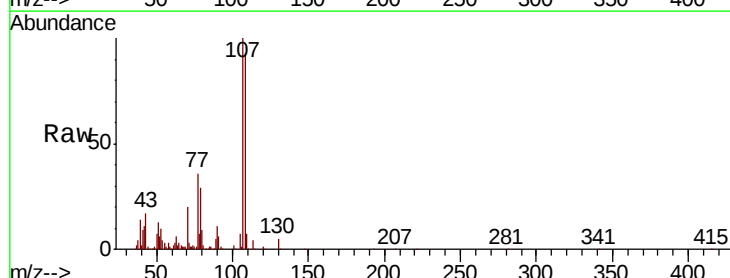
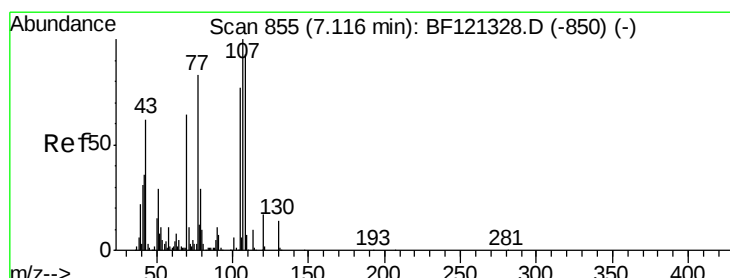
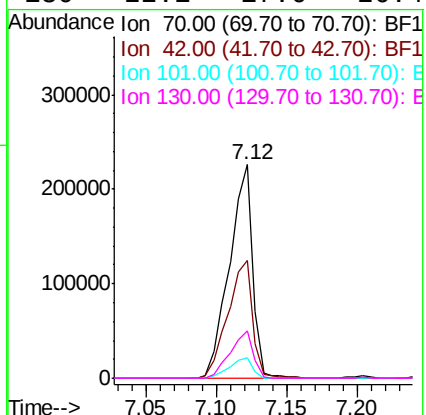
Ion Ratio Lower Upper

70 100

42 55.4 45.2 67.8

101 9.4 7.7 11.5

130 22.1 17.6 26.4



#20

3+4-Methylphenols

Concen: 53.447 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Tgt Ion: 107 Resp: 411564

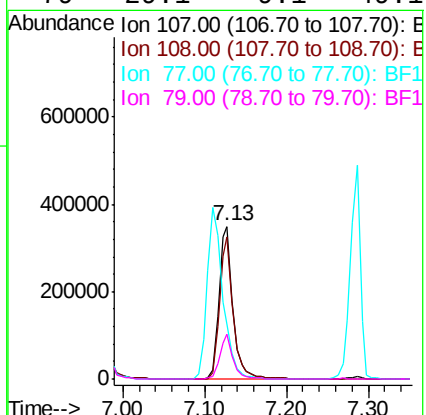
Ion Ratio Lower Upper

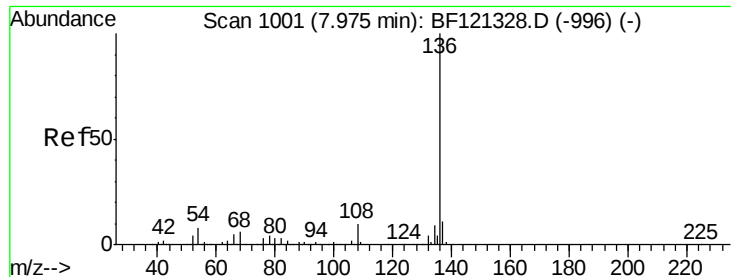
107 100

108 92.6 72.6 112.6

77 35.7 63.8 103.8#

79 29.1 9.1 49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

Tot Ion:136 Resp: 618592

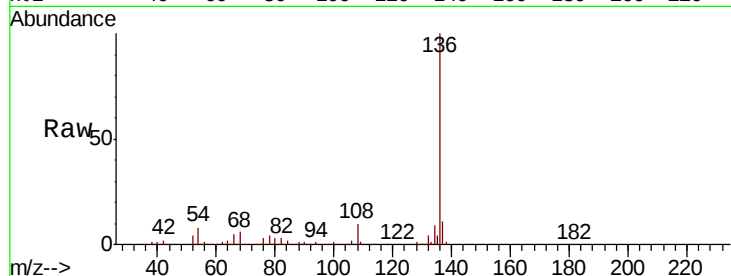
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.1 9.1

68 6.1 5.0 7.4

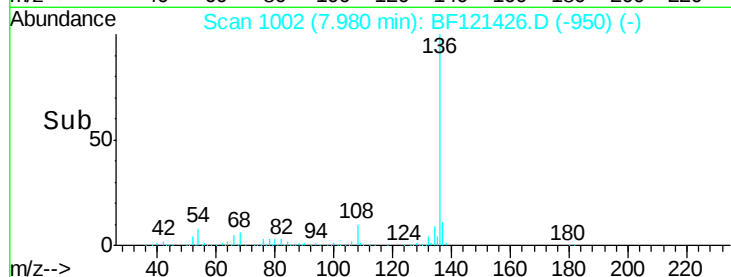


Abundance Ion 136.00 (135.70 to 136.70): E

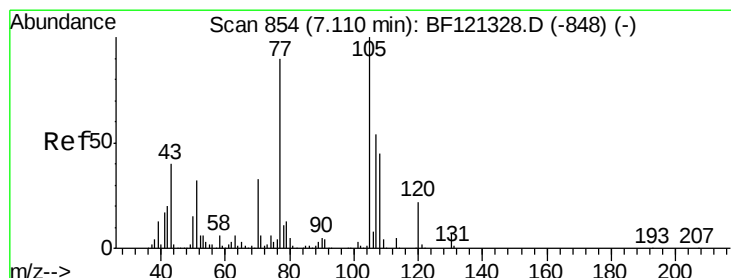
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 37.621 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Tgt Ion:105 Resp: 544073

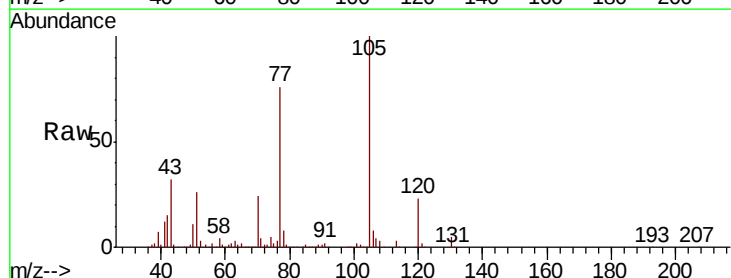
Ion Ratio Lower Upper

105 100

71 4.0 4.5 6.7#

51 26.5 25.4 38.0

120 22.7 17.6 26.4

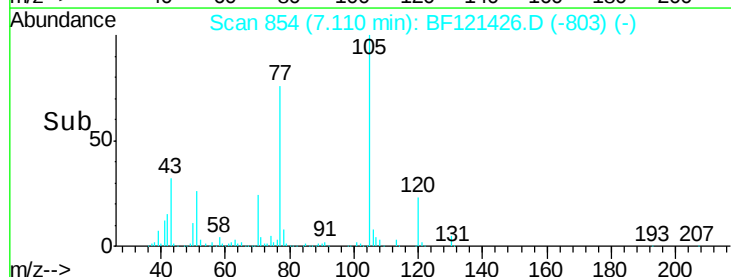


Abundance Ion 105.00 (104.70 to 105.70): E

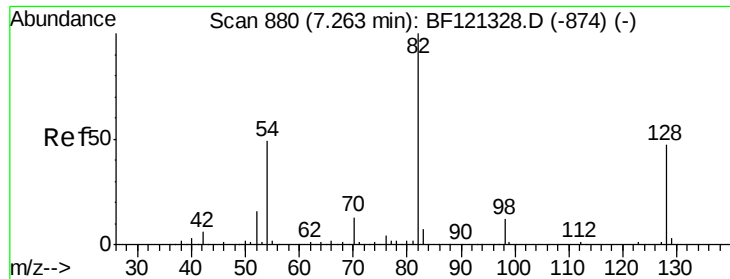
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



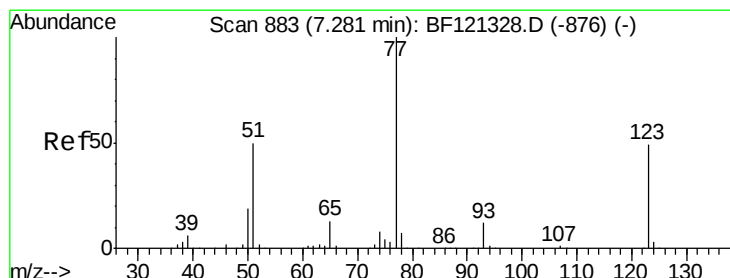
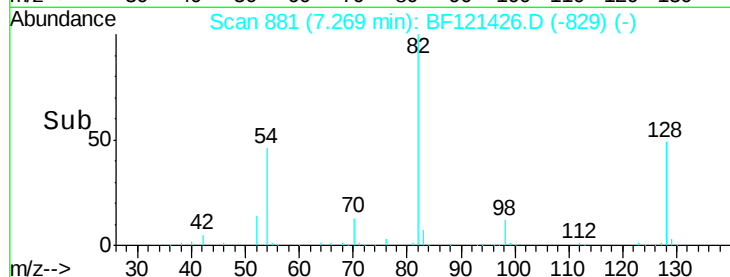
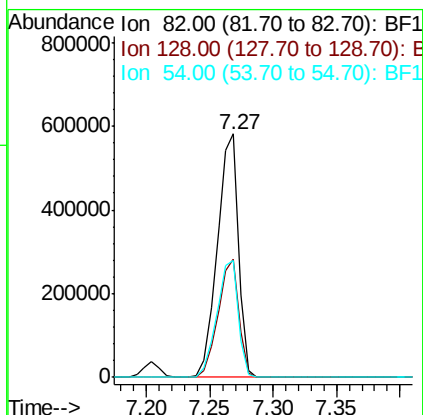
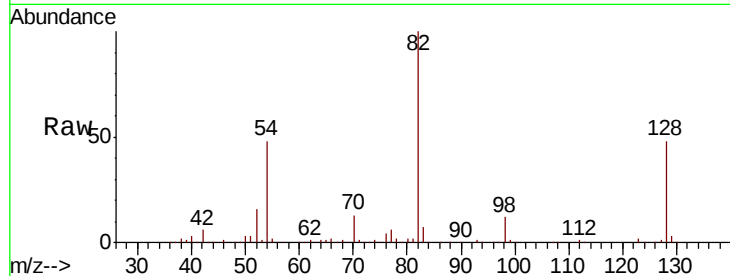
Time-->



#23
Nitrobenzene-d5
Concen: 61.913 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

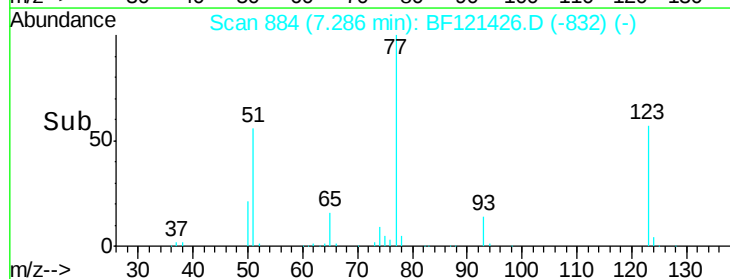
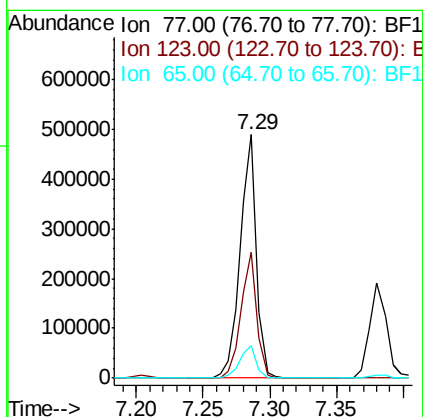
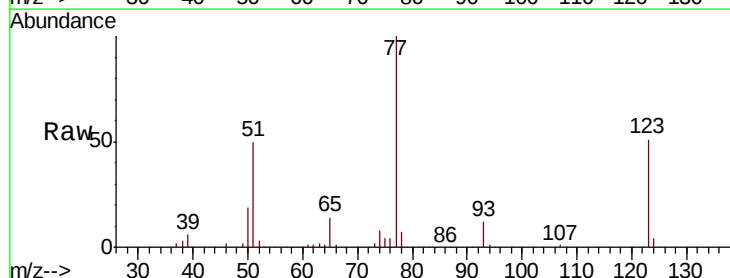
Instrument :
BNA_F
ClientSampleId :
RO-04MS

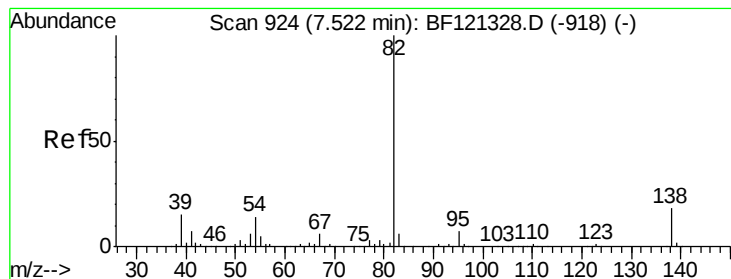
Tot Ion	82	Resp	677185
Ion Ratio	100	Lower	Upper
128	48.5	37.9	56.9
54	47.8	39.0	58.4



#24
Nitrobenzene
Concen: 37.156 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	77	Resp	414199
Ion Ratio	100	Lower	Upper
123	51.5	39.2	58.8
65	13.5	10.6	15.8





#25

Isophorone

Concen: 38.534 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

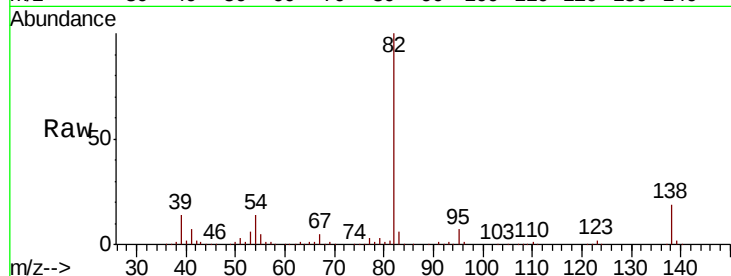
Tot Ion: 82 Resp: 767019

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

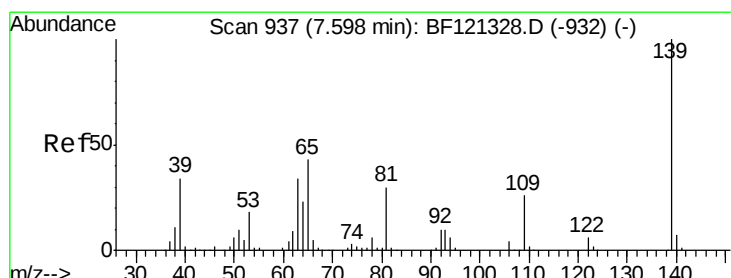
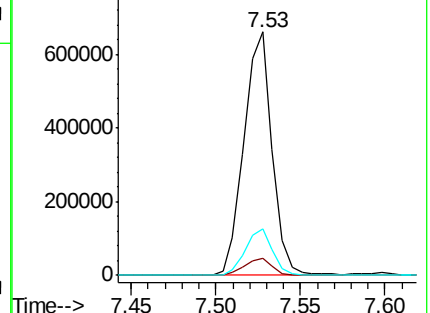
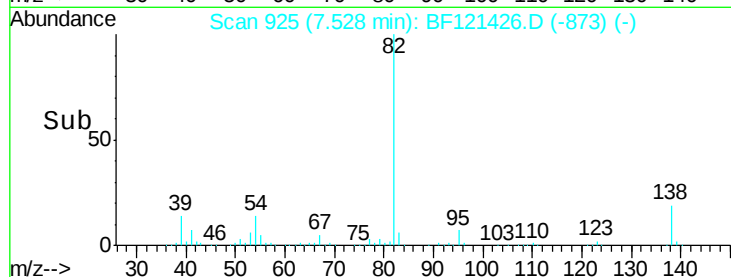
138 19.3 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.244 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

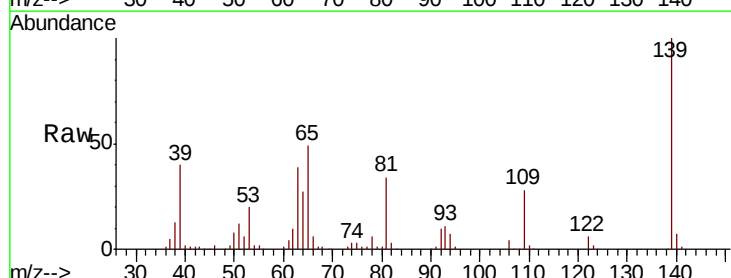
Tgt Ion: 139 Resp: 230085

Ion Ratio Lower Upper

139 100

109 27.8 21.1 31.7

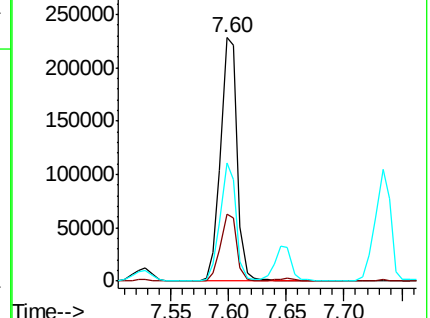
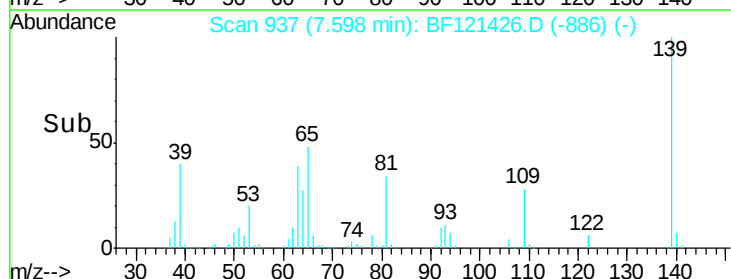
65 48.7 34.5 51.7

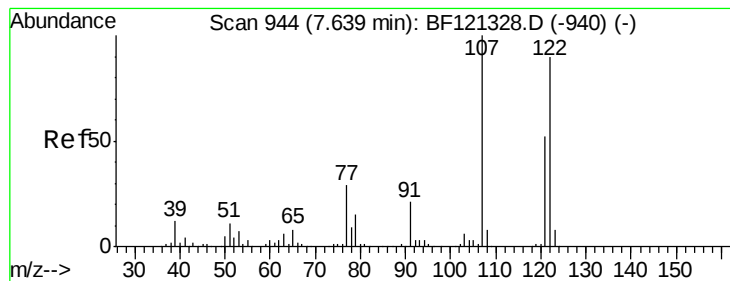


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.478 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

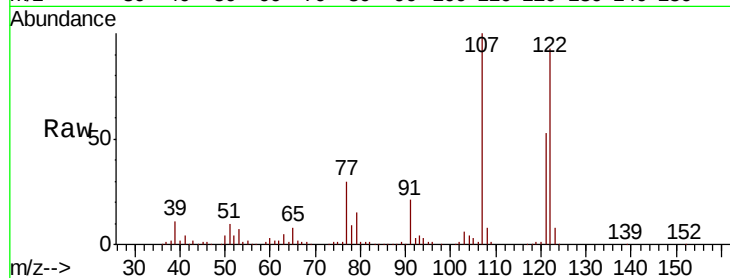
Tot Ion:122 Resp: 362856

Ion Ratio Lower Upper

122 100

107 108.0 89.0 133.4

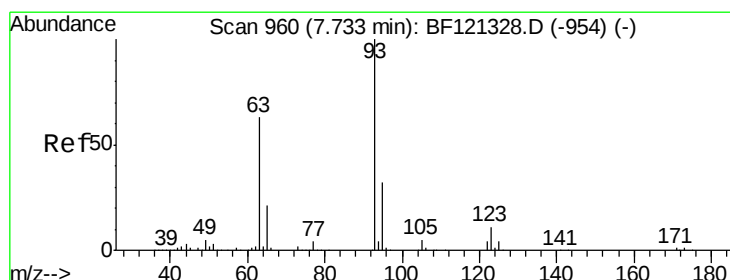
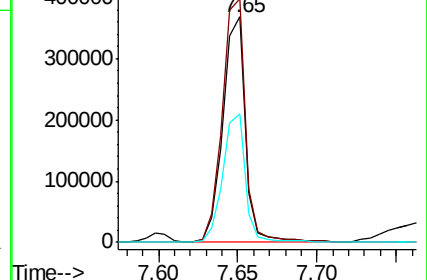
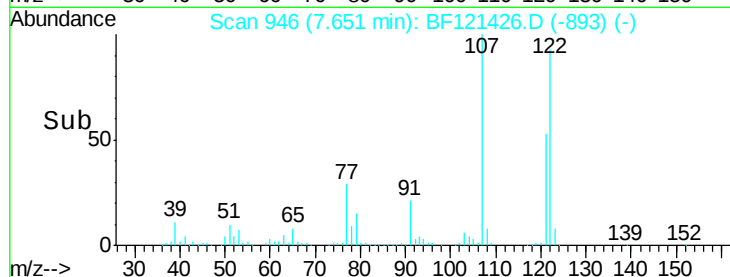
121 56.8 46.4 69.6



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: 35.730 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

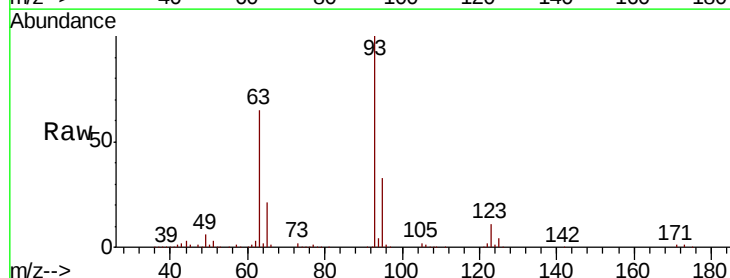
Tgt Ion: 93 Resp: 484134

Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.8

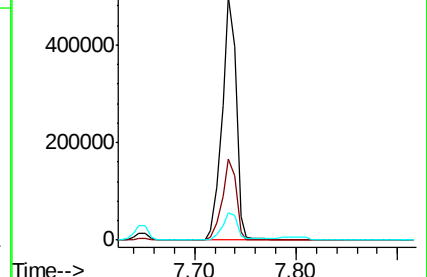
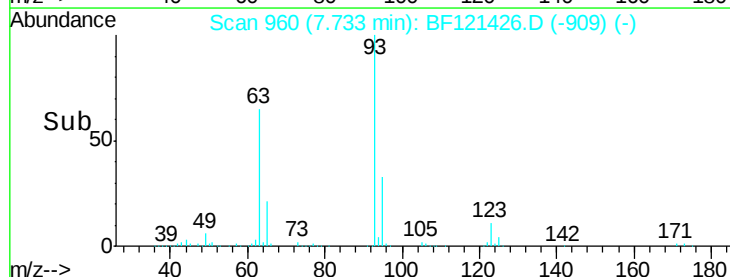
123 11.0 9.0 13.6

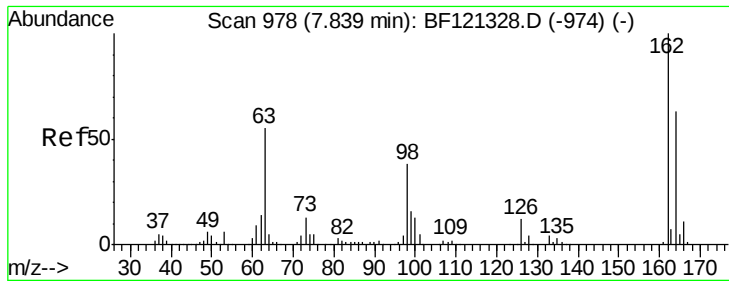


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

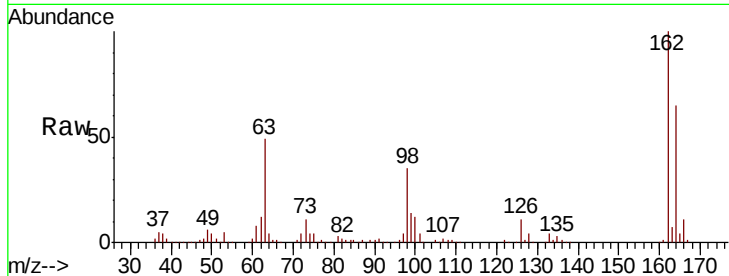




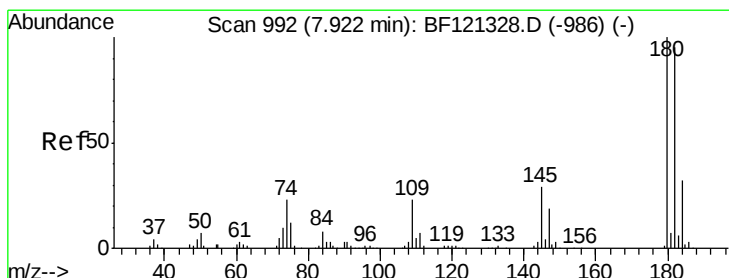
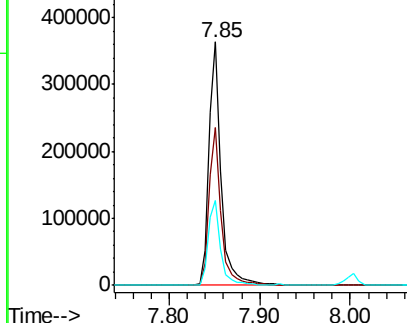
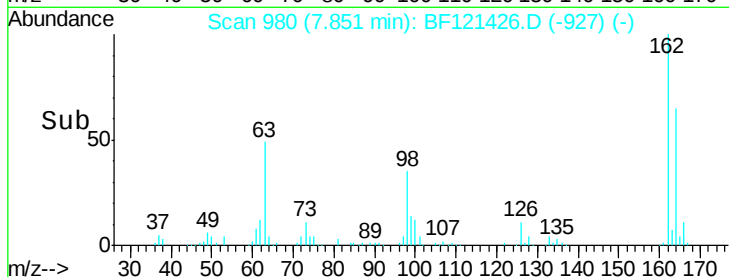
#29
2,4-Dichlorophenol
Concen: 39.036 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.4	83.4
98	34.7	18.1	58.1

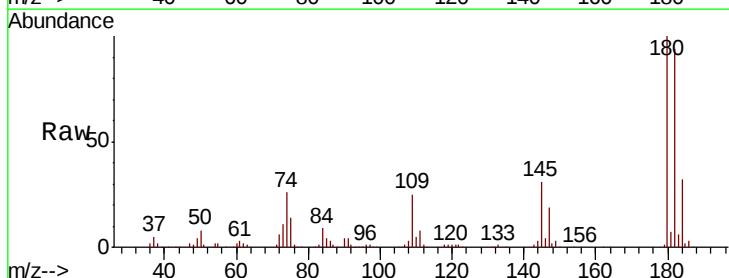


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

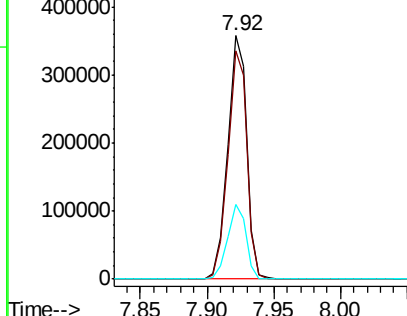
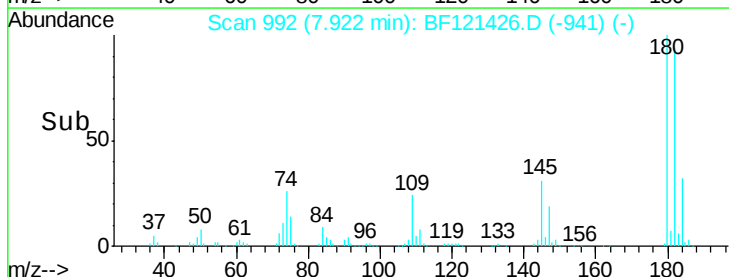


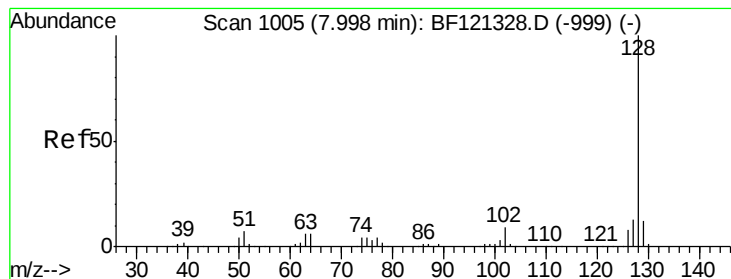
#30
1,2,4-Trichlorobenzene
Concen: 35.429 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.9	113.9
145	30.5	23.2	34.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.348 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

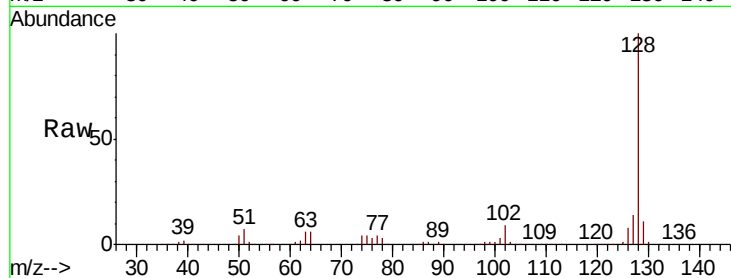
Tot Ion:128 Resp: 1119050

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

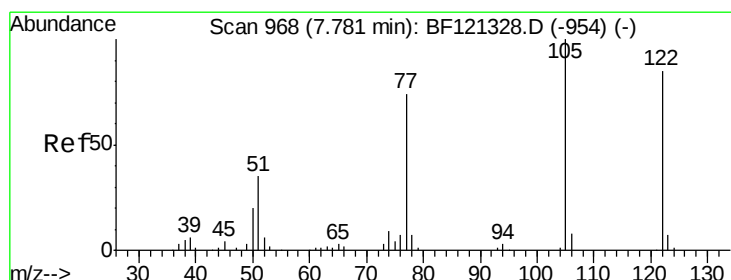
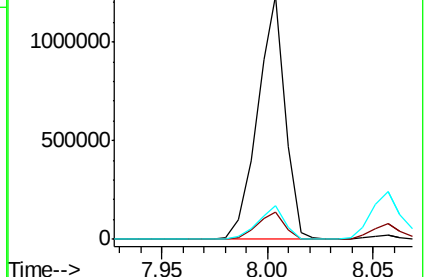
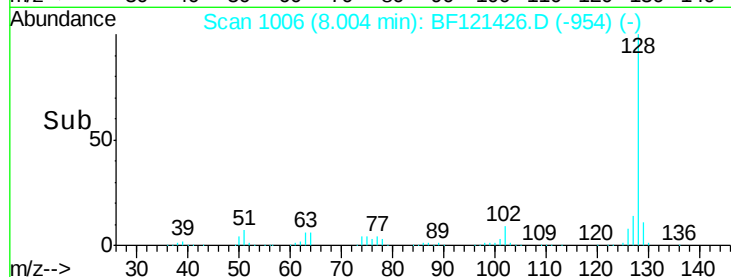
127 13.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.999 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

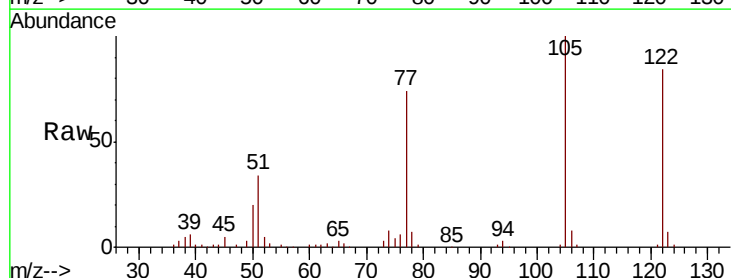
Tgt Ion:122 Resp: 223883

Ion Ratio Lower Upper

122 100

105 118.4 96.7 136.7

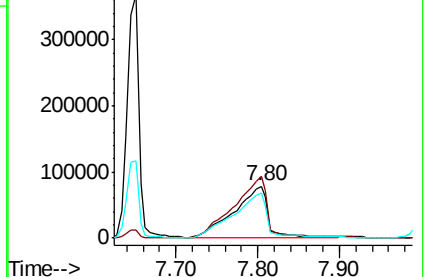
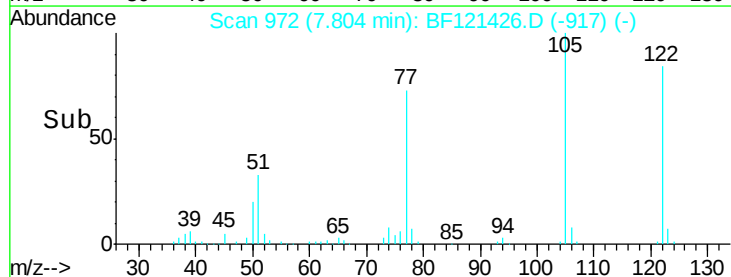
77 87.3 66.7 106.7

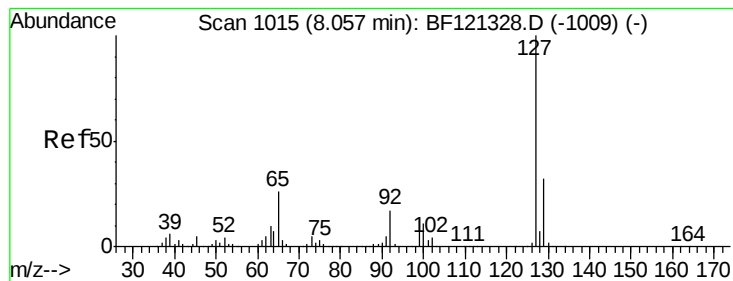


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 20.212 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

Tot Ion:127 Resp: 275552

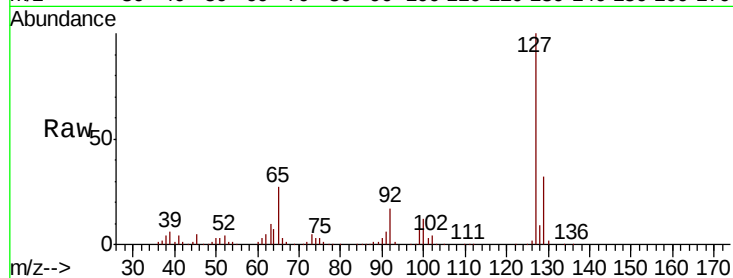
Ion Ratio Lower Upper

127 100

129 32.4 25.7 38.5

65 27.3 20.9 31.3

92 17.1 13.8 20.8

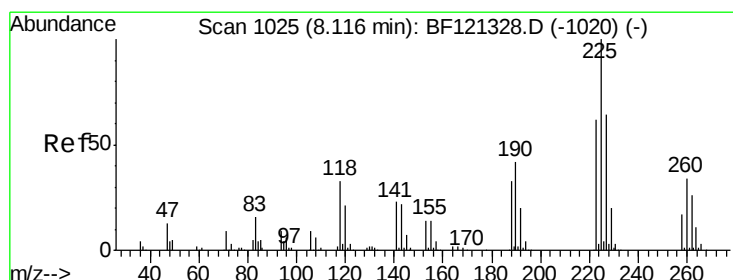
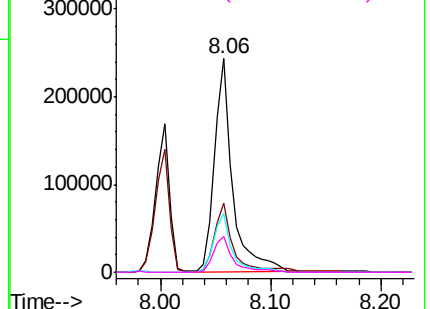
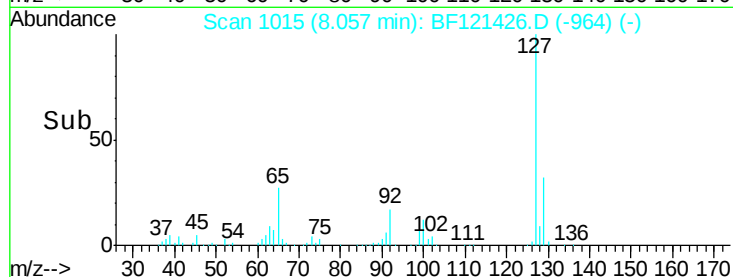


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 34.043 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

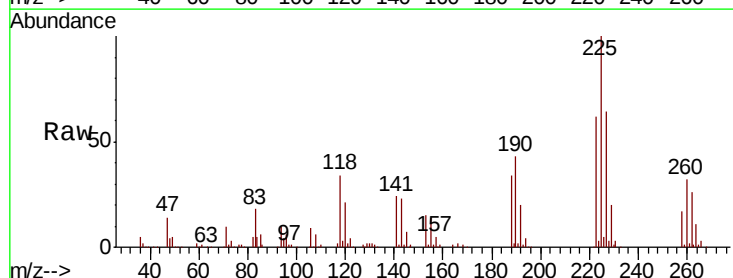
Tgt Ion:225 Resp: 205204

Ion Ratio Lower Upper

225 100

223 61.8 49.7 74.5

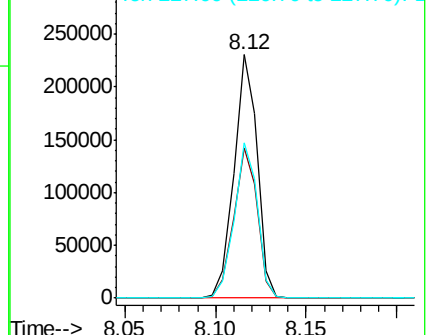
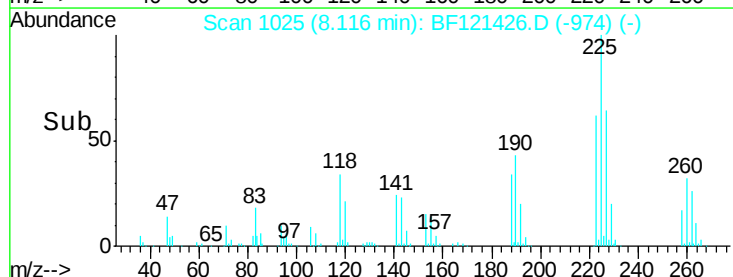
227 64.0 50.9 76.3

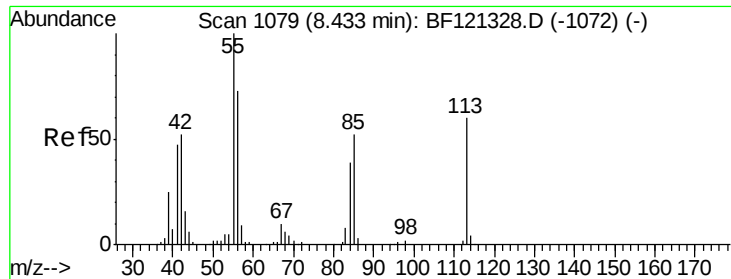


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.064 ng

RT: 8.44 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampled :

RO-04MS

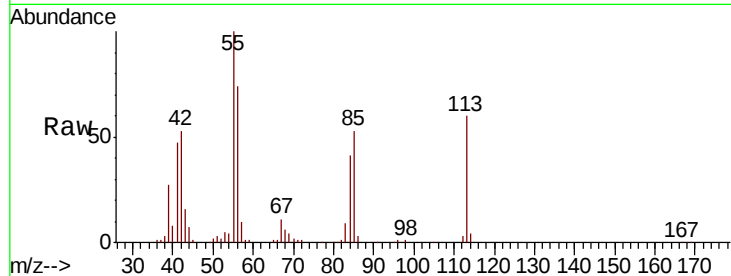
Tot Ion:113 Resp: 78947

Ion Ratio Lower Upper

113 100

55 167.9 147.9 187.9

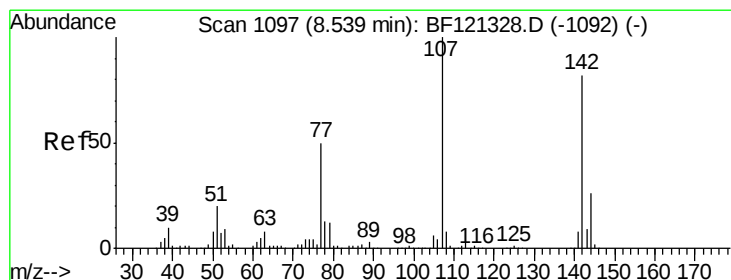
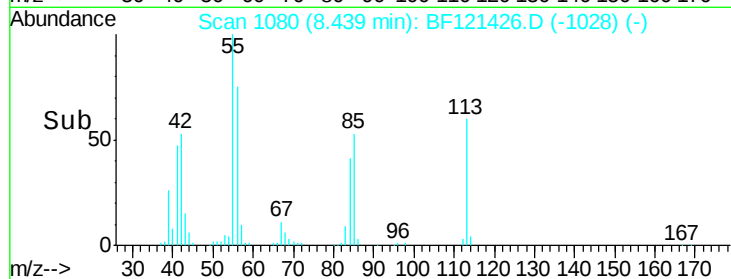
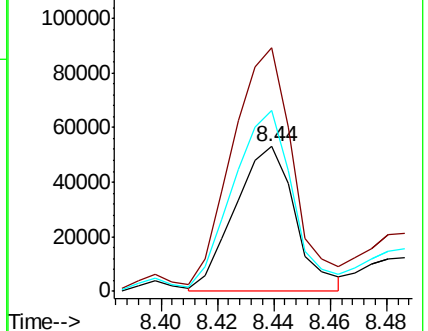
56 124.7 102.4 142.4



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: 40.183 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.02 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

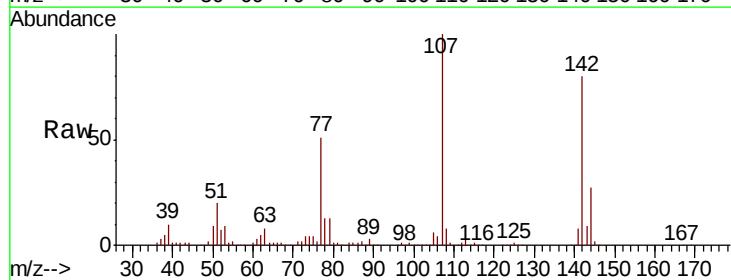
Tgt Ion:107 Resp: 361986

Ion Ratio Lower Upper

107 100

144 26.5 21.1 31.7

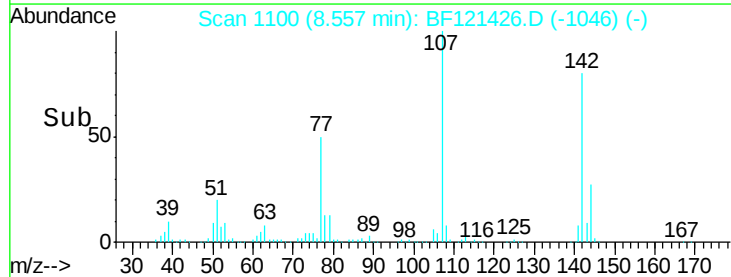
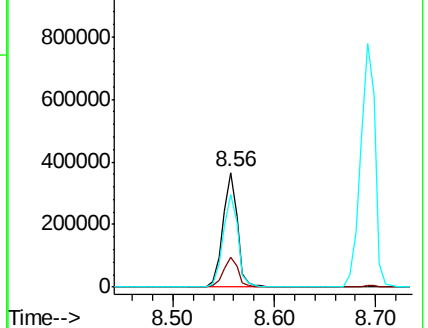
142 80.4 65.6 98.4

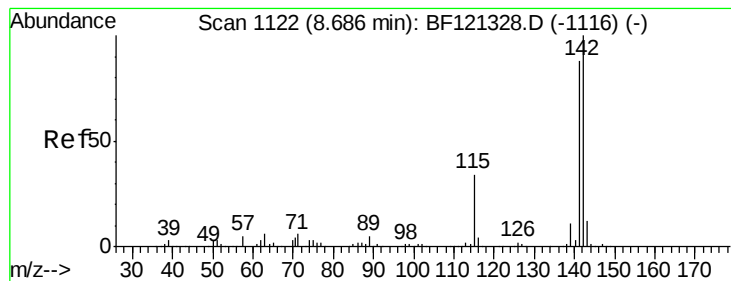


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.419 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

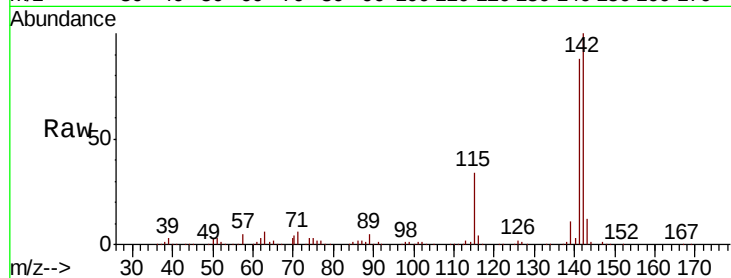
Tot Ion:142 Resp: 766644

Ion Ratio Lower Upper

142 100

141 88.1 70.3 105.5

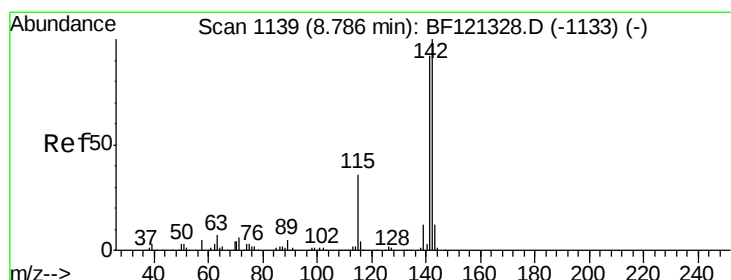
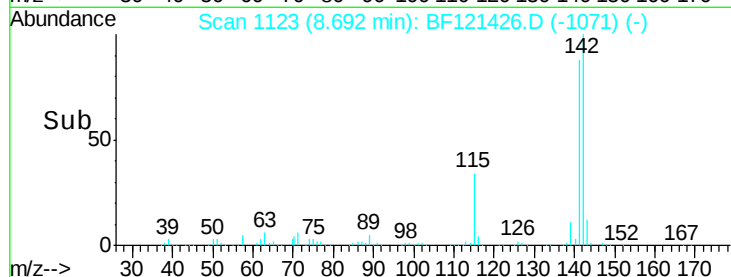
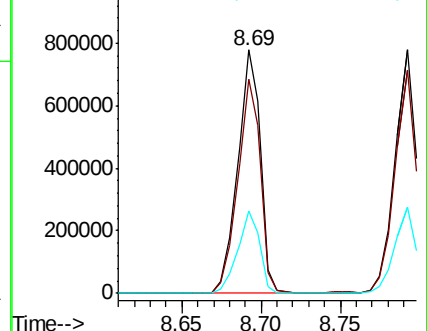
115 33.9 26.9 40.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.519 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

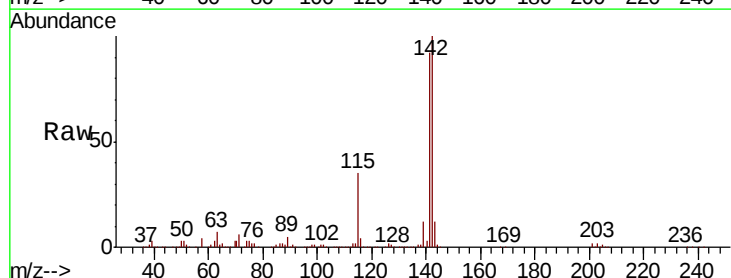
Tgt Ion:142 Resp: 711861

Ion Ratio Lower Upper

142 100

141 91.8 73.6 110.4

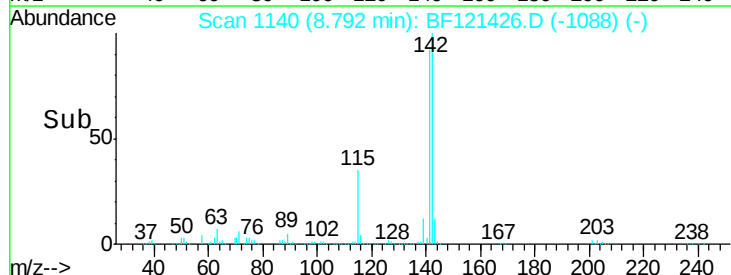
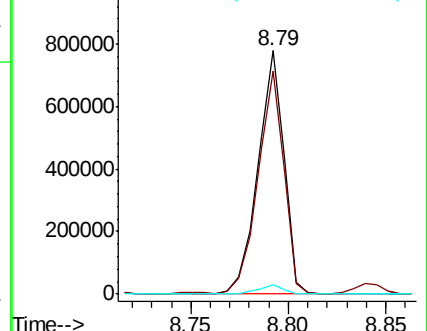
116 3.8 3.0 4.4

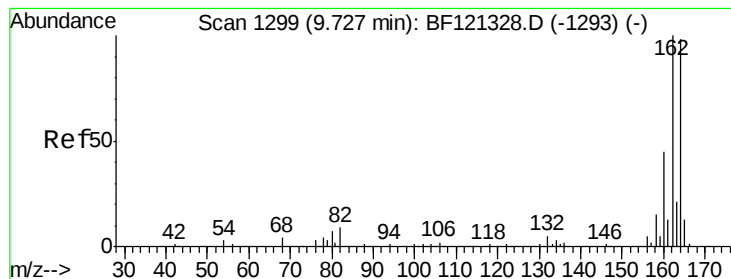


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

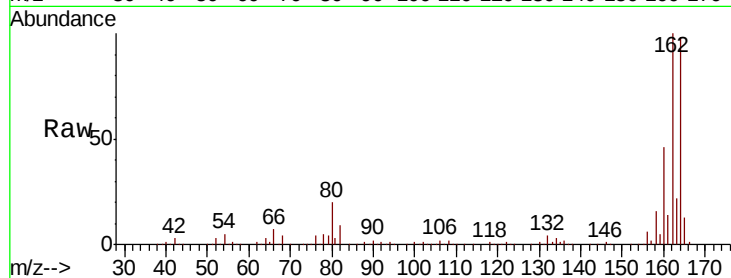
Tot Ion:164 Resp: 335723

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

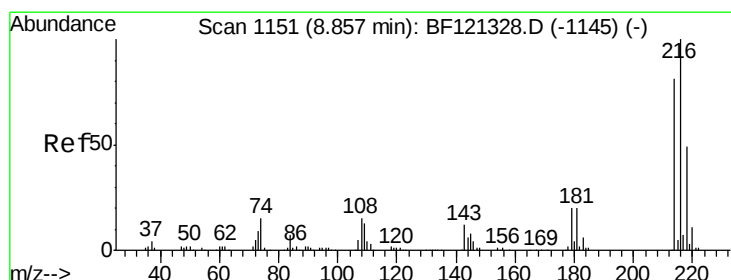
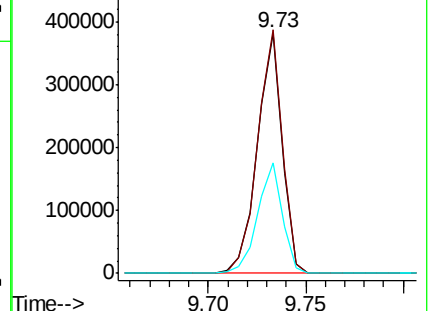
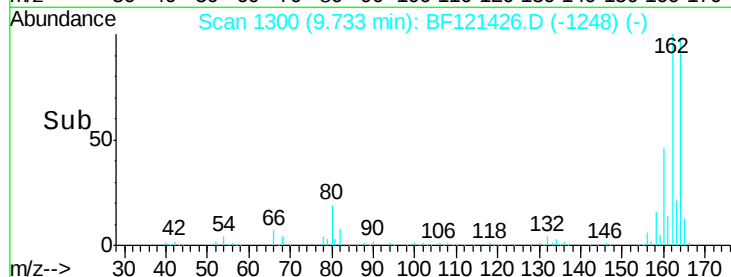
160 46.2 37.0 55.4



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: 36.085 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Tgt Ion:216 Resp: 359559

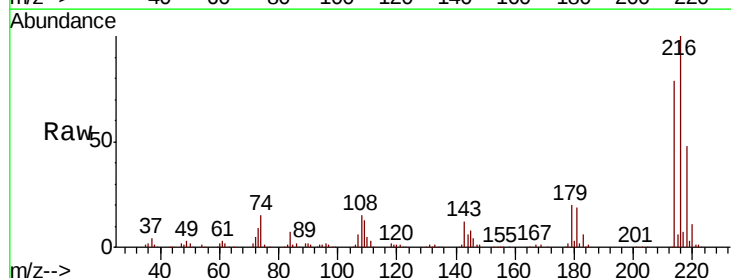
Ion Ratio Lower Upper

216 100

214 79.6 64.2 96.2

179 20.8 16.4 24.6

108 19.1 14.2 21.4

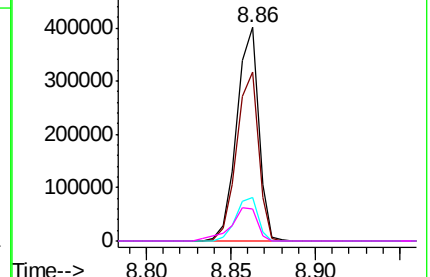
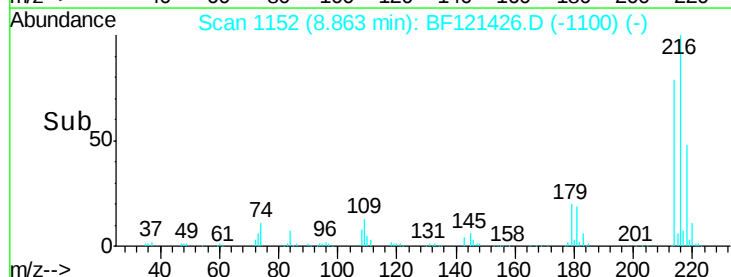


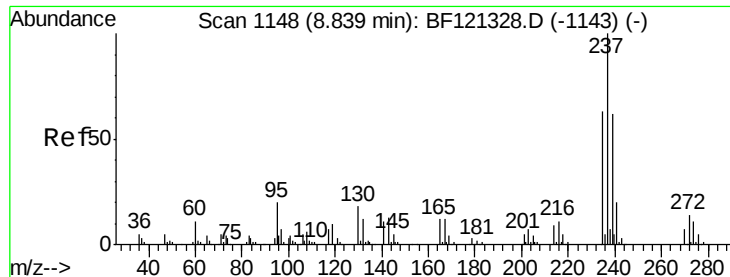
Abundance Ion 216.00 (215.70 to 216.70): E

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

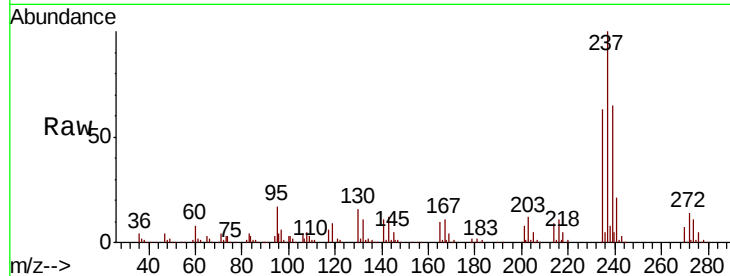




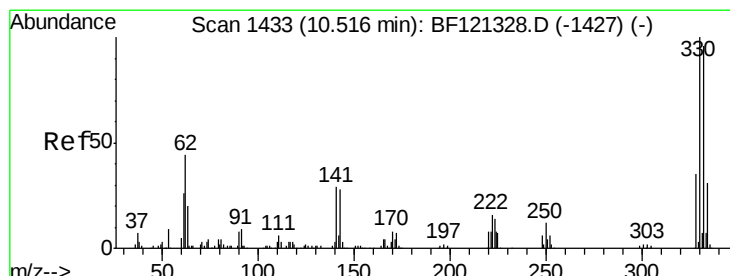
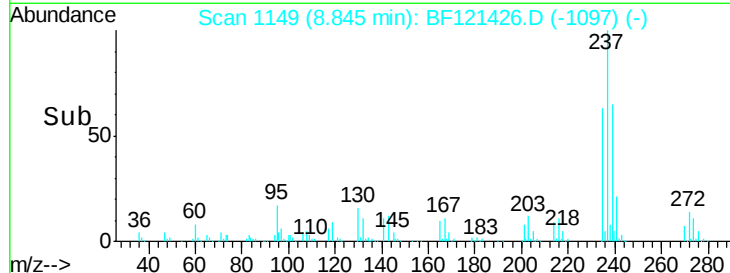
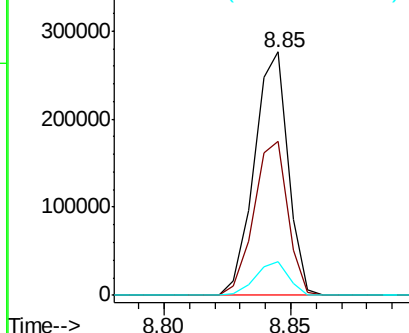
#41
Hexachlorocyclopentadiene
Concen: 66.419 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.7	82.7
272	14.1	0.0	33.7

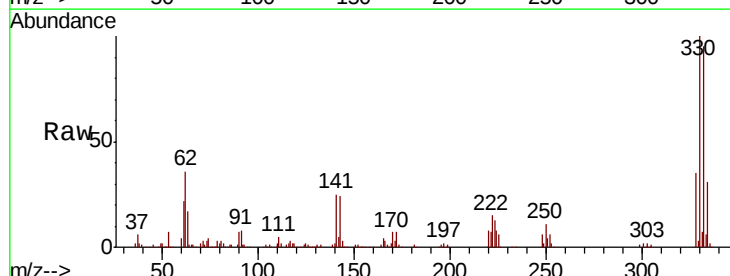


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

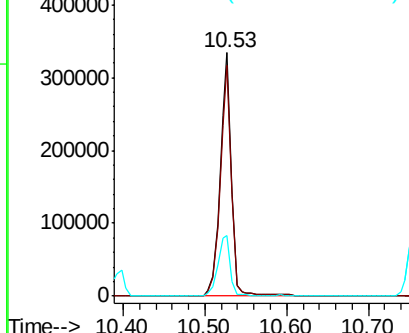


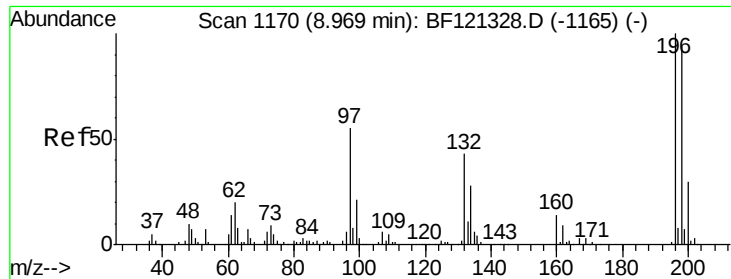
#42
2,4,6-Tribromophenol
Concen: 82.736 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	27.8	22.8	34.2



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

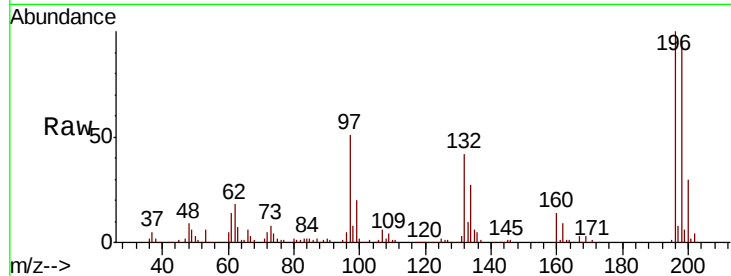




#43
 2,4,6-Trichlorophenol
 Concen: 36.821 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	196	Resp	250824
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.6	113.4
200	30.5	24.2	36.2

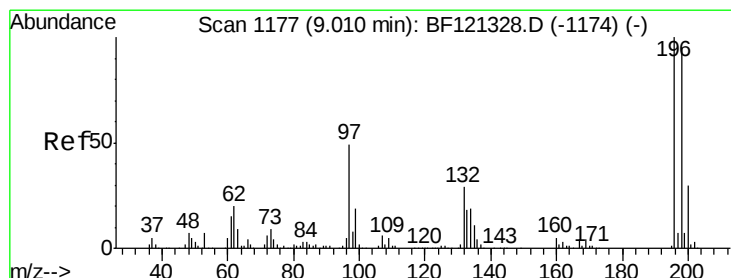
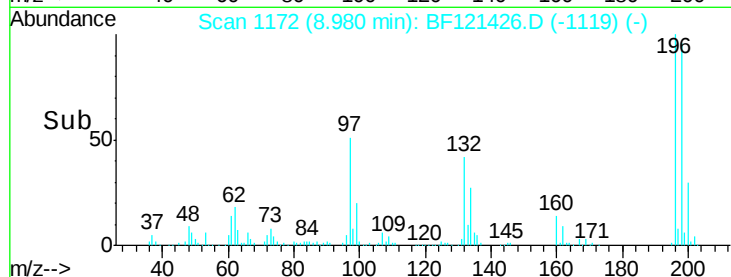
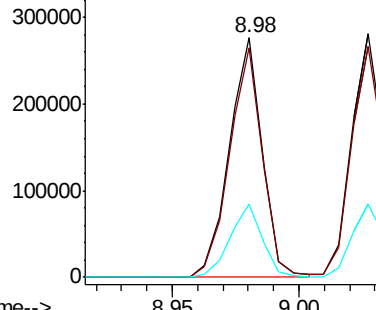


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.501 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.02 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	196	Resp	269830
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.6	113.4
97	45.7	39.6	59.4
132	27.3	23.3	34.9

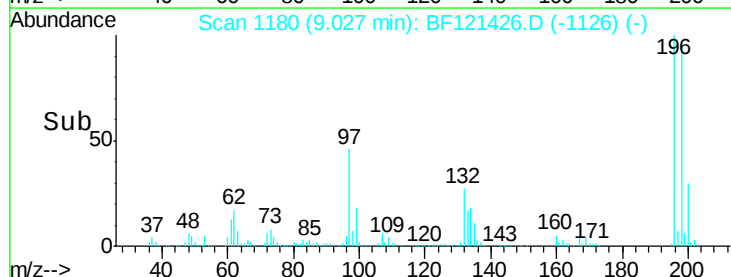
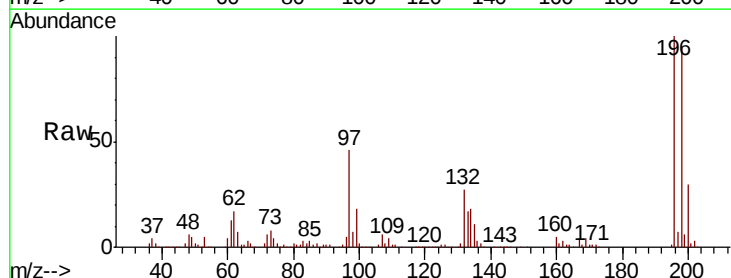
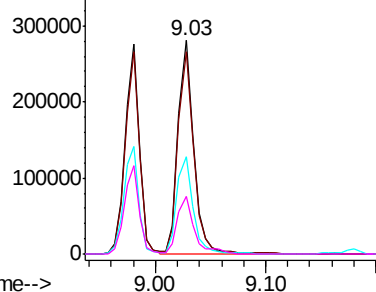
Abundance

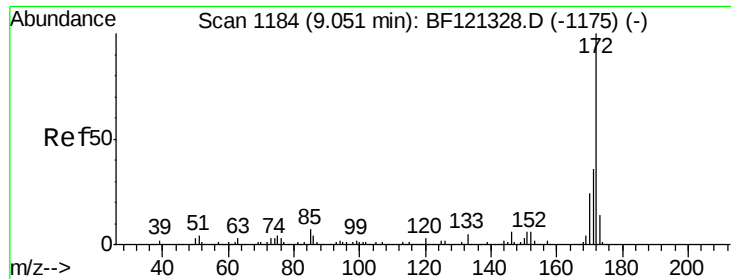
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



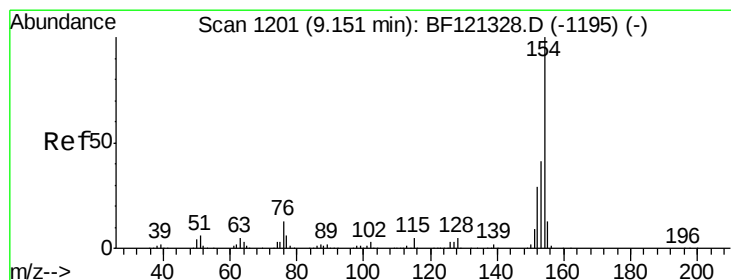
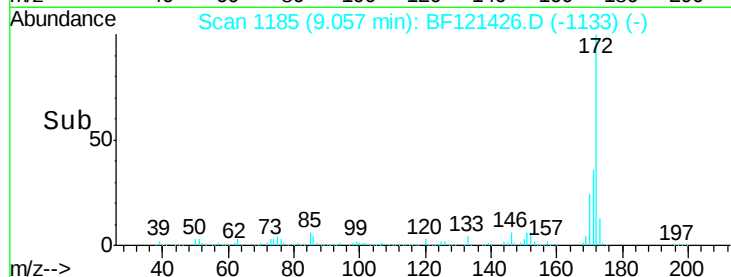
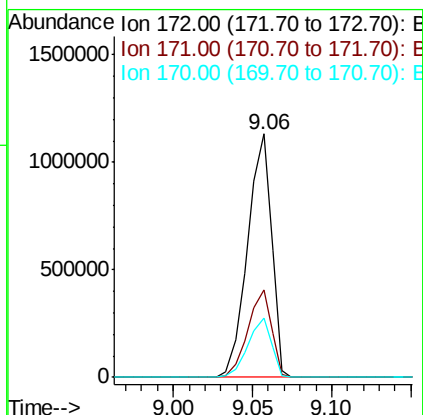
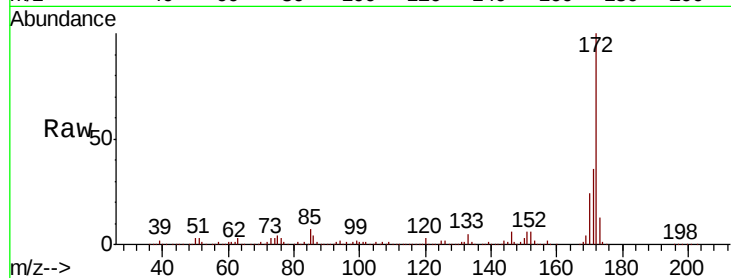


#45
 2-Fluorobiphenyl
 Concen: 64.773 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion:172 Resp: 1186570

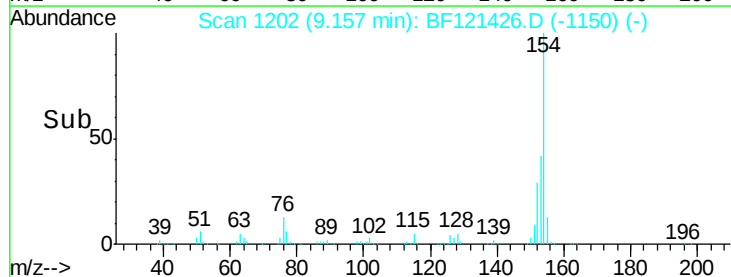
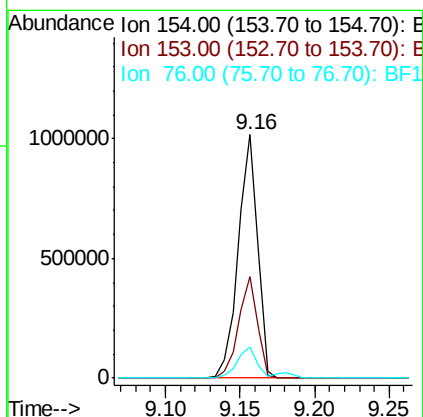
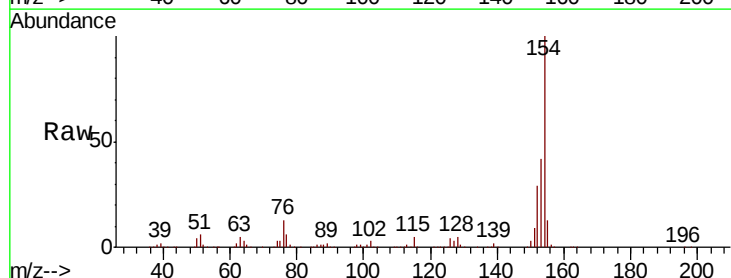
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.3	19.4	29.2

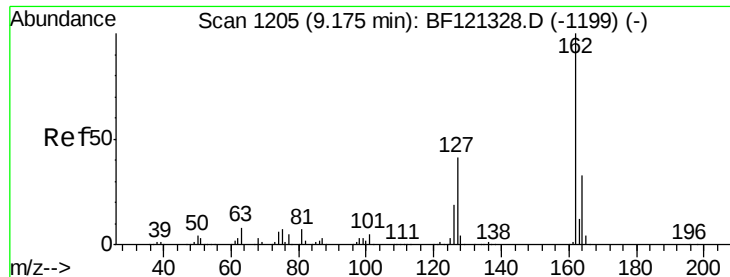


#46
 1,1'-Biphenyl
 Concen: 36.681 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion:154 Resp: 923000

Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.8	60.8
76	12.9	0.0	33.1

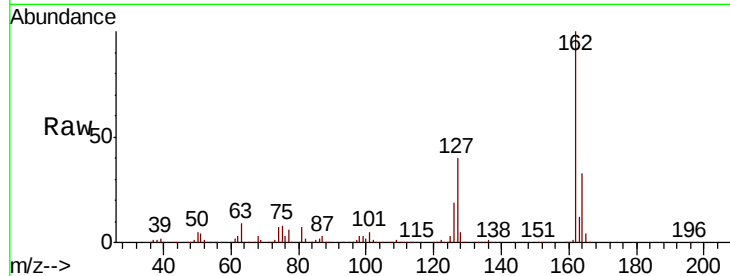




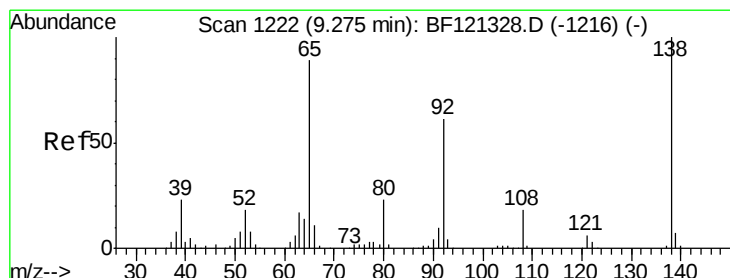
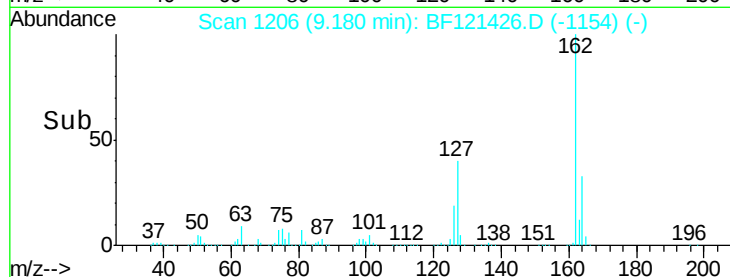
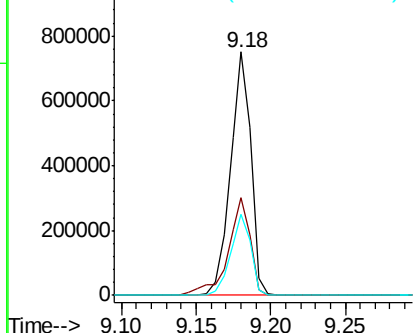
#47
 2-Chloronaphthalene
 Concen: 34.841 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.1	49.7
164	33.1	26.5	39.7

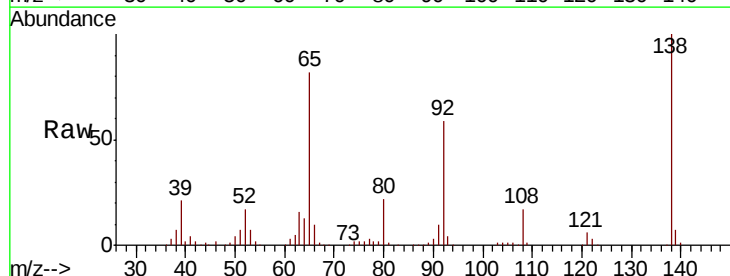


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

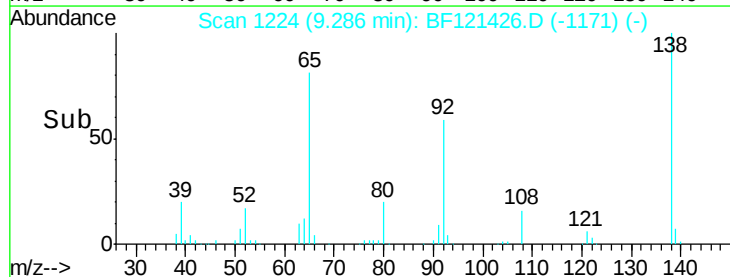
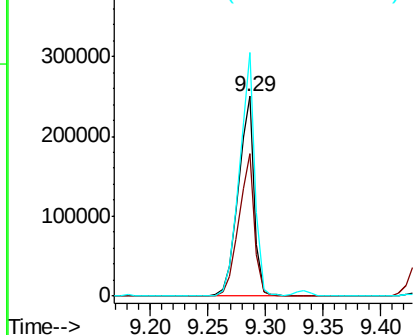


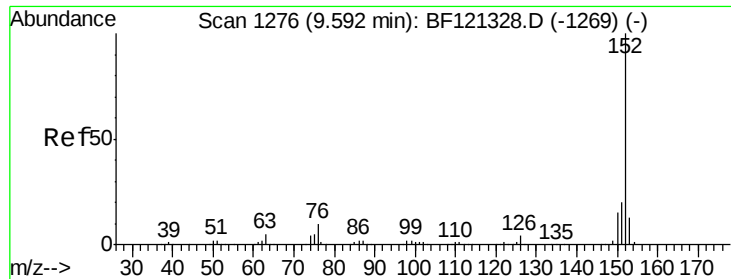
#48
 2-Nitroaniline
 Concen: 36.777 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	54.9	82.3
138	121.8	89.5	134.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.152 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

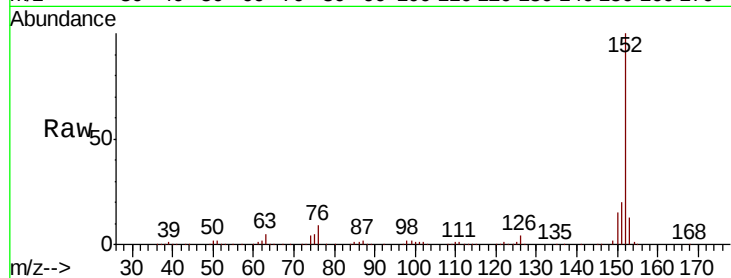
Tot Ion:152 Resp: 1143968

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

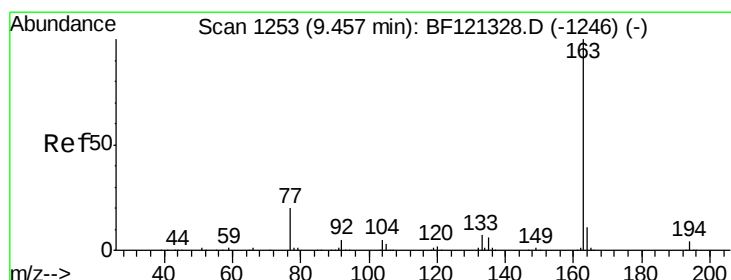
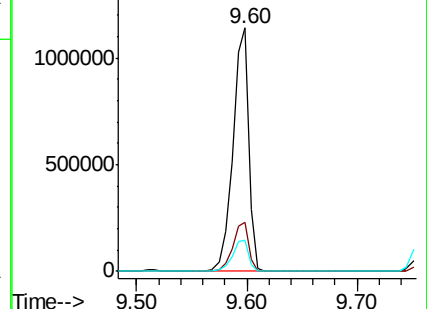
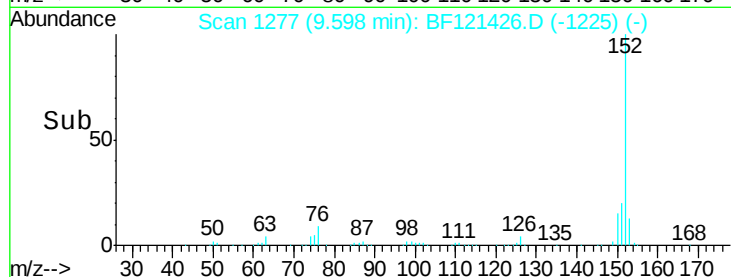
153 13.0 10.6 16.0



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: 42.203 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

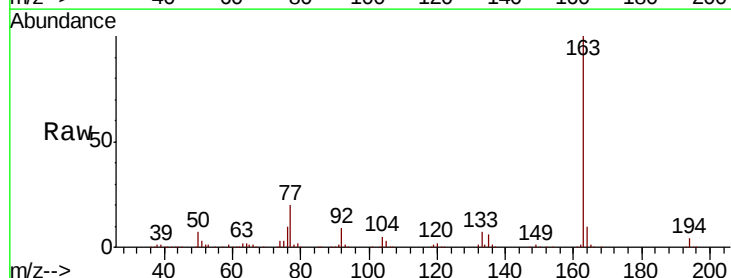
Tgt Ion:163 Resp: 1030789

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

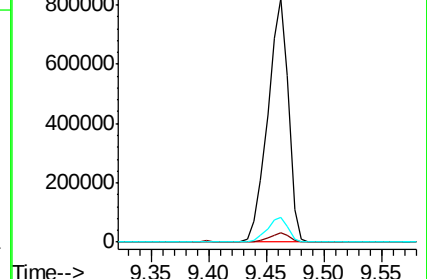
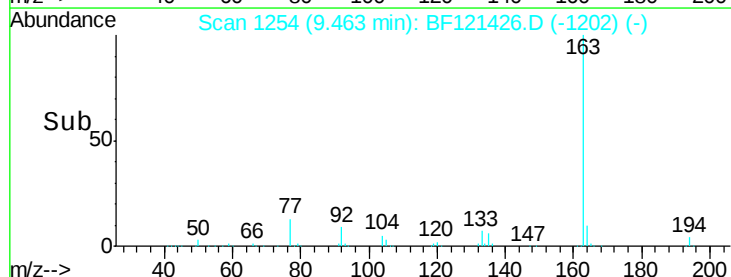
164 10.4 8.4 12.6

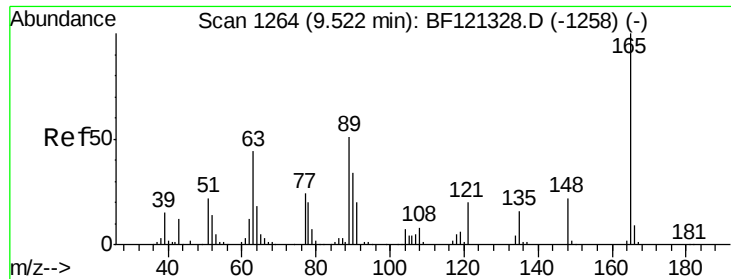


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

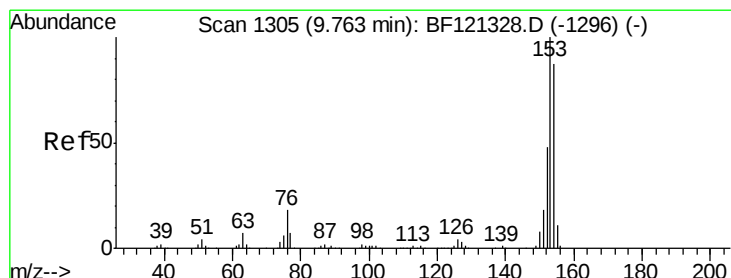
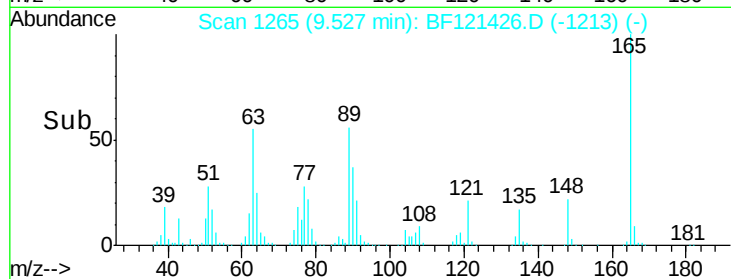
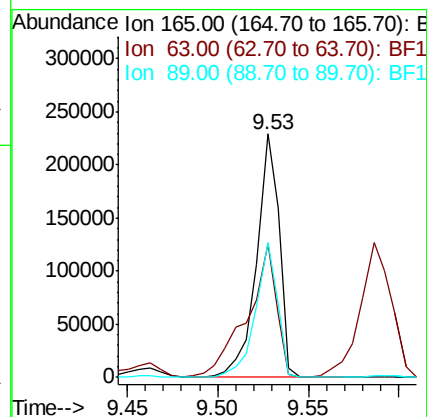
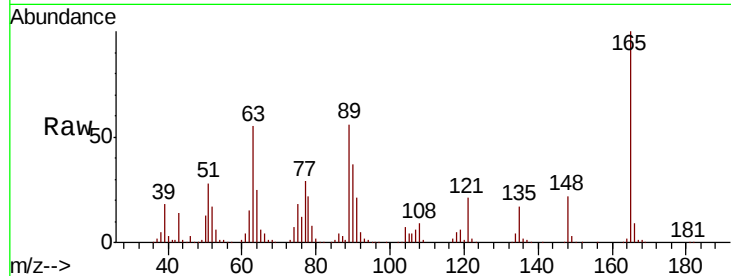




#51
 2,6-Dinitrotoluene
 Concen: 38.300 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

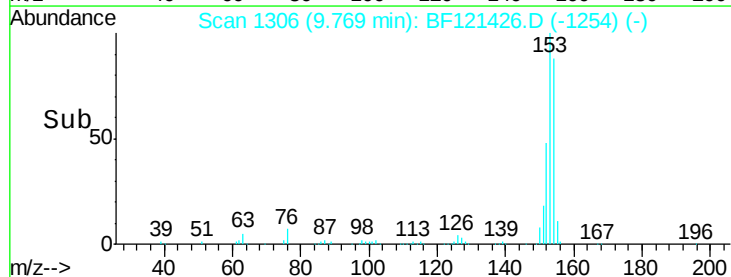
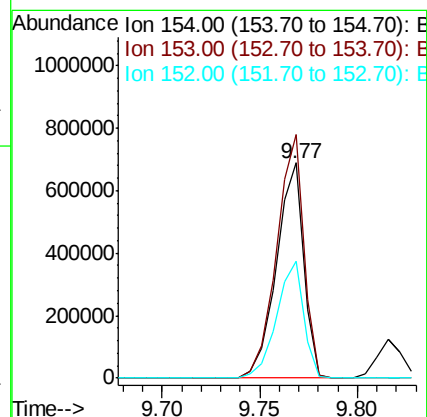
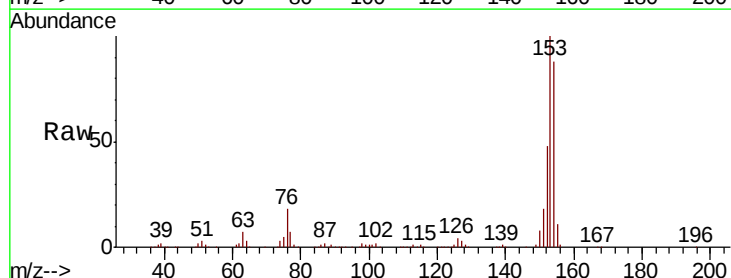
Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

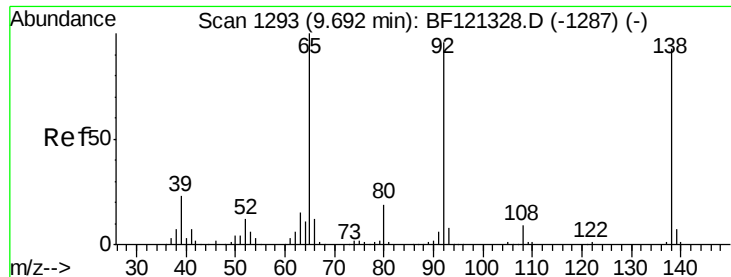
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.8	38.5	57.7
89	55.6	41.2	61.8



#52
 Acenaphthene
 Concen: 35.664 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.0	138.0
152	54.6	44.6	66.8

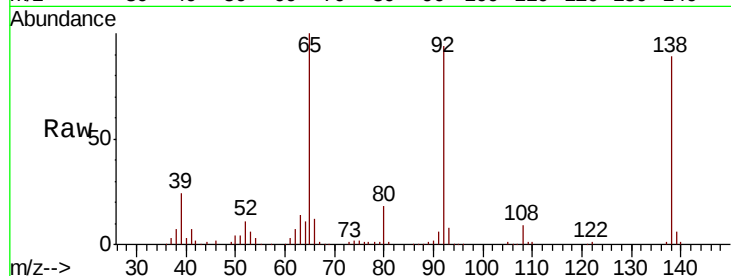




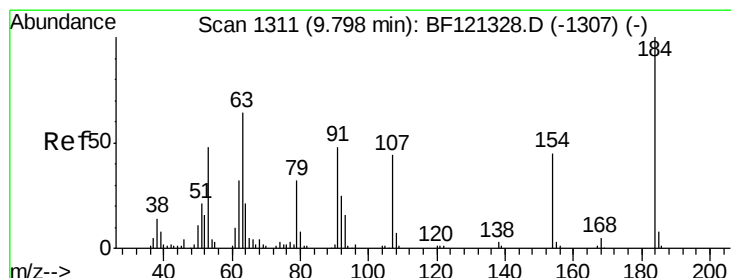
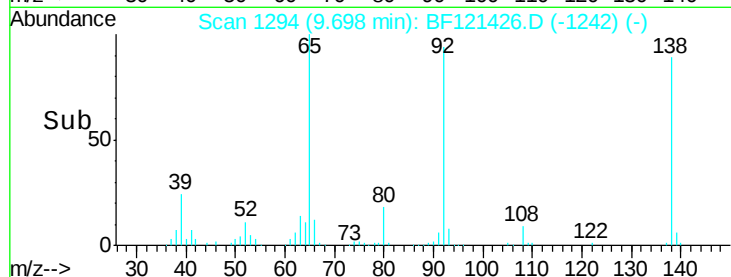
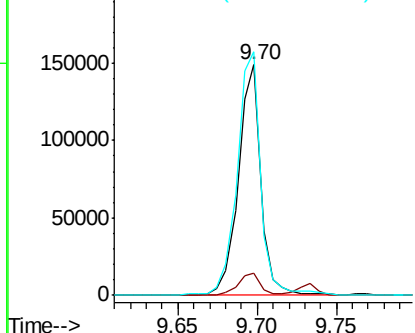
#53
 3-Nitroaniline
 Concen: 22.437 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion:138 Resp: 146410
 Ion Ratio Lower Upper
 138 100
 108 9.6 7.5 11.3
 92 105.5 83.0 124.4

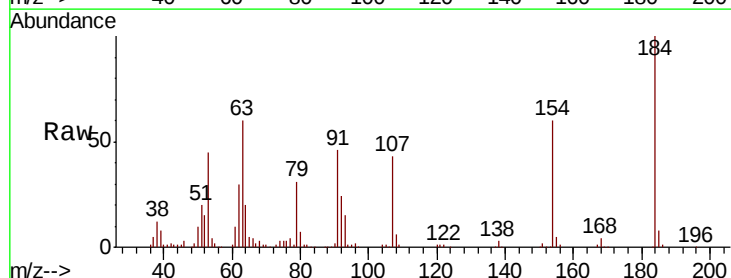


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

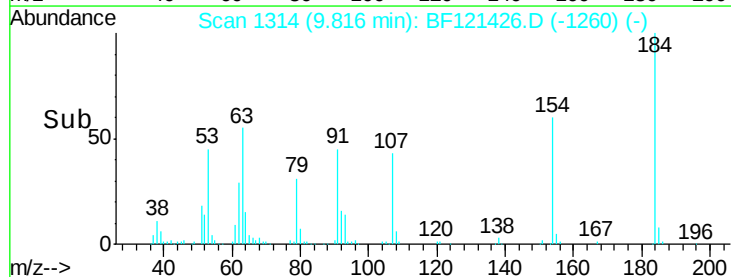
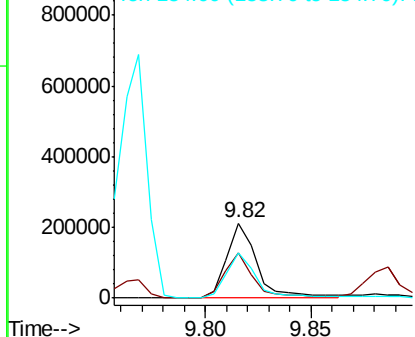


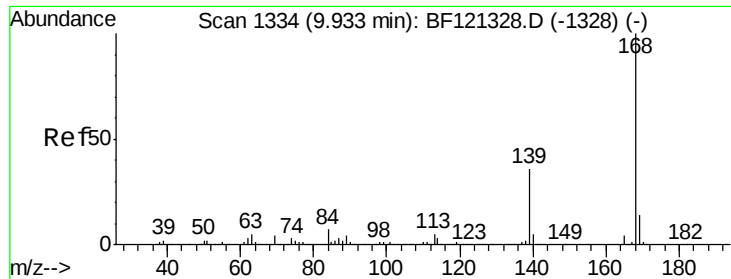
#54
 2,4-Dinitrophenol
 Concen: 83.626 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.02 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion:184 Resp: 210301
 Ion Ratio Lower Upper
 184 100
 63 60.3 51.5 77.3
 154 59.6 48.0 72.0



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

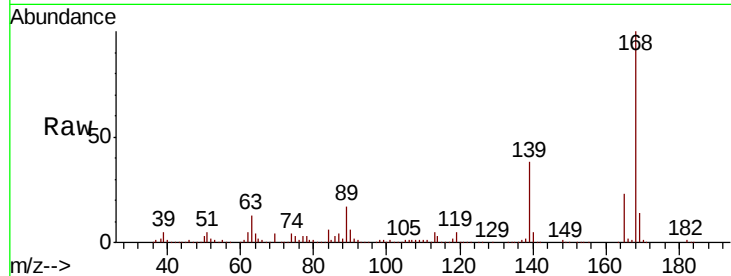




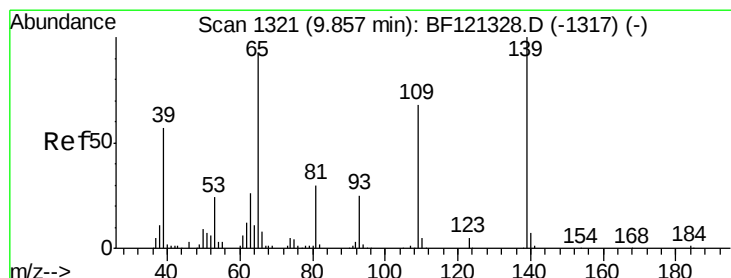
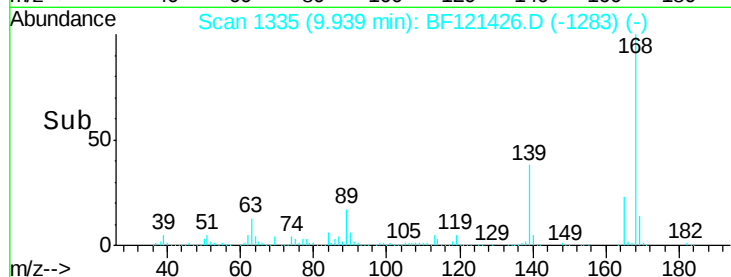
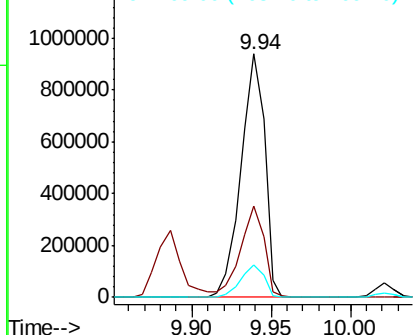
#55
Dibenzofuran
Concen: 40.076 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion:168 Resp: 971104
Ion Ratio Lower Upper
168 100
139 37.6 29.1 43.7
169 13.6 11.0 16.6

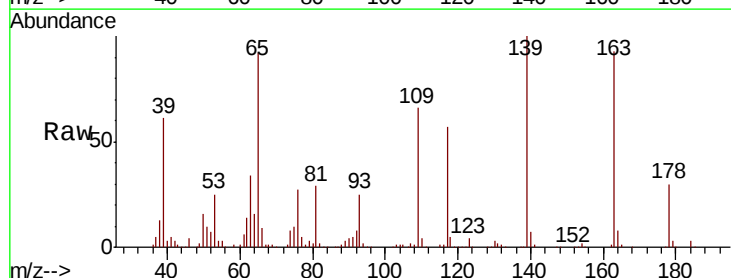


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

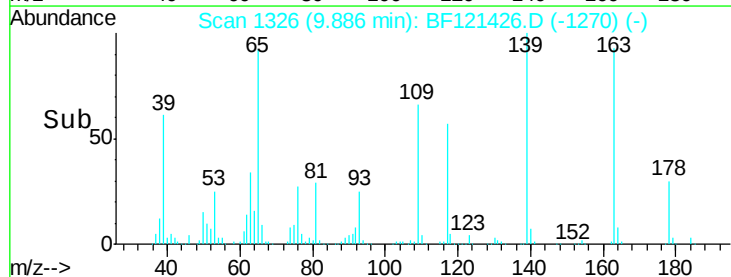
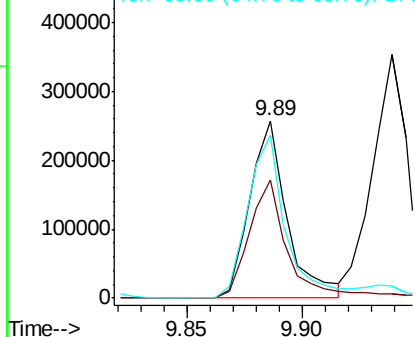


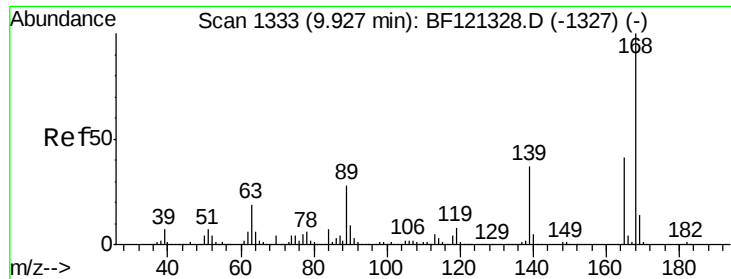
#56
4-Nitrophenol
Concen: 72.544 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.03 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion:139 Resp: 291943
Ion Ratio Lower Upper
139 100
109 66.4 47.7 87.7
65 91.7 73.2 113.2



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

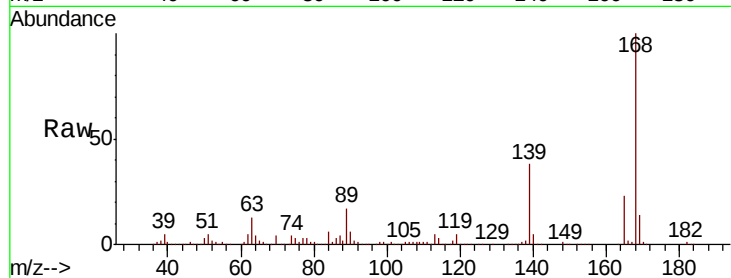




#57
 2,4-Dinitrotoluene
 Concen: 37.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.8	37.5	56.3#
89	74.7	54.2	81.4
182	2.7	2.2	3.4

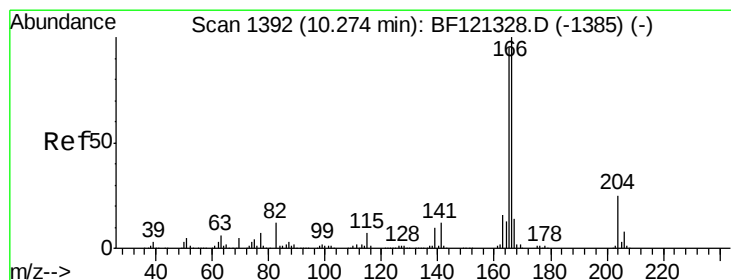
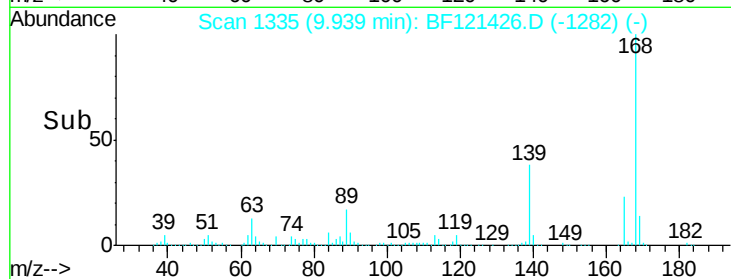
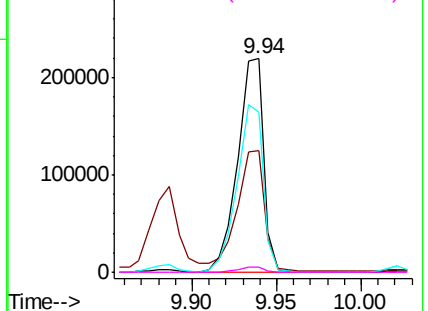


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

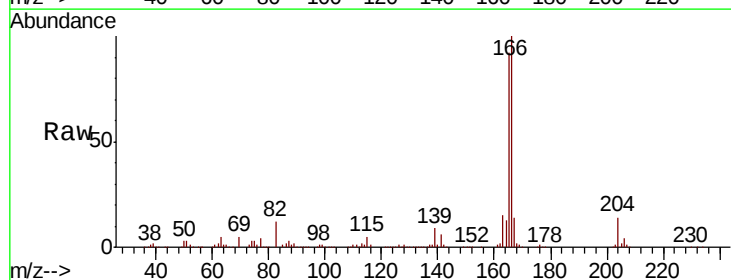
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 43.249 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

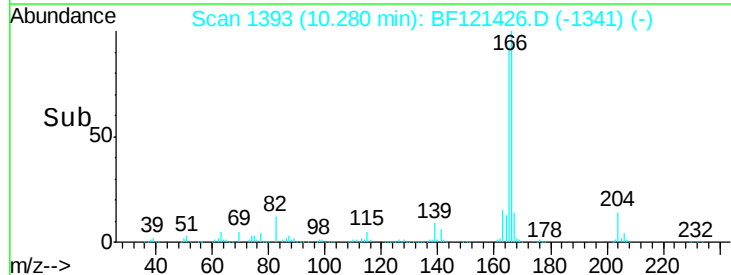
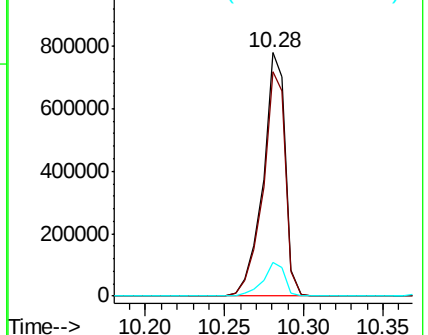
Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.4	75.8	113.8
167	13.8	11.0	16.4

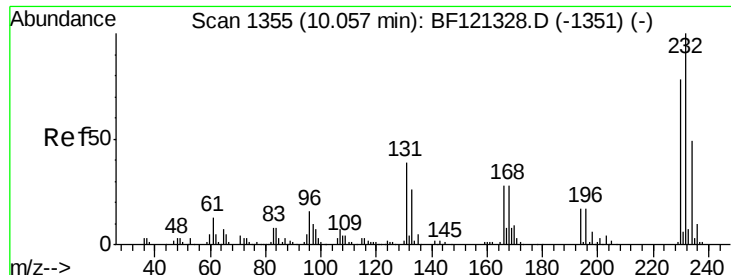


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

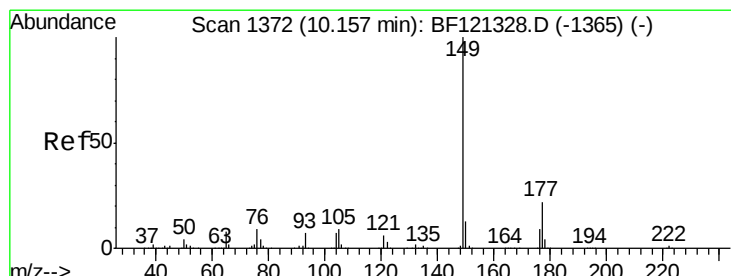
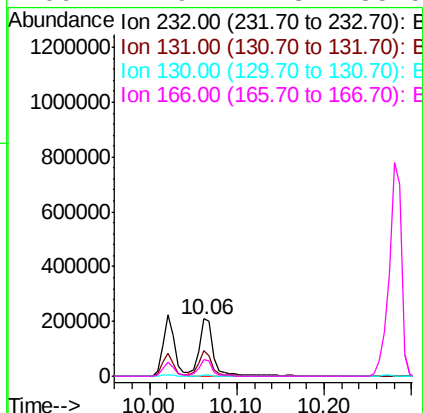
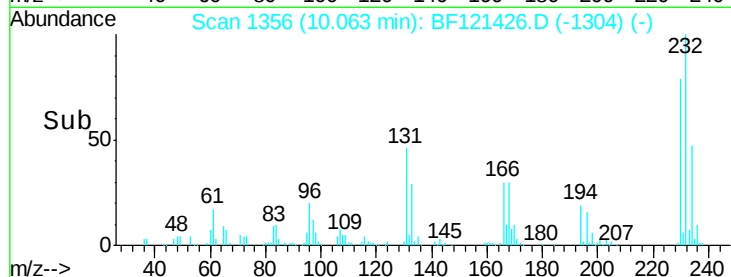
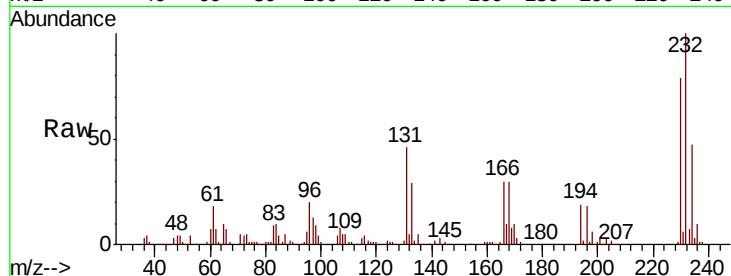




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.240 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

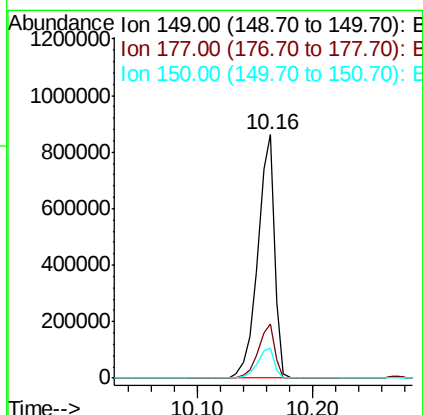
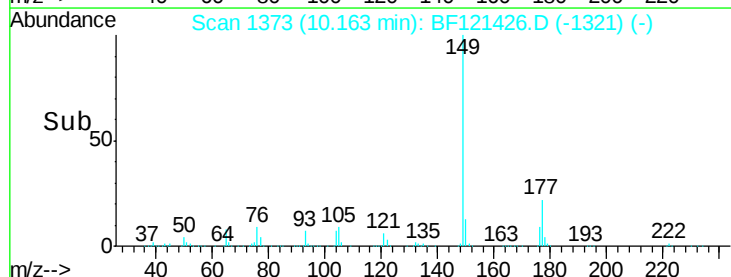
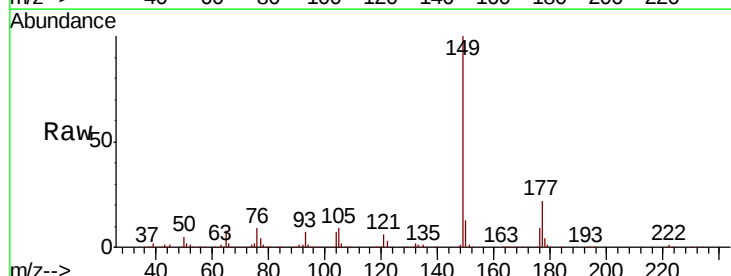
Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

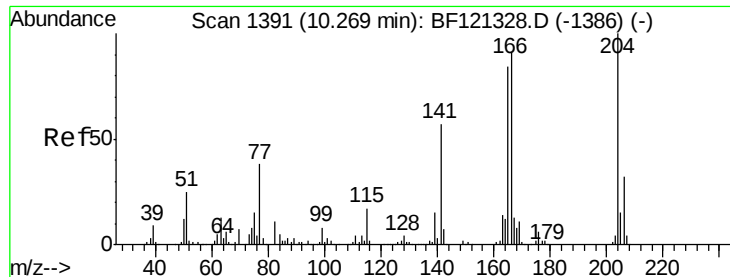
Tot Ion:	232	Resp:	235088
Ion	Ratio	Lower	Upper
232	100		
131	41.8	34.2	51.4
130	2.1	1.7	2.5
166	27.9	22.3	33.5



#60
 Diethylphthalate
 Concen: 36.834 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion:	149	Resp:	878516
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.6	26.4
150	12.5	10.1	15.1

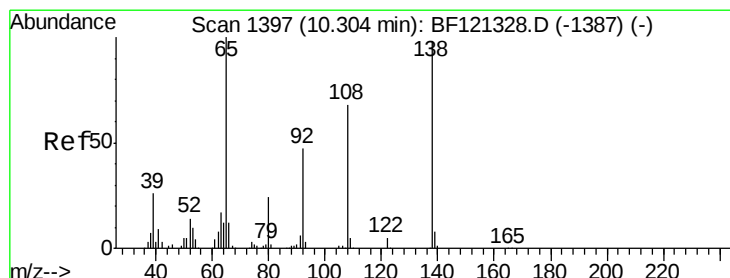
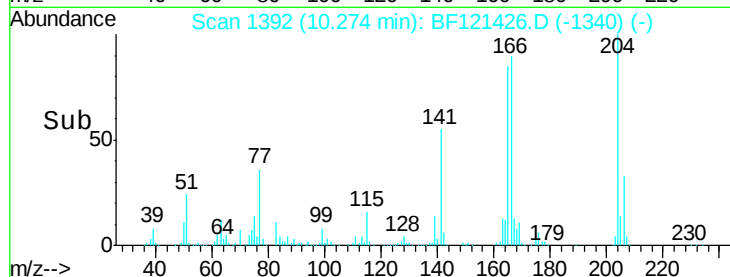
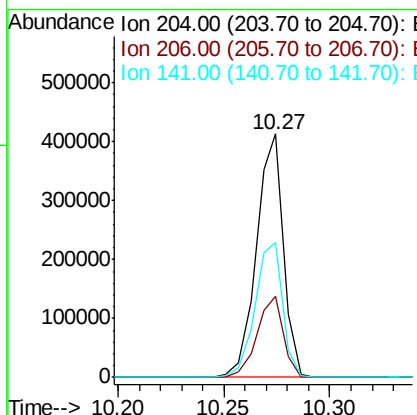
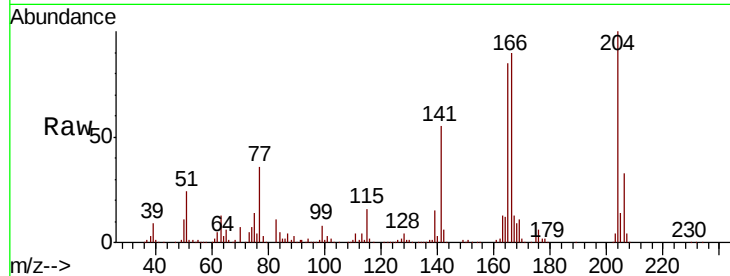




#61
 4-Chlorophenyl-phenylether
 Concen: 40.830 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

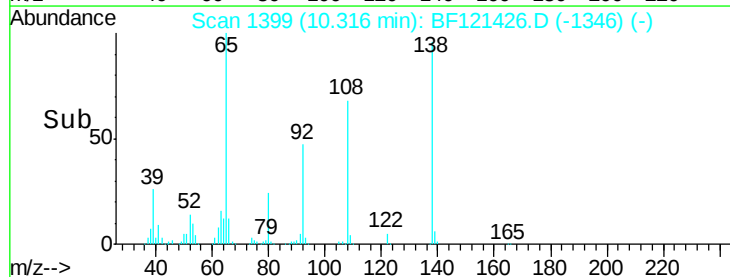
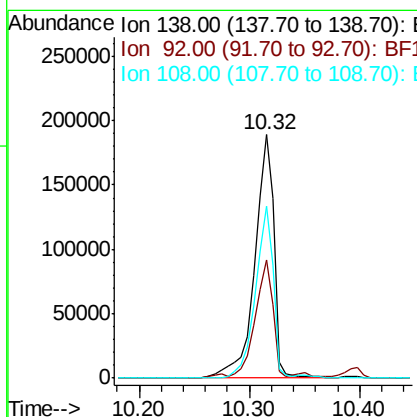
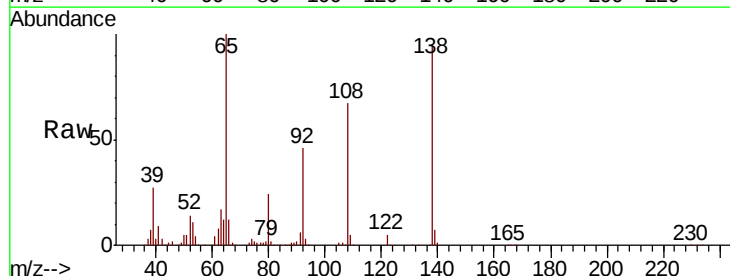
Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

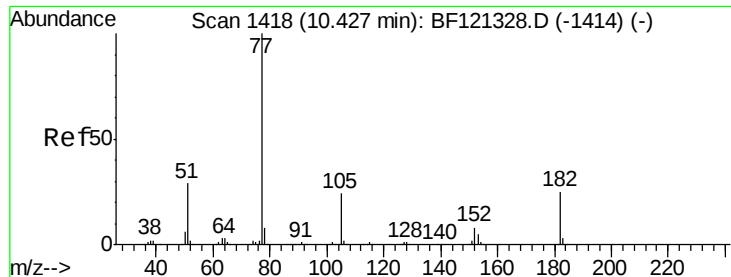
Tot Ion:	204	Resp:	366251
Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.9	38.9
141	55.1	45.5	68.3



#62
 4-Nitroaniline
 Concen: 34.700 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion:	138	Resp:	232010
Ion	Ratio	Lower	Upper
138	100		
92	48.6	28.1	68.1
108	70.6	49.5	89.5





#63

Azobenzene

Concen: 36.921 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

Tot Ion: 77 Resp: 817909

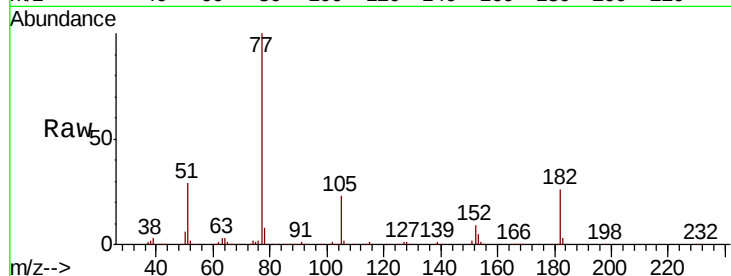
Ion Ratio Lower Upper

77 100

182 26.1 5.0 45.0

105 23.4 3.6 43.6

51 29.4 8.8 48.8

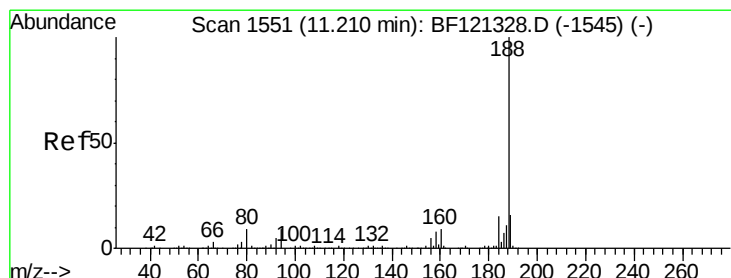
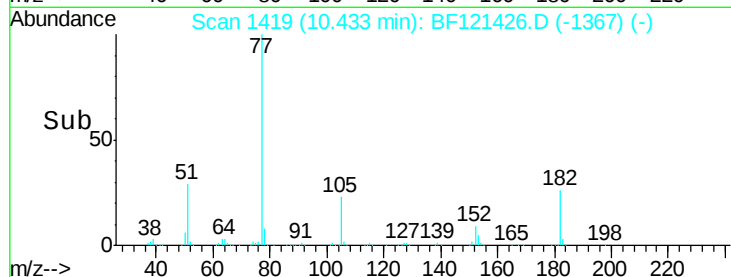
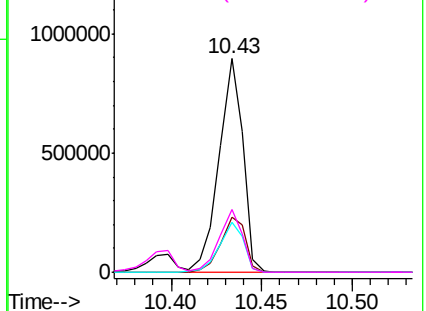


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

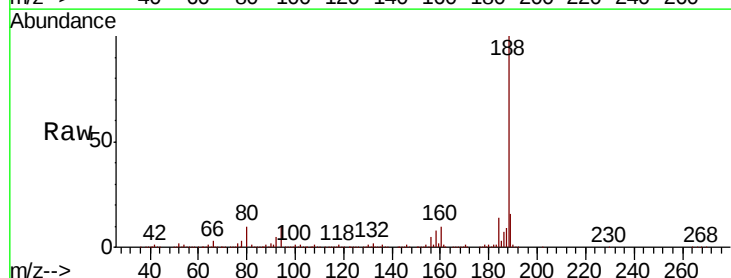
Tgt Ion: 188 Resp: 670230

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

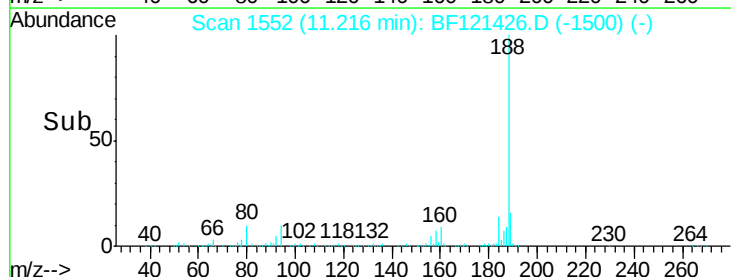
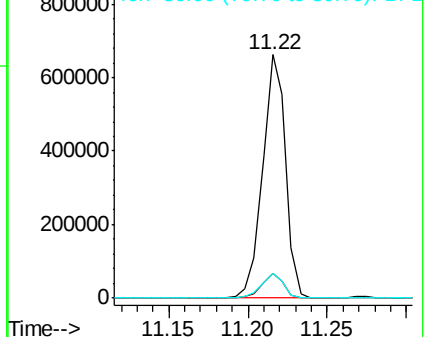
80 10.3 7.4 11.0

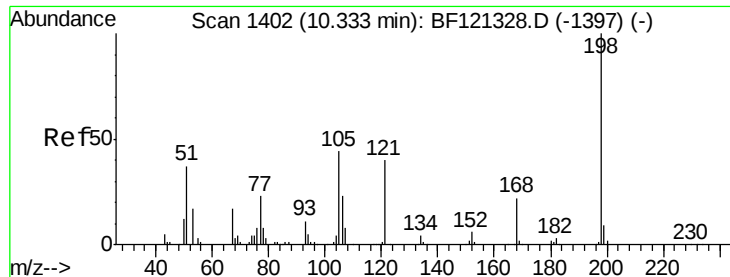


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

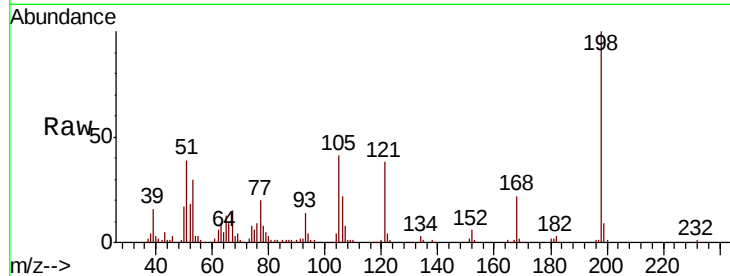




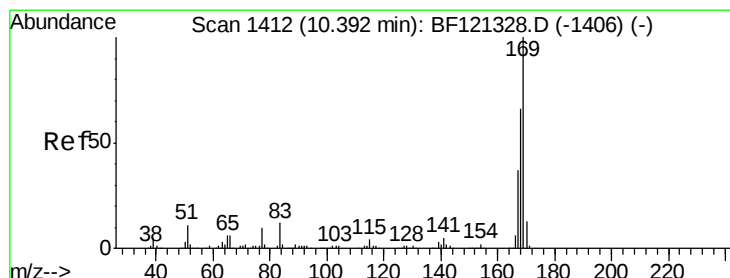
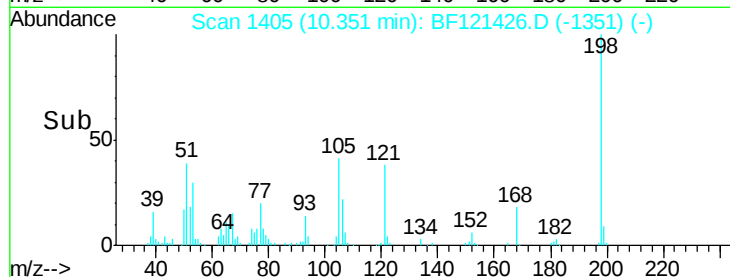
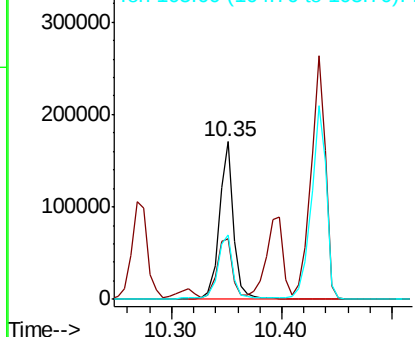
#65
4,6-Dinitro-2-methylphenol
Concen: 42.871 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.02 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion:198 Resp: 153666
Ion Ratio Lower Upper
198 100
51 38.9 25.5 65.5
105 40.8 24.9 64.9

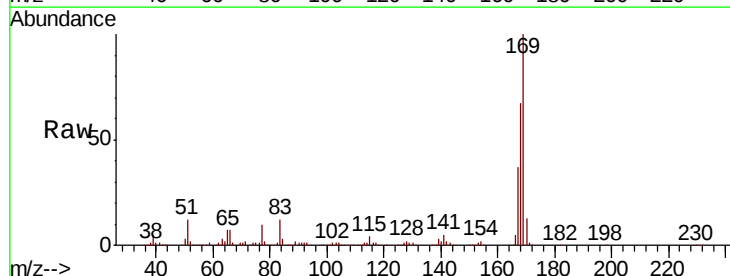


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

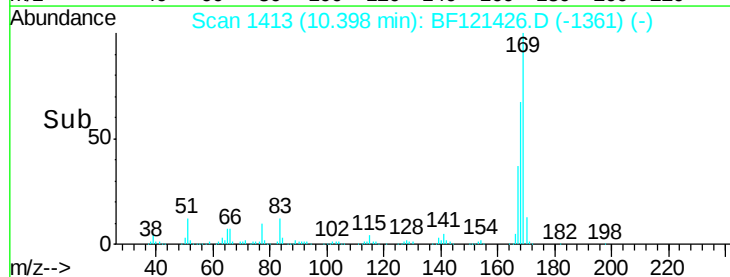
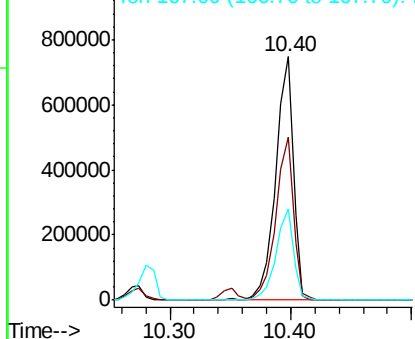


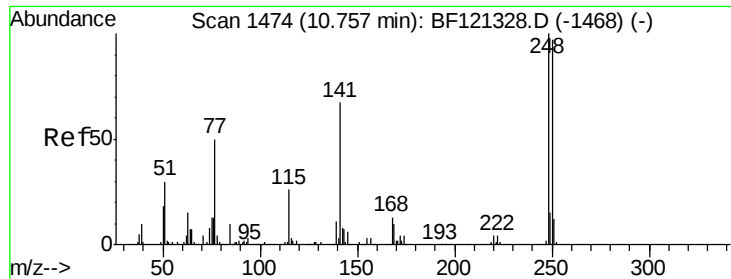
#66
n-Nitrosodiphenylamine
Concen: 36.351 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion:169 Resp: 751504
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 37.3 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

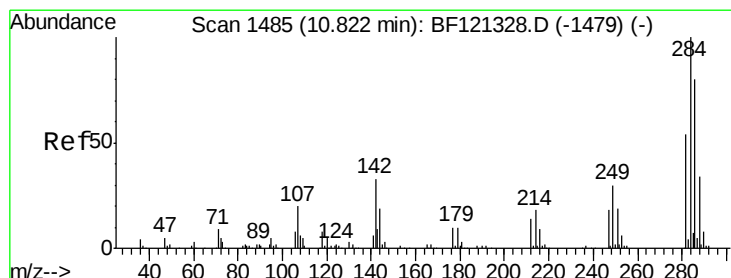
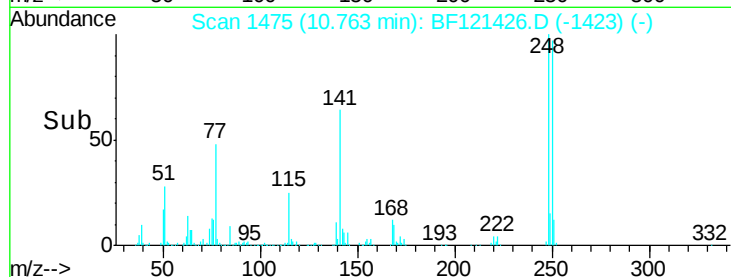
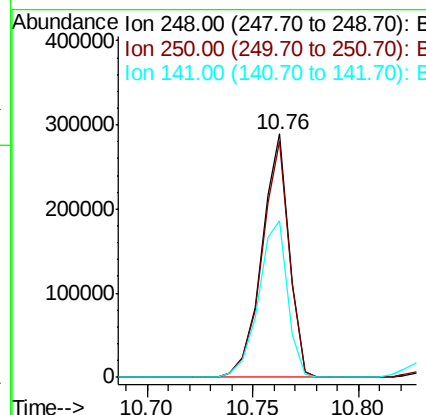
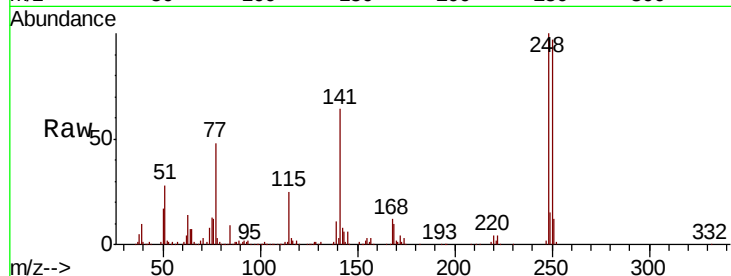




#67
4-Bromophenyl-phenylether
Concen: 35.016 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

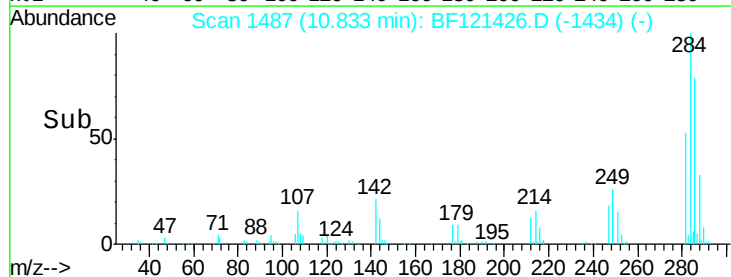
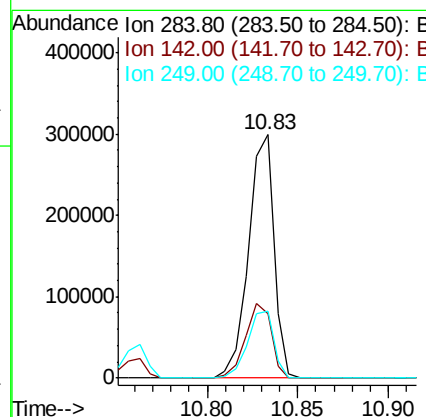
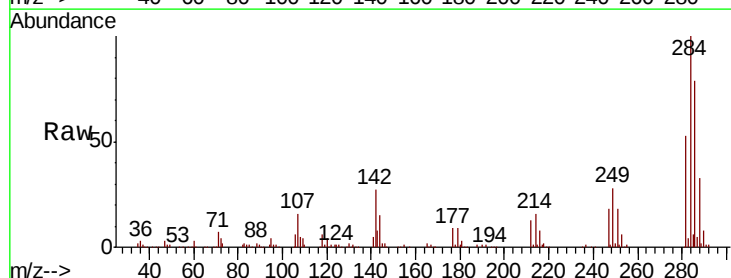
Instrument :
BNA_F
ClientSampleId :
RO-04MS

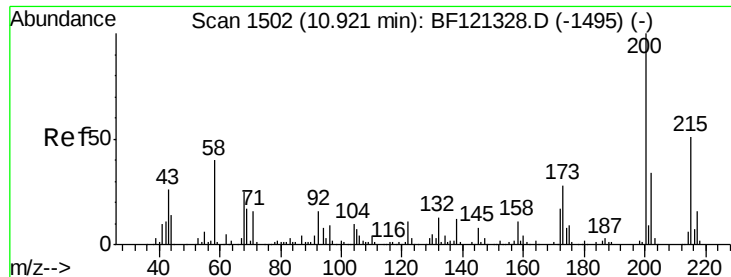
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.9	116.9
141	64.5	53.5	80.3



#68
Hexachlorobenzene
Concen: 34.071 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	26.1	39.1
249	27.7	24.0	36.0

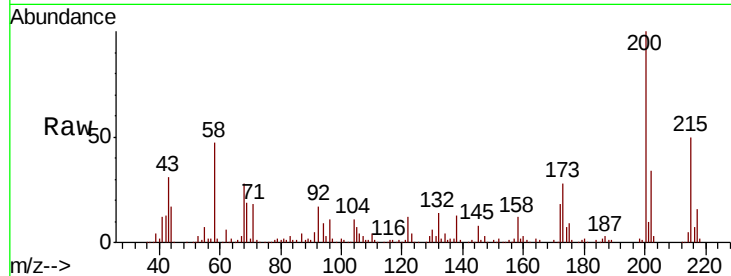




#69
Atrazine
Concen: 34.025 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.8	47.8
215	50.5	30.5	70.5

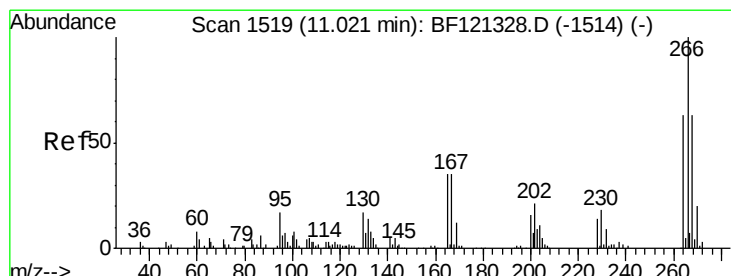
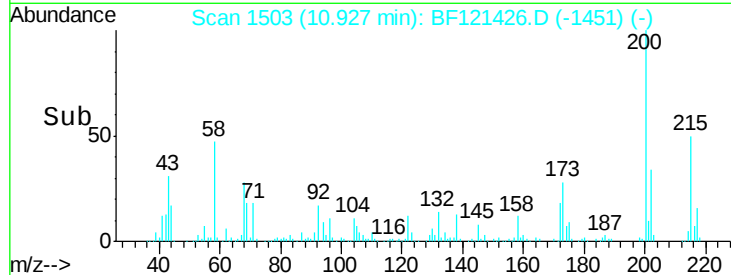
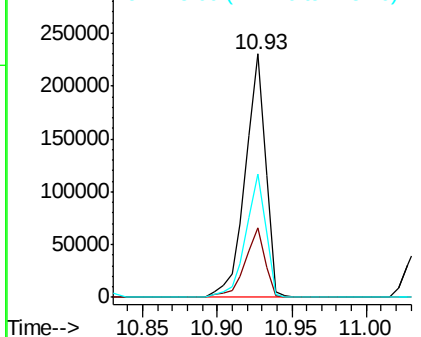


Abundance

Ion 200.00 (199.70 to 200.70): E

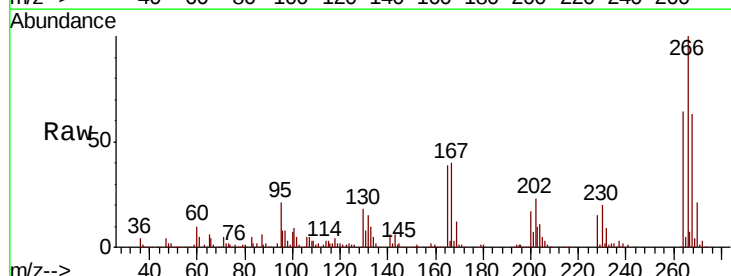
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.231 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.6	75.8
264	63.9	50.5	75.7

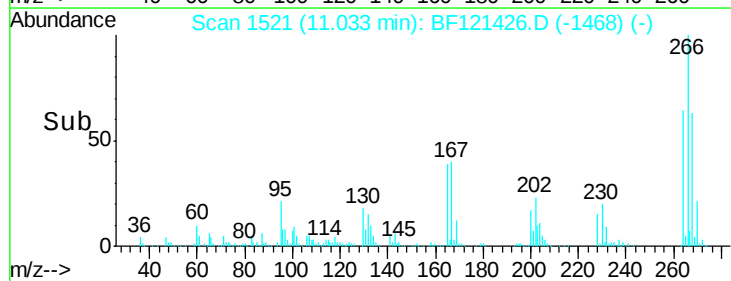
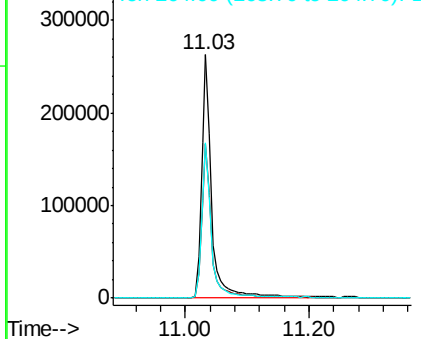


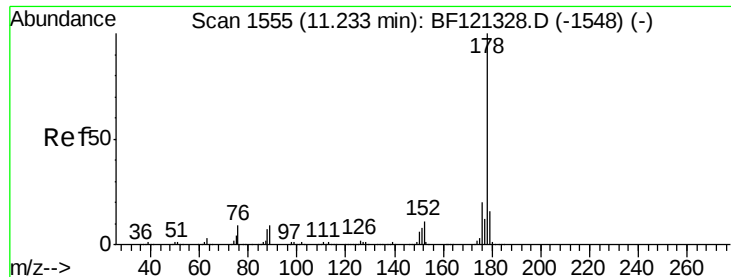
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

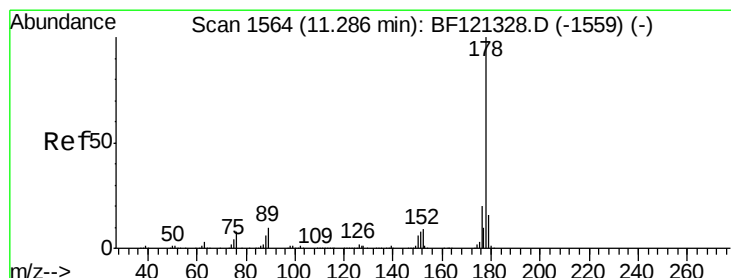
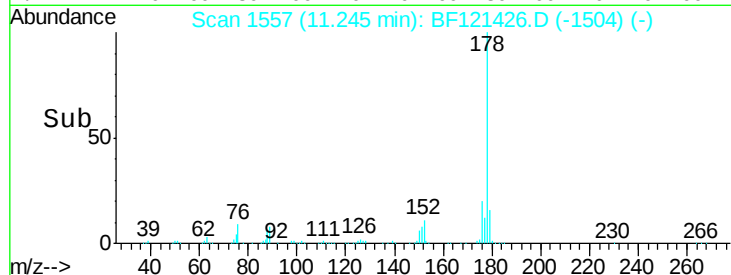
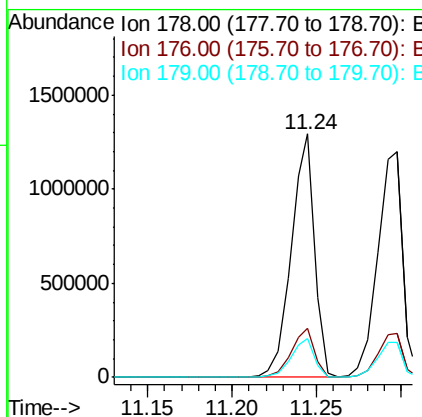
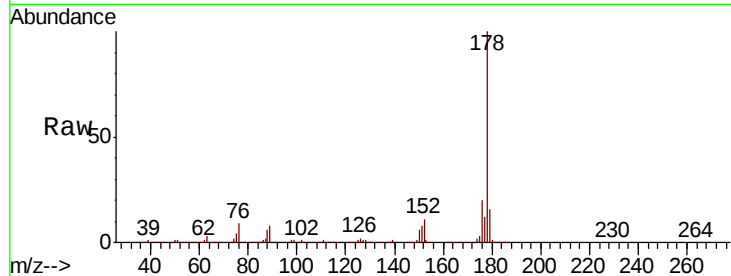




#71
Phenanthrene
Concen: 35.965 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

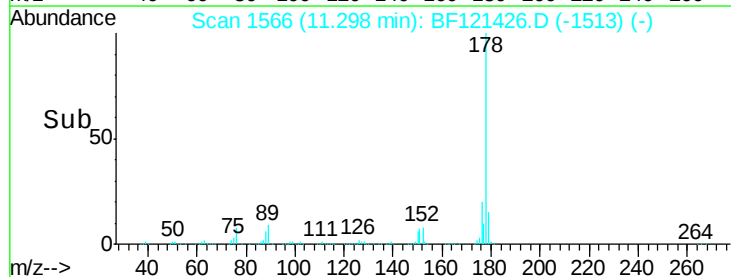
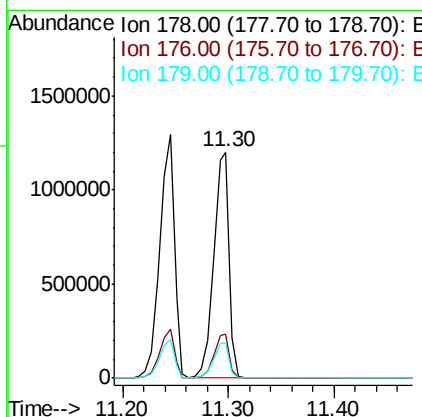
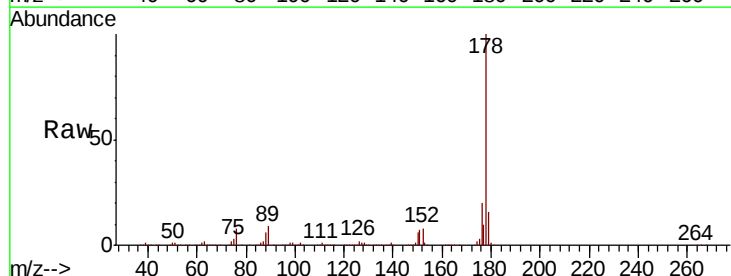
Instrument :
BNA_F
ClientSampleId :
RO-04MS

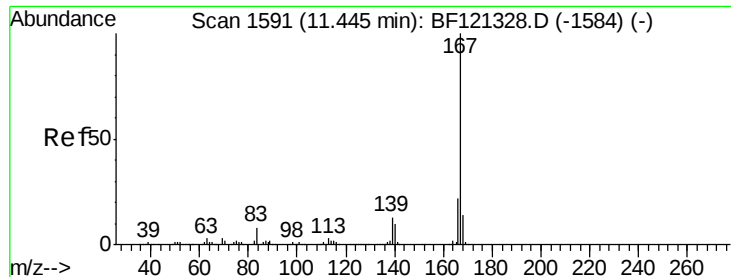
Tot Ion:178 Resp: 1247557
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.8 12.8 19.2



#72
Anthracene
Concen: 37.196 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion:178 Resp: 1242473
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.5 12.8 19.2

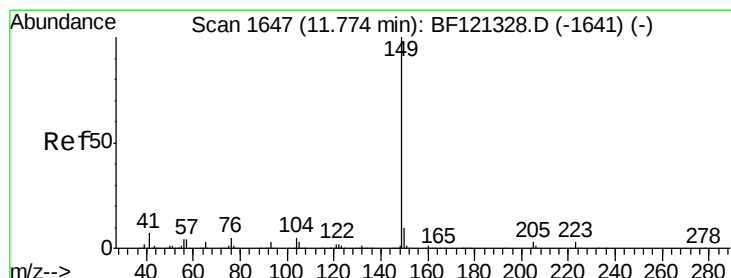
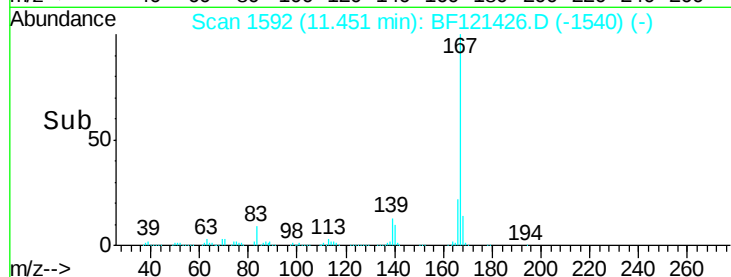
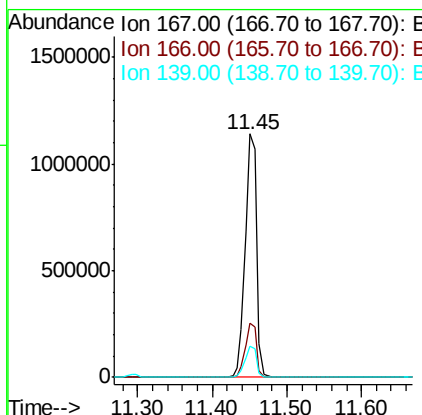
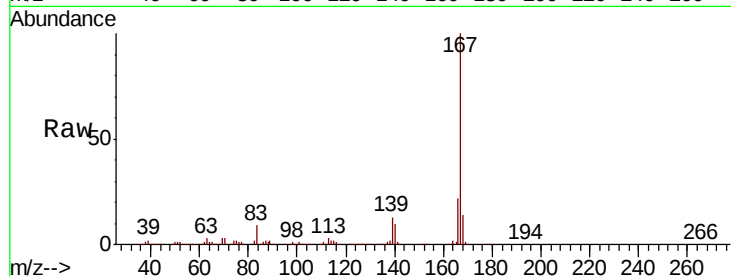




#73
 Carbazole
 Concen: 37.405 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

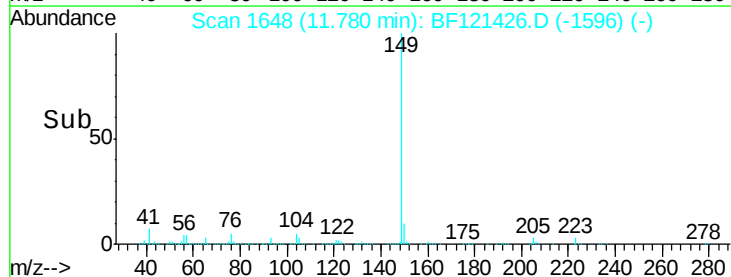
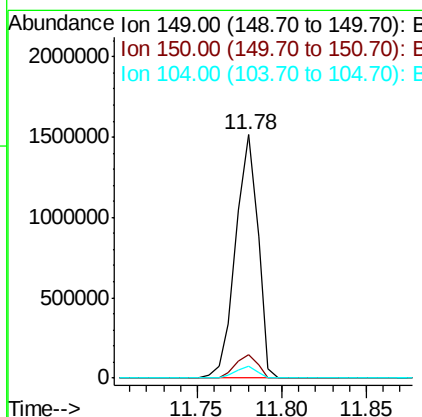
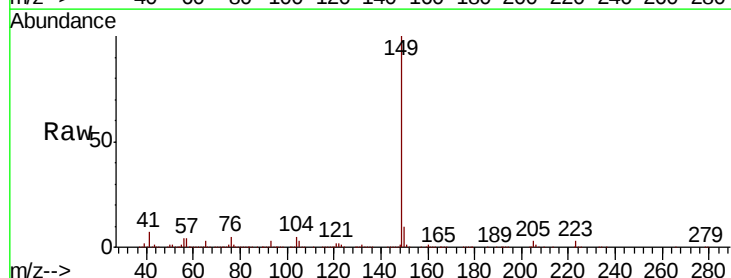
Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

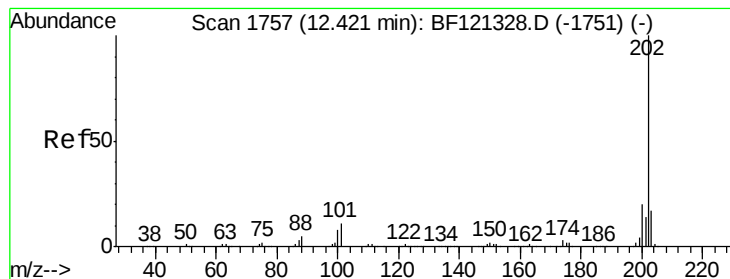
Tot Ion:167 Resp: 1192432
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 12.9 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 36.081 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion:149 Resp: 1387016
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 39.483 ng

RT: 12.43 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

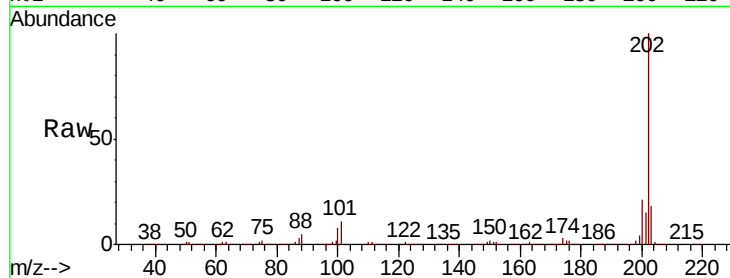
Tot Ion:202 Resp: 1486561

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.6

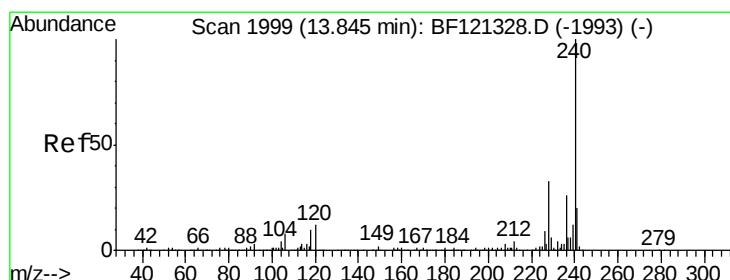
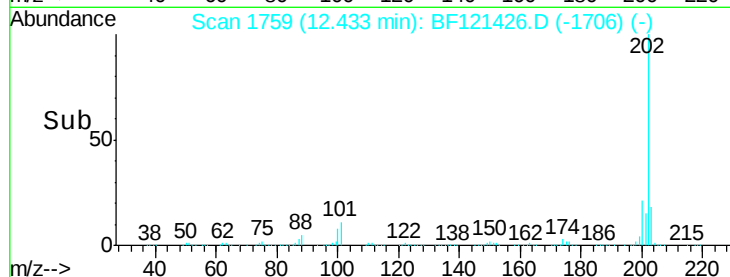
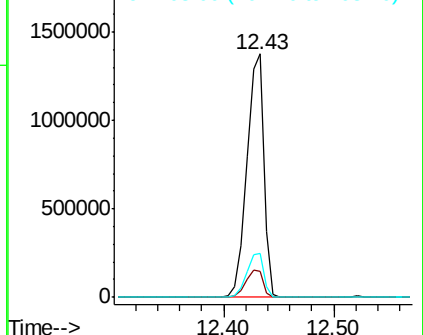
203 17.8 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.86 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

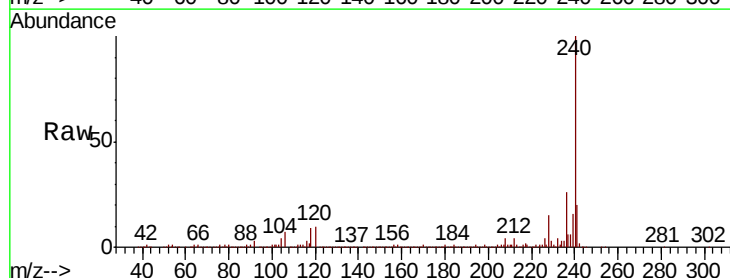
Tgt Ion:240 Resp: 548811

Ion Ratio Lower Upper

240 100

120 10.4 9.6 14.4

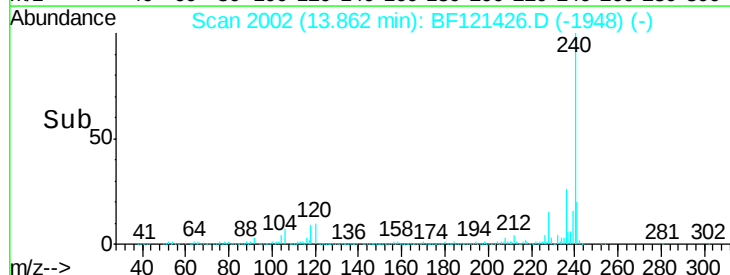
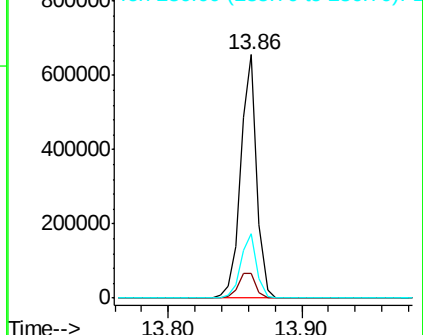
236 26.3 20.6 31.0

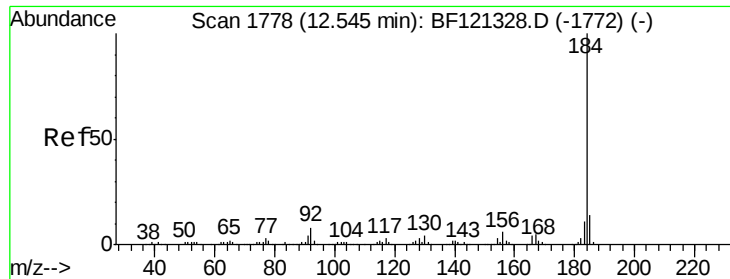


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.733 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

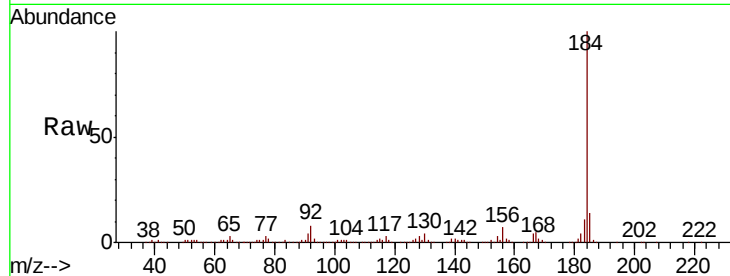
Tot Ion:184 Resp: 767091

Ion Ratio Lower Upper

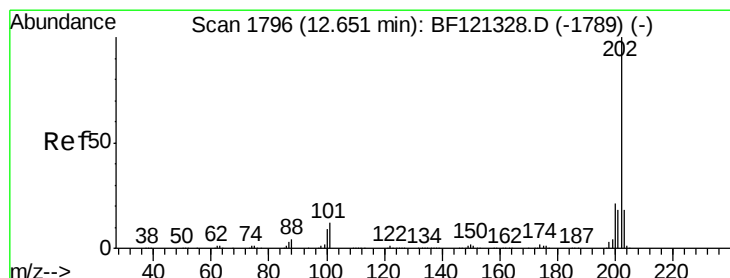
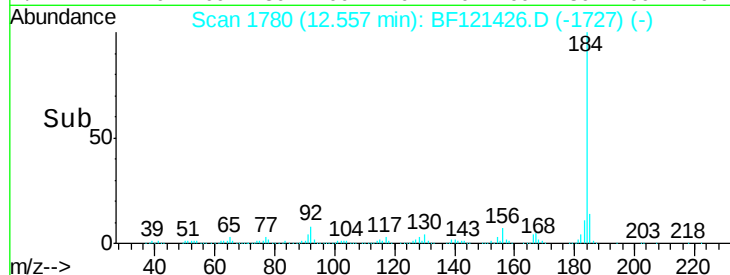
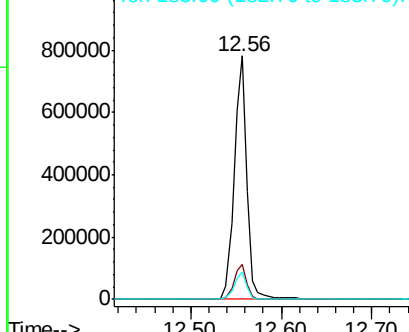
184 100

185 14.3 11.6 17.4

183 11.2 8.7 13.1



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



#78

Pyrene

Concen: 36.548 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

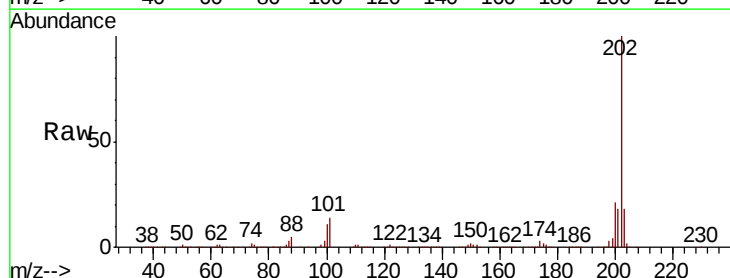
Tgt Ion:202 Resp: 1506686

Ion Ratio Lower Upper

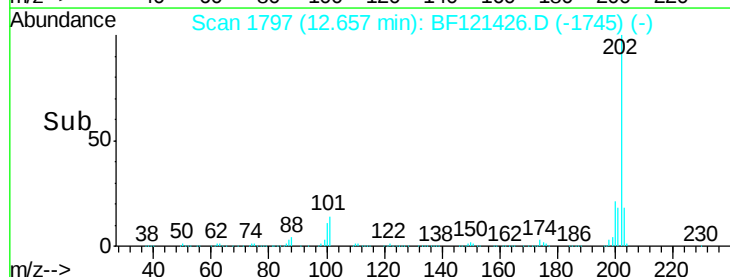
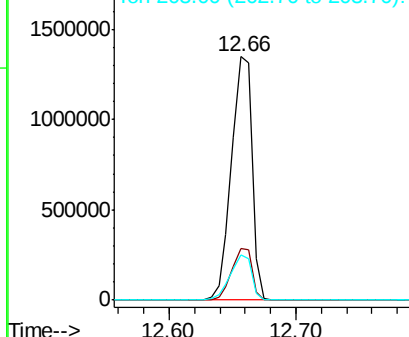
202 100

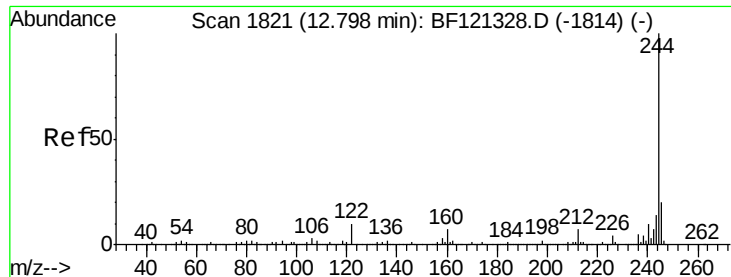
200 21.3 16.6 24.8

203 18.3 14.2 21.2



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





#79

Terphenyl-d14

Concen: 45.379 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

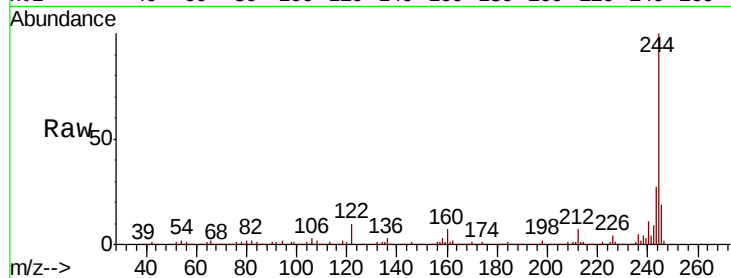
Tot Ion:244 Resp: 1274436

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

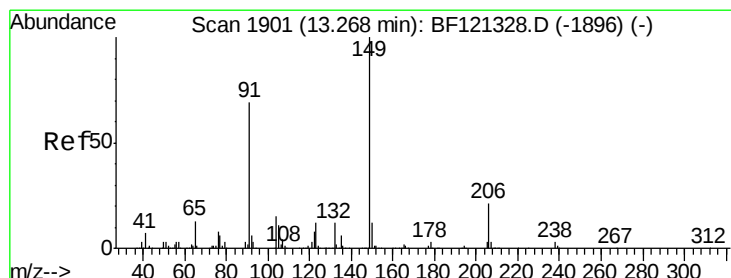
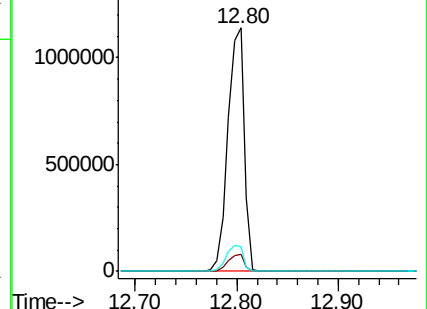
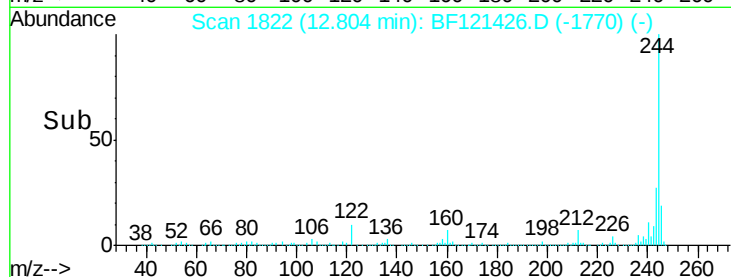
122 10.1 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.659 ng

RT: 13.27 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

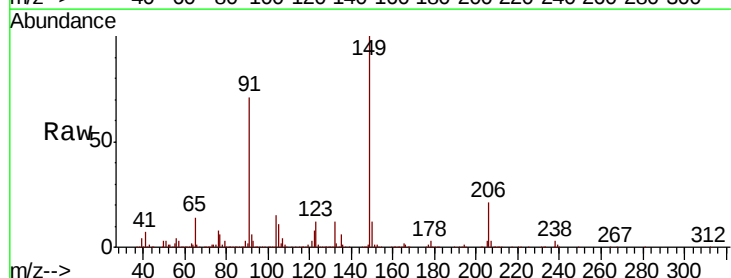
Tgt Ion:149 Resp: 631673

Ion Ratio Lower Upper

149 100

91 70.7 55.2 82.8

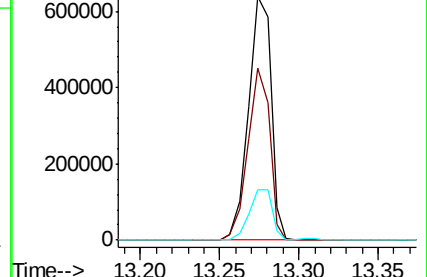
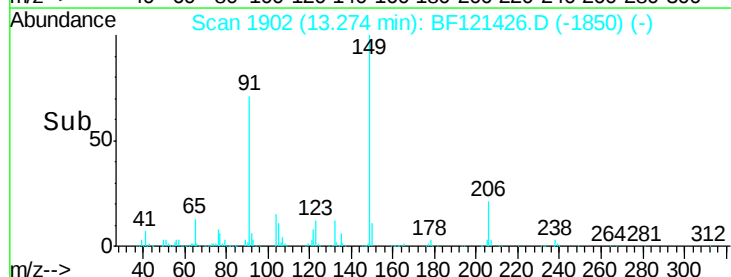
206 20.7 16.8 25.2

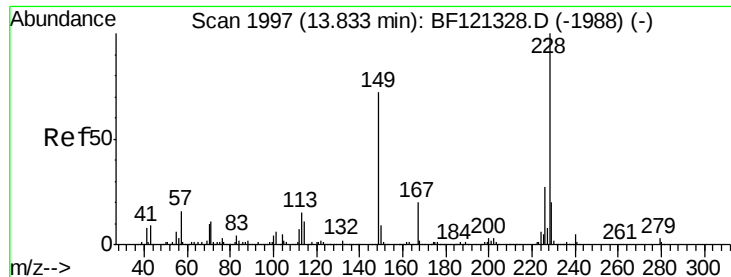


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.341 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.02 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

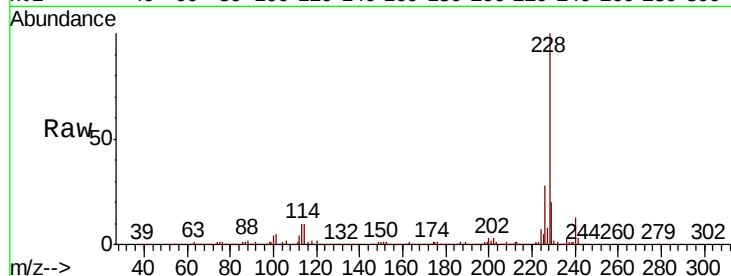
Tot Ion:228 Resp: 1272835

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.6

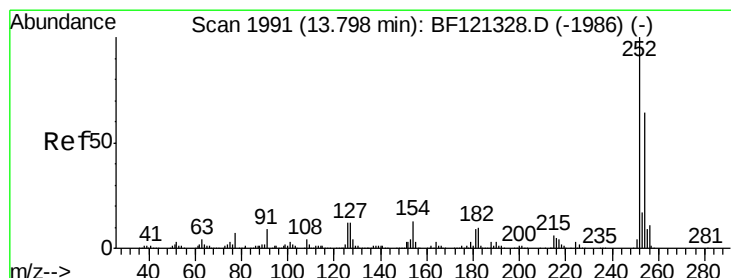
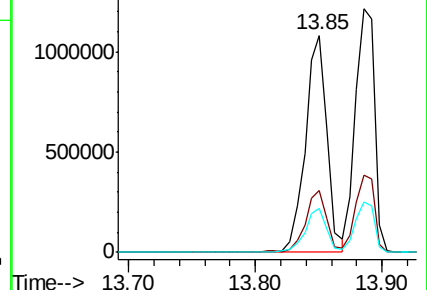
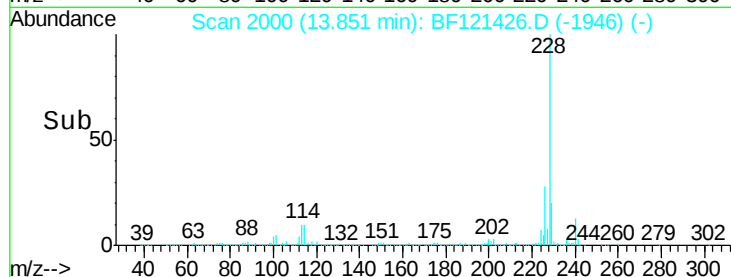
229 20.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.189 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.02 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

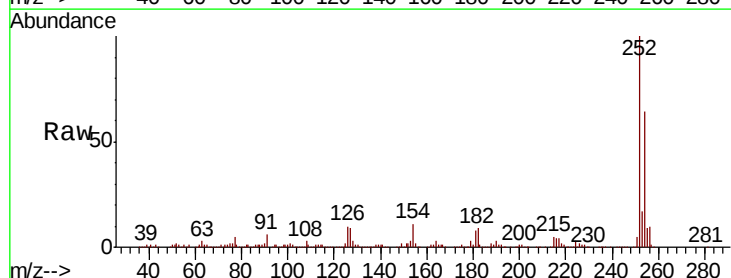
Tgt Ion:252 Resp: 408193

Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

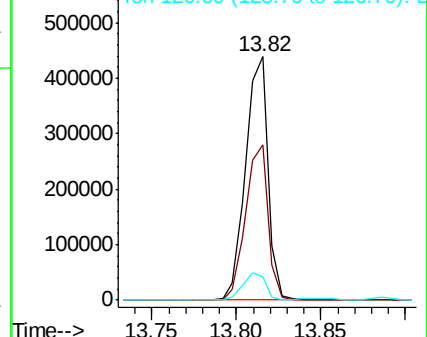
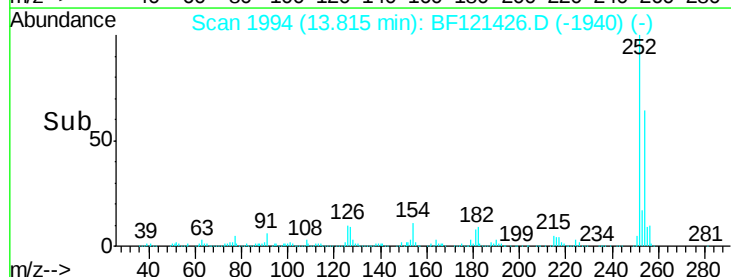
126 9.7 9.8 14.8#

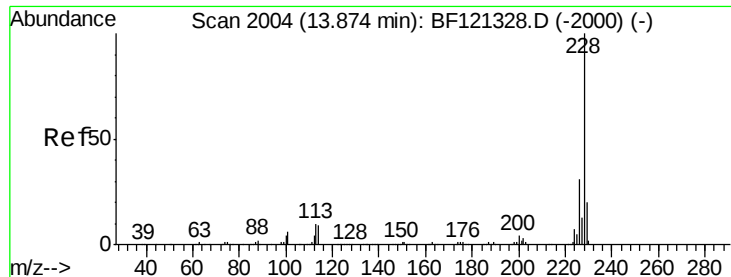


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

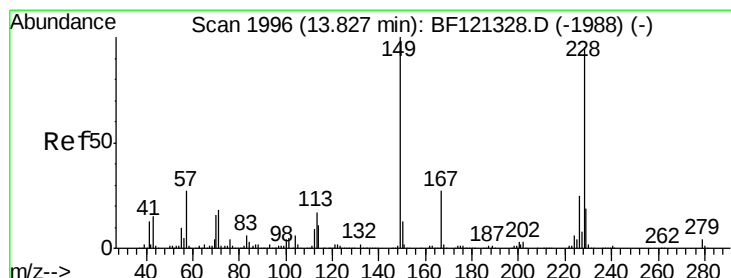
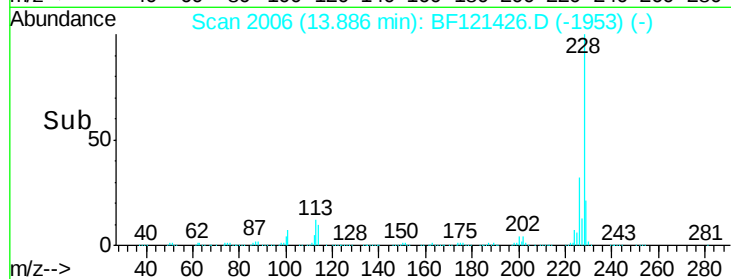
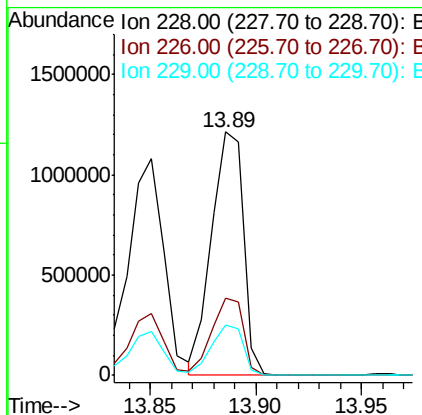
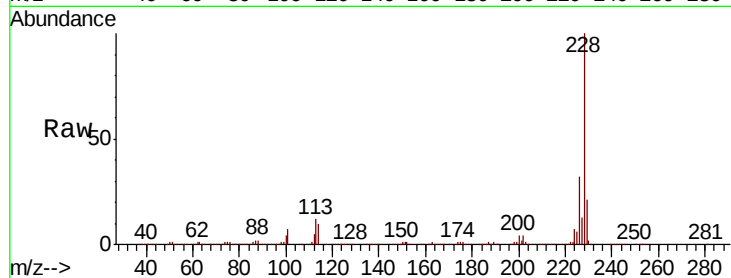




#83
 Chrysene
 Concen: 36.599 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

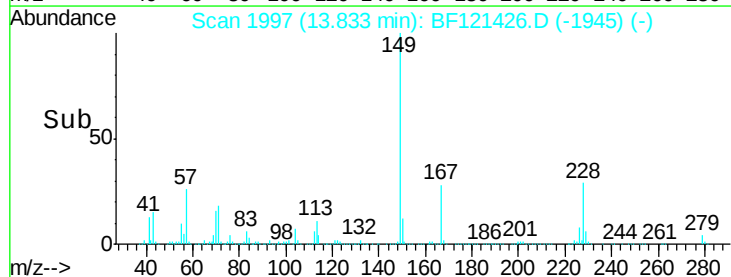
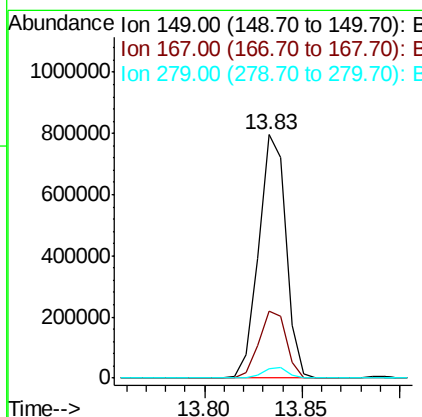
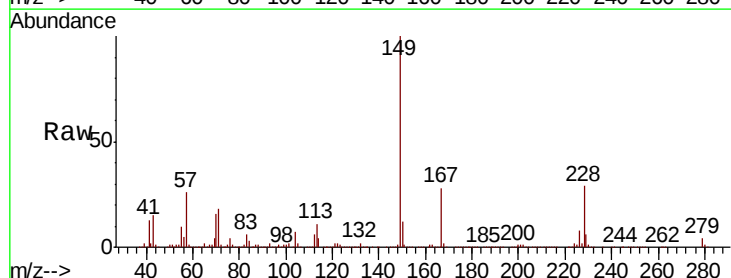
Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

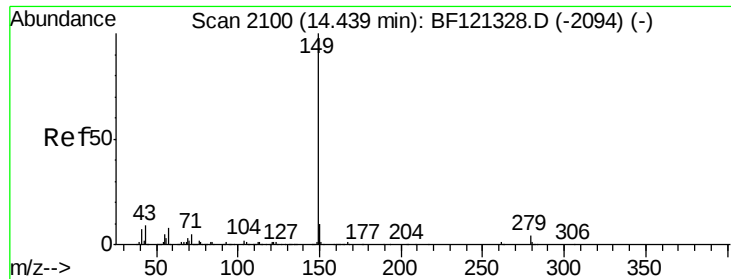
Tot Ion:228 Resp: 1275937
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.6 36.8
 229 20.5 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.983 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion:149 Resp: 770430
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.5 32.3
 279 3.8 2.9 4.3

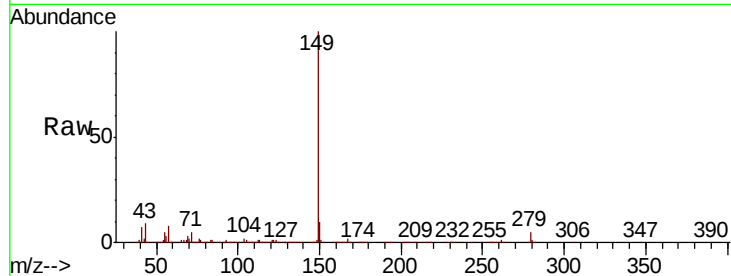




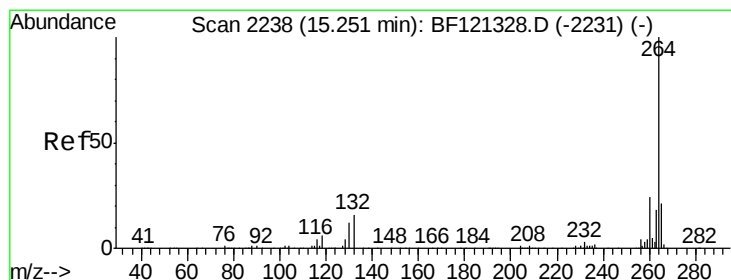
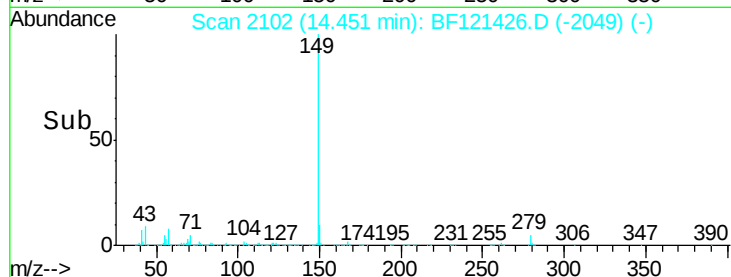
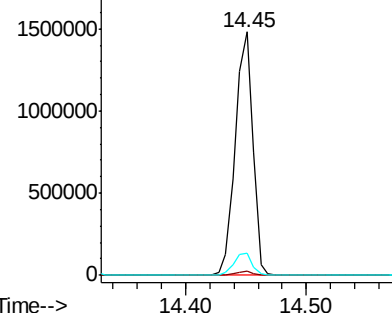
#85
Di-n-octyl phthalate
Concen: 39.237 ng
RT: 14.45 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion:149 Resp: 1512648
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 7.1 10.7

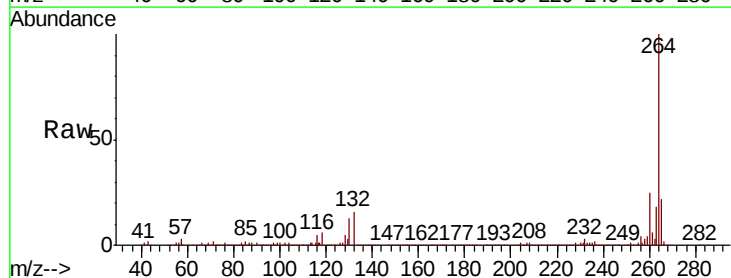


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

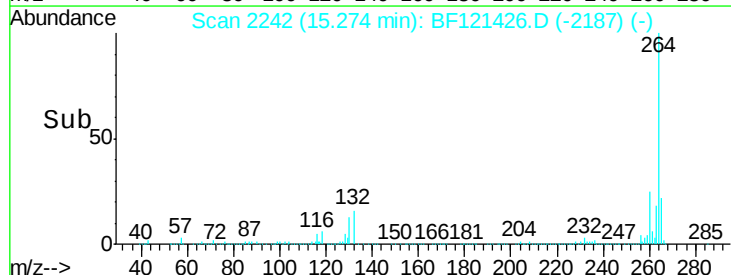
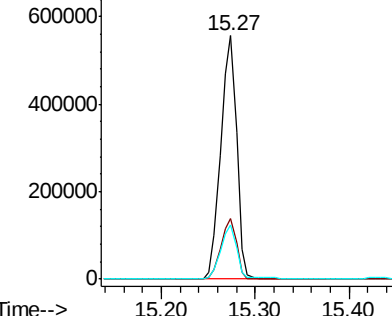


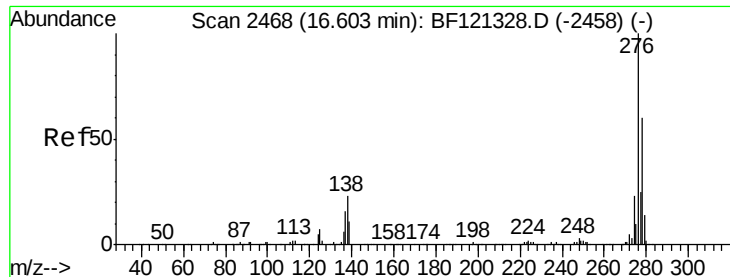
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion:264 Resp: 655323
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 22.2 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.666 ng

RT: 16.66 min Scan# 2477

Delta R.T. 0.05 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

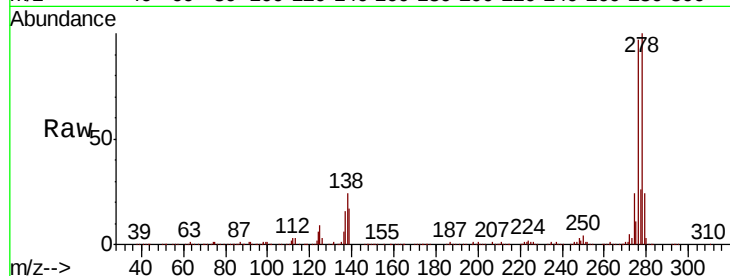
Tot Ion:276 Resp: 1546745

Ion Ratio Lower Upper

276 100

138 24.1 19.4 29.0

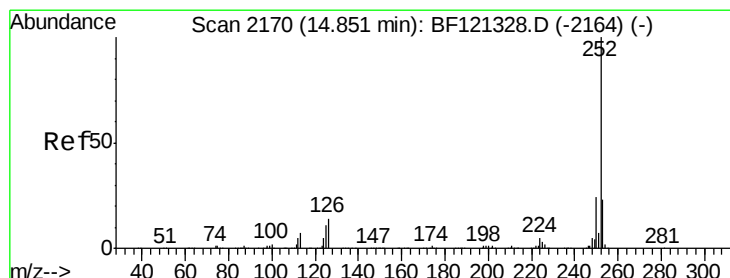
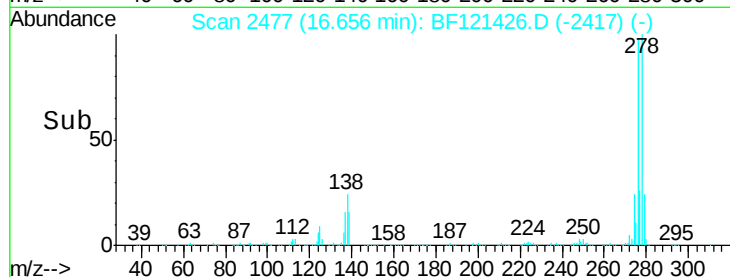
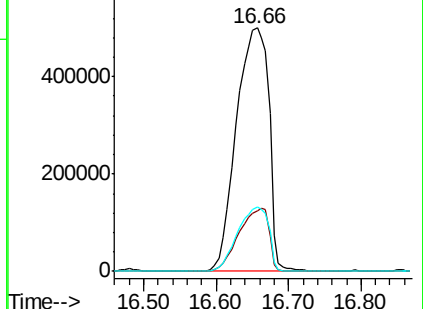
277 25.4 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 34.206 ng

RT: 14.87 min Scan# 2174

Delta R.T. 0.02 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

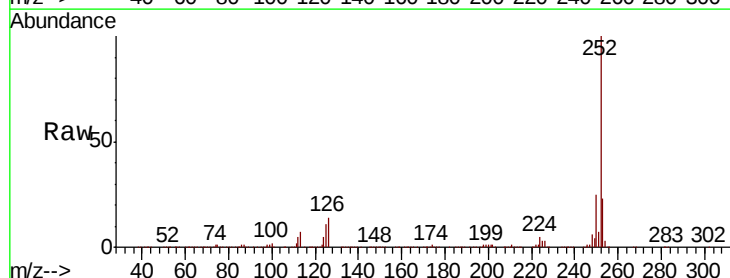
Tgt Ion:252 Resp: 1448148

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

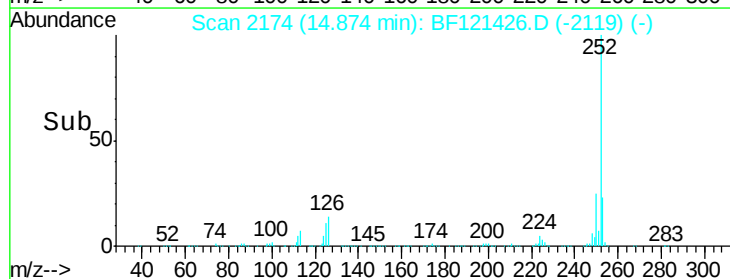
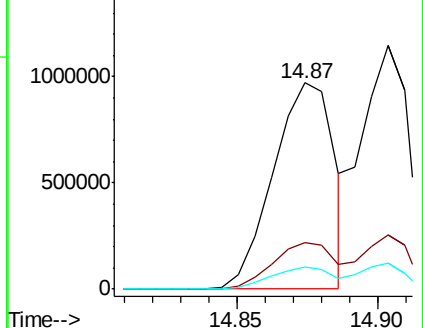
125 11.0 8.6 12.8

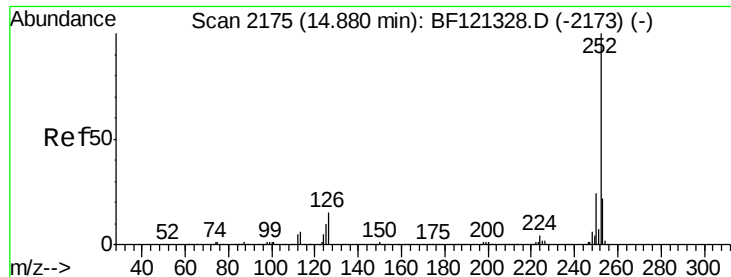


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

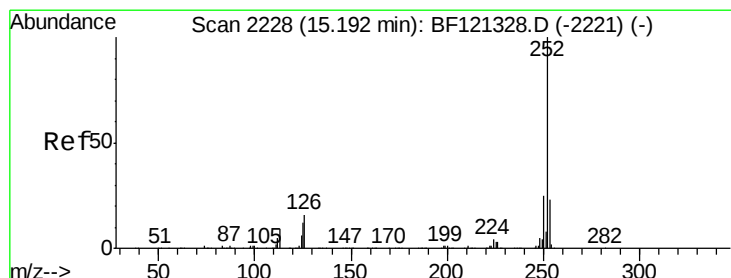
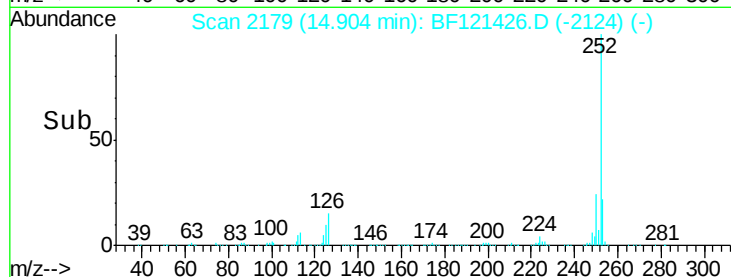
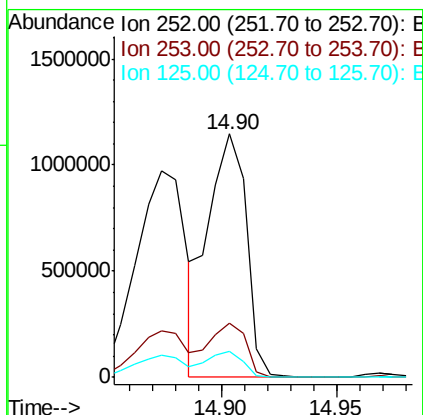
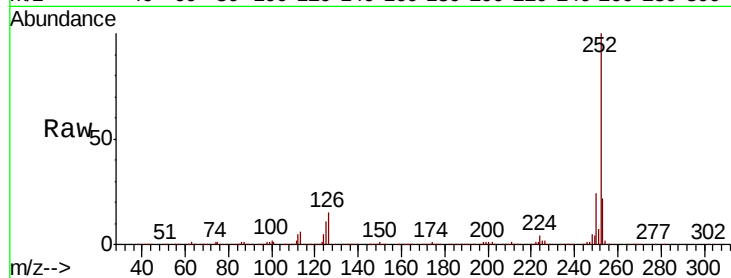




#89
Benzo(k)fluoranthene
Concen: 35.106 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

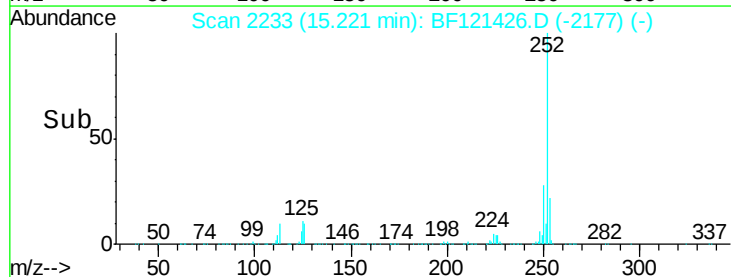
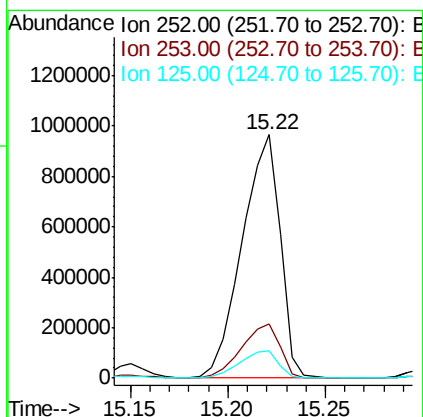
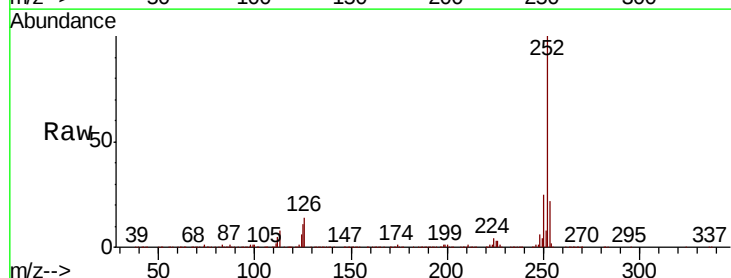
Instrument :
BNA_F
ClientSampleId :
RO-04MS

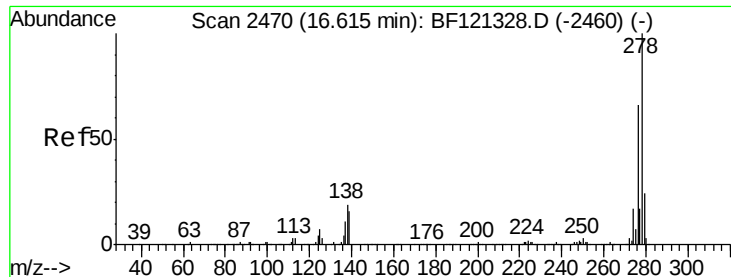
Tot Ion:252 Resp: 1308318
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.5 8.6 12.8



#90
Benzo(a)pyrene
Concen: 35.591 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.03 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion:252 Resp: 1301952
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.4 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 37.213 ng

RT: 16.67 min Scan# 2479

Delta R.T. 0.05 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

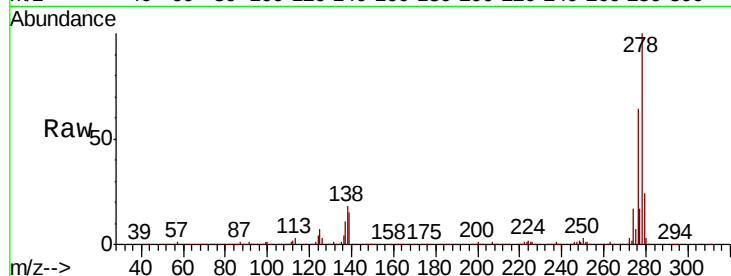
BNA_F

ClientSampleId :

RO-04MS

Tot Ion:278 Resp: 1220539

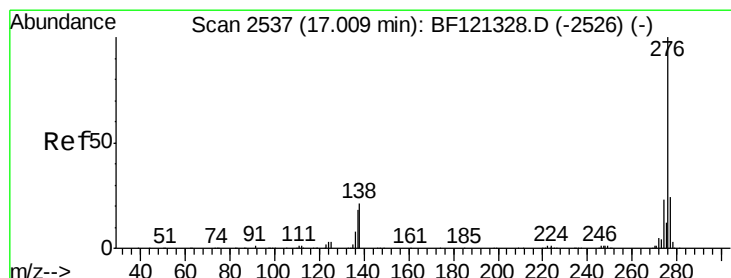
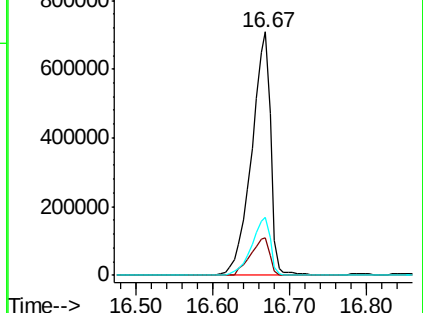
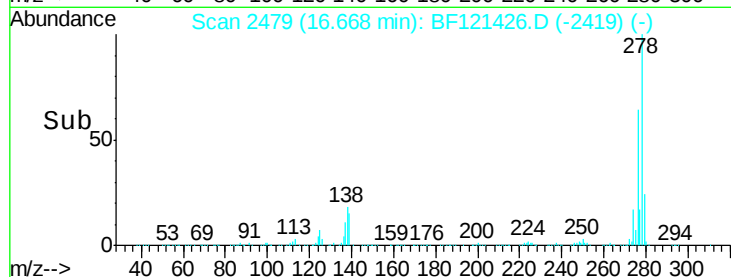
Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.1	19.7
279	23.9	19.4	29.2



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: 41.409 ng

RT: 17.07 min Scan# 2547

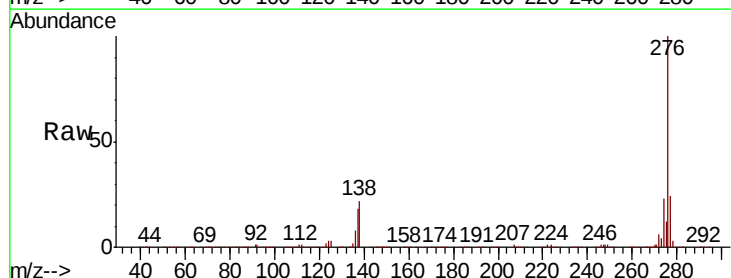
Delta R.T. 0.06 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Tgt Ion:276 Resp: 1327773

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	22.0	16.8	25.2



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

