

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121309.D
 Acq On : 17 Aug 2020 14:45
 Operator : JU/CG
 Sample : L3691-12MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MS

Quant Time: Aug 17 17:02:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	80515	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	316320	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	168164	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	338094	20.00	ng	0.00
76) Chrysene-d12	13.86	240	292135	20.00	ng	0.00
86) Perylene-d12	15.27	264	302254	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	407973	76.82	ng	0.00
7) Phenol-d6	6.35	99	489686	71.55	ng	0.00
23) Nitrobenzene-d5	7.27	82	317674	54.89	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	158302	76.46	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	585439	48.16	ng	0.00
79) Terphenyl-d14	12.80	244	663872	44.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	86510	38.278	ng	99
3) Pyridine	3.00	79	193319	32.859	ng	100
4) n-Nitrosodimethylamine	2.95	42	101888	42.286	ng	97
6) Aniline	6.36	93	213041	26.260	ng	# 59
8) 2-Chlorophenol	6.49	128	236463	40.492	ng	97
9) Benzaldehyde	6.25	77	139539	39.565	ng	94
10) Phenol	6.36	94	302824	40.790	ng	80
11) bis(2-Chloroethyl)ether	6.44	93	219208	40.906	ng	99
12) 1,3-Dichlorobenzene	6.65	146	240991	39.056	ng	99
13) 1,4-Dichlorobenzene	6.72	146	245094	39.299	ng	99
14) 1,2-Dichlorobenzene	6.87	146	233119	39.605	ng	99
15) Benzyl Alcohol	6.85	79	185931	40.558	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	311882	40.418	ng	100
17) 2-Methylphenol	6.97	107	186823	40.500	ng	99
18) Hexachloroethane	7.22	117	87844	39.829	ng	94
19) n-Nitroso-di-n-propylamine	7.12	70	147642	38.828	ng	98
20) 3+4-Methylphenols	7.12	107	233984	39.980	ng	# 80
22) Acetophenone	7.12	105	307107	37.694	ng	# 96
24) Nitrobenzene	7.29	77	236642	37.681	ng	97
25) Isophorone	7.53	82	429129	36.929	ng	97
26) 2-Nitrophenol	7.61	139	122568	40.280	ng	95
27) 2,4-Dimethylphenol	7.65	122	205022	42.052	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	275460	42.381	ng	99
29) 2,4-Dichlorophenol	7.85	162	191071	38.325	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	205139	37.280	ng	98
31) Naphthalene	8.01	128	661086	37.148	ng	100
32) Benzoic acid	7.77	122	110576	42.010	ng	99
33) 4-Chloroaniline	8.06	127	128815	17.737	ng	100
34) Hexachlorobutadiene	8.13	225	120445	36.177	ng	98
35) Caprolactam	8.43	113	46429	30.918	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	202711	39.852	ng	98
37) 2-Methylnaphthalene	8.70	142	450806	38.495	ng	100
38) 1-Methylnaphthalene	8.80	142	417357	37.640	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	209609	37.200	ng	99

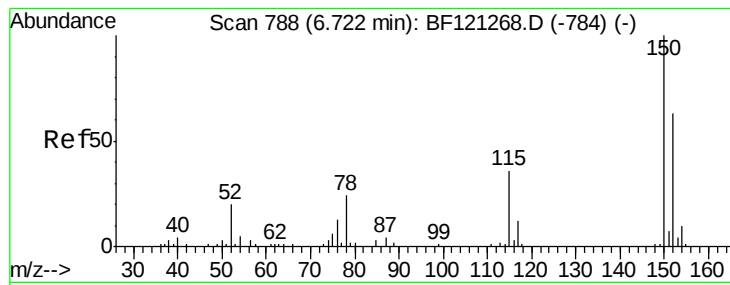
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	126411	61.515	nq	97
43) 2,4,6-Trichlorophenol	8.99	196	142156	39.669	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	152913	39.286	nq	97
46) 1,1'-Biphenyl	9.17	154	547937	37.710	nq	99
47) 2-Chloronaphthalene	9.19	162	417392	37.316	nq	99
48) 2-Nitroaniline	9.29	65	128470	40.862	nq	95
49) Acenaphthylene	9.60	152	676020	38.053	nq	100
50) Dimethylphthalate	9.47	163	615283	48.623	nq	99
51) 2,6-Dinitrotoluene	9.53	165	109221	38.720	nq	94
52) Acenaphthene	9.77	154	391190	37.192	nq	99
53) 3-Nitroaniline	9.70	138	72267	22.438	nq	93
54) 2,4-Dinitrophenol	9.82	184	96115	66.739	nq	97
55) Dibenzofuran	9.95	168	602565	35.974	nq	97
56) 4-Nitrophenol	9.87	139	181946	87.538	nq	94
57) 2,4-Dinitrotoluene	9.94	165	146863	39.673	nq	98
58) Fluorene	10.29	166	457963	36.119	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	130403	42.373	nq	99
60) Diethylphthalate	10.17	149	499107	38.787	nq	98
61) 4-Chlorophenyl-phenylether	10.28	204	224793	36.452	nq	94
62) 4-Nitroaniline	10.31	138	120402	37.286	nq	99
63) Azobenzene	10.44	77	473336	36.815	nq	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	73116	36.525	nq	91
66) n-Nitrosodiphenylamine	10.40	169	428762	36.985	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	149795	37.983	nq	94
68) Hexachlorobenzene	10.84	284	167152	37.169	nq	95
69) Atrazine	10.93	200	121730	35.105	nq	98
70) Pentachlorophenol	11.03	266	178442	88.395	nq	97
71) Phenanthrene	11.25	178	757692	39.173	nq	100
72) Anthracene	11.30	178	749125	38.595	nq	99
73) Carbazole	11.46	167	703370	37.053	nq	100
74) Di-n-butylphthalate	11.79	149	852595	39.792	nq	100
75) Fluoranthene	12.43	202	926903	43.037	nq	100
77) Benzidine	12.56	184	397056	51.701	nq	100
78) Pyrene	12.66	202	927854	42.651	nq	99
80) Butylbenzylphthalate	13.29	149	386291	43.471	nq	97
81) Benzo(a)anthracene	13.85	228	774876	39.107	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	239919	30.519	nq	99
83) Chrysene	13.89	228	805082	39.797	nq	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	485368	39.628	nq	99
85) Di-n-octyl phthalate	14.46	149	967130	43.067	nq	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	834717	37.144	nq	99
88) Benzo(b)fluoranthene	14.87	252	834013	41.182	nq	99
89) Benzo(k)fluoranthene	14.90	252	726672	38.639	nq	99
90) Benzo(a)pyrene	15.22	252	709606	38.821	nq	99
91) Dibenzo(a,h)anthracene	16.65	278	675928	35.103	nq	98
92) Benzo(g,h,i)perylene	17.04	276	700028	36.839	nq	98

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

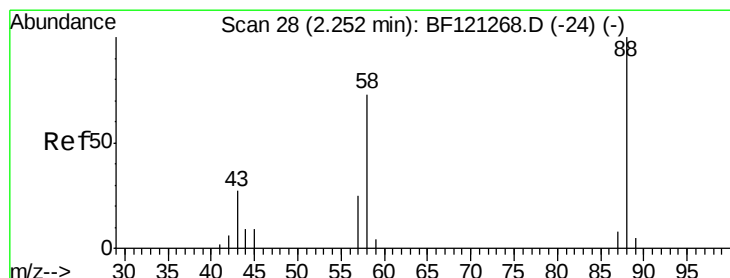
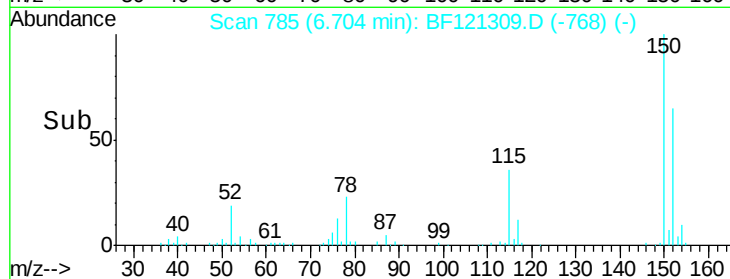
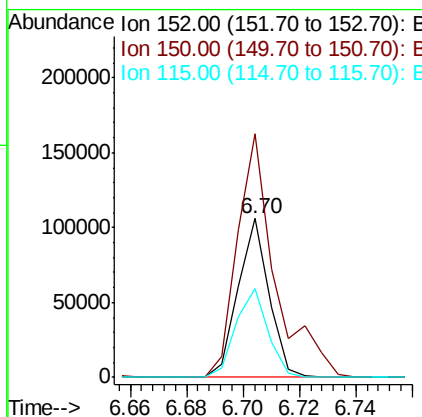
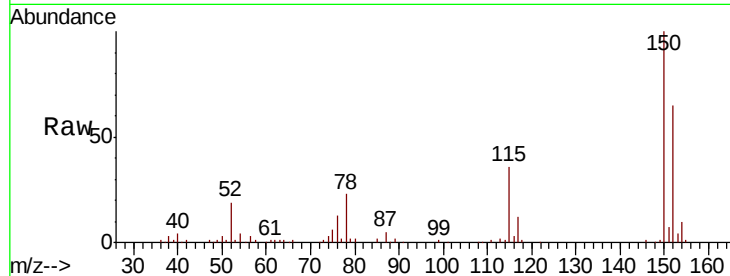


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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BNA_F
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S706-N-SO-0-0.5-081320MS

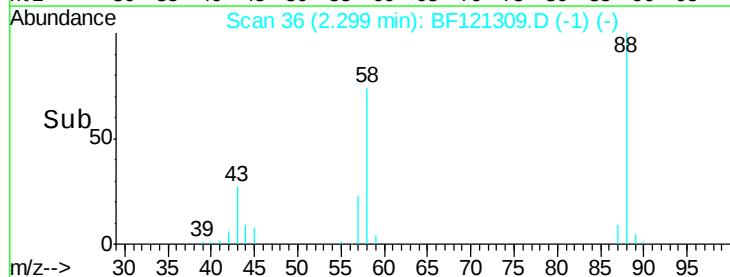
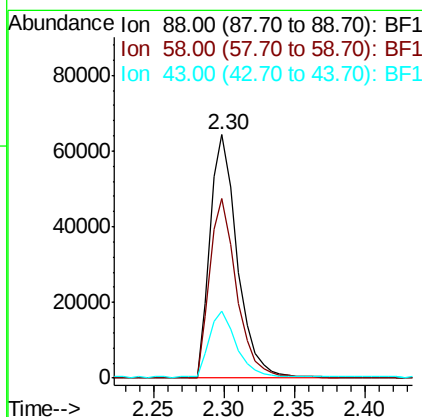
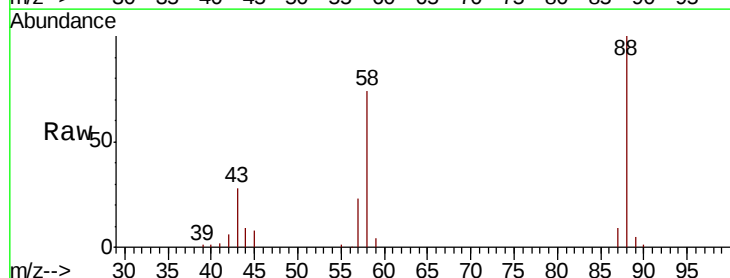
Tot Ion:152 Resp: 80515
Ion Ratio Lower Upper
152 100
150 153.5 123.9 185.9
115 56.0 47.3 70.9

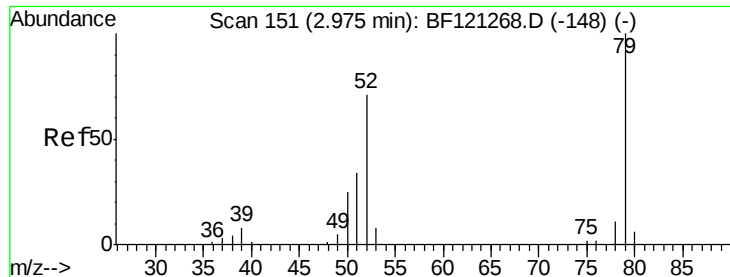


#2

1,4-Dioxane
Concen: 38.278 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.03 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion: 88 Resp: 86510
Ion Ratio Lower Upper
88 100
58 73.2 57.8 86.8
43 28.4 22.2 33.2

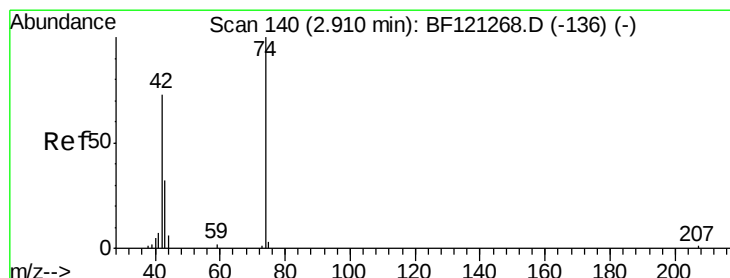
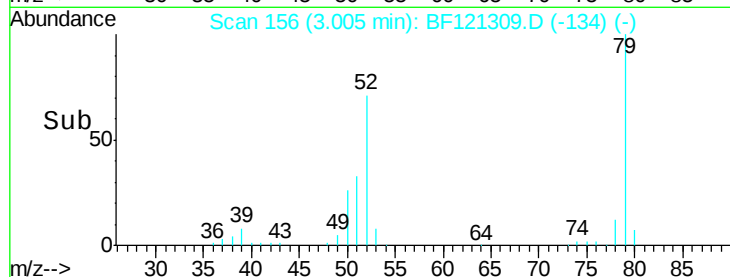
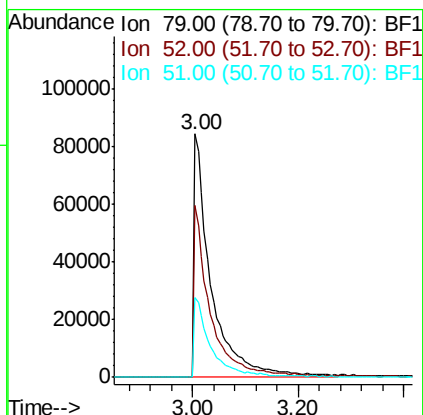
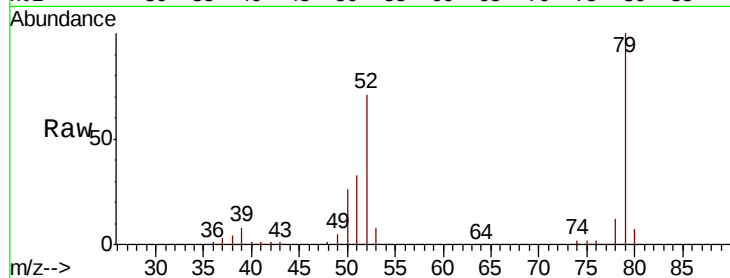




#3
 Pvridine
 Concen: 32.859 ng
 RT: 3.00 min Scan# 156
 Delta R.T. 0.03 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

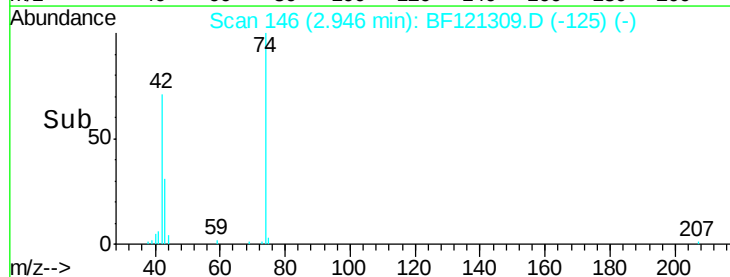
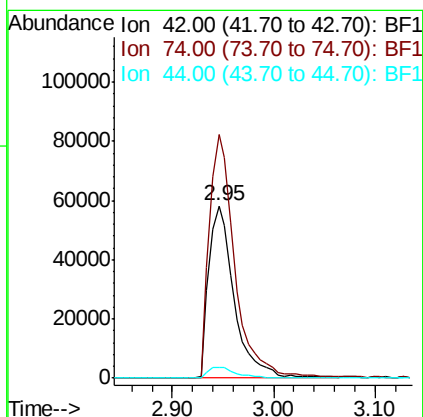
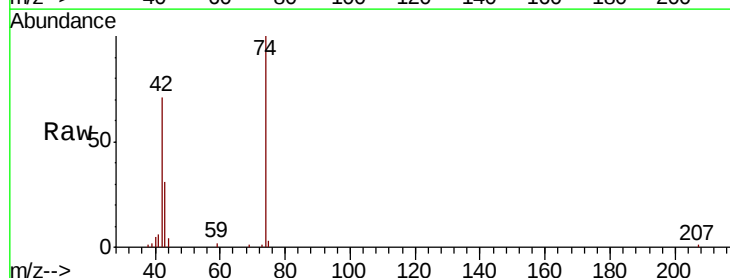
Instrument :
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 ClientSampleId :
 S706-N-SO-0-0.5-081320MS

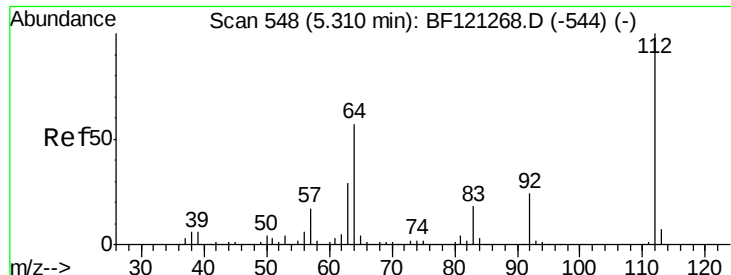
Tot Ion: 79 Resp: 193319
 Ion Ratio Lower Upper
 79 100
 52 70.6 56.9 85.3
 51 32.8 26.3 39.5



#4
 n-Nitrosodimethylamine
 Concen: 42.286 ng
 RT: 2.95 min Scan# 146
 Delta R.T. 0.02 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion: 42 Resp: 101888
 Ion Ratio Lower Upper
 42 100
 74 141.1 115.8 173.8
 44 6.1 5.7 8.5

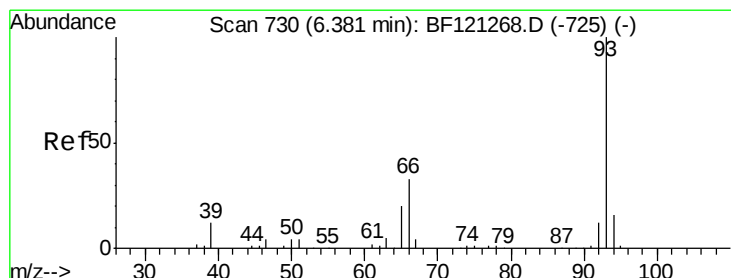
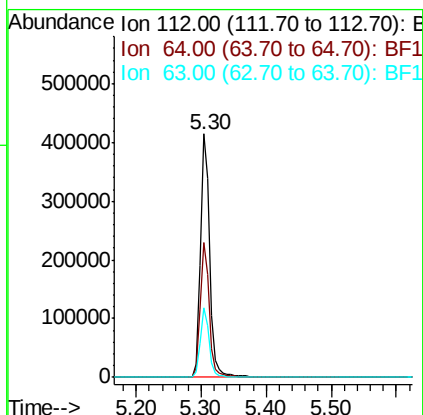
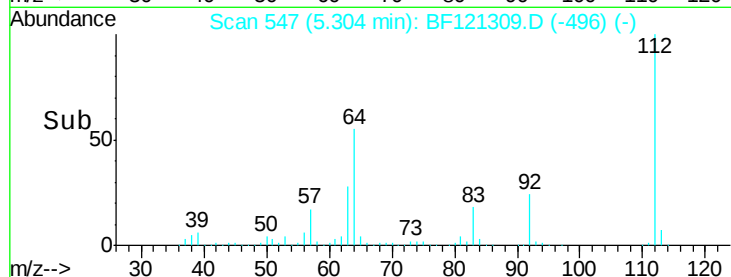
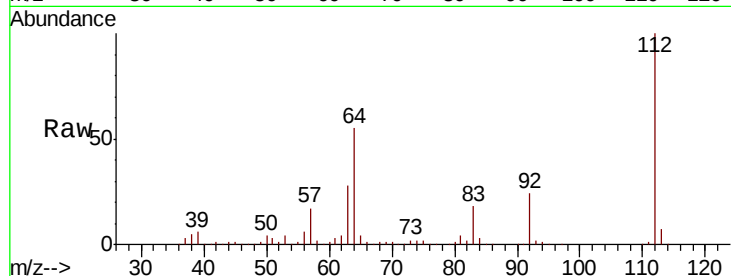




#5
2-Fluorophenol
Concen: 76.820 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

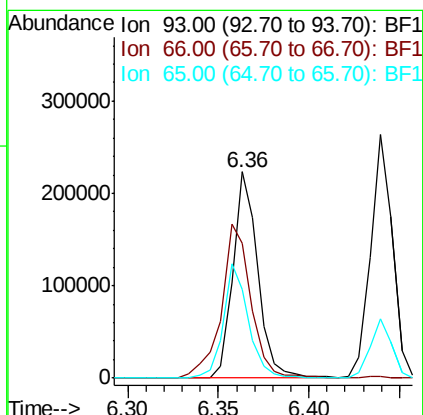
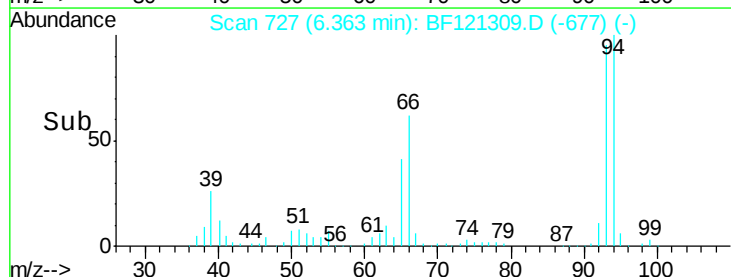
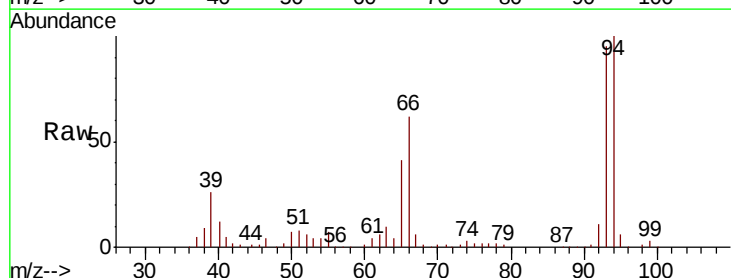
Instrument :
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ClientSampleId :
S706-N-SO-0-0.5-081320MS

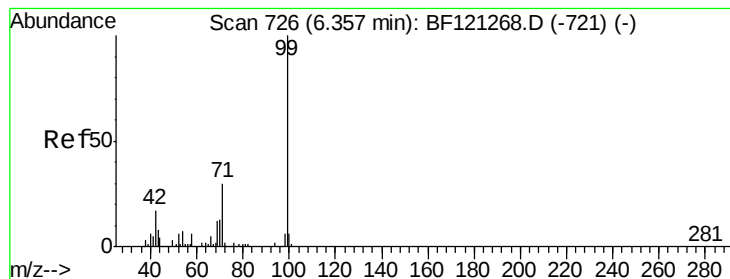
Tot Ion:112 Resp: 407973
Ion Ratio Lower Upper
112 100
64 55.1 42.9 64.3
63 28.3 22.2 33.2



#6
Aniline
Concen: 26.260 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion: 93 Resp: 213041
Ion Ratio Lower Upper
93 100
66 65.3 32.2 48.4#
65 42.8 18.2 27.4#





#7

Phenol-d6

Concen: 71.553 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

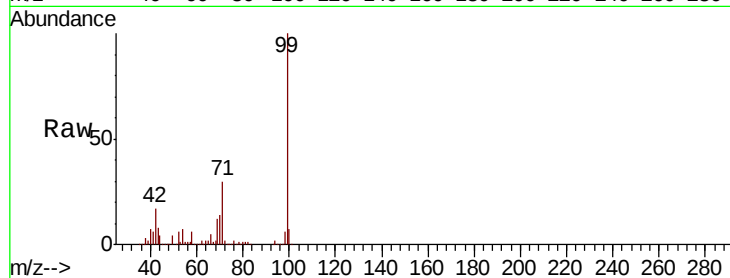
Tot Ion: 99 Resp: 489686

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

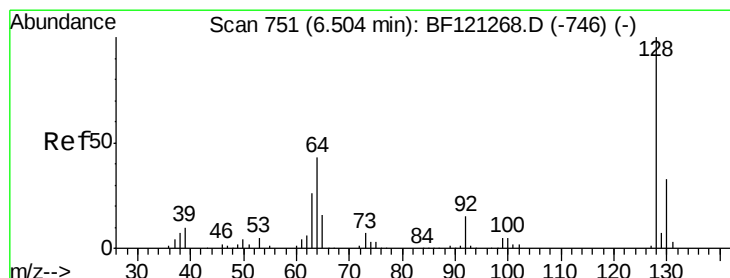
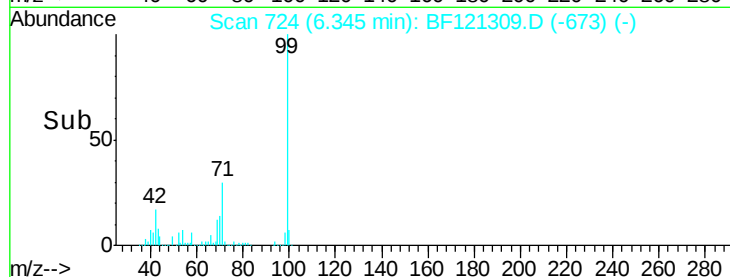
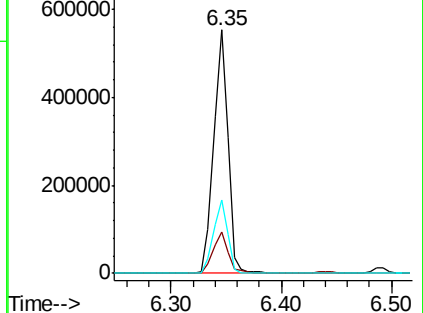
71 30.2 24.8 37.2



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: 40.492 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

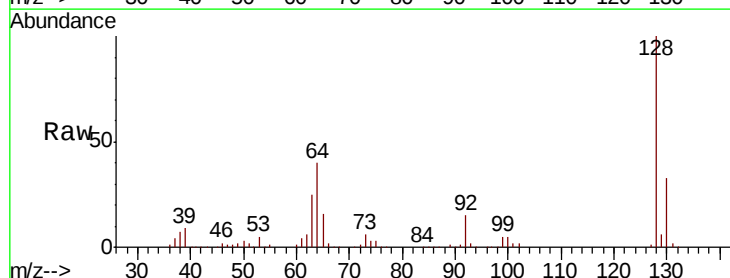
Tgt Ion: 128 Resp: 236463

Ion Ratio Lower Upper

128 100

130 33.1 11.9 51.9

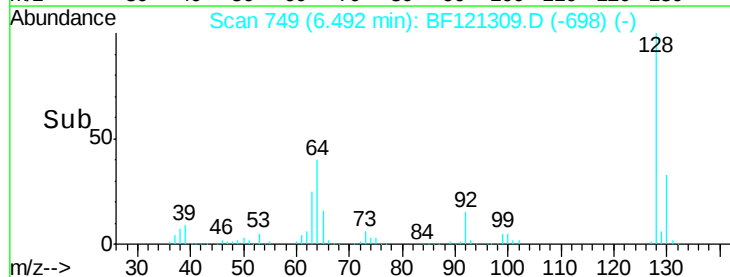
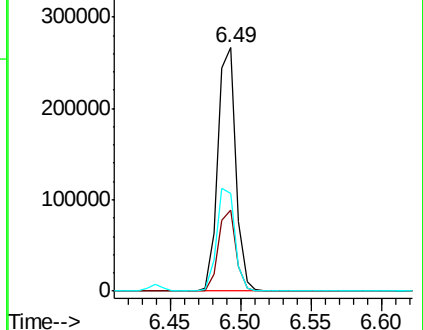
64 40.2 22.5 62.5

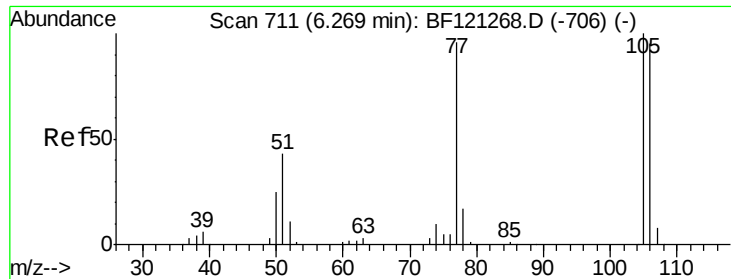


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

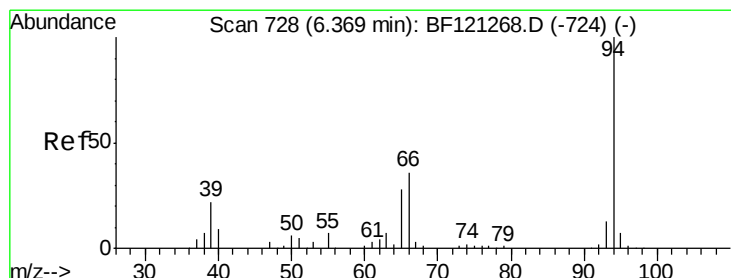
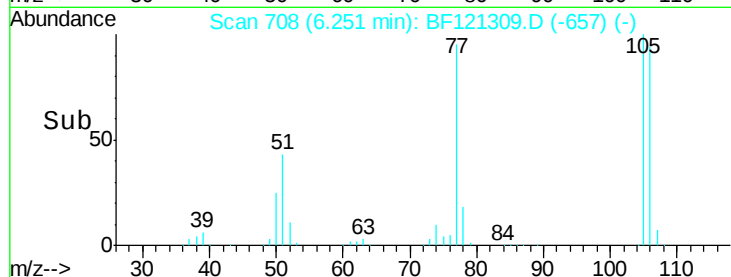
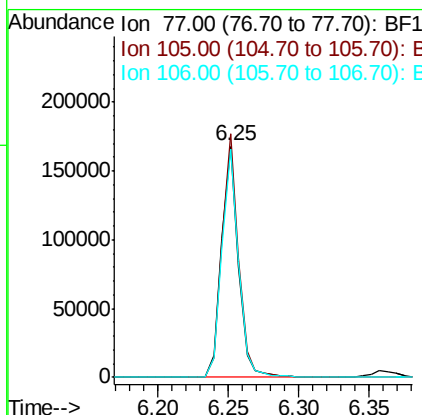
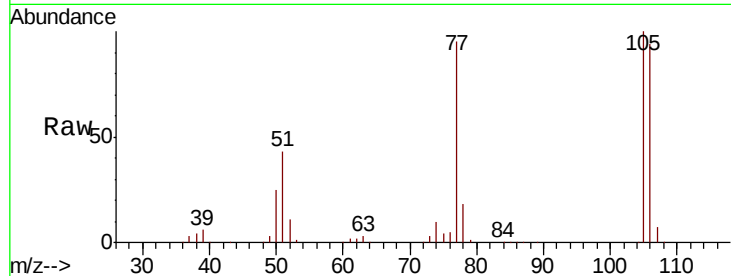




#9
Benzaldehyde
Concen: 39.565 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

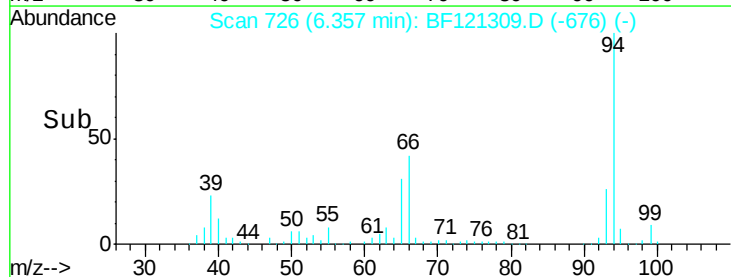
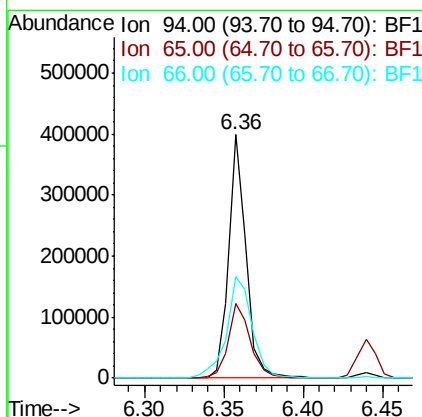
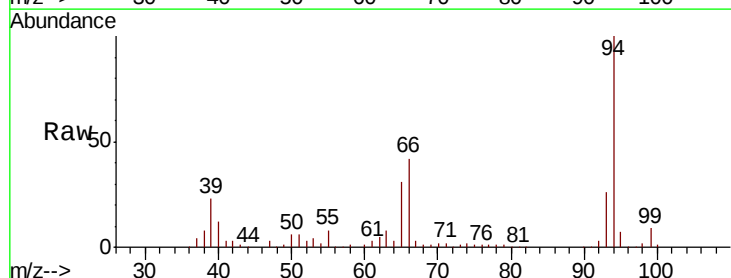
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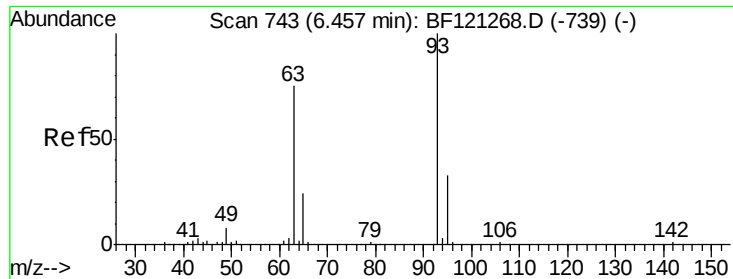
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Ion Ratio Lower Upper
77 100
105 105.3 77.6 117.6
106 98.8 74.9 114.9



#10
Phenol
Concen: 40.790 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion: 94 Resp: 302824
Ion Ratio Lower Upper
94 100
65 30.9 19.2 59.2
66 41.8 39.6 79.6

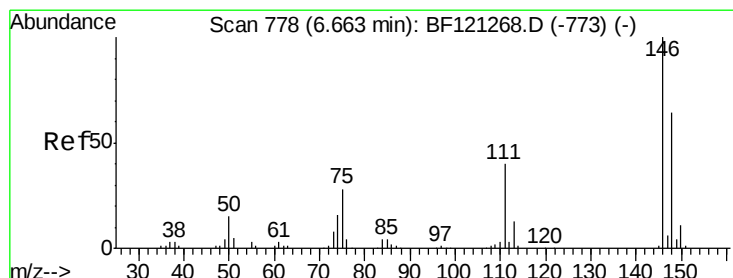
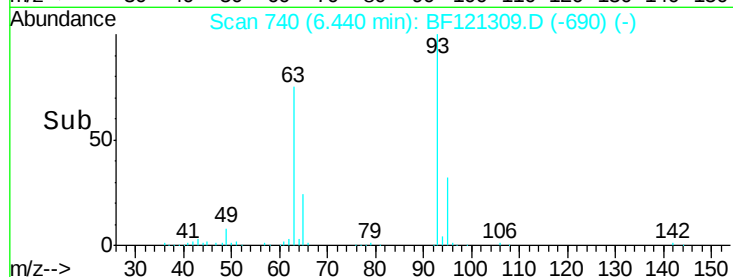
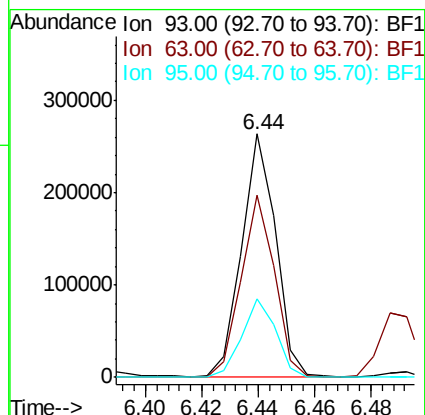
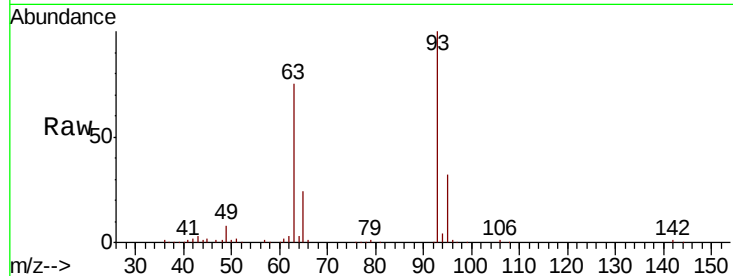




#11
bis(2-Chloroethyl)ether
Concen: 40.906 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

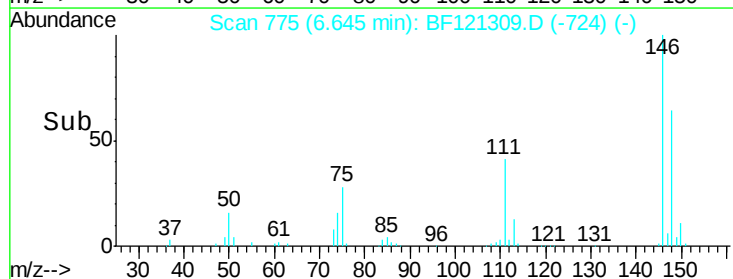
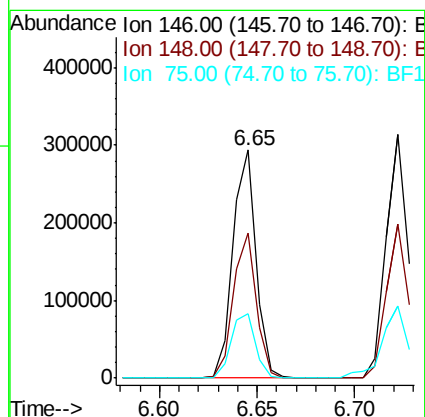
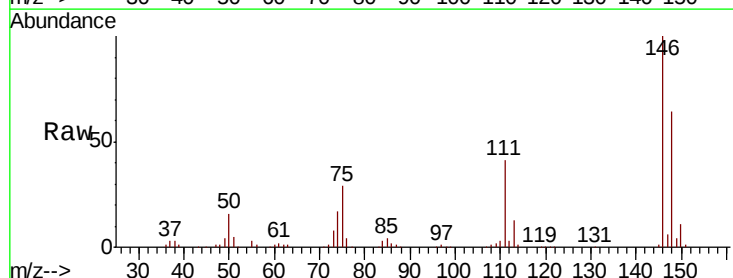
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MS

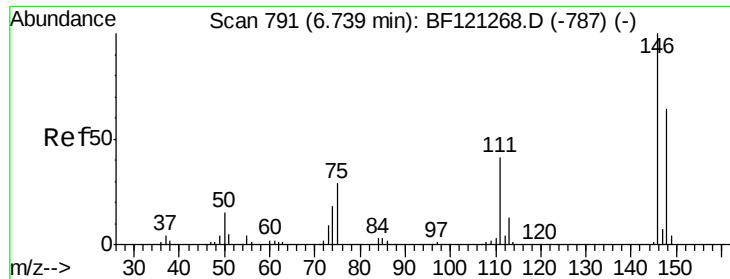
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	53.9	93.9
95	32.1	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 39.056 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
75	28.5	24.1	36.1

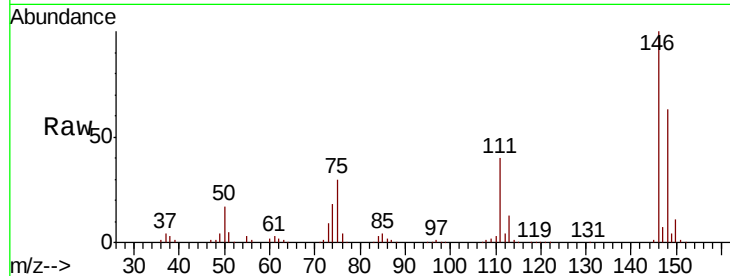




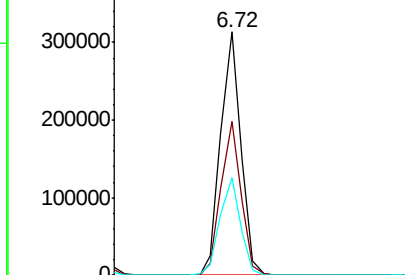
#13
 1,4-Dichlorobenzene
 Concen: 39.299 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MS

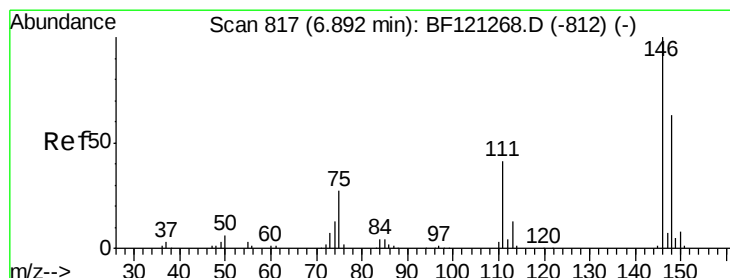
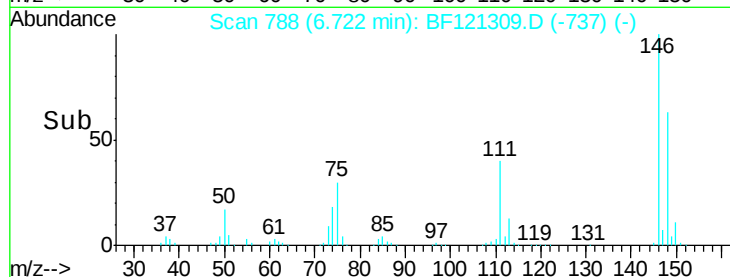
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	40.2	33.0	49.6



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

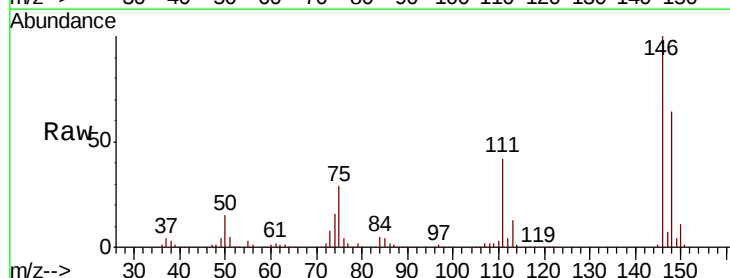


Time-->

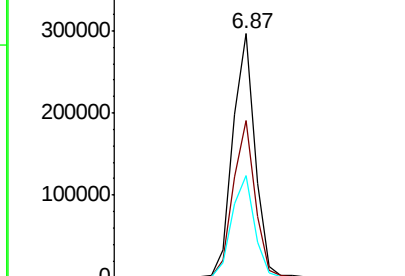


#14
 1,2-Dichlorobenzene
 Concen: 39.605 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

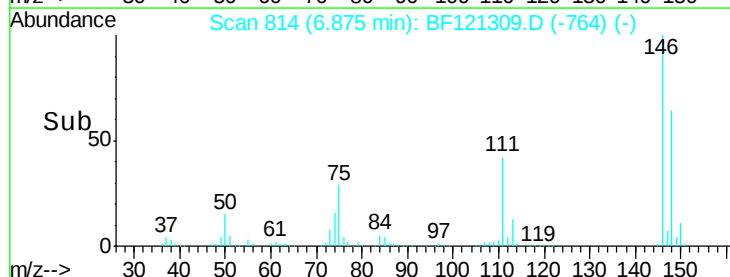
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
111	41.7	32.3	48.5

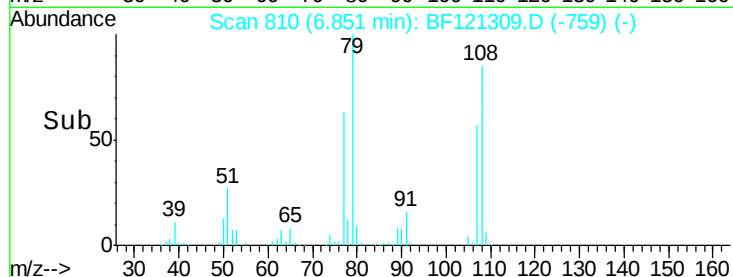
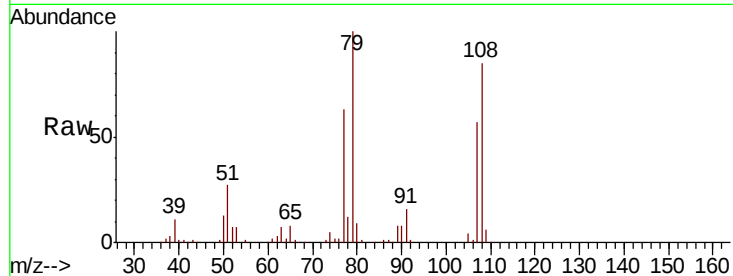
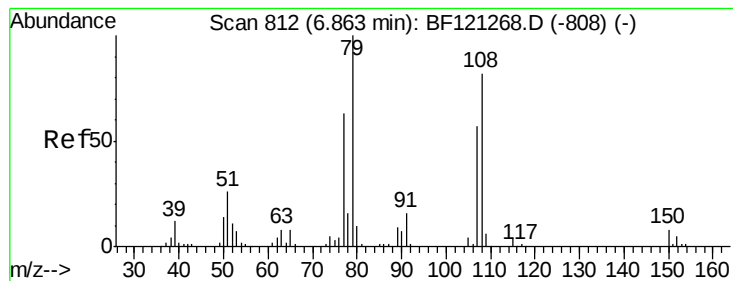


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 40.558 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

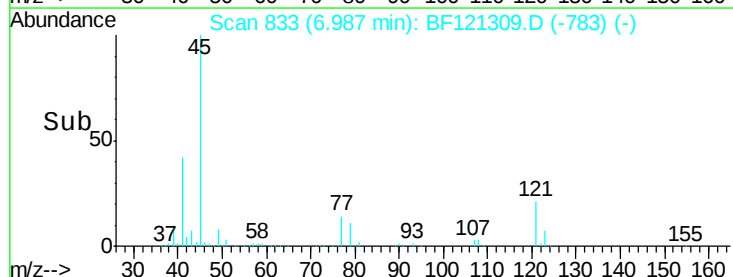
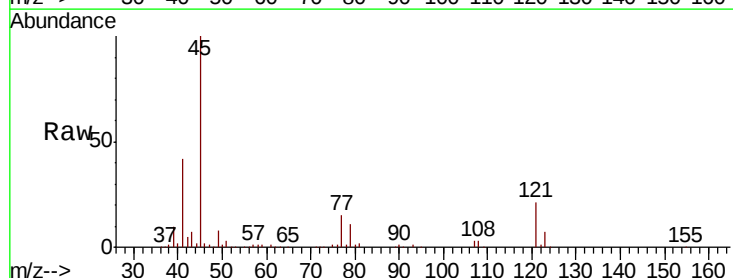
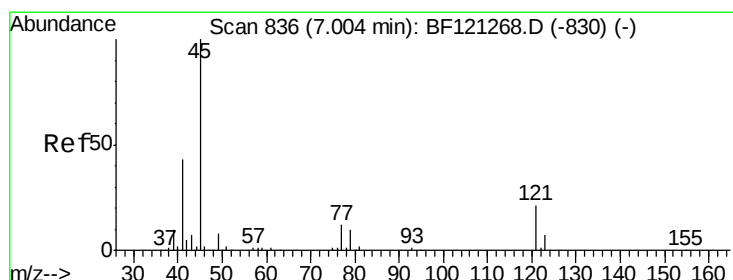
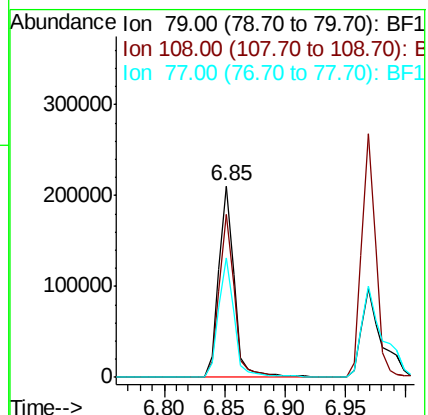
Tot Ion: 79 Resp: 185931

Ion Ratio Lower Upper

79 100

108 85.2 66.3 99.5

77 62.5 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.418 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

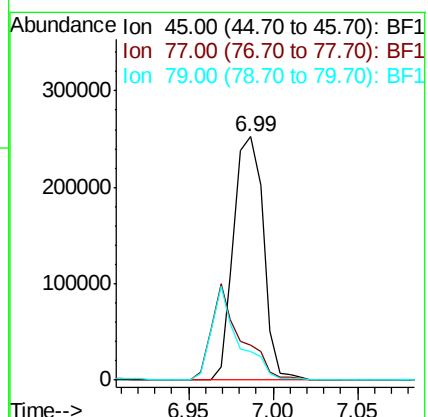
Tgt Ion: 45 Resp: 311882

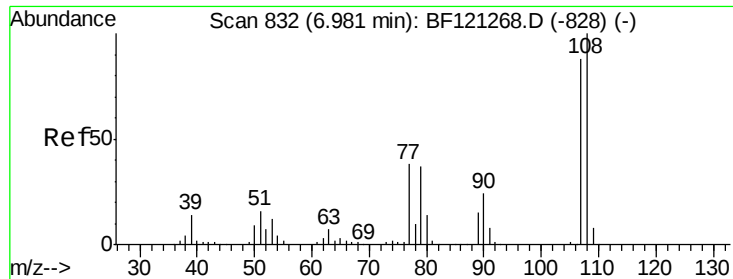
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.4

79 11.5 0.0 31.5

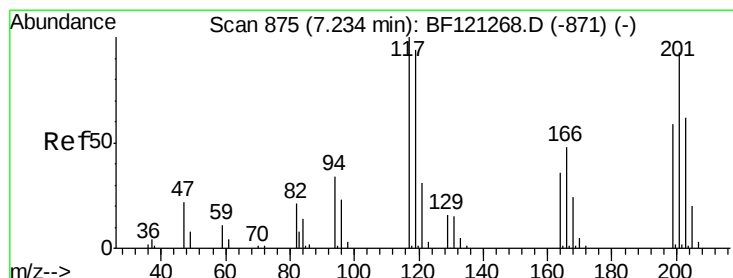
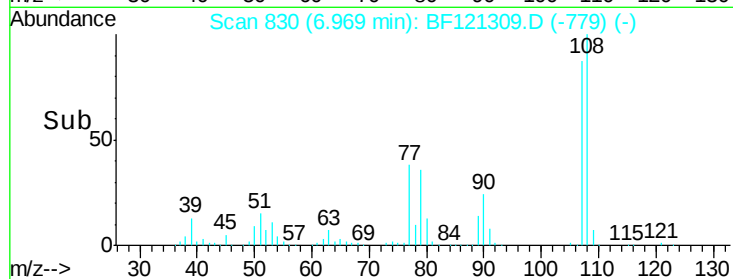
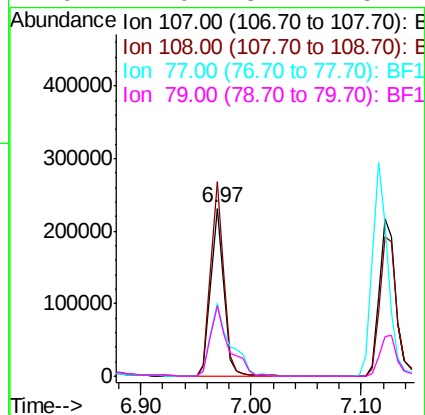
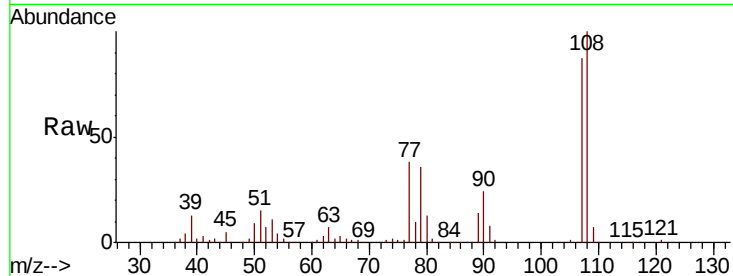




#17
2-Methylphenol
Concen: 40.500 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

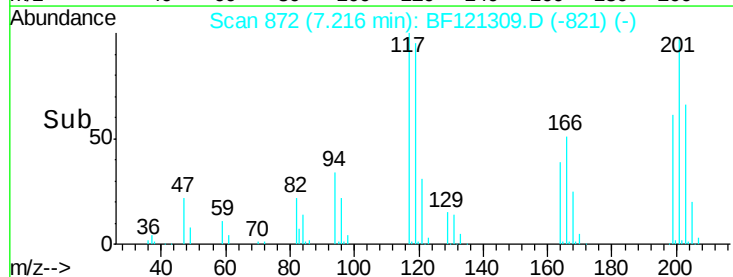
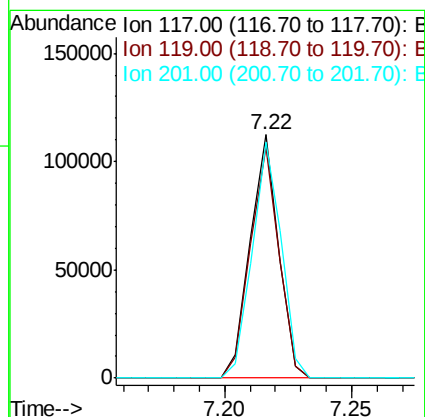
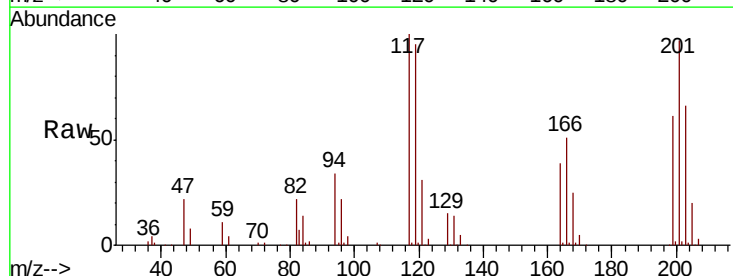
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MS

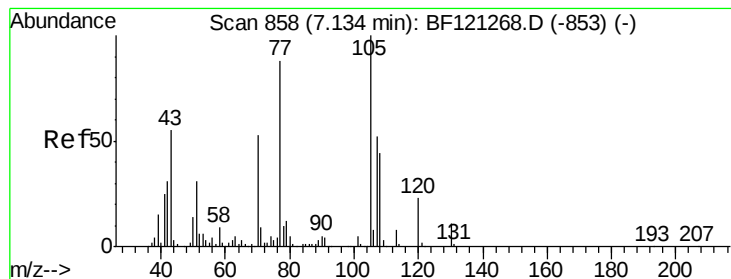
Tot Ion:	107	Resp:	186823
Ion	Ratio	Lower	Upper
107	100		
108	115.6	93.4	140.0
77	43.4	35.7	53.5
79	42.0	34.1	51.1



#18
Hexachloroethane
Concen: 39.829 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion:	117	Resp:	87844
Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.6	112.0
201	96.9	69.8	104.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.828 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion: 70 Resp: 147642

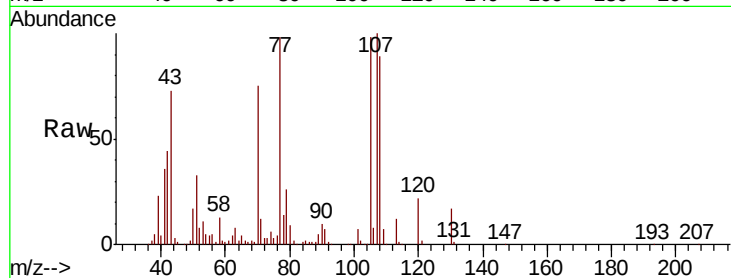
Ion Ratio Lower Upper

70 100

42 58.0 47.0 70.6

101 9.6 7.6 11.4

130 23.1 16.9 25.3



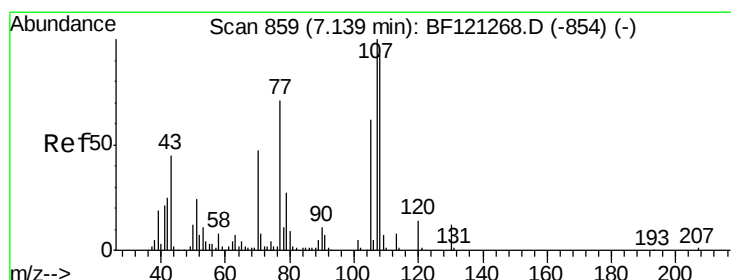
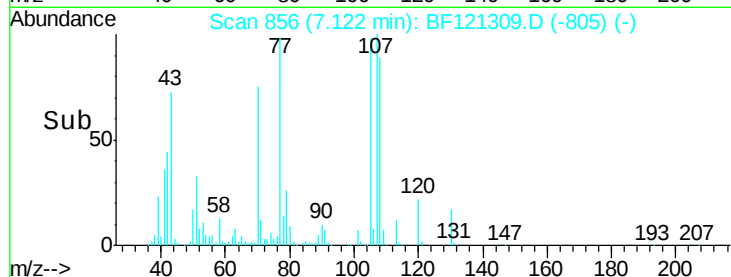
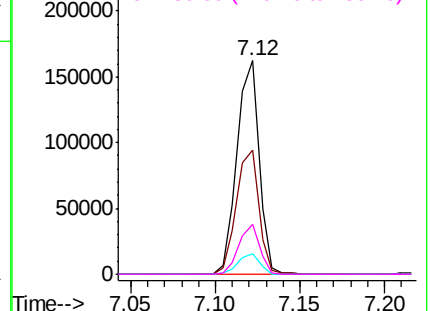
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.980 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Tgt Ion: 107 Resp: 233984

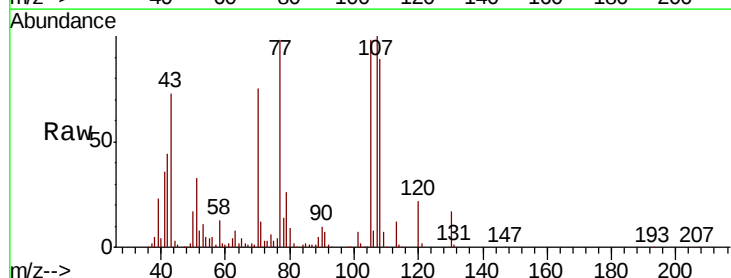
Ion Ratio Lower Upper

107 100

108 88.7 66.3 106.3

77 97.5 119.8 159.8#

79 25.6 5.1 45.1



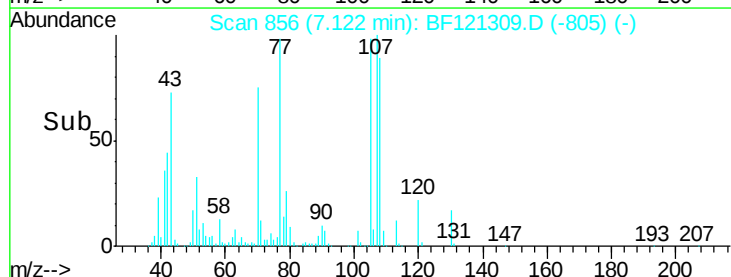
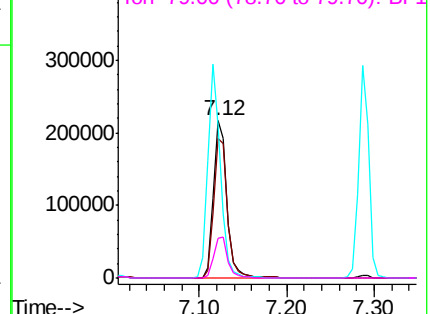
Abundance

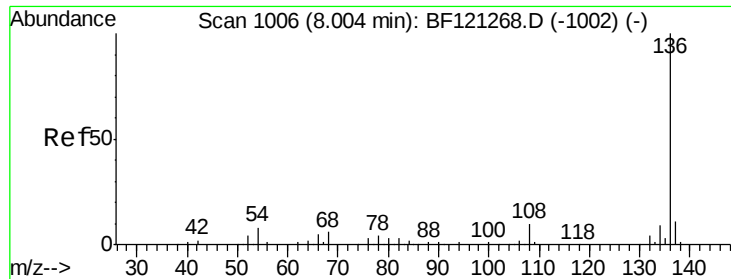
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

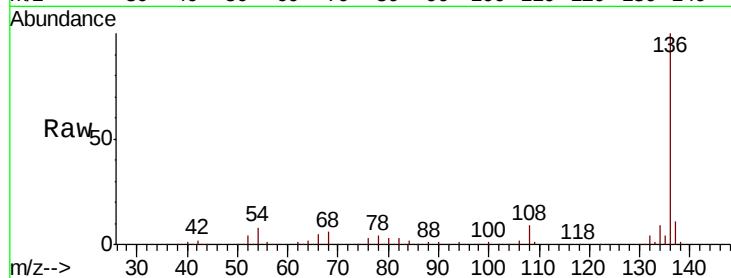




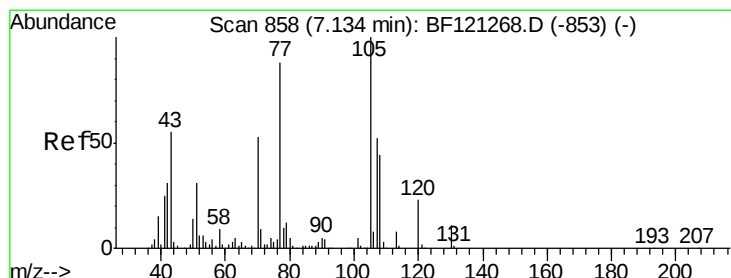
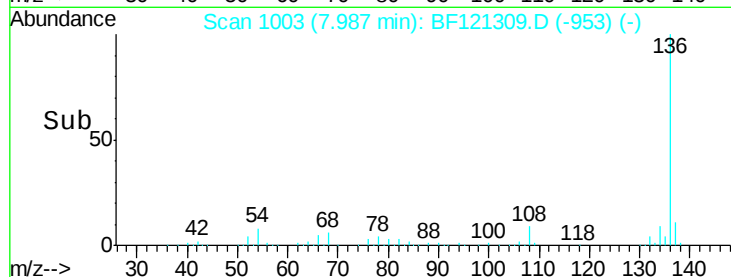
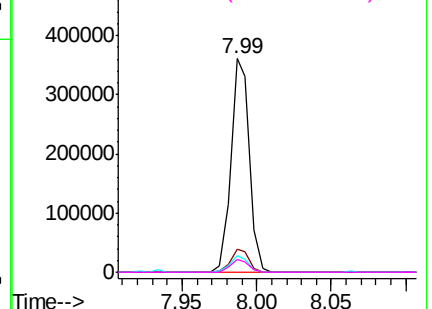
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MS

Tot Ion:136	Resp:	316320
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 13.0
54	7.7	5.4 8.2
68	6.2	4.6 6.8

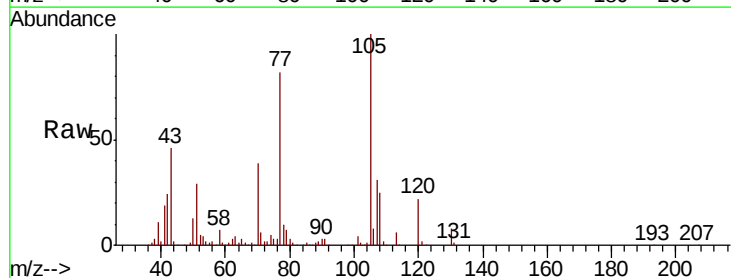


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

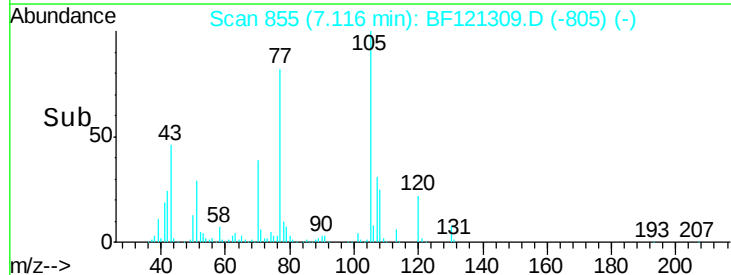
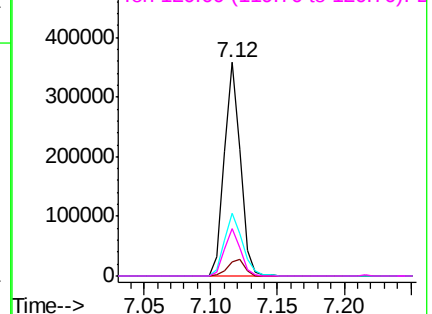


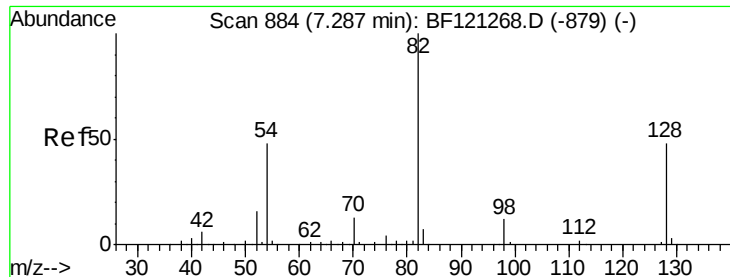
#22
Acetophenone
Concen: 37.694 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion:105	Resp:	307107
Ion Ratio	Lower	Upper
105	100	
71	6.4	7.1 10.7#
51	29.2	25.9 38.9
120	22.3	17.8 26.8



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

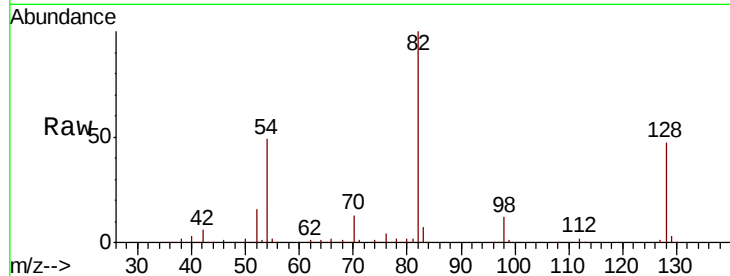




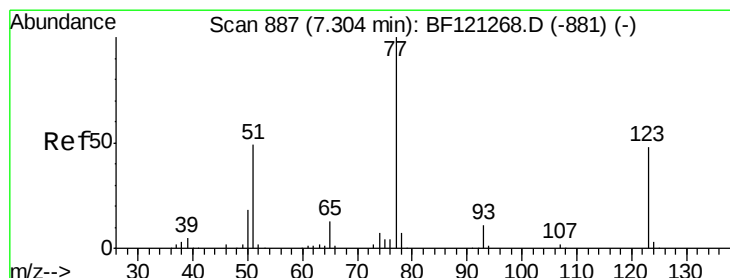
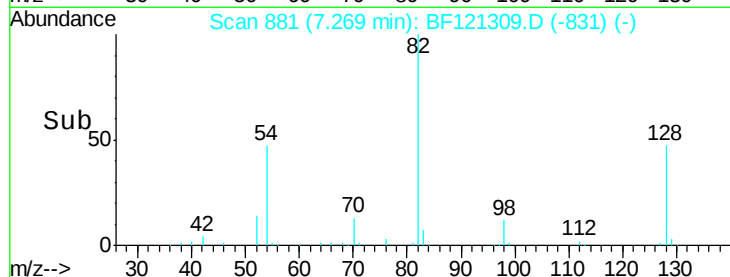
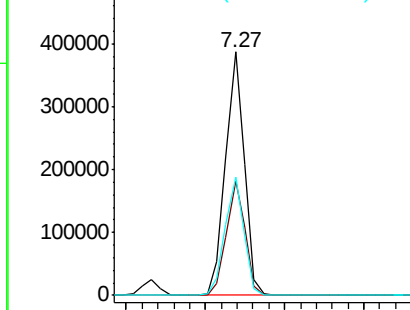
#23
Nitrobenzene-d5
Concen: 54.887 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MS

Tot Ion: 82 Resp: 317674
Ion Ratio Lower Upper
82 100
128 47.1 38.2 57.2
54 48.7 38.2 57.4

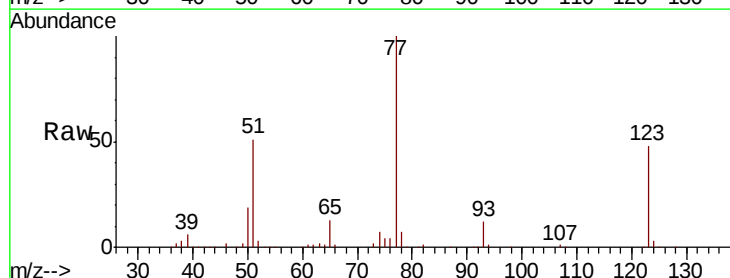


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

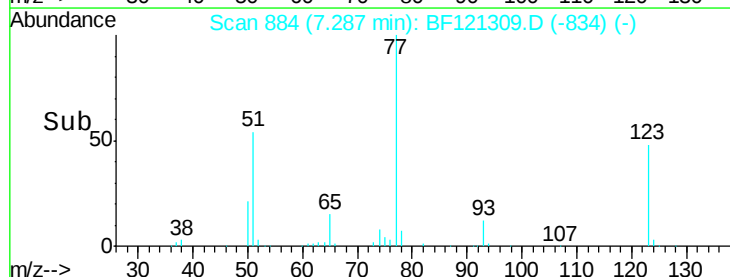
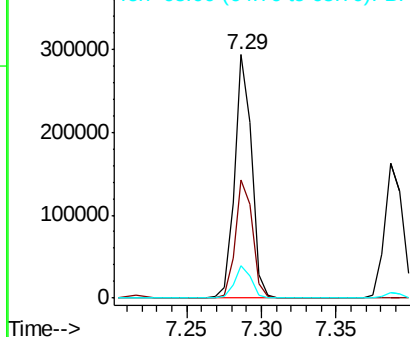


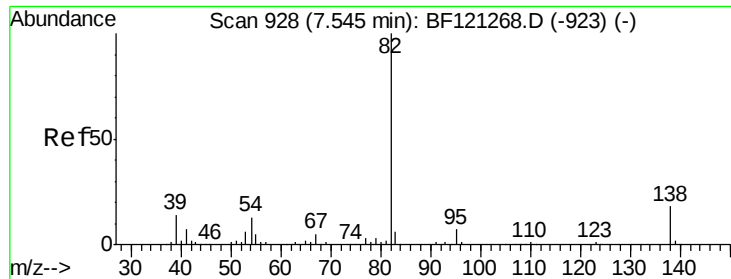
#24
Nitrobenzene
Concen: 37.681 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion: 77 Resp: 236642
Ion Ratio Lower Upper
77 100
123 48.3 40.3 60.5
65 13.2 10.2 15.4



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: 36.929 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

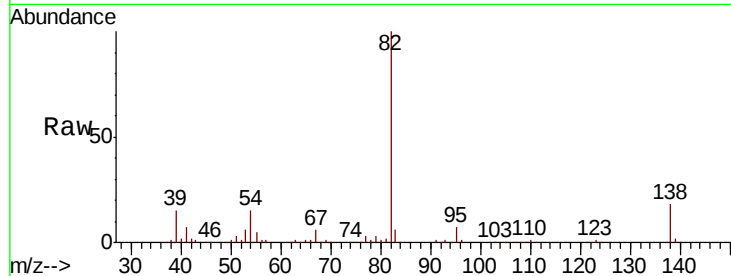
Tot Ion: 82 Resp: 429129

Ion Ratio Lower Upper

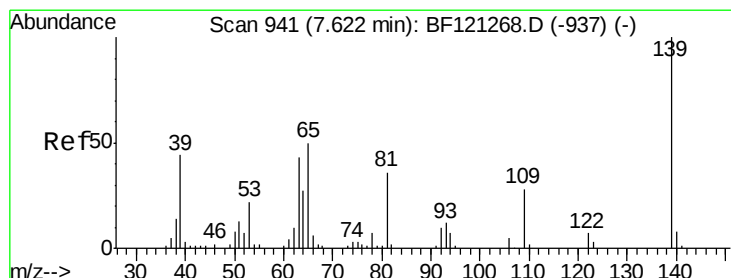
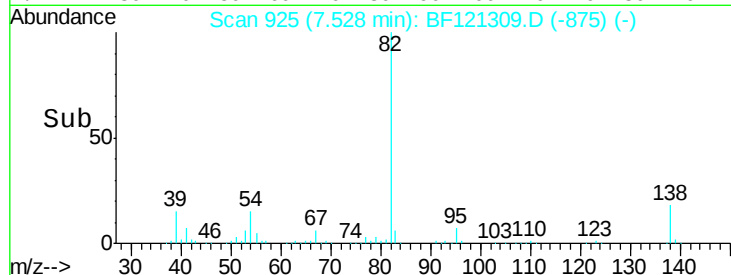
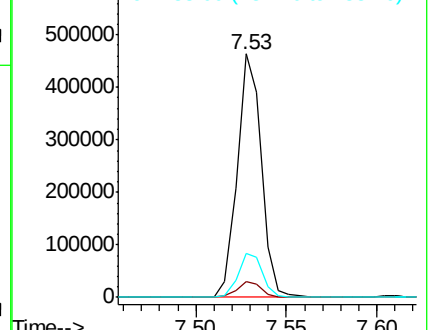
82 100

95 6.5 5.4 8.2

138 17.9 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.280 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

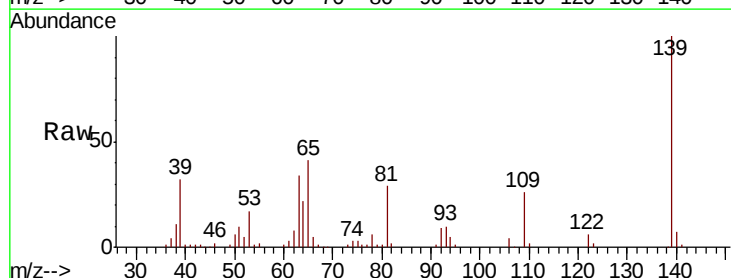
Tgt Ion: 139 Resp: 122568

Ion Ratio Lower Upper

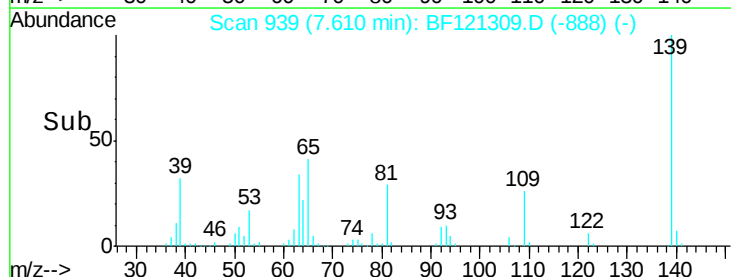
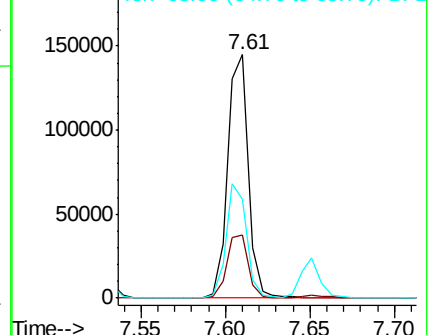
139 100

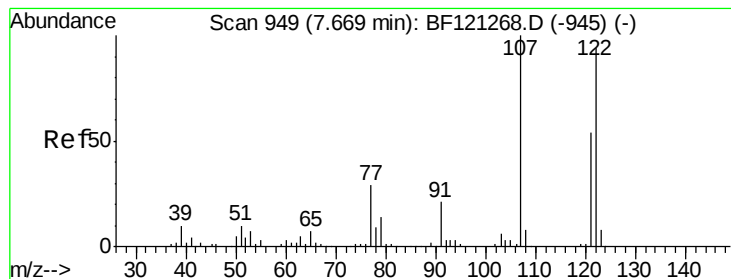
109 25.8 20.8 31.2

65 40.6 36.4 54.6



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: 42.052 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

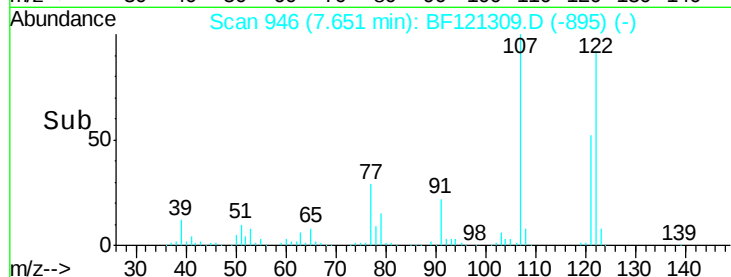
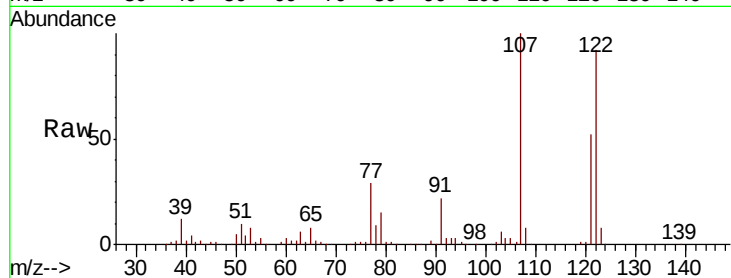
Tot Ion:122 Resp: 205022

Ion Ratio Lower Upper

122 100

107 108.6 87.2 130.8

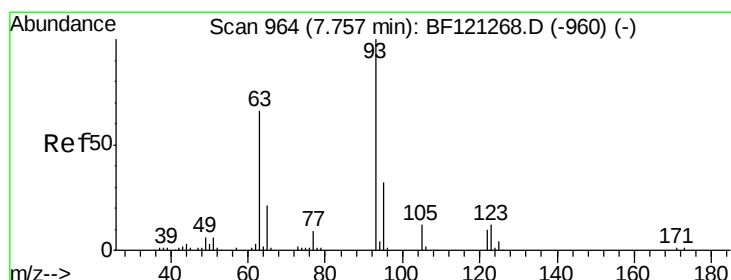
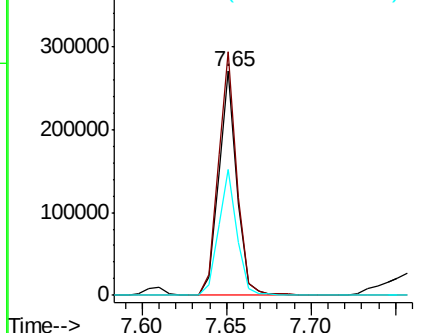
121 56.2 45.7 68.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.381 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

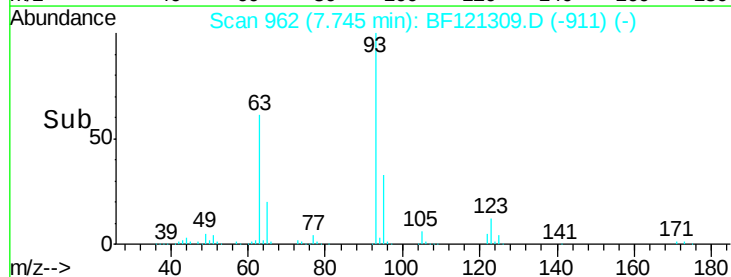
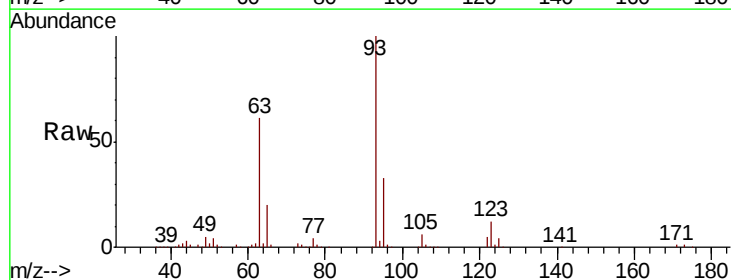
Tgt Ion: 93 Resp: 275460

Ion Ratio Lower Upper

93 100

95 32.6 26.7 40.1

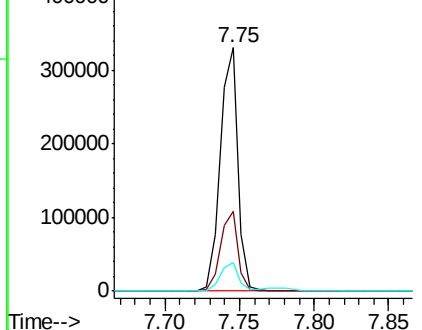
123 11.9 9.1 13.7

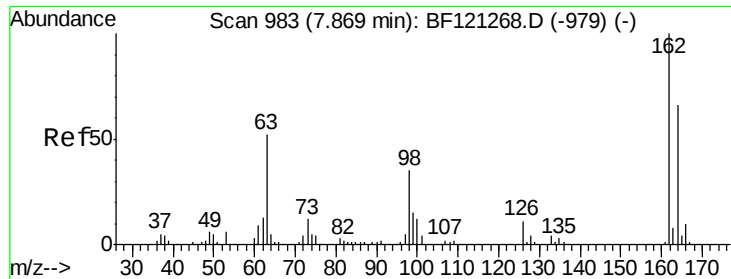


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

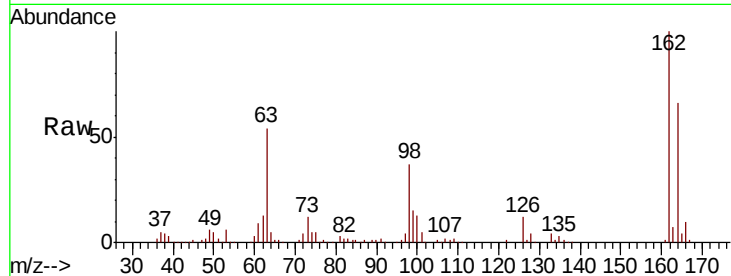




#29
2,4-Dichlorophenol
Concen: 38.325 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.0	85.0
98	37.2	13.7	53.7

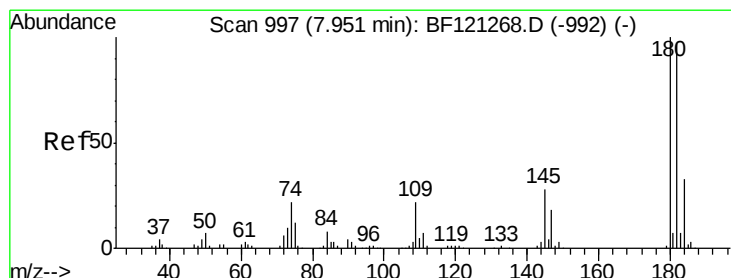
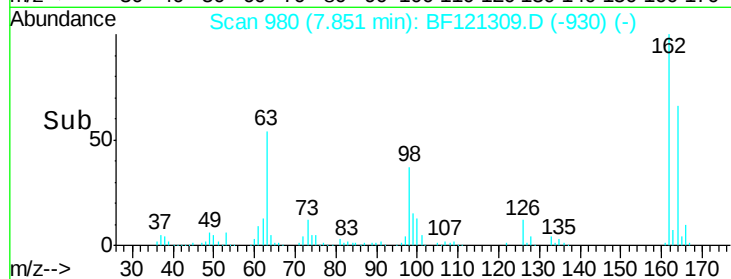
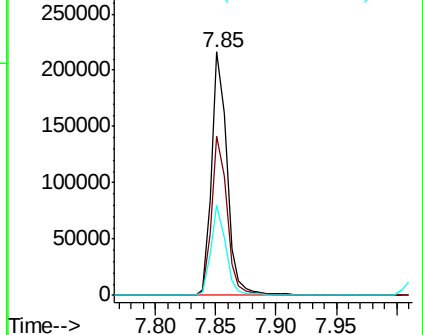


Abundance

Ion 162.00 (161.70 to 162.70): E

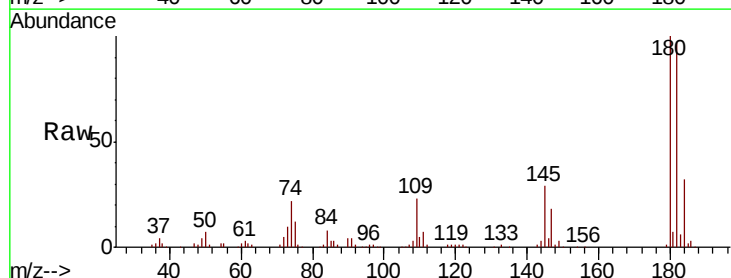
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.280 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.8	113.6
145	28.9	23.4	35.0

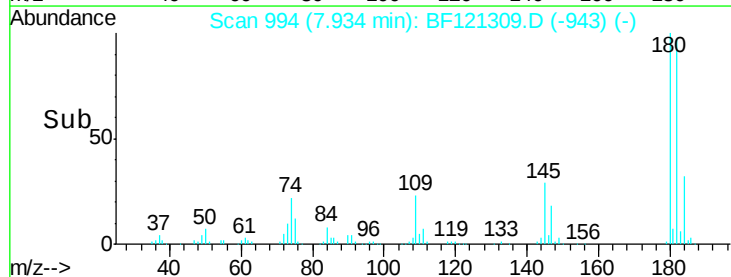
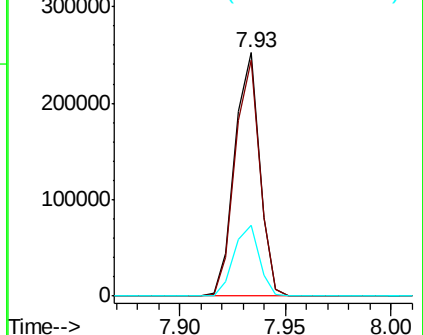


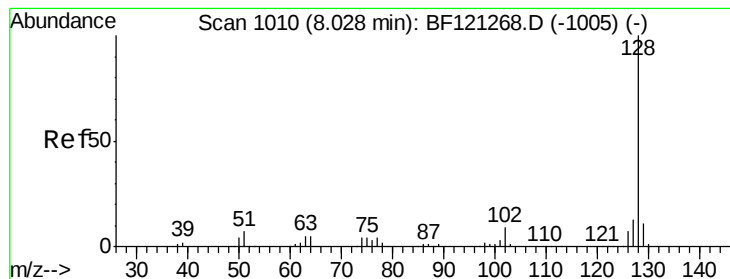
Abundance

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: 37.148 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

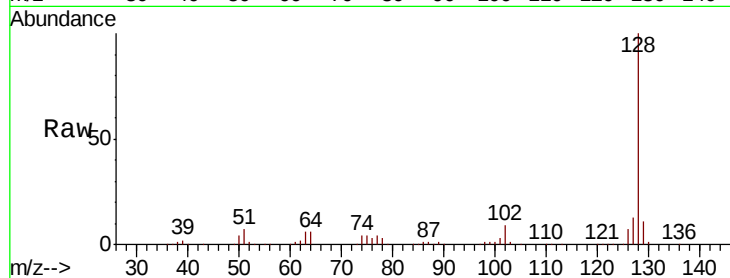
Tot Ion:128 Resp: 661086

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

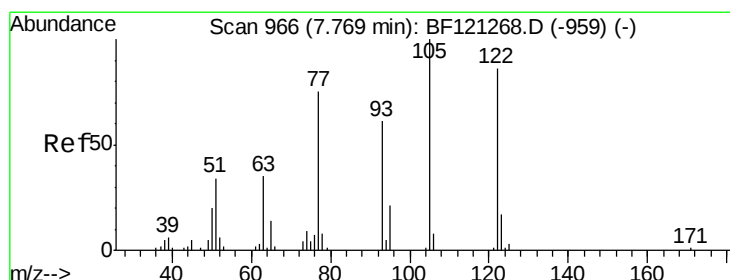
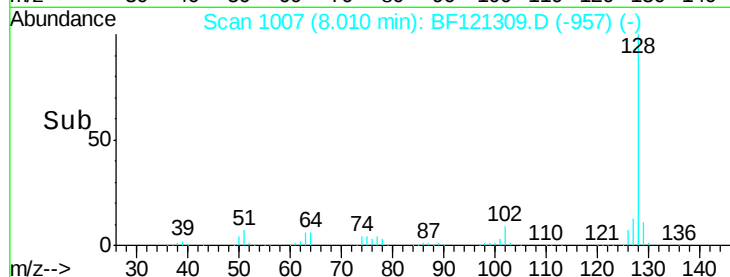
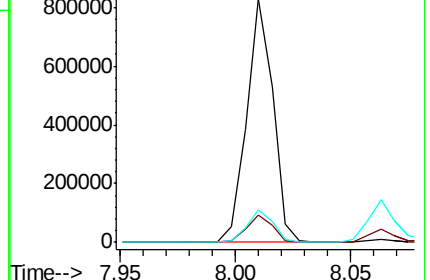
127 13.3 10.6 15.8



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: 42.010 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

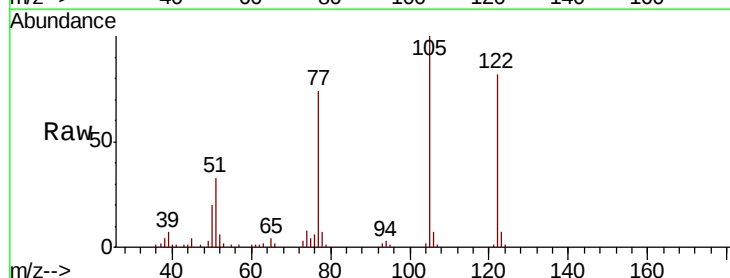
Tgt Ion:122 Resp: 110576

Ion Ratio Lower Upper

122 100

105 121.8 101.1 141.1

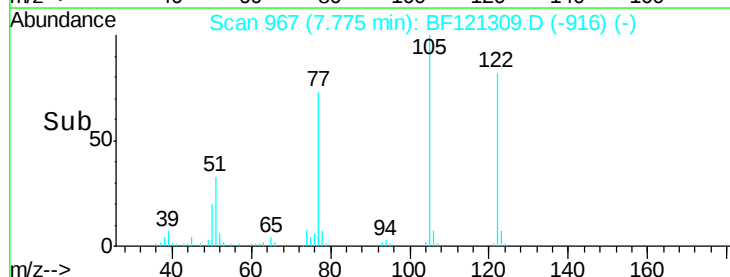
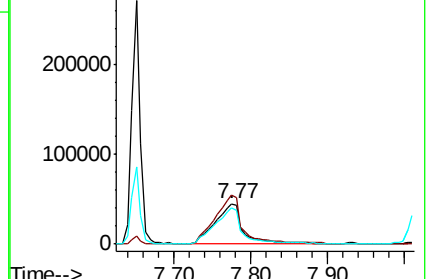
77 89.6 67.8 107.8

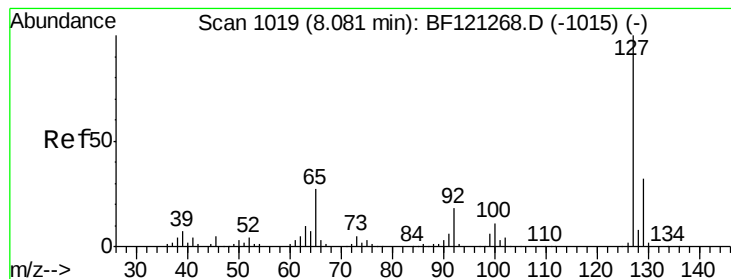


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 17.737 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion:127 Resp: 128815

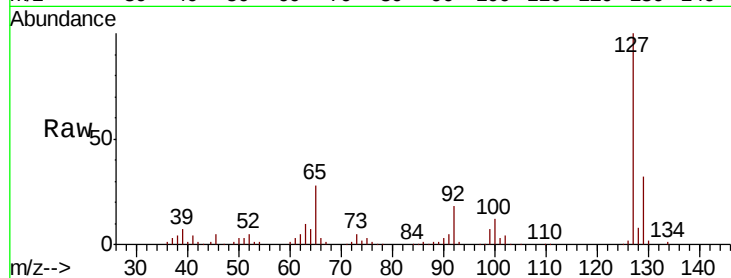
Ion Ratio Lower Upper

127 100

129 31.8 25.7 38.5

65 28.5 22.9 34.3

92 18.3 15.0 22.4

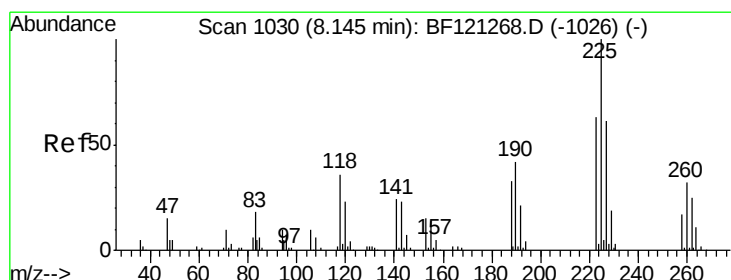
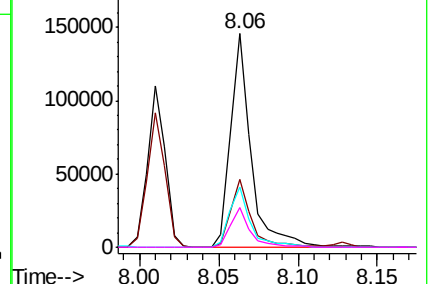
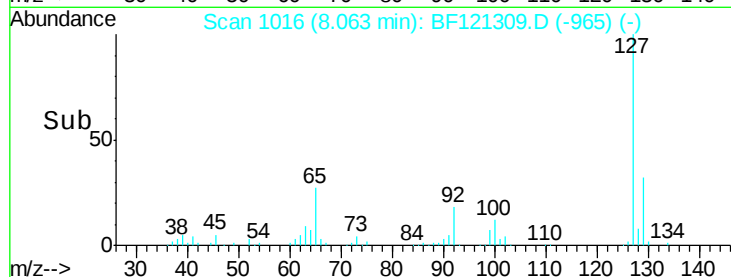


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.177 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

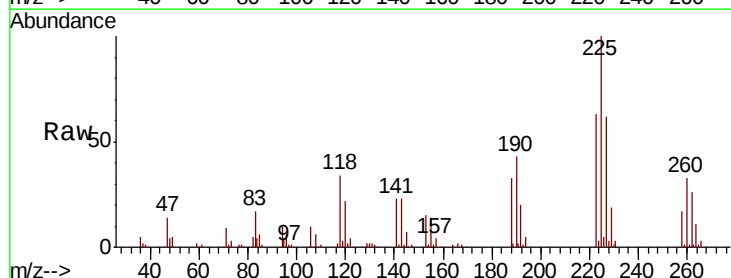
Tgt Ion:225 Resp: 120445

Ion Ratio Lower Upper

225 100

223 62.9 51.0 76.4

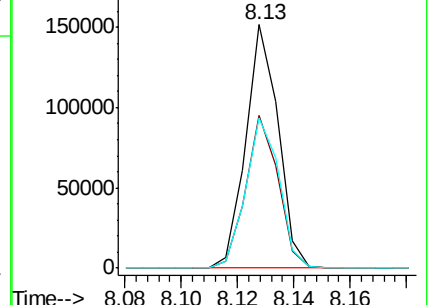
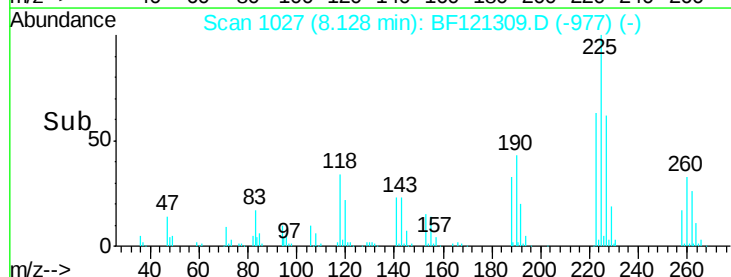
227 61.7 51.0 76.4

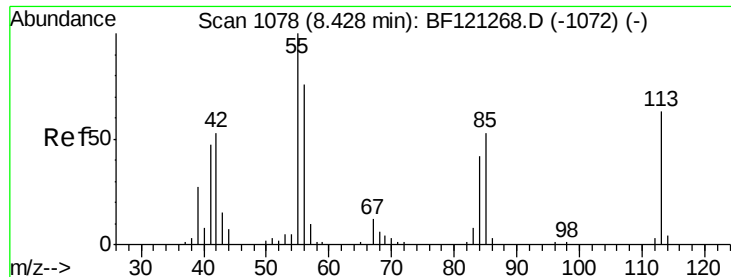


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

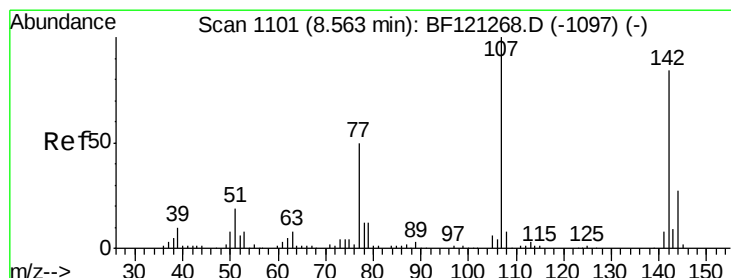
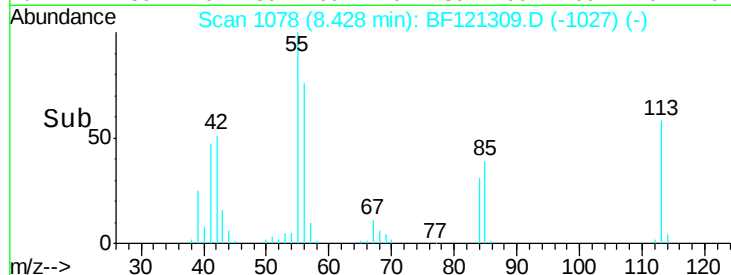
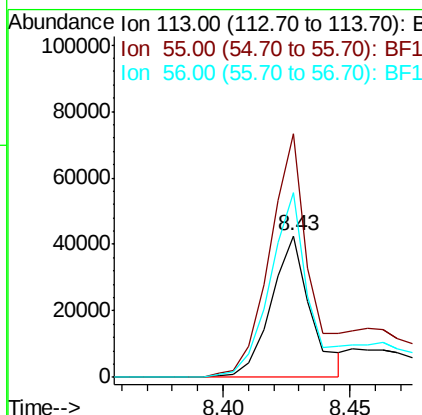
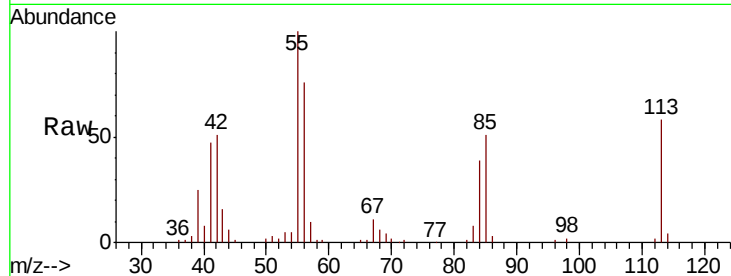




#35
 Caprolactam
 Concen: 30.918 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

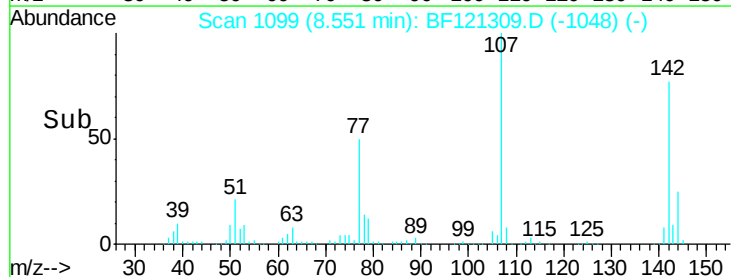
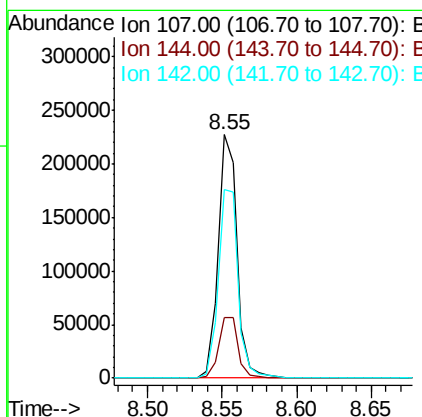
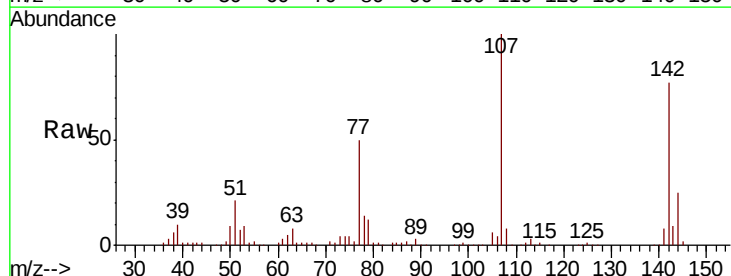
Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MS

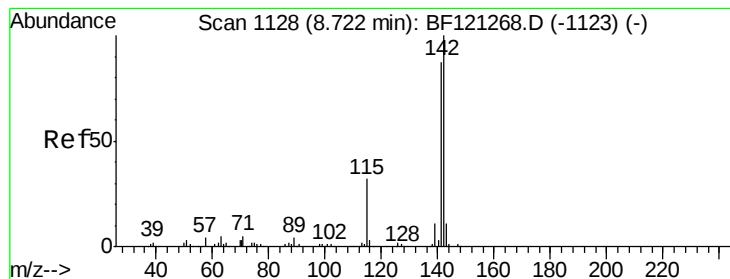
Tot Ion:113 Resp: 46429
 Ion Ratio Lower Upper
 113 100
 55 172.0 146.1 186.1
 56 130.3 103.3 143.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.852 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion:107 Resp: 202711
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.4 30.6
 142 77.3 63.8 95.8





#37

2-Methylnaphthalene

Concen: 38.495 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

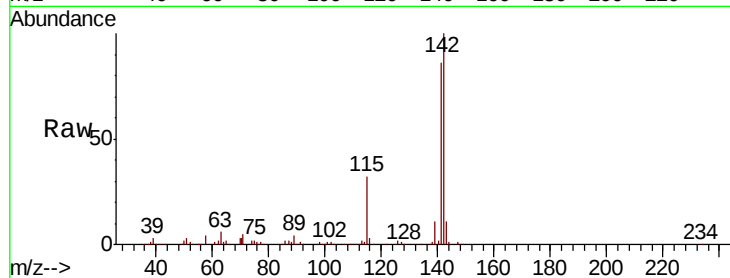
Tot Ion:142 Resp: 450806

Ion Ratio Lower Upper

142 100

141 86.3 69.2 103.8

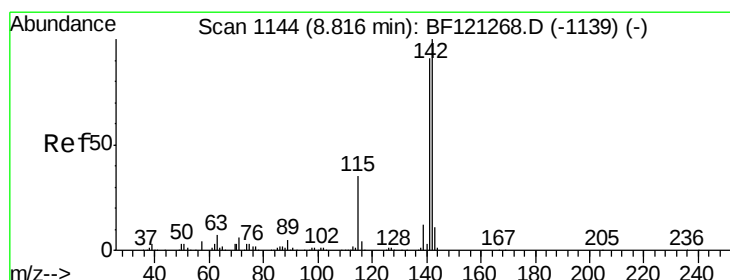
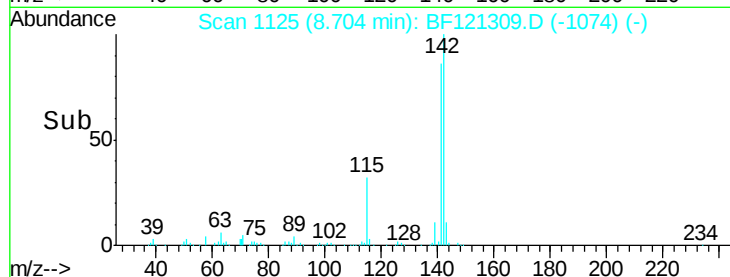
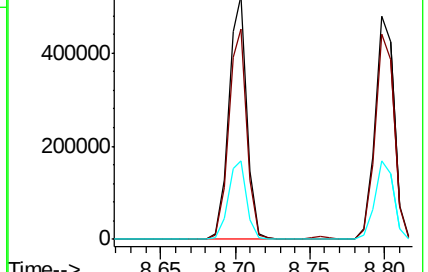
115 32.1 25.8 38.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.640 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

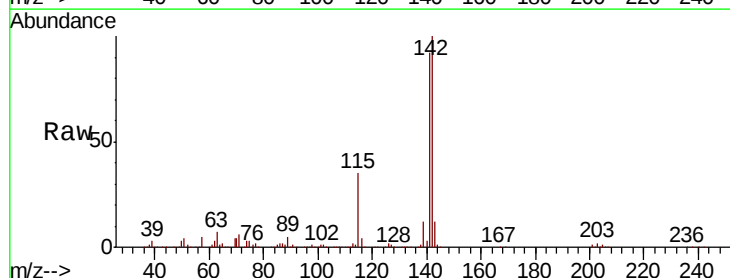
Tgt Ion:142 Resp: 417357

Ion Ratio Lower Upper

142 100

141 92.1 72.6 109.0

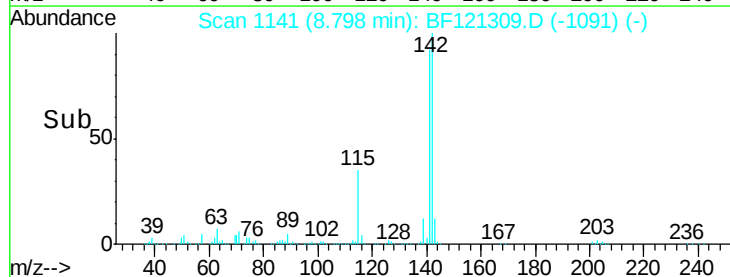
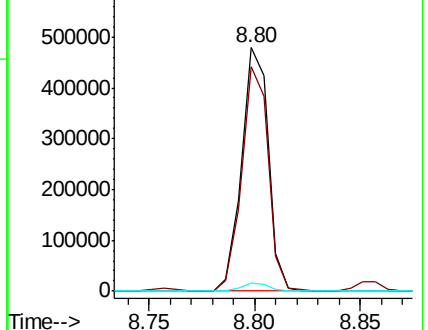
116 3.6 2.8 4.2

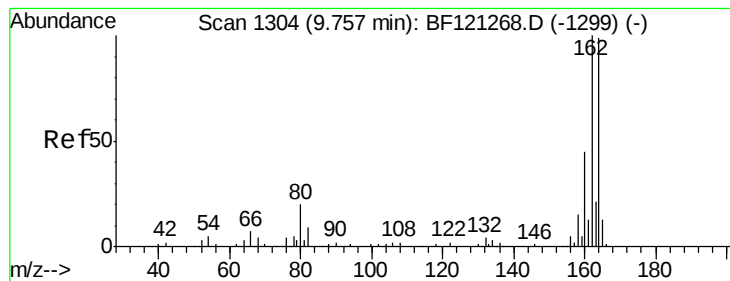


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

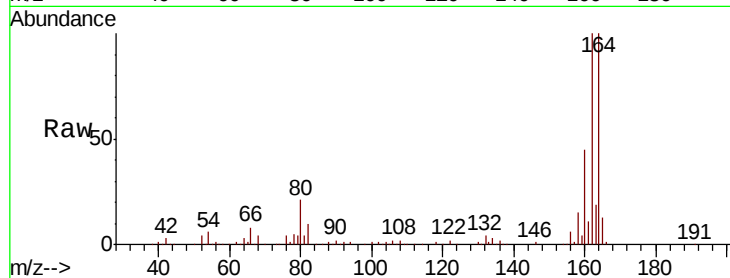
Tot Ion:164 Resp: 168164

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.2

160 45.1 36.5 54.7

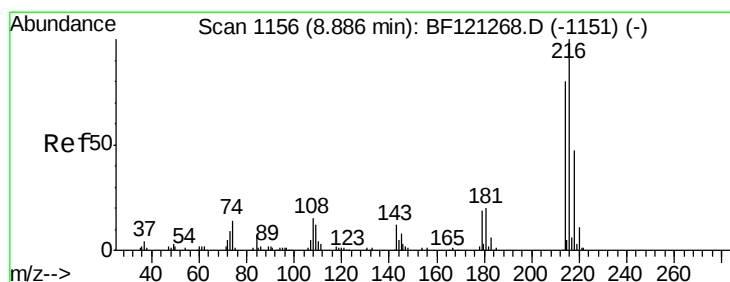
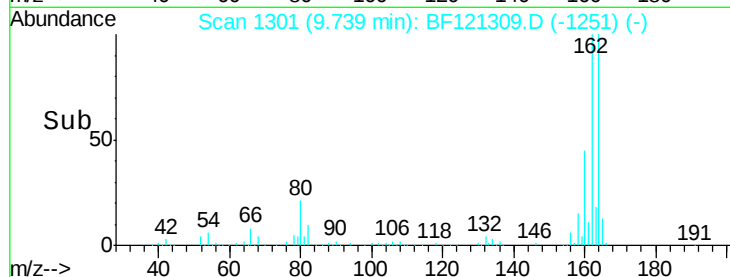
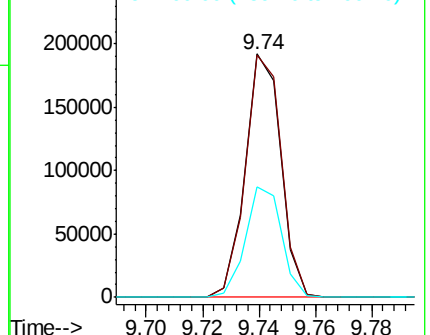


Abundance

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: 37.200 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Tgt Ion:216 Resp: 209609

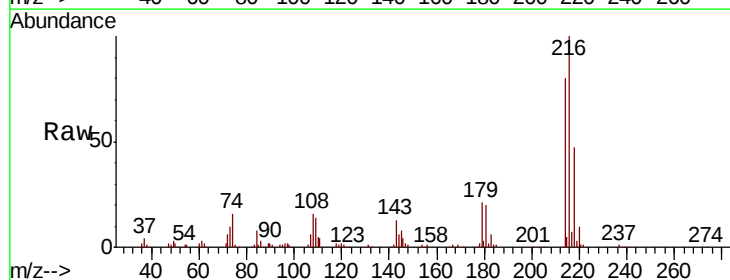
Ion Ratio Lower Upper

216 100

214 79.0 63.2 94.8

179 20.5 15.8 23.6

108 18.5 14.1 21.1



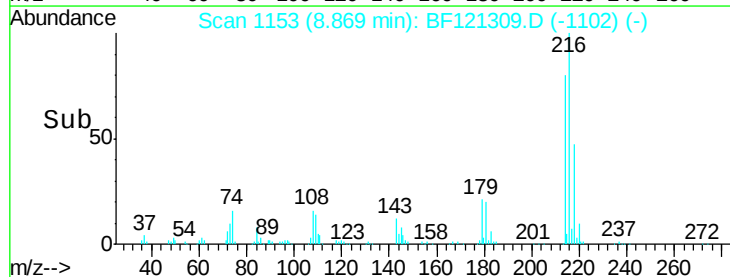
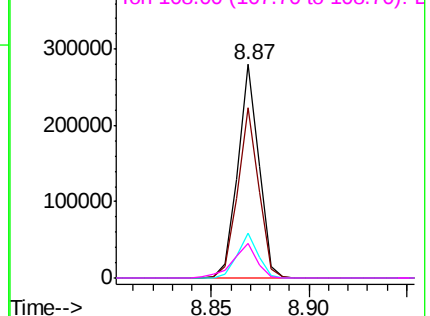
Abundance

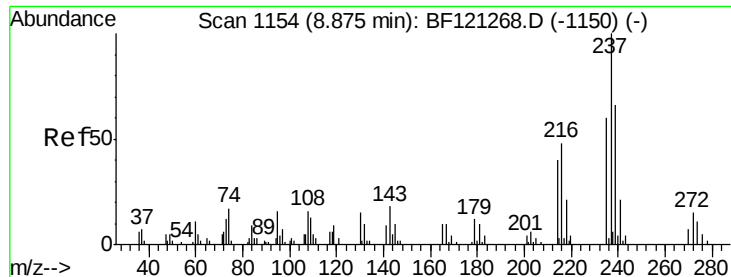
Ion 216.00 (215.70 to 216.70): E

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: 61.515 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

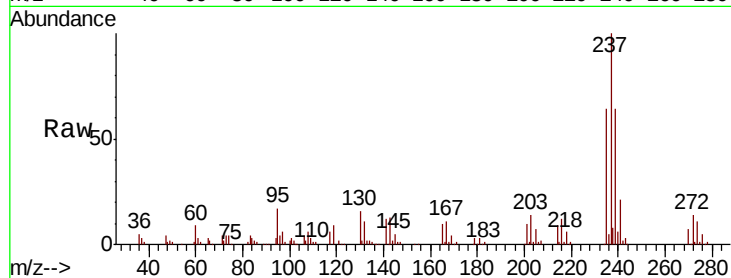
Tot Ion:237 Resp: 126411

Ion Ratio Lower Upper

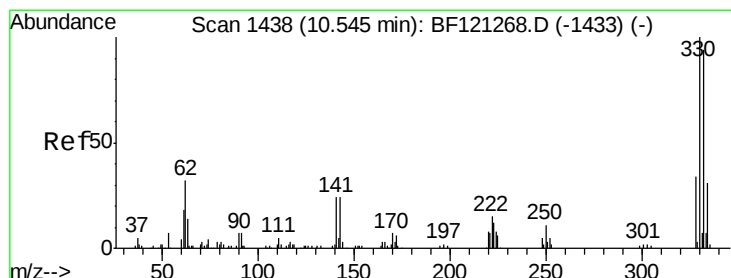
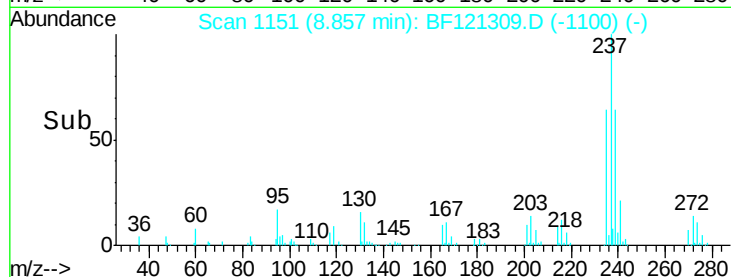
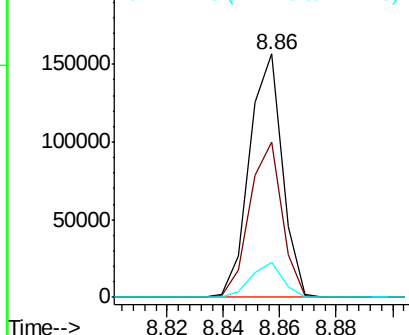
237 100

235 64.0 41.5 81.5

272 14.5 0.0 34.2



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: 76.458 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

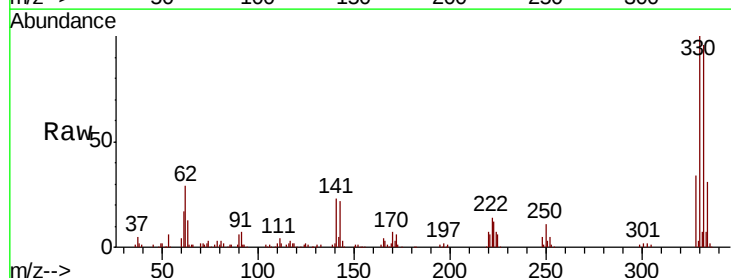
Tgt Ion:330 Resp: 158302

Ion Ratio Lower Upper

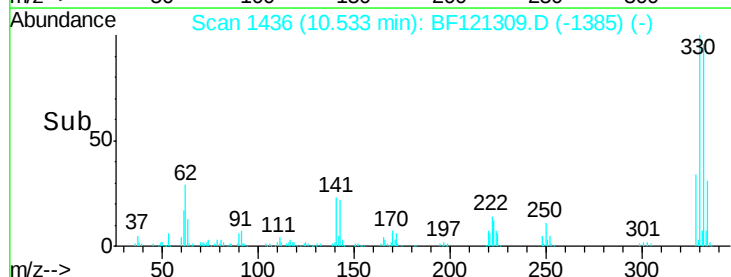
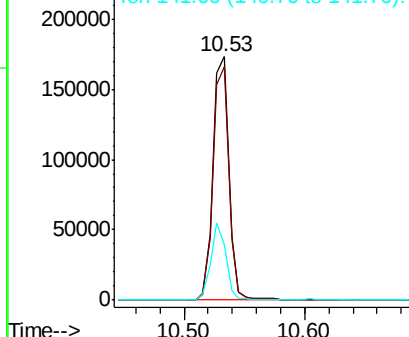
330 100

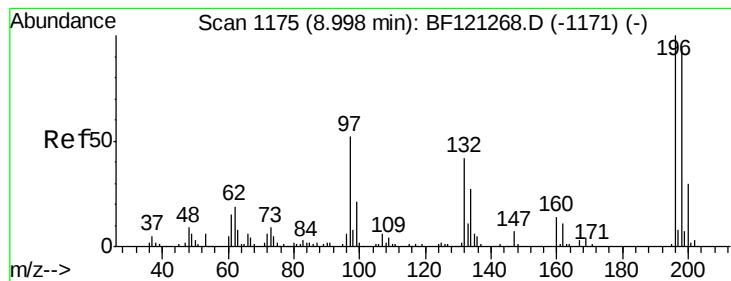
332 95.1 77.4 116.0

141 29.8 24.2 36.4



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: 39.669 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

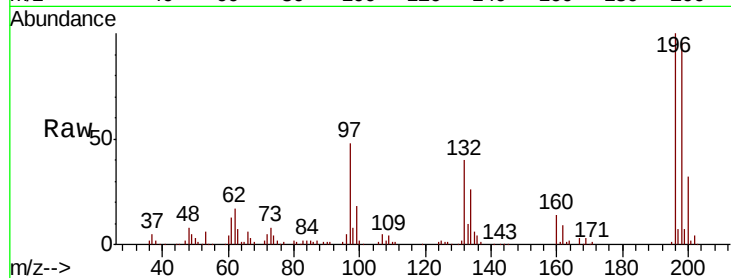
Tot Ion:196 Resp: 142156

Ion Ratio Lower Upper

196 100

198 95.6 76.9 115.3

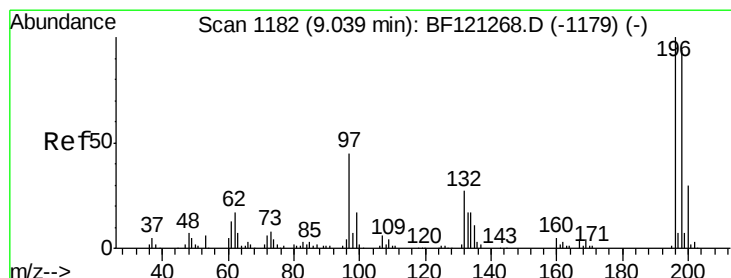
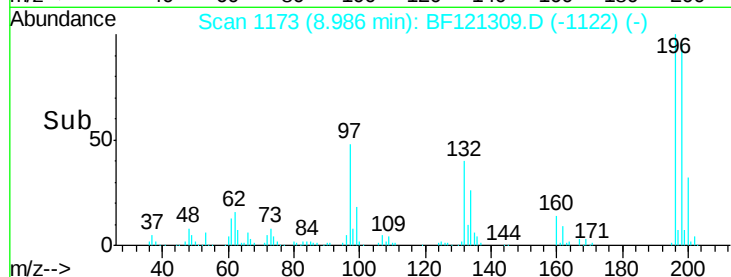
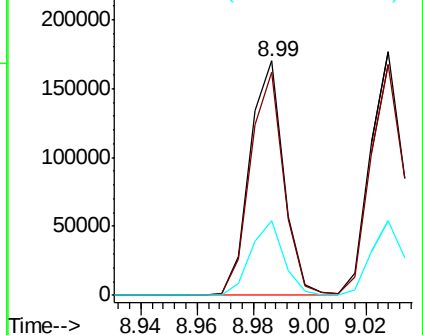
200 31.7 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.286 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Tgt Ion:196 Resp: 152913

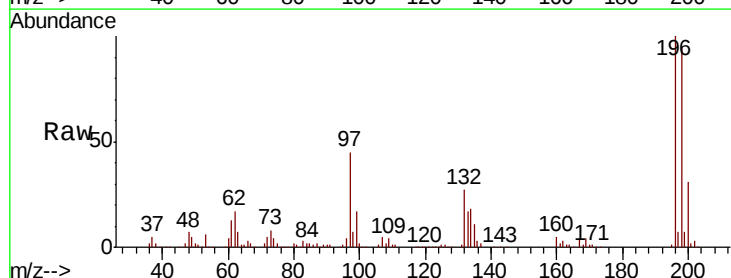
Ion Ratio Lower Upper

196 100

198 95.0 75.5 113.3

97 45.4 39.4 59.2

132 26.6 22.9 34.3

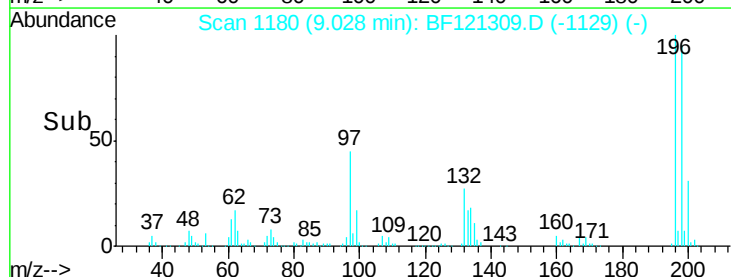
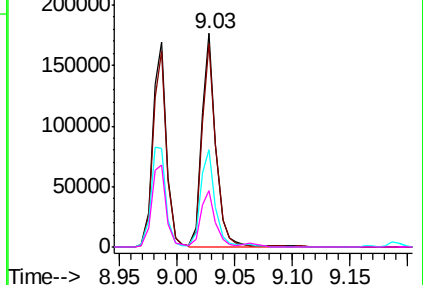


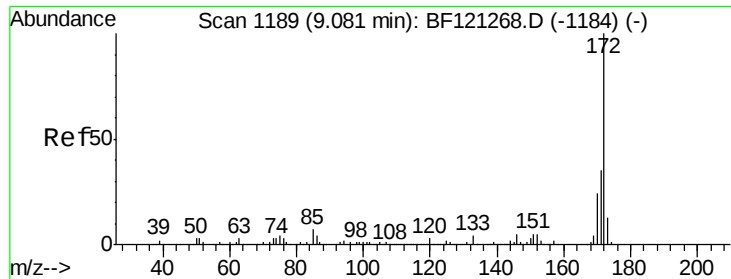
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

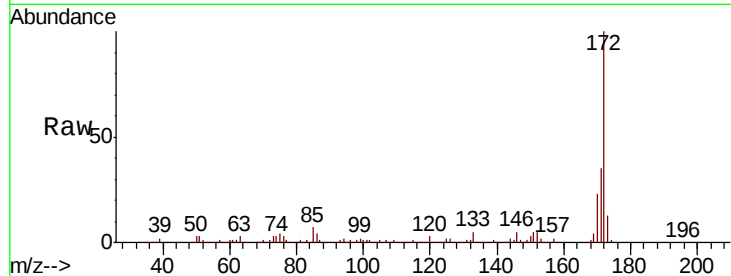




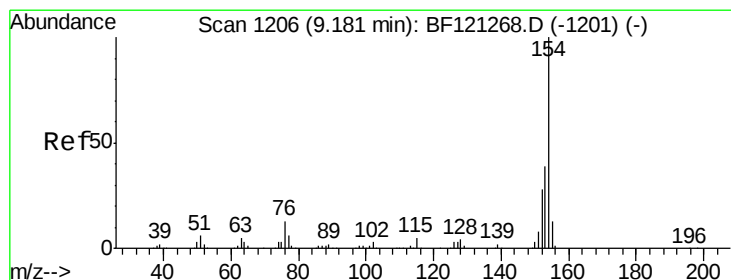
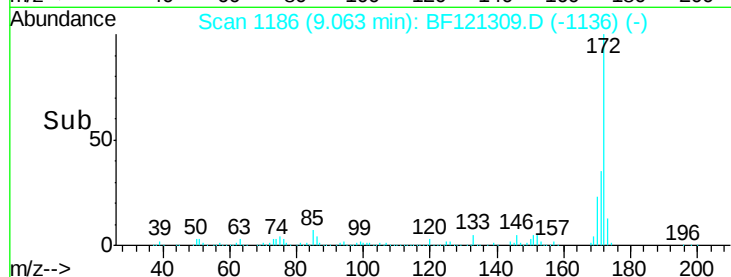
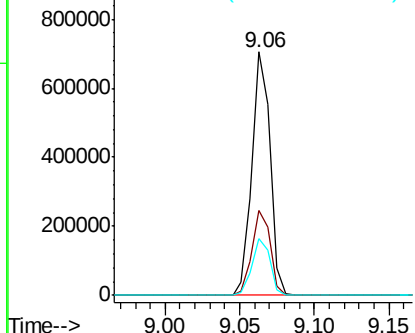
#45
2-Fluorobiphenyl
Concen: 48.157 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.8	43.2
170	23.4	19.3	28.9

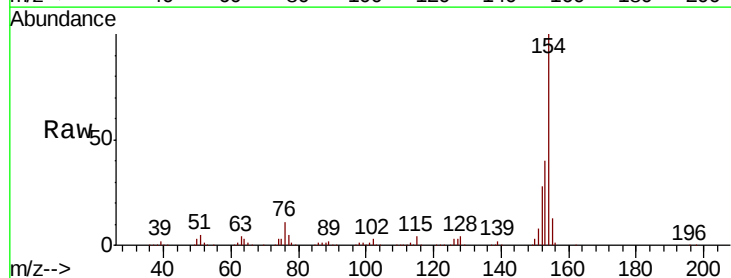


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

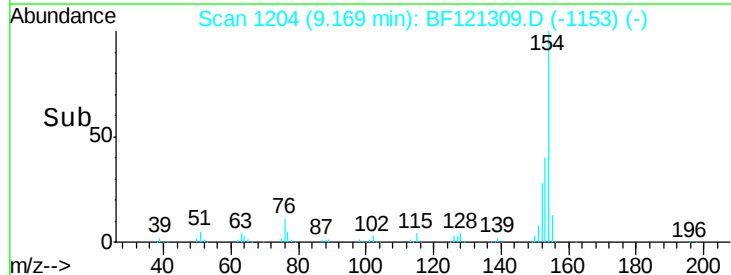
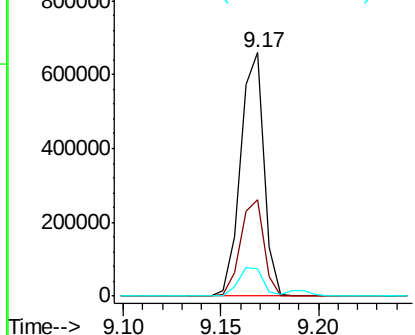


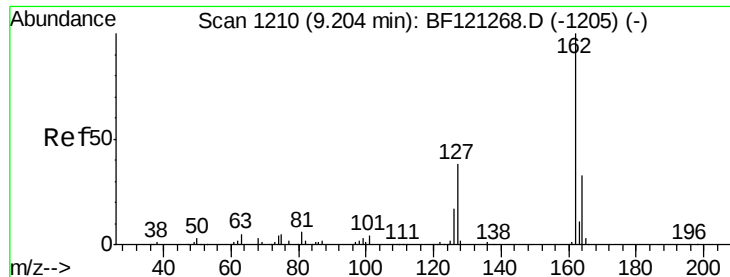
#46
1,1'-Biphenyl
Concen: 37.710 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.5	60.5
76	11.4	0.0	31.9



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: 37.316 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

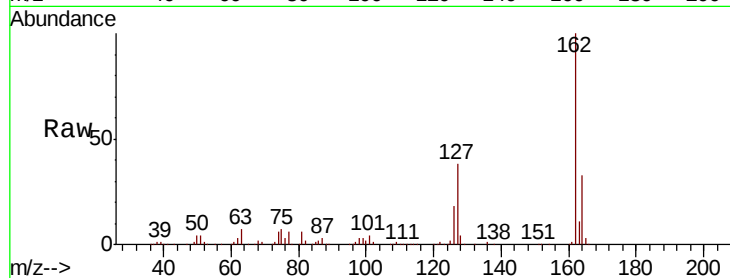
Tot Ion:162 Resp: 417392

Ion Ratio Lower Upper

162 100

127 38.2 31.4 47.2

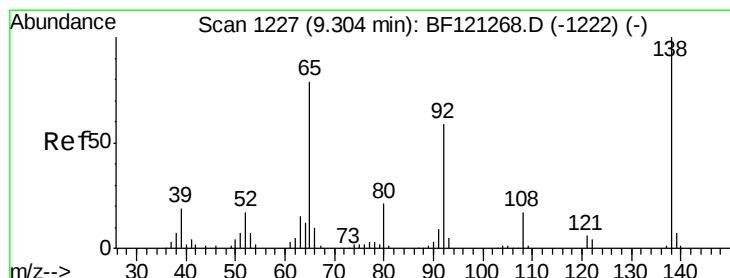
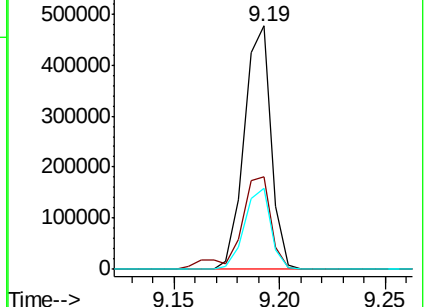
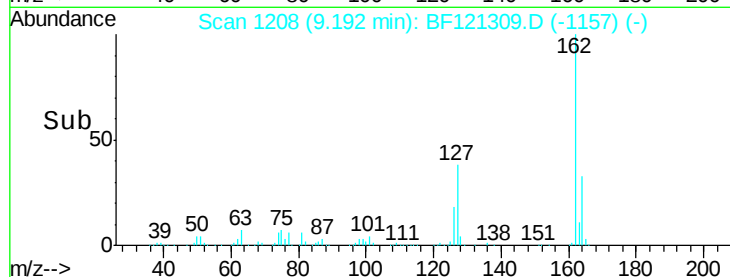
164 33.2 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.862 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

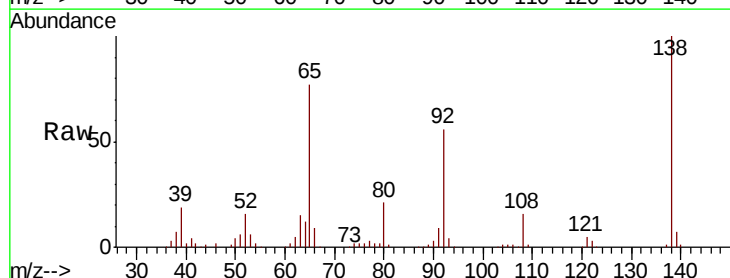
Tgt Ion: 65 Resp: 128470

Ion Ratio Lower Upper

65 100

92 73.2 58.2 87.2

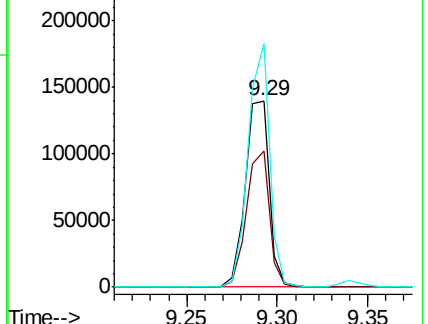
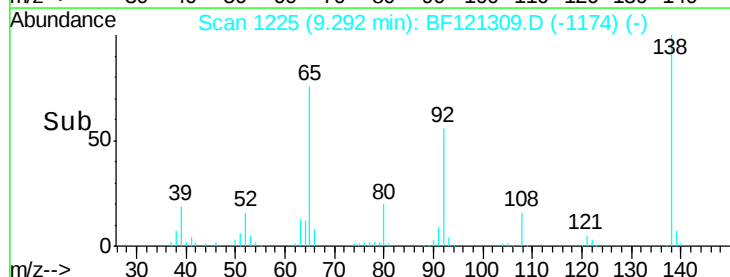
138 130.6 97.5 146.3

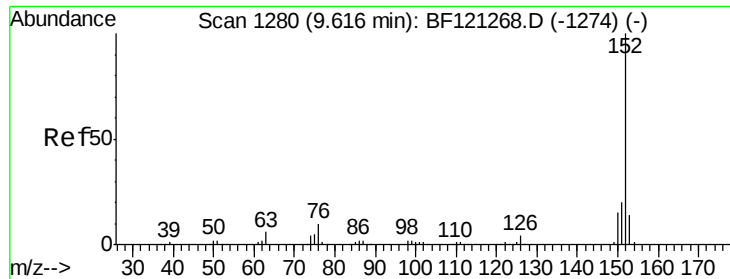


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.053 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

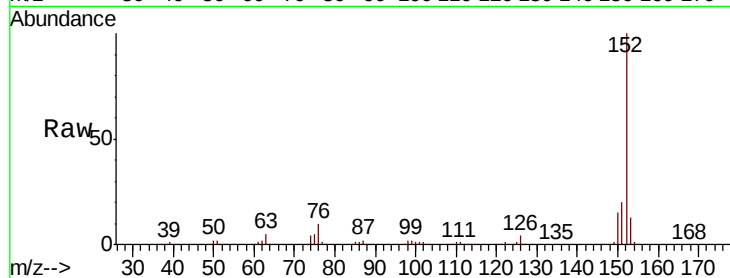
Tot Ion:152 Resp: 676020

Ion Ratio Lower Upper

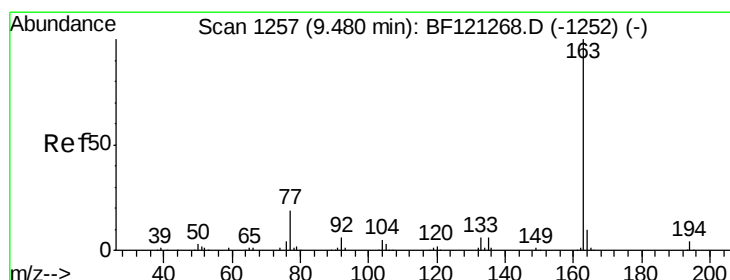
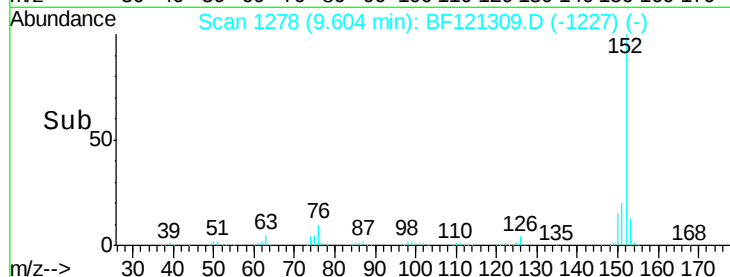
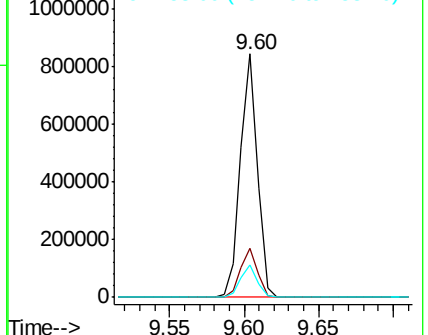
152 100

151 20.3 16.2 24.4

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: 48.623 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

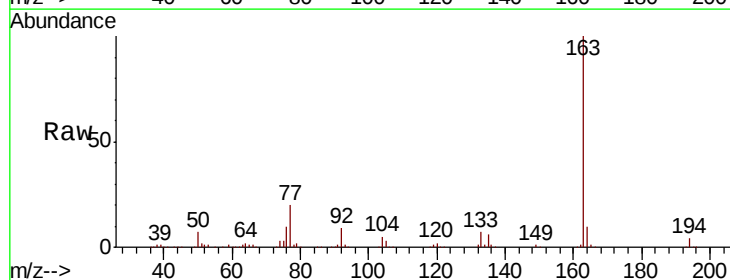
Tgt Ion:163 Resp: 615283

Ion Ratio Lower Upper

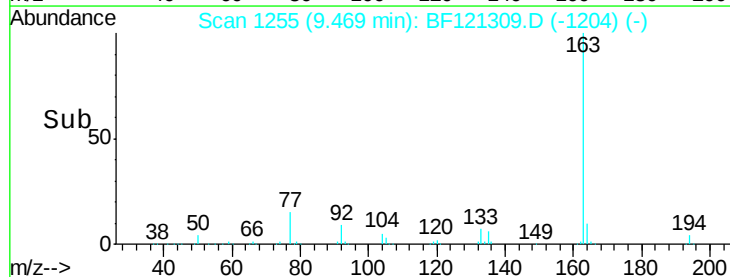
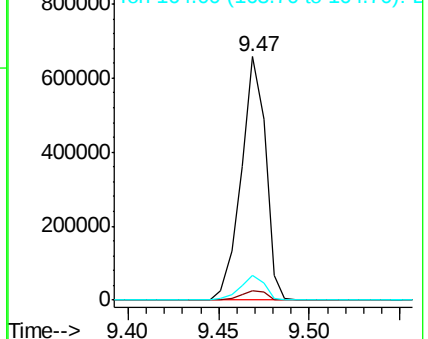
163 100

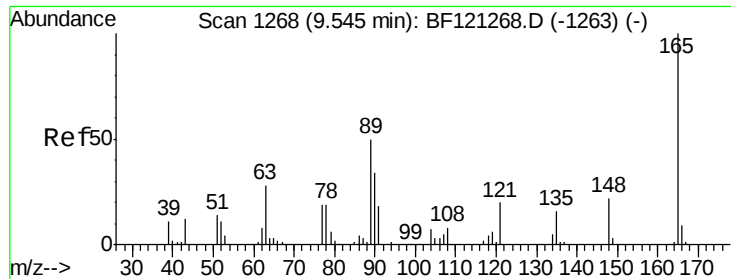
194 3.8 2.9 4.3

164 10.3 8.4 12.6



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

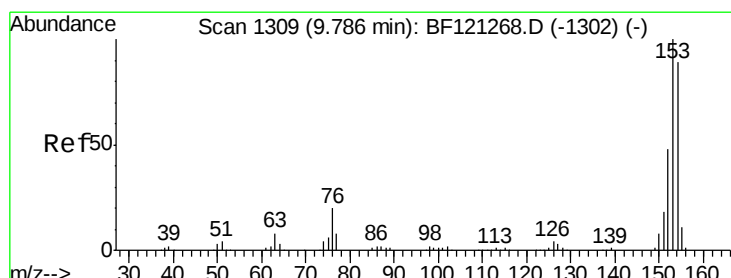
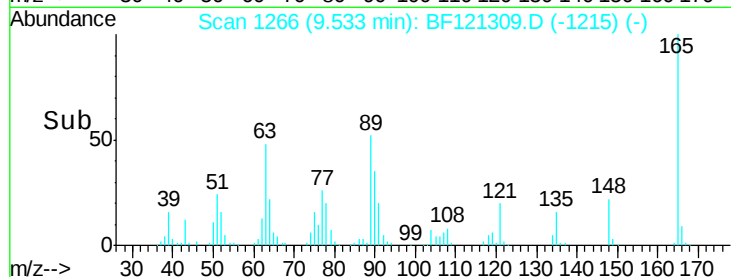
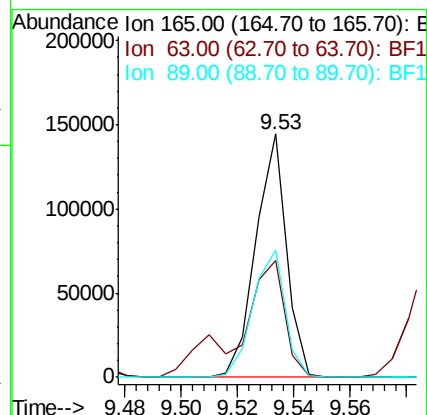
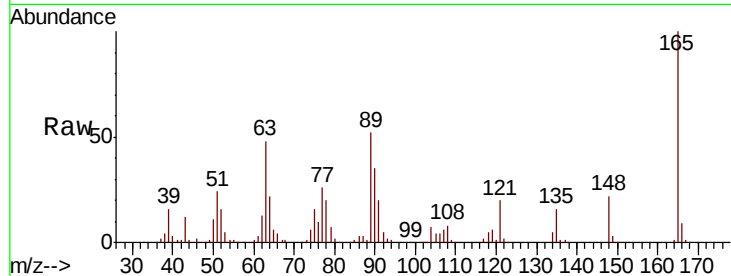




#51
 2,6-Dinitrotoluene
 Concen: 38.720 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

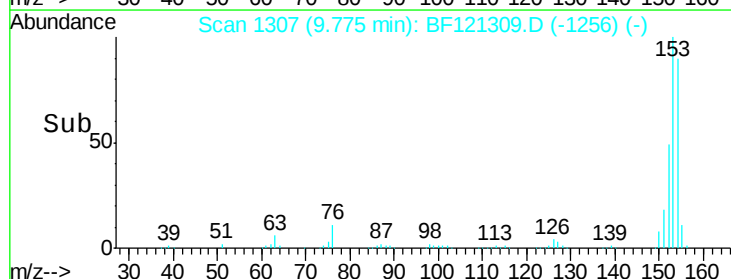
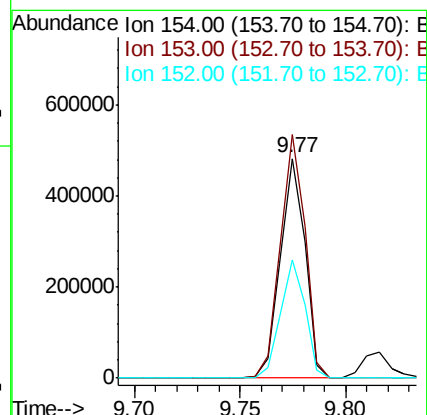
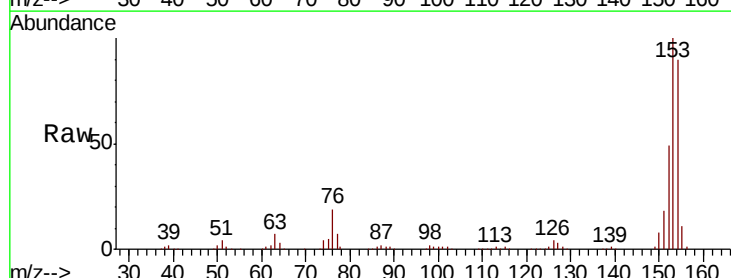
Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MS

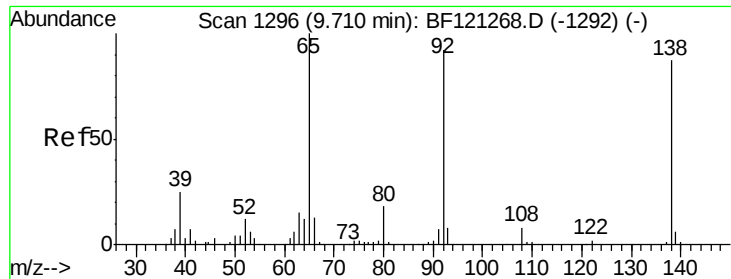
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	42.0	63.0
89	52.0	44.7	67.1



#52
 Acenaphthene
 Concen: 37.192 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	88.0	132.0
152	53.9	43.0	64.4

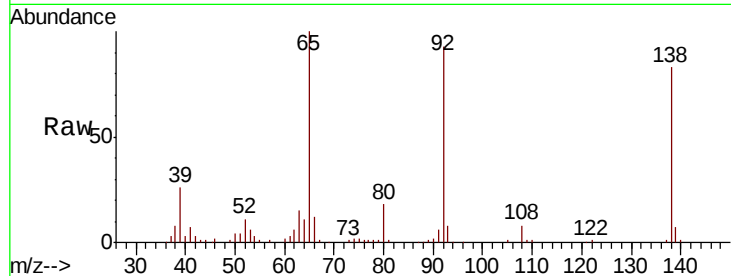




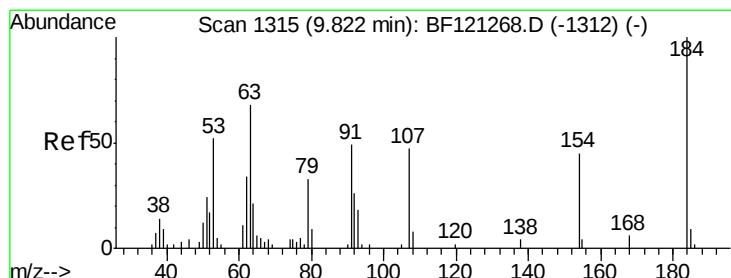
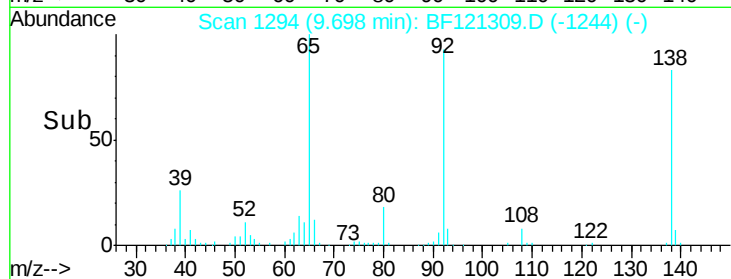
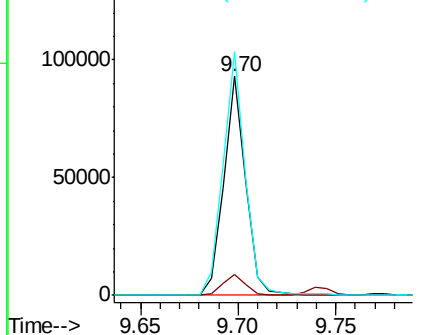
#53
 3-Nitroaniline
 Concen: 22.438 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MS

Tot Ion:138 Resp: 72267
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.6 11.4
 92 111.1 82.6 123.8

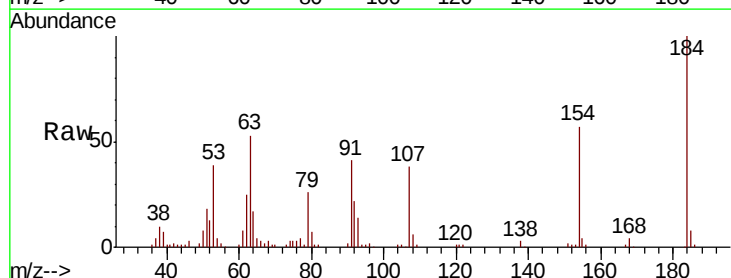


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

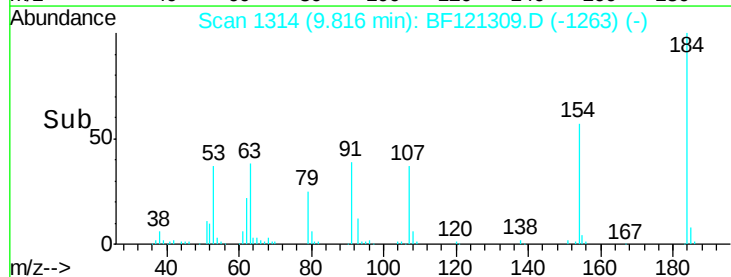
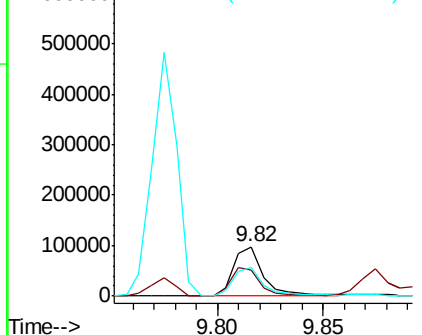


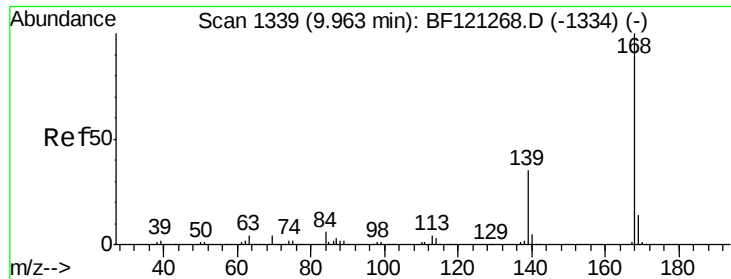
#54
 2,4-Dinitrophenol
 Concen: 66.739 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion:184 Resp: 96115
 Ion Ratio Lower Upper
 184 100
 63 52.8 45.3 67.9
 154 57.2 46.4 69.6



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

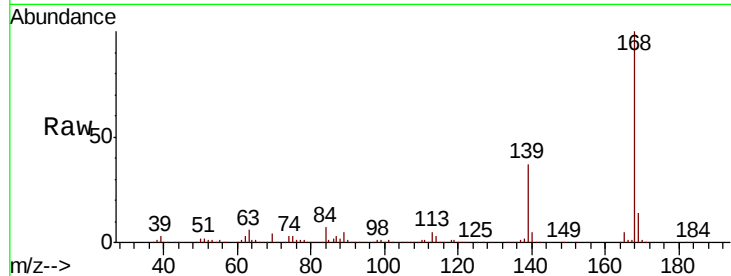




#55
Dibenzofuran
Concen: 35.974 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	27.9	41.9
169	13.8	10.5	15.7

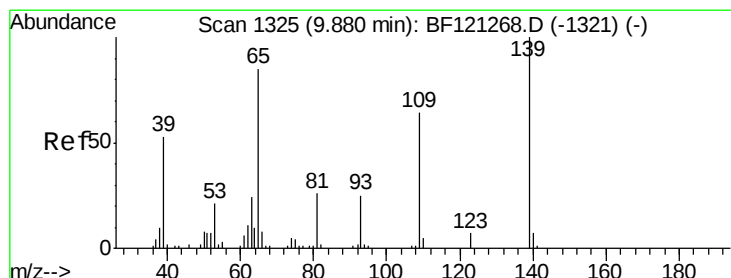
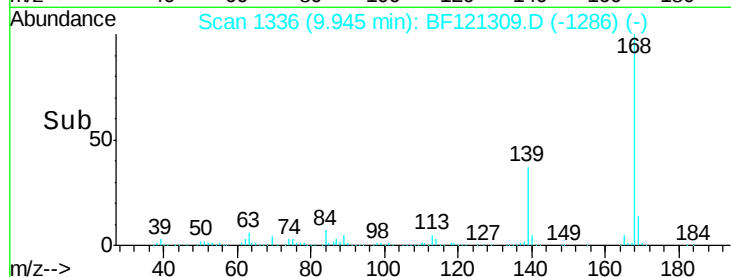
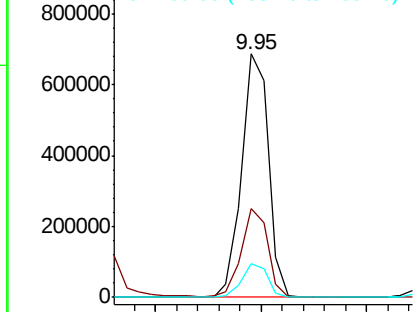


Abundance

Ion 168.00 (167.70 to 168.70): E

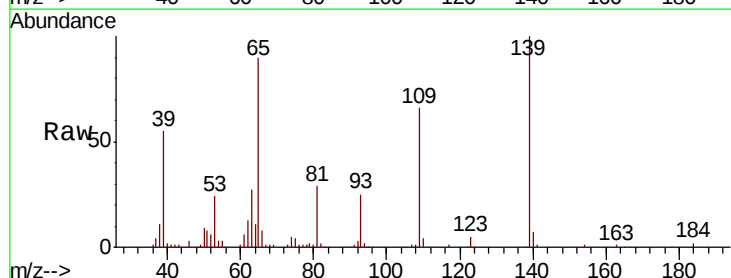
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 87.538 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	44.3	84.3
65	89.8	62.4	102.4

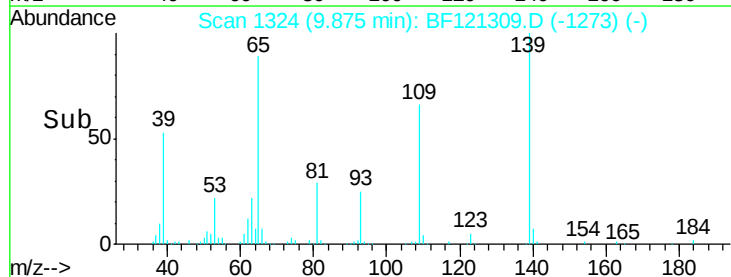
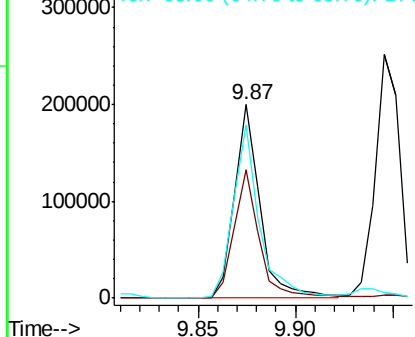


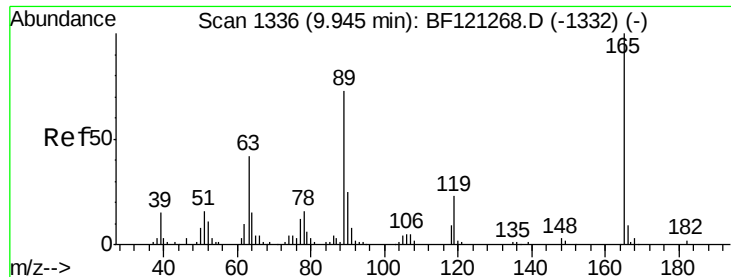
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

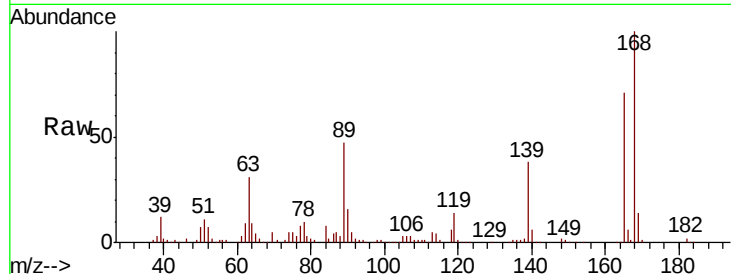




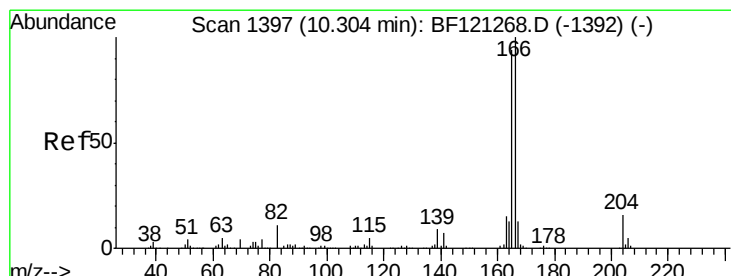
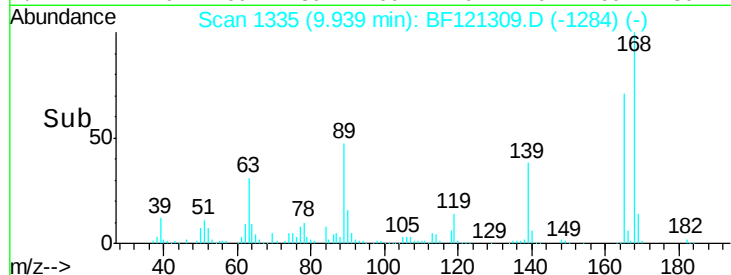
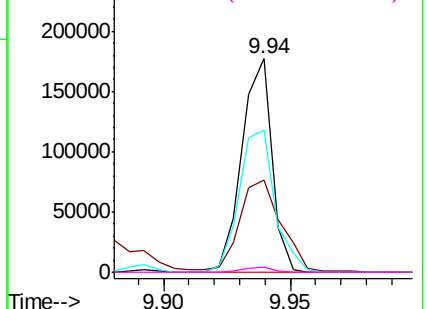
#57
 2,4-Dinitrotoluene
 Concen: 39.673 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MS

Tot Ion:165	Resp:	146863
Ion Ratio	Lower	Upper
165	100	
63	43.1	31.7 47.5
89	66.3	52.8 79.2
182	2.4	2.1 3.1

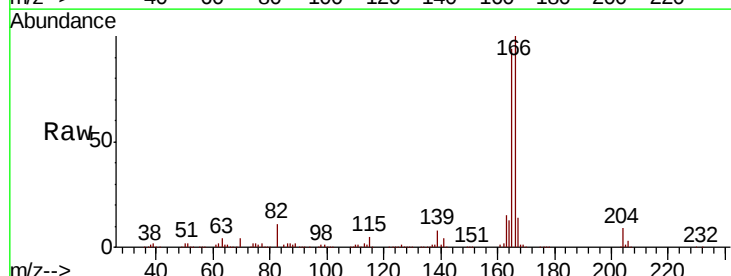


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

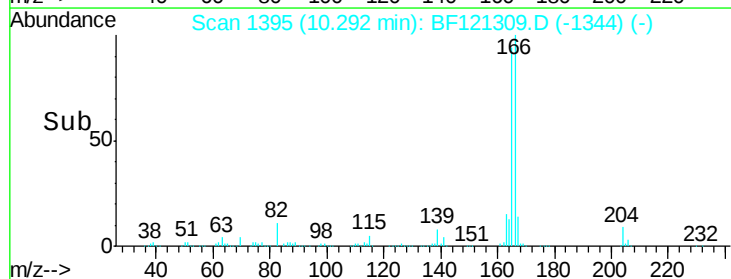
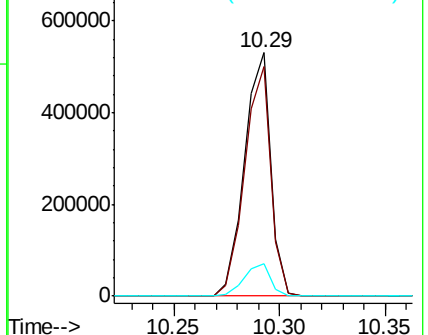


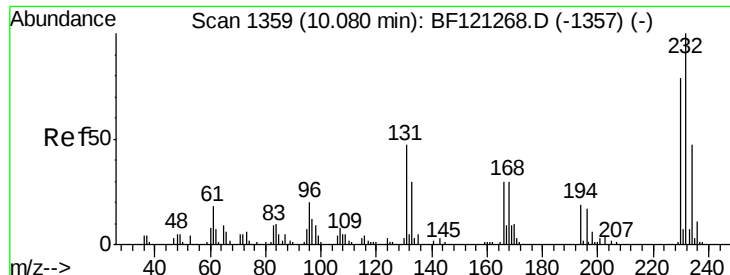
#58
 Fluorene
 Concen: 36.119 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion:166	Resp:	457963
Ion Ratio	Lower	Upper
166	100	
165	94.2	74.5 111.7
167	13.6	10.7 16.1



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: 42.373 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion:232 Resp: 130403

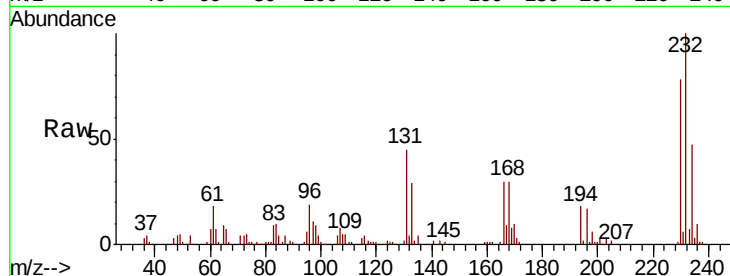
Ion Ratio Lower Upper

232 100

131 41.5 33.6 50.4

130 1.9 1.4 2.2

166 29.1 22.9 34.3

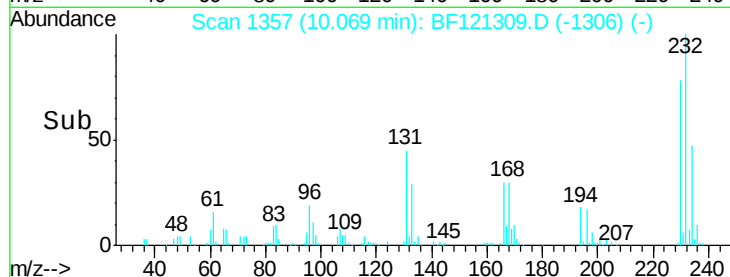


Abundance Ion 232.00 (231.70 to 232.70): E

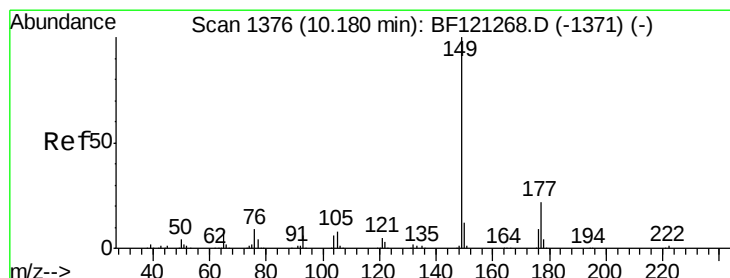
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 38.787 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

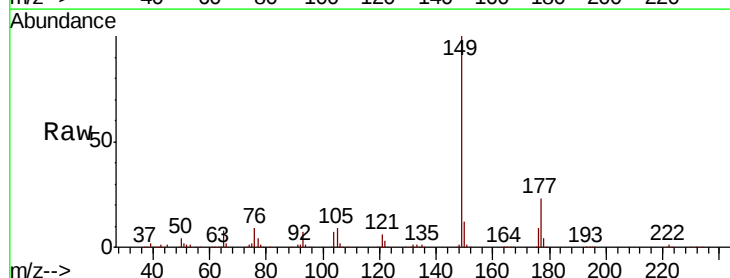
Tgt Ion:149 Resp: 499107

Ion Ratio Lower Upper

149 100

177 22.7 17.3 25.9

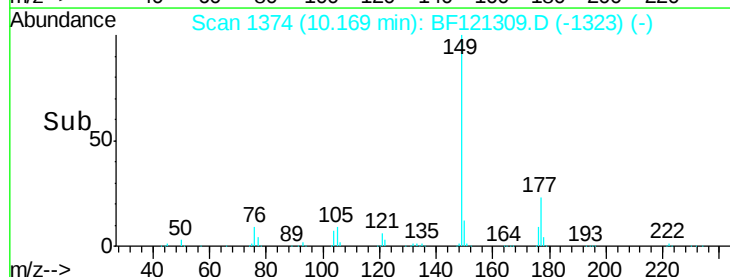
150 12.3 10.1 15.1



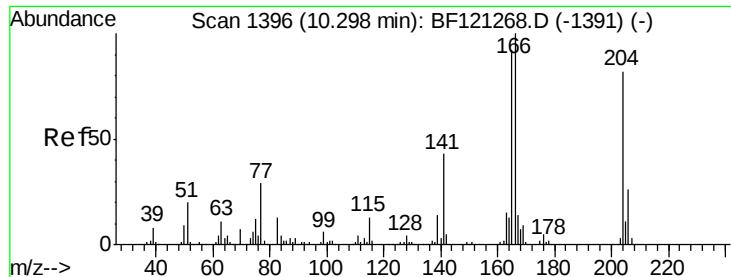
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



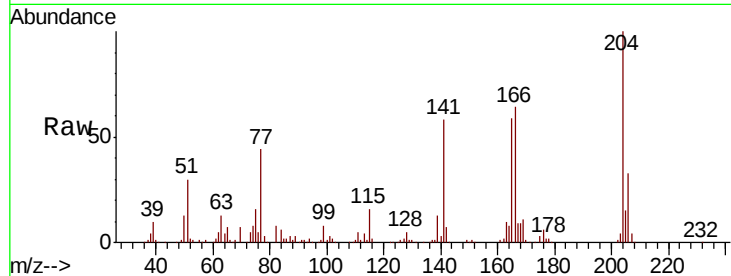
Time-->



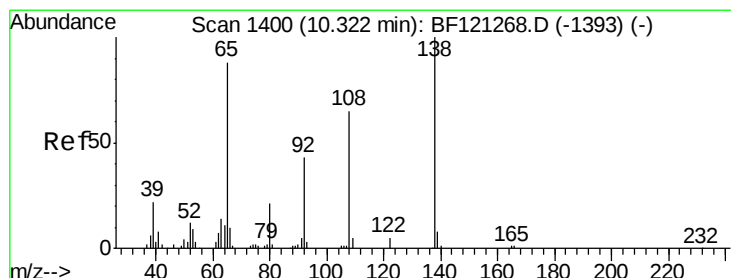
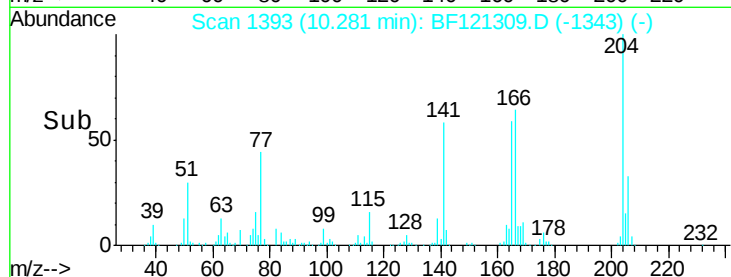
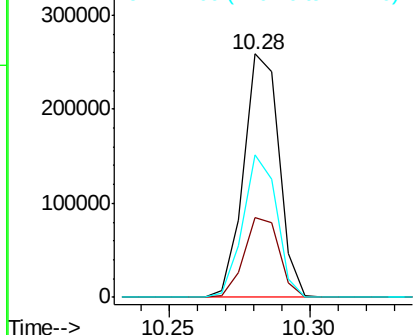
#61
4-Chlorophenyl-phenylether
Concen: 36.452 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MS

Tot Ion:204 Resp: 224793
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 58.5 41.7 62.5

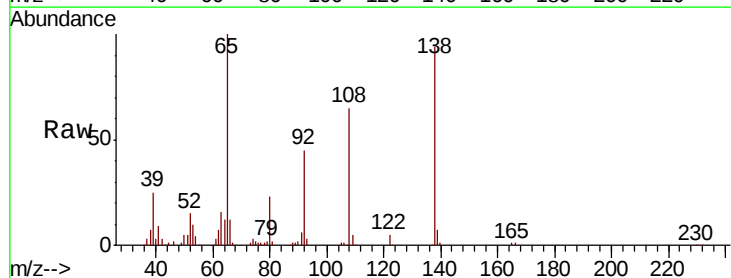


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

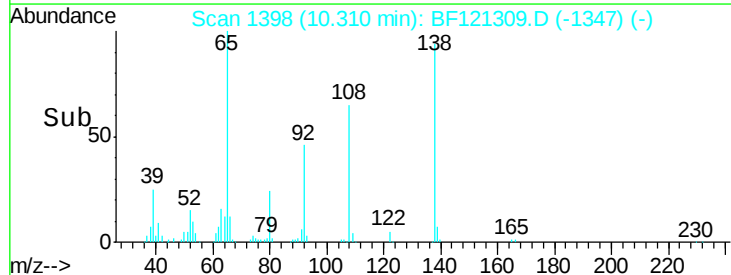
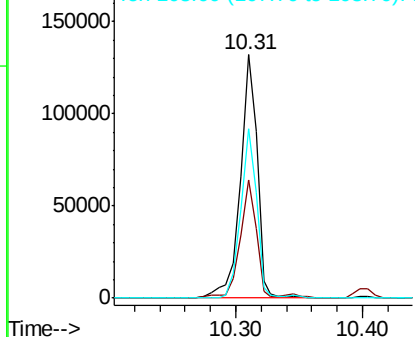


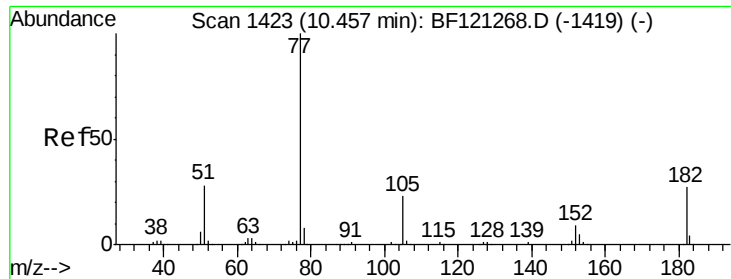
#62
4-Nitroaniline
Concen: 37.286 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion:138 Resp: 120402
Ion Ratio Lower Upper
138 100
92 48.6 28.2 68.2
108 69.5 50.0 90.0



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

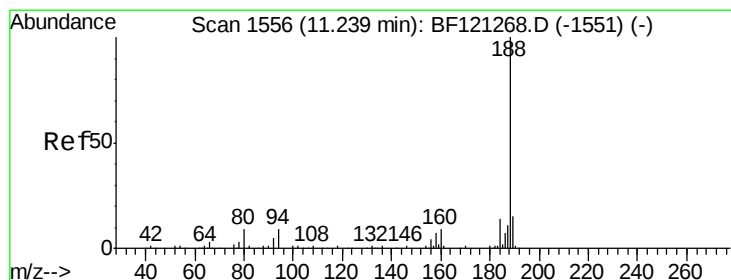
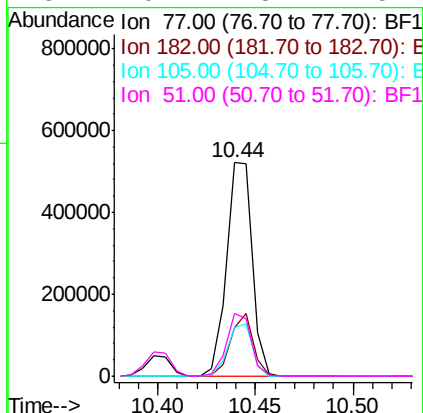
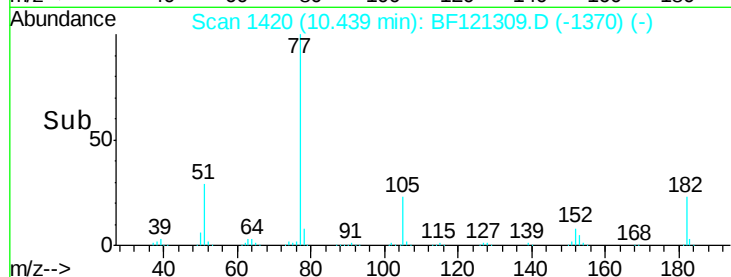
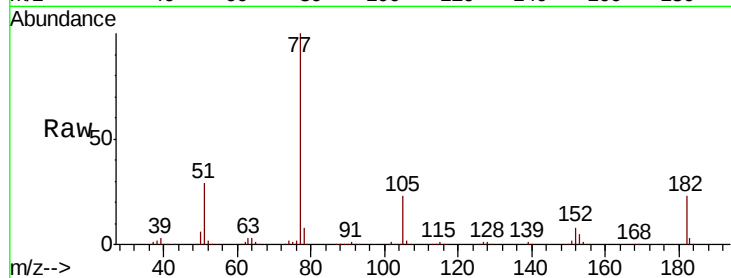




#63
Azobenzene
Concen: 36.815 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

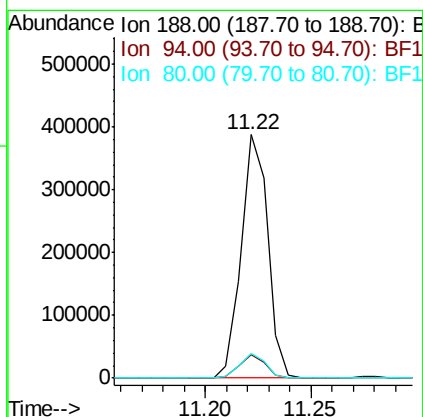
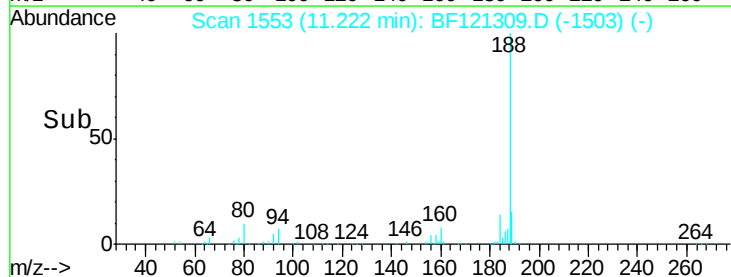
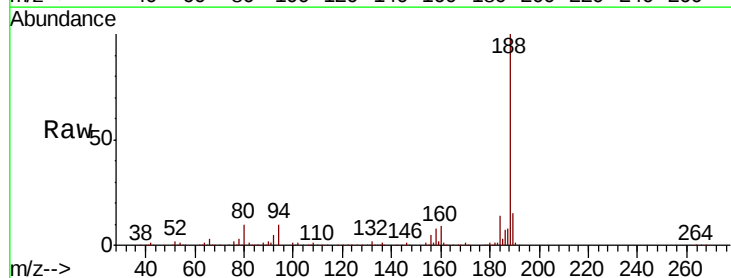
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MS

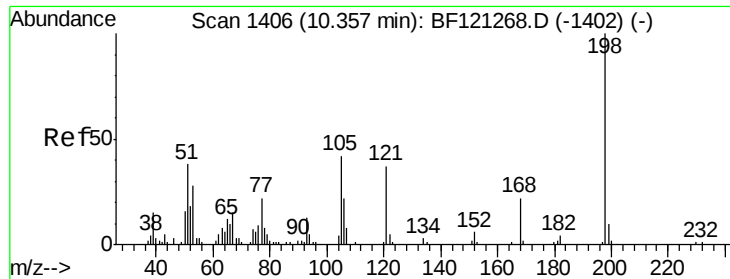
Tot Ion:	77	Resp:	473336
Ion	Ratio	Lower	Upper
77	100		
182	22.9	6.7	46.7
105	22.8	3.7	43.7
51	29.2	8.1	48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion:	188	Resp:	338094
Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.4	9.6#
80	10.4	7.0	10.4





#65

4,6-Dinitro-2-methylphenol

Concen: 36.525 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

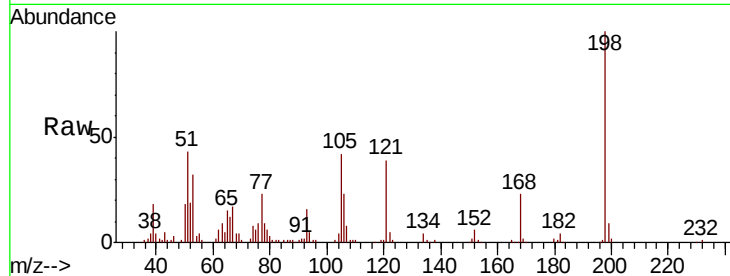
Tot Ion:198 Resp: 73116

Ion Ratio Lower Upper

198 100

51 42.7 29.1 69.1

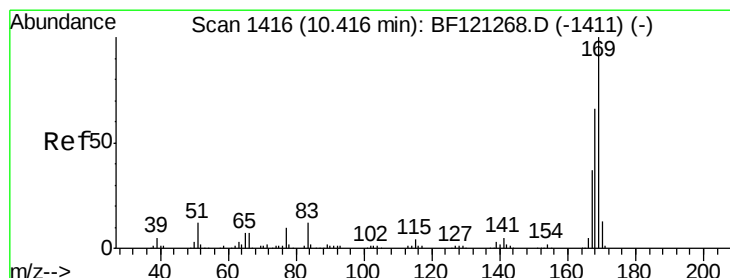
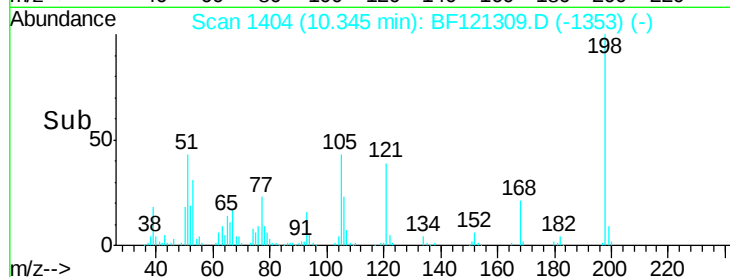
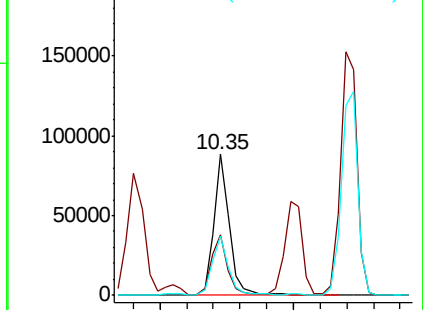
105 42.4 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.985 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

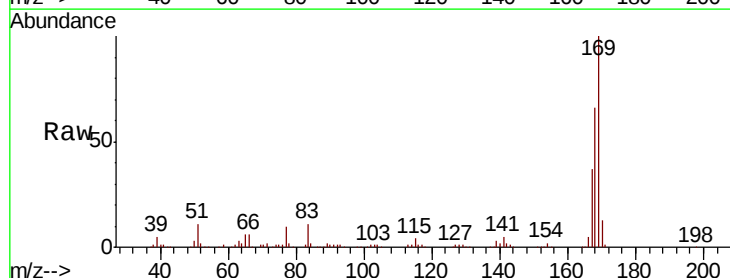
Tgt Ion:169 Resp: 428762

Ion Ratio Lower Upper

169 100

168 65.9 53.4 80.0

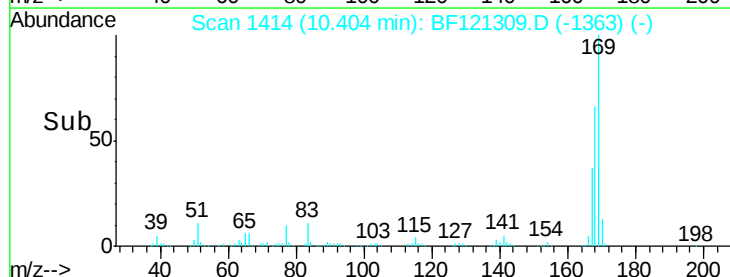
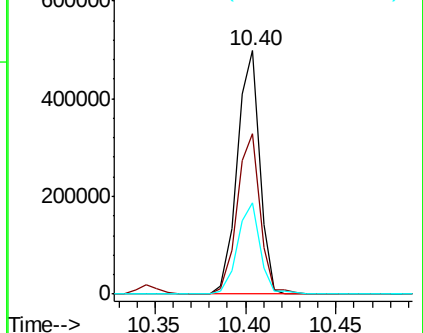
167 37.3 29.3 43.9

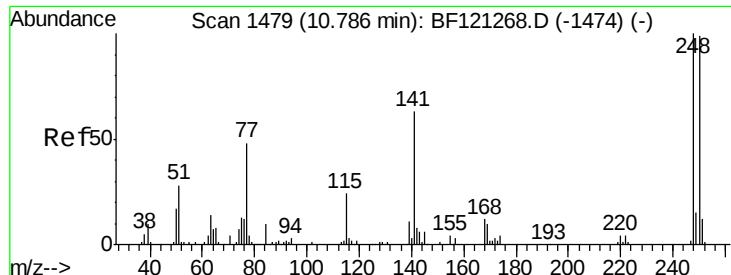


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

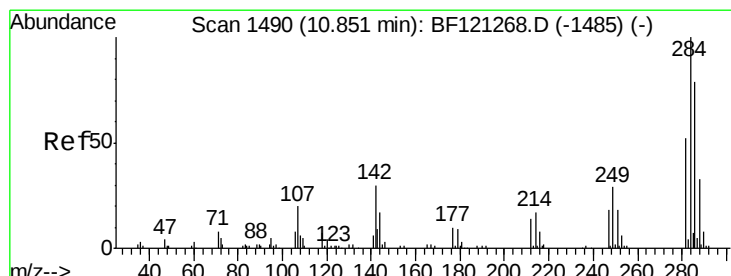
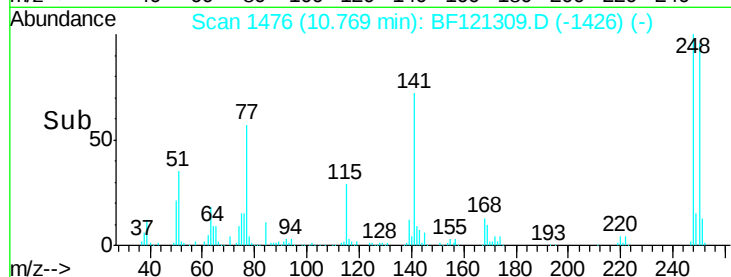
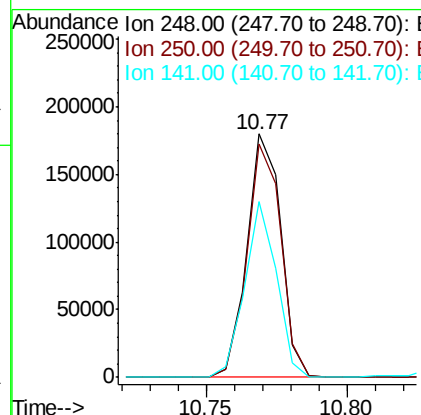
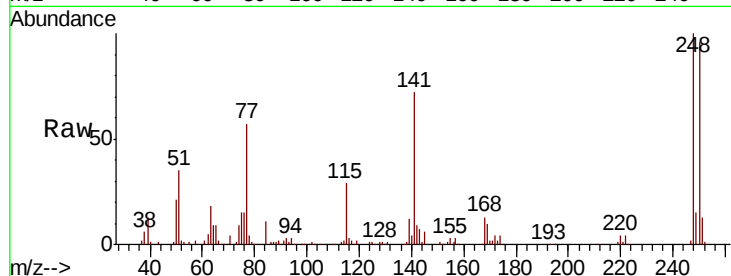




#67
 4-Bromophenyl-phenylether
 Concen: 37.983 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

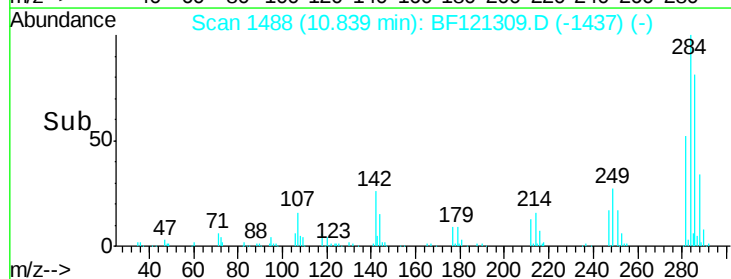
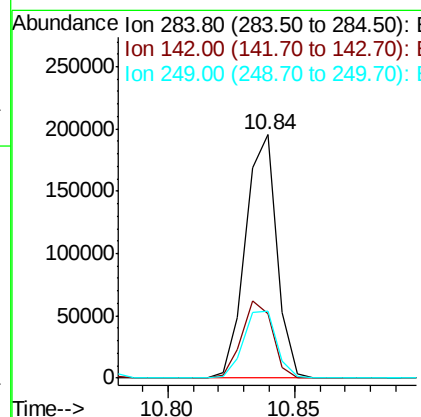
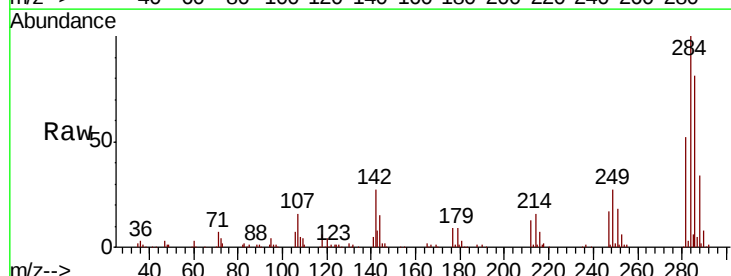
Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MS

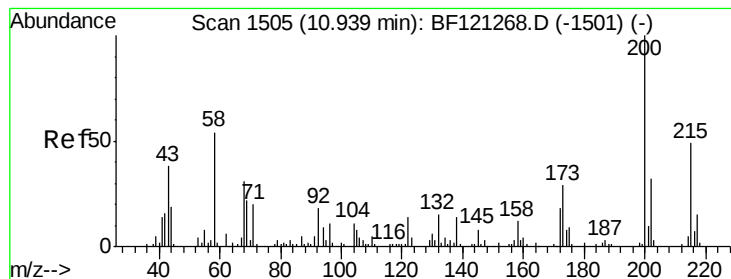
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.4	116.0
141	72.1	48.9	73.3



#68
 Hexachlorobenzene
 Concen: 37.169 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	24.6	36.8
249	27.4	23.2	34.8





#69

Atrazine

Concen: 35.105 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

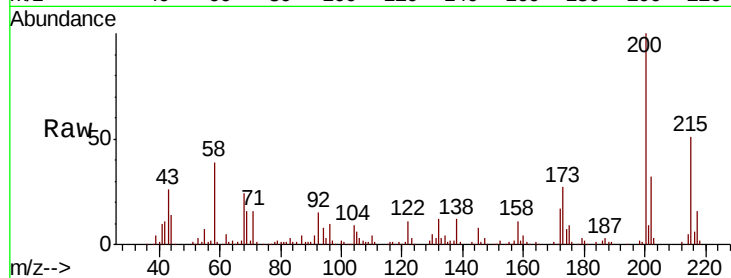
Tot Ion:200 Resp: 121730

Ion Ratio Lower Upper

200 100

173 26.9 7.4 47.4

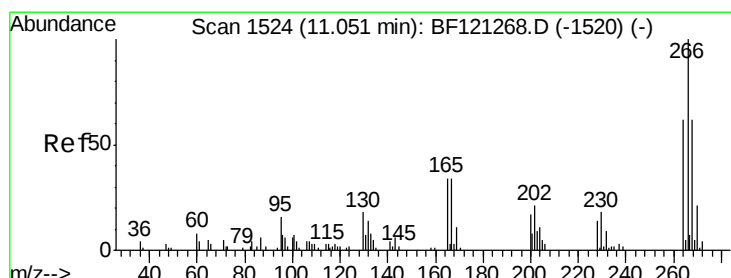
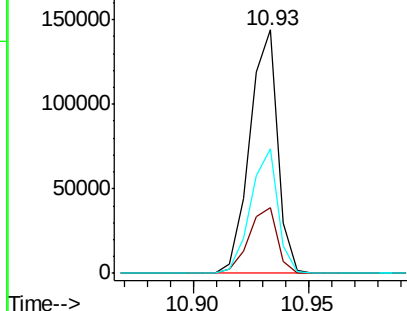
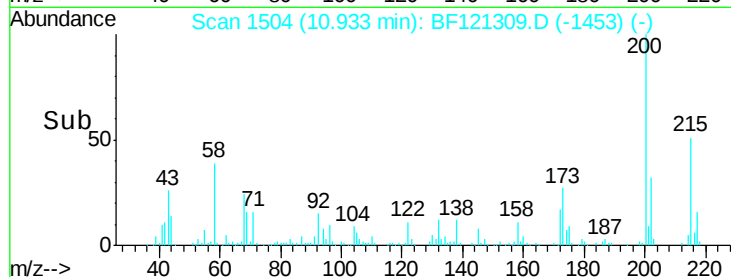
215 51.1 29.1 69.1



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: 88.395 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

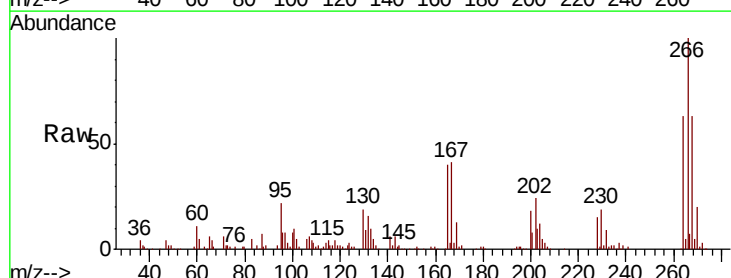
Tgt Ion:266 Resp: 178442

Ion Ratio Lower Upper

266 100

268 63.3 53.3 79.9

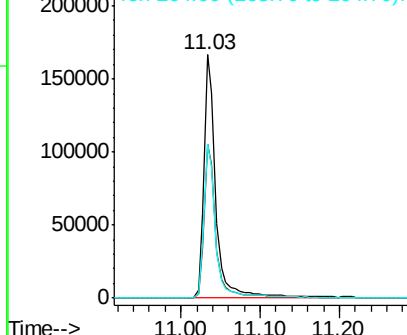
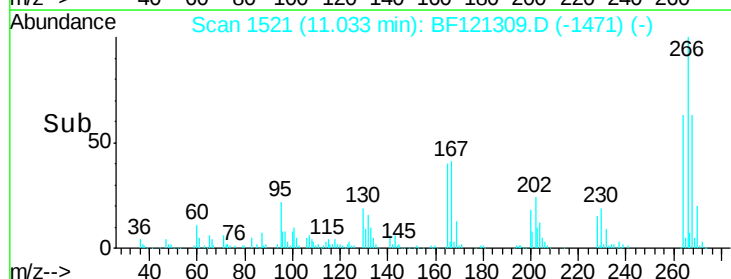
264 63.3 49.4 74.0

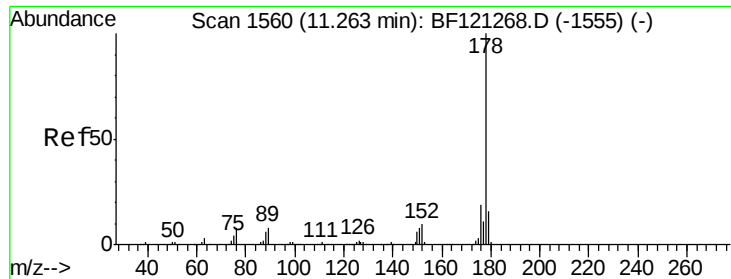


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

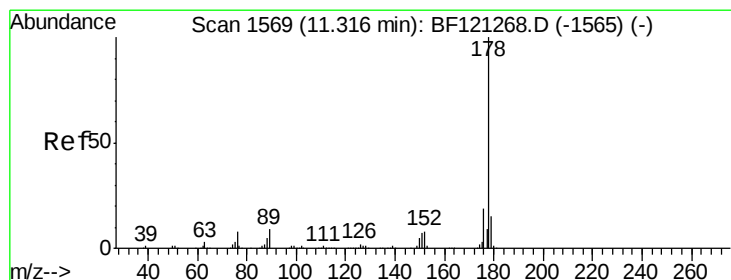
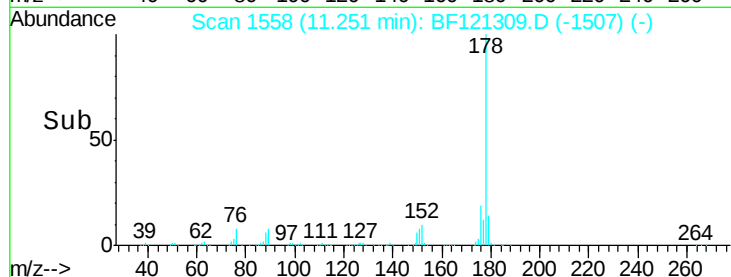
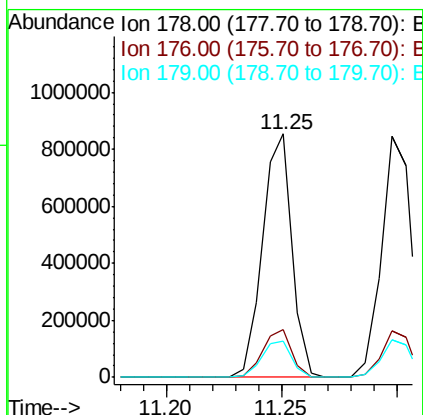
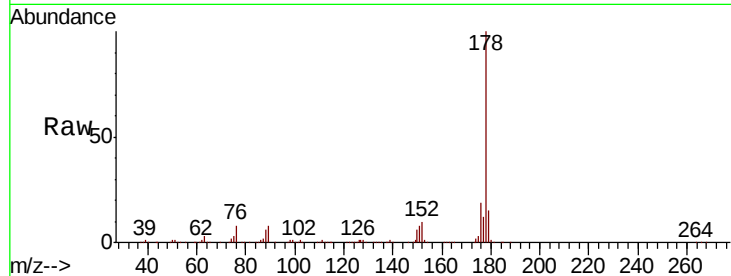




#71
Phenanthrene
Concen: 39.173 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

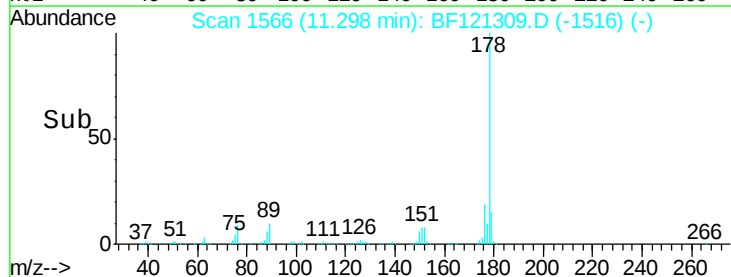
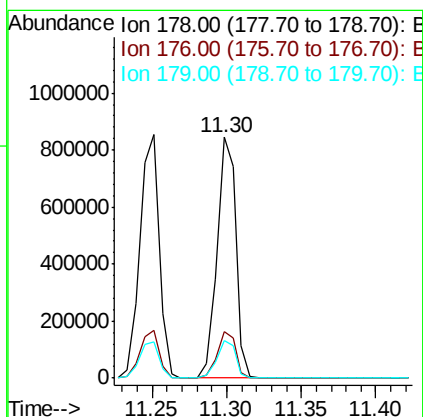
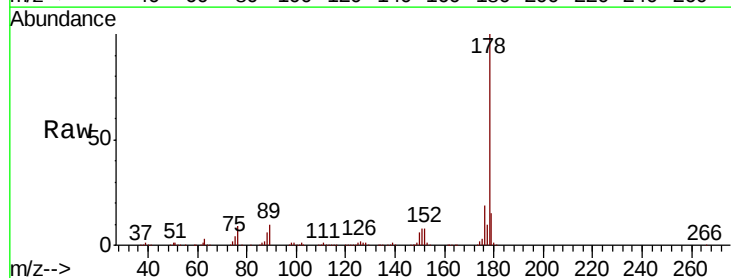
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MS

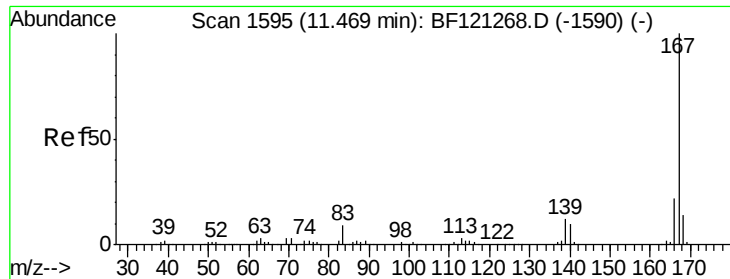
Tot Ion:178 Resp: 757692
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.0 12.3 18.5



#72
Anthracene
Concen: 38.595 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion:178 Resp: 749125
Ion Ratio Lower Upper
178 100
176 19.4 14.9 22.3
179 15.4 12.2 18.4

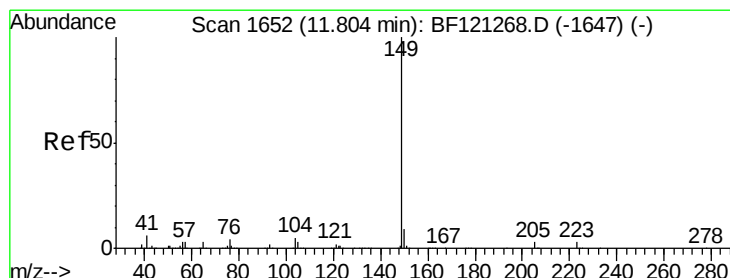
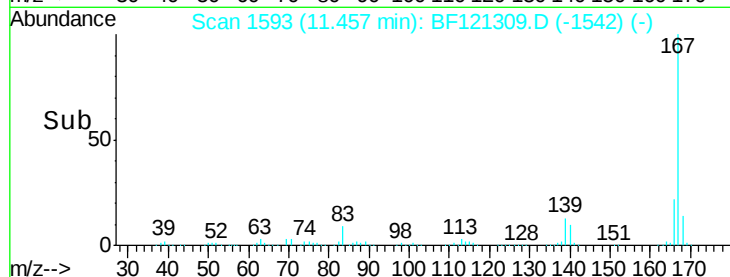
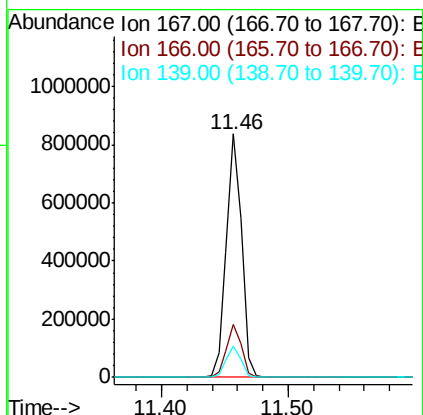
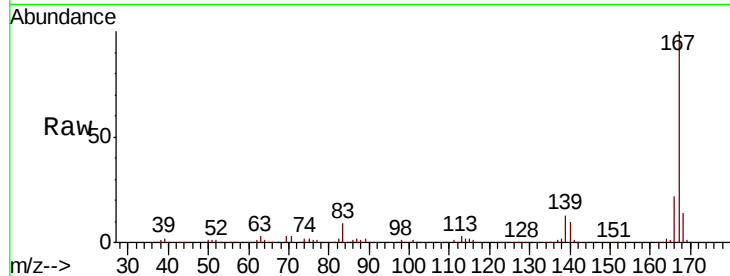




#73
 Carbazole
 Concen: 37.053 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

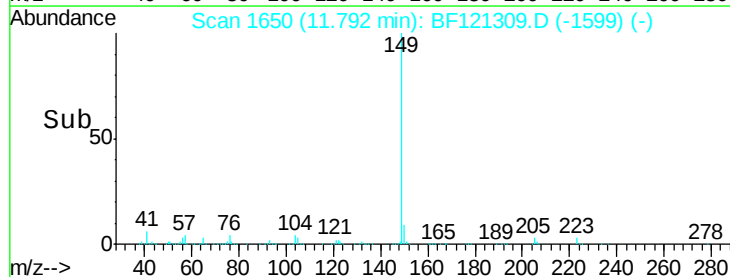
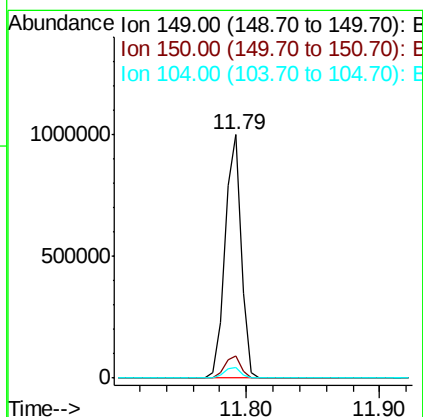
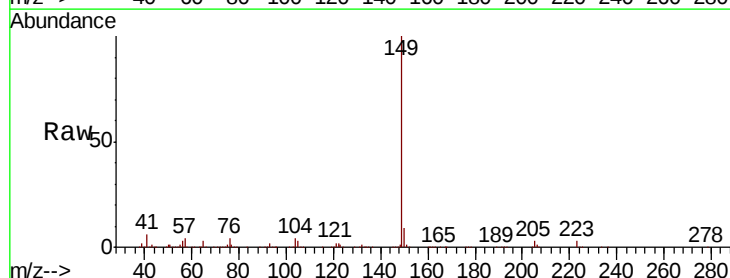
Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MS

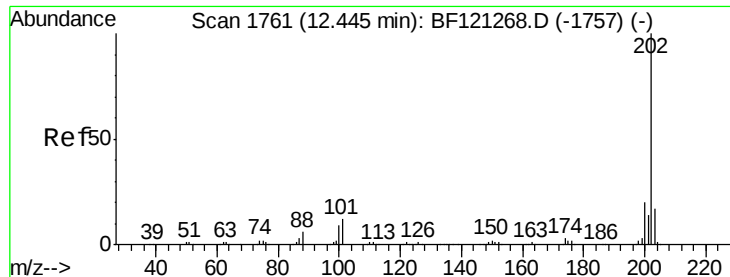
Tot Ion:167 Resp: 703370
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 12.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 39.792 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion:149 Resp: 852595
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 43.037 ng

RT: 12.43 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

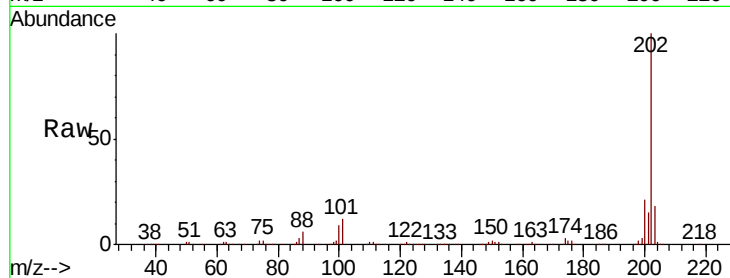
Tot Ion:202 Resp: 926903

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.2

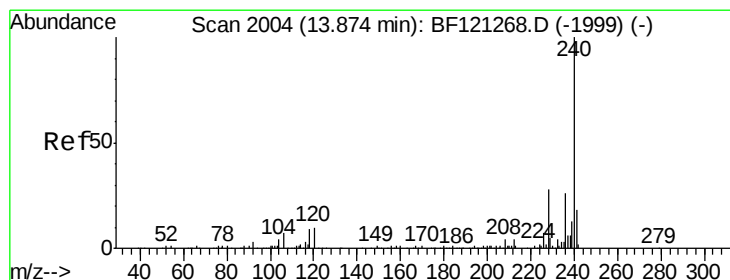
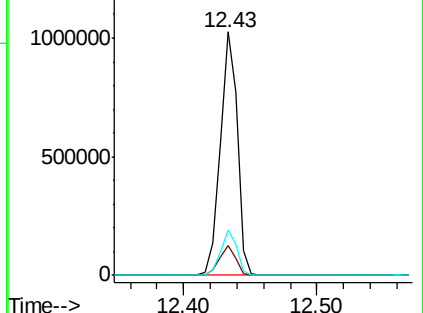
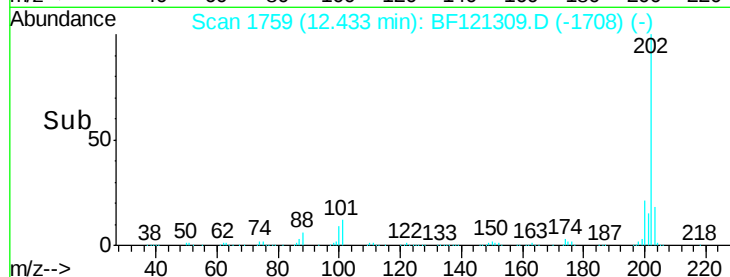
203 18.4 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

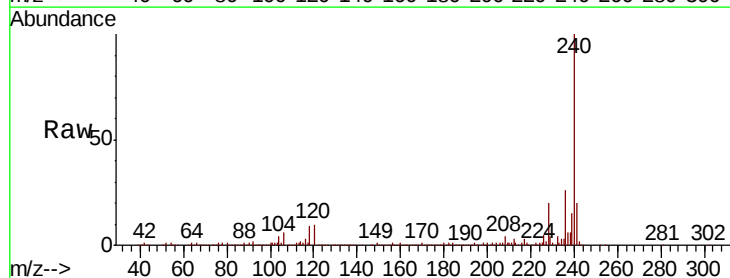
Tgt Ion:240 Resp: 292135

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

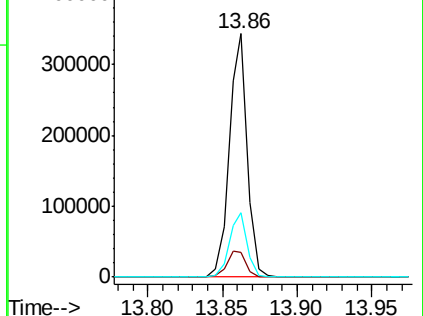
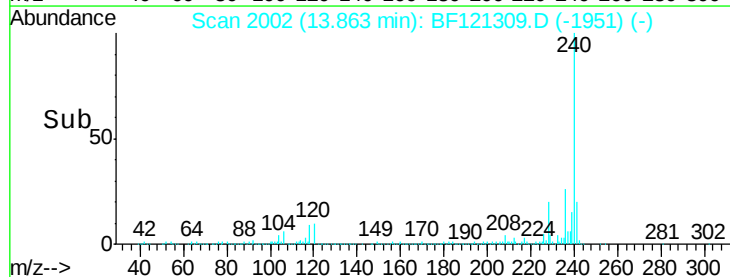
236 26.2 21.2 31.8

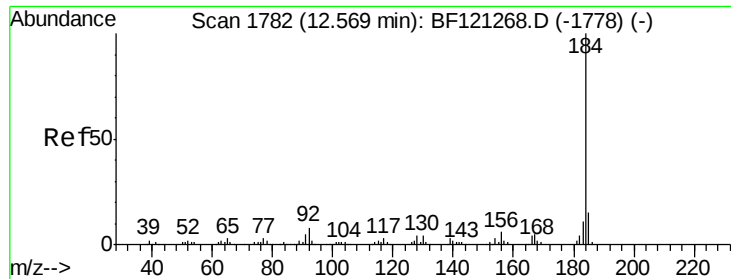


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.701 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

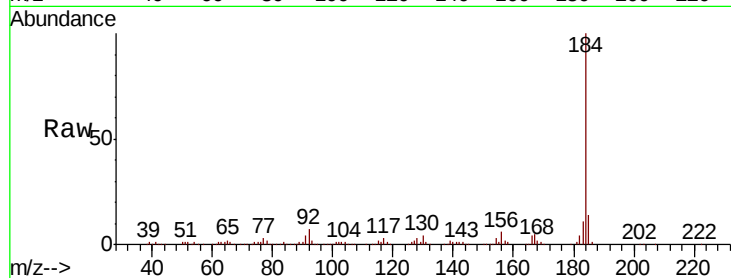
Tot Ion:184 Resp: 397056

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

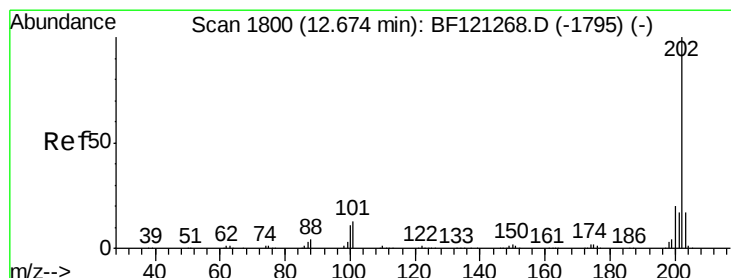
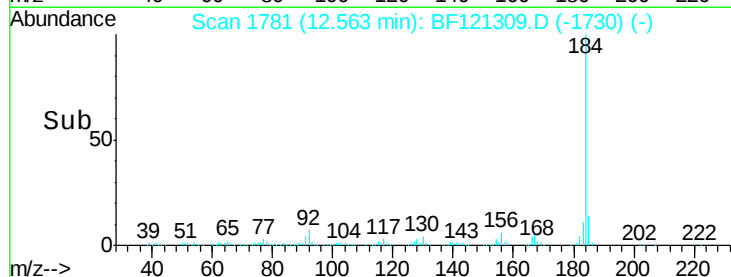
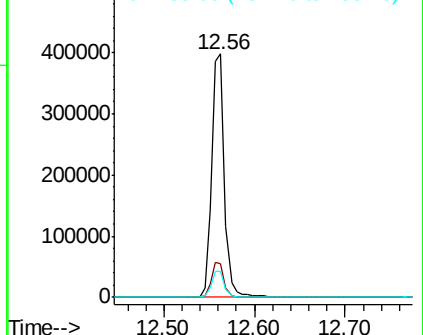
183 10.9 8.6 13.0



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: 42.651 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

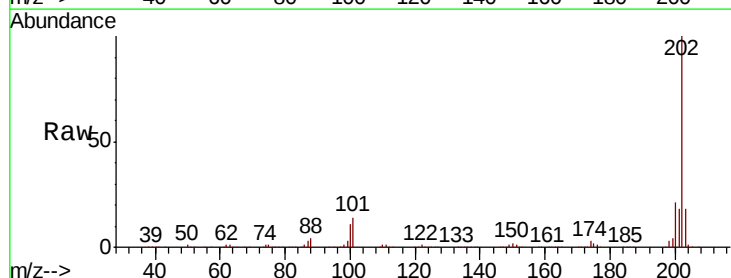
Tgt Ion:202 Resp: 927854

Ion Ratio Lower Upper

202 100

200 21.0 16.4 24.6

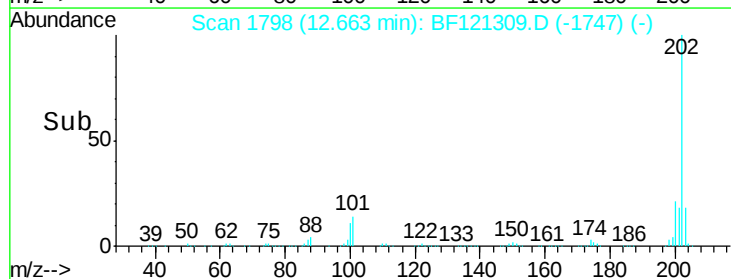
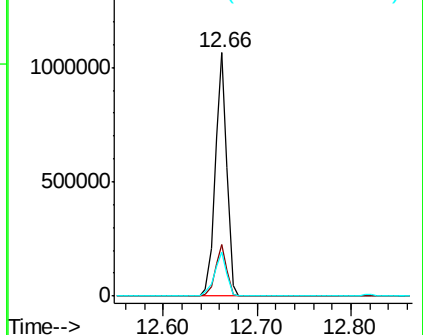
203 18.0 14.2 21.4

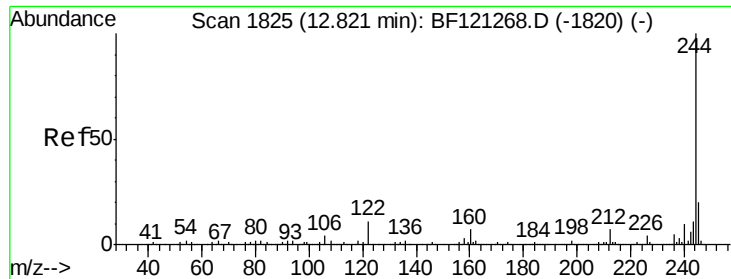


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

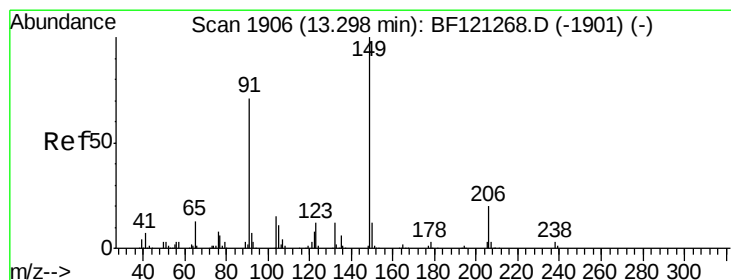
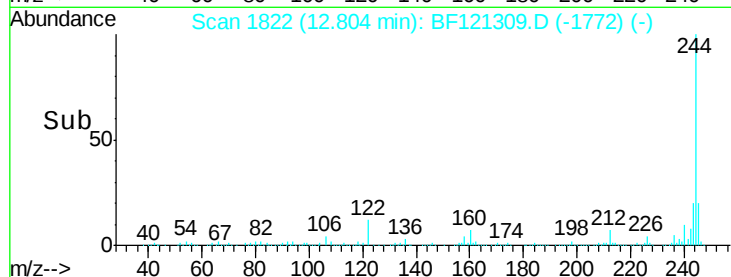
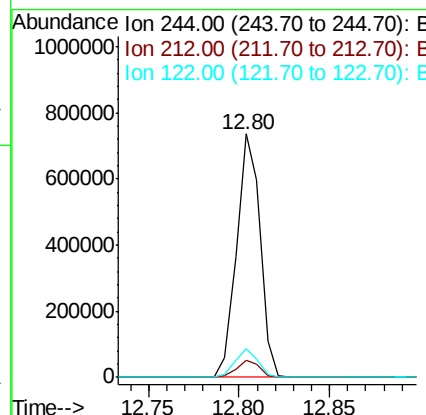
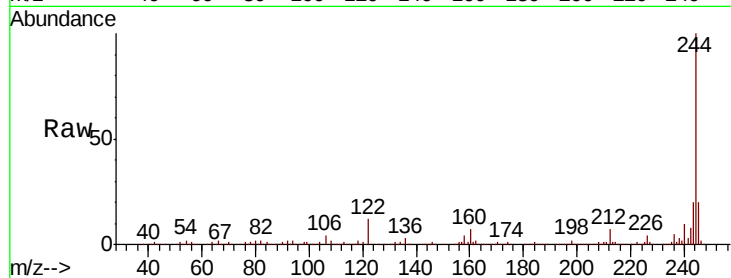




#79
 Terphenyl-d14
 Concen: 44.299 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

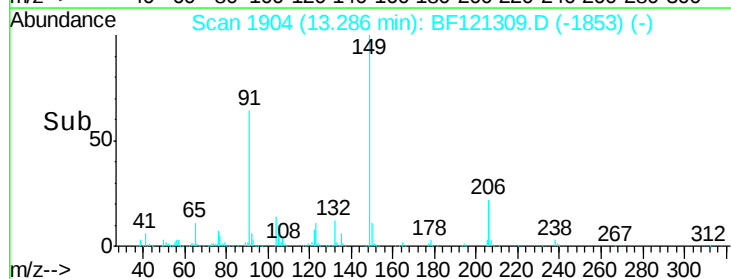
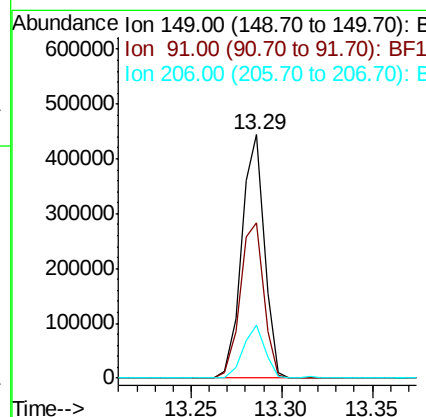
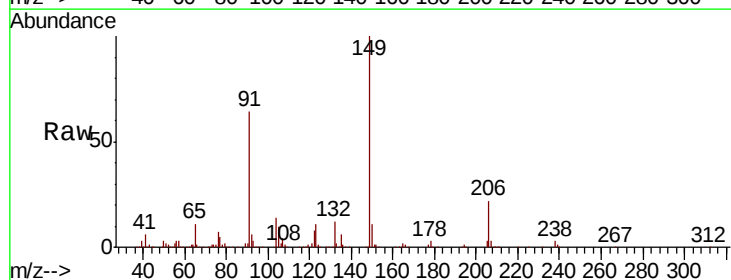
Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MS

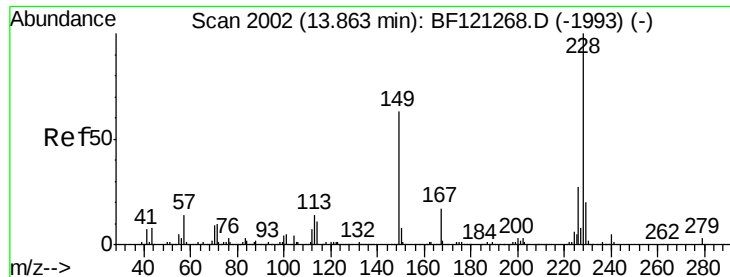
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.9	9.0	13.6



#80
 Butylbenzylphthalate
 Concen: 43.471 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.0	53.0	79.4
206	21.7	16.7	25.1





#81

Benzo(a)anthracene

Concen: 39.107 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

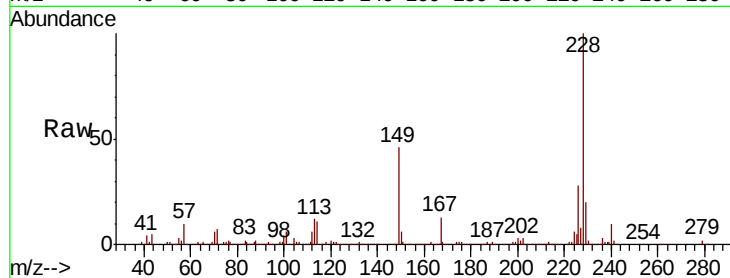
Tot Ion:228 Resp: 774876

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

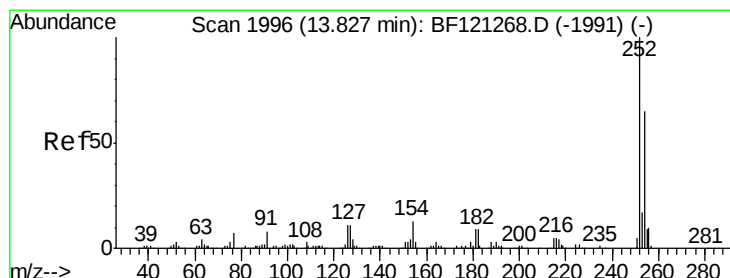
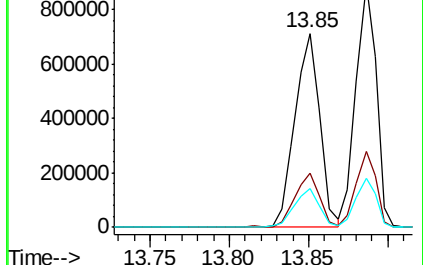
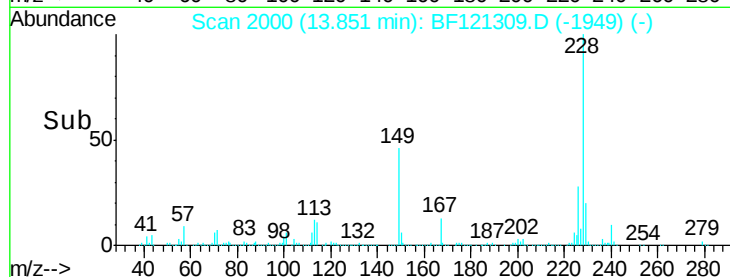
229 20.2 15.8 23.6



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: 30.519 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

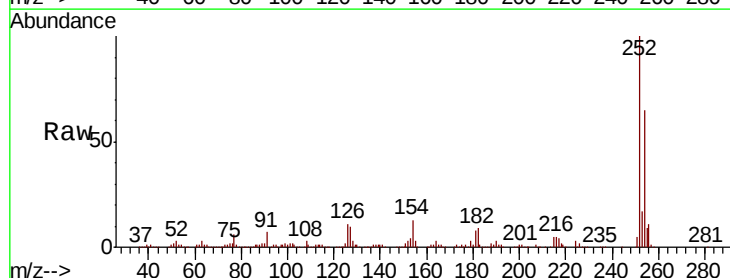
Tgt Ion:252 Resp: 239919

Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.2

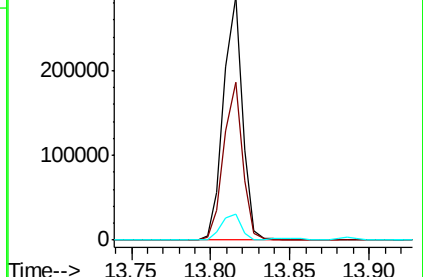
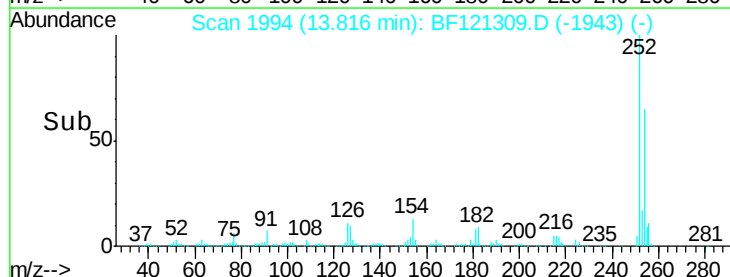
126 10.5 9.1 13.7

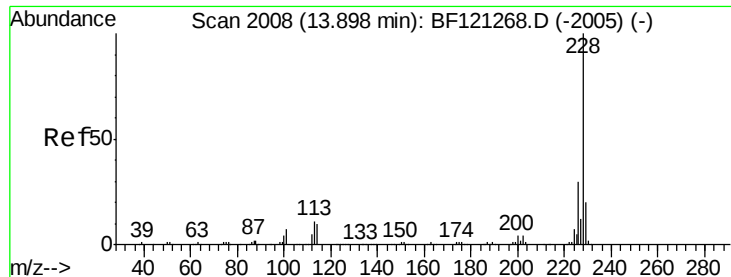


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

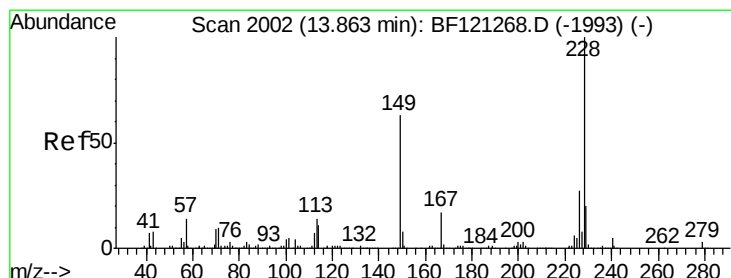
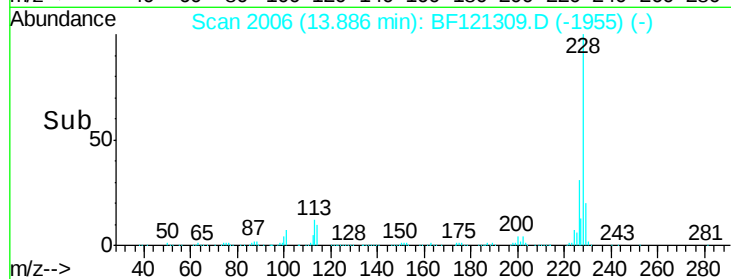
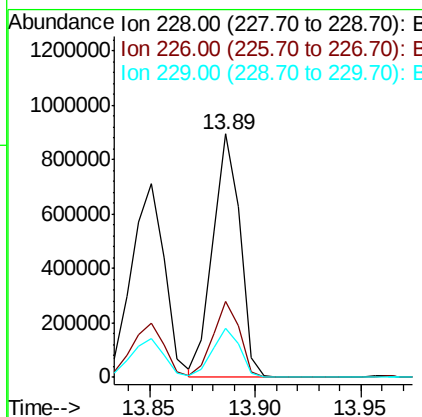
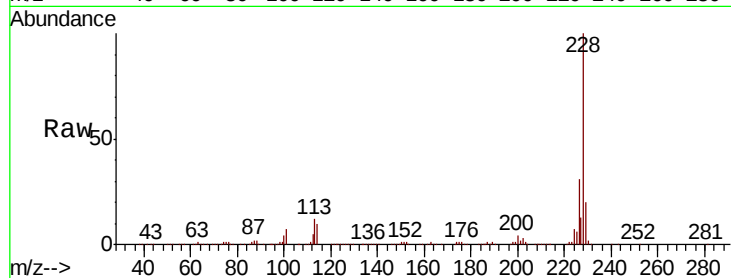




#83
 Chrysene
 Concen: 39.797 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

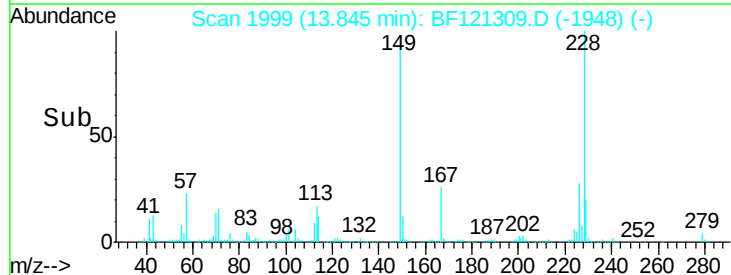
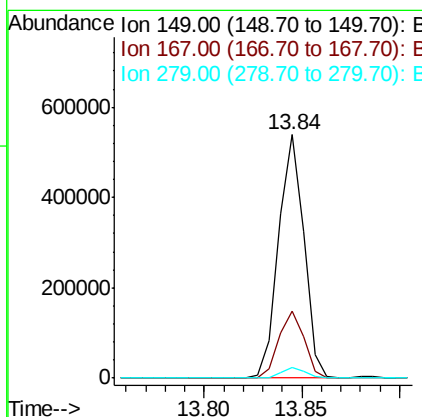
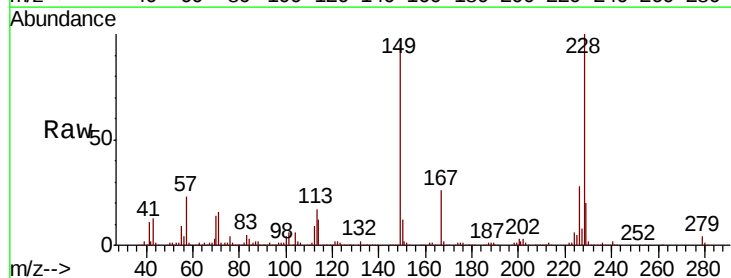
Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MS

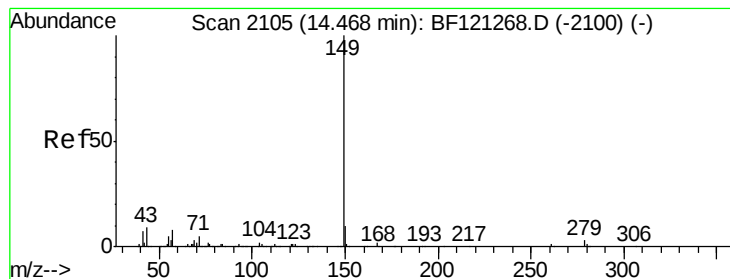
Tot Ion:228 Resp: 805082
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.3 37.9
 229 20.2 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.628 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion:149 Resp: 485368
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.5 32.3
 279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 43.067 ng

RT: 14.46 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

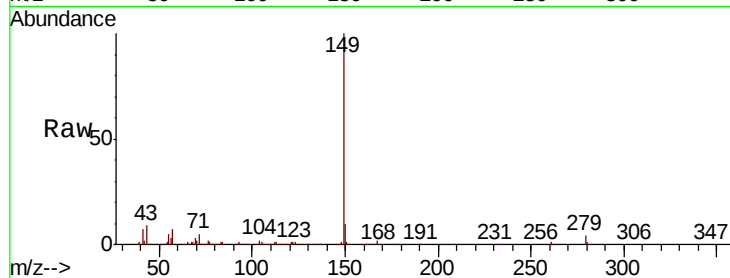
Tot Ion:149 Resp: 967130

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

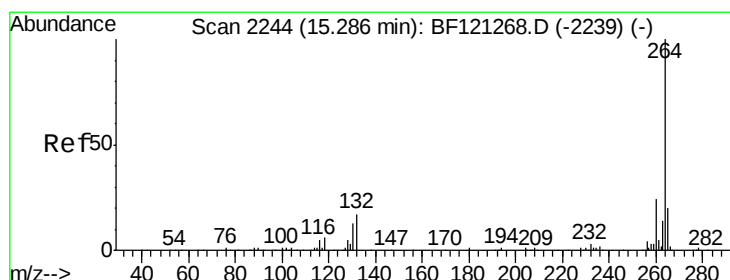
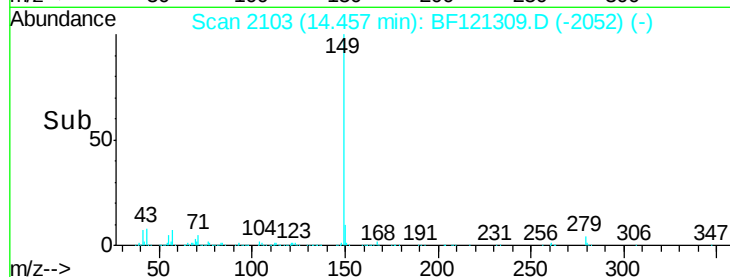
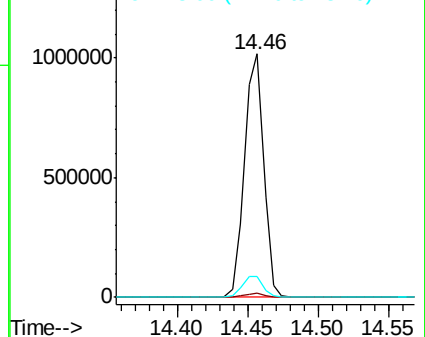
43 9.1 7.2 10.8



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: 15.27 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

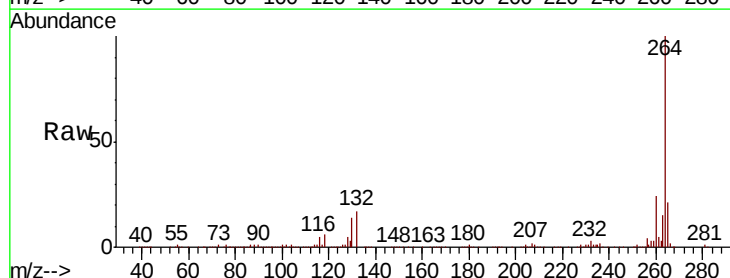
Tgt Ion:264 Resp: 302254

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

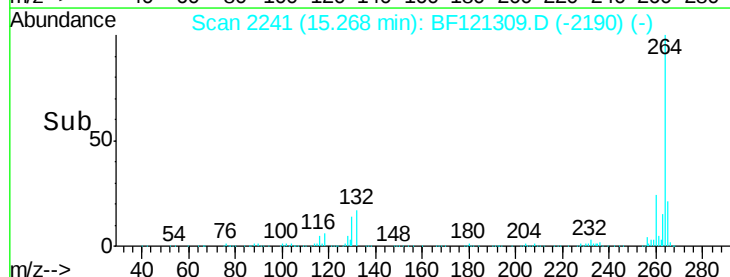
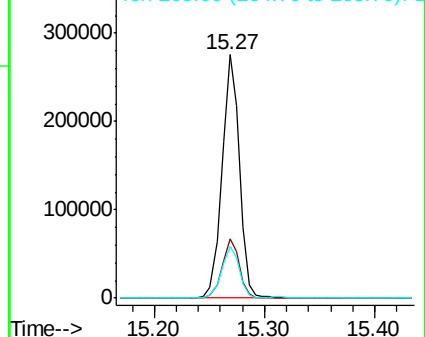
265 21.3 17.1 25.7

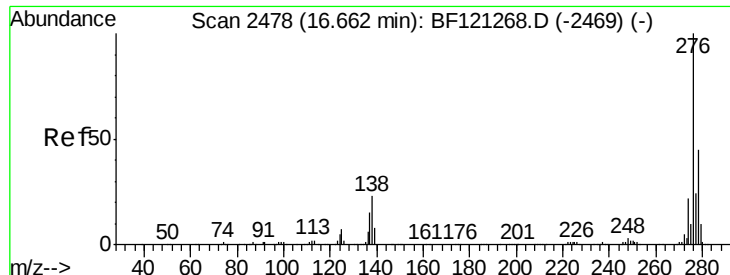


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

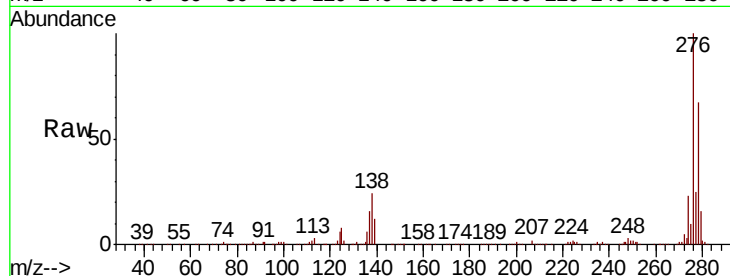




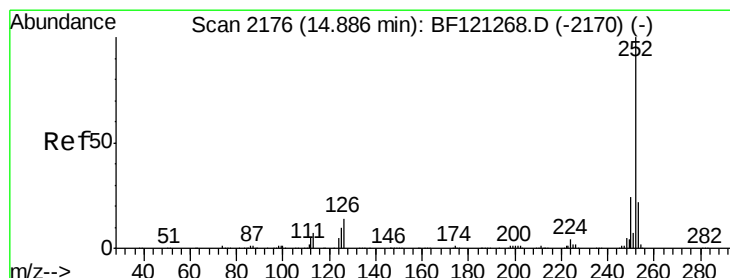
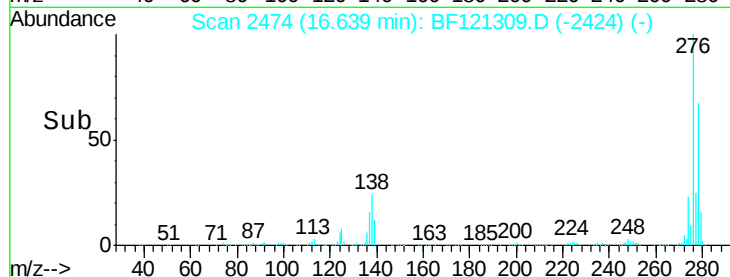
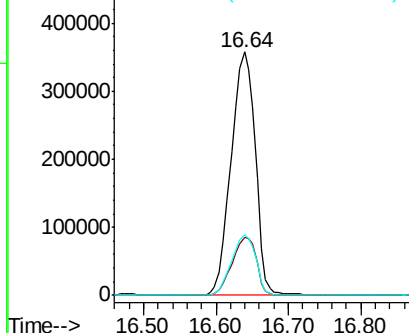
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.144 ng
 RT: 16.64 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.6	29.4
277	25.0	20.4	30.6

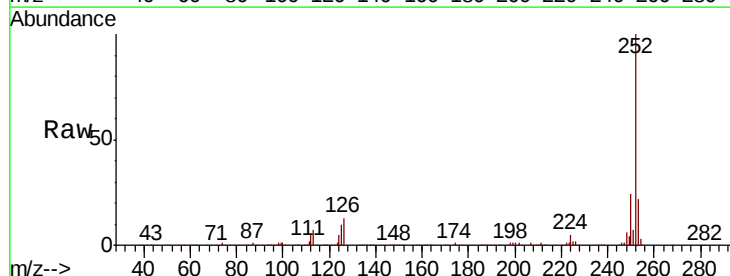


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

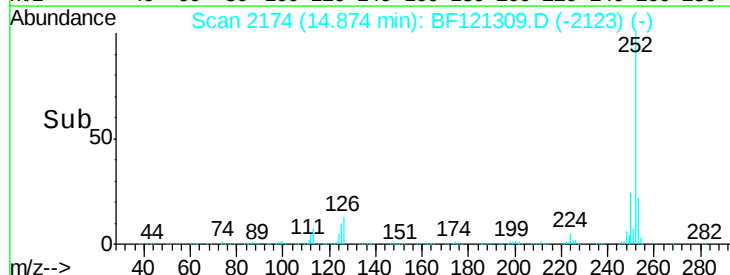
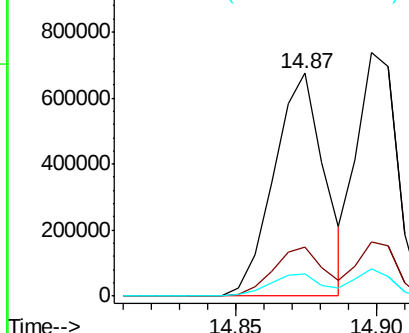


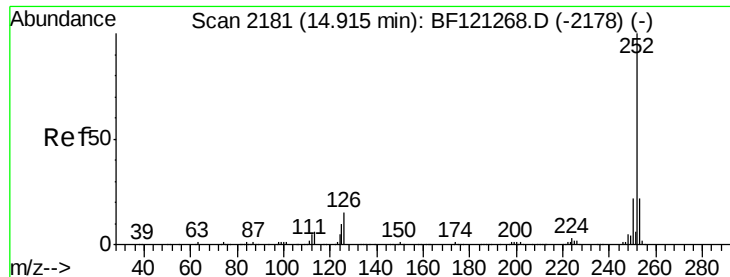
#88
 Benzo(b)fluoranthene
 Concen: 41.182 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.2	7.5	11.3



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

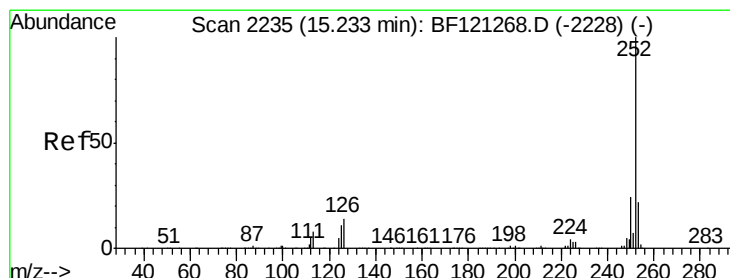
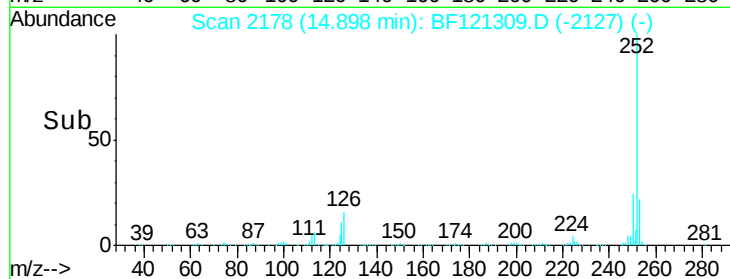
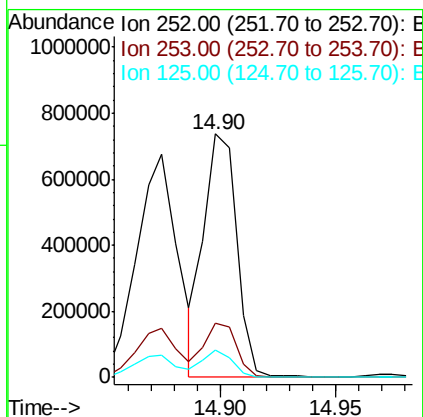
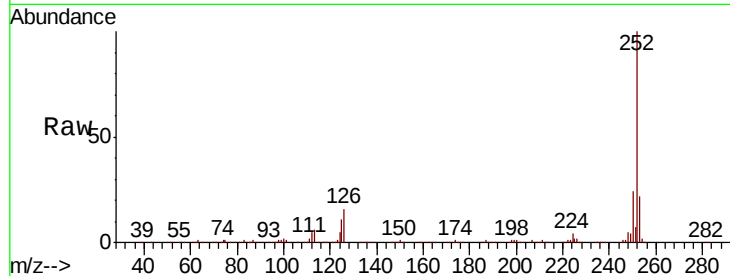




#89
Benzo(k)fluoranthene
Concen: 38.639 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

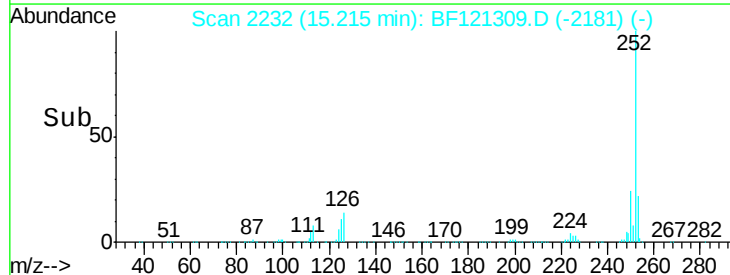
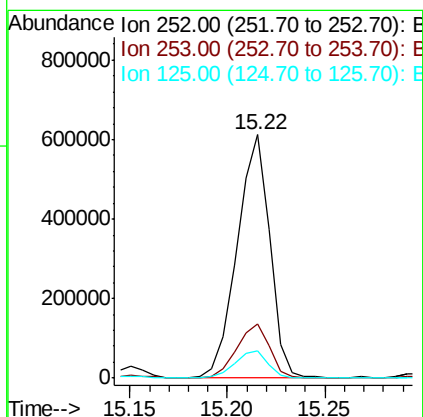
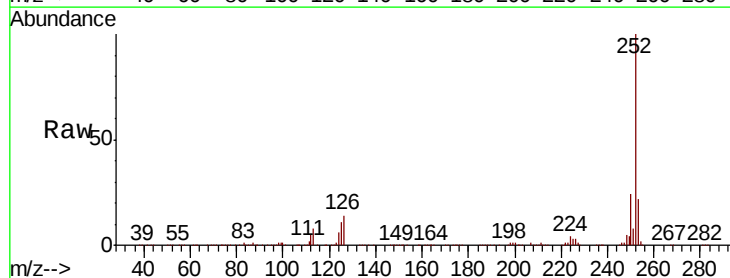
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MS

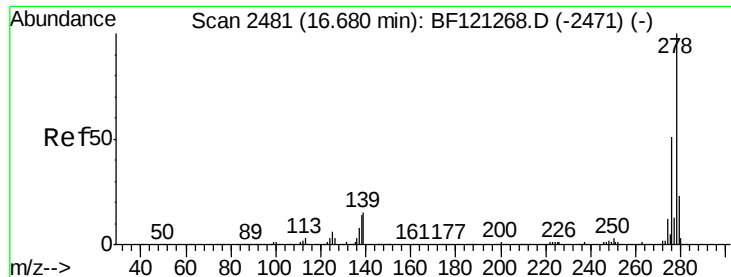
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.1	8.2	12.4



#90
Benzo(a)pyrene
Concen: 38.821 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.2	8.7	13.1





#91

Dibenzo(a,h)anthracene

Concen: 35.103 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

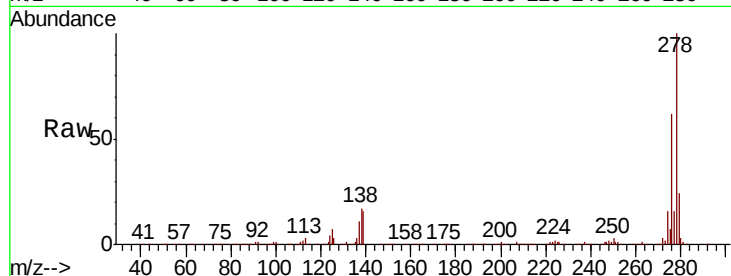
Tot Ion:278 Resp: 675928

Ion Ratio Lower Upper

278 100

139 15.6 13.1 19.7

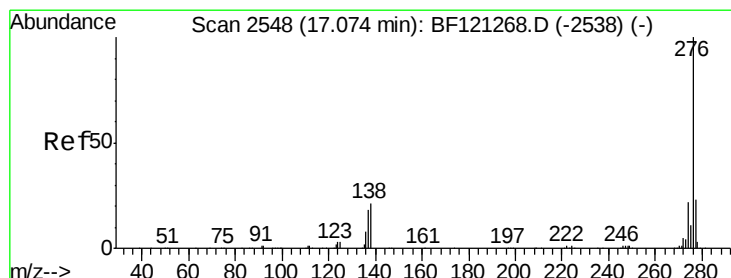
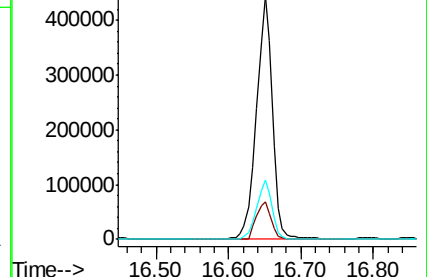
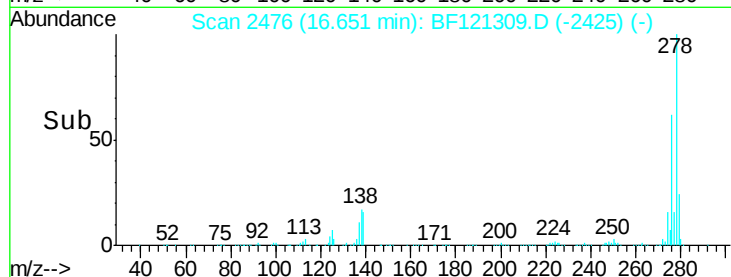
279 24.3 18.6 27.8



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: 36.839 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

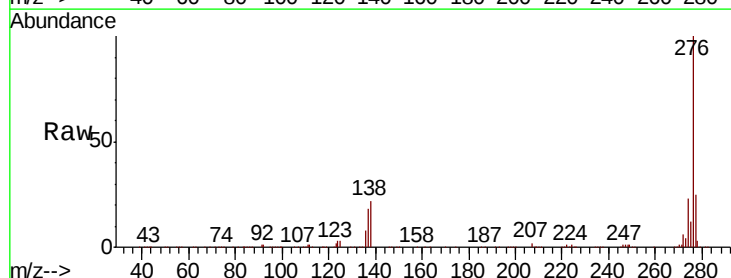
Tgt Ion:276 Resp: 700028

Ion Ratio Lower Upper

276 100

277 24.5 19.1 28.7

138 22.1 16.6 24.8



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

