

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
 Data File : BF126916.D
 Acq On : 16 Feb 2022 17:09
 Operator : CG\JU
 Sample : PB142708BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142708BS

Quant Time: Feb 17 01:07:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	129654	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	542487	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	268178	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	472520	20.000	ng	0.00
76) Chrysene-d12	14.110	240	271308	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	222089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1002252	119.476	ng	0.02
7) Phenol-d6	6.563	99	1324267	116.991	ng	0.00
23) Nitrobenzene-d5	7.504	82	941158	78.308	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	391899	126.922	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1458544	80.066	ng	0.00
79) Terphenyl-d14	13.051	244	1574095	85.290	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	116122	30.251	ng	96
3) Pyridine	3.593	79	284680	28.274	ng	89
4) n-Nitrosodimethylamine	3.557	42	204900	41.544	ng	# 76
6) Aniline	6.598	93	521321	38.871	ng	97
8) 2-Chlorophenol	6.716	128	411356	45.702	ng	99
9) Benzaldehyde	6.487	77	274201	39.796	ng	98
10) Phenol	6.575	94	513611	44.906	ng	86
11) bis(2-Chloroethyl)ether	6.669	93	400120	44.603	ng	97
12) 1,3-Dichlorobenzene	6.875	146	406119	41.828	ng	99
13) 1,4-Dichlorobenzene	6.951	146	414468	42.107	ng	98
14) 1,2-Dichlorobenzene	7.104	146	398476	42.451	ng	98
15) Benzyl Alcohol	7.075	79	412672	43.275	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.204	45	610103	43.190	ng	97
17) 2-Methylphenol	7.181	107	347973	44.685	ng	93
18) Hexachloroethane	7.445	117	162115	42.967	ng	92
19) n-Nitroso-di-n-propyla...	7.351	70	319812	43.847	ng	98
20) 3+4-Methylphenols	7.334	107	439431	43.456	ng	# 86
22) Acetophenone	7.345	105	589937	41.303	ng	95
24) Nitrobenzene	7.522	77	486633	42.861	ng	99
25) Isophorone	7.757	82	877220	44.109	ng	# 97
26) 2-Nitrophenol	7.834	139	207250	42.873	ng	# 84
27) 2,4-Dimethylphenol	7.863	122	371368	46.764	ng	90
28) bis(2-Chloroethoxy)met...	7.963	93	502624	41.688	ng	99
29) 2,4-Dichlorophenol	8.069	162	315436	42.249	ng	97
30) 1,2,4-Trichlorobenzene	8.157	180	344724	41.299	ng	99
31) Naphthalene	8.239	128	1182718	41.764	ng	99
32) Benzoic acid	7.992	122	252235	44.787	ng	# 84
33) 4-Chloroaniline	8.281	127	194517	17.451	ng	95
34) Hexachlorobutadiene	8.351	225	197154	40.457	ng	98
35) Caprolactam	8.663	113	57613	22.097	ng	94
36) 4-Chloro-3-methylphenol	8.763	107	414268	43.416	ng	91
37) 2-Methylnaphthalene	8.934	142	779477	42.419	ng	98
38) 1-Methylnaphthalene	9.028	142	726234	41.272	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	308193	43.657	ng	98
41) Hexachlorocyclopentadiene	9.081	237	396809	103.639	ng	95

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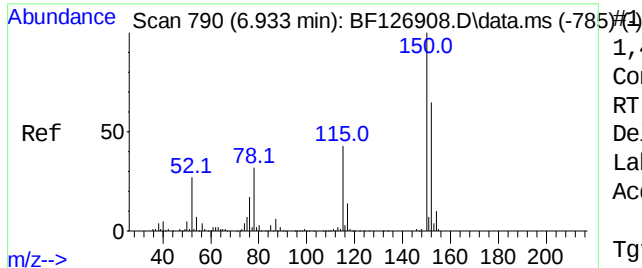
Quant Time: Feb 17 01:07:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.204	196	218313	42.165	ng	100
44) 2,4,5-Trichlorophenol	9.245	196	233583	42.871	ng	97
46) 1,1'-Biphenyl	9.392	154	924785	43.525	ng	99
47) 2-Chloronaphthalene	9.422	162	666416	42.296	ng	94
48) 2-Nitroaniline	9.516	65	271409	43.652	ng	96
49) Acenaphthylene	9.839	152	1138357	44.478	ng	98
50) Dimethylphthalate	9.698	163	821694	42.866	ng	99
51) 2,6-Dinitrotoluene	9.763	165	177498	45.512	ng	98
52) Acenaphthene	10.010	154	694411	41.719	ng	98
53) 3-Nitroaniline	9.928	138	133872	28.081	ng	# 97
54) 2,4-Dinitrophenol	10.039	184	190680	92.372	ng	# 84
55) Dibenzofuran	10.186	168	956670	41.798	ng	93
56) 4-Nitrophenol	10.092	139	314107	89.209	ng	# 82
57) 2,4-Dinitrotoluene	10.169	165	242735	46.032	ng	# 93
58) Fluorene	10.528	166	757093	42.466	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	185675	42.986	ng	96
60) Diethylphthalate	10.398	149	850904	42.482	ng	98
61) 4-Chlorophenyl-phenyle...	10.516	204	352155	41.890	ng	98
62) 4-Nitroaniline	10.551	138	200633	42.619	ng	# 79
63) Azobenzene	10.675	77	937510	42.034	ng	94
65) 4,6-Dinitro-2-methylph...	10.575	198	117464	42.309	ng	97
66) n-Nitrosodiphenylamine	10.639	169	656836	42.392	ng	99
67) 4-Bromophenyl-phenylether	11.010	248	222798	42.201	ng	97
68) Hexachlorobenzene	11.069	284	248638	43.747	ng	# 93
69) Atrazine	11.163	200	221405	46.073	ng	97
70) Pentachlorophenol	11.269	266	275566	88.819	ng	99
71) Phenanthrene	11.492	178	1120705	42.374	ng	99
72) Anthracene	11.545	178	1144223	43.458	ng	100
73) Carbazole	11.698	167	975156	40.387	ng	98
74) Di-n-butylphthalate	12.022	149	1322696	42.612	ng	99
75) Fluoranthene	12.680	202	1065472	42.428	ng	96
77) Benzidine	12.798	184	440083	59.689	ng	97
78) Pyrene	12.910	202	1067521	45.290	ng	99
80) Butylbenzylphthalate	13.521	149	486211	43.572	ng	95
81) Benzo(a)anthracene	14.098	228	800029	43.740	ng	98
82) 3,3'-Dichlorobenzidine	14.057	252	174512	30.275	ng	96
83) Chrysene	14.139	228	747901	43.483	ng	98
84) Bis(2-ethylhexyl)phtha...	14.074	149	655916	44.772	ng	# 97
85) Di-n-octyl phthalate	14.692	149	966022	45.797	ng	98
87) Indeno(1,2,3-cd)pyrene	17.151	276	689212	47.327	ng	# 88
88) Benzo(b)fluoranthene	15.168	252	673570	45.157	ng	# 94
89) Benzo(k)fluoranthene	15.204	252	678653	47.171	ng	# 95
90) Benzo(a)pyrene	15.551	252	635018	54.503	ng	# 95
91) Dibenzo(a,h)anthracene	17.174	278	594413	49.353	ng	# 92
92) Benzo(g,h,i)perylene	17.627	276	587205	49.454	ng	# 87

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

Instrument :
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[illegible]



1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.934 min Scan#

Delta R.T. 0.001 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

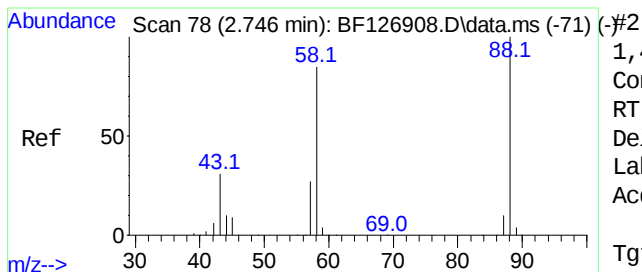
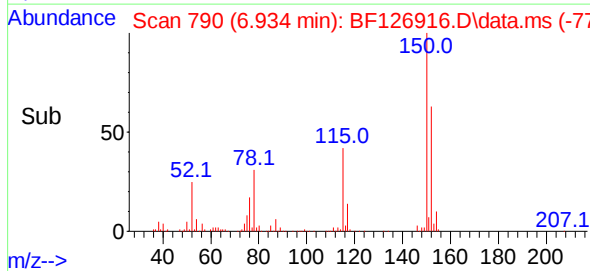
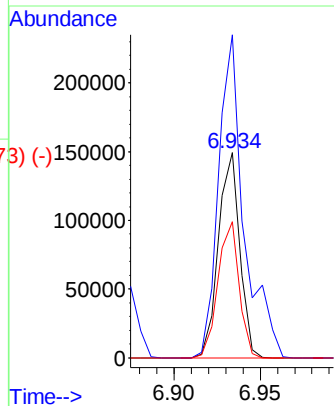
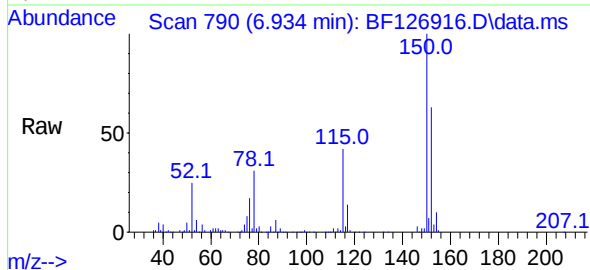
Tgt Ion:152 Resp: 129654

Ion Ratio Lower Upper

152 100

150 157.6 128.1 192.1

115 66.5 56.7 85.1



1,4-Dioxane

Concen: 30.251 ng

RT: 2.828 min Scan# 92

Delta R.T. 0.082 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

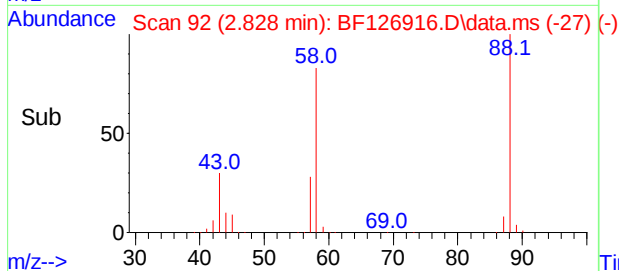
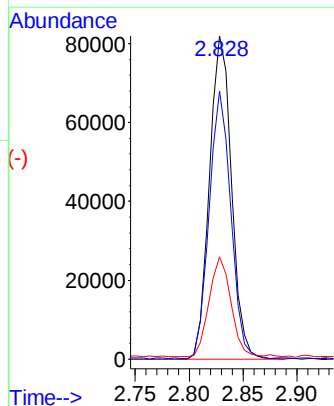
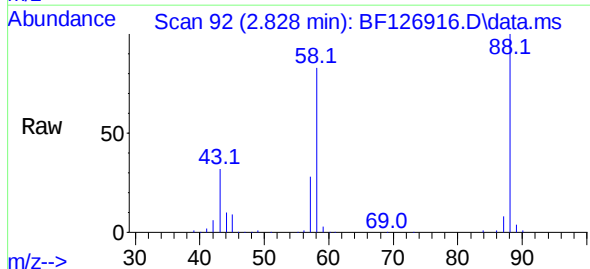
Tgt Ion: 88 Resp: 116122

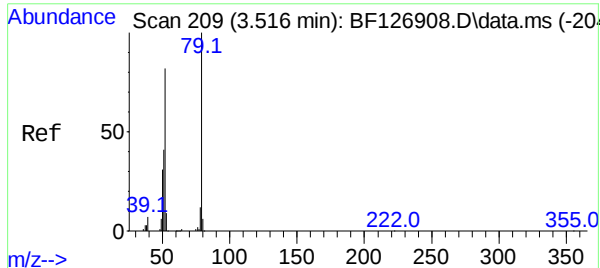
Ion Ratio Lower Upper

88 100

58 81.3 62.8 94.2

43 30.4 22.3 33.5





Pyridine

Concen: 28.274 ng

RT: 3.593 min Scan# 216

Delta R.T. 0.077 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

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ClientSampleId :

PB142708BS

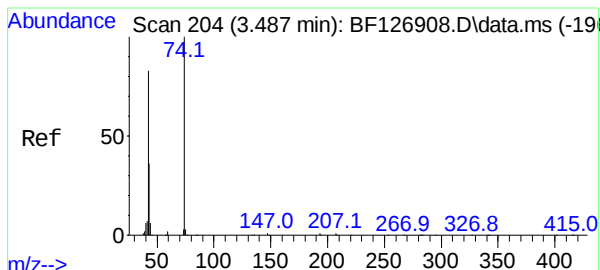
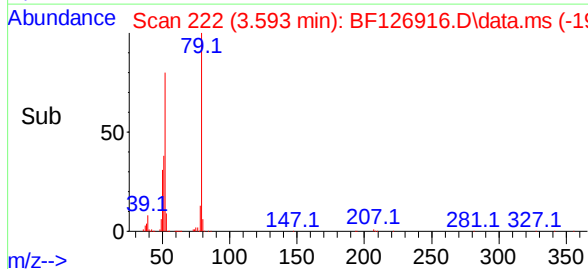
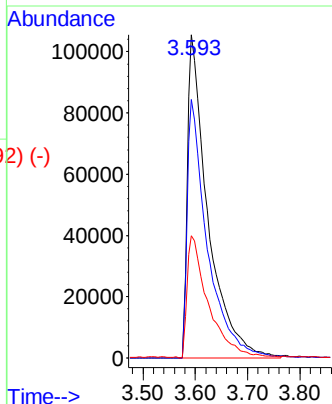
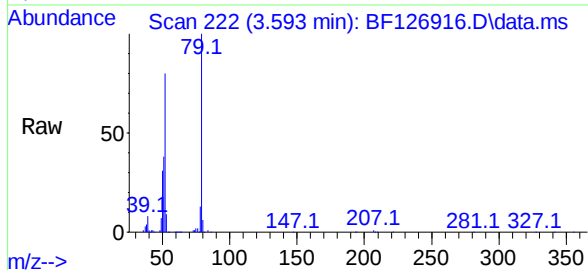
Tgt Ion: 79 Resp: 284680

Ion Ratio Lower Upper

79 100

52 80.1 56.2 84.4

51 37.8 26.7 40.1



n-Nitrosodimethylamine

Concen: 41.544 ng

RT: 3.557 min Scan# 216

Delta R.T. 0.071 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

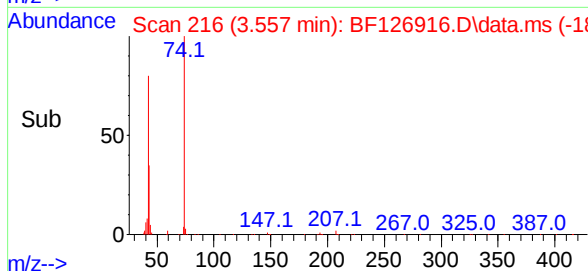
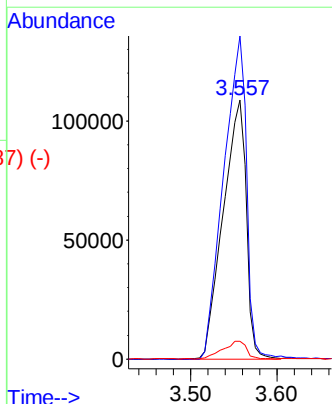
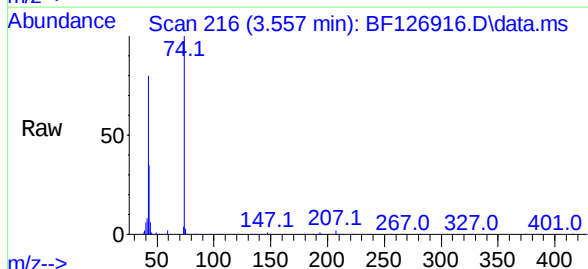
Tgt Ion: 42 Resp: 204900

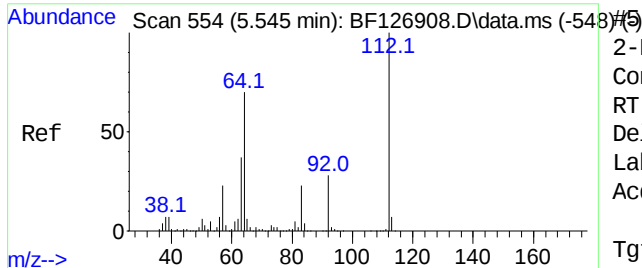
Ion Ratio Lower Upper

42 100

74 124.6 125.6 188.4

44 7.0 5.7 8.5





2-Fluorophenol

Concen: 119.476 ng

RT: 5.563 min Scan# 5

Delta R.T. 0.018 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

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PB142708BS

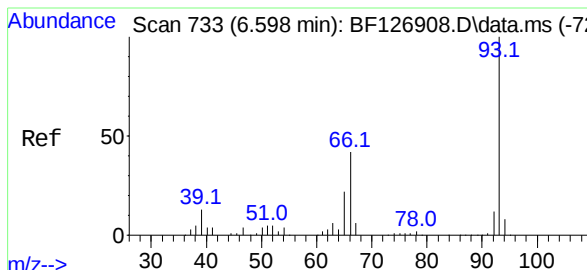
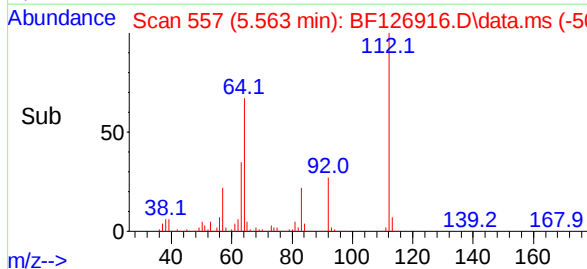
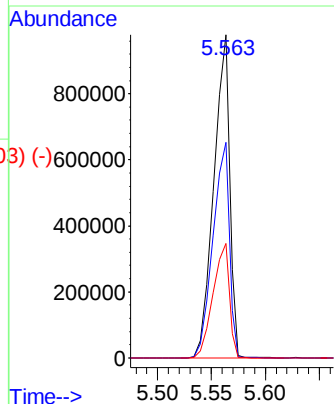
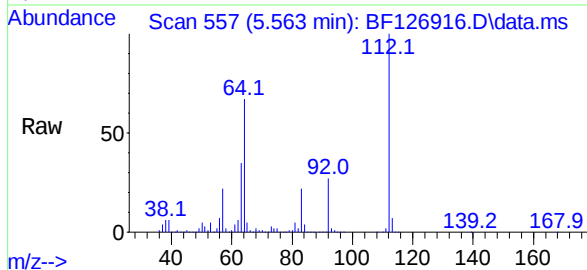
Tgt Ion:112 Resp: 1002252

Ion Ratio Lower Upper

112 100

64 66.7 49.5 74.3

63 35.4 23.9 35.9



Aniline

Concen: 38.871 ng

RT: 6.598 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

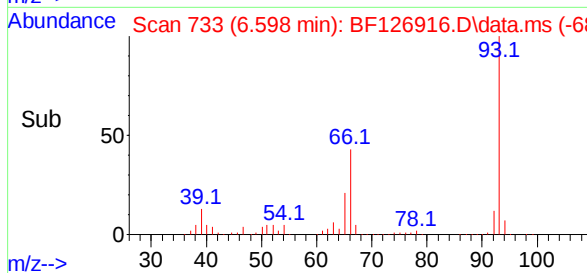
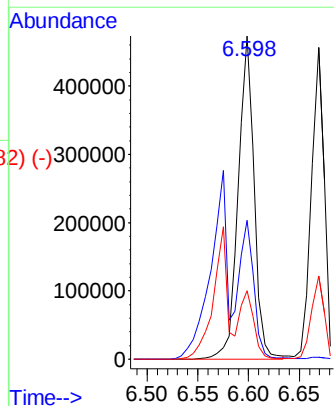
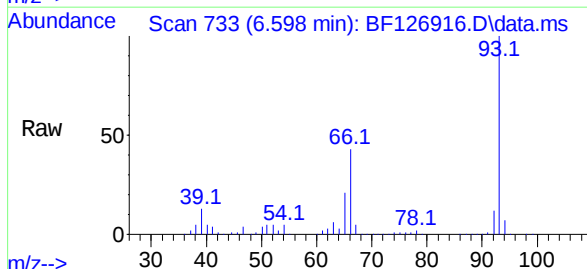
Tgt Ion: 93 Resp: 521321

Ion Ratio Lower Upper

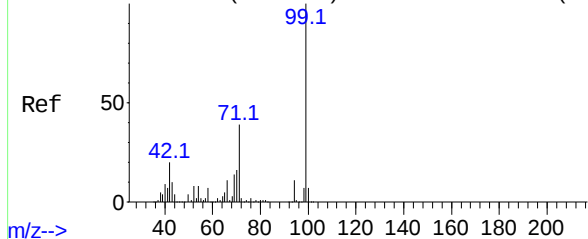
93 100

66 43.0 32.2 48.4

65 21.2 16.3 24.5



Abundance Scan 726 (6.557 min): BF126908.D\data.ms (-718) #7



Phenol-d6

Concen: 116.991 ng

RT: 6.563 min Scan#

Delta R.T. 0.006 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

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Tgt Ion: 99 Resp: 1324267

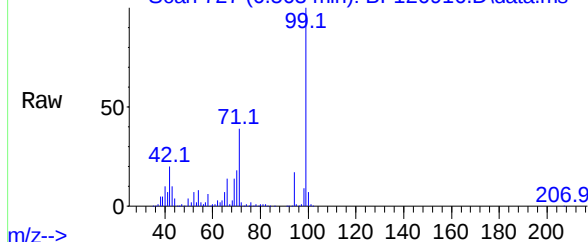
Ion Ratio Lower Upper

99 100

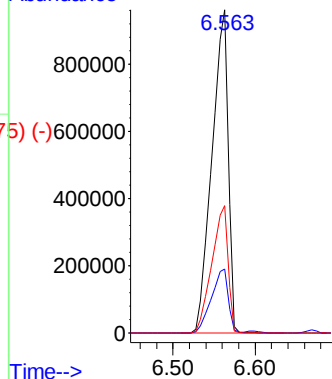
42 19.7 14.2 21.4

71 39.3 24.3 36.5#

Abundance Scan 727 (6.563 min): BF126916.D\data.ms

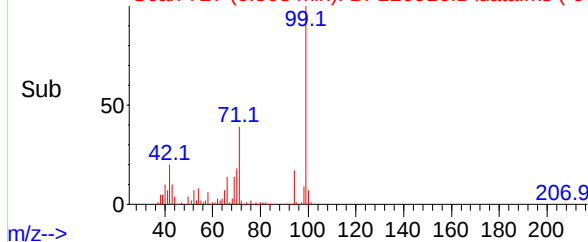


Abundance



m/z-->

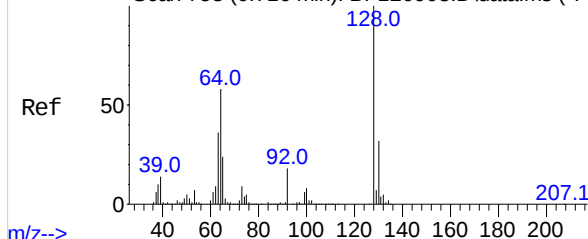
Abundance Scan 727 (6.563 min): BF126916.D\data.ms (-675) (-)



m/z-->

Time-->

Abundance Scan 753 (6.716 min): BF126908.D\data.ms (-747) #8



2-Chlorophenol

Concen: 45.702 ng

RT: 6.716 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Tgt Ion: 128 Resp: 411356

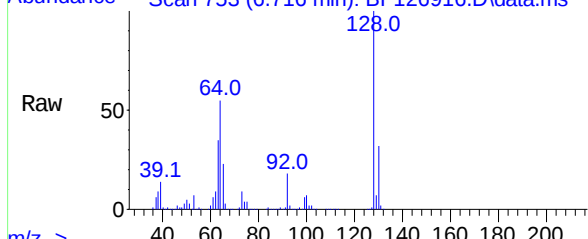
Ion Ratio Lower Upper

128 100

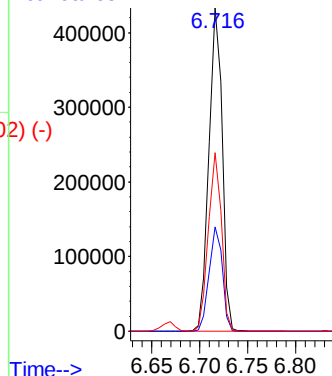
130 32.2 12.7 52.7

64 55.3 35.6 75.6

Abundance Scan 753 (6.716 min): BF126916.D\data.ms

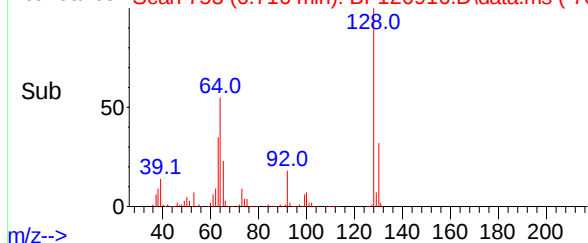


Abundance



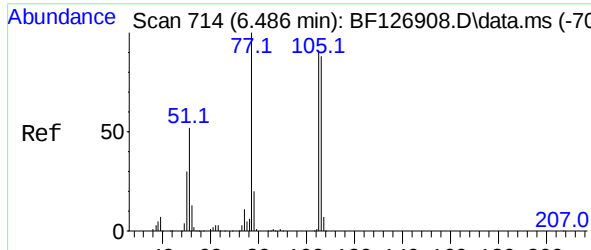
m/z-->

Abundance Scan 753 (6.716 min): BF126916.D\data.ms (-702) (-)



m/z-->

Time-->



Benzaldehyde

Concen: 39.796 ng

RT: 6.487 min Scan#

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

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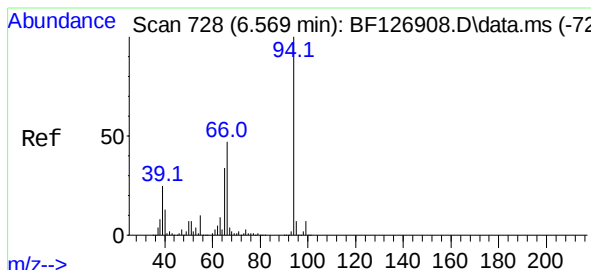
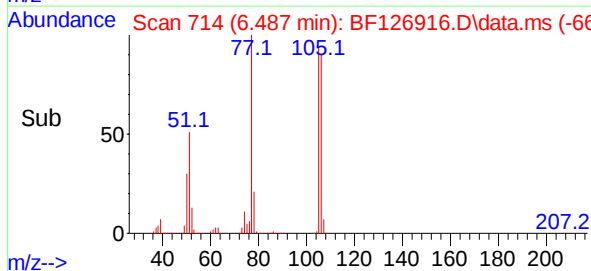
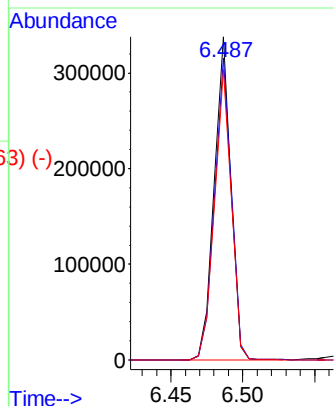
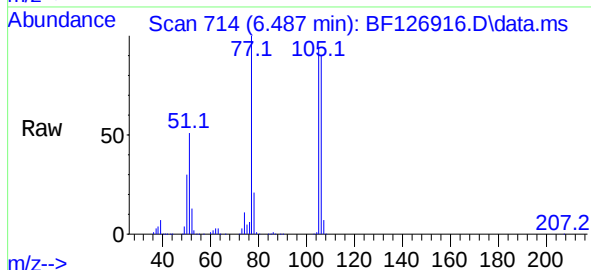
Tgt Ion: 77 Resp: 274201

Ion Ratio Lower Upper

77 100

105 93.5 74.9 114.9

106 89.9 72.4 112.4



Phenol

Concen: 44.906 ng

RT: 6.575 min Scan# 729

Delta R.T. 0.006 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

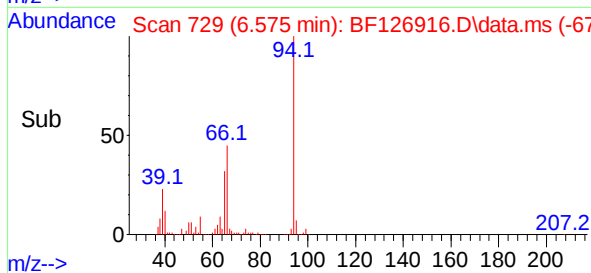
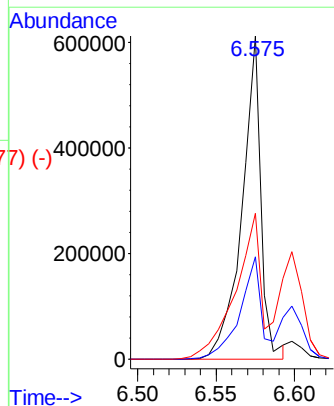
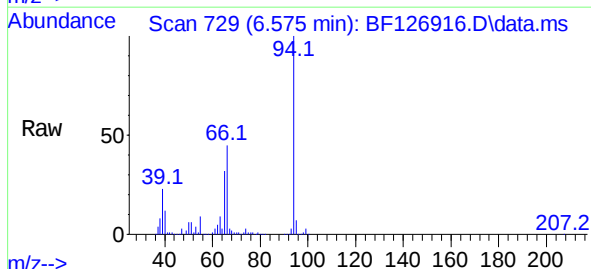
Tgt Ion: 94 Resp: 513611

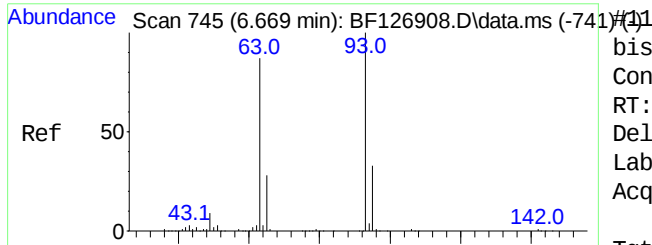
Ion Ratio Lower Upper

94 100

65 31.7 7.2 47.2

66 45.1 14.5 54.5

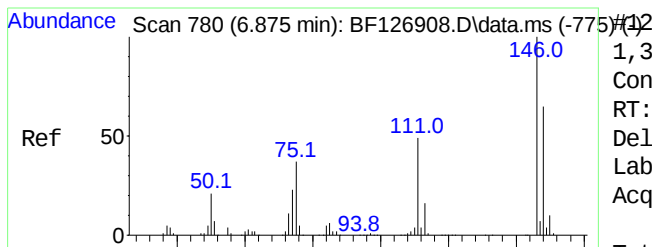
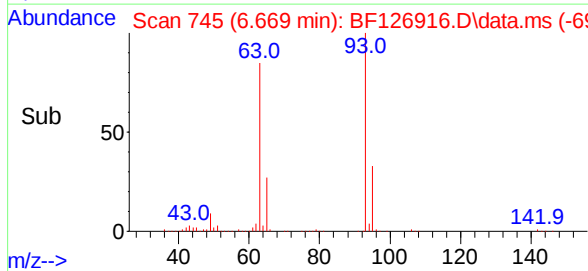
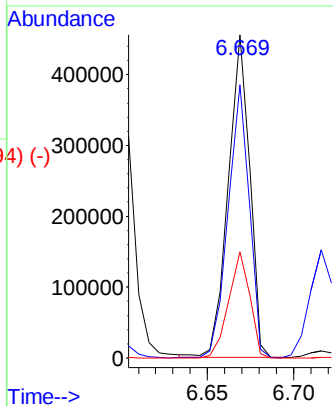
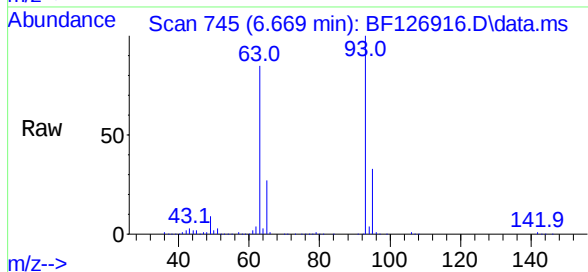




bis(2-Chloroethyl)ether
 Concen: 44.603 ng
 RT: 6.669 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

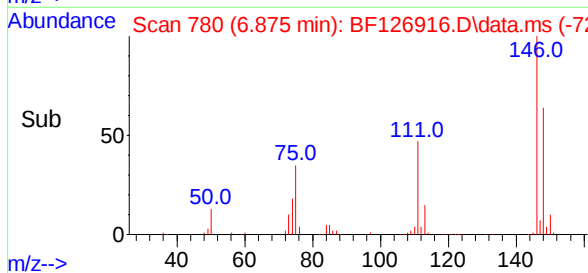
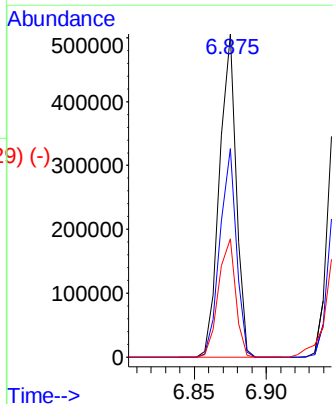
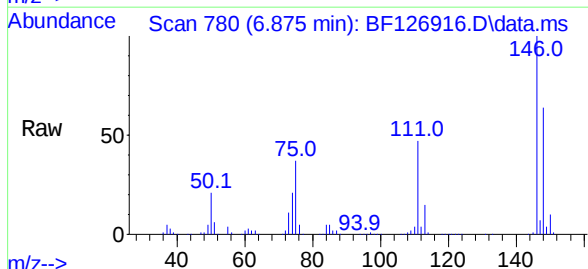
Instrument :
 BNA_F
 ClientSampleId :
 PB142708BS

Tgt Ion:	93	Resp:	400120
Ion	Ratio	Lower	Upper
93	100		
63	84.5	60.5	100.5
95	32.9	12.9	52.9



1,3-Dichlorobenzene
 Concen: 41.828 ng
 RT: 6.875 min Scan# 780
 Delta R.T. 0.000 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

Tgt Ion:	146	Resp:	406119
Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.9	76.3
75	36.7	28.4	42.6



Abundance Scan 793 (6.951 min): BF126908.D\data.ms (-788) #13

1,4-Dichlorobenzene

Concen: 42.107 ng

RT: 6.951 min Scan#

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

Tgt Ion:146 Resp: 414468

Ion Ratio Lower Upper

146 100

148 64.5 49.8 74.6

111 45.7 36.1 54.1

m/z-->

Abundance Scan 793 (6.951 min): BF126916.D\data.ms

146.0

111.0

75.0

50.0

93.9

Ref

50

0

40 60 80 100 120 140

m/z-->

Abundance Scan 793 (6.951 min): BF126916.D\data.ms (-742) (-)

146.0

111.0

75.0

50.0

93.9

Sub

50

0

40 60 80 100 120 140

m/z-->

Abundance

500000

400000

300000

200000

100000

0

6.90 6.95 7.00

Time-->

Abundance Scan 819 (7.104 min): BF126908.D\data.ms (-813) #14

1,2-Dichlorobenzene

Concen: 42.451 ng

RT: 7.104 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Tgt Ion:146 Resp: 398476

Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

111 47.3 40.2 60.2

m/z-->

Abundance Scan 819 (7.104 min): BF126916.D\data.ms

146.0

111.0

75.0

50.1

94.0

Ref

50

0

40 60 80 100 120 140

m/z-->

Abundance Scan 819 (7.104 min): BF126916.D\data.ms (-763) (-)

146.0

111.0

75.0

50.1

94.0

Sub

50

0

40 60 80 100 120 140

m/z-->

Abundance

400000

300000

200000

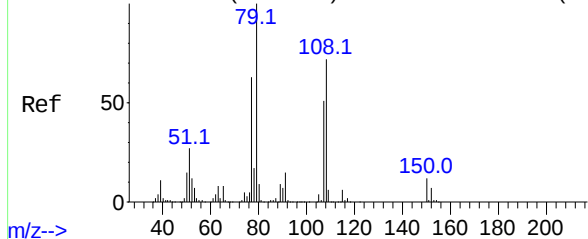
100000

0

7.05 7.10 7.15

Time-->

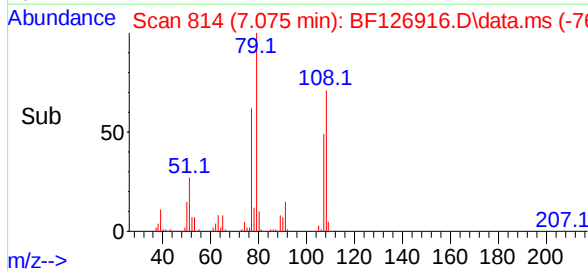
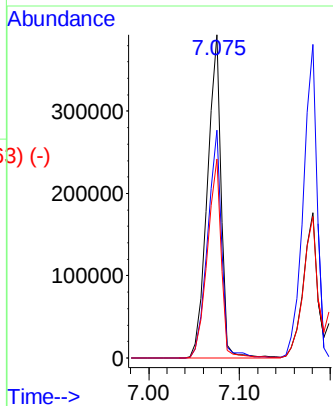
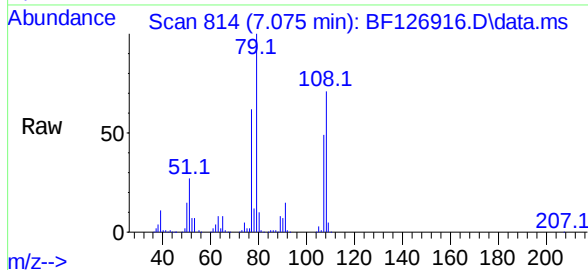
Abundance Scan 814 (7.075 min): BF126908.D\data.ms (-807) #15



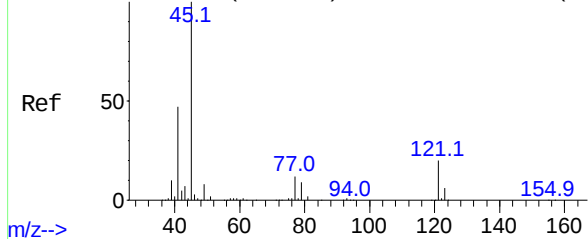
Benzyl Alcohol
Concen: 43.275 ng
RT: 7.075 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Instrument :
BNA_F
ClientSampleId :
PB142708BS

Tgt Ion:	79	Resp:	412672
Ion	Ratio	Lower	Upper
79	100		
108	70.5	63.2	94.8
77	61.7	49.4	74.2

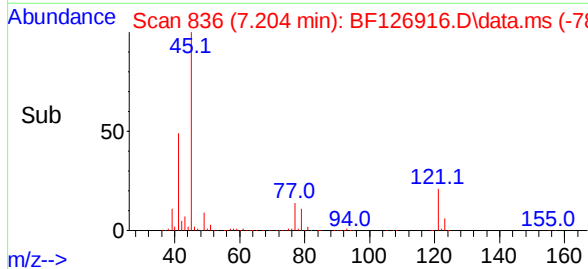
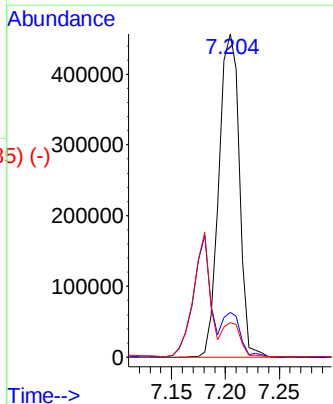
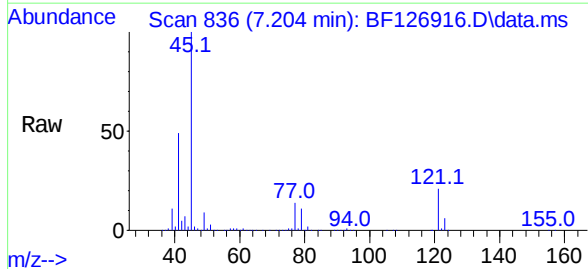


Abundance Scan 836 (7.204 min): BF126908.D\data.ms (-828) #16

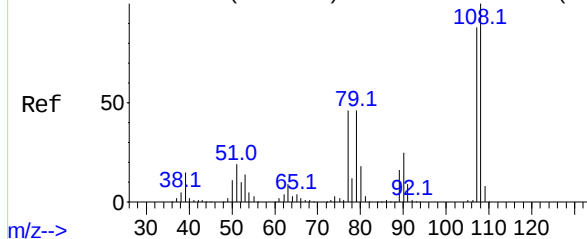


2,2'-oxybis(1-Chloropropane)
Concen: 43.190 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Tgt Ion:	45	Resp:	610103
Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	32.4
79	10.6	0.0	29.8



Abundance Scan 831 (7.175 min): BF126908.D\data.ms (-826) #17



2-Methylphenol

Concen: 44.685 ng

RT: 7.181 min Scan# 831

Delta R.T. 0.006 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

Tgt Ion:107 Resp: 347973

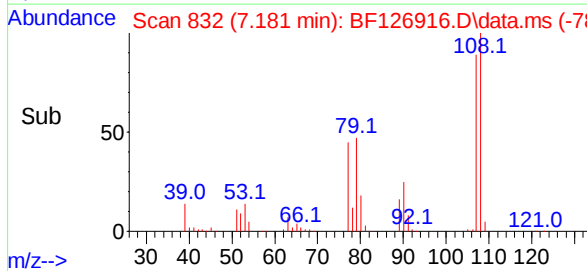
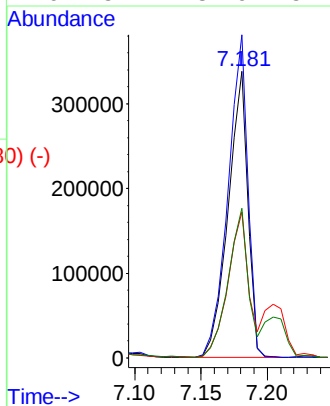
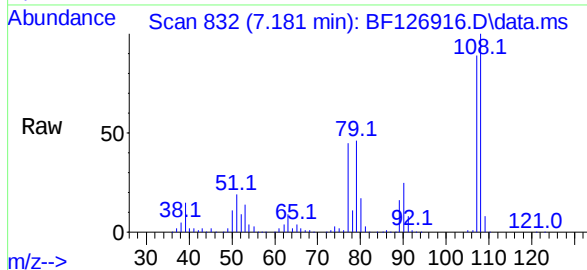
Ion Ratio Lower Upper

107 100

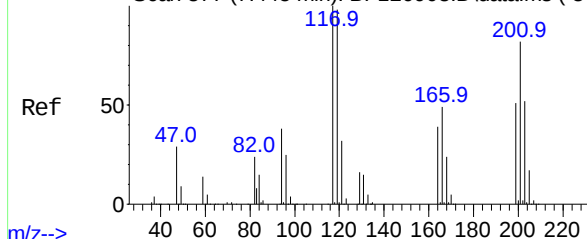
108 112.6 93.4 140.0

77 50.8 36.1 54.1

79 52.1 34.9 52.3



Abundance Scan 877 (7.445 min): BF126908.D\data.ms (-872) #18



Hexachloroethane

Concen: 42.967 ng

RT: 7.445 min Scan# 877

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

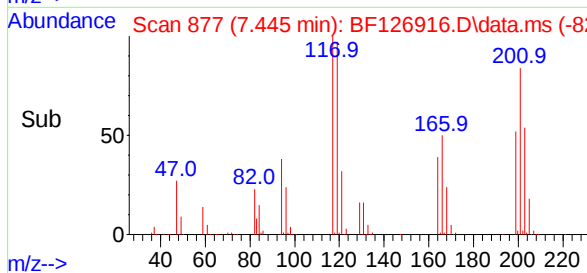
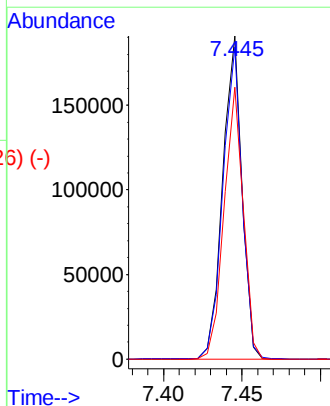
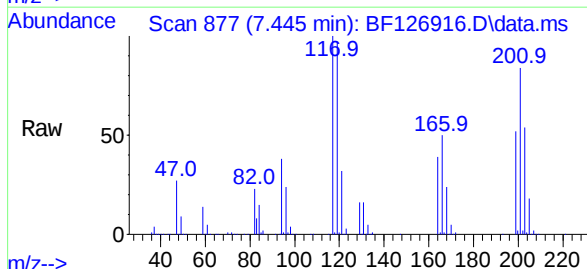
Tgt Ion:117 Resp: 162115

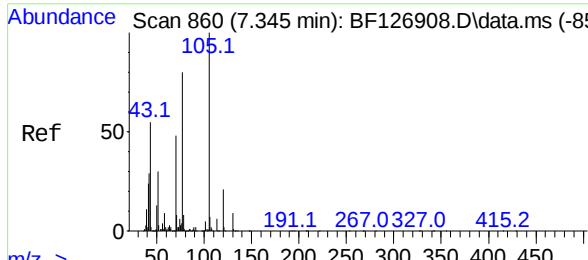
Ion Ratio Lower Upper

117 100

119 96.7 75.4 113.0

201 84.1 56.8 85.2

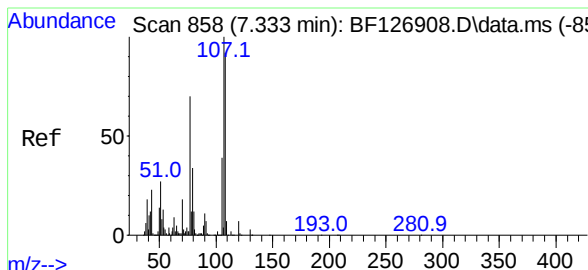
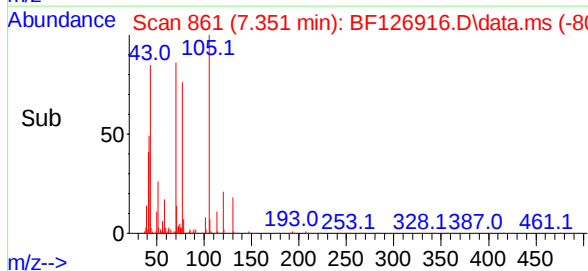
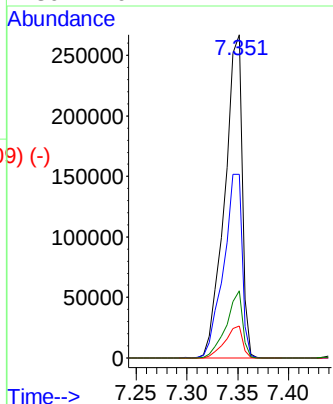
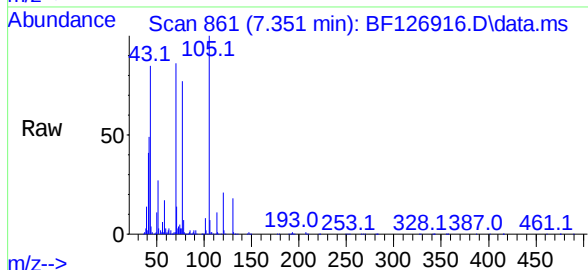




#19
n-Nitroso-di-n-propylamine
Concen: 43.847 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

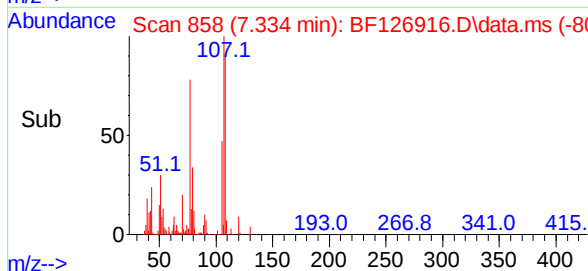
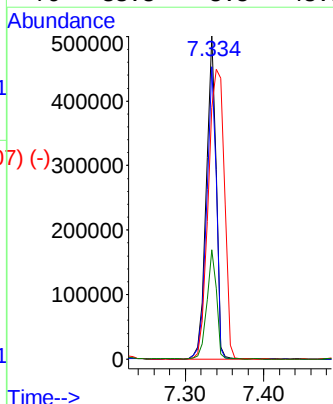
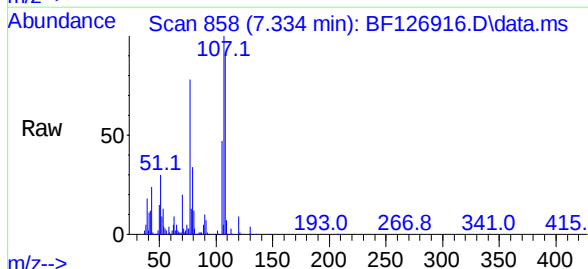
Instrument :
BNA_F
ClientSampleId :
PB142708BS

Tgt Ion:	70	Resp:	319812
Ion	Ratio	Lower	Upper
70	100		
42	56.8	45.8	68.8
101	9.9	6.9	10.3
130	20.7	14.4	21.6



#20
3+4-Methylphenols
Concen: 43.456 ng
RT: 7.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Tgt Ion:	107	Resp:	439431
Ion	Ratio	Lower	Upper
107	100		
108	90.5	72.4	112.4
77	77.8	83.8	123.8#
79	33.8	8.5	48.5



Abundance Scan 1008 (8.216 min): BF126908.D\data.ms (-10621)

Naphthalene-d8

Concen: 20.000 ng

RT: 8.216 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF126916.D

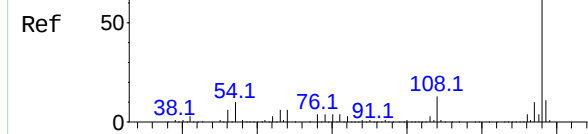
Acq: 16 Feb 2022 17:09

Instrument :

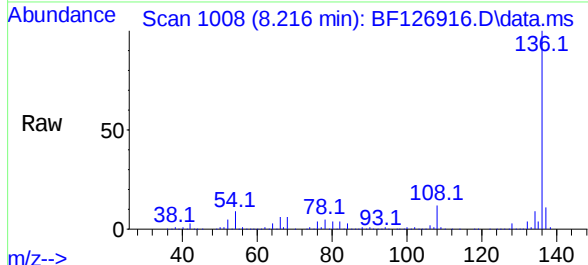
BNA_F

ClientSampleId :

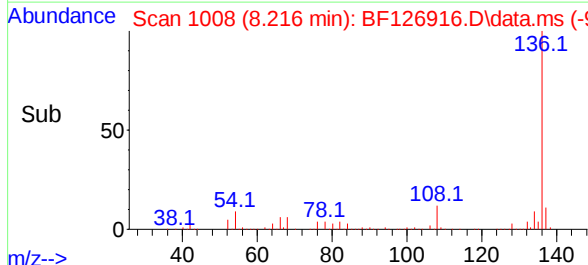
PB142708BS



m/z-->



m/z-->



m/z-->

Tgt Ion:136 Resp: 542487

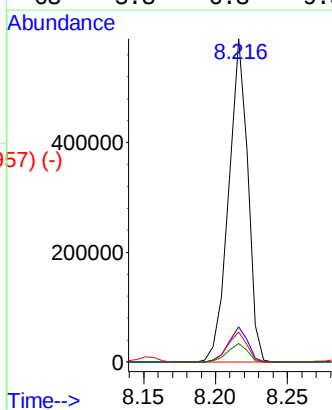
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.4 7.8 11.6

68 5.8 6.3 9.5#



Abundance Scan 860 (7.345 min): BF126908.D\data.ms (-85372)

Acetophenone

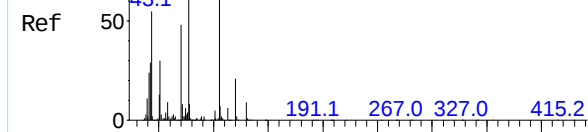
Concen: 41.303 ng

RT: 7.345 min Scan# 860

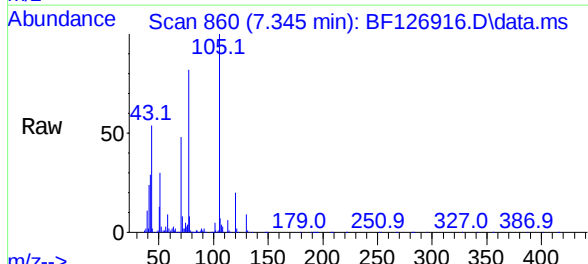
Delta R.T. 0.000 min

Lab File: BF126916.D

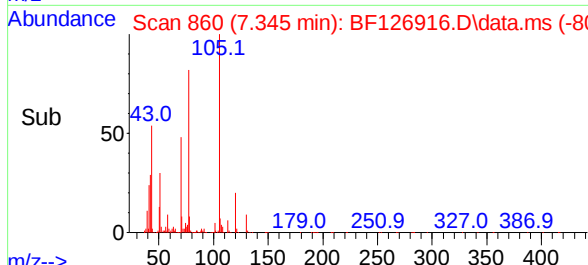
Acq: 16 Feb 2022 17:09



m/z-->



m/z-->



m/z-->

Tgt Ion:105 Resp: 589937

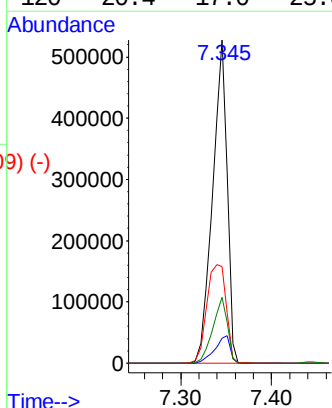
Ion Ratio Lower Upper

105 100

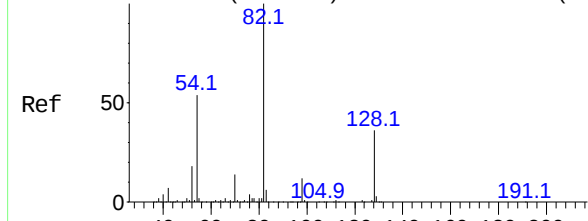
71 7.7 5.4 8.0

51 29.8 27.4 41.0

120 20.4 17.0 25.6



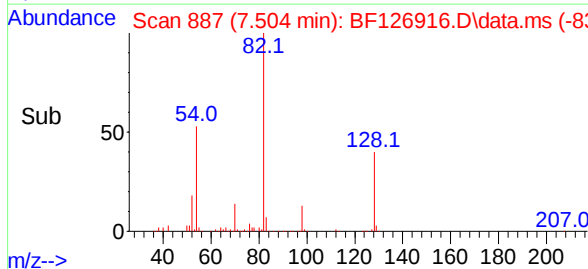
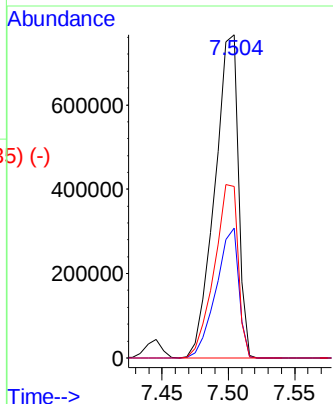
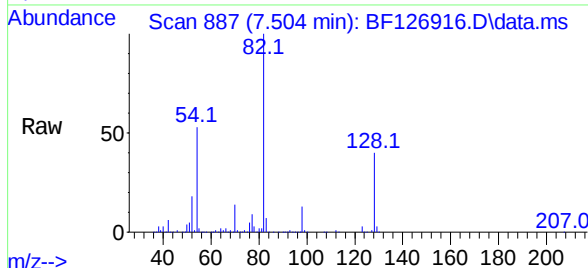
Abundance Scan 886 (7.498 min): BF126908.D\data.ms (-880) #23



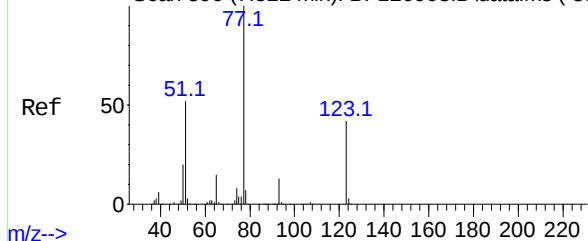
Nitrobenzene-d5
Concen: 78.308 ng
RT: 7.504 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Instrument :
BNA_F
ClientSampleId :
PB142708BS

Tgt Ion: 82 Resp: 941158
Ion Ratio Lower Upper
82 100
128 40.1 32.7 49.1
54 53.1 41.7 62.5

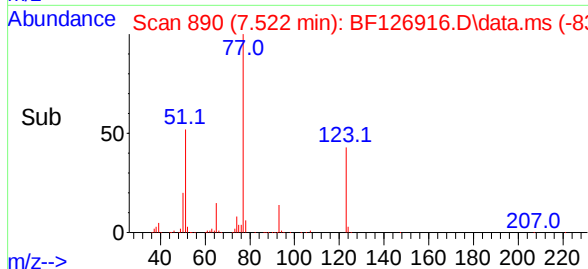
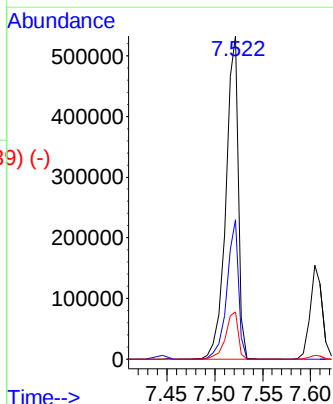
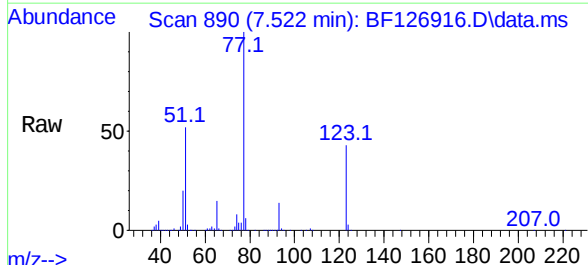


Abundance Scan 890 (7.522 min): BF126908.D\data.ms (-881) #24

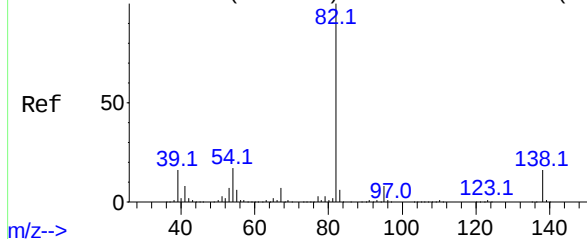


Nitrobenzene
Concen: 42.861 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Tgt Ion: 77 Resp: 486633
Ion Ratio Lower Upper
77 100
123 43.2 34.6 52.0
65 14.7 10.6 15.8



Abundance Scan 930 (7.757 min): BF126908.D\data.ms (-923) #25



Isophorone

Concen: 44.109 ng

RT: 7.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

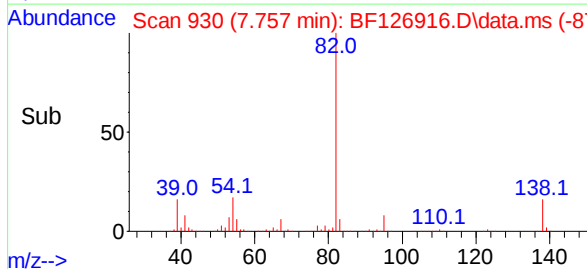
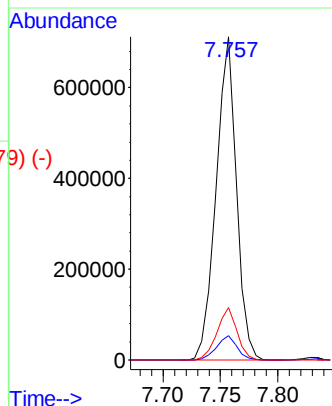
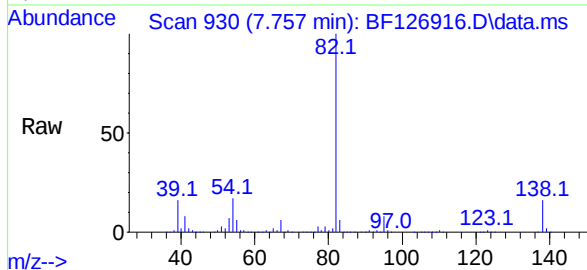
Tgt Ion: 82 Resp: 877220

Ion Ratio Lower Upper

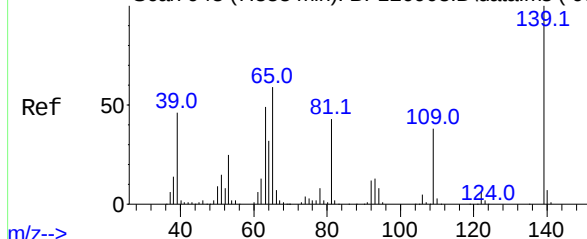
82 100

95 7.5 5.0 7.4#

138 16.3 12.3 18.5



Abundance Scan 943 (7.833 min): BF126908.D\data.ms (-937) #26



2-Nitrophenol

Concen: 42.873 ng

RT: 7.834 min Scan# 943

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

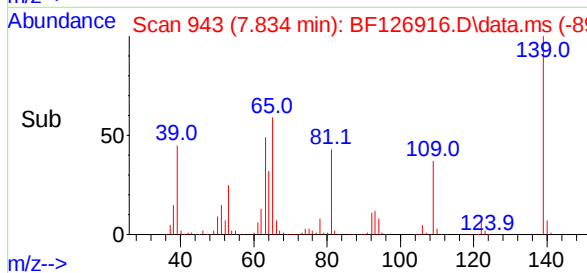
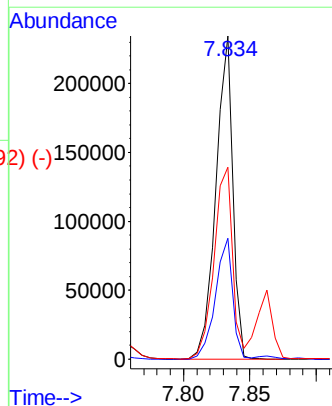
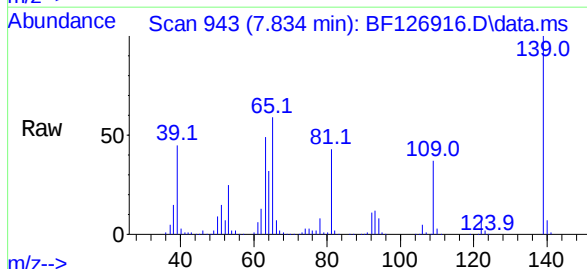
Tgt Ion: 139 Resp: 207250

Ion Ratio Lower Upper

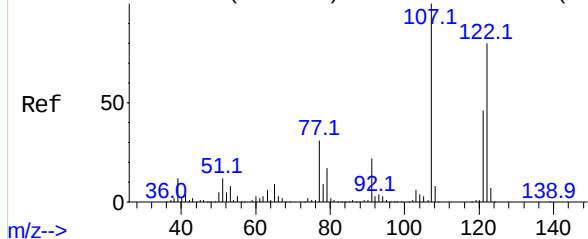
139 100

109 37.3 20.0 30.0#

65 59.5 40.8 61.2



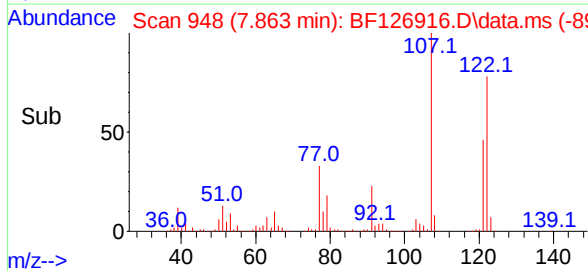
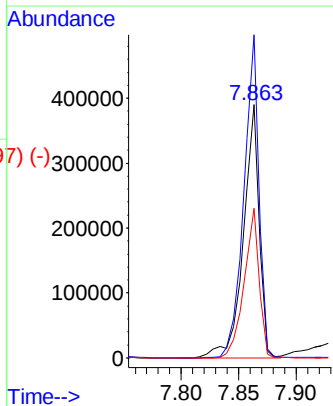
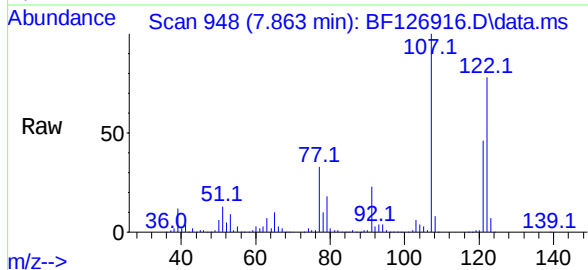
Abundance Scan 948 (7.863 min): BF126908.D\data.ms (-938) #27



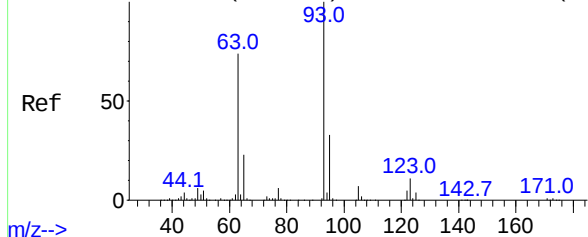
2,4-Dimethylphenol
Concen: 46.764 ng
RT: 7.863 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Instrument :
BNA_F
ClientSampleId :
PB142708BS

Tgt Ion:	122	Resp:	371368
Ion	Ratio	Lower	Upper
122	100		
107	127.6	91.2	136.8
121	59.0	44.4	66.6

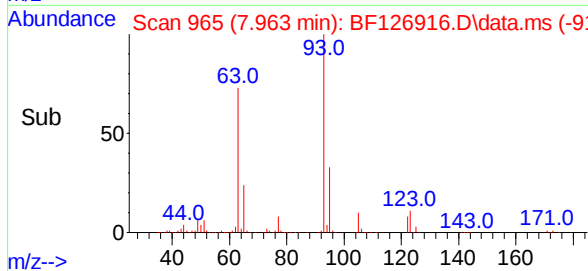
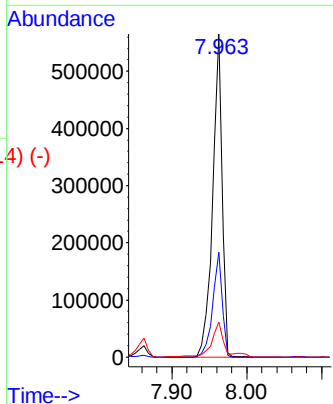
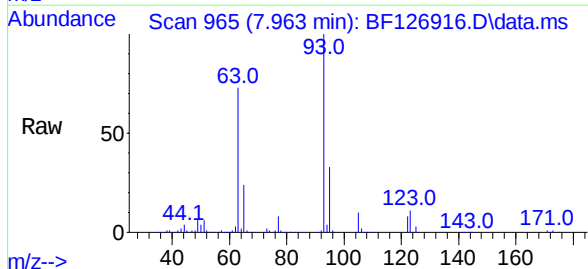


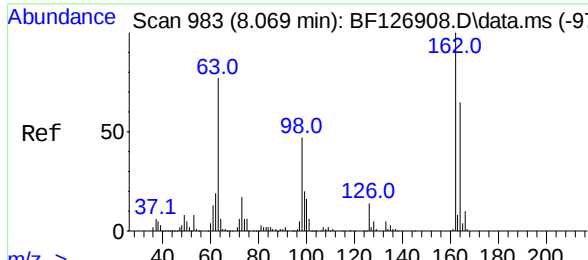
Abundance Scan 965 (7.963 min): BF126908.D\data.ms (-958) #28



bis(2-Chloroethoxy)methane
Concen: 41.688 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Tgt Ion:	93	Resp:	502624
Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.2
123	10.8	8.9	13.3

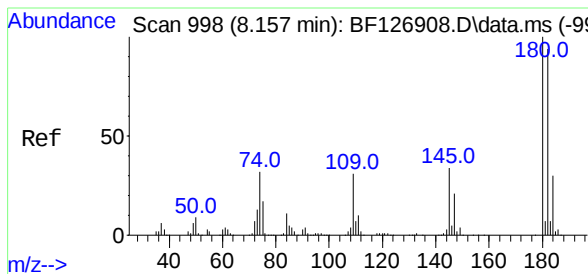
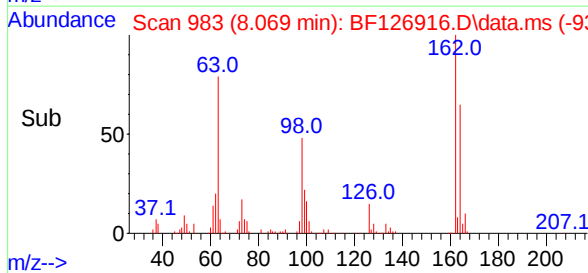
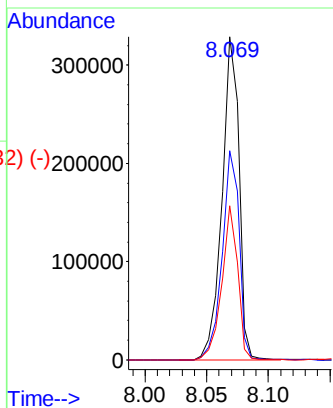
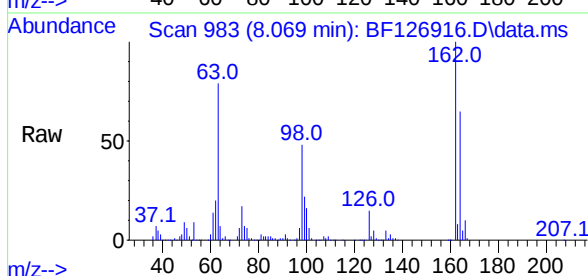




#29
 2,4-Dichlorophenol
 Concen: 42.249 ng
 RT: 8.069 min Scan# 983
 Delta R.T. 0.000 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

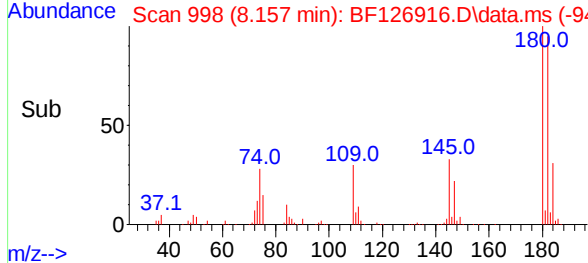
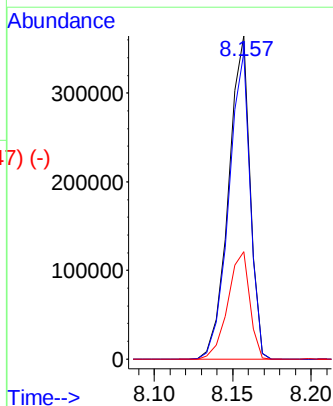
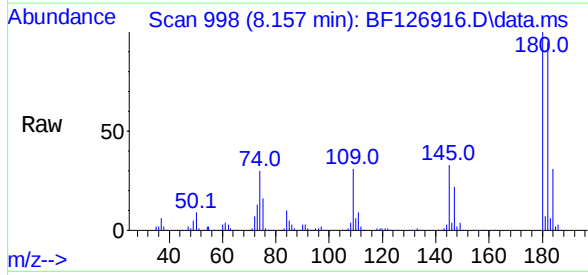
Instrument :
 BNA_F
 ClientSampleId :
 PB142708BS

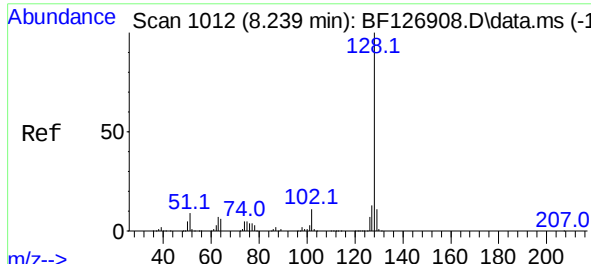
Tgt Ion:	162	Resp:	315436
Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.8	83.8
98	47.6	23.6	63.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.299 ng
 RT: 8.157 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

Tgt Ion:	180	Resp:	344724
Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.5	113.3
145	33.2	26.2	39.2

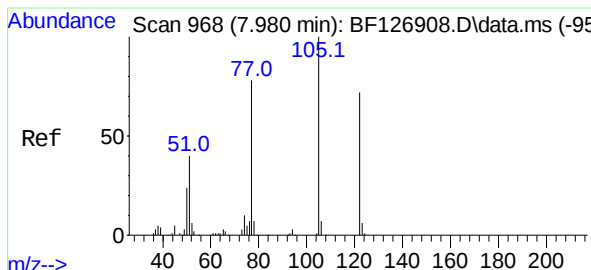
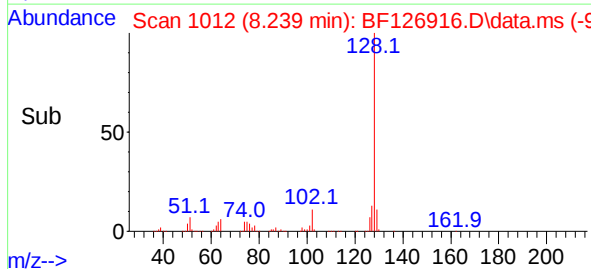
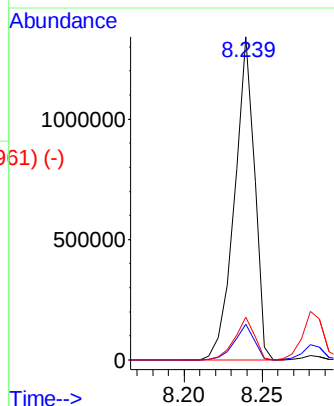
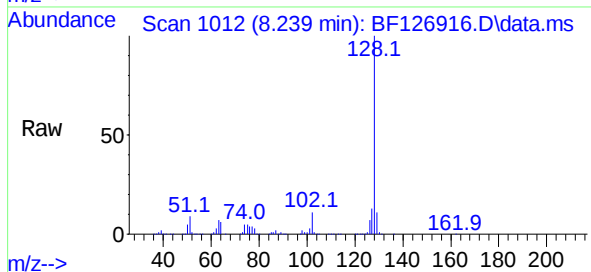




Naphthalene
Concen: 41.764 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

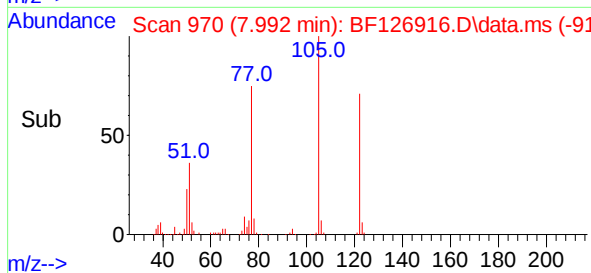
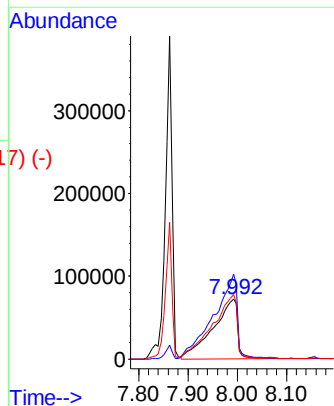
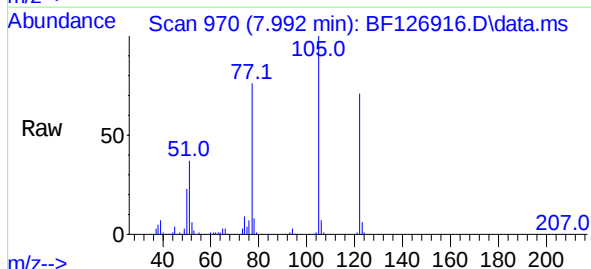
Instrument :
BNA_F
ClientSampleId :
PB142708BS

Tgt Ion:128 Resp: 1182718
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.3 15.5

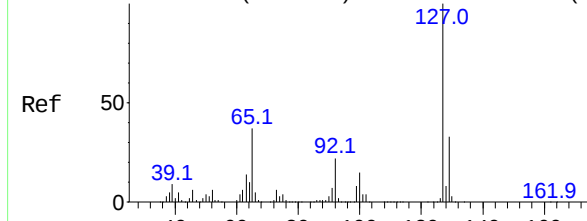


Benzoic acid
Concen: 44.787 ng
RT: 7.992 min Scan# 970
Delta R.T. 0.012 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Tgt Ion:122 Resp: 252235
Ion Ratio Lower Upper
122 100
105 141.8 101.0 141.0#
77 107.1 74.5 114.5



Abundance Scan 1020 (8.286 min): BF126908.D\data.ms (-1053)



4-Chloroaniline

Concen: 17.451 ng

RT: 8.281 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

Tgt Ion:127 Resp: 194517

Ion Ratio Lower Upper

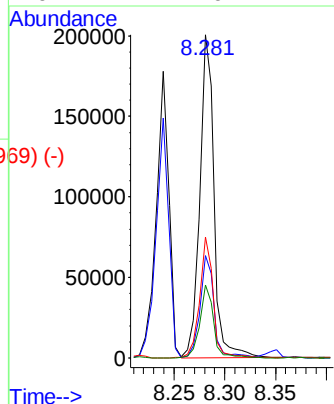
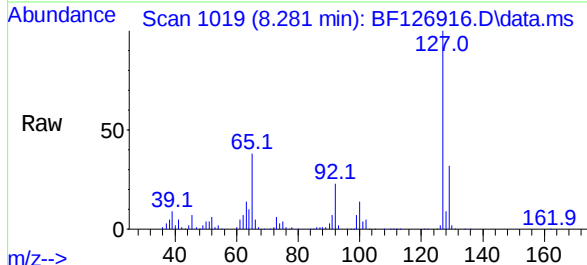
127 100

129 31.7 26.5 39.7

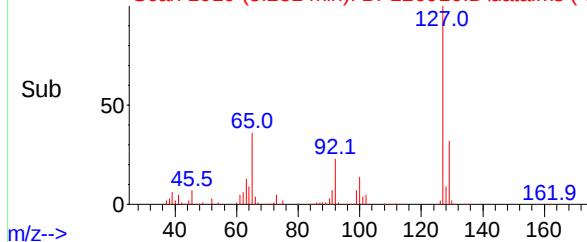
65 37.5 26.6 39.8

92 22.7 16.1 24.1

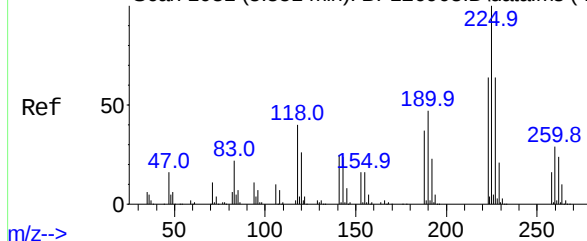
Abundance Scan 1019 (8.281 min): BF126916.D\data.ms



Abundance Scan 1019 (8.281 min): BF126916.D\data.ms (-969) (-)



Abundance Scan 1031 (8.351 min): BF126908.D\data.ms (-1025)



Hexachlorobutadiene

Concen: 40.457 ng

RT: 8.351 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Tgt Ion:225 Resp: 197154

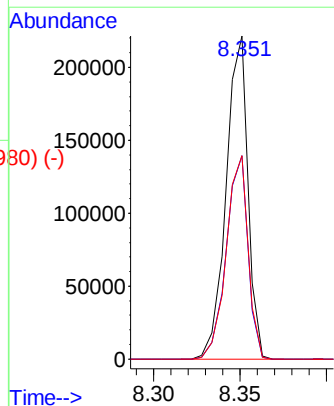
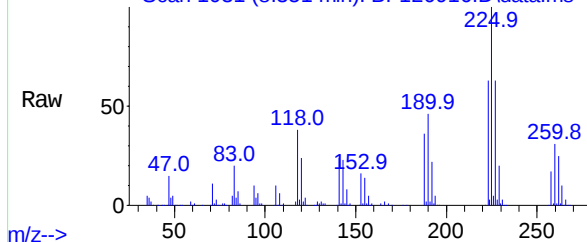
Ion Ratio Lower Upper

225 100

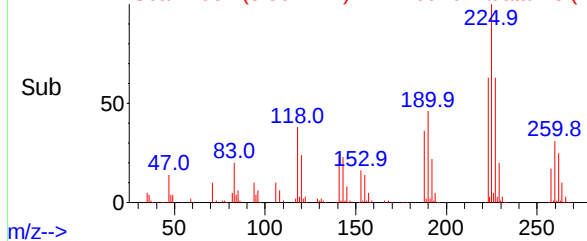
223 62.9 48.6 73.0

227 63.0 51.4 77.0

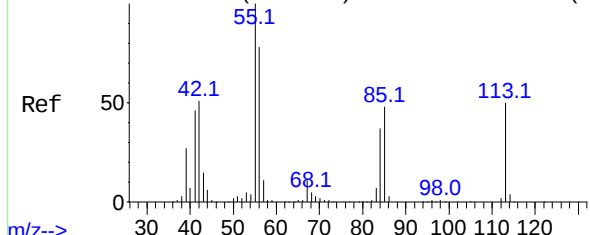
Abundance Scan 1031 (8.351 min): BF126916.D\data.ms



Abundance Scan 1031 (8.351 min): BF126916.D\data.ms (-980) (-)



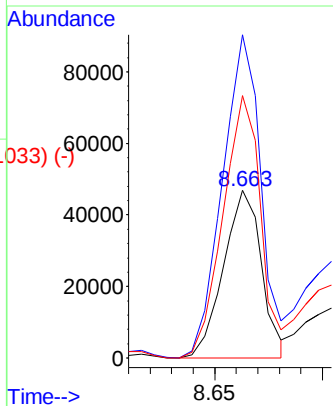
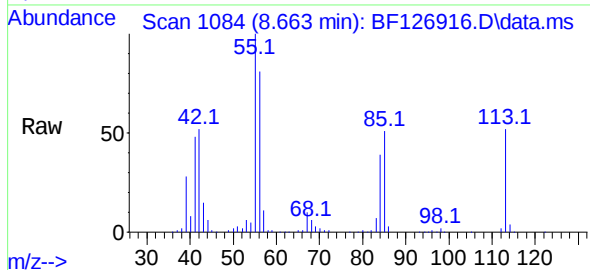
Abundance Scan 1084 (8.663 min): BF126908.D\data.ms (-1033) (-)



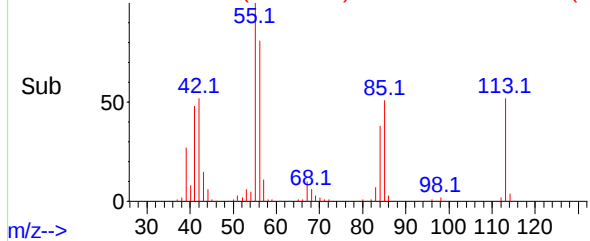
Caprolactam
Concen: 22.097 ng
RT: 8.663 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Instrument :
BNA_F
ClientSampleId :
PB142708BS

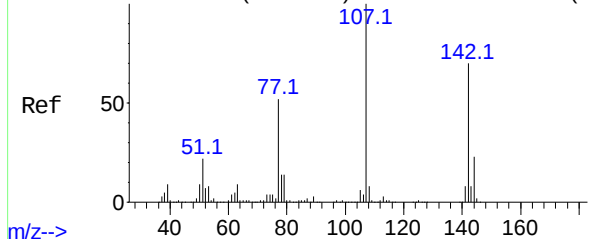
Tgt Ion:113 Resp: 57613
Ion Ratio Lower Upper
113 100
55 193.0 183.9 223.9
56 156.7 129.9 169.9



Abundance Scan 1084 (8.663 min): BF126916.D\data.ms (-1033) (-)

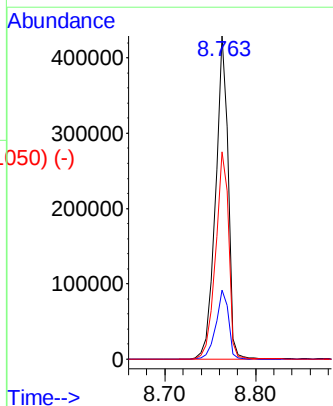
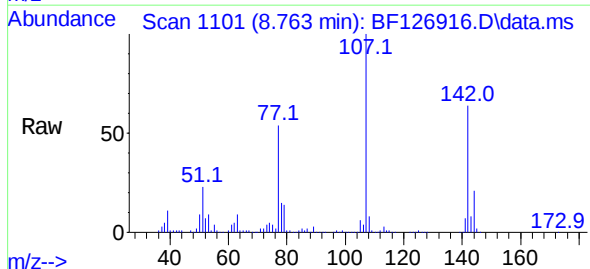


Abundance Scan 1101 (8.763 min): BF126908.D\data.ms (-1033) (-)

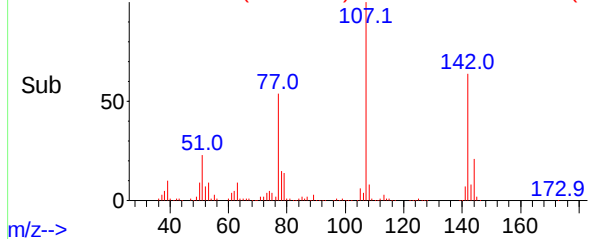


4-Chloro-3-methylphenol
Concen: 43.416 ng
RT: 8.763 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

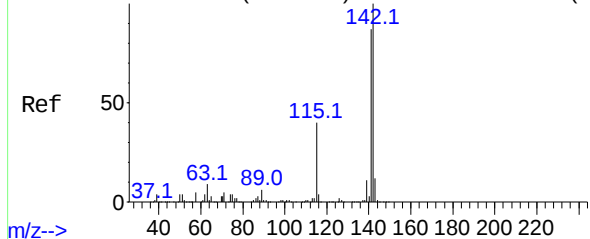
Tgt Ion:107 Resp: 414268
Ion Ratio Lower Upper
107 100
144 21.3 18.5 27.7
142 64.1 58.1 87.1



Abundance Scan 1101 (8.763 min): BF126916.D\data.ms (-1050) (-)



Abundance Scan 1129 (8.927 min): BF126908.D\data.ms (-1129)



2-Methylnaphthalene

Concen: 42.419 ng

RT: 8.934 min Scan# 1129

Delta R.T. 0.006 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

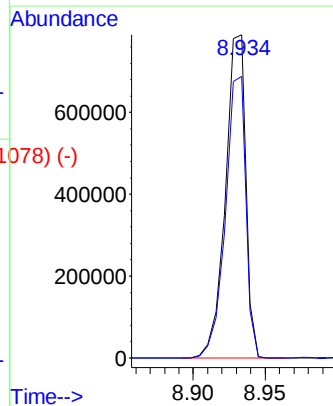
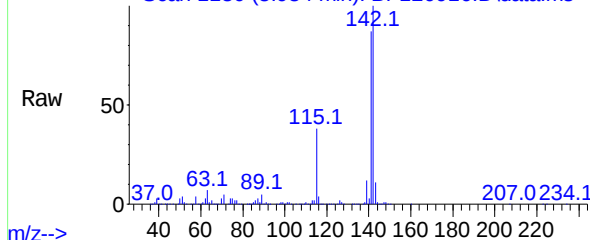
Tgt Ion:142 Resp: 779477

Ion Ratio Lower Upper

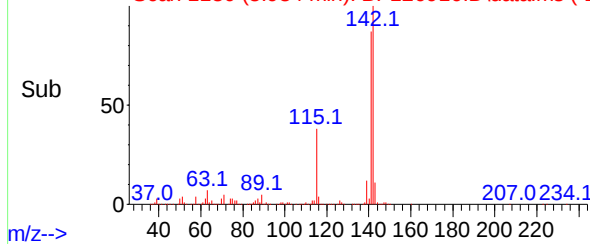
142 100

141 87.2 68.6 102.8

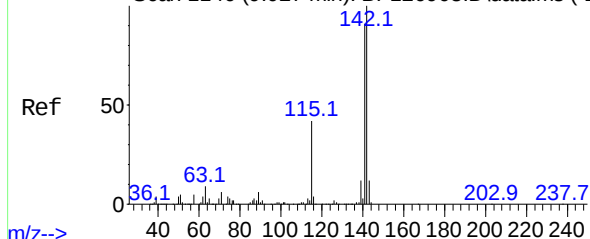
Abundance Scan 1130 (8.934 min): BF126916.D\data.ms



Abundance Scan 1130 (8.934 min): BF126916.D\data.ms (-1078) (-)



Abundance Scan 1146 (9.027 min): BF126908.D\data.ms (-1146)



1-Methylnaphthalene

Concen: 41.272 ng

RT: 9.028 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

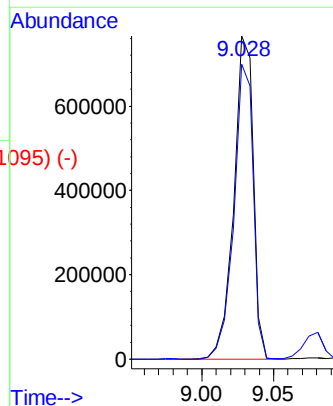
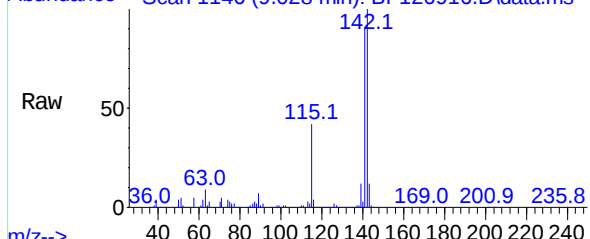
Tgt Ion:142 Resp: 726234

Ion Ratio Lower Upper

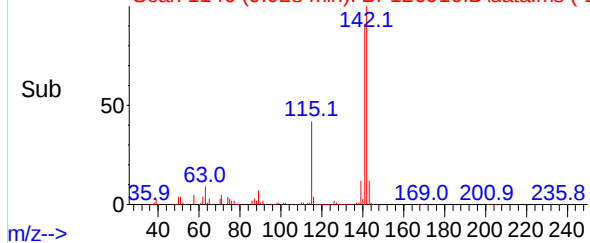
142 100

141 91.3 72.1 108.1

Abundance Scan 1146 (9.028 min): BF126916.D\data.ms



Abundance Scan 1146 (9.028 min): BF126916.D\data.ms (-1095) (-)



Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1309)

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

Tgt Ion:164 Resp: 268178

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

160 44.0 36.6 54.8

m/z-->

Abundance Scan 1307 (9.975 min): BF126916.D\data.ms

Raw

162.2

80.1

54.1

108.1

132.1

m/z-->

Abundance Scan 1307 (9.975 min): BF126916.D\data.ms (-1256)

Sub

162.2

80.1

54.1

108.1

132.1

m/z-->

Abundance

9.975

300000

200000

100000

0

Time-->

Abundance Scan 1157 (9.092 min): BF126908.D\data.ms (-1154)

1,2,4,5-Tetrachlorobenzene

Concen: 43.657 ng

RT: 9.092 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Tgt Ion:216 Resp: 308193

Ion Ratio Lower Upper

216 100

214 79.1 64.6 96.8

179 24.4 19.5 29.3

108 29.2 21.1 31.7

m/z-->

Abundance Scan 1157 (9.092 min): BF126916.D\data.ms

Raw

215.9

74.1

108.0

143.0

178.9

271.8

m/z-->

Abundance Scan 1157 (9.092 min): BF126916.D\data.ms (-1106)

Sub

215.9

74.1

108.0

143.0

178.9

271.8

m/z-->

Abundance

9.092

300000

200000

100000

0

Time-->

Abundance Scan 1155 (9.080 min): BF126908.D\data.ms (-11491-)

Hexachlorocyclopentadiene

Concen: 103.639 ng

RT: 9.081 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

Tgt Ion:237 Resp: 396809

Ion Ratio Lower Upper

237 100

235 62.8 38.9 78.9

272 14.1 0.0 33.5

Abundance Scan 1155 (9.081 min): BF126916.D\data.ms

m/z-->

Abundance Scan 1155 (9.081 min): BF126916.D\data.ms

m/z-->

Abundance Scan 1155 (9.081 min): BF126916.D\data.ms (-1104) (-)

m/z-->

Abundance

9.081

400000

300000

200000

100000

0

9.05 9.10

Time-->

Abundance Scan 1442 (10.769 min): BF126908.D\data.ms (-14363-)

2,4,6-Tribromophenol

Concen: 126.922 ng

RT: 10.769 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Tgt Ion:330 Resp: 391899

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 34.7 30.1 45.1

Abundance Scan 1442 (10.769 min): BF126916.D\data.ms

m/z-->

Abundance Scan 1442 (10.769 min): BF126916.D\data.ms

m/z-->

Abundance Scan 1442 (10.769 min): BF126916.D\data.ms (-1391) (-)

m/z-->

Abundance

10.769

400000

300000

200000

100000

0

10.80

Time-->

Abundance Scan 1176 (9.204 min): BF126908.D\data.ms (-117043)

2,4,6-Trichlorophenol

Concen: 42.165 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF126916.D

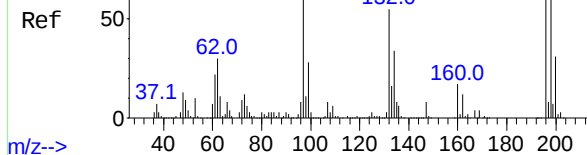
Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS



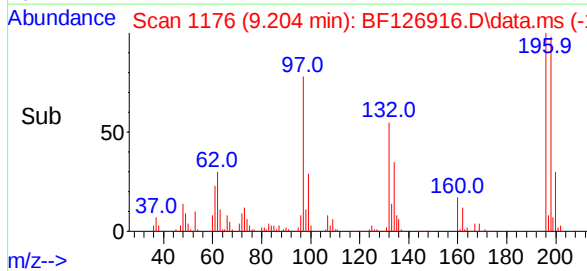
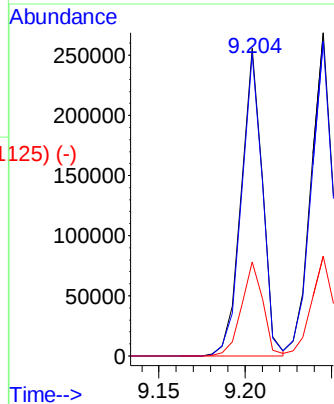
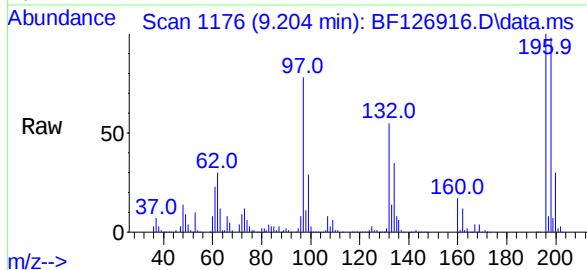
Tgt Ion:196 Resp: 218313

Ion Ratio Lower Upper

196 100

198 98.2 78.5 117.7

200 30.5 24.9 37.3



Abundance Scan 1182 (9.239 min): BF126908.D\data.ms (-117044)

2,4,5-Trichlorophenol

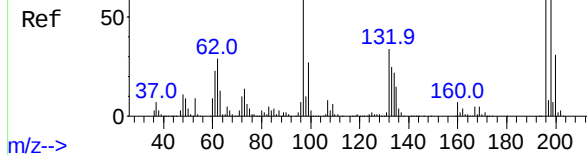
Concen: 42.871 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09



Tgt Ion:196 Resp: 233583

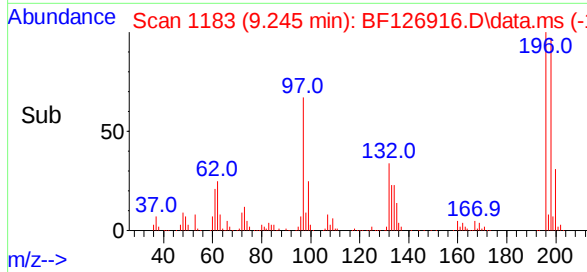
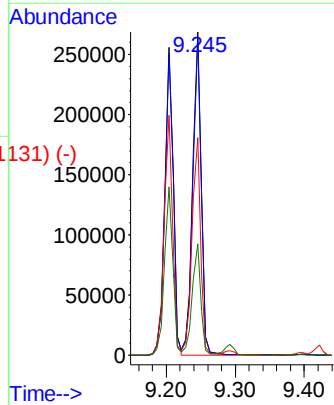
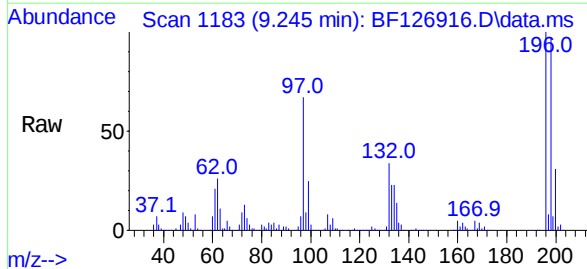
Ion Ratio Lower Upper

196 100

198 97.5 82.0 123.0

97 67.3 53.5 80.3

132 34.4 28.7 43.1



Abundance Scan 1191 (9.292 min): BF126908.D\data.ms (-11854)

2-Fluorobiphenyl

Concen: 80.066 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

Tgt Ion:172 Resp: 1458544

Ion Ratio Lower Upper

172 100

171 36.6 28.3 42.5

170 23.3 19.0 28.6

m/z-->

Abundance Scan 1191 (9.292 min): BF126916.D\data.ms

172.1

197.8

146.1

120.1

85.1

51.1

m/z-->

Abundance Scan 1191 (9.292 min): BF126916.D\data.ms (-11407)

172.1

195.9

146.1

120.1

85.0

51.0

m/z-->

Abundance

1500000

9.292

1000000

500000

0

Time-->

Abundance Scan 1208 (9.392 min): BF126908.D\data.ms (-12046)

1,1'-Biphenyl

Concen: 43.525 ng

RT: 9.392 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Tgt Ion:154 Resp: 924785

Ion Ratio Lower Upper

154 100

153 39.7 19.0 59.0

76 14.3 0.0 34.5

m/z-->

Abundance Scan 1208 (9.392 min): BF126916.D\data.ms

154.1

195.8

128.1

102.1

76.1

51.1

m/z-->

Abundance Scan 1208 (9.392 min): BF126916.D\data.ms (-11576)

154.1

195.8

128.1

102.1

76.0

51.0

m/z-->

Abundance

800000

9.392

600000

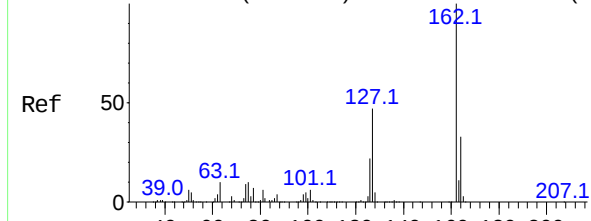
400000

200000

0

Time-->

Abundance Scan 1213 (9.422 min): BF126908.D\data.ms (-120617)



2-Chloronaphthalene

Concen: 42.296 ng

RT: 9.422 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

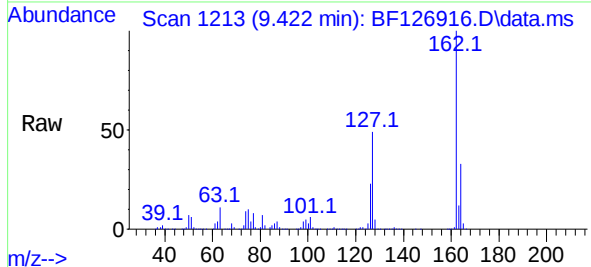
Instrument :

BNA_F

ClientSampleId :

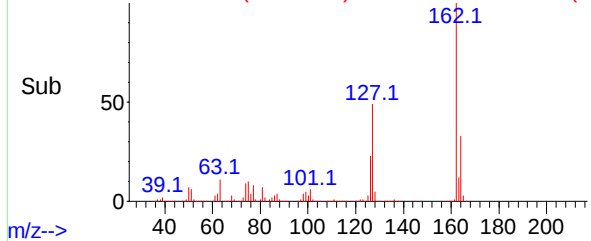
PB142708BS

m/z-->

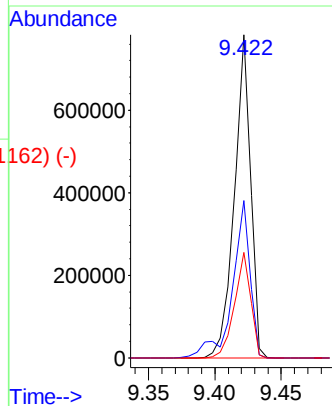


m/z-->

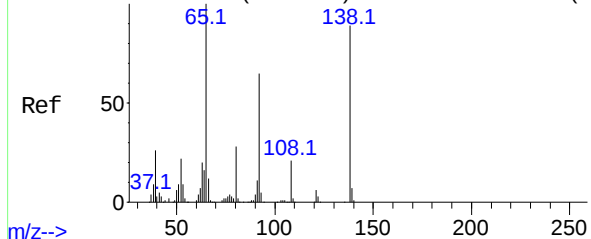
Abundance Scan 1213 (9.422 min): BF126916.D\data.ms (-1162) (-)



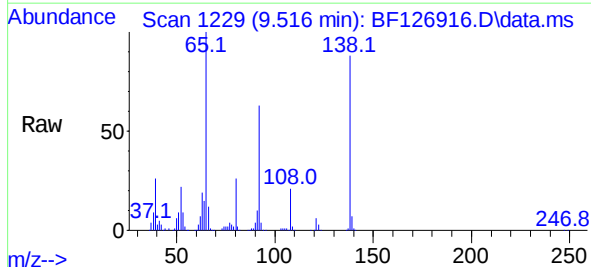
m/z-->



Abundance Scan 1229 (9.516 min): BF126908.D\data.ms (-12248)

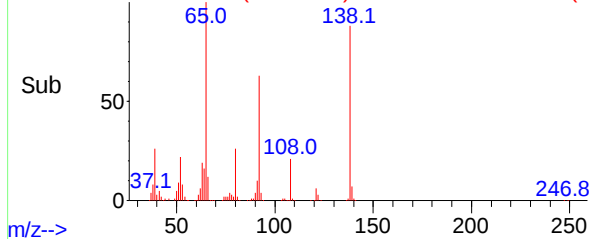


m/z-->



m/z-->

Abundance Scan 1229 (9.516 min): BF126916.D\data.ms (-1178) (-)



m/z-->

2-Nitroaniline

Concen: 43.652 ng

RT: 9.516 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

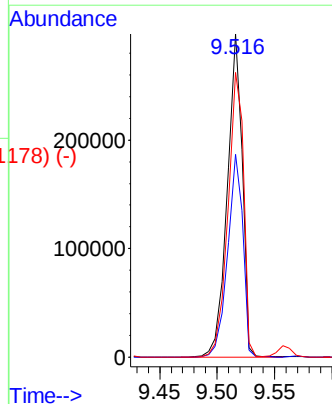
Tgt Ion: 65 Resp: 271409

Ion Ratio Lower Upper

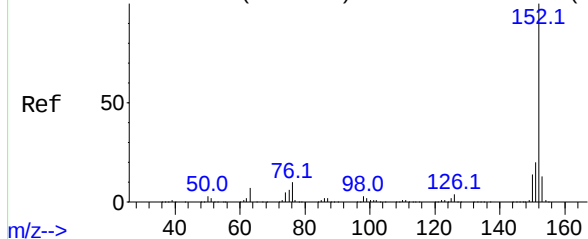
65 100

92 62.7 54.4 81.6

138 88.0 72.5 108.7



Abundance Scan 1284 (9.839 min): BF126908.D\data.ms (-12749)



Acenaphthylene

Concen: 44.478 ng

RT: 9.839 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

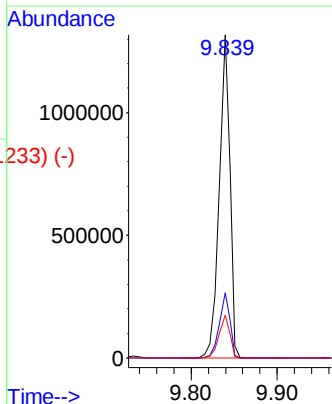
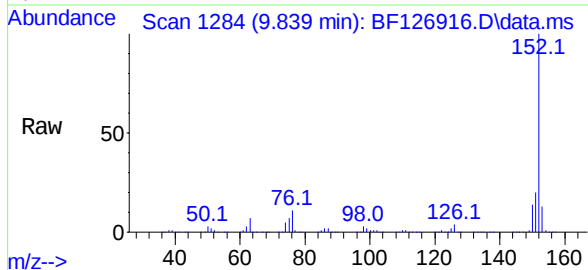
Tgt Ion:152 Resp: 1138357

Ion Ratio Lower Upper

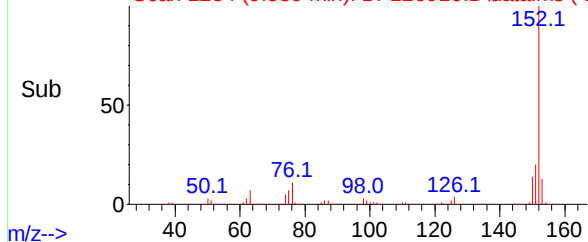
152 100

151 20.1 15.7 23.5

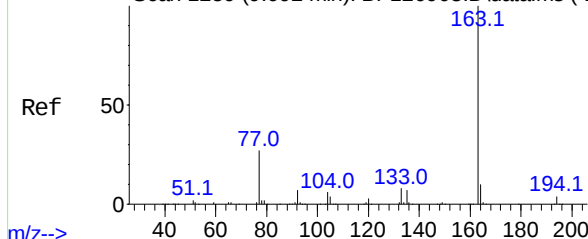
153 13.2 11.4 17.0



Abundance Scan 1284 (9.839 min): BF126916.D\data.ms (-1233) (-)



Abundance Scan 1259 (9.692 min): BF126908.D\data.ms (-12550)



Dimethylphthalate

Concen: 42.866 ng

RT: 9.698 min Scan# 1260

Delta R.T. 0.006 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

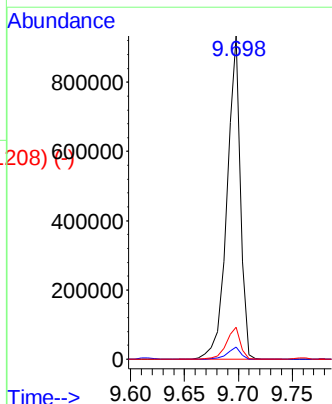
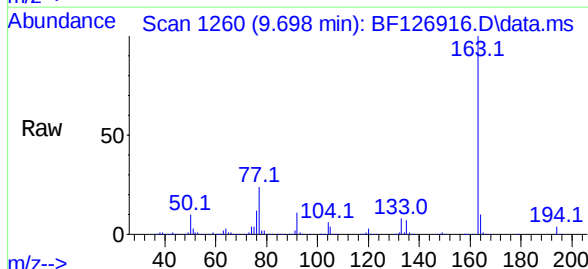
Tgt Ion:163 Resp: 821694

Ion Ratio Lower Upper

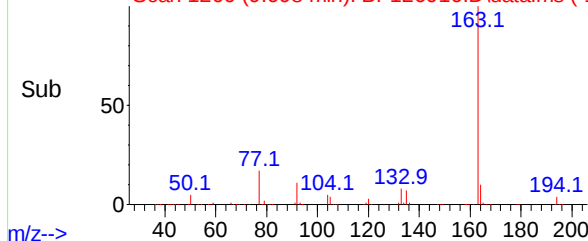
163 100

194 3.7 2.6 3.8

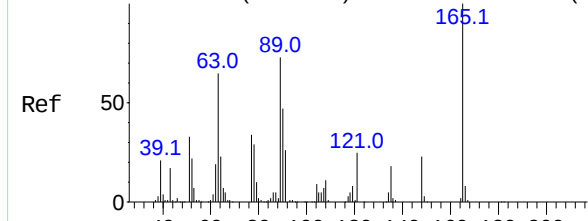
164 9.9 7.8 11.8



Abundance Scan 1260 (9.698 min): BF126916.D\data.ms (-1208) (-)



Abundance Scan 1270 (9.757 min): BF126908.D\data.ms (-12651-)



2,6-Dinitrotoluene

Concen: 45.512 ng

RT: 9.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

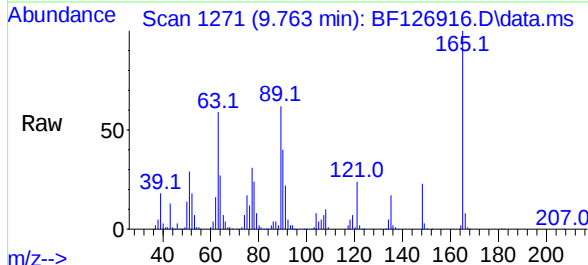
Instrument :

BNA_F

ClientSampleId :

PB142708BS

m/z-->



Tgt Ion:165 Resp: 177498

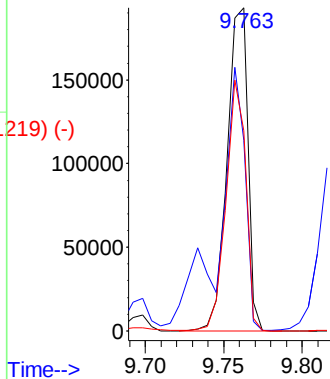
Ion Ratio Lower Upper

165 100

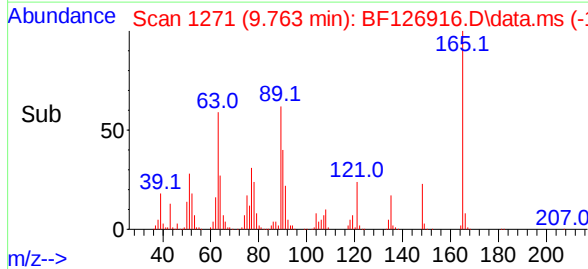
63 58.9 48.4 72.6

89 61.9 50.5 75.7

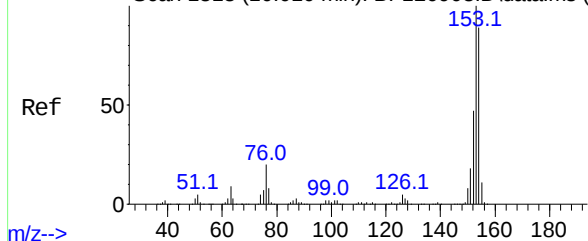
Abundance



m/z-->



Abundance Scan 1313 (10.010 min): BF126908.D\data.ms (-1354-)



Acenaphthene

Concen: 41.719 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Tgt Ion:154 Resp: 694411

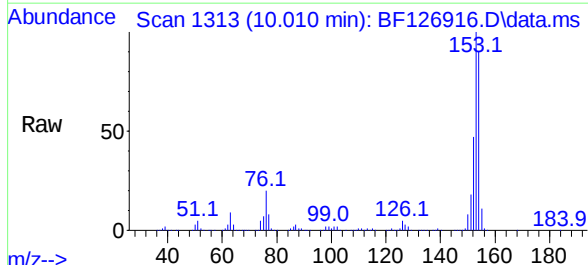
Ion Ratio Lower Upper

154 100

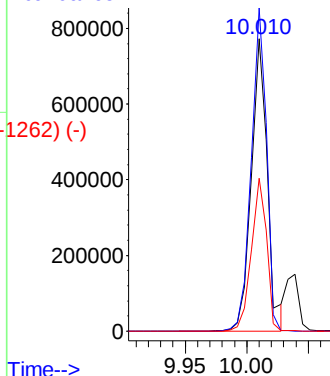
153 110.5 87.8 131.6

152 52.3 39.4 59.2

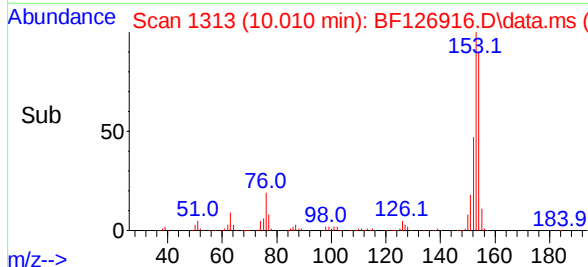
m/z-->



Abundance



m/z-->



Time-->

Abundance Scan 1299 (9.927 min): BF126908.D\data.ms (-1295)

3-Nitroaniline

Concen: 28.081 ng

RT: 9.928 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

Tgt Ion:138 Resp: 133872

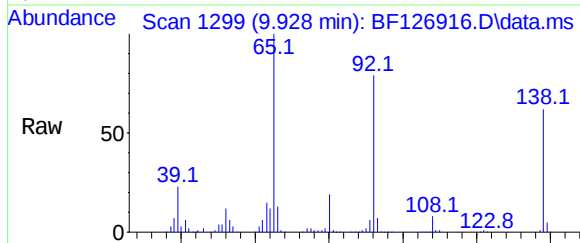
Ion Ratio Lower Upper

138 100

108 13.4 8.6 13.0#

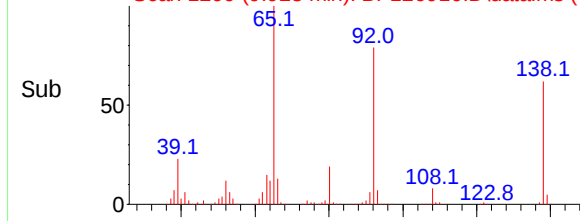
92 127.6 105.0 157.6

Abundance Scan 1299 (9.928 min): BF126916.D\data.ms

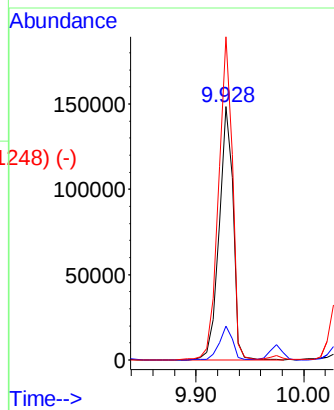


m/z-->

Abundance Scan 1299 (9.928 min): BF126916.D\data.ms (-1248) (-)



m/z-->



Abundance Scan 1317 (10.033 min): BF126908.D\data.ms (-1351)

2,4-Dinitrophenol

Concen: 92.372 ng

RT: 10.039 min Scan# 1318

Delta R.T. 0.006 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Tgt Ion:184 Resp: 190680

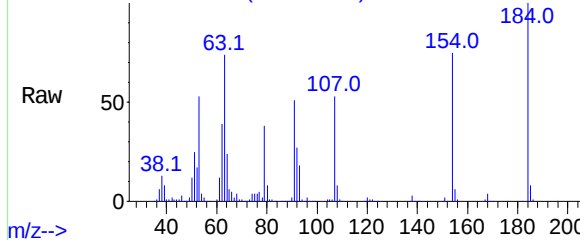
Ion Ratio Lower Upper

184 100

63 74.0 70.4 105.6

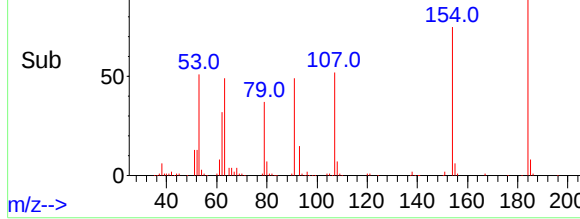
154 74.8 49.7 74.5#

Abundance Scan 1318 (10.039 min): BF126916.D\data.ms

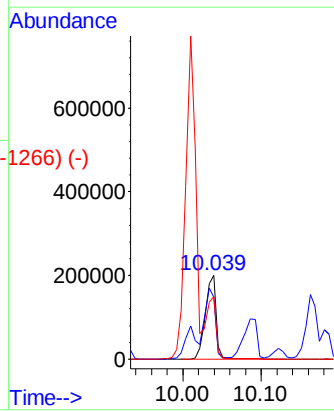


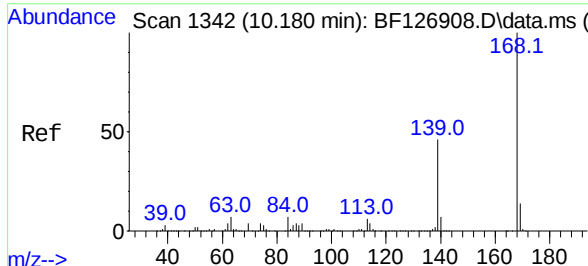
m/z-->

Abundance Scan 1318 (10.039 min): BF126916.D\data.ms (-1266) (-)



m/z-->

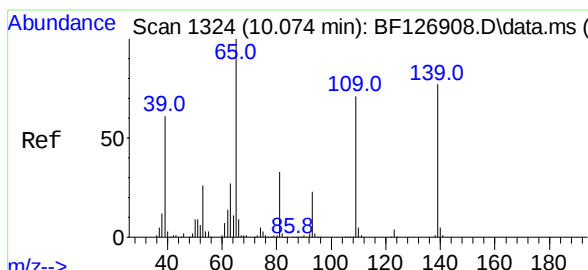
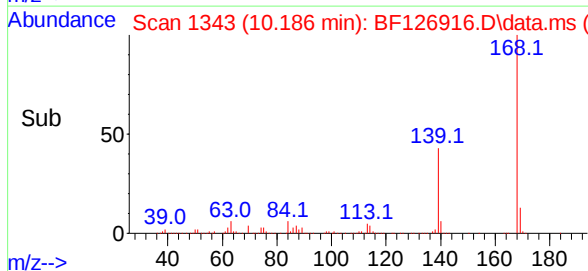
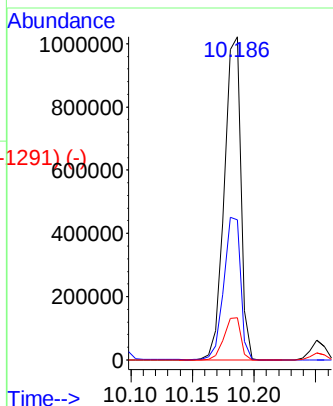
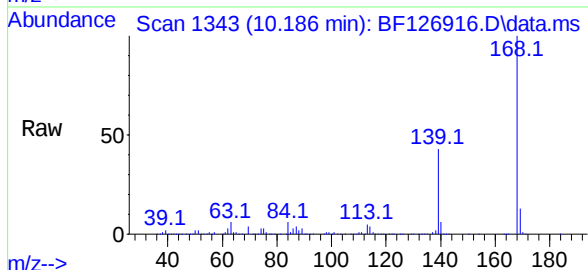




Dibenzofuran
Concen: 41.798 ng
RT: 10.186 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

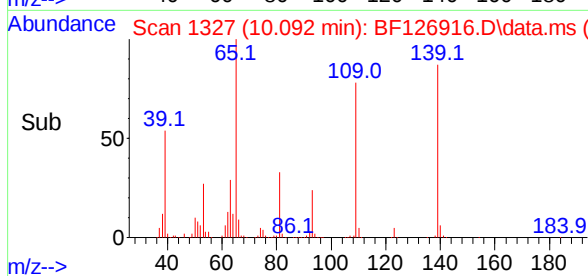
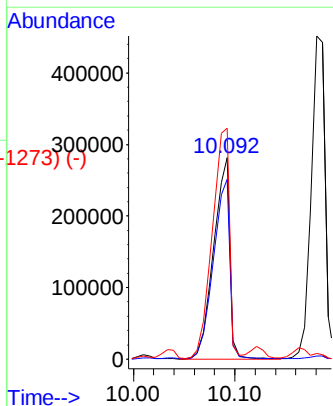
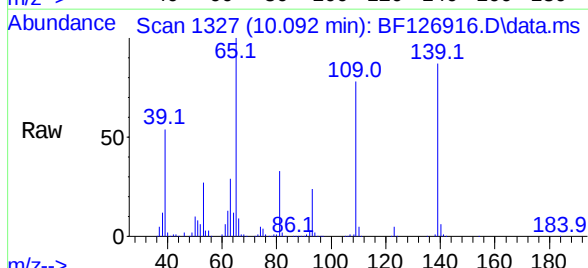
Instrument :
BNA_F
ClientSampleId :
PB142708BS

Tgt Ion:	168	Resp:	956670
Ion	Ratio	Lower	Upper
168	100		
139	43.3	30.6	46.0
169	13.0	10.0	15.0



4-Nitrophenol
Concen: 89.209 ng
RT: 10.092 min Scan# 1327
Delta R.T. 0.018 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Tgt Ion:	139	Resp:	314107
Ion	Ratio	Lower	Upper
139	100		
109	89.1	44.1	84.1#
65	114.7	85.5	125.5



Abundance Scan 1339 (10.163 min): BF126908.D\data.ms (-1358)

2,4-Dinitrotoluene

Concen: 46.032 ng

RT: 10.169 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF126916.D

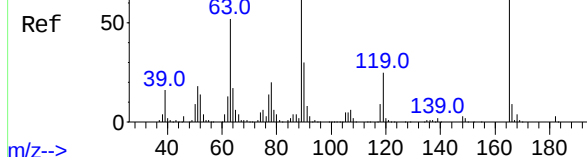
Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

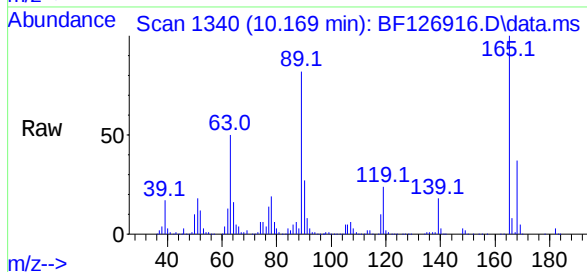
PB142708BS



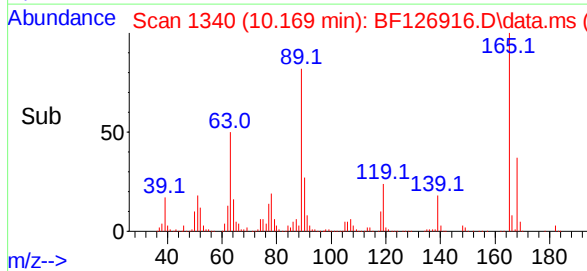
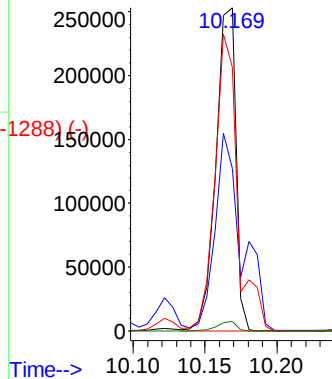
Tgt Ion:165 Resp: 242735

Ion Ratio Lower Upper

165	100		
63	50.2	43.0	64.6
89	81.6	71.0	106.4
182	3.0	1.6	2.4#



Abundance



Abundance Scan 1401 (10.527 min): BF126908.D\data.ms (-1358)

Fluorene

Concen: 42.466 ng

RT: 10.528 min Scan# 1401

Delta R.T. 0.000 min

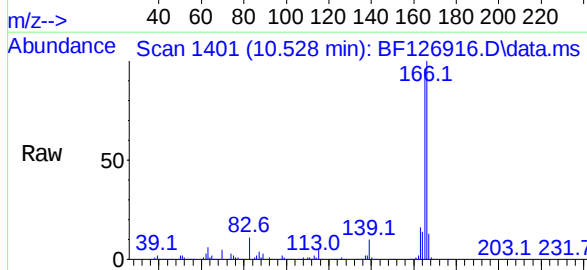
Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

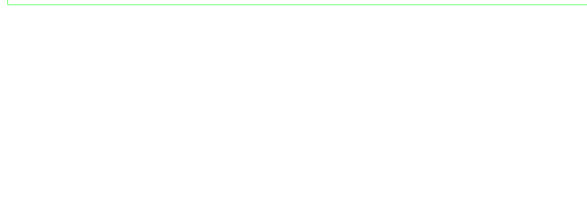
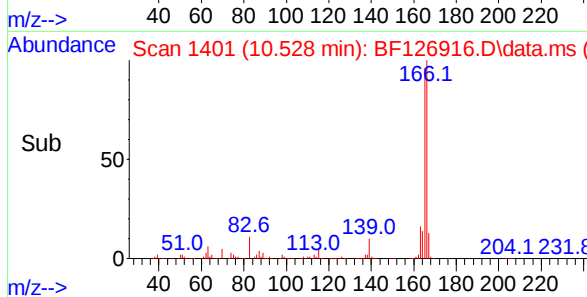
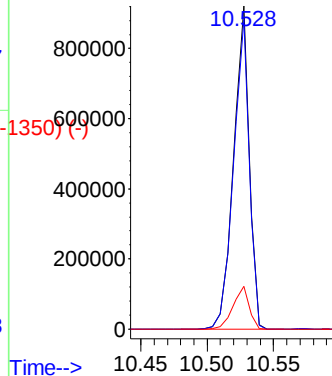
Tgt Ion:166 Resp: 757093

Ion Ratio Lower Upper

166	100		
165	95.9	77.7	116.5
167	13.2	10.7	16.1



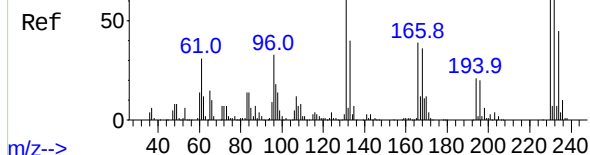
Abundance



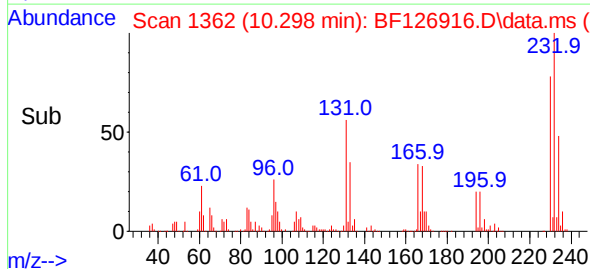
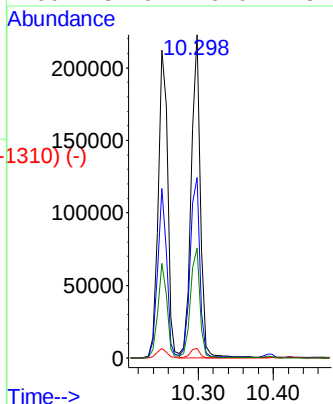
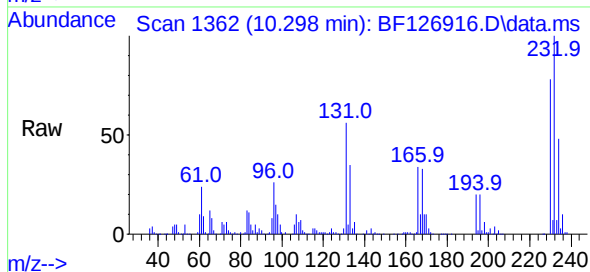
Abundance Scan 1361 (10.292 min): BF126908.D\data.ms (-1359) (-)

2,3,4,6-Tetrachlorophenol
Concen: 42.986 ng
RT: 10.298 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Instrument :
BNA_F
ClientSampleId :
PB142708BS



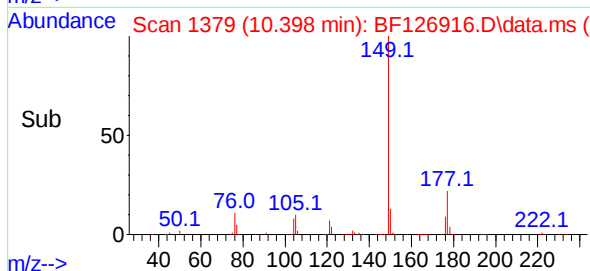
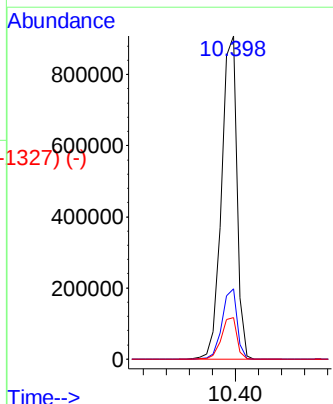
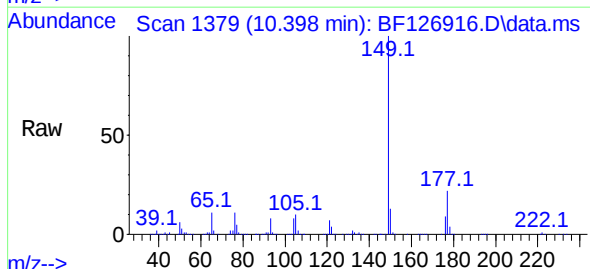
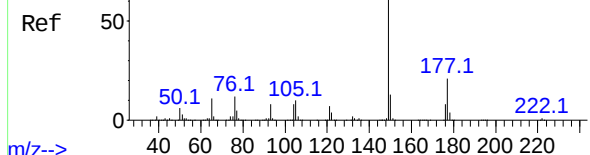
Tgt Ion:232 Resp: 185675
Ion Ratio Lower Upper
232 100
131 58.8 50.0 75.0
130 3.1 2.2 3.2
166 34.9 29.0 43.4

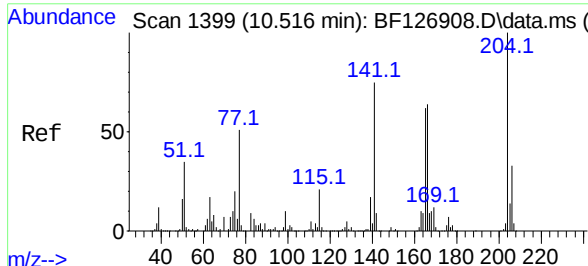


Abundance Scan 1378 (10.392 min): BF126908.D\data.ms (-1379) (-)

Diethylphthalate
Concen: 42.482 ng
RT: 10.398 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Tgt Ion:149 Resp: 850904
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.8 9.8 14.8

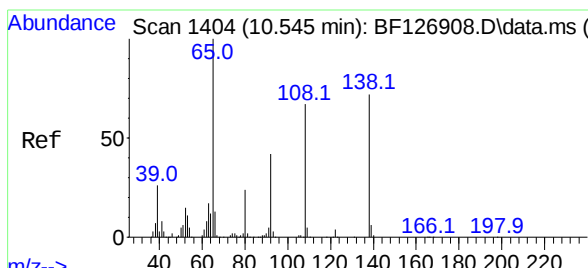
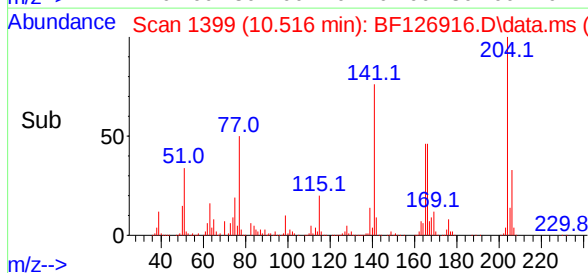
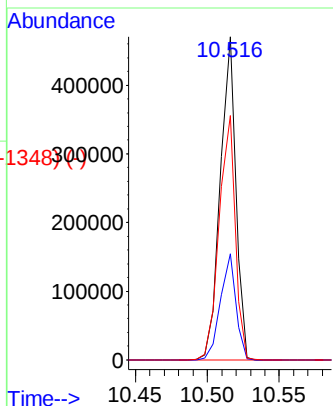
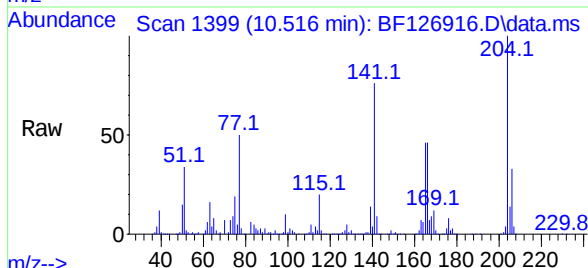




4-Chlorophenyl-phenylether
 Concen: 41.890 ng
 RT: 10.516 min Scan# 1399
 Delta R.T. 0.000 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

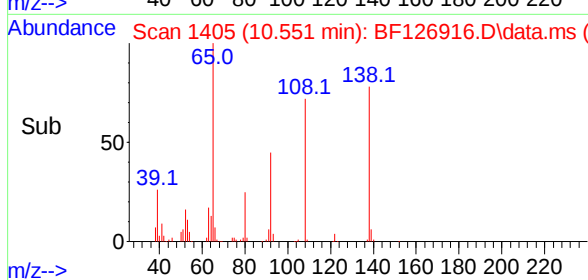
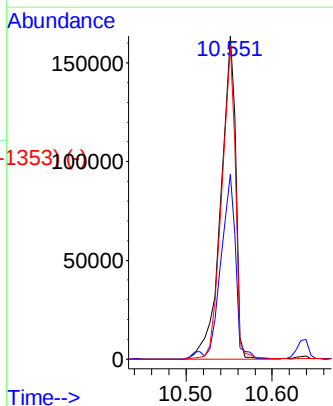
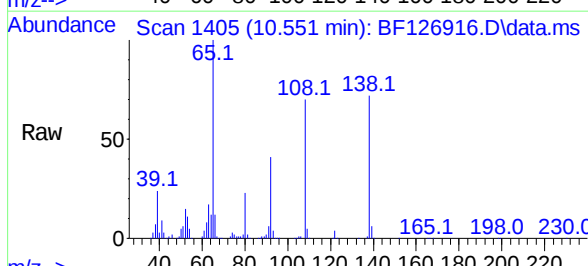
Instrument :
 BNA_F
 ClientSampleId :
 PB142708BS

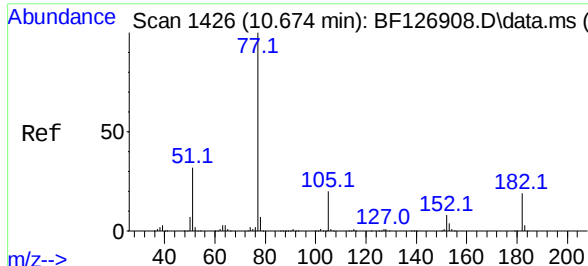
Tgt Ion:	204	Resp:	352155
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	75.7	59.0	88.6



4-Nitroaniline
 Concen: 42.619 ng
 RT: 10.551 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

Tgt Ion:	138	Resp:	200633
Ion	Ratio	Lower	Upper
138	100		
92	57.3	36.2	76.2
108	96.8	46.7	86.7#

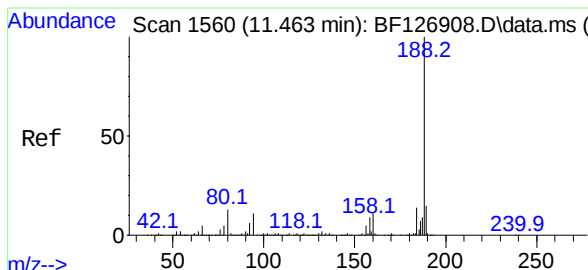
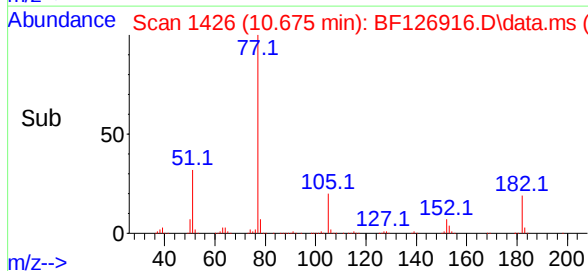
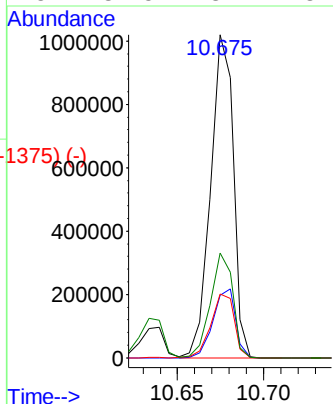
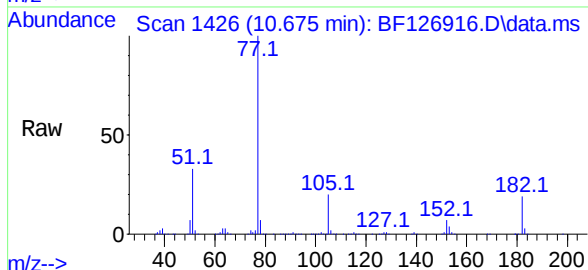




Azobenzene
Concen: 42.034 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

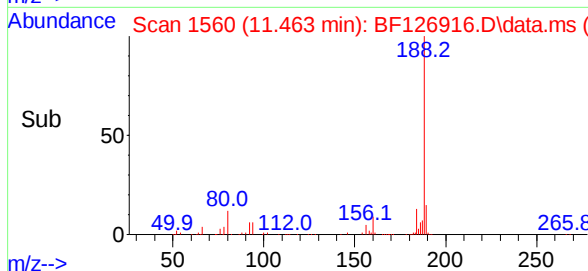
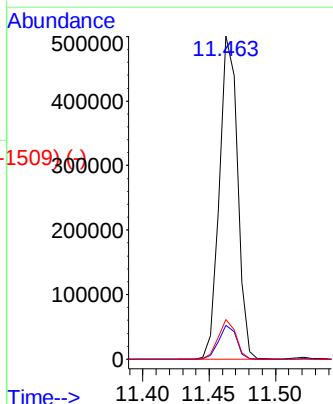
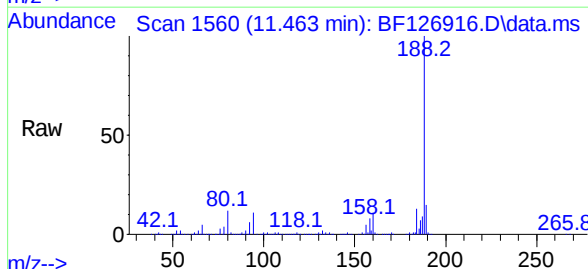
Instrument :
BNA_F
ClientSampleId :
PB142708BS

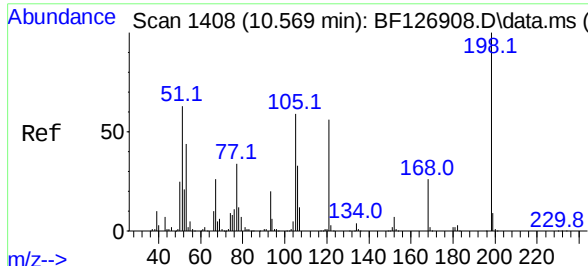
Tgt Ion:	77	Resp:	937510
Ion	Ratio	Lower	Upper
77	100		
182	19.3	0.0	39.0
105	19.8	3.2	43.2
51	32.5	8.2	48.2



Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Tgt Ion:	188	Resp:	472520
Ion	Ratio	Lower	Upper
188	100		
94	10.5	10.1	15.1
80	12.2	11.8	17.6

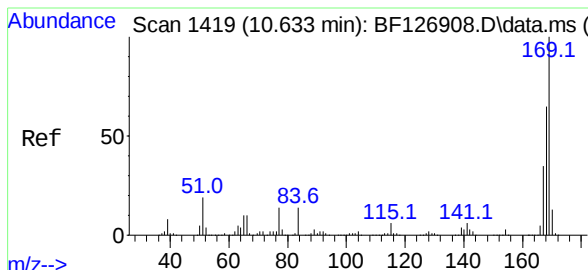
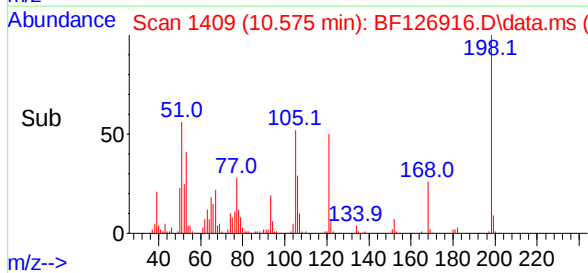
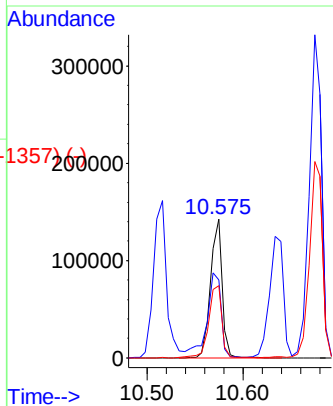
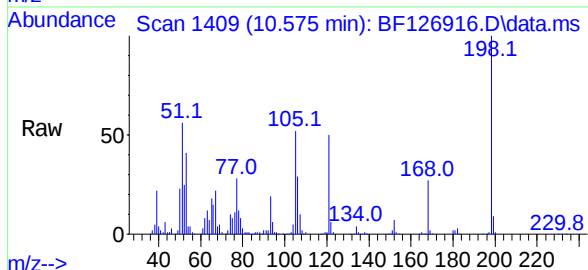




4,6-Dinitro-2-methylphenol
 Concen: 42.309 ng
 RT: 10.575 min Scan# 1409
 Delta R.T. 0.006 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

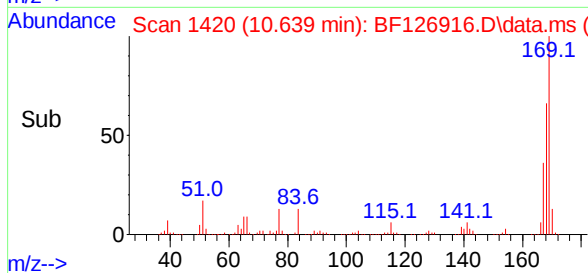
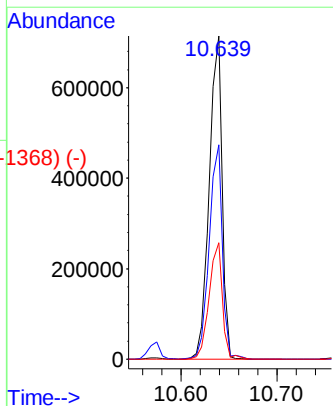
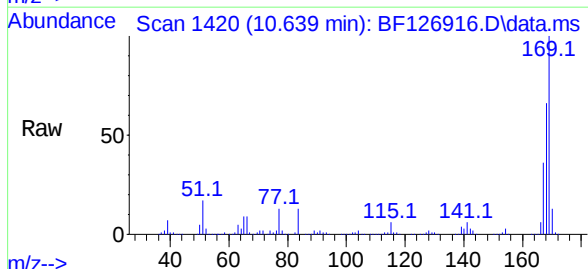
Instrument :
 BNA_F
 ClientSampleId :
 PB142708BS

Tgt Ion:	198	Resp:	117464
Ion	Ratio	Lower	Upper
198	100		
51	56.1	32.0	72.0
105	52.1	32.7	72.7



n-Nitrosodiphenylamine
 Concen: 42.392 ng
 RT: 10.639 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

Tgt Ion:	169	Resp:	656836
Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.0
167	36.0	29.4	44.0



Abundance Scan 1482 (11.004 min): BF126908.D\data.ms (-1482) (-)

4-Bromophenyl-phenylether

Concen: 42.201 ng

RT: 11.010 min Scan# 1482

Delta R.T. 0.006 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

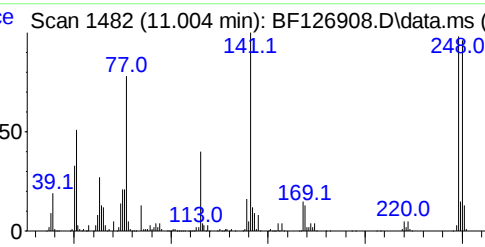
Instrument :

BNA_F

ClientSampleId :

PB142708BS

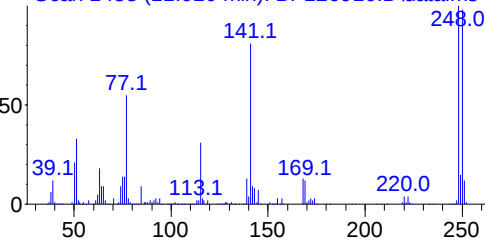
Ref



m/z-->

Abundance Scan 1483 (11.010 min): BF126916.D\data.ms

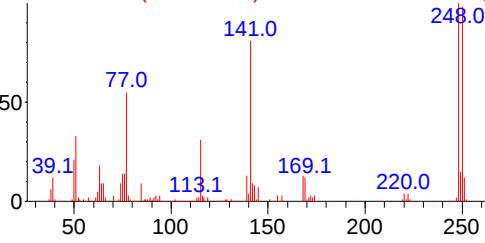
Raw



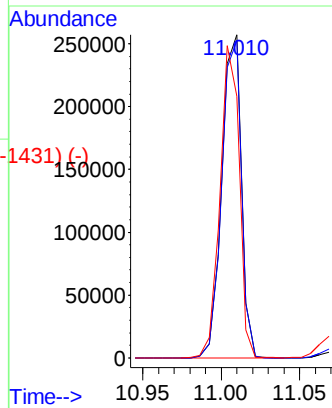
m/z-->

Abundance Scan 1483 (11.010 min): BF126916.D\data.ms (-1431) (-)

Sub



m/z-->



Abundance Scan 1493 (11.069 min): BF126908.D\data.ms (-1488) (-)

Hexachlorobenzene

Concen: 43.747 ng

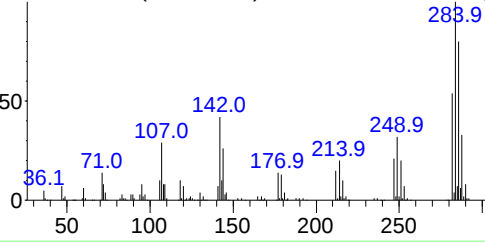
RT: 11.069 min Scan# 1493

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

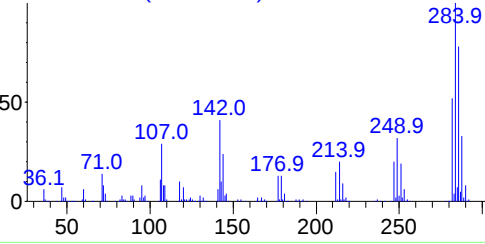
Ref



m/z-->

Abundance Scan 1493 (11.069 min): BF126916.D\data.ms

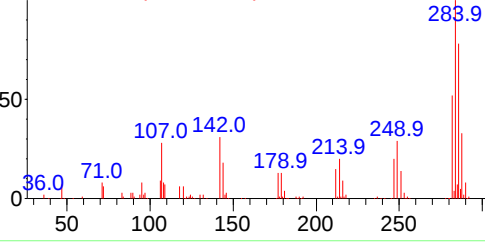
Raw



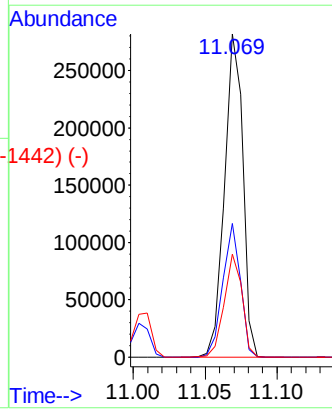
m/z-->

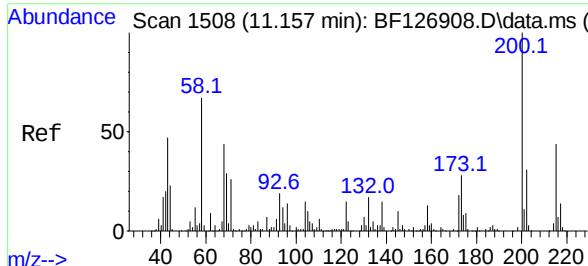
Abundance Scan 1493 (11.069 min): BF126916.D\data.ms (-1442) (-)

Sub



m/z-->

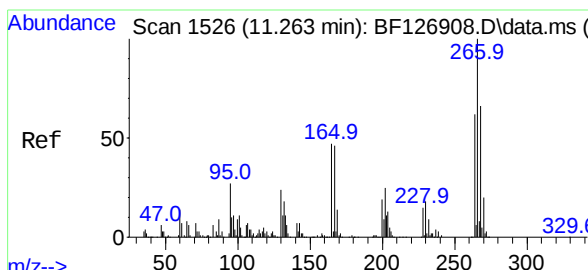
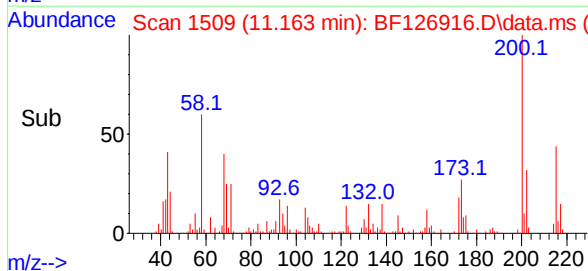
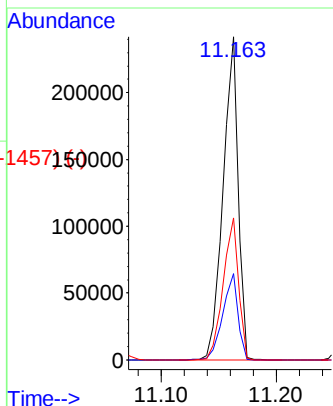
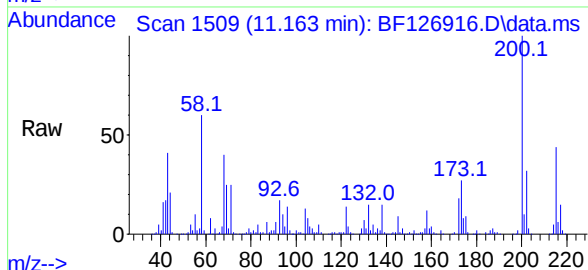




Atrazine
 Concen: 46.073 ng
 RT: 11.163 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

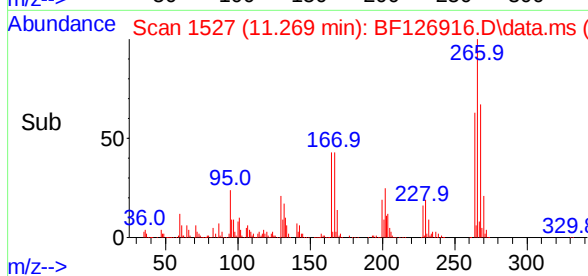
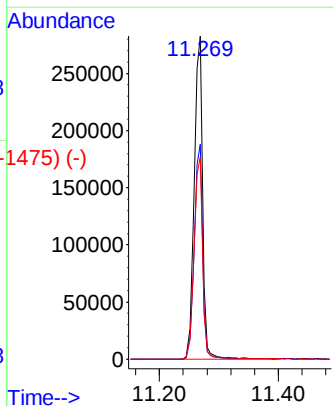
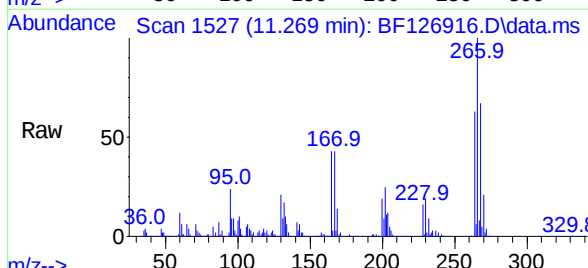
Instrument :
 BNA_F
 ClientSampleId :
 PB142708BS

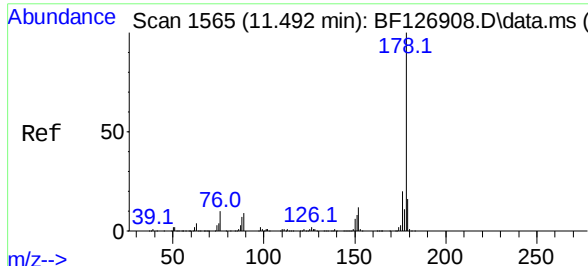
Tgt Ion:	200	Resp:	221405
Ion	Ratio	Lower	Upper
200	100		
173	26.7	9.2	49.2
215	43.9	23.2	63.2



Pentachlorophenol
 Concen: 88.819 ng
 RT: 11.269 min Scan# 1527
 Delta R.T. 0.006 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

Tgt Ion:	266	Resp:	275566
Ion	Ratio	Lower	Upper
266	100		
268	66.5	52.3	78.5
264	62.5	50.4	75.6



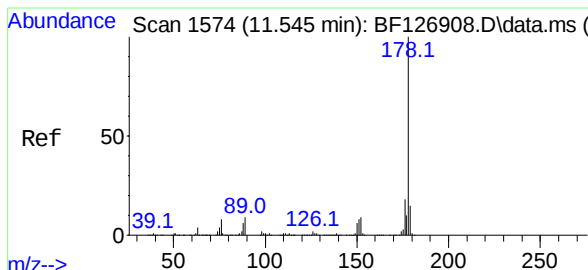
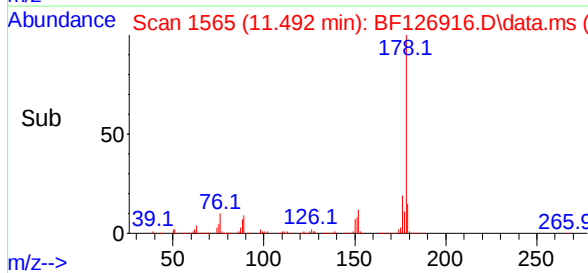
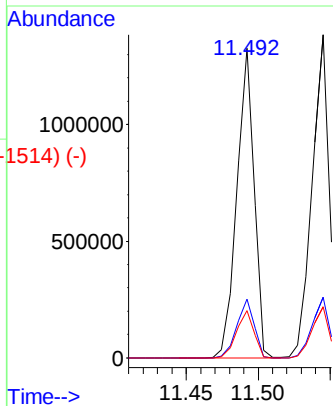
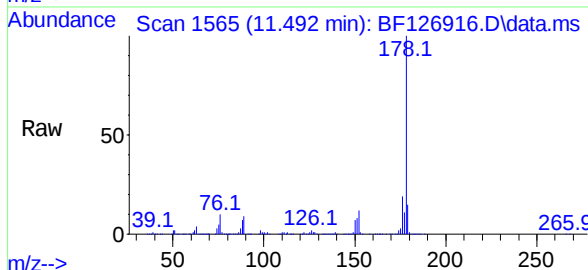


Scan 1565 (11.492 min): BF126908.D\data.ms (-1558) (-)
 Phenanthrene
 Concen: 42.374 ng
 RT: 11.492 min Scan# 1565
 Delta R.T. 0.000 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB142708BS

Tgt Ion:178 Resp: 1120705

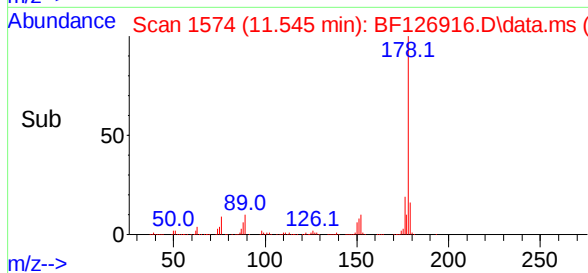
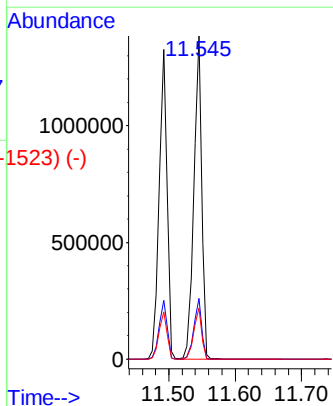
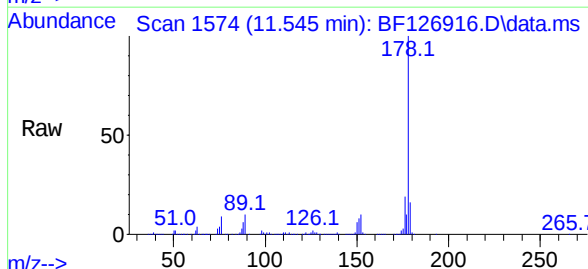
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.3	12.3	18.5

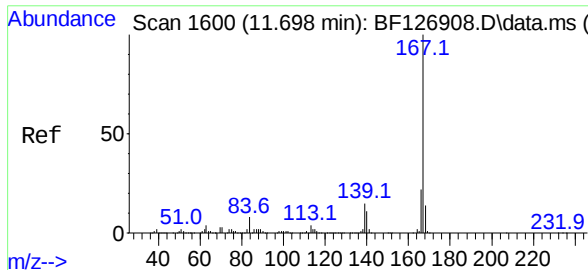


Scan 1574 (11.545 min): BF126908.D\data.ms (-1569) (-)
 Anthracene
 Concen: 43.458 ng
 RT: 11.545 min Scan# 1574
 Delta R.T. 0.000 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

Tgt Ion:178 Resp: 1144223

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.8	12.5	18.7



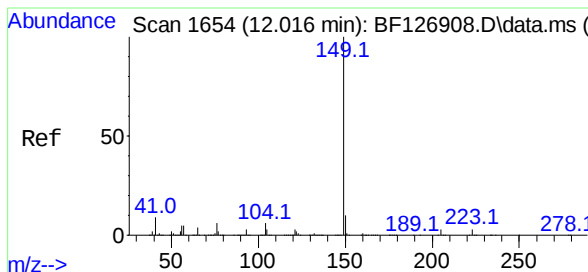
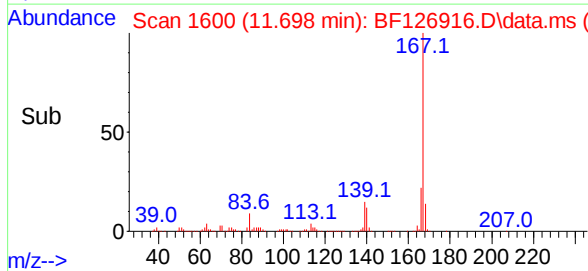
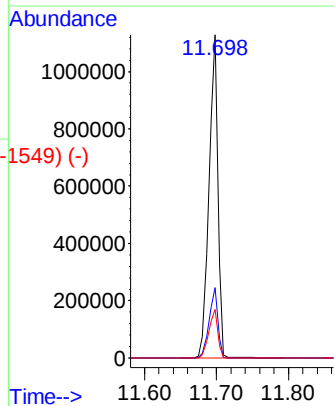
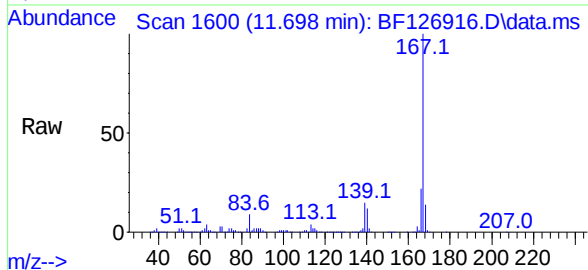


Carbazole
Concen: 40.387 ng
RT: 11.698 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Instrument :
BNA_F
ClientSampleId :
PB142708BS

Tgt Ion:167 Resp: 975156

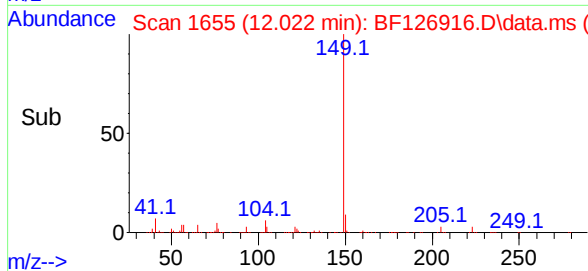
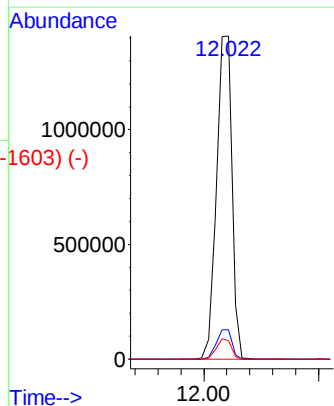
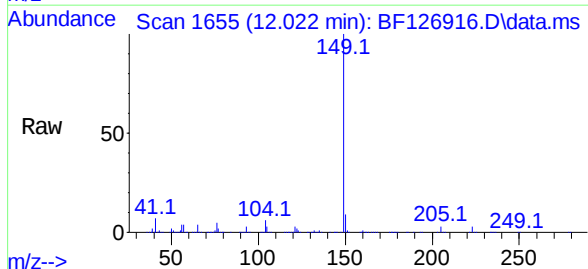
Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.9	25.3
139	15.0	11.3	16.9



Di-n-butylphthalate
Concen: 42.612 ng
RT: 12.022 min Scan# 1655
Delta R.T. 0.006 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Tgt Ion:149 Resp: 1322696

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.6	4.2	6.2



Abundance Scan 1767 (12.680 min): BF126908.D\data.ms (-1775) (-)

Fluoranthene

Concen: 42.428 ng

RT: 12.680 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

Tgt Ion:202 Resp: 1065472

Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.7

203 17.6 0.0 37.1

m/z-->

Abundance Scan 1767 (12.680 min): BF126916.D\data.ms

Raw

202.1

50

0

51.1 75.1 101.1 126.1 150.1 176.1

m/z-->

Abundance Scan 1767 (12.680 min): BF126916.D\data.ms (-1716) (-)

Sub

202.1

50

0

50.1 75.1 101.1 126.1 150.1 174.1

m/z-->

Abundance

12.680

1000000

500000

0

Time-->

12.70

Abundance Scan 2010 (14.110 min): BF126908.D\data.ms (-2076) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Tgt Ion:240 Resp: 271308

Ion Ratio Lower Upper

240 100

120 13.0 14.4 21.6#

236 26.1 20.5 30.7

m/z-->

Abundance Scan 2010 (14.110 min): BF126916.D\data.ms

Raw

240.2

50

0

66.1 120.1 156.1 208.1 281.1

m/z-->

Abundance Scan 2010 (14.110 min): BF126916.D\data.ms (-1959) (-)

Sub

240.2

50

0

66.1 120.1 156.1 208.1 281.1

m/z-->

Abundance

14.110

300000

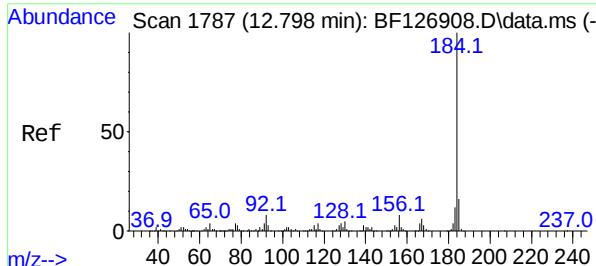
200000

100000

0

Time-->

14.10 14.20



Benzidine

Concen: 59.689 ng

RT: 12.798 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

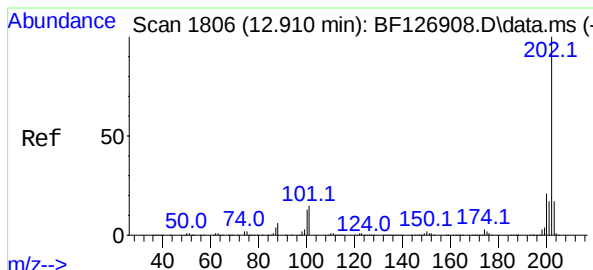
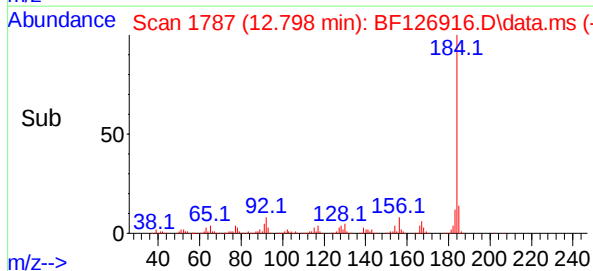
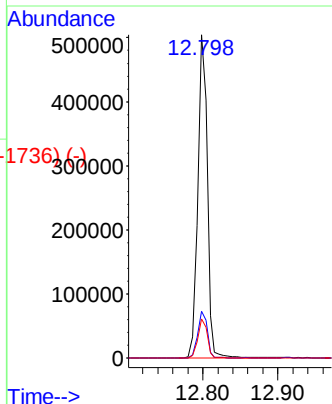
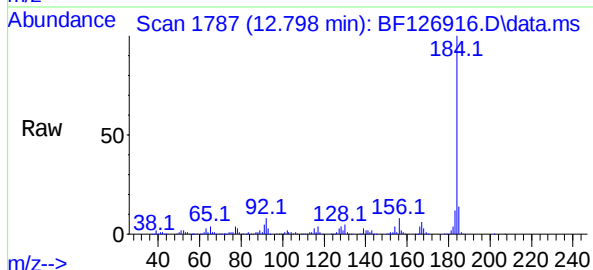
Tgt Ion:184 Resp: 440083

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.8

183 12.0 8.2 12.2



Pyrene

Concen: 45.290 ng

RT: 12.910 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

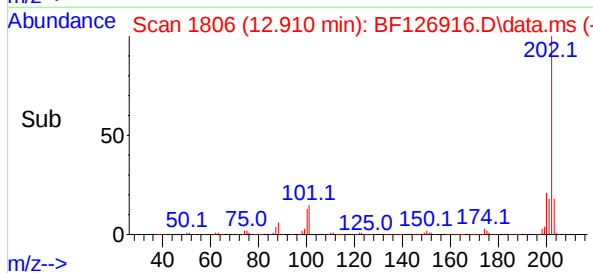
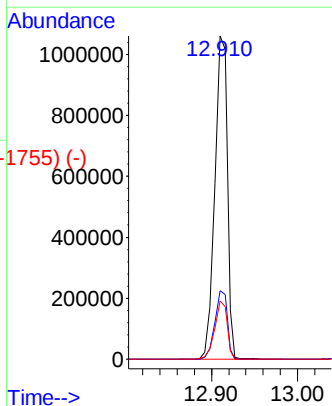
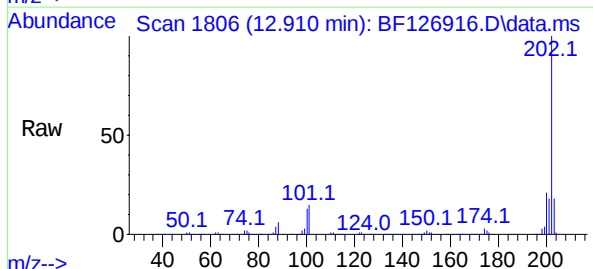
Tgt Ion:202 Resp: 1067521

Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

203 18.0 13.8 20.8



Abundance Scan 1830 (13.051 min): BF126908.D\data.ms (-1879) (-)

Terphenyl-d14

Concen: 85.290 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

Tgt Ion:244 Resp: 1574095

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

122 12.3 13.3 19.9#

m/z-->

Abundance Scan 1830 (13.051 min): BF126916.D\data.ms

244.2

42.1 80.1 122.1 160.1 212.2

Raw

50

0

42.1 80.1 122.1 160.1 212.2

m/z-->

Abundance Scan 1830 (13.051 min): BF126916.D\data.ms (-1779) (-)

244.2

42.1 80.1 122.1 160.1 212.2

Sub

50

0

42.1 80.1 122.1 160.1 212.2

m/z-->

Abundance

1500000

1000000

500000

0

13.00 13.10

Time-->

Abundance Scan 1910 (13.521 min): BF126908.D\data.ms (-1829) (-)

Butylbenzylphthalate

Concen: 43.572 ng

RT: 13.521 min Scan# 1910

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Tgt Ion:149 Resp: 486211

Ion Ratio Lower Upper

149 100

91 83.0 70.5 105.7

206 17.8 12.6 19.0

m/z-->

Abundance Scan 1910 (13.521 min): BF126916.D\data.ms

91.1 149.0

41.1 206.1 267.2 312.1

Raw

50

0

41.1 206.1 267.2 312.1

m/z-->

Abundance Scan 1910 (13.521 min): BF126916.D\data.ms (-1859) (-)

91.1 149.0

41.1 206.1 267.1 312.1

Sub

50

0

41.1 206.1 267.1 312.1

m/z-->

Abundance

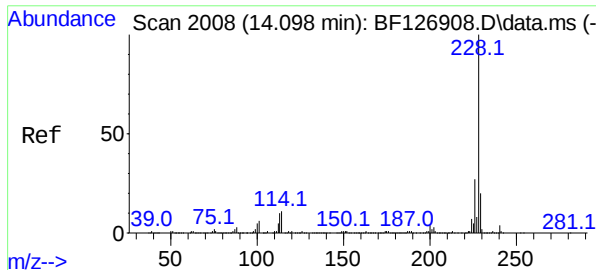
400000

200000

0

13.45 13.50 13.55

Time-->

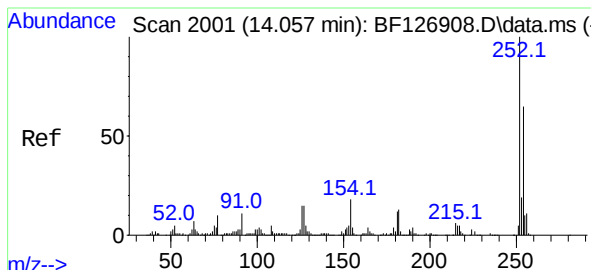
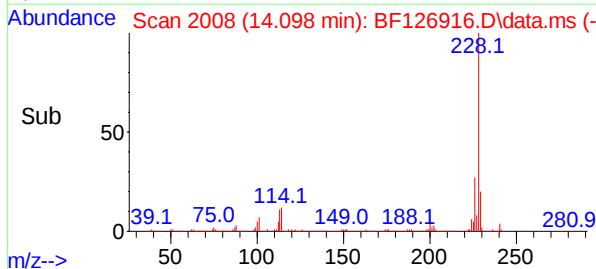
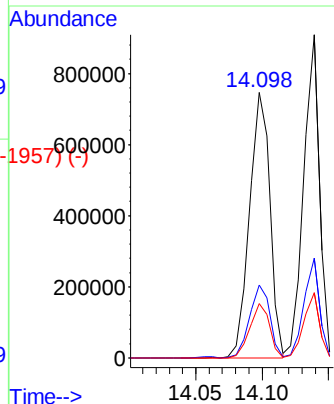
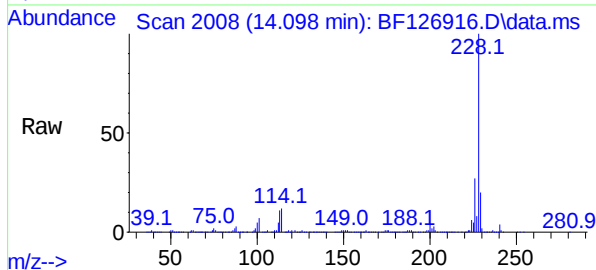


Benzo(a)anthracene
Concen: 43.740 ng
RT: 14.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Instrument :
BNA_F
ClientSampleId :
PB142708BS

Tgt Ion:228 Resp: 800029

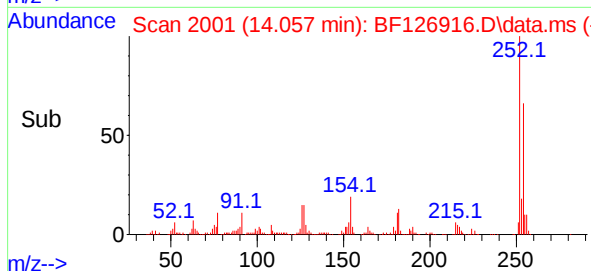
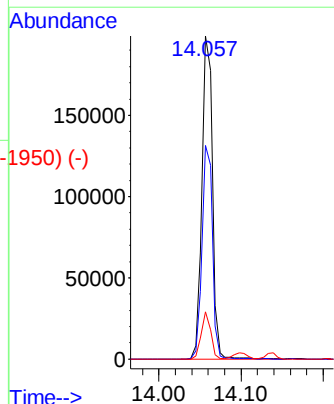
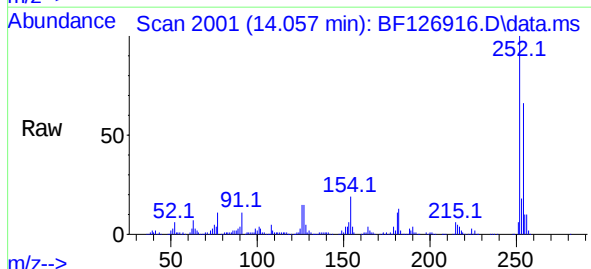
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.0
229	20.4	15.4	23.2

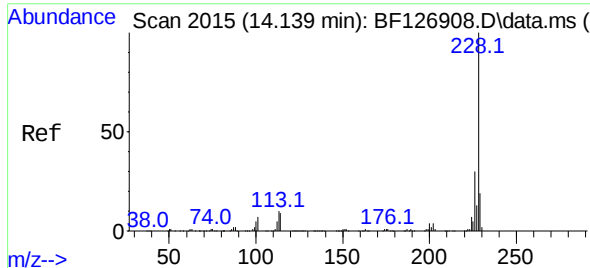


3,3'-Dichlorobenzidine
Concen: 30.275 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Tgt Ion:252 Resp: 174512

Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.0	76.4
126	14.6	13.4	20.0

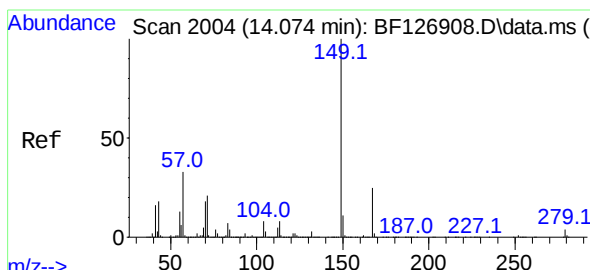
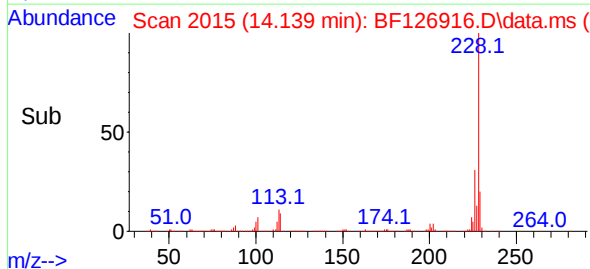
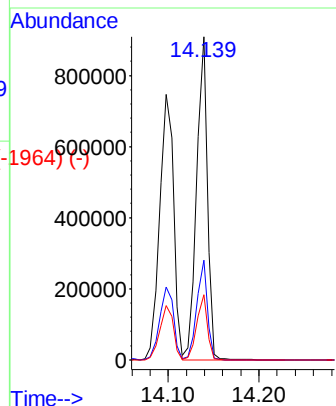
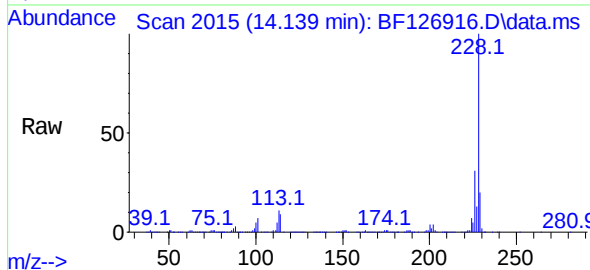




Chrysene
Concen: 43.483 ng
RT: 14.139 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

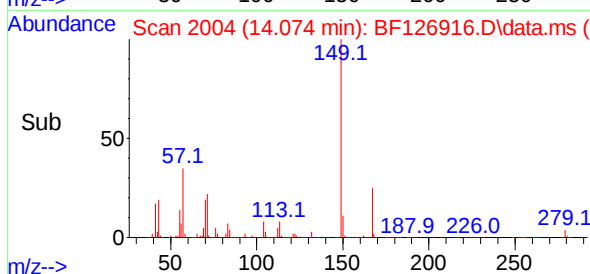
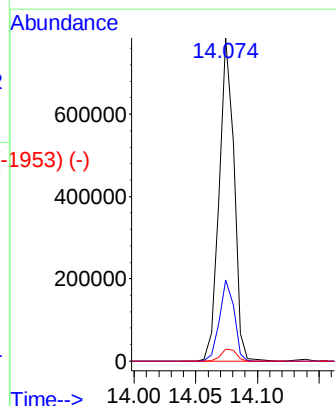
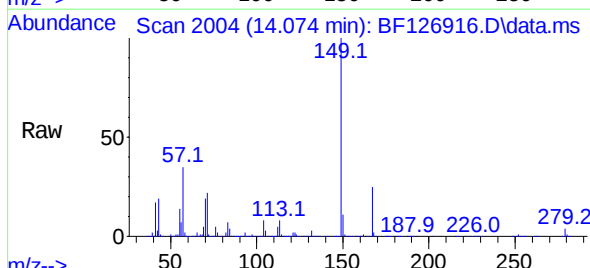
Instrument :
BNA_F
ClientSampleId :
PB142708BS

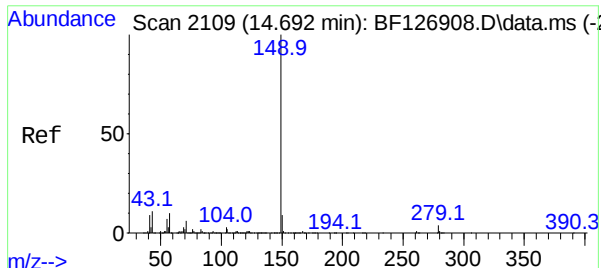
Tgt Ion:228 Resp: 747901
Ion Ratio Lower Upper
228 100
226 30.9 23.7 35.5
229 20.3 15.5 23.3



Bis(2-ethylhexyl)phthalate
Concen: 44.772 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Tgt Ion:149 Resp: 655916
Ion Ratio Lower Upper
149 100
167 25.2 21.4 32.2
279 3.7 2.4 3.6#

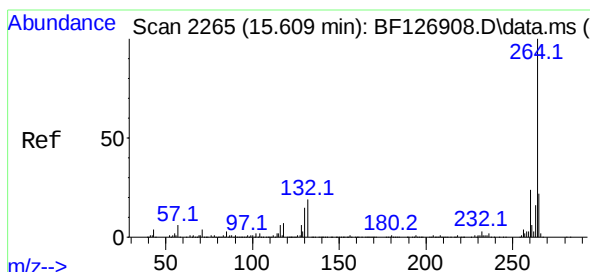
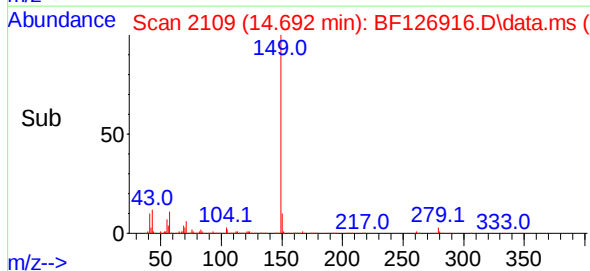
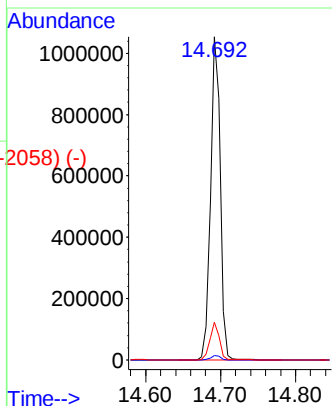
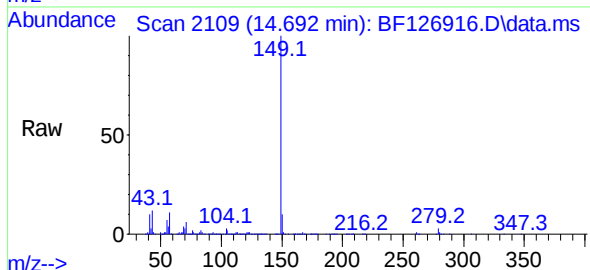




Di-n-octyl phthalate
Concen: 45.797 ng
RT: 14.692 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

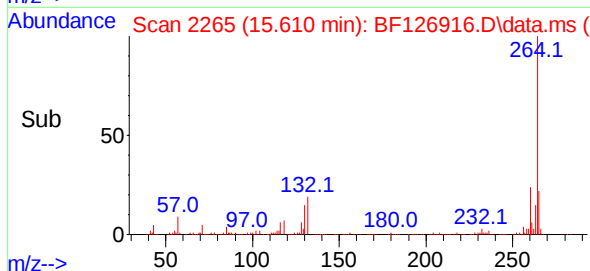
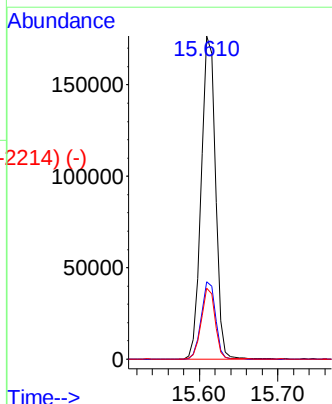
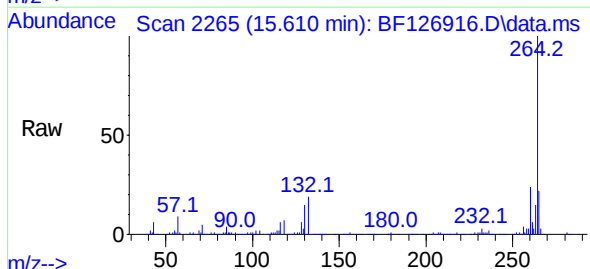
Instrument :
BNA_F
ClientSampleId :
PB142708BS

Tgt Ion:	149	Resp:	966022
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	11.4	9.9	14.9



Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF126916.D
Acq: 16 Feb 2022 17:09

Tgt Ion:	264	Resp:	222089
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.4	26.2



Abundance Scan 2527 (17.150 min): BF126908.D\data.ms (-25137) (-)

Indeno(1,2,3-cd)pyrene

Concen: 47.327 ng

RT: 17.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

Tgt Ion:276 Resp: 689212

Ion Ratio Lower Upper

276 100

138 25.4 29.2 43.8#

277 25.8 19.8 29.8

m/z-->

Abundance Scan 2527 (17.151 min): BF126916.D\data.ms

Raw

276.1

138.1

51.0 91.4 198.1 237.1

m/z-->

Abundance Scan 2527 (17.151 min): BF126916.D\data.ms (-247614) (-)

Sub

276.1

138.1

51.9 91.4 198.1 237.1

m/z-->

Abundance

17.151

200000

150000

100000

50000

0

Time-->

Abundance Scan 2190 (15.168 min): BF126908.D\data.ms (-21188) (-)

Benzo(b)fluoranthene

Concen: 45.157 ng

RT: 15.168 min Scan# 2190

Delta R.T. 0.000 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Tgt Ion:252 Resp: 673570

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 10.3 12.4 18.6#

m/z-->

Abundance Scan 2190 (15.168 min): BF126916.D\data.ms

Raw

252.1

126.1

44.9 87.0 163.0 200.1 320.0

m/z-->

Abundance Scan 2190 (15.168 min): BF126916.D\data.ms (-2139) (-)

Sub

252.1

126.1

48.9 87.0 163.0 202.1 303.0

m/z-->

Abundance

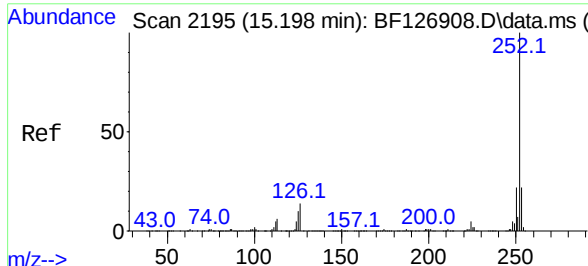
15.168

400000

200000

0

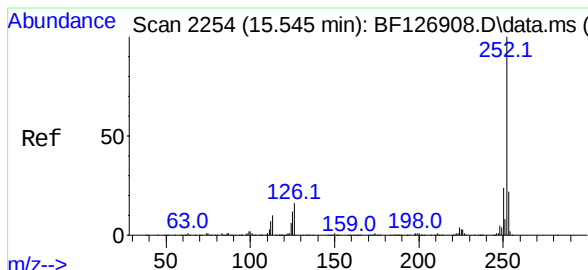
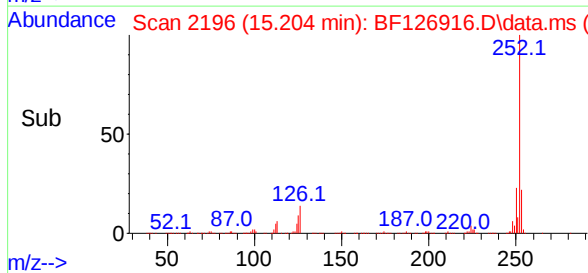
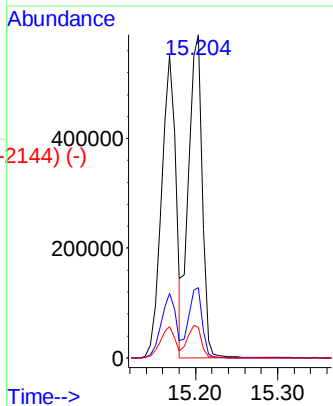
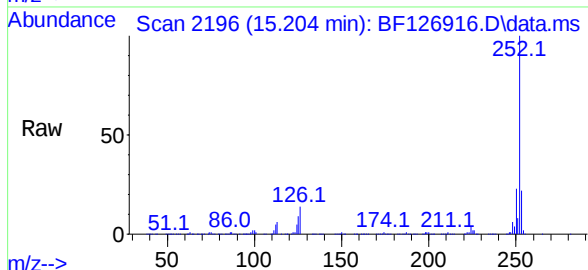
Time-->



Benzo(k)fluoranthene
 Concen: 47.171 ng
 RT: 15.204 min Scan# 2196
 Delta R.T. 0.006 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

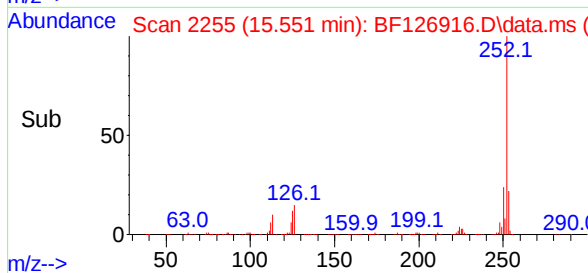
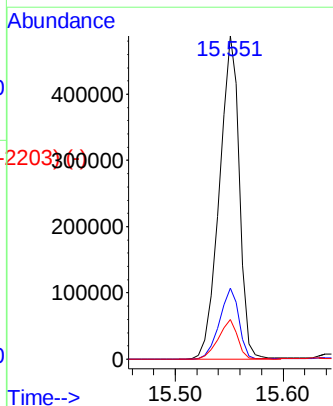
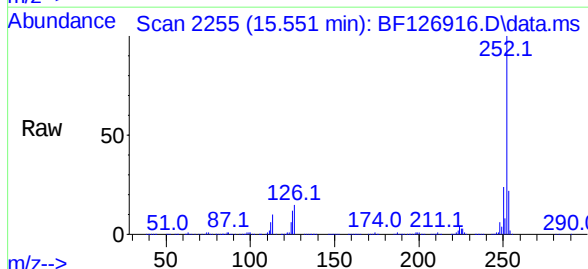
Instrument :
 BNA_F
 ClientSampleId :
 PB142708BS

Tgt Ion:	252	Resp:	678653
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.4	11.8	17.6#

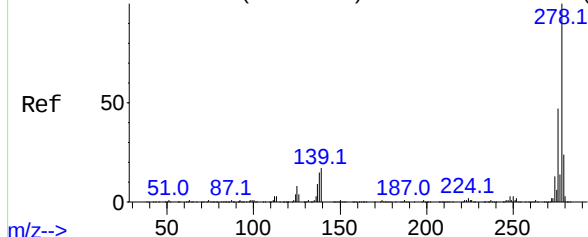


Benzo(a)pyrene
 Concen: 54.503 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. 0.006 min
 Lab File: BF126916.D
 Acq: 16 Feb 2022 17:09

Tgt Ion:	252	Resp:	635018
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.2	13.0	19.6#



Abundance Scan 2530 (17.168 min): BF126908.D\data.ms (-2591) (-)



Dibenzo(a,h)anthracene

Concen: 49.353 ng

RT: 17.174 min Scan# 2531

Delta R.T. 0.006 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB142708BS

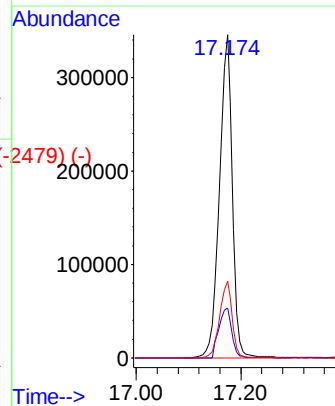
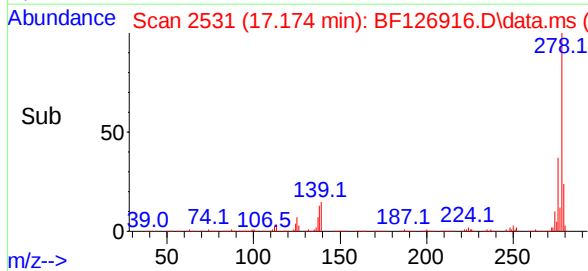
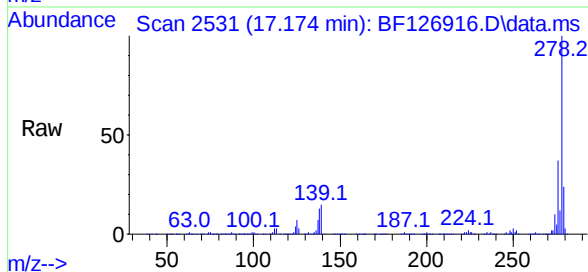
Tgt Ion:278 Resp: 594413

Ion Ratio Lower Upper

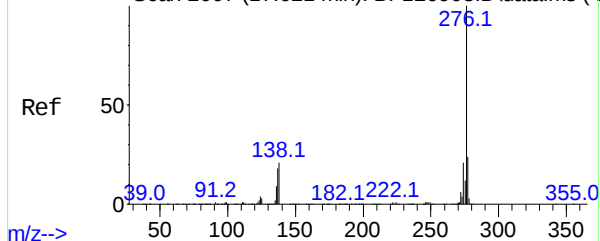
278 100

139 15.4 18.0 27.0#

279 23.7 18.6 27.8



Abundance Scan 2607 (17.621 min): BF126908.D\data.ms (-2592) (-)



Benzo(g,h,i)perylene

Concen: 49.454 ng

RT: 17.627 min Scan# 2608

Delta R.T. 0.006 min

Lab File: BF126916.D

Acq: 16 Feb 2022 17:09

Tgt Ion:276 Resp: 587205

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 20.9 25.9 38.9#

