

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100920\
 Data File : BF121903.D
 Acq On : 9 Oct 2020 13:18
 Operator : JU/CG
 Sample : PB132237BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132237BS

Quant Time: Oct 09 13:57:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	157019	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	596740	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	305662	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	559844	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	412797	20.00	ng	0.00
86) Perylene-d12	15.36	264	350448	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1113775	105.41	ng	0.01
7) Phenol-d6	6.42	99	1411737	101.85	ng	0.00
23) Nitrobenzene-d5	7.33	82	961599	86.52	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	447239	117.73	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1591355	78.85	ng	-0.01
79) Terphenyl-d14	12.87	244	1879933	92.26	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	165630	34.122	ng	98
3) Pyridine	3.29	79	460738	34.335	ng	99
4) n-Nitrosodimethylamine	3.25	42	241094	38.734	ng	99
6) Aniline	6.43	93	510122	28.257	ng	# 31
8) 2-Chlorophenol	6.55	128	444720	41.341	ng	95
9) Benzaldehyde	6.31	77	140722	15.529	ng	97
10) Phenol	6.43	94	522448	35.394	ng	92
11) bis(2-Chloroethyl)ether	6.50	93	443228	39.840	ng	98
12) 1,3-Dichlorobenzene	6.70	146	466353	38.840	ng	99
13) 1,4-Dichlorobenzene	6.77	146	471589	39.116	ng	98
14) 1,2-Dichlorobenzene	6.93	146	423674	38.147	ng	97
15) Benzyl Alcohol	6.91	79	336368	35.702	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	674769	37.692	ng	85
17) 2-Methylphenol	7.03	107	363256	39.687	ng	# 93
18) Hexachloroethane	7.27	117	175897	40.747	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	312696	39.142	ng	98
20) 3+4-Methylphenols	7.18	107	428628	38.976	ng	91
22) Acetophenone	7.17	105	577413	38.137	ng	95
24) Nitrobenzene	7.35	77	481190	40.030	ng	96
25) Isophorone	7.59	82	870929	38.928	ng	99
26) 2-Nitrophenol	7.66	139	237702	42.324	ng	97
27) 2,4-Dimethylphenol	7.70	122	368470	36.896	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	550710	39.761	ng	100
29) 2,4-Dichlorophenol	7.91	162	364996	40.127	ng	99
30) 1,2,4-Trichlorobenzene	7.99	180	380858	39.756	ng	98
31) Naphthalene	8.06	128	1219695	38.719	ng	99
32) Benzoic acid	7.87	122	193961	29.205	ng	97
33) 4-Chloroaniline	8.12	127	438330	32.101	ng	99
34) Hexachlorobutadiene	8.18	225	231567	41.182	ng	100
35) Caprolactam	8.51	113	65891	21.753	ng	99
36) 4-Chloro-3-methylphenol	8.62	107	393674	40.176	ng	100
37) 2-Methylnaphthalene	8.76	142	815397	39.498	ng	99
38) 1-Methylnaphthalene	8.86	142	755865	39.342	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	375713	39.350	ng	100

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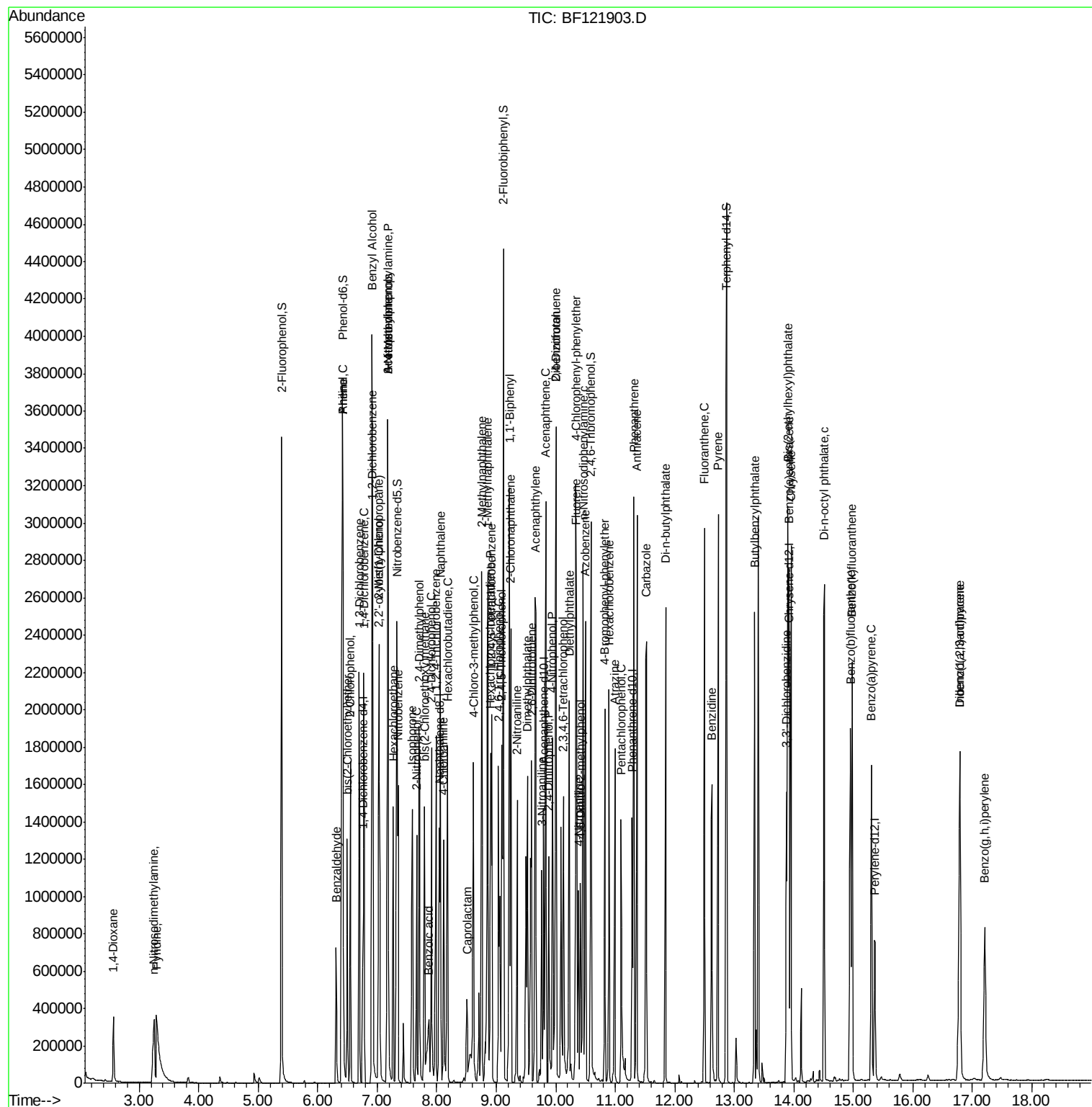
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	253533	46.498	nq	98
43) 2,4,6-Trichlorophenol	9.04	196	241279	37.074	nq	99
44) 2,4,5-Trichlorophenol	9.09	196	253975	36.915	nq	99
46) 1,1'-Biphenyl	9.22	154	939108	38.378	nq	99
47) 2-Chloronaphthalene	9.25	162	744995	38.635	nq	98
48) 2-Nitroaniline	9.35	65	260351	43.448	nq	99
49) Acenaphthylene	9.66	152	1121721	37.860	nq	100
50) Dimethylphthalate	9.53	163	911587	41.148	nq	100
51) 2,6-Dinitrotoluene	9.59	165	198384	42.048	nq	98
52) Acenaphthene	9.83	154	675203	36.081	nq	99
53) 3-Nitroaniline	9.76	138	174115	31.857	nq	99
54) 2,4-Dinitrophenol	9.88	184	180780	67.968	nq	# 88
55) Dibenzofuran	10.00	168	962442	36.521	nq	98
56) 4-Nitrophenol	9.95	139	223448	51.264	nq	# 83
57) 2,4-Dinitrotoluene	10.00	165	241226	40.641	nq	# 89
58) Fluorene	10.35	166	797051	39.550	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	223860	40.023	nq	95
60) Diethylphthalate	10.23	149	869775	40.268	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	396731	41.095	nq	98
62) 4-Nitroaniline	10.39	138	213013	39.252	nq	97
63) Azobenzene	10.50	77	913935	39.733	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	147365	43.625	nq	99
66) n-Nitrosodiphenylamine	10.46	169	756521	39.388	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	267476	41.963	nq	97
68) Hexachlorobenzene	10.90	284	296999	41.288	nq	# 92
69) Atrazine	10.99	200	224848	47.120	nq	99
70) Pentachlorophenol	11.10	266	218662	55.351	nq	98
71) Phenanthrene	11.31	178	1171176	38.396	nq	100
72) Anthracene	11.36	178	1209173	38.414	nq	100
73) Carbazole	11.52	167	1091409	38.423	nq	100
74) Di-n-butylphthalate	11.85	149	1345772	41.049	nq	100
75) Fluoranthene	12.50	202	1266251	38.888	nq	99
77) Benzidine	12.62	184	663859	48.510	nq	100
78) Pyrene	12.73	202	1249293	41.422	nq	100
80) Butylbenzylphthalate	13.34	149	556665	45.637	nq	99
81) Benzo(a)anthracene	13.92	228	1077953	41.276	nq	99
82) 3,3'-Dichlorobenzidine	13.87	252	321003	31.485	nq	98
83) Chrysene	13.95	228	1058022	40.008	nq	100
84) Bis(2-ethylhexyl)phthalate	13.90	149	770644	47.293	nq	# 98
85) Di-n-octyl phthalate	14.51	149	1257202	43.717	nq	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	914794	40.083	nq	100
88) Benzo(b)fluoranthene	14.95	252	1006649	42.968	nq	99
89) Benzo(k)fluoranthene	14.98	252	933355	43.505	nq	99
90) Benzo(a)pyrene	15.30	252	863265	43.349	nq	99
91) Dibenzo(a,h)anthracene	16.79	278	760522	40.032	nq	100
92) Benzo(g,h,i)perylene	17.21	276	742812	39.777	nq	98

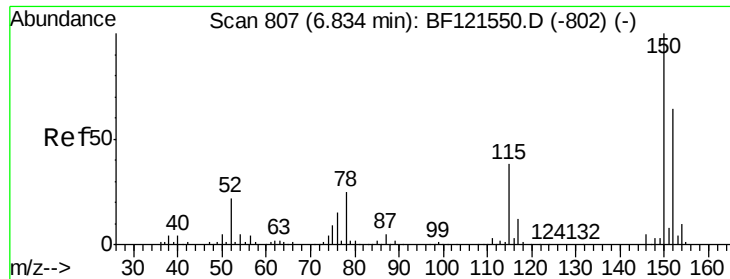
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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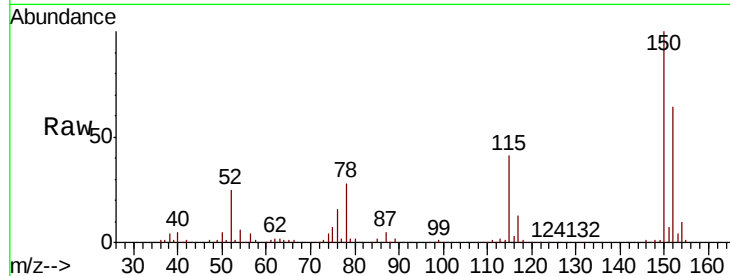


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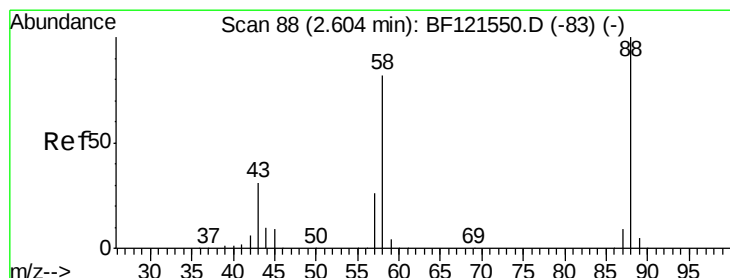
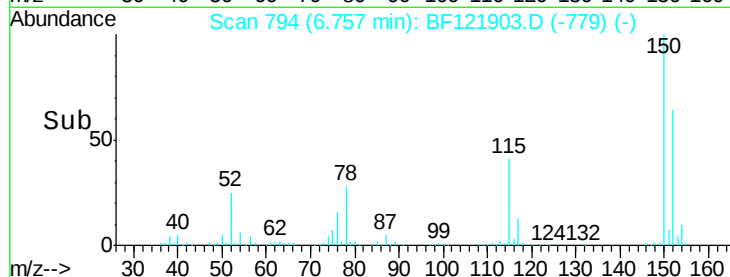
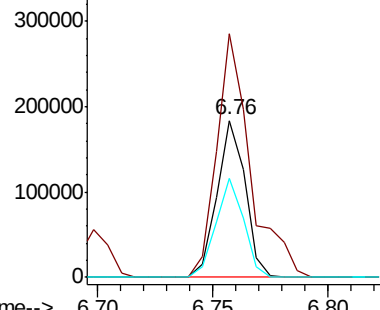
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Instrument :
BNA_F
ClientSampleId :
PB132237BS

Tot Ion:152 Resp: 157019
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 63.1 51.9 77.9



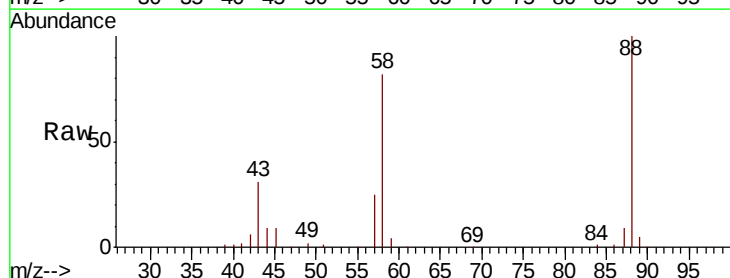
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



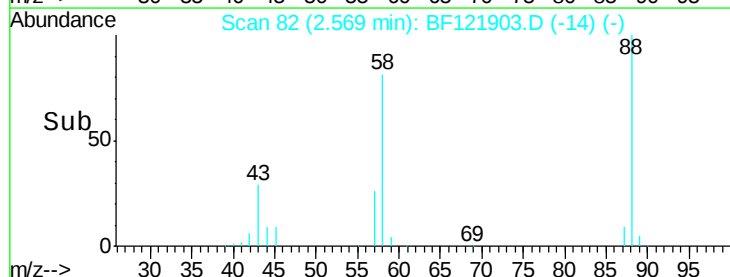
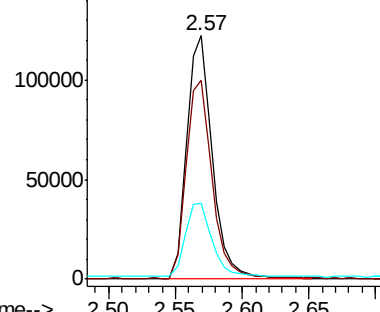
#2

1,4-Dioxane
Concen: 34.122 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.10 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion: 88 Resp: 165630
Ion Ratio Lower Upper
88 100
58 84.3 65.8 98.8
43 30.7 25.8 38.8



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

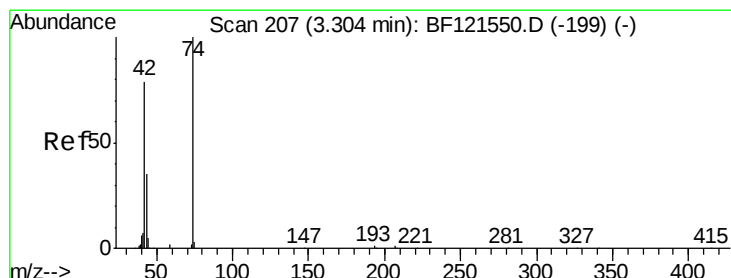
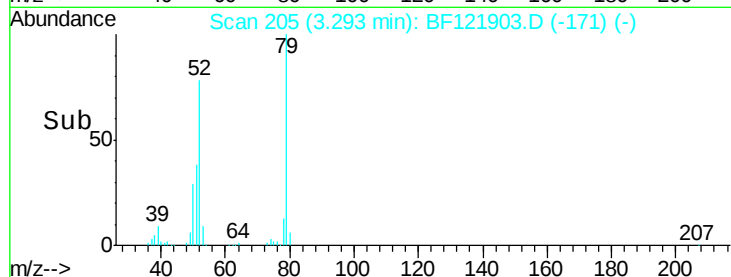
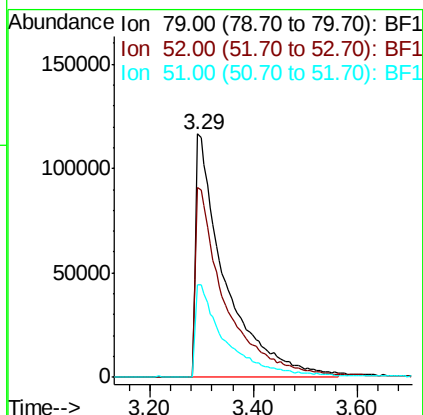
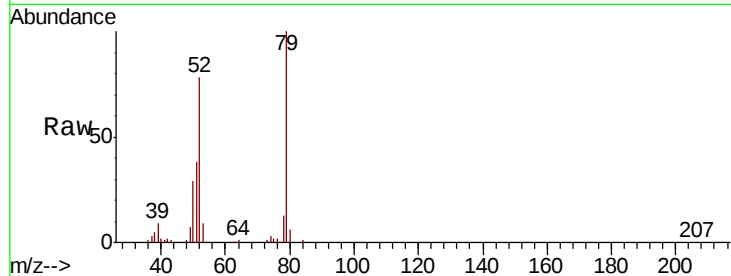




#3
 Pvridine
 Concen: 34.335 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.10 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

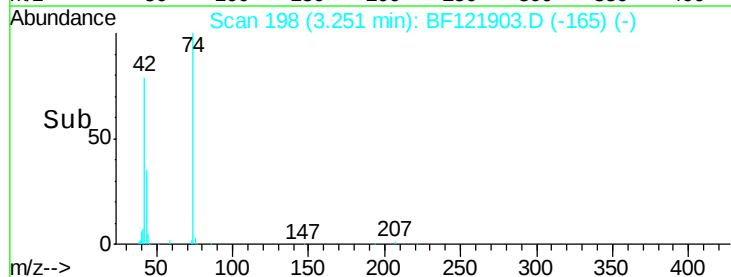
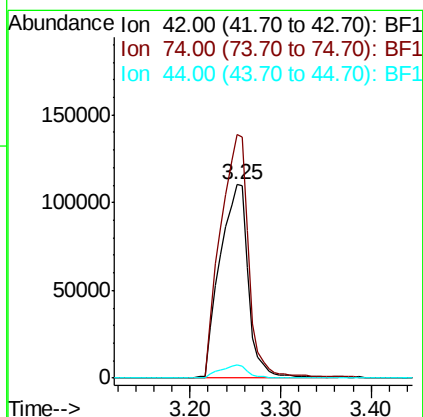
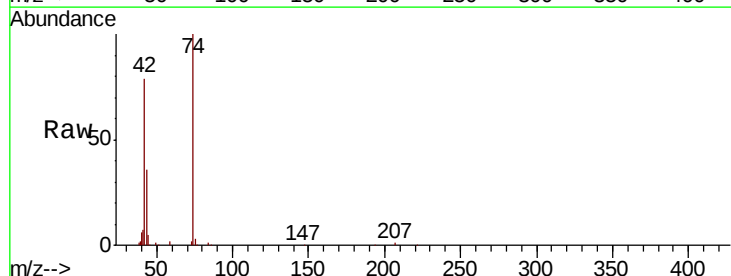
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion: 79 Resp: 460738
 Ion Ratio Lower Upper
 79 100
 52 78.2 62.2 93.4
 51 37.9 31.1 46.7



#4
 n-Nitrosodimethylamine
 Concen: 38.734 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.09 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Tgt Ion: 42 Resp: 241094
 Ion Ratio Lower Upper
 42 100
 74 126.0 100.2 150.2
 44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 105.415 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

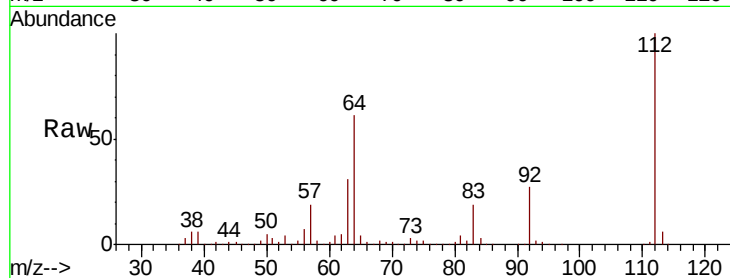
Tot Ion:112 Resp: 1113775

Ion Ratio Lower Upper

112 100

64 61.2 50.4 75.6

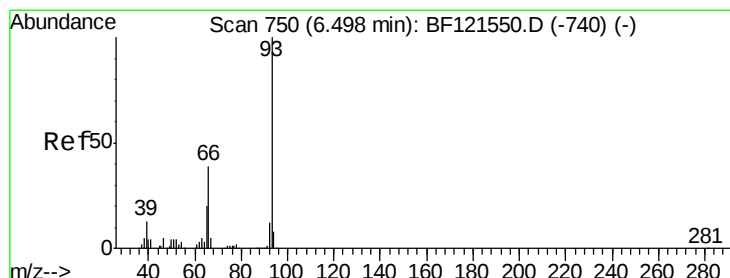
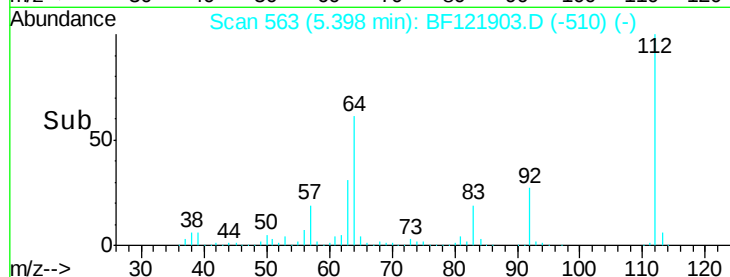
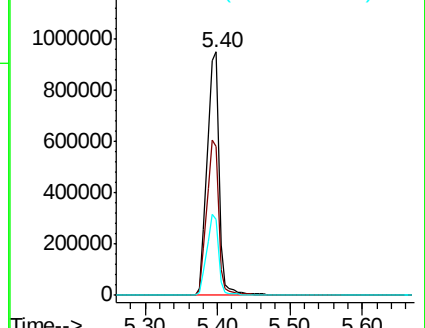
63 31.1 25.8 38.6



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: 28.257 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

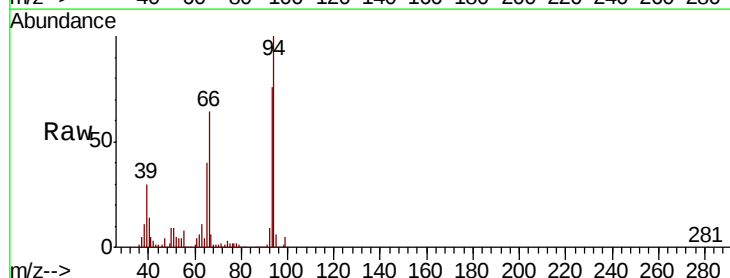
Tgt Ion: 93 Resp: 510122

Ion Ratio Lower Upper

93 100

66 83.6 32.7 49.1#

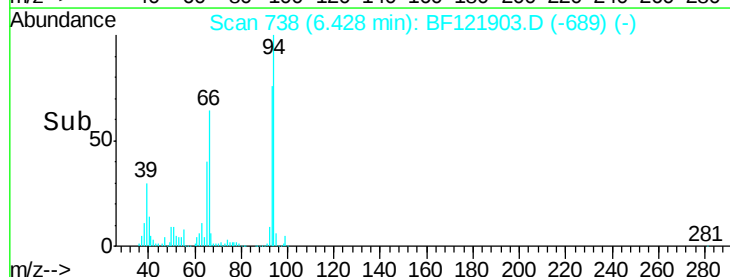
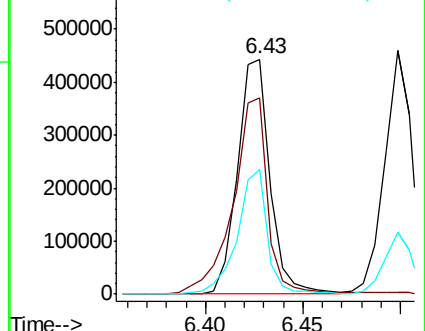
65 53.1 16.6 24.8#



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: 101.846 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

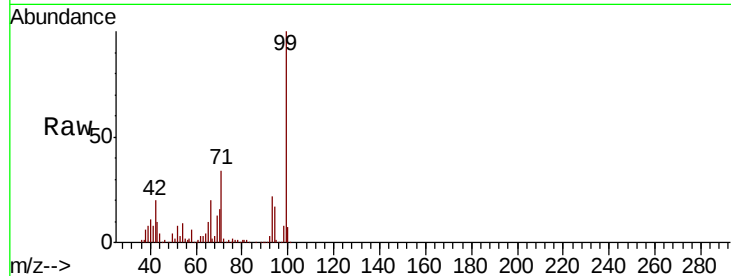
BNA_F

ClientSampleId :

PB132237BS

Tot Ion: 99 Resp: 1411737

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.9	23.9
71	34.5	27.1	40.7

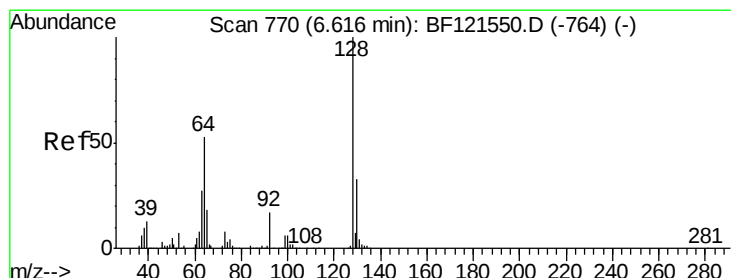
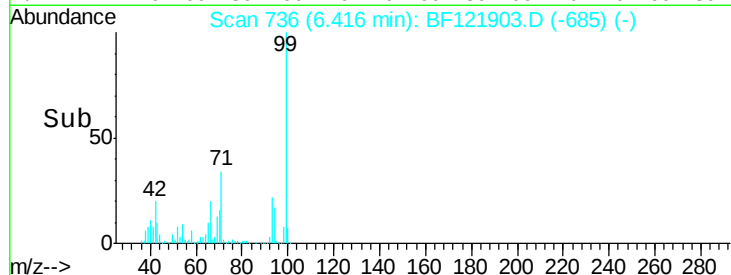
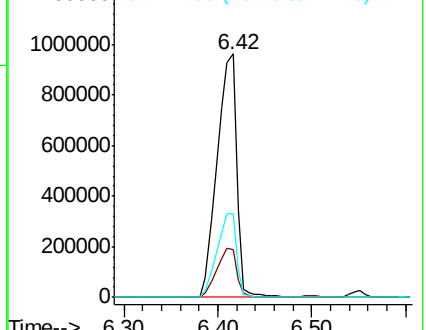


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.341 ng

RT: 6.55 min Scan# 759

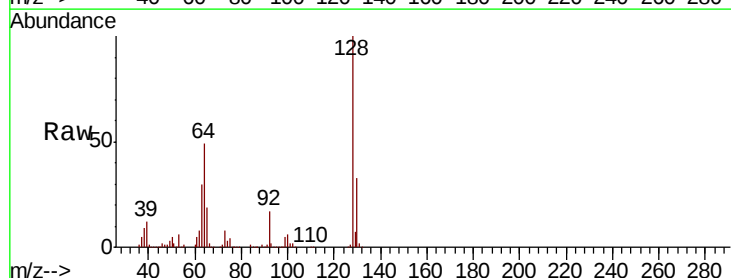
Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Tgt Ion: 128 Resp: 444720

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.4	52.4
64	49.5	34.8	74.8

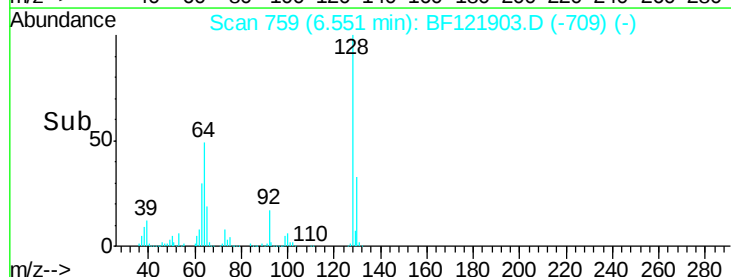
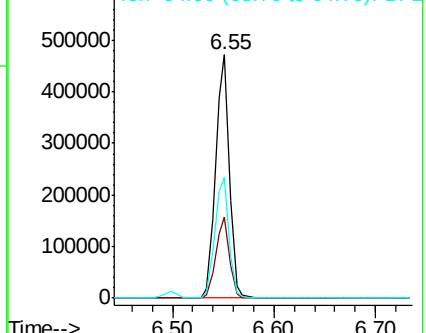


Abundance

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: 15.529 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF121903.D

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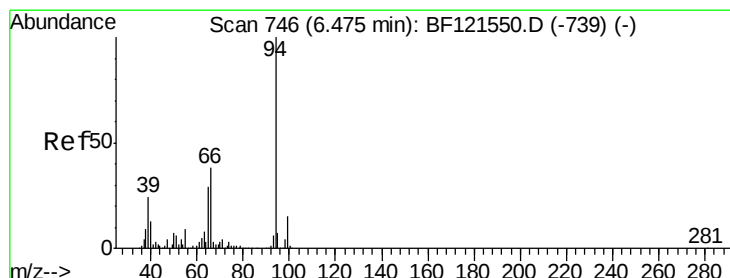
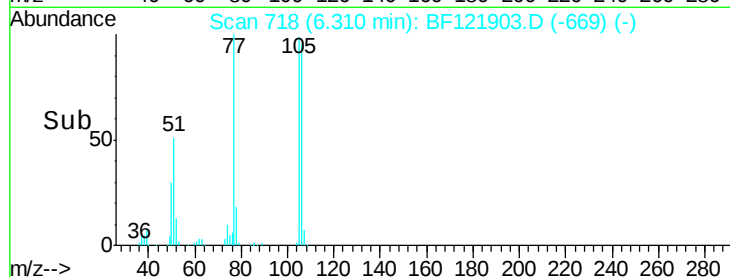
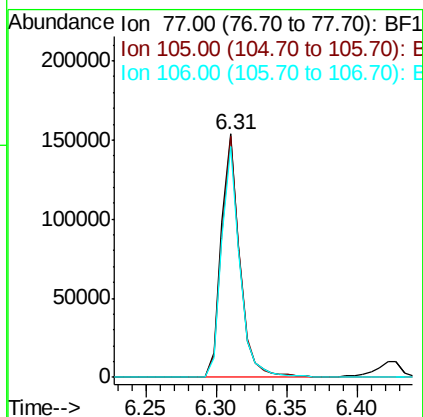
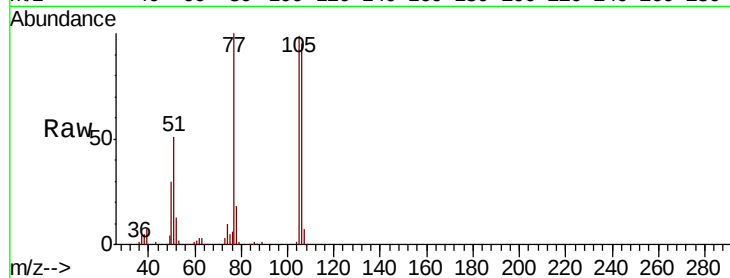
Tot Ion: 77 Resp: 140722

Ion Ratio Lower Upper

77 100

105 98.8 76.7 116.7

106 94.9 71.3 111.3



#10

Phenol

Concen: 35.394 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

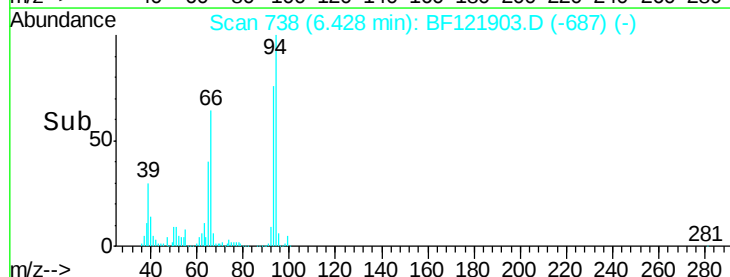
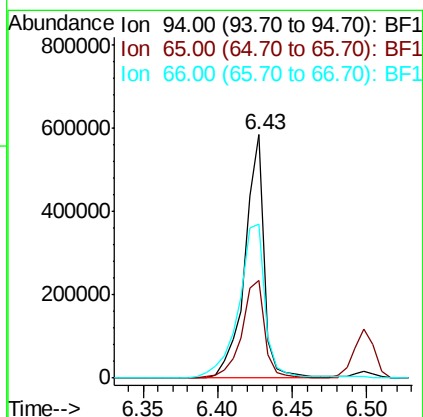
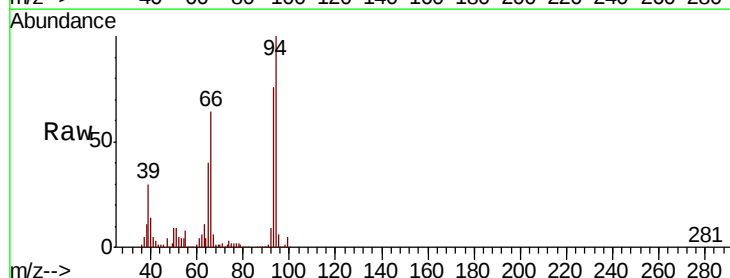
Tgt Ion: 94 Resp: 522448

Ion Ratio Lower Upper

94 100

65 40.3 17.1 57.1

66 63.5 36.0 76.0

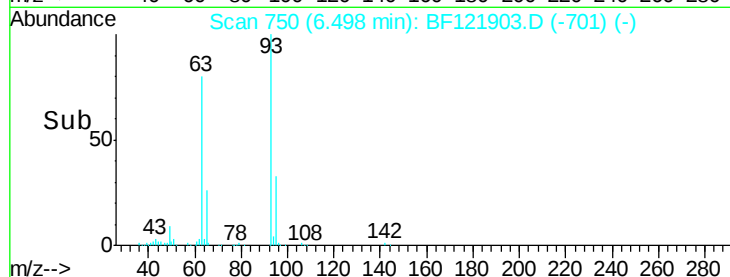
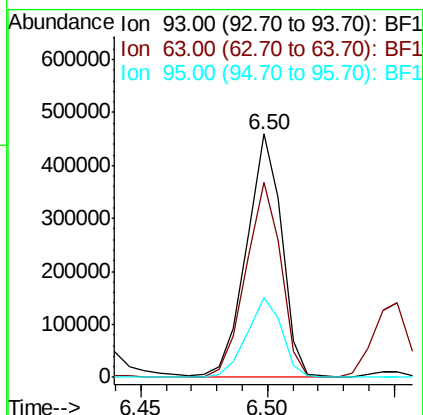
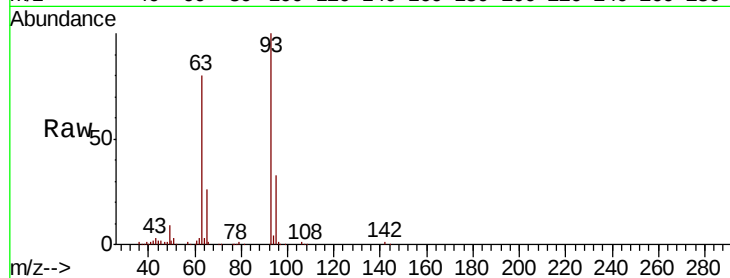




#11
bis(2-Chloroethyl)ether
Concen: 39.840 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

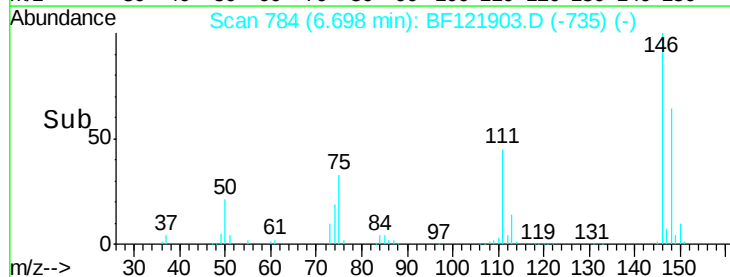
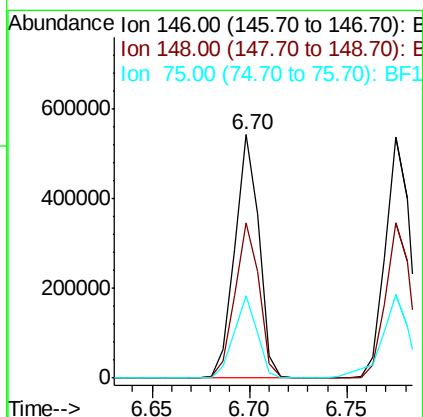
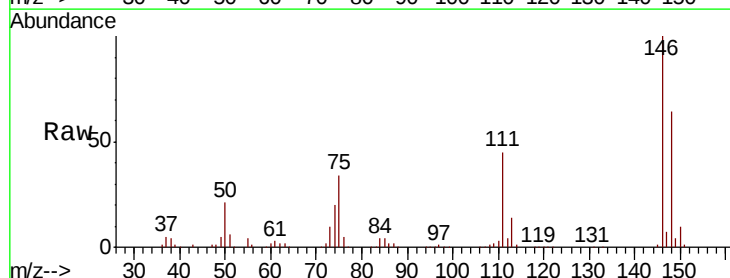
Instrument :
BNA_F
ClientSampleId :
PB132237BS

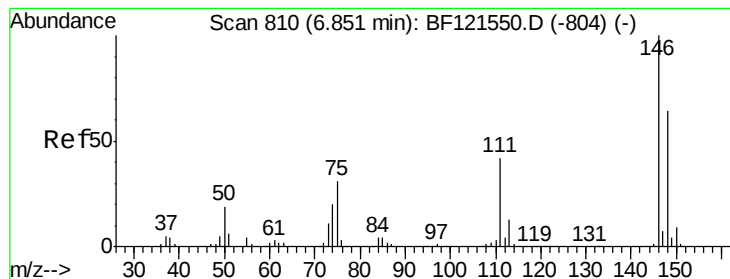
Tot Ion: 93 Resp: 443228
Ion Ratio Lower Upper
93 100
63 80.2 62.4 102.4
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.840 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion: 146 Resp: 466353
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 33.8 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 39.116 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

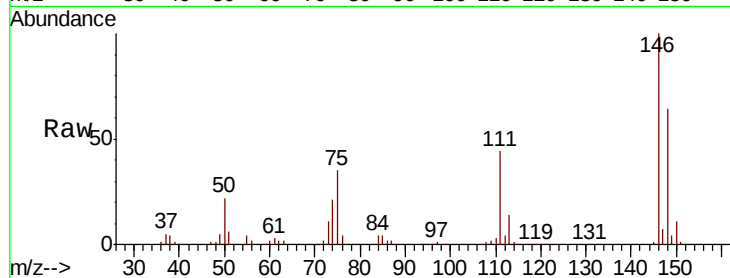
Tot Ion:146 Resp: 471589

Ion Ratio Lower Upper

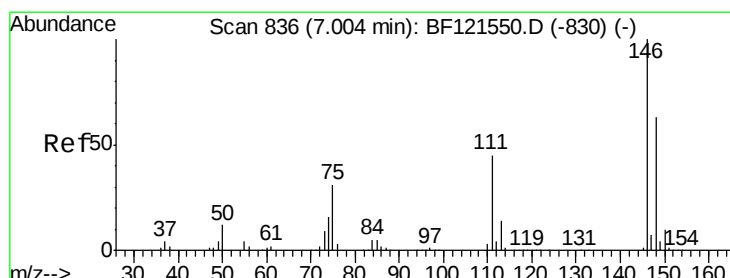
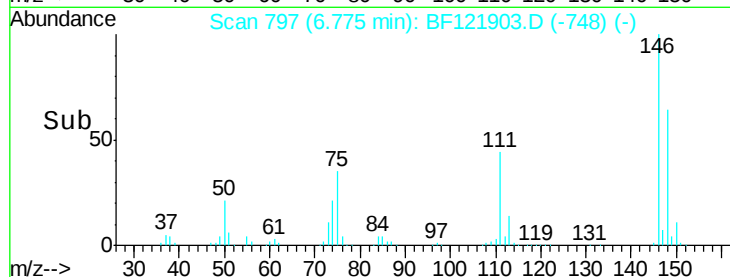
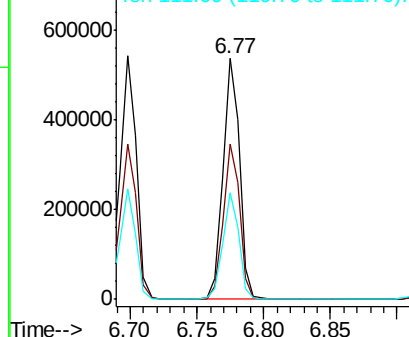
146 100

148 64.5 50.1 75.1

111 44.2 34.6 52.0



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



#14

1,2-Dichlorobenzene

Concen: 38.147 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

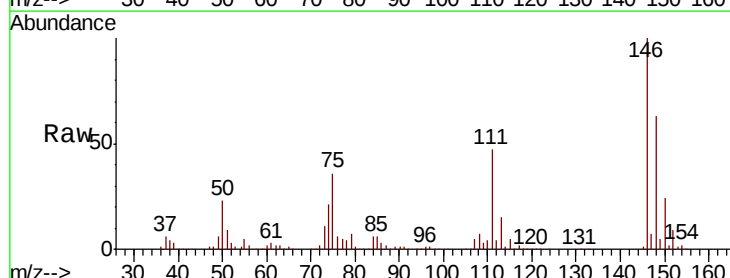
Tgt Ion:146 Resp: 423674

Ion Ratio Lower Upper

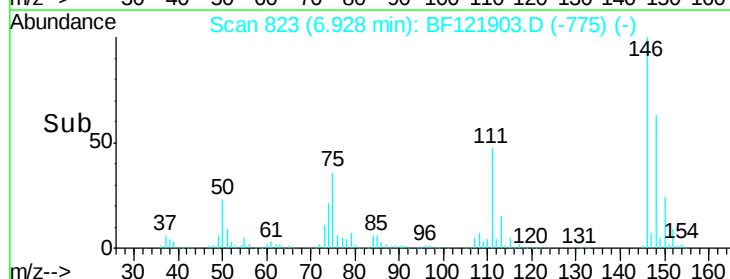
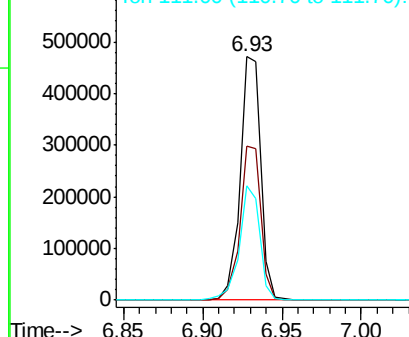
146 100

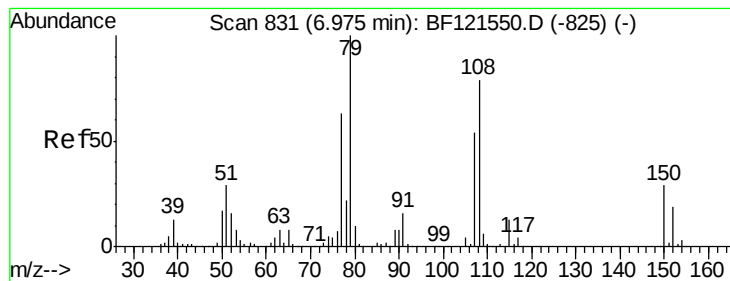
148 63.4 51.1 76.7

111 47.1 34.2 51.4



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





#15

Benzyl Alcohol

Concen: 35.702 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleID :

PB132237BS

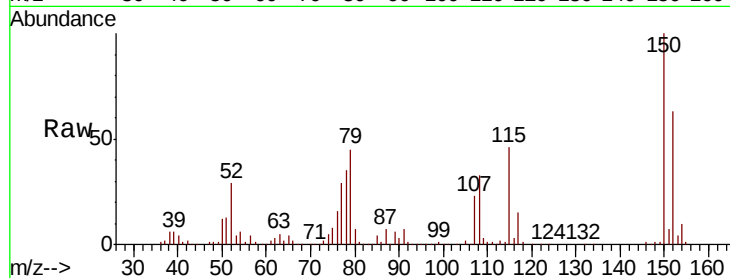
Tot Ion: 79 Resp: 336368

Ion Ratio Lower Upper

79 100

108 72.3 62.3 93.5

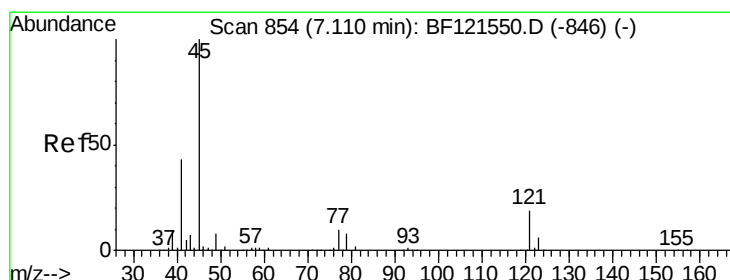
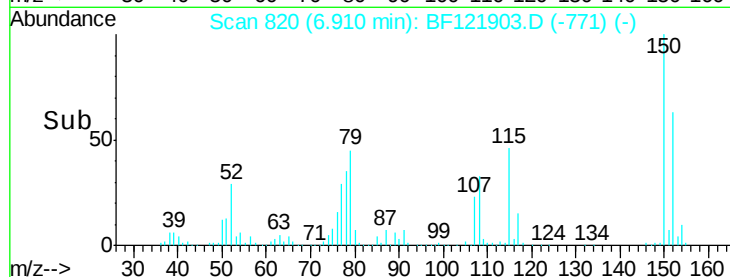
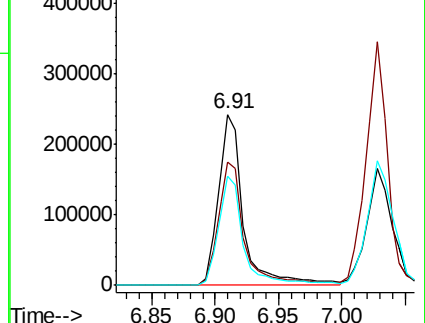
77 63.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.692 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

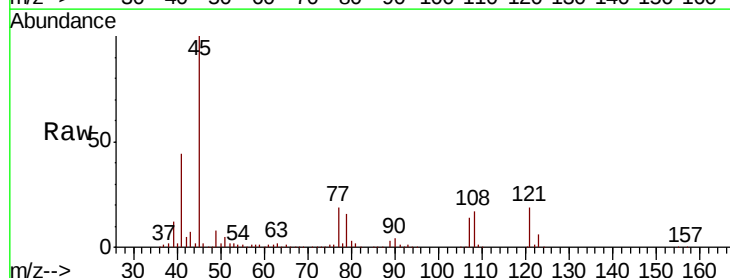
Tgt Ion: 45 Resp: 674769

Ion Ratio Lower Upper

45 100

77 19.3 0.0 33.3

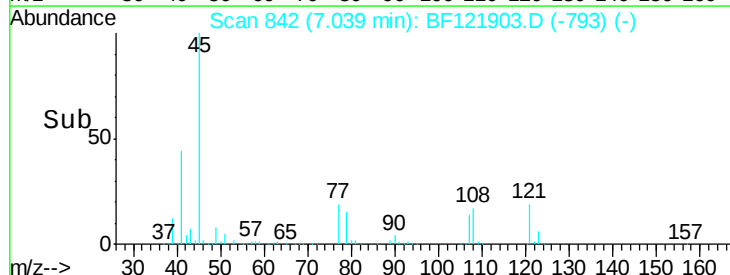
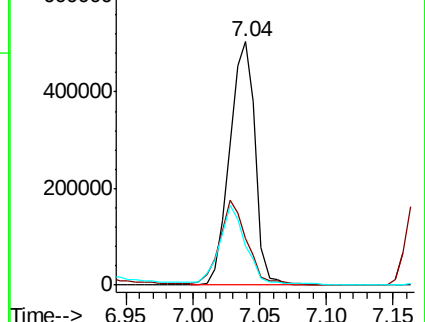
79 16.0 0.0 30.4

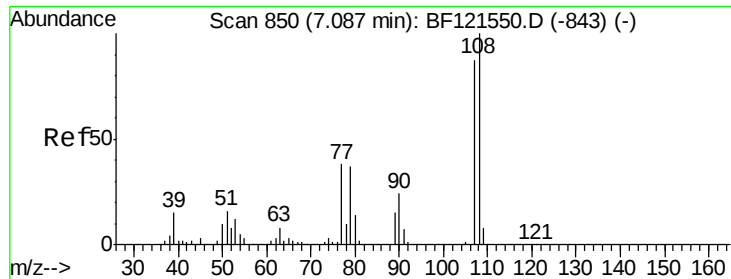


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.687 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

Tot Ion:107 Resp: 363256

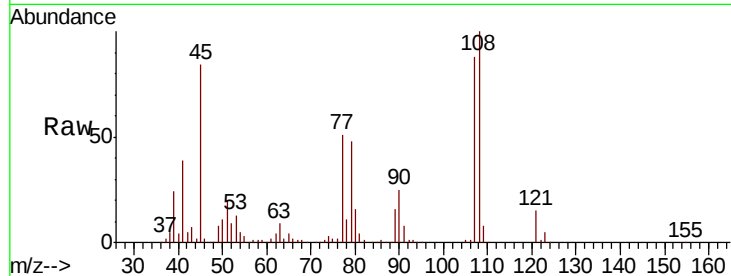
Ion Ratio Lower Upper

107 100

108 113.1 90.9 136.3

77 57.8 37.5 56.3#

79 54.5 37.4 56.0

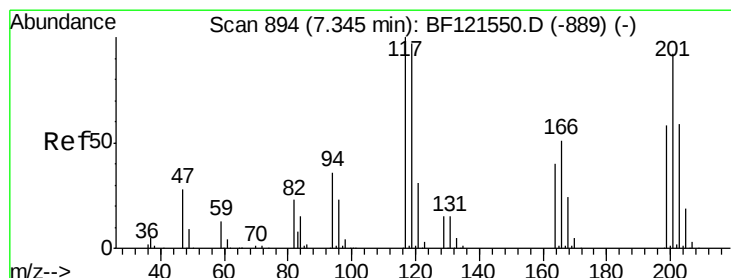
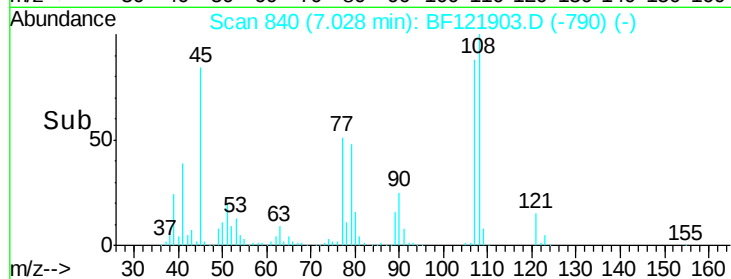
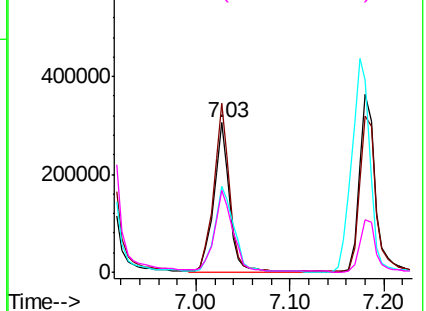


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.747 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

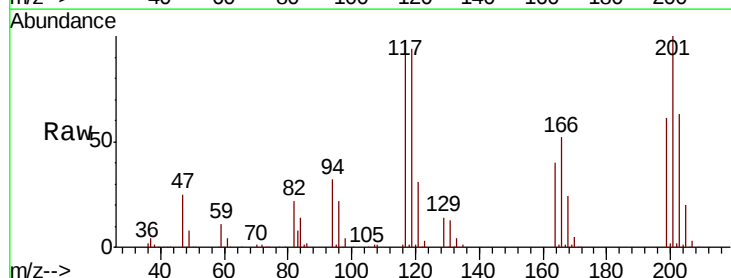
Tgt Ion:117 Resp: 175897

Ion Ratio Lower Upper

117 100

119 95.5 76.3 114.5

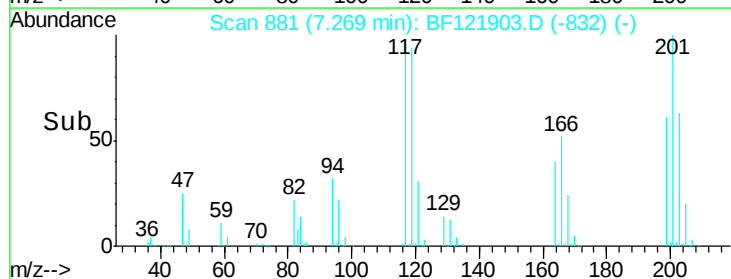
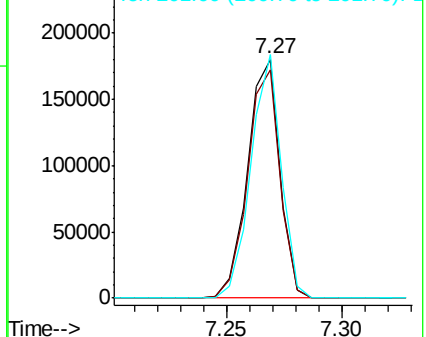
201 102.0 71.8 107.6

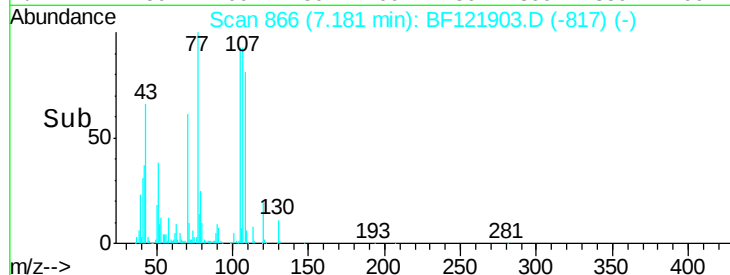
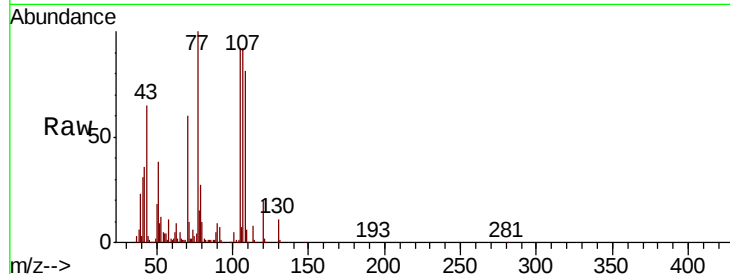


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

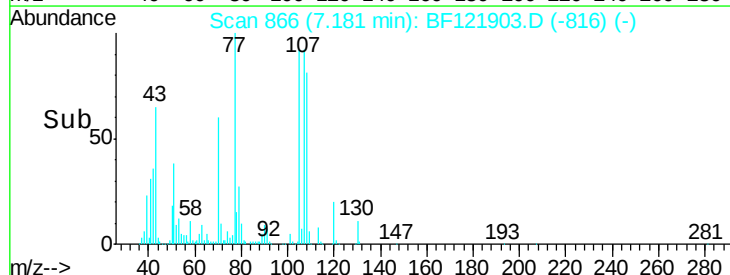
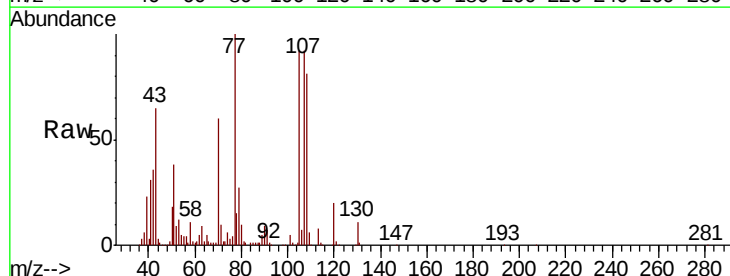
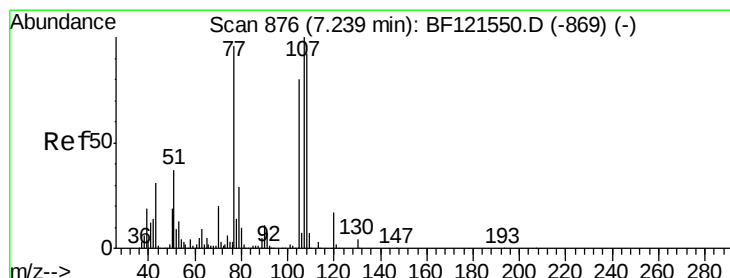
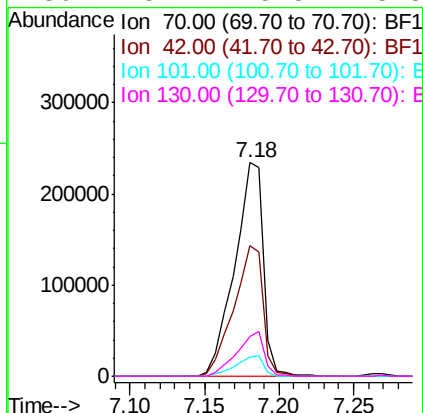




#19
n-Nitroso-di-n-propylamine
Concen: 39.142 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

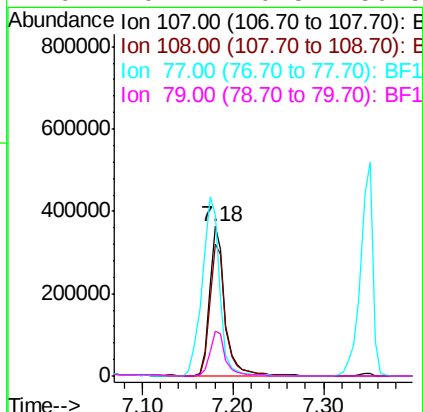
Instrument :
BNA_F
ClientSampleId :
PB132237BS

Tot Ion:	70	Resp:	312696
Ion	Ratio	Lower	Upper
70	100		
42	61.0	50.2	75.4
101	8.9	7.5	11.3
130	18.7	15.5	23.3



#20
3+4-Methylphenols
Concen: 38.976 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion:	107	Resp:	428628
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.9	108.9
77	108.3	108.0	148.0
79	29.7	10.5	50.5

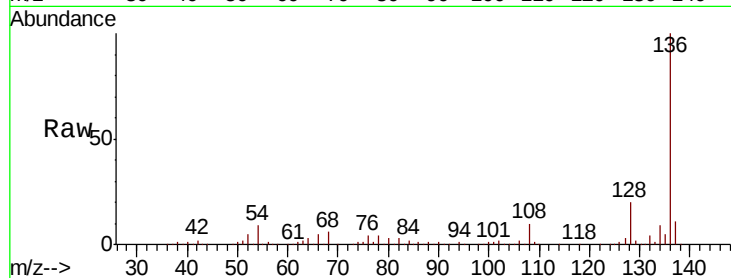




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Instrument :
BNA_F
ClientSampleId :
PB132237BS

Tot Ion:136	Resp:	596740
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 13.0
54	8.7	7.1 10.7
68	6.5	5.0 7.4



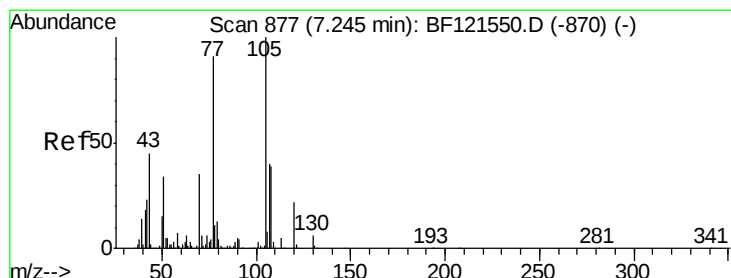
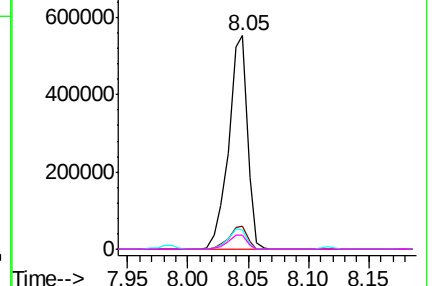
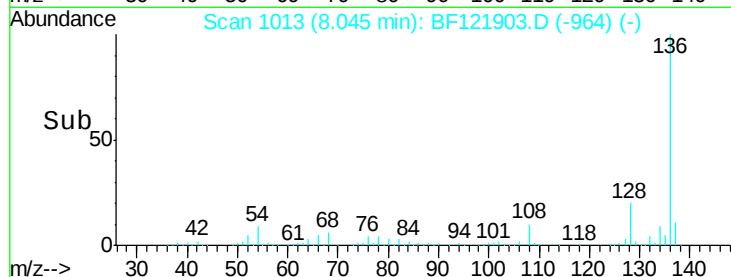
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

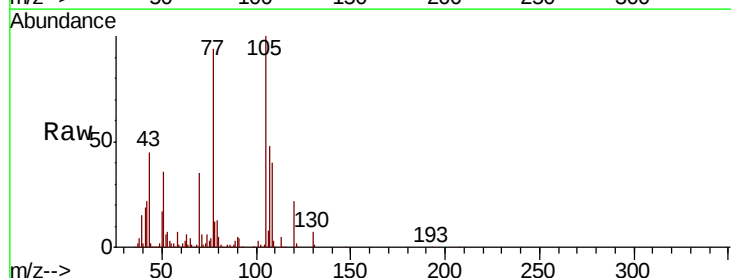
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.137 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion:105	Resp:	577413
Ion Ratio	Lower	Upper
105	100	
71	5.8	5.3 7.9
51	36.1	33.2 49.8
120	21.9	17.4 26.0



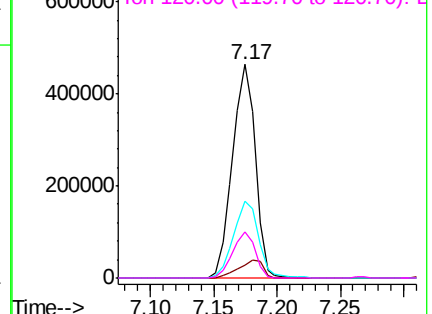
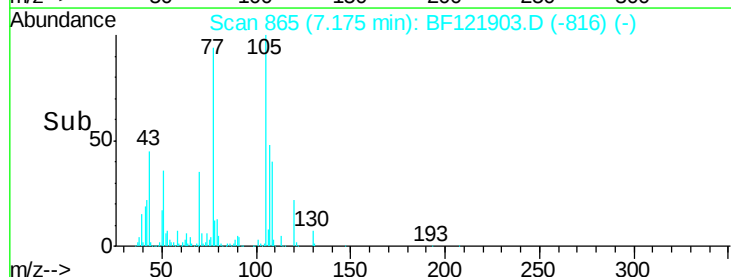
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

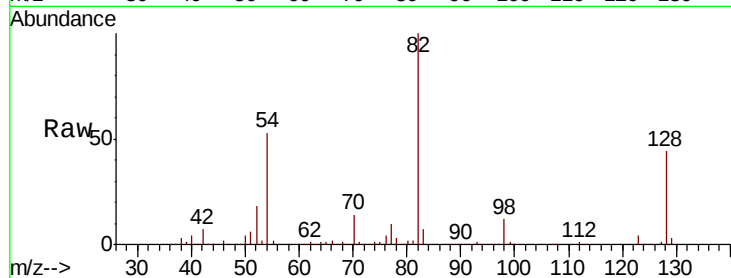




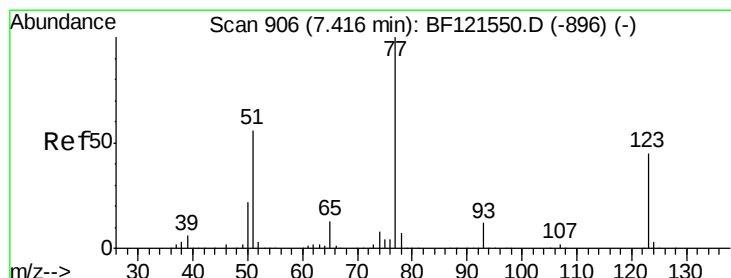
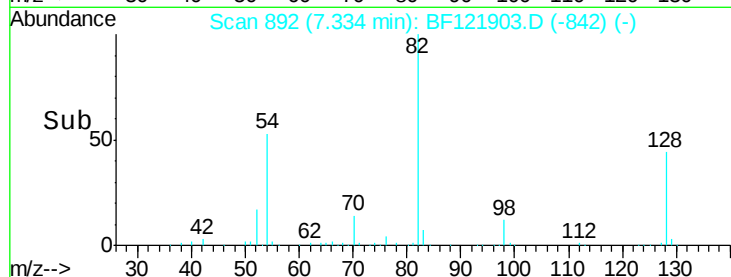
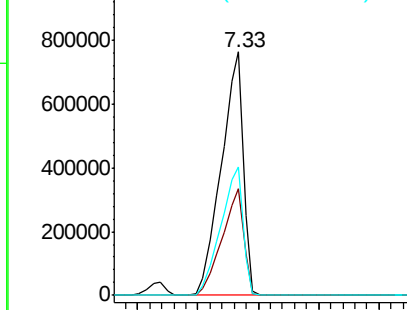
#23
 Nitrobenzene-d5
 Concen: 86.520 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB132237BS

Tot Ion	82	Resp	961599
Ion Ratio	100		
Lower	35.0		
Upper	52.4		
54	53.0	43.9	65.9

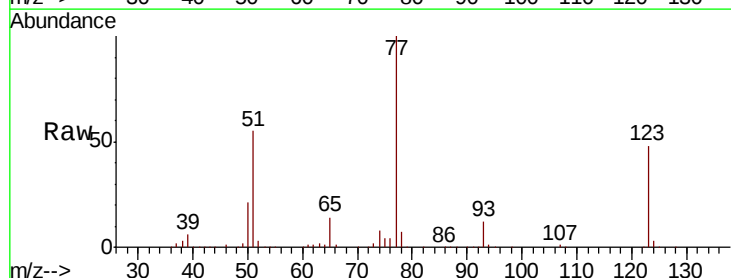


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

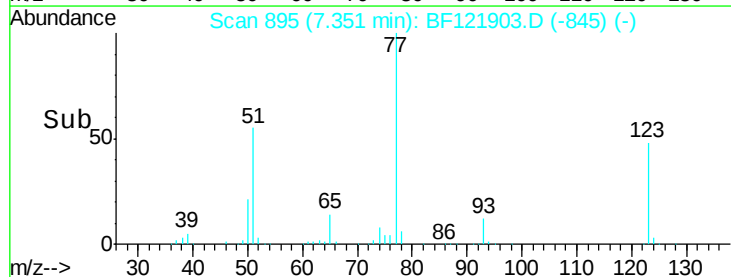
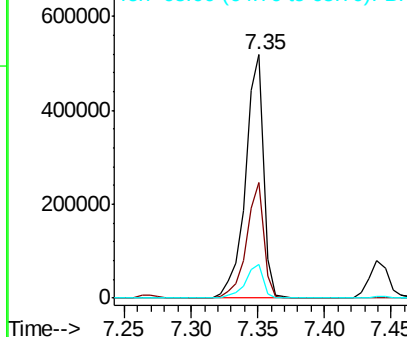


#24
 Nitrobenzene
 Concen: 40.030 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Tgt Ion	77	Resp	481190
Ion Ratio	100		
Lower	35.6		
Upper	53.4		
123	47.5	11.2	16.8
65	13.7		



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.928 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

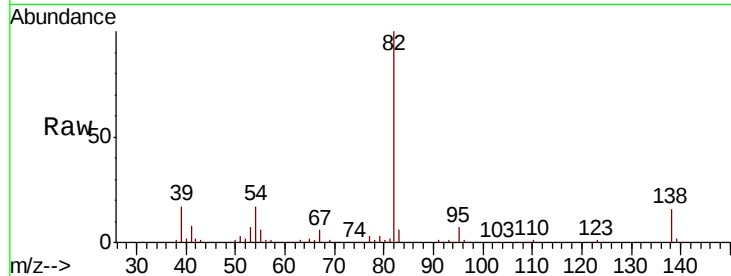
Tot Ion: 82 Resp: 870929

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

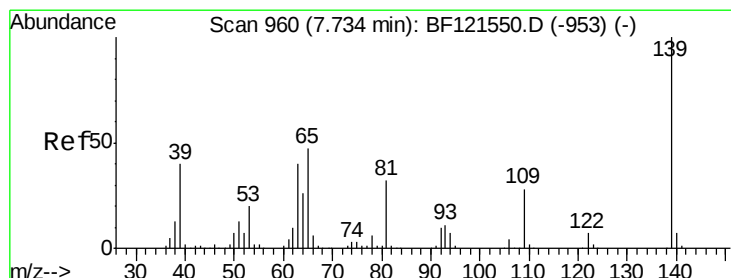
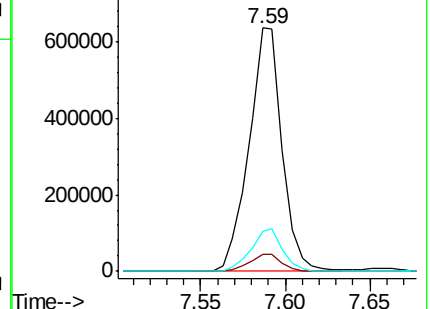
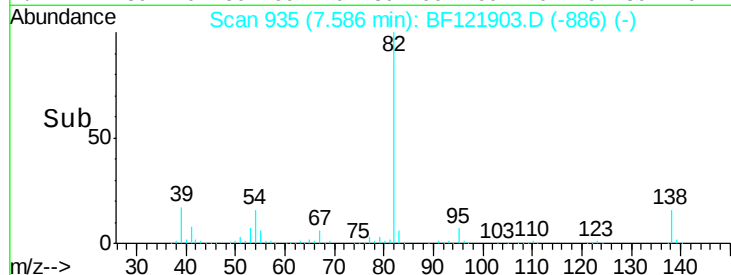
138 16.2 13.4 20.0



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: 42.324 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

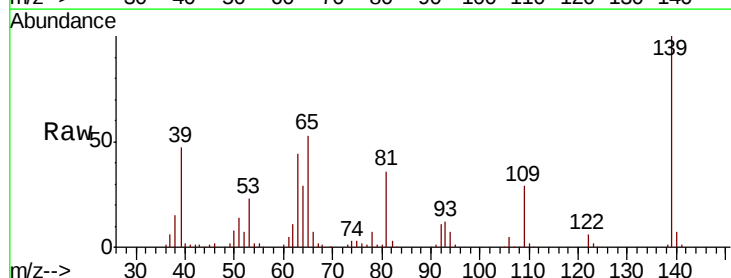
Tgt Ion: 139 Resp: 237702

Ion Ratio Lower Upper

139 100

109 29.4 23.0 34.4

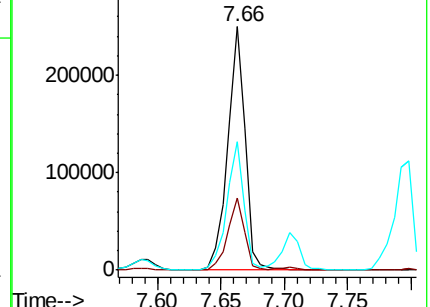
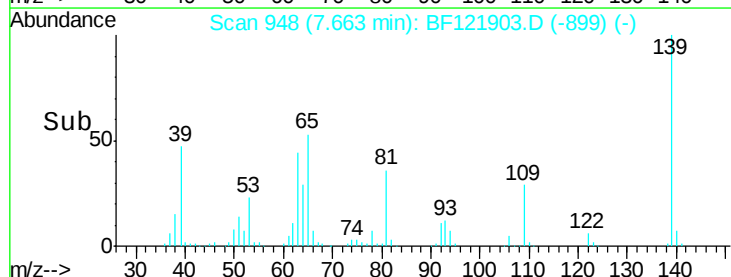
65 52.6 39.9 59.9

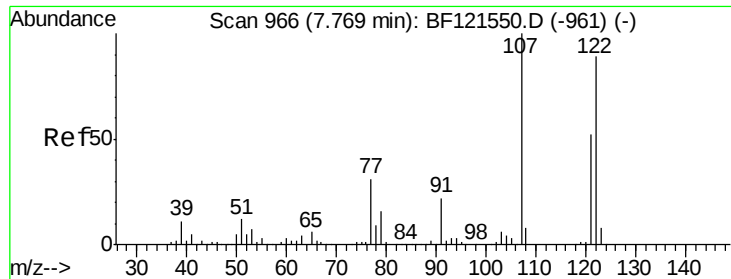


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

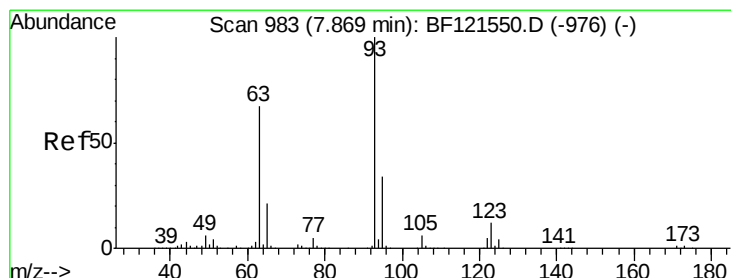
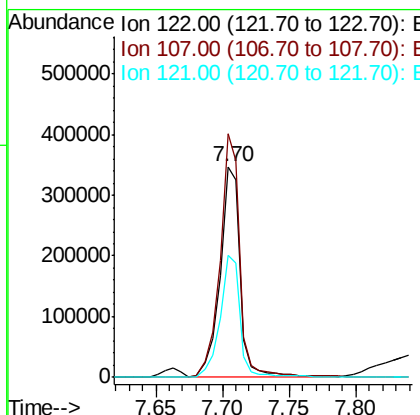
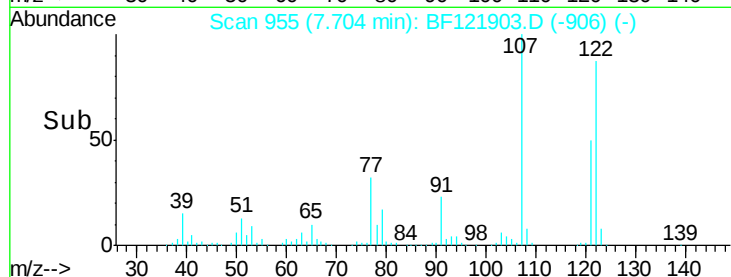
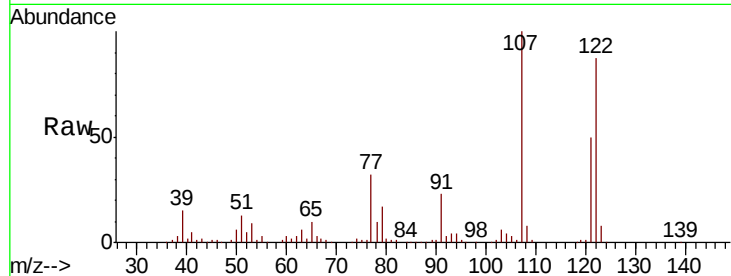




#27
2,4-Dimethylphenol
Concen: 36.896 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

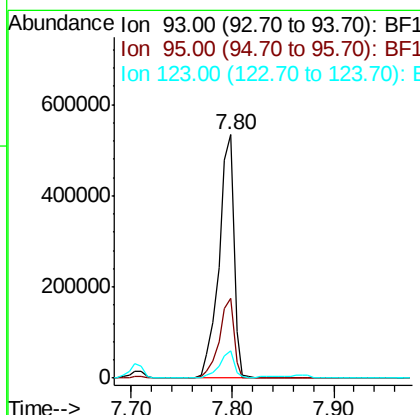
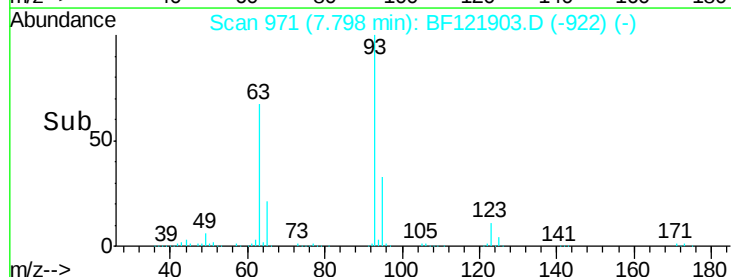
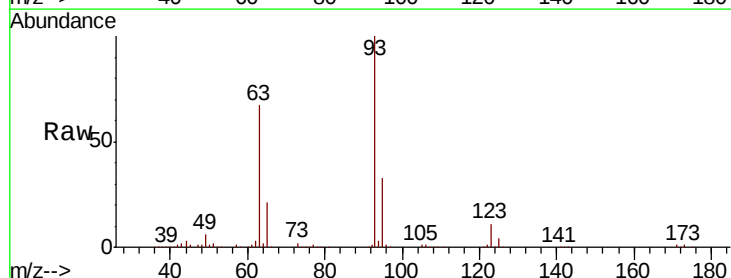
Instrument :
BNA_F
ClientSampleId :
PB132237BS

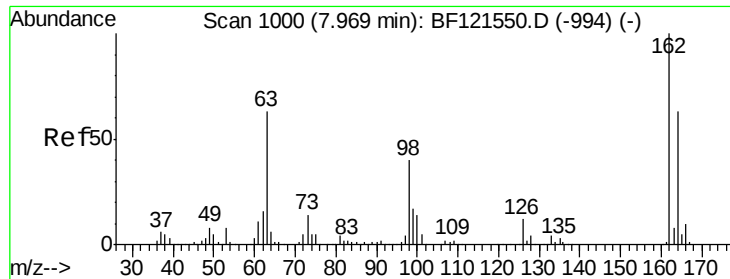
Tot Ion:122 Resp: 368470
Ion Ratio Lower Upper
122 100
107 115.5 90.8 136.2
121 58.0 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.761 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion: 93 Resp: 550710
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 11.3 8.8 13.2

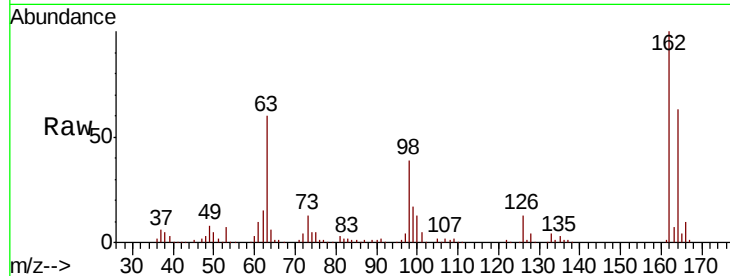




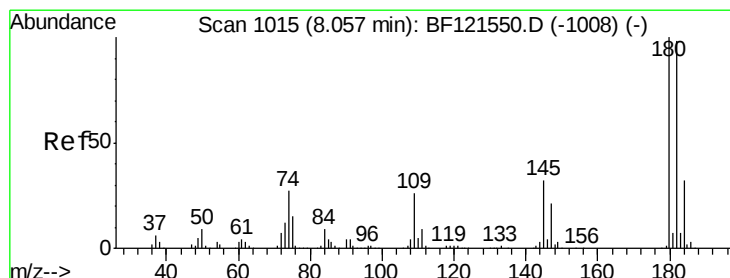
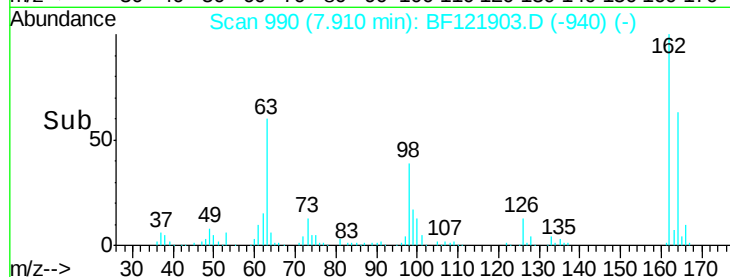
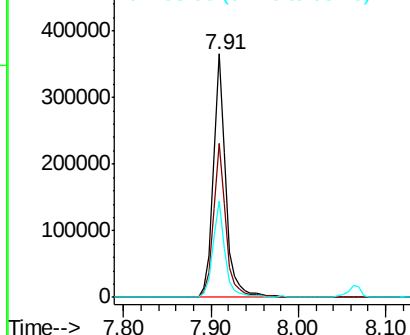
#29
2,4-Dichlorophenol
Concen: 40.127 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Instrument :
BNA_F
ClientSampleId :
PB132237BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.5	82.5
98	39.5	20.1	60.1

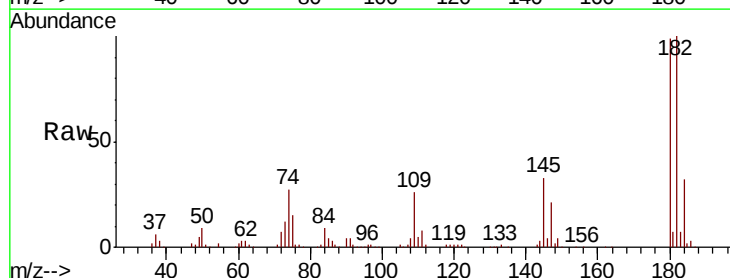


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

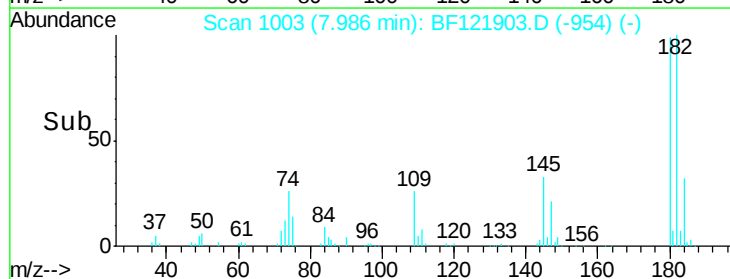
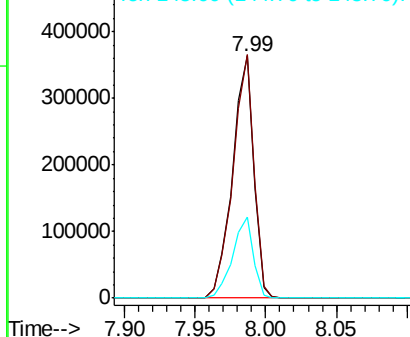


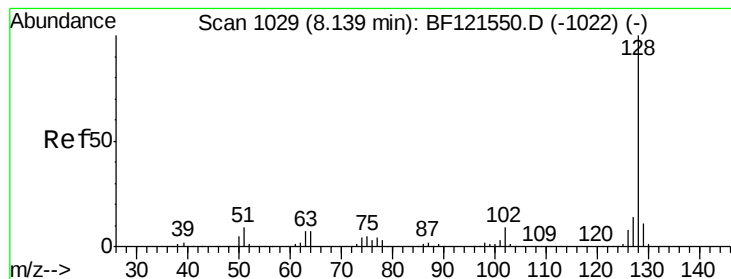
#30
1,2,4-Trichlorobenzene
Concen: 39.756 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.5	79.4	119.2
145	33.3	25.5	38.3



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





#31

Naphthalene

Concen: 38.719 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.02 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

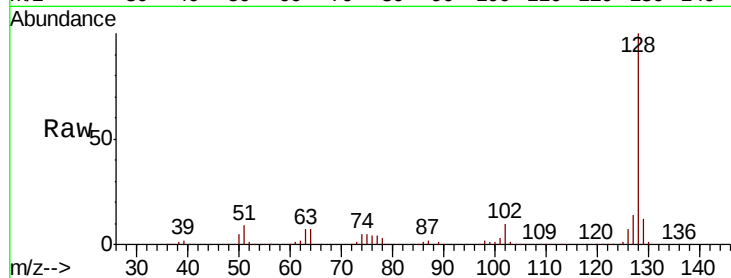
Tot Ion:128 Resp: 1219695

Ion Ratio Lower Upper

128 100

129 11.6 8.7 13.1

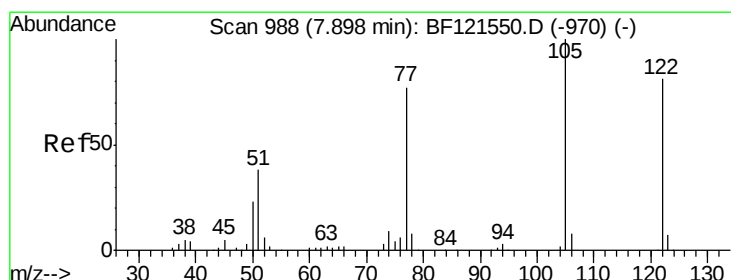
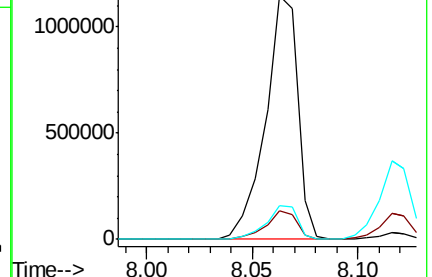
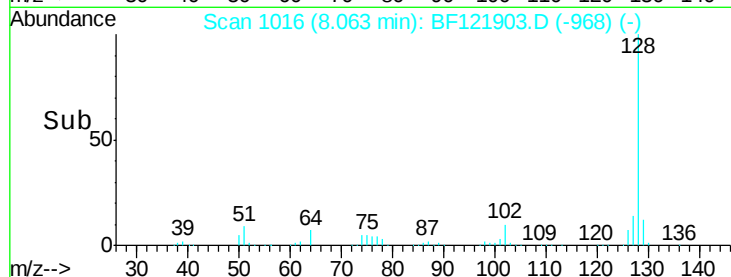
127 13.6 10.8 16.2



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: 29.205 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.02 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

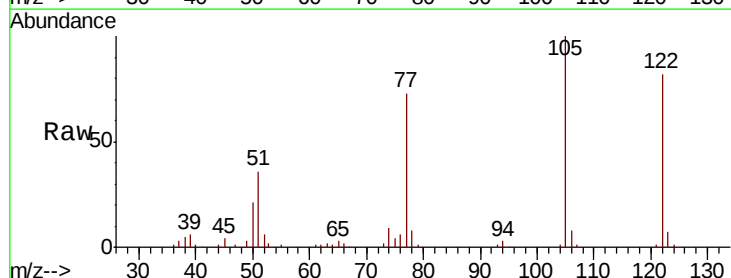
Tgt Ion:122 Resp: 193961

Ion Ratio Lower Upper

122 100

105 122.5 103.3 143.3

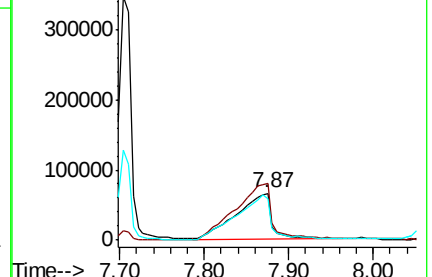
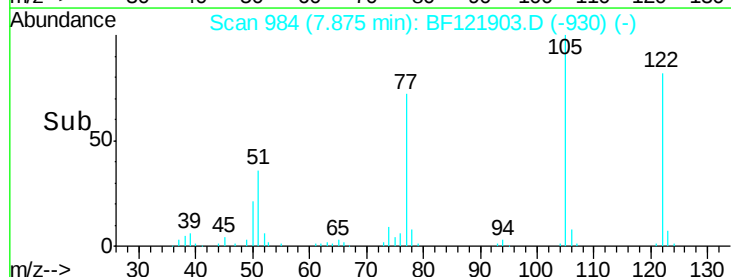
77 89.1 73.9 113.9

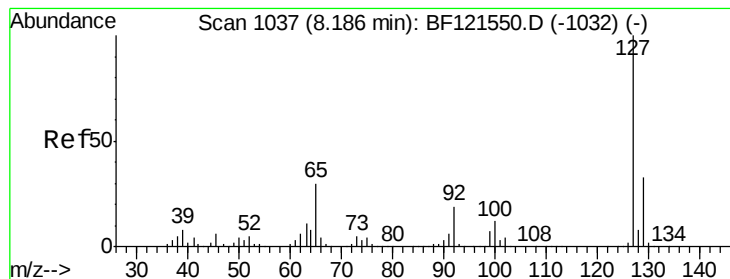


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 32.101 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

Tot Ion:127 Resp: 438330

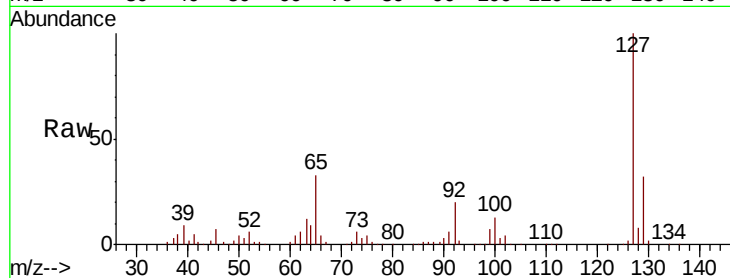
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 33.1 26.2 39.2

92 20.1 15.9 23.9

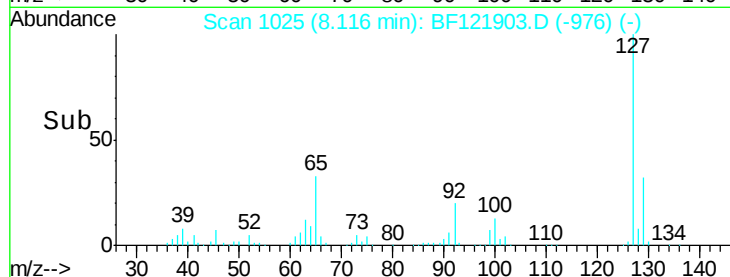


Abundance Ion 127.00 (126.70 to 127.70): E

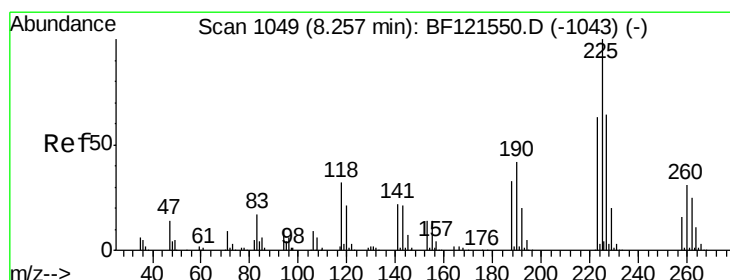
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time--> 8.00 8.10 8.20 8.30



#34

Hexachlorobutadiene

Concen: 41.182 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

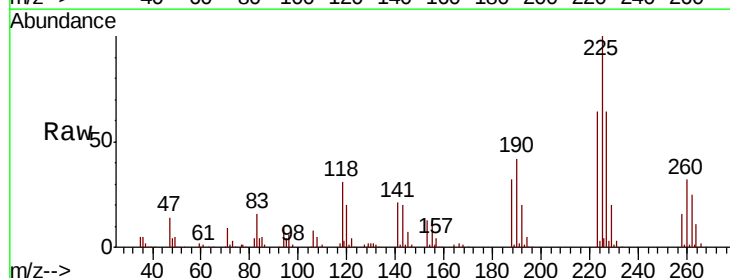
Tgt Ion:225 Resp: 231567

Ion Ratio Lower Upper

225 100

223 64.0 51.1 76.7

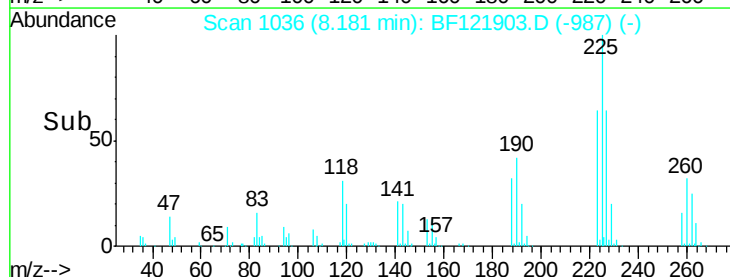
227 64.2 51.0 76.6



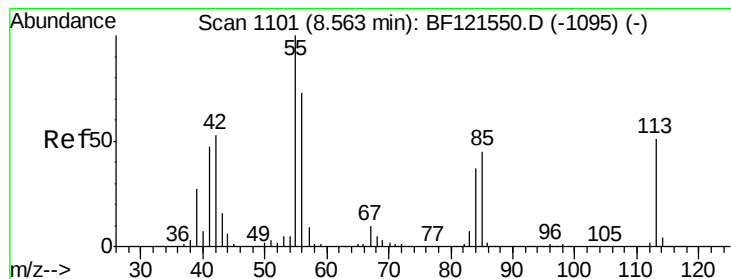
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time--> 8.10 8.15 8.20 8.25



#35

Caprolactam

Concen: 21.753 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

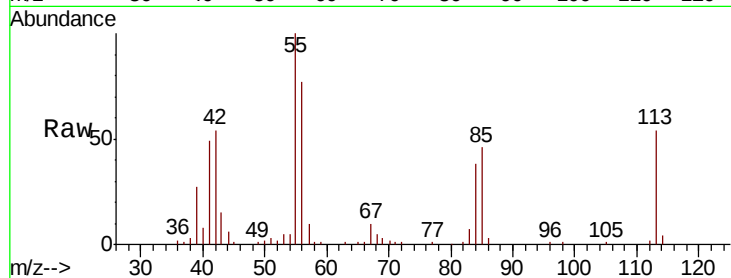
Tot Ion:113 Resp: 65891

Ion Ratio Lower Upper

113 100

55 185.6 167.5 207.5

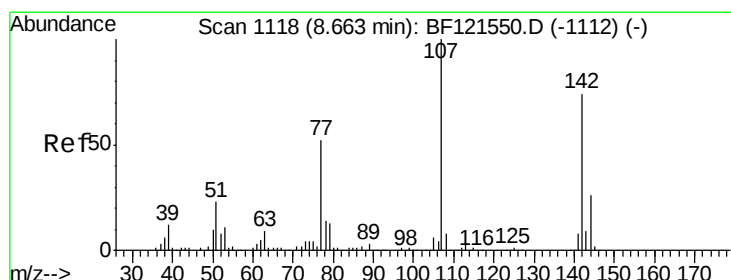
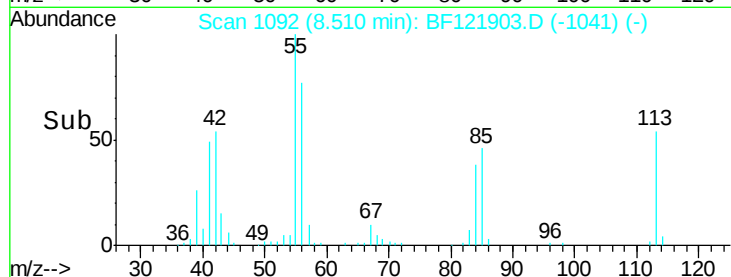
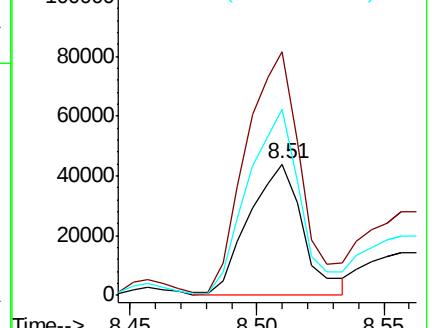
56 142.2 121.2 161.2



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: 40.176 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

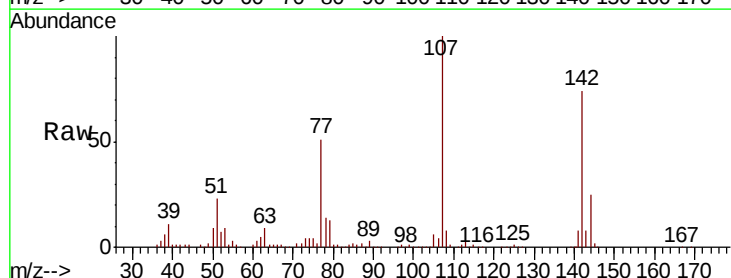
Tgt Ion:107 Resp: 393674

Ion Ratio Lower Upper

107 100

144 24.8 20.1 30.1

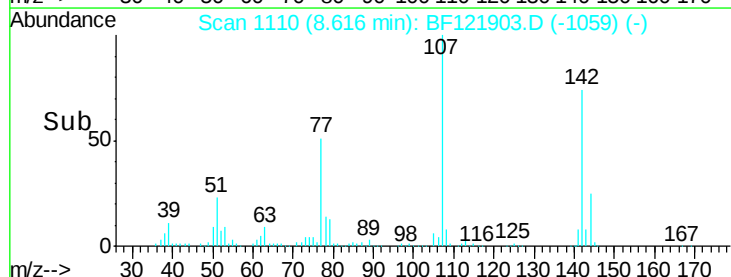
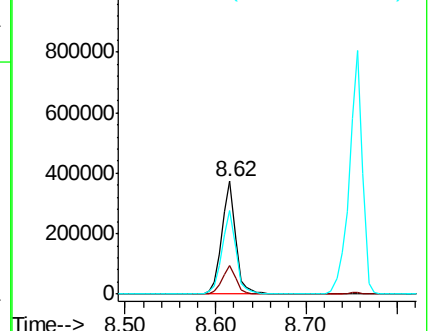
142 74.1 59.3 88.9



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: 39.498 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

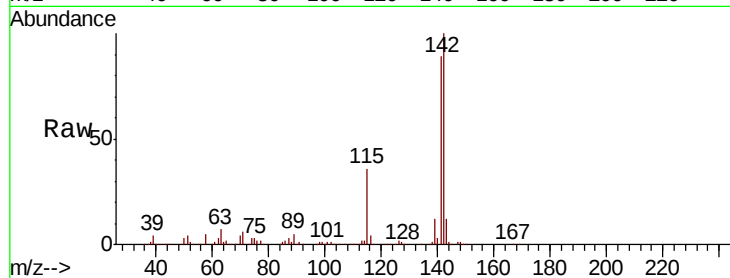
Tot Ion:142 Resp: 815397

Ion Ratio Lower Upper

142 100

141 88.9 70.2 105.4

115 36.5 28.6 43.0

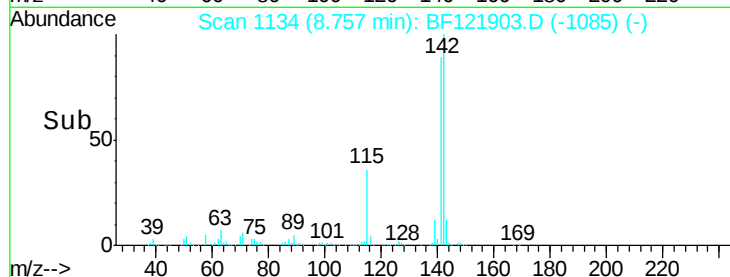


Abundance Ion 142.00 (141.70 to 142.70): E

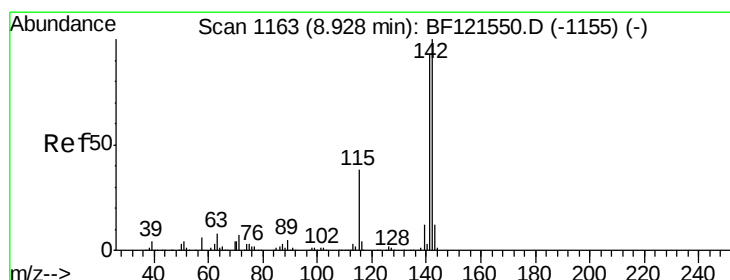
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.76



Time-->



#38

1-Methylnaphthalene

Concen: 39.342 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

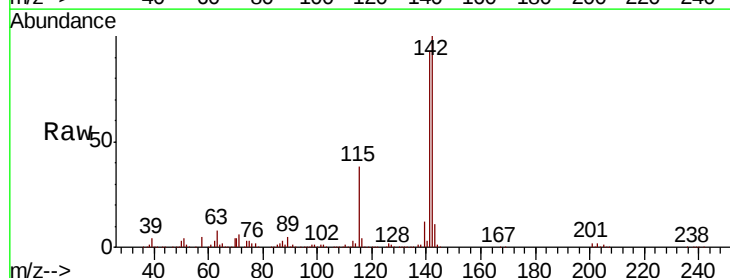
Tgt Ion:142 Resp: 755865

Ion Ratio Lower Upper

142 100

141 92.9 74.5 111.7

116 3.9 3.2 4.8

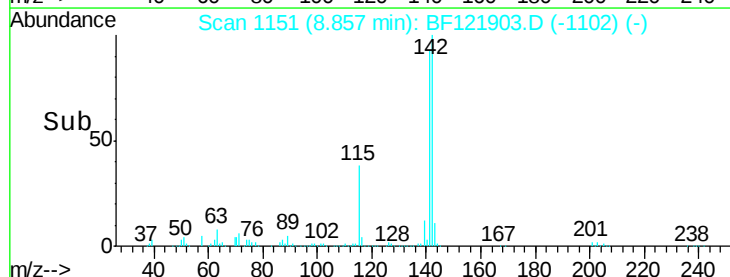


Abundance Ion 142.00 (141.70 to 142.70): E

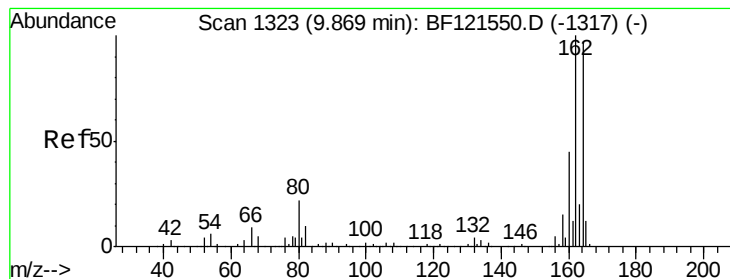
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.86



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

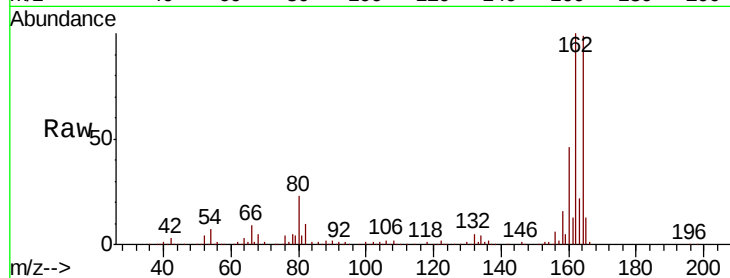
Tot Ion:164 Resp: 305662

Ion Ratio Lower Upper

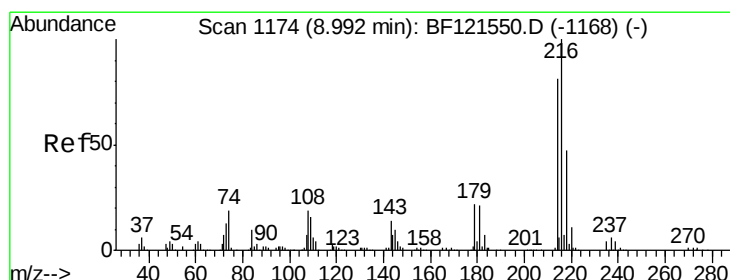
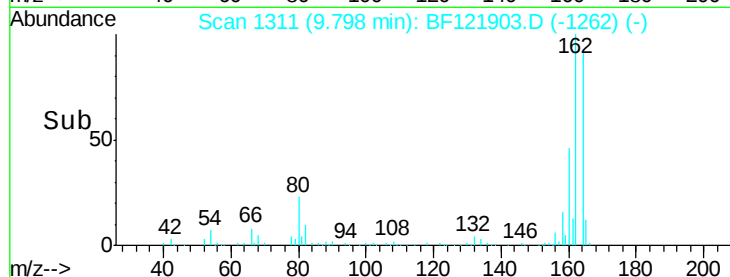
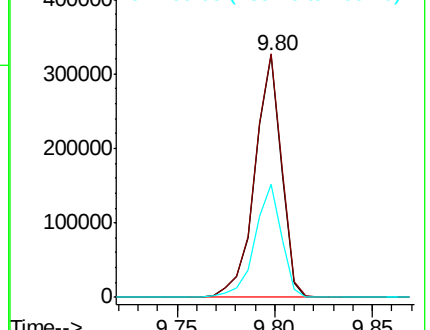
164 100

162 100.5 83.2 124.8

160 46.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.350 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Tgt Ion:216 Resp: 375713

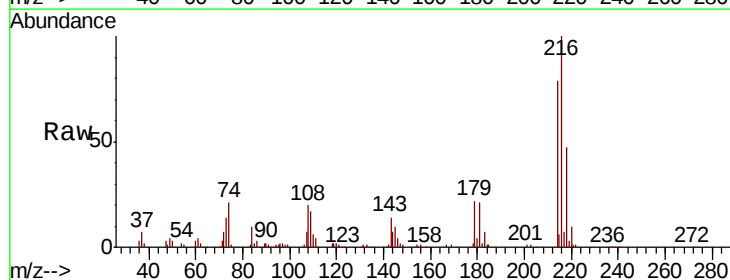
Ion Ratio Lower Upper

216 100

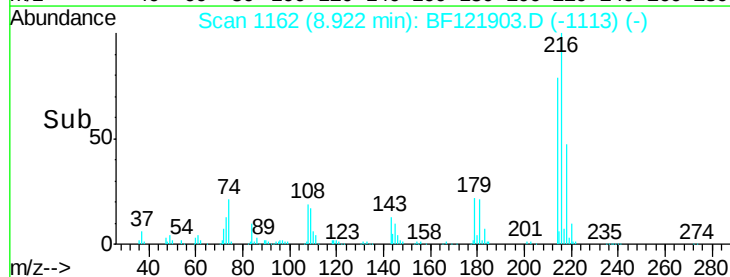
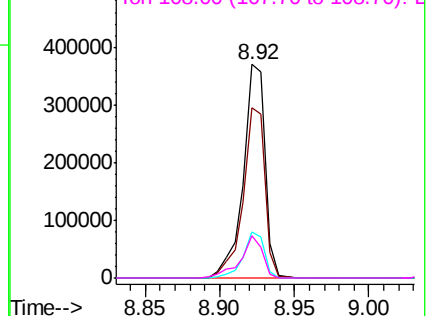
214 79.4 63.4 95.2

179 21.0 17.0 25.6

108 20.1 15.5 23.3



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: 46.498 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

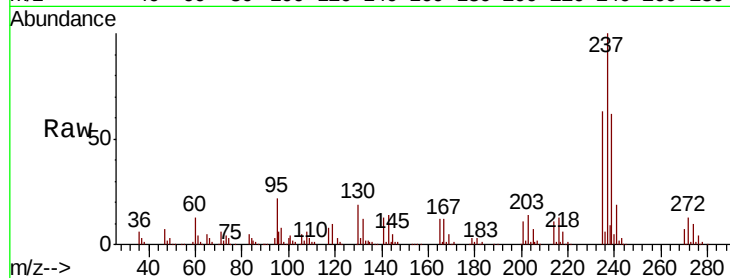
Tot Ion:237 Resp: 253533

Ion Ratio Lower Upper

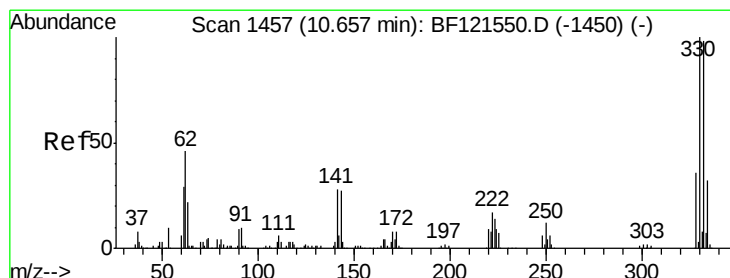
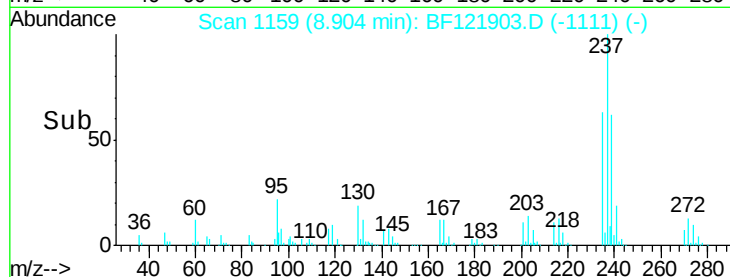
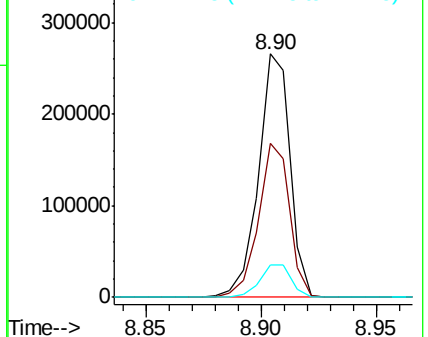
237 100

235 63.2 41.8 81.8

272 13.1 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 117.726 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

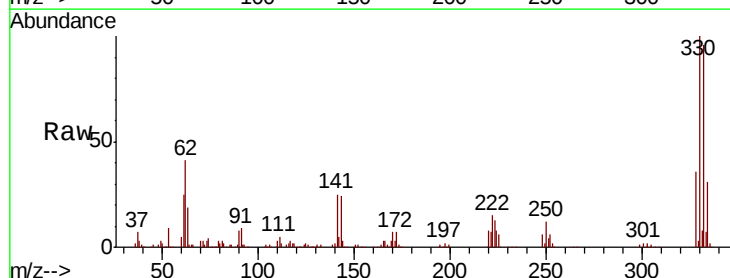
Tgt Ion:330 Resp: 447239

Ion Ratio Lower Upper

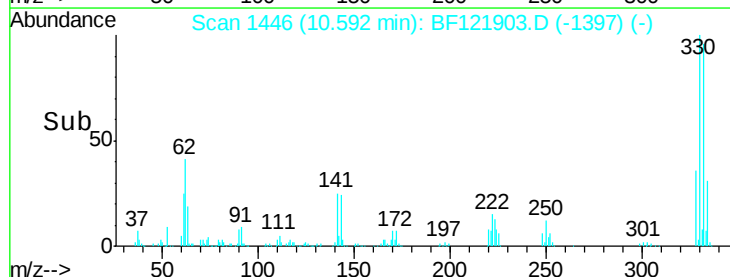
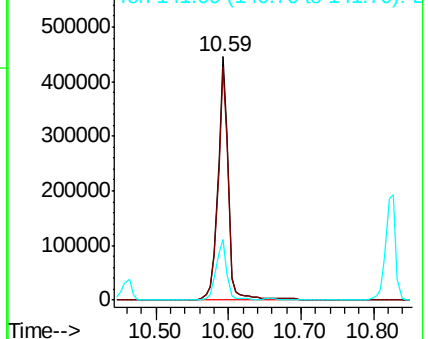
330 100

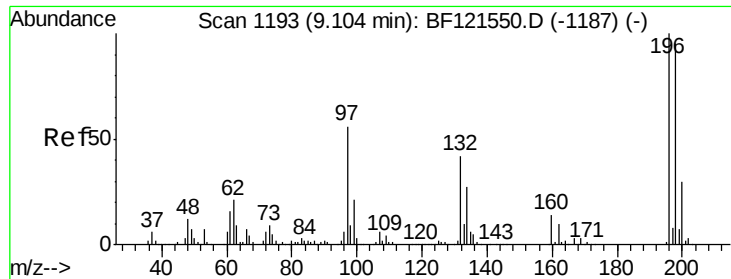
332 95.6 77.3 115.9

141 26.1 22.3 33.5



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

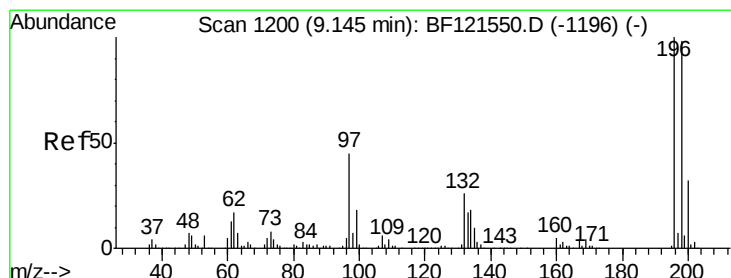
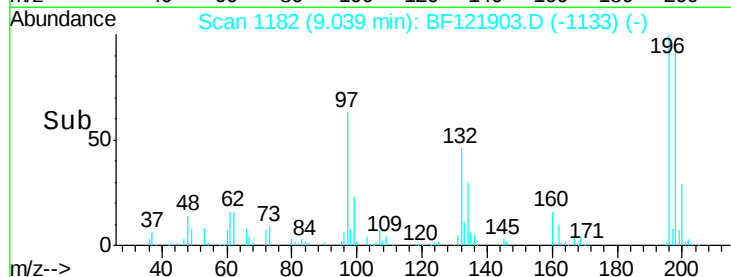
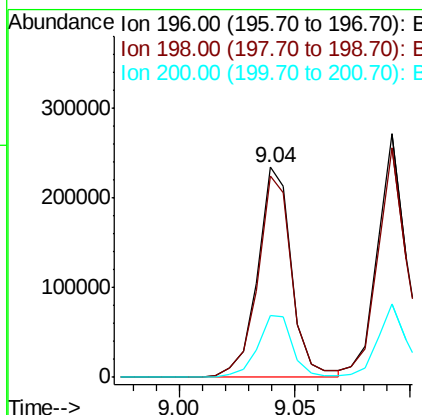
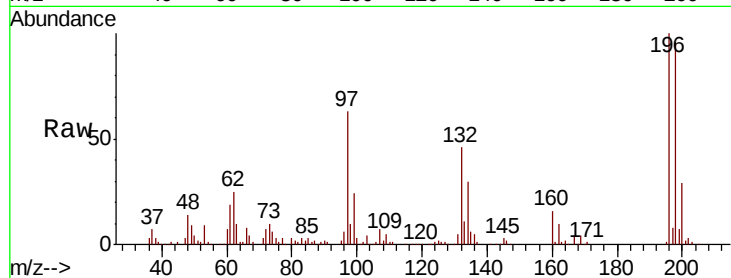




#43
 2,4,6-Trichlorophenol
 Concen: 37.074 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

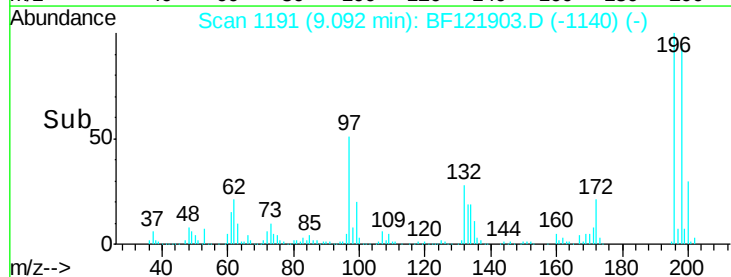
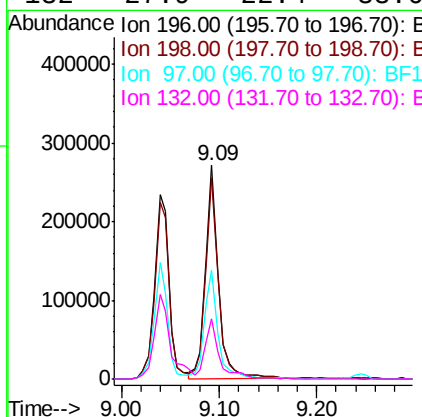
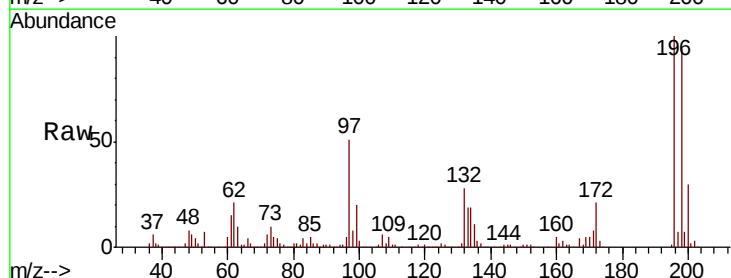
Instrument :
 BNA_F
 ClientSampleId :
 PB132237BS

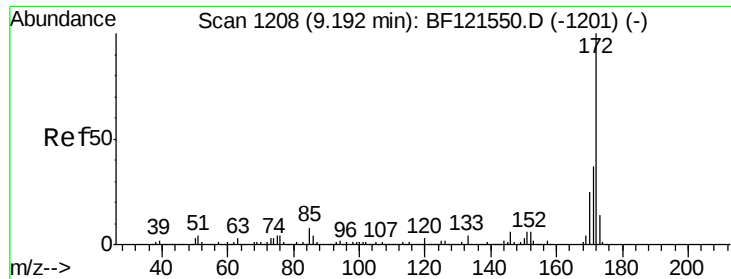
Tot Ion:196 Resp: 241279
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.8 113.6
 200 29.4 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 36.915 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Tgt Ion:196 Resp: 253975
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.1 114.1
 97 50.8 41.0 61.6
 132 27.9 22.4 33.6

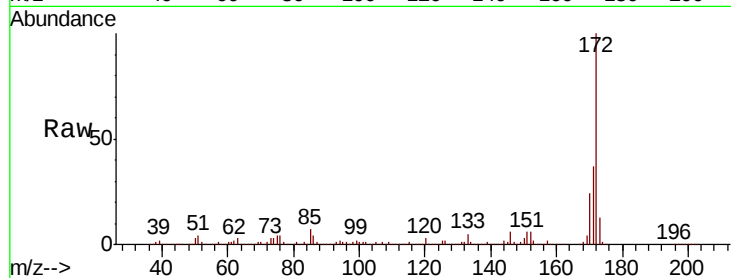




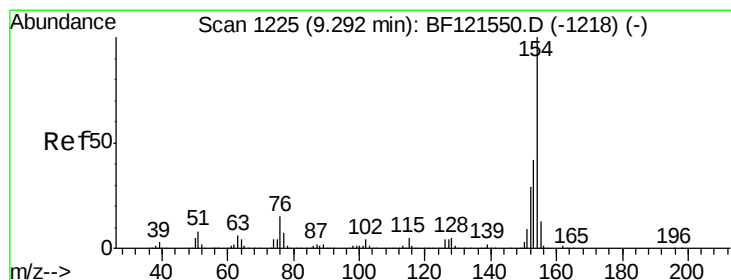
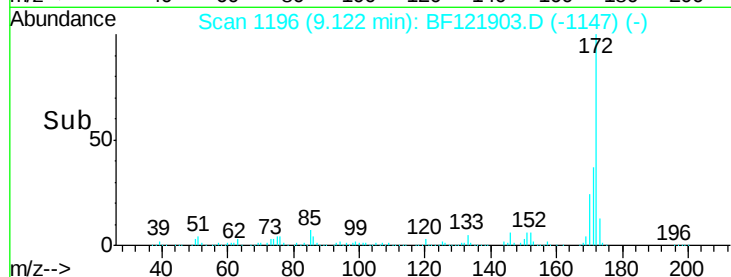
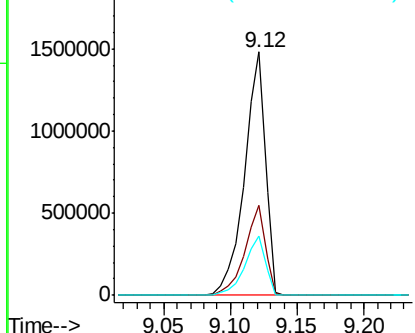
#45
2-Fluorobiphenyl
Concen: 78.850 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Instrument :
BNA_F
ClientSampleId :
PB132237BS

Tot Ion:172 Resp: 1591355
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.4 19.8 29.6

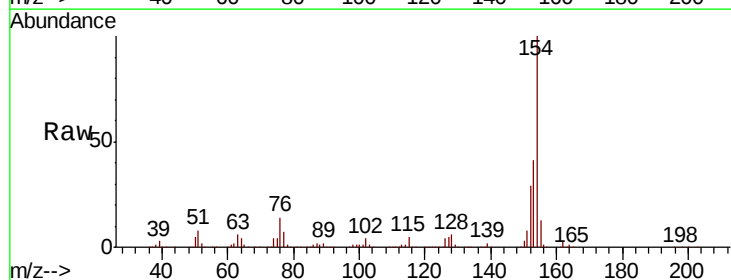


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

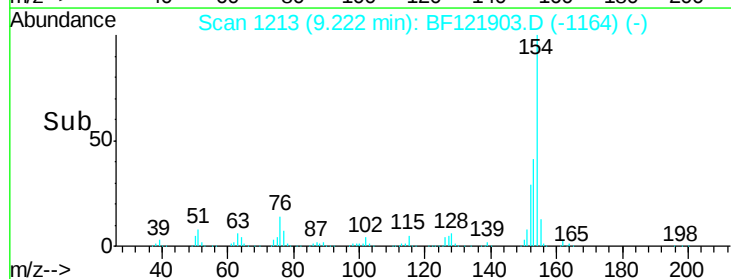
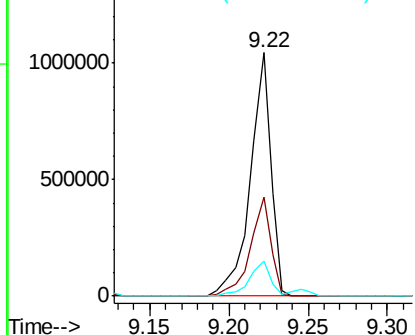


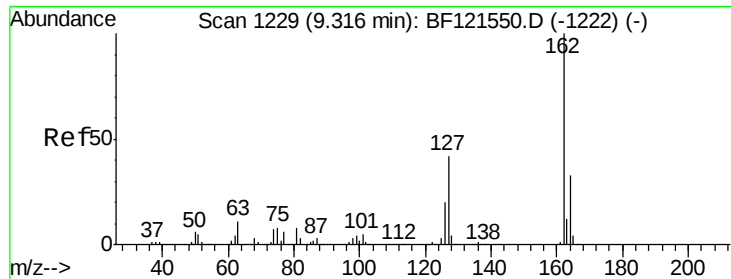
#46
1,1'-Biphenyl
Concen: 38.378 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion:154 Resp: 939108
Ion Ratio Lower Upper
154 100
153 40.7 21.3 61.3
76 14.3 0.0 34.7



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

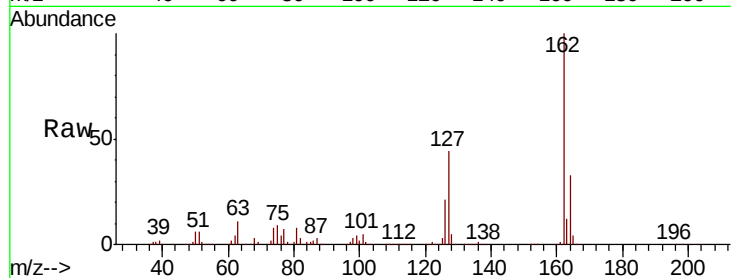




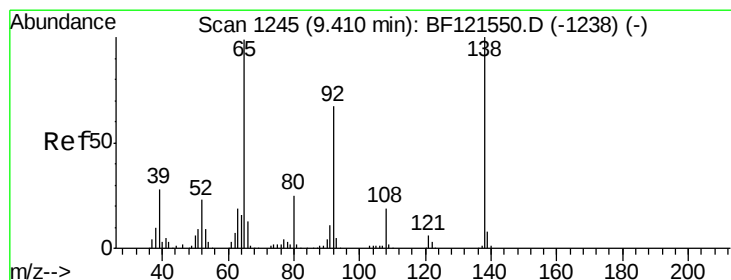
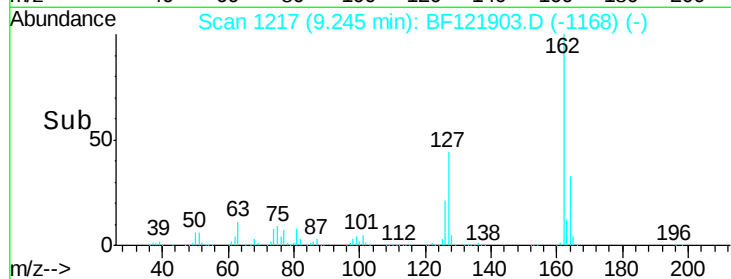
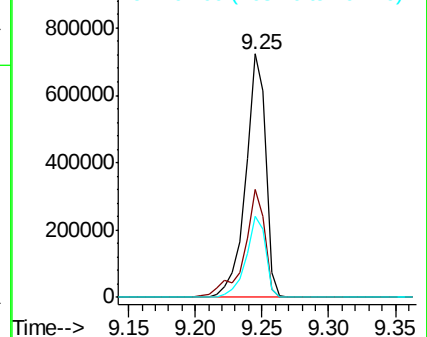
#47
 2-Chloronaphthalene
 Concen: 38.635 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB132237BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.3	34.4	51.6
164	33.3	26.3	39.5

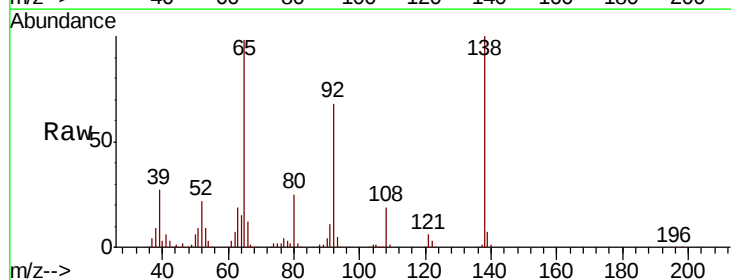


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

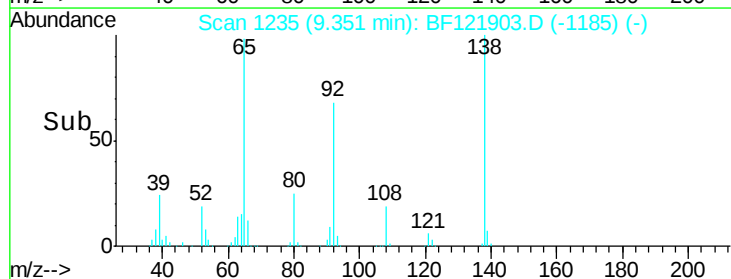
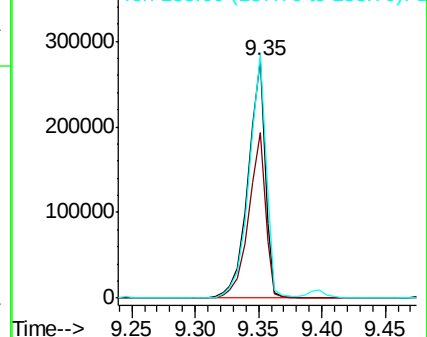


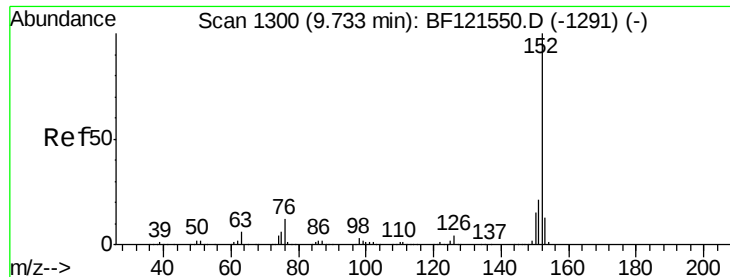
#48
 2-Nitroaniline
 Concen: 43.448 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	55.1	82.7
138	102.3	80.5	120.7



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: 37.860 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

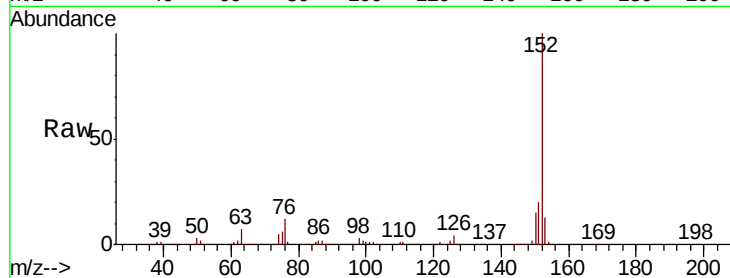
Tot Ion:152 Resp: 1121721

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

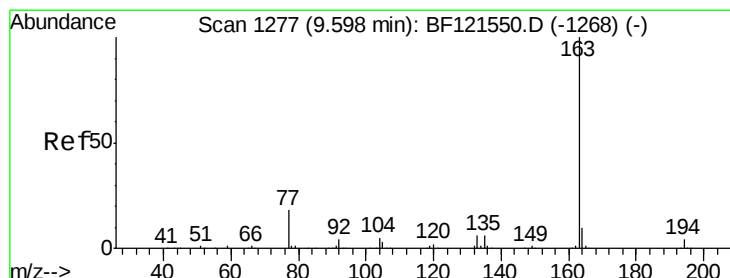
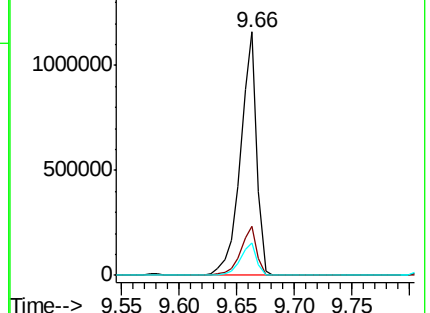
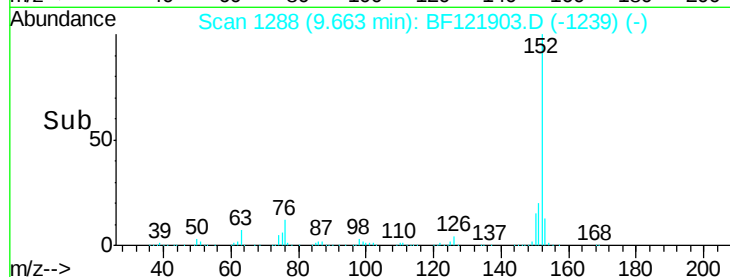
153 13.2 10.6 15.8



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: 41.148 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

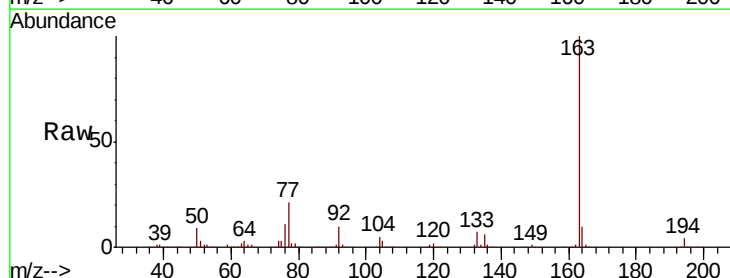
Tgt Ion:163 Resp: 911587

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

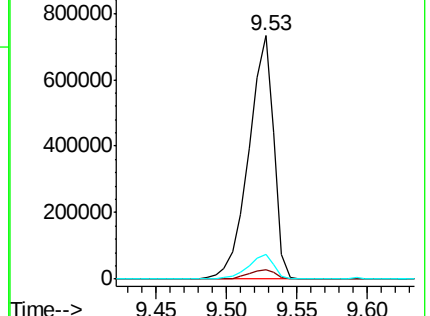
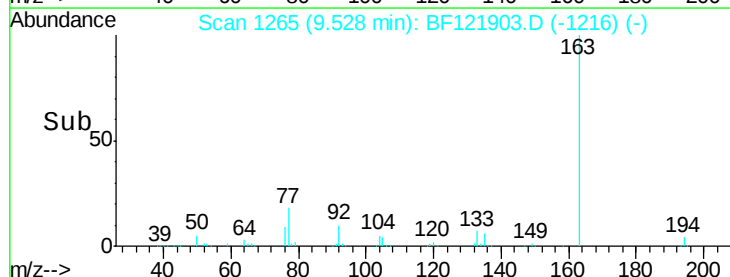
164 10.4 8.2 12.4

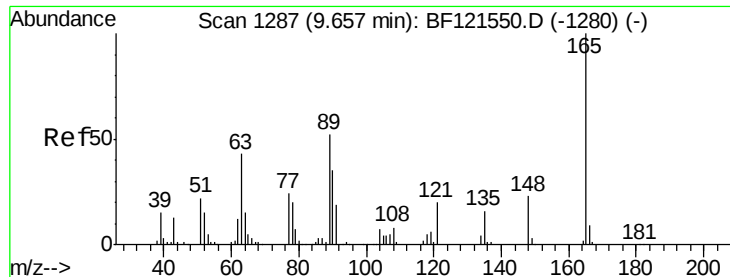


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

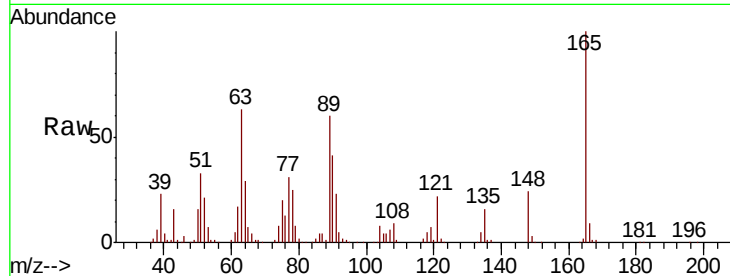




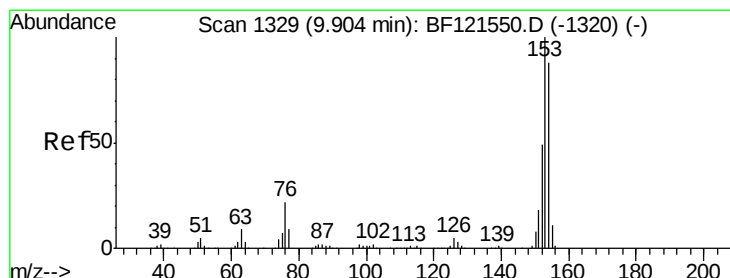
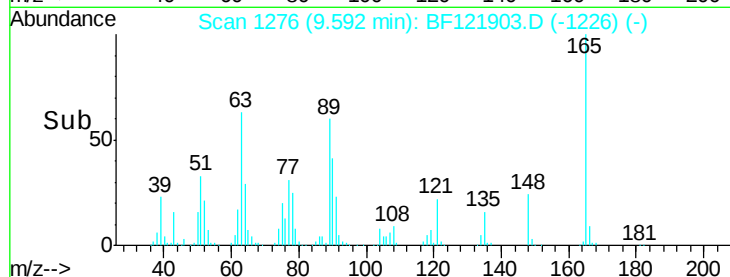
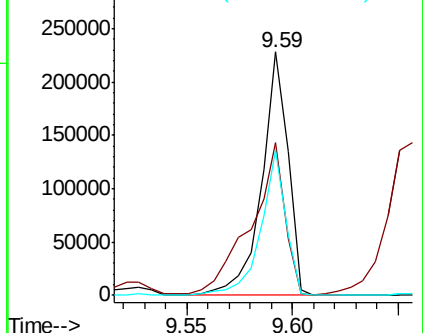
#51
 2,6-Dinitrotoluene
 Concen: 42.048 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB132237BS

Tot Ion:165 Resp: 198384
 Ion Ratio Lower Upper
 165 100
 63 62.5 51.8 77.6
 89 59.8 49.0 73.6

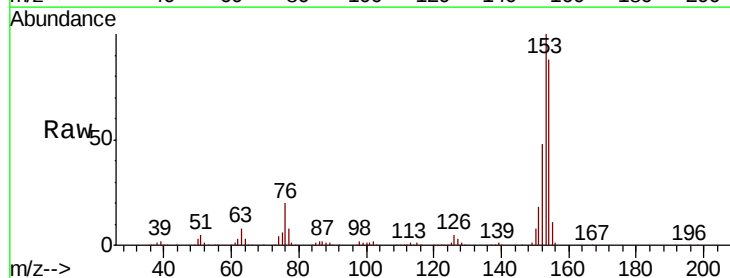


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

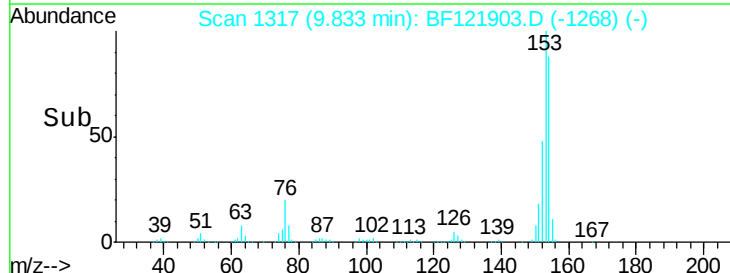
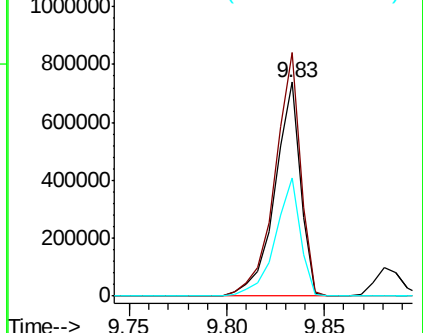


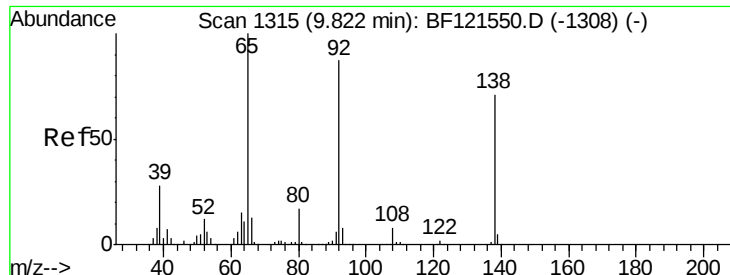
#52
 Acenaphthene
 Concen: 36.081 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Tgt Ion:154 Resp: 675203
 Ion Ratio Lower Upper
 154 100
 153 113.8 89.8 134.8
 152 55.1 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

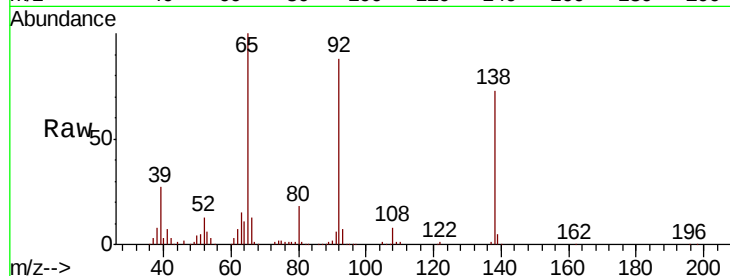




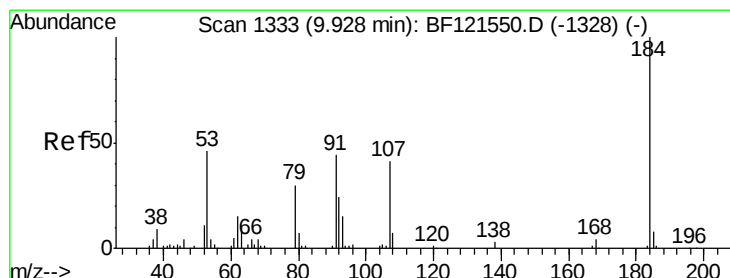
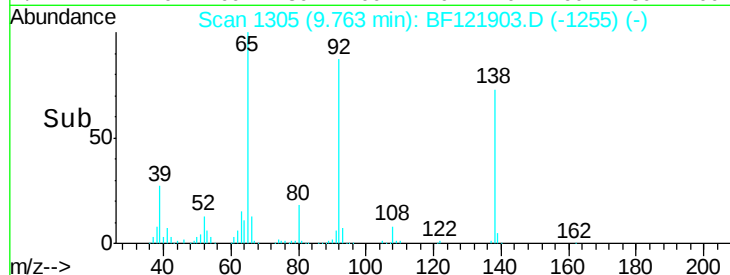
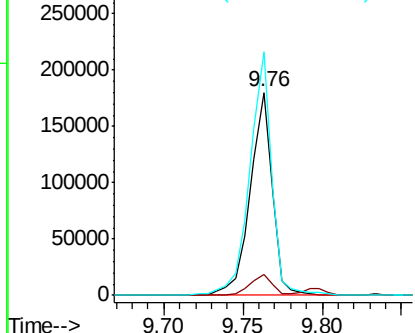
#53
3-Nitroaniline
Concen: 31.857 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Instrument :
BNA_F
ClientSampleId :
PB132237BS

Tot Ion:138 Resp: 174115
Ion Ratio Lower Upper
138 100
108 10.5 8.6 13.0
92 119.8 96.6 144.8

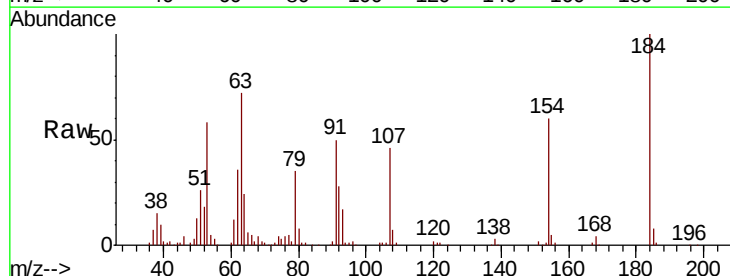


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

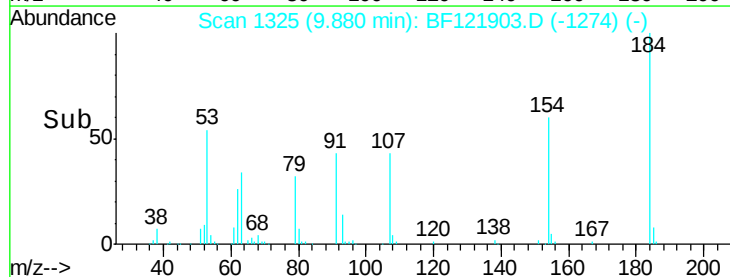
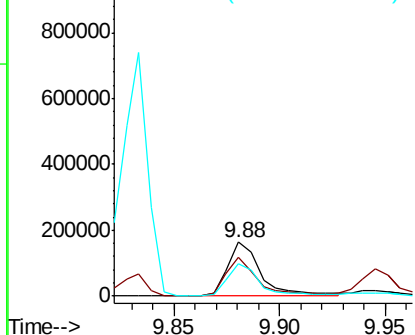


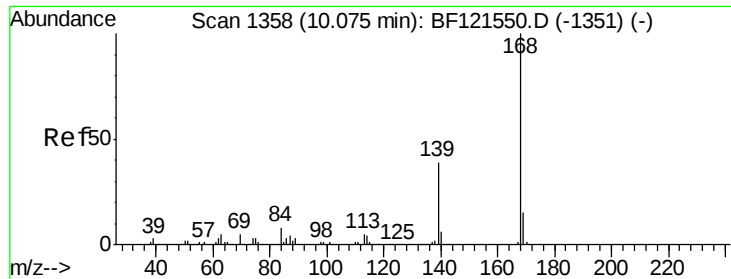
#54
2,4-Dinitrophenol
Concen: 67.968 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion:184 Resp: 180780
Ion Ratio Lower Upper
184 100
63 71.7 45.9 68.9#
154 60.0 45.8 68.6



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

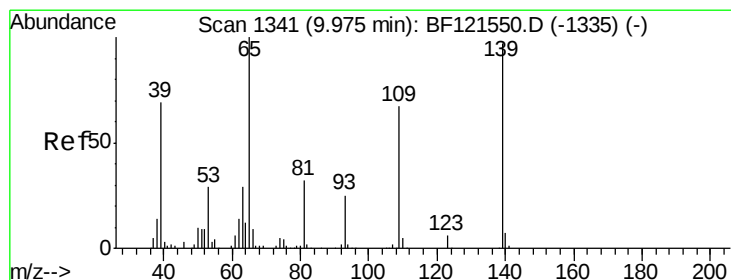
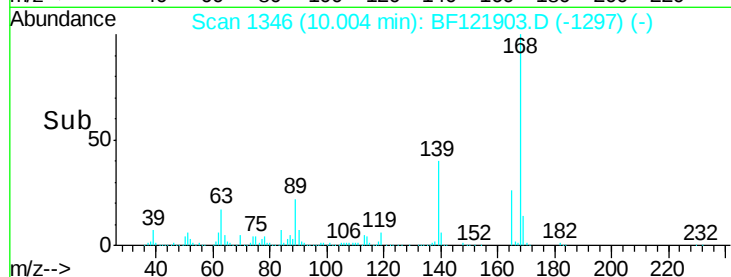
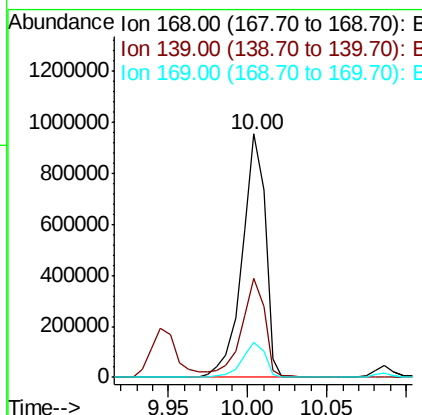
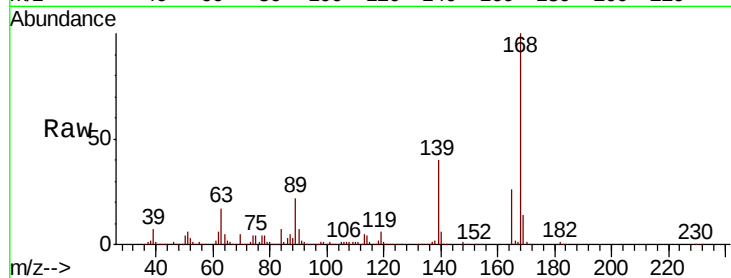




#55
Dibenzenofuran
Concen: 36.521 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

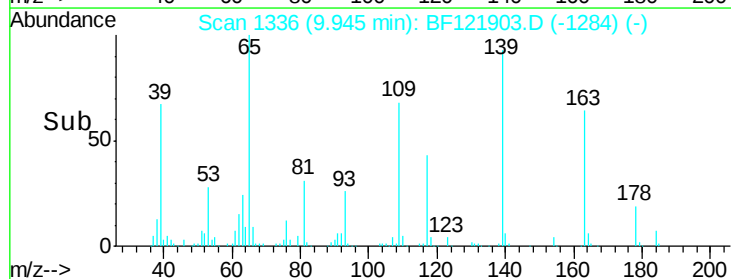
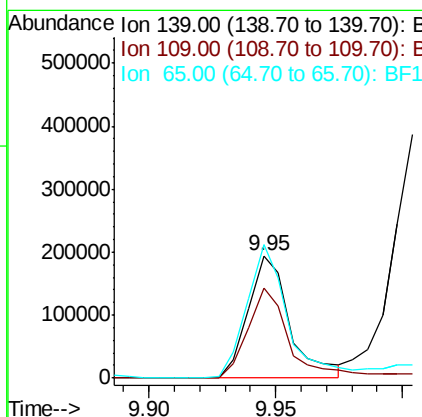
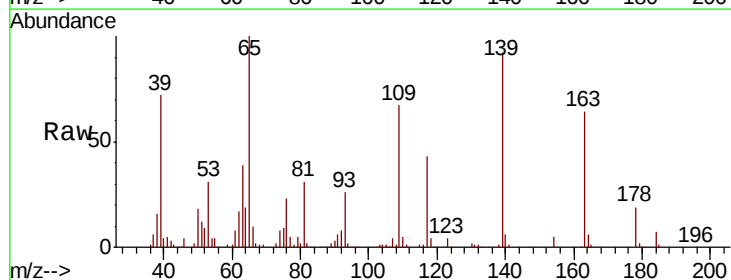
Instrument :
BNA_F
ClientSampleId :
PB132237BS

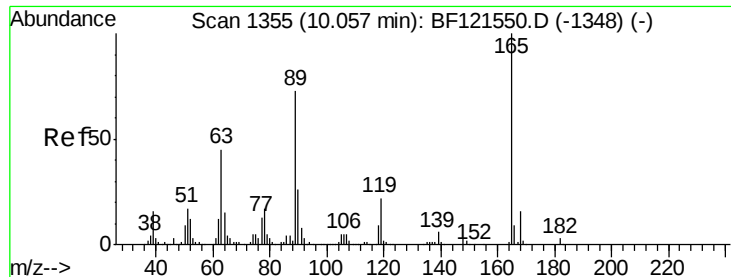
Tot Ion:168 Resp: 962442
Ion Ratio Lower Upper
168 100
139 40.5 31.0 46.6
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 51.264 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion:139 Resp: 223448
Ion Ratio Lower Upper
139 100
109 73.3 45.4 85.4
65 108.9 68.4 108.4#





#57

2,4-Dinitrotoluene

Concen: 40.641 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

Tot Ion:165 Resp: 241226

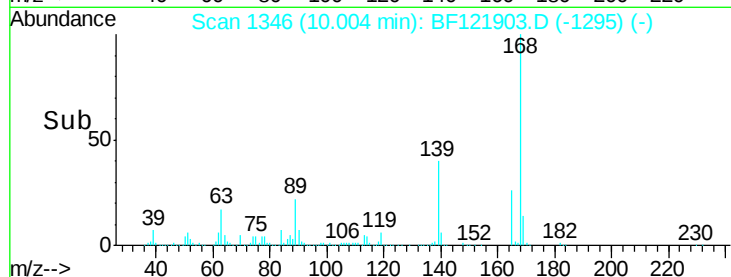
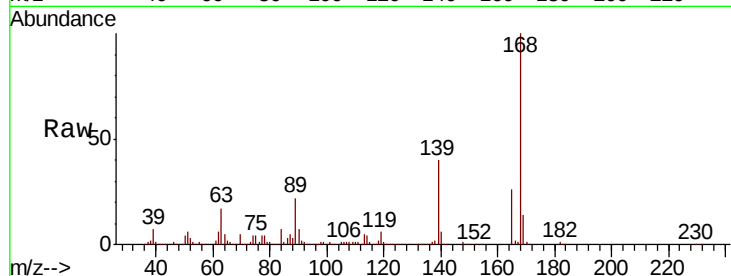
Ion Ratio Lower Upper

165 100

63 64.6 41.3 61.9#

89 83.1 61.8 92.8

182 2.7 2.1 3.1

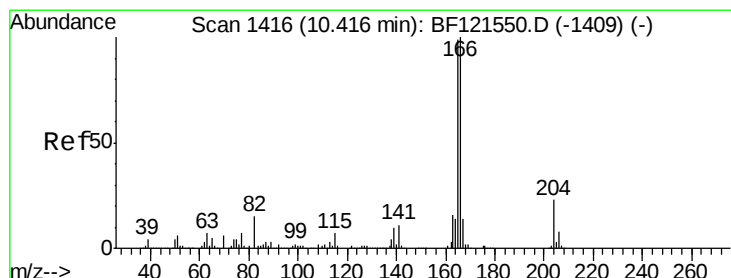
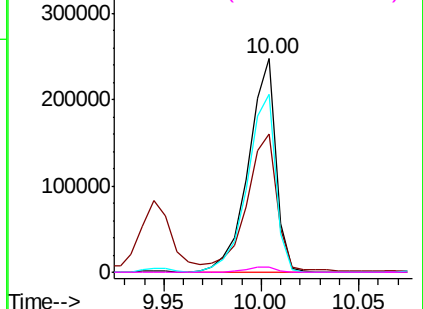


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.550 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

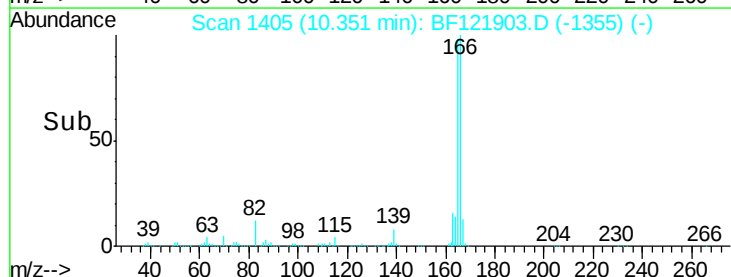
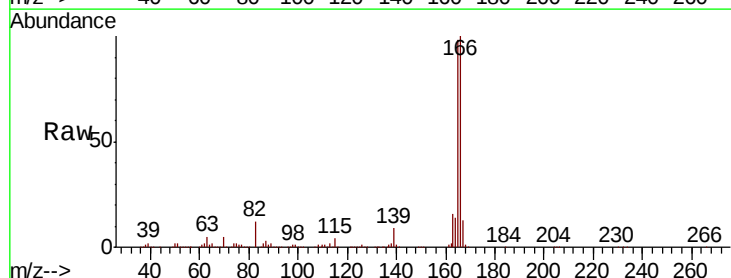
Tgt Ion:166 Resp: 797051

Ion Ratio Lower Upper

166 100

165 98.4 79.1 118.7

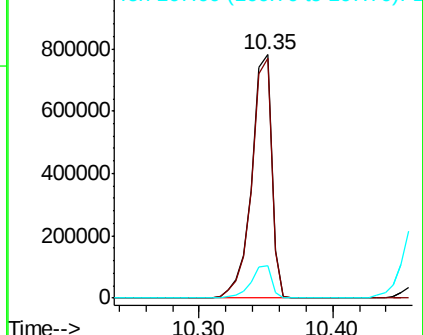
167 13.4 11.0 16.6

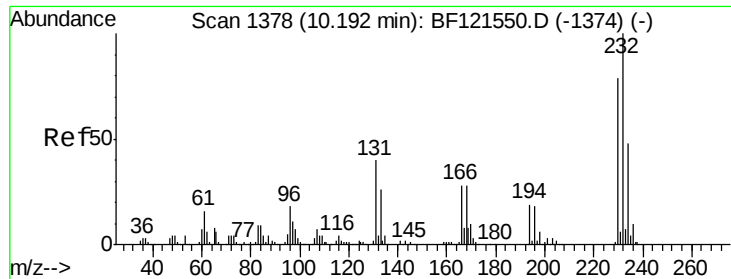


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

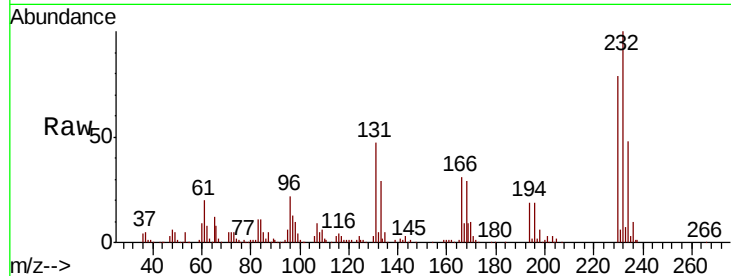




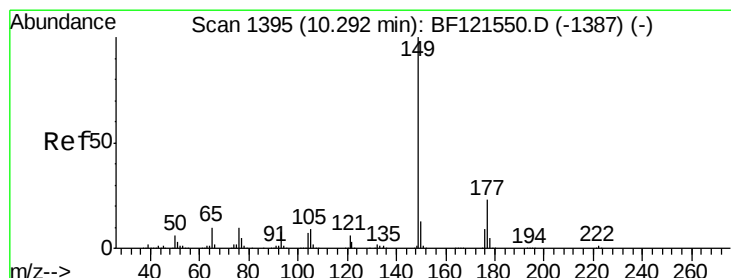
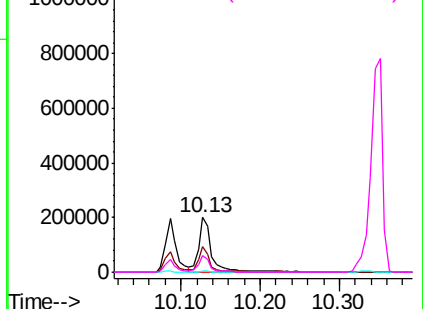
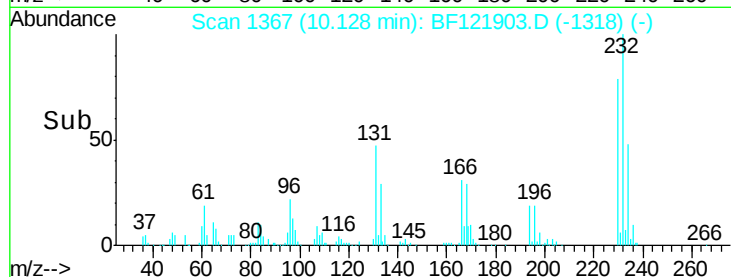
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.023 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Instrument :
BNA_F
ClientSampleId :
PB132237BS

Tot Ion:	232	Resp:	223860
Ion	Ratio	Lower	Upper
232	100		
131	41.0	35.9	53.9
130	2.2	1.8	2.6
166	27.3	23.5	35.3

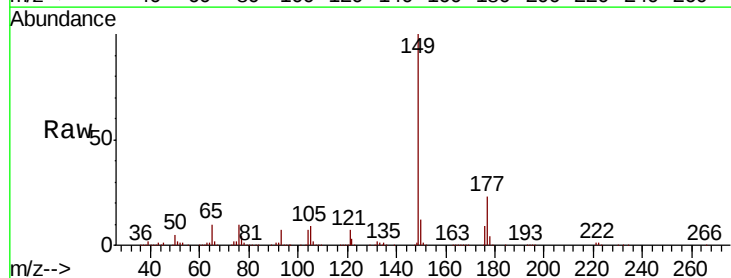


Abundance Ion 232.00 (231.70 to 232.70): E
1200000
Ion 131.00 (130.70 to 131.70): E
1000000
Ion 130.00 (129.70 to 130.70): E
800000
Ion 166.00 (165.70 to 166.70): E
600000
400000
200000
0

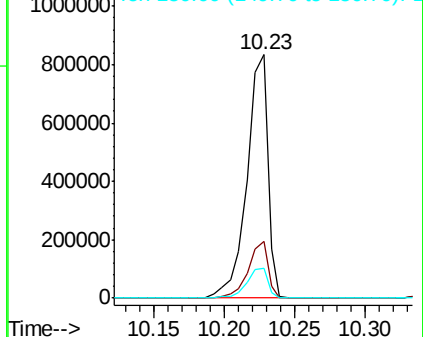
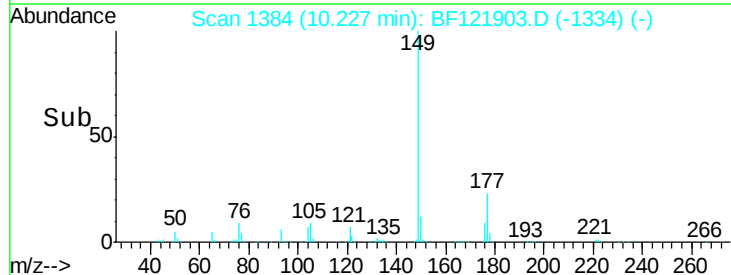


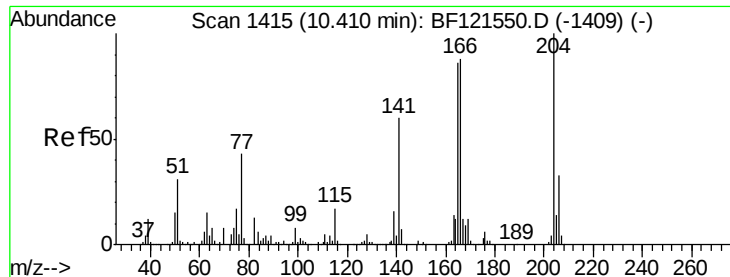
#60
Diethylphthalate
Concen: 40.268 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion:	149	Resp:	869775
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.1	27.1
150	12.4	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 177.00 (176.70 to 177.70): E
800000
Ion 150.00 (149.70 to 150.70): E
600000
400000
200000
0

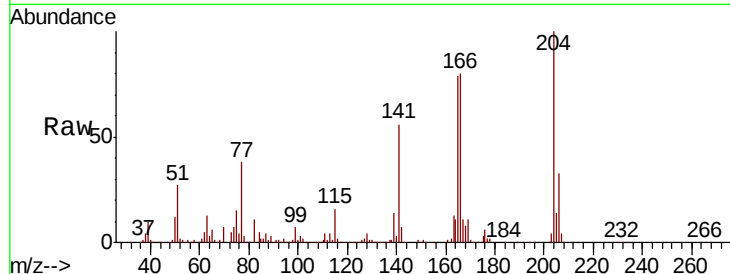




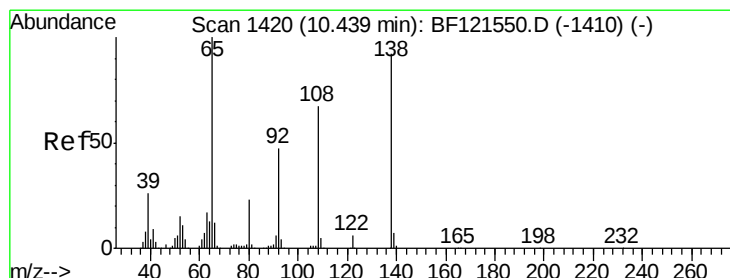
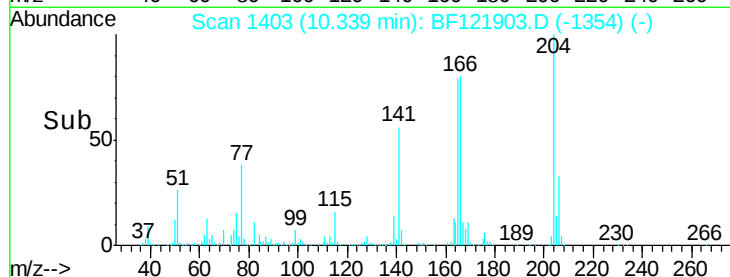
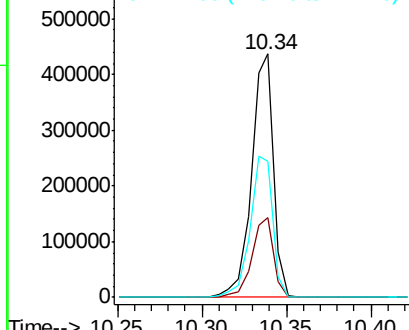
#61
4-Chlorophenyl-phenylether
Concen: 41.095 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Instrument :
BNA_F
ClientSampleId :
PB132237BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.0	39.0
141	55.9	46.2	69.4

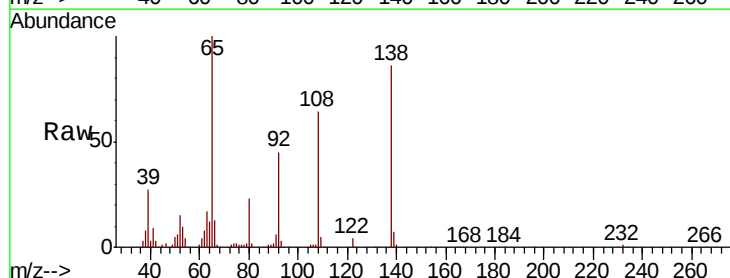


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

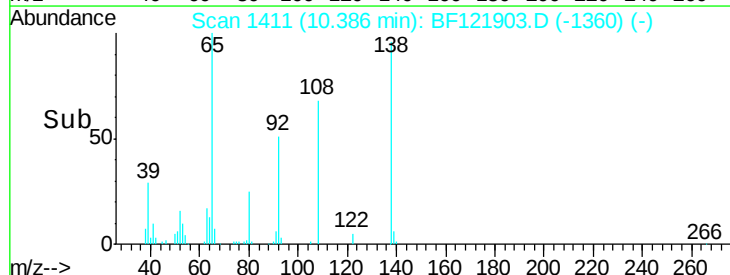
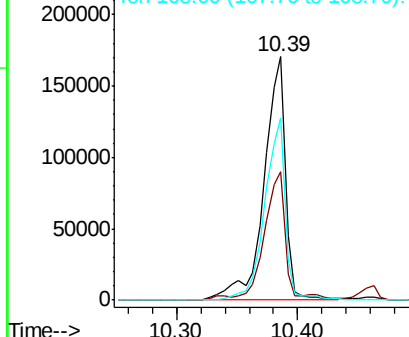


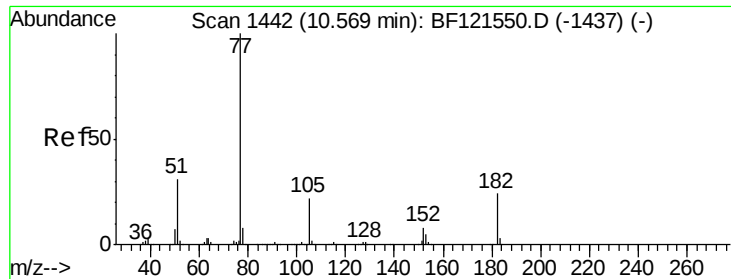
#62
4-Nitroaniline
Concen: 39.252 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	31.0	71.0
108	74.9	51.5	91.5



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

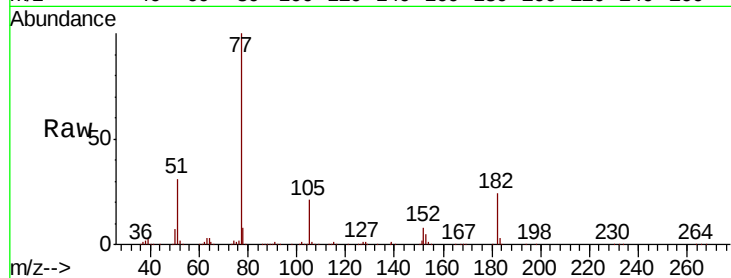




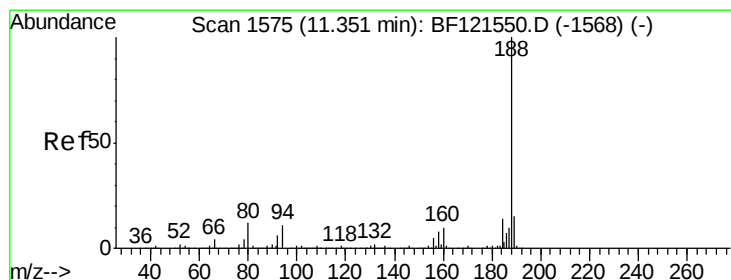
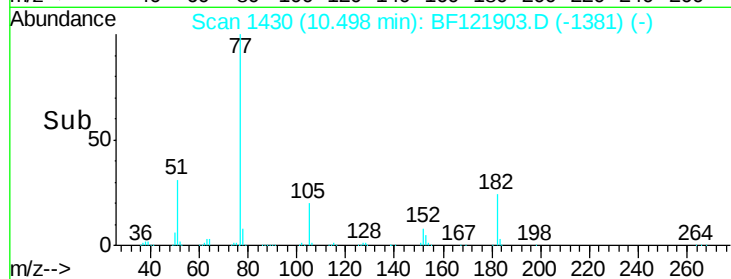
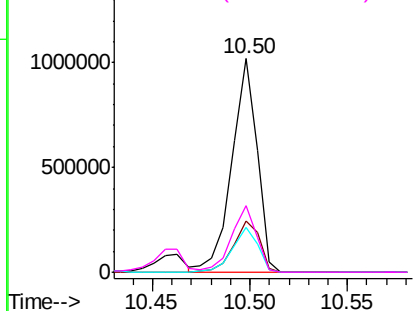
#63
Azobenzene
Concen: 39.733 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Instrument :
BNA_F
ClientSampleId :
PB132237BS

Tot Ion:	77	Resp:	913935
Ion	Ratio	Lower	Upper
77	100		
182	23.9	3.4	43.4
105	20.9	1.7	41.7
51	31.3	11.6	51.6

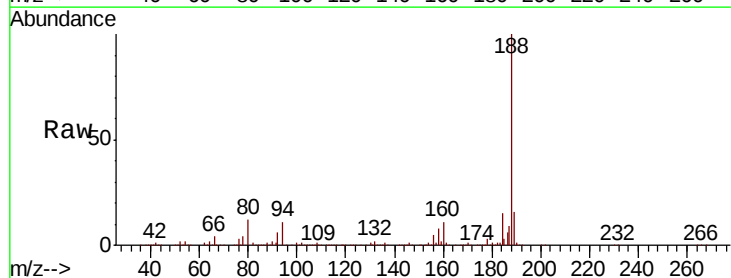


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

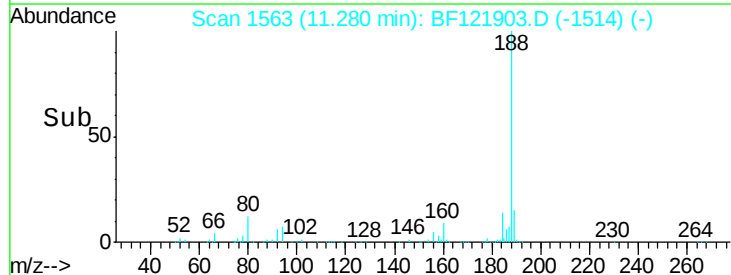
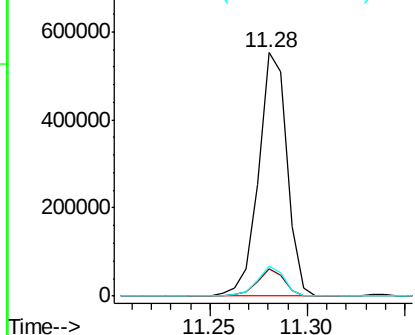


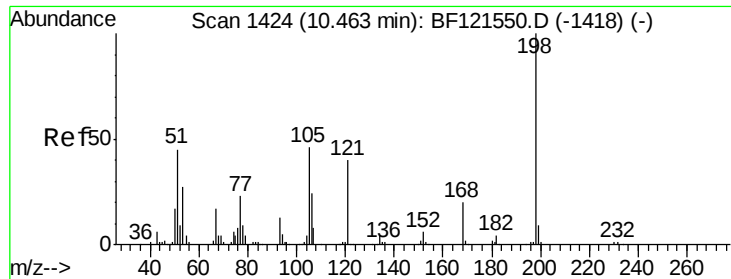
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion:	188	Resp:	559844
Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.3	12.5
80	12.2	9.1	13.7



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

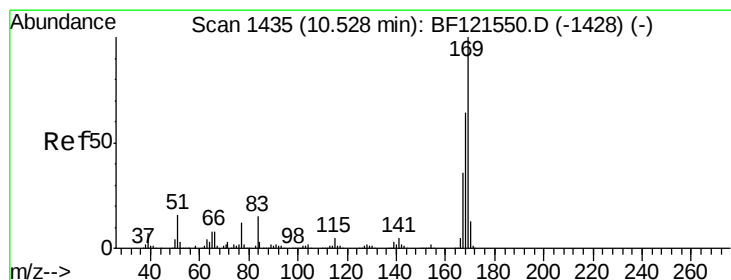
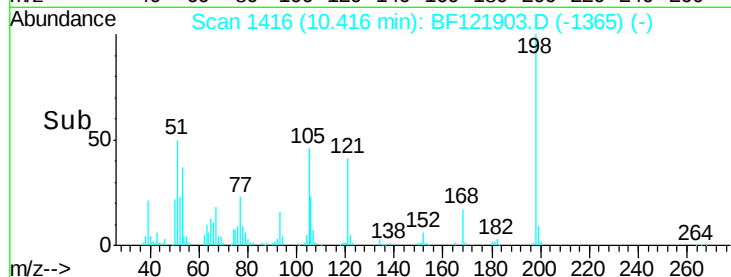
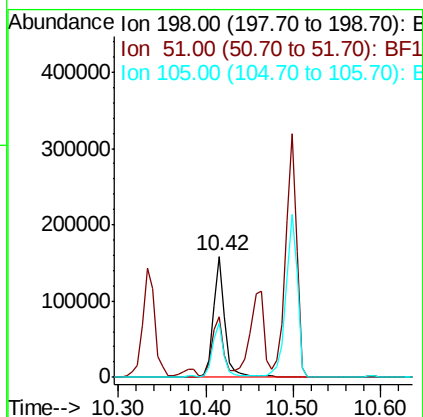
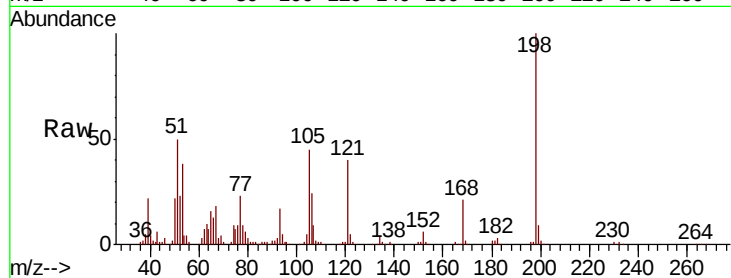




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.625 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

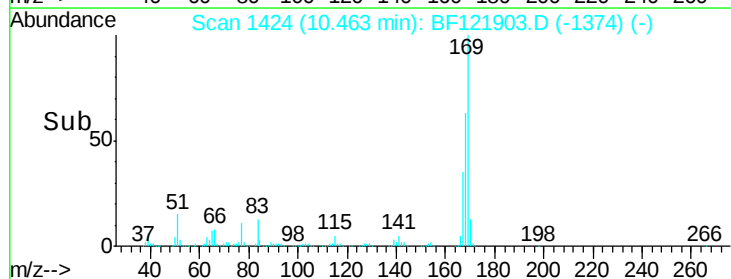
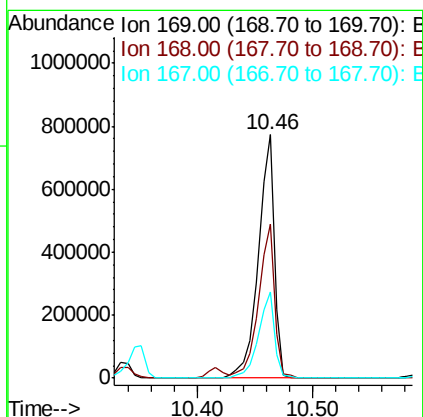
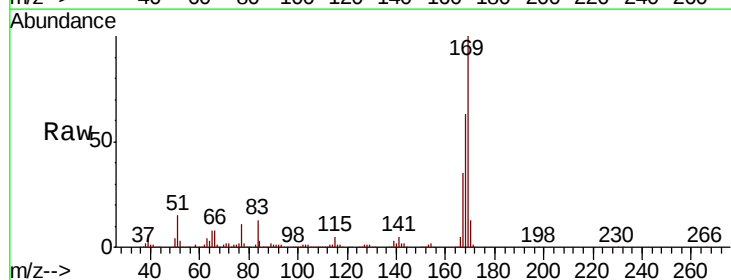
Instrument :
 BNA_F
 ClientSampleId :
 PB132237BS

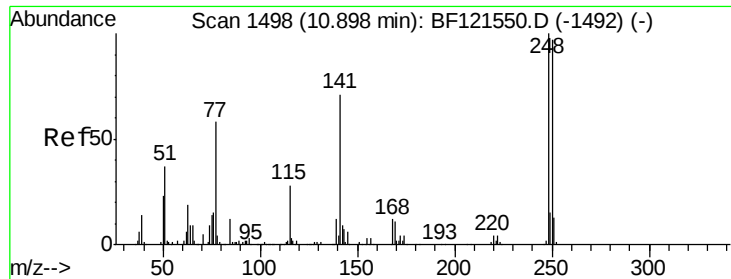
Tot Ion	Ratio	Lower	Upper
198	100		
51	50.0	29.6	69.6
105	45.3	24.4	64.4



#66
 n-Nitrosodiphenylamine
 Concen: 39.388 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.5	50.0	75.0
167	35.3	27.8	41.6

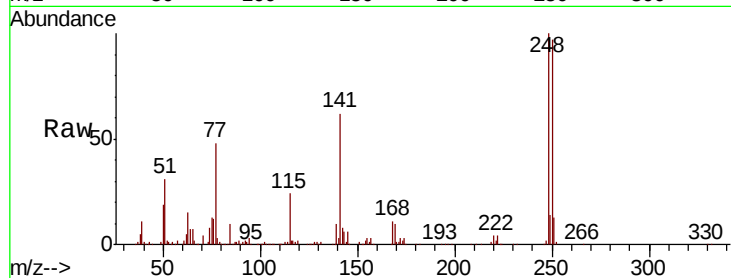




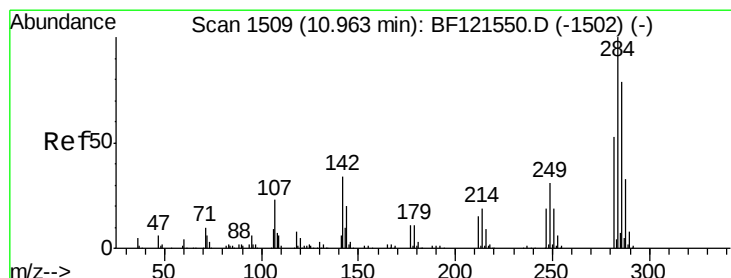
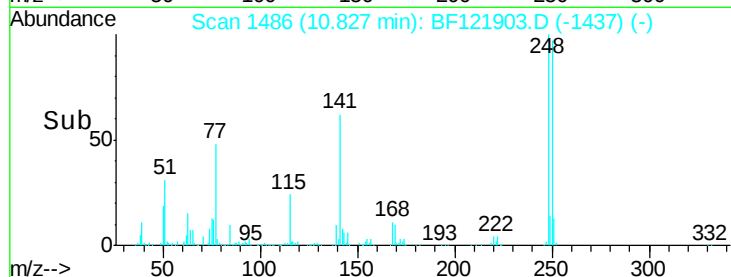
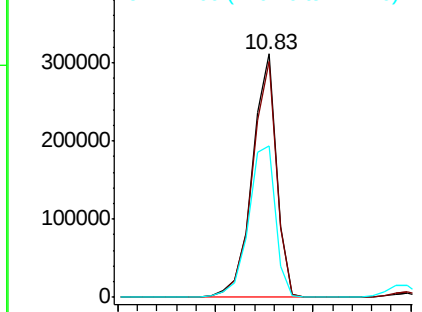
#67
4-Bromophenyl-phenylether
Concen: 41.963 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Instrument :
BNA_F
ClientSampleId :
PB132237BS

Tot Ion:248 Resp: 267476
Ion Ratio Lower Upper
248 100
250 97.1 77.0 115.6
141 62.2 53.7 80.5

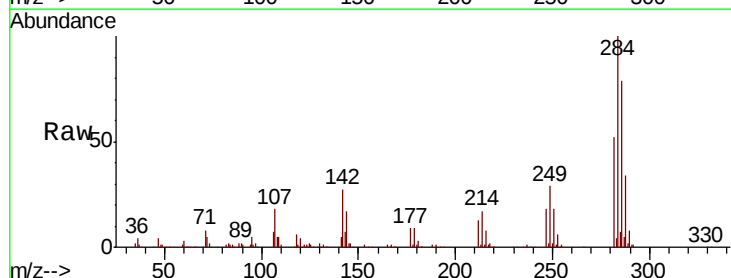


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

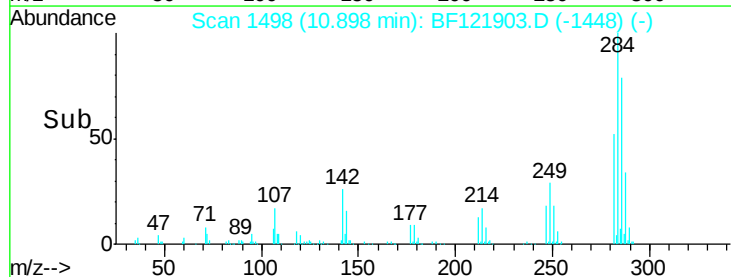
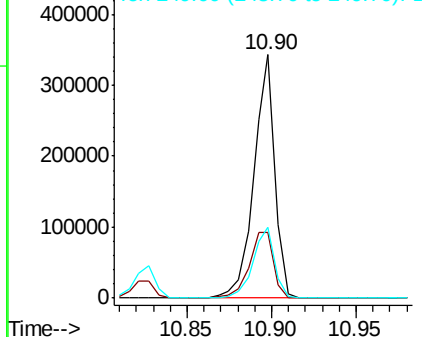


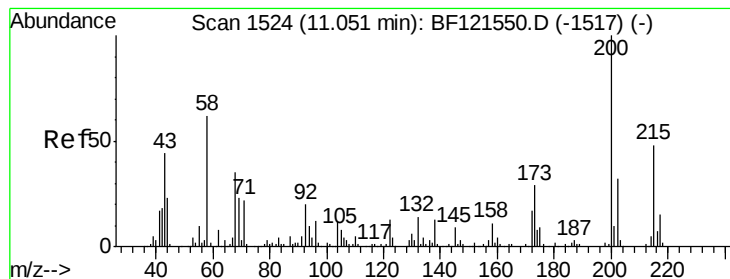
#68
Hexachlorobenzene
Concen: 41.288 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion:284 Resp: 296999
Ion Ratio Lower Upper
284 100
142 26.8 27.4 41.2#
249 29.1 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 47.120 ng

RT: 10.99 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

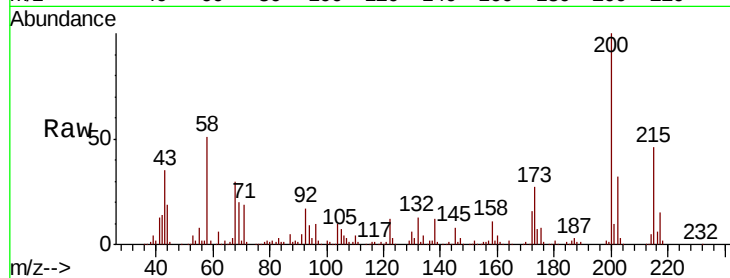
Tot Ion:200 Resp: 224848

Ion Ratio Lower Upper

200 100

173 26.9 7.5 47.5

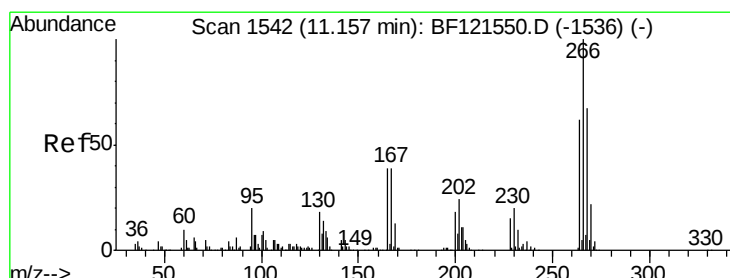
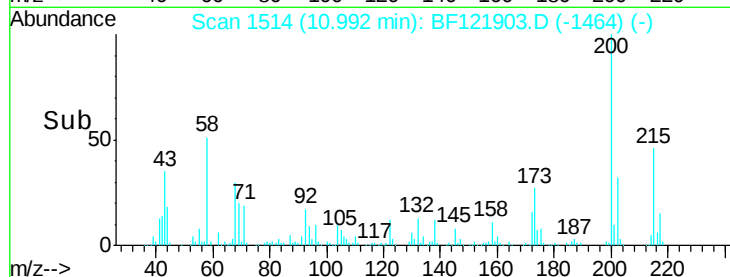
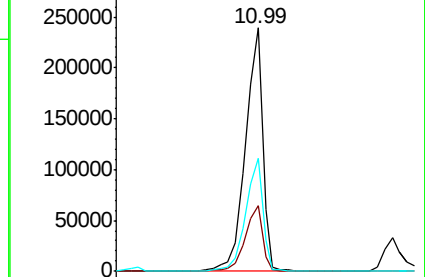
215 46.4 27.1 67.1



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: 55.351 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

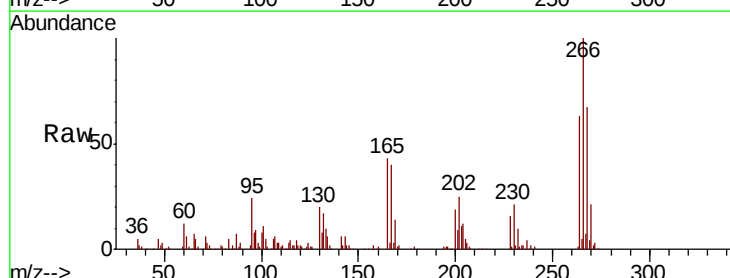
Tgt Ion:266 Resp: 218662

Ion Ratio Lower Upper

266 100

268 67.1 52.4 78.6

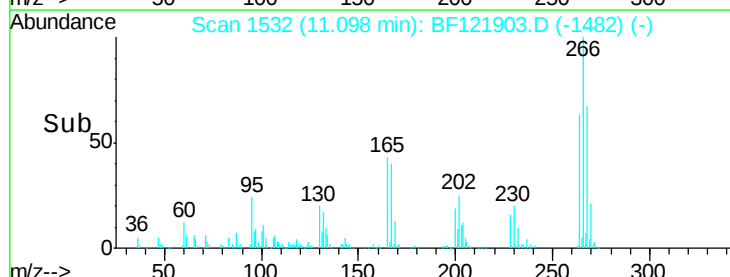
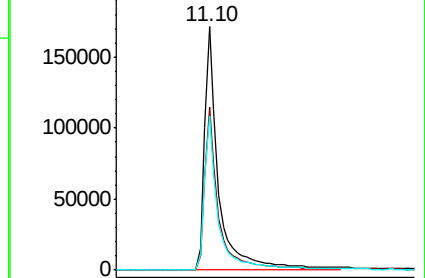
264 63.3 49.9 74.9

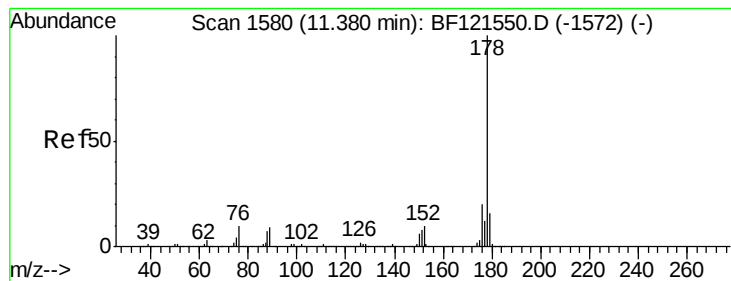


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.396 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

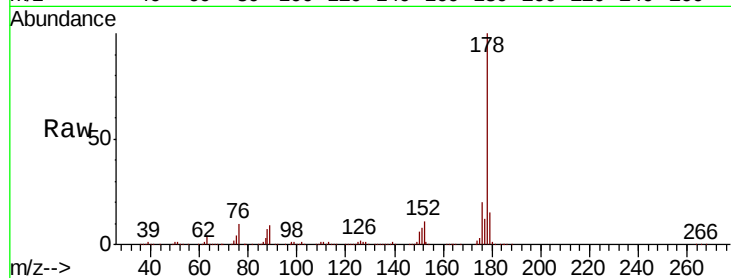
Tot Ion:178 Resp: 1171176

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

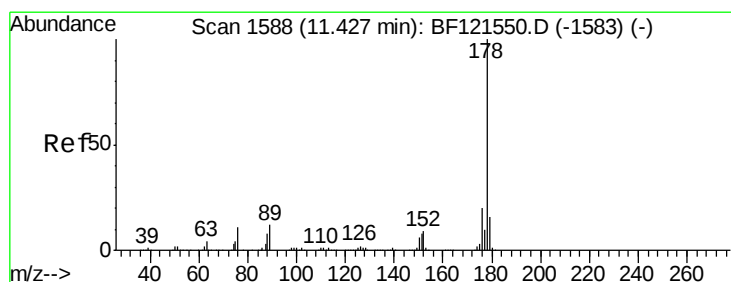
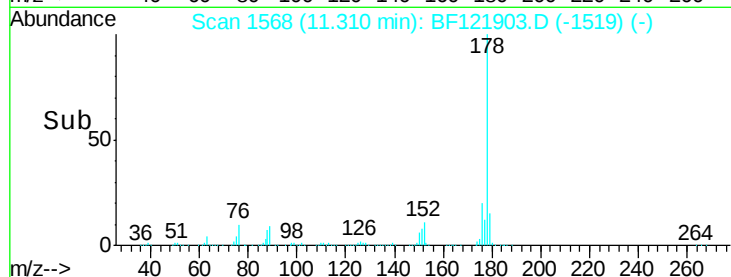
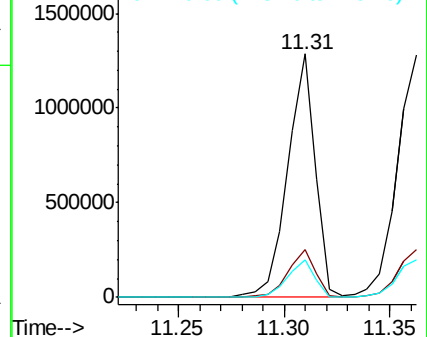
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.414 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

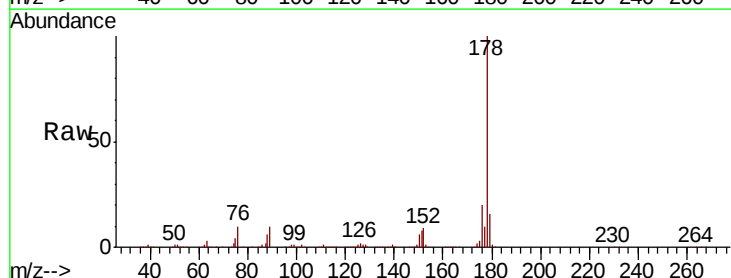
Tgt Ion:178 Resp: 1209173

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

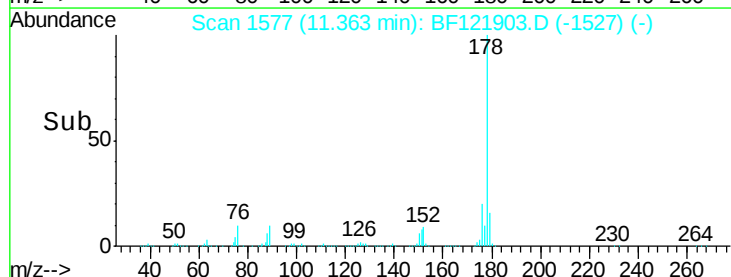
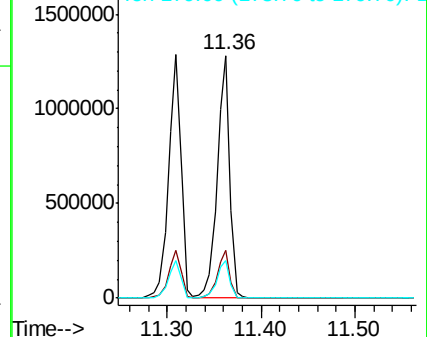
179 15.5 12.7 19.1

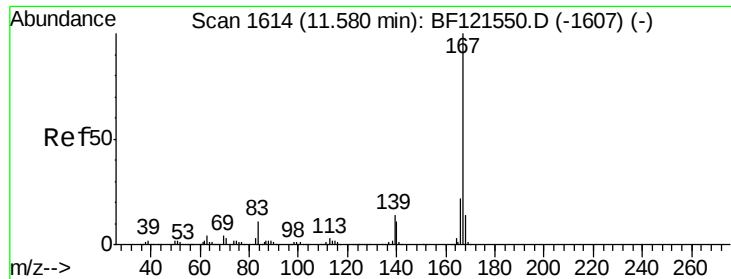


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

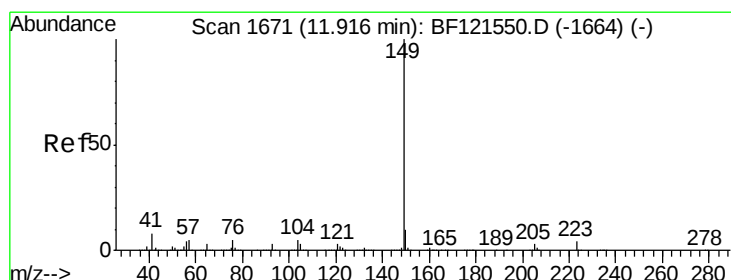
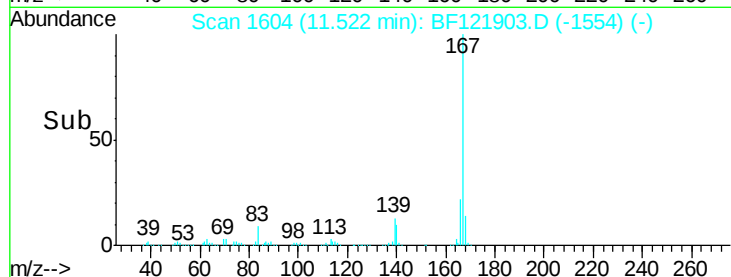
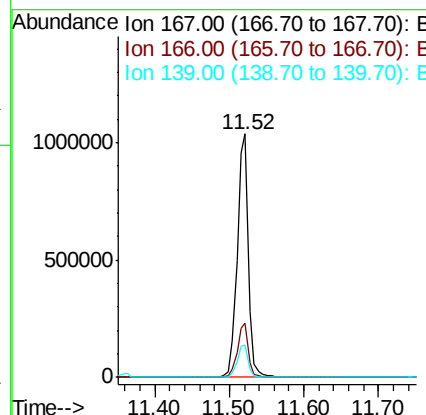
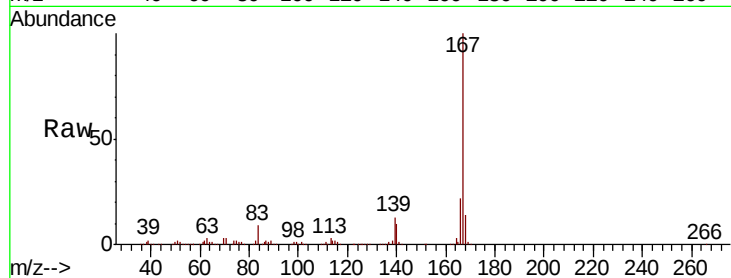




#73
 Carbazole
 Concen: 38.423 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

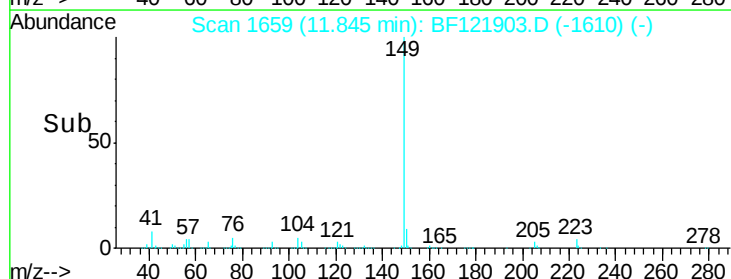
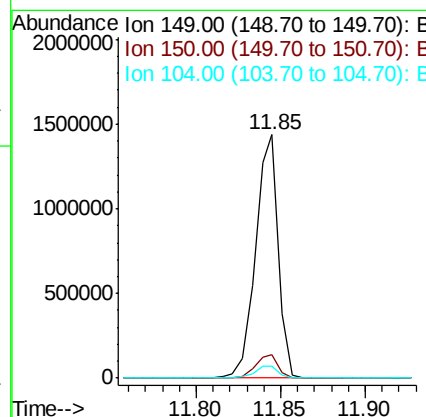
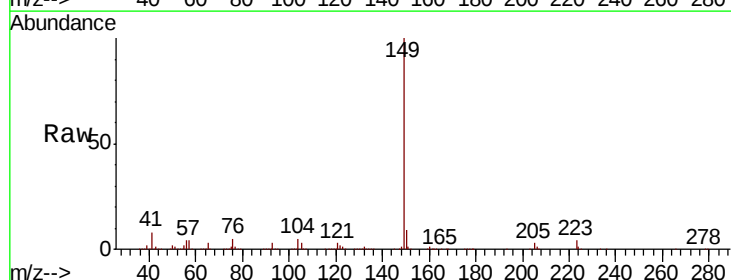
Instrument :
 BNA_F
 ClientSampleId :
 PB132237BS

Tot Ion:167 Resp: 1091409
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.049 ng
 RT: 11.85 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Tgt Ion:149 Resp: 1345772
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.1 4.2 6.2

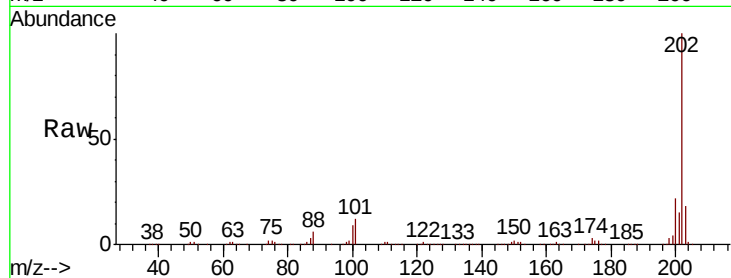




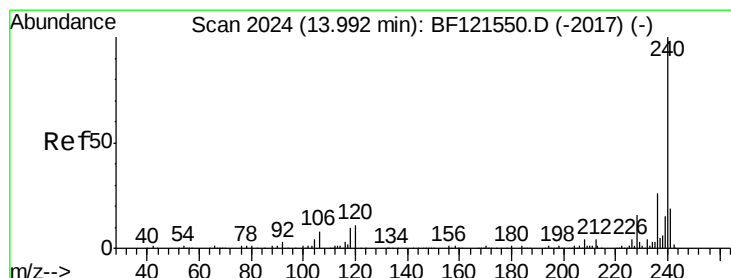
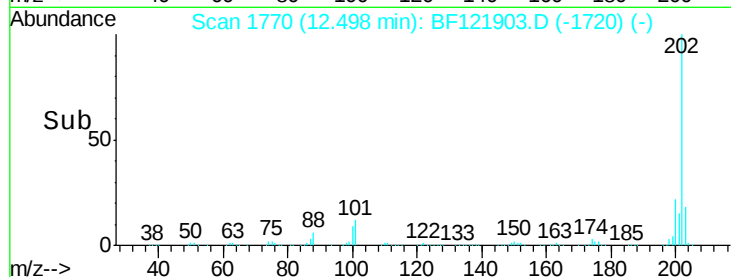
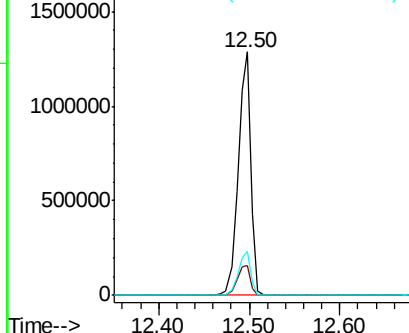
#75
 Fluoranthene
 Concen: 38.888 ng
 RT: 12.50 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB132237BS

Tot Ion:202 Resp: 1266251
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 33.4
 203 18.1 0.0 37.9

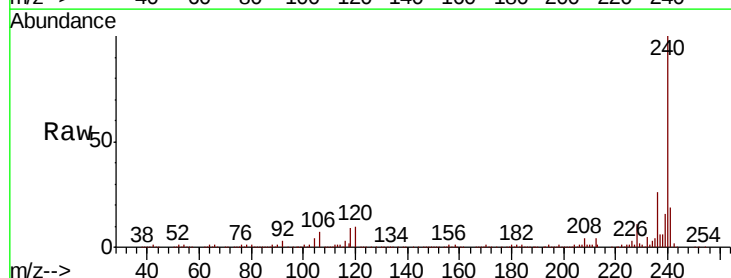


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

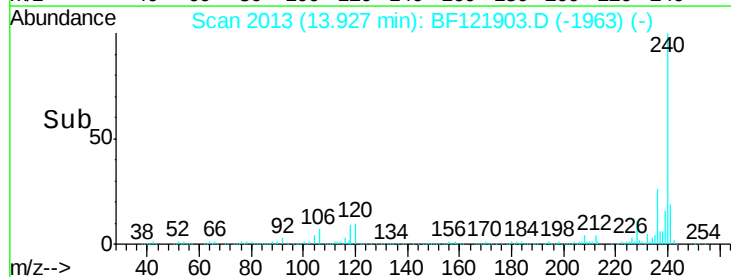
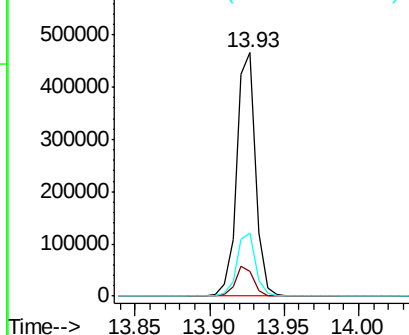


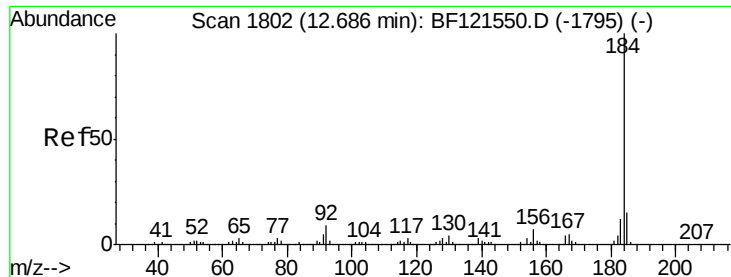
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Tgt Ion:240 Resp: 412797
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.2 13.8
 236 25.8 20.9 31.3



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: 48.510 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

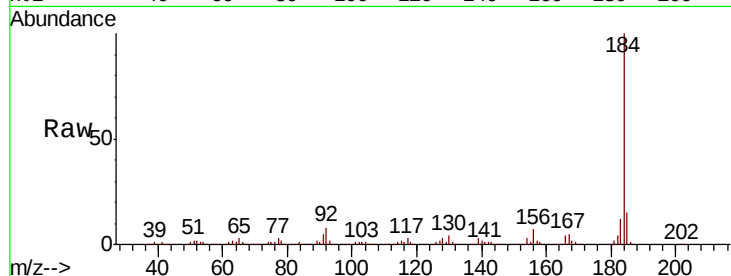
BNA_F

ClientSampleId :

PB132237BS

Tot Ion:184 Resp: 663859

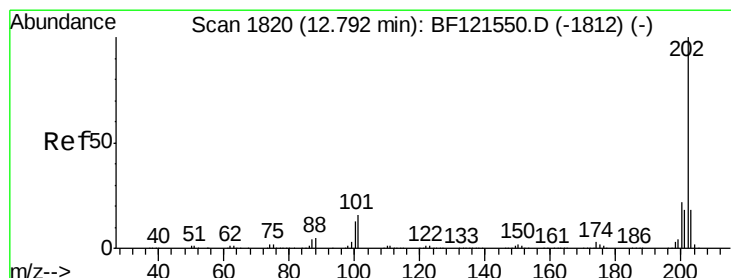
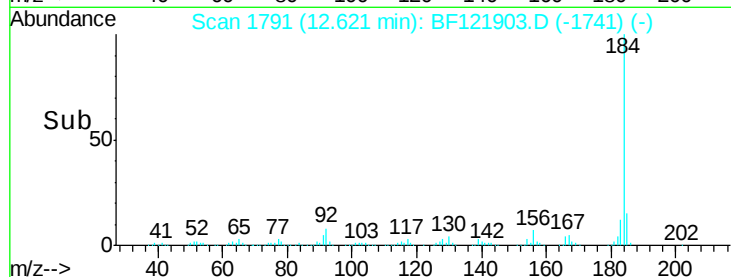
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.6	17.4
183	11.9	9.4	14.0



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: 41.422 ng

RT: 12.73 min Scan# 1809

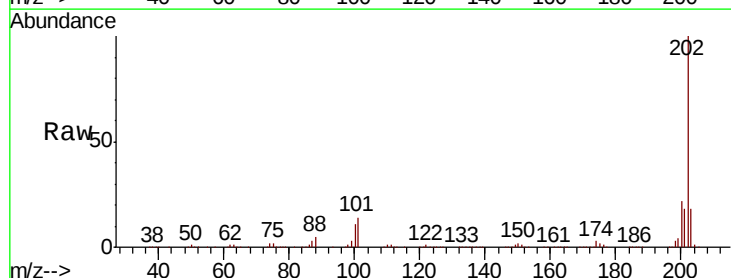
Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Tgt Ion:202 Resp: 1249293

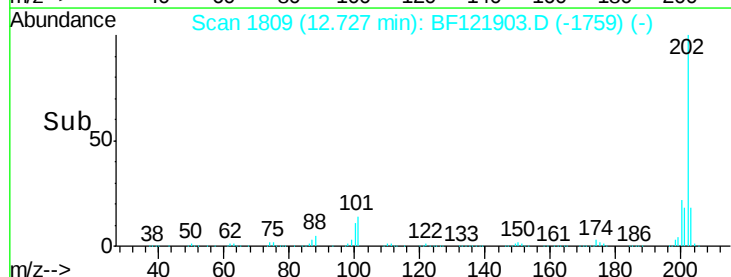
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.1	14.6	21.8



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: 92.262 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

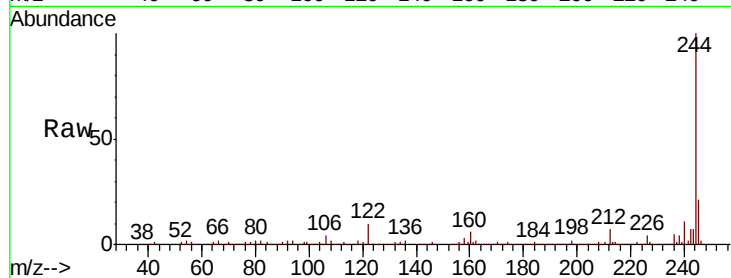
Tot Ion:244 Resp: 1879933

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

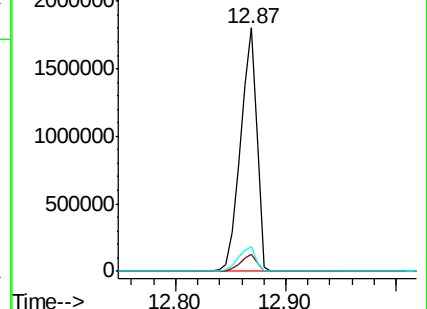
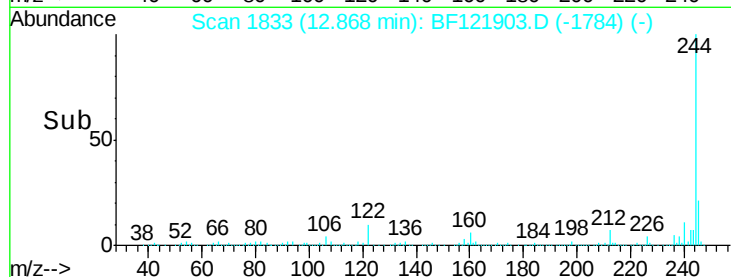
122 9.9 8.1 12.1



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: 45.637 ng

RT: 13.34 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

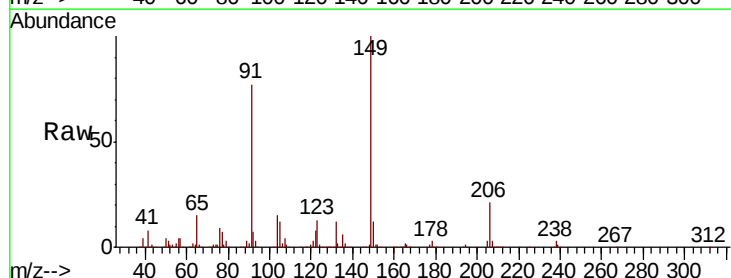
Tgt Ion:149 Resp: 556665

Ion Ratio Lower Upper

149 100

91 77.3 61.0 91.4

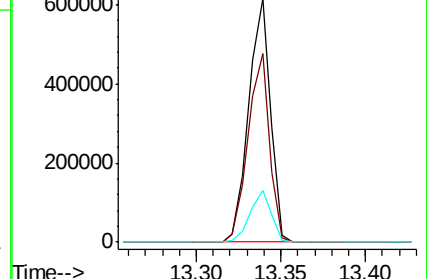
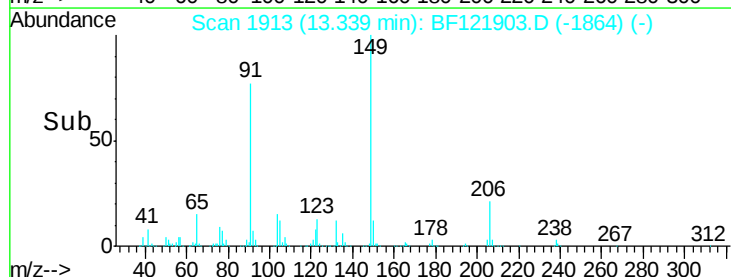
206 21.3 16.7 25.1

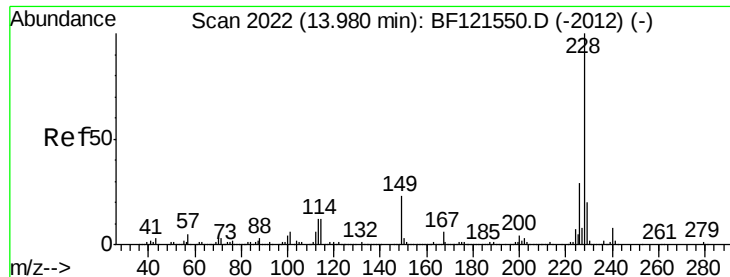


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.276 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

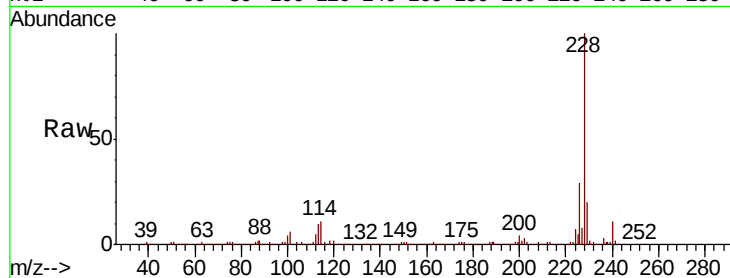
BNA_F

ClientSampleId :

PB132237BS

Tot Ion:228 Resp: 1077953

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	20.4	16.2	24.4

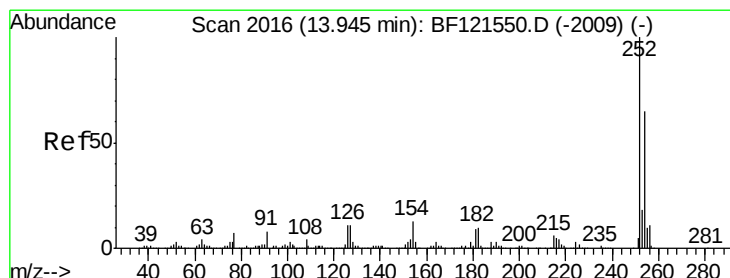
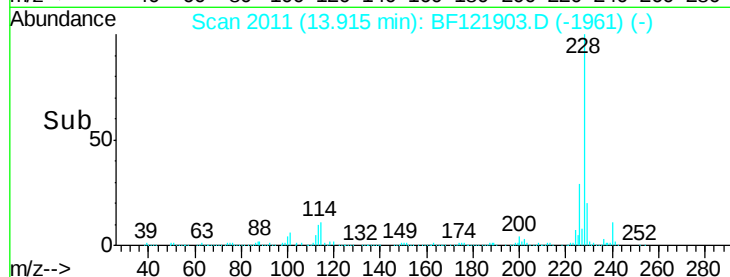
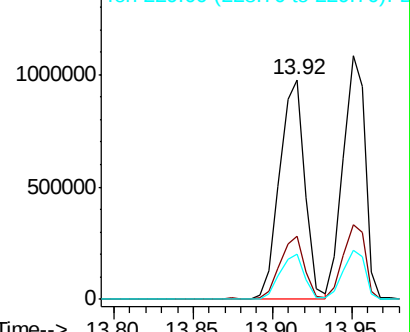


Abundance

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: 31.485 ng

RT: 13.87 min Scan# 2004

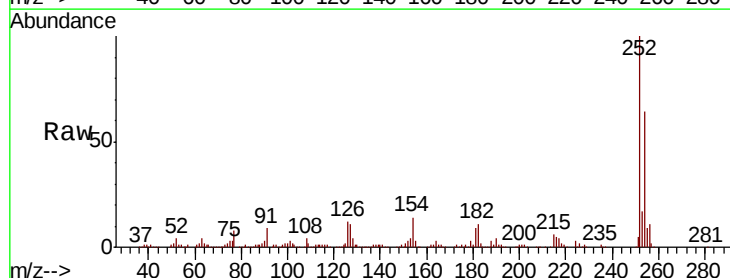
Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Tgt Ion:252 Resp: 321003

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.8	77.6
126	12.2	8.8	13.2

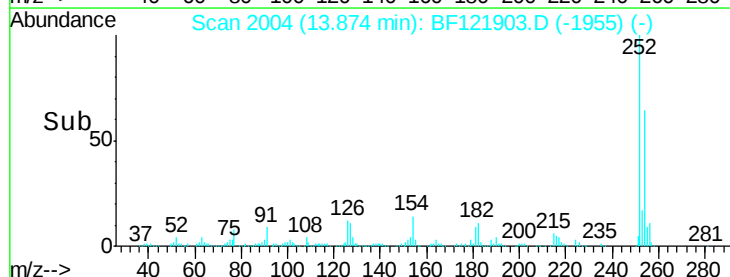
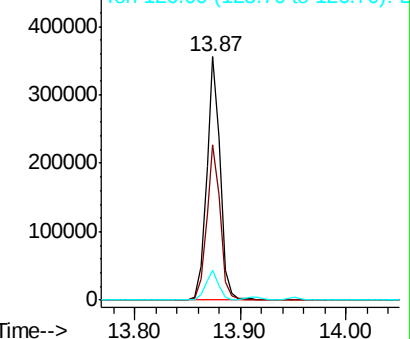


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.008 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

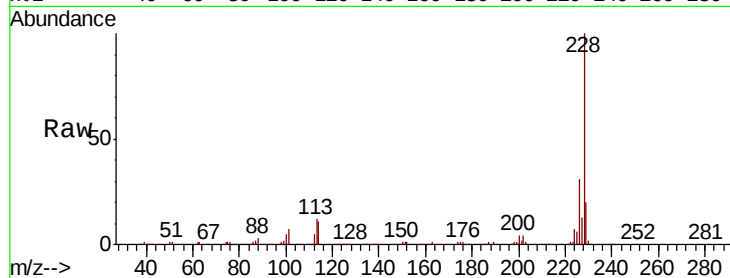
Tot Ion:228 Resp: 1058022

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

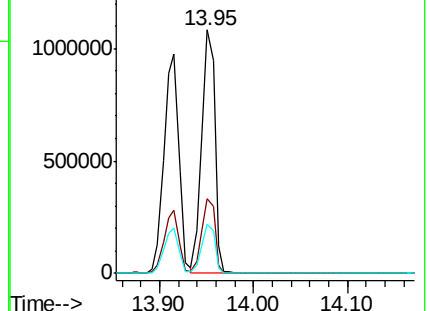
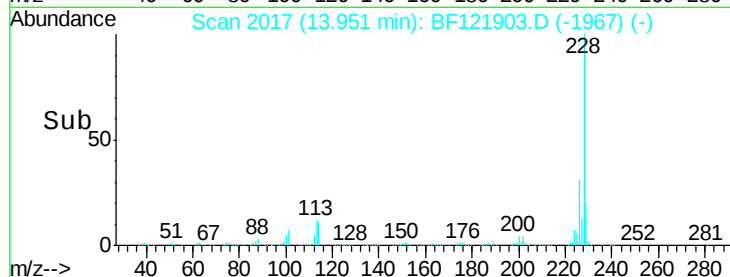
229 20.1 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.293 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

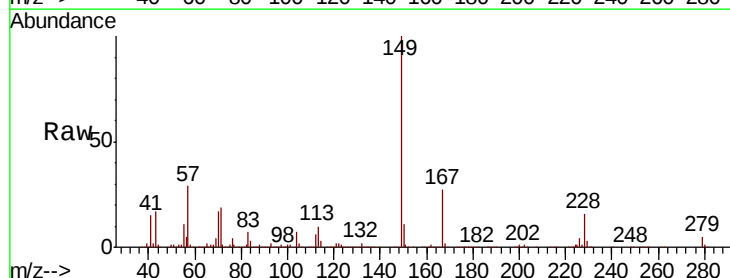
Tgt Ion:149 Resp: 770644

Ion Ratio Lower Upper

149 100

167 27.1 20.9 31.3

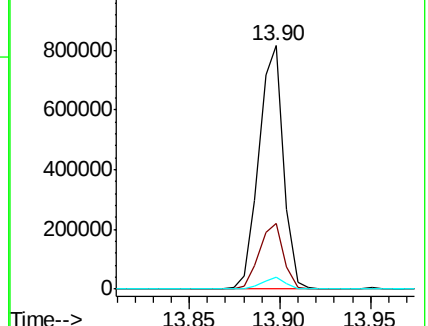
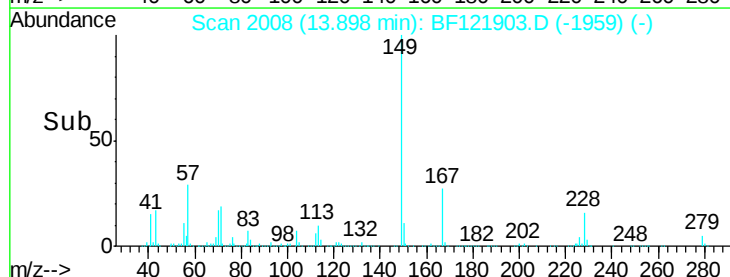
279 4.9 3.2 4.8#

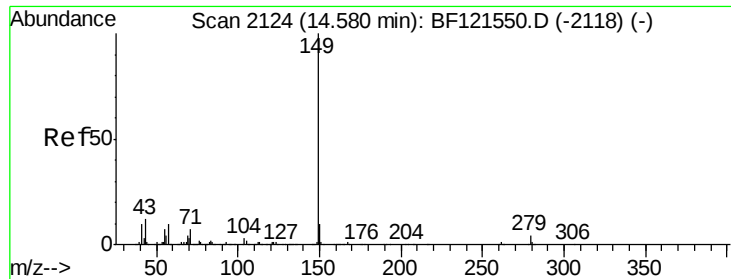


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

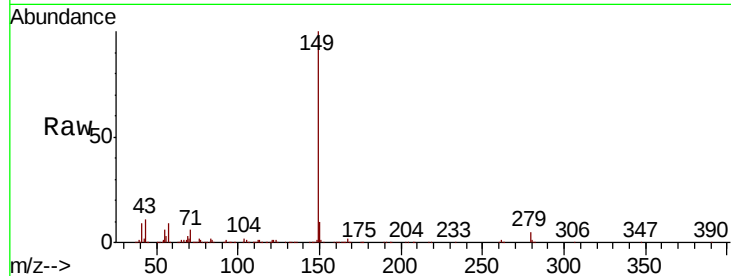




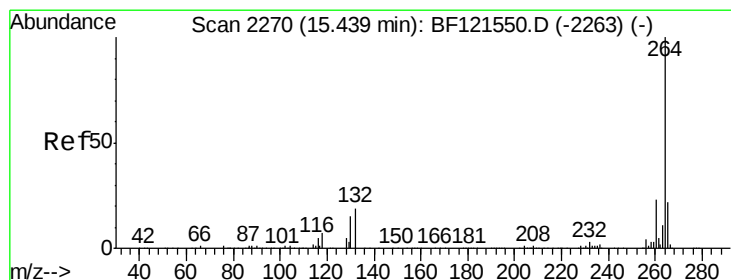
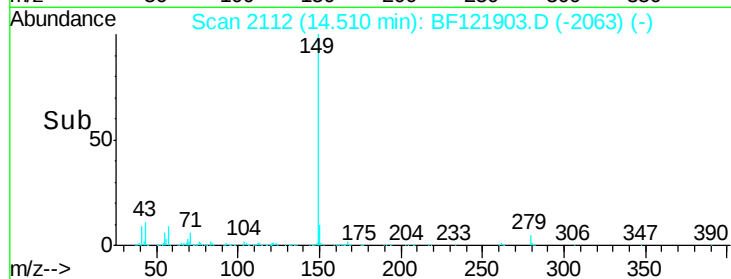
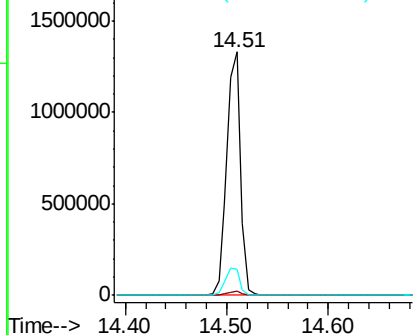
#85
Di-n-octyl phthalate
Concen: 43.717 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Instrument :
BNA_F
ClientSampleId :
PB132237BS

Tot Ion:149 Resp: 1257202
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.5 9.0 13.6

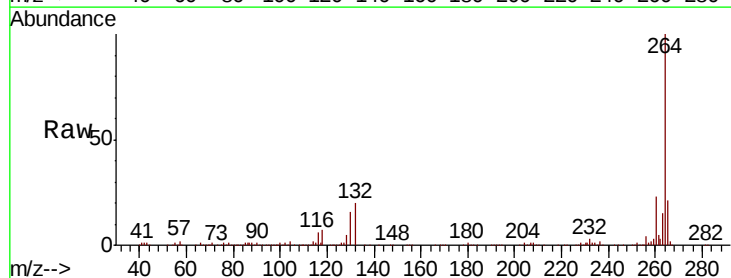


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

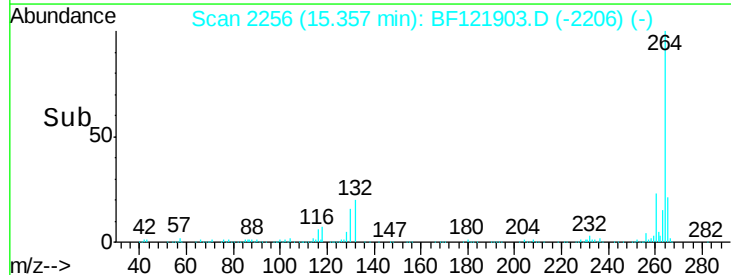
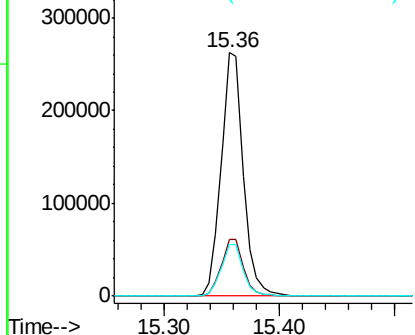


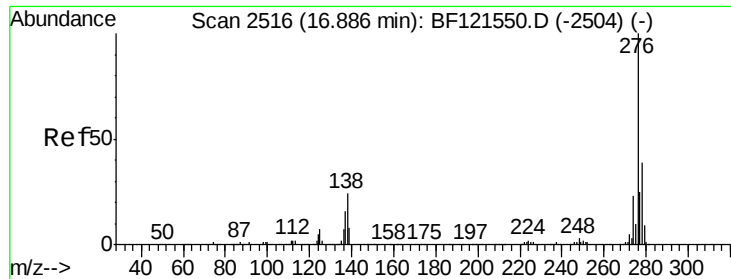
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121903.D
Acq: 9 Oct 2020 13:18

Tgt Ion:264 Resp: 350448
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.0 17.3 25.9



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

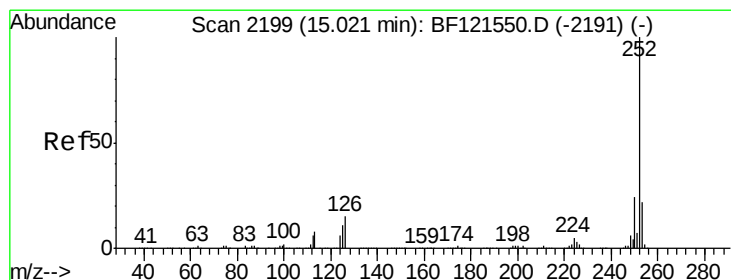
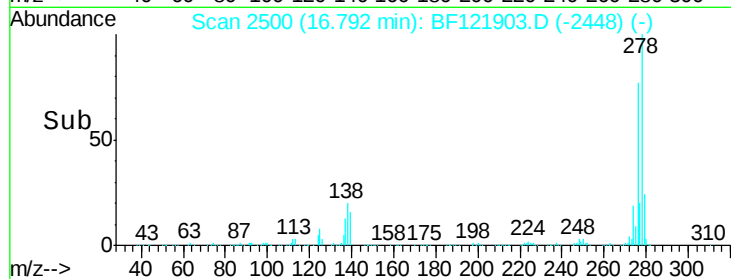
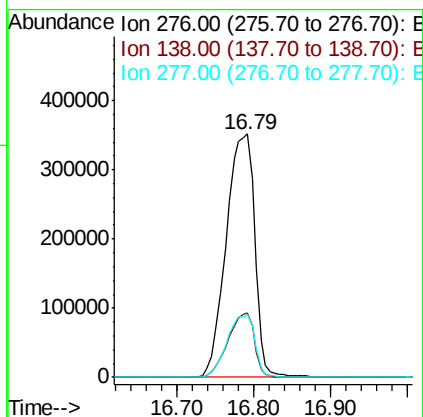
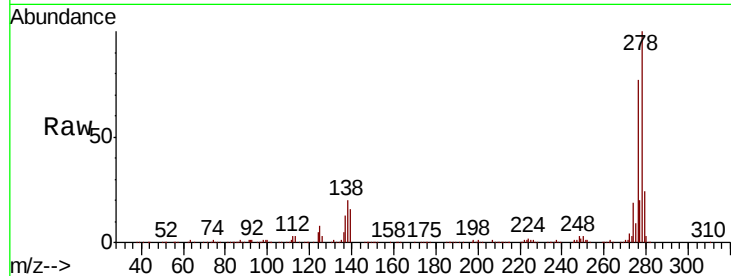




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.083 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

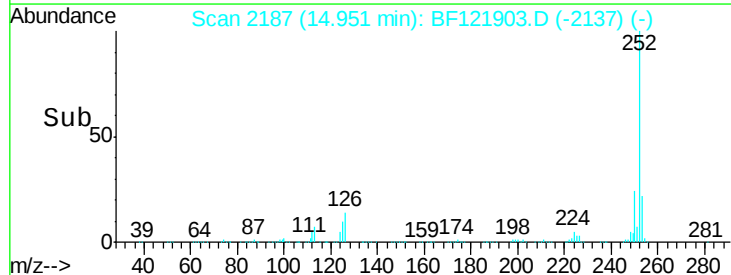
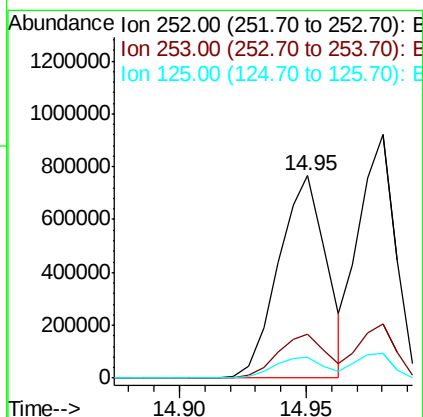
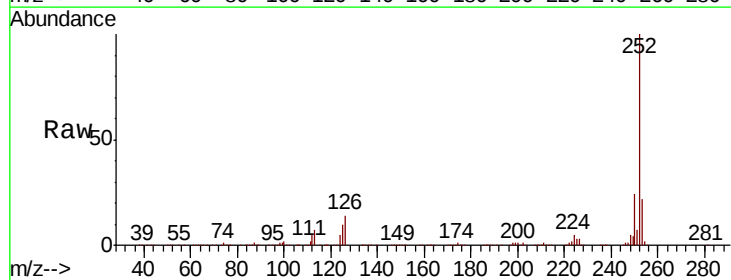
Instrument :
 BNA_F
 ClientSampleId :
 PB132237BS

Tot Ion:276 Resp: 914794
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.9 29.9
 277 25.2 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 42.968 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121903.D
 Acq: 9 Oct 2020 13:18

Tgt Ion:252 Resp: 1006649
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.2 27.2
 125 10.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 43.505 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

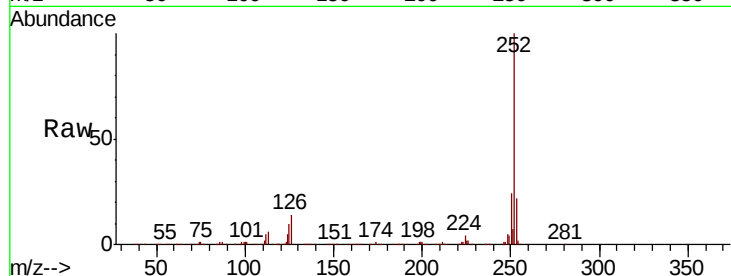
Tot Ion:252 Resp: 933355

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

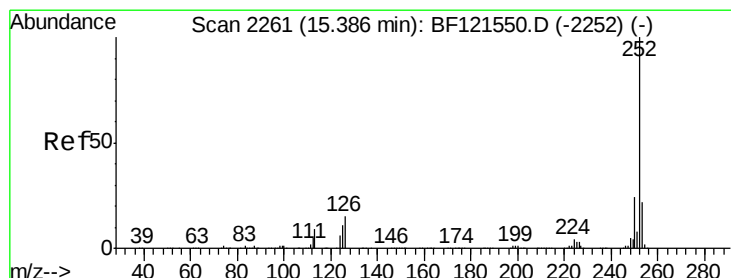
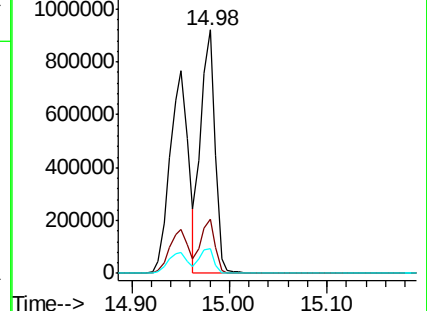
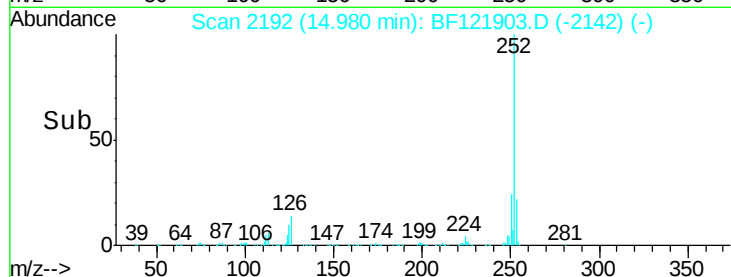
125 10.1 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.349 ng

RT: 15.30 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

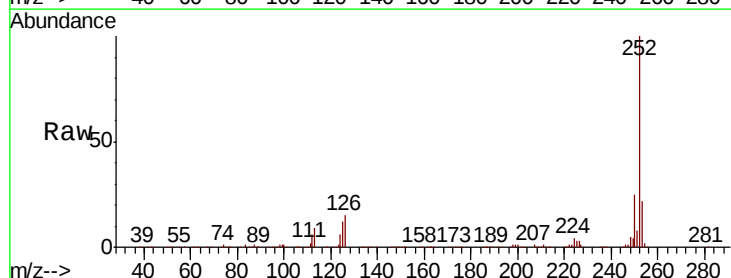
Tgt Ion:252 Resp: 863265

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

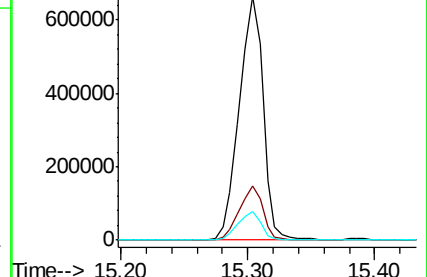
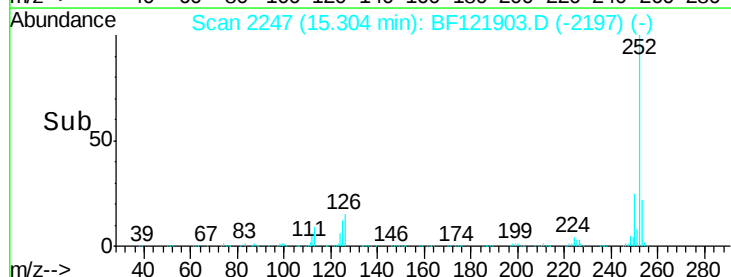
125 11.7 8.6 13.0

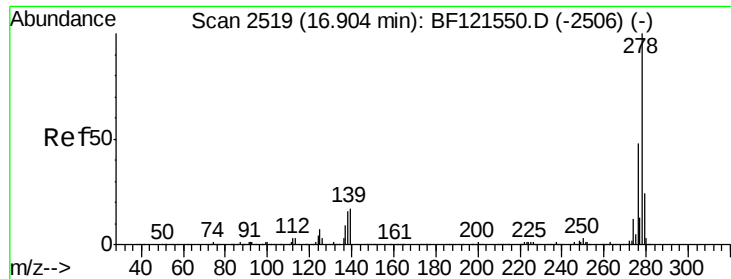


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.032 ng

RT: 16.79 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

Instrument :

BNA_F

ClientSampleId :

PB132237BS

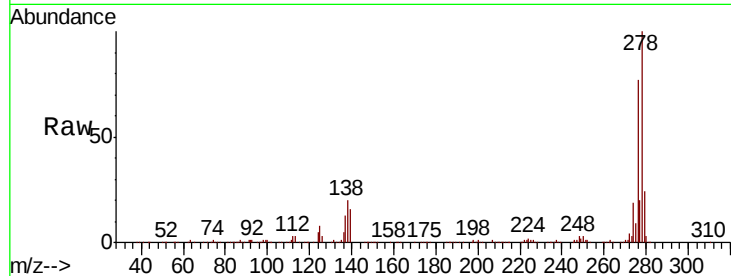
Tot Ion:278 Resp: 760522

Ion Ratio Lower Upper

278 100

139 16.1 13.0 19.4

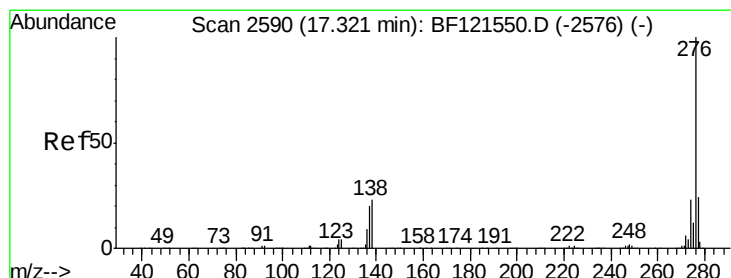
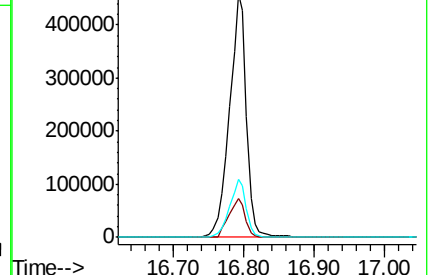
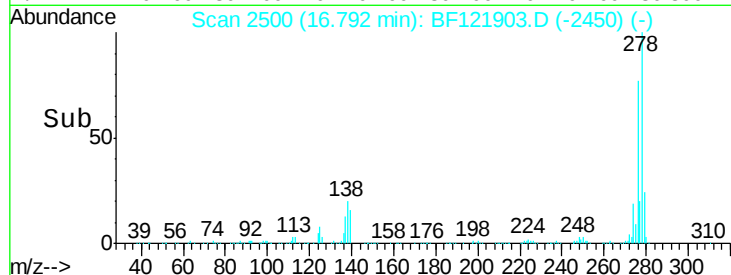
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.777 ng

RT: 17.21 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BF121903.D

Acq: 9 Oct 2020 13:18

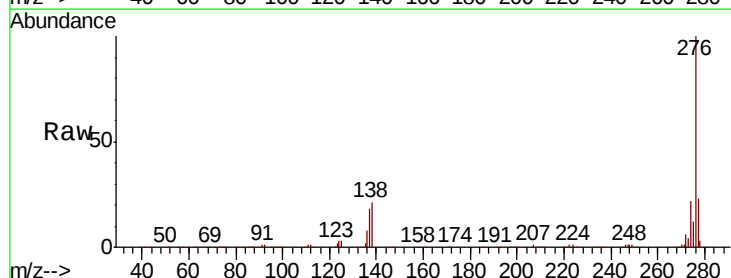
Tgt Ion:276 Resp: 742812

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.2

138 21.3 17.8 26.6



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

