

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121239.D
 Acq On : 11 Aug 2020 14:39
 Operator : JU/CG
 Sample : PB130878BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

Quant Time: Aug 11 15:27:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153395	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	580151	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	295492	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	556019	20.00	ng	0.00
76) Chrysene-d12	13.97	240	400514	20.00	ng	0.00
86) Perylene-d12	15.42	264	386407	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	872229	93.22	ng	0.00
7) Phenol-d6	6.44	99	1049819	86.86	ng	0.00
23) Nitrobenzene-d5	7.36	82	711174	70.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	310788	96.09	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1281259	64.74	ng	0.00
79) Terphenyl-d14	12.91	244	1264076	68.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	136701	31.744	ng	97
3) Pyridine	3.32	79	334981	29.241	ng	100
4) n-Nitrosodimethylamine	3.26	42	172685	35.252	ng	98
6) Aniline	6.46	93	449051	28.461	ng	# 68
8) 2-Chlorophenol	6.59	128	401089	38.910	ng	98
9) Benzaldehyde	6.35	77	246551	42.922	ng	99
10) Phenol	6.45	94	460446	34.631	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	374727	36.775	ng	99
12) 1,3-Dichlorobenzene	6.73	146	406874	36.401	ng	98
13) 1,4-Dichlorobenzene	6.82	146	409558	36.849	ng	98
14) 1,2-Dichlorobenzene	6.96	146	394854	37.552	ng	100
15) Benzyl Alcohol	6.95	79	312805	36.595	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	523336	35.632	ng	95
17) 2-Methylphenol	7.06	107	317152	34.713	ng	98
18) Hexachloroethane	7.30	117	152234	37.843	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	243896	35.486	ng	99
20) 3+4-Methylphenols	7.22	107	370806	31.905	ng	# 83
22) Acetophenone	7.20	105	502632	38.604	ng	95
24) Nitrobenzene	7.38	77	396714	36.711	ng	98
25) Isophorone	7.62	82	722308	36.097	ng	98
26) 2-Nitrophenol	7.70	139	212985	41.499	ng	99
27) 2,4-Dimethylphenol	7.74	122	342254	41.073	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	469460	38.434	ng	100
29) 2,4-Dichlorophenol	7.94	162	329702	38.721	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	352620	37.326	ng	100
31) Naphthalene	8.10	128	1092700	36.718	ng	99
32) Benzoic acid	7.88	122	159960	25.572	ng	100
33) 4-Chloroaniline	8.15	127	313545	23.619	ng	98
34) Hexachlorobutadiene	8.22	225	205706	36.937	ng	99
35) Caprolactam	8.54	113	101191	37.058	ng	91
36) 4-Chloro-3-methylphenol	8.65	107	336296	38.509	ng	99
37) 2-Methylnaphthalene	8.79	142	742778	38.441	ng	100
38) 1-Methylnaphthalene	8.89	142	696923	38.082	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	346767	40.278	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	315655	66.339	nq	99
43) 2,4,6-Trichlorophenol	9.08	196	228406	37.680	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	242042	35.201	nq	98
46) 1,1'-Biphenyl	9.26	154	902412	40.036	nq	99
47) 2-Chloronaphthalene	9.28	162	689976	37.545	nq	98
48) 2-Nitroaniline	9.39	65	212699	38.299	nq	94
49) Acenaphthylene	9.70	152	1085242	38.013	nq	100
50) Dimethylphthalate	9.56	163	812559	38.116	nq	99
51) 2,6-Dinitrotoluene	9.63	165	179933	39.287	nq	92
52) Acenaphthene	9.87	154	632012	34.820	nq	100
53) 3-Nitroaniline	9.80	138	132442	23.057	nq	98
54) 2,4-Dinitrophenol	9.91	184	156764	61.219	nq	93
55) Dibenzofuran	10.05	168	939507	35.794	nq	98
56) 4-Nitrophenol	9.97	139	233990	53.626	nq	100
57) 2,4-Dinitrotoluene	10.03	165	227472	37.821	nq	# 89
58) Fluorene	10.39	166	723603	36.963	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	207834	39.699	nq	99
60) Diethylphthalate	10.26	149	799261	37.067	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	363360	34.800	nq	98
62) 4-Nitroaniline	10.42	138	197845	35.359	nq	100
63) Azobenzene	10.54	77	759163	36.982	nq	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	117577	37.455	nq	98
66) n-Nitrosodiphenylamine	10.50	169	676613	38.683	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	235806	38.038	nq	93
68) Hexachlorobenzene	10.93	284	265700	39.622	nq	# 92
69) Atrazine	11.03	200	193938	44.770	nq	99
70) Pentachlorophenol	11.14	266	257396	67.001	nq	98
71) Phenanthrene	11.35	178	1053220	36.831	nq	99
72) Anthracene	11.40	178	1116968	38.899	nq	99
73) Carbazole	11.56	167	1027956	36.073	nq	100
74) Di-n-butylphthalate	11.89	149	1246703	37.911	nq	99
75) Fluoranthene	12.54	202	1150635	36.301	nq	99
77) Benzidine	12.66	184	567035	53.848	nq	99
78) Pyrene	12.77	202	1165451	41.158	nq	100
80) Butylbenzylphthalate	13.38	149	522025	41.355	nq	93
81) Benzo(a)anthracene	13.96	228	993550	40.966	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	315121	34.439	nq	98
83) Chrysene	13.99	228	976291	38.305	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	721385	46.344	nq	99
85) Di-n-octyl phthalate	14.55	149	1216329	39.277	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	986246	36.700	nq	100
88) Benzo(b)fluoranthene	15.00	252	906259	38.800	nq	99
89) Benzo(k)fluoranthene	15.03	252	923520	43.355	nq	99
90) Benzo(a)pyrene	15.36	252	827784	38.845	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	826670	37.659	nq	99
92) Benzo(g,h,i)perylene	17.29	276	826104	38.168	nq	100

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

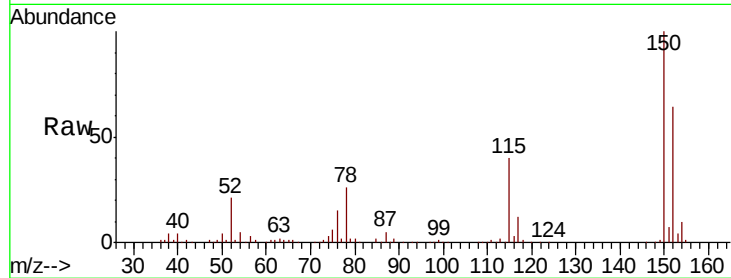


#1

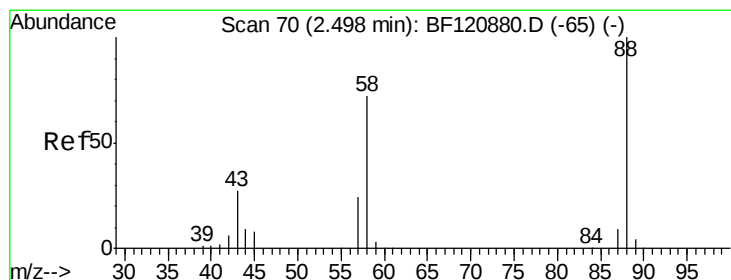
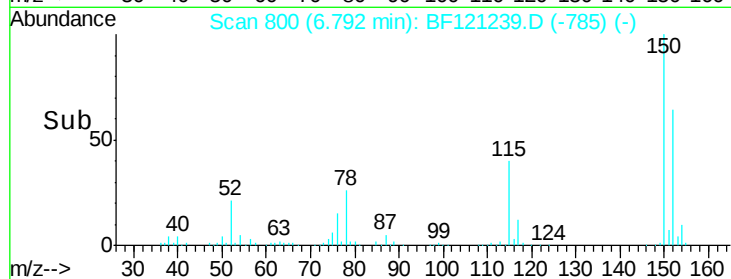
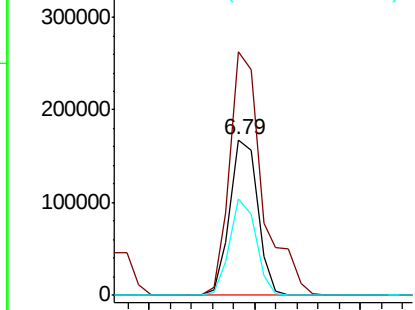
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Instrument :
BNA_F
ClientSampleId :
PB130878BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.6	188.4
115	61.8	46.2	69.2



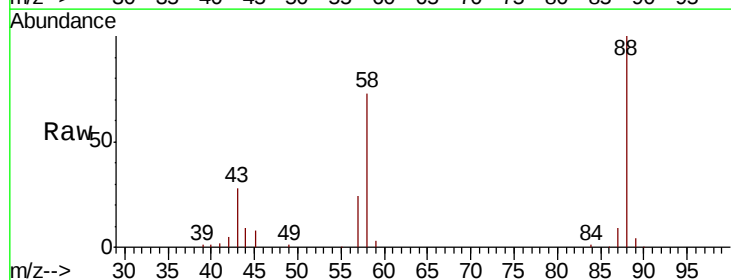
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



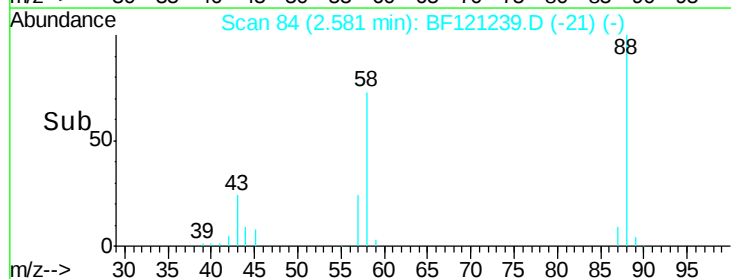
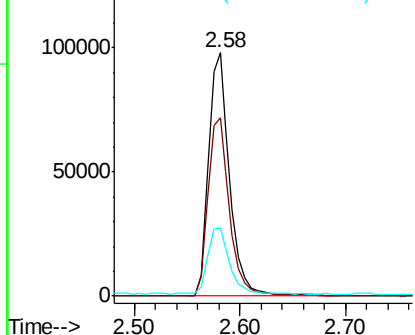
#2

1,4-Dioxane
Concen: 31.744 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.07 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	58.2	87.4
43	28.4	21.3	31.9



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: 29.241 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

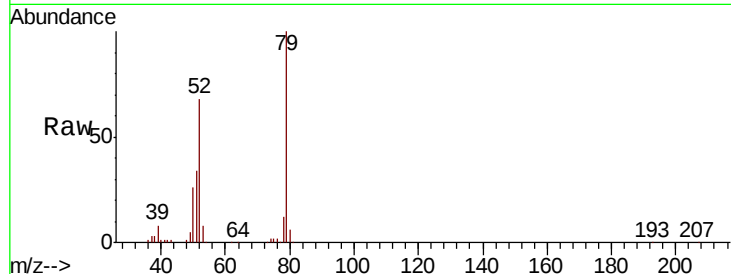
Tot Ion: 79 Resp: 334981

Ion Ratio Lower Upper

79 100

52 68.5 54.9 82.3

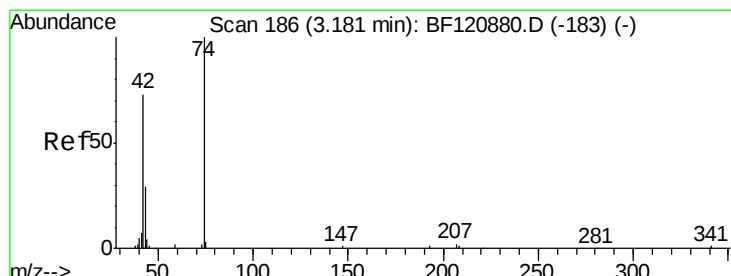
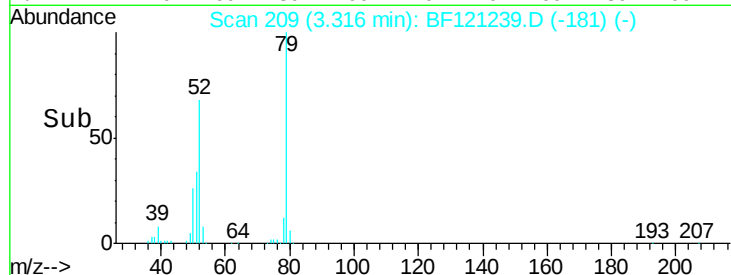
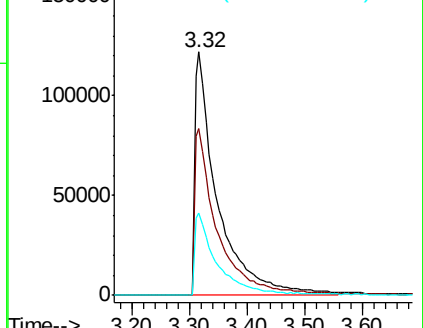
51 34.0 27.4 41.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.252 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.06 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

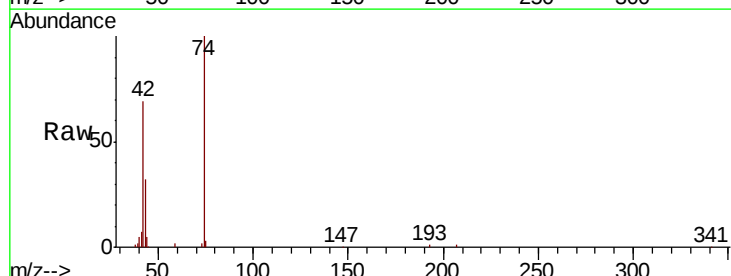
Tgt Ion: 42 Resp: 172685

Ion Ratio Lower Upper

42 100

74 144.0 117.3 175.9

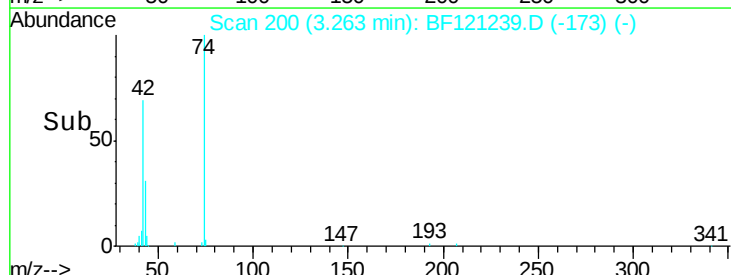
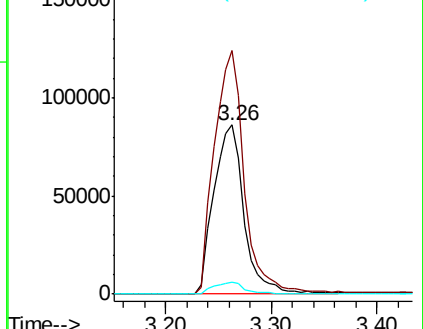
44 6.8 5.9 8.9

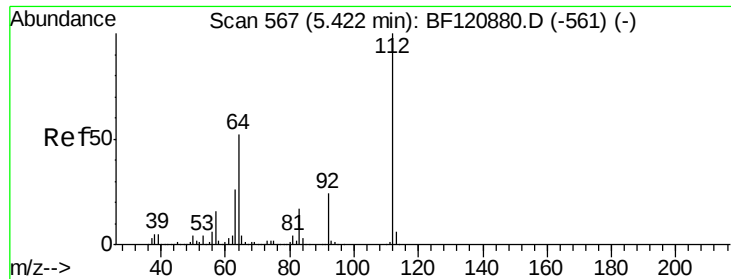


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 93.216 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampled :

PB130878BS

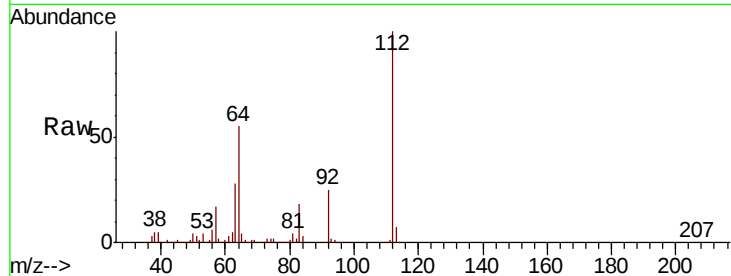
Tot Ion:112 Resp: 872229

Ion Ratio Lower Upper

112 100

64 55.3 43.9 65.9

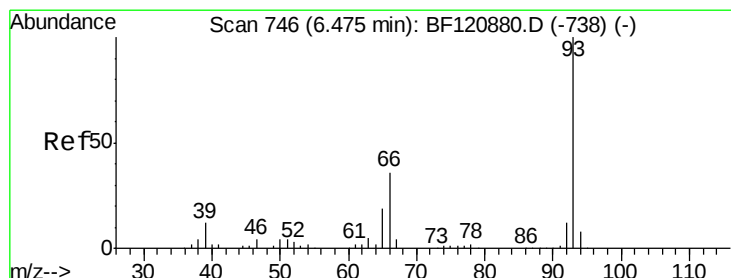
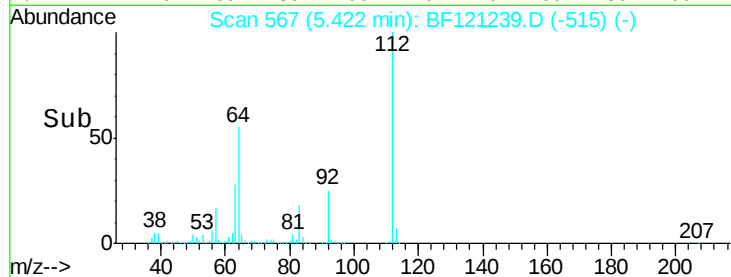
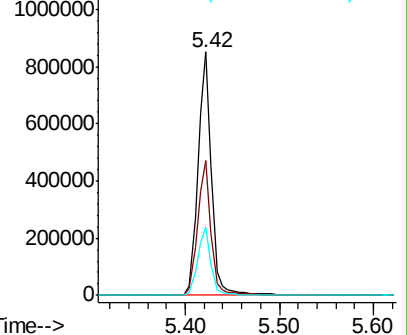
63 28.0 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.461 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

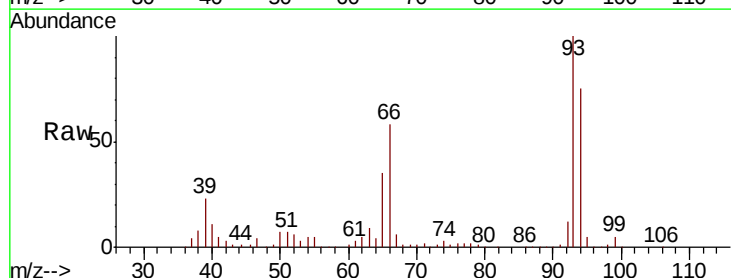
Tgt Ion: 93 Resp: 449051

Ion Ratio Lower Upper

93 100

66 57.7 31.0 46.4#

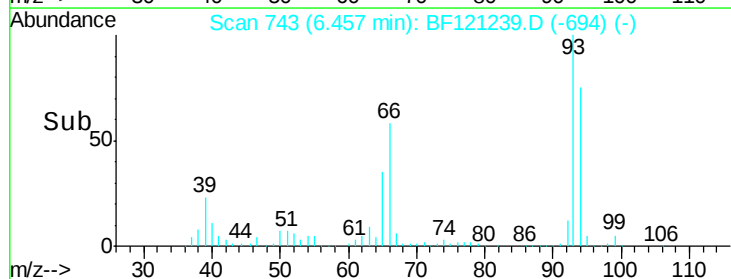
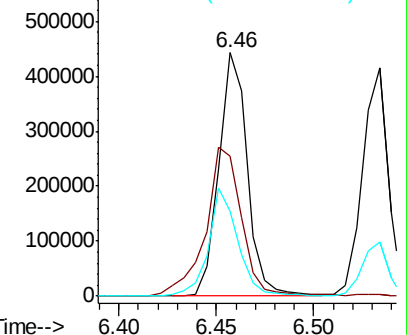
65 35.1 16.2 24.4#



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: 86.856 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

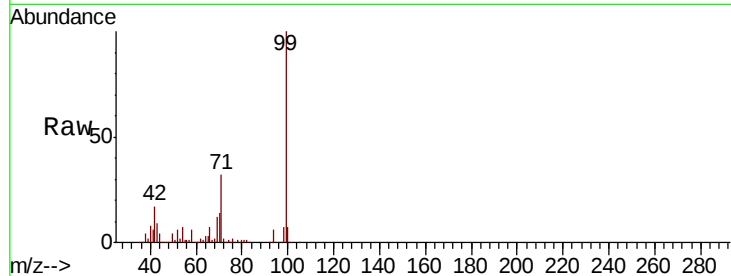
Tot Ion: 99 Resp: 1049819

Ion Ratio Lower Upper

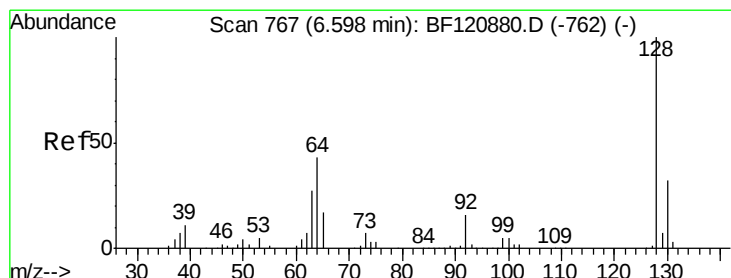
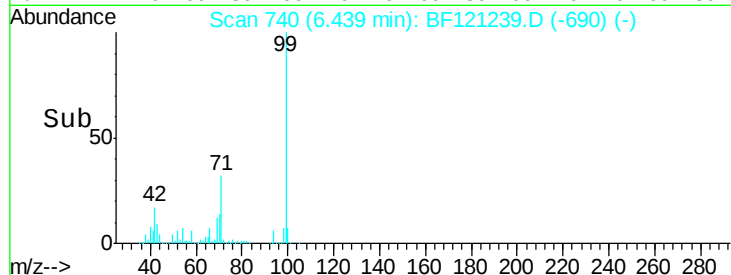
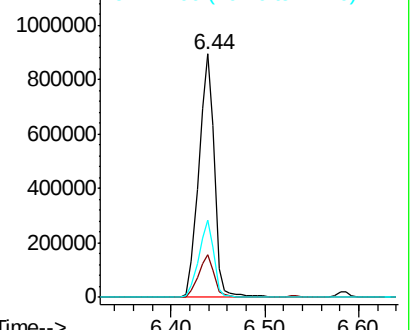
99 100

42 17.4 13.5 20.3

71 31.8 25.0 37.4



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: 38.910 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

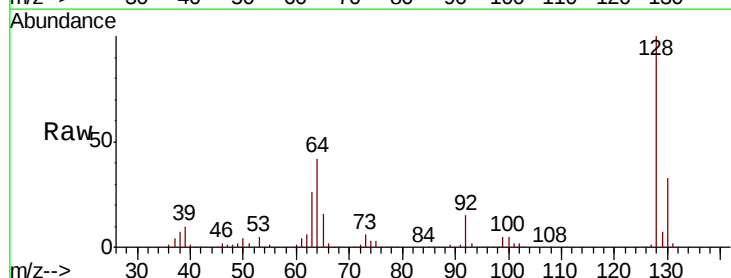
Tgt Ion: 128 Resp: 401089

Ion Ratio Lower Upper

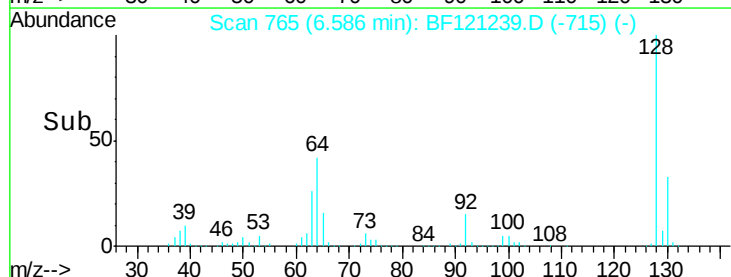
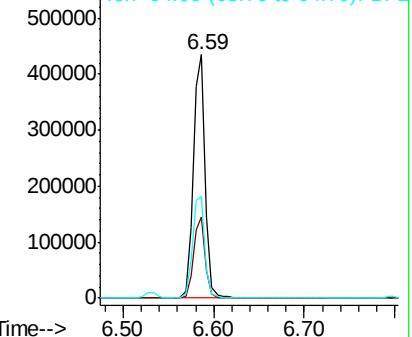
128 100

130 33.1 12.7 52.7

64 41.7 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.922 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121239.D

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Instrument :

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ClientSampleId :

PB130878BS

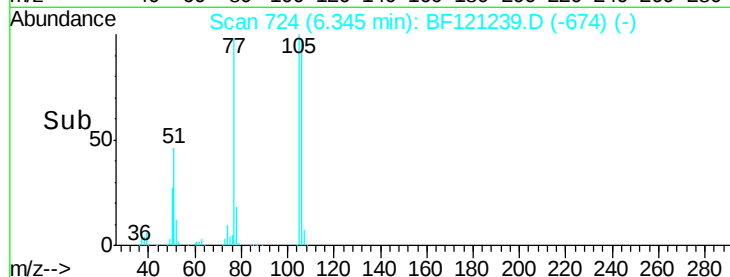
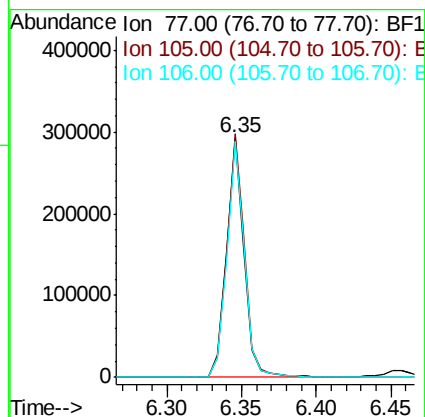
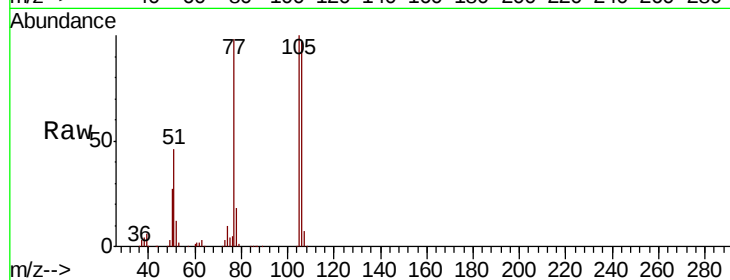
Tot Ion: 77 Resp: 246551

Ion Ratio Lower Upper

77 100

105 101.6 82.4 122.4

106 98.2 78.9 118.9



#10

Phenol

Concen: 34.631 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

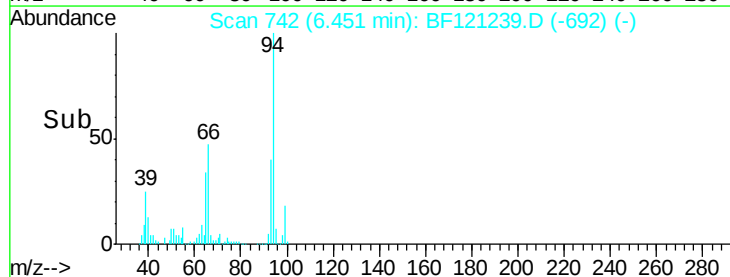
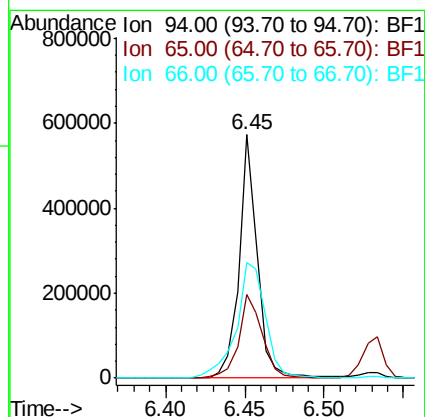
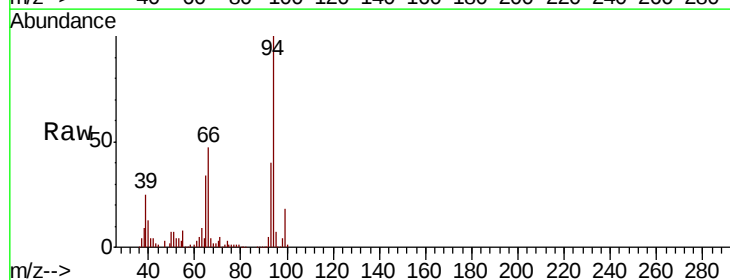
Tgt Ion: 94 Resp: 460446

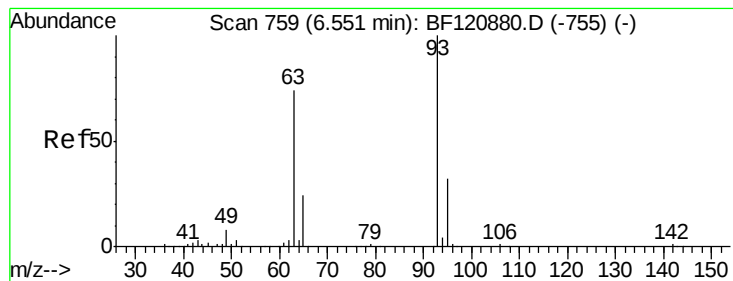
Ion Ratio Lower Upper

94 100

65 34.2 12.6 52.6

66 47.4 25.6 65.6





#11

bis(2-Chloroethyl)ether

Concen: 36.775 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleID :

PB130878BS

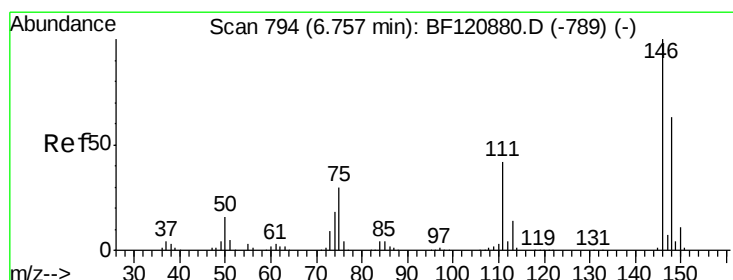
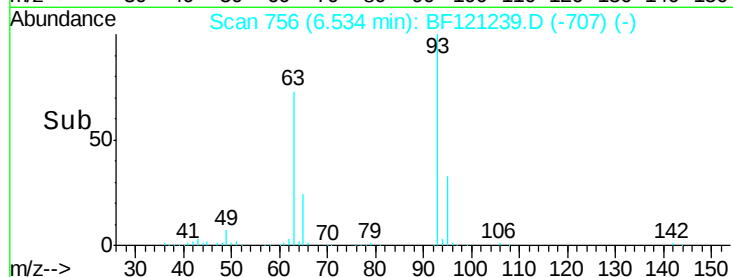
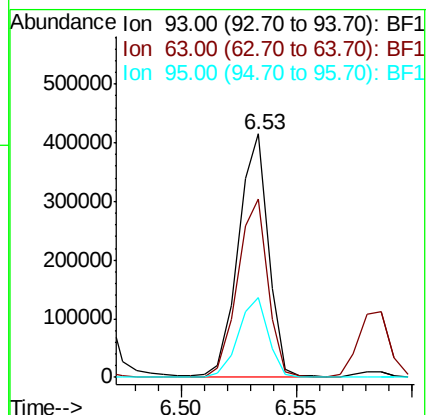
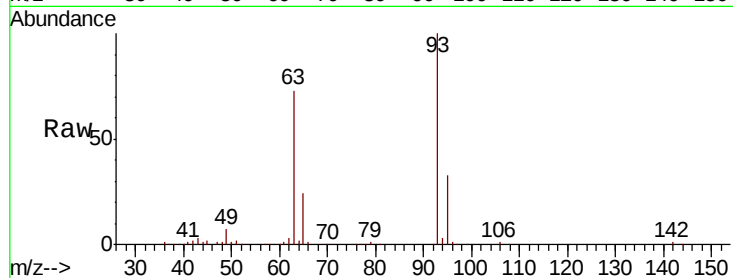
Tot Ion: 93 Resp: 374727

Ion Ratio Lower Upper

93 100

63 73.1 51.9 91.9

95 32.7 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 36.401 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

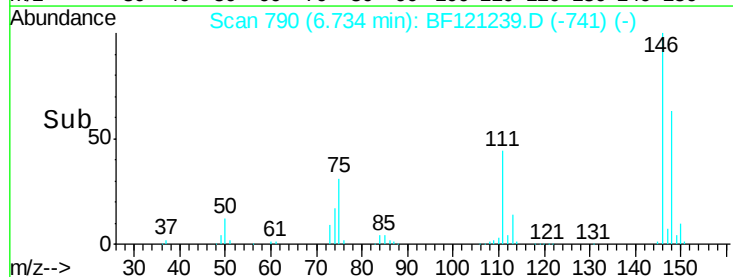
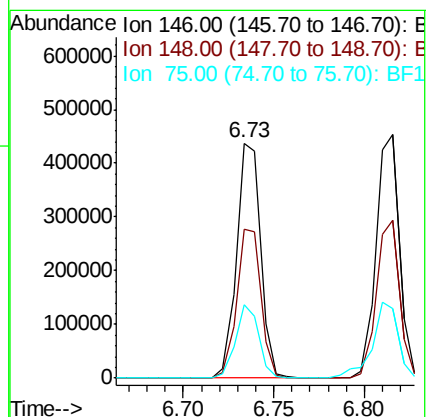
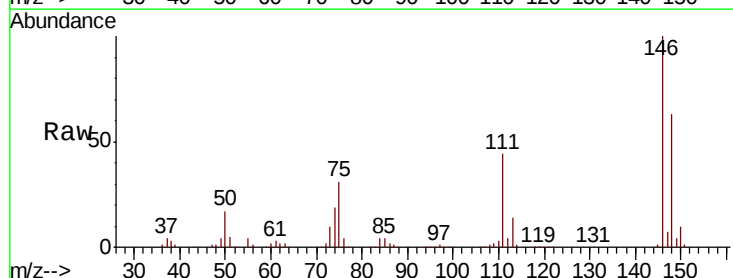
Tgt Ion: 146 Resp: 406874

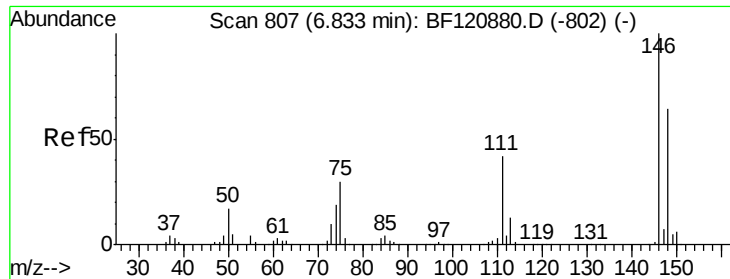
Ion Ratio Lower Upper

146 100

148 63.2 51.7 77.5

75 31.4 23.8 35.6

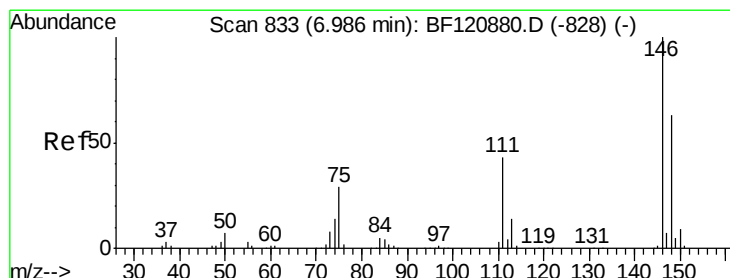
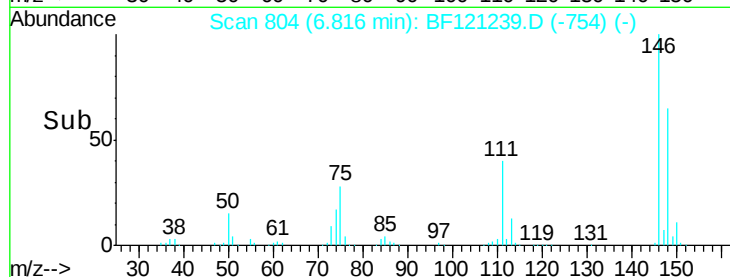
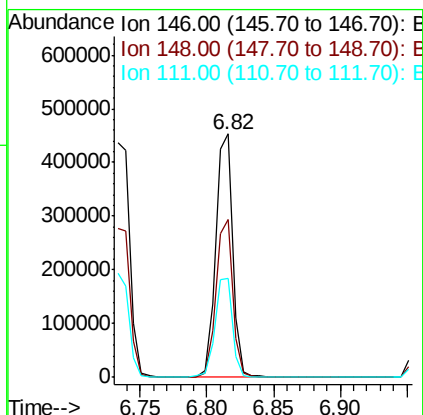
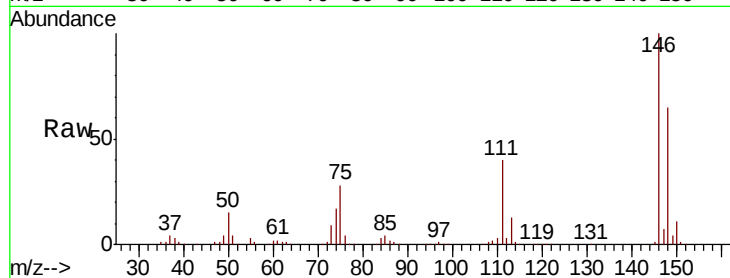




#13
 1,4-Dichlorobenzene
 Concen: 36.849 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

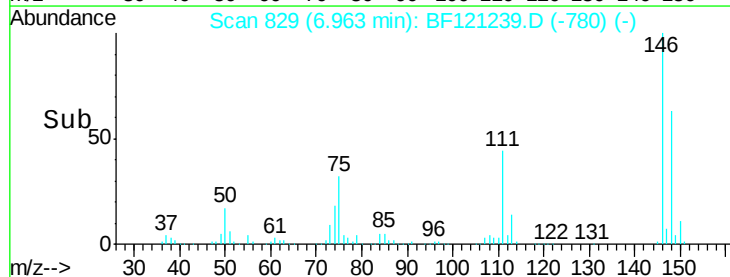
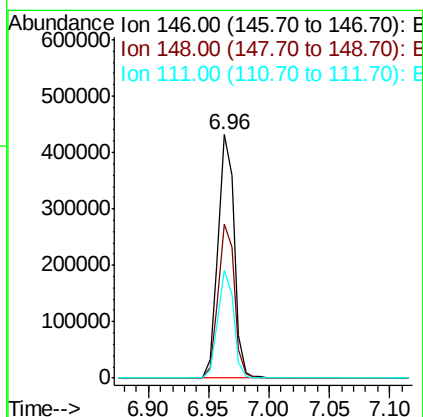
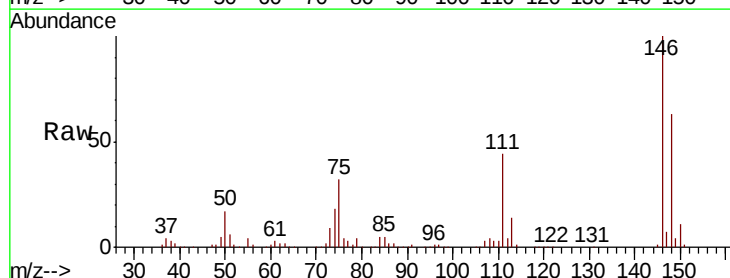
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

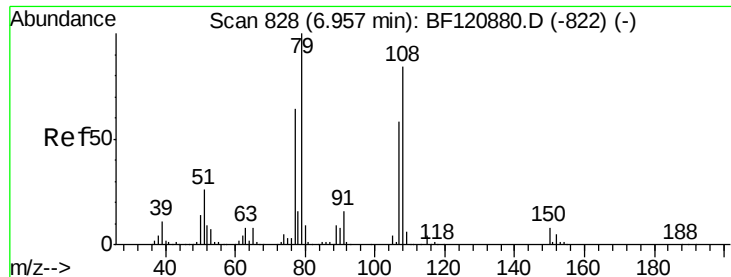
Tot Ion:146 Resp: 409558
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.5 75.7
 111 40.5 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 37.552 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion:146 Resp: 394854
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 44.2 35.4 53.0





#15

Benzyl Alcohol

Concen: 36.595 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

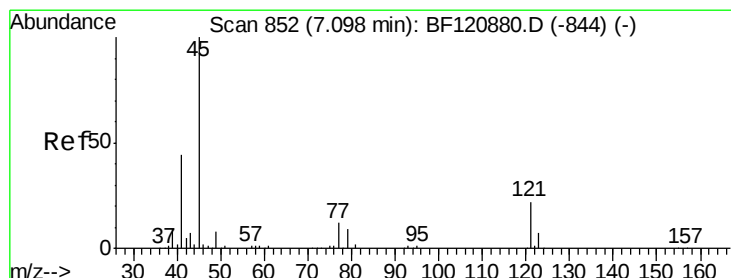
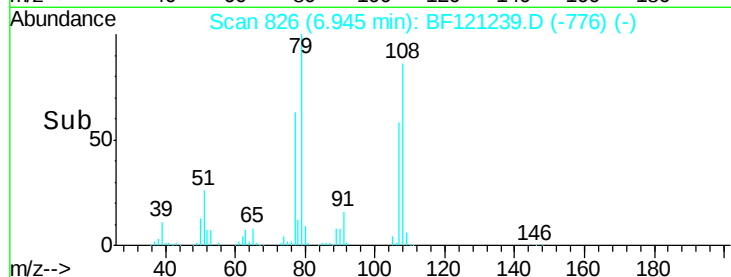
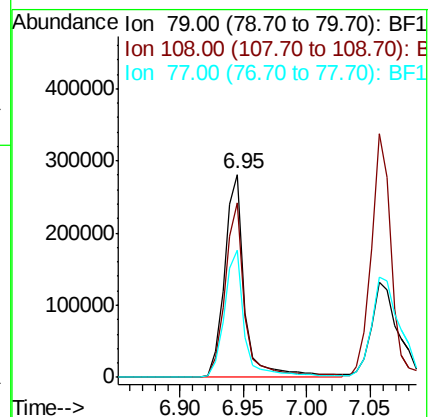
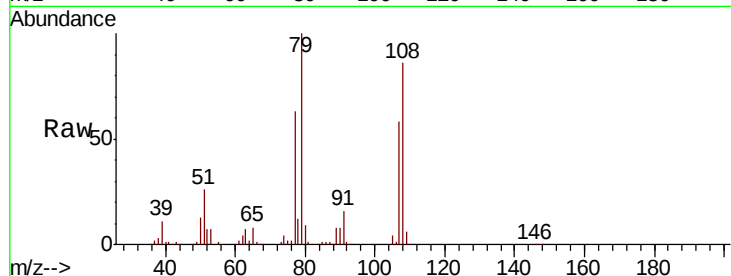
Tot Ion: 79 Resp: 312805

Ion Ratio Lower Upper

79 100

108 85.8 68.6 103.0

77 62.6 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.632 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

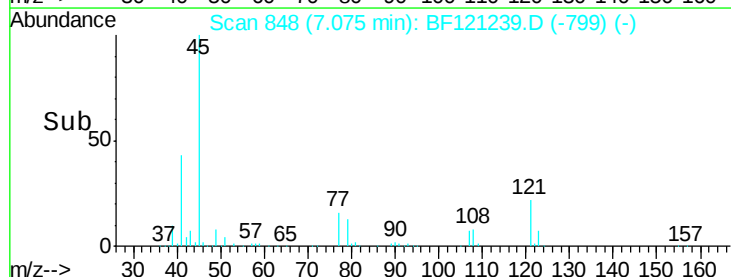
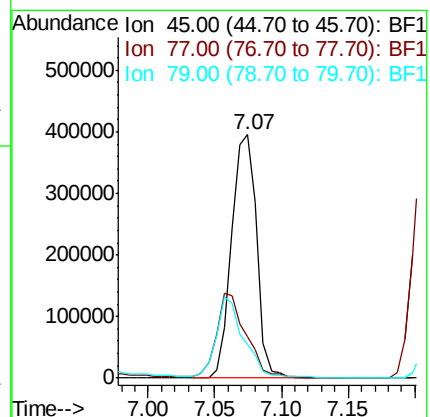
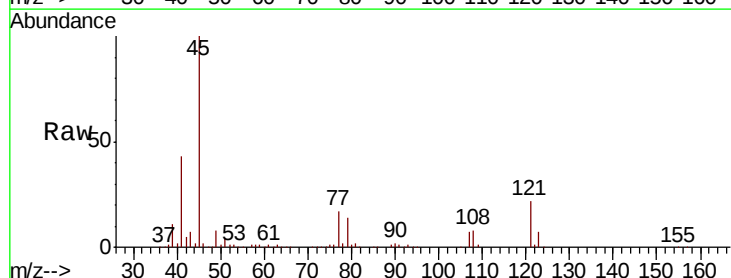
Tgt Ion: 45 Resp: 523336

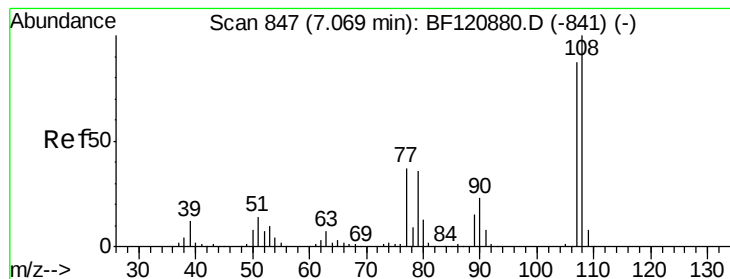
Ion Ratio Lower Upper

45 100

77 16.9 0.0 34.7

79 13.7 0.0 32.0





#17

2-Methylphenol

Concen: 34.713 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

Tot Ion:107 Resp: 317152

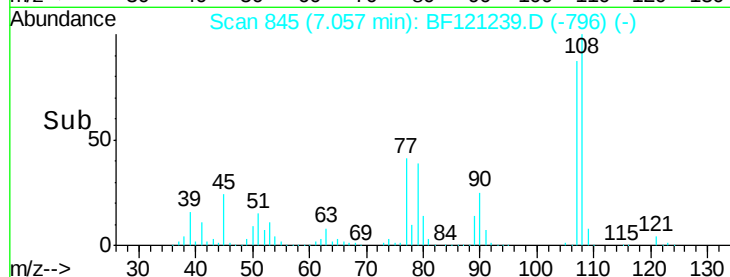
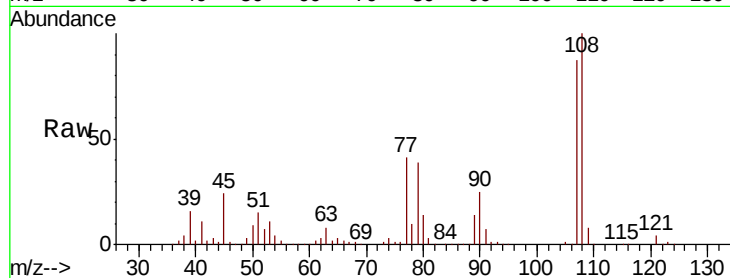
Ion Ratio Lower Upper

107 100

108 115.1 91.2 136.8

77 47.2 36.5 54.7

79 45.0 35.0 52.6



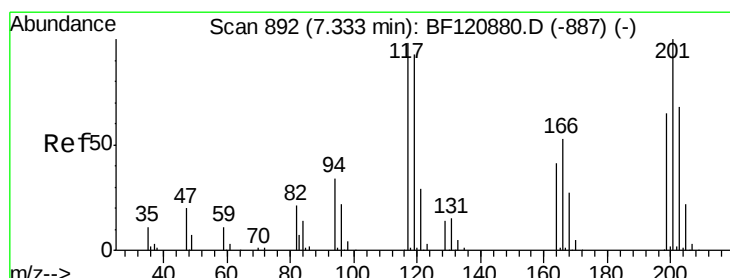
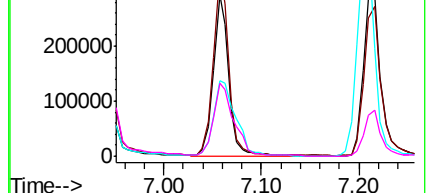
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



#18

Hexachloroethane

Concen: 37.843 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

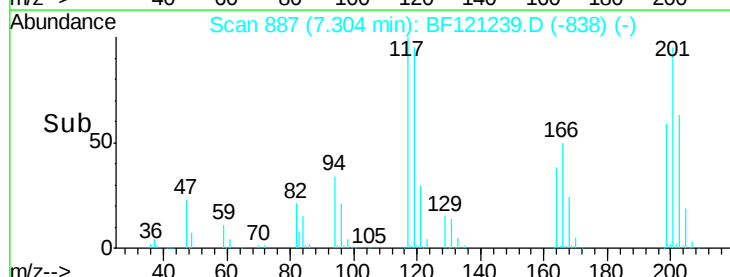
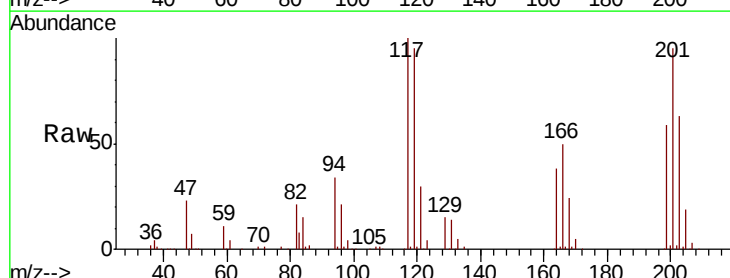
Tgt Ion:117 Resp: 152234

Ion Ratio Lower Upper

117 100

119 94.9 76.6 114.8

201 94.7 75.0 112.4

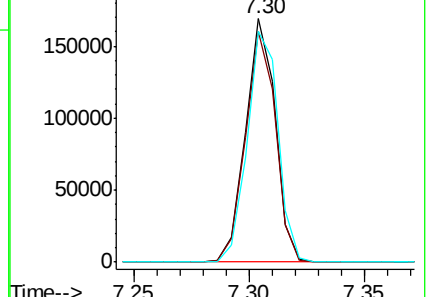


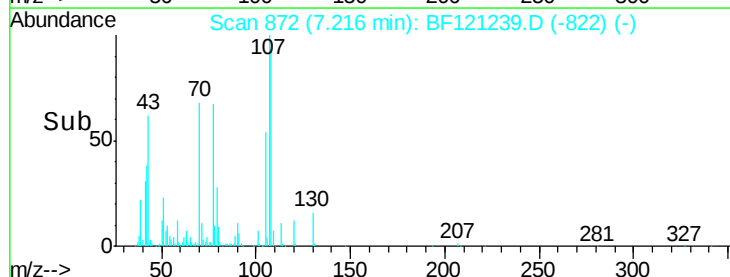
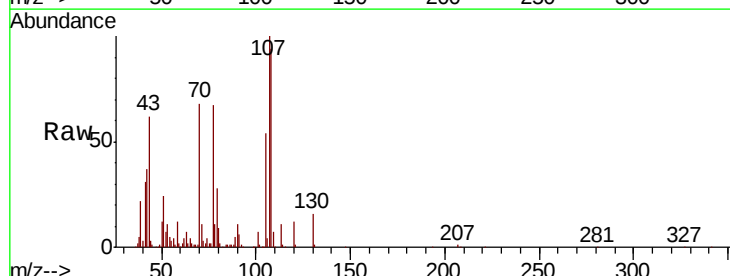
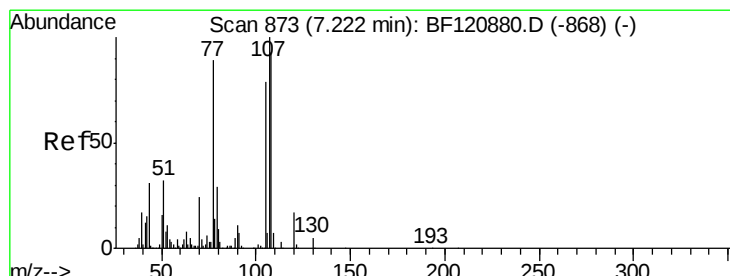
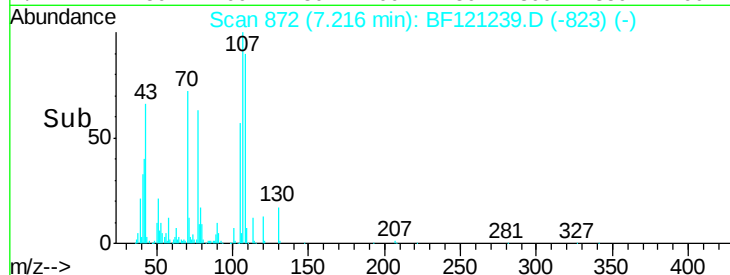
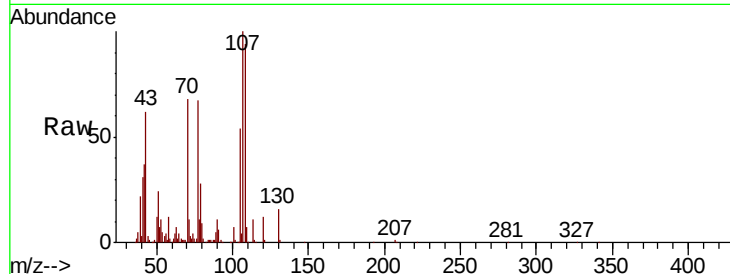
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

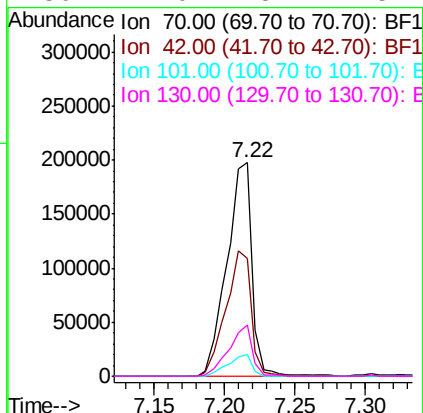




#19
n-Nitroso-di-n-propylamine
Concen: 35.486 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

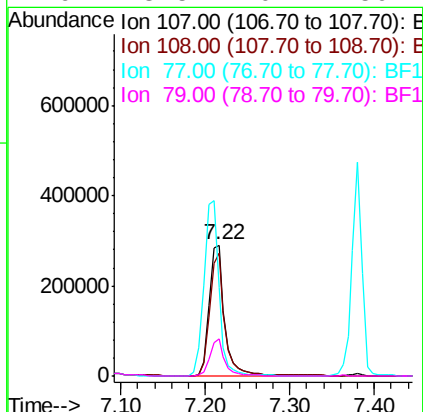
Instrument :
BNA_F
ClientSampleId :
PB130878BS

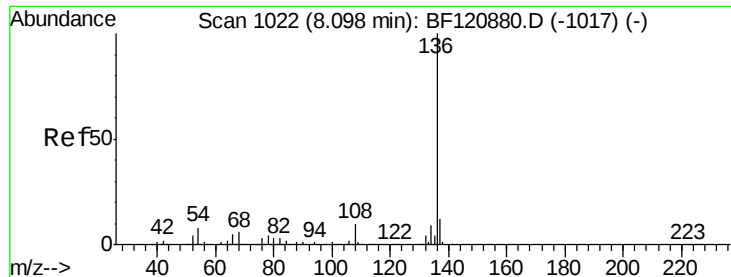
Tot Ion:	70	Resp:	243896
Ion	Ratio	Lower	Upper
70	100		
42	55.1	43.3	64.9
101	10.0	8.4	12.6
130	24.0	18.7	28.1



#20
3+4-Methylphenols
Concen: 31.905 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:	107	Resp:	370806
Ion	Ratio	Lower	Upper
107	100		
108	93.8	73.7	113.7
77	66.9	84.9	124.9#
79	28.5	10.7	50.7

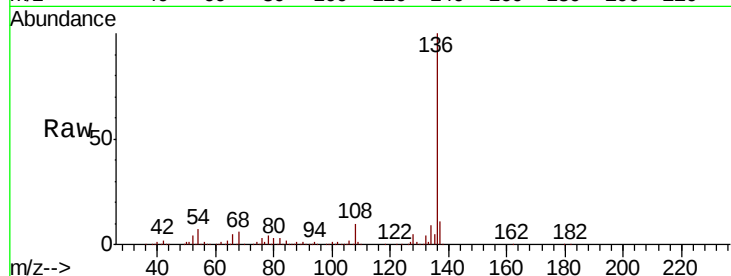




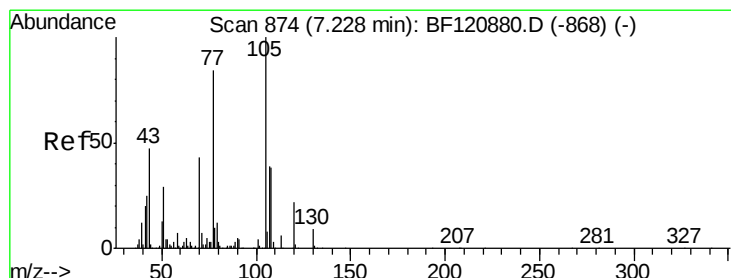
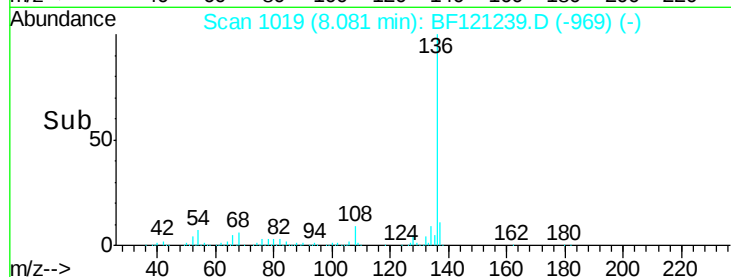
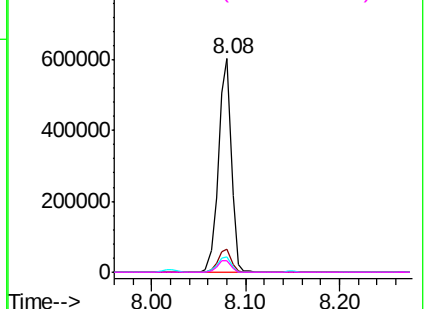
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Instrument :
BNA_F
ClientSampleId :
PB130878BS

Tot Ion:136	Resp:	580151
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	7.0	6.1 9.1
68	5.6	5.0 7.6

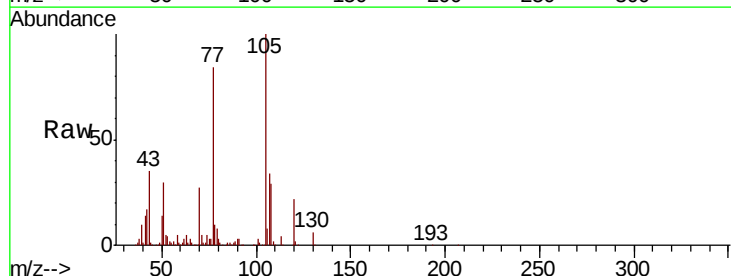


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

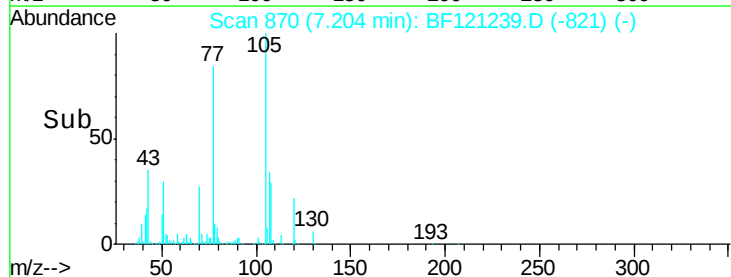
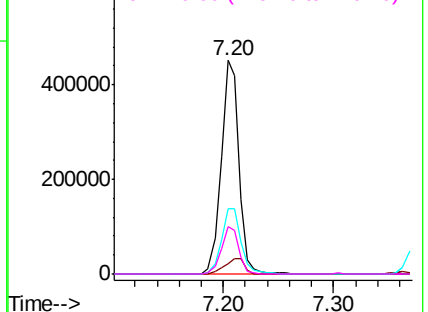


#22
Acetophenone
Concen: 38.604 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:105	Resp:	502632
Ion Ratio	Lower	Upper
105	100	
71	4.7	3.8 5.8
51	30.4	28.0 42.0
120	22.3	17.8 26.6



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

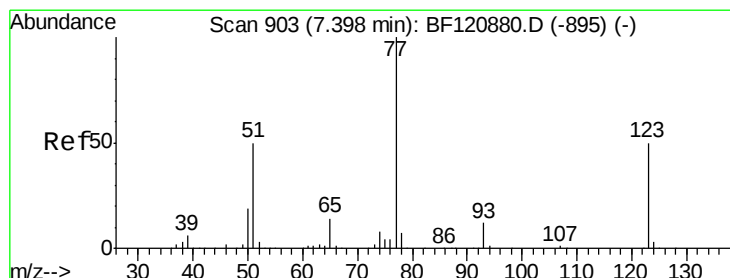
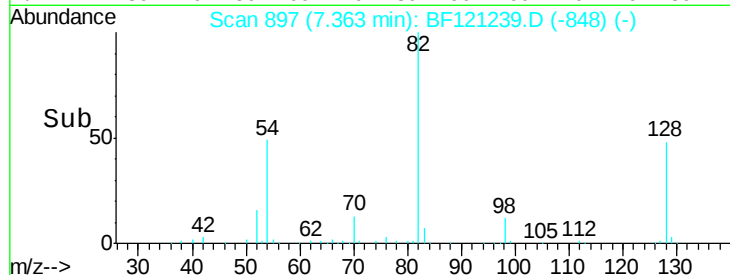
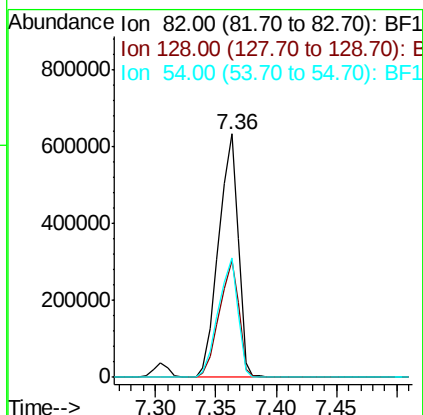
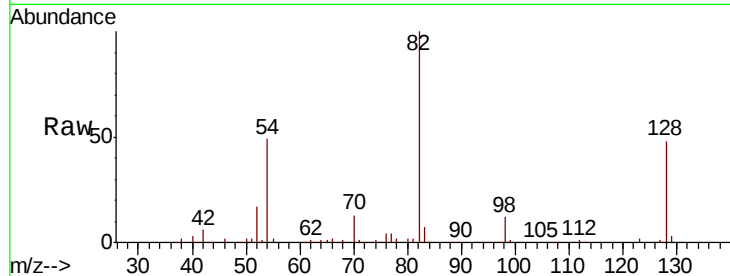




#23
 Nitrobenzene-d5
 Concen: 70.931 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

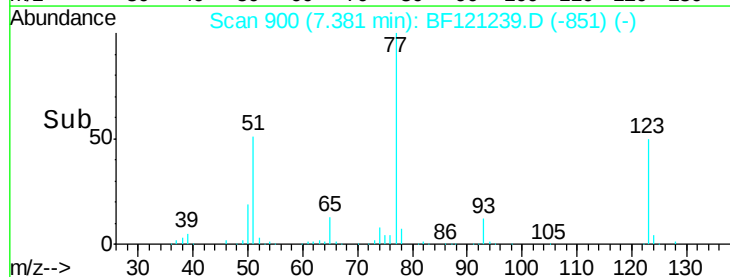
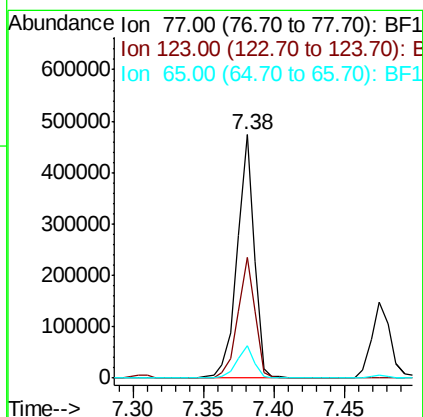
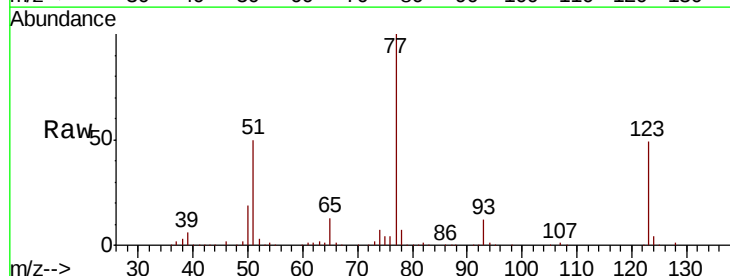
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

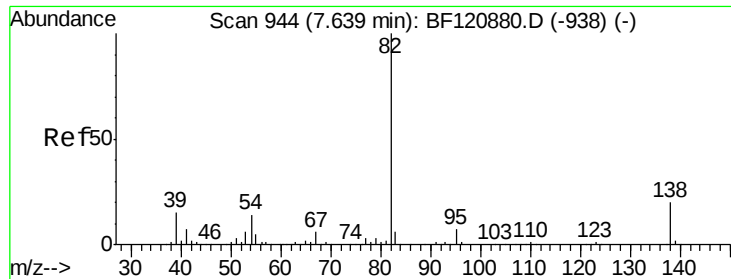
Tot Ion: 82 Resp: 711174
 Ion Ratio Lower Upper
 82 100
 128 48.1 39.2 58.8
 54 48.8 37.8 56.8



#24
 Nitrobenzene
 Concen: 36.711 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion: 77 Resp: 396714
 Ion Ratio Lower Upper
 77 100
 123 49.5 41.0 61.6
 65 13.4 10.3 15.5





#25

Isophorone

Concen: 36.097 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

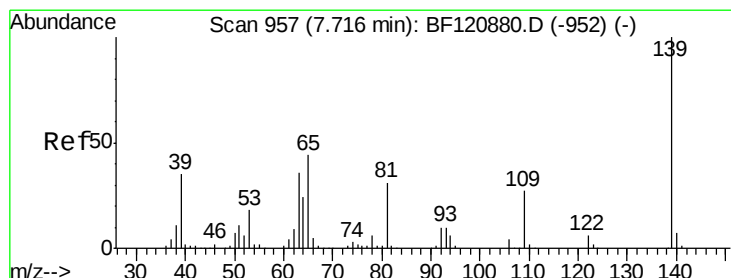
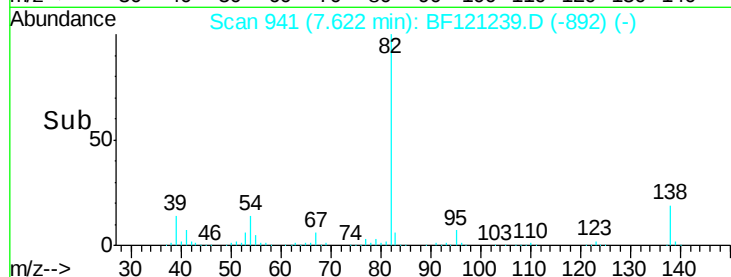
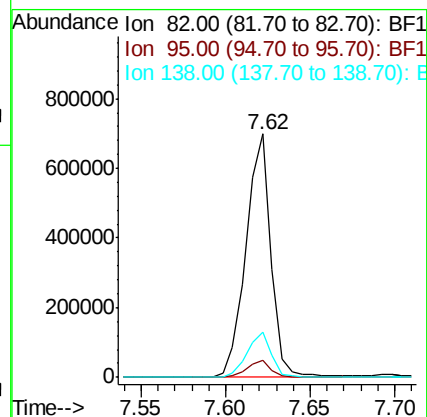
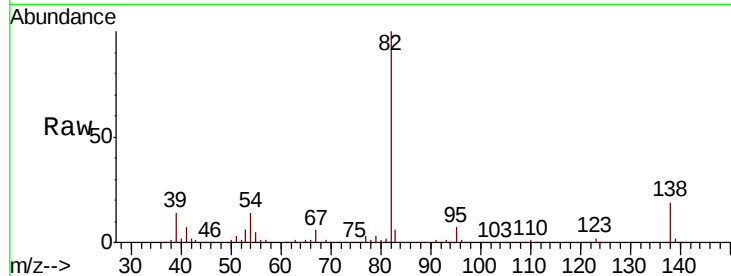
Tot Ion: 82 Resp: 722308

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 18.8 16.2 24.2



#26

2-Nitrophenol

Concen: 41.499 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

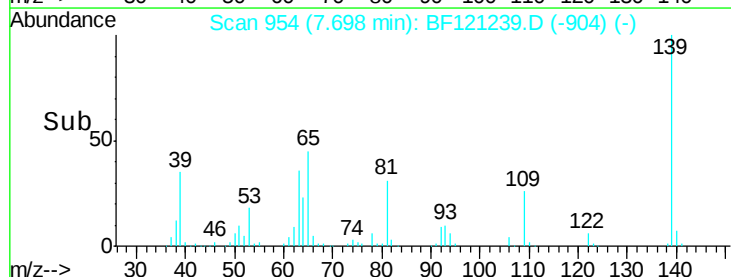
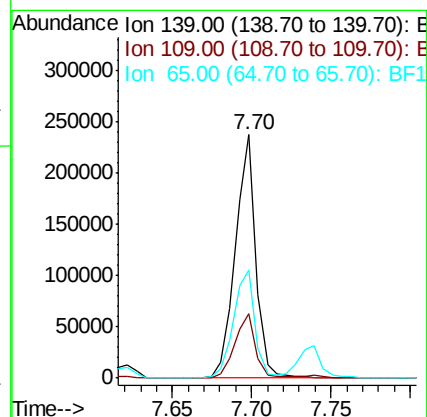
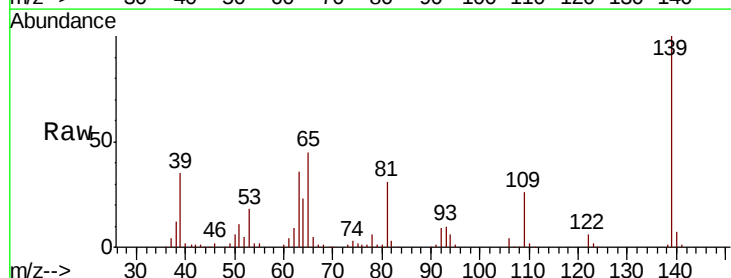
Tgt Ion: 139 Resp: 212985

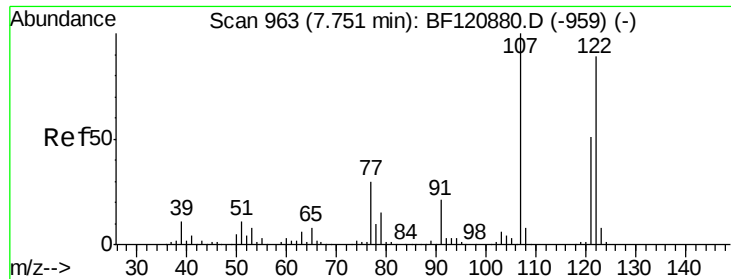
Ion Ratio Lower Upper

139 100

109 26.4 21.7 32.5

65 44.6 36.3 54.5

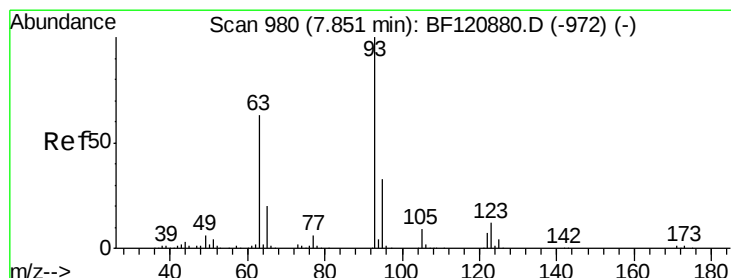
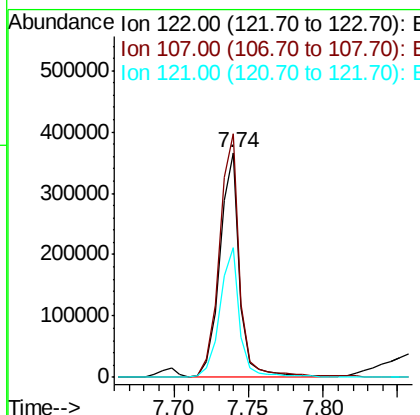
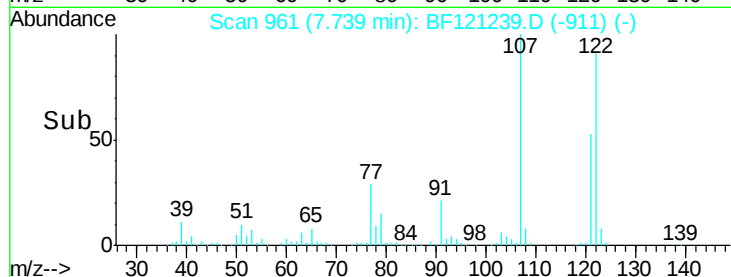
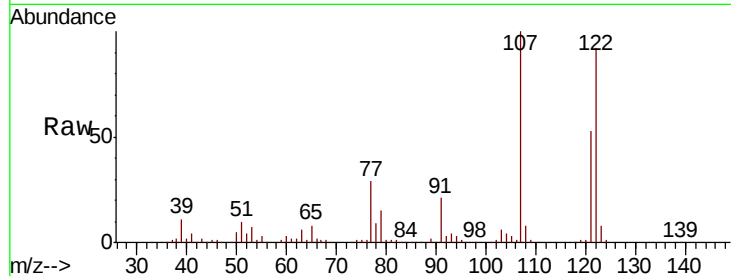




#27
2,4-Dimethylphenol
Concen: 41.073 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

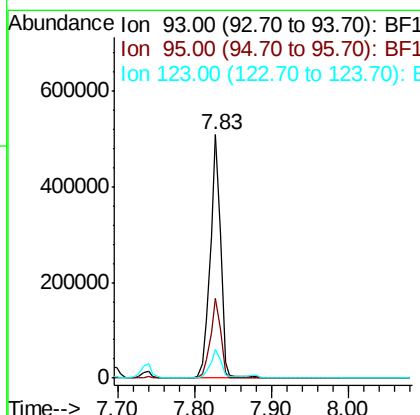
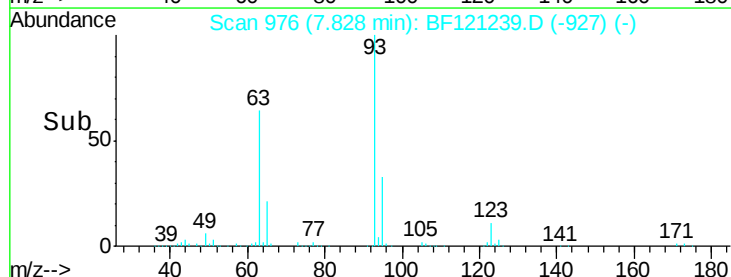
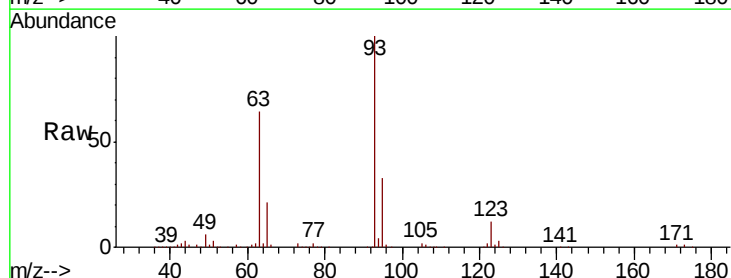
Instrument :
BNA_F
ClientSampleId :
PB130878BS

Tot Ion:122 Resp: 342254
Ion Ratio Lower Upper
122 100
107 108.5 87.1 130.7
121 57.7 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.434 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion: 93 Resp: 469460
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 11.6 9.5 14.3

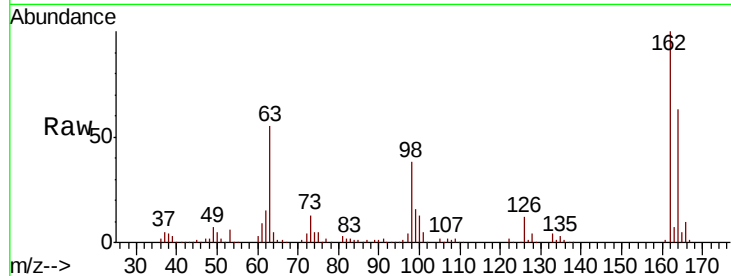




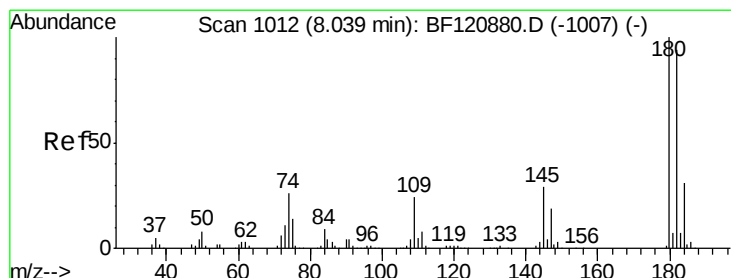
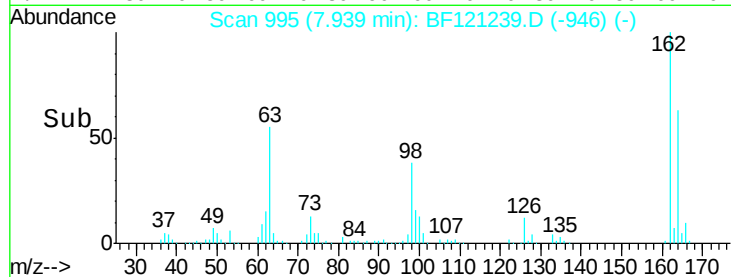
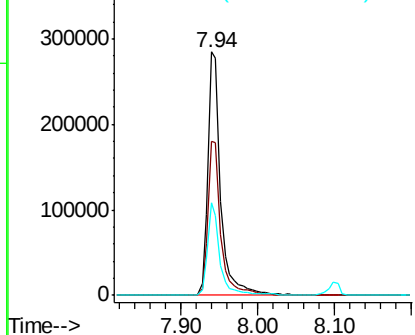
#29
 2,4-Dichlorophenol
 Concen: 38.721 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.7	84.7
98	37.9	14.2	54.2

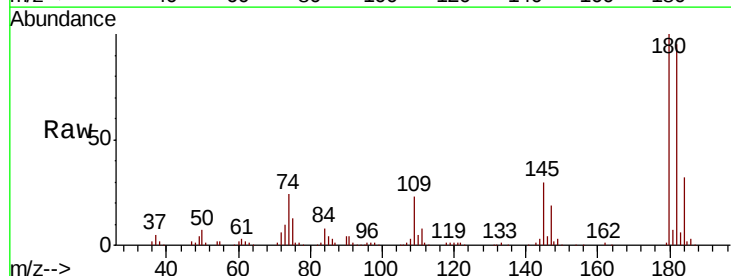


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

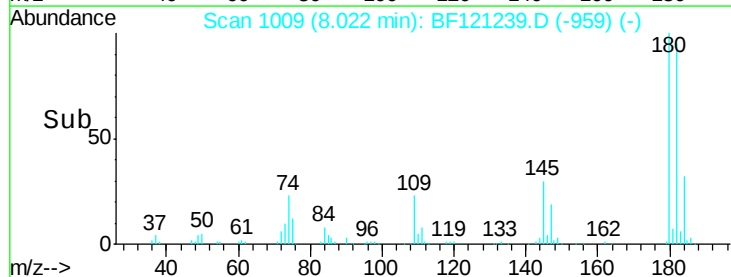
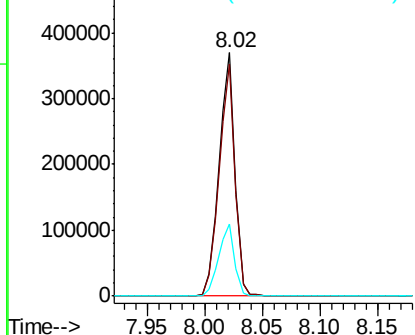


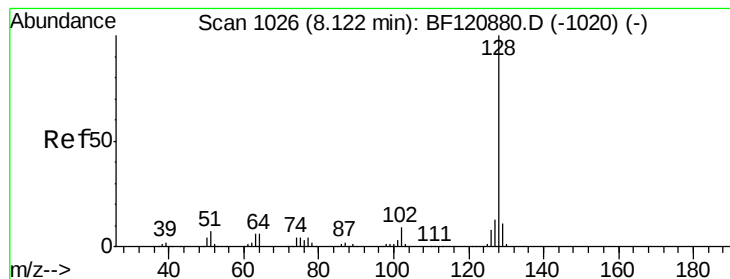
#30
 1,2,4-Trichlorobenzene
 Concen: 37.326 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.4	114.6
145	29.8	24.2	36.4



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





#31

Naphthalene

Concen: 36.718 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

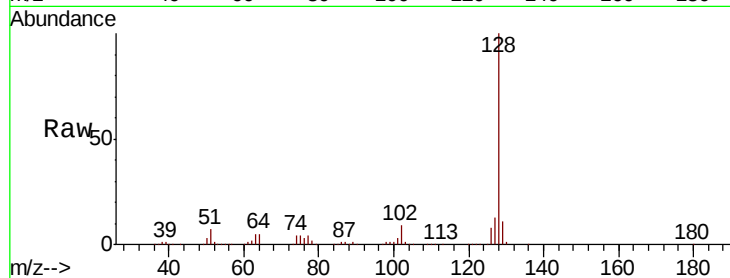
Tot Ion:128 Resp: 1092700

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

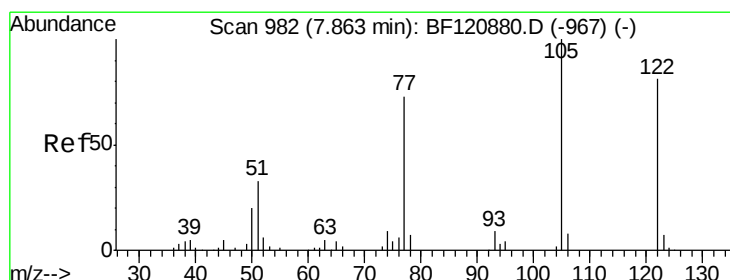
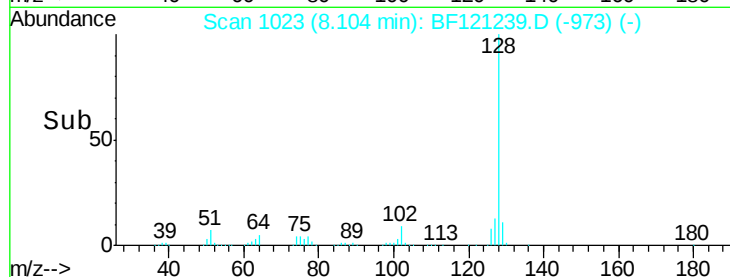
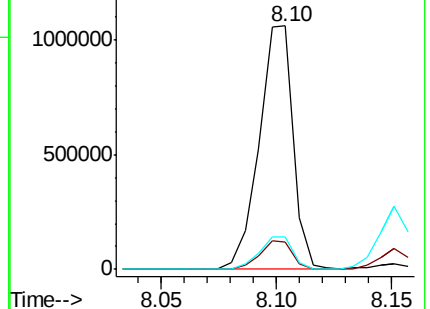
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.572 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

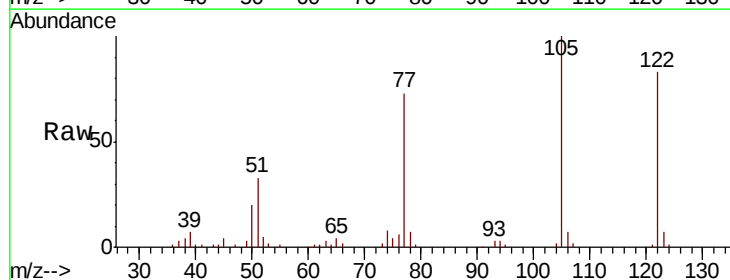
Tgt Ion:122 Resp: 159960

Ion Ratio Lower Upper

122 100

105 120.0 100.9 140.9

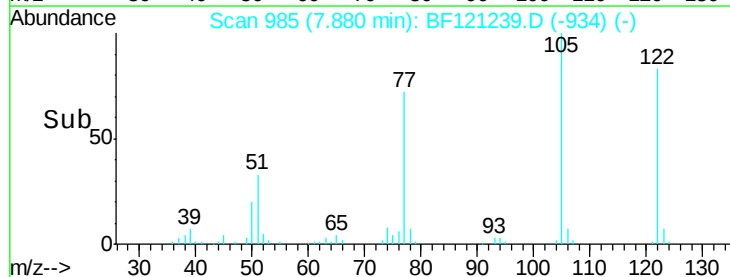
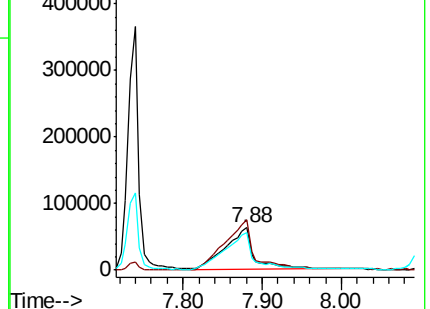
77 87.8 67.8 107.8

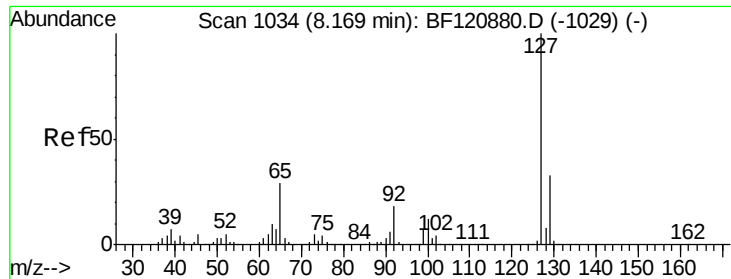


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

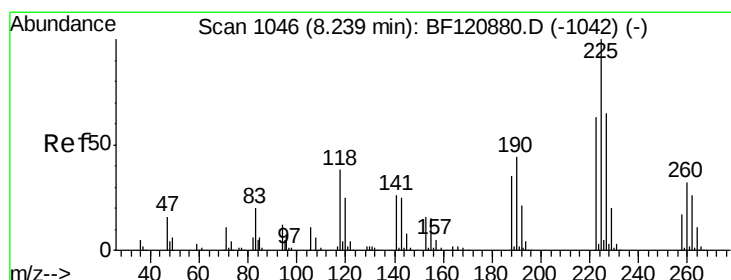
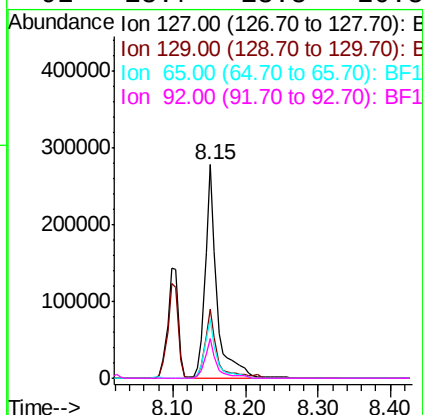
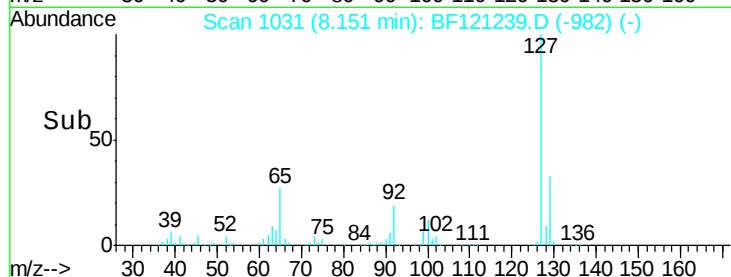
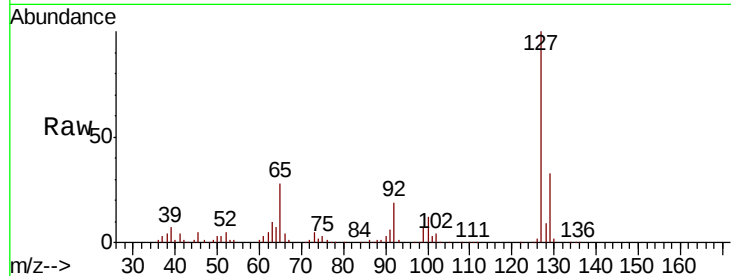




#33
4-Chloroaniline
Concen: 23.619 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

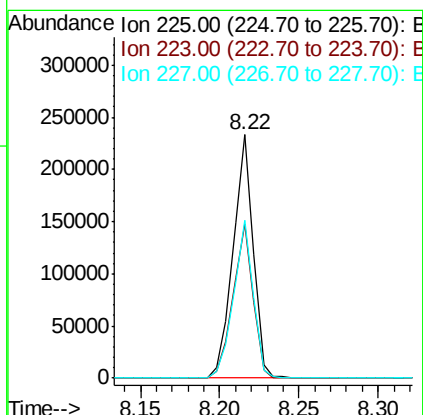
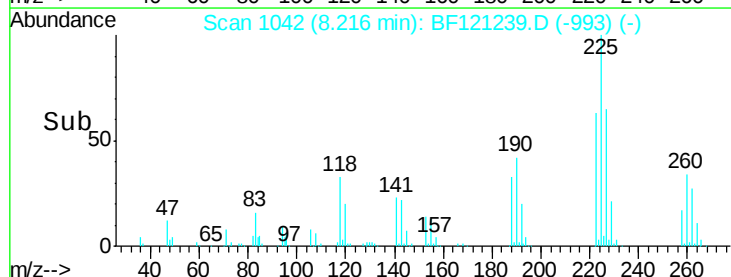
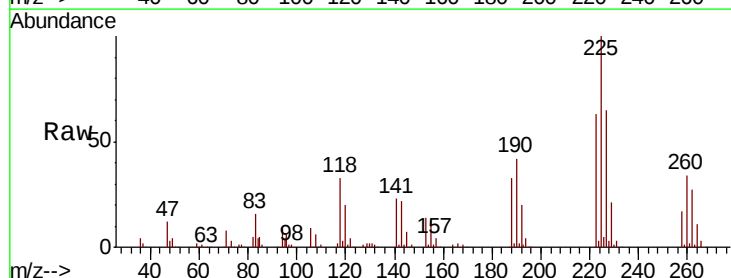
Instrument :
BNA_F
ClientSampleId :
PB130878BS

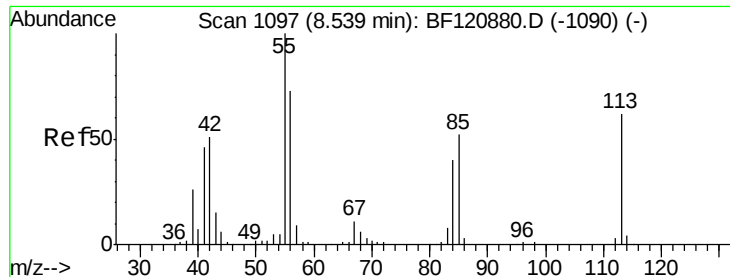
Tot Ion:	127	Resp:	313545
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	27.9	21.4	32.0
92	18.7	13.8	20.8



#34
Hexachlorobutadiene
Concen: 36.937 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:	225	Resp:	205706
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	64.8	51.4	77.0

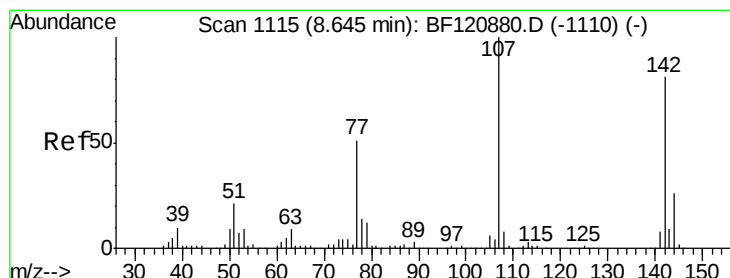
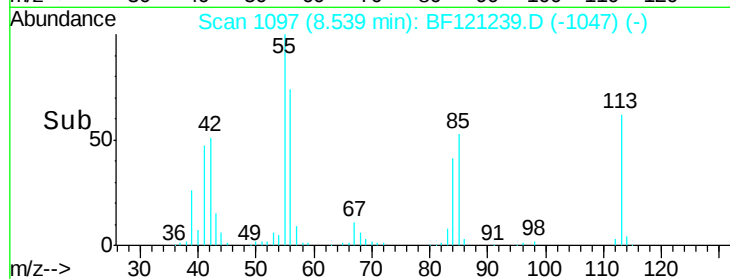
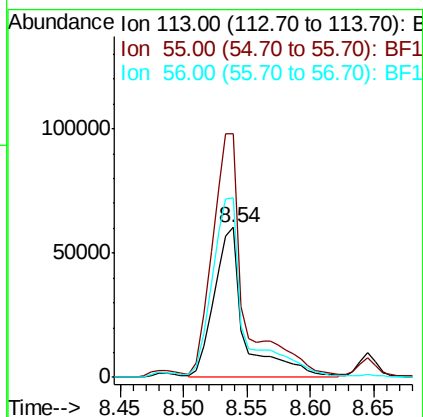
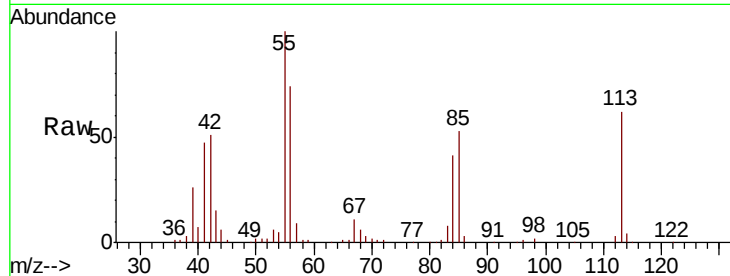




#35
 Caprolactam
 Concen: 37.058 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

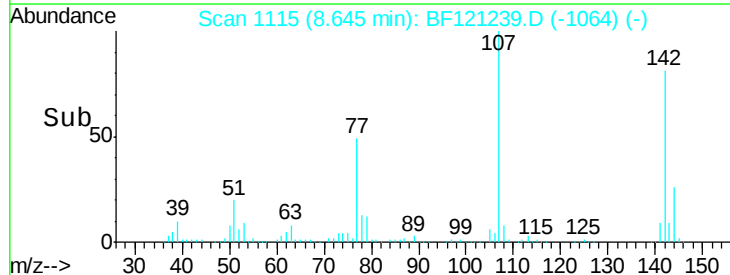
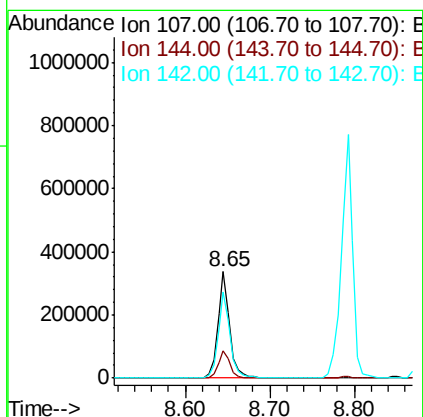
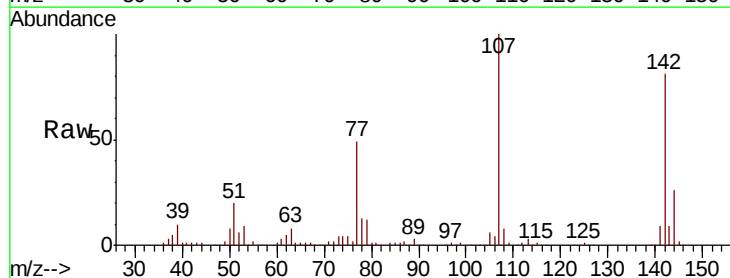
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

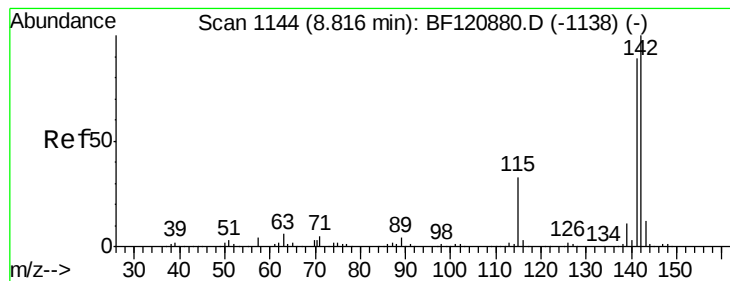
Tot Ion:113 Resp: 101191
 Ion Ratio Lower Upper
 113 100
 55 162.3 131.0 171.0
 56 120.1 90.4 130.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.509 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion:107 Resp: 336296
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.9 31.3
 142 81.3 64.5 96.7





#37

2-Methylnaphthalene

Concen: 38.441 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

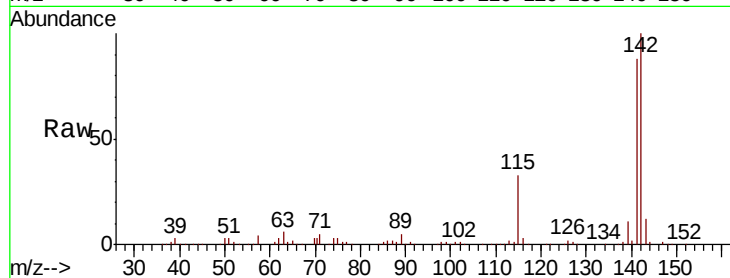
Tot Ion:142 Resp: 742778

Ion Ratio Lower Upper

142 100

141 88.2 70.6 105.8

115 33.3 27.1 40.7



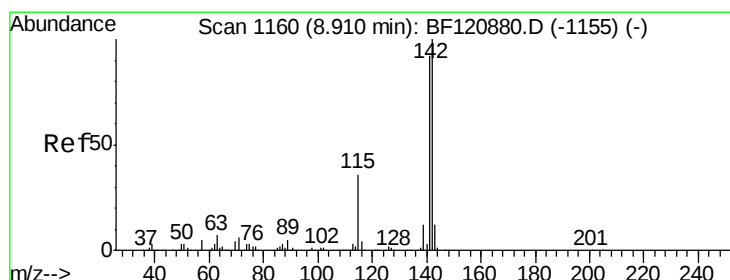
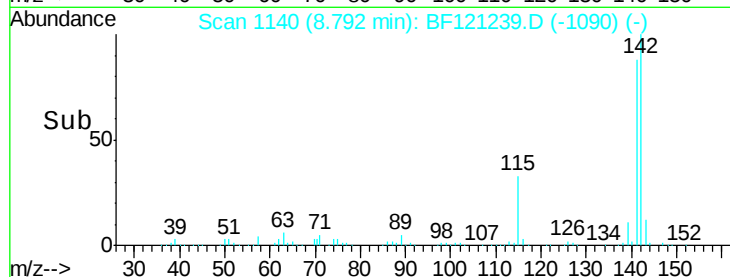
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.79

Time-->



#38

1-Methylnaphthalene

Concen: 38.082 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

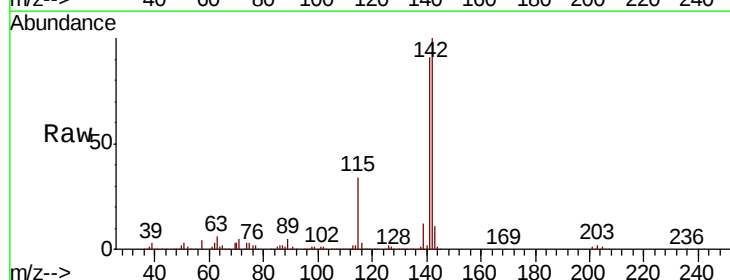
Tgt Ion:142 Resp: 696923

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.6

116 3.5 3.0 4.6



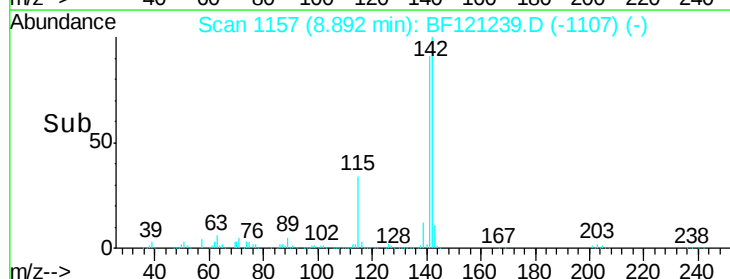
Abundance Ion 142.00 (141.70 to 142.70): E

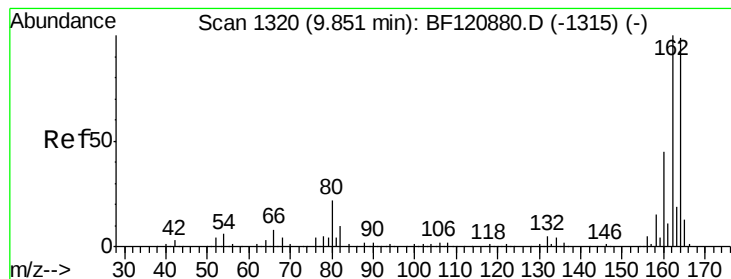
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.89

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

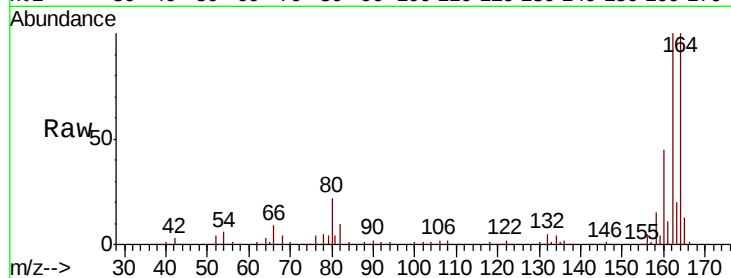
Tot Ion:164 Resp: 295492

Ion Ratio Lower Upper

164 100

162 99.8 82.2 123.2

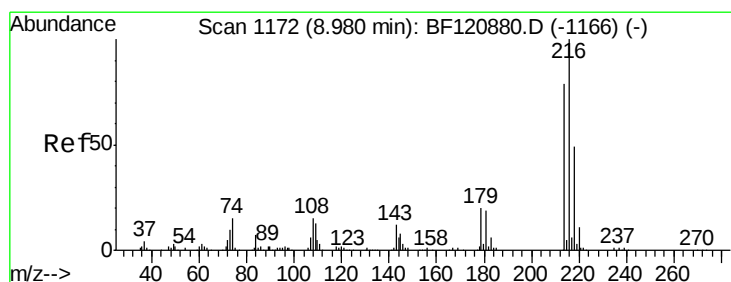
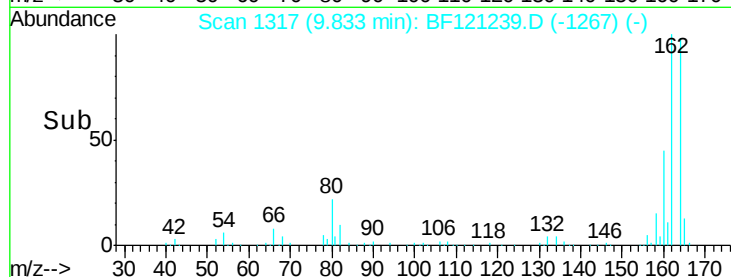
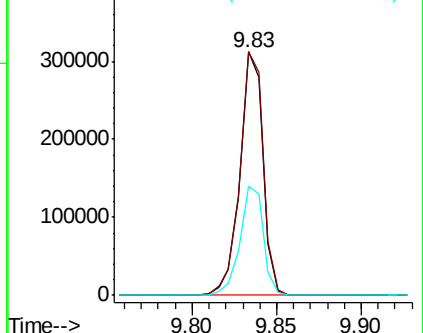
160 45.0 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.278 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Tgt Ion:216 Resp: 346767

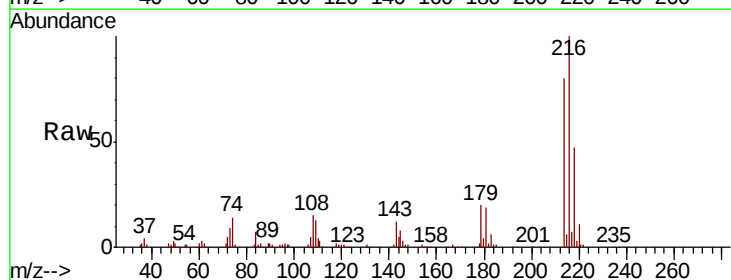
Ion Ratio Lower Upper

216 100

214 79.8 63.9 95.9

179 20.6 16.6 24.8

108 19.8 15.0 22.4

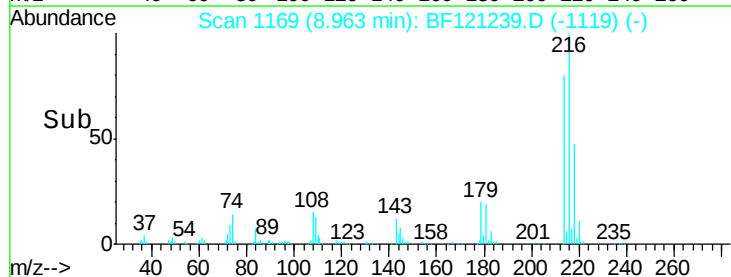
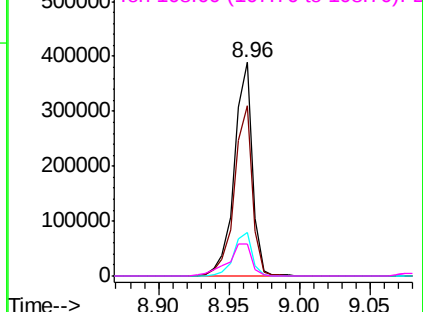


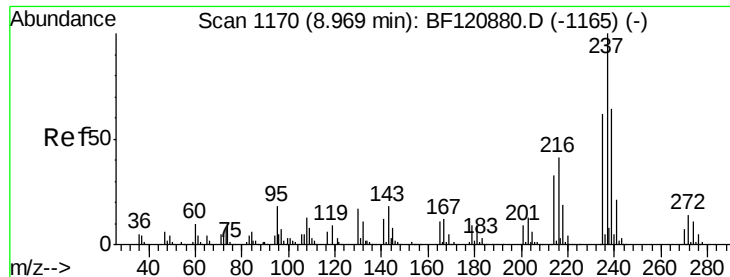
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.339 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

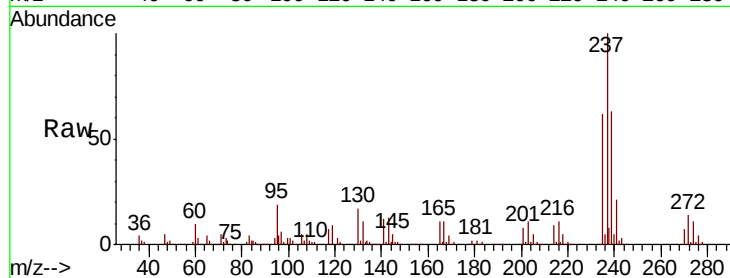
Tot Ion:237 Resp: 315655

Ion Ratio Lower Upper

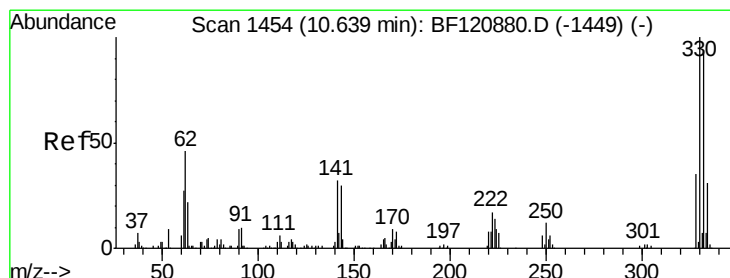
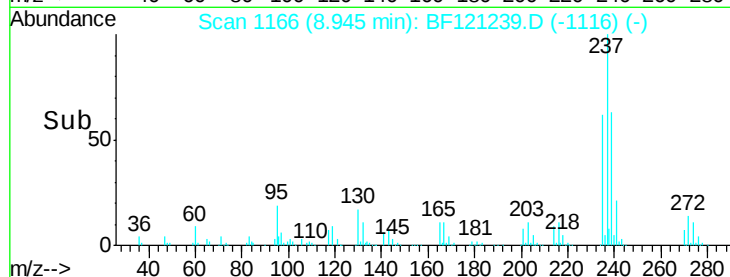
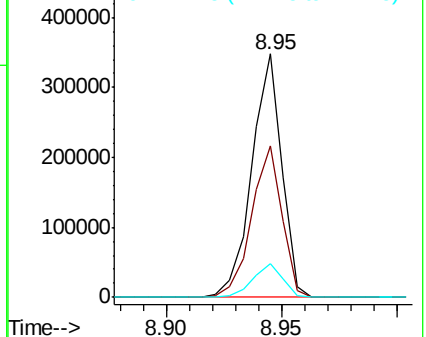
237 100

235 62.3 43.2 83.2

272 13.7 0.0 33.6



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: 96.087 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

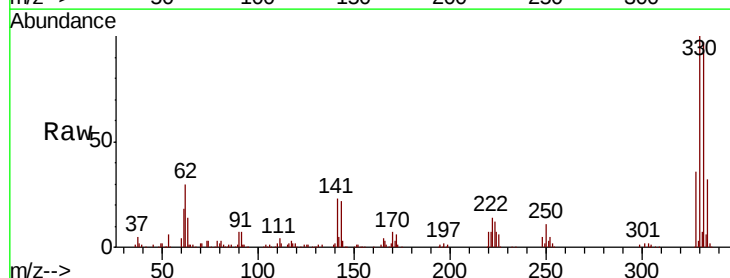
Tgt Ion:330 Resp: 310788

Ion Ratio Lower Upper

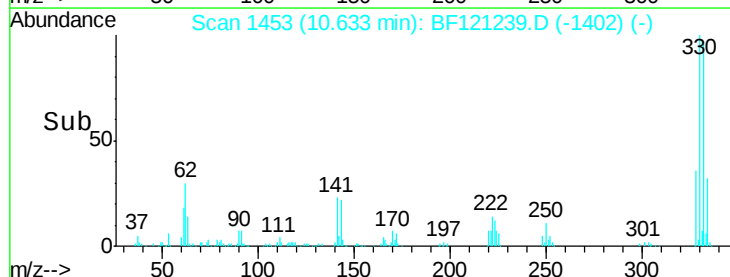
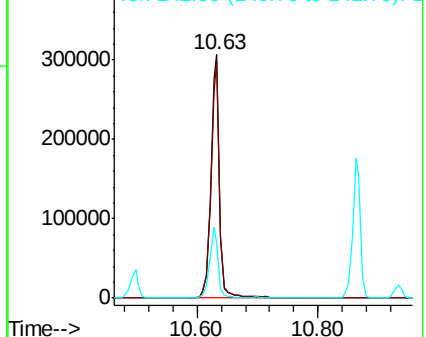
330 100

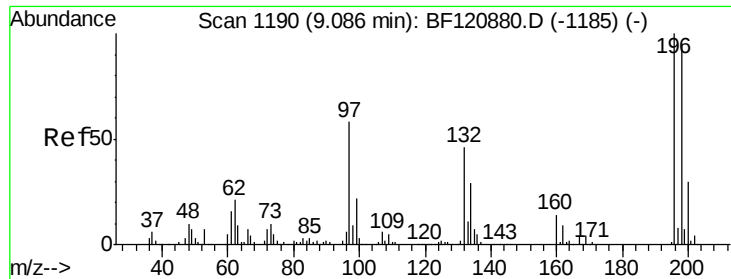
332 95.6 76.1 114.1

141 29.3 24.1 36.1



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

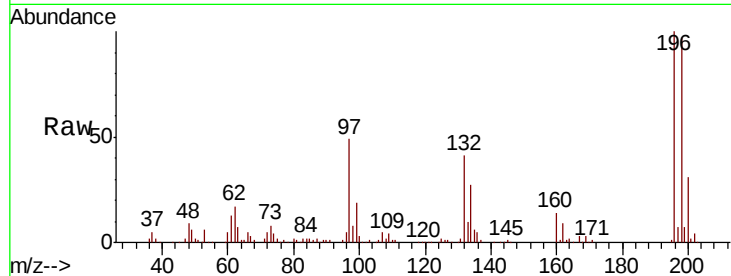




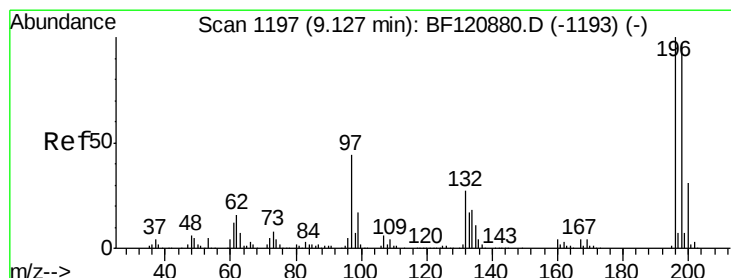
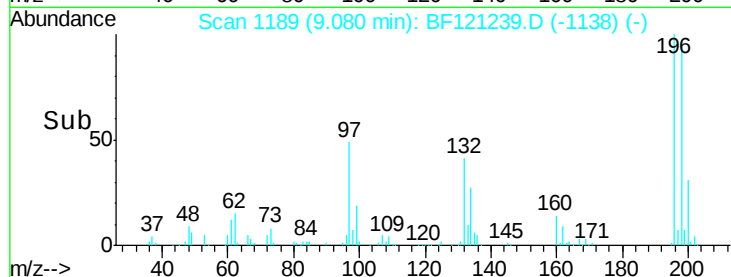
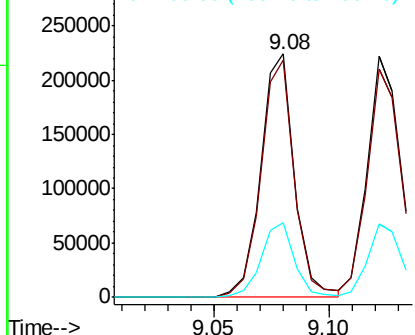
#43
 2,4,6-Trichlorophenol
 Concen: 37.680 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

Tot Ion:196 Resp: 228406
 Ion Ratio Lower Upper
 196 100
 198 97.5 77.5 116.3
 200 30.9 24.6 37.0

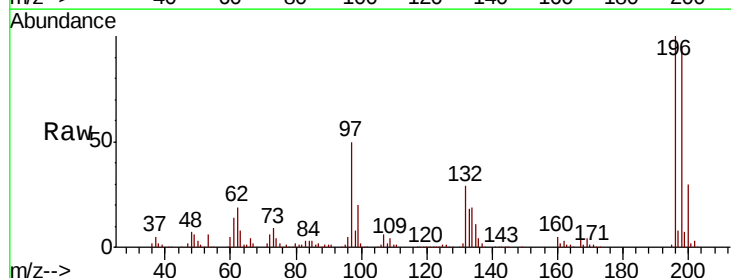


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

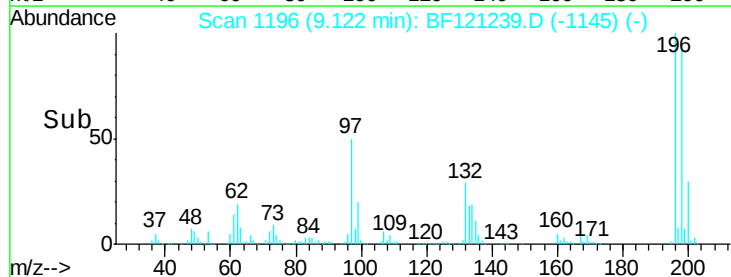
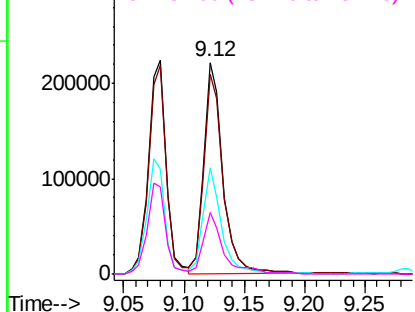


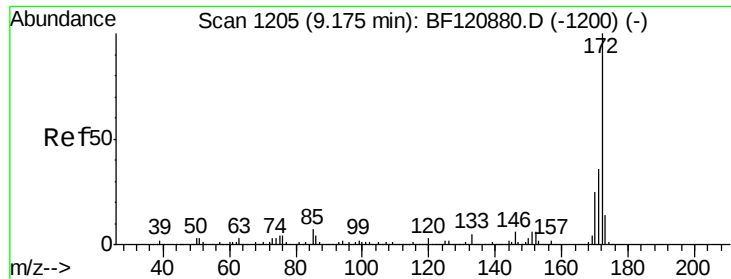
#44
 2,4,5-Trichlorophenol
 Concen: 35.201 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion:196 Resp: 242042
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.2 114.4
 97 50.2 37.3 55.9
 132 29.1 22.0 33.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

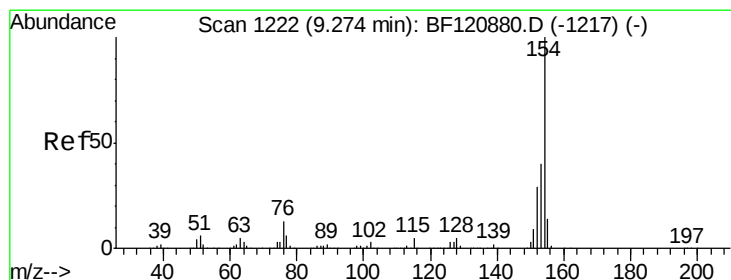
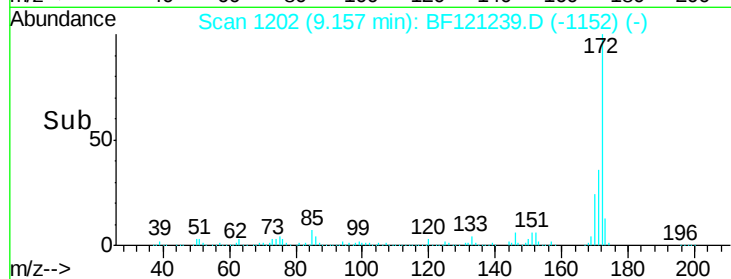
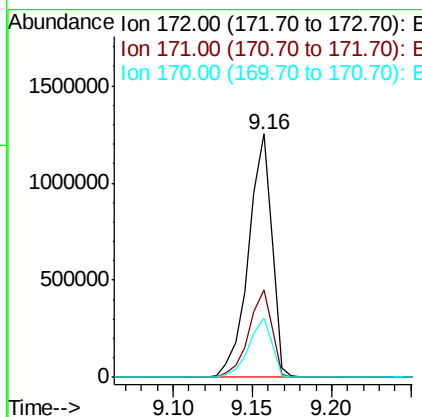
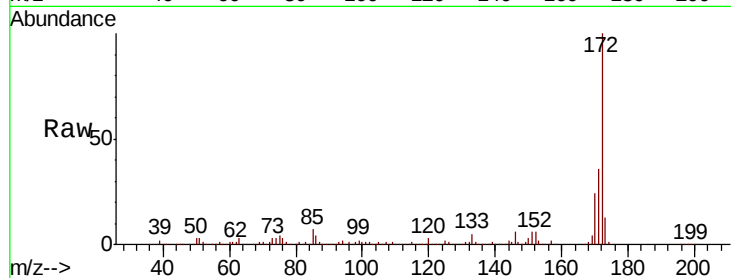




#45
2-Fluorobiphenyl
Concen: 64.739 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

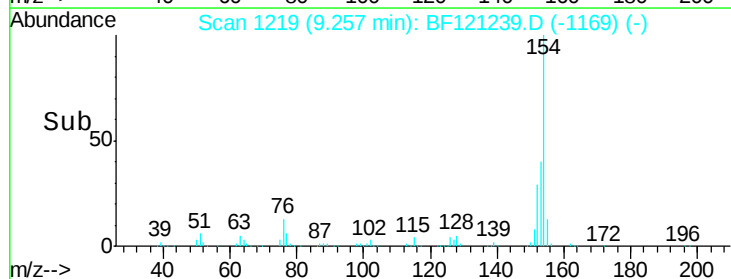
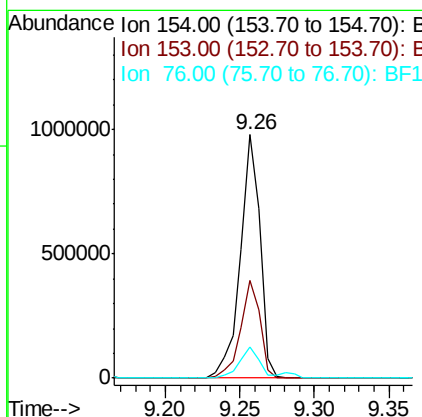
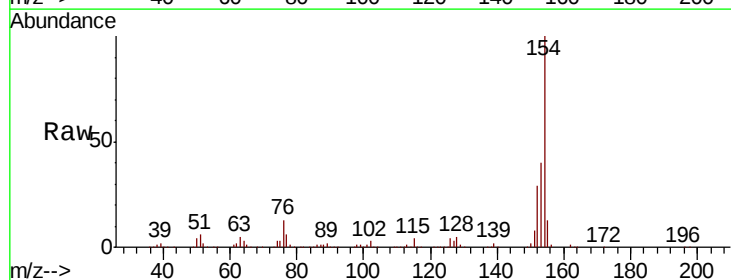
Instrument :
BNA_F
ClientSampleId :
PB130878BS

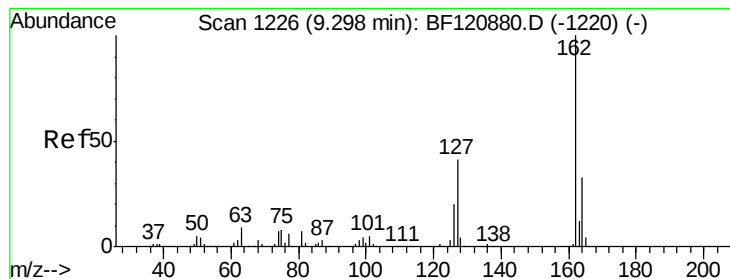
Tot Ion:172 Resp: 1281259
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.2 19.6 29.4



#46
1,1'-Biphenyl
Concen: 40.036 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:154 Resp: 902412
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 12.8 0.0 33.4





#47

2-Chloronaphthalene

Concen: 37.545 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

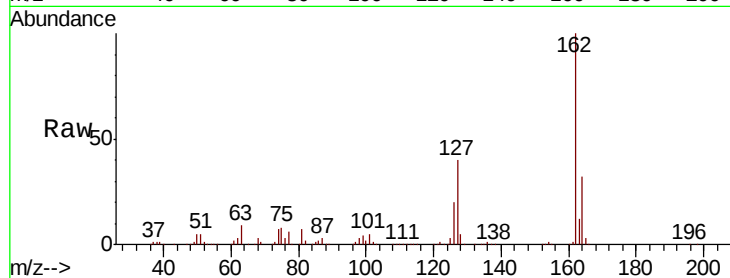
Tot Ion:162 Resp: 689976

Ion Ratio Lower Upper

162 100

127 40.5 31.1 46.7

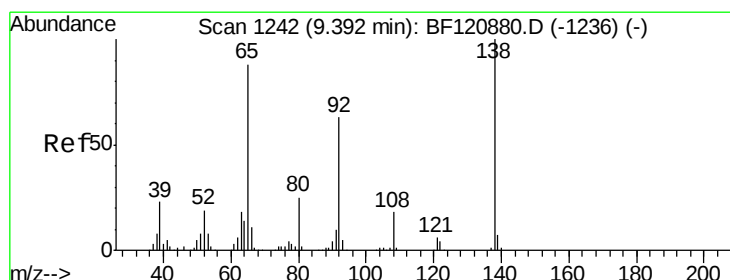
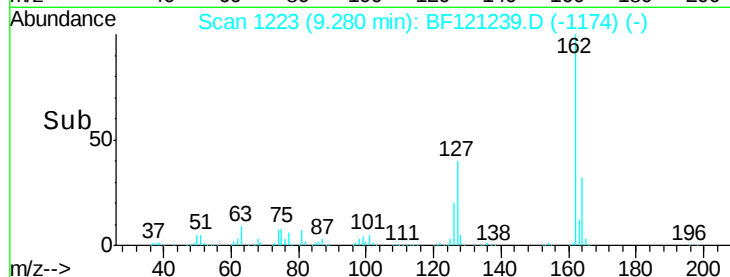
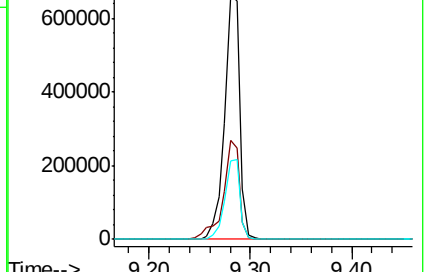
164 32.5 26.6 40.0



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: 38.299 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

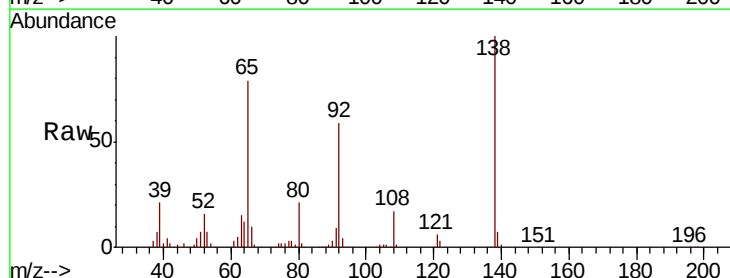
Tgt Ion: 65 Resp: 212699

Ion Ratio Lower Upper

65 100

92 74.5 58.0 87.0

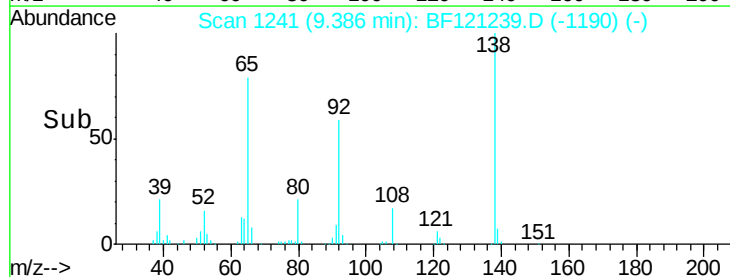
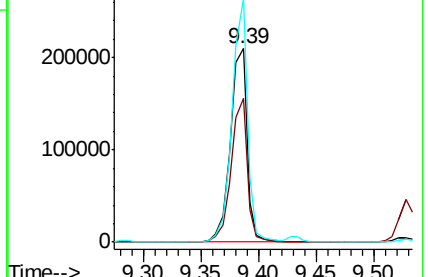
138 125.9 93.3 139.9

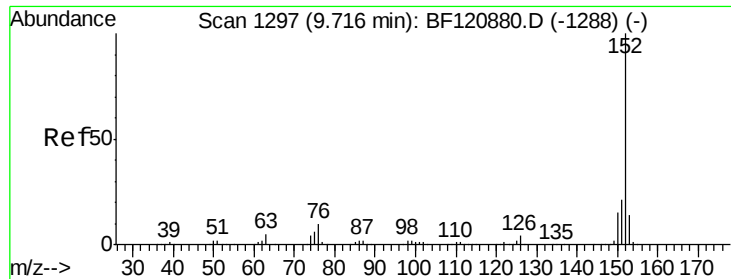


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.013 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

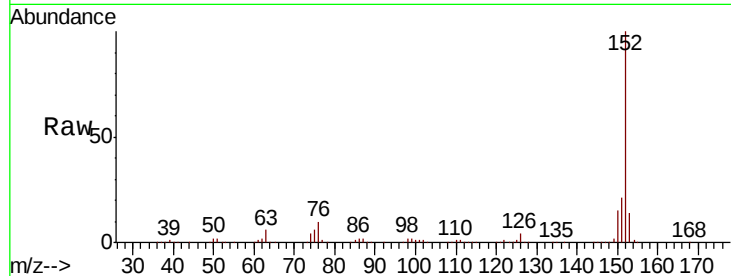
Tot Ion:152 Resp: 1085242

Ion Ratio Lower Upper

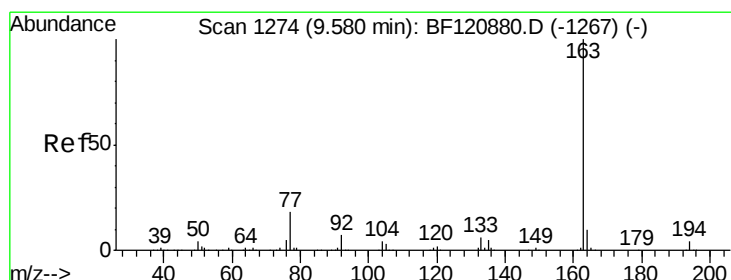
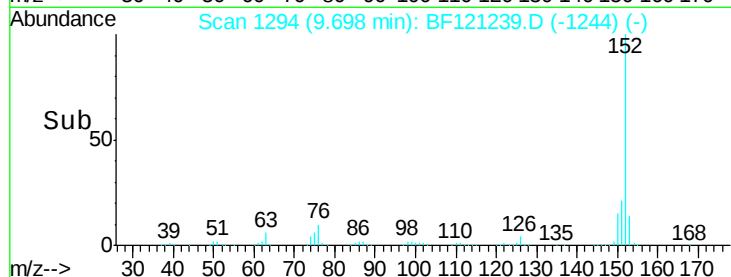
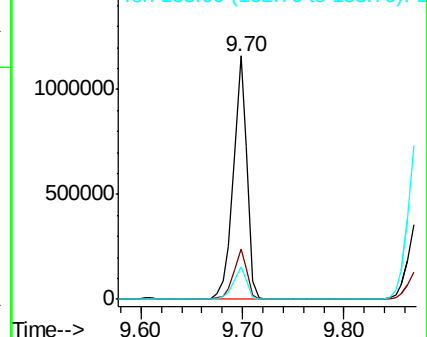
152 100

151 20.8 16.6 25.0

153 13.5 11.0 16.4



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: 38.116 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

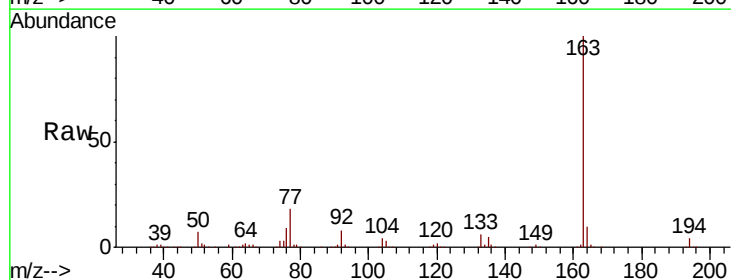
Tgt Ion:163 Resp: 812559

Ion Ratio Lower Upper

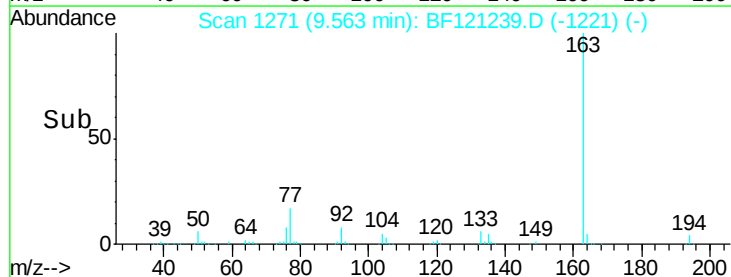
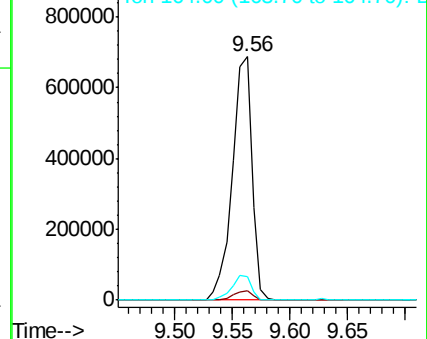
163 100

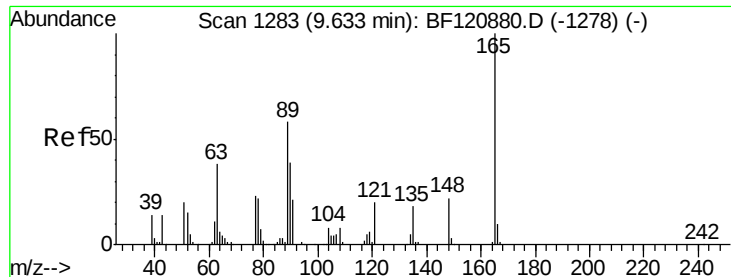
194 3.9 3.0 4.4

164 9.9 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: 39.287 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

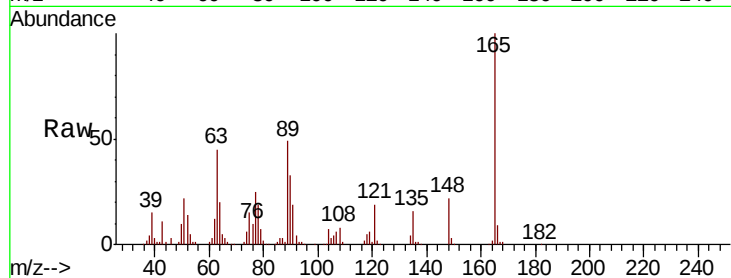
Tot Ion:165 Resp: 179933

Ion Ratio Lower Upper

165 100

63 45.1 41.1 61.7

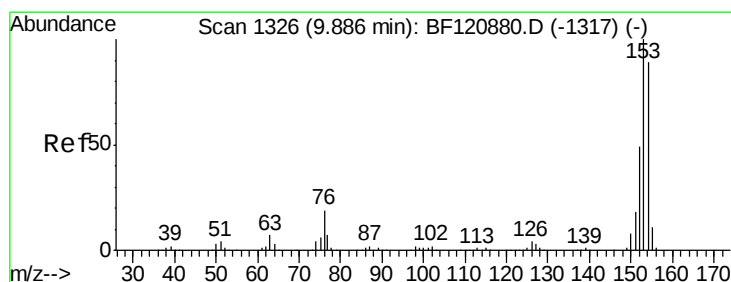
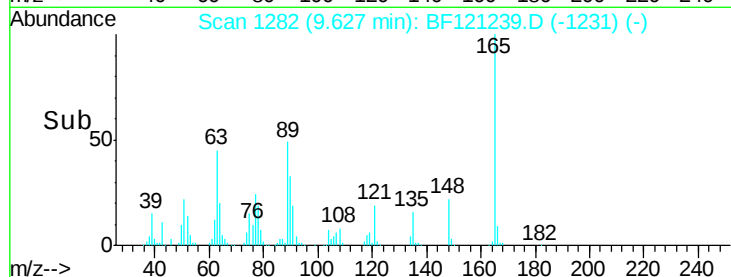
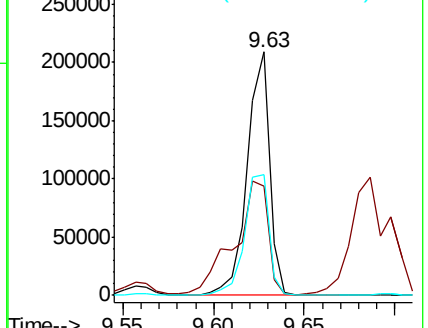
89 49.5 43.5 65.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 34.820 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

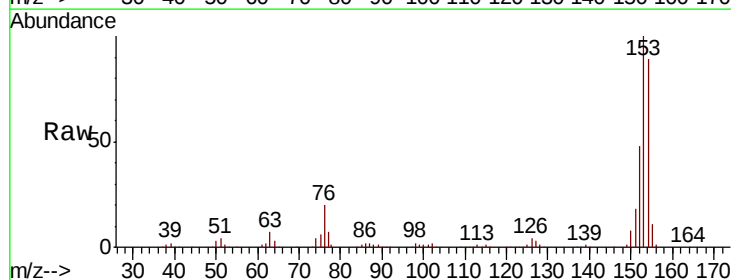
Tgt Ion:154 Resp: 632012

Ion Ratio Lower Upper

154 100

153 112.7 89.6 134.4

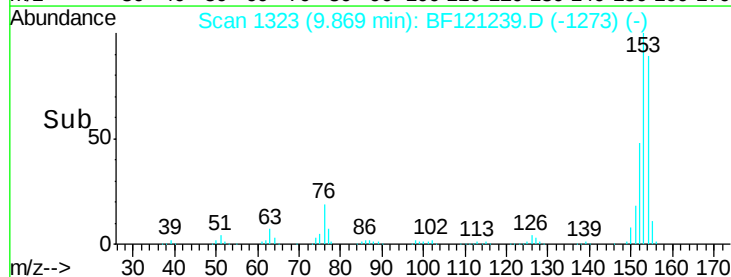
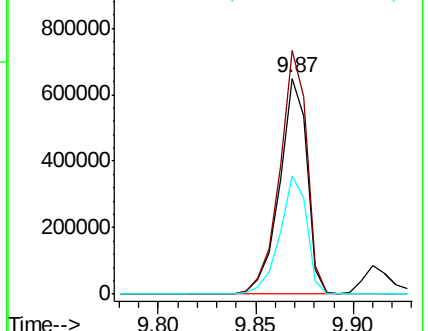
152 54.6 43.8 65.6

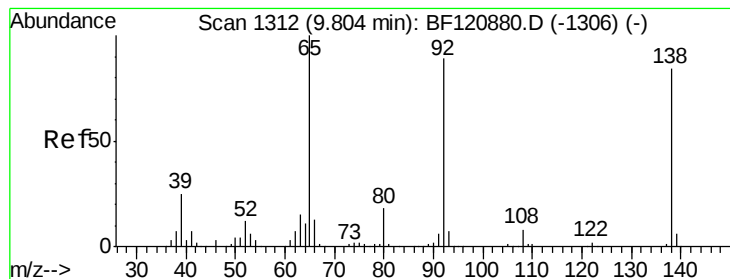


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.057 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

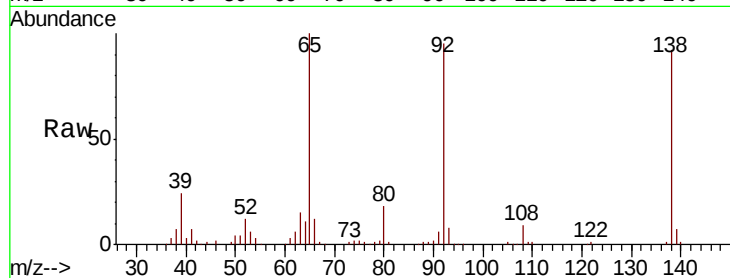
Tot Ion:138 Resp: 132442

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.8

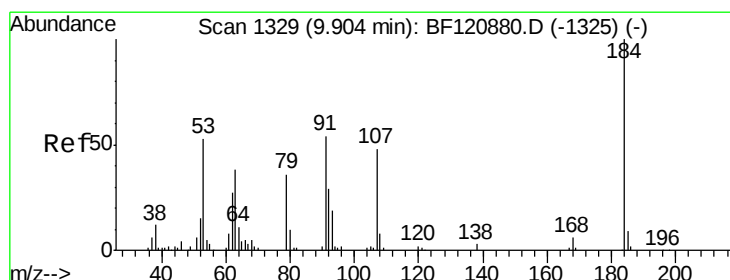
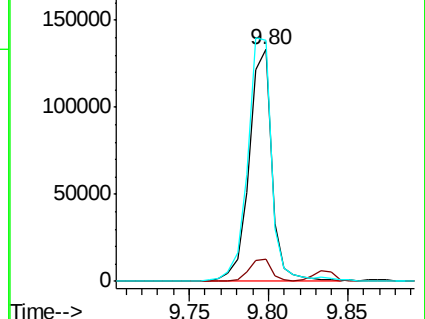
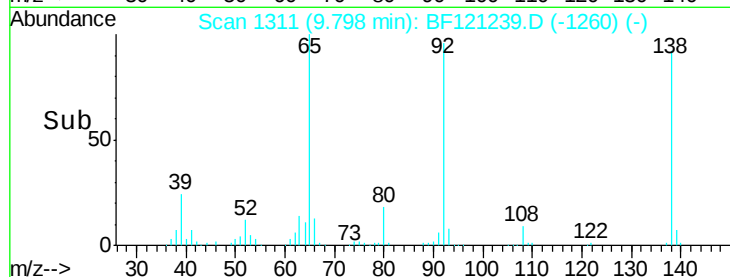
92 103.7 85.0 127.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 61.219 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

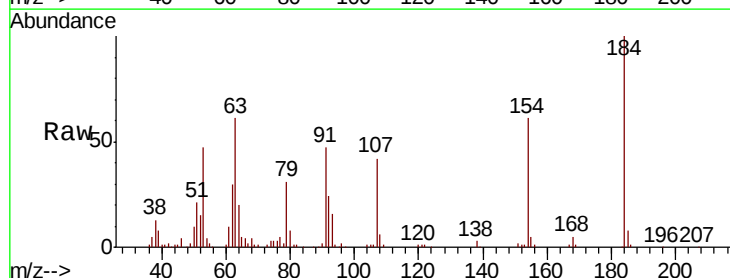
Tgt Ion:184 Resp: 156764

Ion Ratio Lower Upper

184 100

63 60.9 42.5 63.7

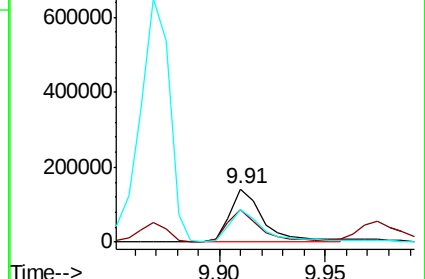
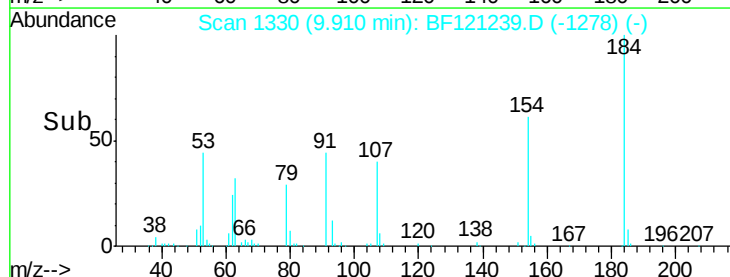
154 61.4 46.8 70.2

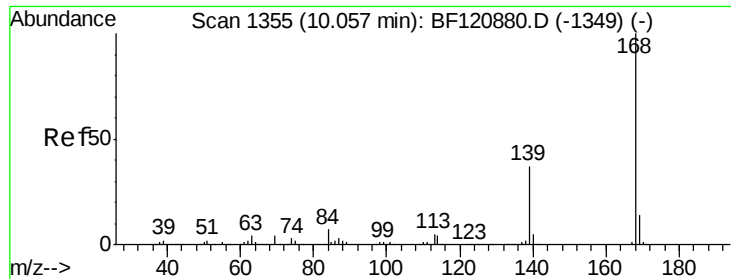


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

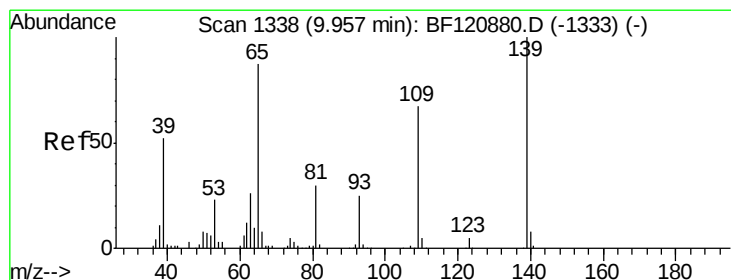
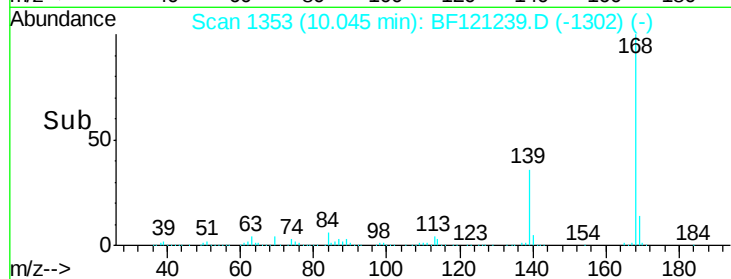
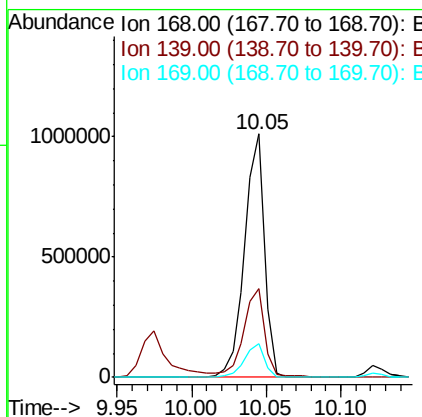
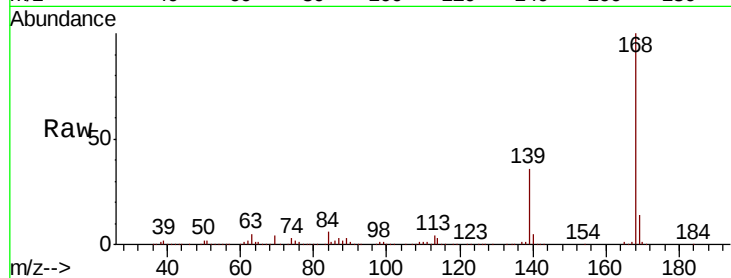




#55
Dibenzofuran
Concen: 35.794 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

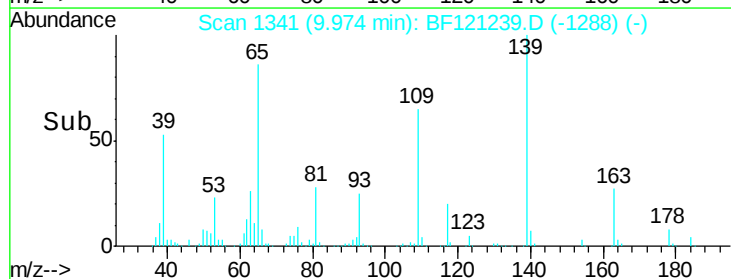
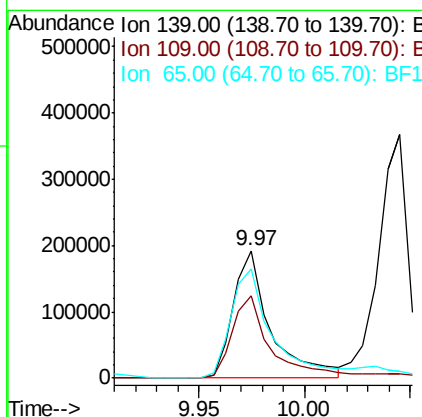
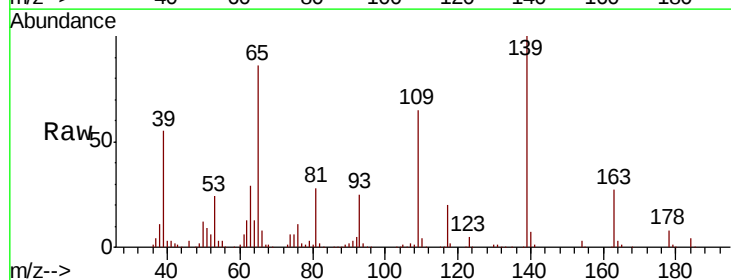
Instrument :
BNA_F
ClientSampleId :
PB130878BS

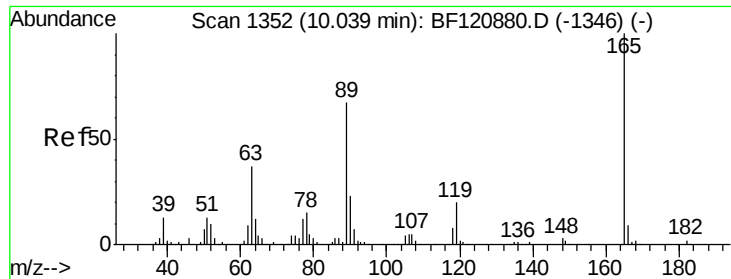
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.1	45.1
169	13.7	11.3	16.9



#56
4-Nitrophenol
Concen: 53.626 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.8	44.8	84.8
65	86.0	65.6	105.6

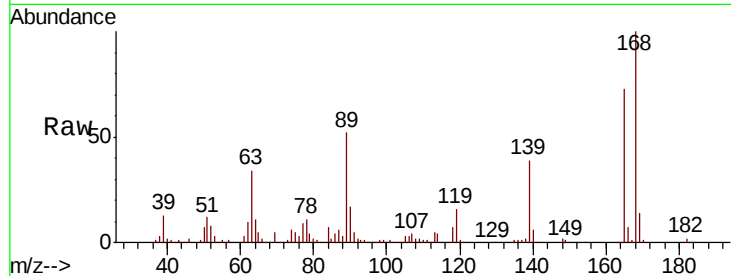




#57
2,4-Dinitrotoluene
Concen: 37.821 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Instrument :
BNA_F
ClientSampleId :
PB130878BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.1	29.8	44.8#
89	70.6	50.3	75.5
182	2.3	2.1	3.1



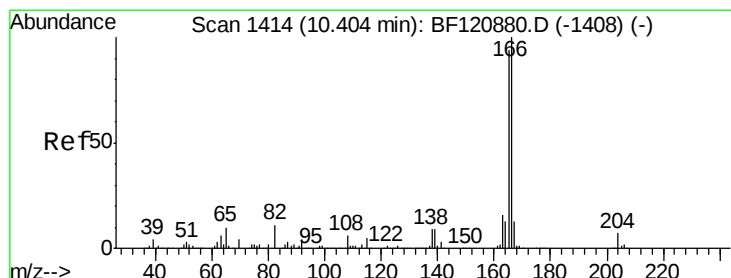
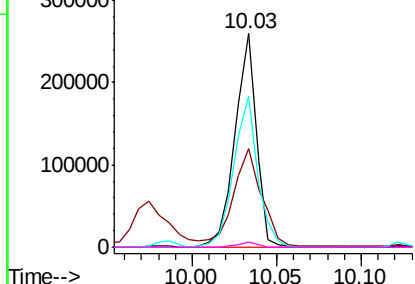
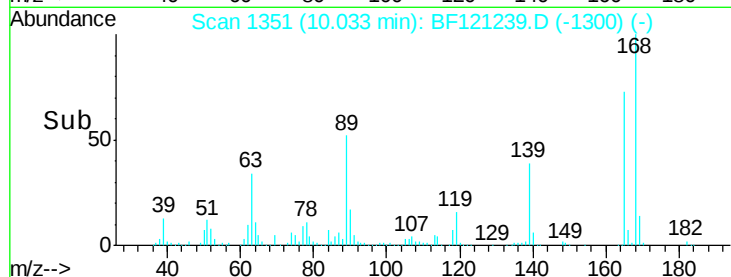
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

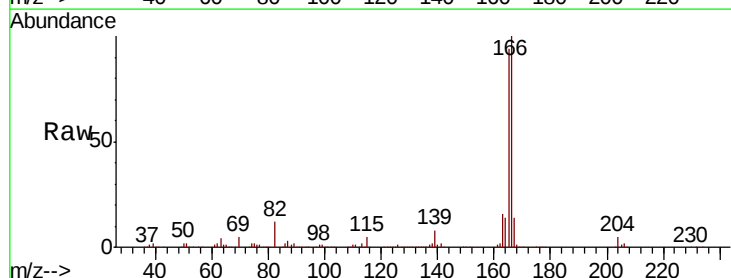
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.963 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	76.4	114.6
167	13.6	10.7	16.1

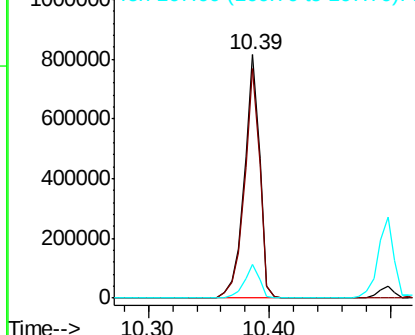
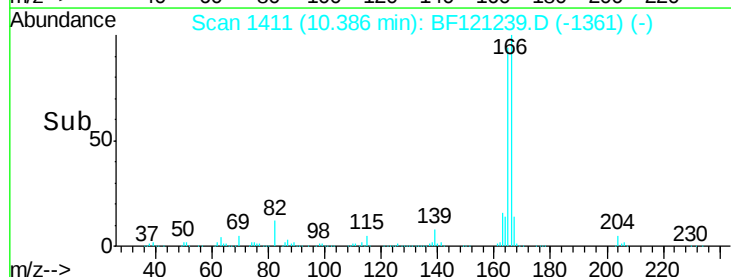


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

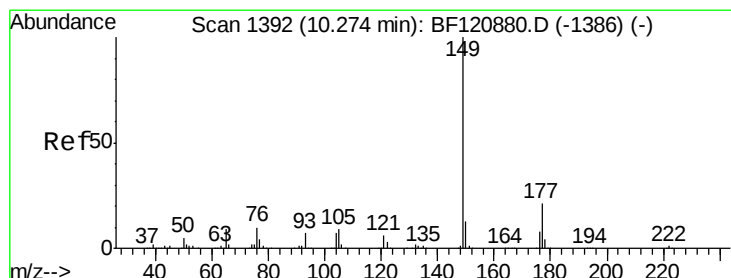
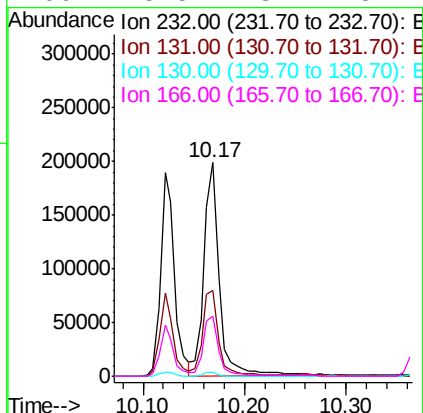
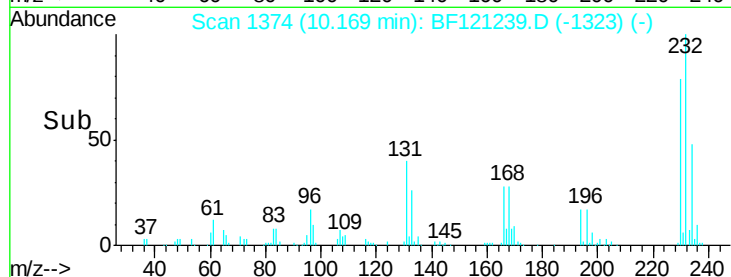
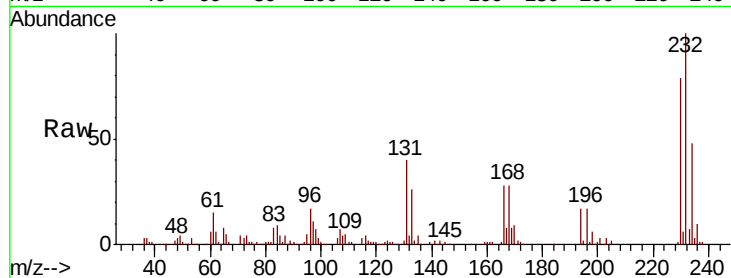




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.699 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

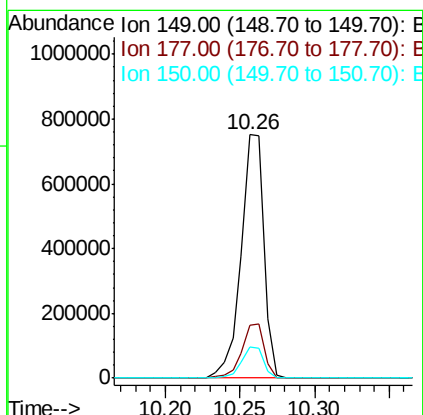
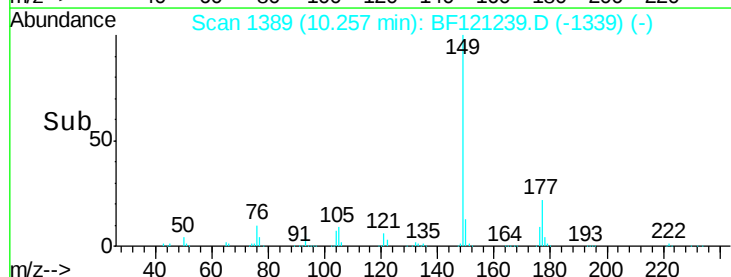
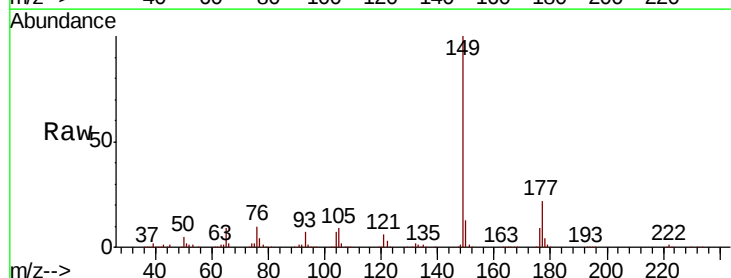
Instrument :
BNA_F
ClientSampleId :
PB130878BS

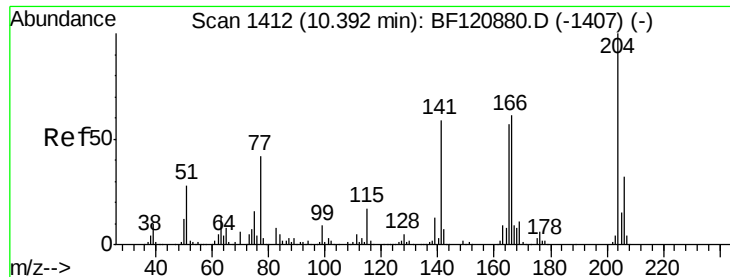
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.2	51.2
130	2.0	1.7	2.5
166	28.5	23.1	34.7



#60
Diethylphthalate
Concen: 37.067 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.6	26.4
150	12.9	10.2	15.4

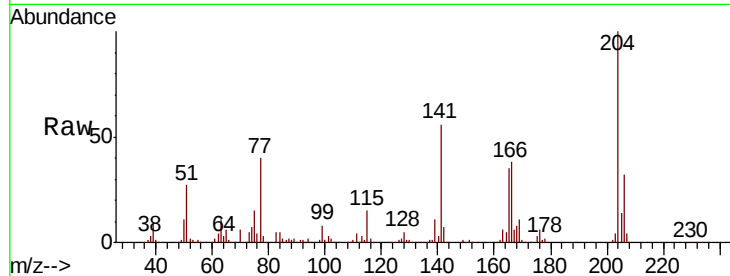




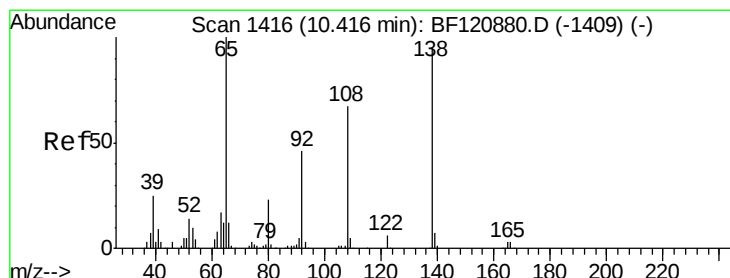
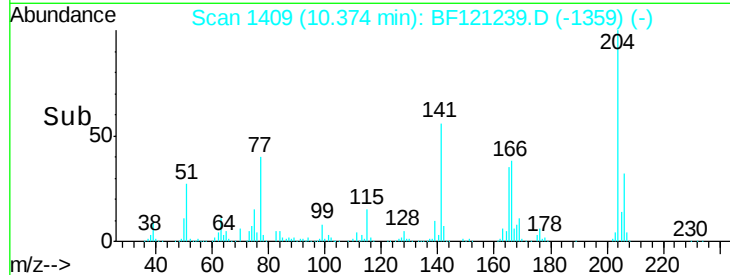
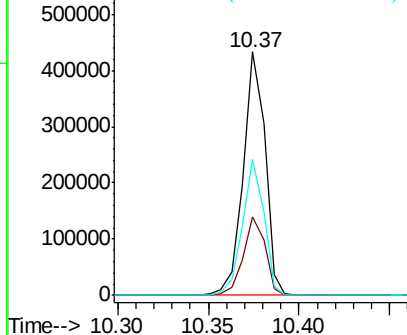
#61
4-Chlorophenyl-phenylether
Concen: 34.800 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Instrument :
BNA_F
ClientSampleId :
PB130878BS

Tot Ion:204 Resp: 363360
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 56.1 46.9 70.3

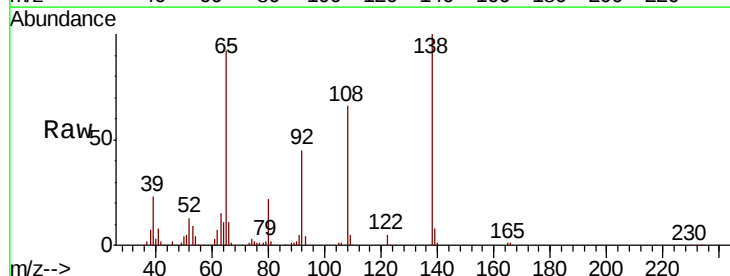


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

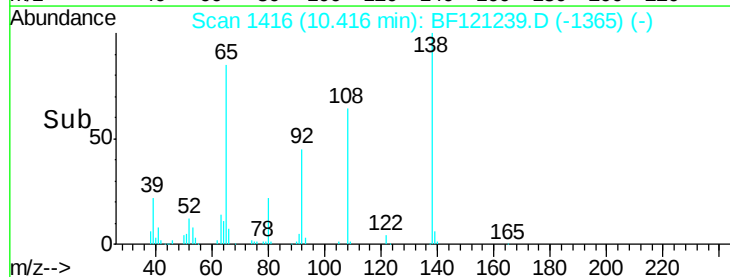
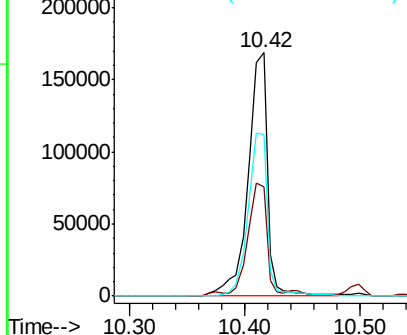


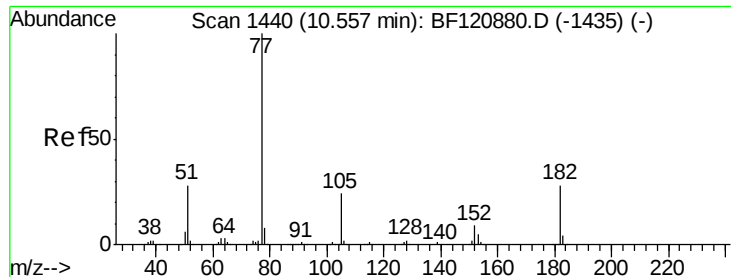
#62
4-Nitroaniline
Concen: 35.359 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:138 Resp: 197845
Ion Ratio Lower Upper
138 100
92 45.1 25.2 65.2
108 66.3 46.7 86.7



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

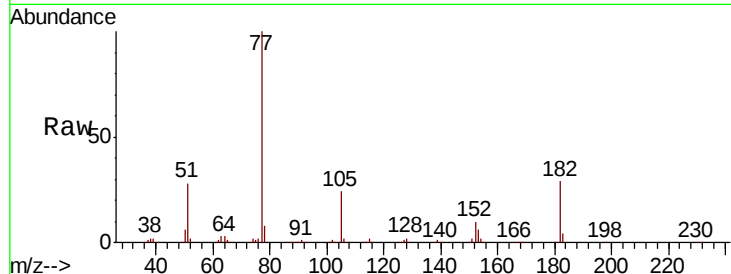




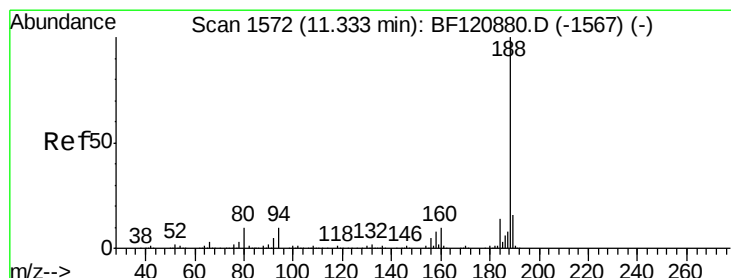
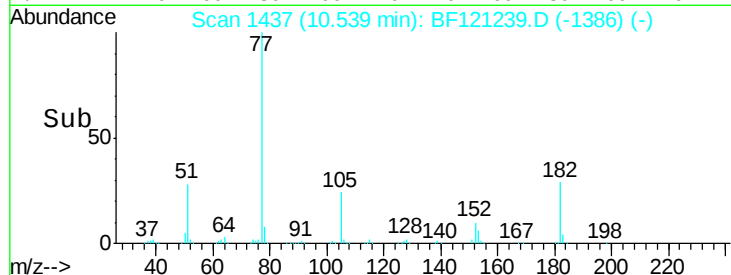
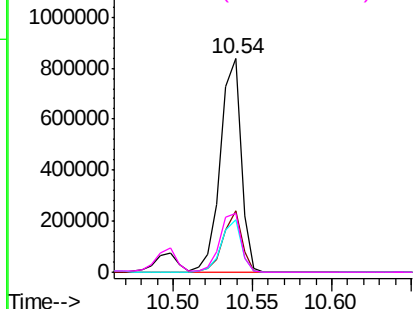
#63
Azobenzene
Concen: 36.982 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Instrument :
BNA_F
ClientSampleId :
PB130878BS

Tot Ion:	77	Resp:	759163
Ion	Ratio	Lower	Upper
77	100		
182	28.7	4.5	44.5
105	24.4	3.4	43.4
51	27.7	8.7	48.7

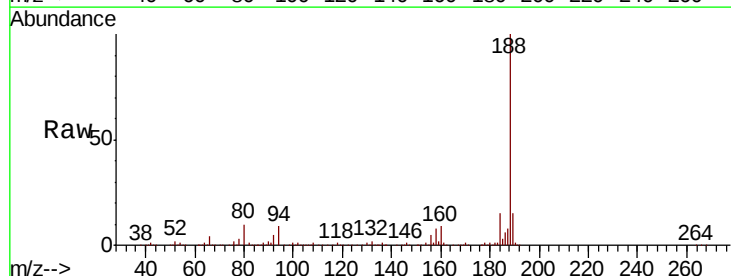


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

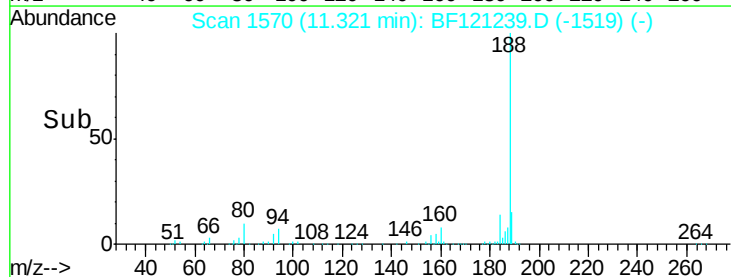
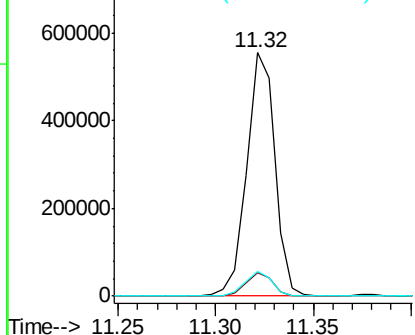


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:	188	Resp:	556019
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.1	8.3	12.5



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

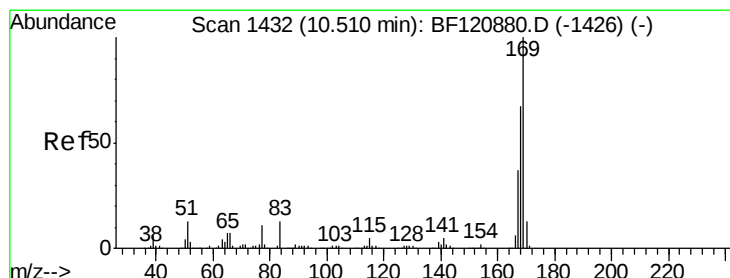
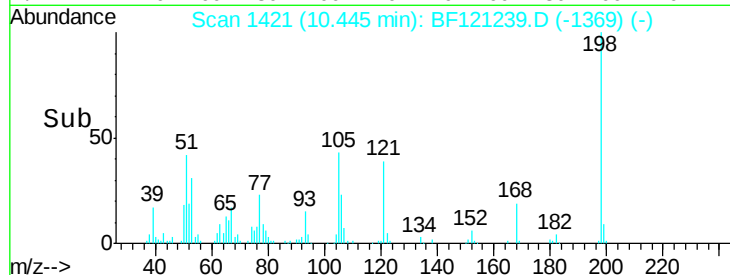
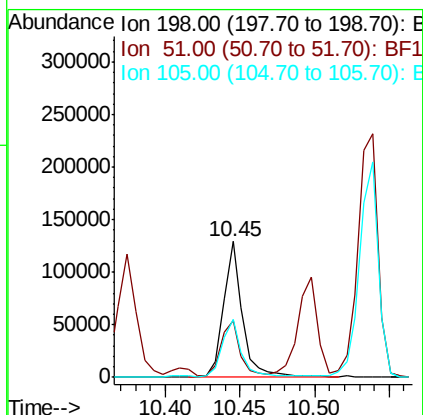
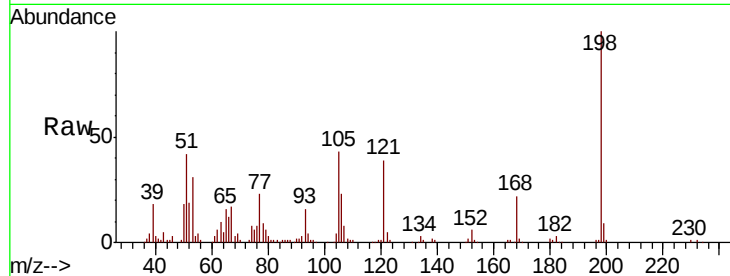




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.455 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

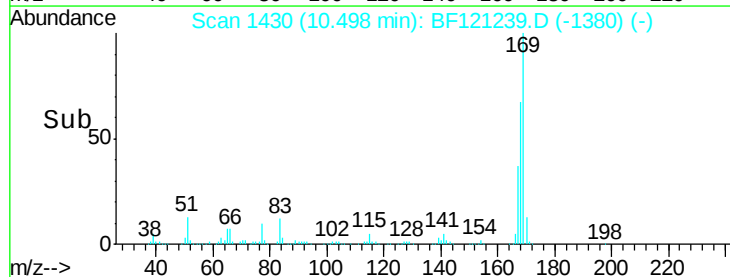
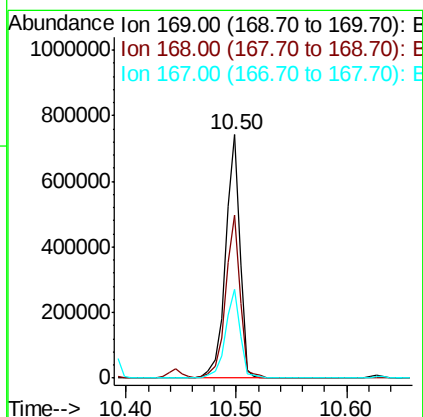
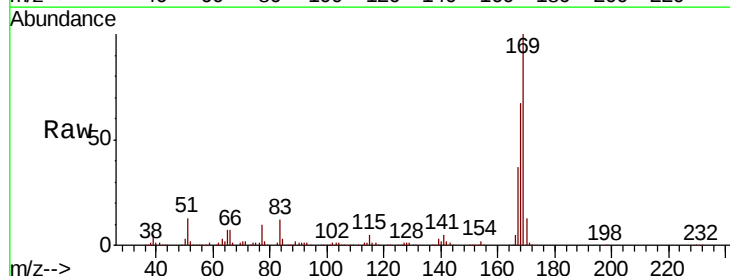
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

Tot Ion:198 Resp: 117577
 Ion Ratio Lower Upper
 198 100
 51 41.8 23.4 63.4
 105 42.9 23.7 63.7



#66
 n-Nitrosodiphenylamine
 Concen: 38.683 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion:169 Resp: 676613
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.7 80.5
 167 36.7 30.0 45.0

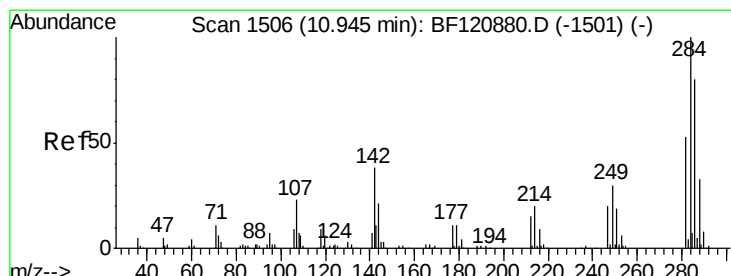
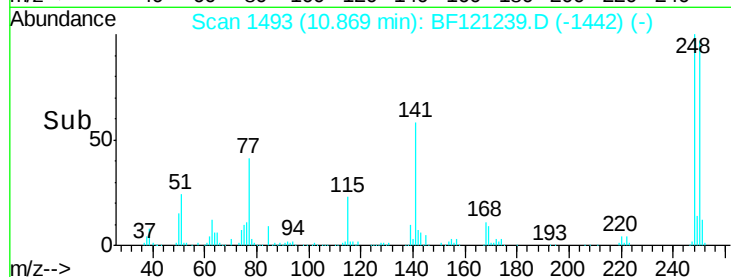
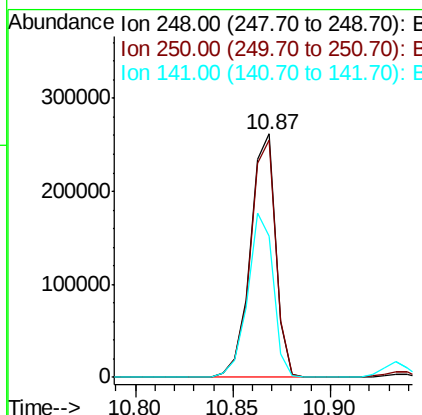
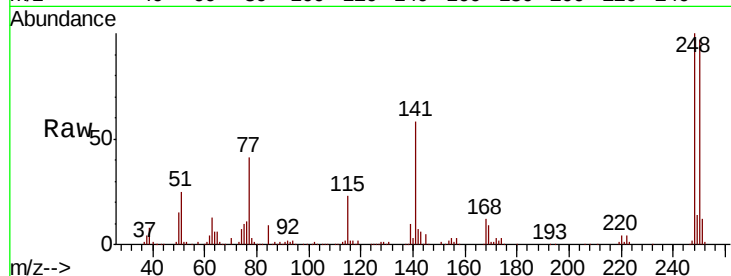




#67
 4-Bromophenyl-phenylether
 Concen: 38.038 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

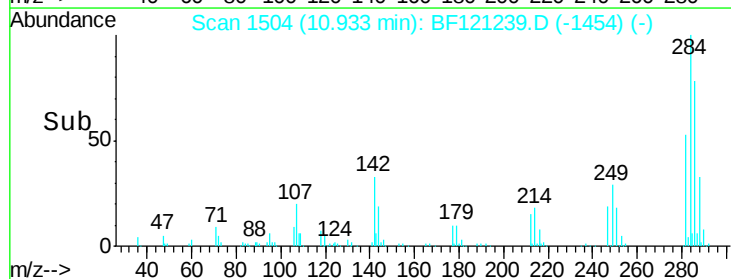
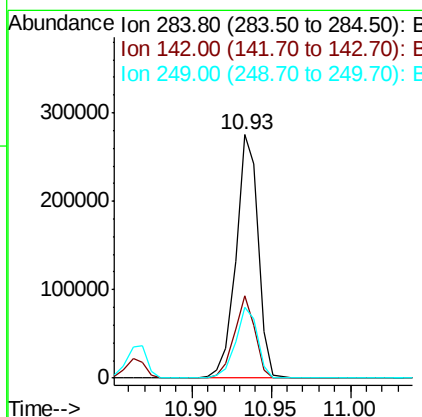
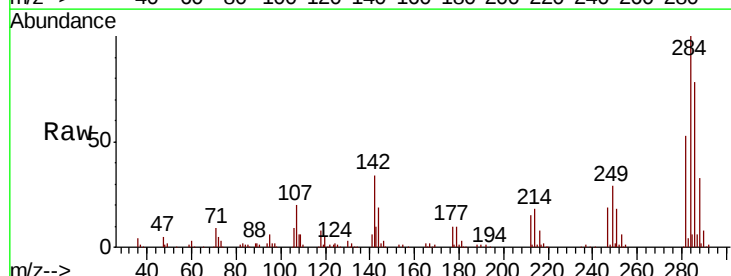
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

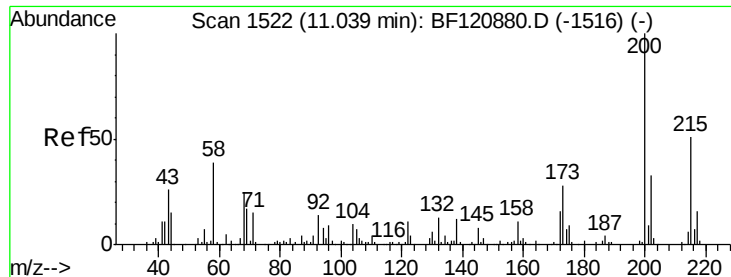
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.0	115.6
141	57.9	56.6	85.0



#68
 Hexachlorobenzene
 Concen: 39.622 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	21.1	31.7#
249	29.1	22.5	33.7

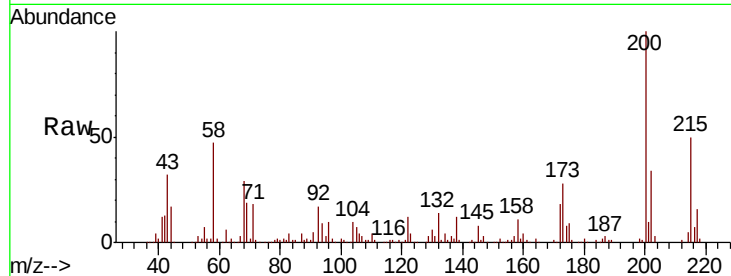




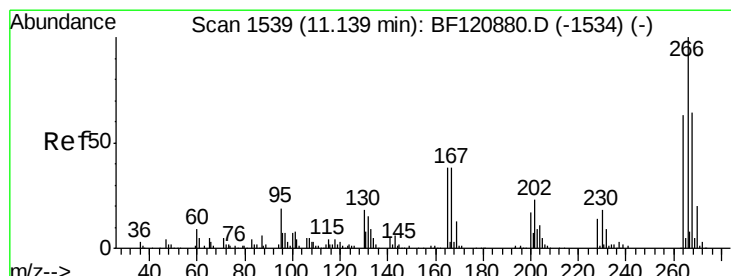
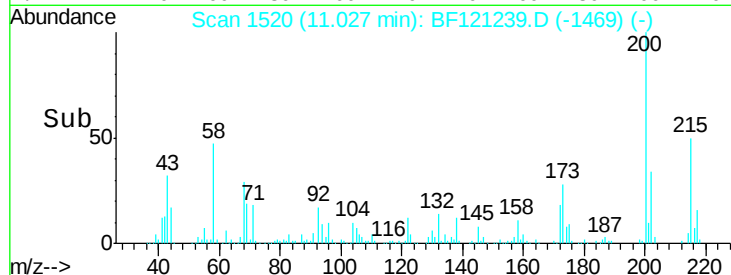
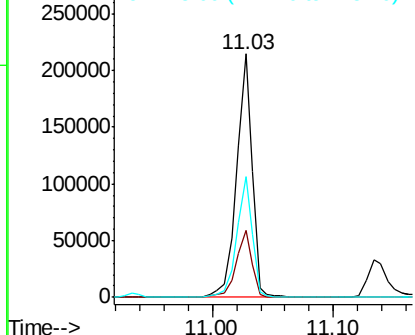
#69
 Atrazine
 Concen: 44.770 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.6	47.6
215	49.8	28.8	68.8

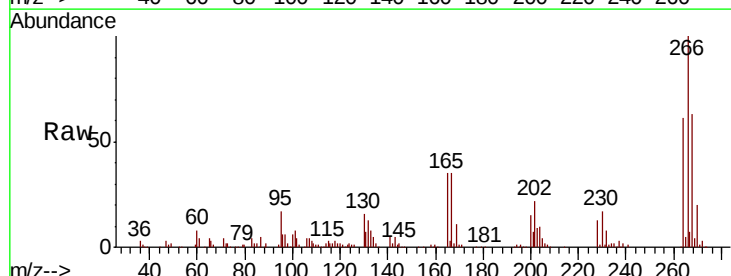


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

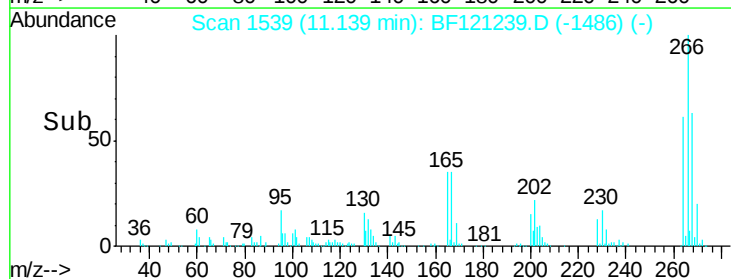
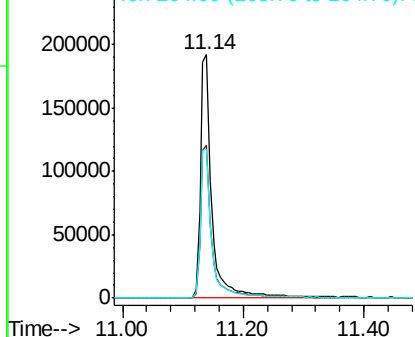


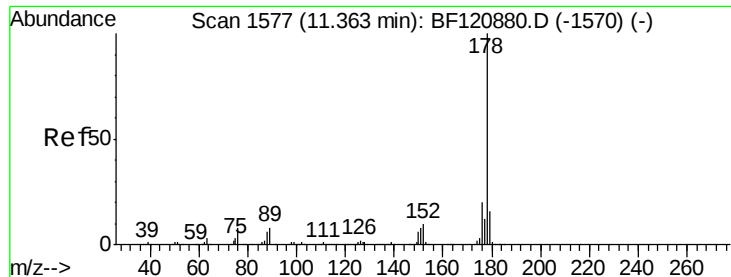
#70
 Pentachlorophenol
 Concen: 67.001 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	49.7	74.5
264	61.0	50.4	75.6



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

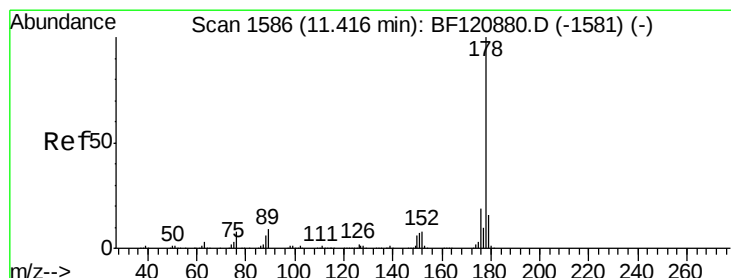
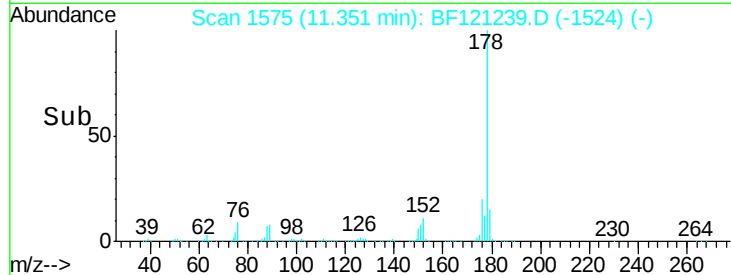
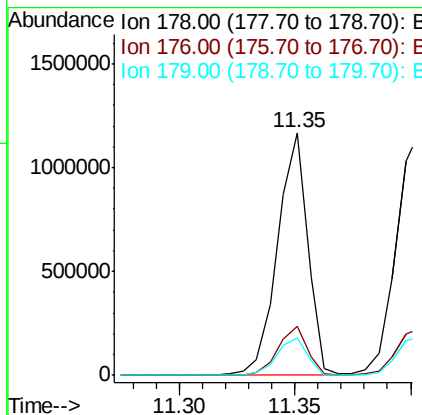
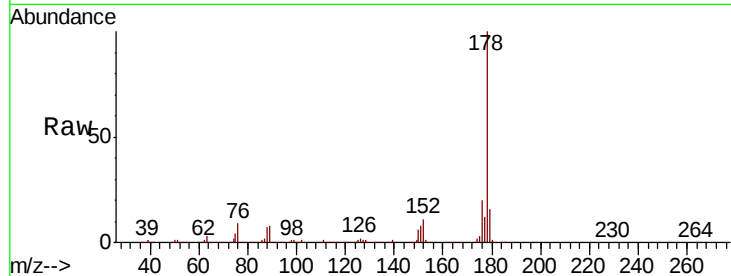




#71
Phenanthrene
Concen: 36.831 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

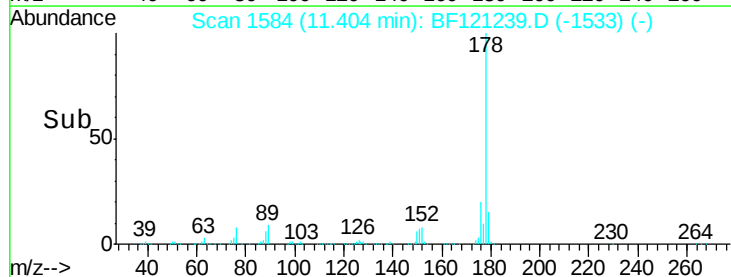
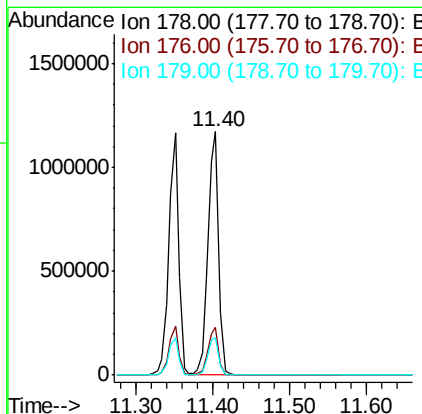
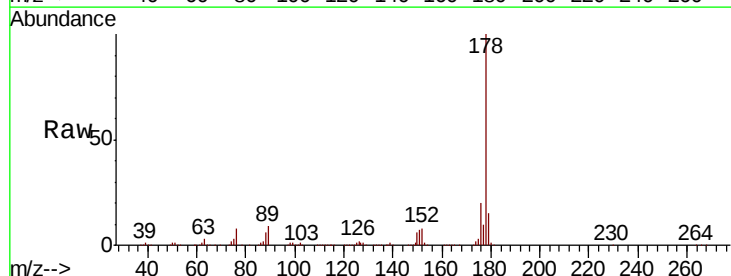
Instrument :
BNA_F
ClientSampleId :
PB130878BS

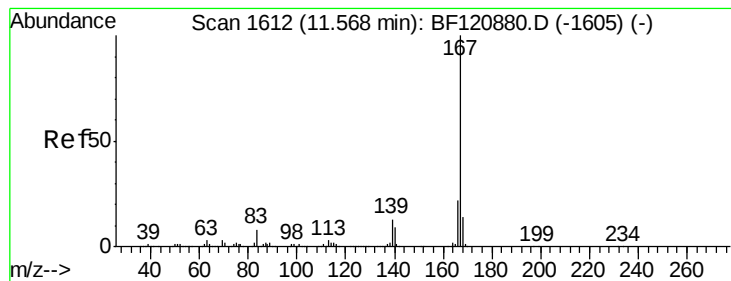
Tot Ion:178 Resp: 1053220
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.6 12.6 19.0



#72
Anthracene
Concen: 38.899 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:178 Resp: 1116968
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.4 12.6 19.0





#73

Carbazole

Concen: 36.073 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

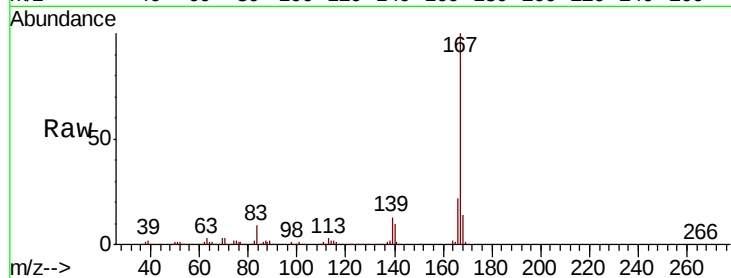
Tot Ion:167 Resp: 1027956

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

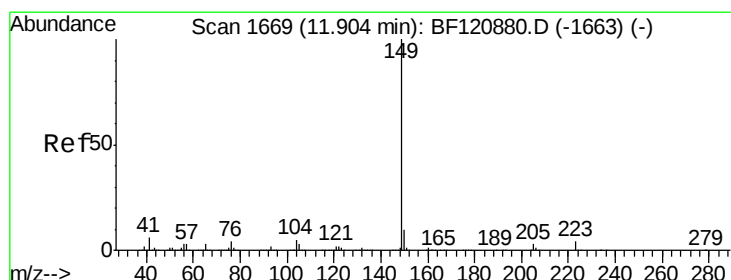
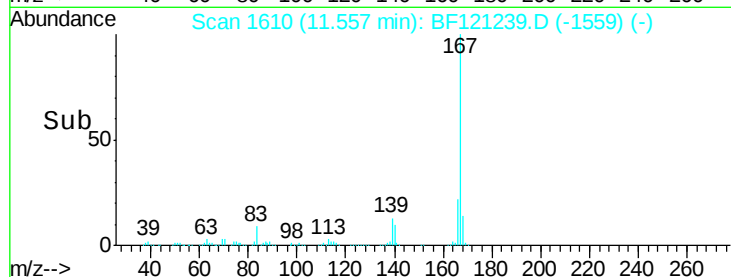
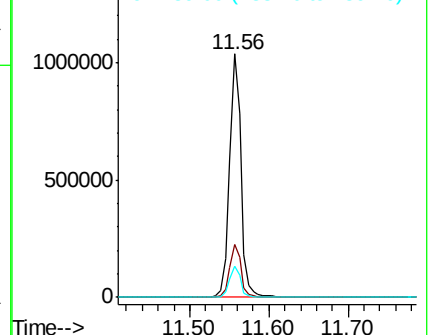
139 12.7 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 37.911 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

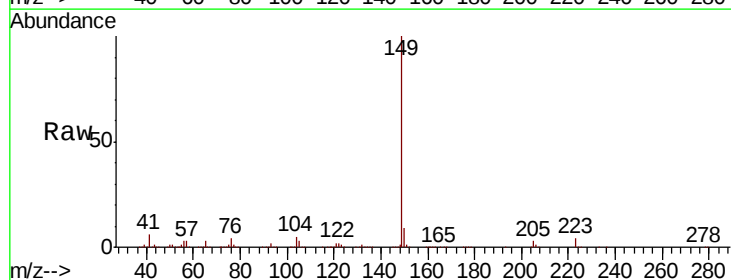
Tgt Ion:149 Resp: 1246703

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

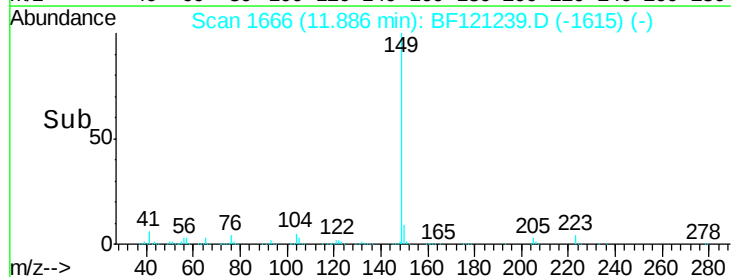
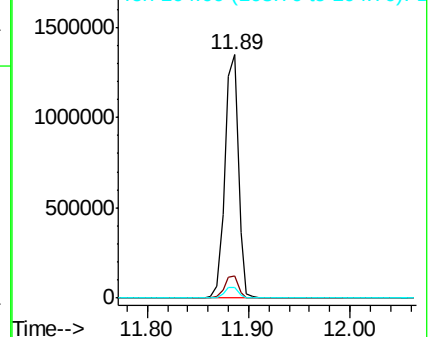
104 4.5 3.9 5.9



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

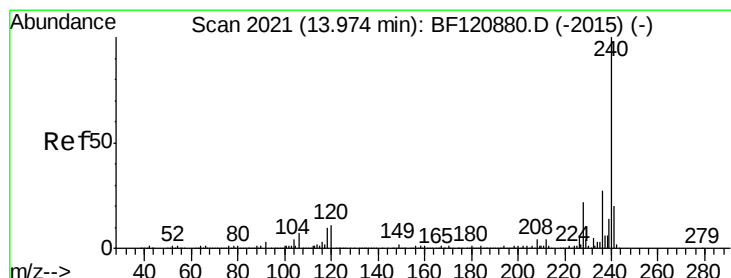
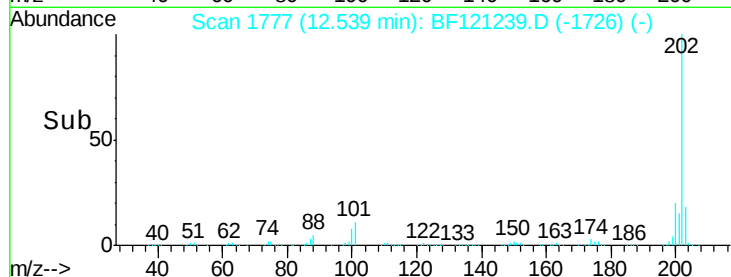
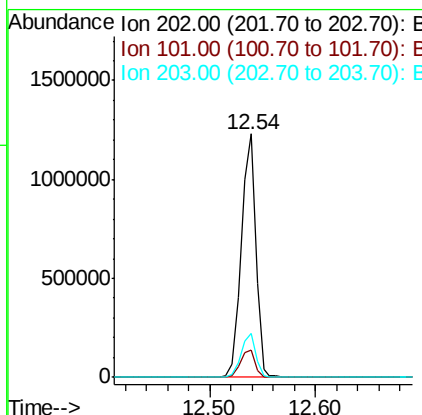
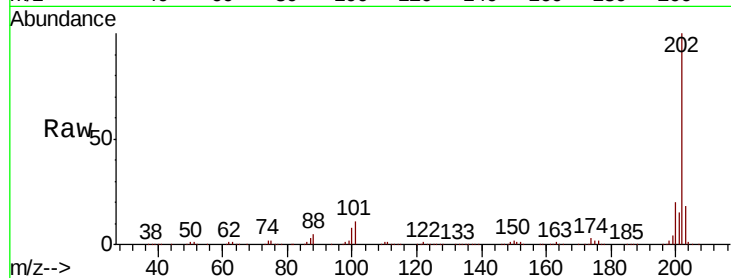




#75
Fluoranthene
Concen: 36.301 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

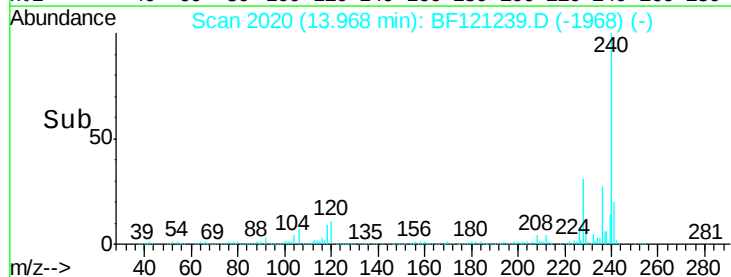
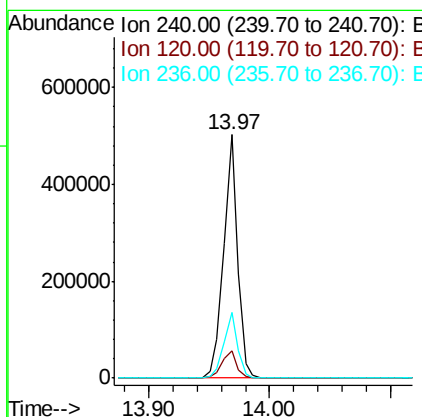
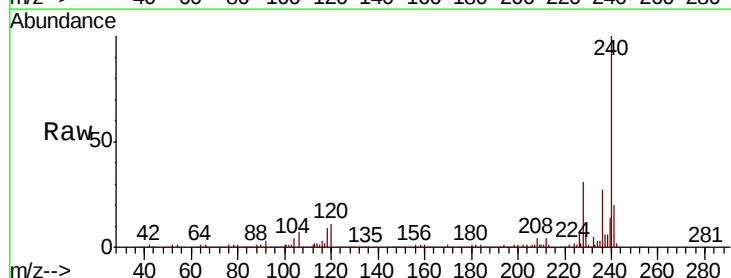
Instrument :
BNA_F
ClientSampleId :
PB130878BS

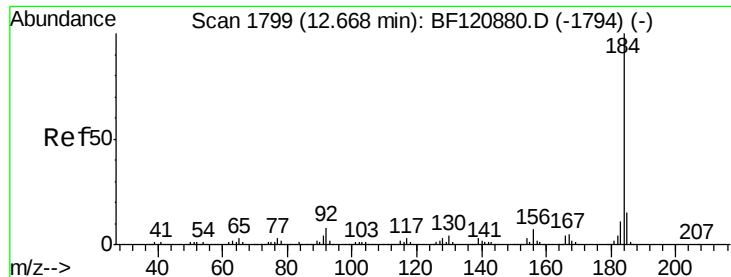
Tot Ion:202 Resp: 1150635
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.5
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:240 Resp: 400514
Ion Ratio Lower Upper
240 100
120 11.0 9.3 13.9
236 26.7 21.1 31.7





#77

Benzidine

Concen: 53.848 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

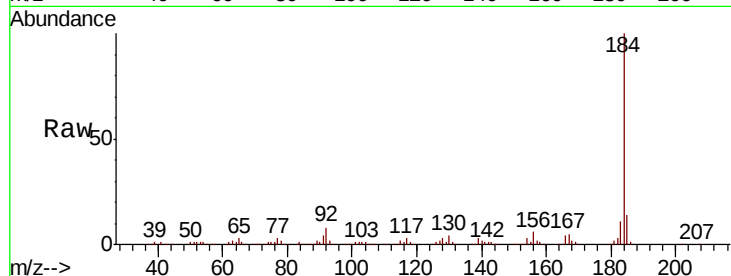
Tot Ion:184 Resp: 567035

Ion Ratio Lower Upper

184 100

185 14.2 12.1 18.1

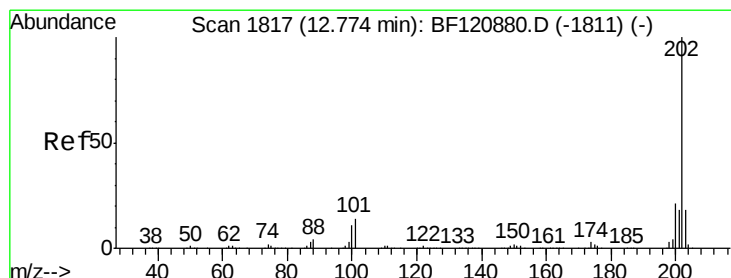
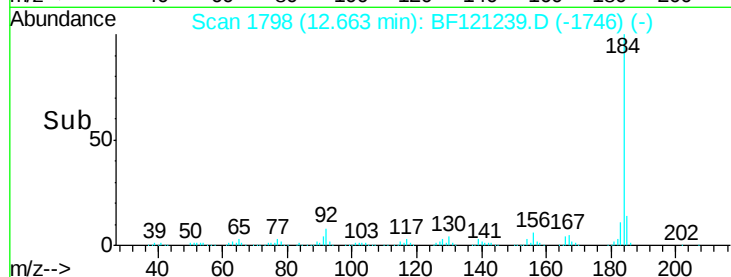
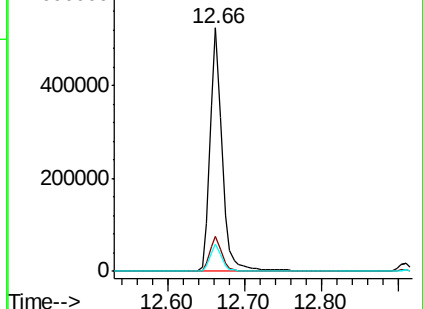
183 11.2 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.158 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

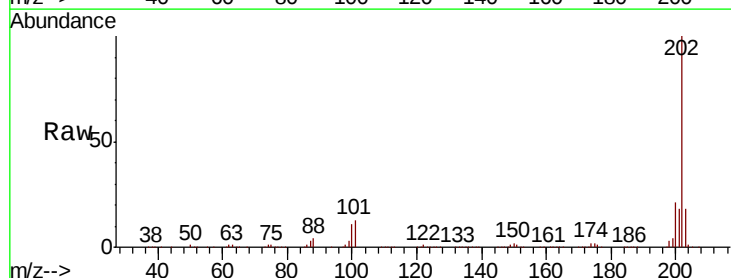
Tgt Ion:202 Resp: 1165451

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

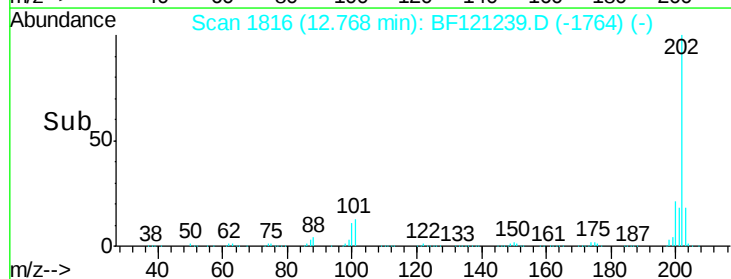
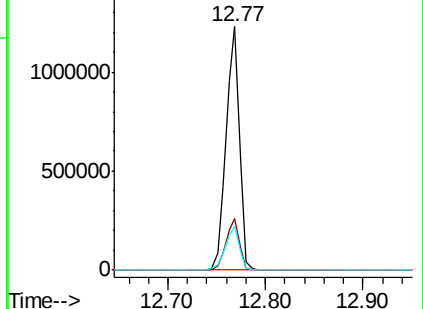
203 18.1 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.608 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

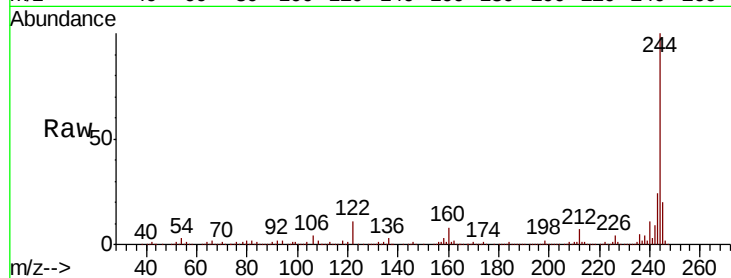
Tot Ion:244 Resp: 1264076

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

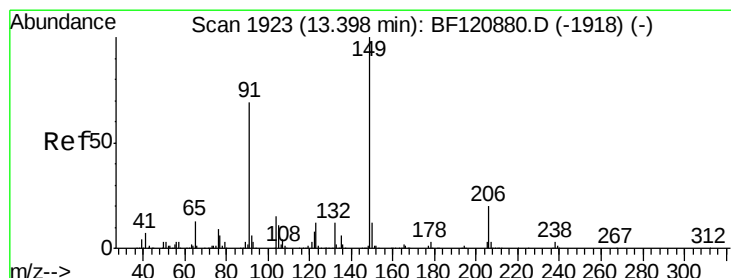
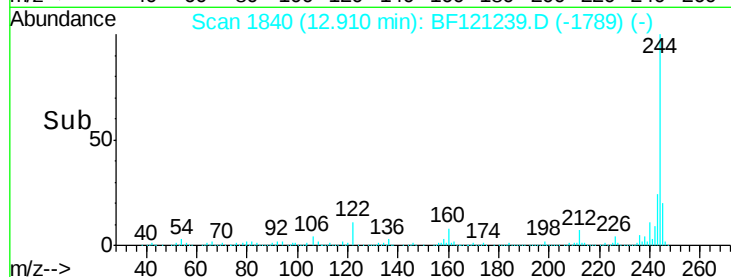
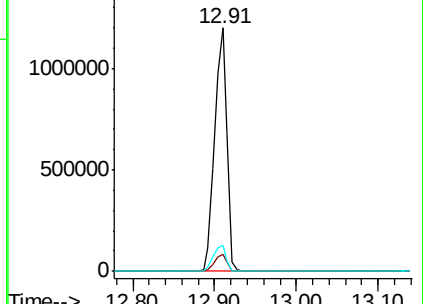
122 10.8 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.355 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

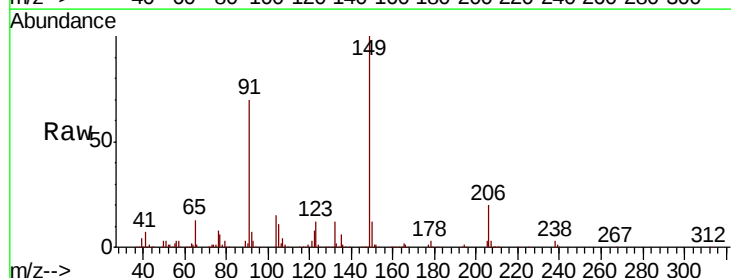
Tgt Ion:149 Resp: 522025

Ion Ratio Lower Upper

149 100

91 69.9 51.4 77.0

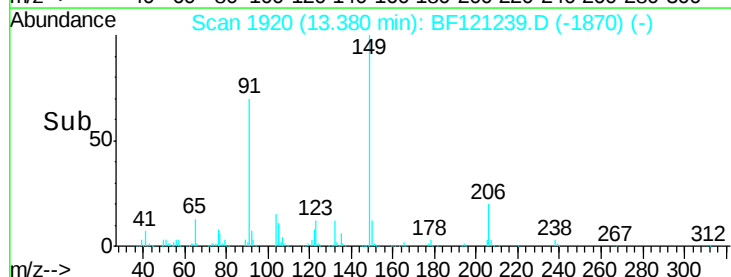
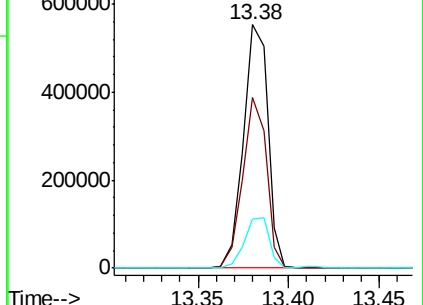
206 20.0 17.9 26.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.966 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

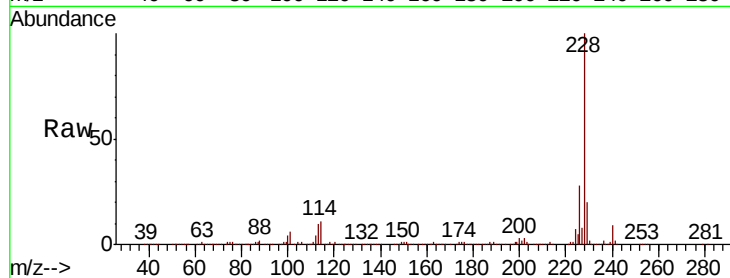
Tot Ion:228 Resp: 993550

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

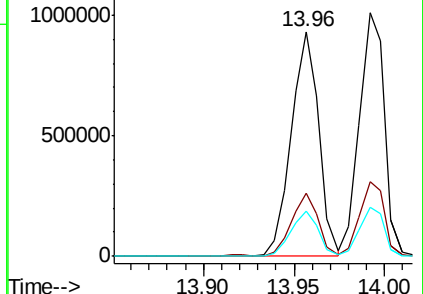
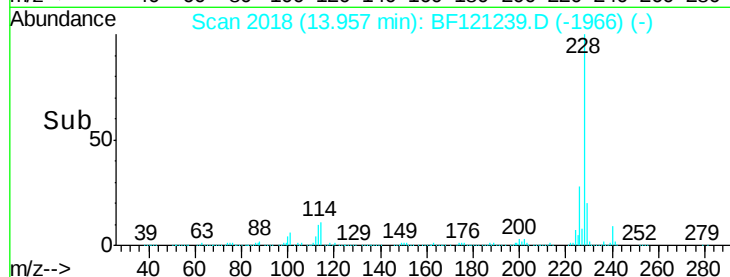
229 20.2 16.1 24.1



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: 34.439 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

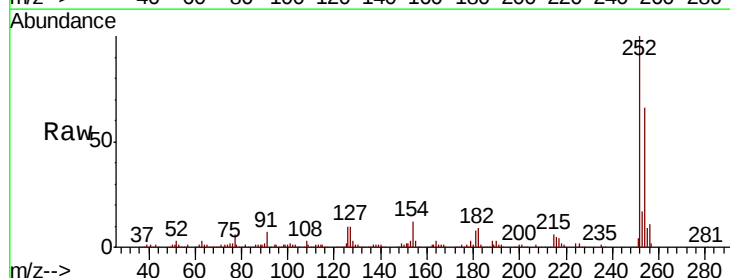
Tgt Ion:252 Resp: 315121

Ion Ratio Lower Upper

252 100

254 65.7 51.3 76.9

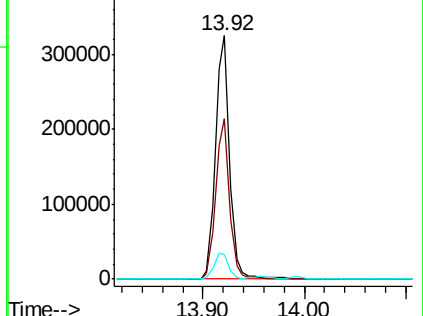
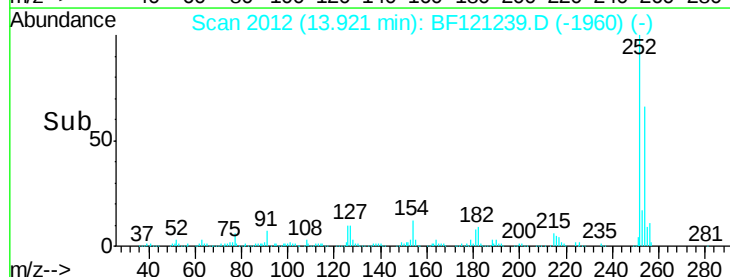
126 10.2 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

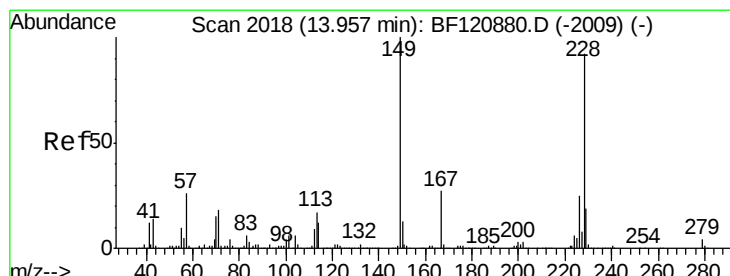
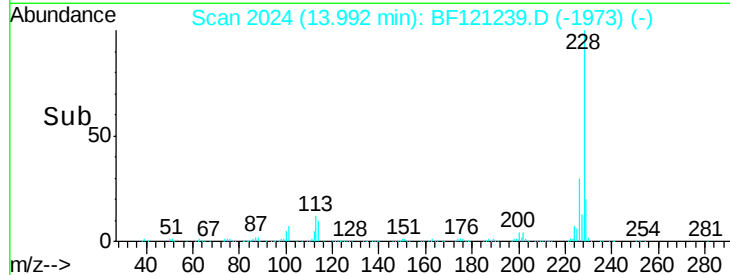
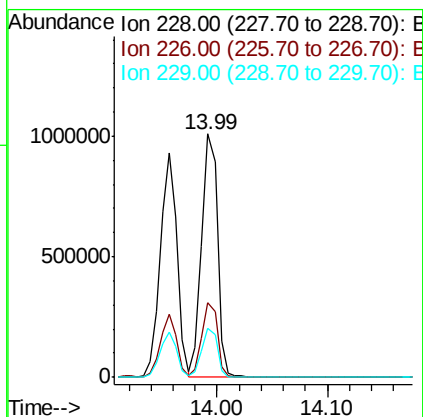
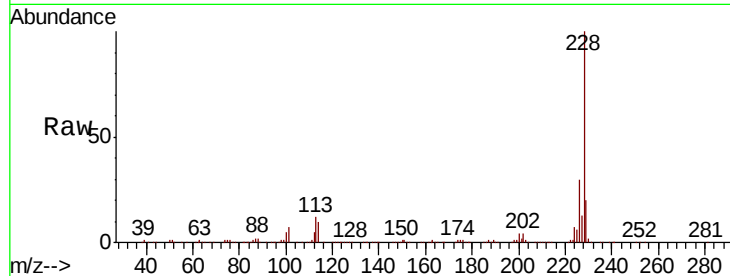




#83
 Chrvsene
 Concen: 38.305 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

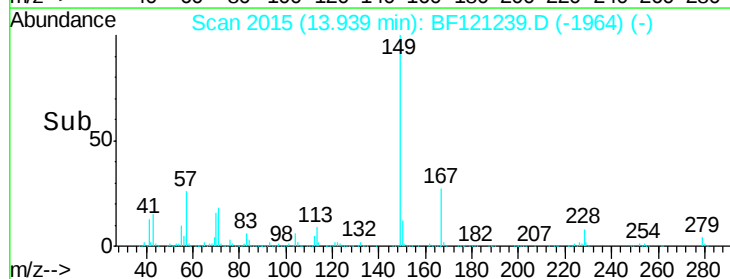
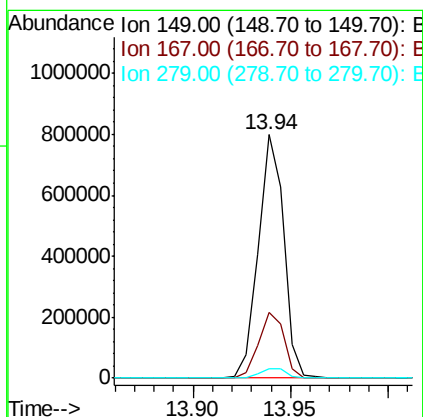
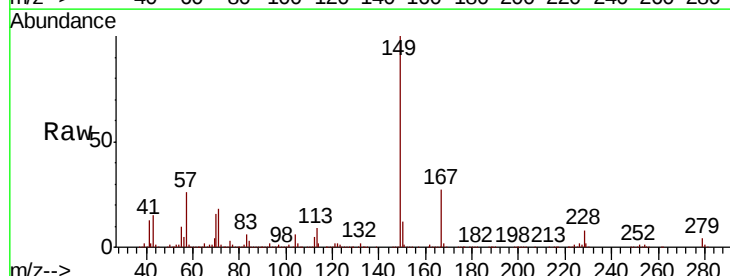
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

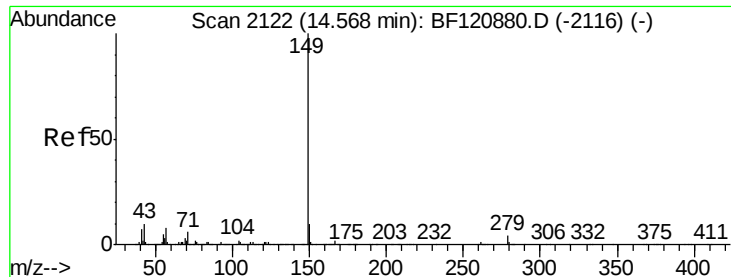
Tot Ion:228	Resp:	976291
Ion	Ratio	Lower Upper
228	100	
226	30.5	25.4 38.0
229	20.1	16.2 24.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.344 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion:149	Resp:	721385
Ion	Ratio	Lower Upper
149	100	
167	26.9	21.8 32.6
279	3.8	2.9 4.3





#85

Di-n-octyl phthalate

Concen: 39.277 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

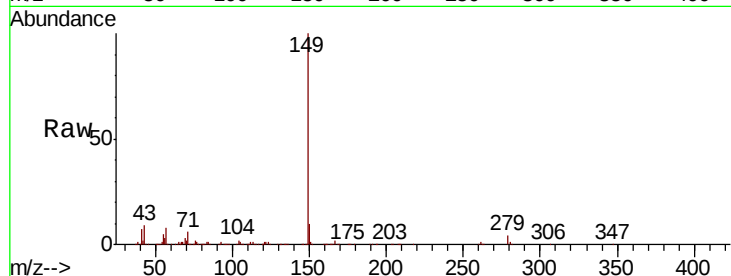
Tot Ion:149 Resp: 1216329

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

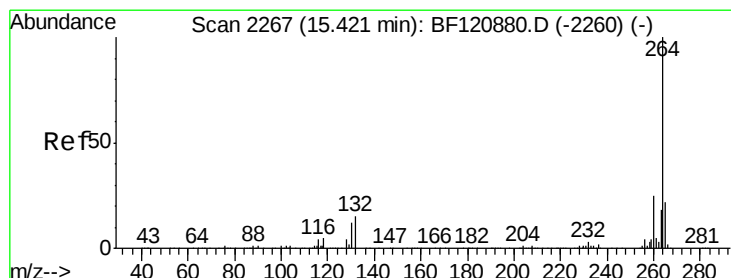
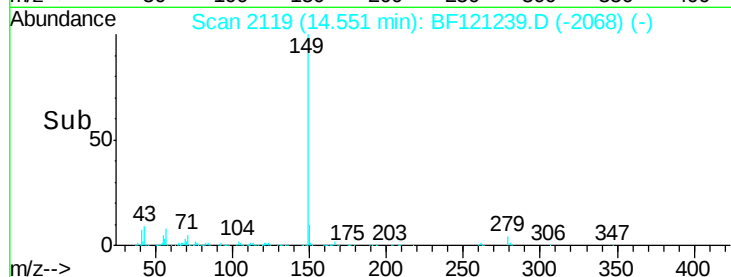
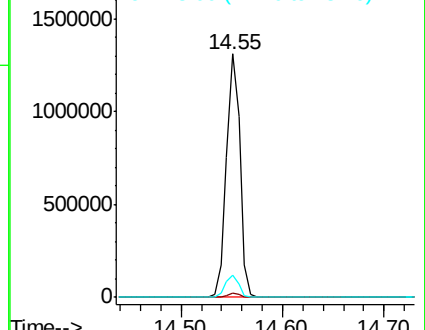
43 8.9 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

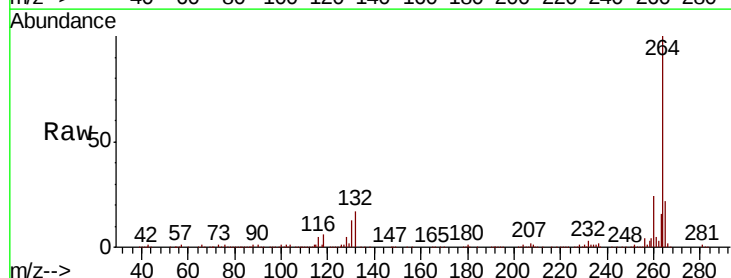
Tgt Ion:264 Resp: 386407

Ion Ratio Lower Upper

264 100

260 24.2 19.9 29.9

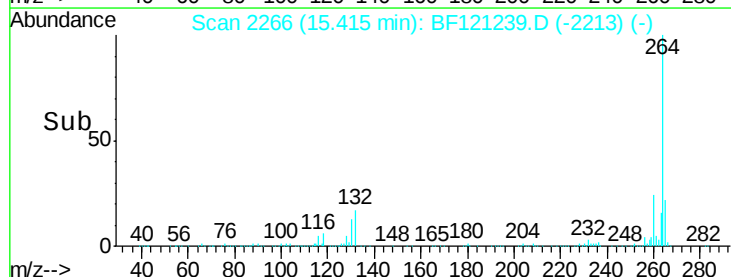
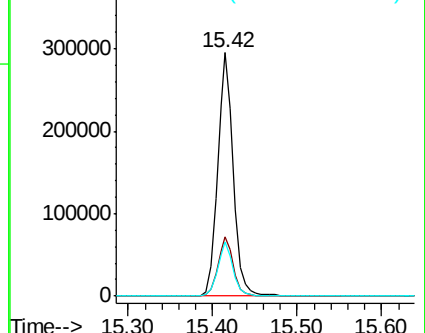
265 22.3 17.8 26.8

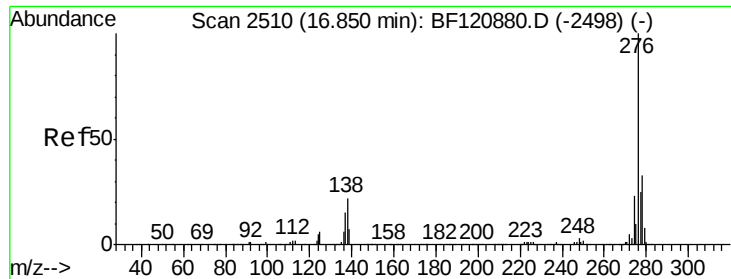


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

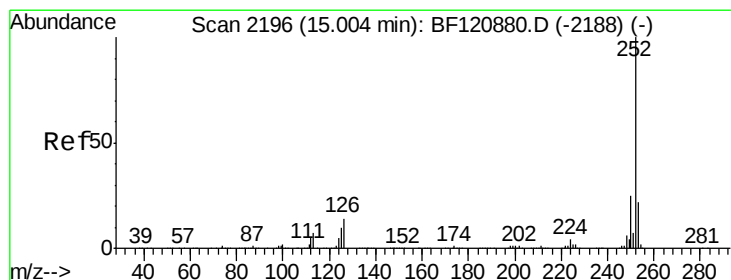
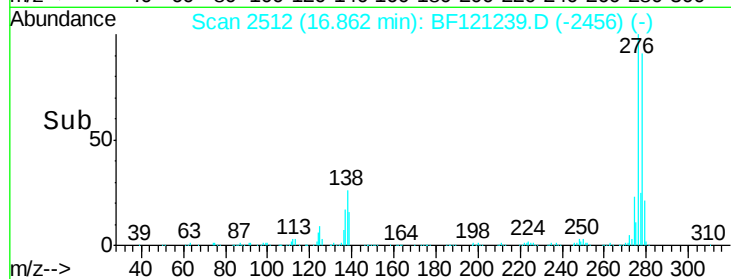
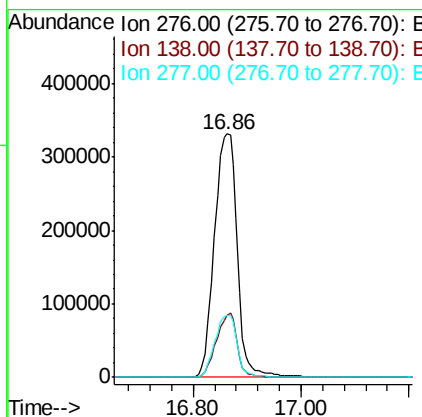
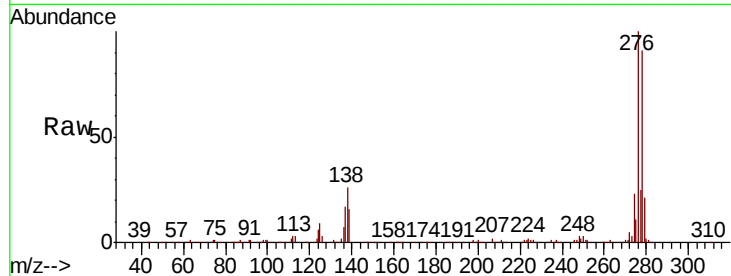




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.700 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.03 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

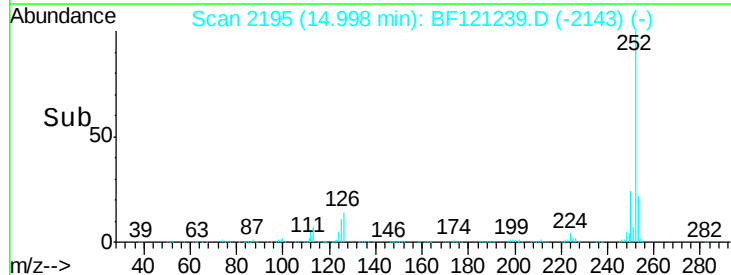
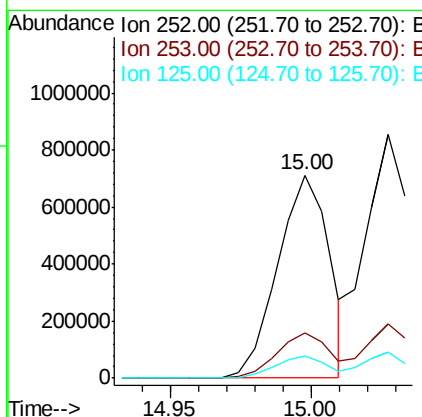
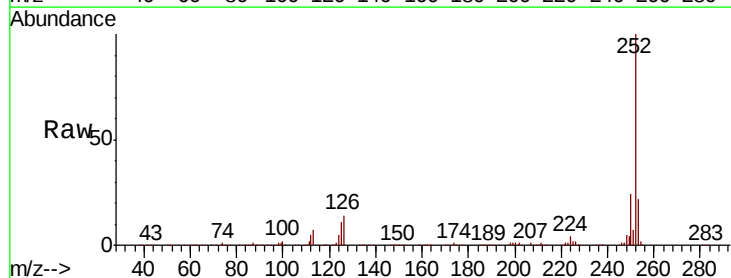
Instrument :
 BNA_F
 ClientSampleId :
 PB130878BS

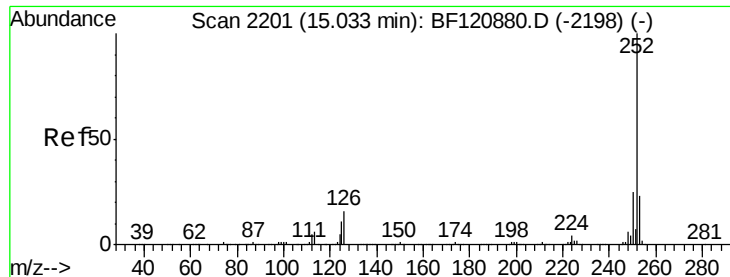
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.3	28.9
277	25.1	20.1	30.1



#88
 Benzo(b)fluoranthene
 Concen: 38.800 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121239.D
 Acq: 11 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.6	8.1	12.1

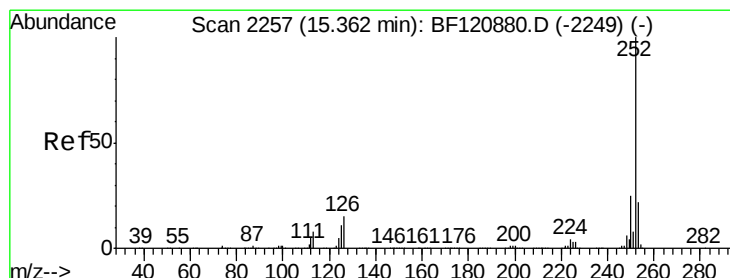
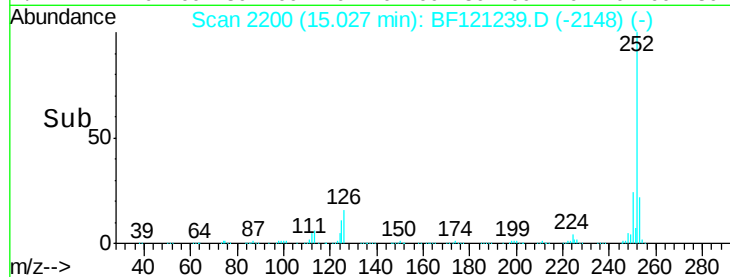
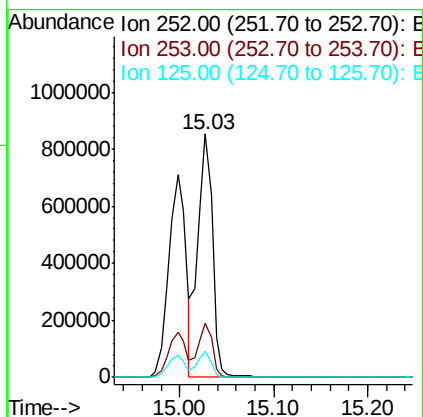
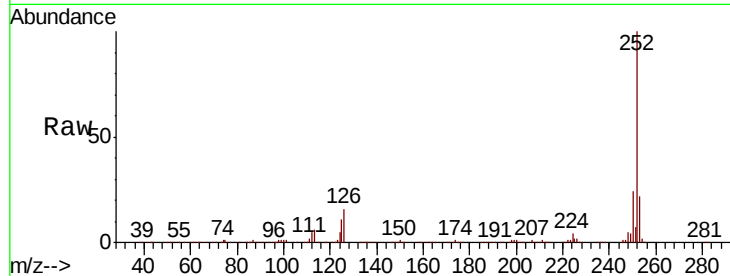




#89
Benzo(k)fluoranthene
Concen: 43.355 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

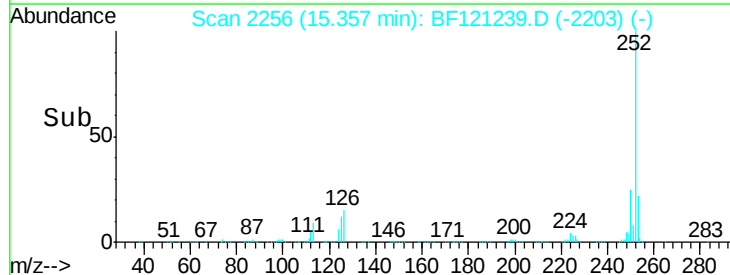
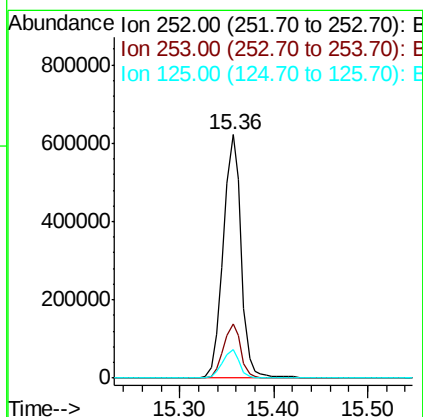
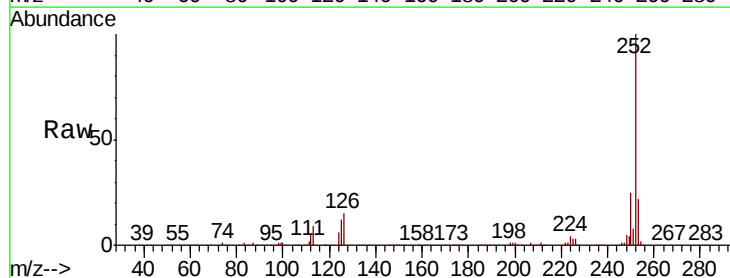
Instrument :
BNA_F
ClientSampleId :
PB130878BS

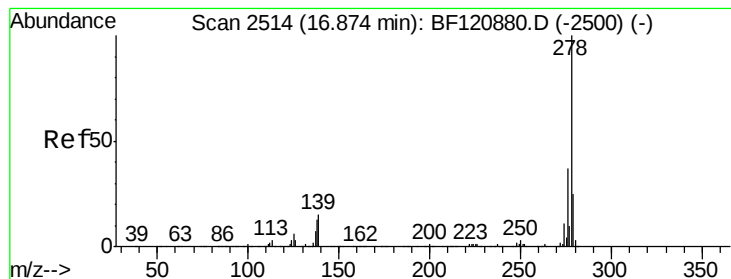
Tot Ion:252 Resp: 923520
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.7 8.0 12.0



#90
Benzo(a)pyrene
Concen: 38.845 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121239.D
Acq: 11 Aug 2020 14:39

Tgt Ion:252 Resp: 827784
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.6 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 37.659 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.02 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

Instrument :

BNA_F

ClientSampleId :

PB130878BS

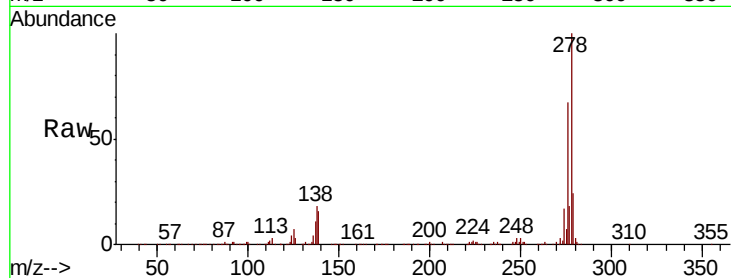
Tot Ion:278 Resp: 826670

Ion Ratio Lower Upper

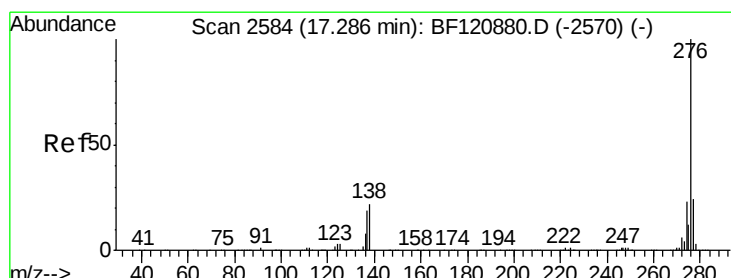
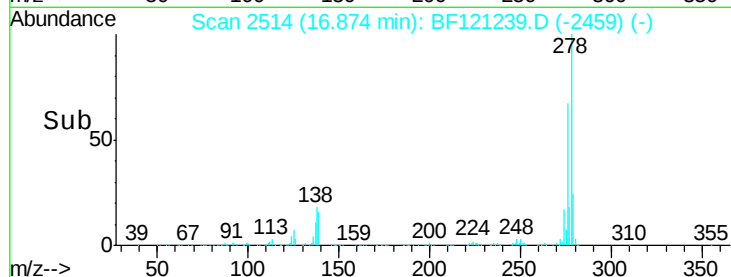
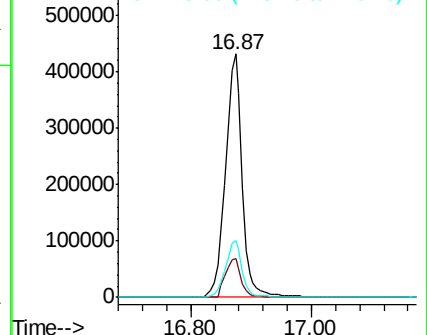
278 100

139 16.0 12.6 18.8

279 23.5 19.5 29.3



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: 38.168 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.03 min

Lab File: BF121239.D

Acq: 11 Aug 2020 14:39

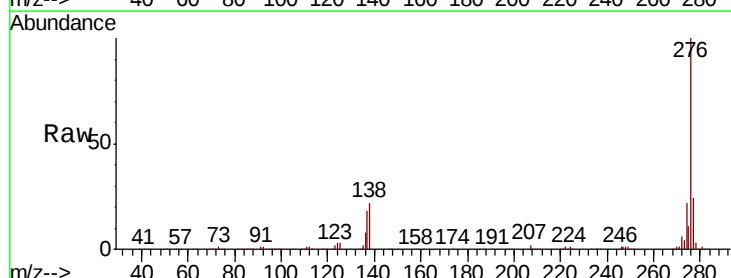
Tgt Ion:276 Resp: 826104

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 21.5 17.2 25.8



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

