

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121310.D
 Acq On : 17 Aug 2020 15:16
 Operator : JU/CG
 Sample : L3691-13MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 17 17:03:24 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	81901	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	322471	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	169336	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	336456	20.00	ng	0.00
76) Chrysene-d12	13.86	240	288319	20.00	ng	0.00
86) Perylene-d12	15.27	264	279247	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	414795	76.78	ng	0.00
7) Phenol-d6	6.35	99	506170	72.71	ng	0.00
23) Nitrobenzene-d5	7.27	82	324484	54.99	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	160512	76.99	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	593768	48.50	ng	0.00
79) Terphenyl-d14	12.80	244	658111	44.50	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	89994	39.146	ng	99
3) Pyridine	3.01	79	192208	32.118	ng	99
4) n-Nitrosodimethylamine	2.95	42	105005	42.842	ng	96
6) Aniline	6.36	93	218888	26.524	ng	# 44
8) 2-Chlorophenol	6.49	128	240358	40.462	ng	99
9) Benzaldehyde	6.25	77	144167	40.186	ng	94
10) Phenol	6.36	94	314197	41.606	ng	81
11) bis(2-Chloroethyl)ether	6.44	93	226372	41.528	ng	98
12) 1,3-Dichlorobenzene	6.65	146	247314	39.402	ng	99
13) 1,4-Dichlorobenzene	6.72	146	250732	39.522	ng	100
14) 1,2-Dichlorobenzene	6.87	146	238351	39.808	ng	98
15) Benzyl Alcohol	6.85	79	192251	41.227	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	317025	40.389	ng	99
17) 2-Methylphenol	6.97	107	193060	41.144	ng	98
18) Hexachloroethane	7.22	117	90593	40.381	ng	94
19) n-Nitroso-di-n-propylamine	7.12	70	150563	38.926	ng	98
20) 3+4-Methylphenols	7.12	107	234960	39.467	ng	# 84
22) Acetophenone	7.12	105	316625	38.121	ng	# 95
24) Nitrobenzene	7.29	77	241730	37.757	ng	97
25) Isophorone	7.53	82	437567	36.937	ng	97
26) 2-Nitrophenol	7.61	139	126686	40.839	ng	97
27) 2,4-Dimethylphenol	7.65	122	208520	41.954	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	282654	42.658	ng	99
29) 2,4-Dichlorophenol	7.85	162	197361	38.831	ng	96
30) 1,2,4-Trichlorobenzene	7.93	180	212531	37.887	ng	99
31) Naphthalene	8.01	128	675035	37.208	ng	99
32) Benzoic acid	7.78	122	111972	41.782	ng	98
33) 4-Chloroaniline	8.06	127	134601	18.180	ng	99
34) Hexachlorobutadiene	8.13	225	121909	35.918	ng	99
35) Caprolactam	8.43	113	47035	30.724	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	204945	39.522	ng	94
37) 2-Methylnaphthalene	8.70	142	454848	38.099	ng	98
38) 1-Methylnaphthalene	8.80	142	428373	37.896	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	212933	37.528	ng	99

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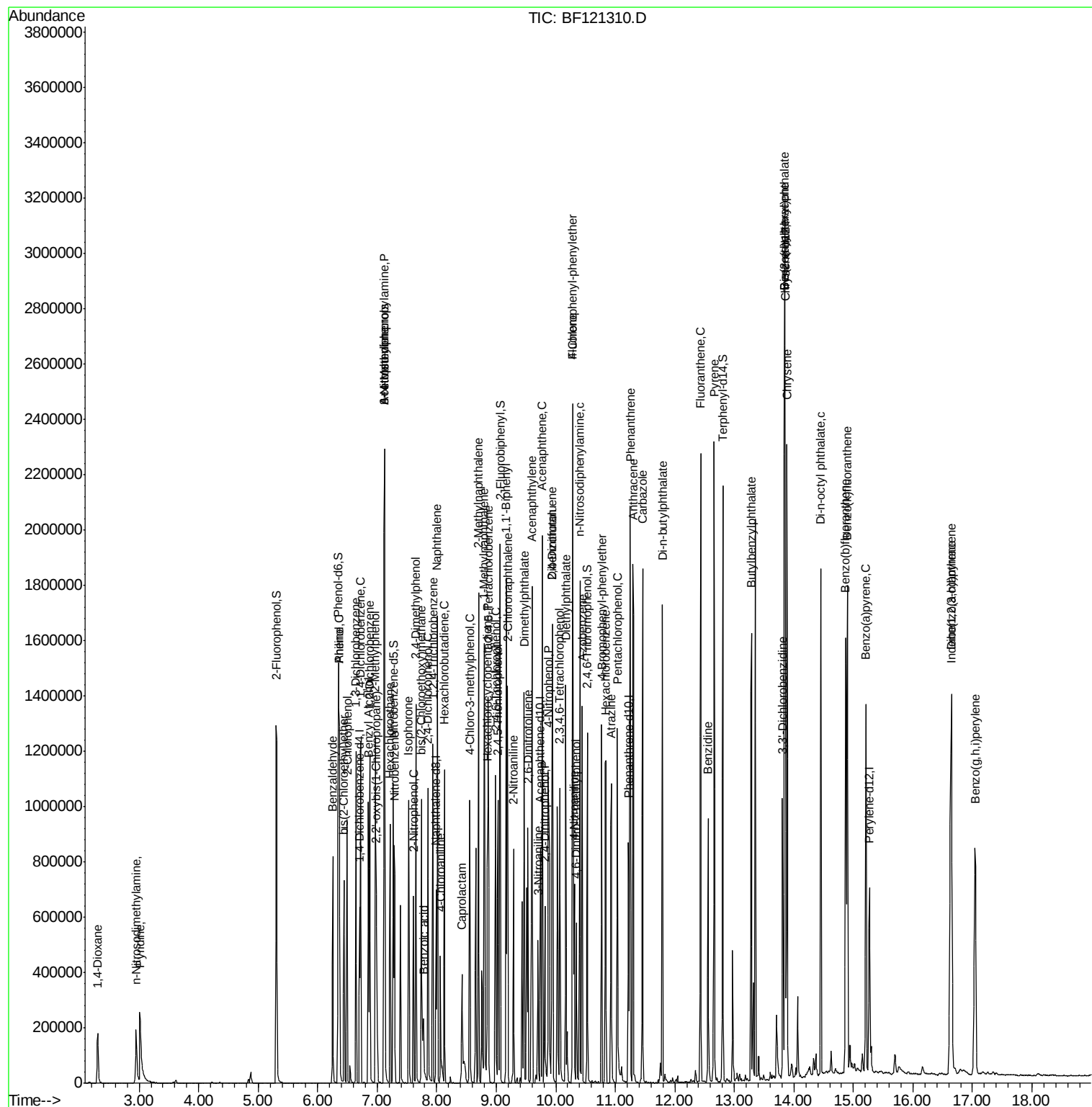
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	128218	61.784	ng	98
43) 2,4,6-Trichlorophenol	8.99	196	142247	39.420	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	154357	39.383	ng	98
46) 1,1'-Biphenyl	9.17	154	555790	37.986	ng	100
47) 2-Chloronaphthalene	9.19	162	422416	37.504	ng	99
48) 2-Nitroaniline	9.29	65	130910	41.350	ng	96
49) Acenaphthylene	9.60	152	682754	38.166	ng	100
50) Dimethylphthalate	9.47	163	617564	48.466	ng	100
51) 2,6-Dinitrotoluene	9.53	165	112457	39.592	ng	93
52) Acenaphthene	9.77	154	398684	37.642	ng	98
53) 3-Nitroaniline	9.70	138	73470	22.654	ng	94
54) 2,4-Dinitrophenol	9.82	184	99064	67.695	ng	96
55) Dibenzofuran	9.95	168	611817	36.273	ng	96
56) 4-Nitrophenol	9.87	139	186060	88.898	ng	94
57) 2,4-Dinitrotoluene	9.94	165	147815	39.654	ng	97
58) Fluorene	10.29	166	465540	36.462	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	130105	41.984	ng	99
60) Diethylphthalate	10.17	149	501940	38.737	ng	99
61) 4-Chlorophenyl-phenylether	10.28	204	226906	36.540	ng	95
62) 4-Nitroaniline	10.31	138	122513	37.677	ng	100
63) Azobenzene	10.45	77	483712	37.361	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	74687	37.334	ng	95
66) n-Nitrosodiphenylamine	10.40	169	430168	37.287	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	150085	38.242	ng	94
68) Hexachlorobenzene	10.84	284	170275	38.047	ng	96
69) Atrazine	10.93	200	120729	34.986	ng	97
70) Pentachlorophenol	11.03	266	182946	90.877	ng	97
71) Phenanthrene	11.25	178	760145	39.491	ng	100
72) Anthracene	11.30	178	751074	38.884	ng	99
73) Carbazole	11.46	167	705514	37.347	ng	100
74) Di-n-butylphthalate	11.79	149	851585	39.938	ng	100
75) Fluoranthene	12.43	202	924885	43.152	ng	100
77) Benzidine	12.56	184	388822	51.299	ng	99
78) Pyrene	12.66	202	923927	43.033	ng	99
80) Butylbenzylphthalate	13.29	149	385009	43.900	ng	98
81) Benzo(a)anthracene	13.85	228	760042	38.866	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	234200	30.186	ng	99
83) Chrysene	13.89	228	786521	39.394	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	483988	40.038	ng	# 98
85) Di-n-octyl phthalate	14.46	149	940569	42.438	ng	100
87) Indeno(1,2,3-cd)pyrene	16.63	276	769058	37.042	ng	100
88) Benzo(b)fluoranthene	14.87	252	822951	43.983	ng	99
89) Benzo(k)fluoranthene	14.90	252	648734	37.337	ng	99
90) Benzo(a)pyrene	15.21	252	664277	39.335	ng	98
91) Dibenzo(a,h)anthracene	16.65	278	634008	35.639	ng	99
92) Benzo(g,h,i)perylene	17.04	276	667174	38.003	ng	99

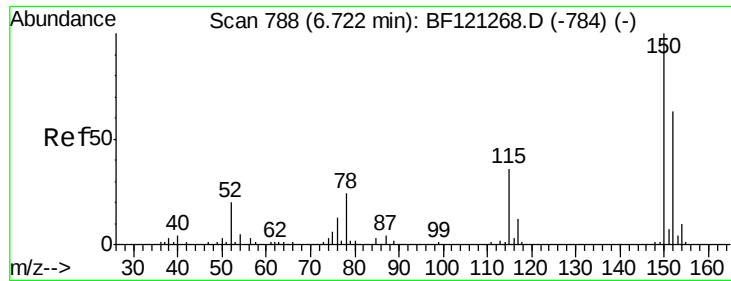
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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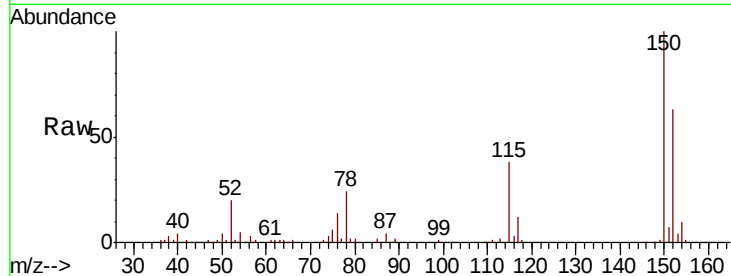


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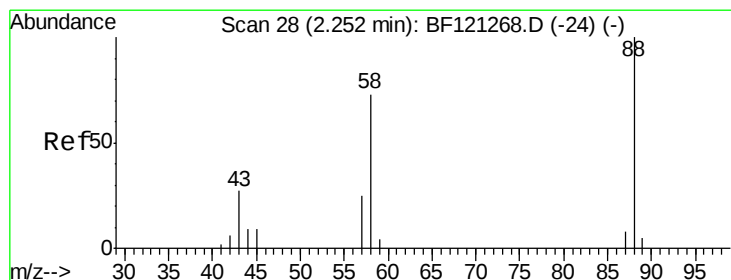
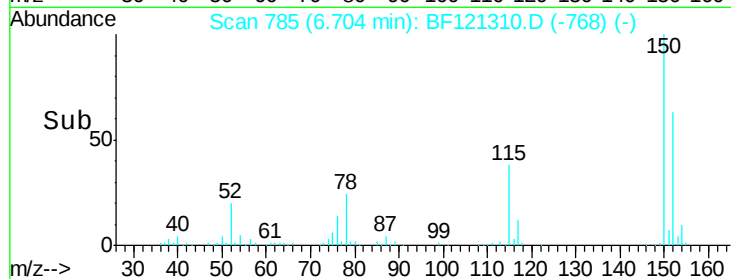
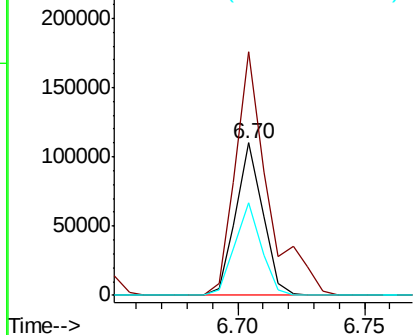
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
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Tot Ion:152 Resp: 81901
Ion Ratio Lower Upper
152 100
150 159.7 123.9 185.9
115 60.8 47.3 70.9



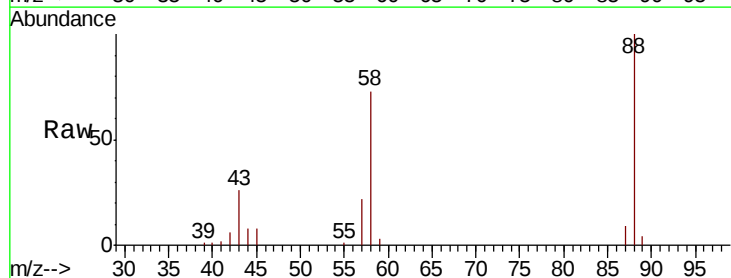
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



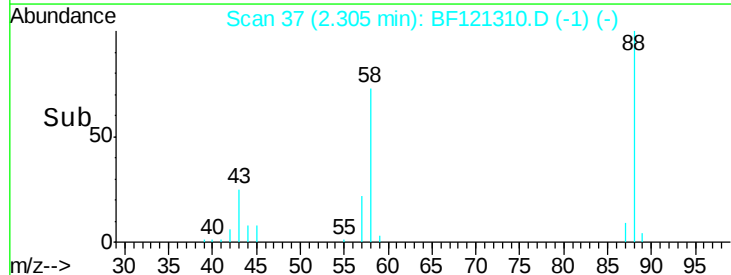
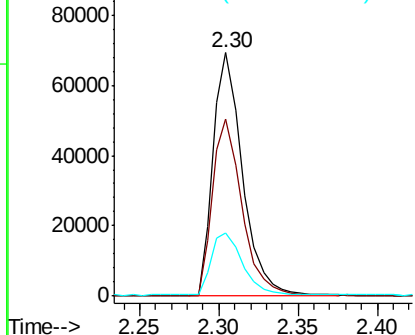
#2

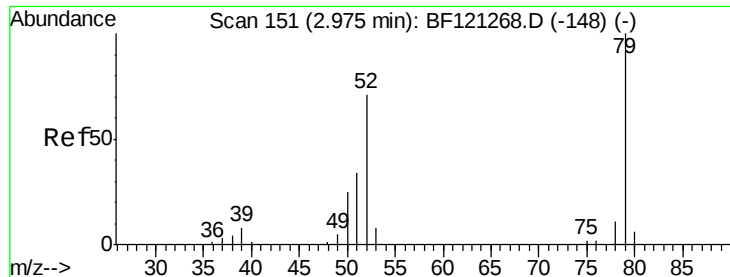
1,4-Dioxane
Concen: 39.146 ng
RT: 2.30 min Scan# 37
Delta R.T. 0.04 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion: 88 Resp: 89994
Ion Ratio Lower Upper
88 100
58 73.7 57.8 86.8
43 27.7 22.2 33.2



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

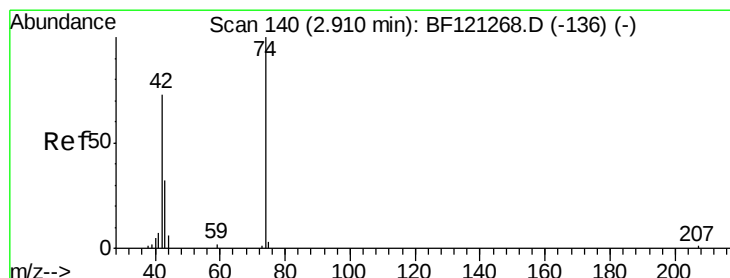
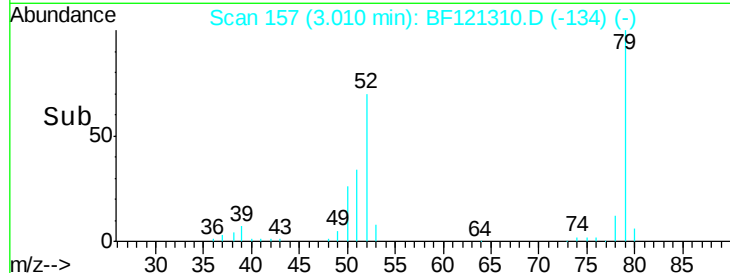
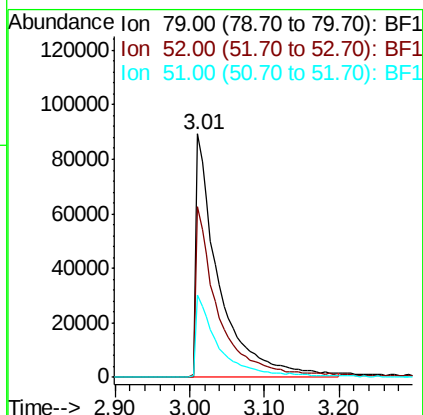
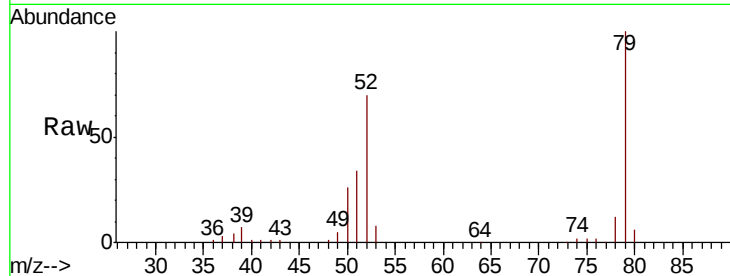




#3
 Pvridine
 Concen: 32.118 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.04 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

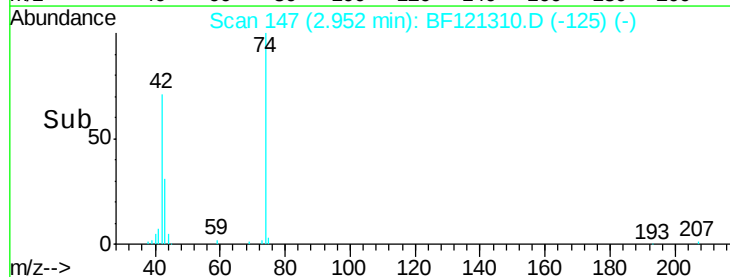
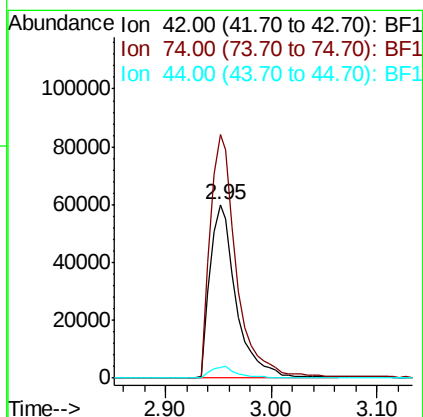
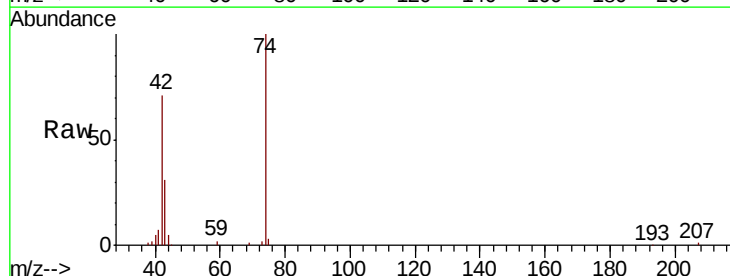
Instrument :
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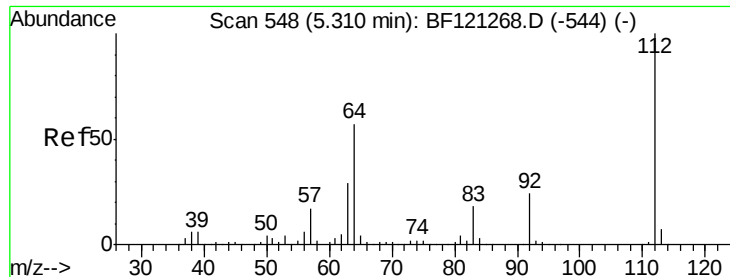
Tot Ion: 79 Resp: 192208
 Ion Ratio Lower Upper
 79 100
 52 70.2 56.9 85.3
 51 33.8 26.3 39.5



#4
 n-Nitrosodimethylamine
 Concen: 42.842 ng
 RT: 2.95 min Scan# 147
 Delta R.T. 0.03 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion: 42 Resp: 105005
 Ion Ratio Lower Upper
 42 100
 74 140.3 115.8 173.8
 44 6.4 5.7 8.5





#5

2-Fluorophenol

Concen: 76.782 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

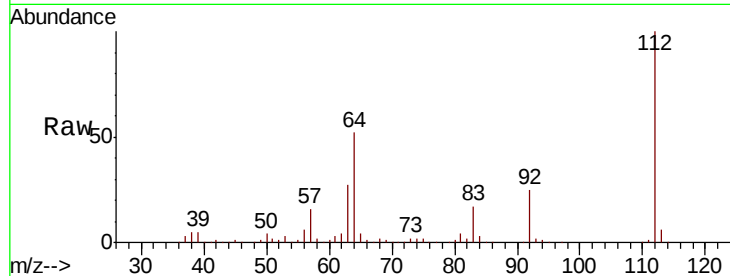
Tot Ion:112 Resp: 414795

Ion Ratio Lower Upper

112 100

64 52.4 42.9 64.3

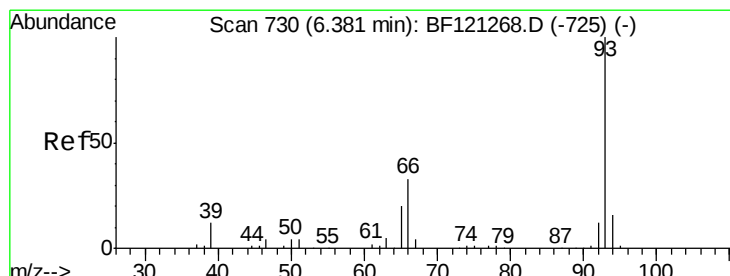
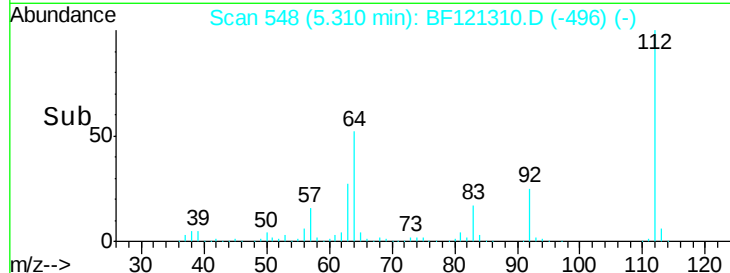
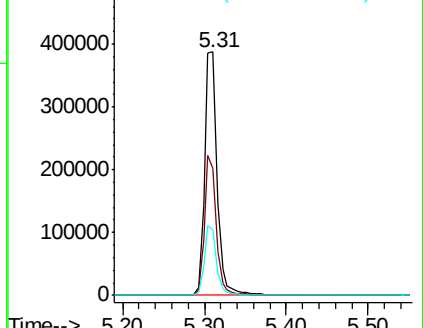
63 26.8 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.524 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

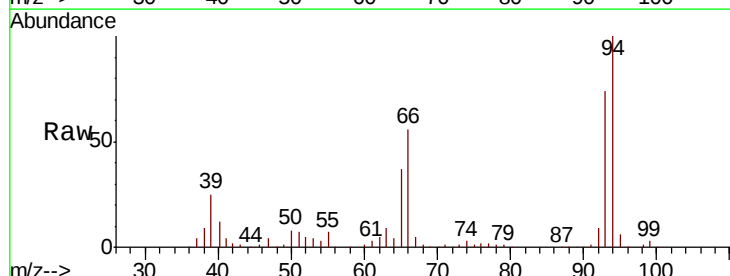
Tgt Ion: 93 Resp: 218888

Ion Ratio Lower Upper

93 100

66 75.1 32.2 48.4#

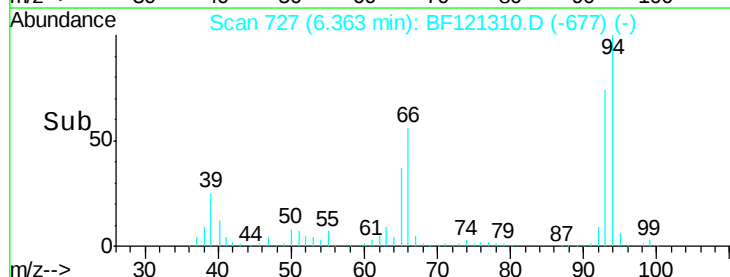
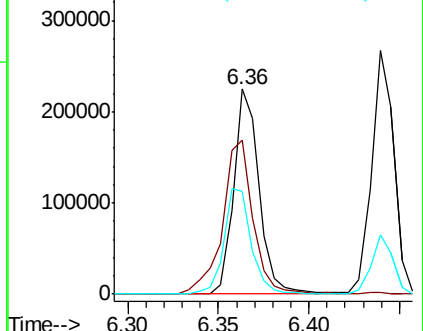
65 50.1 18.2 27.4#

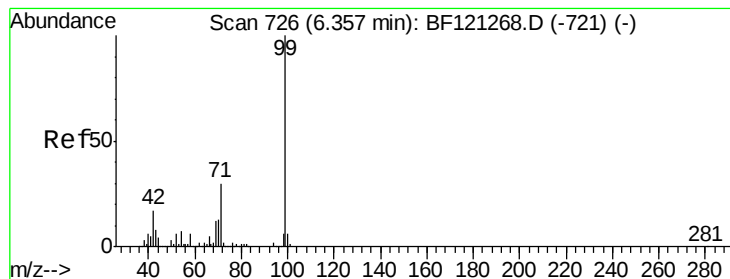


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.710 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

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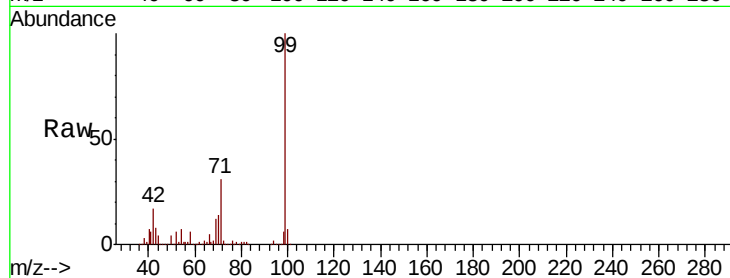
Tot Ion: 99 Resp: 506170

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

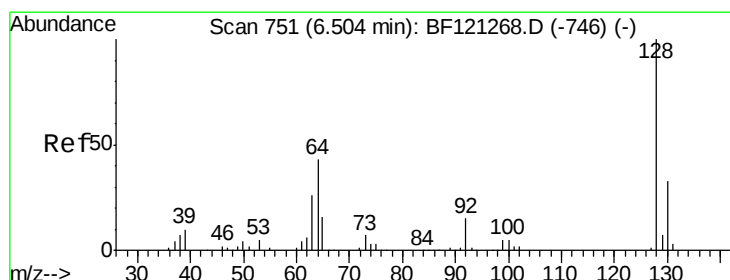
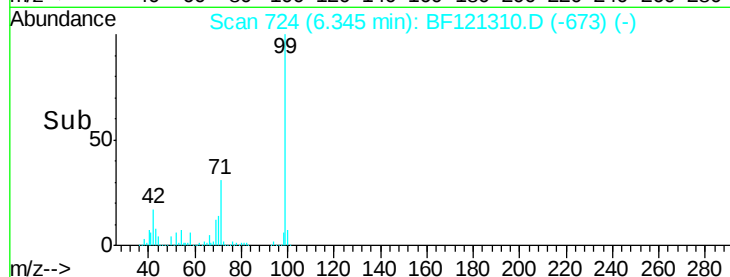
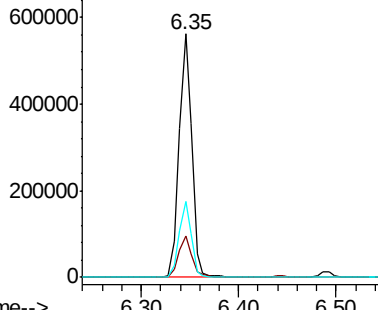
71 30.9 24.8 37.2



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: 40.462 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF121310.D

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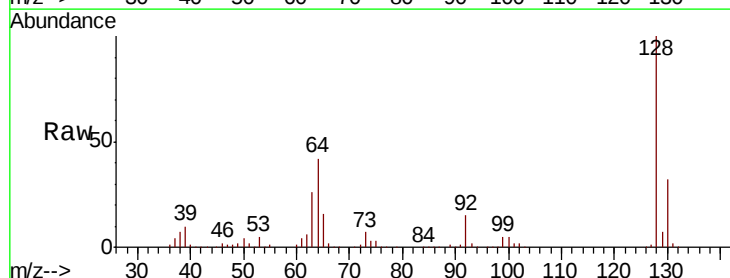
Tgt Ion:128 Resp: 240358

Ion Ratio Lower Upper

128 100

130 32.5 11.9 51.9

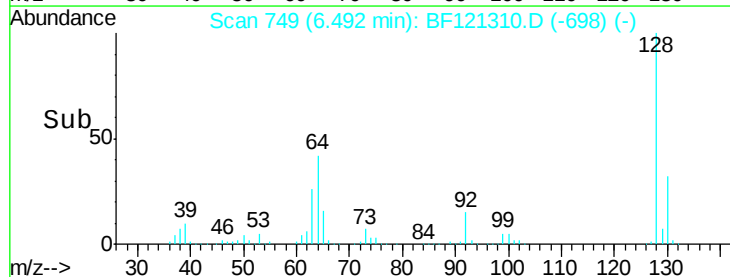
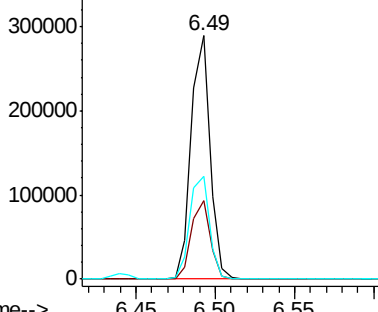
64 42.2 22.5 62.5

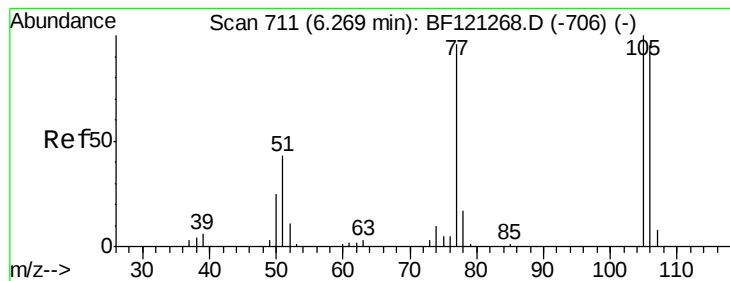


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.186 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

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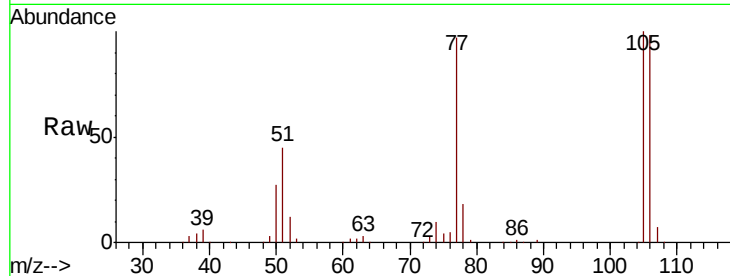
Tot Ion: 77 Resp: 144167

Ion Ratio Lower Upper

77 100

105 102.6 77.6 117.6

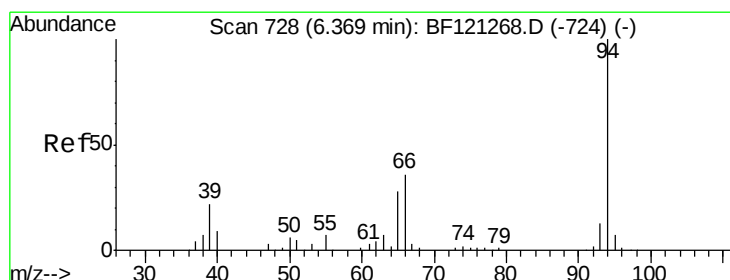
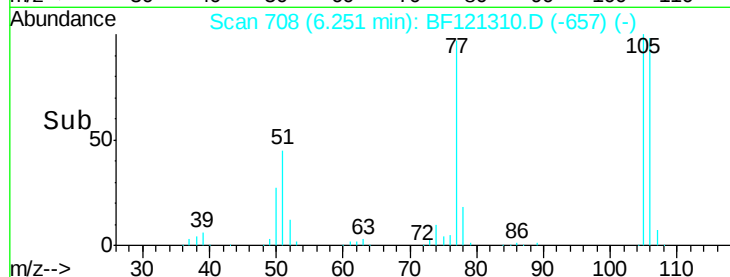
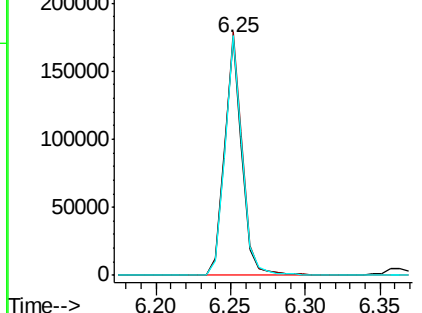
106 100.9 74.9 114.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.606 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

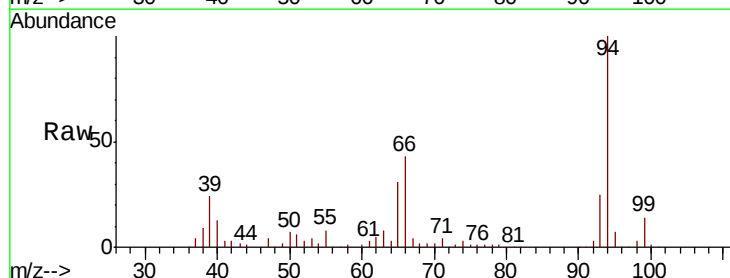
Tgt Ion: 94 Resp: 314197

Ion Ratio Lower Upper

94 100

65 31.2 19.2 59.2

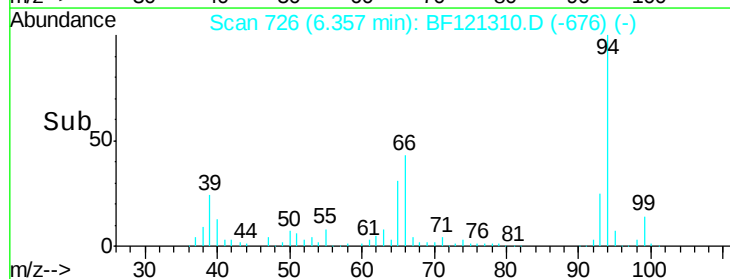
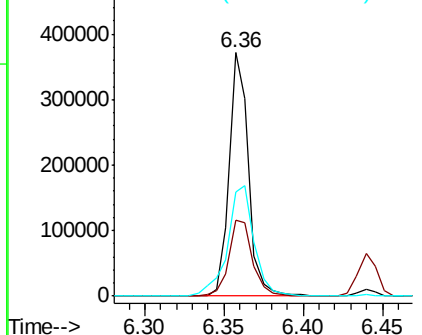
66 42.5 39.6 79.6

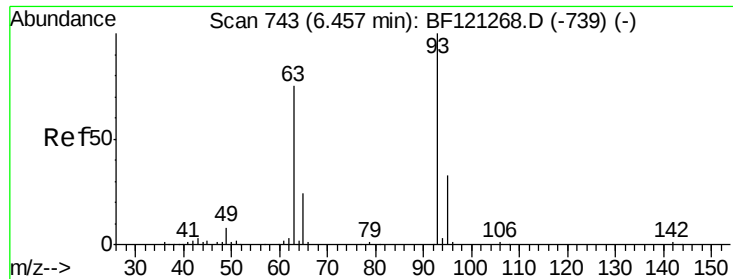


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

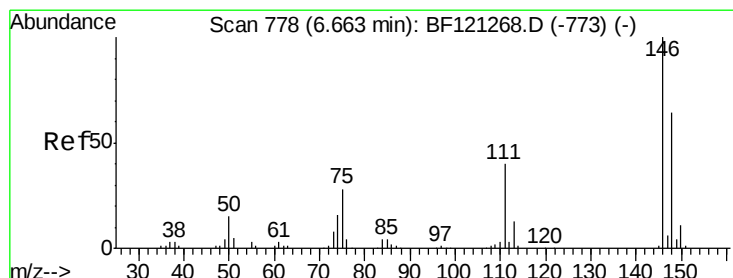
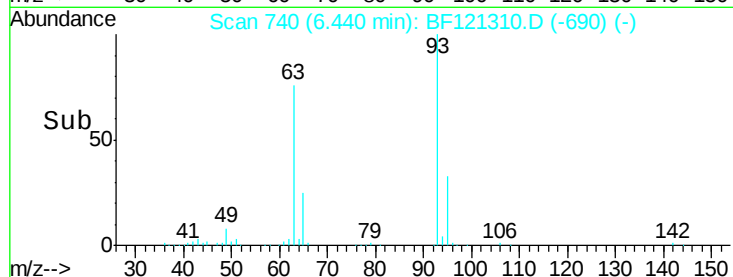
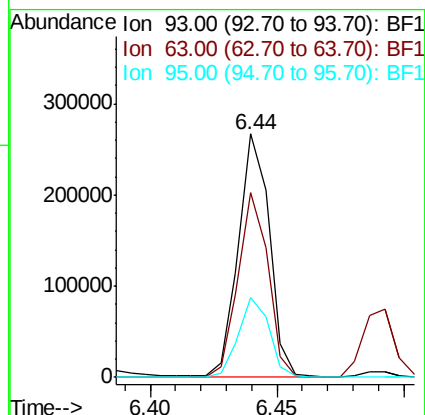
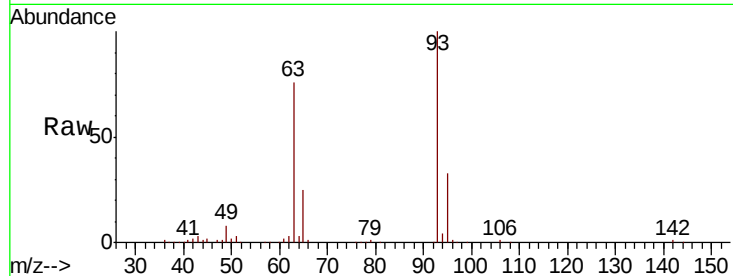




#11
bis(2-Chloroethyl)ether
Concen: 41.528 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

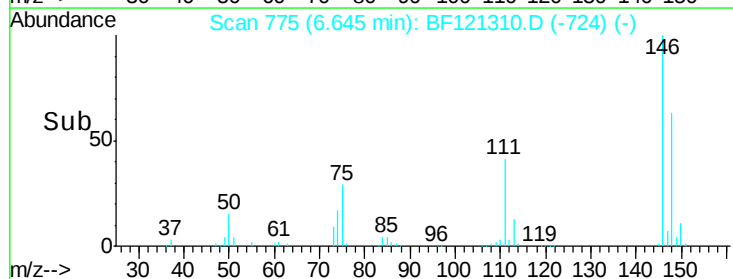
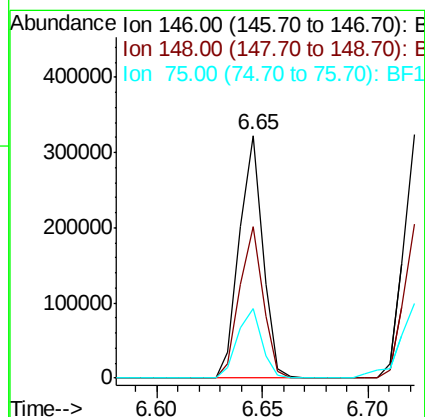
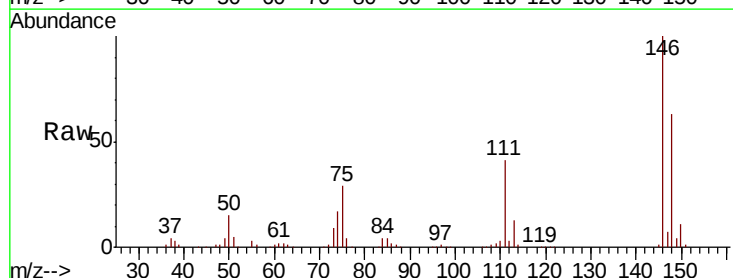
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

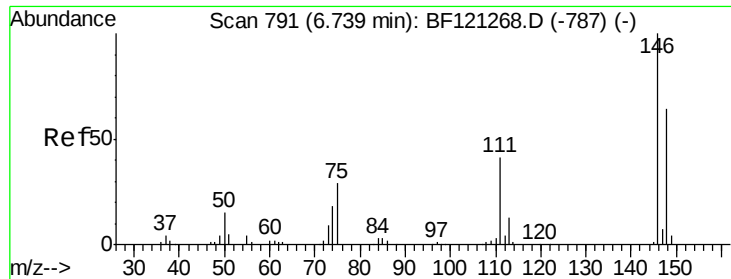
Tot Ion: 93 Resp: 226372
Ion Ratio Lower Upper
93 100
63 75.7 53.9 93.9
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.402 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion: 146 Resp: 247314
Ion Ratio Lower Upper
146 100
148 62.7 50.8 76.2
75 28.9 24.1 36.1

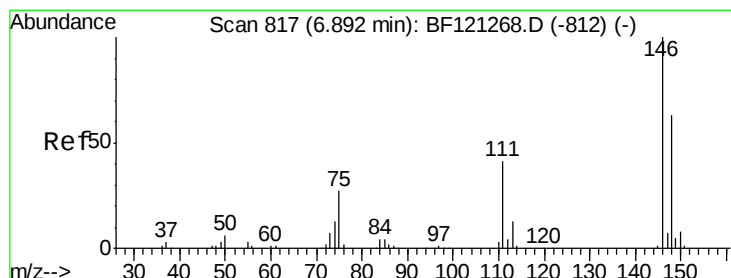
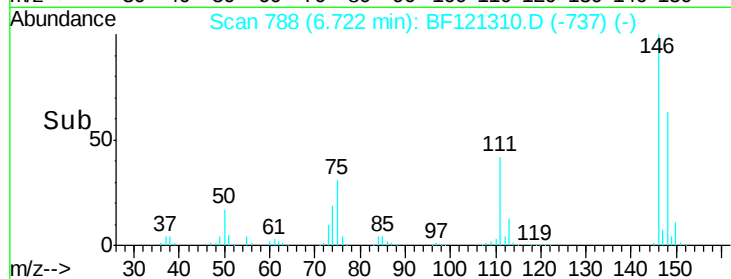
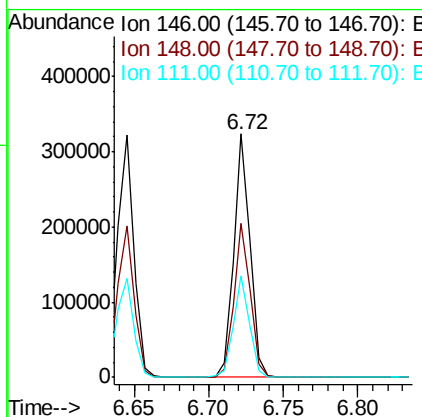
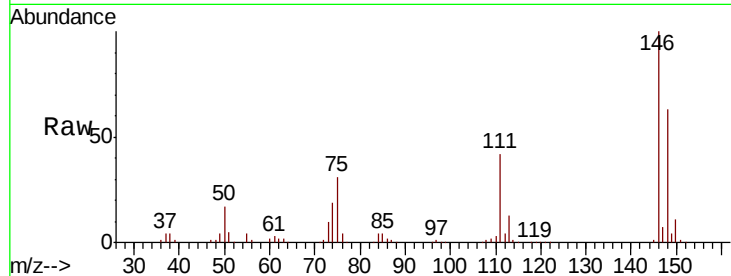




#13
 1,4-Dichlorobenzene
 Concen: 39.522 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

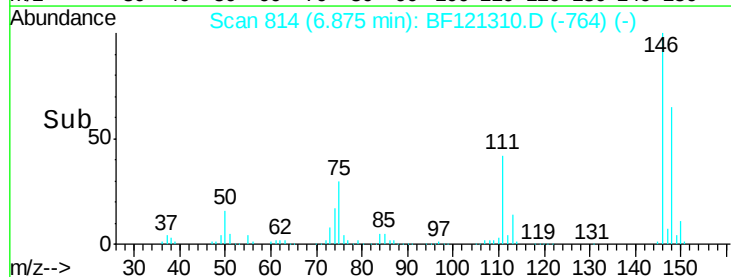
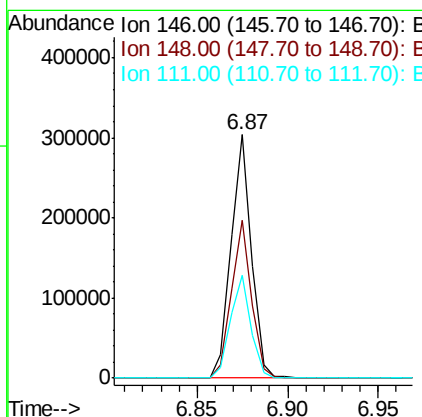
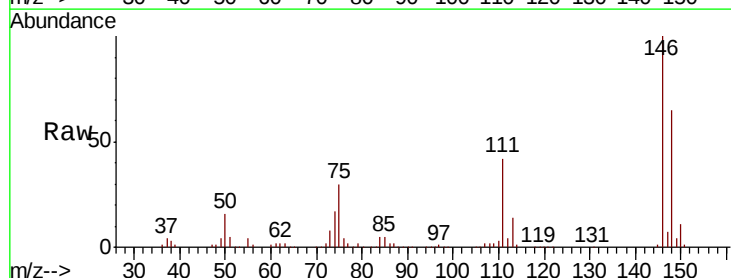
Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

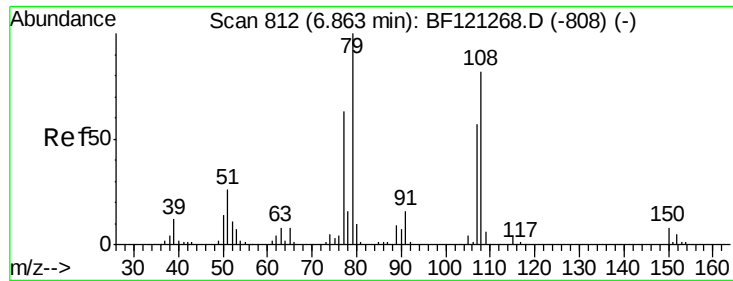
Tot Ion:146 Resp: 250732
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 41.6 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 39.808 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion:146 Resp: 238351
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.0
 111 42.5 32.3 48.5





#15

Benzyl Alcohol

Concen: 41.227 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

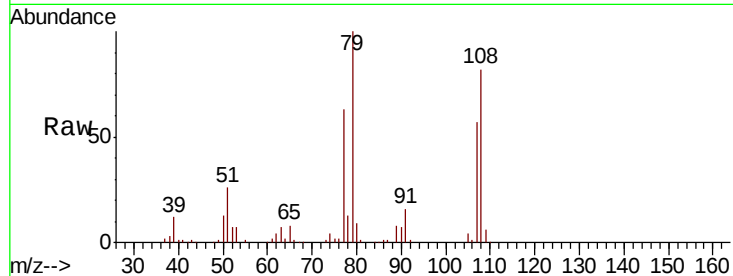
Tot Ion: 79 Resp: 192251

Ion Ratio Lower Upper

79 100

108 82.2 66.3 99.5

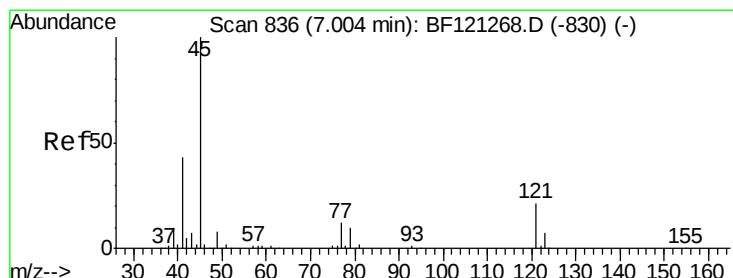
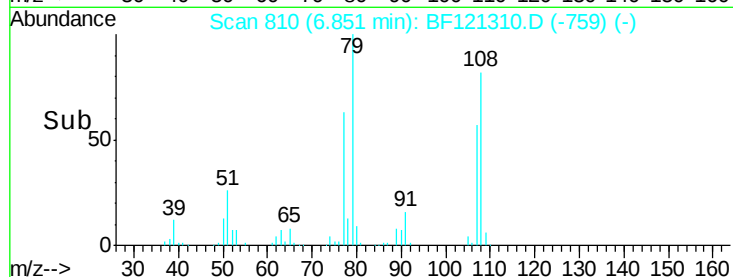
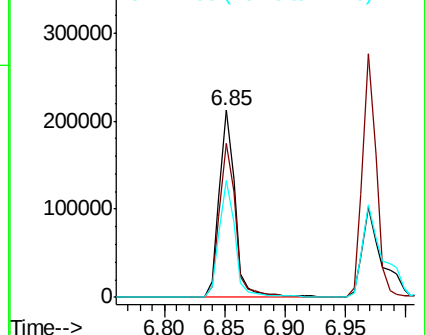
77 62.8 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.389 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

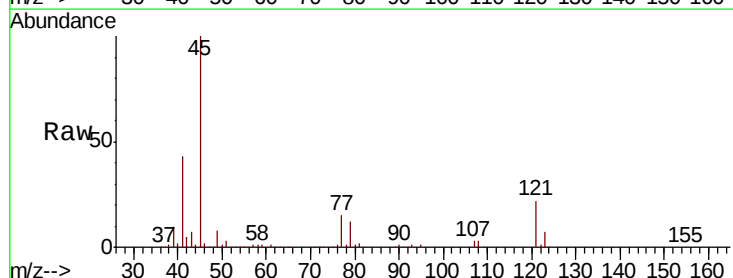
Tgt Ion: 45 Resp: 317025

Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.4

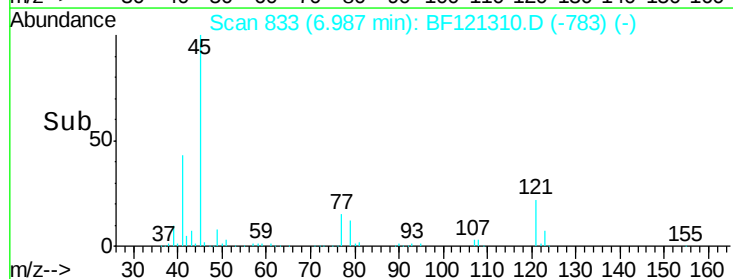
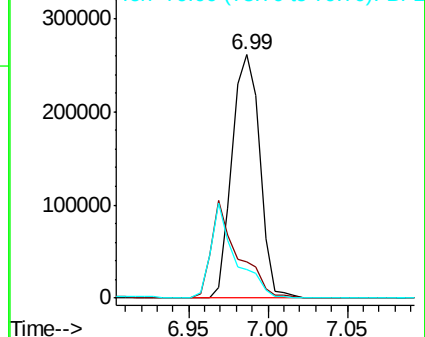
79 11.7 0.0 31.5

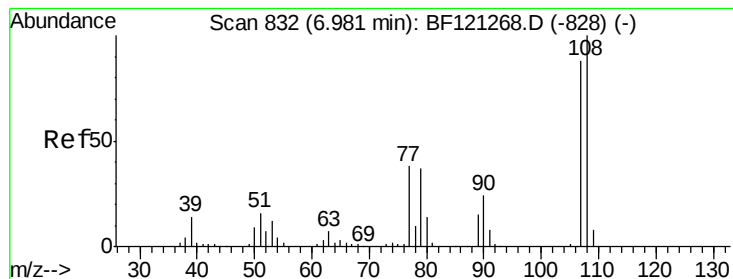


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

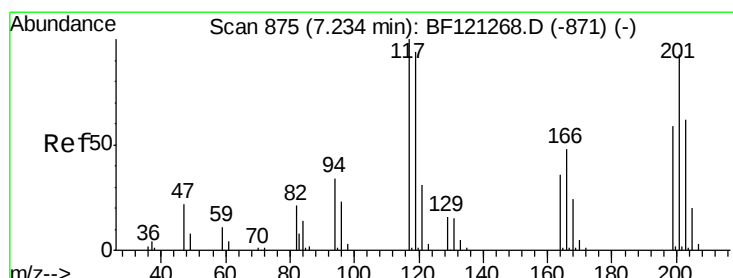
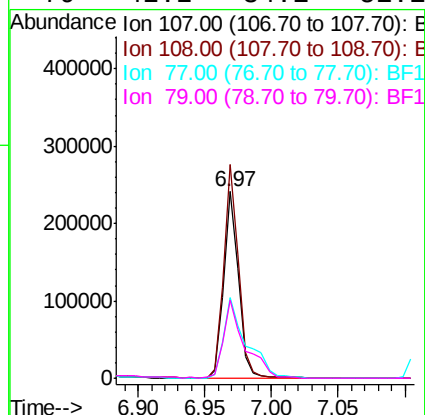
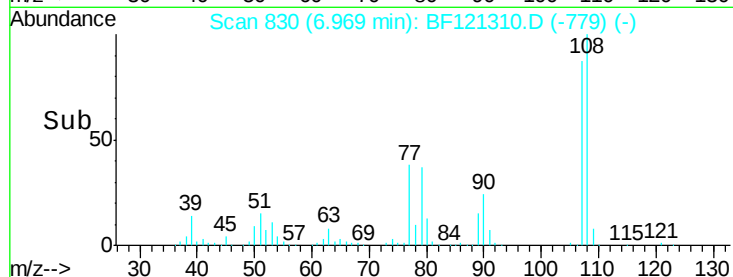
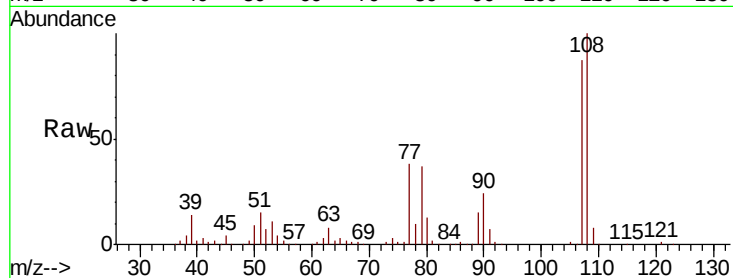




#17
2-Methylphenol
Concen: 41.144 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

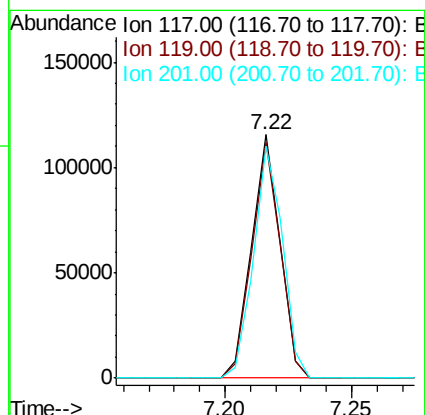
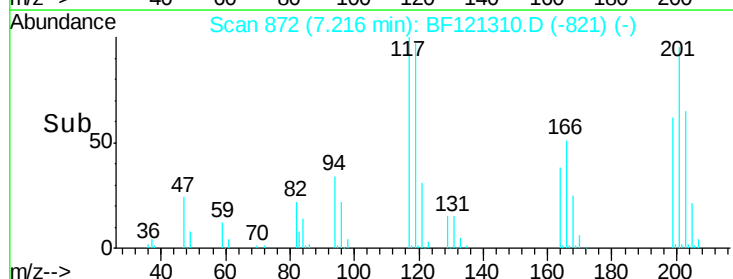
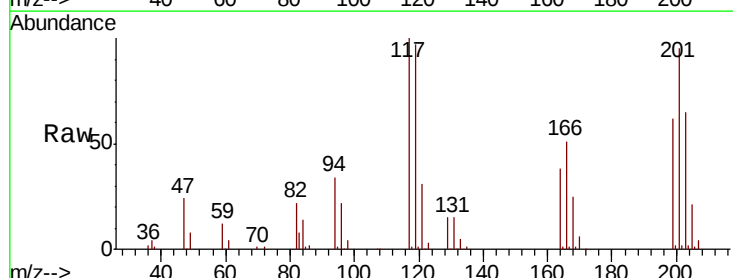
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

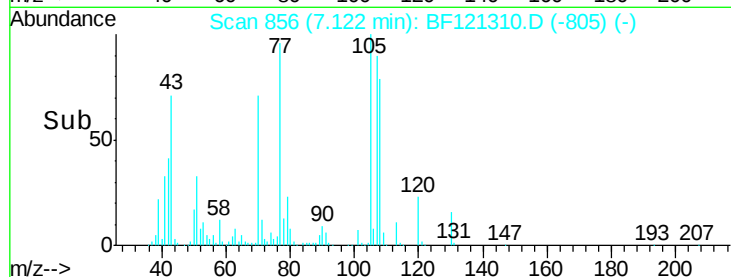
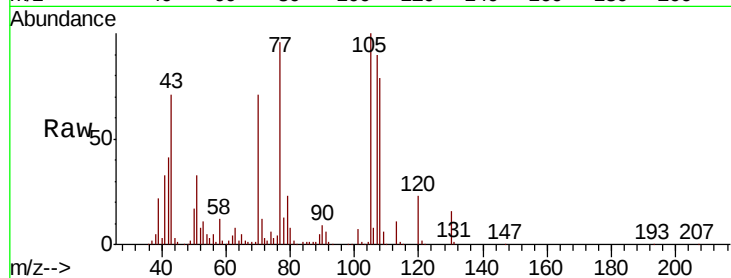
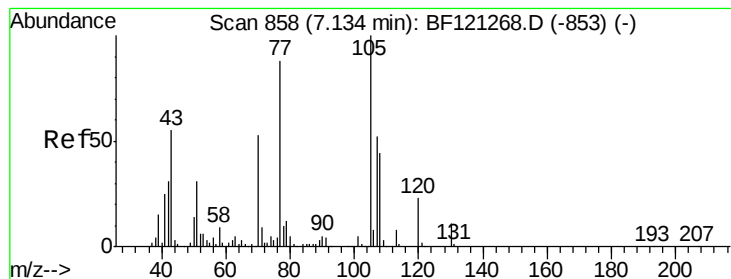
Tot Ion:	107	Resp:	193060
Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.4	140.0
77	43.5	35.7	53.5
79	42.2	34.1	51.1



#18
Hexachloroethane
Concen: 40.381 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion:	117	Resp:	90593
Ion	Ratio	Lower	Upper
117	100		
119	96.9	74.6	112.0
201	95.4	69.8	104.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.926 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Tot Ion: 70 Resp: 150563

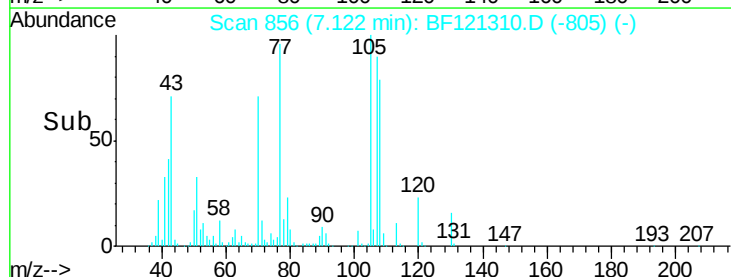
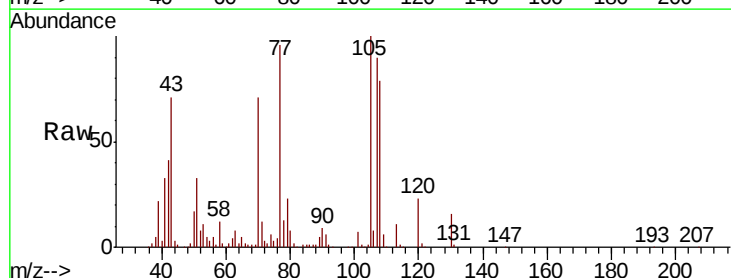
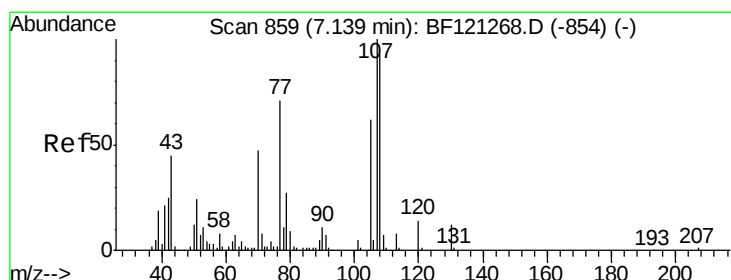
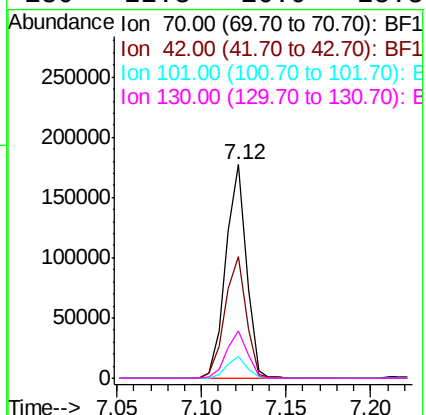
Ion Ratio Lower Upper

70 100

42 57.2 47.0 70.6

101 10.1 7.6 11.4

130 22.3 16.9 25.3



#20

3+4-Methylphenols

Concen: 39.467 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion: 107 Resp: 234960

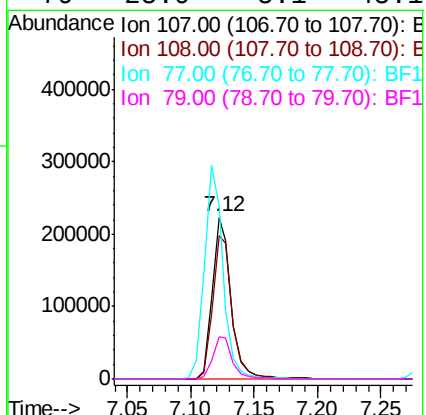
Ion Ratio Lower Upper

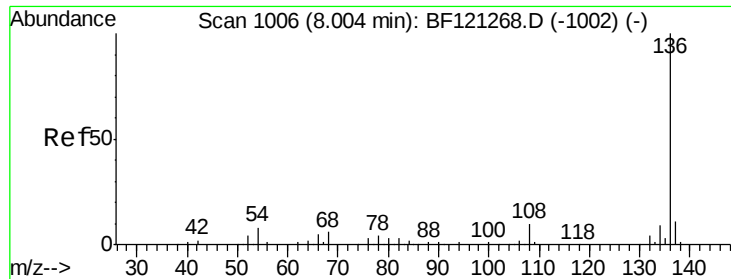
107 100

108 88.5 66.3 106.3

77 106.7 119.8 159.8#

79 25.9 5.1 45.1

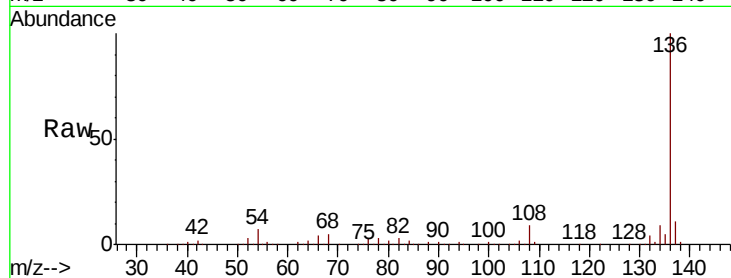




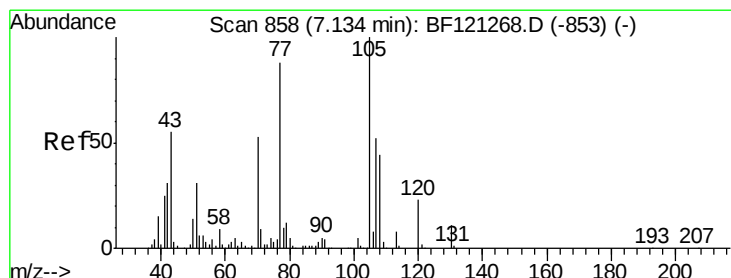
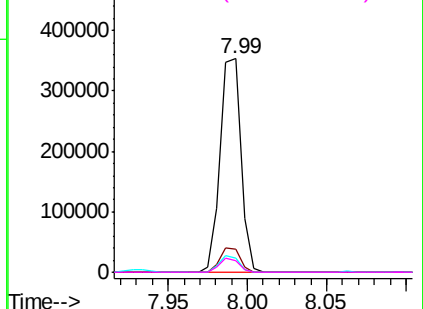
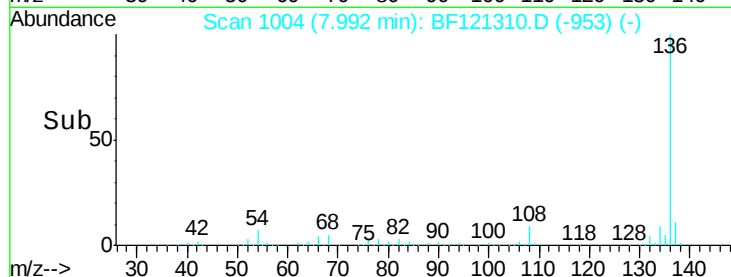
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

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

Tot Ion:136	Resp:	322471
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.6 13.0
54	6.8	5.4 8.2
68	5.4	4.6 6.8

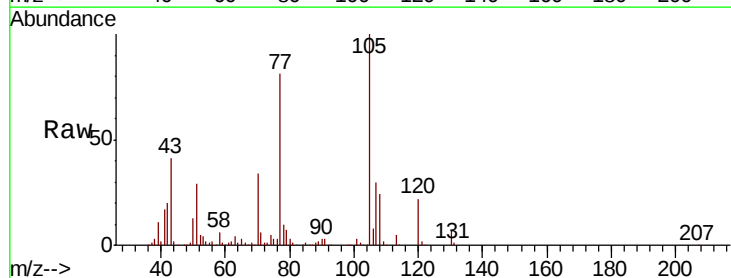


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

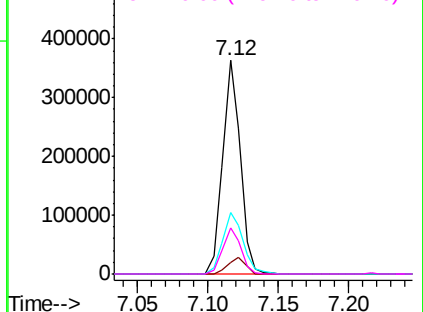
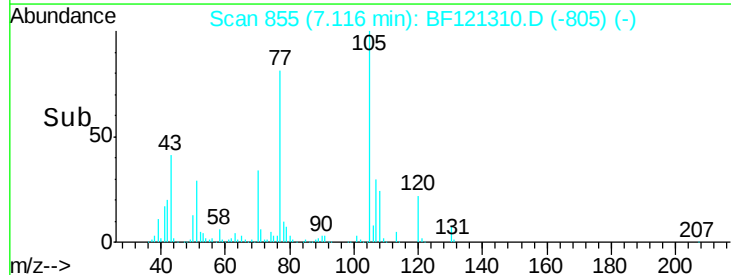


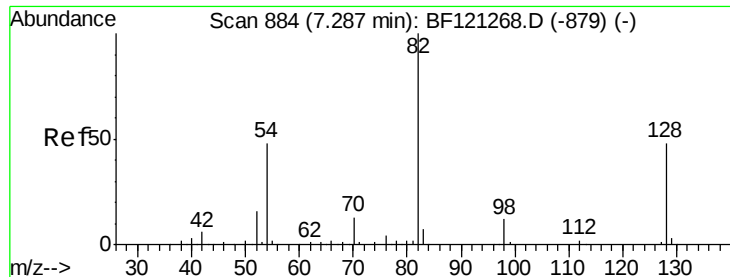
#22
Acetophenone
Concen: 38.121 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion:105	Resp:	316625
Ion	Ratio	Lower Upper
105	100	
71	5.6	7.1 10.7#
51	29.0	25.9 38.9
120	21.8	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

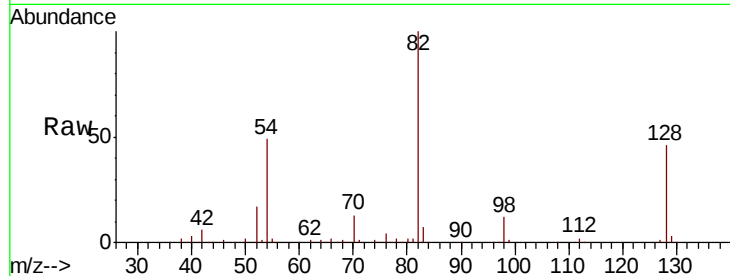




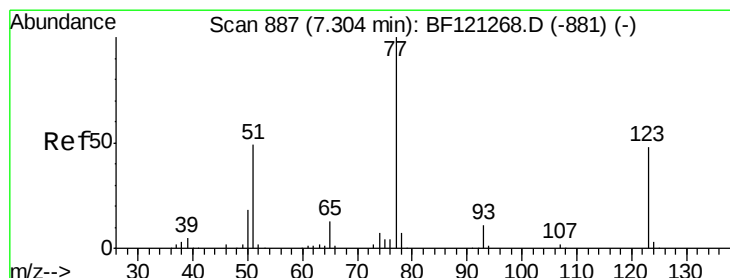
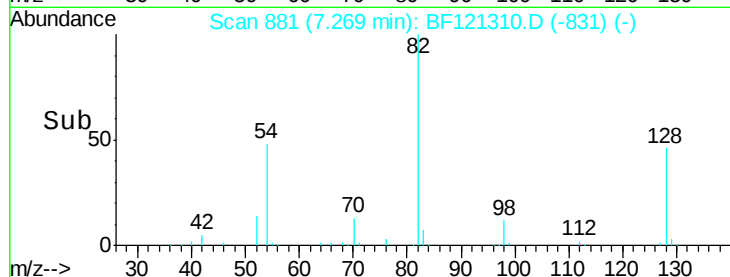
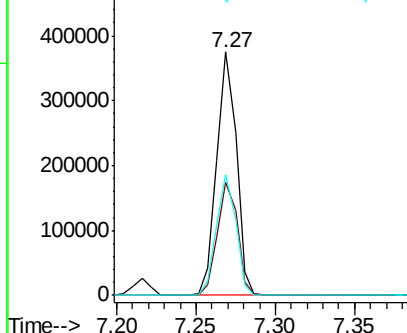
#23
Nitrobenzene-d5
Concen: 54.994 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

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

Tot Ion: 82 Resp: 324484
Ion Ratio Lower Upper
82 100
128 46.4 38.2 57.2
54 49.4 38.2 57.4

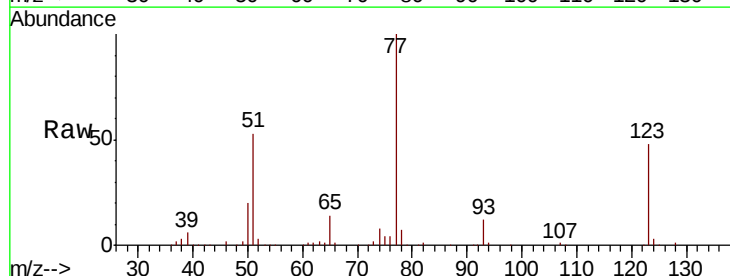


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

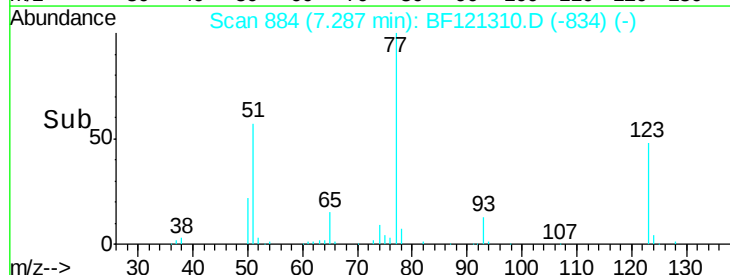
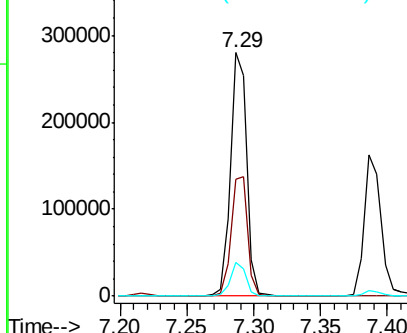


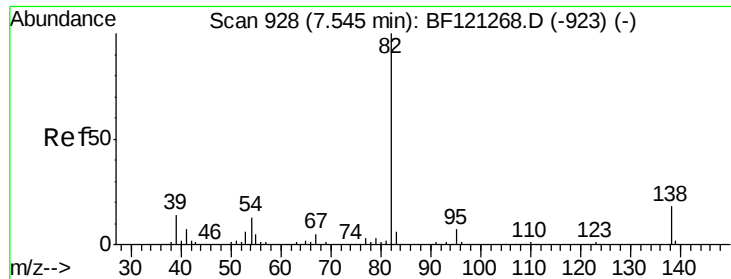
#24
Nitrobenzene
Concen: 37.757 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion: 77 Resp: 241730
Ion Ratio Lower Upper
77 100
123 48.1 40.3 60.5
65 13.6 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: 36.937 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

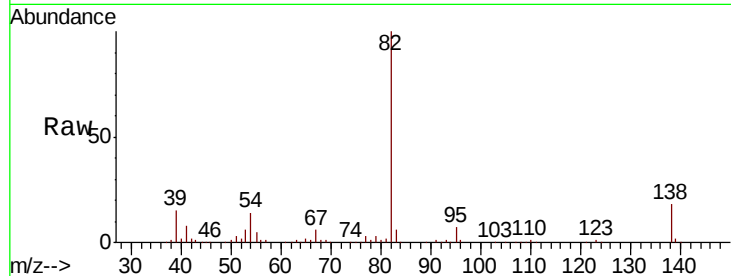
Tot Ion: 82 Resp: 437567

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 17.6 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

7.53

600000

500000

400000

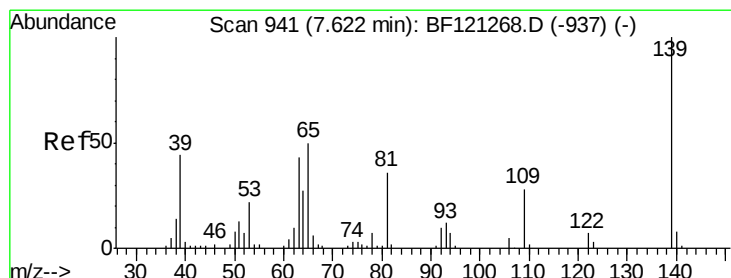
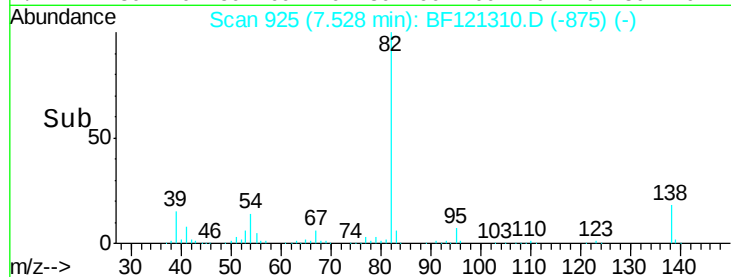
300000

200000

100000

0

Time-->



#26

2-Nitrophenol

Concen: 40.839 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

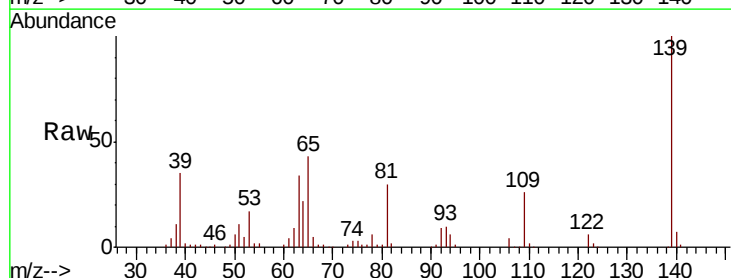
Tgt Ion: 139 Resp: 126686

Ion Ratio Lower Upper

139 100

109 26.2 20.8 31.2

65 42.7 36.4 54.6



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

7.61

200000

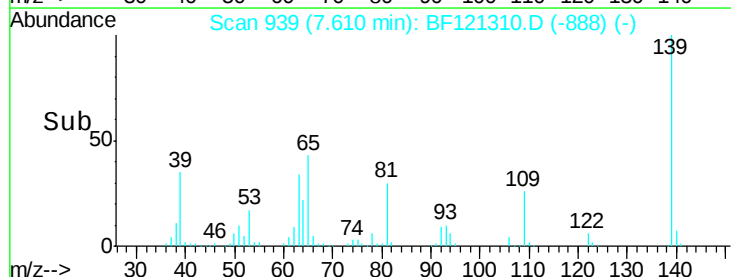
150000

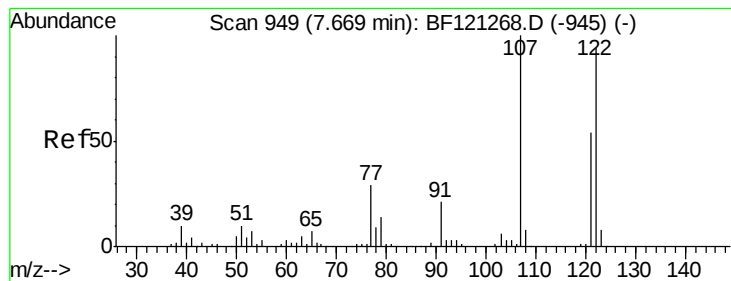
100000

50000

0

Time-->





#27

2,4-Dimethylphenol

Concen: 41.954 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

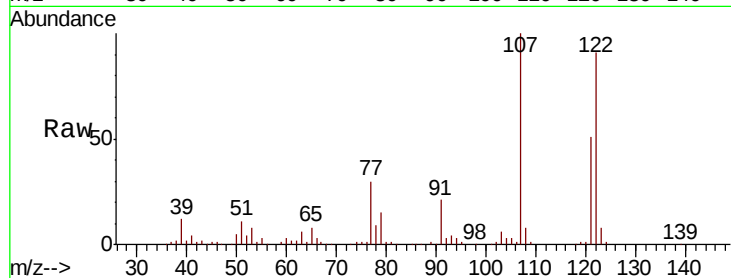
Tot Ion:122 Resp: 208520

Ion Ratio Lower Upper

122 100

107 110.4 87.2 130.8

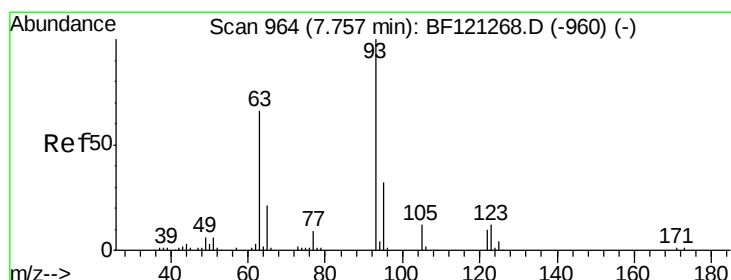
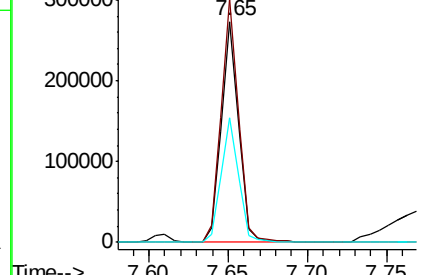
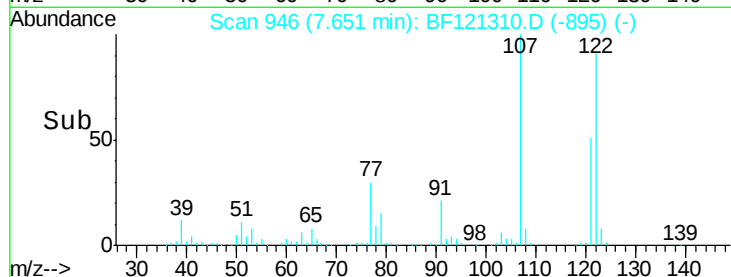
121 56.8 45.7 68.5



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: 42.658 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

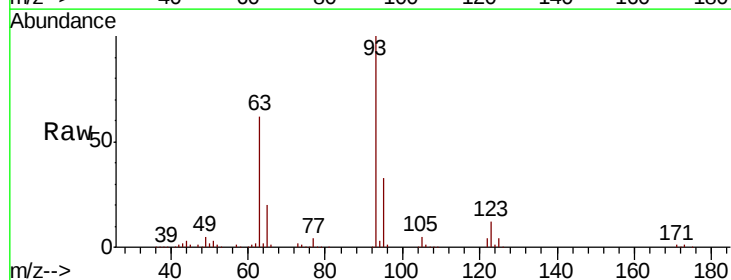
Tgt Ion: 93 Resp: 282654

Ion Ratio Lower Upper

93 100

95 33.1 26.7 40.1

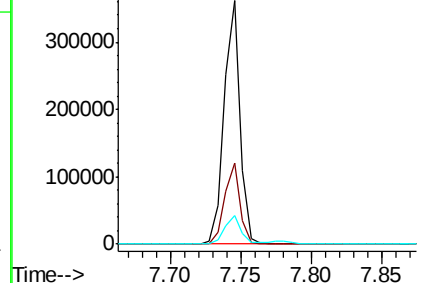
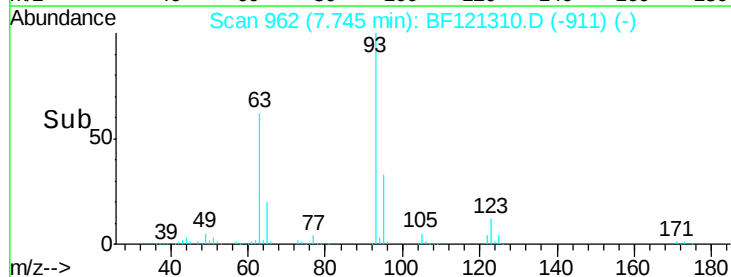
123 11.6 9.1 13.7

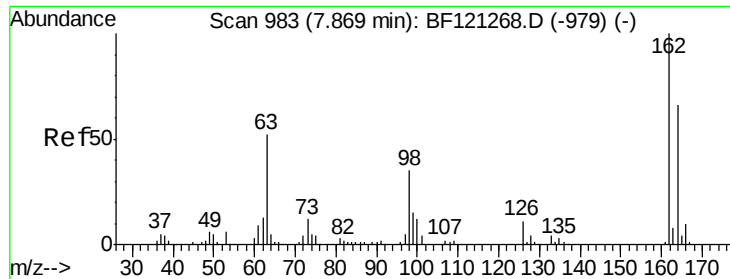


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

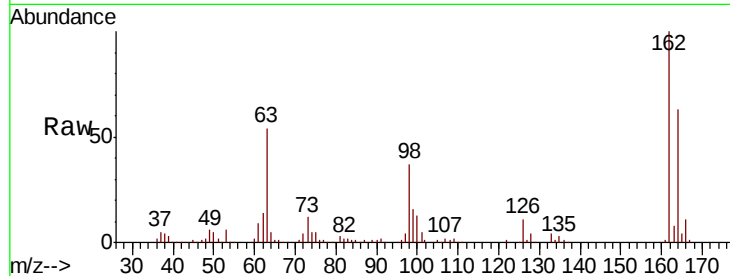




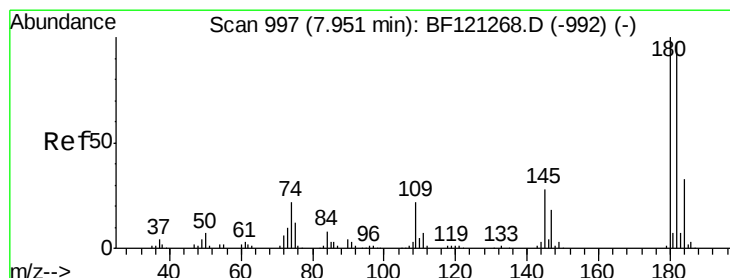
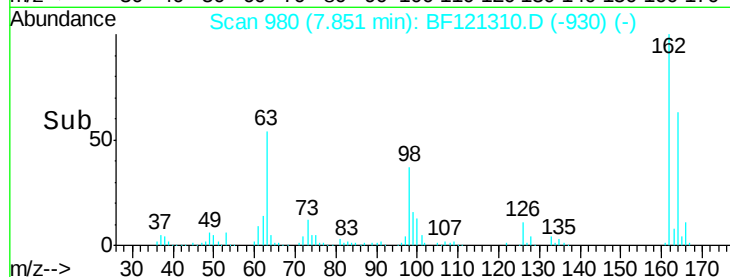
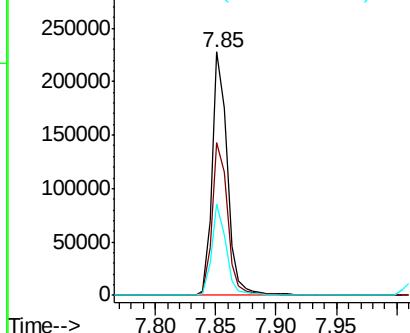
#29
2,4-Dichlorophenol
Concen: 38.831 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

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

Tot Ion:162 Resp: 197361
Ion Ratio Lower Upper
162 100
164 62.6 45.0 85.0
98 37.5 13.7 53.7

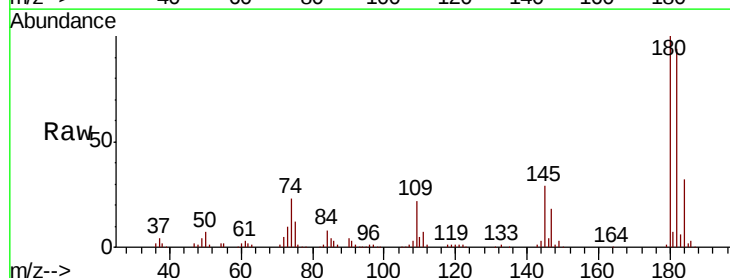


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

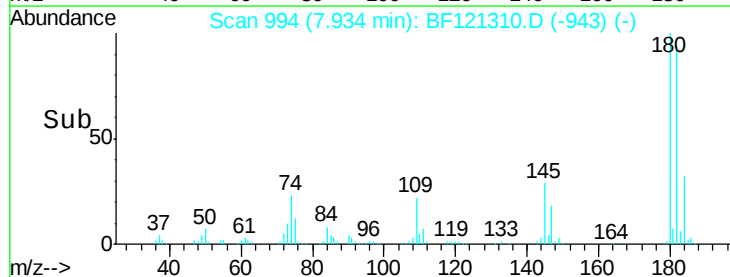
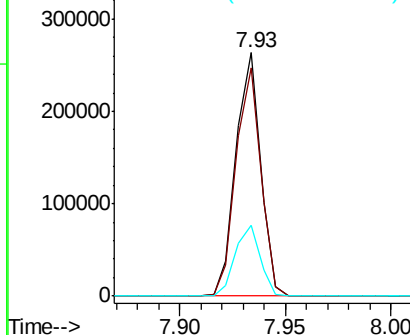


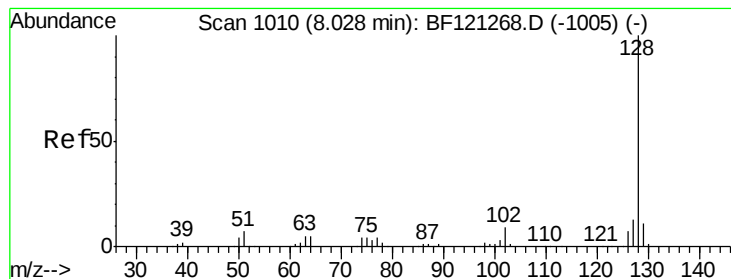
#30
1,2,4-Trichlorobenzene
Concen: 37.887 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion:180 Resp: 212531
Ion Ratio Lower Upper
180 100
182 94.0 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: 37.208 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

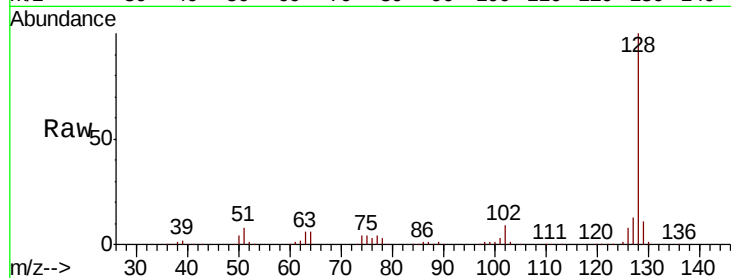
Tot Ion:128 Resp: 675035

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

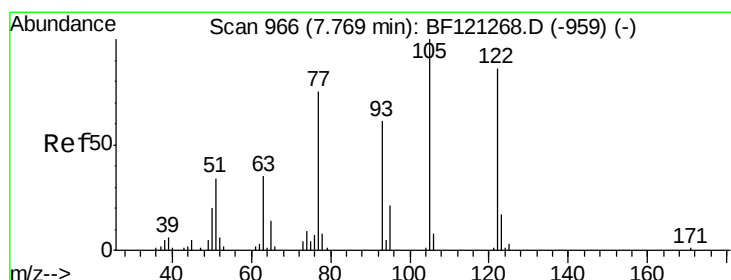
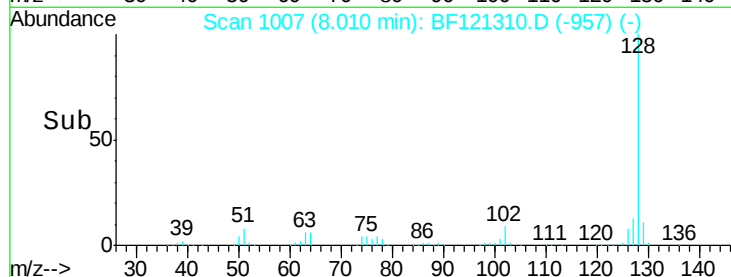
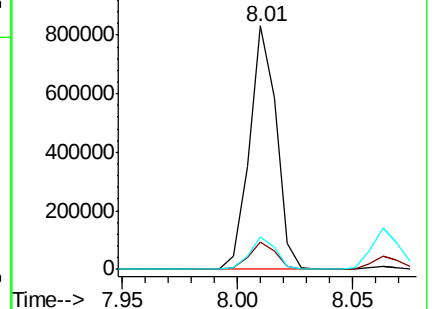
127 13.5 10.6 15.8



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: 41.782 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

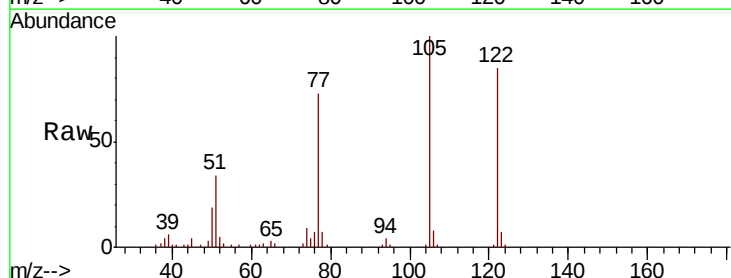
Tgt Ion:122 Resp: 111972

Ion Ratio Lower Upper

122 100

105 118.0 101.1 141.1

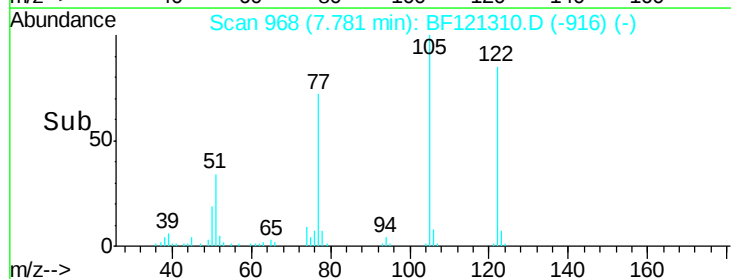
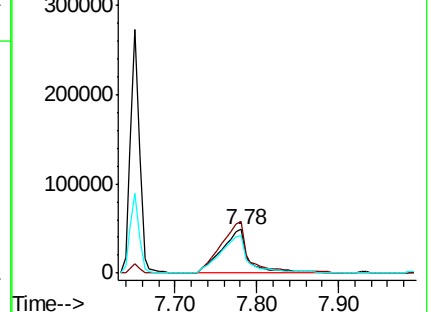
77 86.2 67.8 107.8

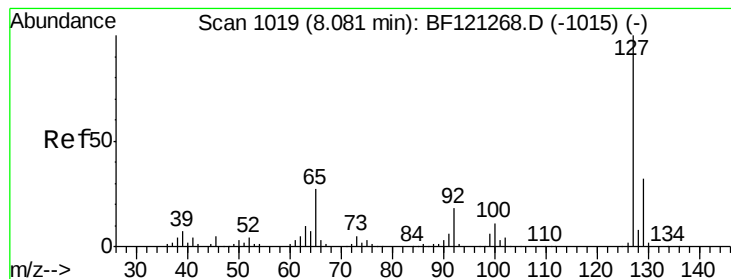


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 18.180 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Tot Ion:127 Resp: 134601

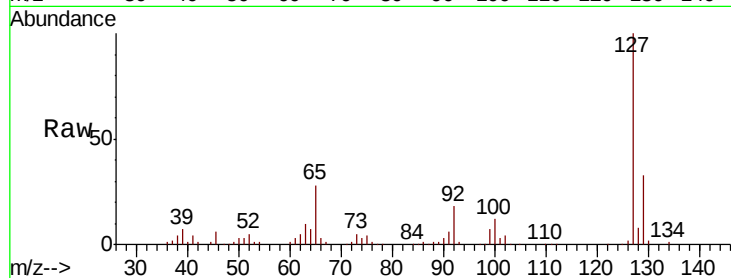
Ion Ratio Lower Upper

127 100

129 33.2 25.7 38.5

65 28.4 22.9 34.3

92 18.1 15.0 22.4

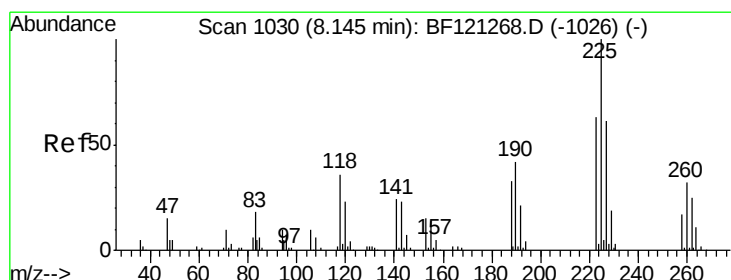
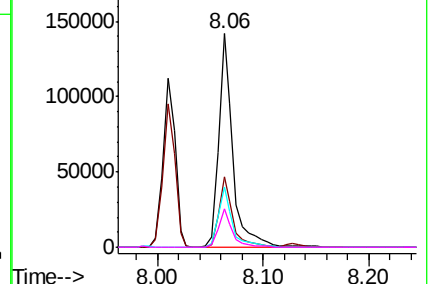
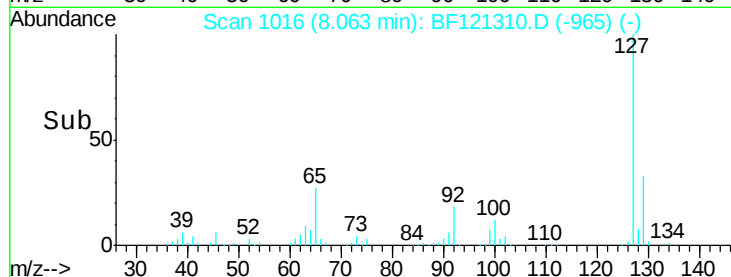


Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.918 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

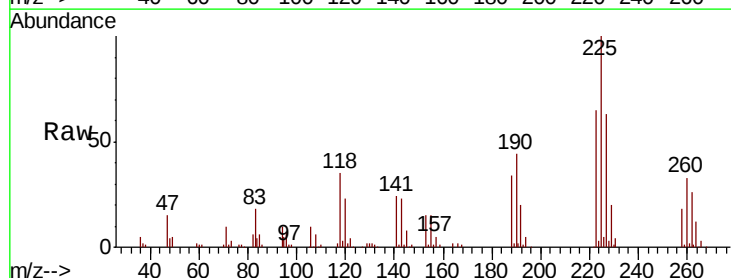
Tgt Ion:225 Resp: 121909

Ion Ratio Lower Upper

225 100

223 64.5 51.0 76.4

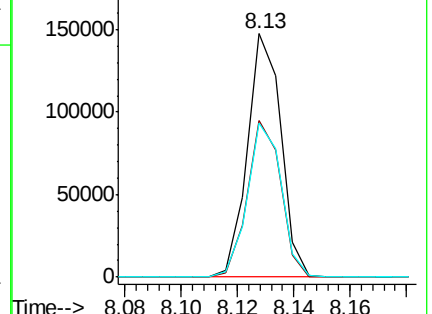
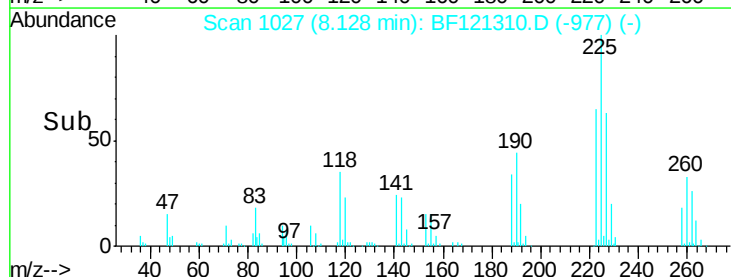
227 63.2 51.0 76.4

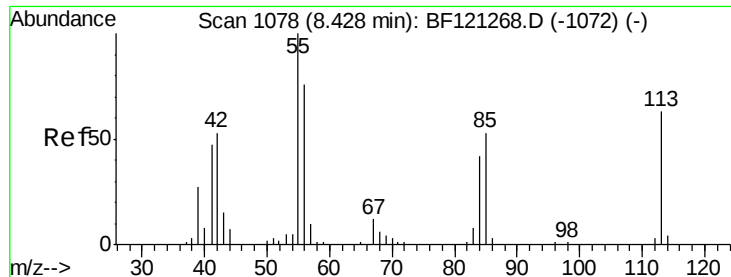


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

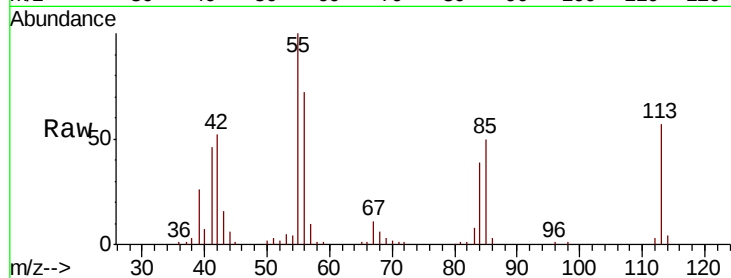




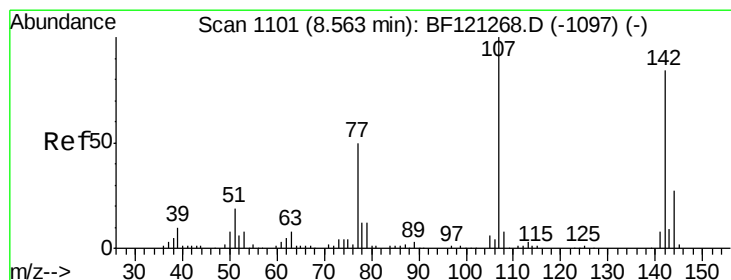
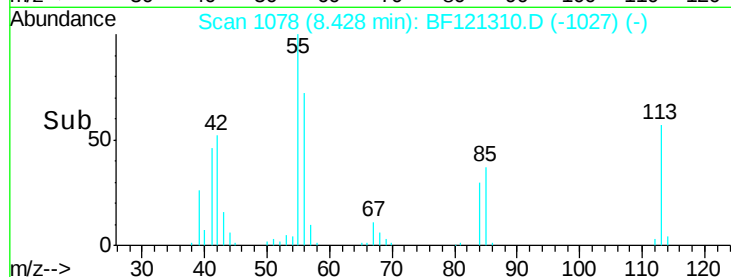
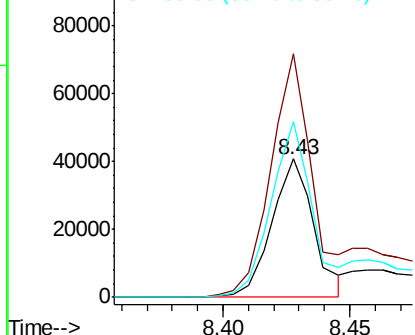
#35
 Caprolactam
 Concen: 30.724 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

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

Tot Ion:113 Resp: 47035
 Ion Ratio Lower Upper
 113 100
 55 176.0 146.1 186.1
 56 127.0 103.3 143.3

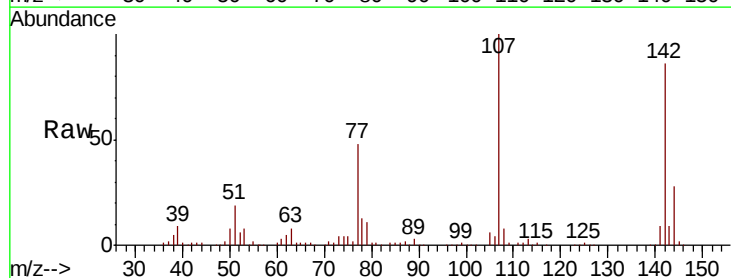


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

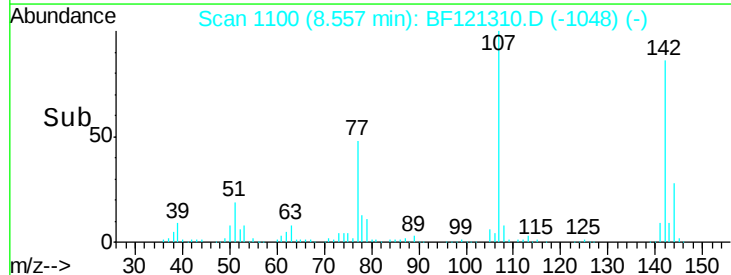
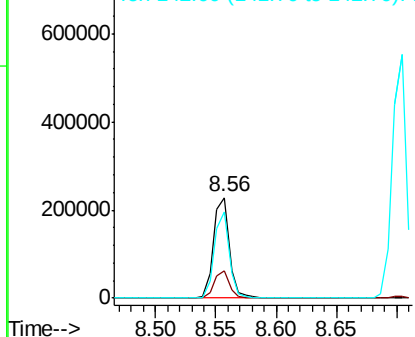


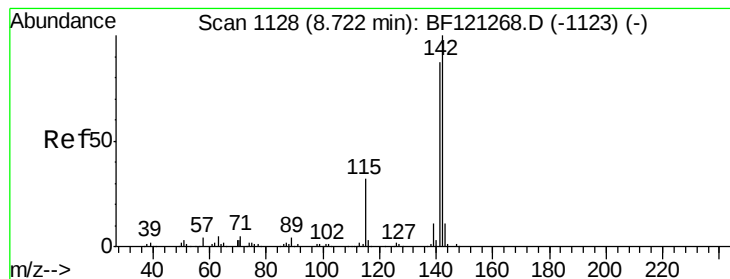
#36
 4-Chloro-3-methylphenol
 Concen: 39.522 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion:107 Resp: 204945
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.4 30.6
 142 86.1 63.8 95.8



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





#37

2-Methylnaphthalene

Concen: 38.099 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

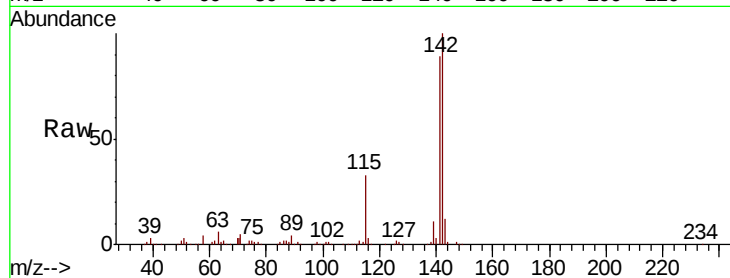
Tot Ion:142 Resp: 454848

Ion Ratio Lower Upper

142 100

141 88.6 69.2 103.8

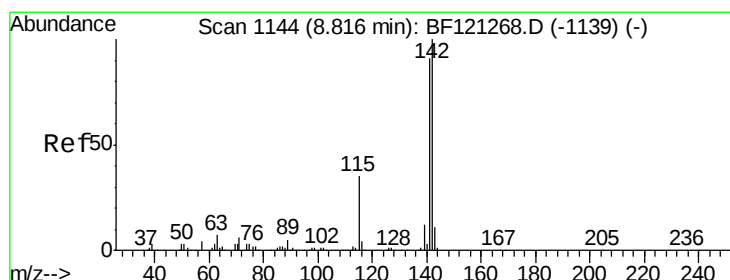
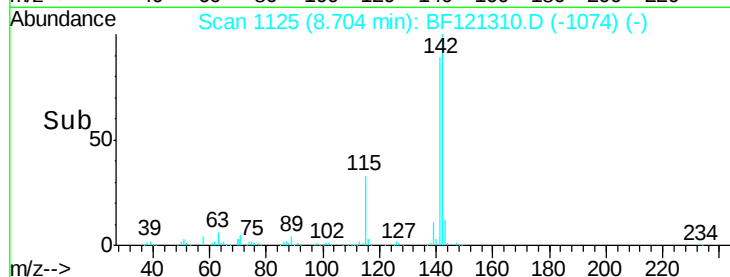
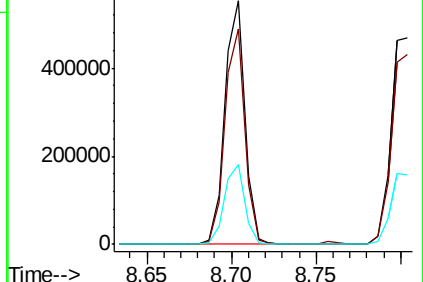
115 32.7 25.8 38.8



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: 37.896 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

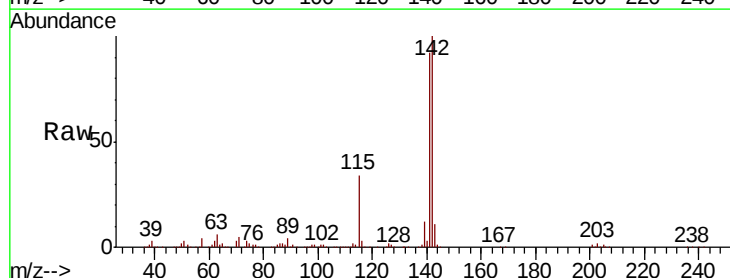
Tgt Ion:142 Resp: 428373

Ion Ratio Lower Upper

142 100

141 92.1 72.6 109.0

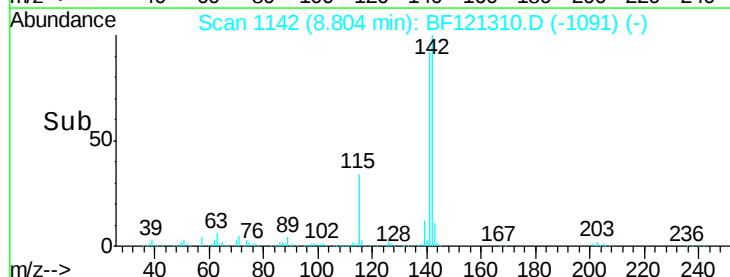
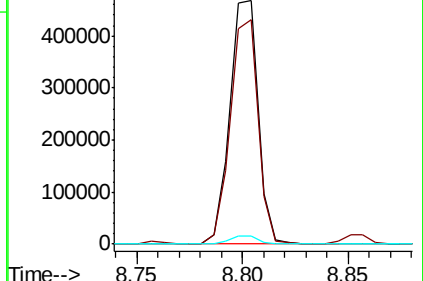
116 3.3 2.8 4.2

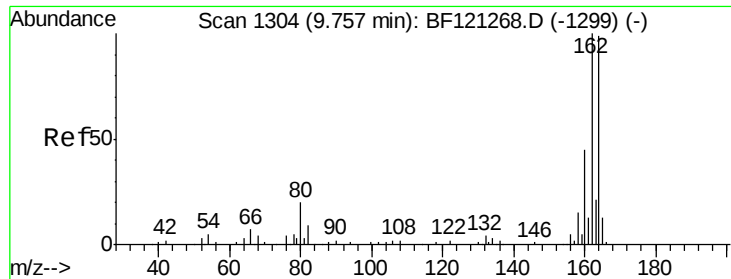


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

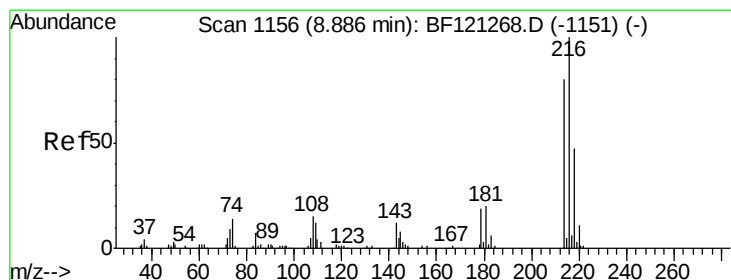
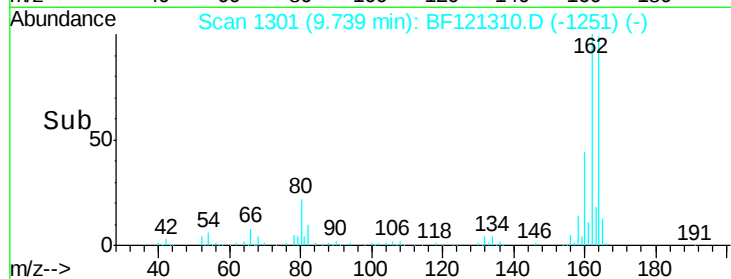
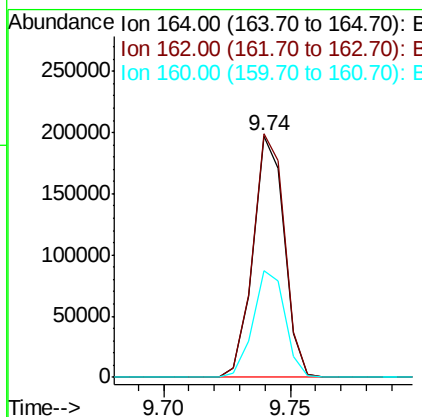
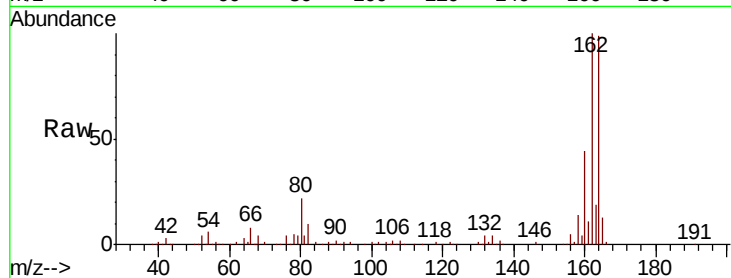




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

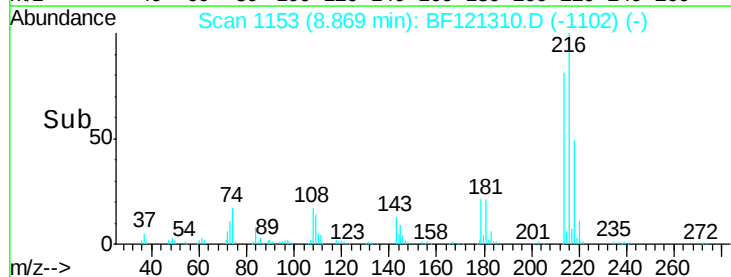
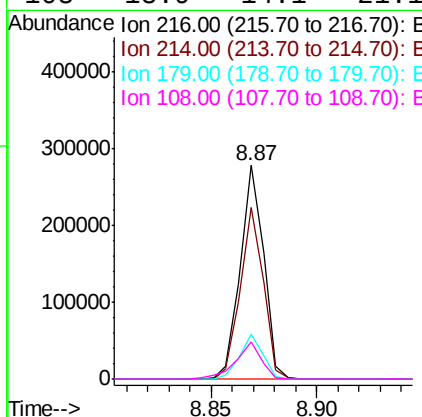
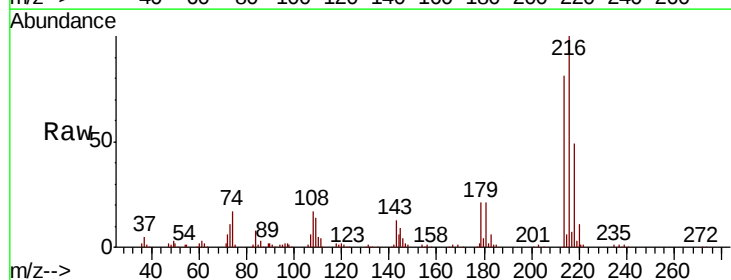
Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

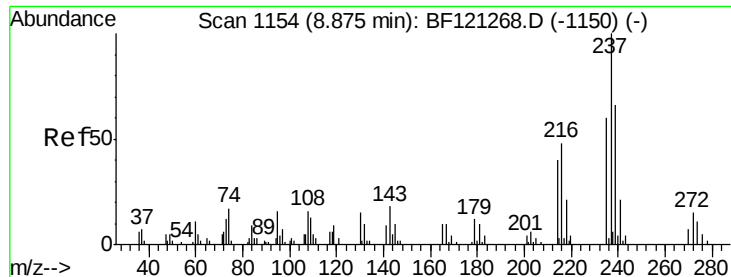
Tot Ion:164	Resp:	169336
Ion Ratio	Lower	Upper
164	100	
162	100.9	80.2 120.2
160	44.4	36.5 54.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.528 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion:216	Resp:	212933
Ion Ratio	Lower	Upper
216	100	
214	79.6	63.2 94.8
179	20.5	15.8 23.6
108	18.9	14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 61.784 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

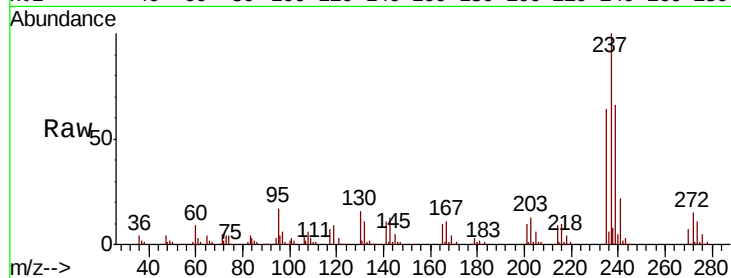
Tot Ion:237 Resp: 128218

Ion Ratio Lower Upper

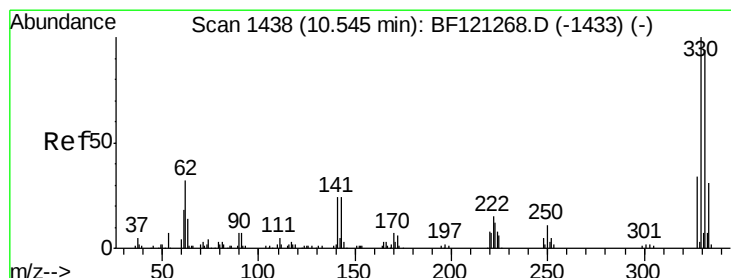
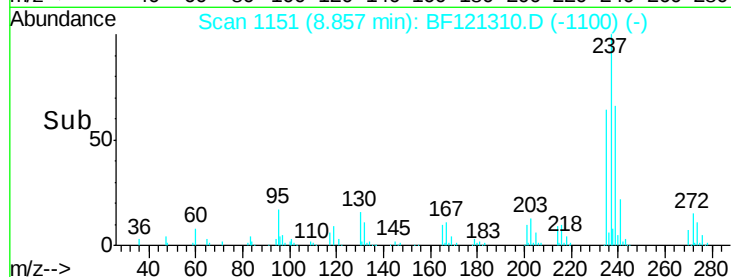
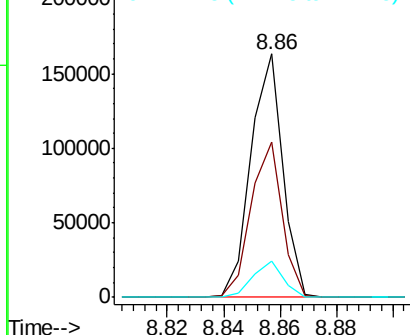
237 100

235 63.6 41.5 81.5

272 14.7 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: 76.989 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

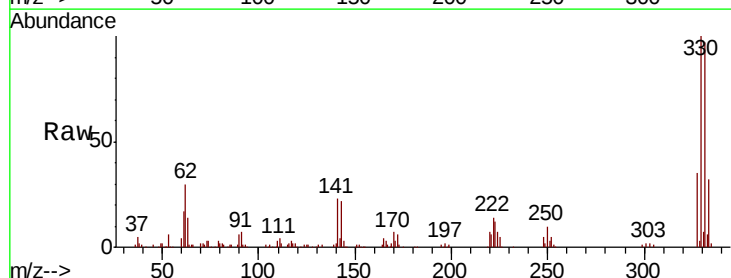
Tgt Ion:330 Resp: 160512

Ion Ratio Lower Upper

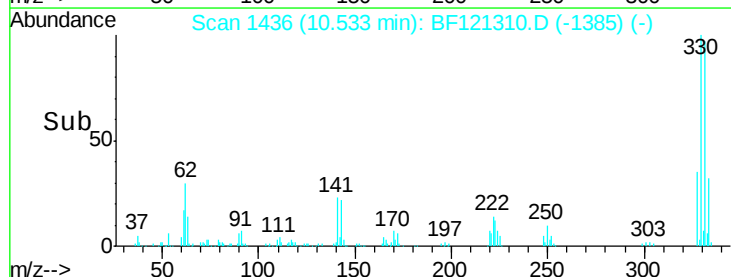
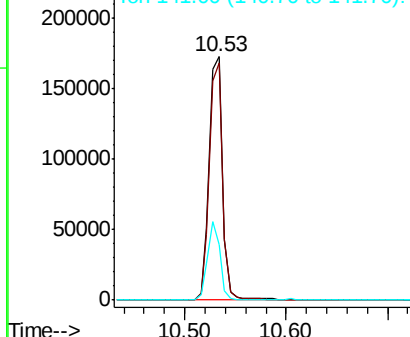
330 100

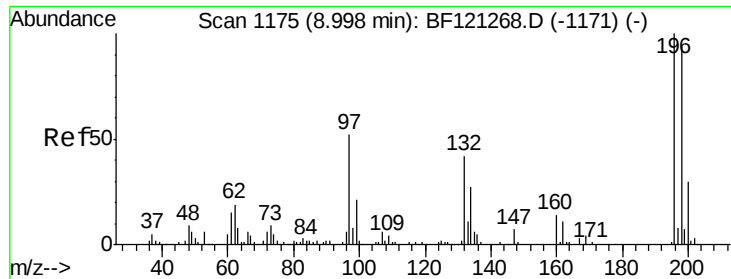
332 95.8 77.4 116.0

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

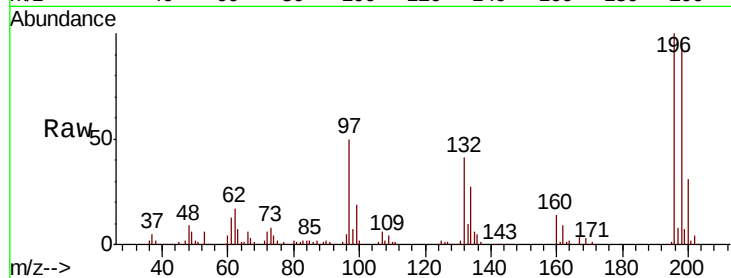




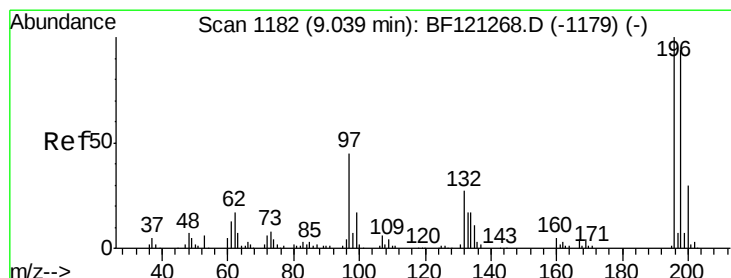
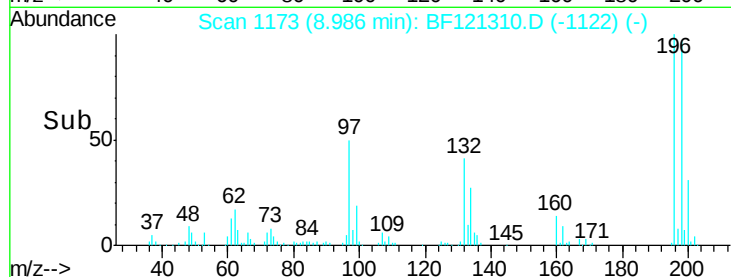
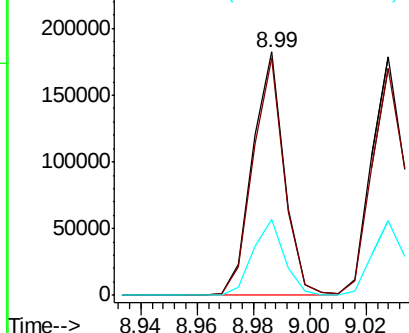
#43
 2,4,6-Trichlorophenol
 Concen: 39.420 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.9	115.3
200	31.3	24.6	37.0



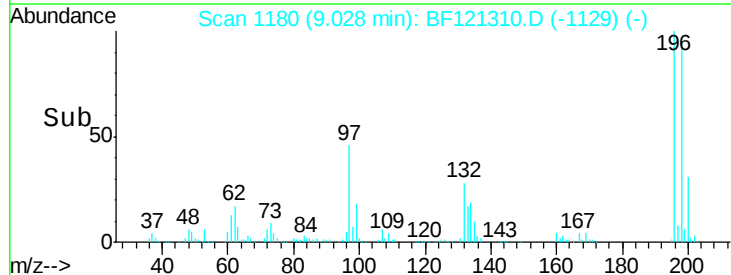
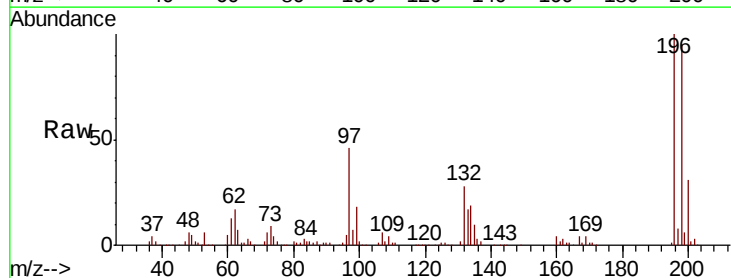
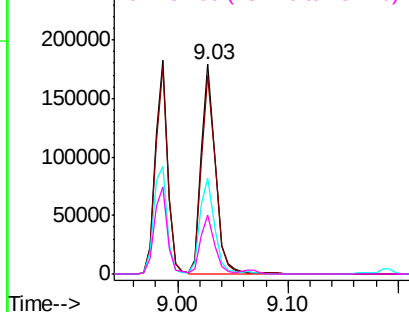
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

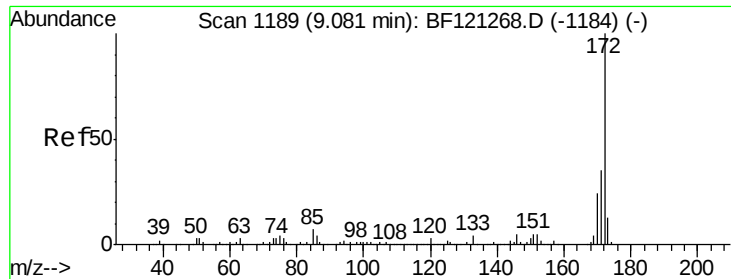


#44
 2,4,5-Trichlorophenol
 Concen: 39.383 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.5	113.3
97	45.6	39.4	59.2
132	27.9	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

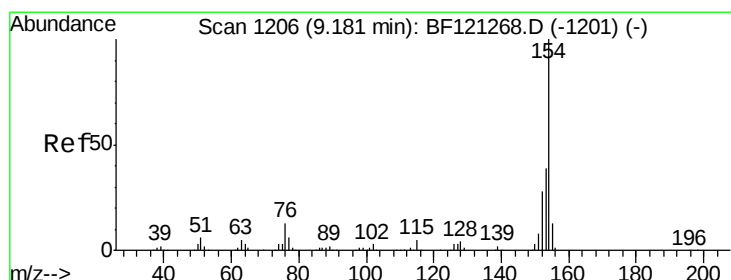
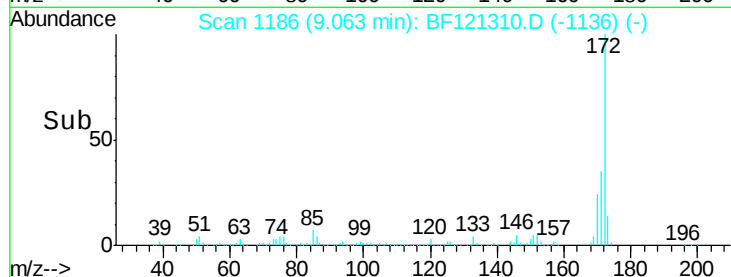
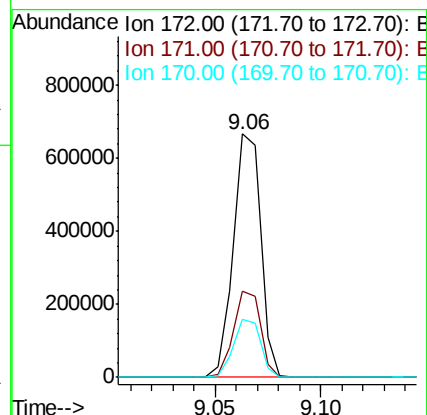
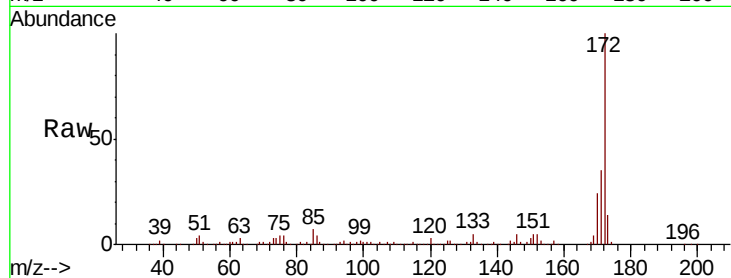




#45
2-Fluorobiphenyl
Concen: 48.504 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

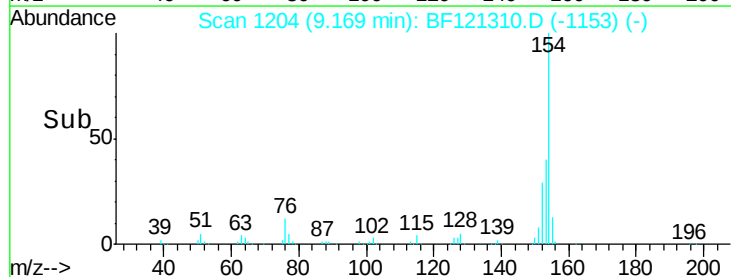
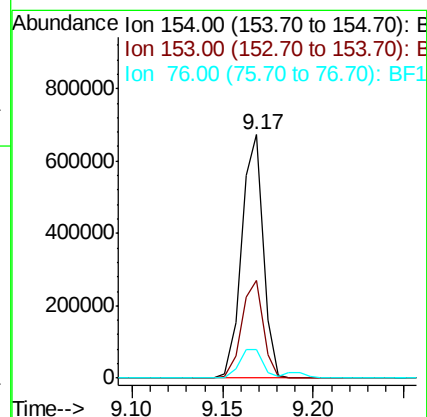
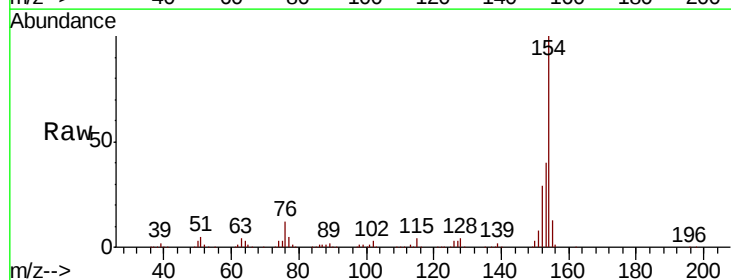
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

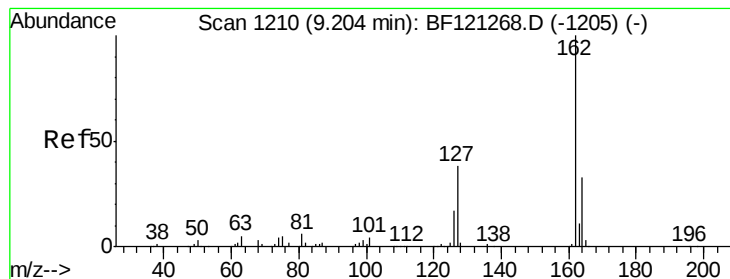
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.7	19.3	28.9



#46
1,1'-Biphenyl
Concen: 37.986 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	11.7	0.0	31.9

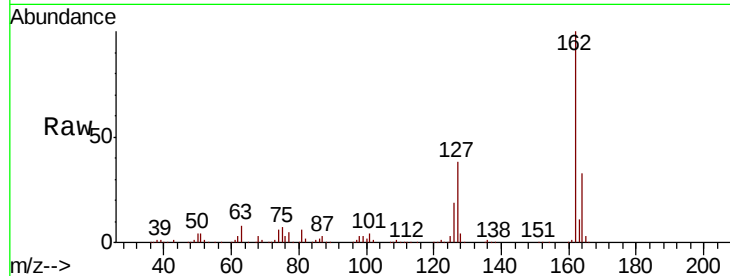




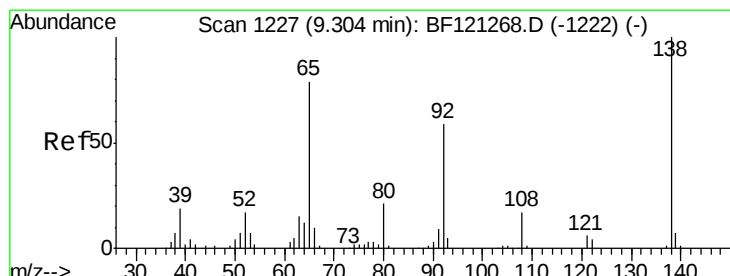
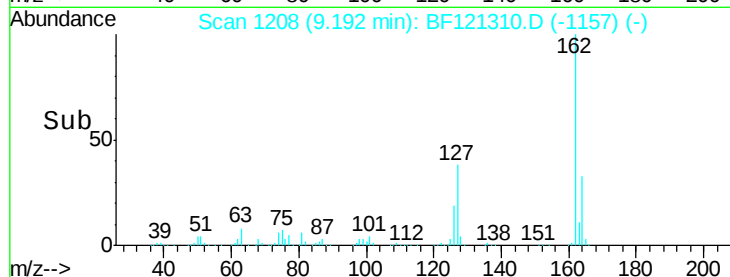
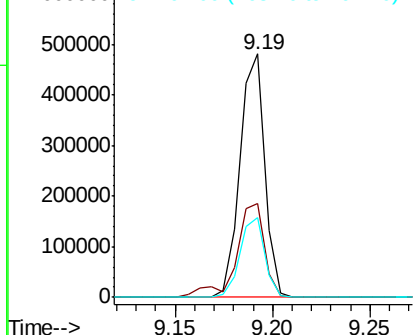
#47
 2-Chloronaphthalene
 Concen: 37.504 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

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

Tot Ion:	162	Resp:	422416
Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.4	47.2
164	32.9	26.5	39.7

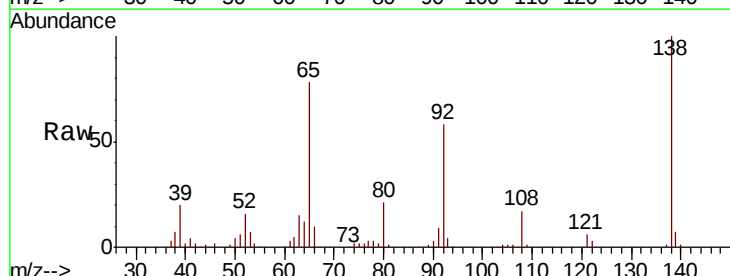


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

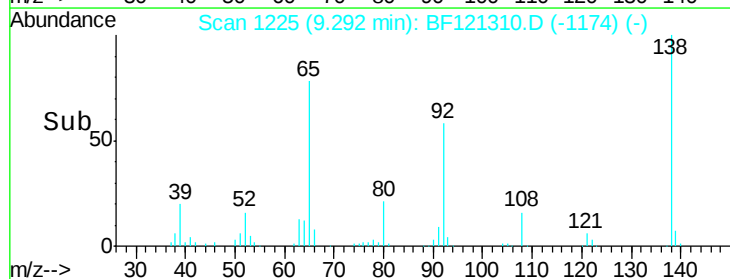
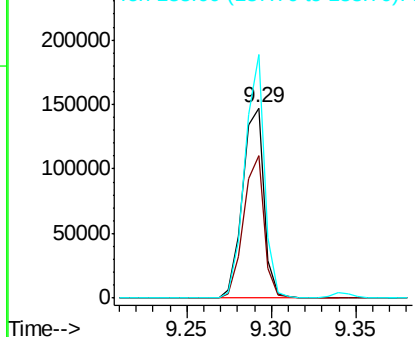


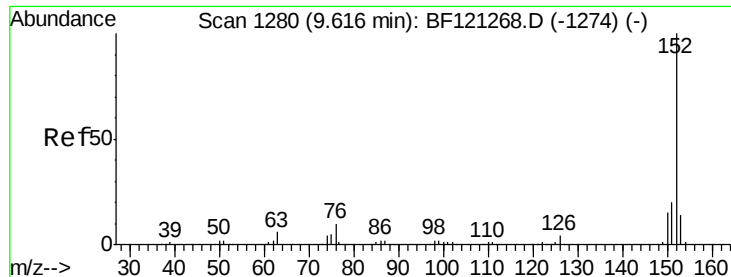
#48
 2-Nitroaniline
 Concen: 41.350 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion:	65	Resp:	130910
Ion	Ratio	Lower	Upper
65	100		
92	74.7	58.2	87.2
138	128.1	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: 38.166 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

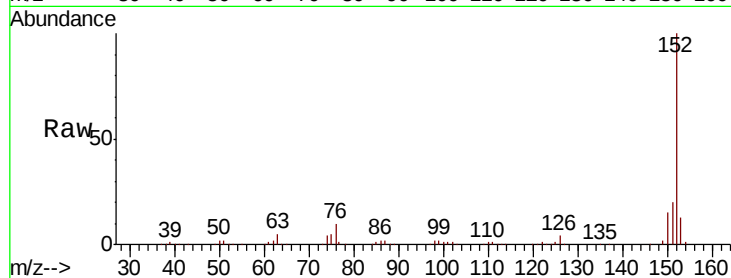
Tot Ion:152 Resp: 682754

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

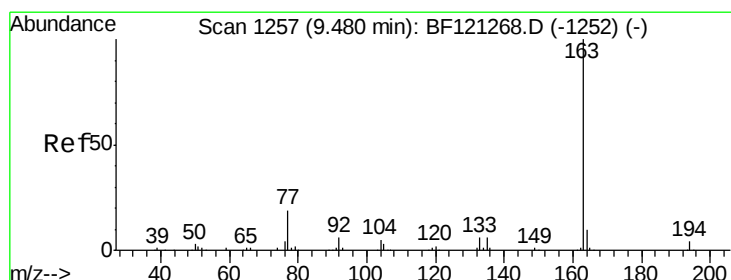
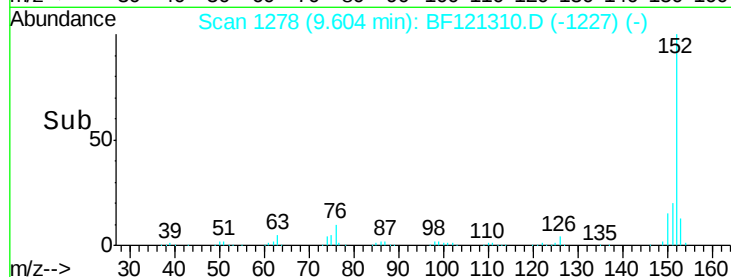
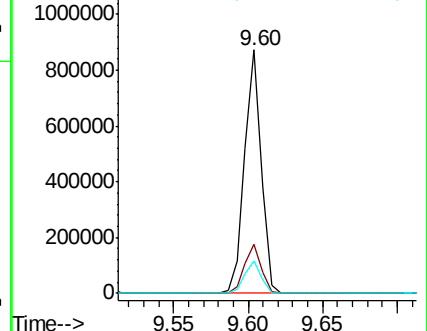
153 13.1 10.6 15.8



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: 48.466 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

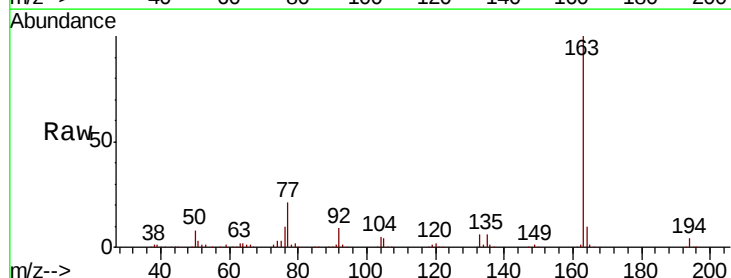
Tgt Ion:163 Resp: 617564

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

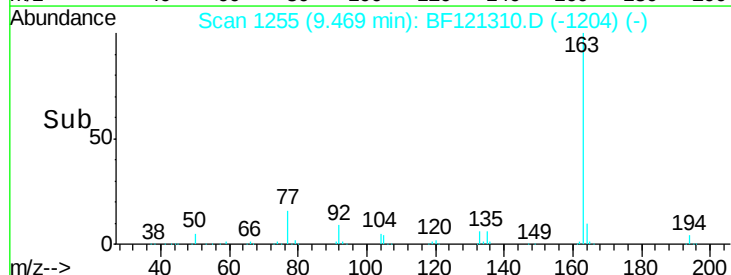
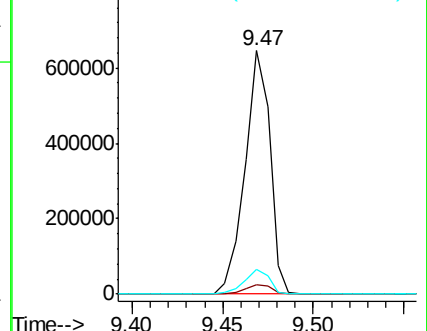
164 10.4 8.4 12.6

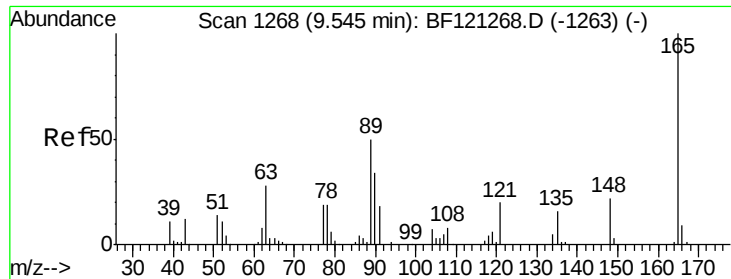


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

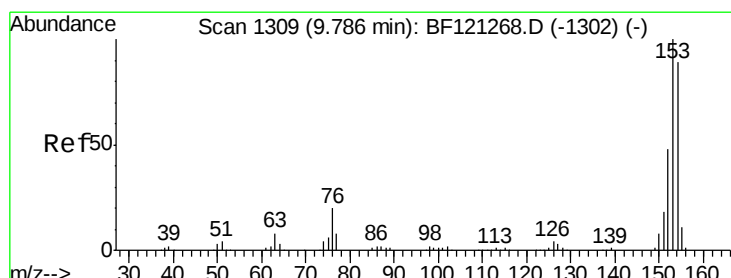
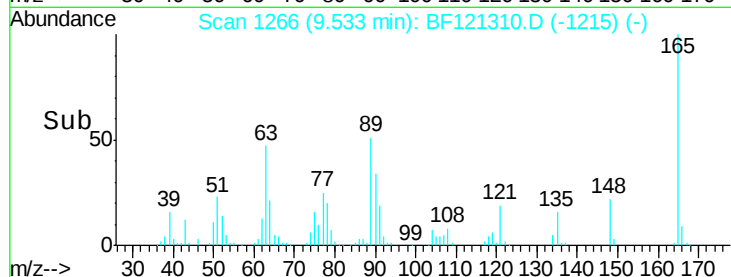
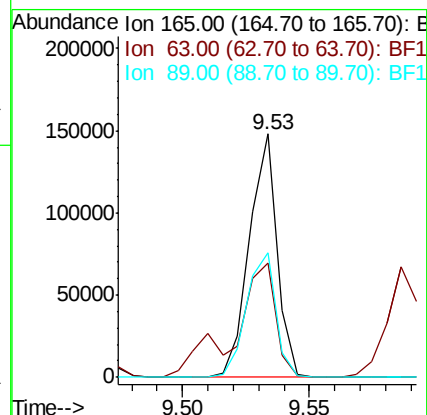
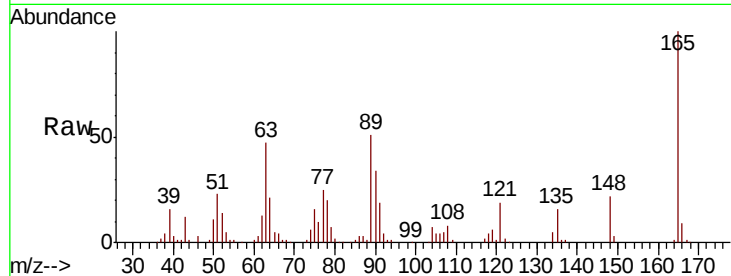




#51
2,6-Dinitrotoluene
Concen: 39.592 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

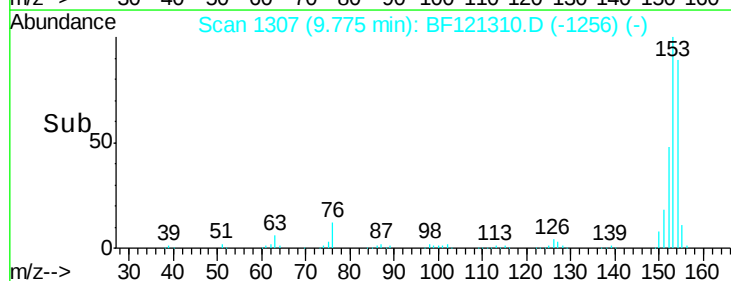
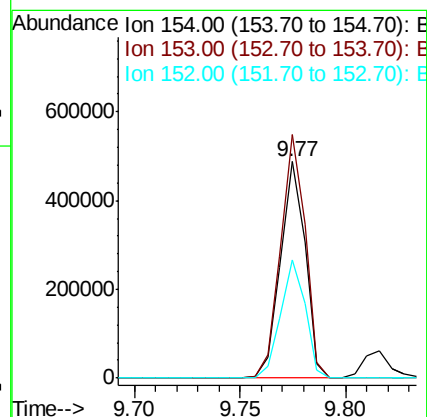
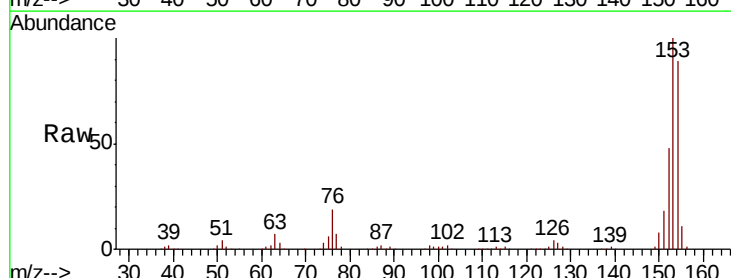
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

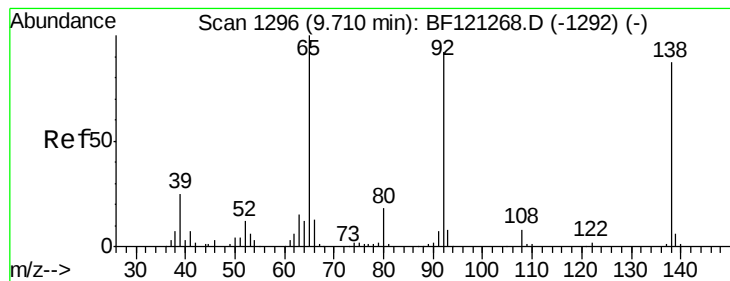
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	42.0	63.0
89	51.3	44.7	67.1



#52
Acenaphthene
Concen: 37.642 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.0	132.0
152	54.5	43.0	64.4





#53

3-Nitroaniline

Concen: 22.654 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

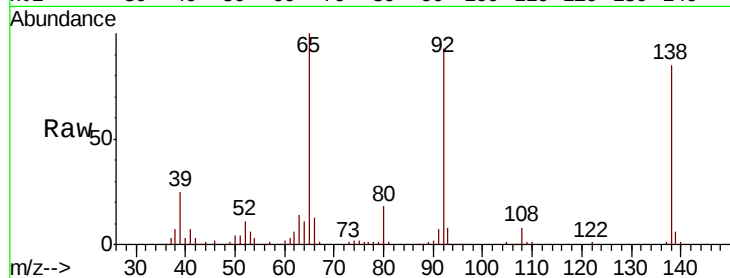
Tot Ion:138 Resp: 73470

Ion Ratio Lower Upper

138 100

108 9.2 7.6 11.4

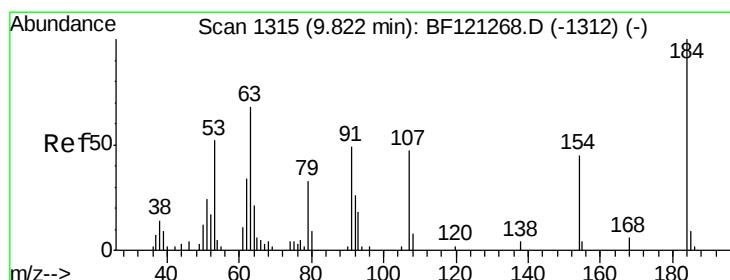
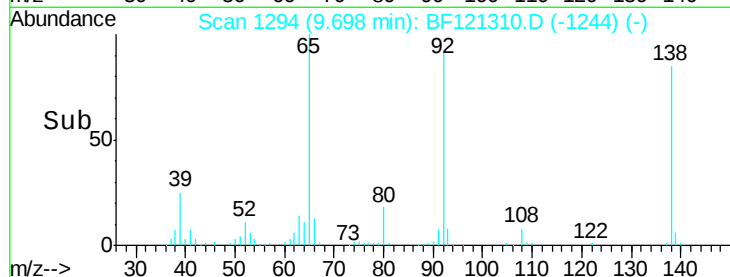
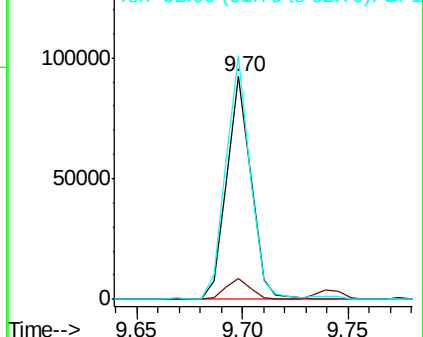
92 109.3 82.6 123.8



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: 67.695 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

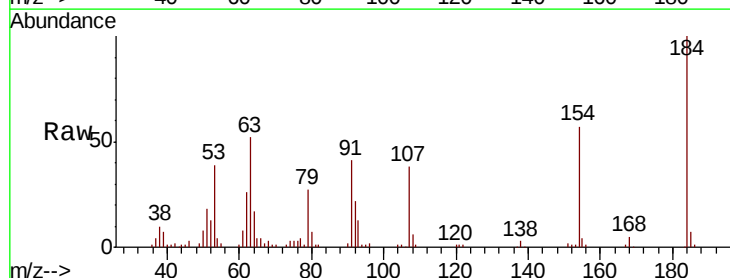
Tgt Ion:184 Resp: 99064

Ion Ratio Lower Upper

184 100

63 52.3 45.3 67.9

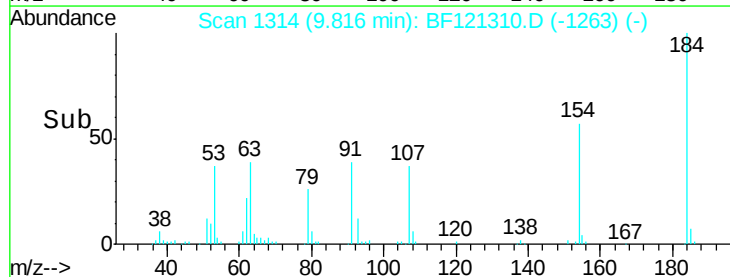
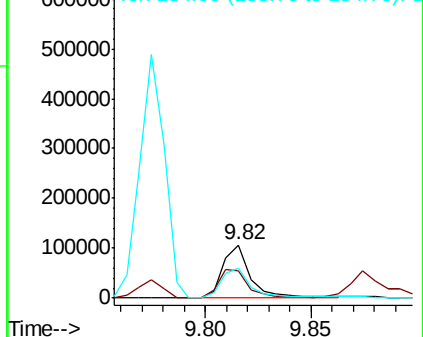
154 56.7 46.4 69.6

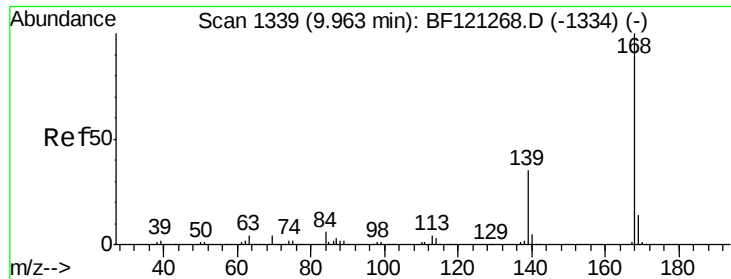


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

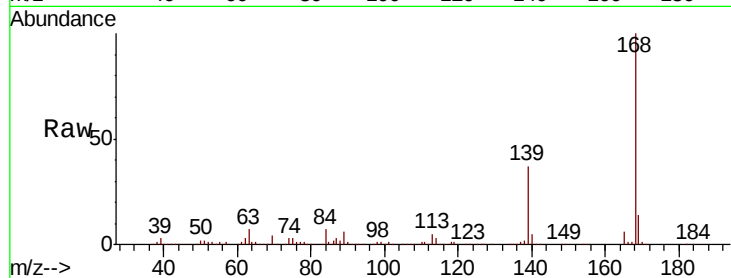




#55
Dibenzenofuran
Concen: 36.273 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	27.9	41.9
169	13.7	10.5	15.7

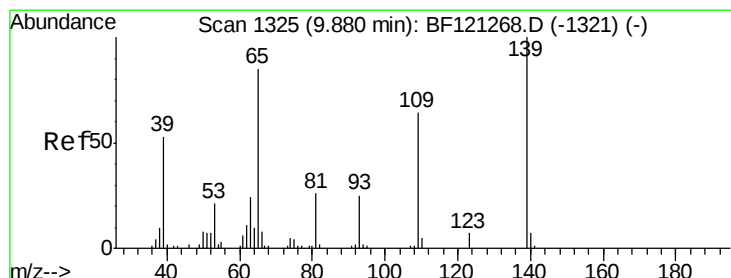
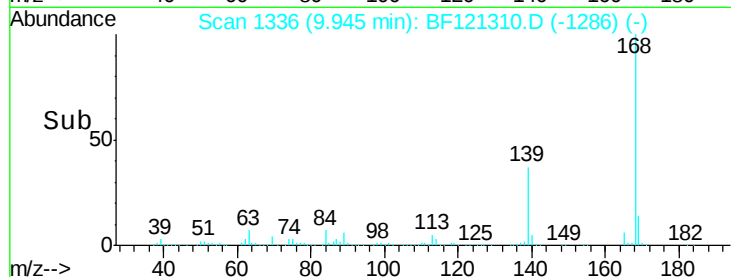
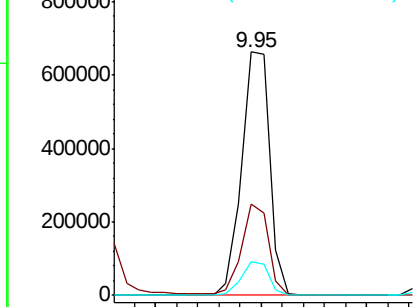


Abundance

Ion 168.00 (167.70 to 168.70): E

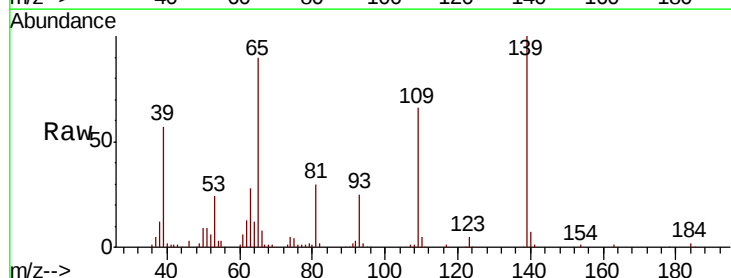
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 88.898 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	44.3	84.3
65	90.1	62.4	102.4

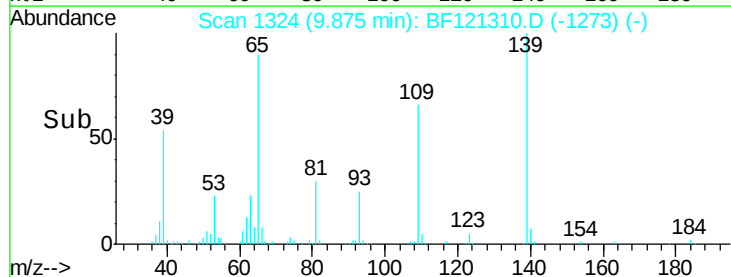
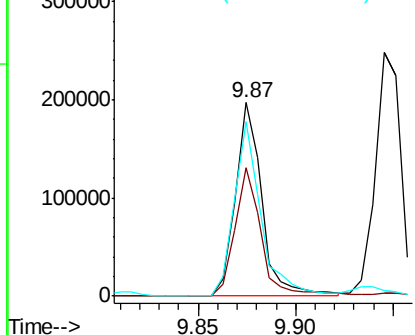


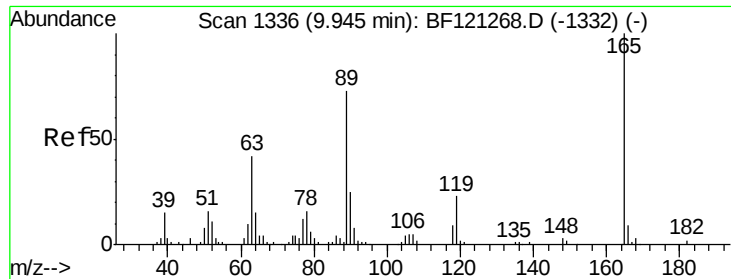
Abundance

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

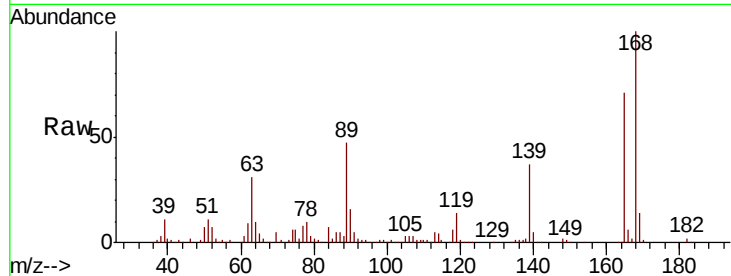




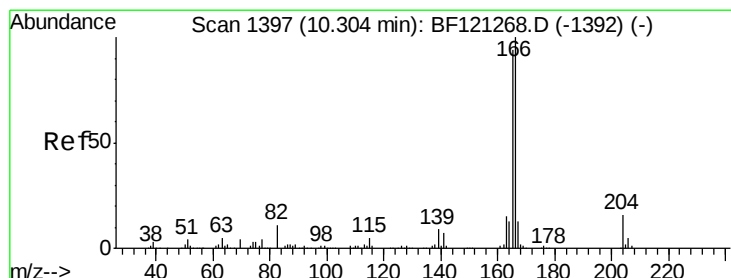
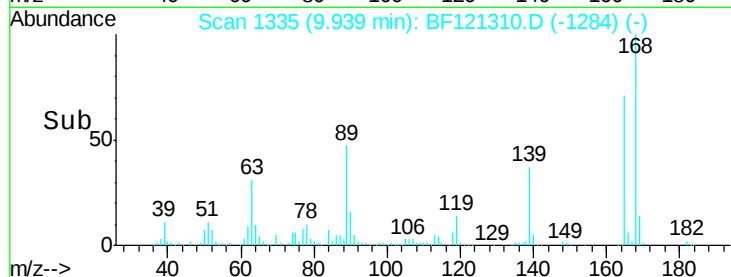
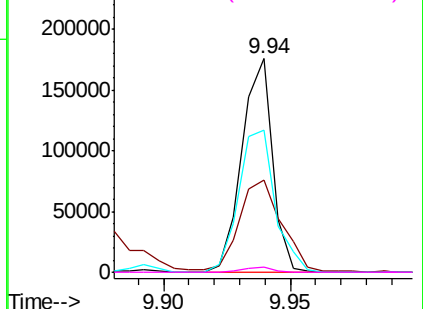
#57
 2,4-Dinitrotoluene
 Concen: 39.654 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

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

Tot Ion:165	Resp:	147815
Ion Ratio	Lower	Upper
165	100	
63	43.4	31.7 47.5
89	66.4	52.8 79.2
182	2.6	2.1 3.1

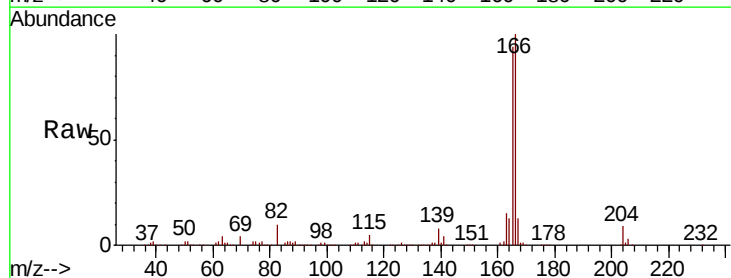


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

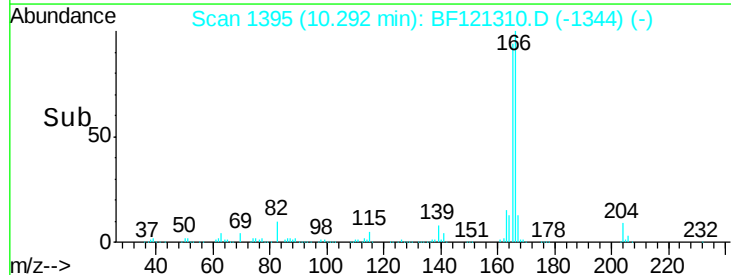
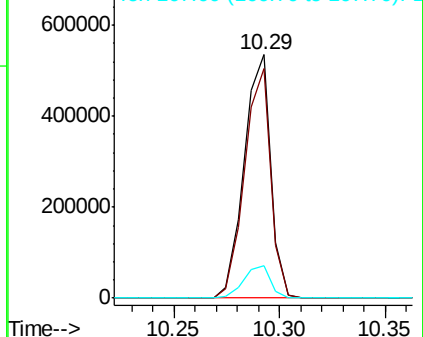


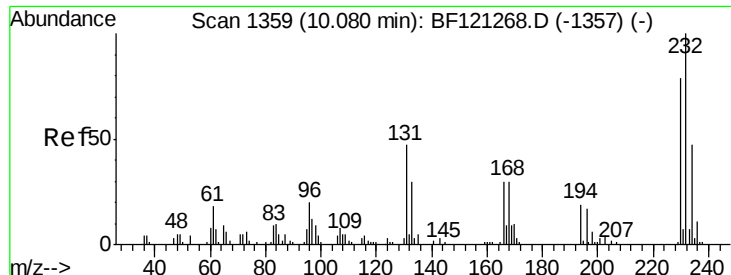
#58
 Fluorene
 Concen: 36.462 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion:166	Resp:	465540
Ion Ratio	Lower	Upper
166	100	
165	94.2	74.5 111.7
167	13.2	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

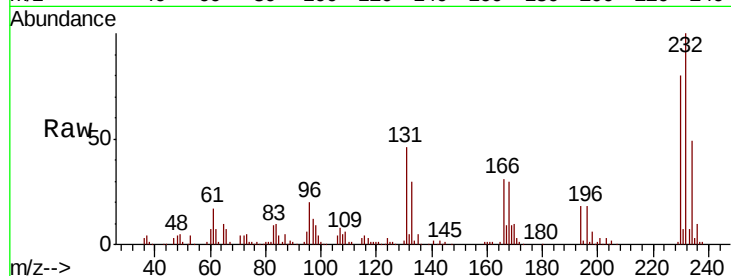




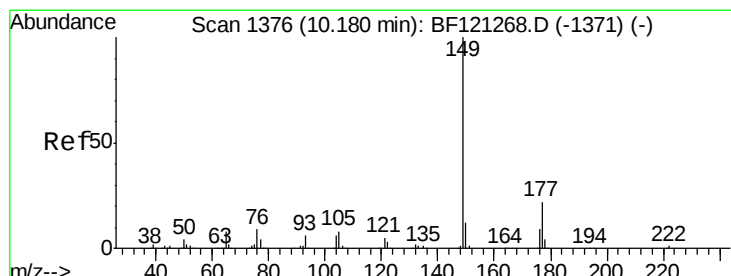
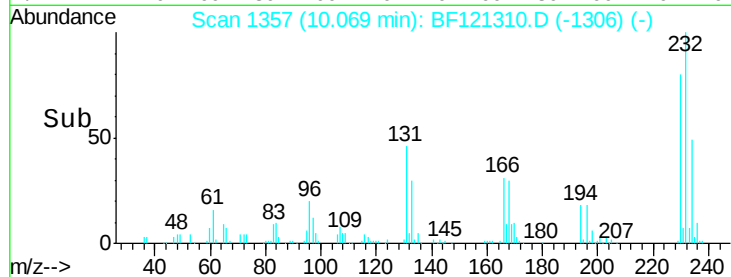
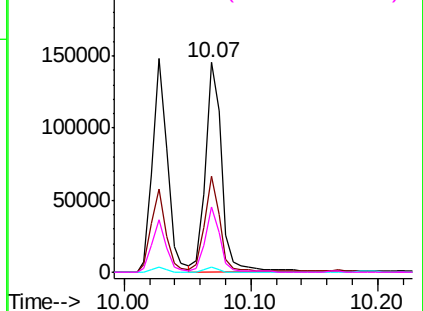
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.984 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

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

Tot Ion:	232	Resp:	130105
Ion	Ratio	Lower	Upper
232	100		
131	42.8	33.6	50.4
130	2.1	1.4	2.2
166	29.3	22.9	34.3

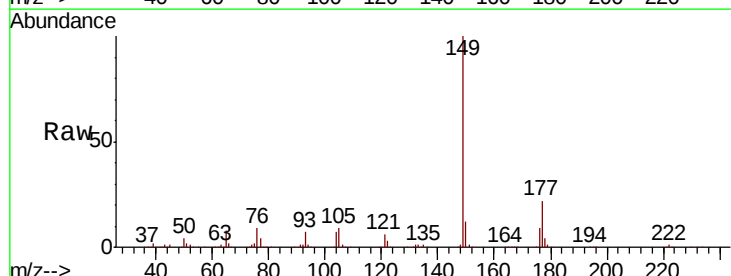


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

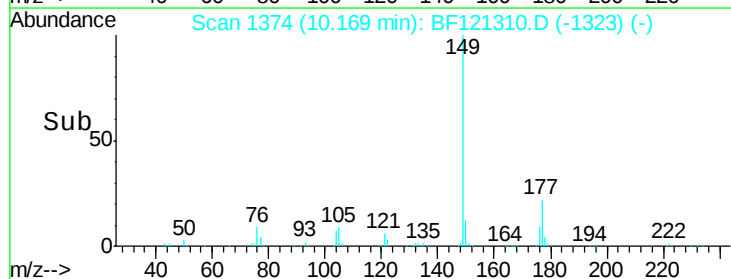
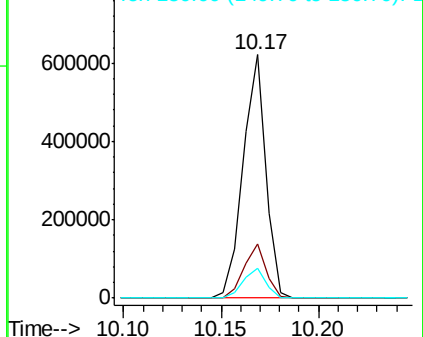


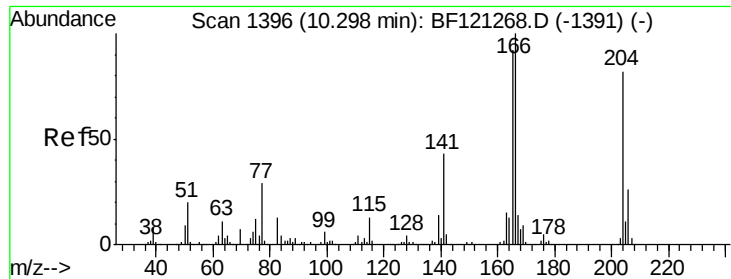
#60
 Diethylphthalate
 Concen: 38.737 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion:	149	Resp:	501940
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.3	25.9
150	12.5	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

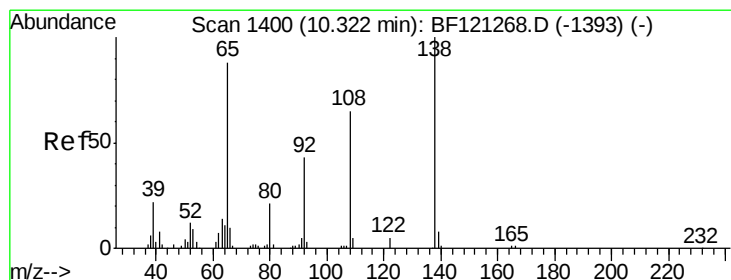
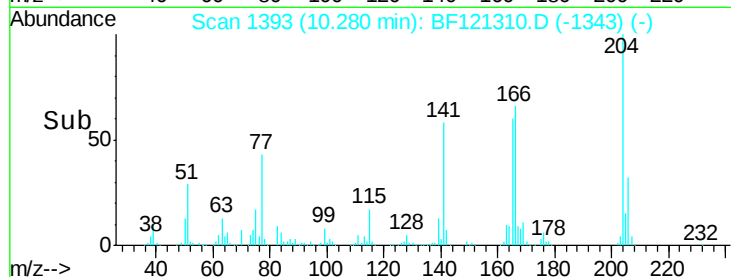
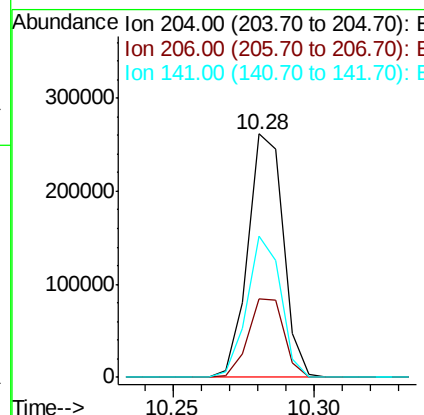
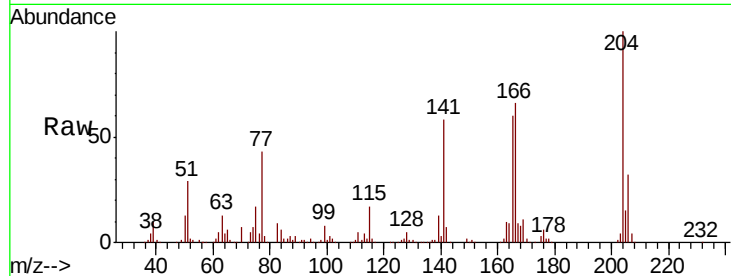




#61
4-Chlorophenyl-phenylether
Concen: 36.540 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

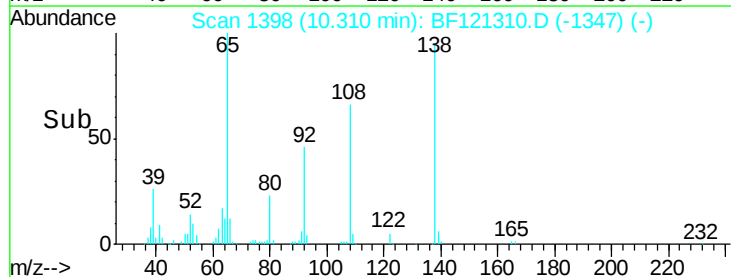
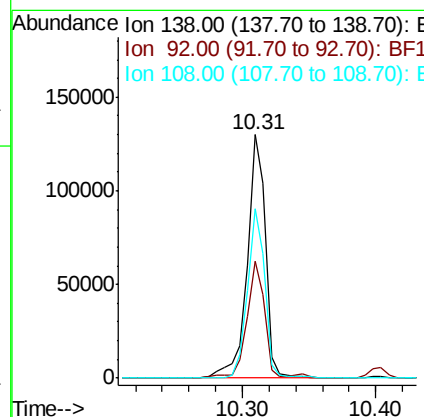
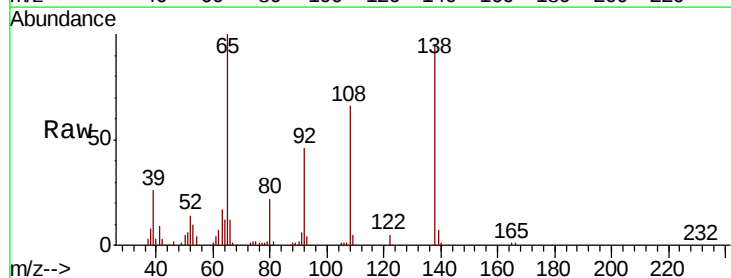
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

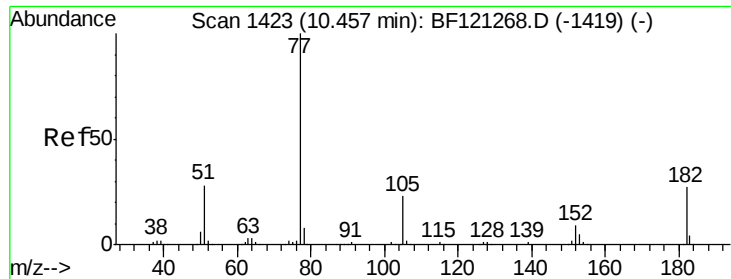
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	57.8	41.7	62.5



#62
4-Nitroaniline
Concen: 37.677 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	28.2	68.2
108	69.4	50.0	90.0

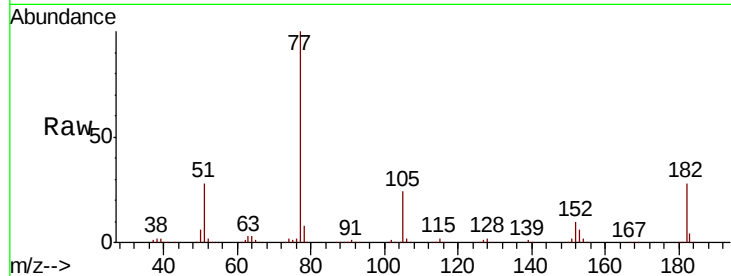




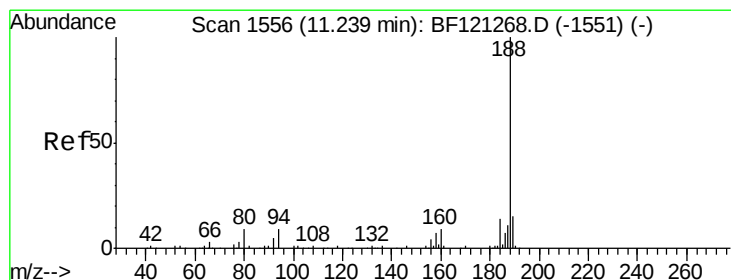
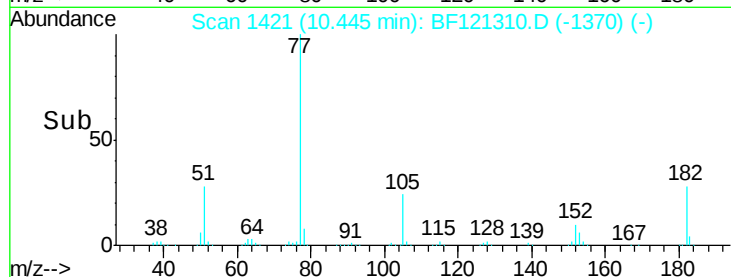
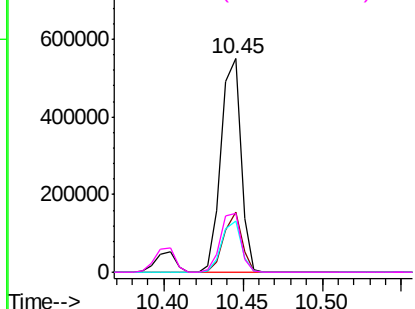
#63
Azobenzene
Concen: 37.361 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

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

Tot Ion:	77	Resp:	483712
Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.7	46.7
105	24.1	3.7	43.7
51	27.7	8.1	48.1

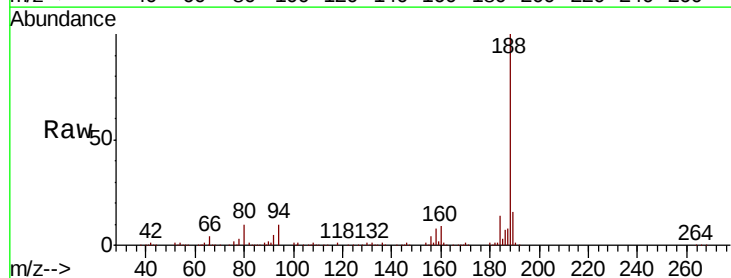


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

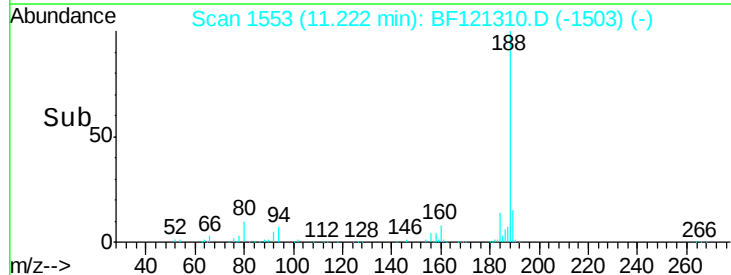
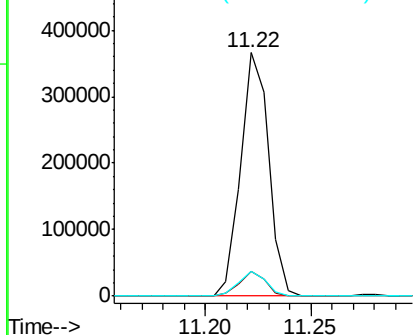


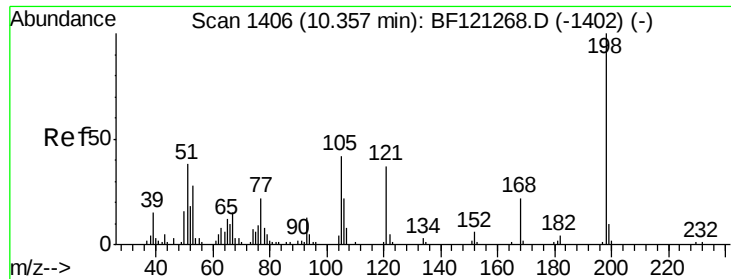
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion:	188	Resp:	336456
Ion	Ratio	Lower	Upper
188	100		
94	9.9	6.4	9.6#
80	10.1	7.0	10.4



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





#65

4,6-Dinitro-2-methylphenol

Concen: 37.334 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

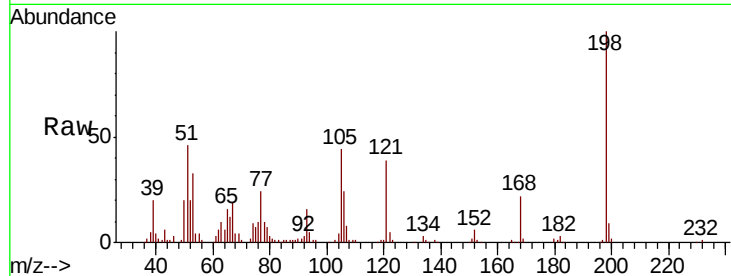
Tot Ion:198 Resp: 74687

Ion Ratio Lower Upper

198 100

51 45.9 29.1 69.1

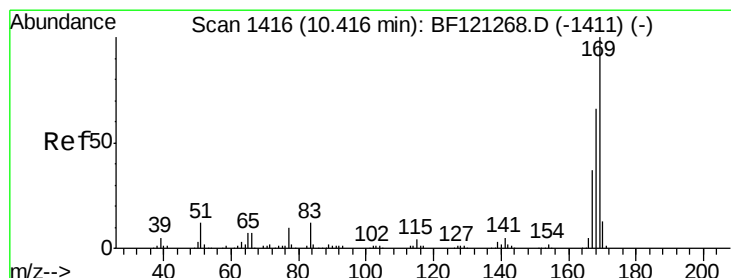
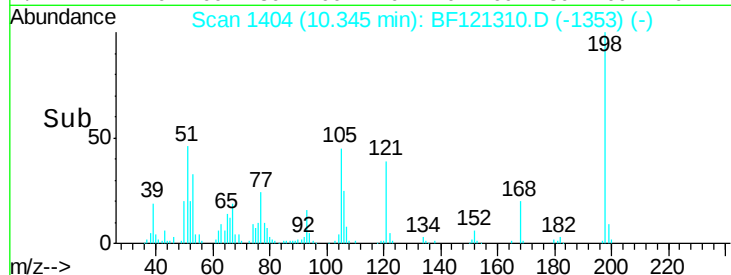
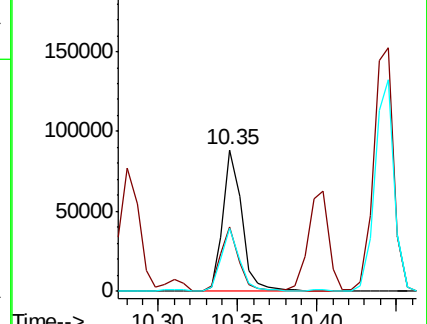
105 44.4 28.5 68.5



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: 37.287 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

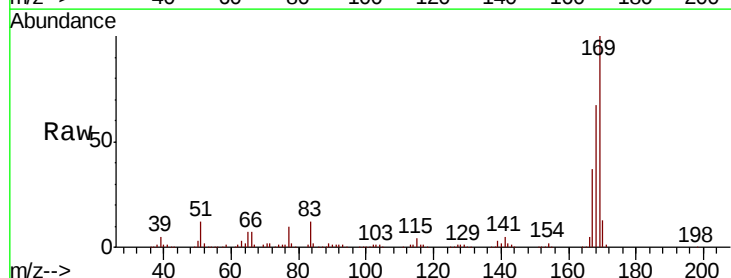
Tgt Ion:169 Resp: 430168

Ion Ratio Lower Upper

169 100

168 67.1 53.4 80.0

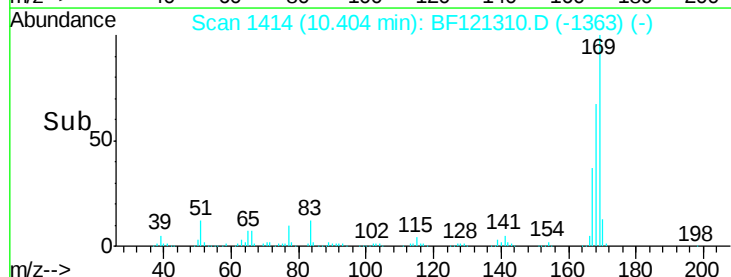
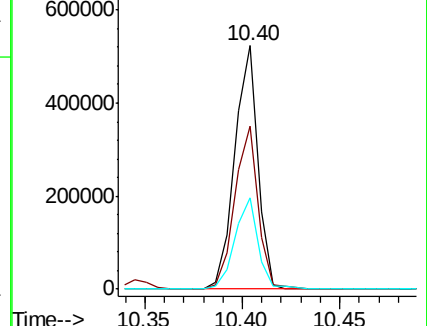
167 37.3 29.3 43.9

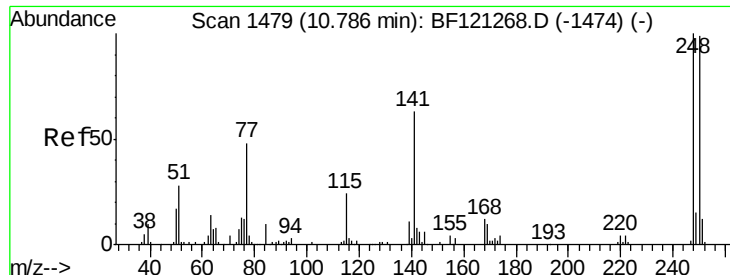


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

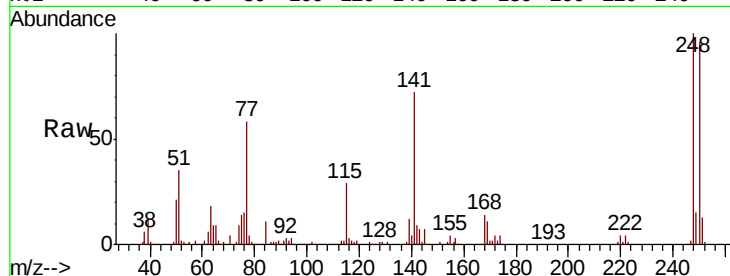




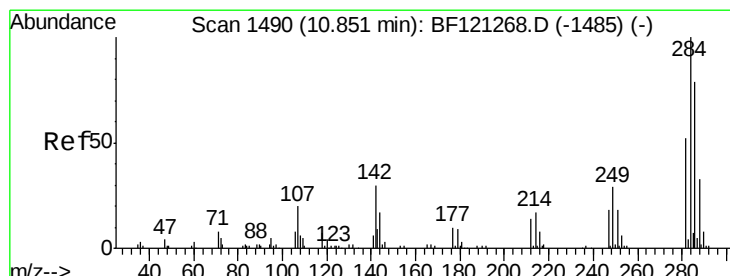
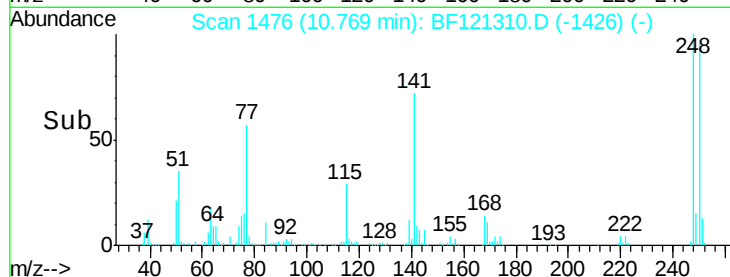
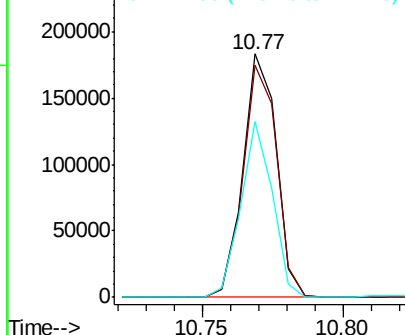
#67
 4-Bromophenyl-phenylether
 Concen: 38.242 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

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

Tot Ion:248 Resp: 150085
 Ion Ratio Lower Upper
 248 100
 250 95.5 77.4 116.0
 141 72.1 48.9 73.3

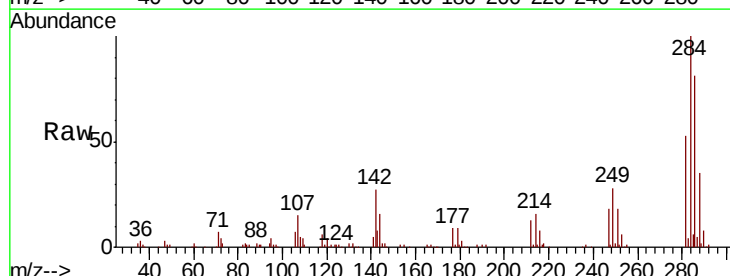


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

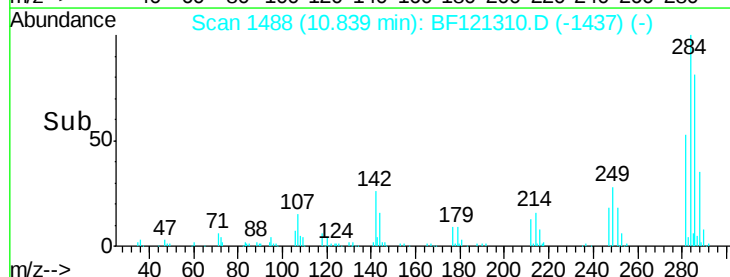
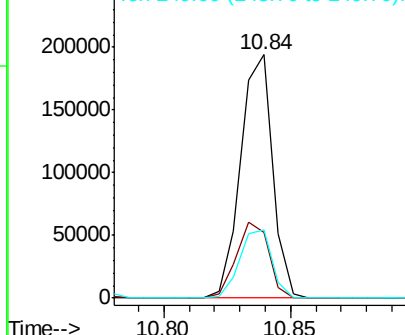


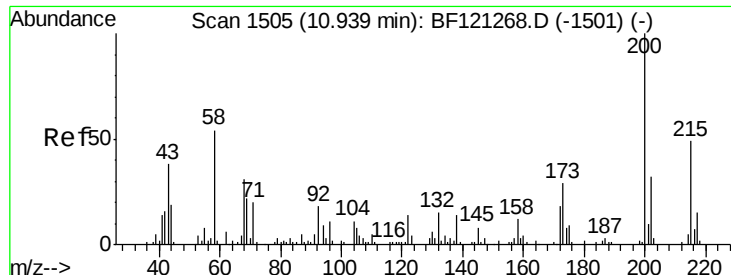
#68
 Hexachlorobenzene
 Concen: 38.047 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion:284 Resp: 170275
 Ion Ratio Lower Upper
 284 100
 142 27.0 24.6 36.8
 249 28.1 23.2 34.8



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





#69

Atrazine

Concen: 34.986 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

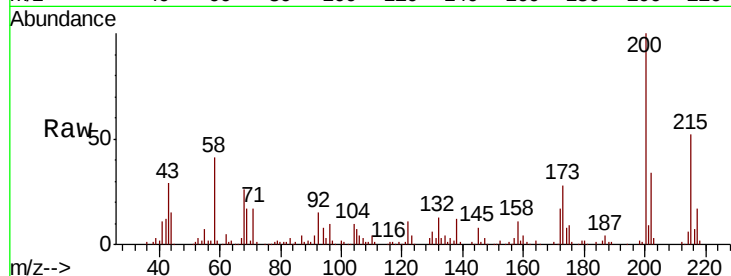
Tot Ion:200 Resp: 120729

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

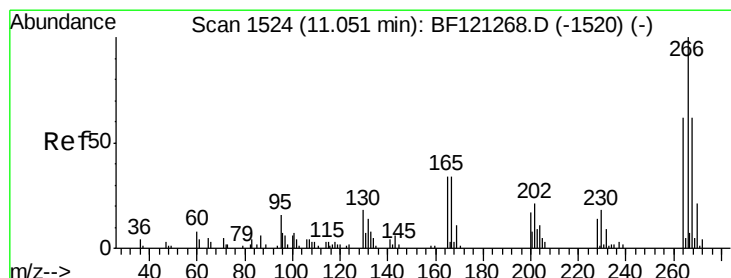
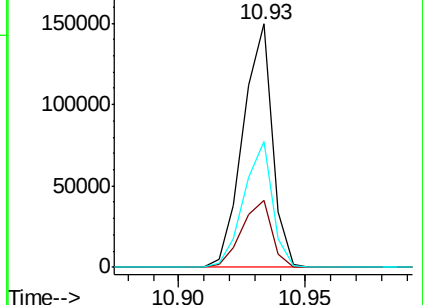
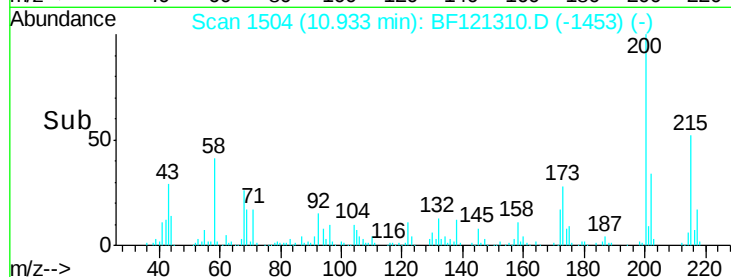
215 51.9 29.1 69.1



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: 90.877 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

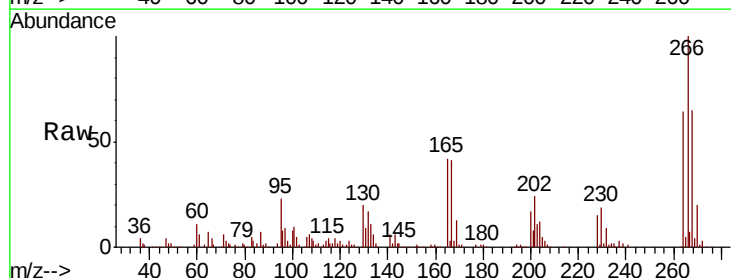
Tgt Ion:266 Resp: 182946

Ion Ratio Lower Upper

266 100

268 64.6 53.3 79.9

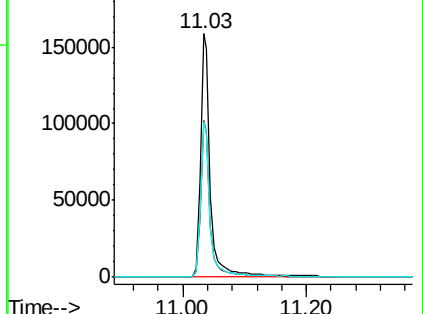
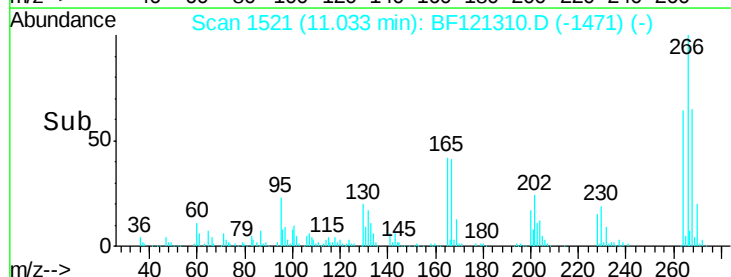
264 63.7 49.4 74.0

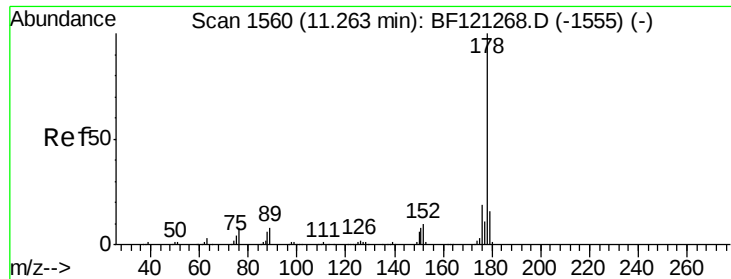


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.491 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

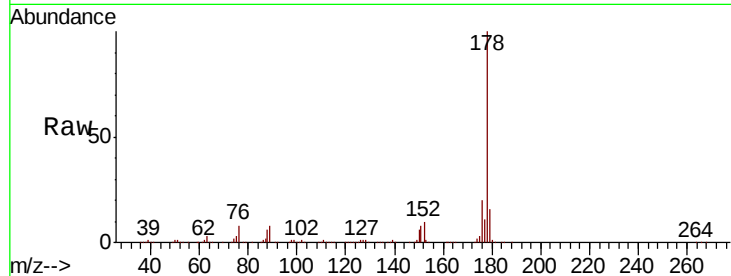
Tot Ion:178 Resp: 760145

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

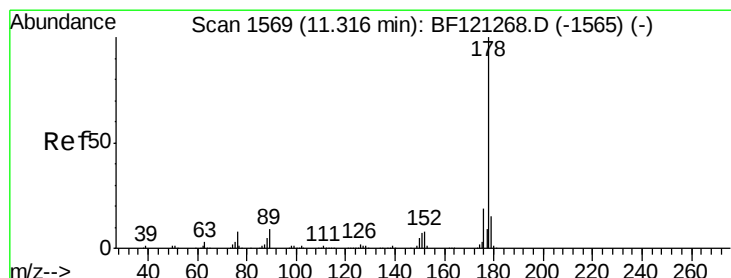
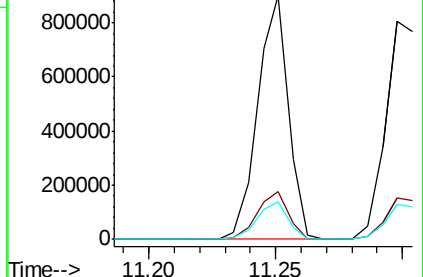
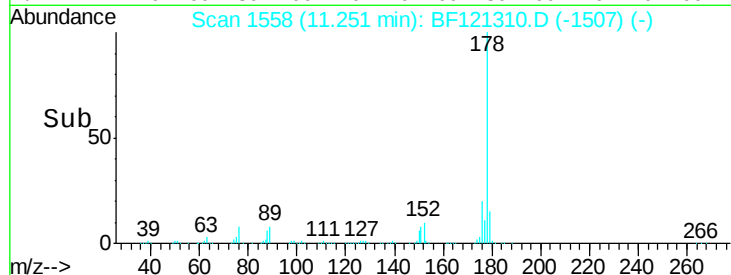
179 15.7 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.884 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

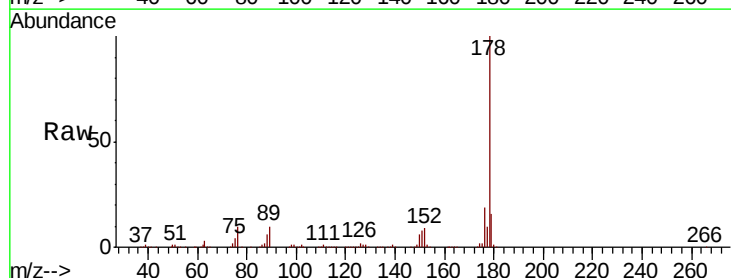
Tgt Ion:178 Resp: 751074

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

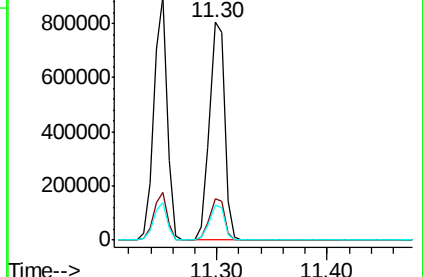
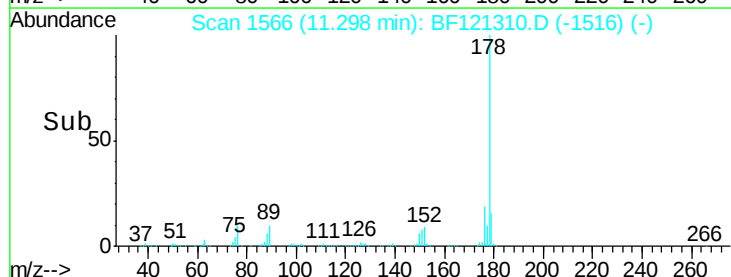
179 15.9 12.2 18.4

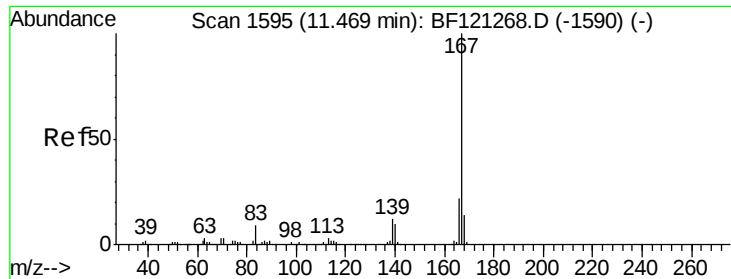


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.347 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

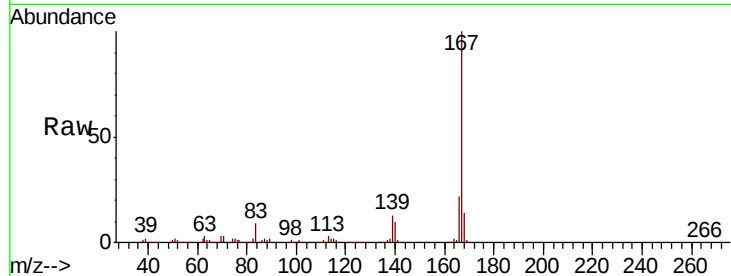
Tot Ion:167 Resp: 705514

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 12.8 10.2 15.4



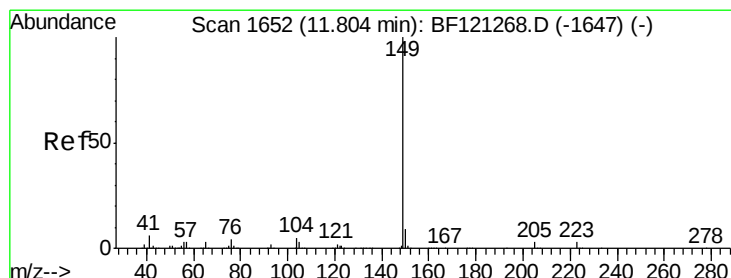
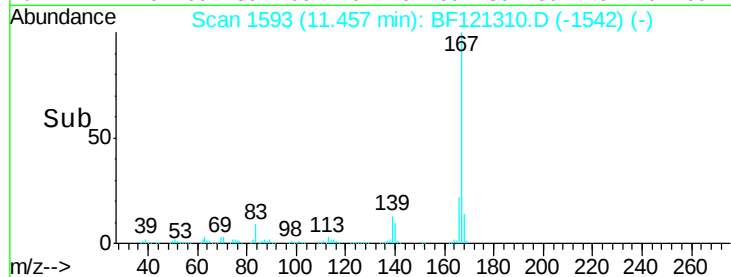
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.46

Time-->



#74

Di-n-butylphthalate

Concen: 39.938 ng

RT: 11.79 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

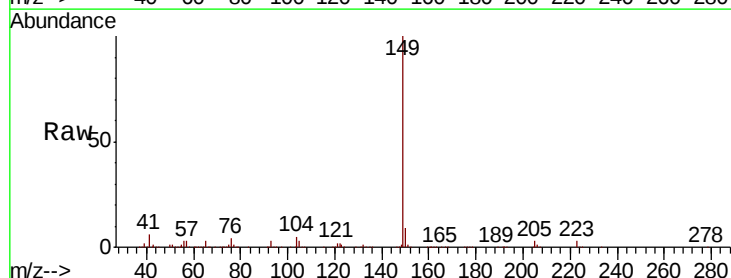
Tgt Ion:149 Resp: 851585

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.5 3.6 5.4



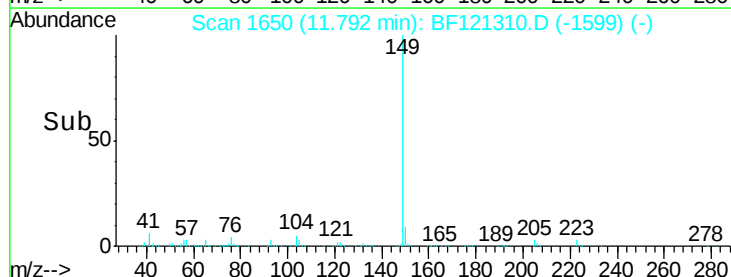
Abundance Ion 149.00 (148.70 to 149.70): E

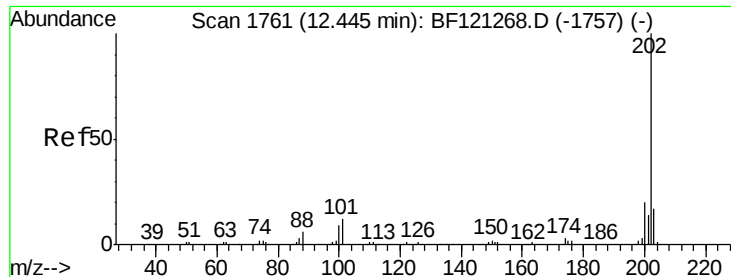
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.79

Time-->





#75

Fluoranthene

Concen: 43.152 ng

RT: 12.43 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

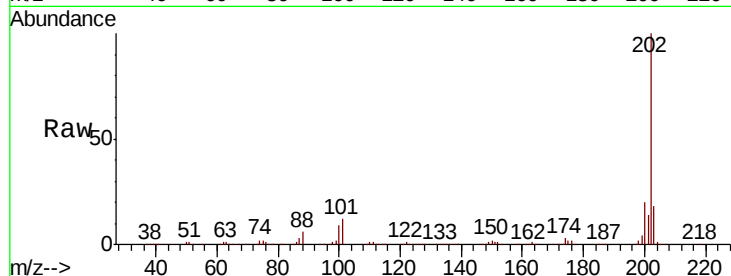
Tot Ion:202 Resp: 924885

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.2

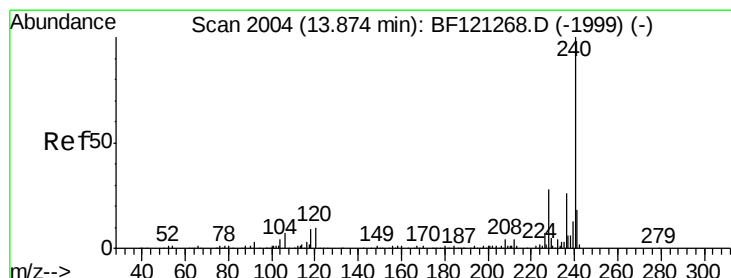
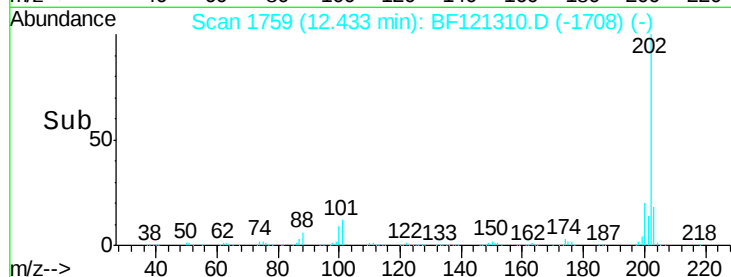
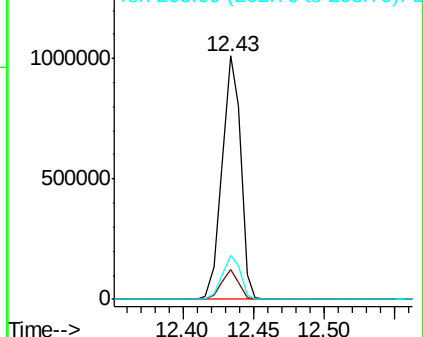
203 18.0 0.0 38.2



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# 2001

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

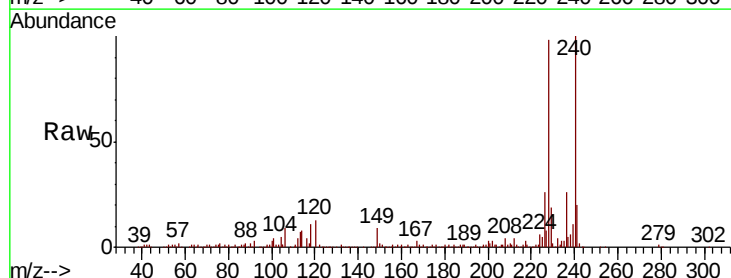
Tgt Ion:240 Resp: 288319

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

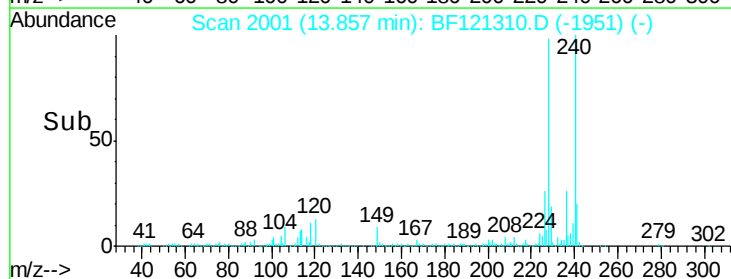
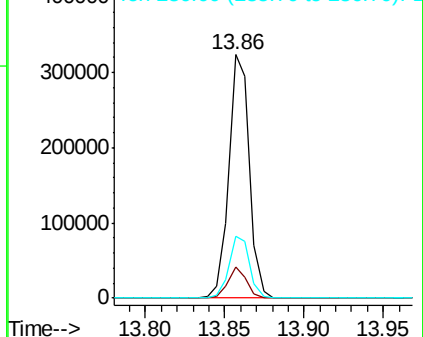
236 25.6 21.2 31.8

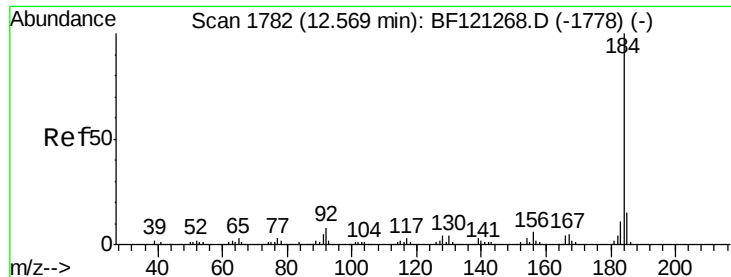


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.299 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

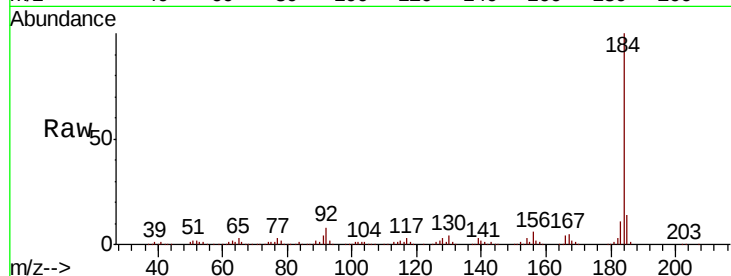
Tot Ion:184 Resp: 388822

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

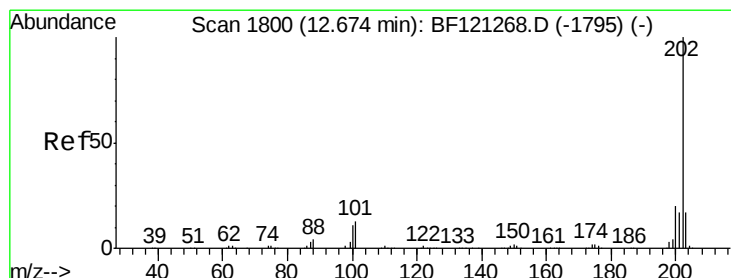
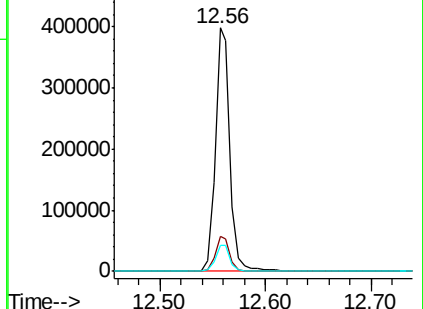
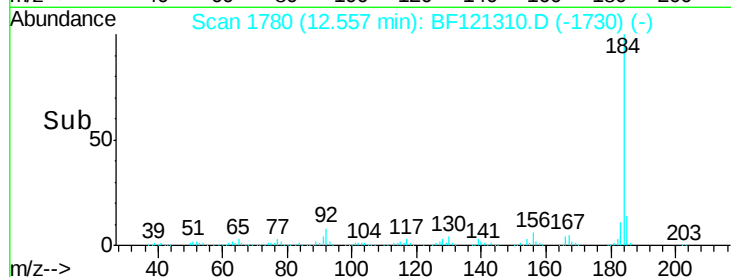
183 10.7 8.6 13.0



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: 43.033 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

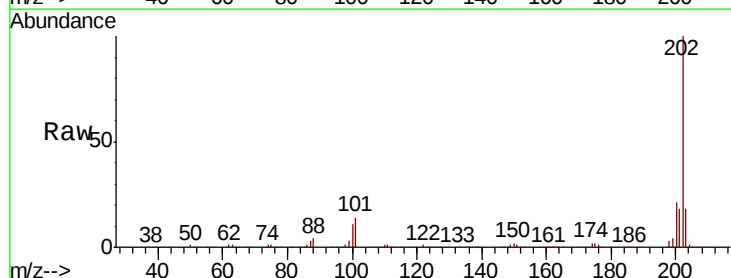
Tgt Ion:202 Resp: 923927

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

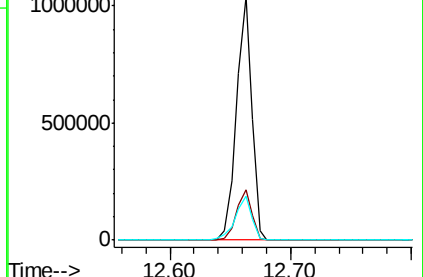
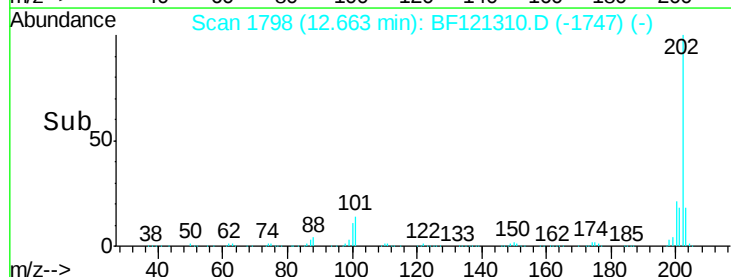
203 18.1 14.2 21.4

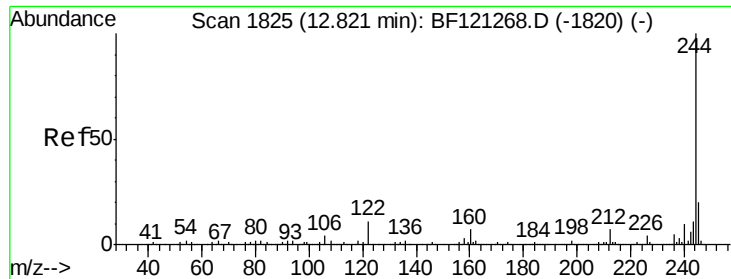


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

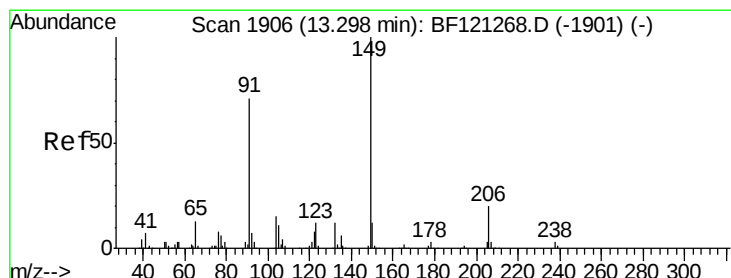
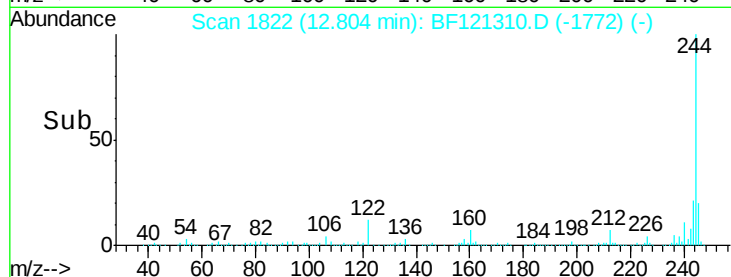
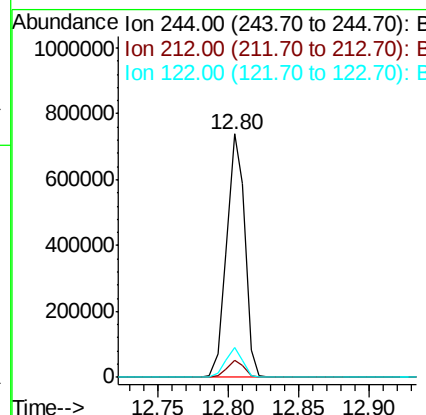
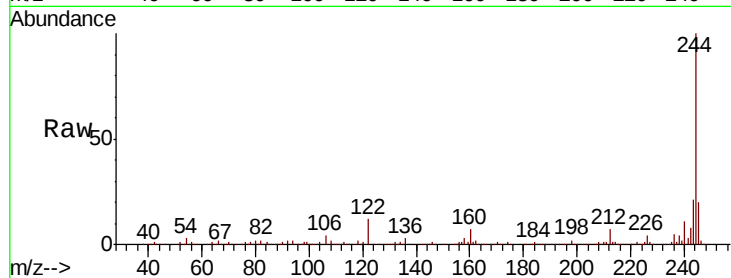




#79
 Terphenyl-d14
 Concen: 44.495 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

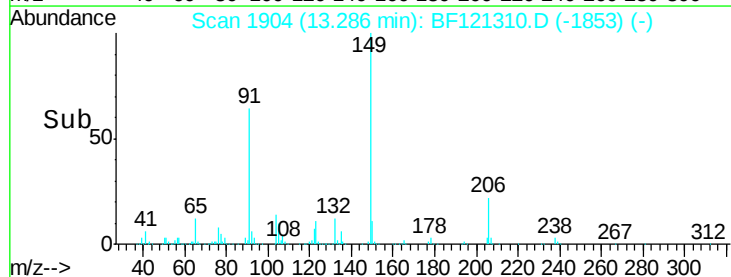
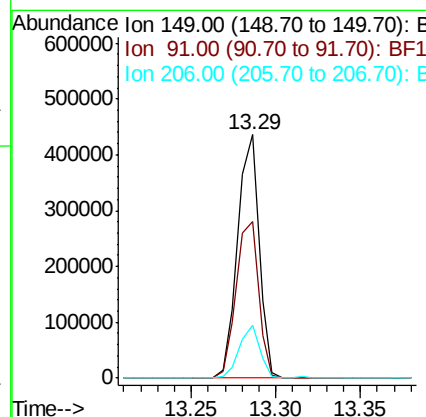
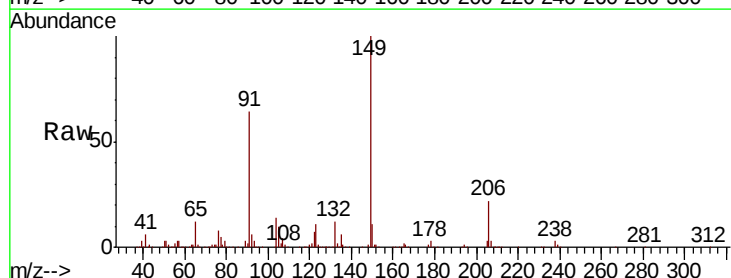
Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

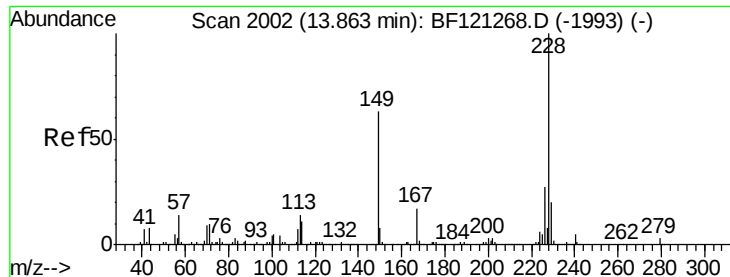
Tot Ion:244 Resp: 658111
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.1 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 43.900 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion:149 Resp: 385009
 Ion Ratio Lower Upper
 149 100
 91 64.3 53.0 79.4
 206 21.7 16.7 25.1





#81

Benzo(a)anthracene

Concen: 38.866 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

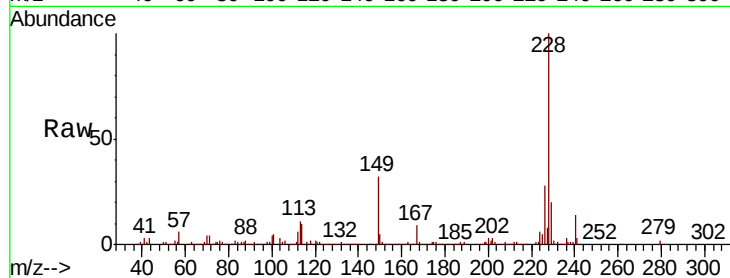
Tot Ion:228 Resp: 760042

Ion Ratio Lower Upper

228 100

226 28.0 22.0 33.0

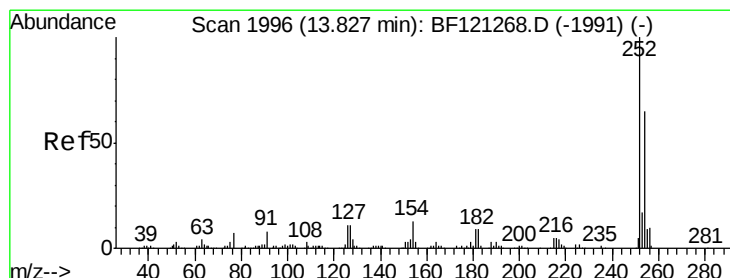
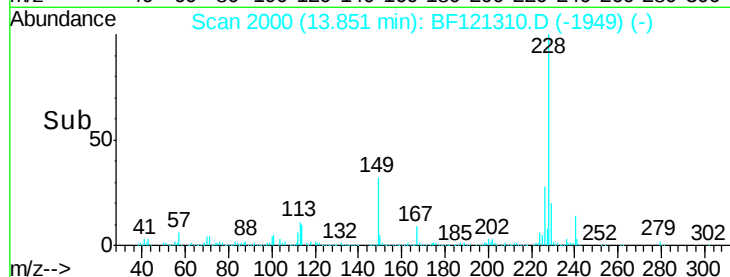
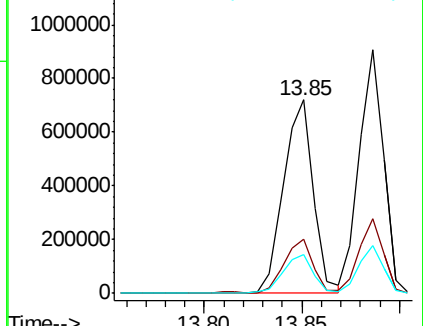
229 20.1 15.8 23.6



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: 30.186 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

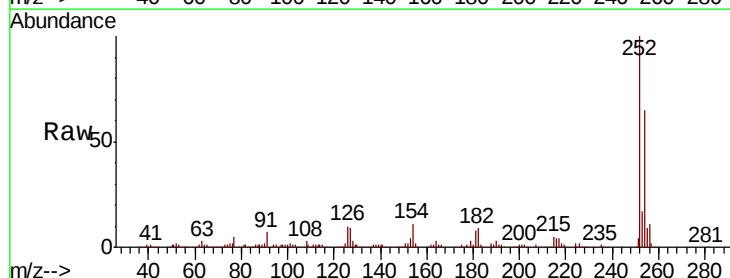
Tgt Ion:252 Resp: 234200

Ion Ratio Lower Upper

252 100

254 64.7 52.2 78.2

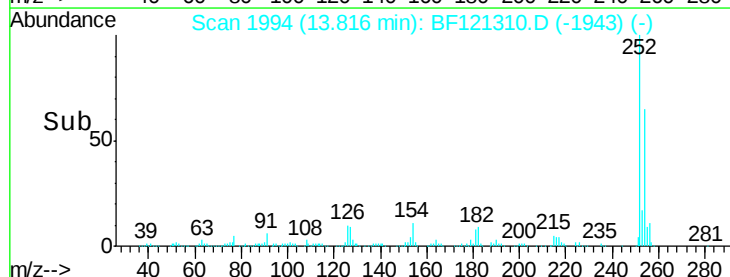
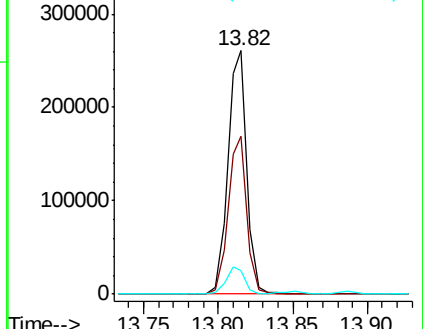
126 9.6 9.1 13.7

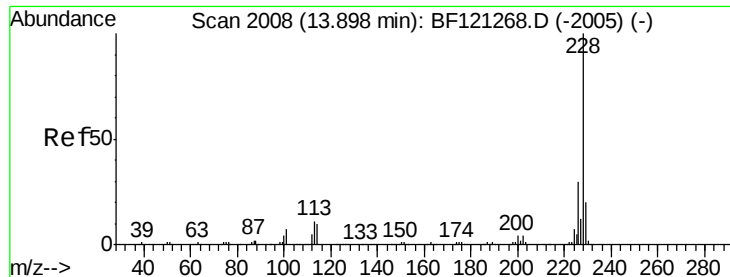


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.394 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

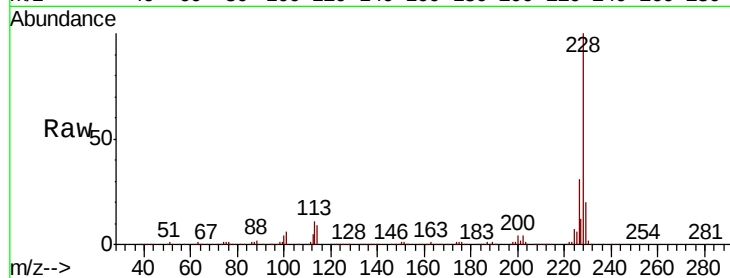
Tot Ion:228 Resp: 786521

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

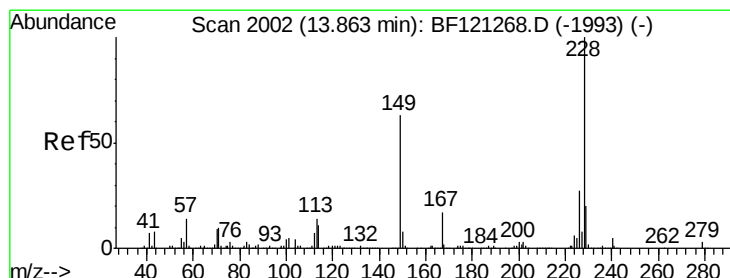
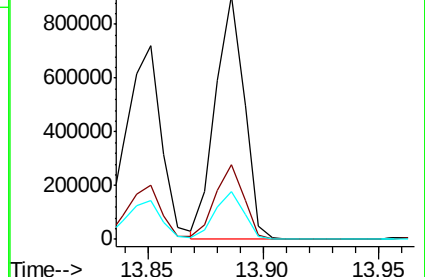
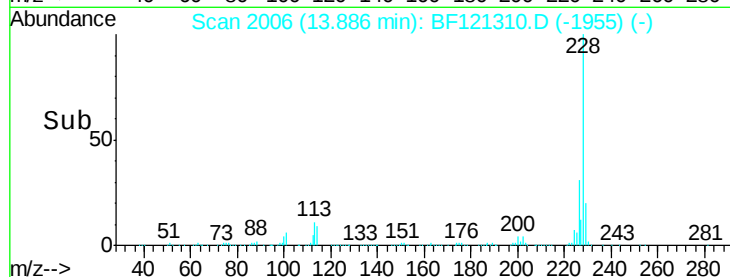
229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.038 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

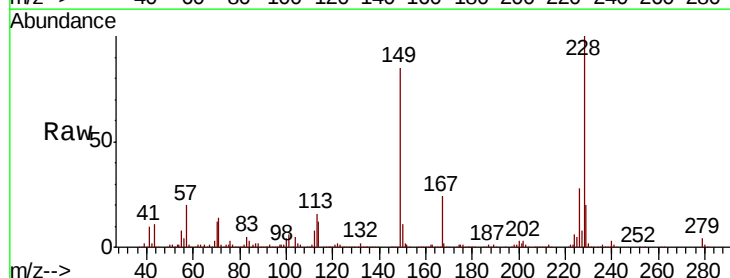
Tgt Ion:149 Resp: 483988

Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

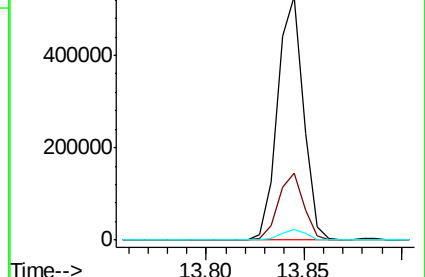
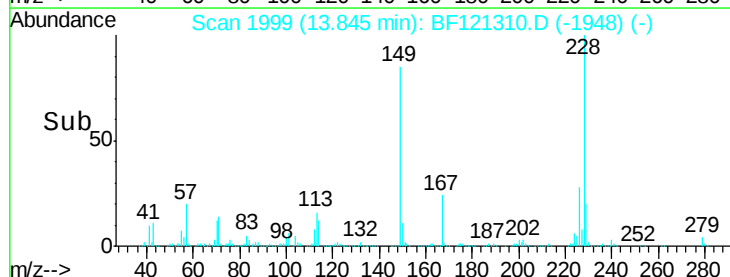
279 4.4 2.9 4.3#

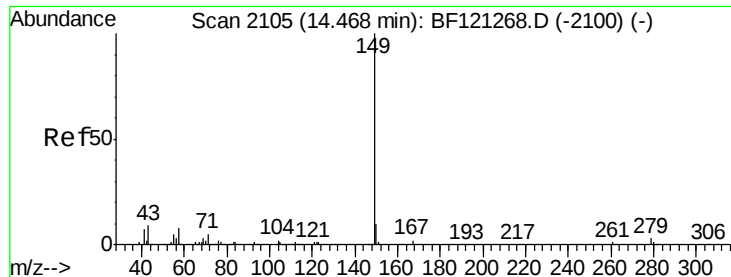


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

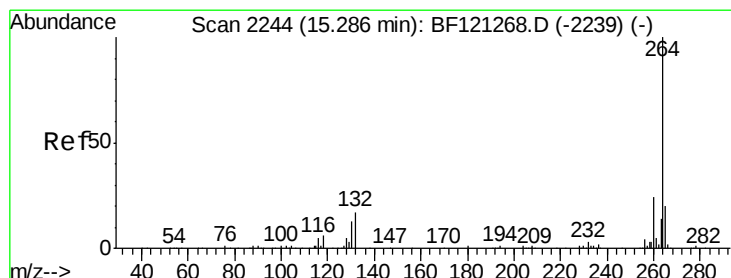
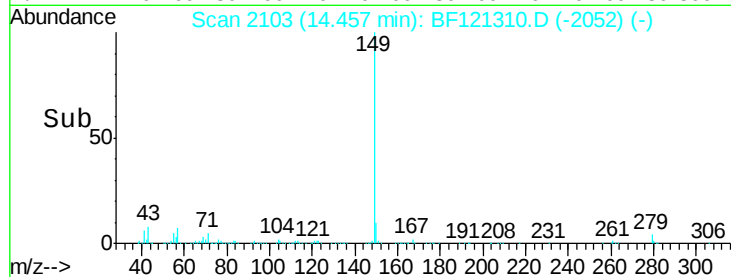
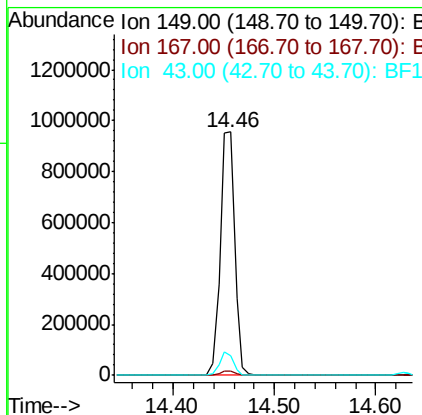
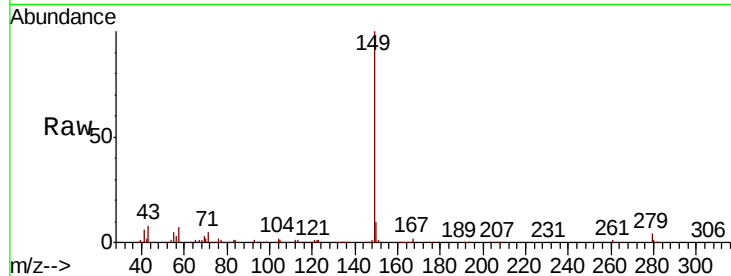




#85
Di-n-octyl phthalate
Concen: 42.438 ng
RT: 14.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

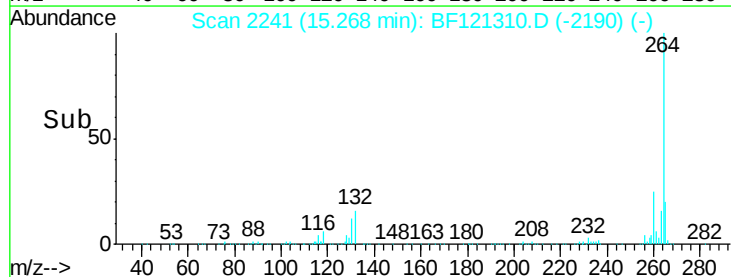
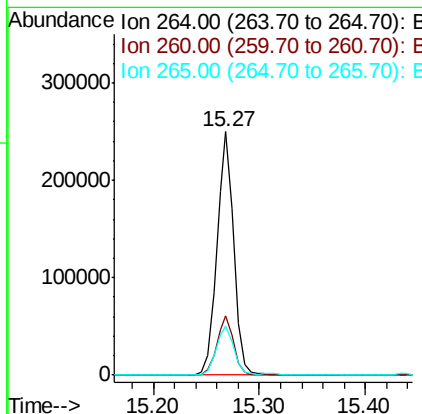
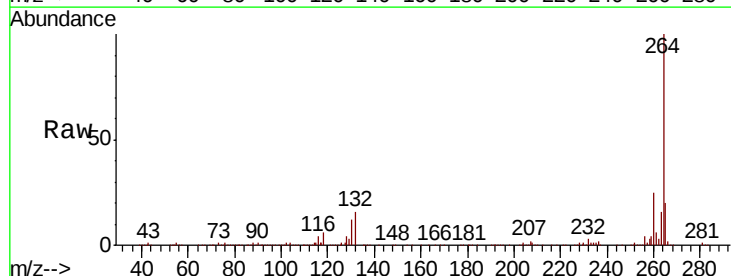
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

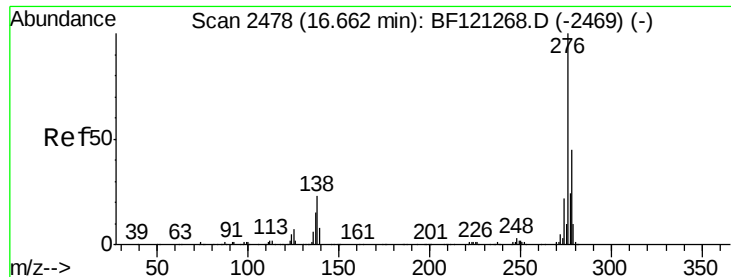
Tot Ion:149 Resp: 940569
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 7.2 10.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion:264 Resp: 279247
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 20.4 17.1 25.7

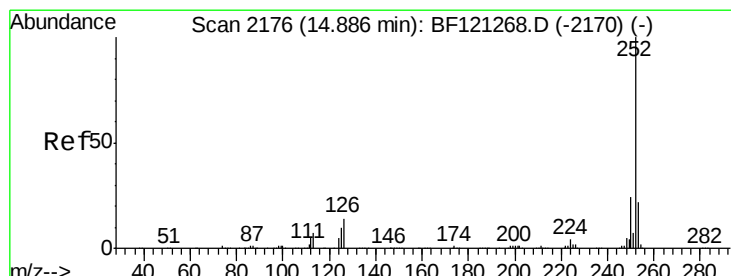
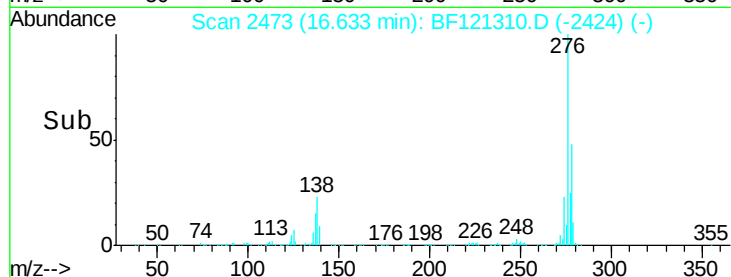
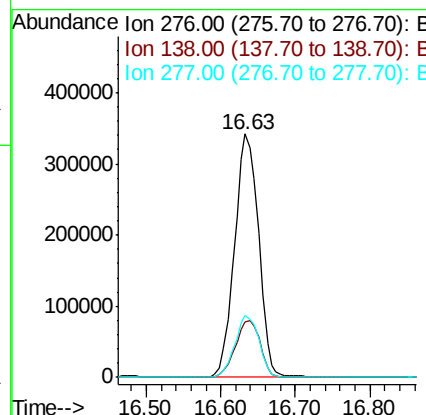
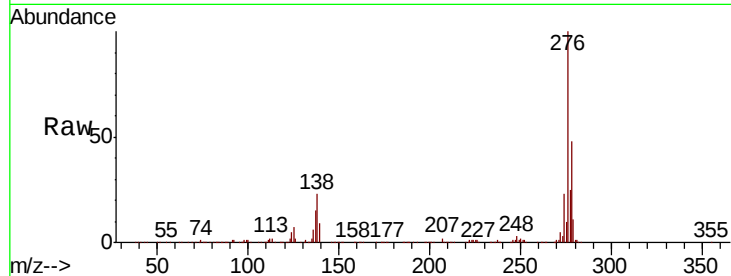




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.042 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

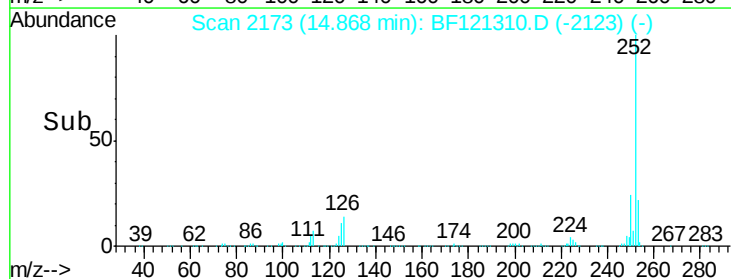
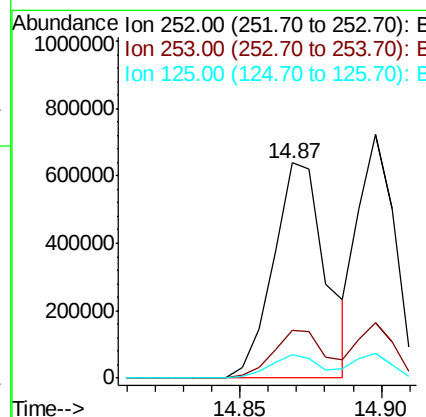
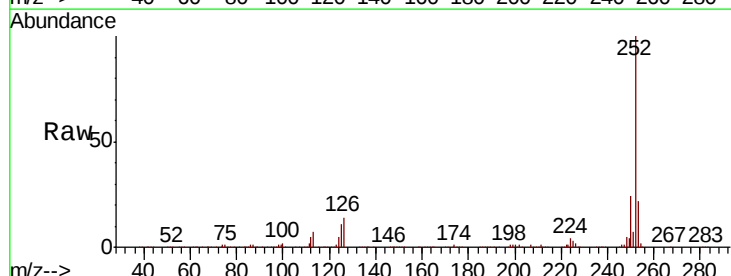
Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

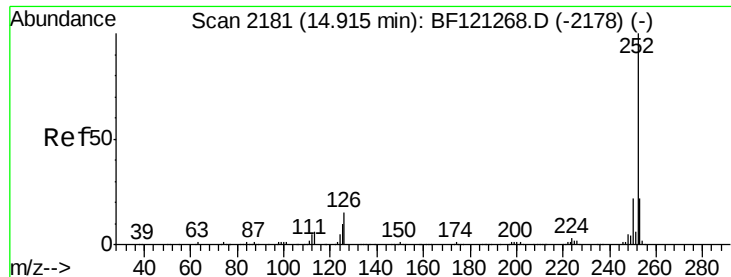
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.6	29.4
277	25.7	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 43.983 ng
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.8	7.5	11.3

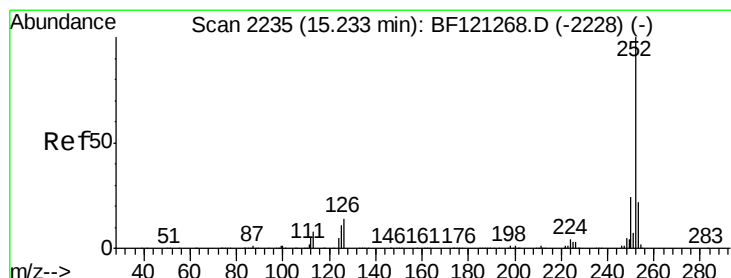
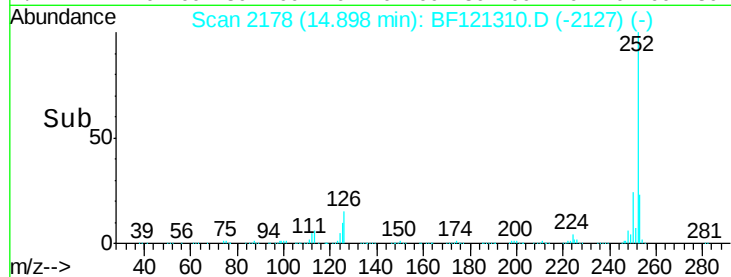
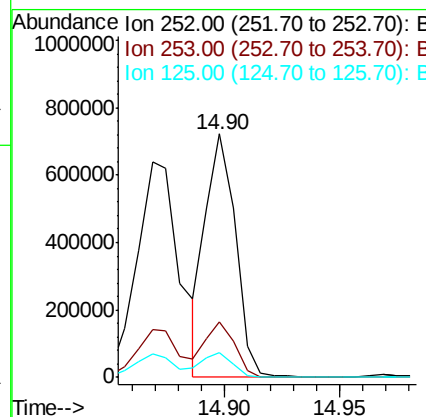
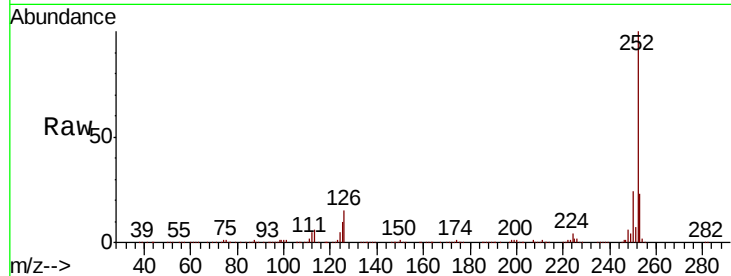




#89
Benzo(k)fluoranthene
Concen: 37.337 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

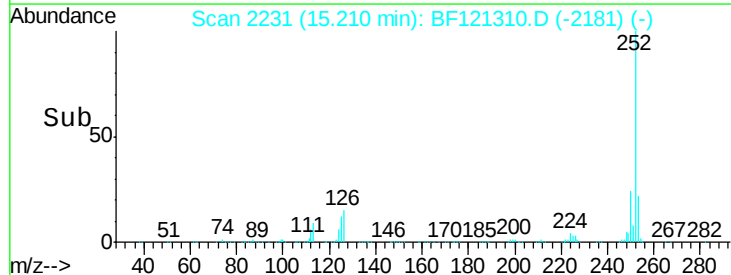
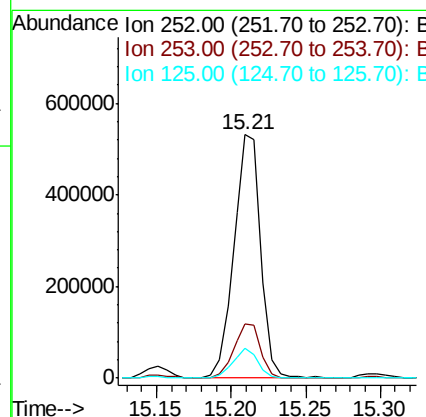
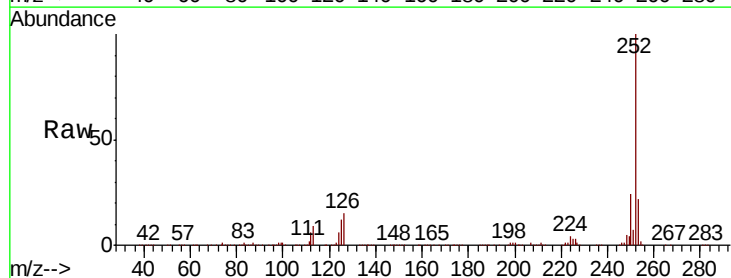
Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

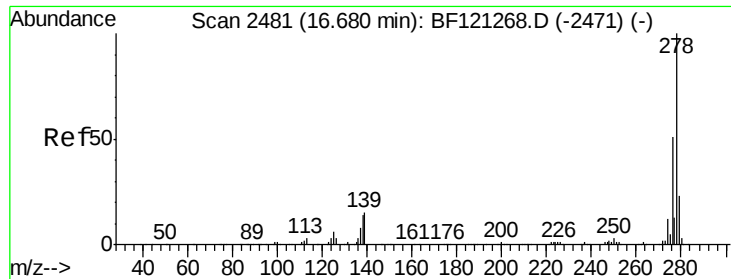
Tot Ion:252 Resp: 648734
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.4 8.2 12.4



#90
Benzo(a)pyrene
Concen: 39.335 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion:252 Resp: 664277
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 12.1 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 35.639 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

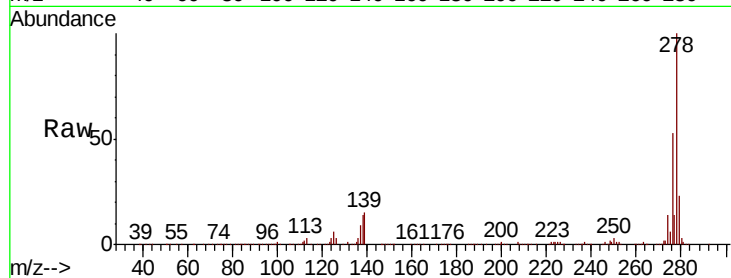
Tot Ion:278 Resp: 634008

Ion Ratio Lower Upper

278 100

139 15.4 13.1 19.7

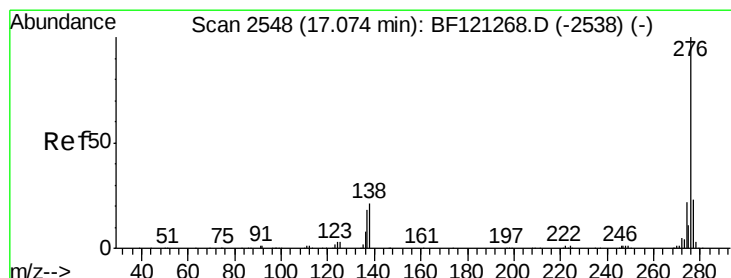
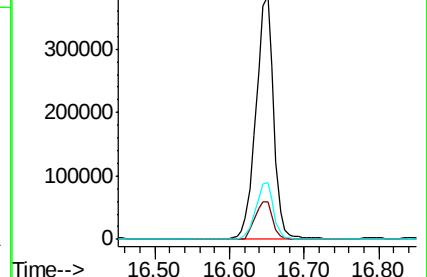
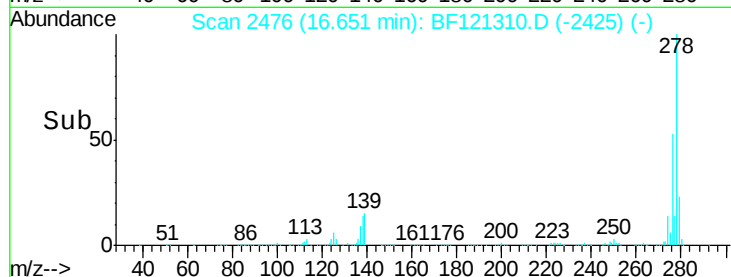
279 23.5 18.6 27.8



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: 38.003 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

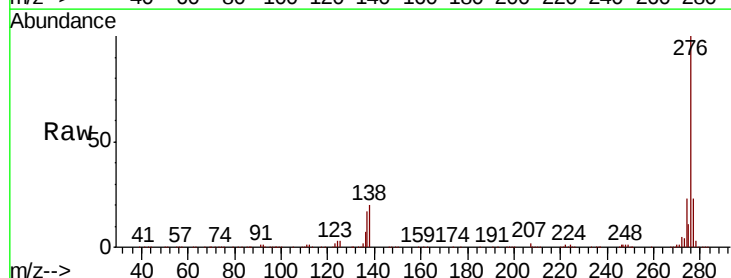
Tgt Ion:276 Resp: 667174

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 20.5 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

