

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052020\
 Data File : BF120370.D
 Acq On : 20 May 2020 15:31
 Operator : MA/SJ
 Sample : PB129015BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB129015BS

Quant Time: May 20 16:08:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 13:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	293967	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	1159918	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	577867	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1015258	20.00	ng	0.00
76) Chrysene-d12	13.76	240	660086	20.00	ng	0.00
87) Perylene-d12	15.13	264	579043	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2051392	135.78	ng	0.02
7) Phenol-d6	6.26	99	2514416	131.60	ng	0.00
23) Nitrobenzene-d5	7.17	82	1653418	97.60	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	614439	130.41	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2978078	105.88	ng	0.00
79) Terphenyl-d14	12.70	244	2773009	92.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	337612	56.174	ng	98
3) Pyridine	2.95	79	703876	37.257	ng	94
4) n-Nitrosodimethylamine	2.90	42	377282	51.001	ng	92
6) Aniline	6.26	93	883071	36.140	ng	97
8) 2-Chlorophenol	6.38	128	832120	47.236	ng	99
9) Benzaldehyde	6.14	77	501706	42.596	ng	98
10) Phenol	6.27	94	992032	44.479	ng	# 79
11) bis(2-Chloroethyl)ether	6.33	93	837757	47.023	ng	95
12) 1,3-Dichlorobenzene	6.53	146	829069	43.982	ng	99
13) 1,4-Dichlorobenzene	6.60	146	869245	44.773	ng	99
14) 1,2-Dichlorobenzene	6.76	146	765058	43.760	ng	99
15) Benzyl Alcohol	6.75	79	633706	46.687	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1316083	46.875	ng	70
17) 2-Methylphenol	6.87	107	648557	43.612	ng	95
18) Hexachloroethane	7.10	117	326787	44.184	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	559476	44.697	ng	93
20) 3+4-Methylphenols	7.03	107	822618	42.546	ng	96
22) Acetophenone	7.01	105	1134137	47.729	ng	96
24) Nitrobenzene	7.18	77	848057	46.513	ng	95
25) Isophorone	7.43	82	1615921	45.842	ng	99
26) 2-Nitrophenol	7.50	139	462252	48.476	ng	92
27) 2,4-Dimethylphenol	7.55	122	704705	50.803	ng	97
28) bis(2-Chloroethoxy)methane	7.64	93	1029135	46.449	ng	99
29) 2,4-Dichlorophenol	7.75	162	662050	46.472	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	724810	45.912	ng	99
31) Naphthalene	7.90	128	2301612	47.016	ng	99
32) Benzoic acid	7.72	122	426161	46.871	ng	99
33) 4-Chloroaniline	7.96	127	713660	31.989	ng	98
34) Hexachlorobutadiene	8.02	225	399949	43.830	ng	97
35) Caprolactam	8.35	113	104913	22.510	ng	97
36) 4-Chloro-3-methylphenol	8.46	107	706016	45.811	ng	100
37) 2-Methylnaphthalene	8.59	142	1550070	46.270	ng	97
38) 1-Methylnaphthalene	8.69	142	1486908	45.763	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	686134	47.089	ng	99

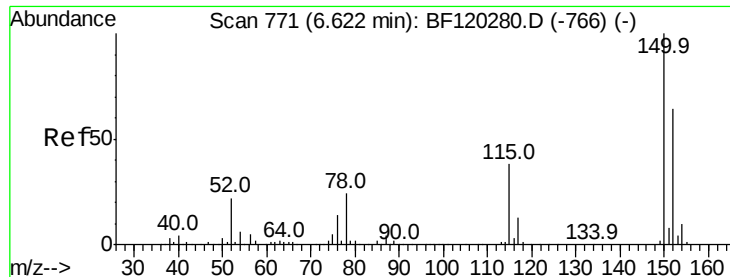
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	570101	93.618	ng	97
43) 2,4,6-Trichlorophenol	8.88	196	446552	45.656	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	466051	41.491	ng	98
46) 1,1'-Biphenyl	9.06	154	1848831	48.830	ng	99
47) 2-Chloronaphthalene	9.08	162	1385715	45.626	ng	99
48) 2-Nitroaniline	9.19	65	504162	45.496	ng	95
49) Acenaphthylene	9.49	152	2176106	46.905	ng	100
50) Dimethylphthalate	9.37	163	1603836	43.905	ng	99
51) 2,6-Dinitrotoluene	9.43	165	352931	43.288	ng	94
52) Acenaphthene	9.66	154	1287199	46.288	ng	99
53) 3-Nitroaniline	9.60	138	284731	29.285	ng	96
54) 2,4-Dinitrophenol	9.72	184	344696	89.566	ng	96
55) Dibenzofuran	9.84	168	1850583	46.211	ng	100
56) 4-Nitrophenol	9.80	139	395586	75.722	ng	94
57) 2,4-Dinitrotoluene	9.84	165	420751	43.994	ng	92
58) Fluorene	10.18	166	1430776	46.914	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.96	232	371557	43.955	ng	98
60) Diethylphthalate	10.07	149	1595570	45.243	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	696907	43.951	ng	96
62) 4-Nitroaniline	10.22	138	374643	41.381	ng	100
63) Azobenzene	10.33	77	1561957	46.862	ng	94
65) 4,6-Dinitro-2-methylphenol	10.25	198	252559	49.189	ng	94
66) n-Nitrosodiphenylamine	10.30	169	1354830	48.235	ng	100
67) 4-Bromophenyl-phenylether	10.66	248	438573	44.517	ng	98
68) Hexachlorobenzene	10.73	284	471101	45.708	ng	98
69) Atrazine	10.83	200	357693	42.559	ng	100
70) Pentachlorophenol	10.93	266	376473	85.883	ng	99
71) Phenanthrene	11.14	178	2015731	47.250	ng	99
72) Anthracene	11.19	178	2186433	47.874	ng	99
73) Carbazole	11.35	167	1945887	45.601	ng	99
74) Di-n-butylphthalate	11.69	149	2446307	47.567	ng	99
75) Fluoranthene	12.33	202	2142712	46.860	ng	97
77) Benzidine	12.46	184	1250782	64.889	ng	96
78) Pyrene	12.55	202	2177997	46.283	ng	99
80) Butylbenzylphthalate	13.18	149	993895	44.853	ng	98
81) Benzo(a)anthracene	13.74	228	1617526	46.460	ng	99
82) 3,3'-Dichlorobenzidine	13.71	252	478241	36.451	ng	99
83) Chrysene	13.78	228	1687544	45.140	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1264153	45.854	ng	99
85) Di-n-octyl phthalate	14.35	149	2297521	46.325	ng	98
86) Indeno(1,2,3-cd)pyrene	16.44	276	1276793	37.630	ng	98
88) Benzo(b)fluoranthene	14.76	252	1530704	48.405	ng	97
89) Benzo(k)fluoranthene	14.78	252	1335850	48.758	ng	99
90) Benzo(a)pyrene	15.09	252	1263125	44.539	ng	98
91) Dibenzo(a,h)anthracene	16.46	278	1050274	41.803	ng	99
92) Benzo(g,h,i)perylene	16.84	276	1079948	42.626	ng	99

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

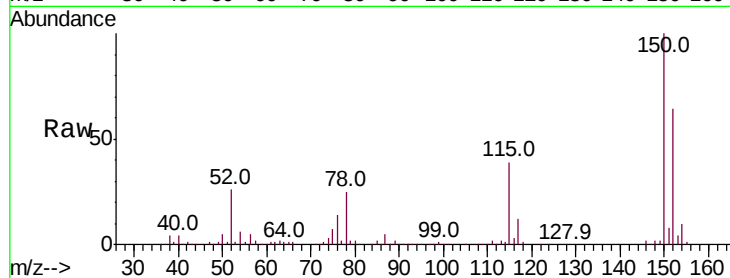


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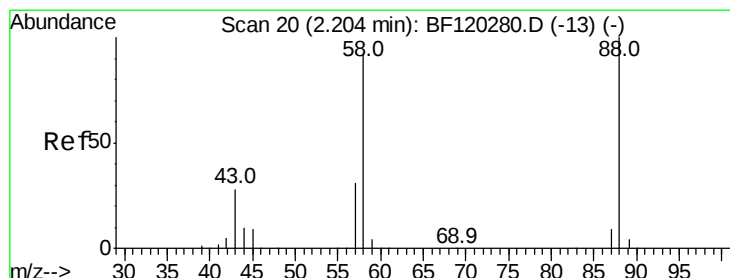
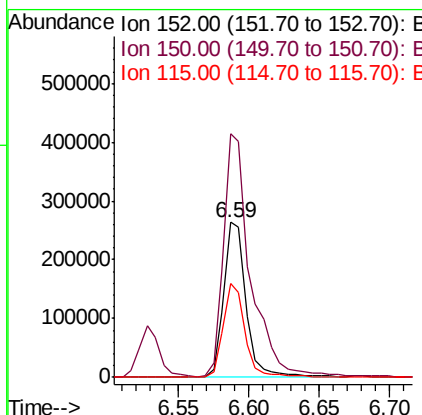
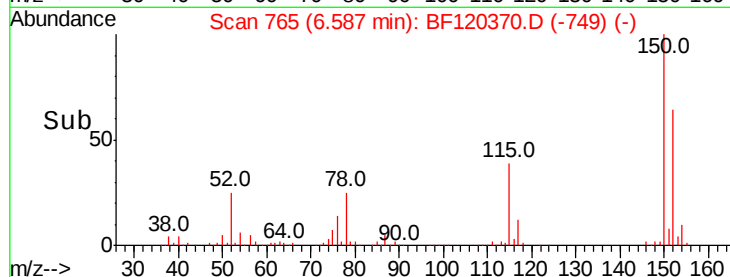
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Instrument :
BNA_M
ClientSampleId :
PB129015BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	60.9	47.9	71.9



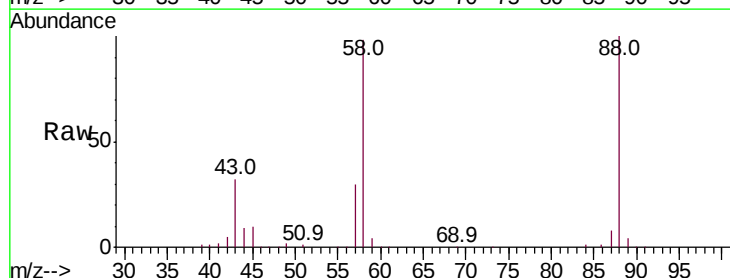
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



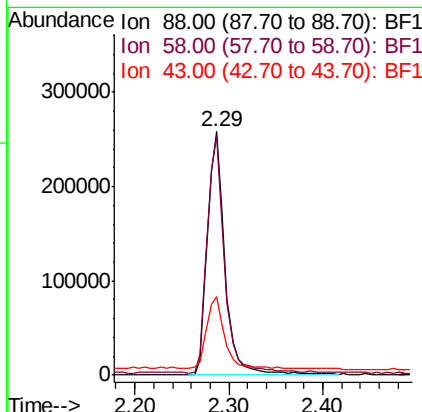
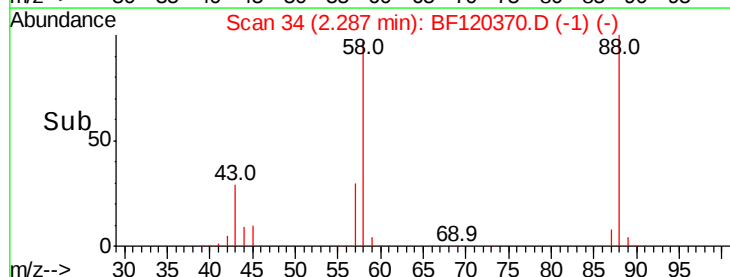
#2

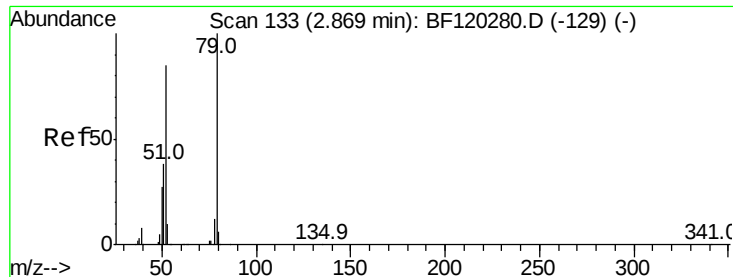
1,4-Dioxane
Concen: 56.174 ng
RT: 2.29 min Scan# 34
Delta R.T. 0.12 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.5	75.8	113.6
43	28.5	23.6	35.4



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: 37.257 ng

RT: 2.95 min Scan# 147

Delta R.T. 0.12 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

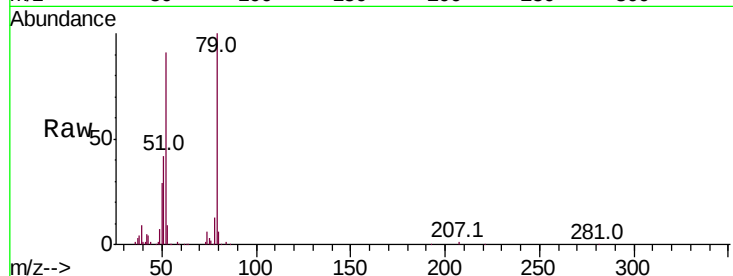
Tot Ion: 79 Resp: 703876

Ion Ratio Lower Upper

79 100

52 91.0 68.4 102.6

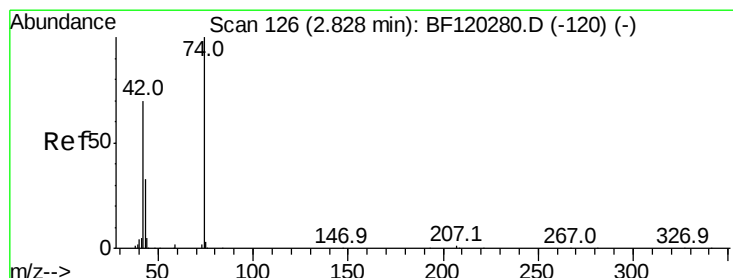
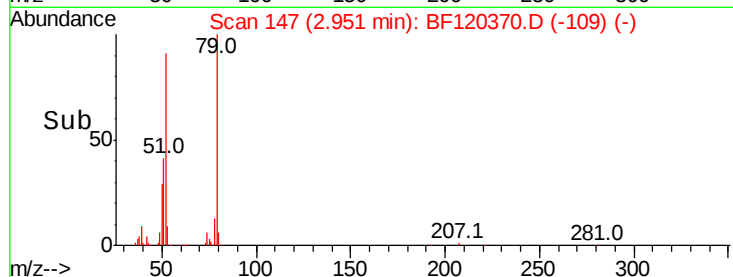
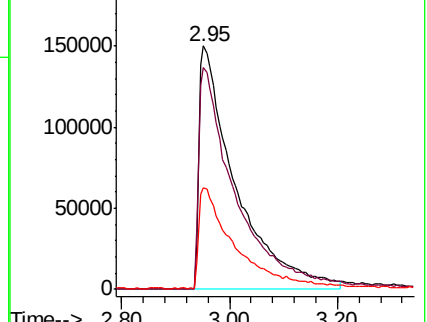
51 41.9 31.0 46.4



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: 51.001 ng

RT: 2.90 min Scan# 138

Delta R.T. 0.11 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

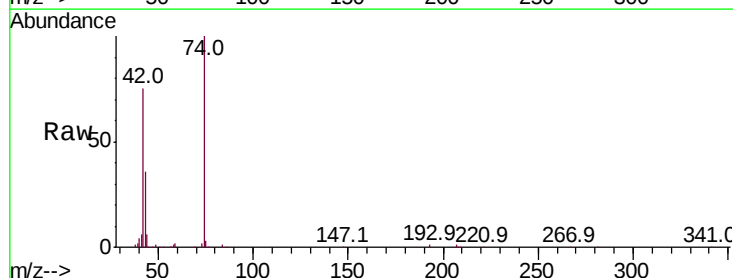
Tgt Ion: 42 Resp: 377282

Ion Ratio Lower Upper

42 100

74 133.2 114.8 172.2

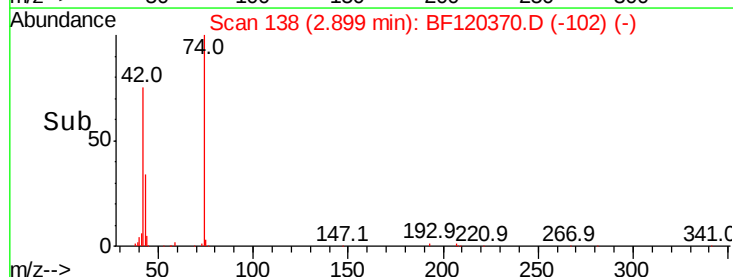
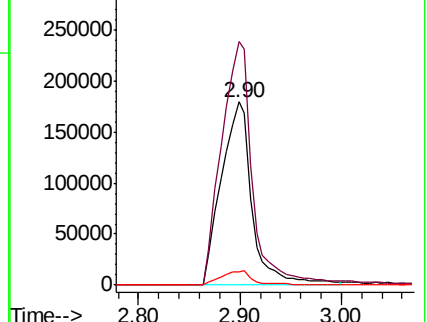
44 7.5 5.6 8.4

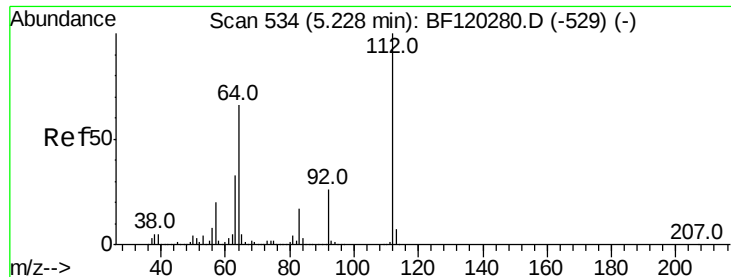


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 135.777 ng

RT: 5.22 min Scan# 532

Delta R.T. 0.02 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

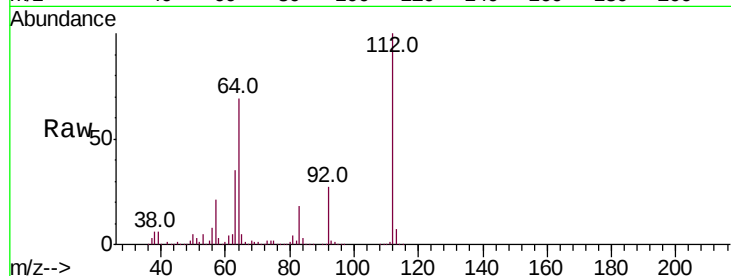
Tot Ion:112 Resp: 2051392

Ion Ratio Lower Upper

112 100

64 69.1 52.7 79.1

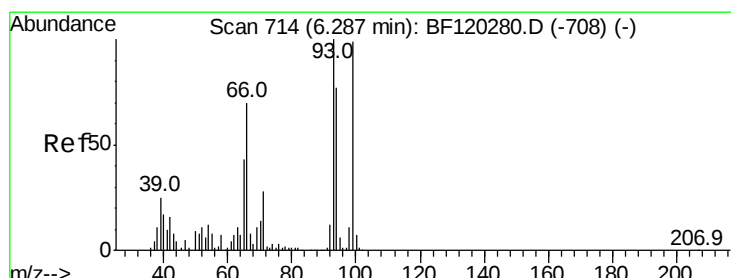
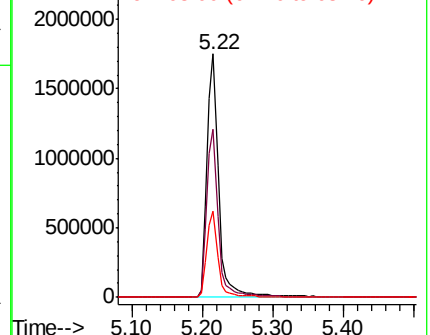
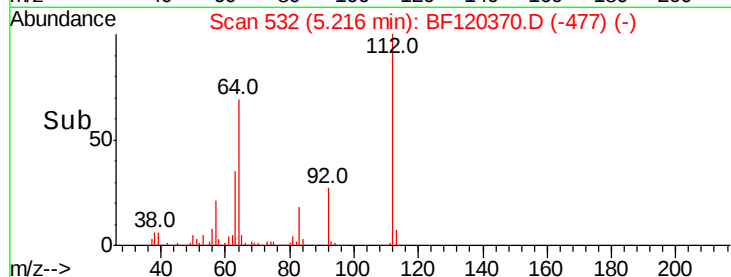
63 35.5 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.140 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

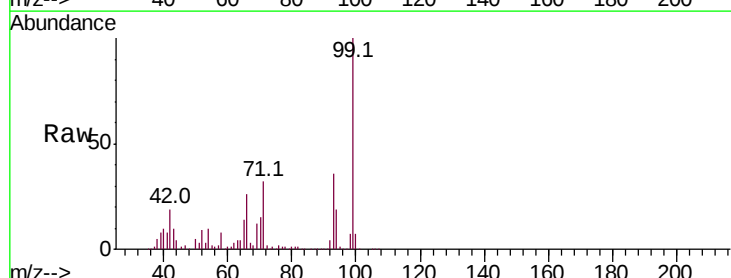
Tgt Ion: 93 Resp: 883071

Ion Ratio Lower Upper

93 100

66 71.4 56.2 84.4

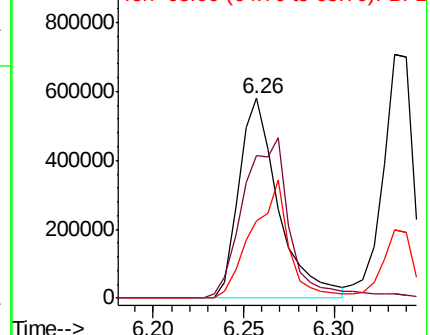
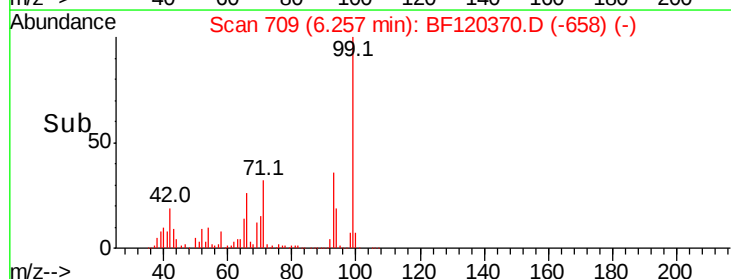
65 38.4 34.2 51.2

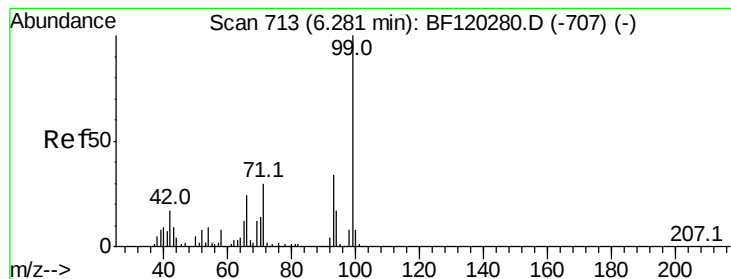


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.603 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

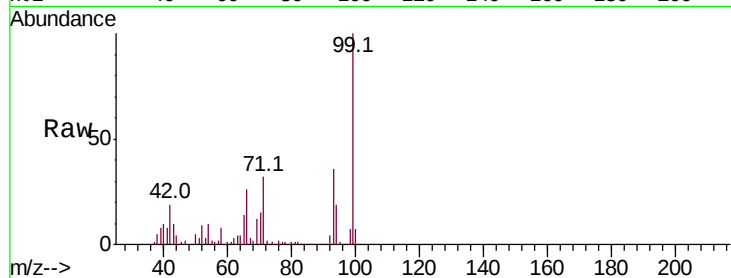
Tot Ion: 99 Resp: 2514416

Ion Ratio Lower Upper

99 100

42 18.6 13.6 20.4

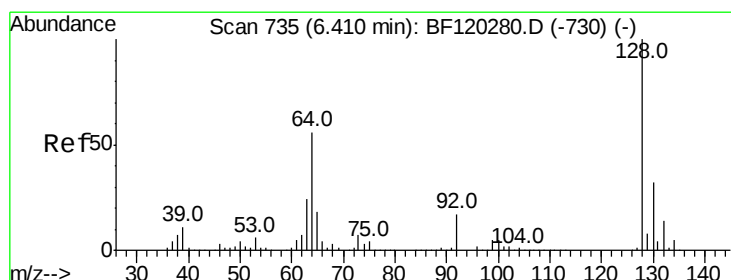
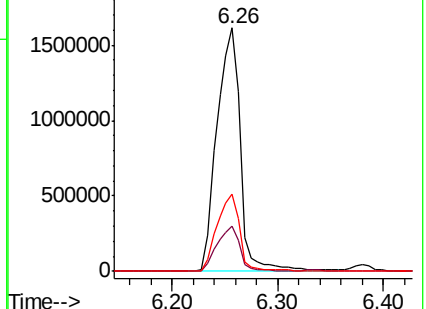
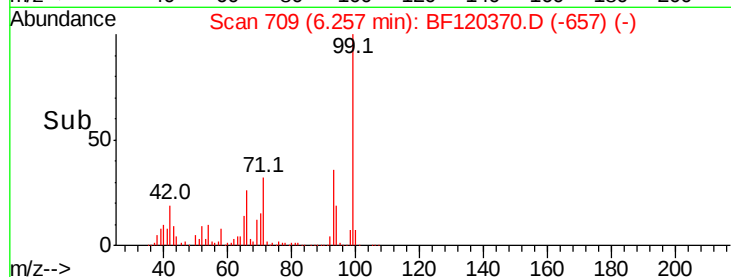
71 31.7 24.2 36.4



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: 47.236 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

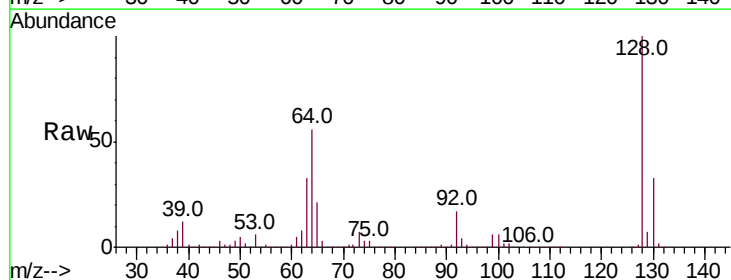
Tgt Ion:128 Resp: 832120

Ion Ratio Lower Upper

128 100

130 33.2 12.4 52.4

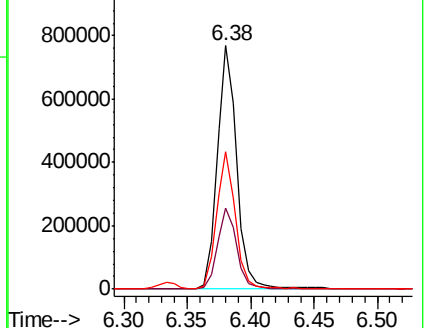
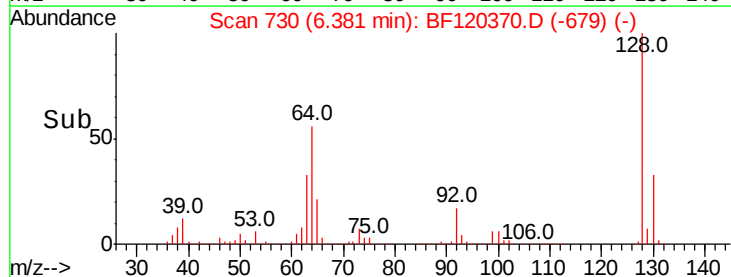
64 56.3 36.7 76.7

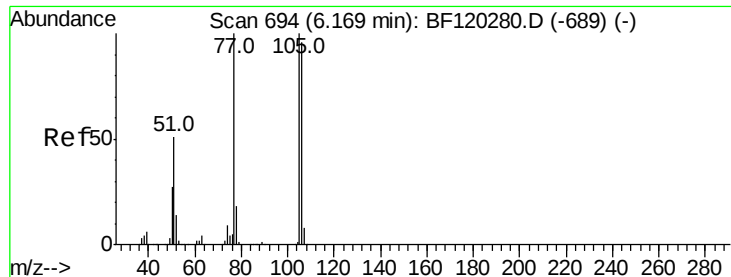


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.596 ng

RT: 6.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampled :

PB129015BS

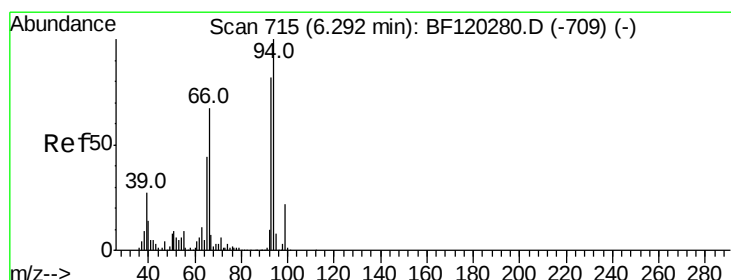
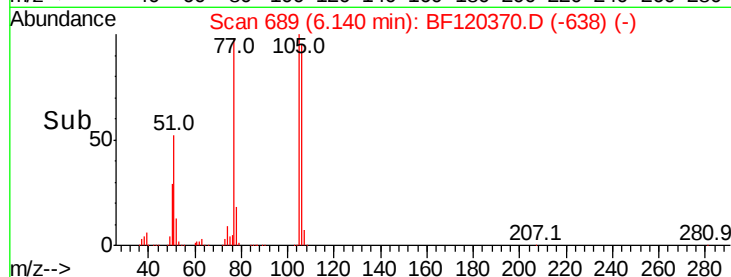
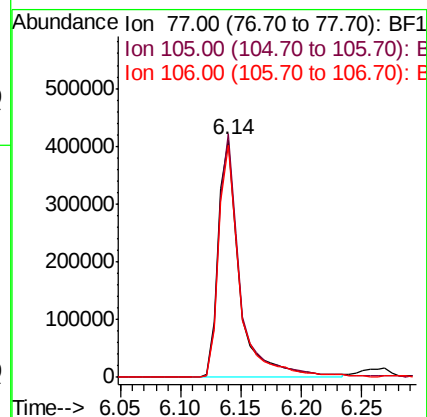
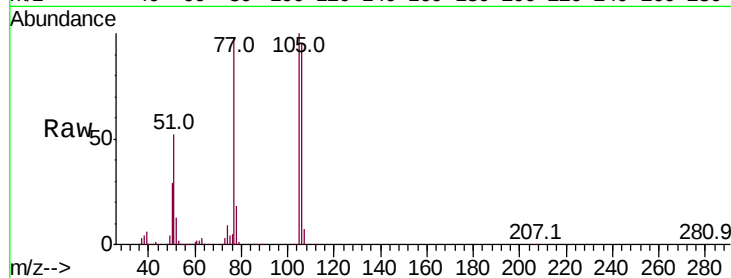
Tot Ion: 77 Resp: 501706

Ion Ratio Lower Upper

77 100

105 102.5 79.9 119.9

106 97.9 75.7 115.7



#10

Phenol

Concen: 44.479 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

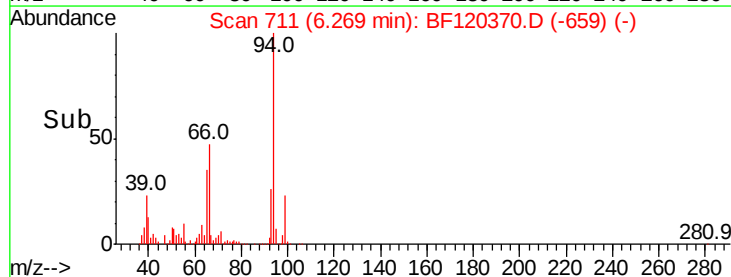
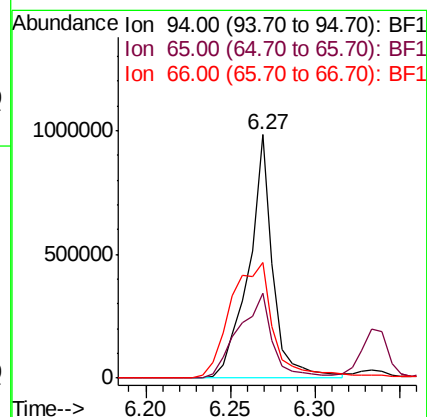
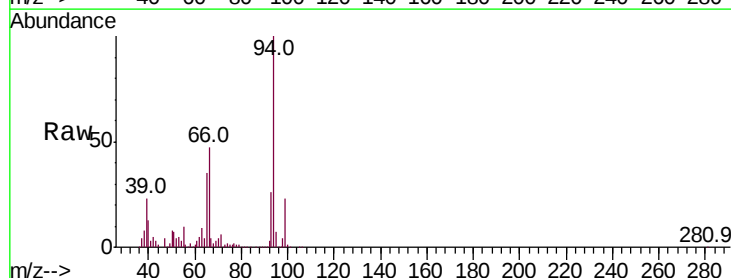
Tgt Ion: 94 Resp: 992032

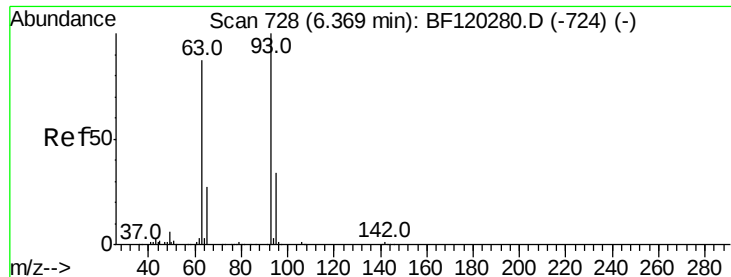
Ion Ratio Lower Upper

94 100

65 34.9 24.1 64.1

66 47.3 47.5 87.5#

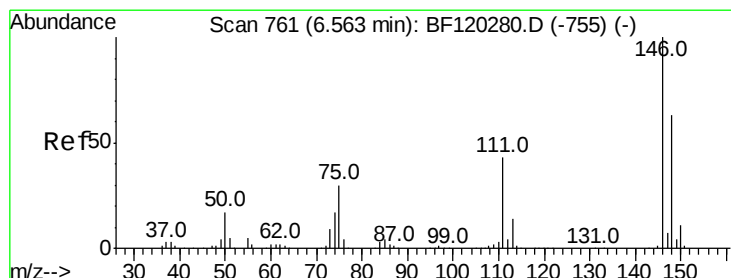
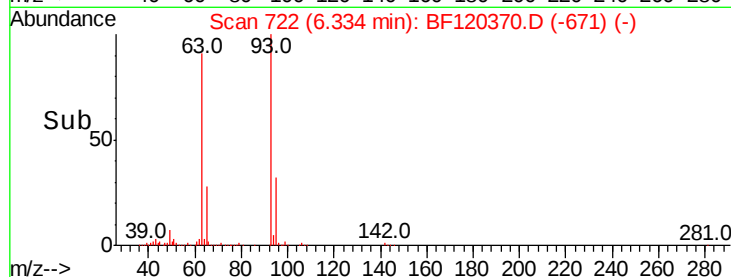
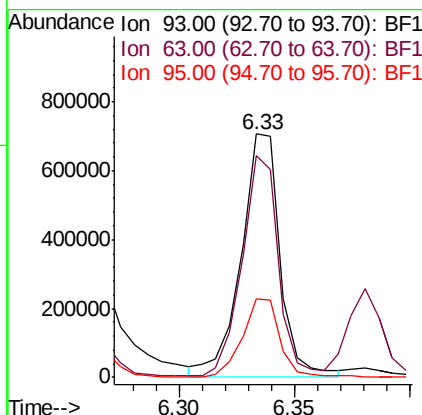
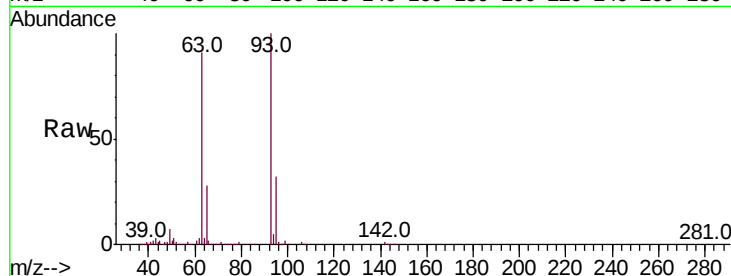




#11
bis(2-Chloroethyl)ether
Concen: 47.023 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

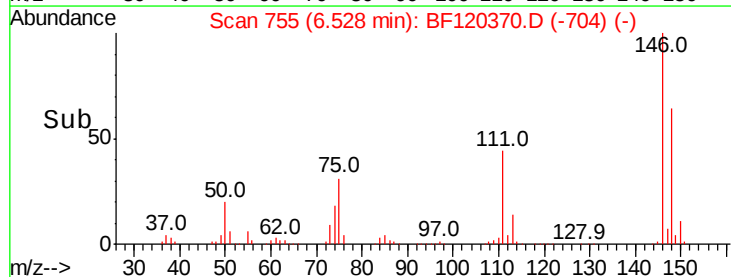
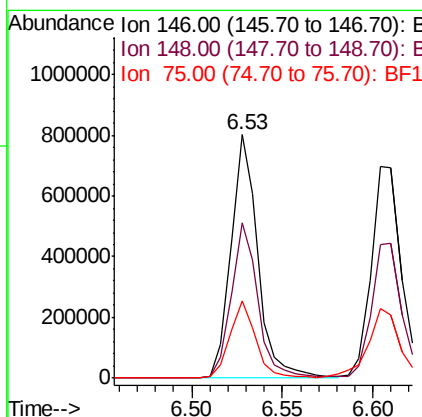
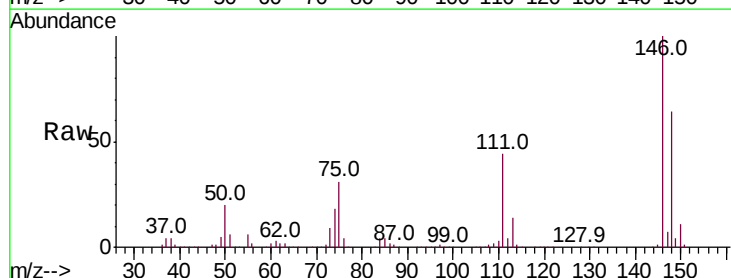
Instrument :
BNA_M
ClientSampleId :
PB129015BS

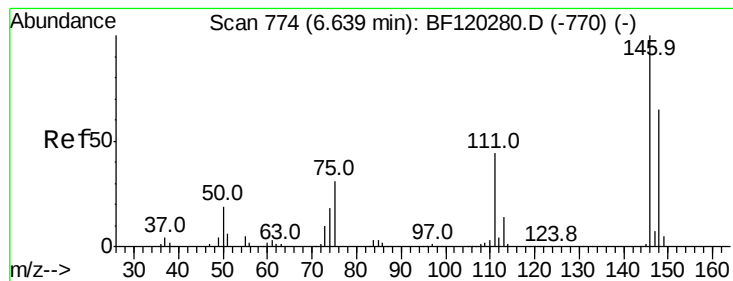
Tot Ion: 93 Resp: 837757
Ion Ratio Lower Upper
93 100
63 91.1 65.4 105.4
95 32.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.982 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion: 146 Resp: 829069
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 31.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 44.773 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

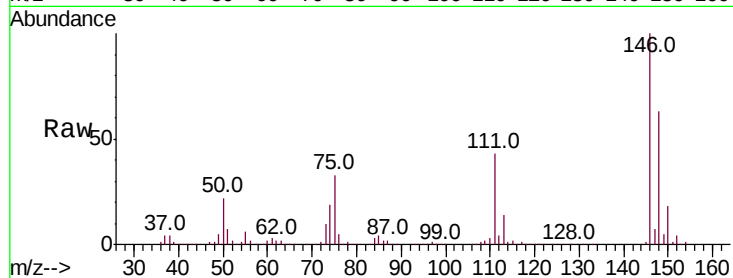
Tot Ion:146 Resp: 869245

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

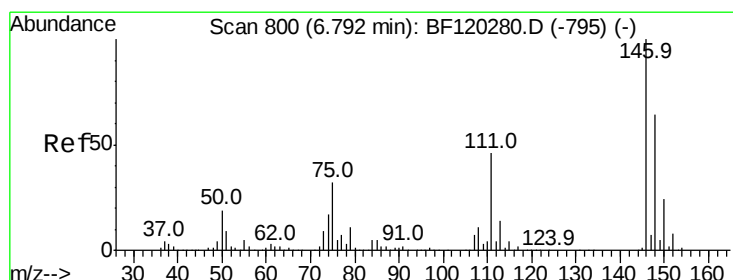
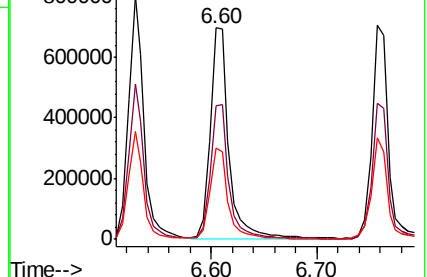
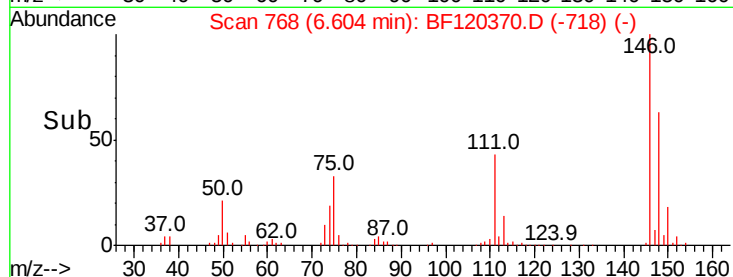
111 43.1 35.1 52.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.760 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

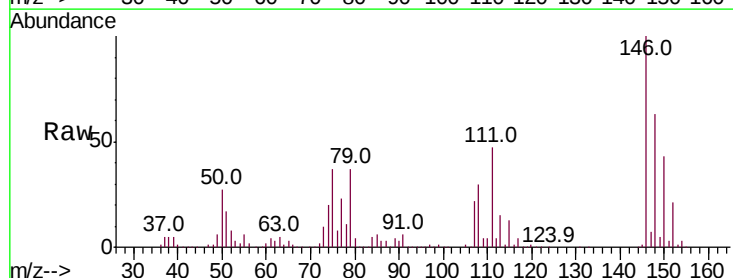
Tgt Ion:146 Resp: 765058

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

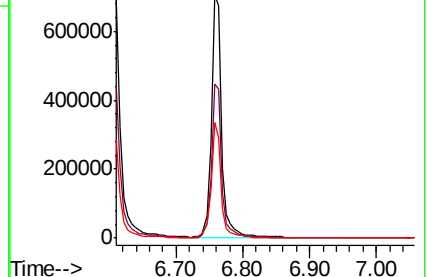
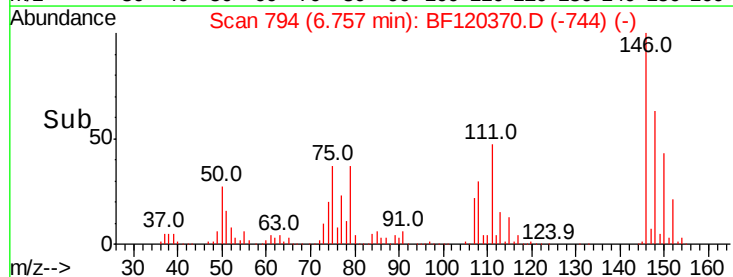
111 47.4 36.6 55.0

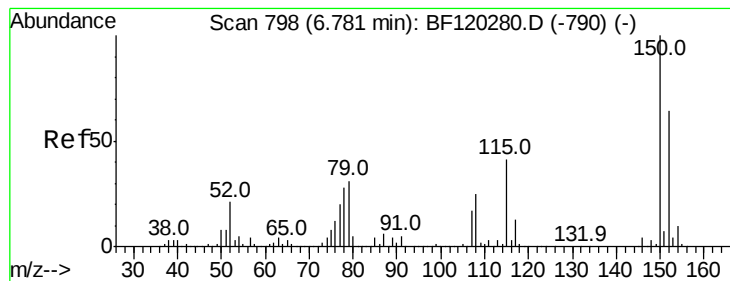


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.687 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

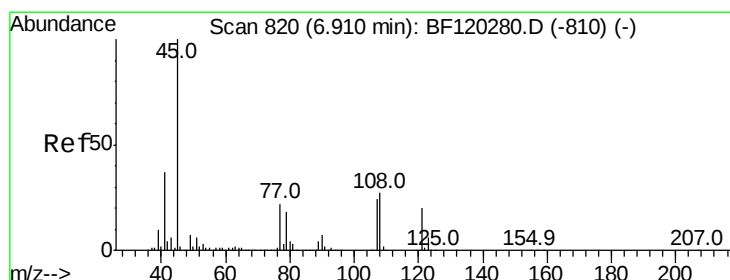
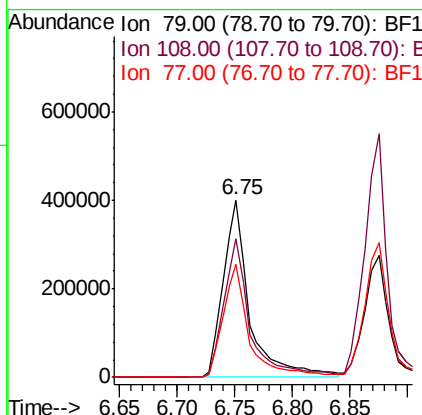
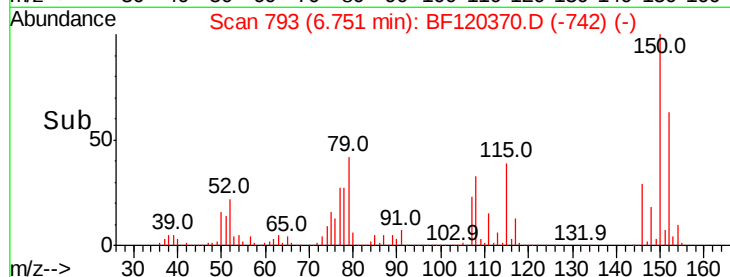
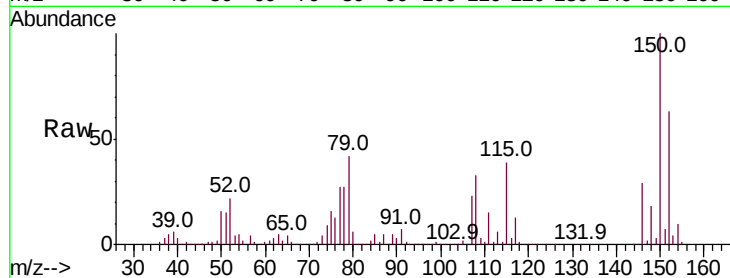
Tot Ion: 79 Resp: 633706

Ion Ratio Lower Upper

79 100

108 77.9 64.2 96.4

77 63.7 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.875 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

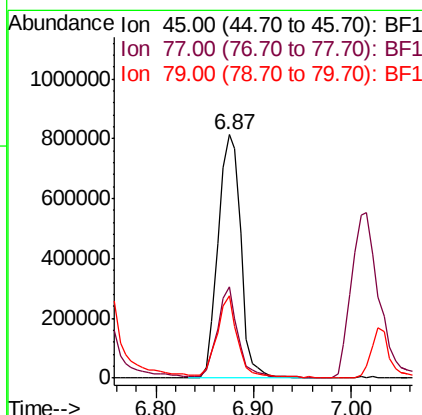
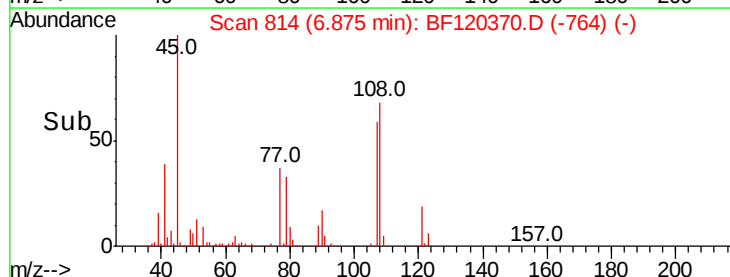
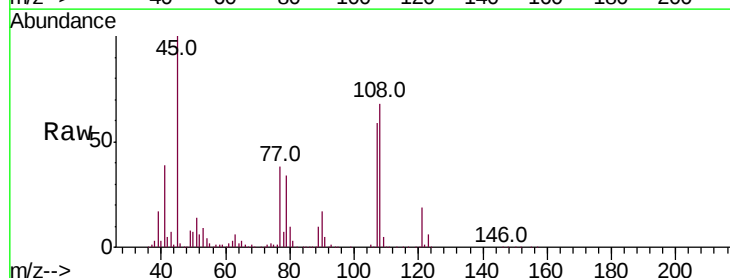
Tgt Ion: 45 Resp: 1316083

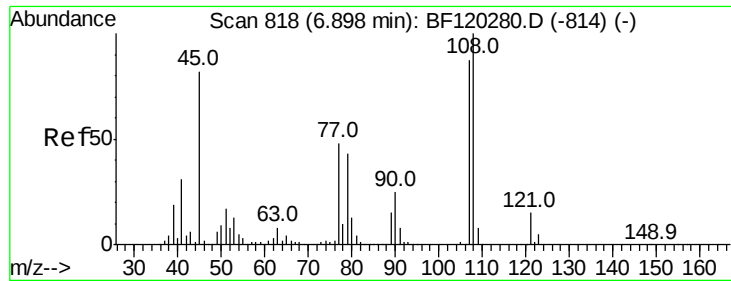
Ion Ratio Lower Upper

45 100

77 37.5 3.1 43.1

79 33.8 0.0 40.0

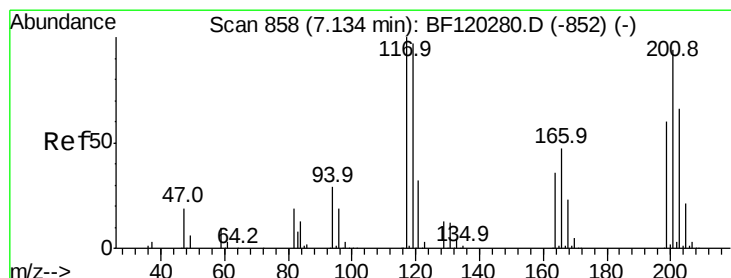
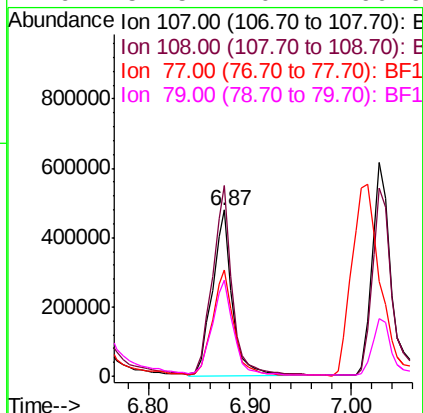
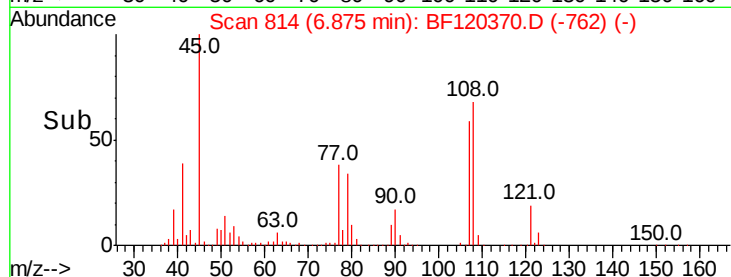
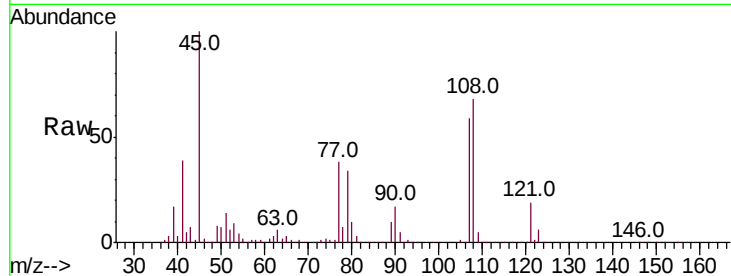




#17
2-Methylphenol
Concen: 43.612 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

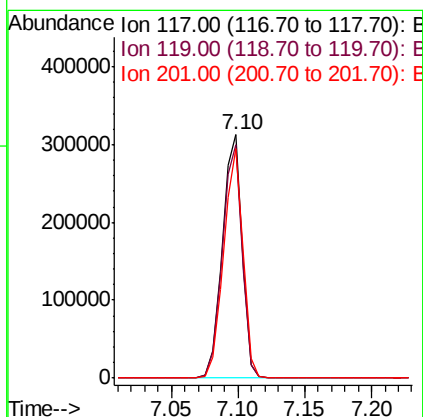
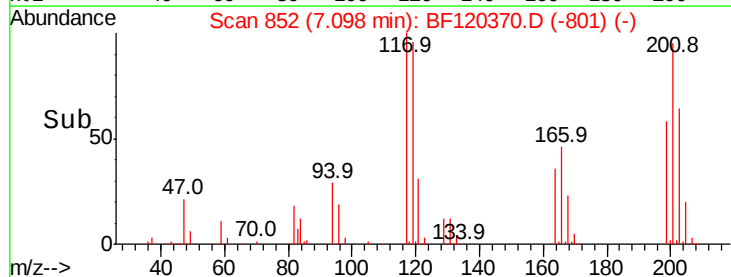
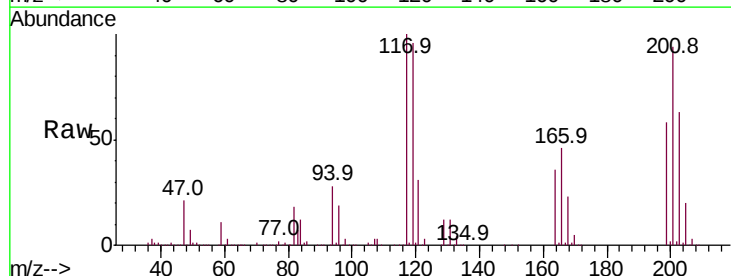
Instrument :
BNA_M
ClientSampleId :
PB129015BS

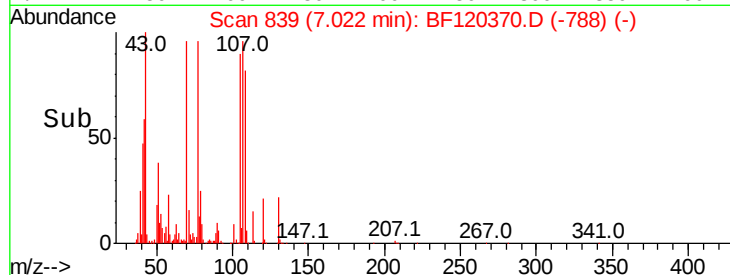
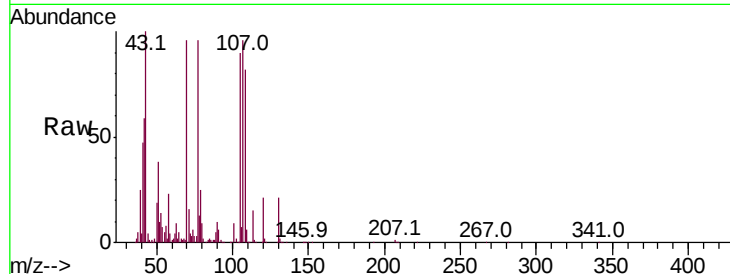
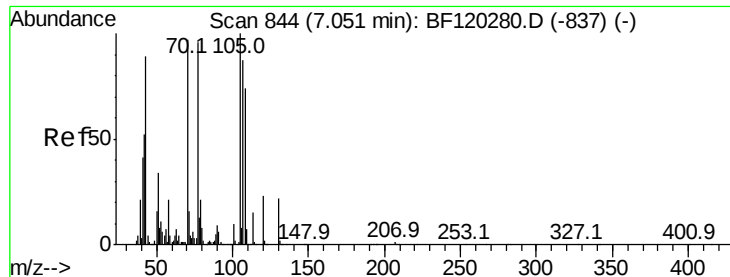
Tot Ion:	107	Resp:	648557
Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.4	138.6
77	63.8	44.5	66.7
79	57.5	40.4	60.6



#18
Hexachloroethane
Concen: 44.184 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion:	117	Resp:	326787
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.0
201	94.5	74.9	112.3

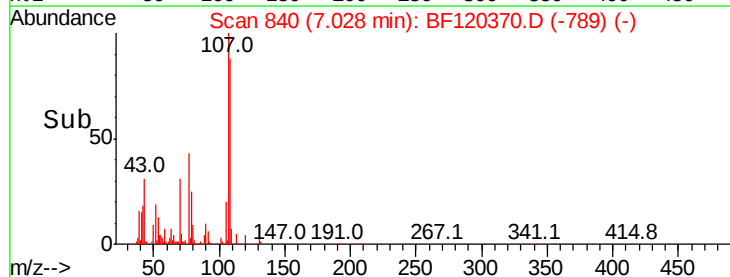
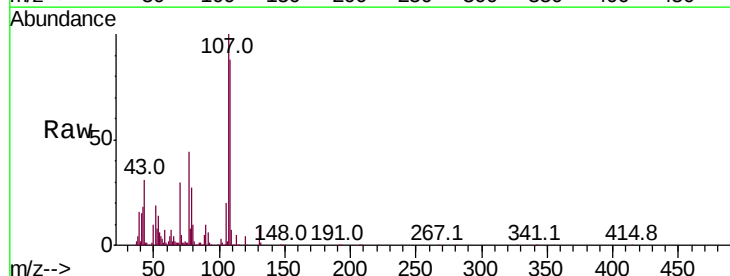
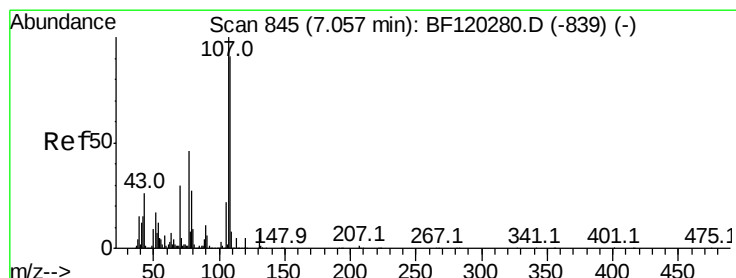
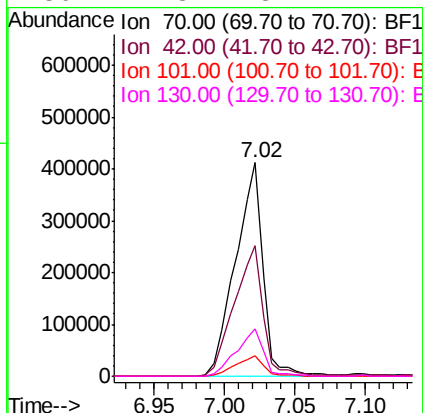




#19
n-Nitroso-di-n-propylamine
Concen: 44.697 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

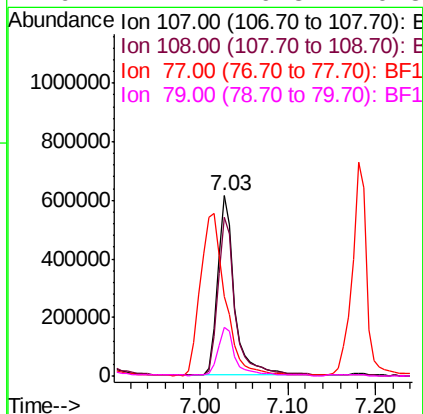
Instrument :
BNA_M
ClientSampleId :
PB129015BS

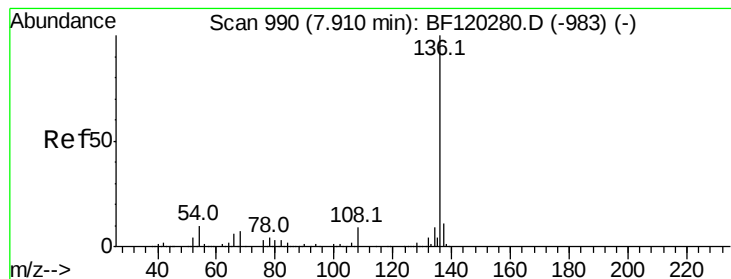
Tot Ion:	70	Resp:	559476
Ion	Ratio	Lower	Upper
70	100		
42	61.3	43.4	65.0
101	9.4	7.8	11.8
130	22.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.546 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion:	107	Resp:	822618
Ion	Ratio	Lower	Upper
107	100		
108	88.0	71.1	111.1
77	44.3	28.1	68.1
79	27.2	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

Tot Ion:136 Resp: 1159918

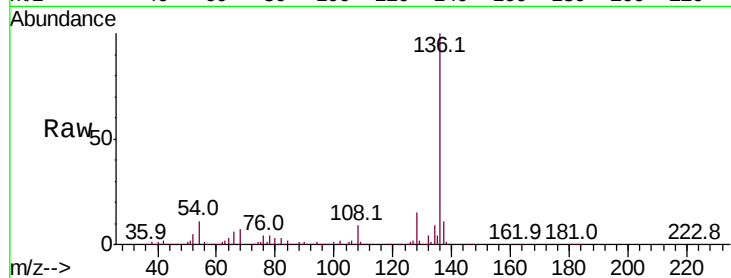
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 10.8 7.9 11.9

68 6.6 5.4 8.2

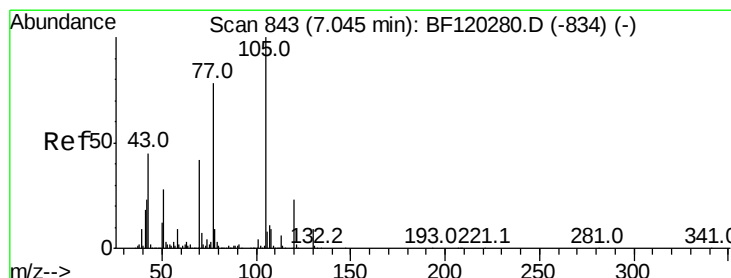
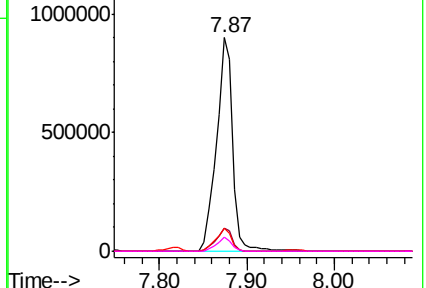
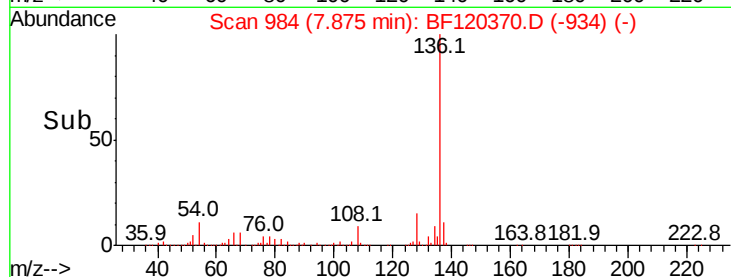


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.729 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Tgt Ion:105 Resp: 1134137

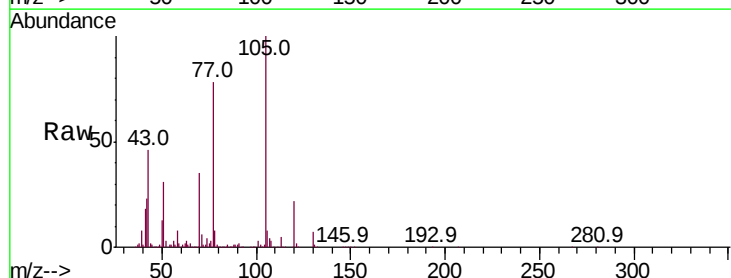
Ion Ratio Lower Upper

105 100

71 5.9 5.6 8.4

51 31.0 22.6 34.0

120 22.4 18.7 28.1

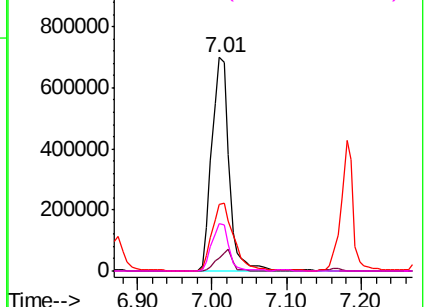
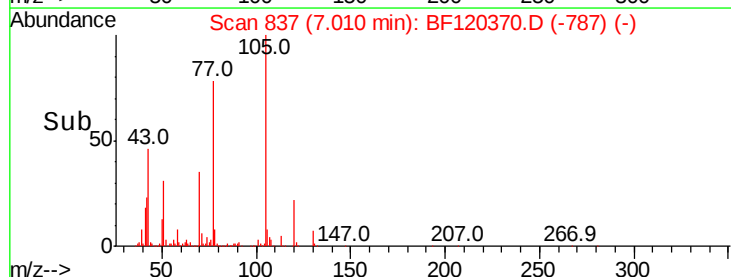


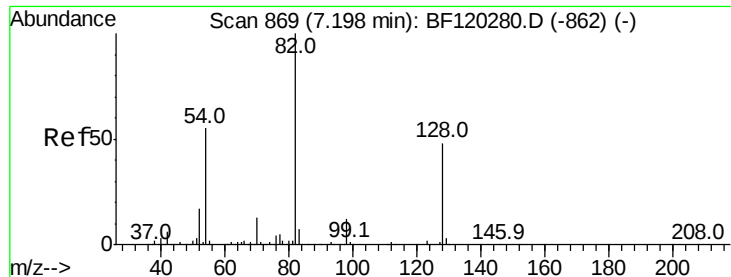
Abundance Ion 105.00 (104.70 to 105.70): E

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



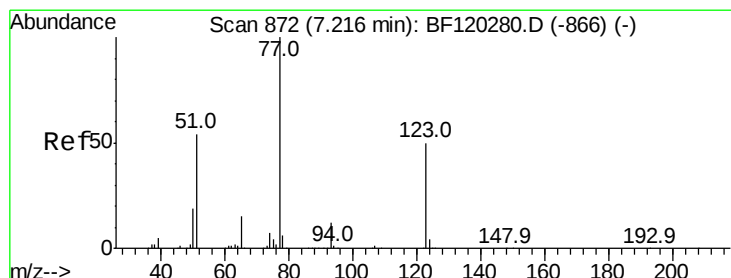
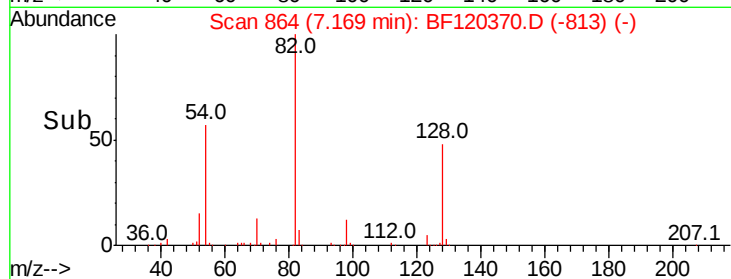
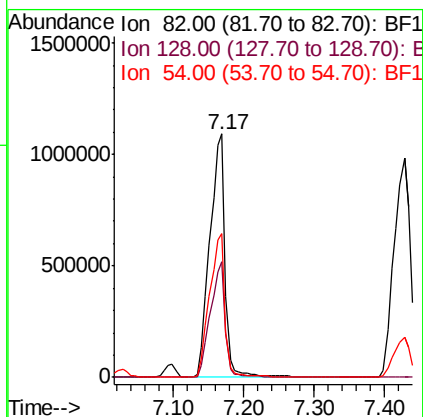
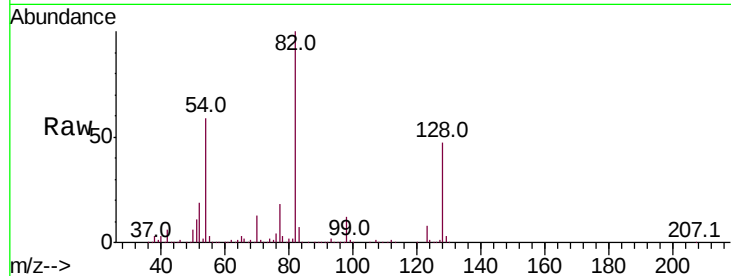


#23
 Nitrobenzene-d5
 Concen: 97.596 ng
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF120370.D
 Acq: 20 May 2020 15:31

Instrument :
 BNA_M
 ClientSampleID :
 PB129015BS

Tot Ion: 82 Resp: 1653418

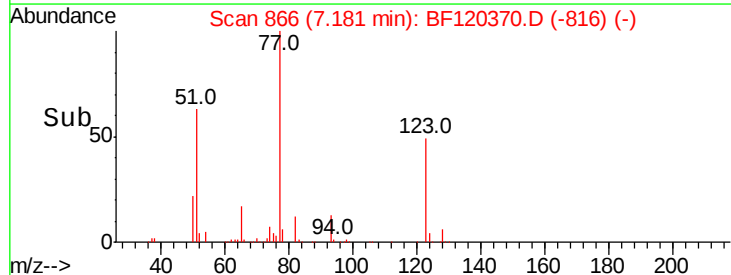
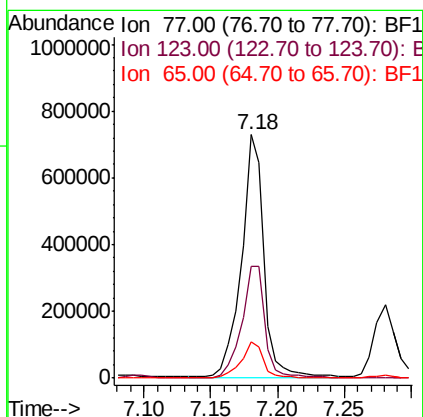
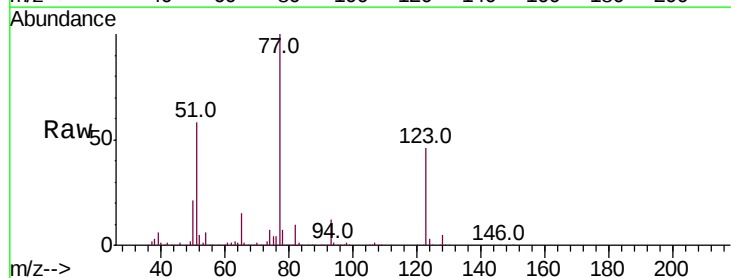
Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.3	57.5
54	59.1	43.9	65.9

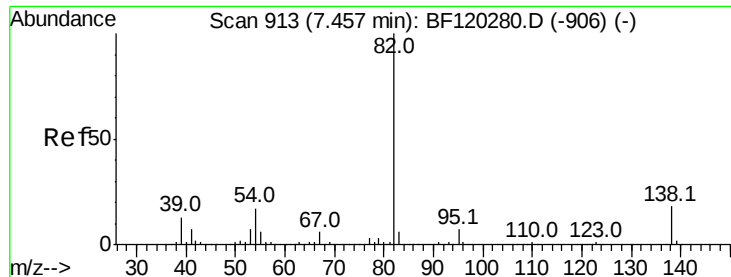


#24
 Nitrobenzene
 Concen: 46.513 ng
 RT: 7.18 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF120370.D
 Acq: 20 May 2020 15:31

Tgt Ion: 77 Resp: 848057

Ion	Ratio	Lower	Upper
77	100		
123	45.9	40.0	60.0
65	15.0	11.7	17.5





#25

Isophorone

Concen: 45.842 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

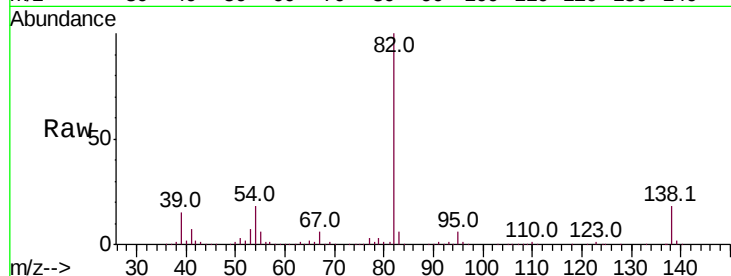
Tot Ion: 82 Resp: 1615921

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.0

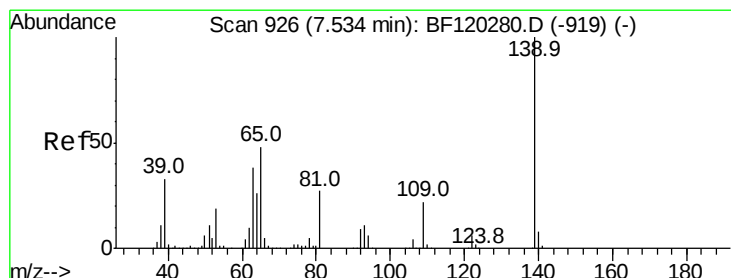
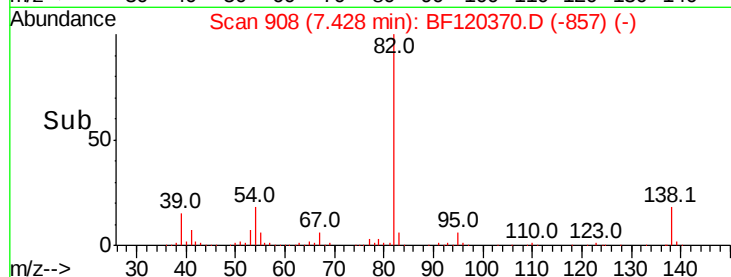
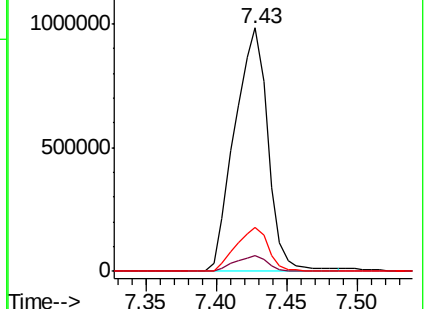
138 18.0 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.476 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

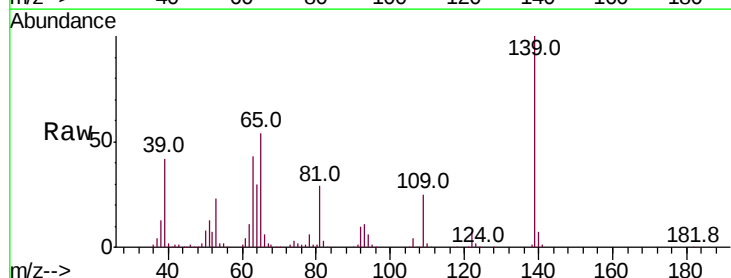
Tgt Ion: 139 Resp: 462252

Ion Ratio Lower Upper

139 100

109 24.8 17.7 26.5

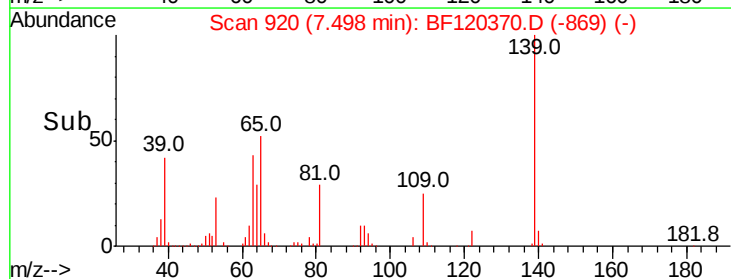
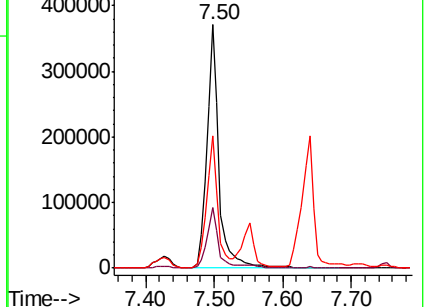
65 54.1 38.3 57.5

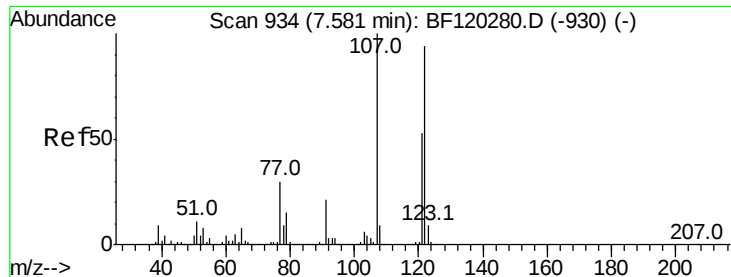


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

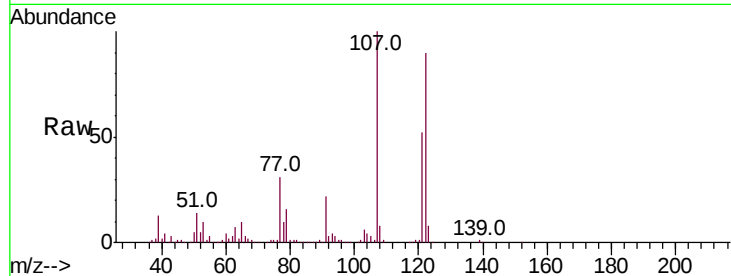




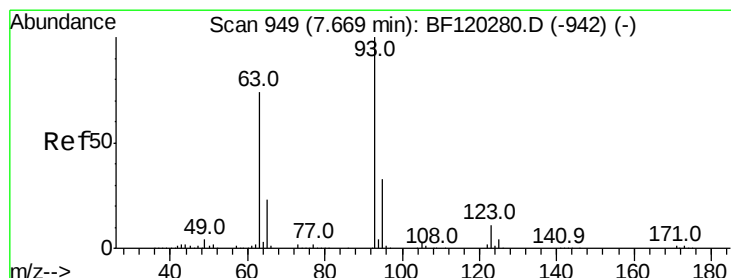
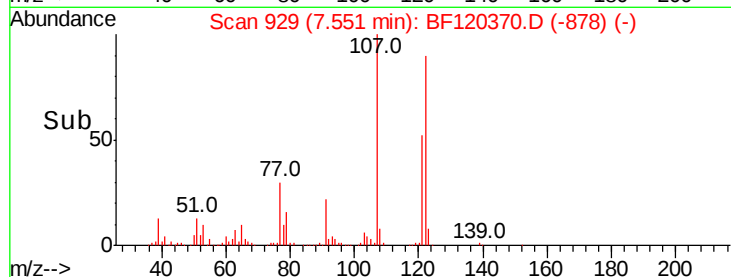
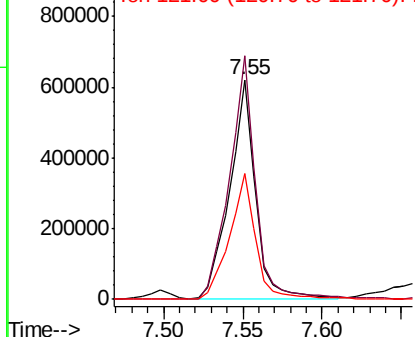
#27
2,4-Dimethylphenol
Concen: 50.803 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Instrument :
BNA_M
ClientSampleId :
PB129015BS

Tot Ion:122 Resp: 704705
Ion Ratio Lower Upper
122 100
107 110.9 85.0 127.6
121 57.4 45.1 67.7

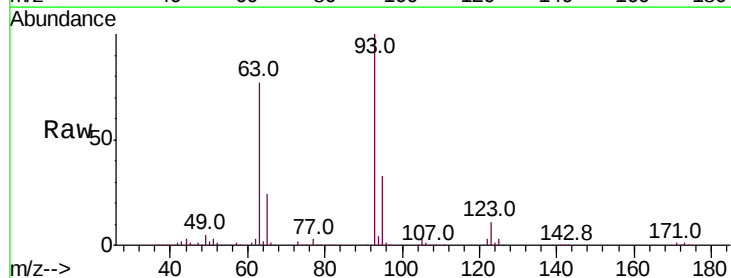


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

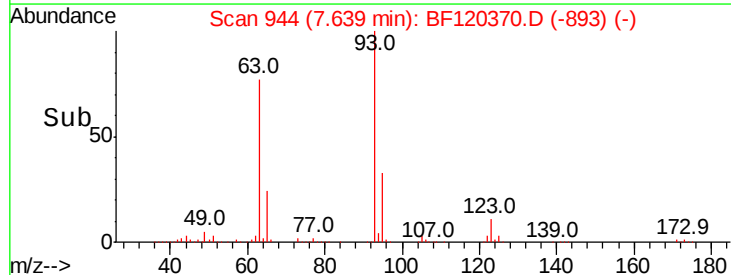
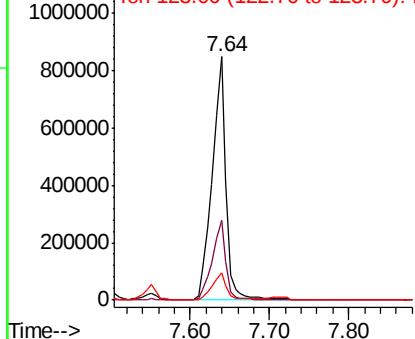


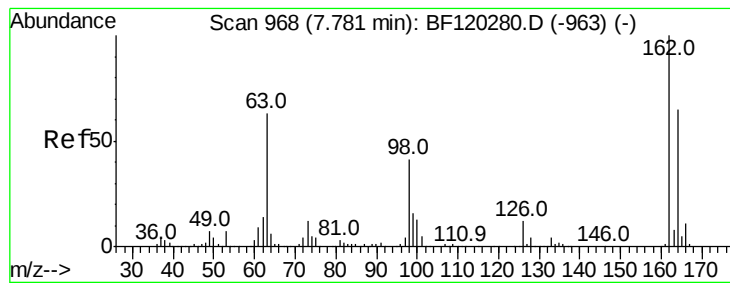
#28
bis(2-Chloroethoxy)methane
Concen: 46.449 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion: 93 Resp: 1029135
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 11.4 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

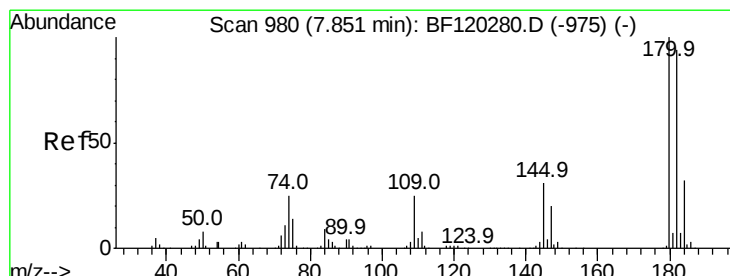
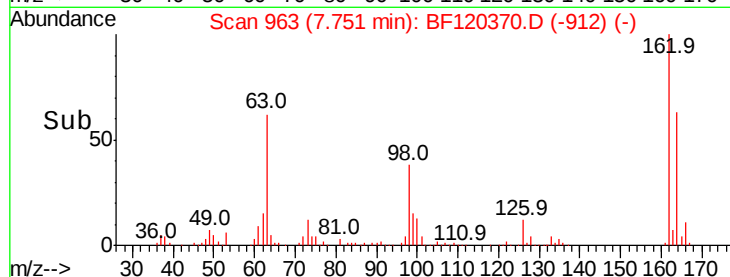
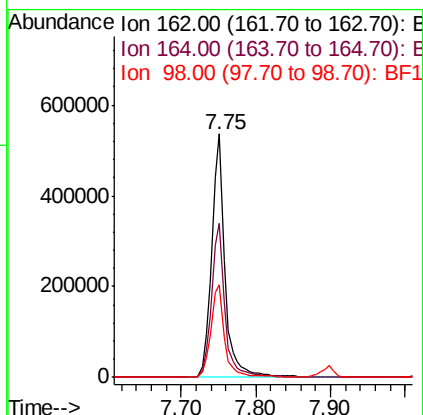
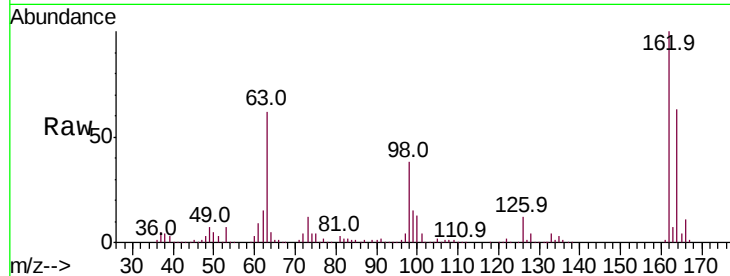




#29
 2,4-Dichlorophenol
 Concen: 46.472 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF120370.D
 Acq: 20 May 2020 15:31

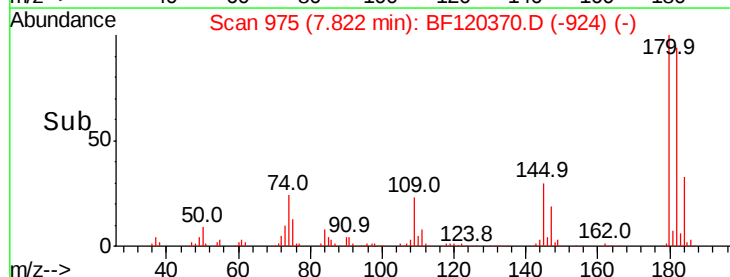
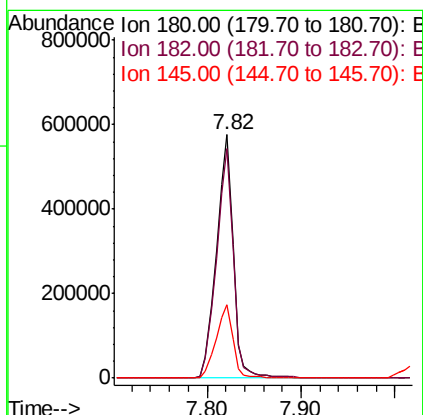
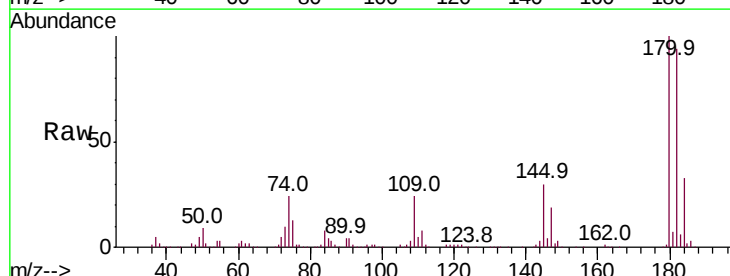
Instrument :
 BNA_M
 ClientSampleId :
 PB129015BS

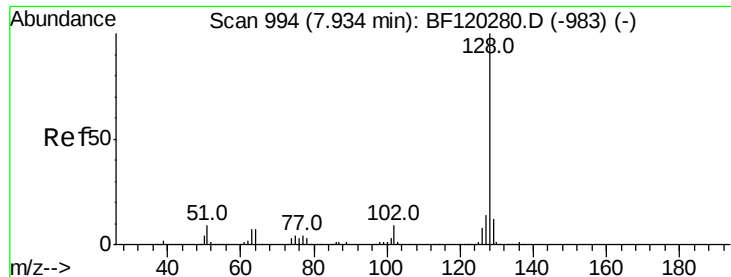
Tot Ion:	162	Resp:	662050
Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.9	84.9
98	38.2	20.7	60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 45.912 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF120370.D
 Acq: 20 May 2020 15:31

Tgt Ion:	180	Resp:	724810
Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.3	112.9
145	29.9	24.9	37.3

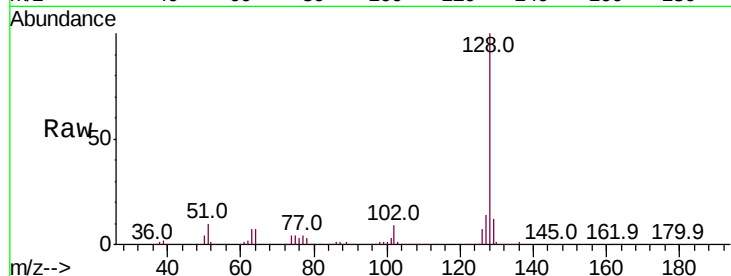




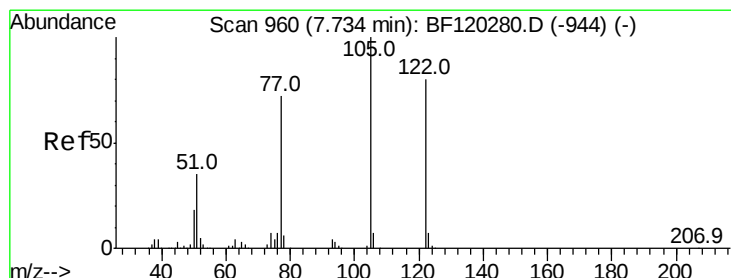
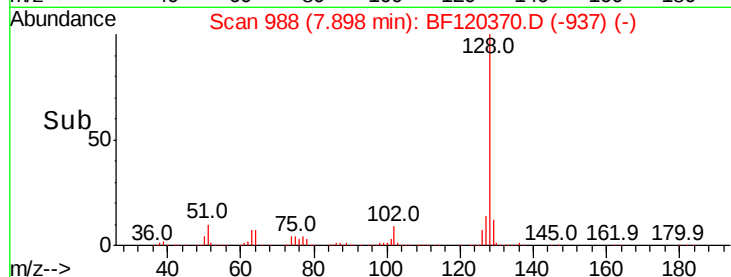
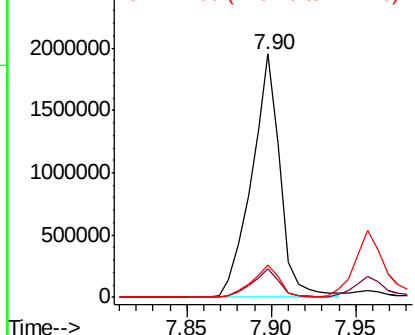
#31
Naphthalene
Concen: 47.016 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Instrument :
BNA_M
ClientSampleId :
PB129015BS

Tot Ion:128 Resp: 2301612
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.5 11.2 16.8

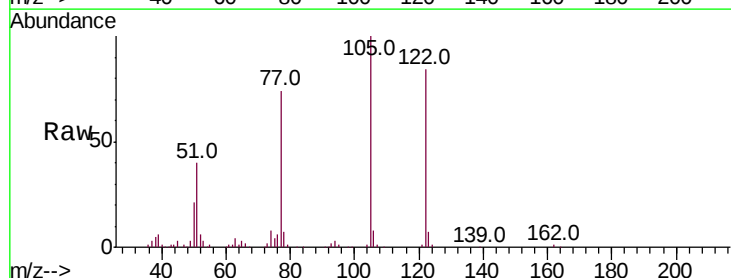


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

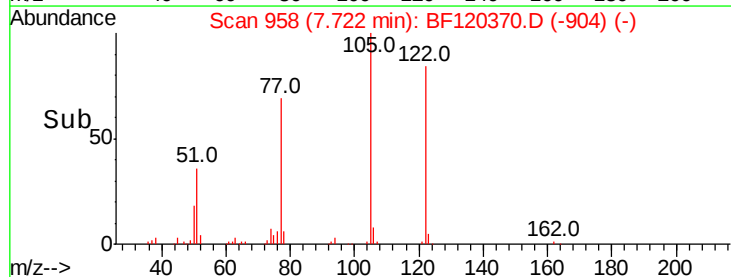
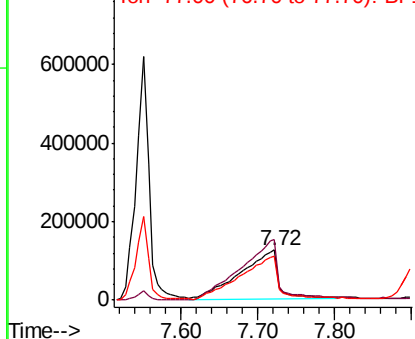


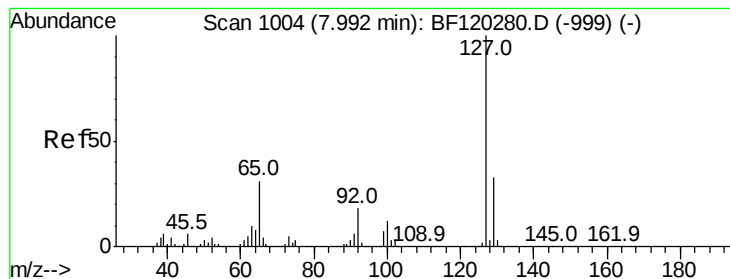
#32
Benzoic acid
Concen: 46.871 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.02 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion:122 Resp: 426161
Ion Ratio Lower Upper
122 100
105 119.3 98.1 138.1
77 87.7 66.7 106.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 31.989 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

Tot Ion:127 Resp: 713660

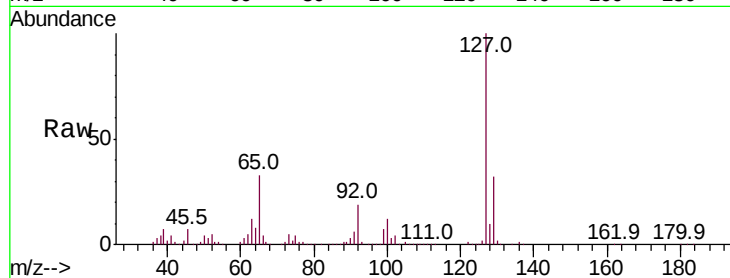
Ion Ratio Lower Upper

127 100

129 32.2 26.4 39.6

65 32.8 24.8 37.2

92 18.9 14.5 21.7

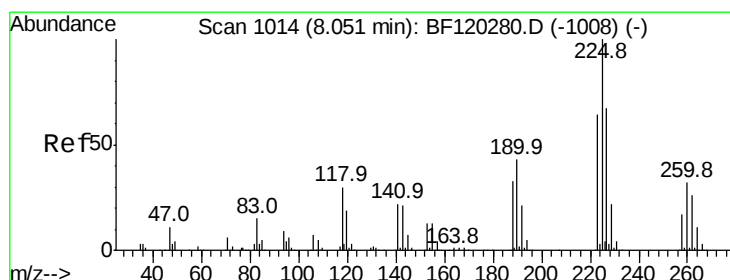
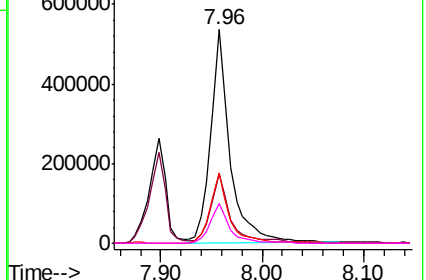
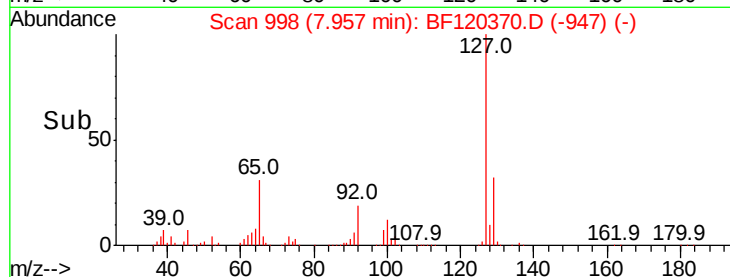


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 43.830 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

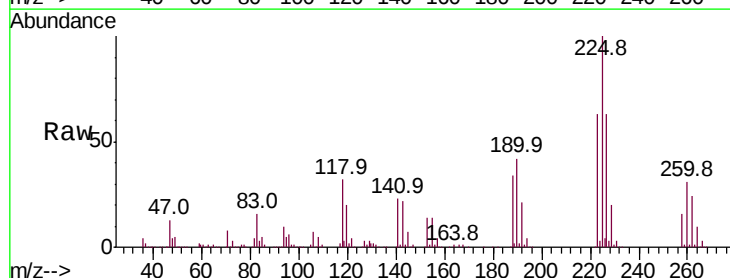
Tgt Ion:225 Resp: 399949

Ion Ratio Lower Upper

225 100

223 63.3 51.4 77.0

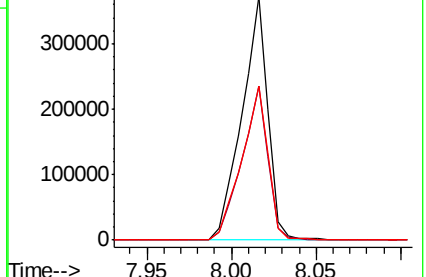
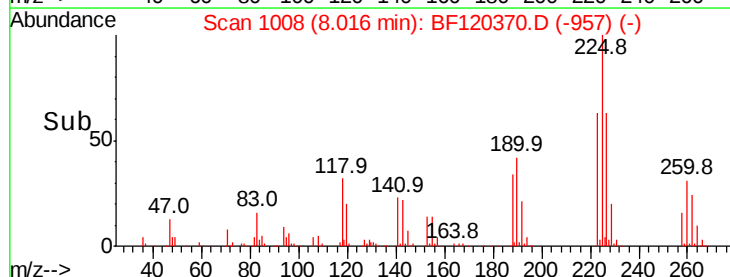
227 63.1 54.0 81.0

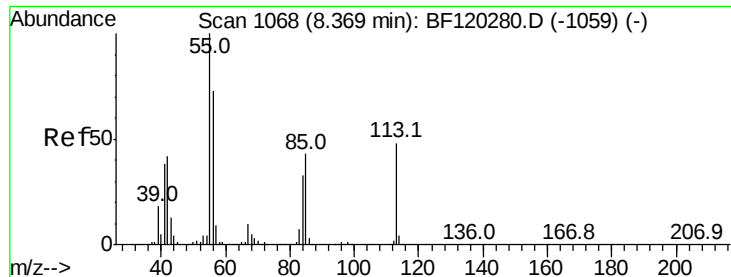


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

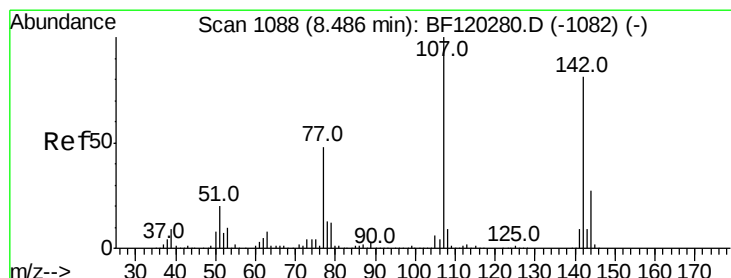
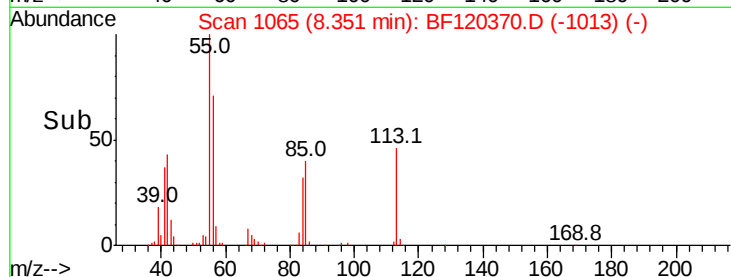
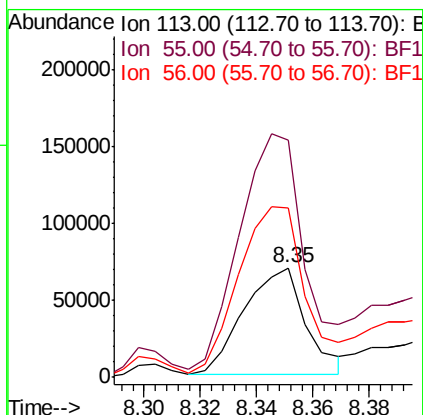
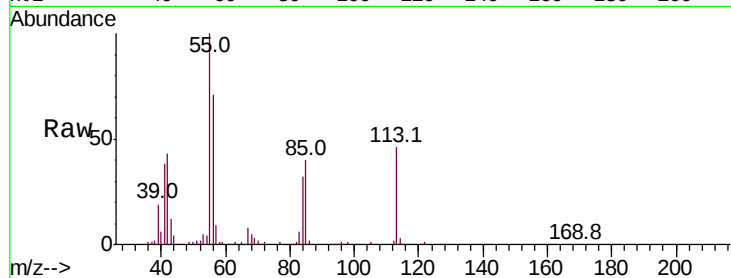




#35
 Caprolactam
 Concen: 22.510 ng
 RT: 8.35 min Scan# 1065
 Delta R.T. 0.01 min
 Lab File: BF120370.D
 Acq: 20 May 2020 15:31

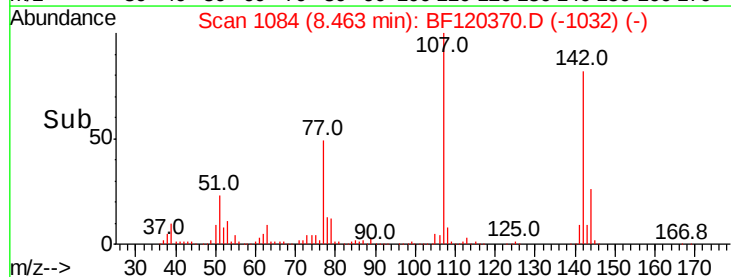
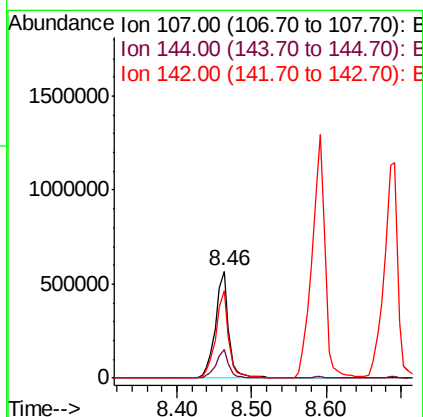
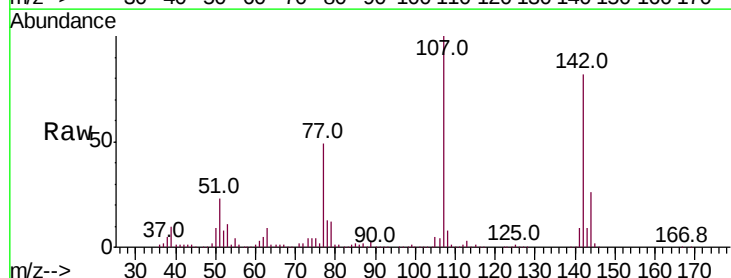
Instrument :
 BNA_M
 ClientSampleId :
 PB129015BS

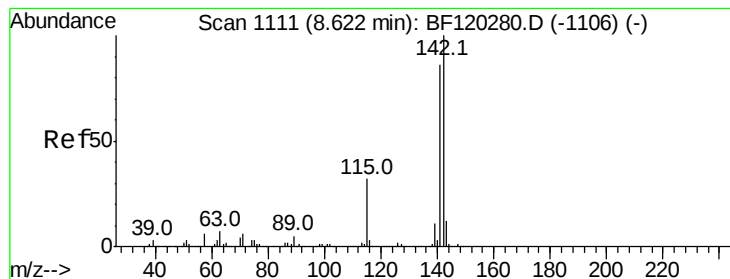
Tot Ion:113 Resp: 104913
 Ion Ratio Lower Upper
 113 100
 55 216.4 190.4 230.4
 56 154.1 132.7 172.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.811 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF120370.D
 Acq: 20 May 2020 15:31

Tgt Ion:107 Resp: 706016
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.4 32.2
 142 81.7 65.1 97.7





#37

2-Methylnaphthalene

Concen: 46.270 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

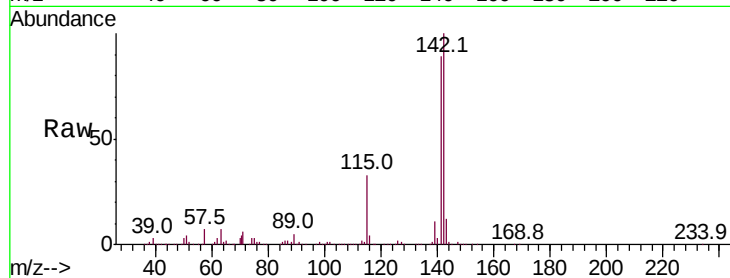
Tot Ion:142 Resp: 1550070

Ion Ratio Lower Upper

142 100

141 88.7 68.8 103.2

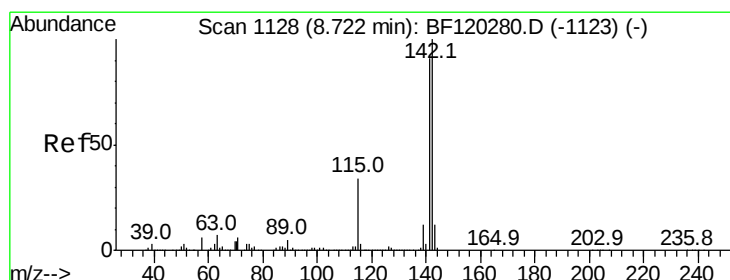
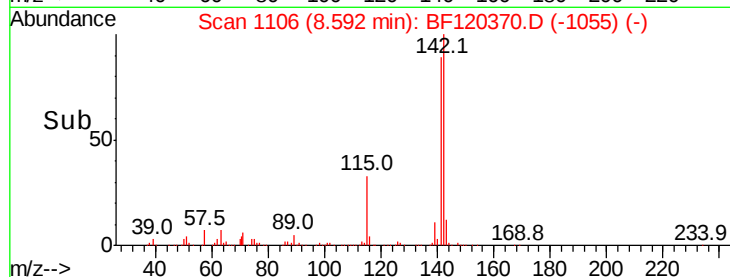
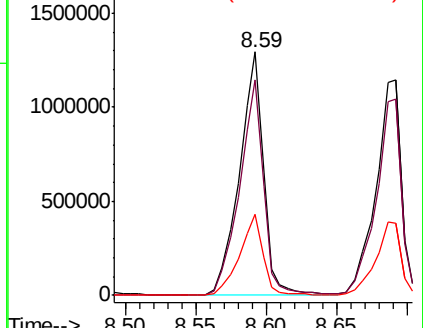
115 33.4 25.7 38.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.763 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

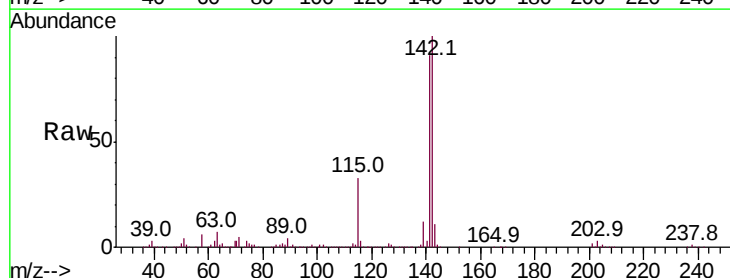
Tgt Ion:142 Resp: 1486908

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.6

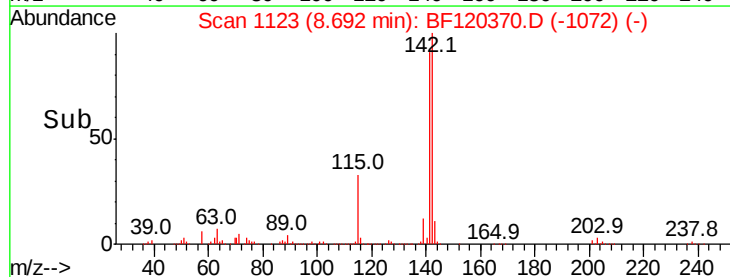
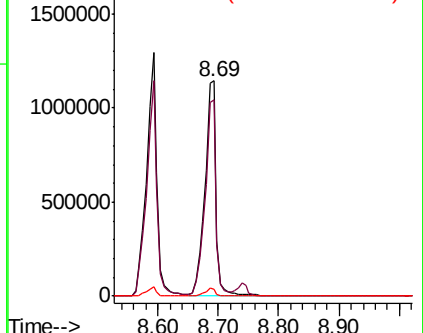
116 3.3 2.7 4.1

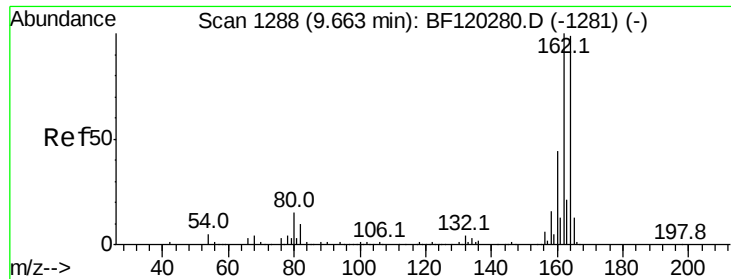


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

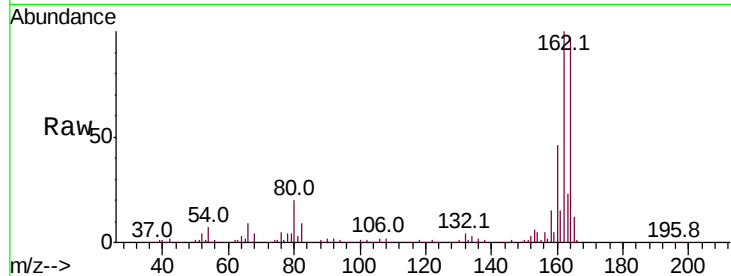
Tot Ion:164 Resp: 577867

Ion Ratio Lower Upper

164 100

162 102.6 81.2 121.8

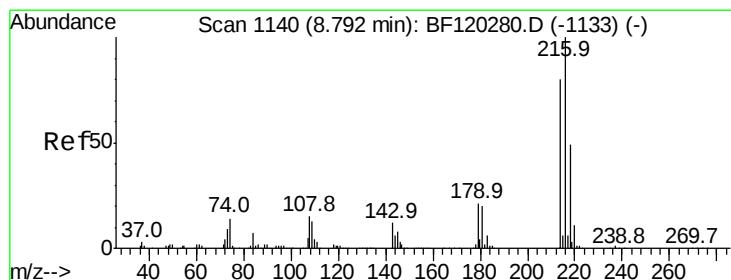
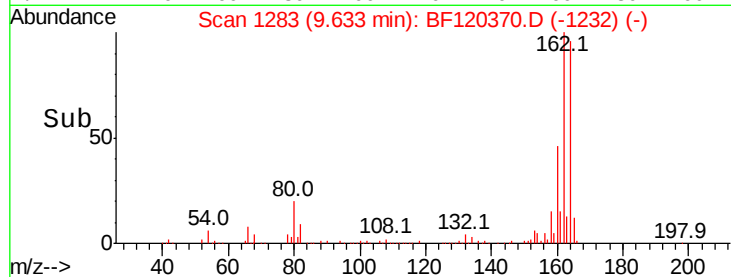
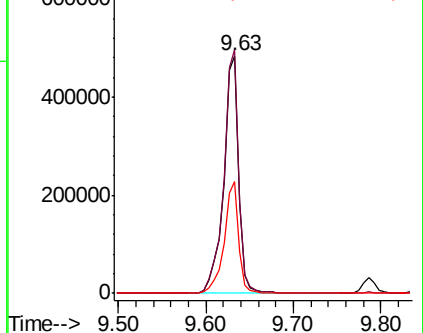
160 47.2 35.8 53.6



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: 47.089 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Tgt Ion:216 Resp: 686134

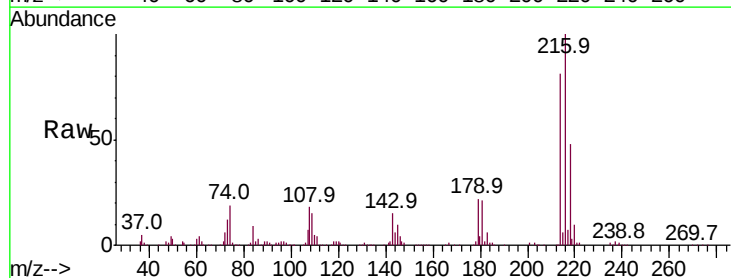
Ion Ratio Lower Upper

216 100

214 79.4 64.0 96.0

179 21.1 16.9 25.3

108 18.9 14.2 21.2

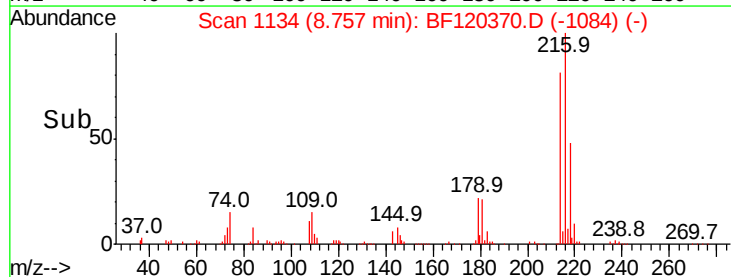
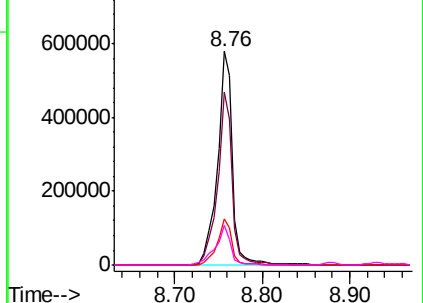


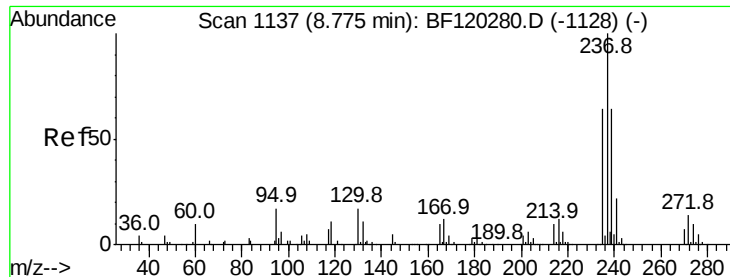
Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.618 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

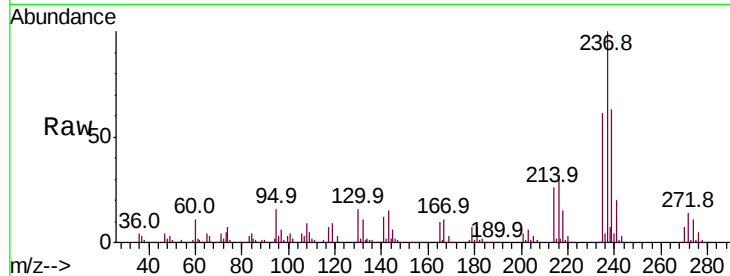
Tot Ion:237 Resp: 570101

Ion Ratio Lower Upper

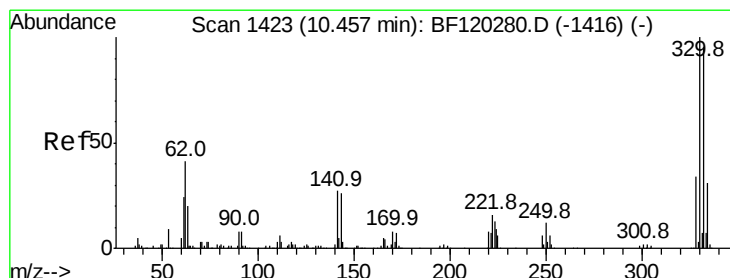
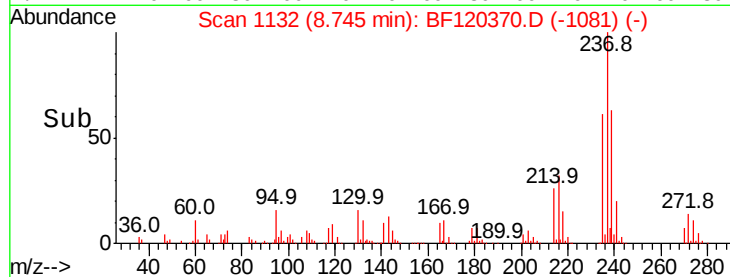
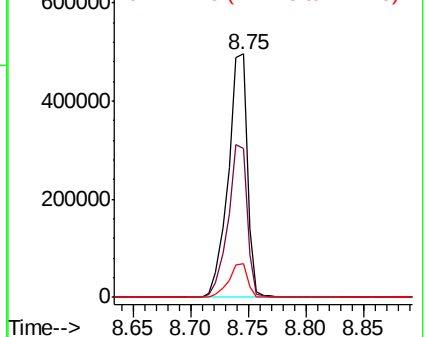
237 100

235 61.1 43.8 83.8

272 13.8 0.0 33.9



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: 130.409 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

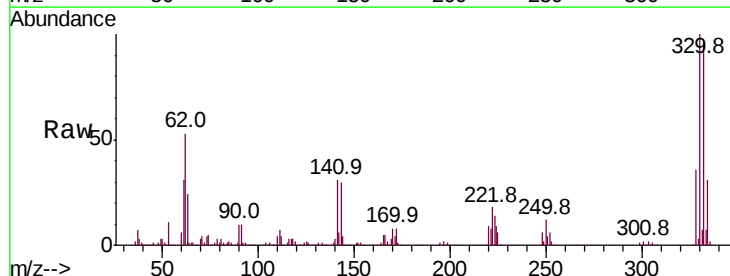
Tgt Ion:330 Resp: 614439

Ion Ratio Lower Upper

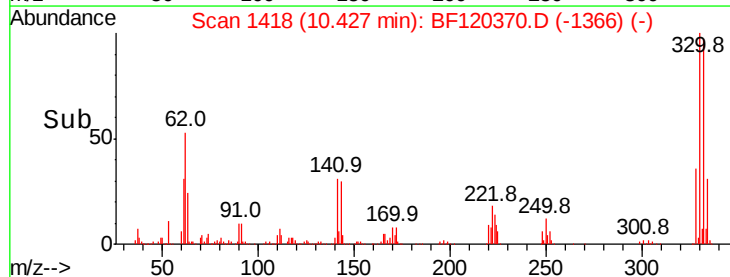
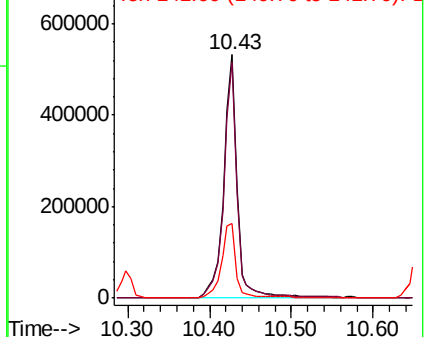
330 100

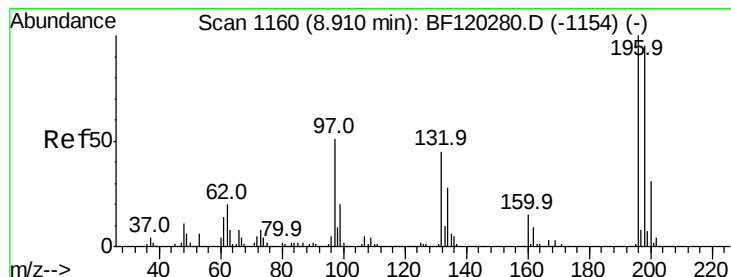
332 96.3 76.5 114.7

141 32.5 25.4 38.0



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

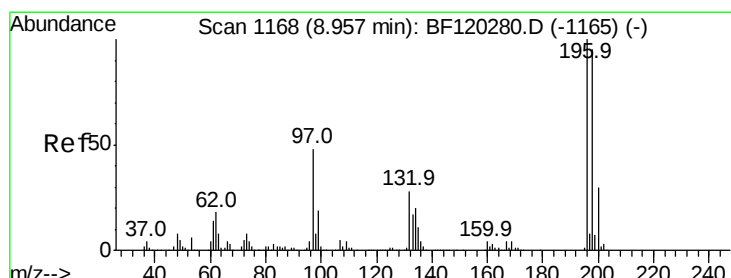
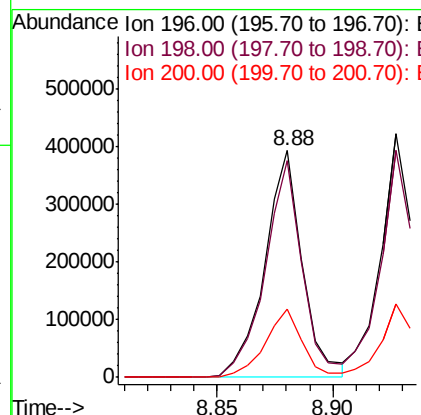
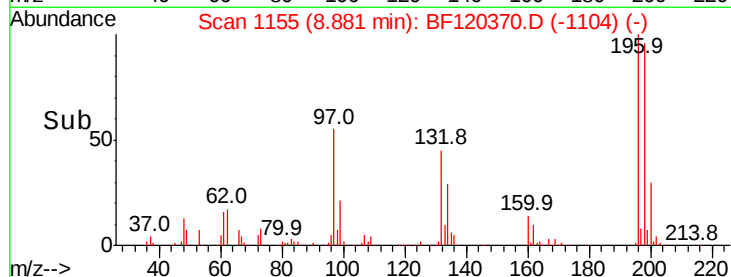
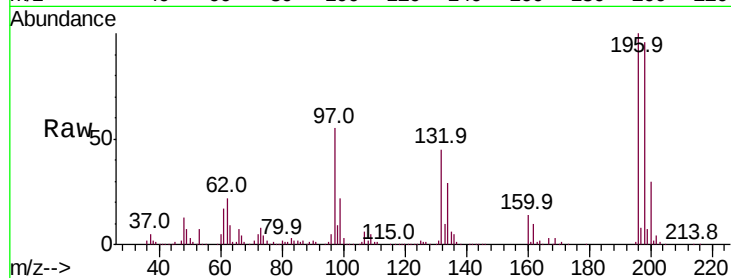




#43
 2,4,6-Trichlorophenol
 Concen: 45.656 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF120370.D
 Acq: 20 May 2020 15:31

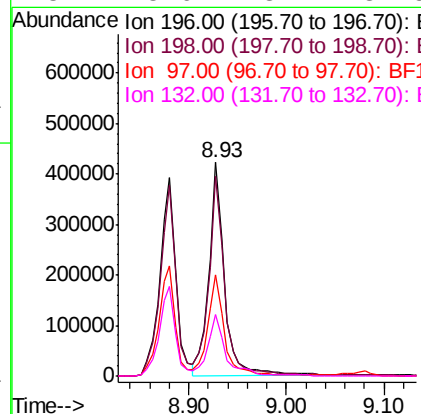
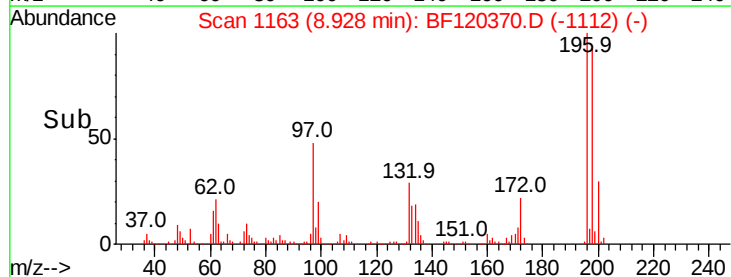
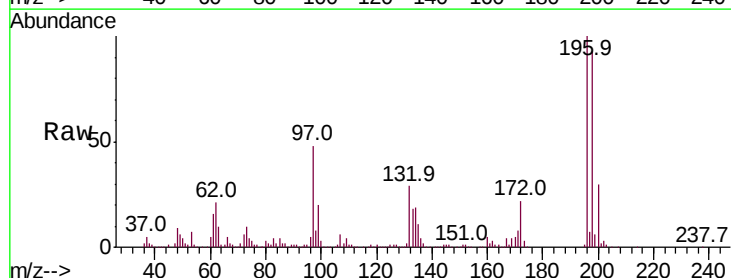
Instrument :
 BNA_M
 ClientSampleID :
 PB129015BS

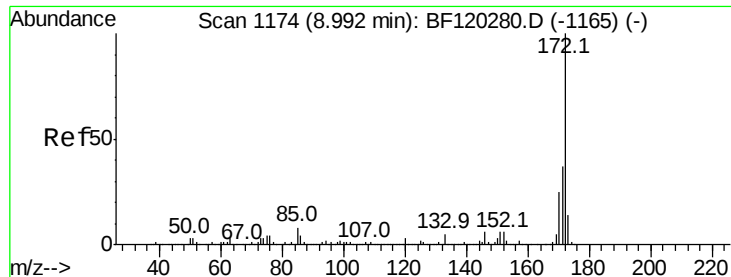
Tot Ion:196	Resp:	446552	
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.2	114.4
200	30.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.491 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF120370.D
 Acq: 20 May 2020 15:31

Tgt	Ion:196	Resp:	466051
Ion	Ratio	Lower	Upper
196	100		
198	93.2	76.2	114.4
97	47.6	38.6	57.8
132	28.6	23.2	34.8





#45

2-Fluorobiphenyl

Concen: 105.879 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

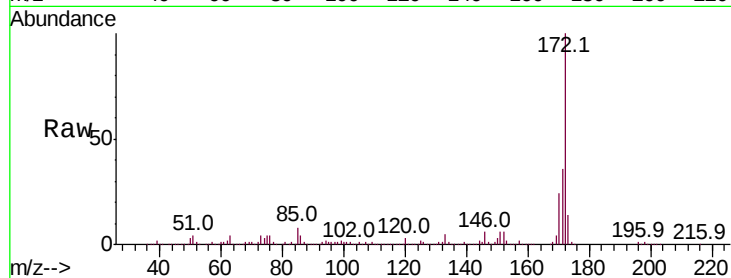
Tot Ion:172 Resp: 2978078

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

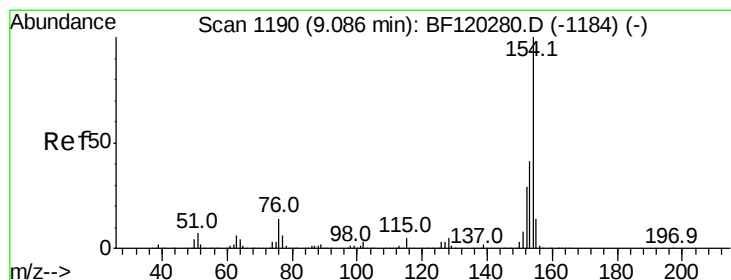
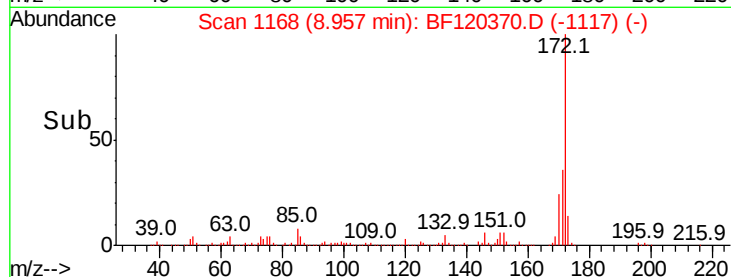
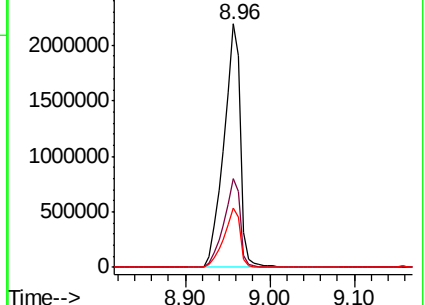
170 24.4 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 48.830 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

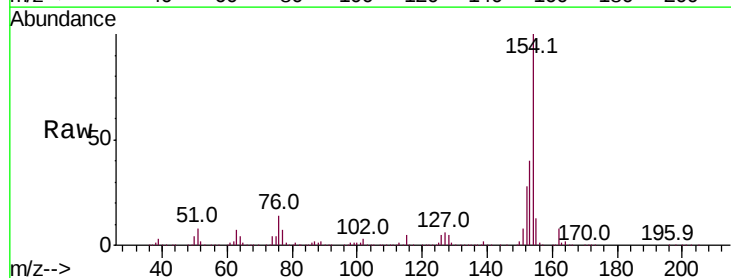
Tgt Ion:154 Resp: 1848831

Ion Ratio Lower Upper

154 100

153 40.2 20.8 60.8

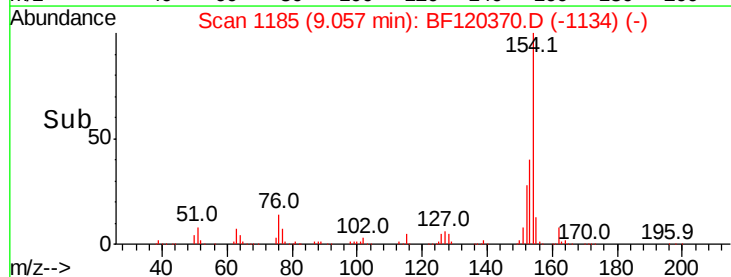
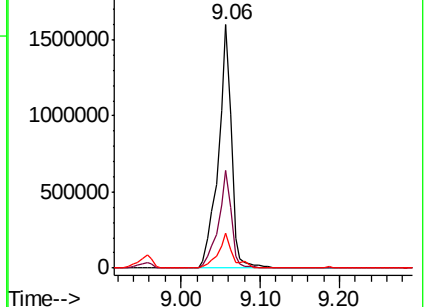
76 14.2 0.0 34.3

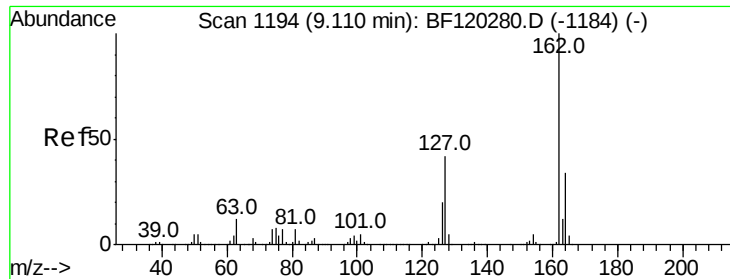


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 45.626 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

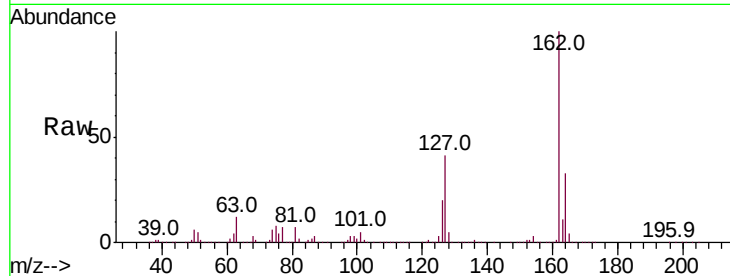
Tot Ion:162 Resp: 1385715

Ion Ratio Lower Upper

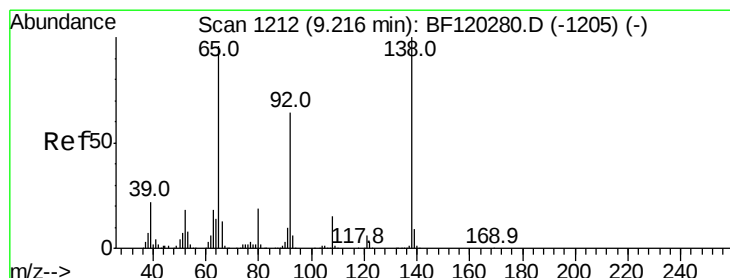
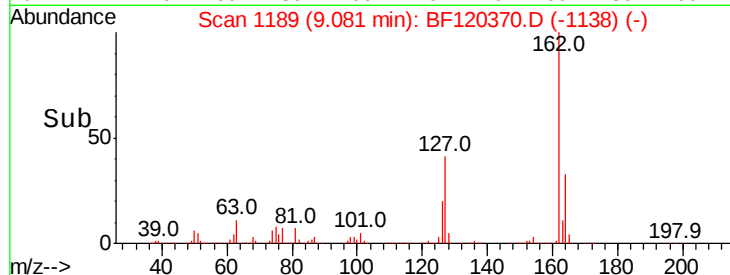
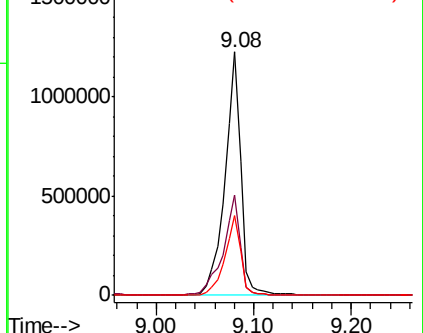
162 100

127 41.1 33.4 50.0

164 33.0 27.0 40.6



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: 45.496 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

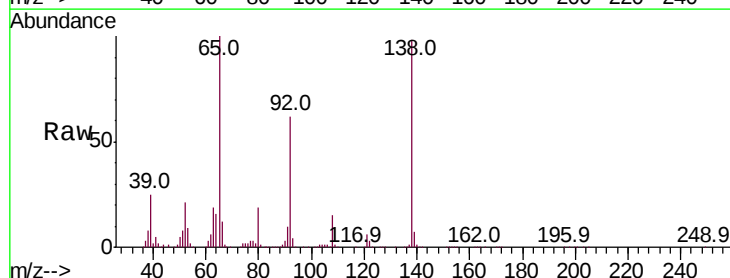
Tgt Ion: 65 Resp: 504162

Ion Ratio Lower Upper

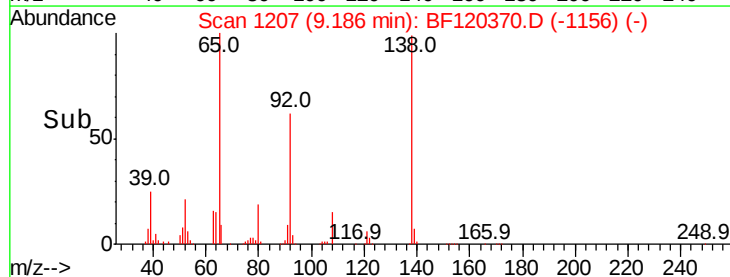
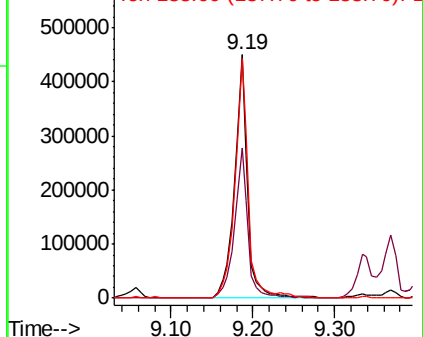
65 100

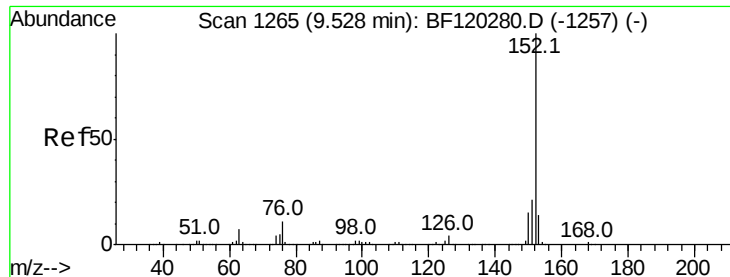
92 61.9 52.9 79.3

138 98.4 83.0 124.4



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: 46.905 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

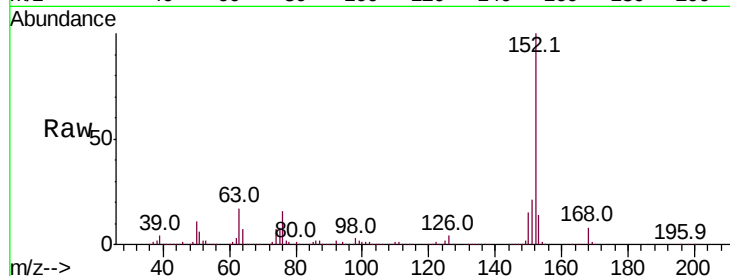
Tot Ion:152 Resp: 2176106

Ion Ratio Lower Upper

152 100

151 20.7 16.6 25.0

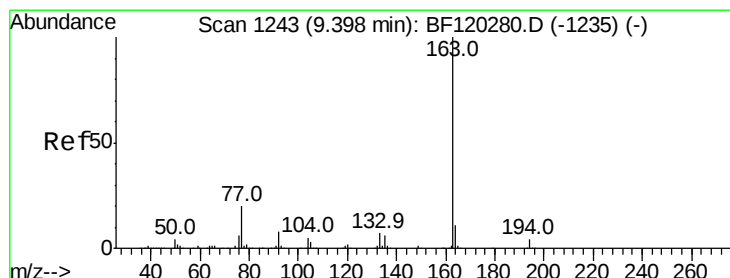
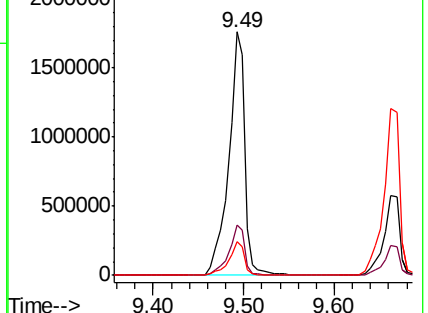
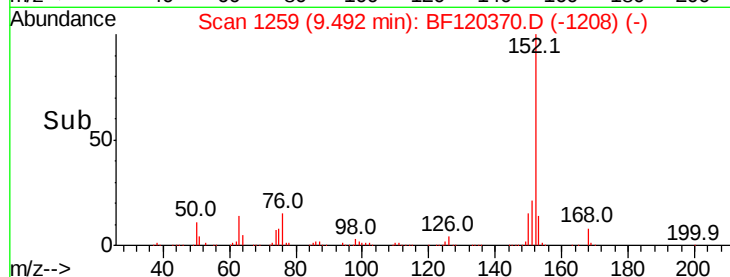
153 13.8 11.1 16.7



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: 43.905 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

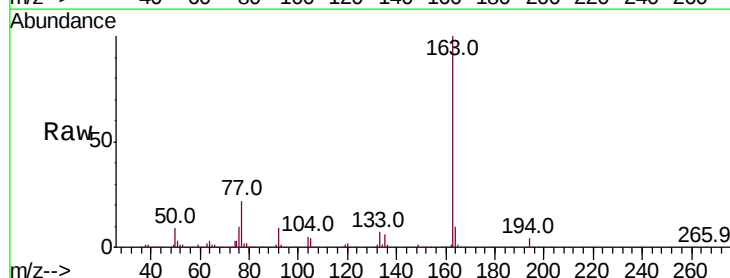
Tgt Ion:163 Resp: 1603836

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

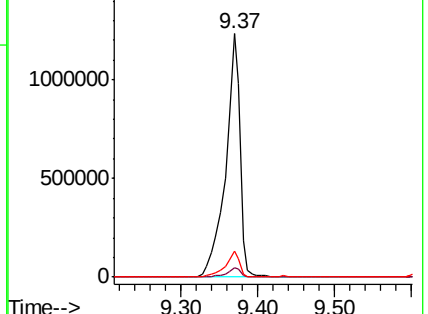
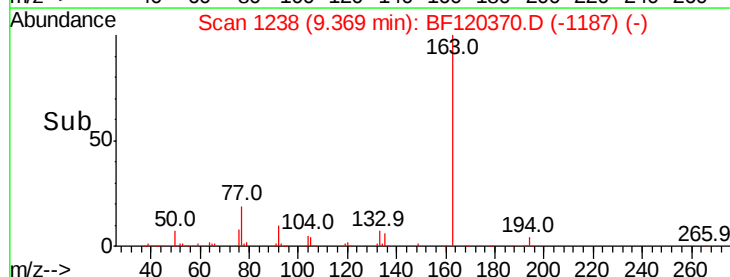
164 10.4 8.6 12.8

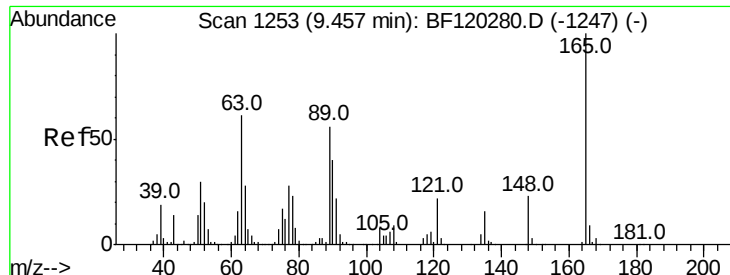


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.288 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

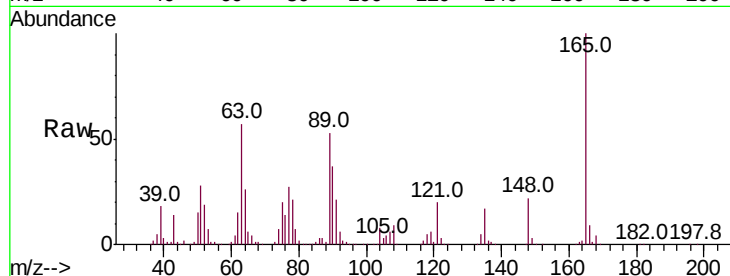
Tot Ion:165 Resp: 352931

Ion Ratio Lower Upper

165 100

63 57.1 50.2 75.2

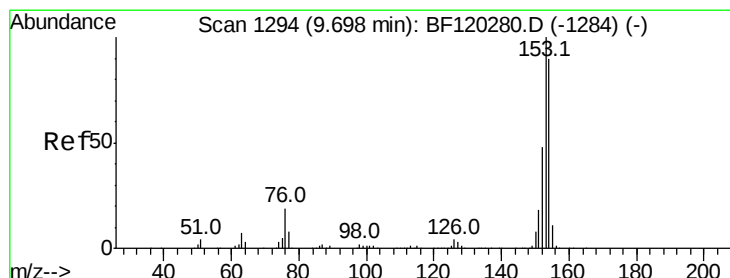
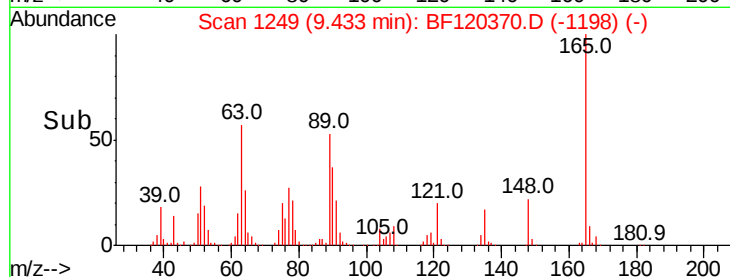
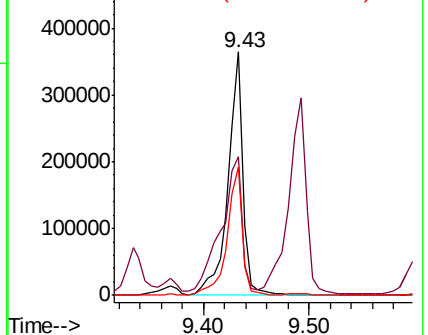
89 52.6 44.6 66.8



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: 46.288 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

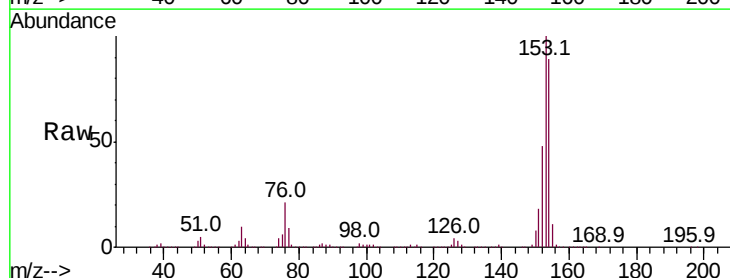
Tgt Ion:154 Resp: 1287199

Ion Ratio Lower Upper

154 100

153 112.7 89.0 133.4

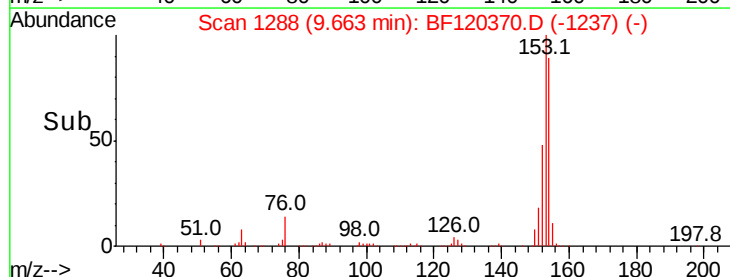
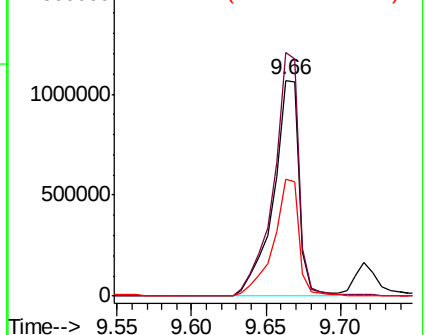
152 53.9 42.6 64.0

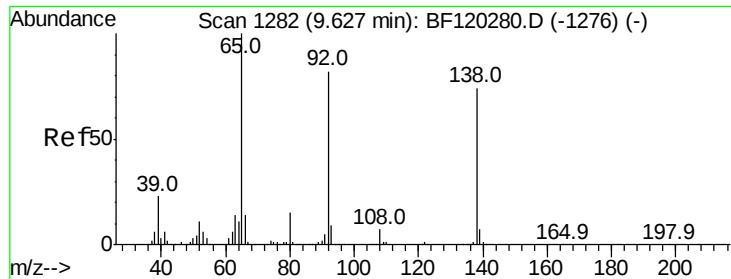


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

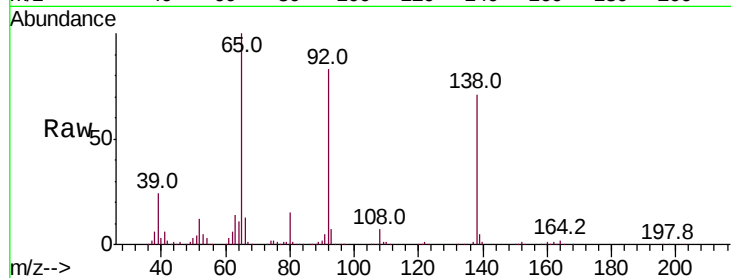




#53
3-Nitroaniline
Concen: 29.285 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Instrument :
BNA_M
ClientSampleId :
PB129015BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.2	12.2
92	116.9	89.6	134.4

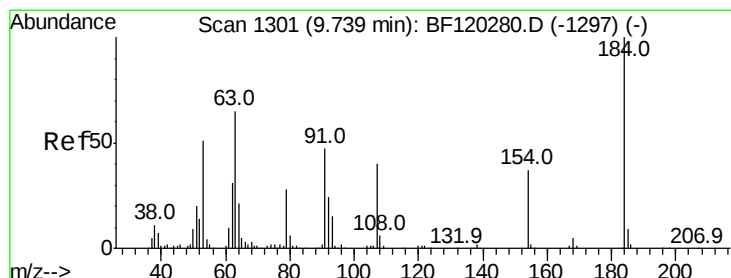
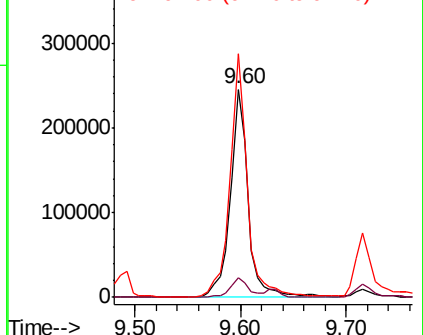
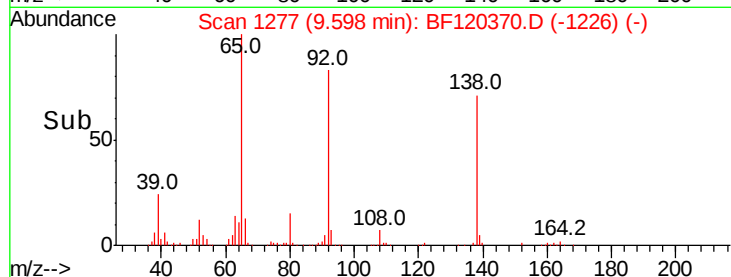


Abundance

Ion 138.00 (137.70 to 138.70): E

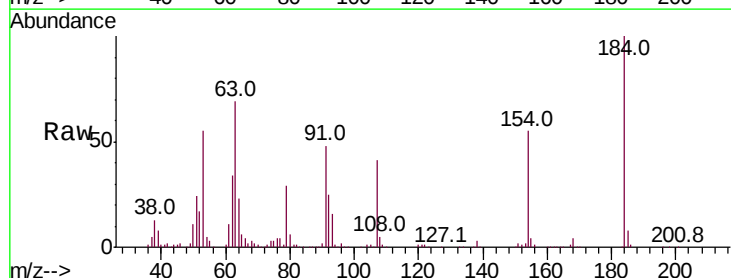
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 89.566 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.3	53.6	80.4
154	55.2	46.8	70.2

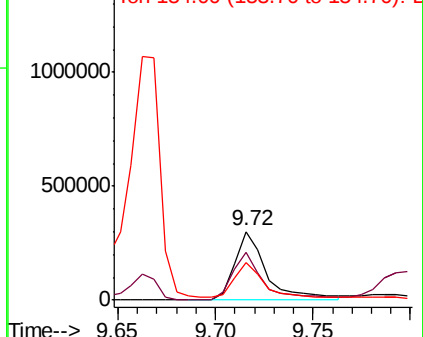
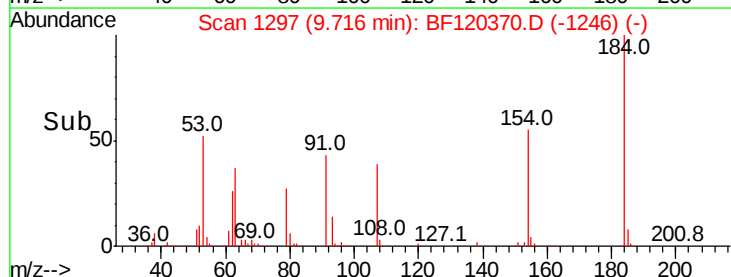


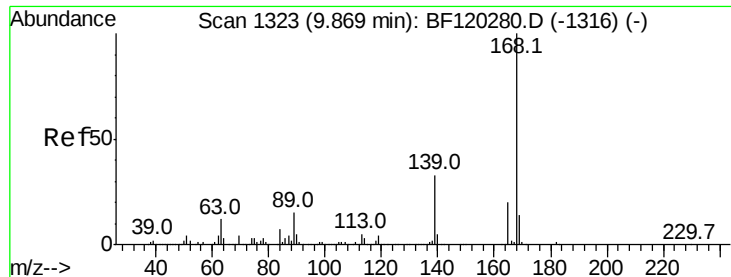
Abundance

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

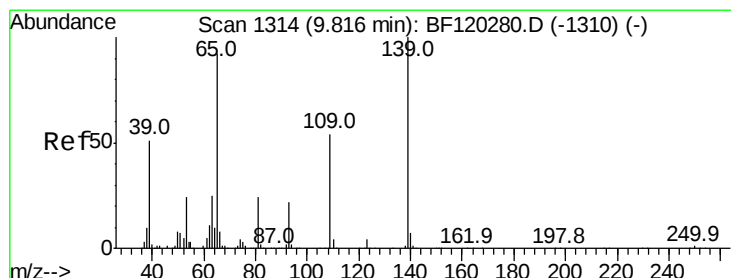
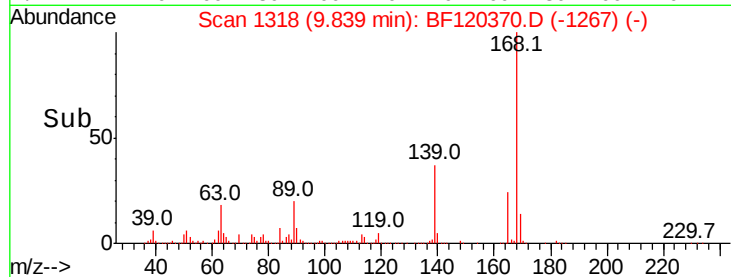
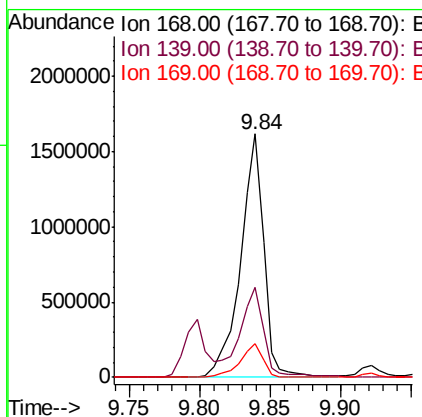
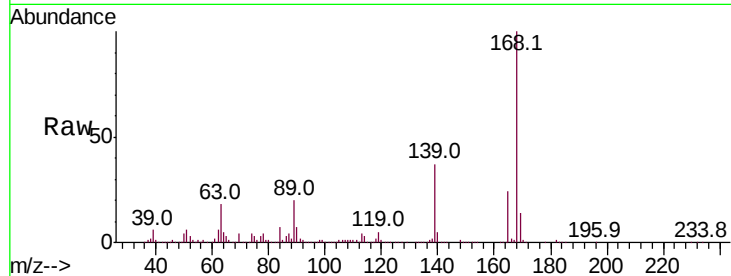




#55
Dibenzofuran
Concen: 46.211 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

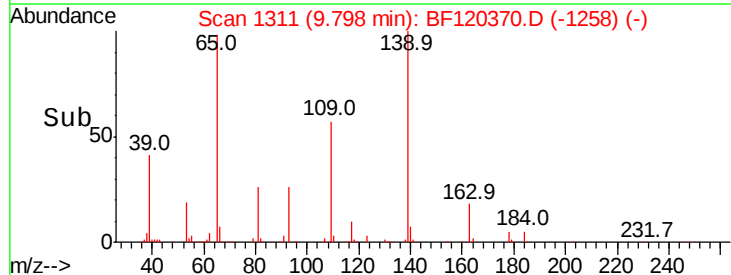
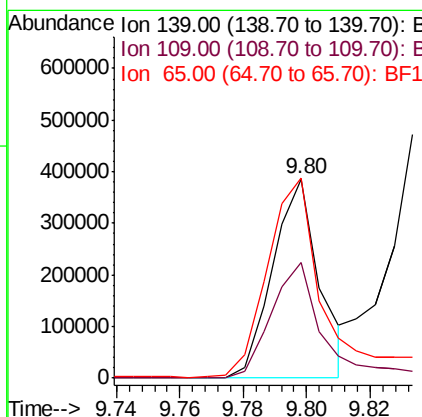
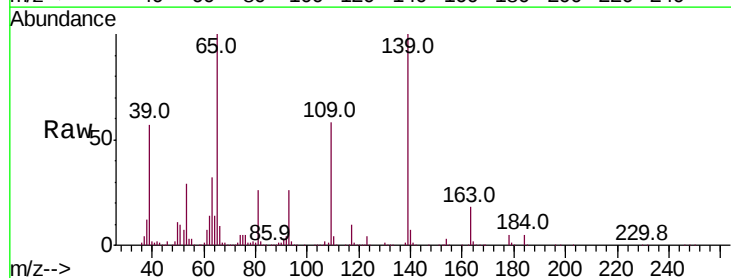
Instrument :
BNA_M
ClientSampleId :
PB129015BS

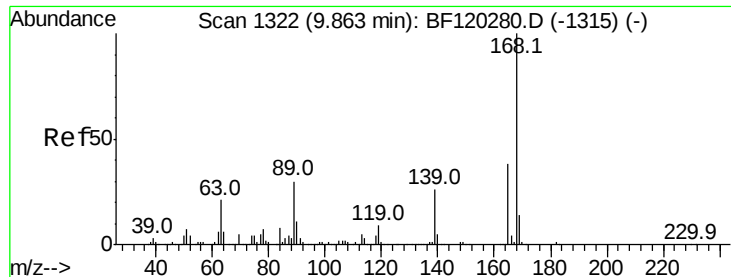
Tot Ion:168 Resp: 1850583
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 75.722 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion:139 Resp: 395586
Ion Ratio Lower Upper
139 100
109 58.1 34.6 74.6
65 100.2 73.3 113.3

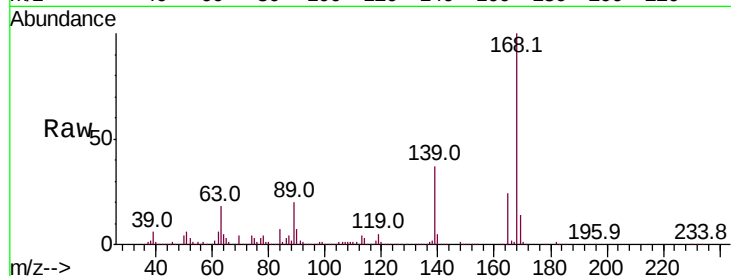




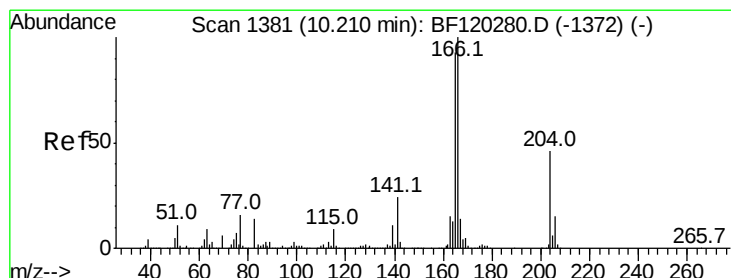
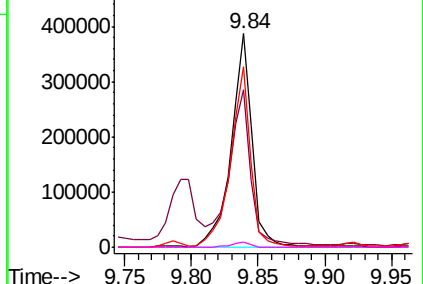
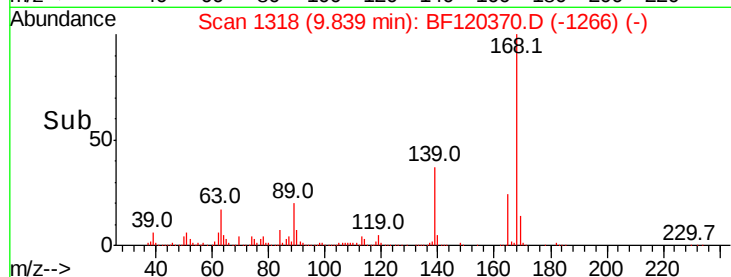
#57
 2,4-Dinitrotoluene
 Concen: 43.994 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF120370.D
 Acq: 20 May 2020 15:31

Instrument :
 BNA_M
 ClientSampleId :
 PB129015BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	73.8	51.8	77.8
89	84.8	64.2	96.4
182	2.3	2.0	3.0

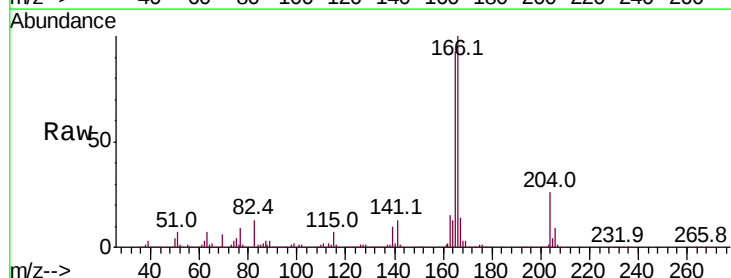


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

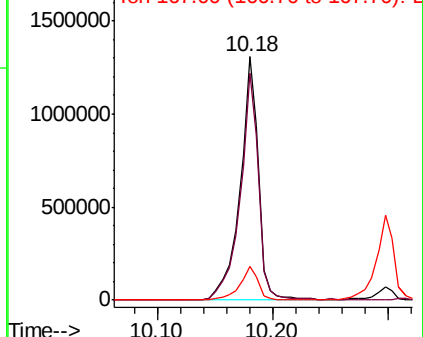
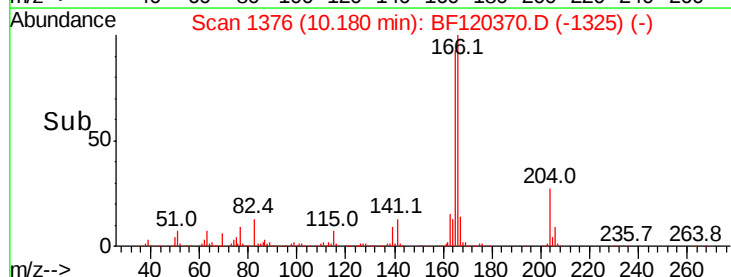


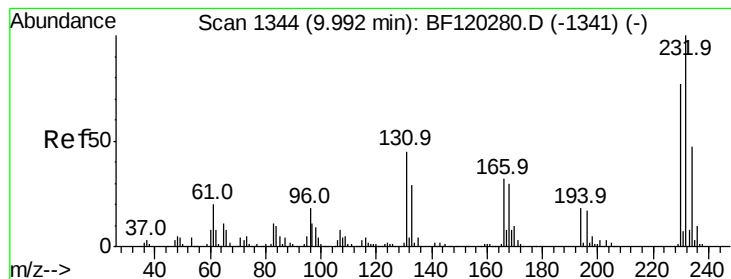
#58
 Fluorene
 Concen: 46.914 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF120370.D
 Acq: 20 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	74.7	112.1
167	13.7	11.4	17.0



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: 43.955 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

Tot Ion:232 Resp: 371557

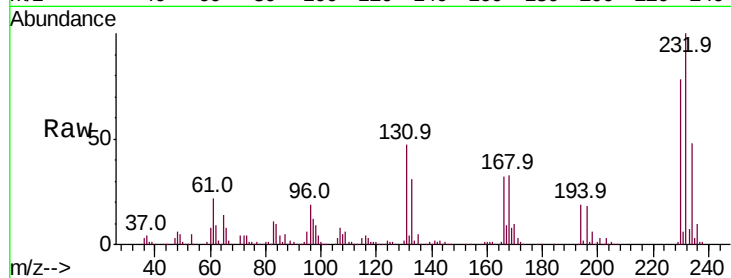
Ion Ratio Lower Upper

232 100

131 44.9 34.1 51.1

130 2.3 1.7 2.5

166 29.5 23.3 34.9

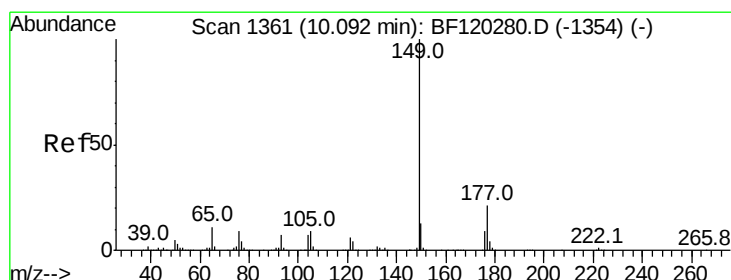
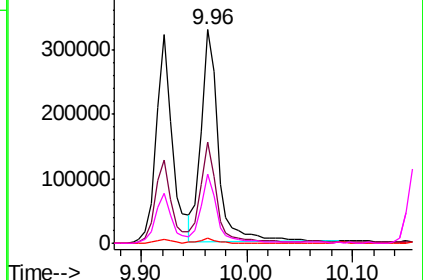
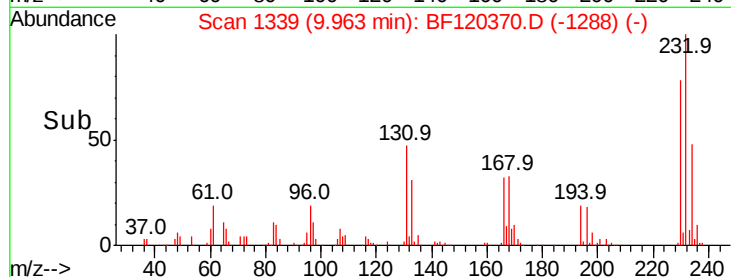


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.243 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

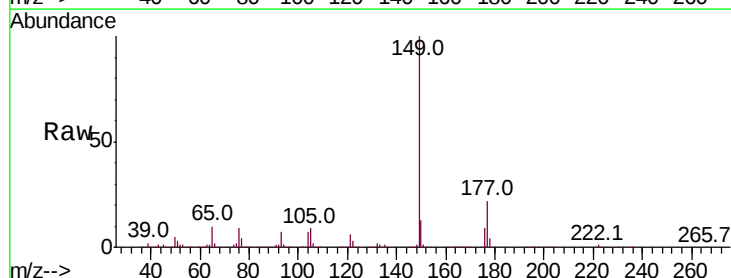
Tgt Ion:149 Resp: 1595570

Ion Ratio Lower Upper

149 100

177 21.6 17.1 25.7

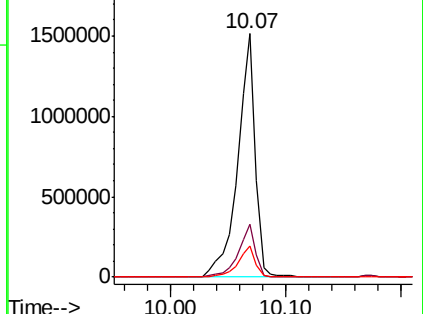
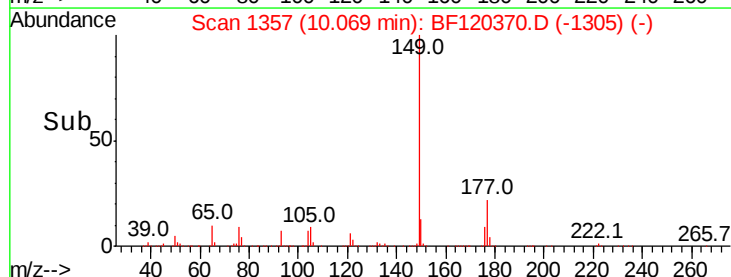
150 12.8 10.3 15.5

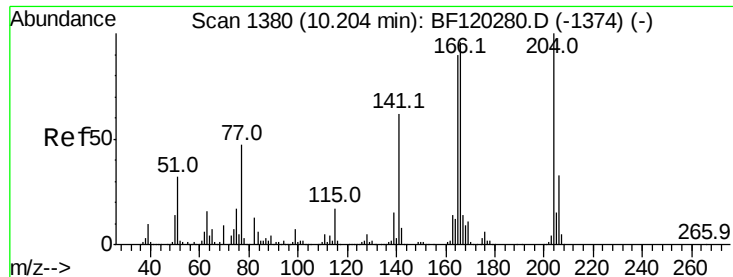


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

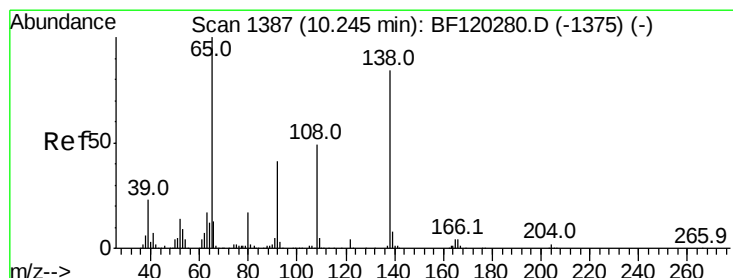
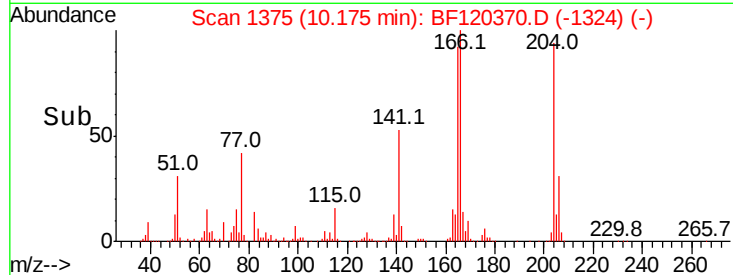
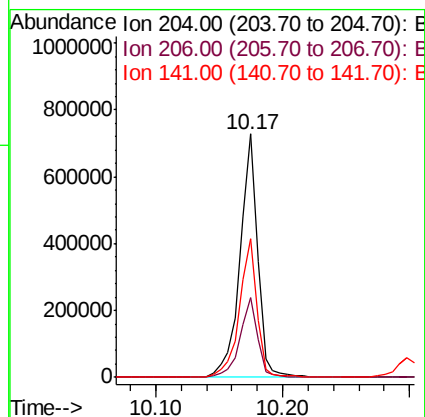
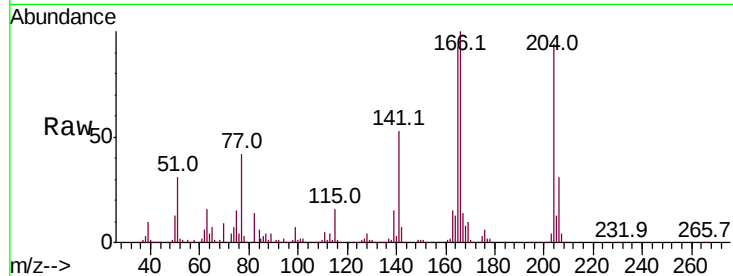




#61
4-Chlorophenyl-phenylether
Concen: 43.951 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

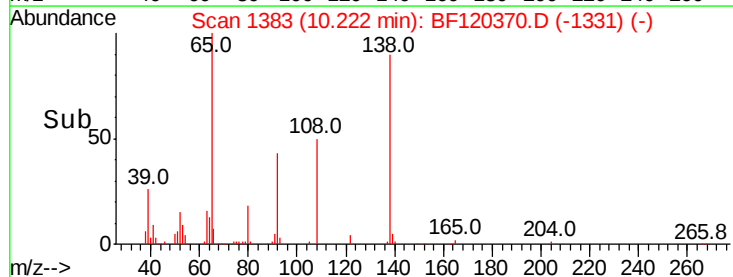
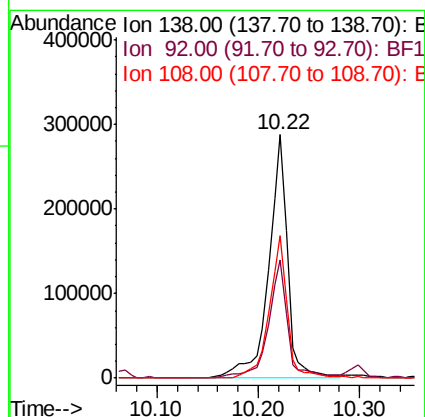
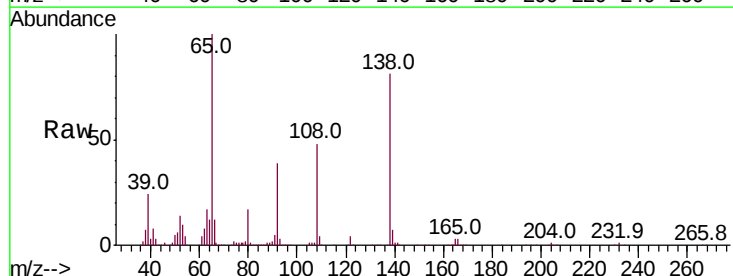
Instrument :
BNA_M
ClientSampleId :
PB129015BS

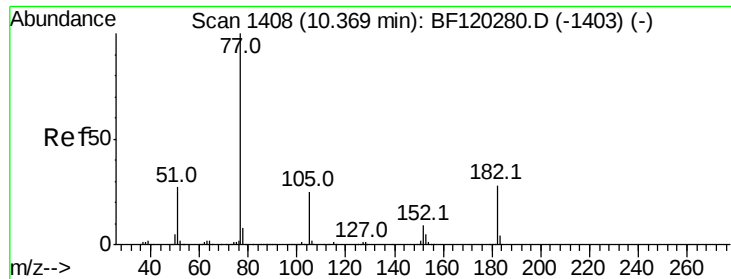
Tot Ion:204 Resp: 696907
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 57.1 49.5 74.3



#62
4-Nitroaniline
Concen: 41.381 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion:138 Resp: 374643
Ion Ratio Lower Upper
138 100
92 48.6 28.9 68.9
108 58.8 38.4 78.4

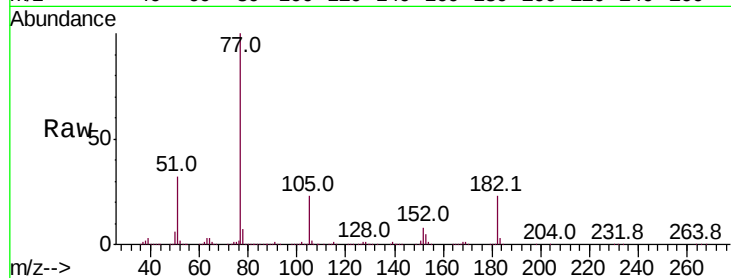




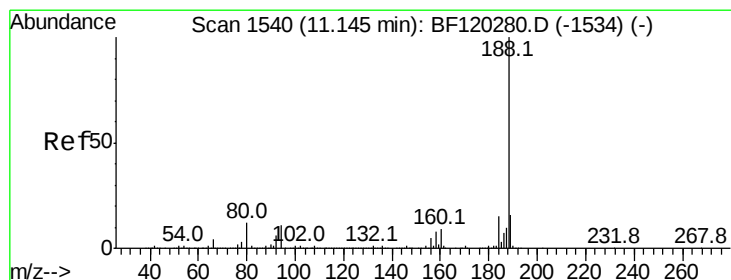
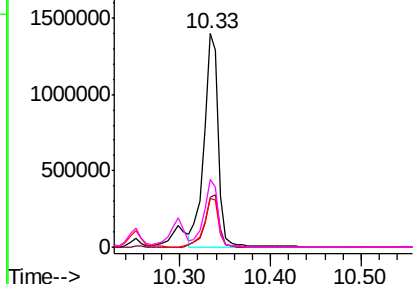
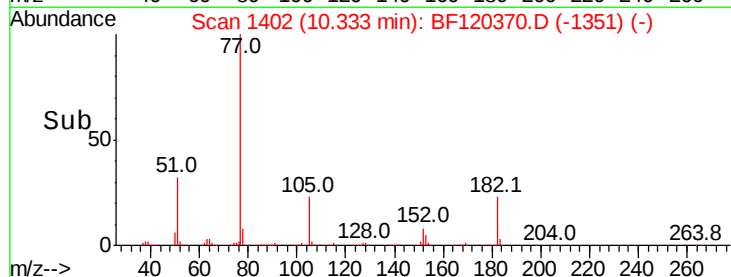
#63
Azobenzene
Concen: 46.862 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Instrument :
BNA_M
ClientSampleId :
PB129015BS

Tot Ion: 77 Resp: 1561957
Ion Ratio Lower Upper
77 100
182 23.3 7.4 47.4
105 22.9 4.4 44.4
51 31.7 8.3 48.3

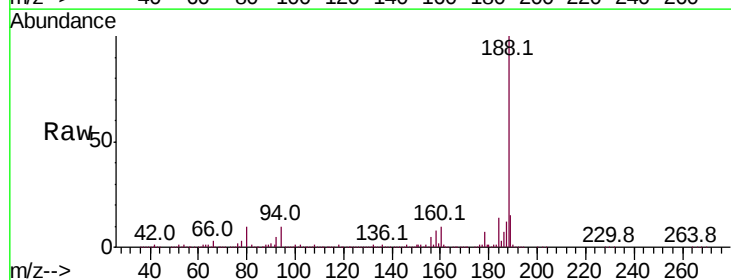


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

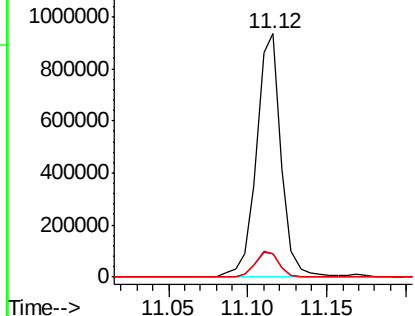
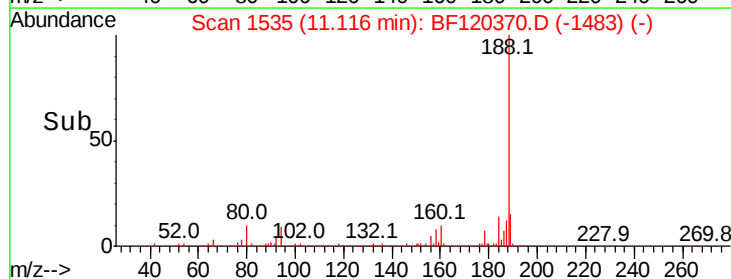


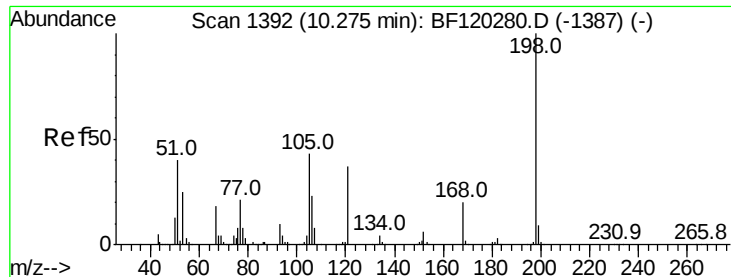
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion: 188 Resp: 1015258
Ion Ratio Lower Upper
188 100
94 9.5 8.6 13.0
80 9.8 9.2 13.8



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

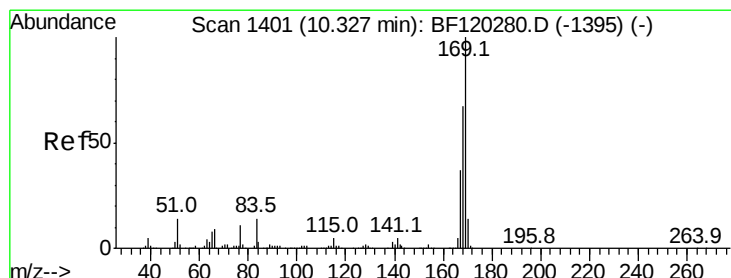
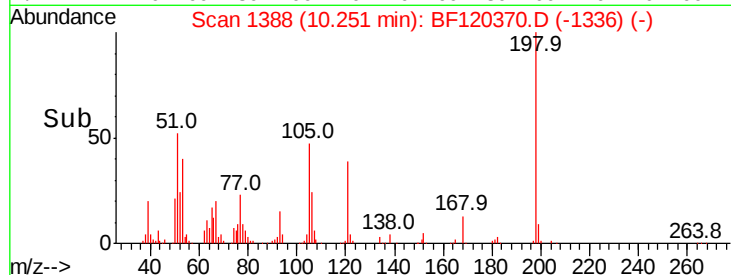
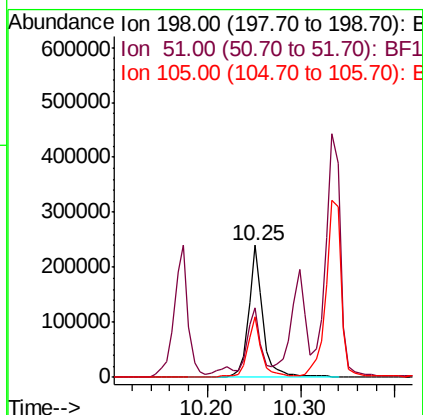
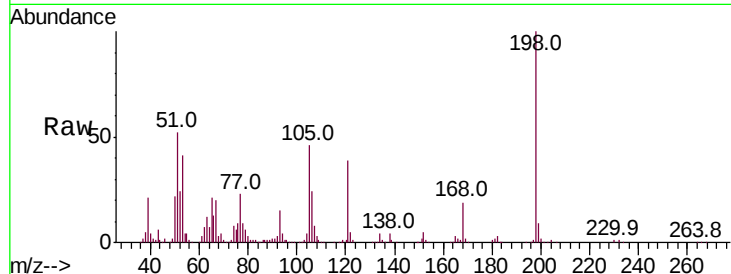




#65
4,6-Dinitro-2-methylphenol
Concen: 49.189 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

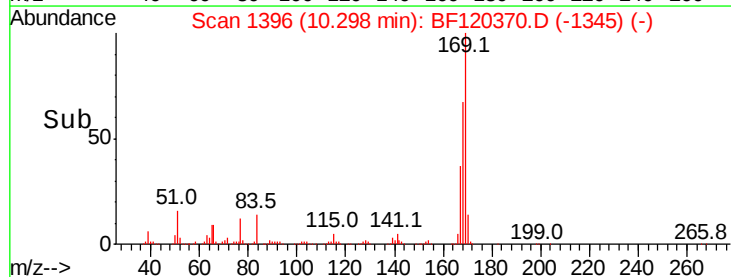
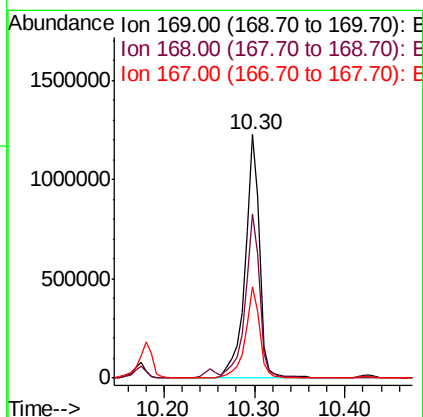
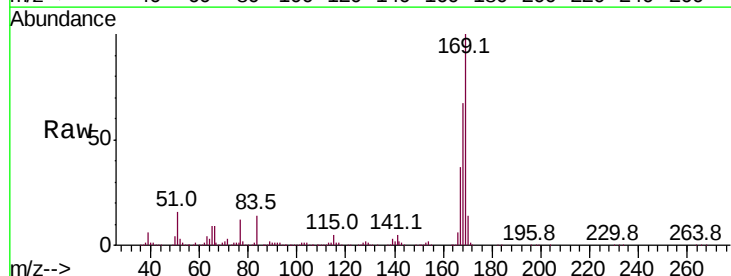
Instrument :
BNA_M
ClientSampleId :
PB129015BS

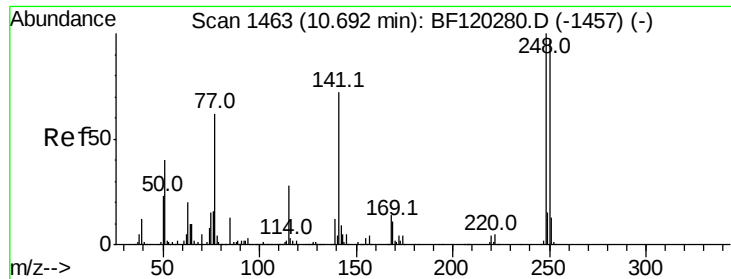
Tot Ion:198 Resp: 252559
Ion Ratio Lower Upper
198 100
51 52.3 27.1 67.1
105 46.4 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 48.235 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion:169 Resp: 1354830
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 37.3 29.8 44.6

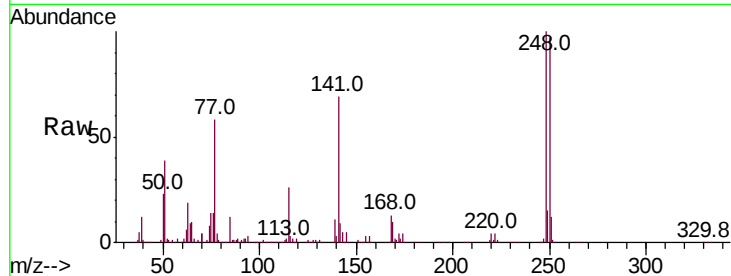




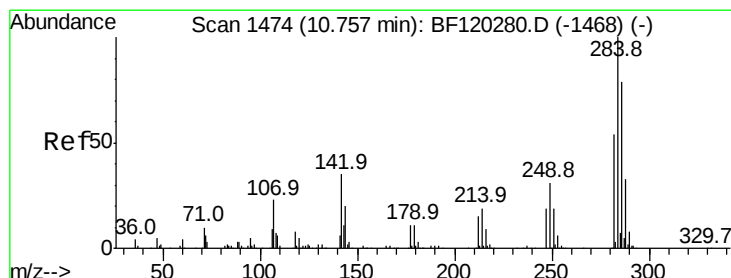
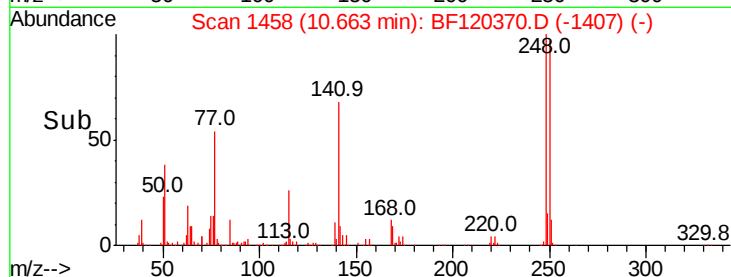
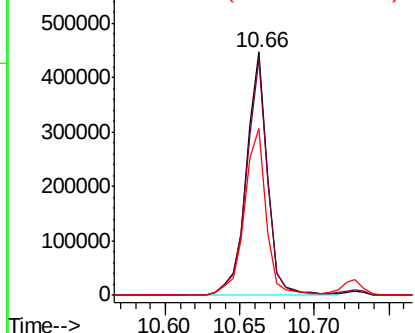
#67
4-Bromophenyl-phenylether
Concen: 44.517 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Instrument :
BNA_M
ClientSampleId :
PB129015BS

Tot Ion:248 Resp: 438573
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.6
141 68.6 57.7 86.5

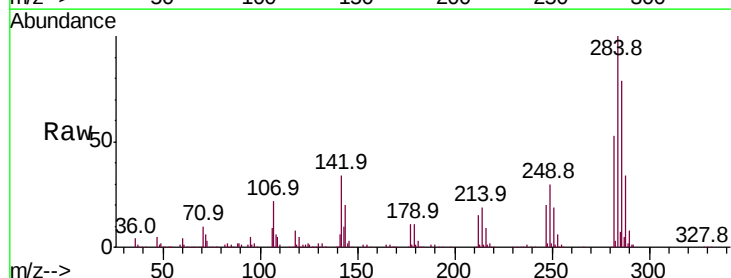


Abundance Ion 248.00 (247.70 to 248.70): E
600000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

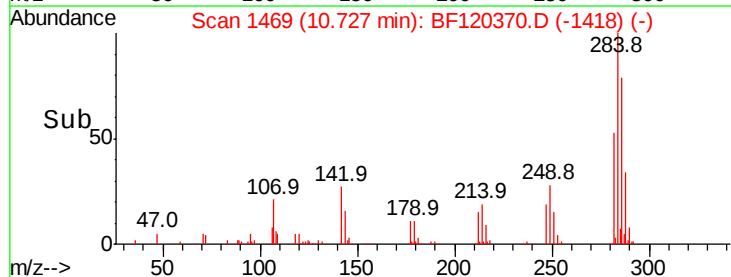
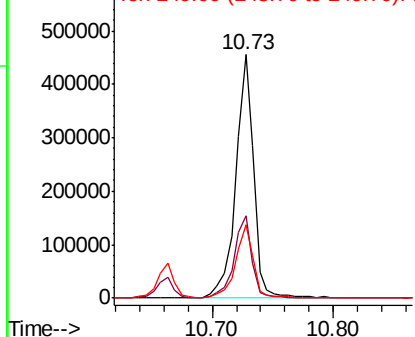


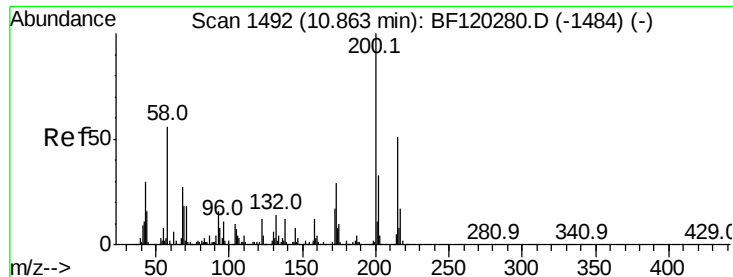
#68
Hexachlorobenzene
Concen: 45.708 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion:284 Resp: 471101
Ion Ratio Lower Upper
284 100
142 34.0 28.5 42.7
249 30.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
600000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.559 ng

RT: 10.83 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

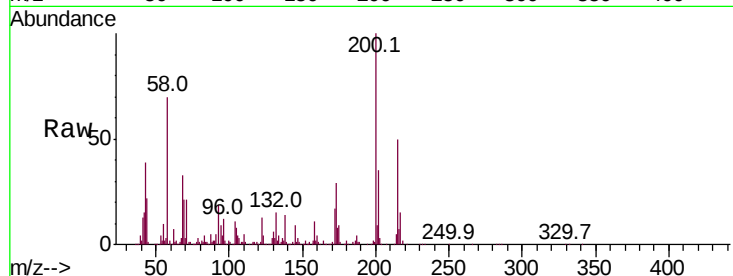
Tot Ion:200 Resp: 357693

Ion Ratio Lower Upper

200 100

173 28.8 8.7 48.7

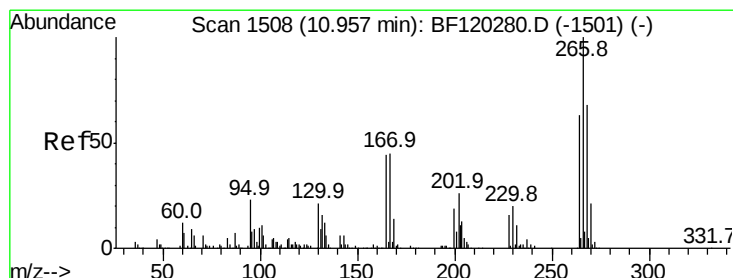
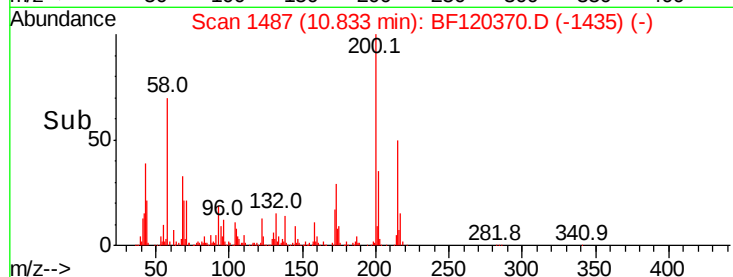
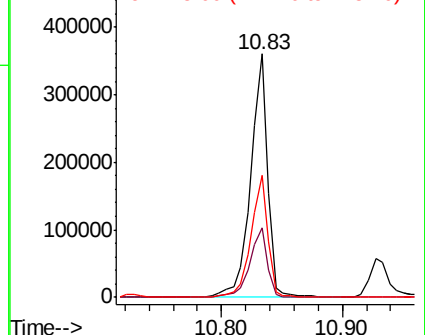
215 50.2 30.6 70.6



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: 85.883 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

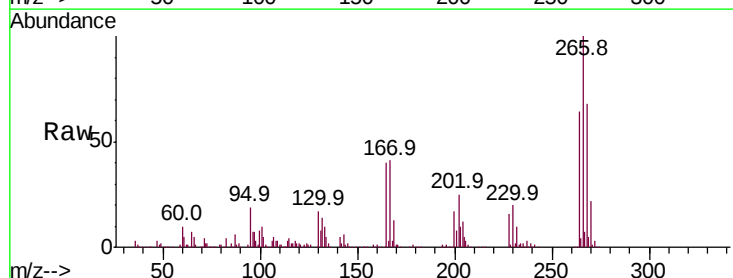
Tgt Ion:266 Resp: 376473

Ion Ratio Lower Upper

266 100

268 68.0 54.2 81.4

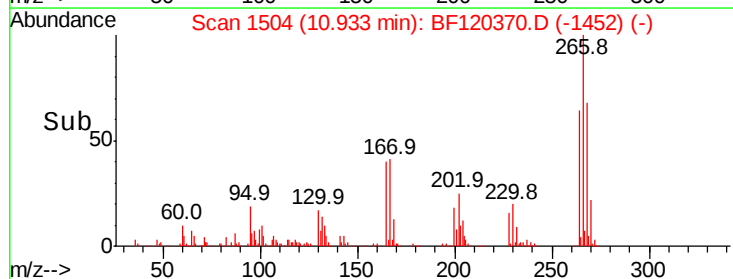
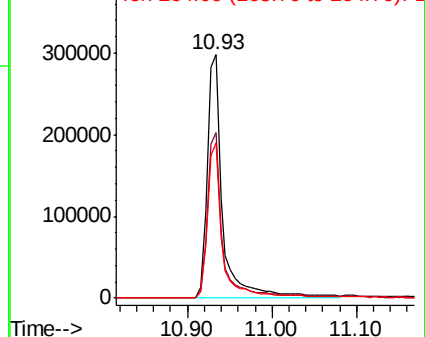
264 63.6 50.2 75.4

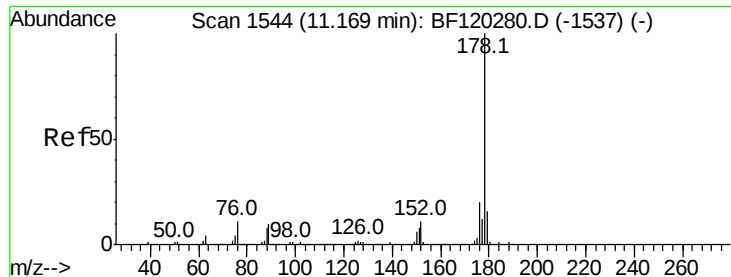


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

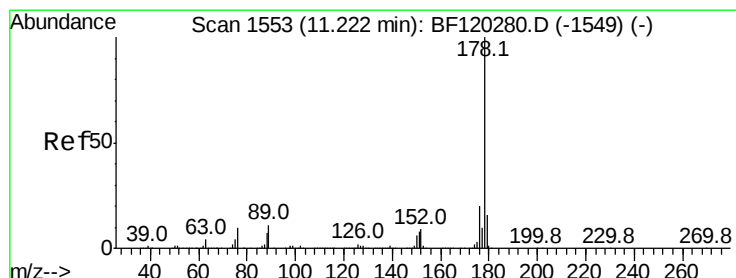
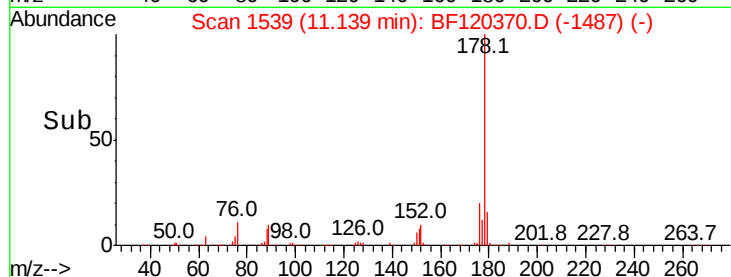
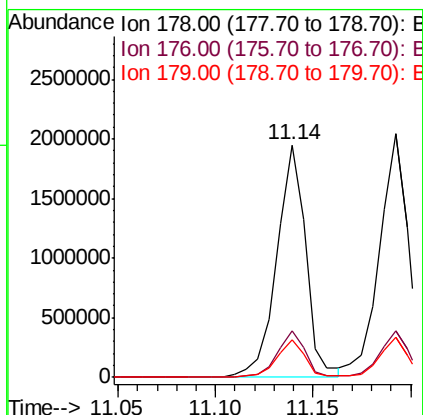
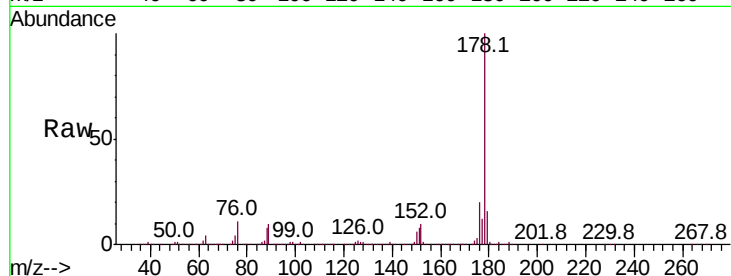




#71
Phenanthrene
Concen: 47.250 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

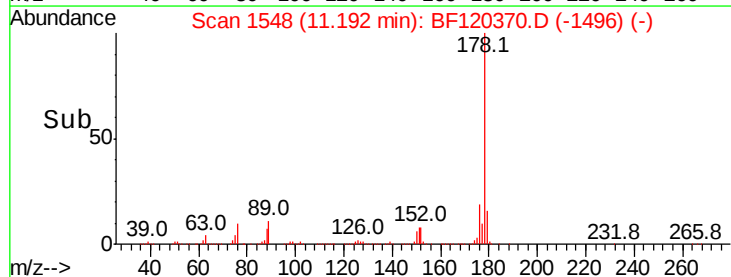
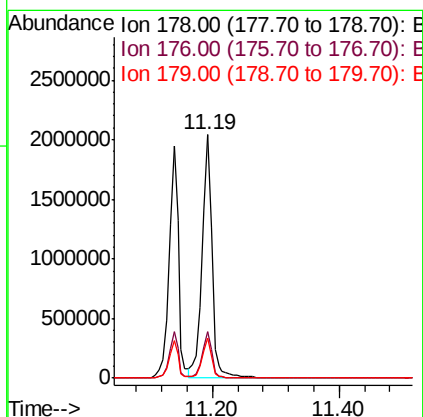
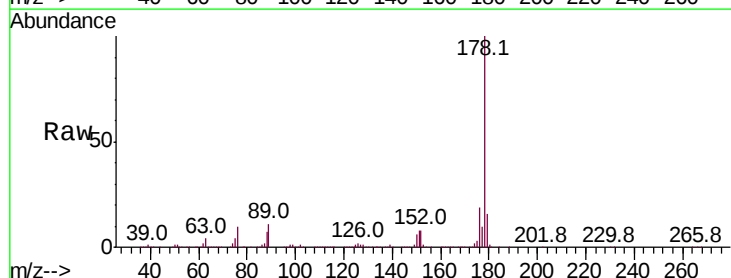
Instrument :
BNA_M
ClientSampleId :
PB129015BS

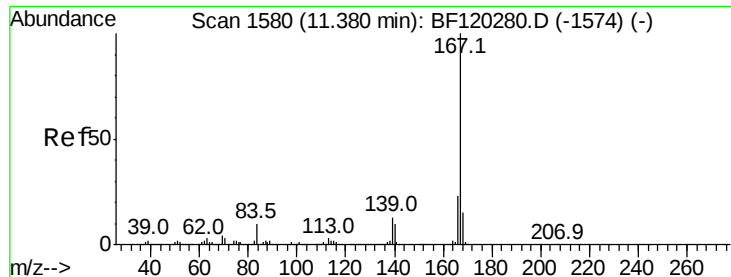
Tot Ion:178 Resp: 2015731
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 16.1 12.8 19.2



#72
Anthracene
Concen: 47.874 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion:178 Resp: 2186433
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 16.2 13.0 19.6





#73

Carbazole

Concen: 45.601 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

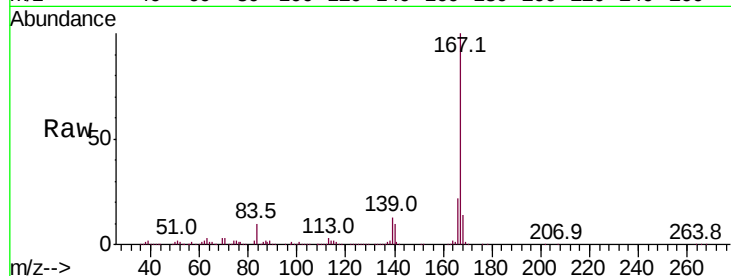
BNA_M

ClientSampleId :

PB129015BS

Tot Ion:167 Resp: 1945887

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.0	10.6	15.8

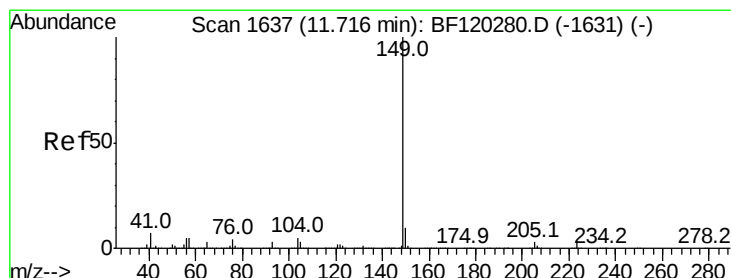
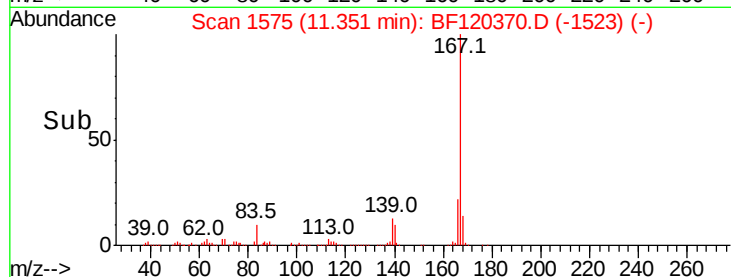
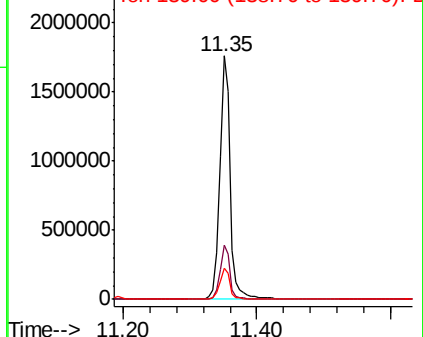


Abundance

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: 47.567 ng

RT: 11.69 min Scan# 1632

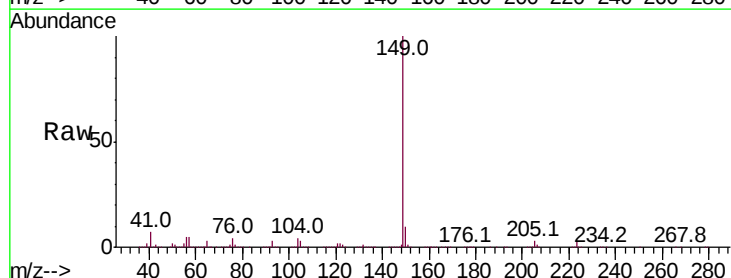
Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Tgt Ion:149 Resp: 2446307

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.4
104	4.5	3.8	5.8

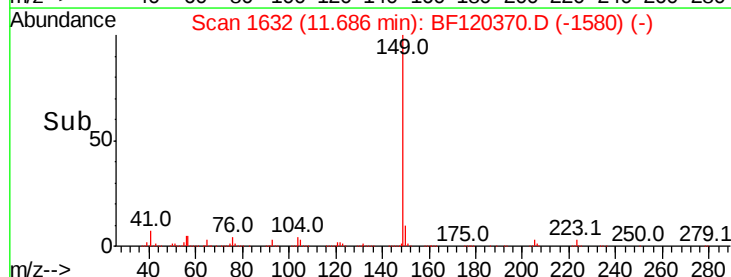
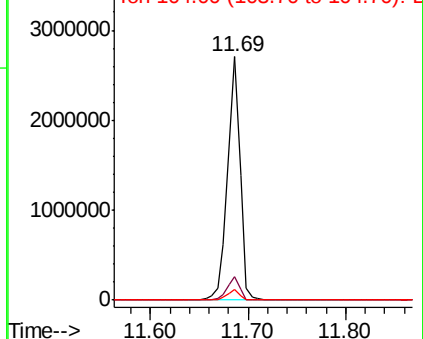


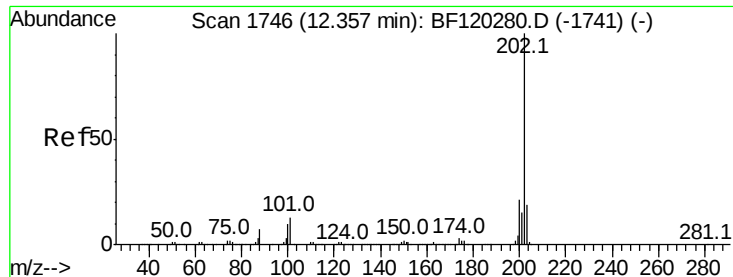
Abundance

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: 46.860 ng

RT: 12.33 min Scan# 1741

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampled :

PB129015BS

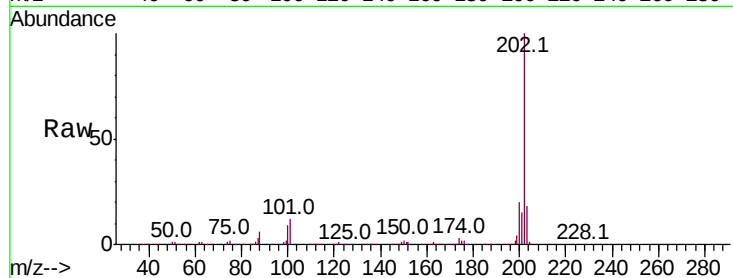
Tot Ion:202 Resp: 2142712

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.2

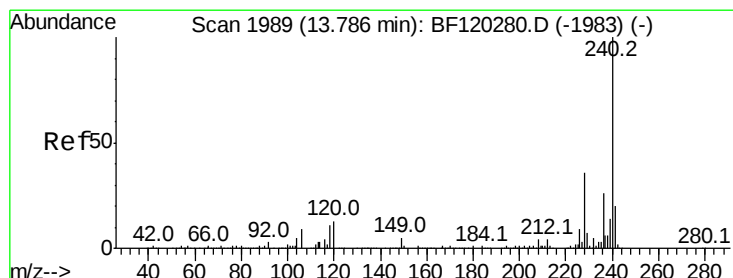
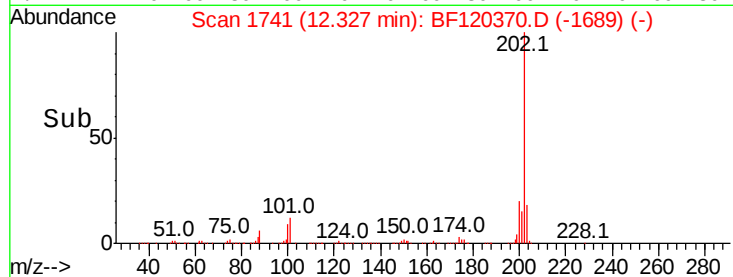
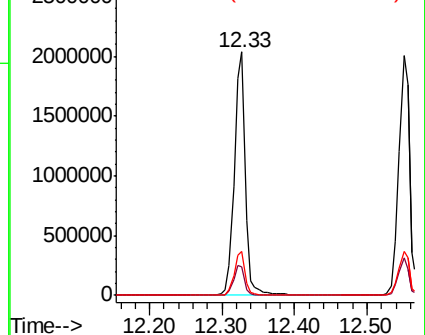
203 18.0 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.76 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

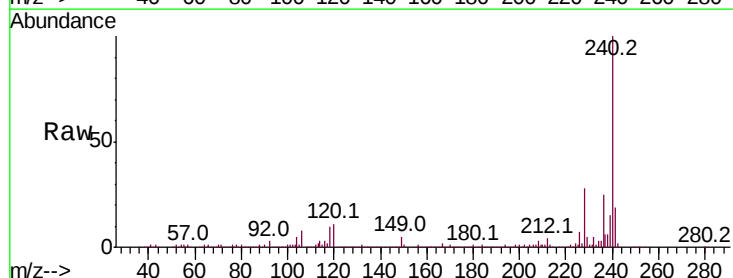
Tgt Ion:240 Resp: 660086

Ion Ratio Lower Upper

240 100

120 10.9 10.4 15.6

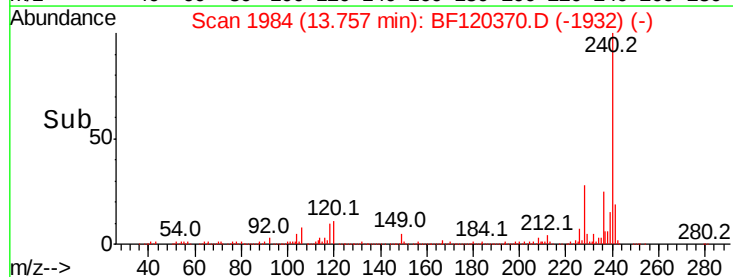
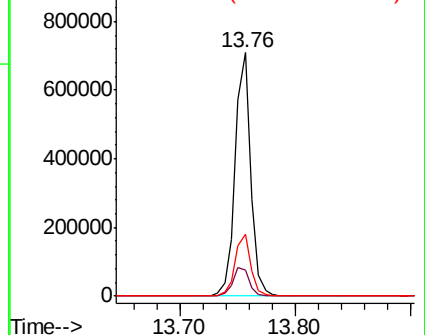
236 25.3 21.0 31.6

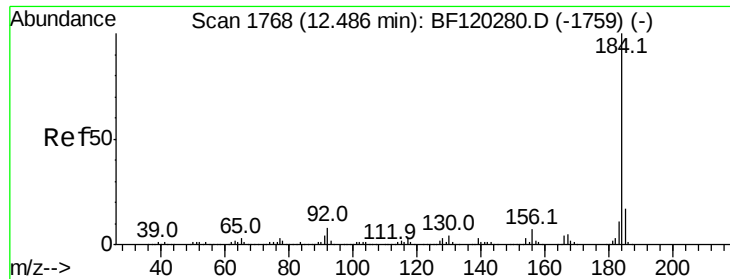


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

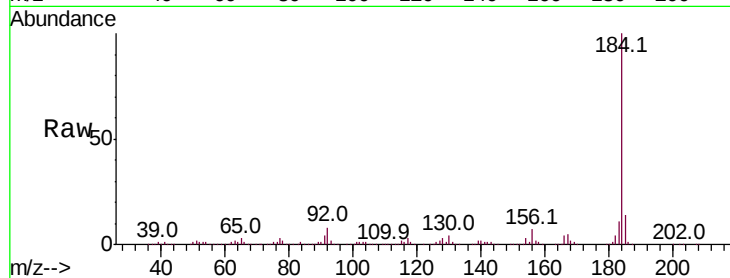




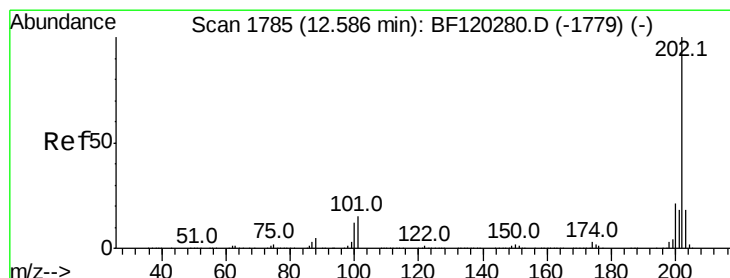
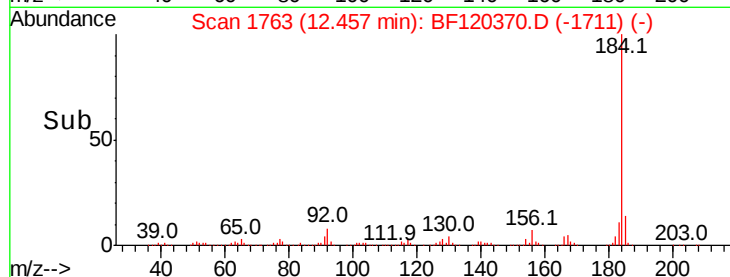
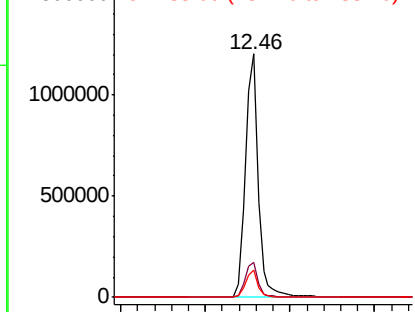
#77
Benzidine
Concen: 64.889 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Instrument :
BNA_M
ClientSampleId :
PB129015BS

Tot Ion:184 Resp: 1250782
Ion Ratio Lower Upper
184 100
185 14.4 13.7 20.5
183 11.0 8.7 13.1

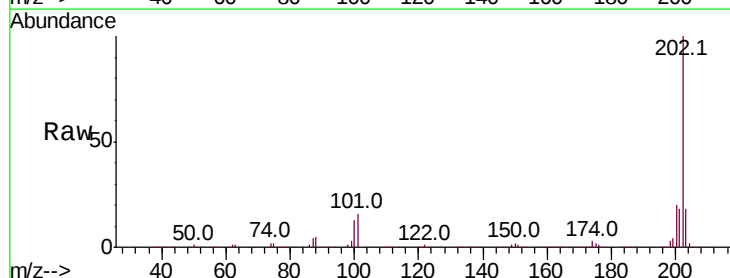


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

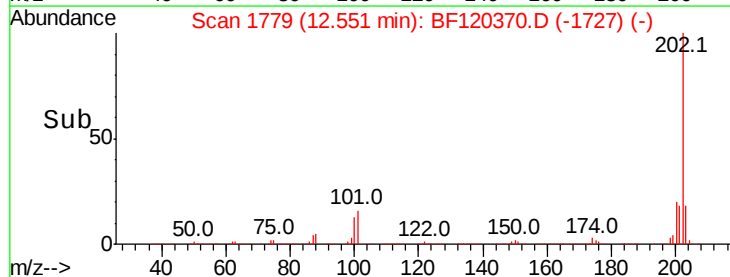
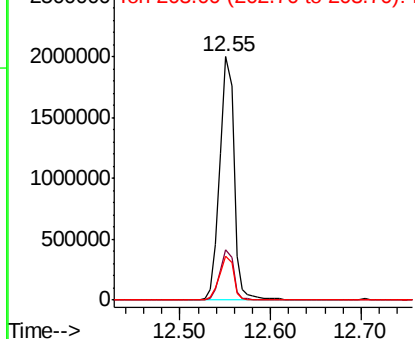


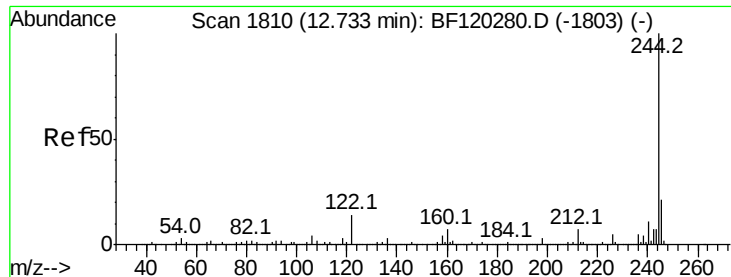
#78
Pyrene
Concen: 46.283 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion:202 Resp: 2177997
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 18.1 14.6 22.0



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





#79

Terphenyl-d14

Concen: 92.809 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

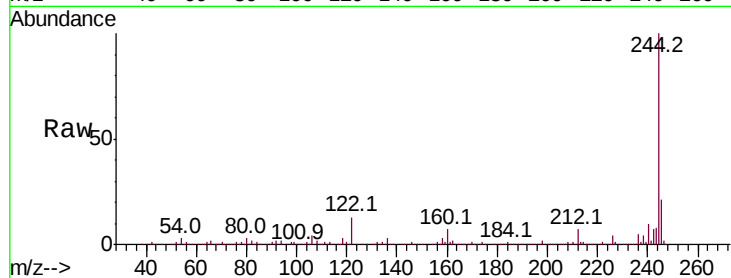
Tot Ion:244 Resp: 2773009

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

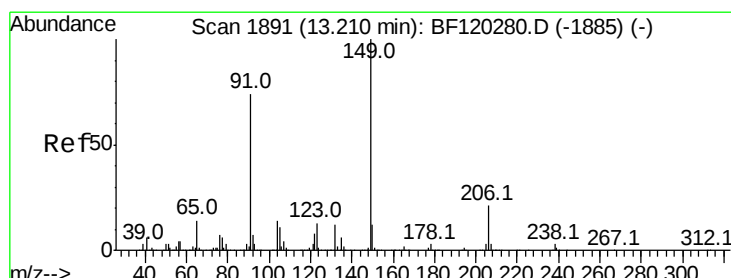
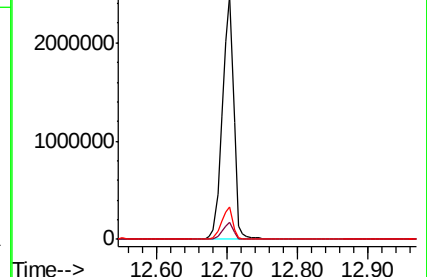
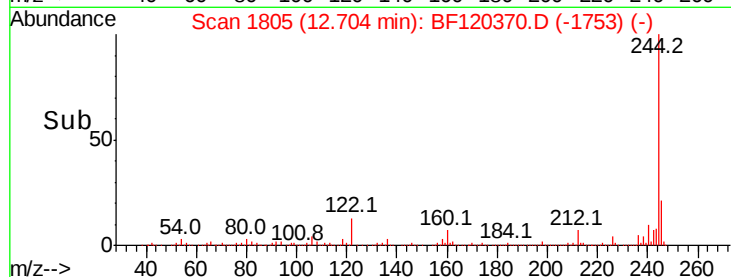
122 13.2 10.8 16.2



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: 44.853 ng

RT: 13.18 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

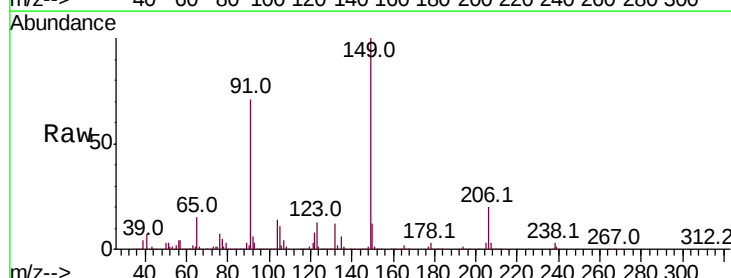
Tgt Ion:149 Resp: 993895

Ion Ratio Lower Upper

149 100

91 71.4 59.0 88.4

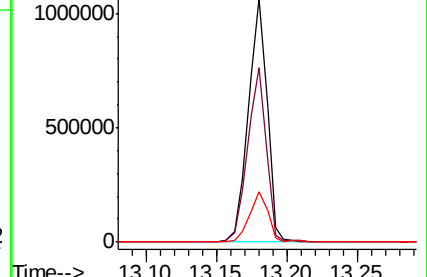
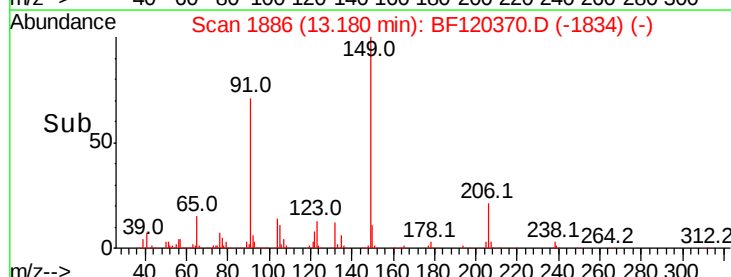
206 20.5 16.8 25.2

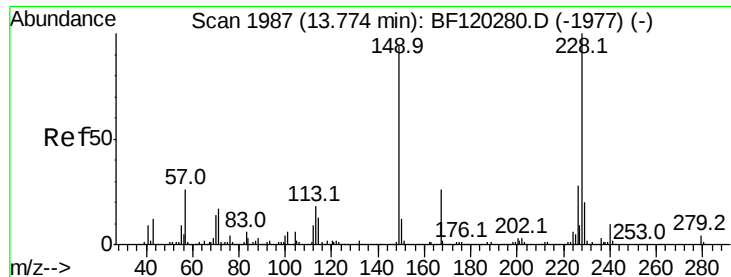


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.460 ng

RT: 13.74 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

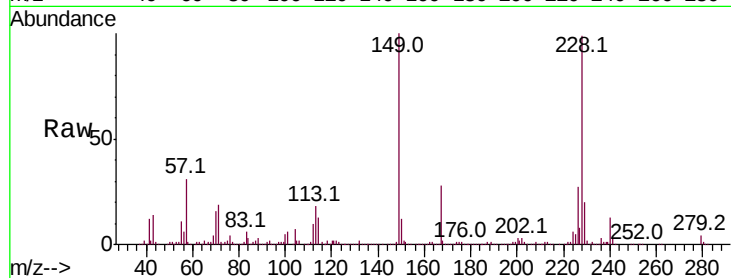
Tot Ion:228 Resp: 1617526

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

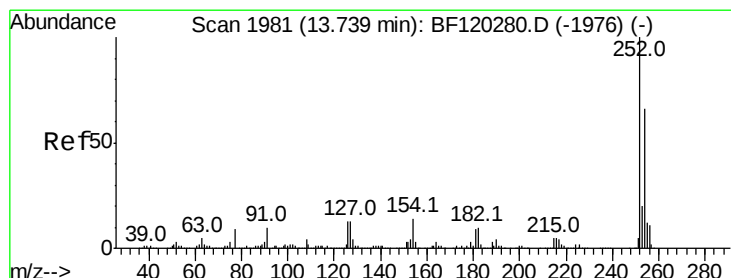
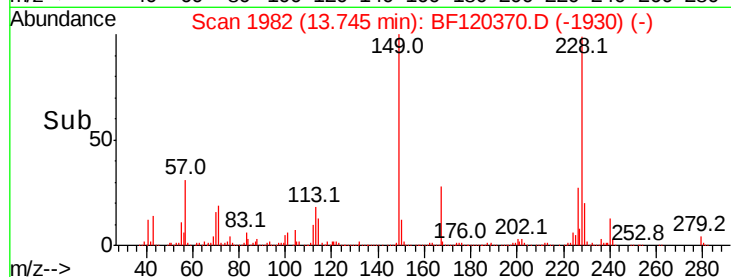
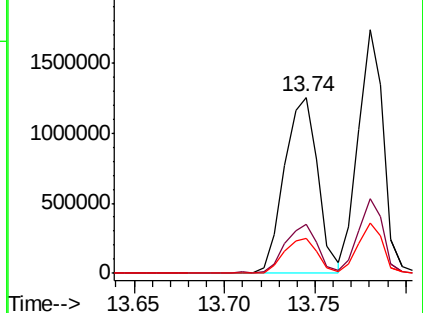
229 20.0 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.451 ng

RT: 13.71 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

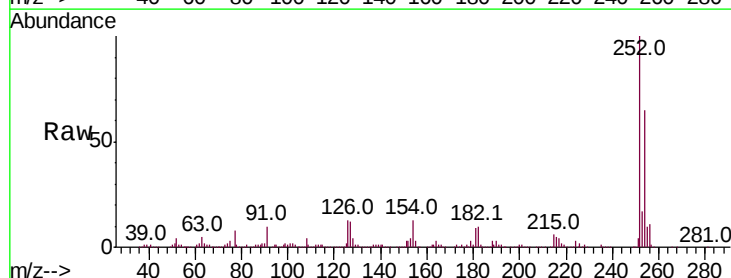
Tgt Ion:252 Resp: 478241

Ion Ratio Lower Upper

252 100

254 64.7 52.6 78.8

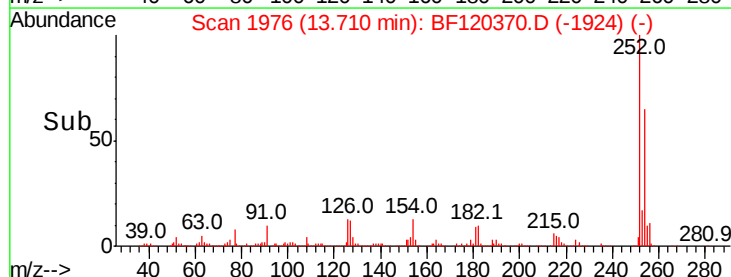
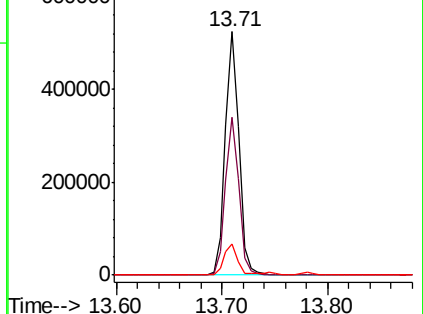
126 12.6 10.7 16.1

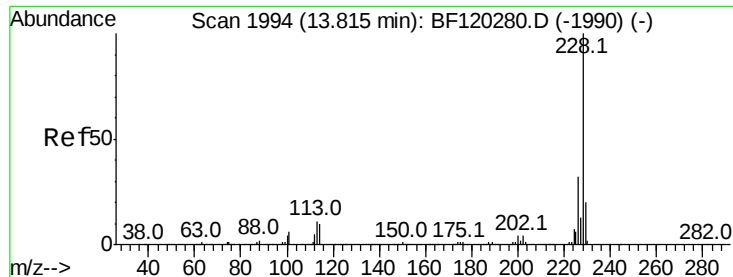


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.140 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

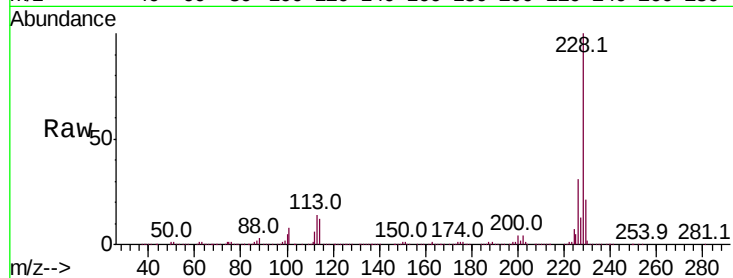
BNA_M

ClientSampleId :

PB129015BS

Tot Ion:228 Resp: 1687544

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.8	16.2	24.4

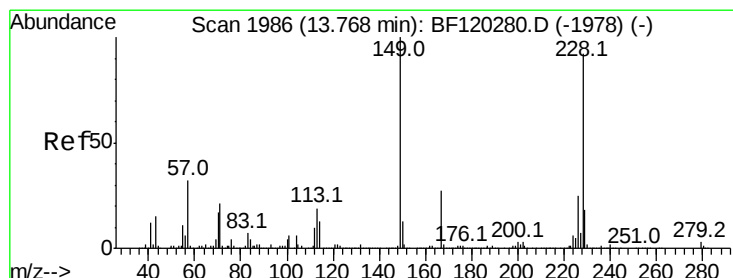
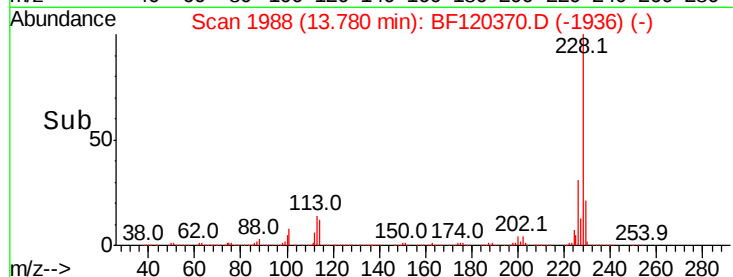
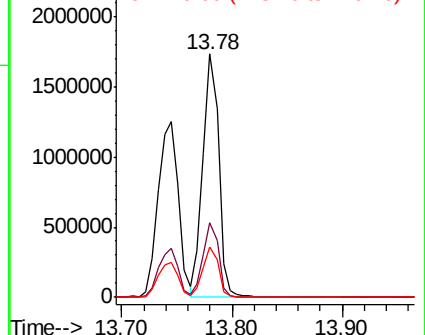


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.854 ng

RT: 13.74 min Scan# 1982

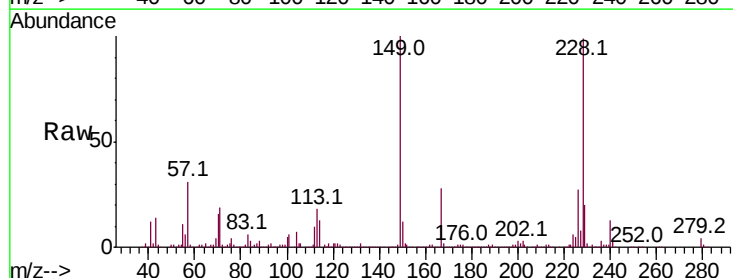
Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Tgt Ion:149 Resp: 1264153

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.8
279	4.0	2.8	4.2

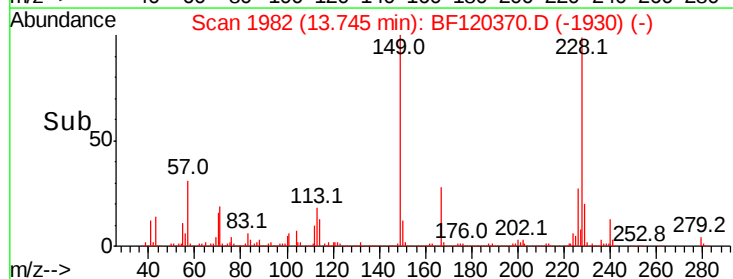
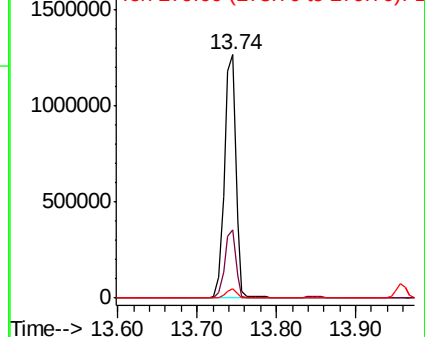


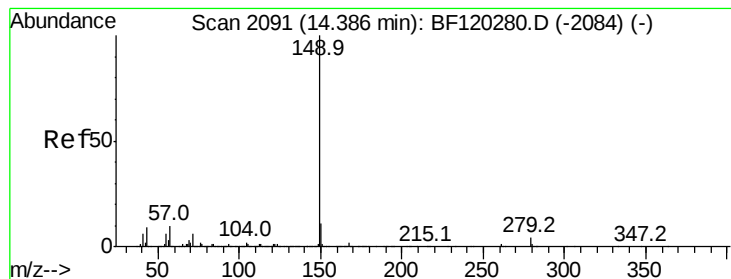
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.325 ng

RT: 14.35 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

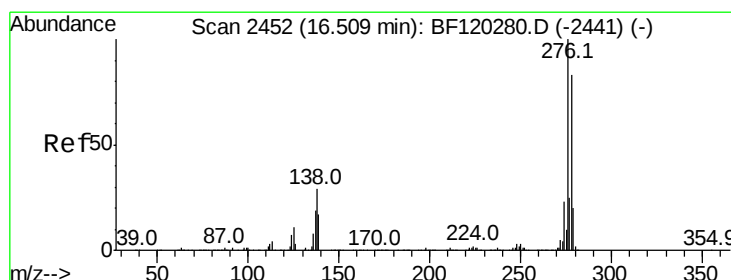
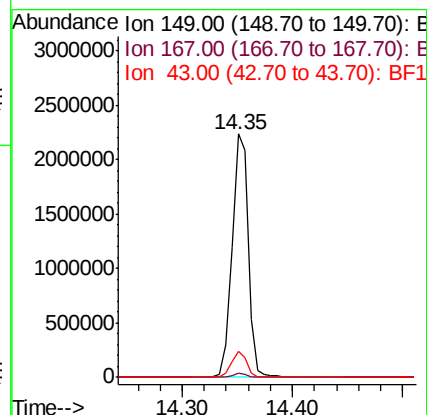
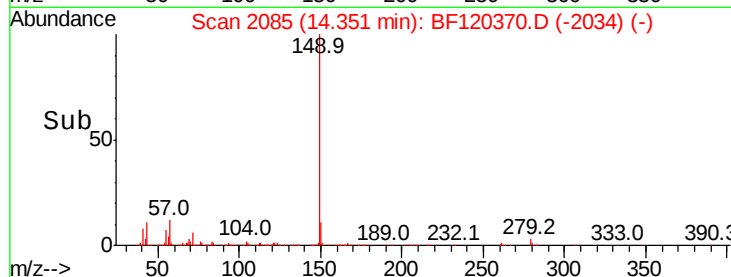
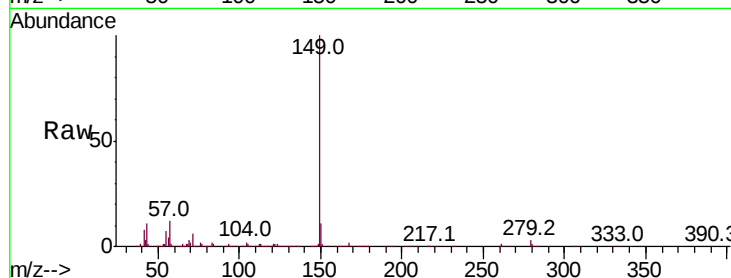
Tot Ion:149 Resp: 2297521

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.1 7.5 11.3



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.630 ng

RT: 16.44 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

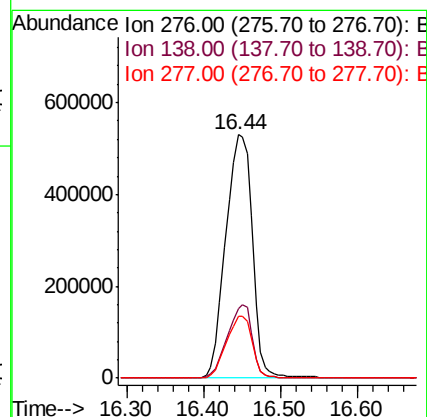
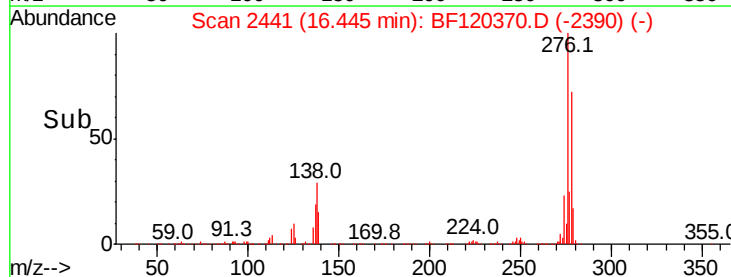
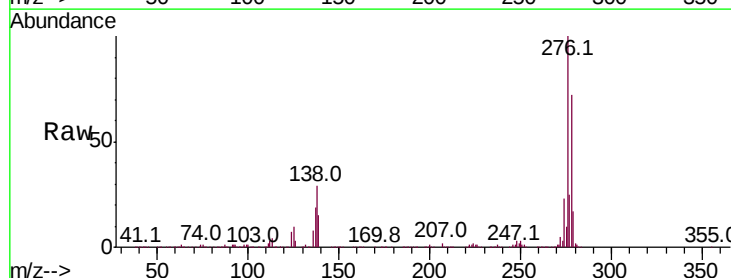
Tgt Ion:276 Resp: 1276793

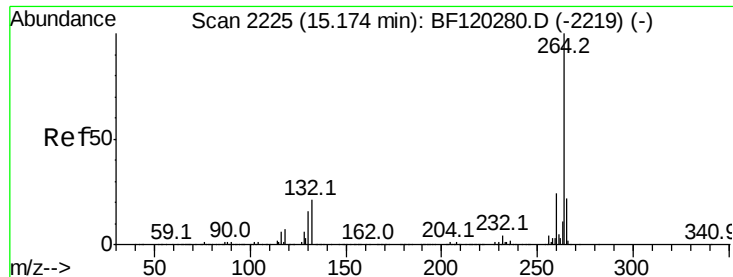
Ion Ratio Lower Upper

276 100

138 28.2 23.3 34.9

277 24.6 20.2 30.4

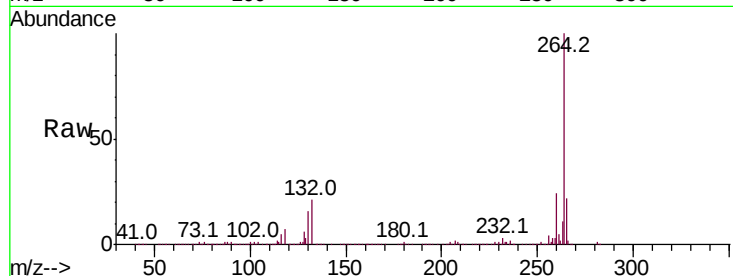




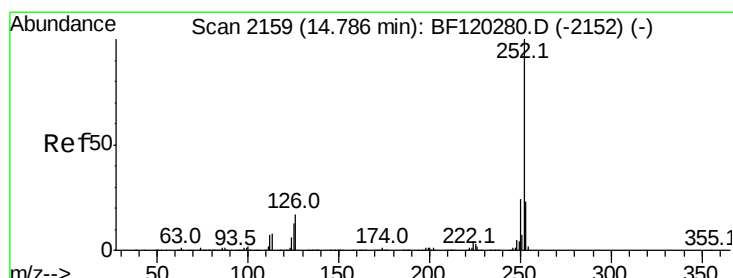
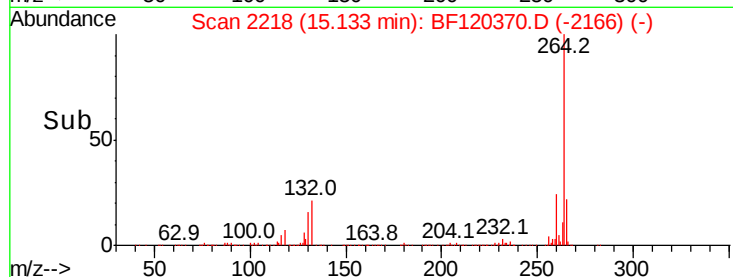
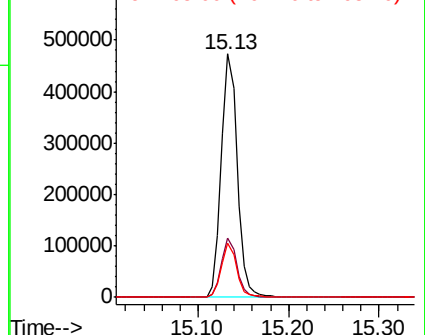
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Instrument :
BNA_M
ClientSampleId :
PB129015BS

Tot Ion:264 Resp: 579043
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 22.1 17.5 26.3

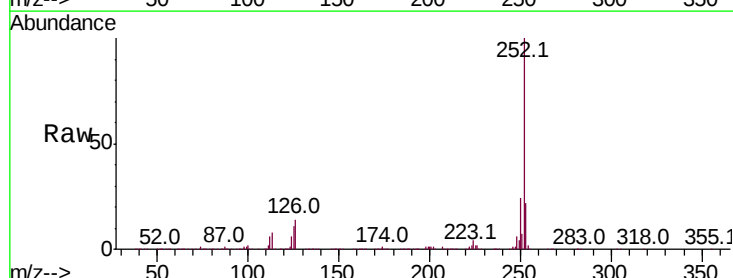


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

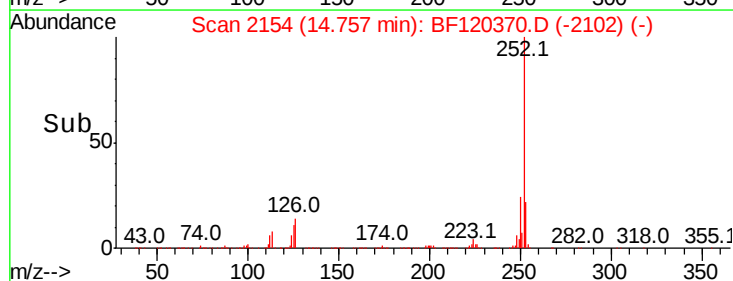
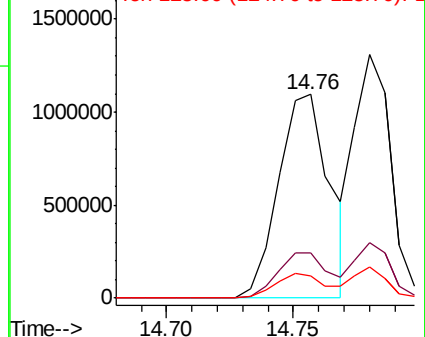


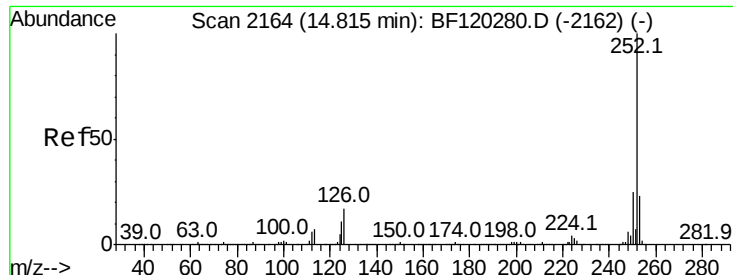
#88
Benzo(b)fluoranthene
Concen: 48.405 ng
RT: 14.76 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion:252 Resp: 1530704
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 11.2 10.4 15.6



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

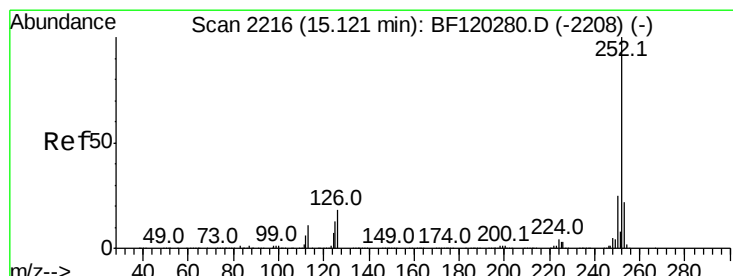
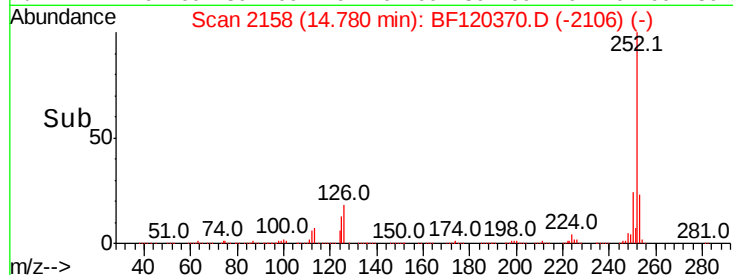
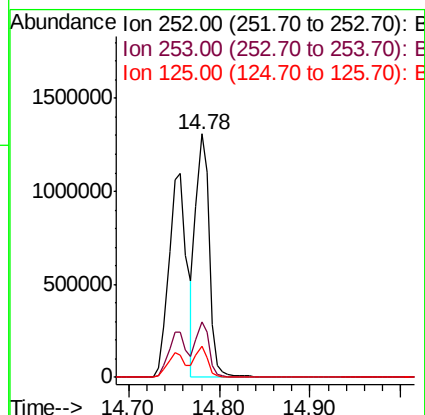
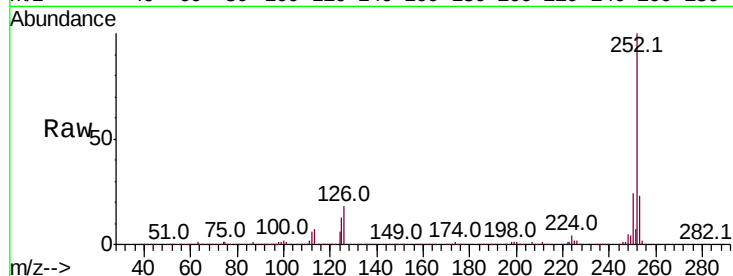




#89
Benzo(k)fluoranthene
Concen: 48.758 ng
RT: 14.78 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

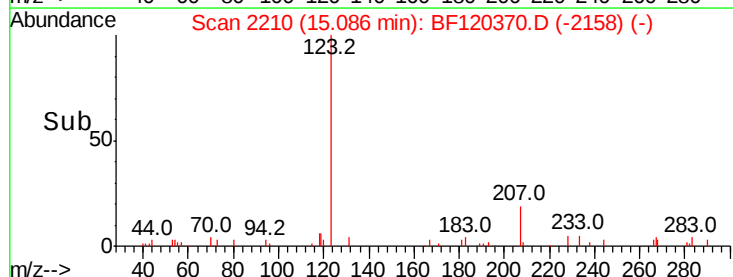
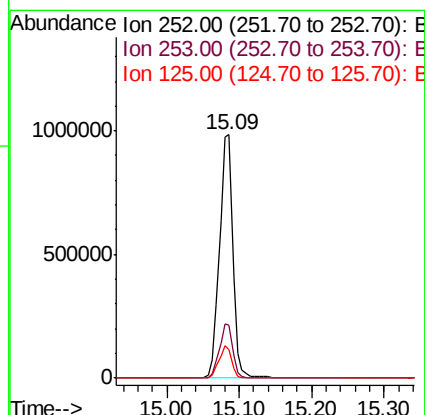
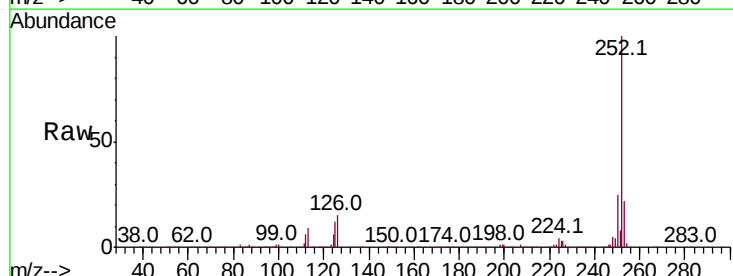
Instrument :
BNA_M
ClientSampleId :
PB129015BS

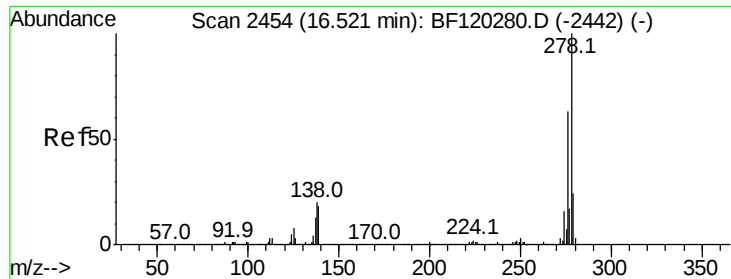
Tot Ion:252 Resp: 1335850
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.8 9.9 14.9



#90
Benzo(a)pyrene
Concen: 44.539 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF120370.D
Acq: 20 May 2020 15:31

Tgt Ion:252 Resp: 1263125
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 11.9 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 41.803 ng

RT: 16.46 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA_M

ClientSampleId :

PB129015BS

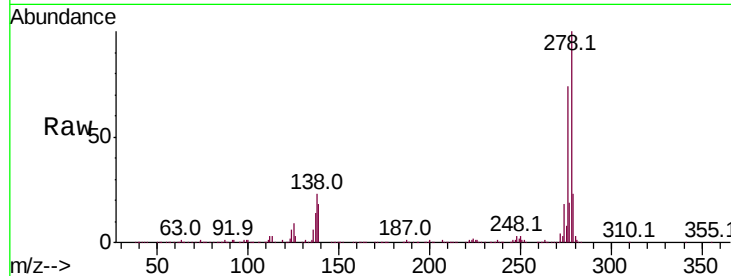
Tot Ion:278 Resp: 1050274

Ion Ratio Lower Upper

278 100

139 18.3 14.7 22.1

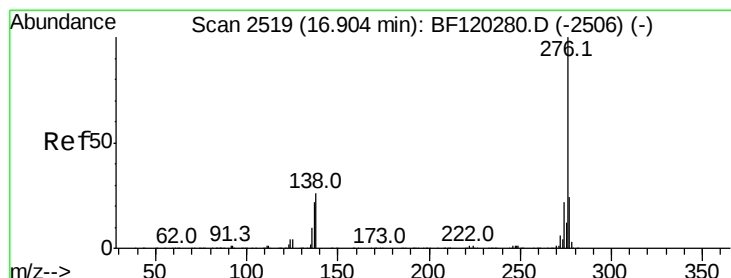
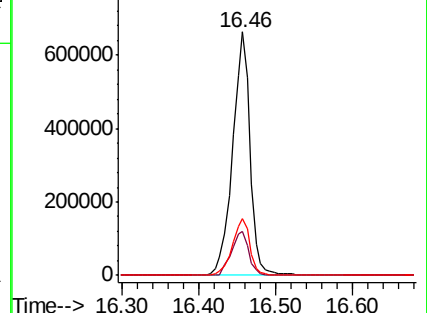
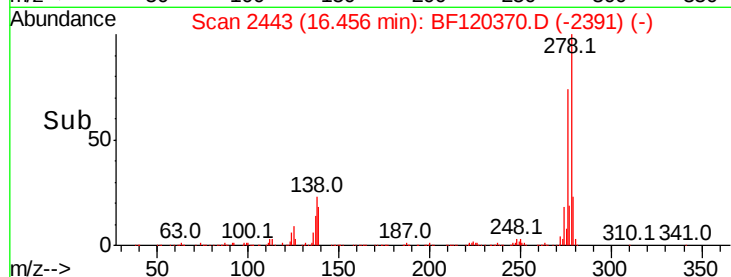
279 23.2 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.626 ng

RT: 16.84 min Scan# 2508

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

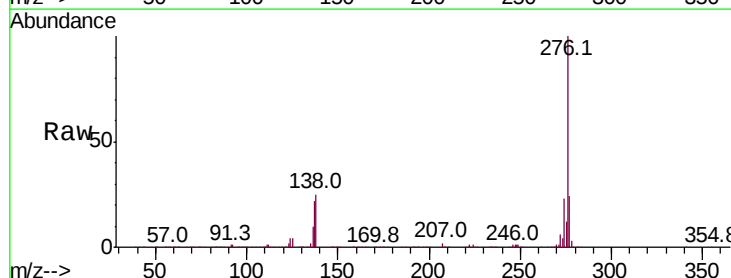
Tgt Ion:276 Resp: 1079948

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 25.1 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

