

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126170.D
 Acq On : 13 Nov 2021 15:54
 Operator : JU/CG
 Sample : PB140723BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140723BS

Quant Time: Nov 15 09:58:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 08:09:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	103449	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	386472	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	239258	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	441086	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	243341	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	225312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	731886	121.495	ng	0.01
7) Phenol-d6	6.469	99	927427	109.213	ng	0.00
23) Nitrobenzene-d5	7.398	82	670412	81.809	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	385696	140.667	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1371463	77.462	ng	0.00
79) Terphenyl-d14	12.945	244	1480089	98.081	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	71457	28.528	ng	# 100
3) Pyridine	3.399	79	155047	23.003	ng	# 90
4) n-Nitrosodimethylamine	3.346	42	174990	37.022	ng	# 96
6) Aniline	6.492	93	336751	35.963	ng	# 83
8) 2-Chlorophenol	6.616	128	273297	42.457	ng	83
9) Benzaldehyde	6.381	77	172386	33.193	ng	91
10) Phenol	6.481	94	362655	41.766	ng	# 66
11) bis(2-Chloroethyl)ether	6.569	93	249445	39.441	ng	94
12) 1,3-Dichlorobenzene	7.004	146	288094	39.297	ng	94
13) 1,4-Dichlorobenzene	6.851	146	302805	40.506	ng	97
14) 1,2-Dichlorobenzene	7.004	146	288099	40.002	ng	97
15) Benzyl Alcohol	6.975	79	289881	39.972	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.110	45	381274	32.786	ng	90
17) 2-Methylphenol	7.092	107	232615	42.462	ng	# 90
18) Hexachloroethane	7.345	117	120209	42.801	ng	# 83
19) n-Nitroso-di-n-propyla...	7.251	70	227305	40.603	ng	# 83
20) 3+4-Methylphenols	7.245	107	311337	42.037	ng	# 69
22) Acetophenone	7.245	105	442374	39.632	ng	# 82
24) Nitrobenzene	7.416	77	337834	41.623	ng	# 84
25) Isophorone	7.663	82	559824	37.943	ng	# 89
26) 2-Nitrophenol	7.734	139	144121	49.980	ng	# 65
27) 2,4-Dimethylphenol	7.775	122	237872	44.220	ng	# 78
28) bis(2-Chloroethoxy)met...	7.869	93	318117	36.563	ng	# 97
29) 2,4-Dichlorophenol	7.975	162	260285	42.866	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	299296	40.425	ng	96
31) Naphthalene	8.139	128	809809	40.455	ng	98
32) Benzoic acid	7.910	122	138417	42.723	ng	# 70
33) 4-Chloroaniline	8.186	127	239307	29.912	ng	# 89
34) Hexachlorobutadiene	8.257	225	212191	41.634	ng	98
35) Caprolactam	8.563	113	35734	21.133	ng	# 77
36) 4-Chloro-3-methylphenol	8.675	107	291265	41.598	ng	88
37) 2-Methylnaphthalene	8.833	142	585756	42.368	ng	100
38) 1-Methylnaphthalene	8.933	142	546093	40.779	ng	97
40) 1,2,4,5-Tetrachloroben...	8.998	216	340237	42.433	ng	97
41) Hexachlorocyclopentadiene	8.986	237	421883	101.266	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	210839	43.423	ng	98

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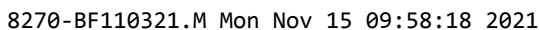
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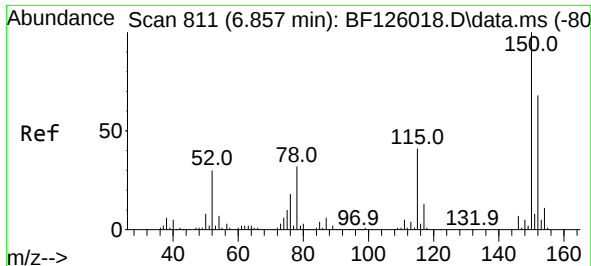
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	228483	43.558	ng	# 95
46) 1,1'-Biphenyl	9.298	154	720470	38.959	ng	99
47) 2-Chloronaphthalene	9.322	162	589634	40.508	ng	99
48) 2-Nitroaniline	9.416	65	196196	41.612	ng	# 78
49) Acenaphthylene	9.739	152	893343	40.583	ng	98
50) Dimethylphthalate	9.604	163	703160	40.368	ng	# 98
51) 2,6-Dinitrotoluene	9.663	165	149788	50.168	ng	87
52) Acenaphthene	9.910	154	550172	39.625	ng	96
53) 3-Nitroaniline	9.828	138	111030	36.275	ng	# 68
54) 2,4-Dinitrophenol	9.939	184	160902	94.401	ng	93
55) Dibenzofuran	10.080	168	824049	39.426	ng	97
56) 4-Nitrophenol	9.998	139	214018	88.596	ng	# 59
57) 2,4-Dinitrotoluene	10.063	165	205715	47.841	ng	# 86
58) Fluorene	10.422	166	684151	40.772	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	198211	44.624	ng	# 86
60) Diethylphthalate	10.298	149	697768	39.945	ng	98
61) 4-Chlorophenyl-phenyle...	10.416	204	375703	41.866	ng	88
62) 4-Nitroaniline	10.445	138	138438	43.365	ng	# 80
63) Azobenzene	10.575	77	671642	35.410	ng	93
65) 4,6-Dinitro-2-methylph...	10.475	198	107502	50.165	ng	88
66) n-Nitrosodiphenylamine	10.533	169	580528	41.329	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	228421	42.755	ng	96
68) Hexachlorobenzene	10.975	284	258079	46.242	ng	# 83
69) Atrazine	11.063	200	222989	44.881	ng	92
70) Pentachlorophenol	11.169	266	277888	92.403	ng	94
71) Phenanthrene	11.386	178	970450	40.570	ng	97
72) Anthracene	11.439	178	1007663	42.194	ng	100
73) Carbazole	11.592	167	829045	37.430	ng	99
74) Di-n-butylphthalate	11.922	149	1018201	39.452	ng	# 98
75) Fluoranthene	12.574	202	1017002	38.180	ng	95
77) Benzidine	12.692	184	324728	39.919	ng	97
78) Pyrene	12.804	202	986293	50.541	ng	97
80) Butylbenzylphthalate	13.421	149	306182	43.074	ng	# 93
81) Benzo(a)anthracene	13.992	228	684933	40.972	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	185876	38.103	ng	# 98
83) Chrysene	14.027	228	635766	40.873	ng	97
84) Bis(2-ethylhexyl)phtha...	13.980	149	353781	35.910	ng	99
85) Di-n-octyl phthalate	14.598	149	511165	36.519	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	743843	55.776	ng	# 82
88) Benzo(b)fluoranthene	15.039	252	595777	40.652	ng	# 94
89) Benzo(k)fluoranthene	15.068	252	569160	40.035	ng	# 97
90) Benzo(a)pyrene	15.404	252	577757	50.039	ng	# 93
91) Dibenzo(a,h)anthracene	16.945	278	636523	58.112	ng	# 88
92) Benzo(g,h,i)perylene	17.368	276	622345	59.243	ng	# 81

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

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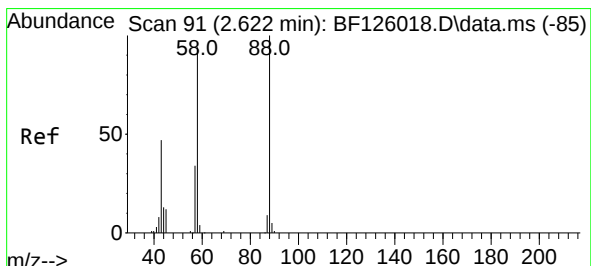
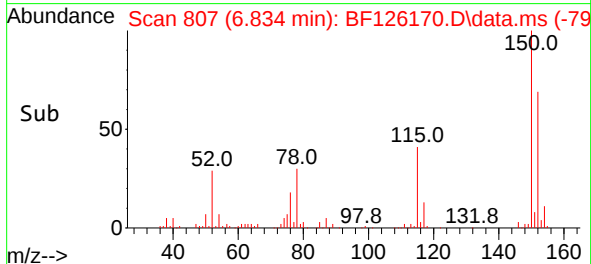
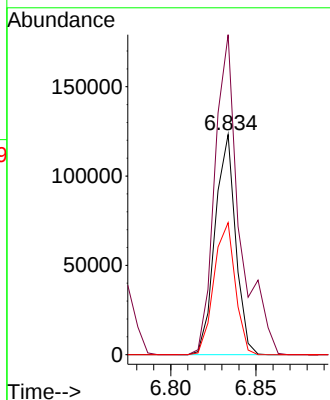
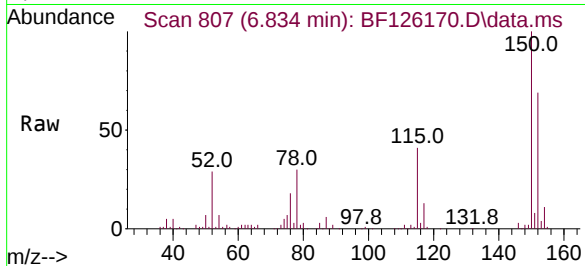




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF126170.D
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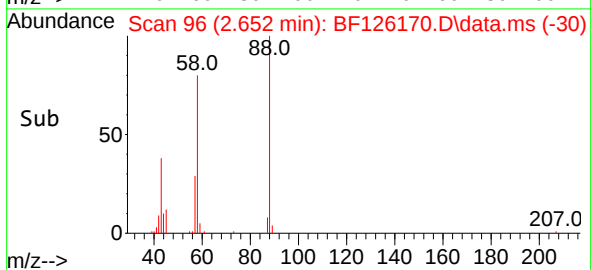
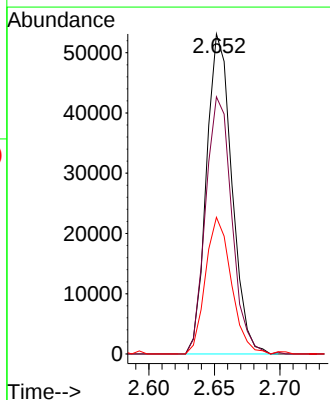
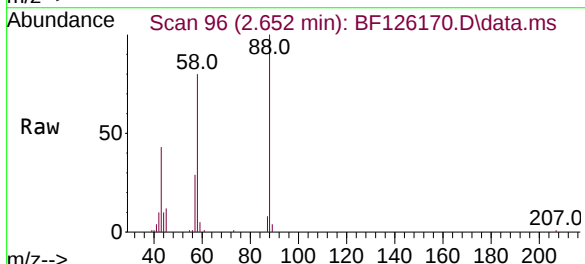
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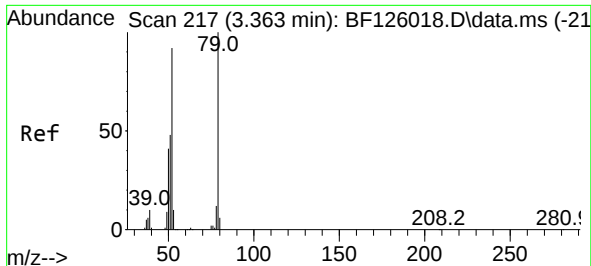
Tgt Ion:152 Resp: 103449
 Ion Ratio Lower Upper
 152 100
 150 145.3 117.6 176.4
 115 59.9 47.1 70.7



#2
 1,4-Dioxane
 Concen: 28.528 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.088 min
 Lab File: BF126170.D
 Acq: 13 Nov 2021 15:54

Tgt Ion: 88 Resp: 71457
 Ion Ratio Lower Upper
 88 100
 58 83.0 0.0 0.0#
 43 43.4 0.0 0.0#





#3

Pyridine

Concen: 23.003 ng

RT: 3.399 min Scan# 21

Delta R.T. 0.094 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

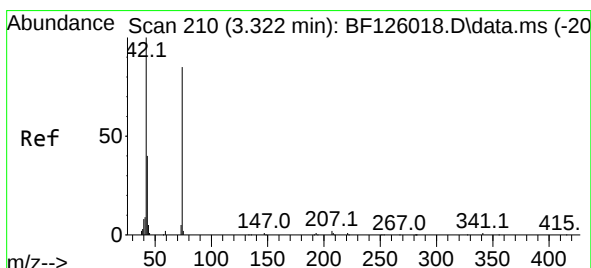
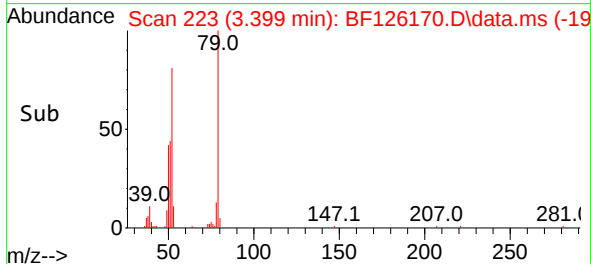
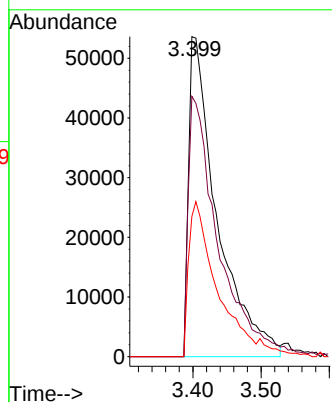
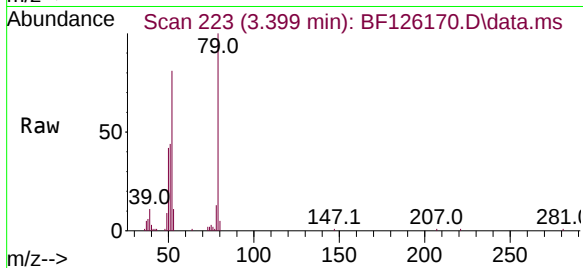
Tgt Ion: 79 Resp: 155047

Ion Ratio Lower Upper

79 100

52 81.4 70.3 105.5

51 43.8 44.1 66.1#



#4

n-Nitrosodimethylamine

Concen: 37.022 ng

RT: 3.346 min Scan# 214

Delta R.T. 0.088 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

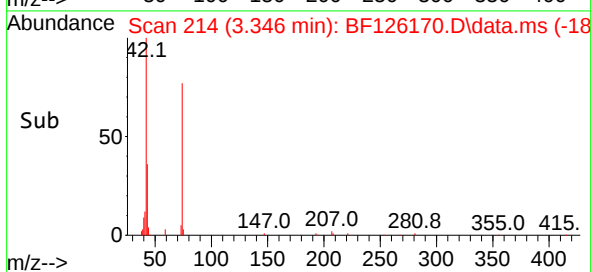
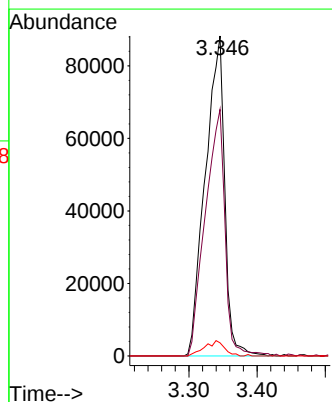
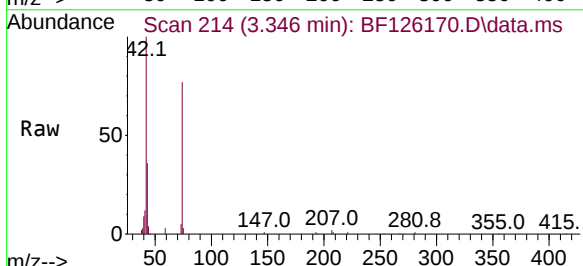
Tgt Ion: 42 Resp: 174990

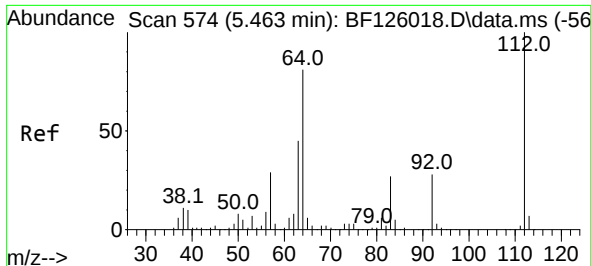
Ion Ratio Lower Upper

42 100

74 77.1 59.0 88.6

44 4.1 0.0 0.0#

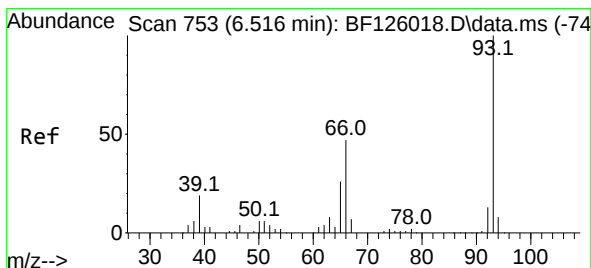
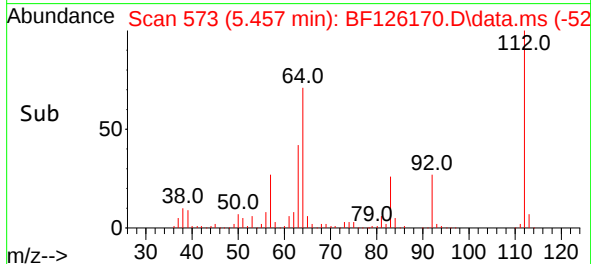
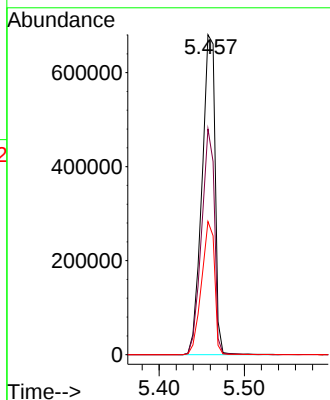
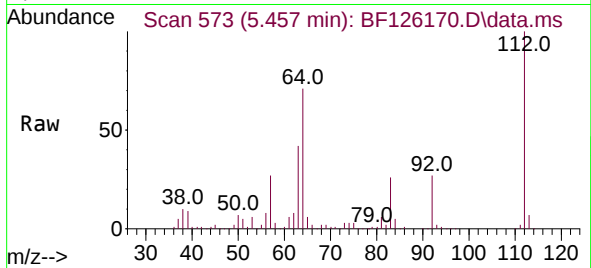




#5
2-Fluorophenol
Concen: 121.495 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

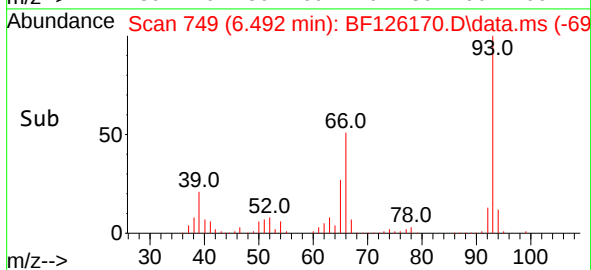
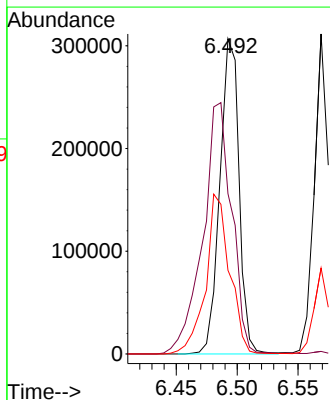
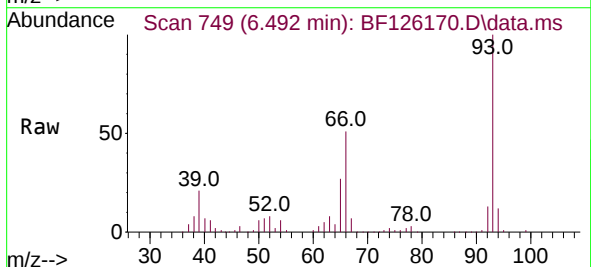
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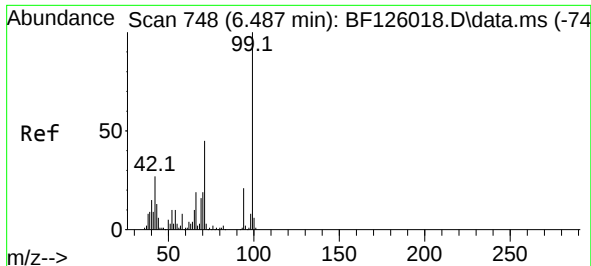
Tgt Ion:112 Resp: 731886
Ion Ratio Lower Upper
112 100
64 70.6 44.2 66.2#
63 41.6 26.2 39.2#



#6
Aniline
Concen: 35.963 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion: 93 Resp: 336751
Ion Ratio Lower Upper
93 100
66 50.9 32.7 49.1#
65 26.6 14.2 21.4#

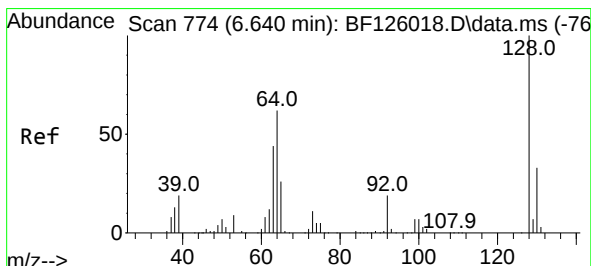
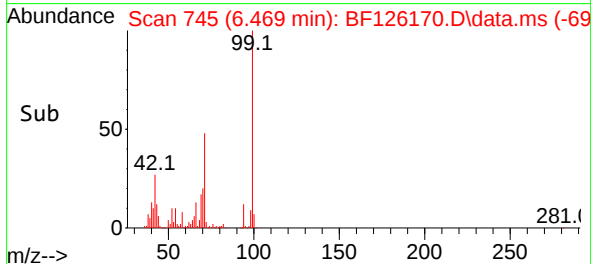
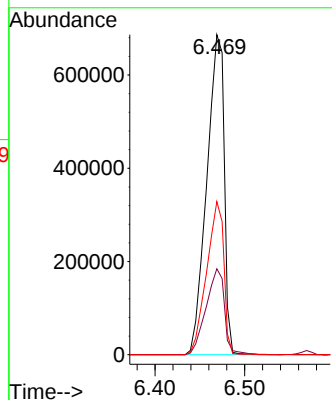
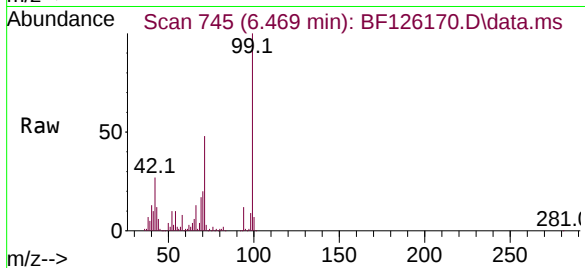




#7
Phenol-d6
Concen: 109.213 ng
RT: 6.469 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

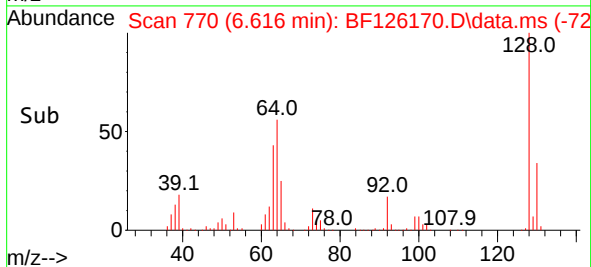
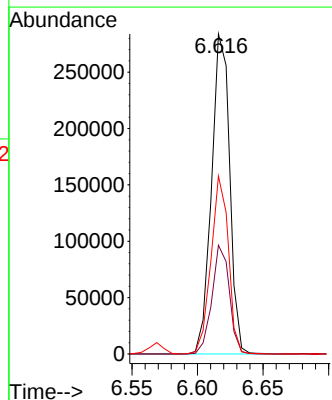
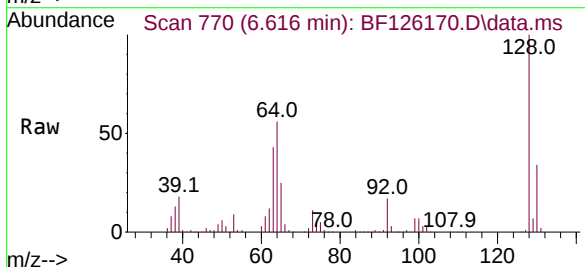
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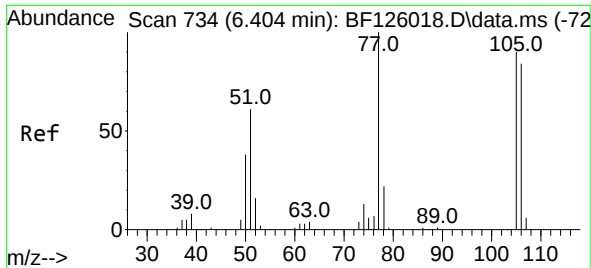
Tgt Ion: 99 Resp: 927427
Ion Ratio Lower Upper
99 100
42 26.8 23.5 35.3
71 47.8 25.6 38.4#



#8
2-Chlorophenol
Concen: 42.457 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:128 Resp: 273297
Ion Ratio Lower Upper
128 100
130 34.0 10.5 50.5
64 55.6 20.3 60.3





#9

Benzaldehyde

Concen: 33.193 ng

RT: 6.381 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

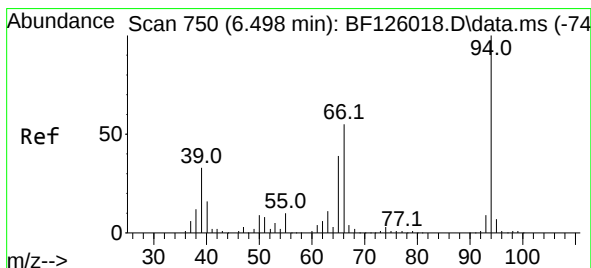
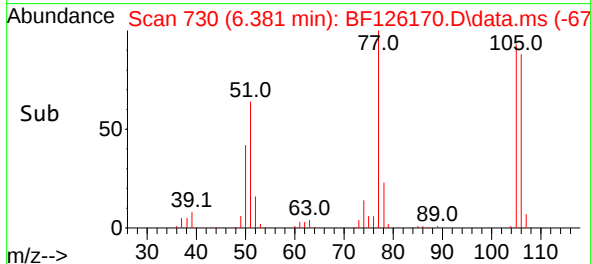
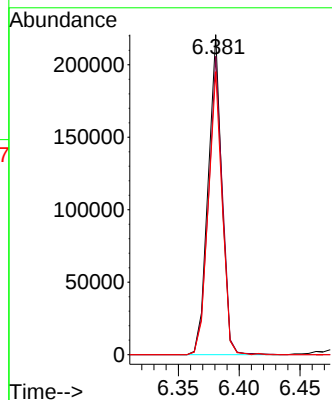
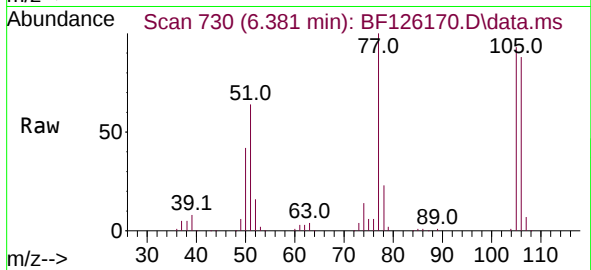
Tgt Ion: 77 Resp: 172386

Ion Ratio Lower Upper

77 100

105 93.2 75.9 115.9

106 88.4 84.0 124.0



#10

Phenol

Concen: 41.766 ng

RT: 6.481 min Scan# 747

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

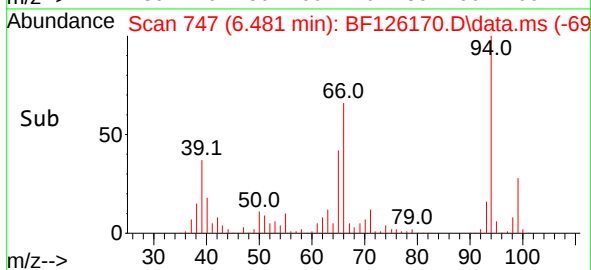
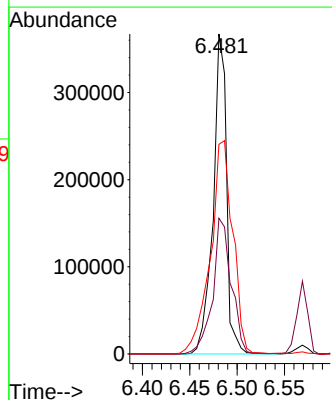
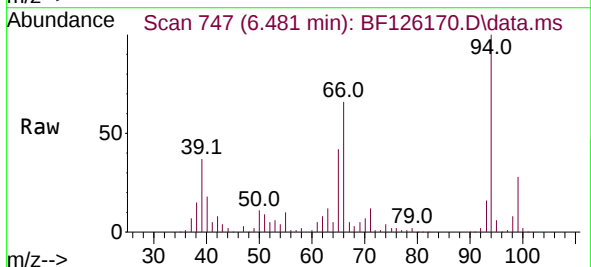
Tgt Ion: 94 Resp: 362655

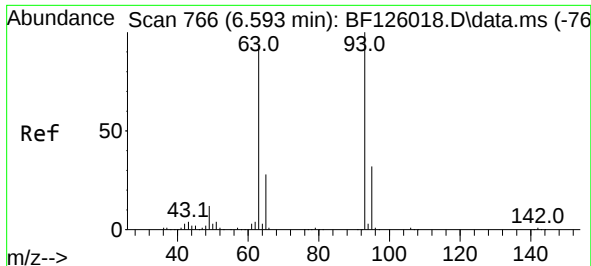
Ion Ratio Lower Upper

94 100

65 42.4 9.3 49.3

66 65.5 20.3 60.3#





#11

bis(2-Chloroethyl)ether

Concen: 39.441 ng

RT: 6.569 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

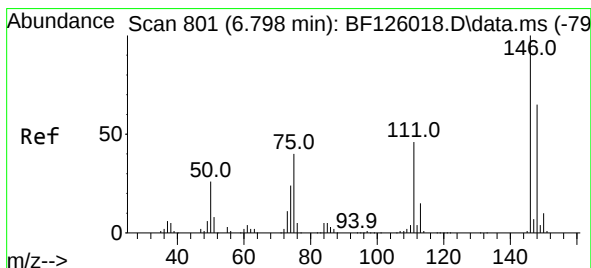
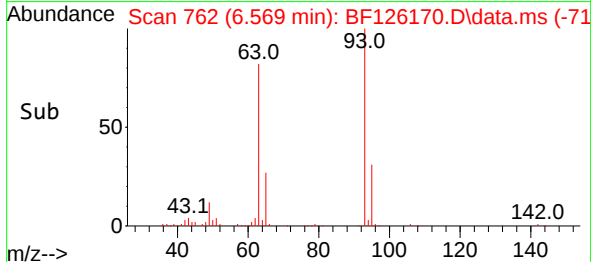
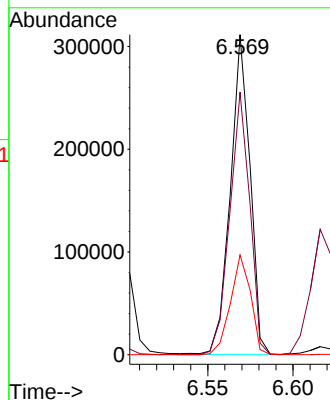
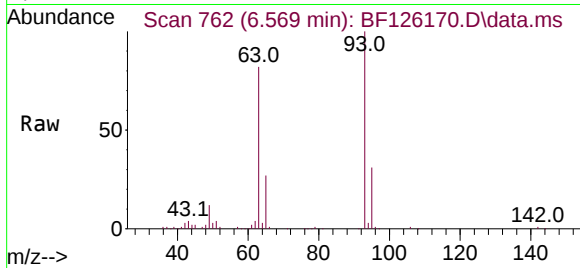
Tgt Ion: 93 Resp: 249445

Ion Ratio Lower Upper

93 100

63 82.0 54.4 94.4

95 31.1 11.4 51.4



#12

1,3-Dichlorobenzene

Concen: 39.297 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.229 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

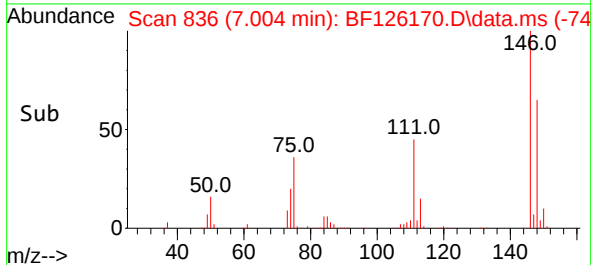
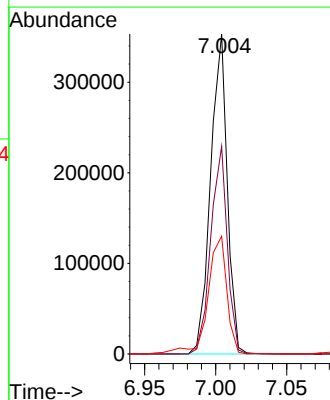
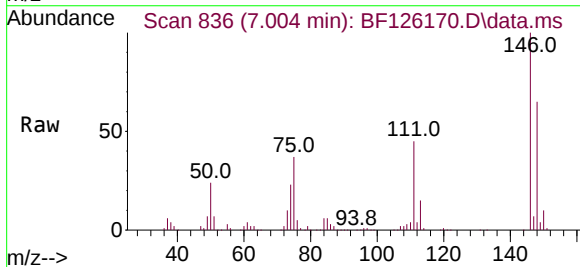
Tgt Ion: 146 Resp: 288094

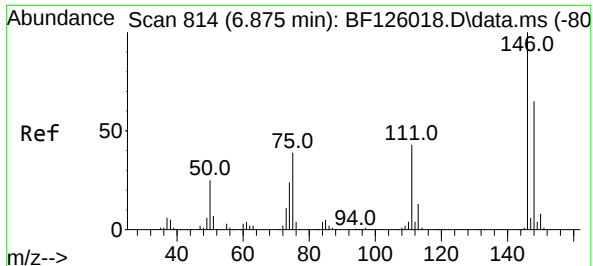
Ion Ratio Lower Upper

146 100

148 64.9 49.7 74.5

75 36.8 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 40.506 ng

RT: 6.851 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

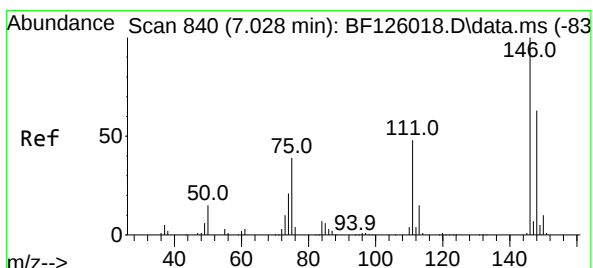
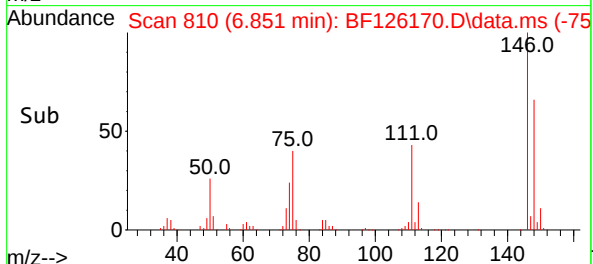
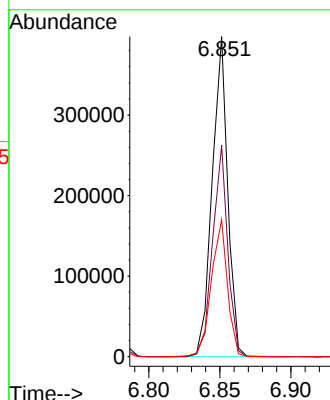
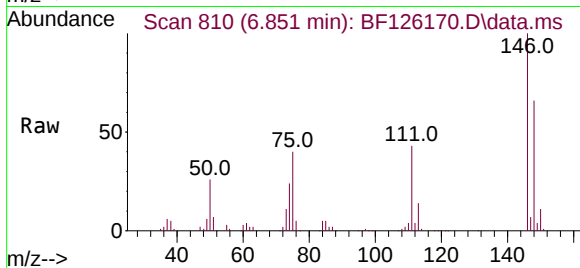
Tgt Ion:146 Resp: 302805

Ion Ratio Lower Upper

146 100

148 66.1 51.9 77.9

111 42.8 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 40.002 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

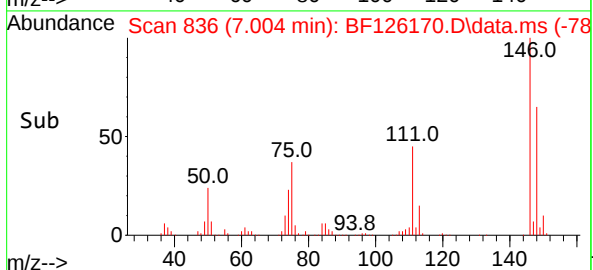
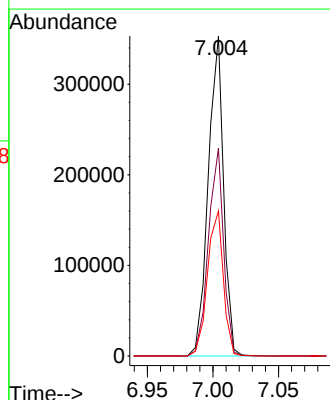
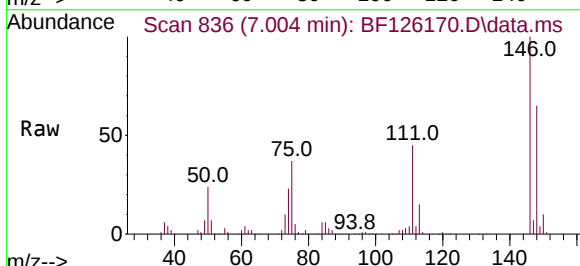
Tgt Ion:146 Resp: 288099

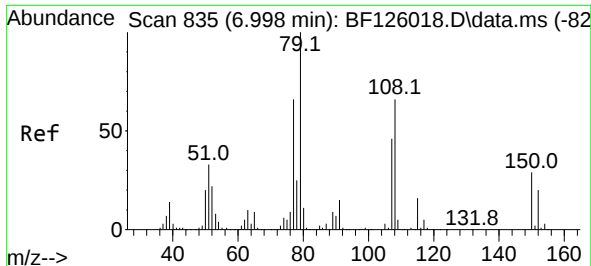
Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

111 45.3 33.5 50.3

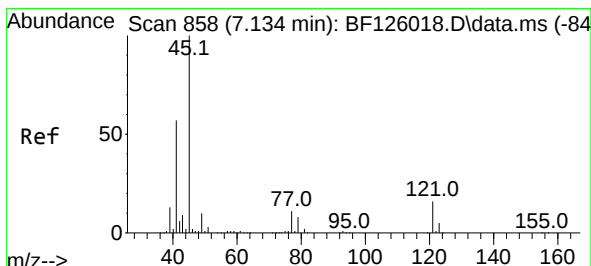
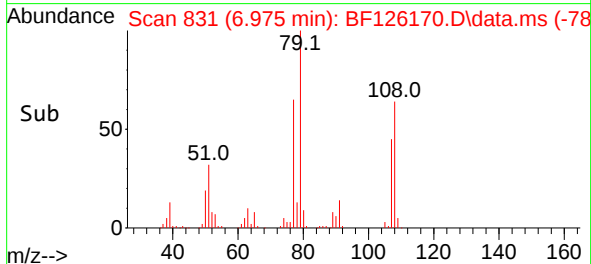
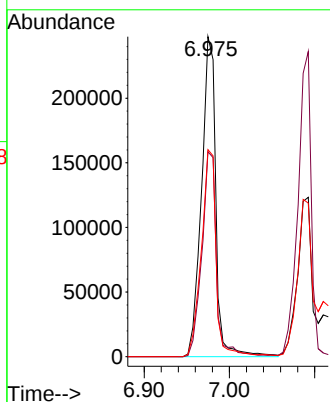
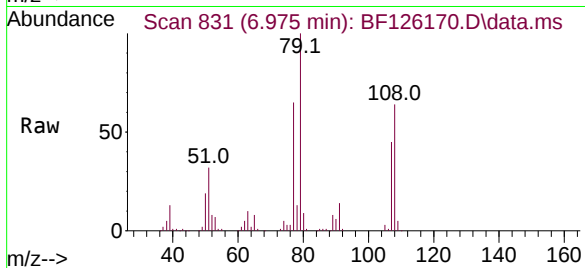




#15
Benzyl Alcohol
Concen: 39.972 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

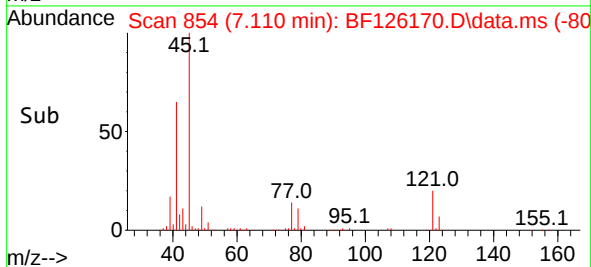
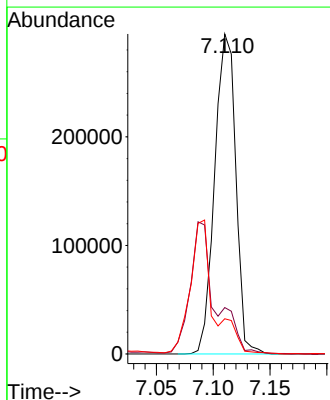
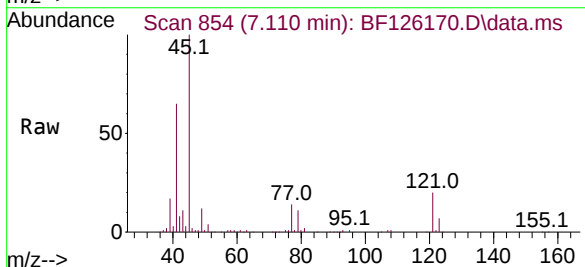
Instrument :
BNA_F
ClientSampleId :
PB140723BS

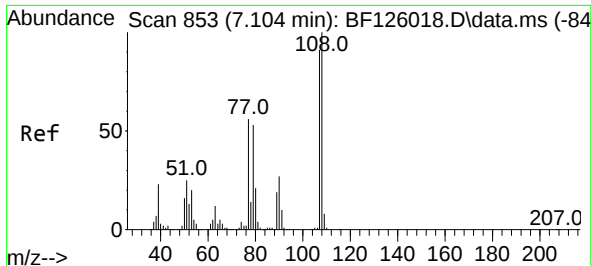
Tgt Ion: 79 Resp: 289881
Ion Ratio Lower Upper
79 100
108 64.1 60.4 90.6
77 64.7 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.786 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion: 45 Resp: 381274
Ion Ratio Lower Upper
45 100
77 14.5 0.0 30.6
79 11.0 0.0 27.5

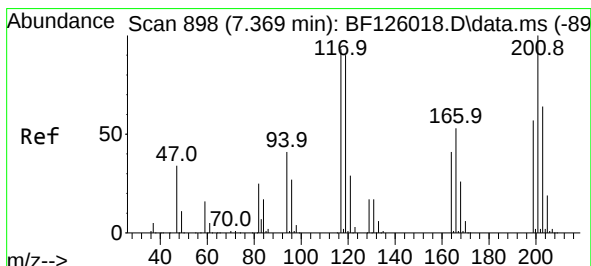
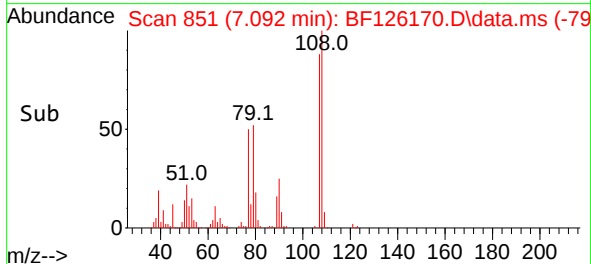
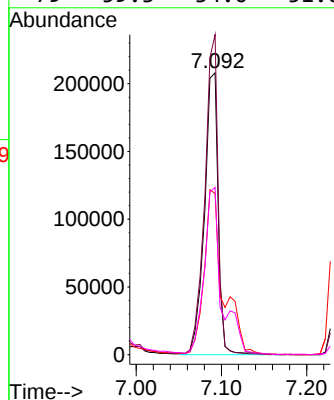
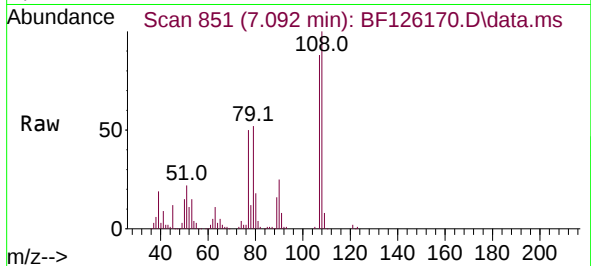




#17
2-Methylphenol
Concen: 42.462 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

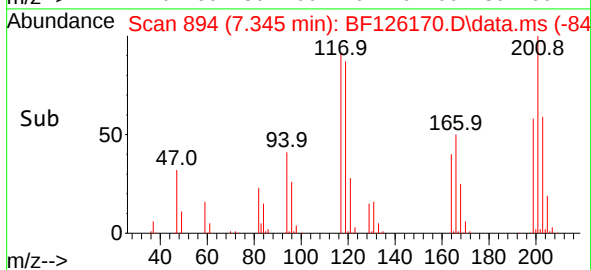
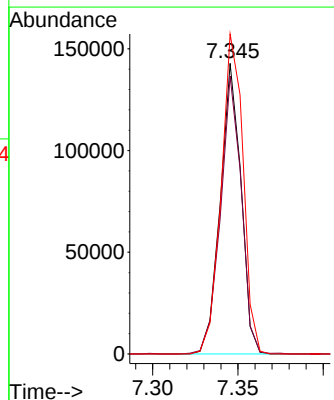
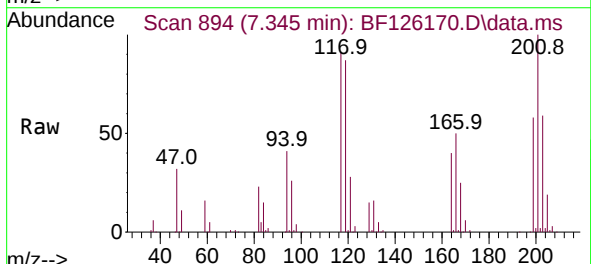
Instrument :
BNA_F
ClientSampleId :
PB140723BS

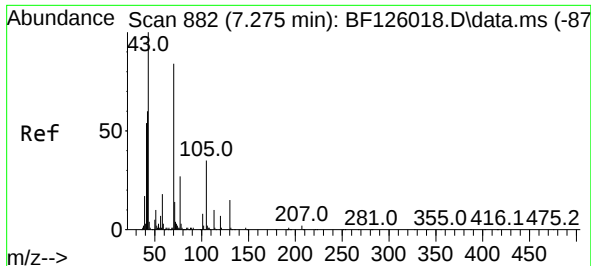
Tgt Ion:	107	Resp:	232615
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.6	135.8
77	57.1	35.7	53.5#
79	59.3	34.0	51.0#



#18
Hexachloroethane
Concen: 42.801 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:	117	Resp:	120209
Ion	Ratio	Lower	Upper
117	100		
119	95.7	73.4	110.2
201	110.1	64.9	97.3#

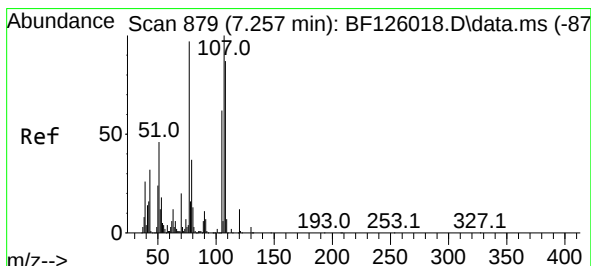
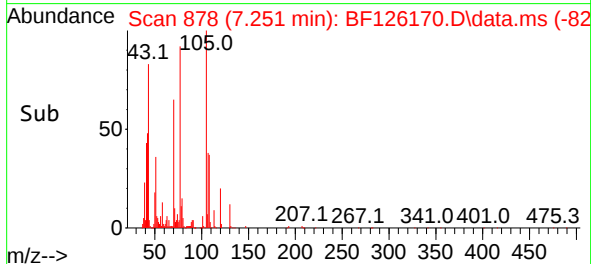
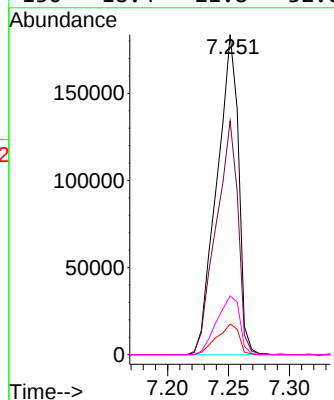
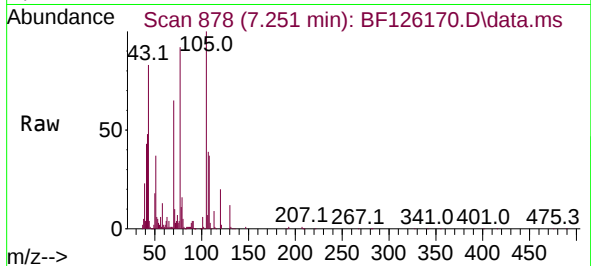




#19
n-Nitroso-di-n-propylamine
Concen: 40.603 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

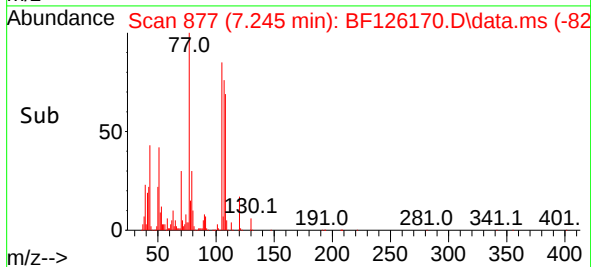
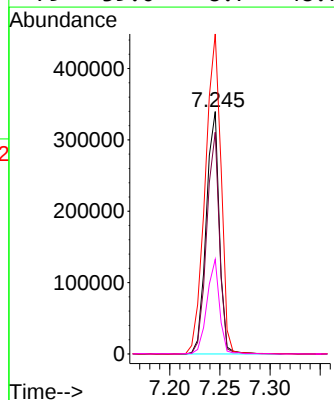
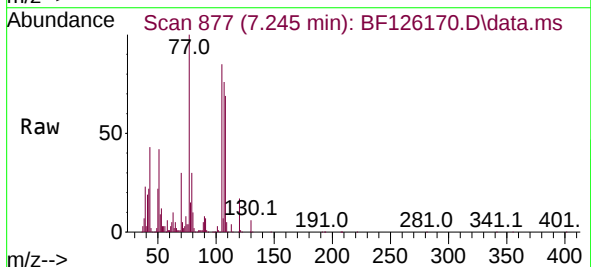
Instrument :
BNA_F
ClientSampleId :
PB140723BS

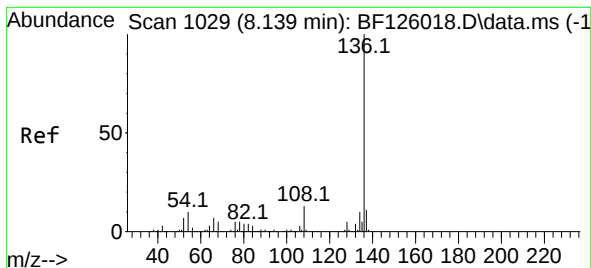
Tgt Ion: 70 Resp: 227305
Ion Ratio Lower Upper
70 100
42 73.1 72.2 108.2
101 9.5 7.8 11.8
130 18.4 21.8 32.6#



#20
3+4-Methylphenols
Concen: 42.037 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion: 107 Resp: 311337
Ion Ratio Lower Upper
107 100
108 91.5 76.6 116.6
77 132.0 53.3 93.3#
79 39.0 8.7 48.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

Tgt Ion:136 Resp: 386472

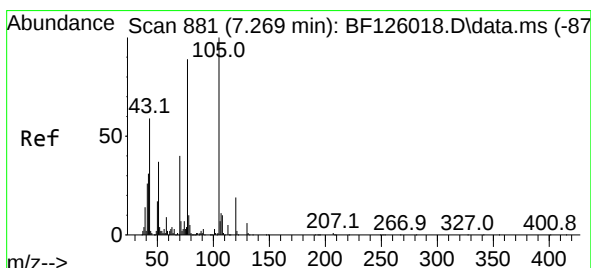
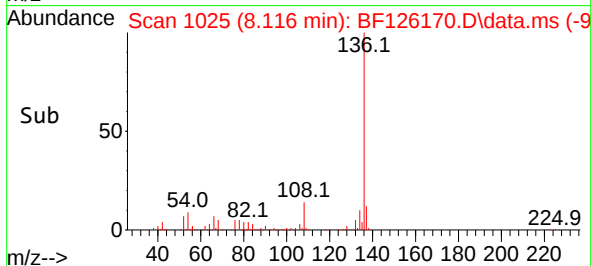
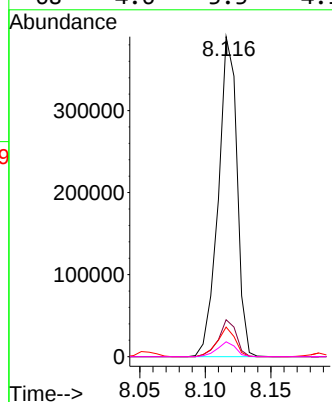
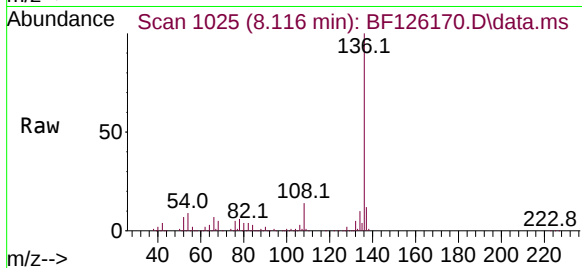
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.6

54 9.3 6.4 9.6

68 4.6 3.3 4.9



#22

Acetophenone

Concen: 39.632 ng

RT: 7.245 min Scan# 877

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Tgt Ion:105 Resp: 442374

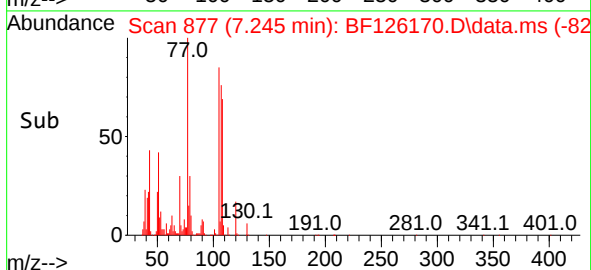
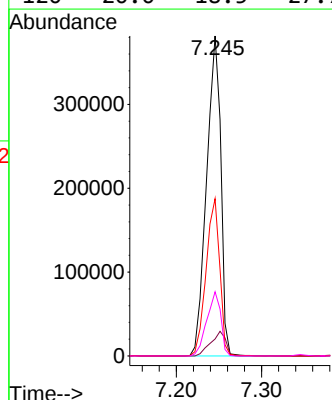
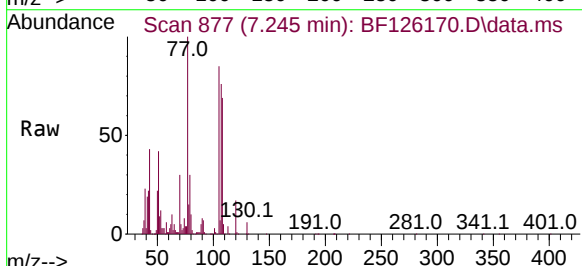
Ion Ratio Lower Upper

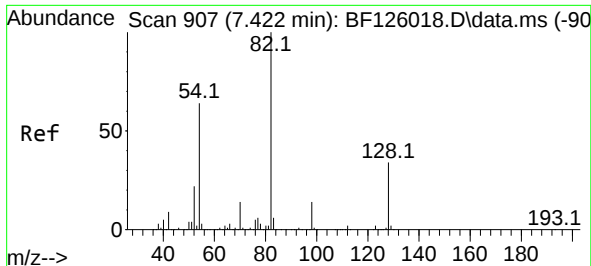
105 100

71 5.3 5.5 8.3#

51 49.2 26.0 39.0#

120 20.0 18.5 27.7





#23

Nitrobenzene-d5

Concen: 81.809 ng

RT: 7.398 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

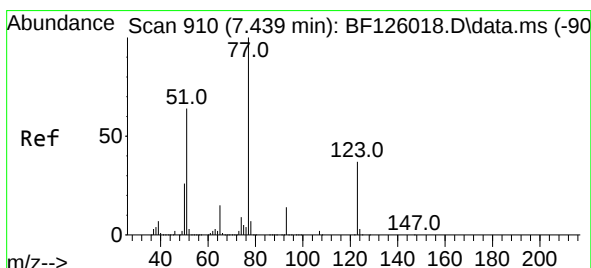
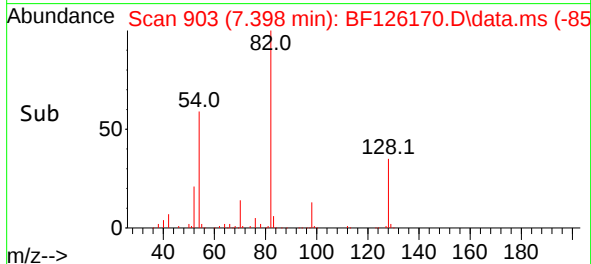
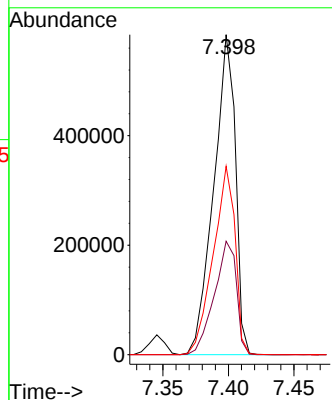
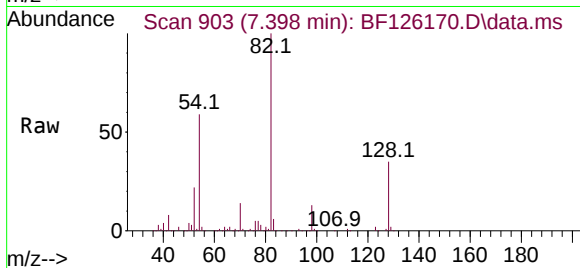
Tgt Ion: 82 Resp: 670412

Ion Ratio Lower Upper

82 100

128 35.5 40.6 60.8#

54 58.9 49.6 74.4



#24

Nitrobenzene

Concen: 41.623 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

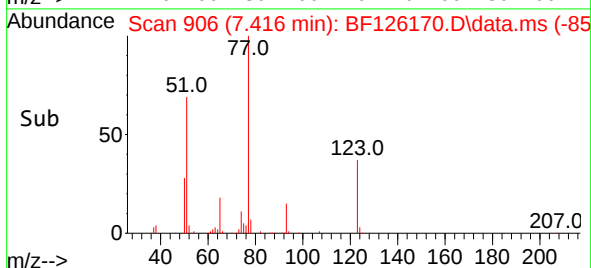
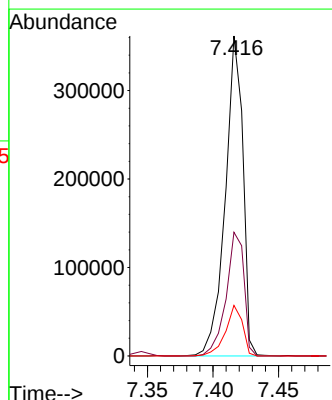
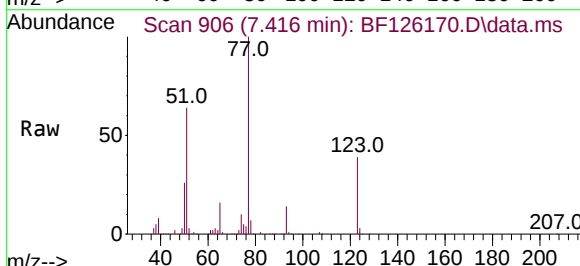
Tgt Ion: 77 Resp: 337834

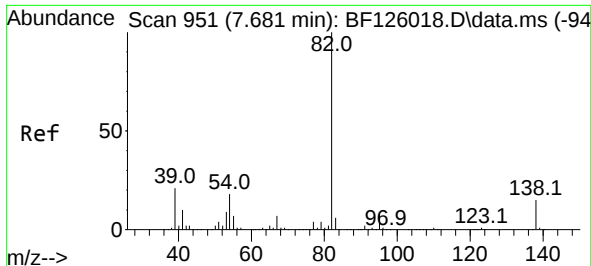
Ion Ratio Lower Upper

77 100

123 38.6 42.3 63.5#

65 15.8 12.4 18.6

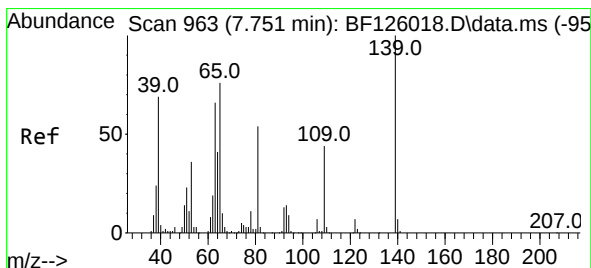
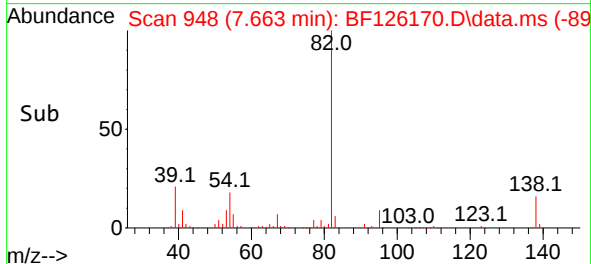
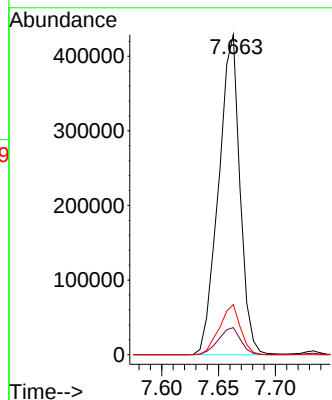
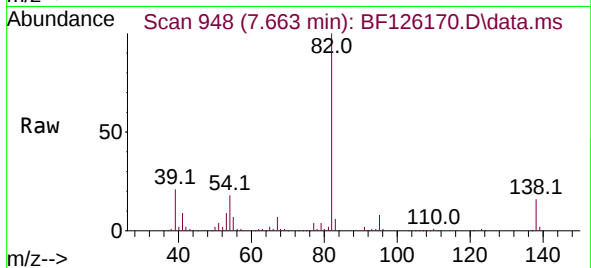




#25
Isophorone
Concen: 37.943 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

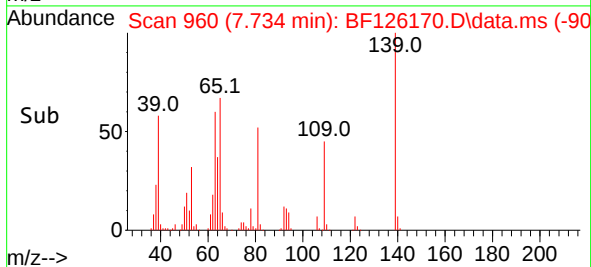
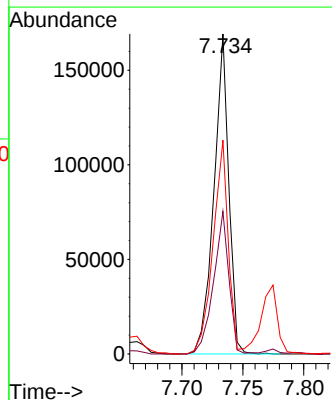
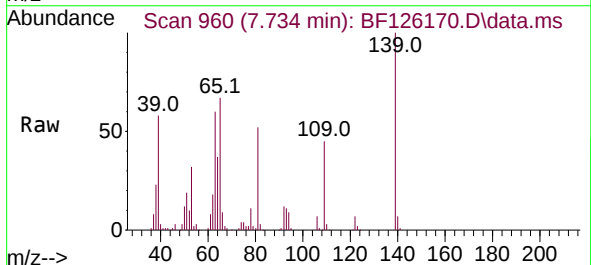
Instrument :
BNA_F
ClientSampleId :
PB140723BS

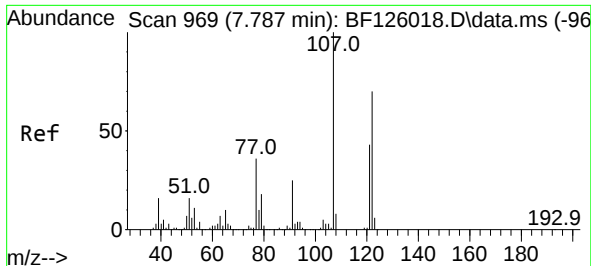
Tgt Ion: 82 Resp: 559824
Ion Ratio Lower Upper
82 100
95 8.5 6.5 9.7
138 15.7 18.4 27.6#



#26
2-Nitrophenol
Concen: 49.980 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:139 Resp: 144121
Ion Ratio Lower Upper
139 100
109 44.6 26.0 39.0#
65 66.8 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 44.220 ng

RT: 7.775 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

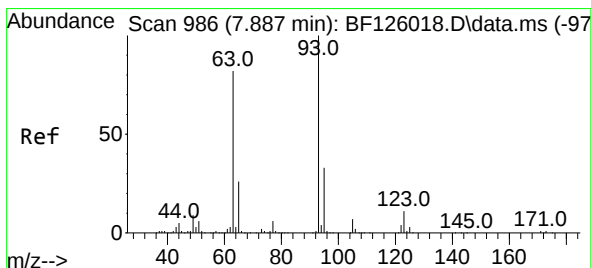
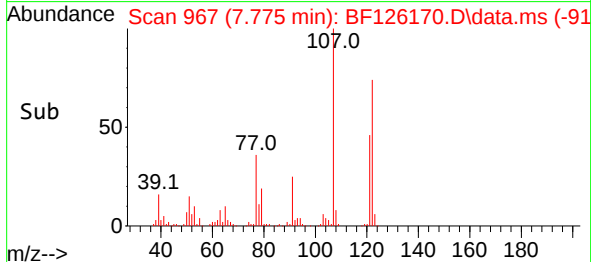
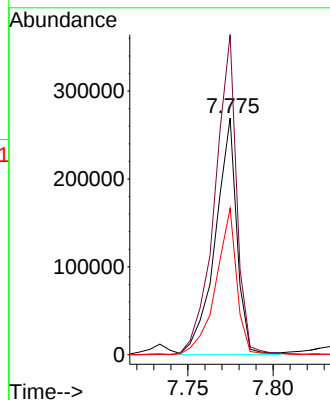
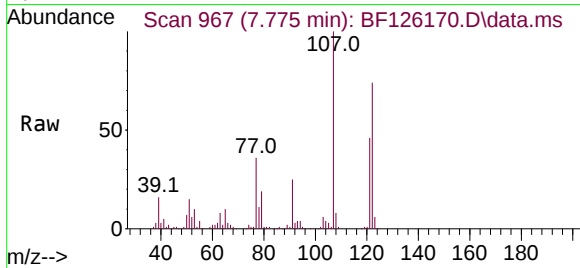
Tgt Ion:122 Resp: 237872

Ion Ratio Lower Upper

122 100

107 135.2 85.0 127.6#

121 61.8 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 36.563 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

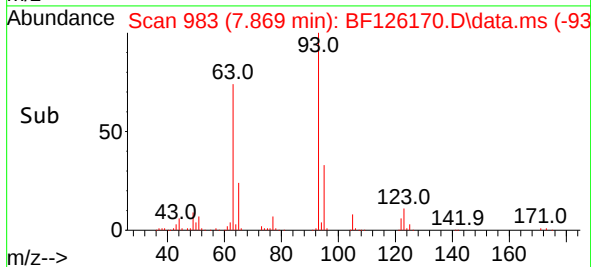
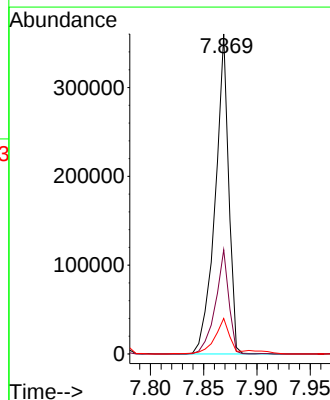
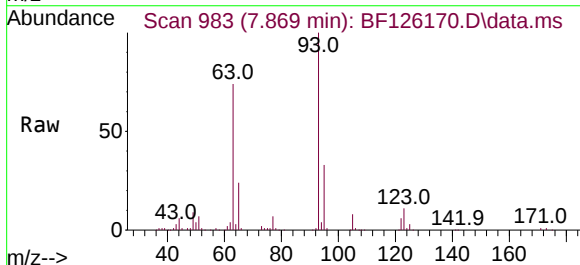
Tgt Ion: 93 Resp: 318117

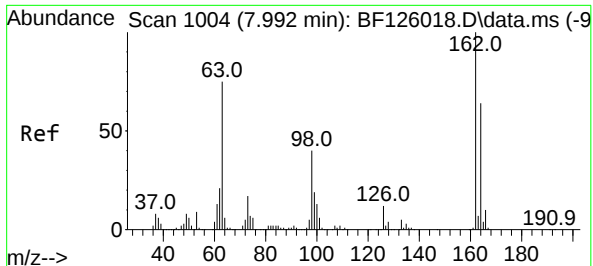
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 11.1 11.7 17.5#





#29

2,4-Dichlorophenol

Concen: 42.866 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

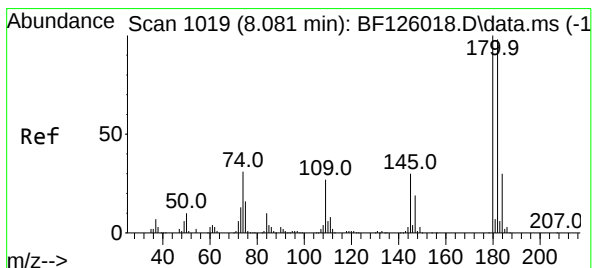
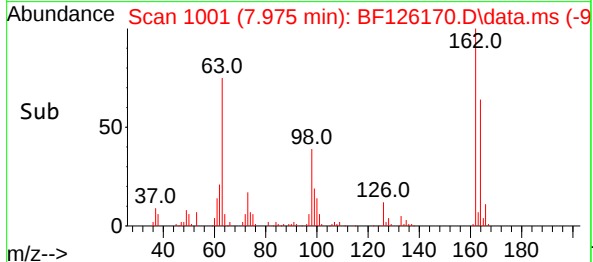
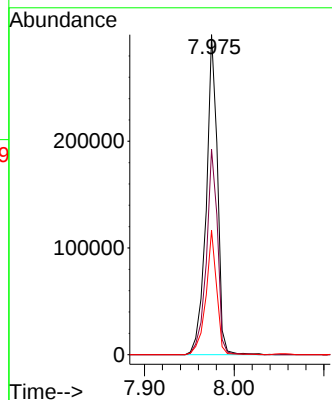
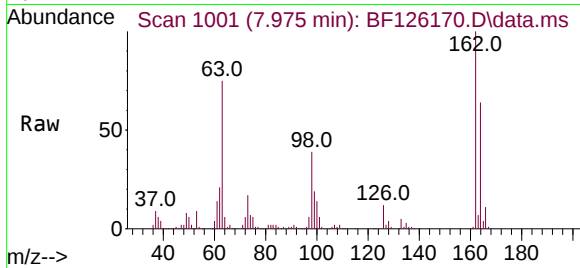
Tgt Ion:162 Resp: 260285

Ion Ratio Lower Upper

162 100

164 64.2 44.5 84.5

98 38.9 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 40.425 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

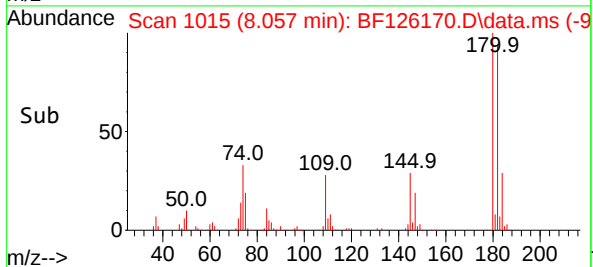
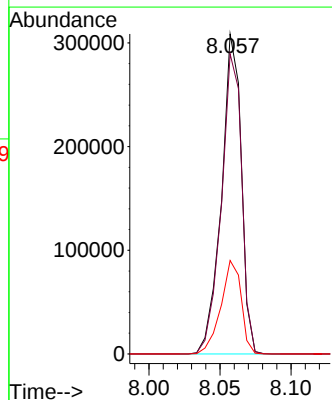
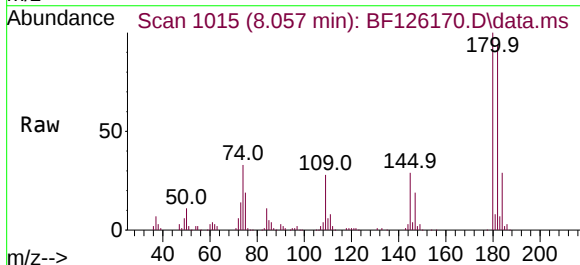
Tgt Ion:180 Resp: 299296

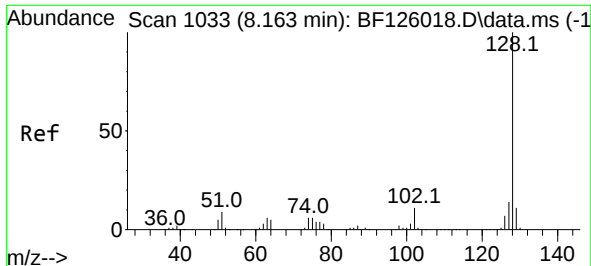
Ion Ratio Lower Upper

180 100

182 93.7 76.8 115.2

145 29.2 26.7 40.1

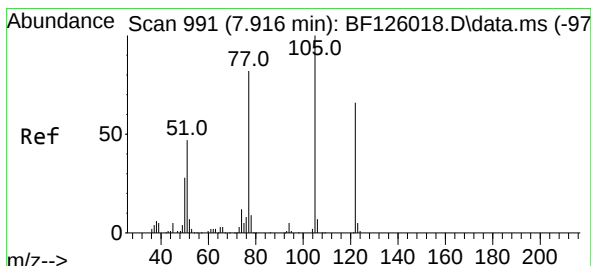
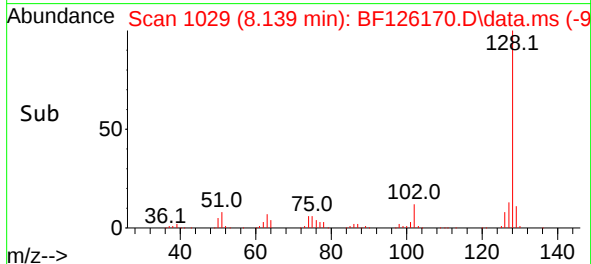
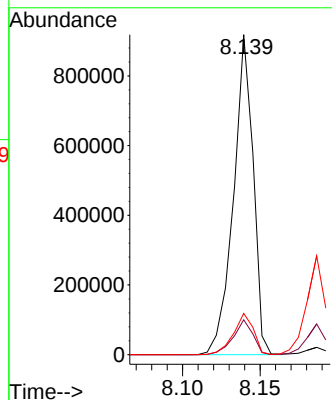
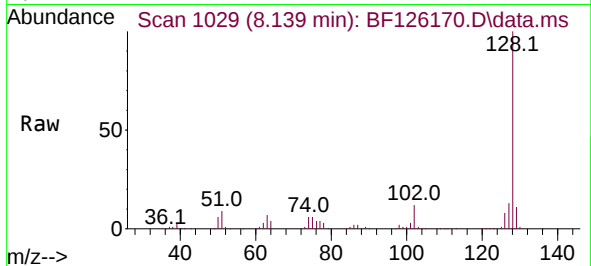




#31
Naphthalene
Concen: 40.455 ng
RT: 8.139 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

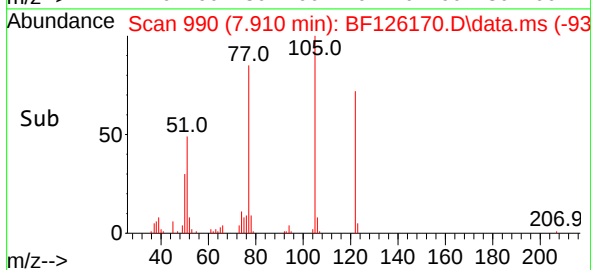
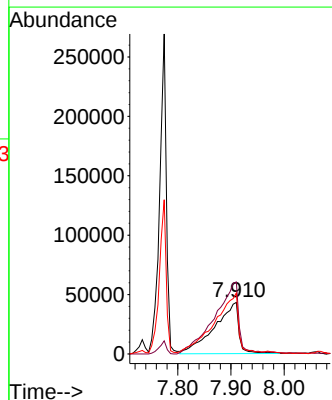
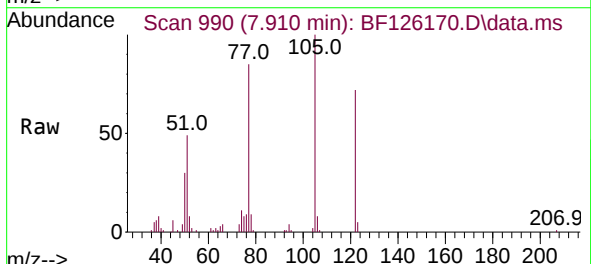
Instrument :
BNA_F
ClientSampleId :
PB140723BS

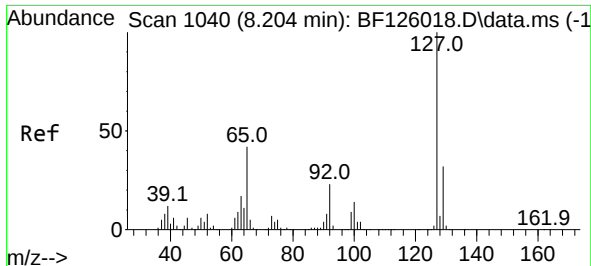
Tgt Ion:128 Resp: 809809
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 12.9 10.9 16.3



#32
Benzoic acid
Concen: 42.723 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.012 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:122 Resp: 138417
Ion Ratio Lower Upper
122 100
105 139.6 97.6 137.6#
77 118.2 59.6 99.6#

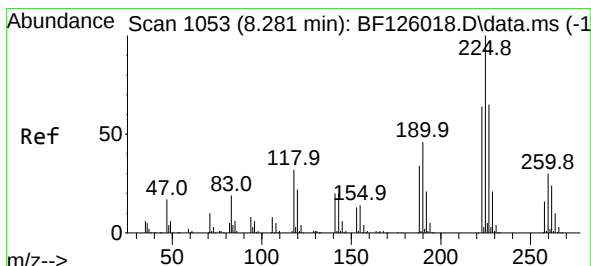
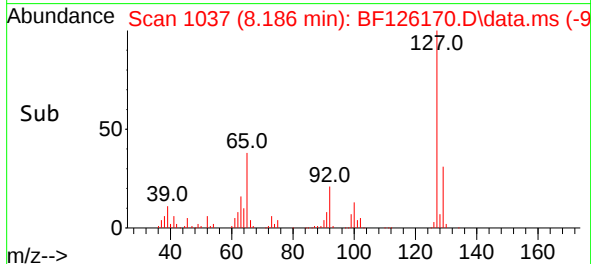
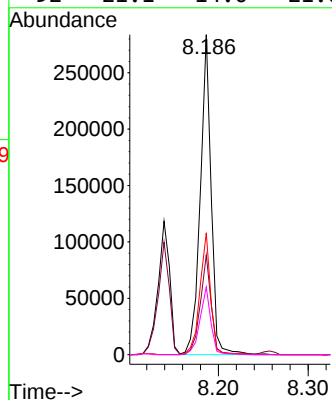
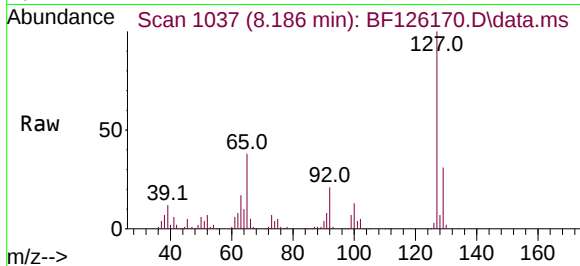




#33
4-Chloroaniline
Concen: 29.912 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

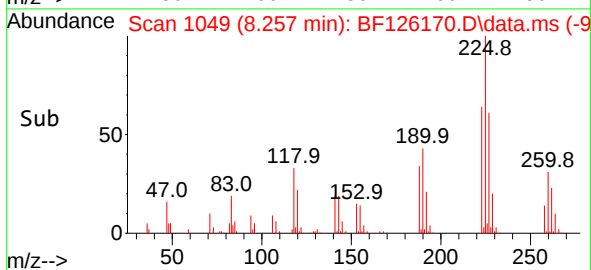
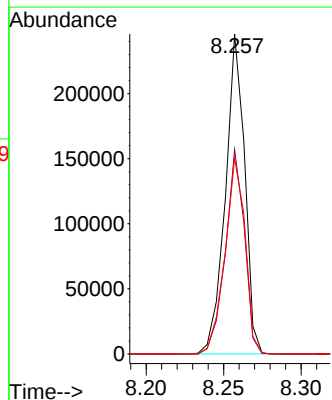
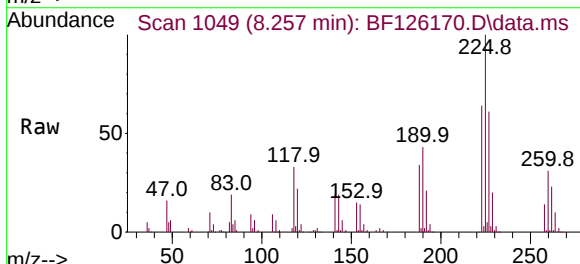
Instrument :
BNA_F
ClientSampleId :
PB140723BS

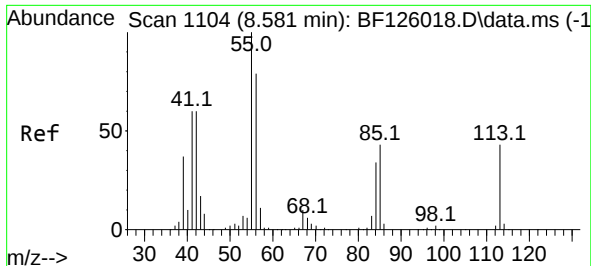
Tgt Ion:	127	Resp:	239307
Ion Ratio	Lower	Upper	
127	100		
129	31.1	25.7	38.5
65	38.1	21.2	31.8#
92	21.1	14.0	21.0#



#34
Hexachlorobutadiene
Concen: 41.634 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:	225	Resp:	212191
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.6	76.0
227	61.1	50.6	75.8

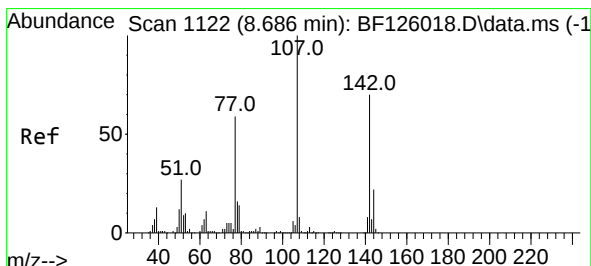
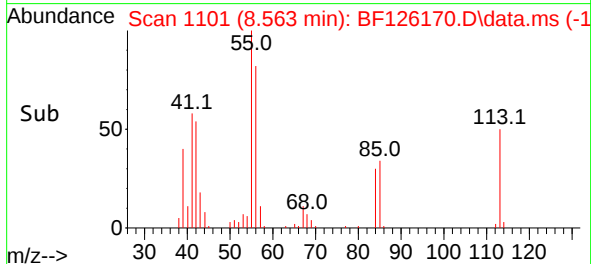
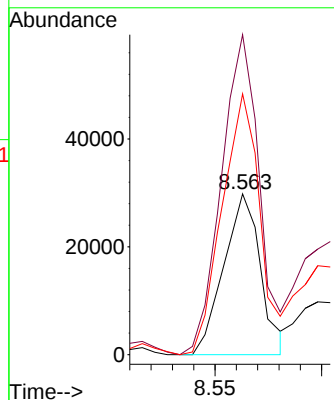
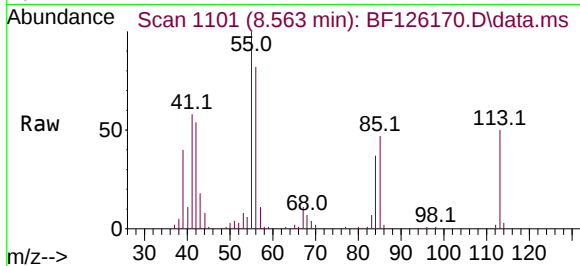




#35
 Caprolactam
 Concen: 21.133 ng
 RT: 8.563 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: BF126170.D
 Acq: 13 Nov 2021 15:54

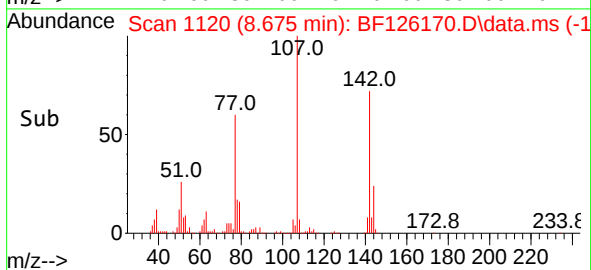
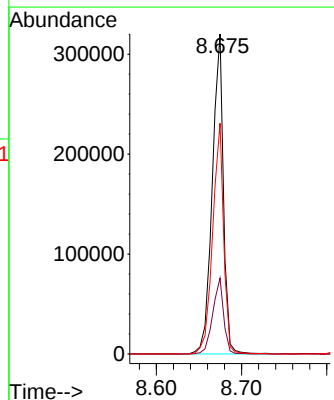
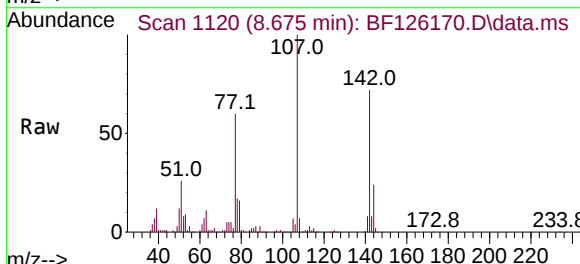
Instrument :
 BNA_F
 ClientSampleId :
 PB140723BS

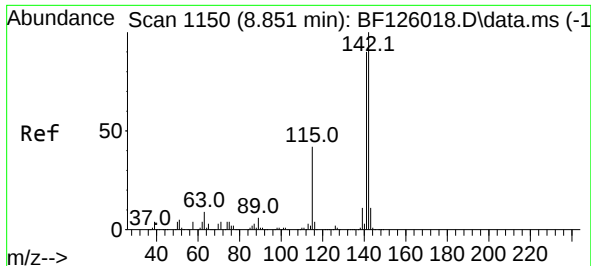
Tgt Ion:113 Resp: 35734
 Ion Ratio Lower Upper
 113 100
 55 199.0 154.1 194.1#
 56 162.2 108.7 148.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.598 ng
 RT: 8.675 min Scan# 1120
 Delta R.T. 0.006 min
 Lab File: BF126170.D
 Acq: 13 Nov 2021 15:54

Tgt Ion:107 Resp: 291265
 Ion Ratio Lower Upper
 107 100
 144 23.7 21.9 32.9
 142 72.1 67.1 100.7

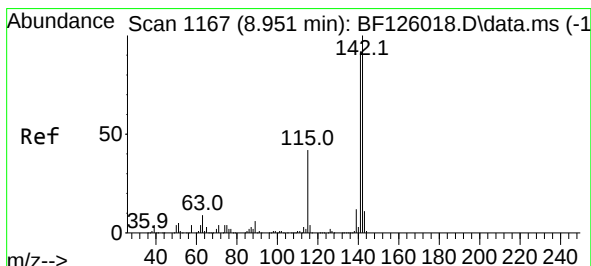
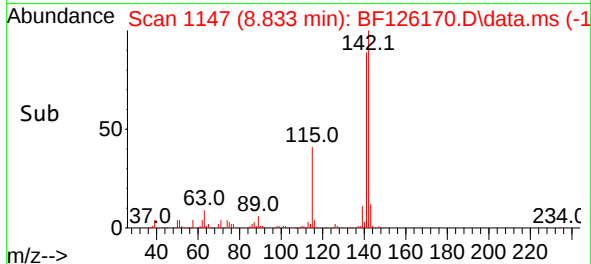
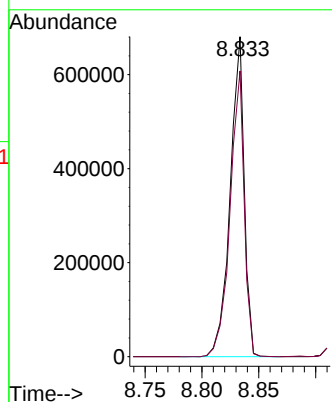
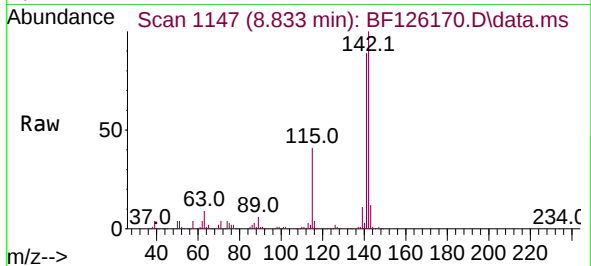




#37
2-Methylnaphthalene
Concen: 42.368 ng
RT: 8.833 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

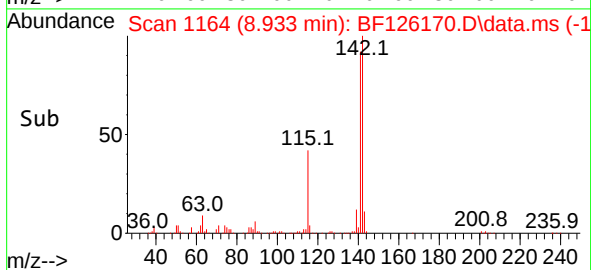
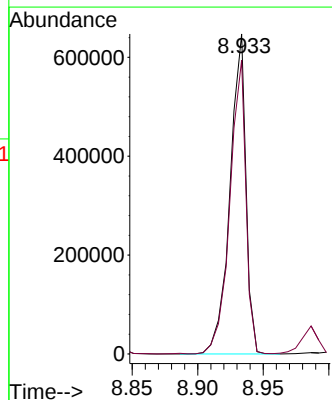
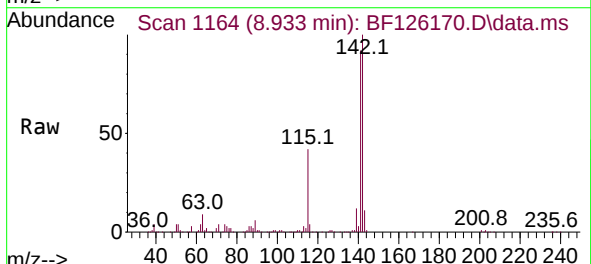
Instrument :
BNA_F
ClientSampleId :
PB140723BS

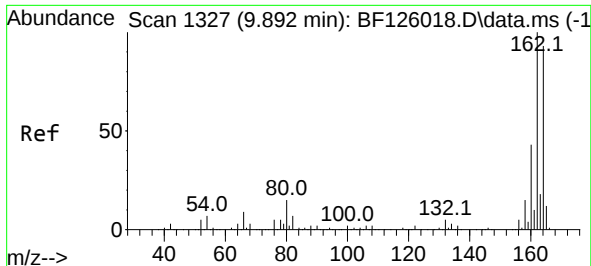
Tgt Ion:142 Resp: 585756
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8



#38
1-Methylnaphthalene
Concen: 40.779 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:142 Resp: 546093
Ion Ratio Lower Upper
142 100
141 91.8 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

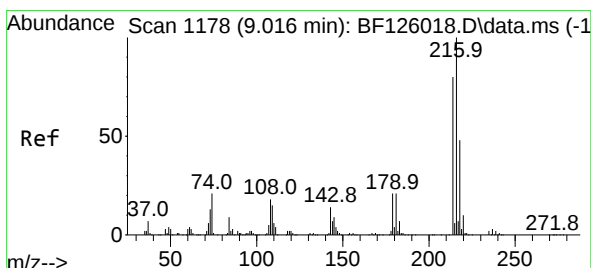
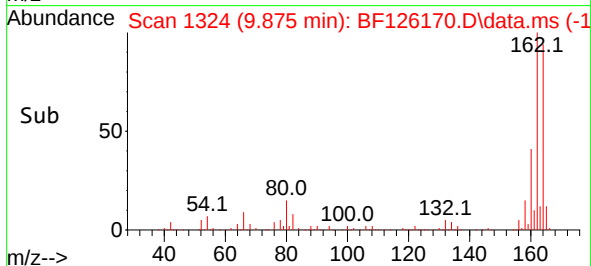
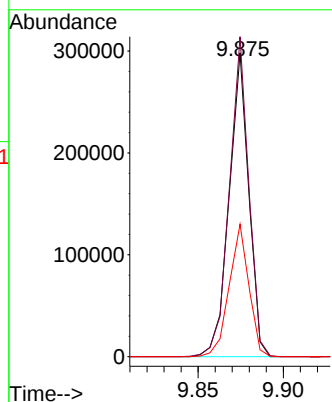
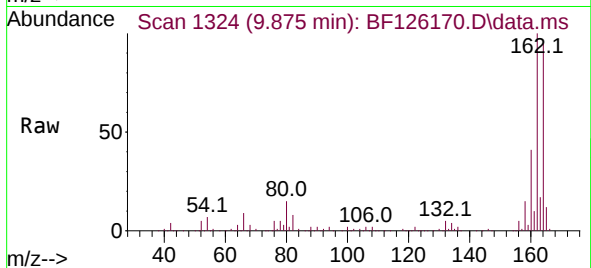
Tgt Ion:164 Resp: 239258

Ion Ratio Lower Upper

164 100

162 105.3 81.3 121.9

160 43.6 38.0 57.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.433 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Tgt Ion:216 Resp: 340237

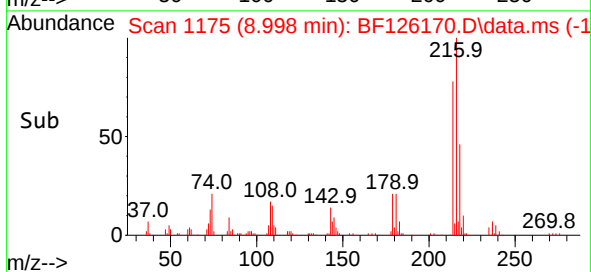
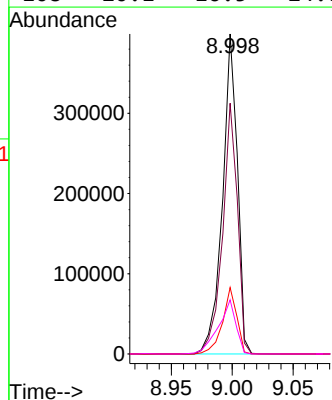
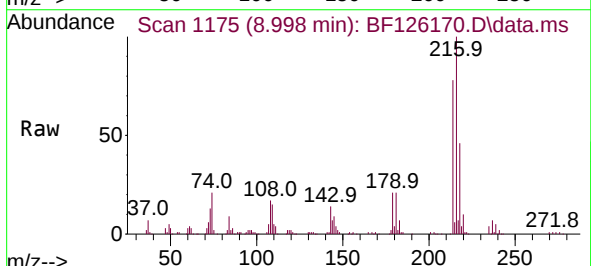
Ion Ratio Lower Upper

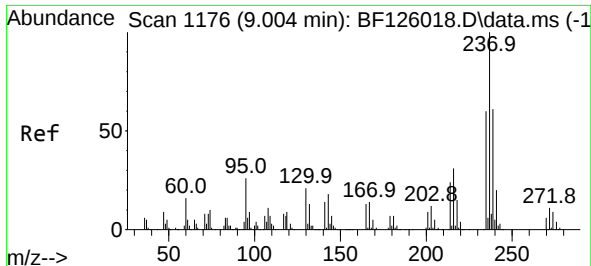
216 100

214 78.0 64.9 97.3

179 20.0 17.4 26.2

108 20.1 16.5 24.7

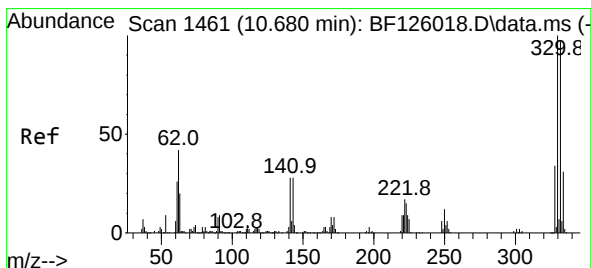
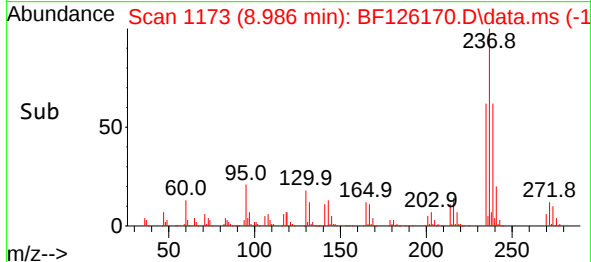
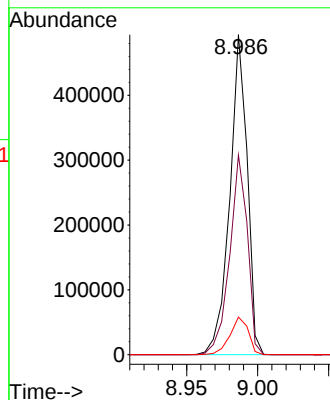
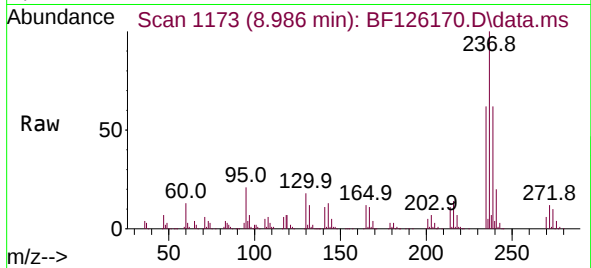




#41
Hexachlorocyclopentadiene
Concen: 101.266 ng
RT: 8.986 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

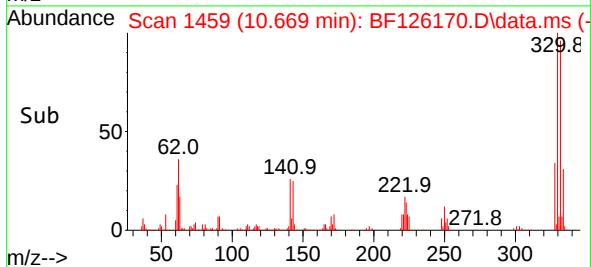
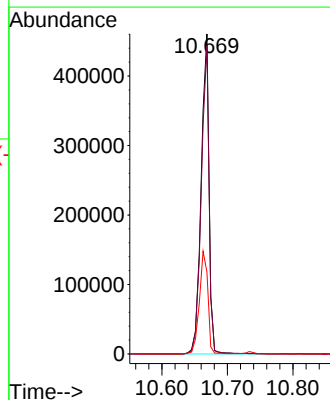
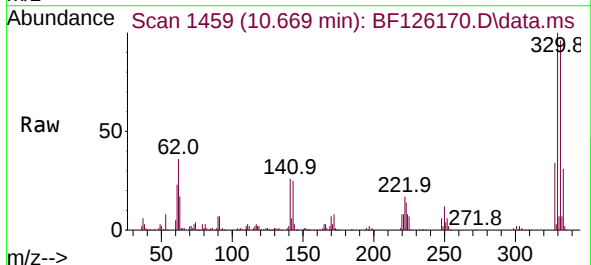
Instrument :
BNA_F
ClientSampleId :
PB140723BS

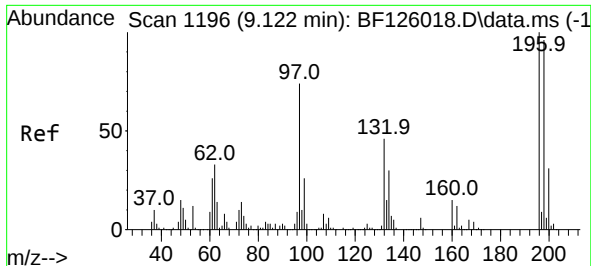
Tgt Ion:237 Resp: 421883
Ion Ratio Lower Upper
237 100
235 62.4 44.7 84.7
272 11.8 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 140.667 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:330 Resp: 385696
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 34.5 44.6 66.8#

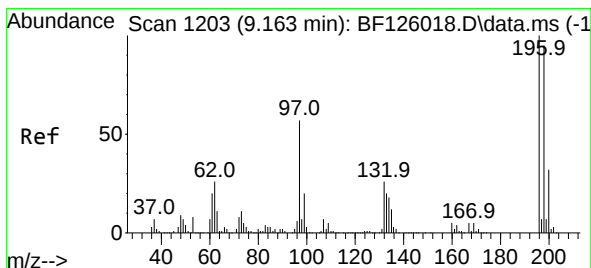
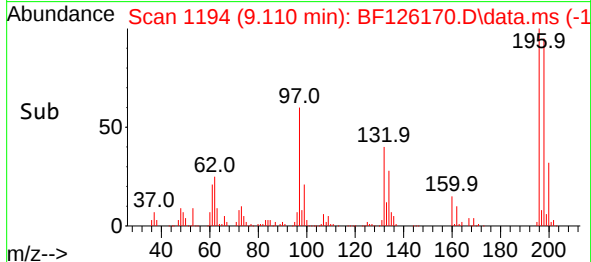
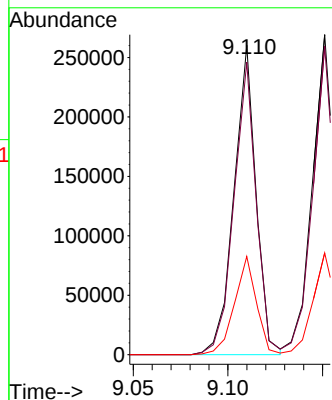
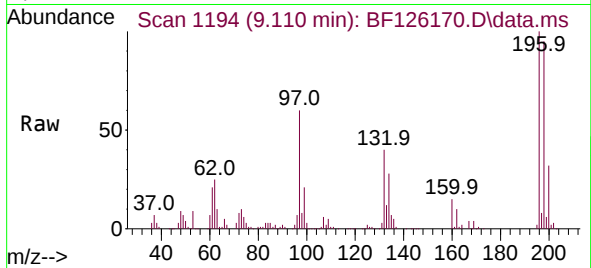




#43
2,4,6-Trichlorophenol
Concen: 43.423 ng
RT: 9.110 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

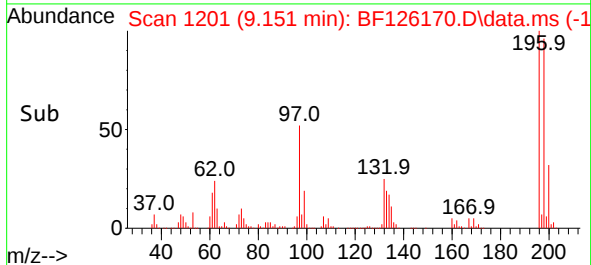
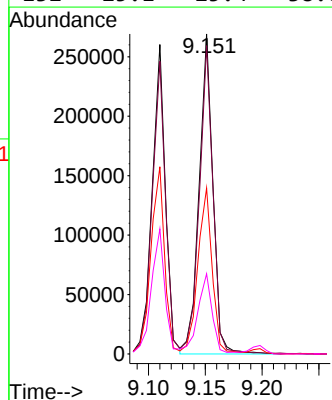
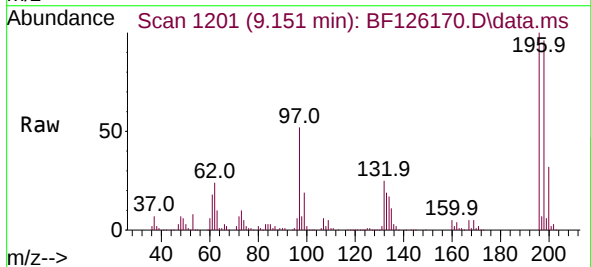
Instrument :
BNA_F
ClientSampleId :
PB140723BS

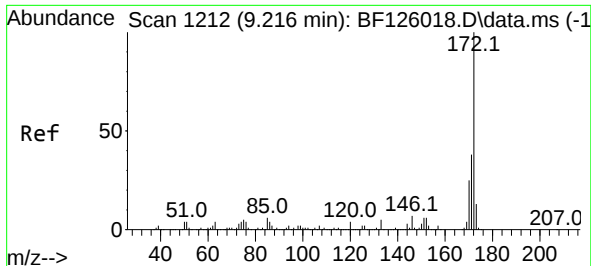
Tgt Ion:196 Resp: 210839
Ion Ratio Lower Upper
196 100
198 94.5 74.9 112.3
200 31.7 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 43.558 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:196 Resp: 228483
Ion Ratio Lower Upper
196 100
198 96.3 80.2 120.2
97 51.9 44.0 66.0
132 25.1 25.4 38.0#





#45

2-Fluorobiphenyl

Concen: 77.462 ng

RT: 9.198 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

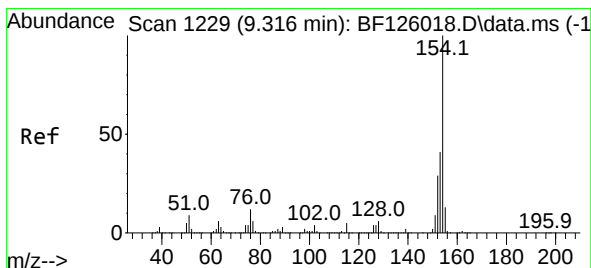
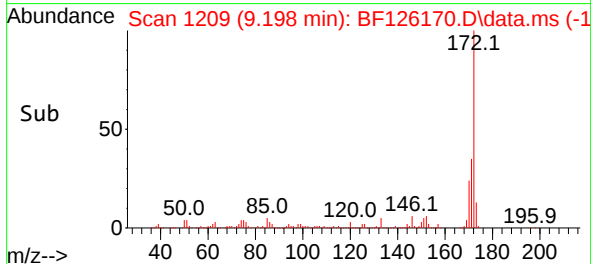
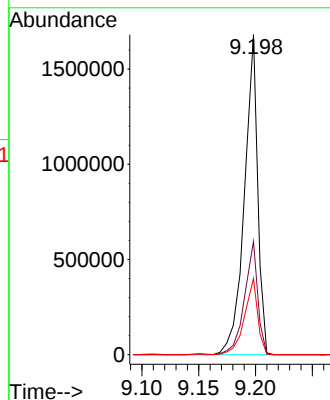
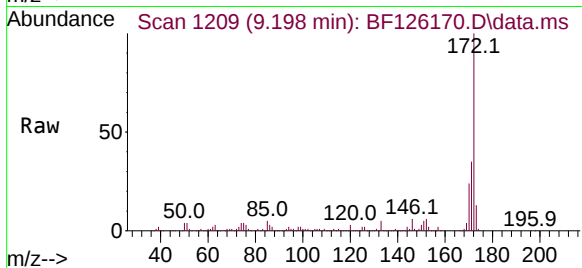
Tgt Ion:172 Resp: 1371463

Ion Ratio Lower Upper

172 100

171 35.4 26.5 39.7

170 23.8 18.8 28.2



#46

1,1'-Biphenyl

Concen: 38.959 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

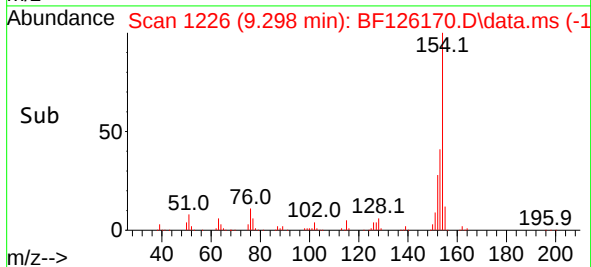
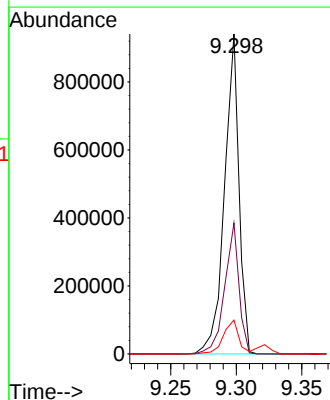
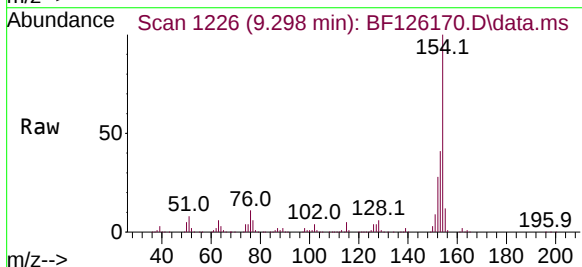
Tgt Ion:154 Resp: 720470

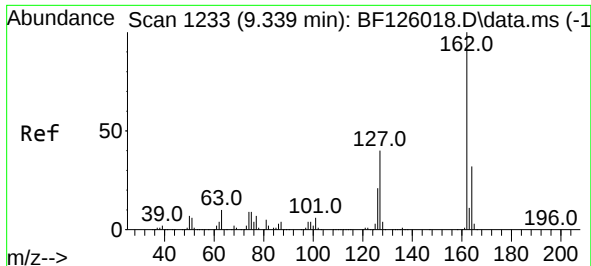
Ion Ratio Lower Upper

154 100

153 40.9 20.0 60.0

76 10.6 0.0 30.3

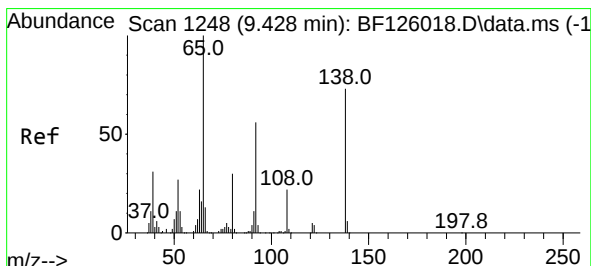
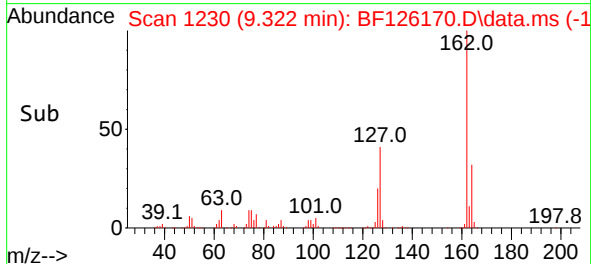
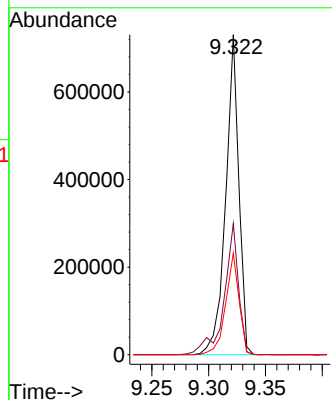
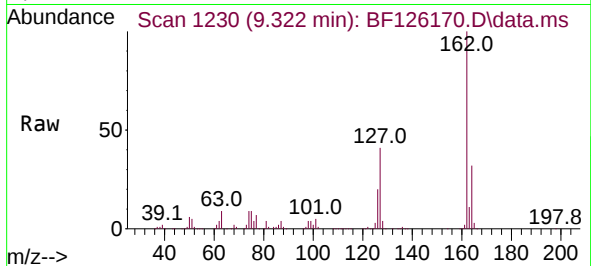




#47
2-Chloronaphthalene
Concen: 40.508 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

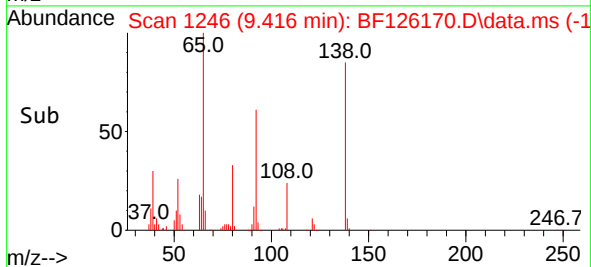
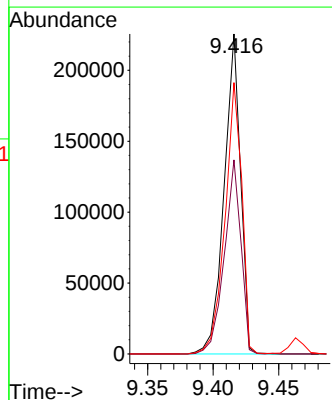
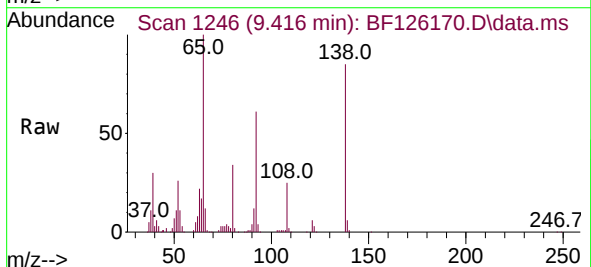
Instrument :
BNA_F
ClientSampleId :
PB140723BS

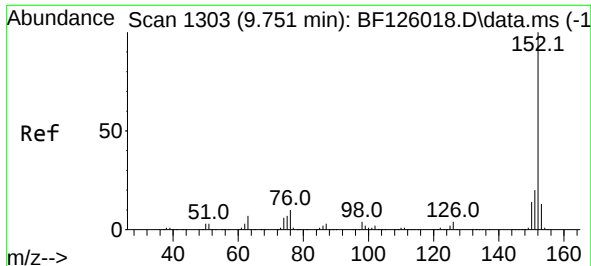
Tgt Ion:162 Resp: 589634
Ion Ratio Lower Upper
162 100
127 41.0 33.0 49.4
164 31.8 25.8 38.8



#48
2-Nitroaniline
Concen: 41.612 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion: 65 Resp: 196196
Ion Ratio Lower Upper
65 100
92 60.7 55.5 83.3
138 84.8 93.5 140.3#





#49

Acenaphthylene

Concen: 40.583 ng

RT: 9.739 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

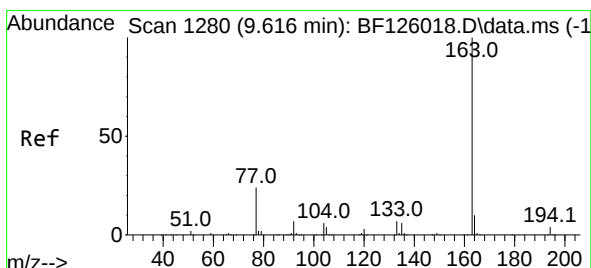
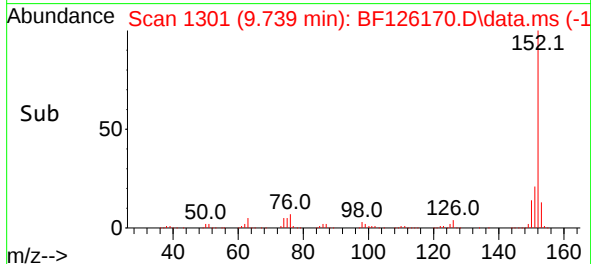
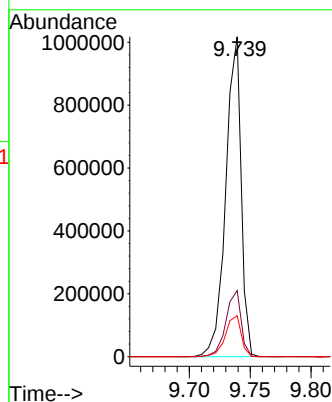
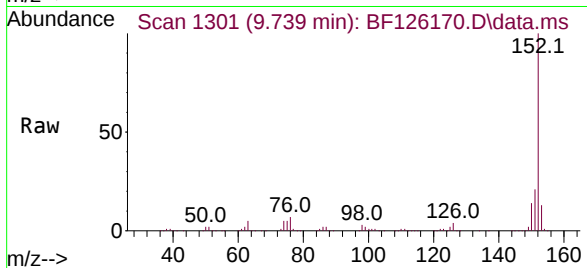
Tgt Ion:152 Resp: 893343

Ion Ratio Lower Upper

152 100

151 20.7 15.7 23.5

153 12.8 9.8 14.8



#50

Dimethylphthalate

Concen: 40.368 ng

RT: 9.604 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

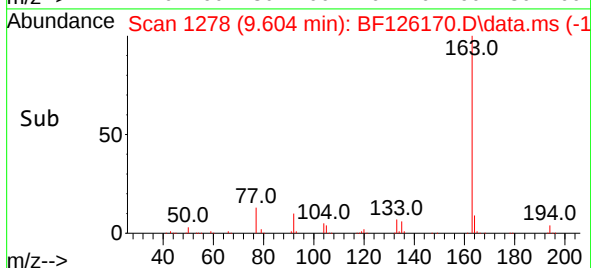
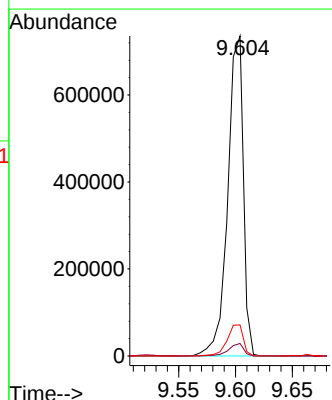
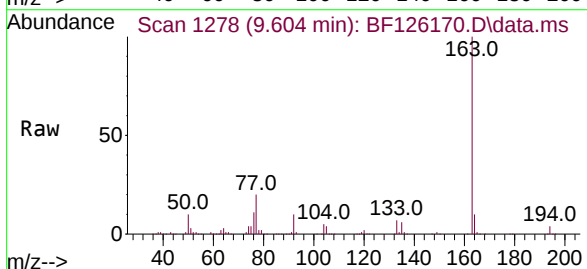
Tgt Ion:163 Resp: 703160

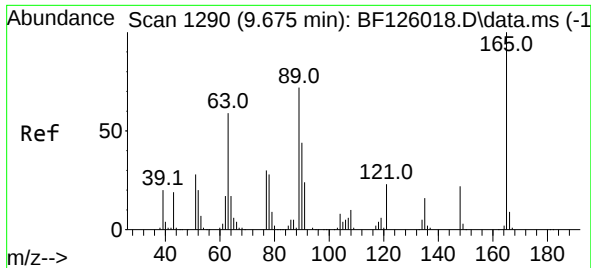
Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

164 9.7 7.4 11.0

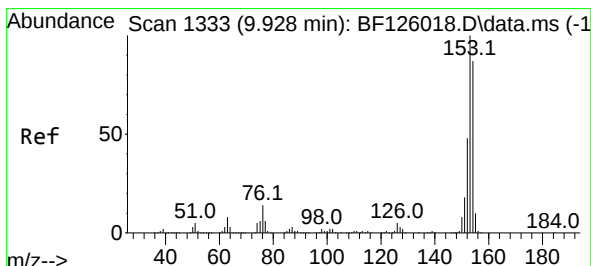
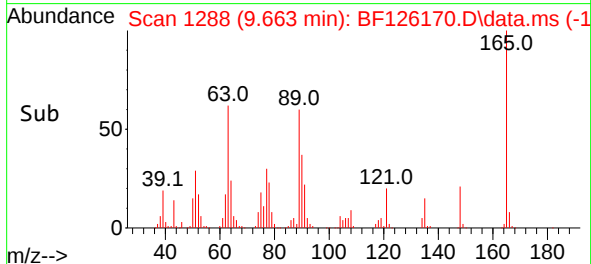
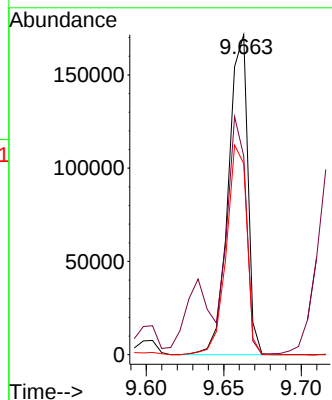
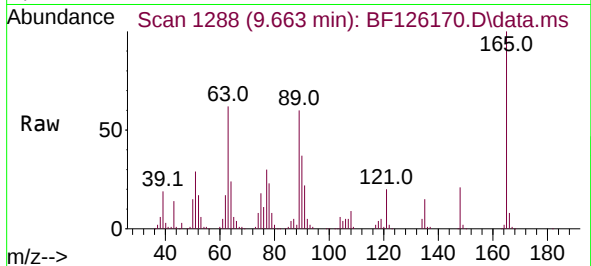




#51
2,6-Dinitrotoluene
Concen: 50.168 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

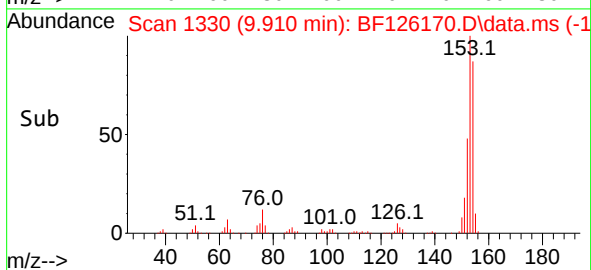
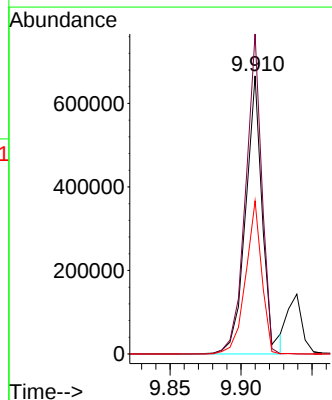
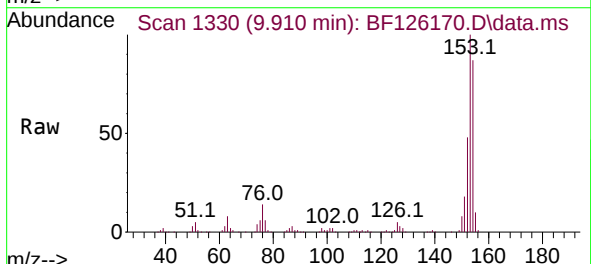
Instrument :
BNA_F
ClientSampleId :
PB140723BS

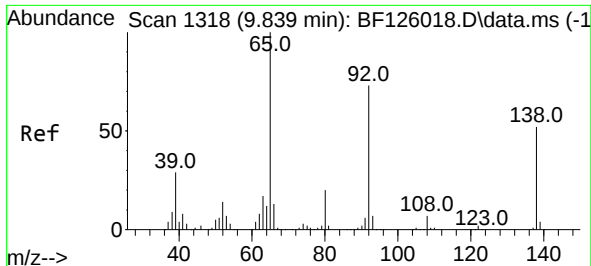
Tgt Ion:165 Resp: 149788
Ion Ratio Lower Upper
165 100
63 62.1 42.6 63.8
89 59.7 40.6 60.8



#52
Acenaphthene
Concen: 39.625 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:154 Resp: 550172
Ion Ratio Lower Upper
154 100
153 115.1 89.4 134.2
152 55.0 40.5 60.7

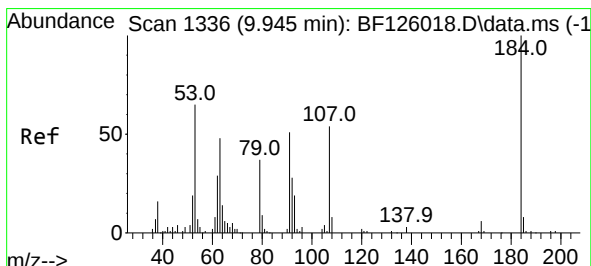
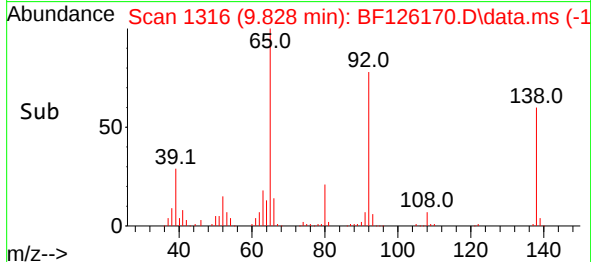
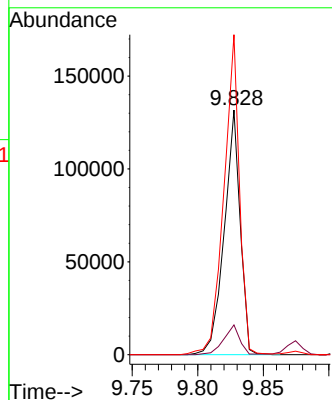
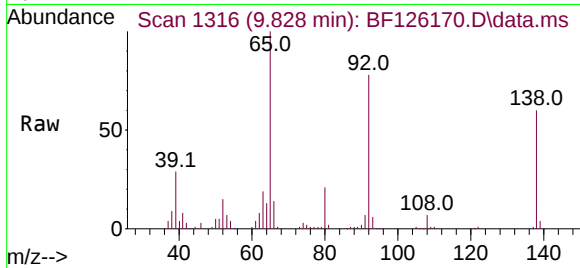




#53
3-Nitroaniline
Concen: 36.275 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

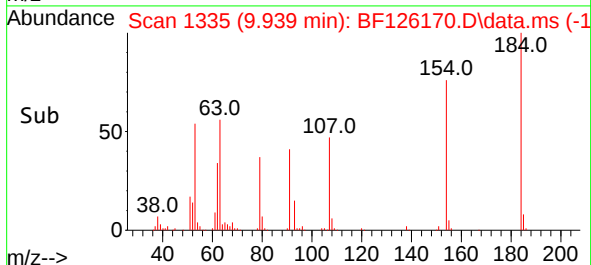
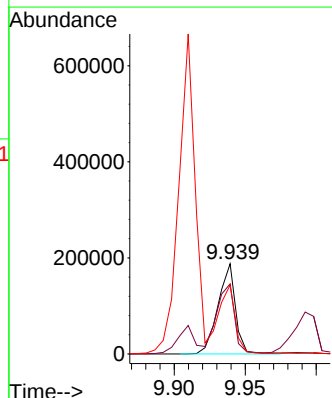
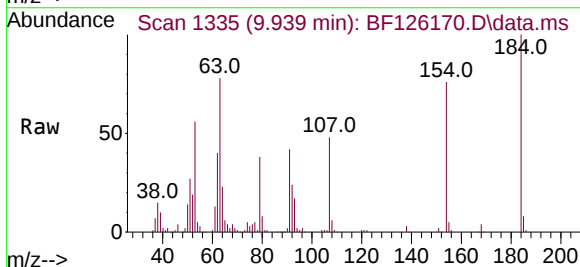
Instrument :
BNA_F
ClientSampleId :
PB140723BS

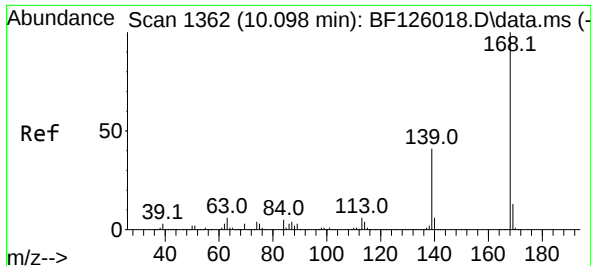
Tgt Ion:138 Resp: 111030
Ion Ratio Lower Upper
138 100
108 12.1 9.3 13.9
92 130.8 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 94.401 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:184 Resp: 160902
Ion Ratio Lower Upper
184 100
63 77.7 59.3 88.9
154 76.4 68.6 102.8

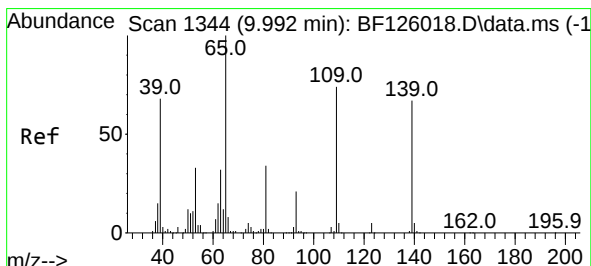
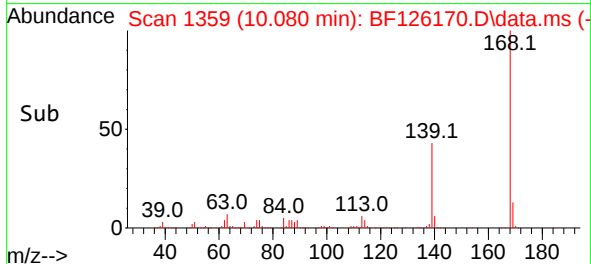
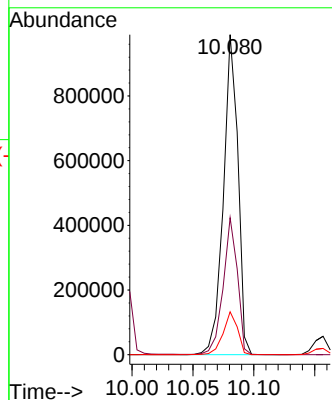
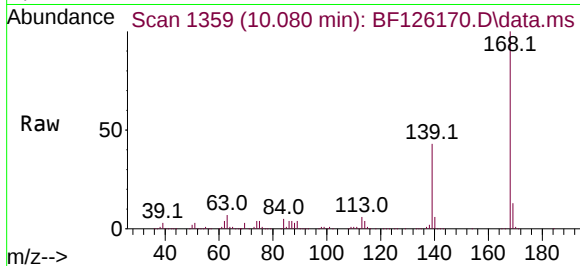




#55
Dibenzenofuran
Concen: 39.426 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

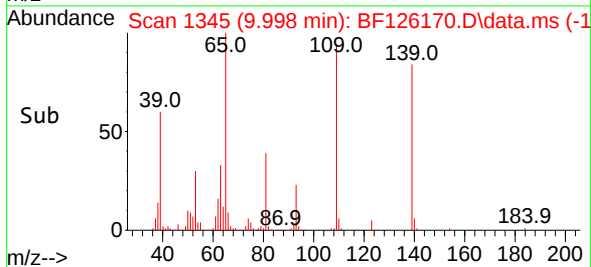
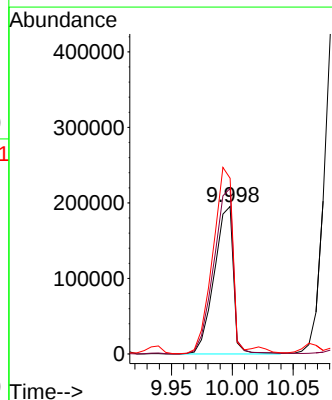
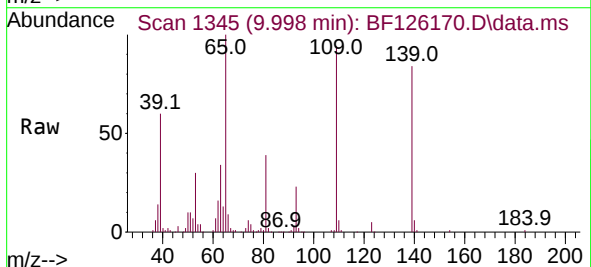
Instrument :
BNA_F
ClientSampleId :
PB140723BS

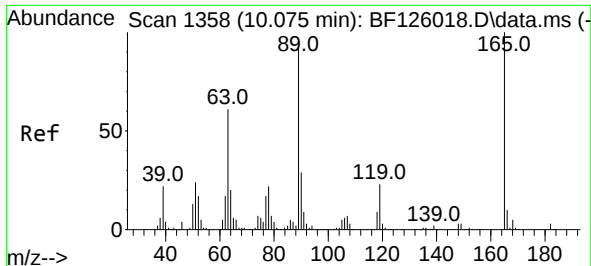
Tgt Ion:168 Resp: 824049
Ion Ratio Lower Upper
168 100
139 42.8 32.7 49.1
169 13.4 11.2 16.8



#56
4-Nitrophenol
Concen: 88.596 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.012 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:139 Resp: 214018
Ion Ratio Lower Upper
139 100
109 112.3 60.4 100.4#
65 119.1 58.4 98.4#

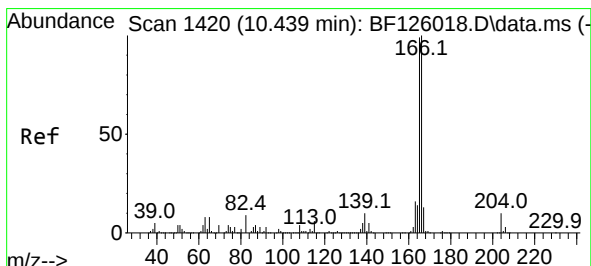
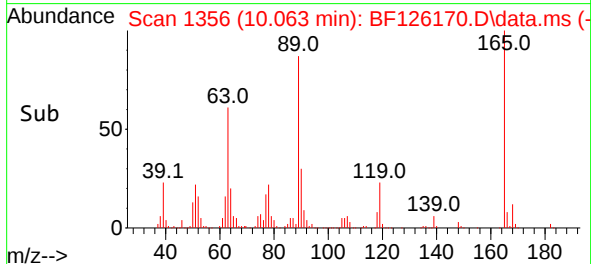
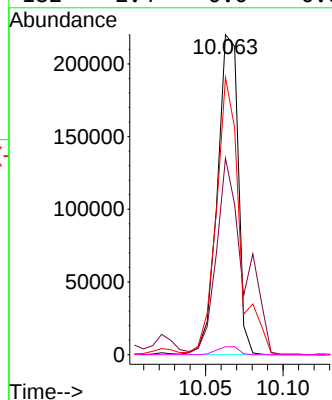
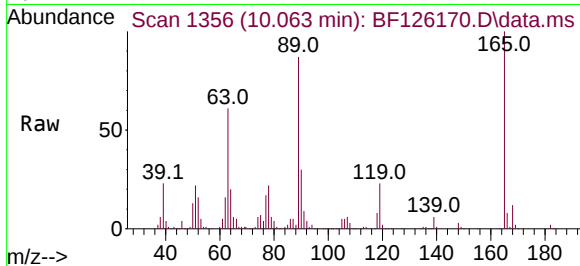




#57
2,4-Dinitrotoluene
Concen: 47.841 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

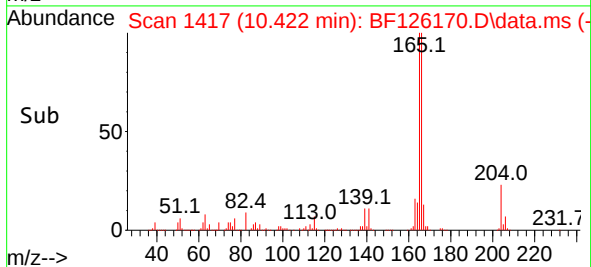
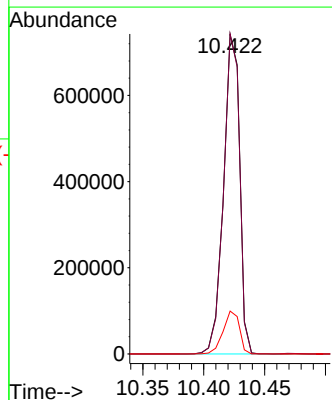
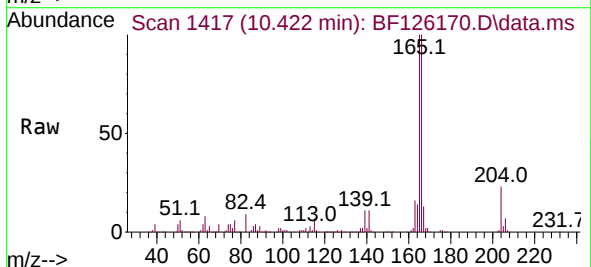
Instrument :
BNA_F
ClientSampleId :
PB140723BS

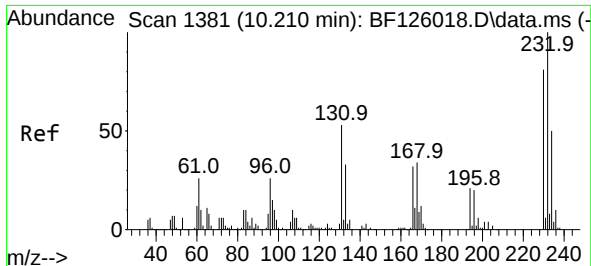
Tgt Ion:165 Resp: 205715
Ion Ratio Lower Upper
165 100
63 61.4 40.9 61.3#
89 86.7 59.7 89.5
182 2.4 0.0 0.0#



#58
Fluorene
Concen: 40.772 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:166 Resp: 684151
Ion Ratio Lower Upper
166 100
165 100.2 78.1 117.1
167 13.4 11.1 16.7

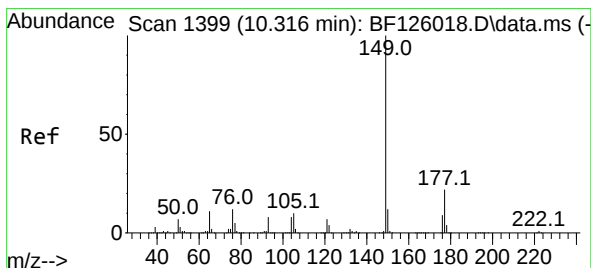
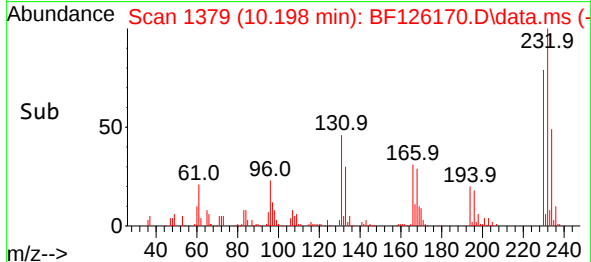
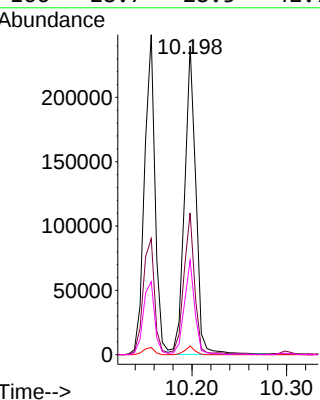
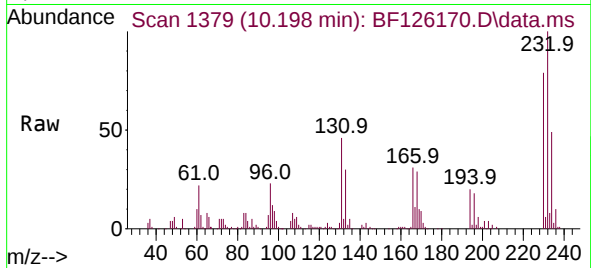




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.624 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

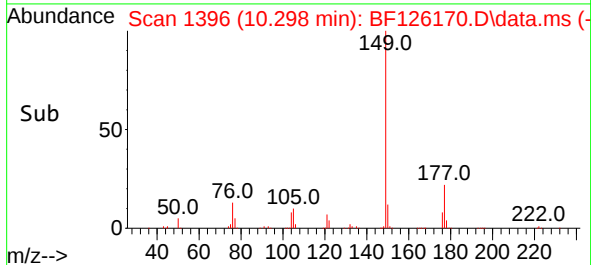
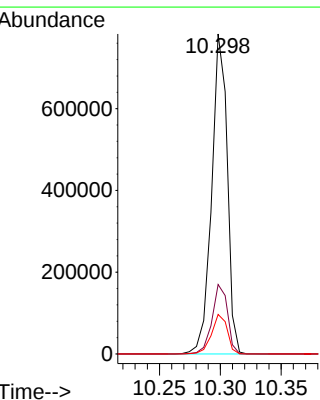
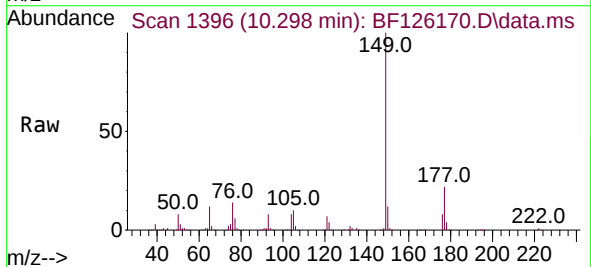
Instrument :
BNA_F
ClientSampleId :
PB140723BS

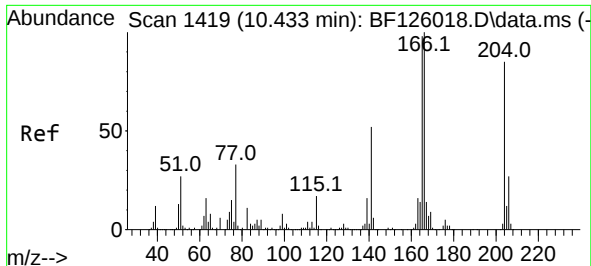
Tgt Ion:232 Resp: 198211
Ion Ratio Lower Upper
232 100
131 45.1 45.4 68.0#
130 2.4 0.0 0.0#
166 28.7 28.5 42.7



#60
Diethylphthalate
Concen: 39.945 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:149 Resp: 697768
Ion Ratio Lower Upper
149 100
177 21.7 16.5 24.7
150 12.4 10.1 15.1

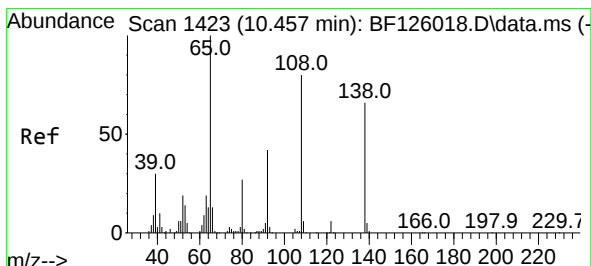
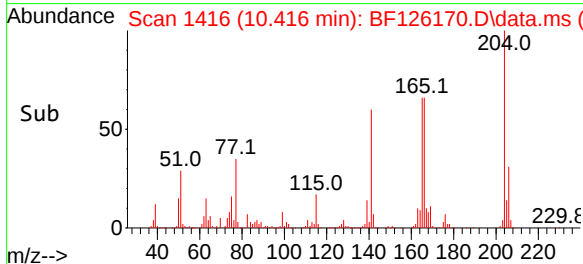
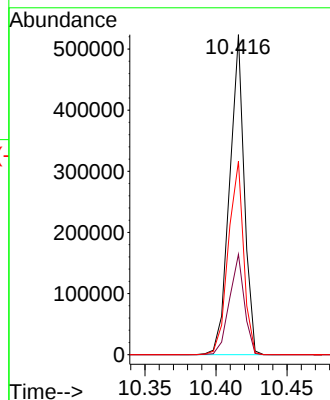
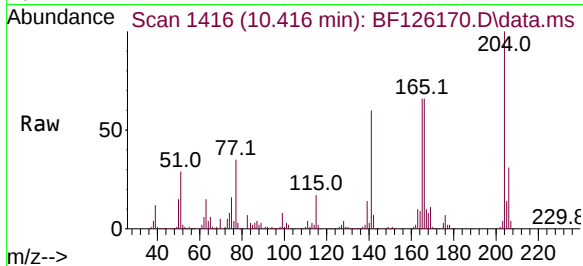




#61
4-Chlorophenyl-phenylether
Concen: 41.866 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

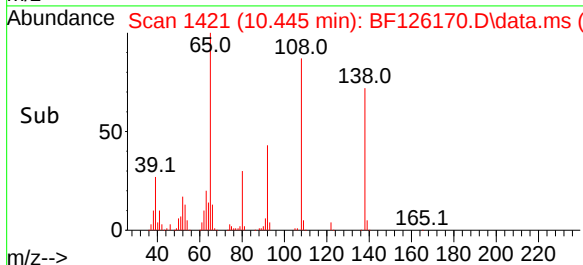
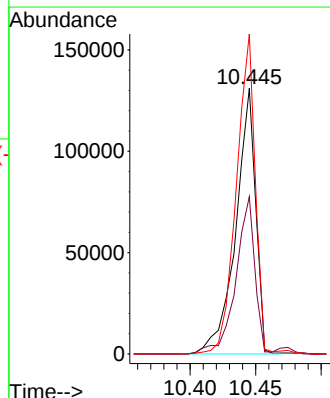
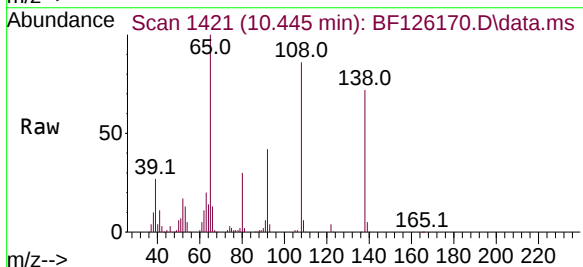
Instrument :
BNA_F
ClientSampleId :
PB140723BS

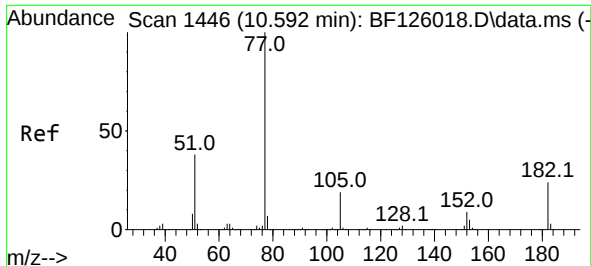
Tgt Ion:204 Resp: 375703
Ion Ratio Lower Upper
204 100
206 31.4 27.6 41.4
141 60.4 58.6 88.0



#62
4-Nitroaniline
Concen: 43.365 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:138 Resp: 138438
Ion Ratio Lower Upper
138 100
92 59.2 29.6 69.6
108 120.5 78.1 118.1#

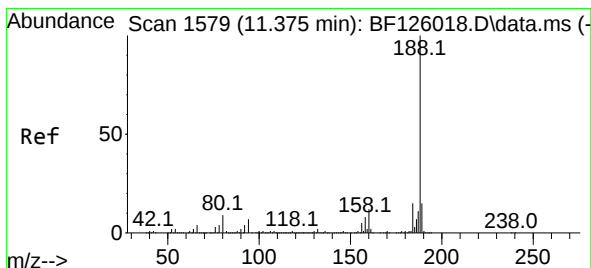
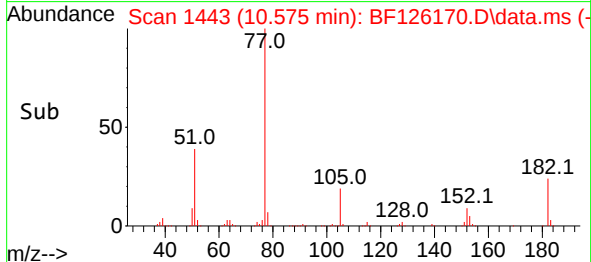
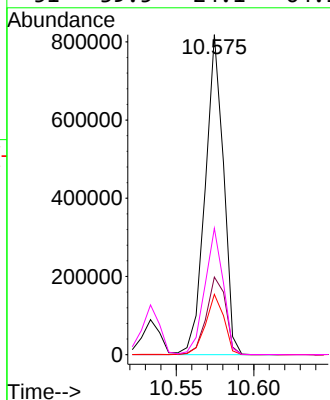
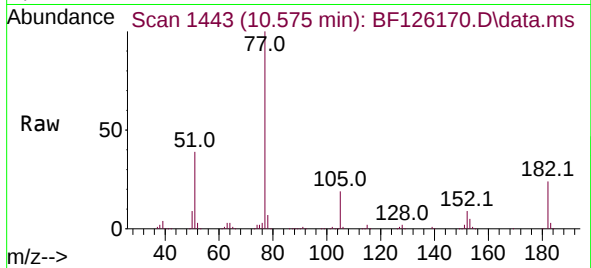




#63
Azobenzene
Concen: 35.410 ng
RT: 10.575 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

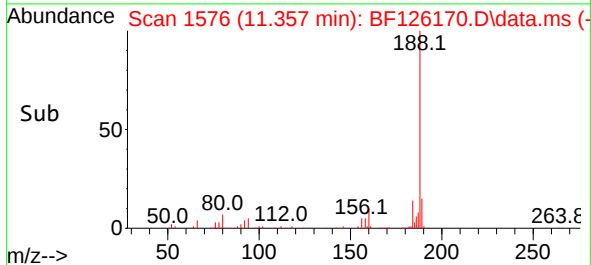
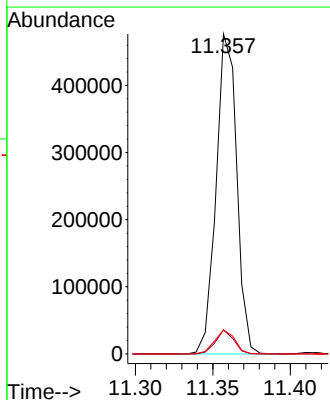
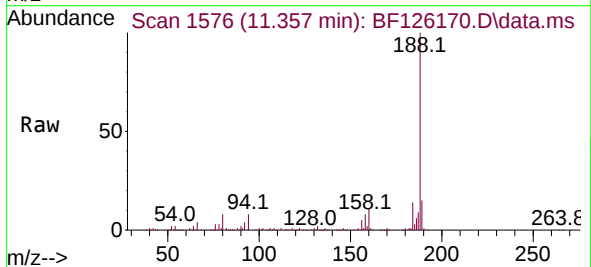
Instrument :
BNA_F
ClientSampleId :
PB140723BS

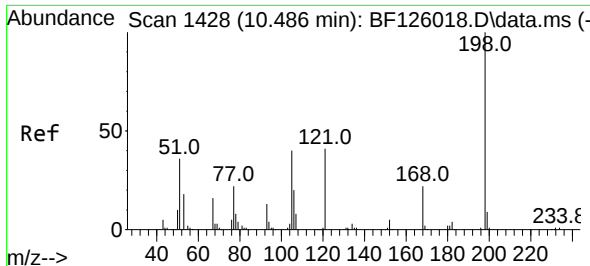
Tgt Ion: 77	Resp: 671642
Ion Ratio	Lower Upper
77 100	
182 24.3	6.3 46.3
105 18.9	2.9 42.9
51 39.5	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:188	Resp: 441086		
Ion Ratio	Lower	Upper	
188 100			
94 7.5	6.7	10.1	
80 7.5	7.5	11.3#	

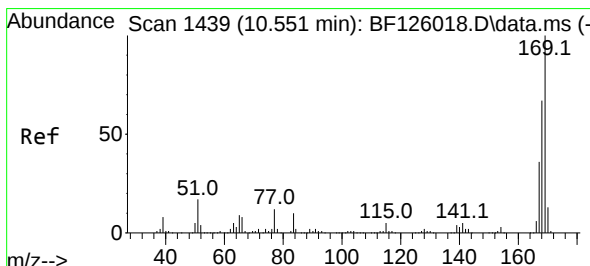
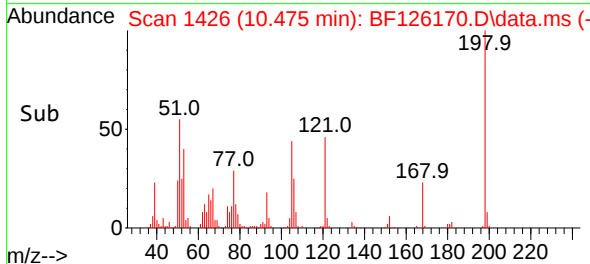
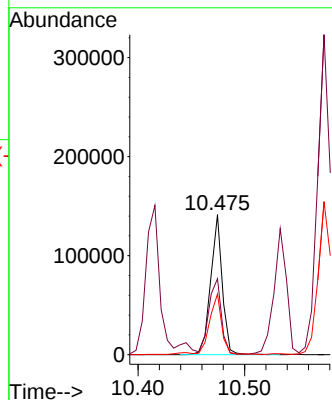
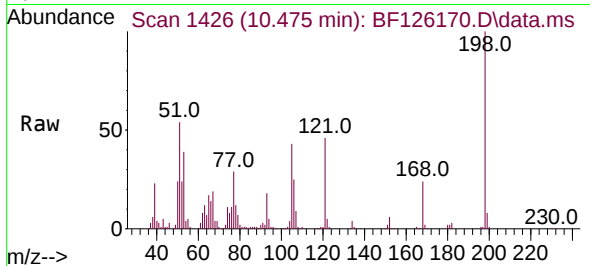




#65
4,6-Dinitro-2-methylphenol
Concen: 50.165 ng
RT: 10.475 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

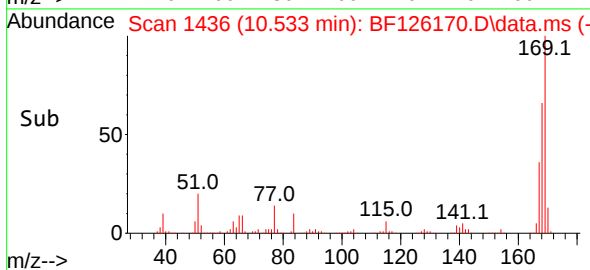
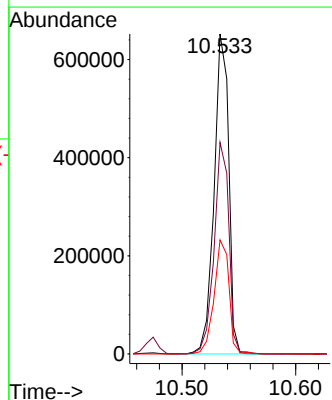
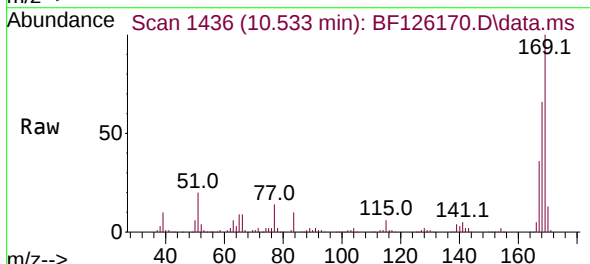
Instrument :
BNA_F
ClientSampleId :
PB140723BS

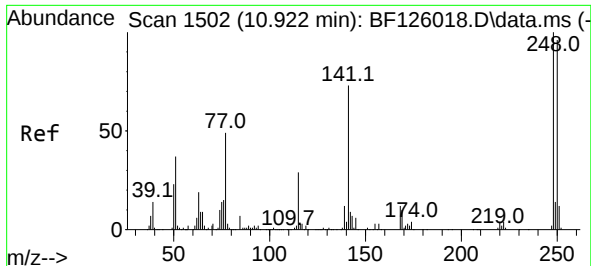
Tgt Ion:198 Resp: 107502
Ion Ratio Lower Upper
198 100
51 54.3 45.3 85.3
105 43.3 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 41.329 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:169 Resp: 580528
Ion Ratio Lower Upper
169 100
168 66.1 50.8 76.2
167 35.6 28.8 43.2

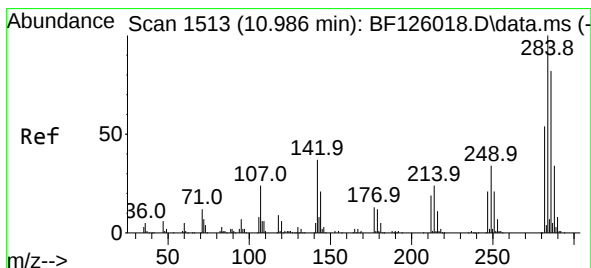
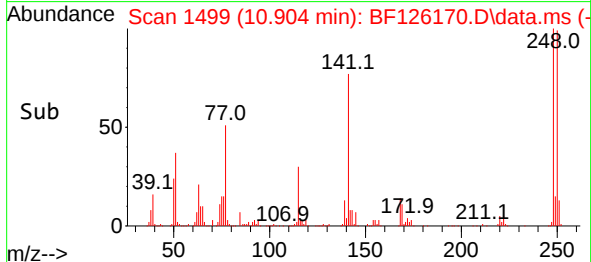
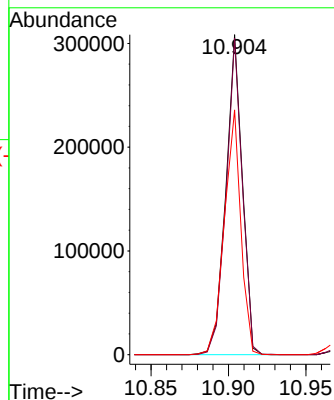
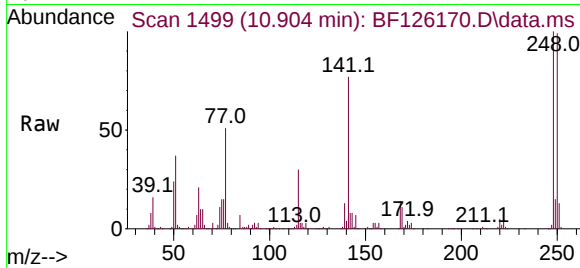




#67
4-Bromophenyl-phenylether
Concen: 42.755 ng
RT: 10.904 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

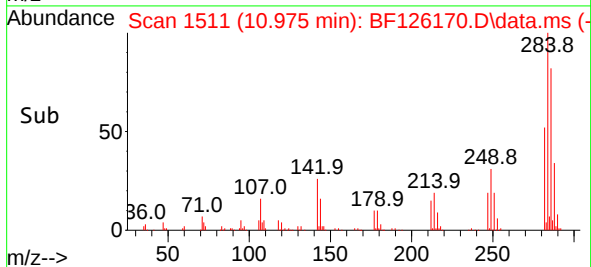
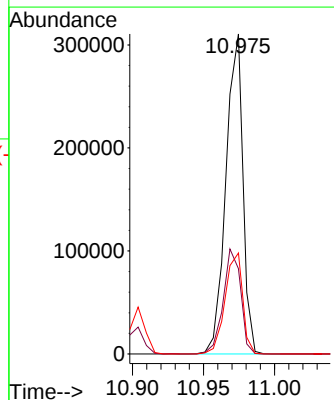
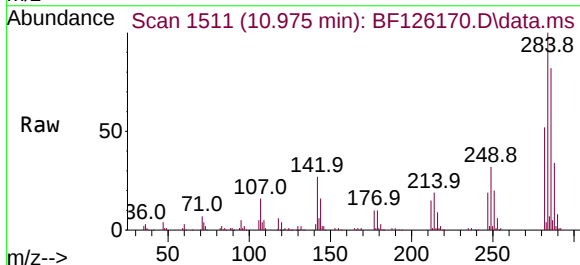
Instrument :
BNA_F
ClientSampleId :
PB140723BS

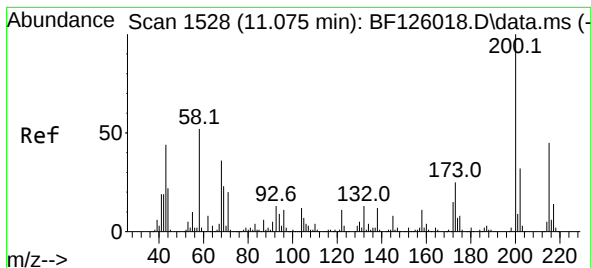
Tgt Ion:248 Resp: 228421
Ion Ratio Lower Upper
248 100
250 98.9 74.2 111.4
141 76.5 60.4 90.6



#68
Hexachlorobenzene
Concen: 46.242 ng
RT: 10.975 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:284 Resp: 258079
Ion Ratio Lower Upper
284 100
142 26.7 36.4 54.6#
249 31.5 25.6 38.4





#69

Atrazine

Concen: 44.881 ng

RT: 11.063 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

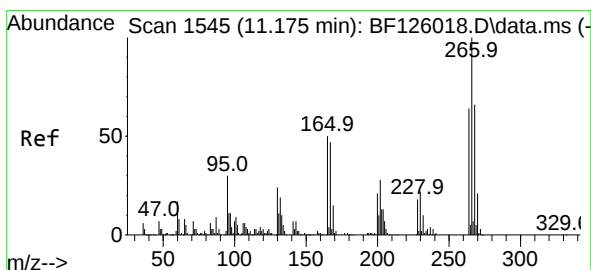
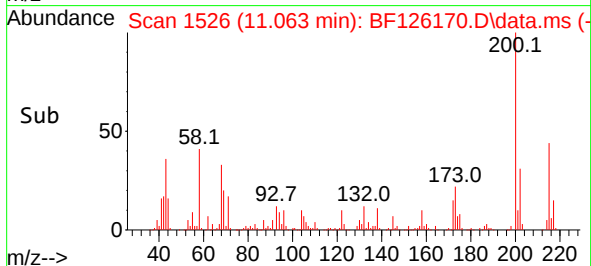
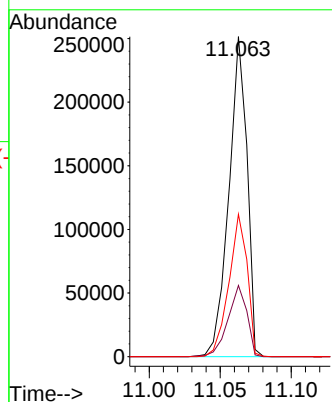
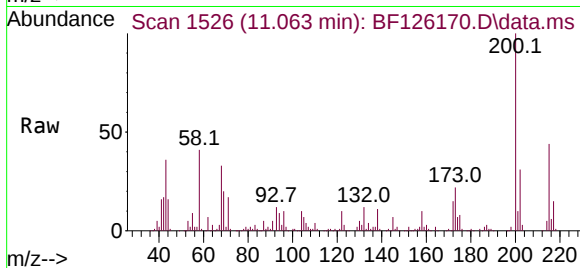
Tgt Ion:200 Resp: 222989

Ion Ratio Lower Upper

200 100

173 22.3 11.1 51.1

215 44.5 22.7 62.7



#70

Pentachlorophenol

Concen: 92.403 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

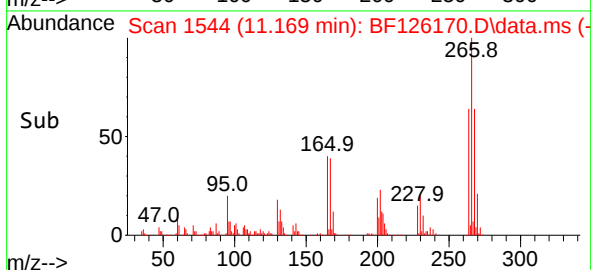
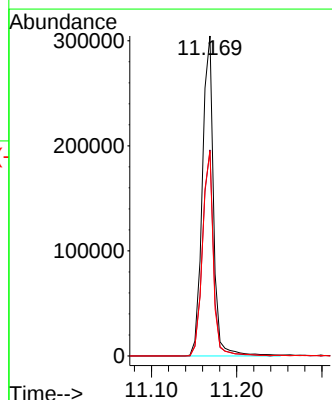
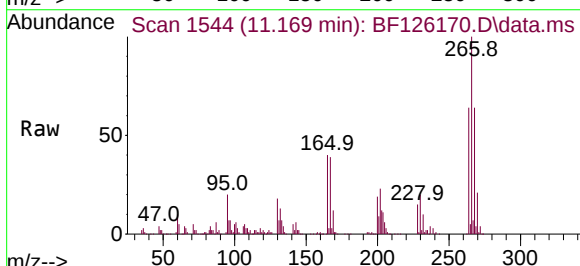
Tgt Ion:266 Resp: 277888

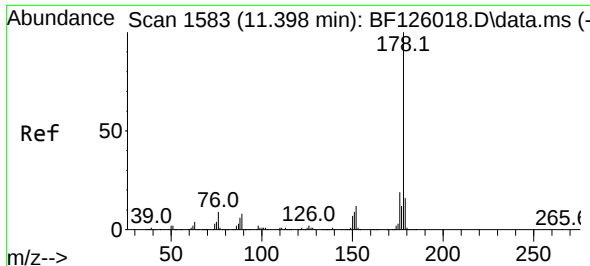
Ion Ratio Lower Upper

266 100

268 64.4 48.9 73.3

264 63.9 55.9 83.9

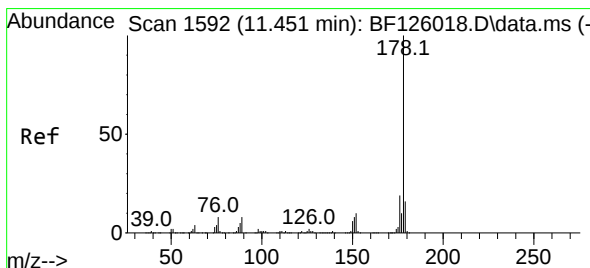
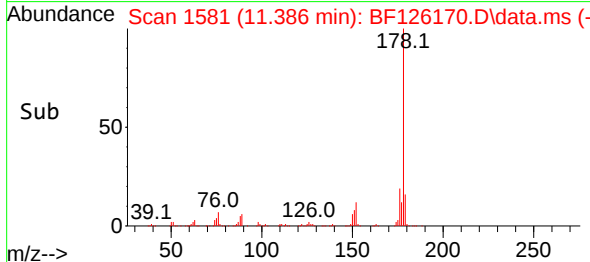
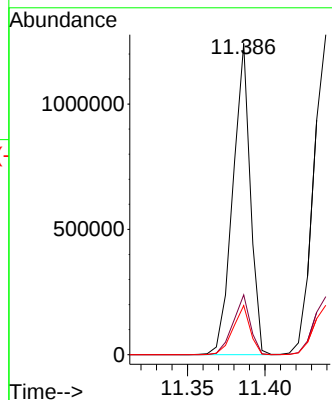
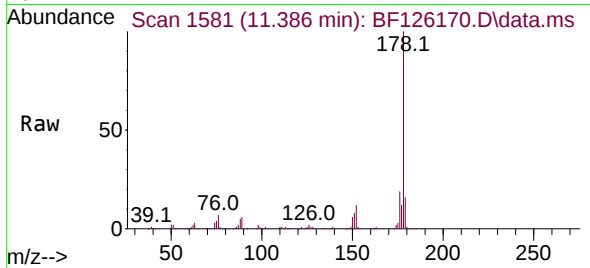




#71
Phenanthrene
Concen: 40.570 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

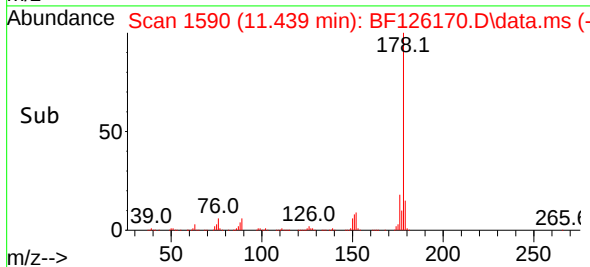
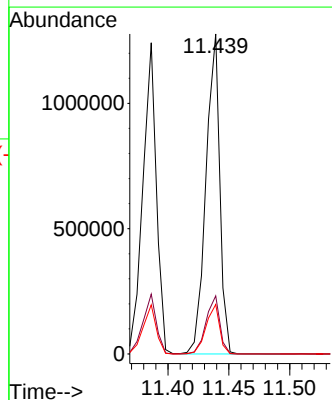
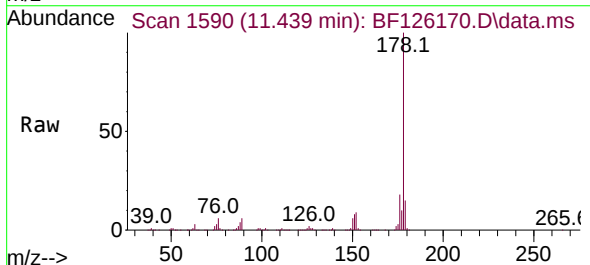
Instrument :
BNA_F
ClientSampleId :
PB140723BS

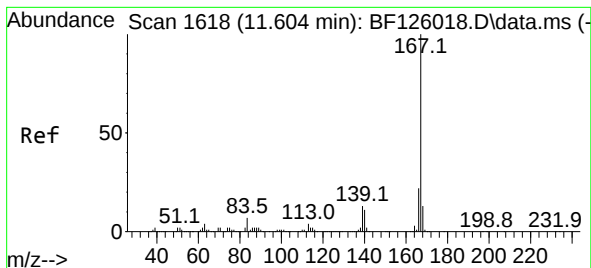
Tgt Ion:178 Resp: 970450
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.8 11.5 17.3



#72
Anthracene
Concen: 42.194 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:178 Resp: 1007663
Ion Ratio Lower Upper
178 100
176 18.2 14.3 21.5
179 15.5 12.2 18.4





#73

Carbazole

Concen: 37.430 ng

RT: 11.592 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

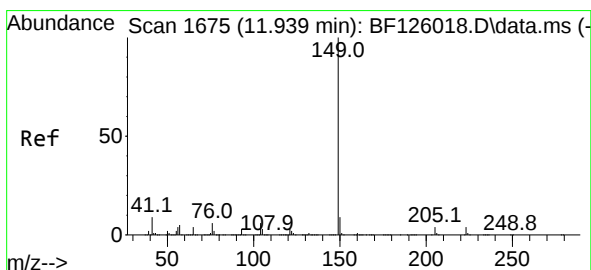
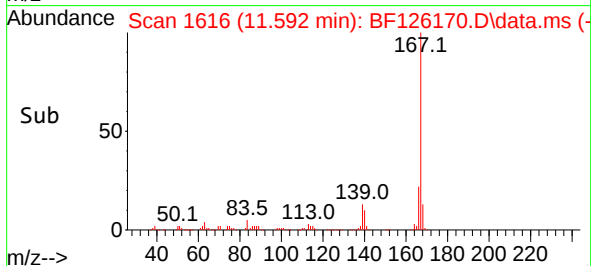
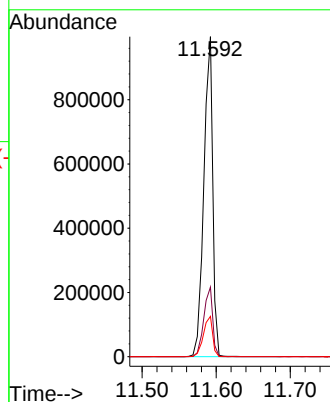
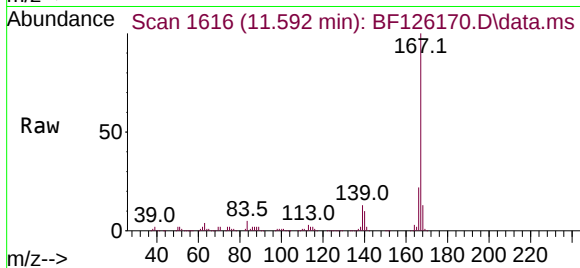
Tgt Ion:167 Resp: 829045

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 12.6 11.0 16.4



#74

Di-n-butylphthalate

Concen: 39.452 ng

RT: 11.922 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

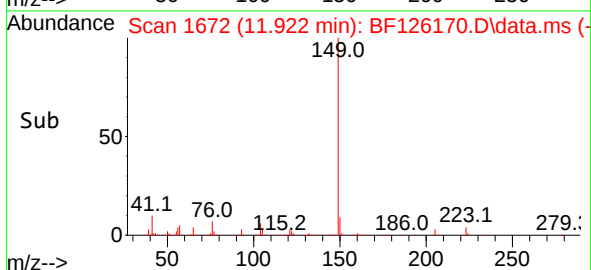
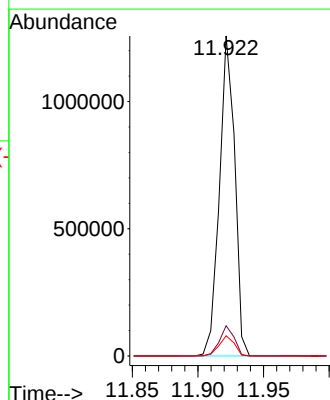
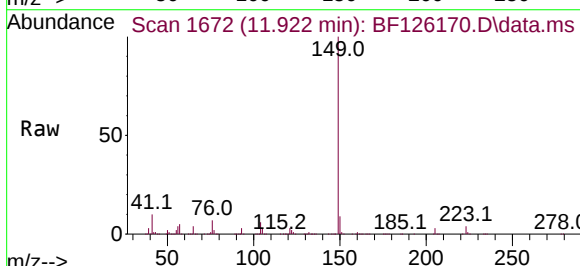
Tgt Ion:149 Resp: 1018201

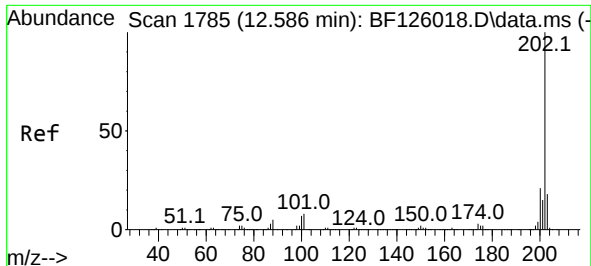
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 6.3 4.1 6.1#

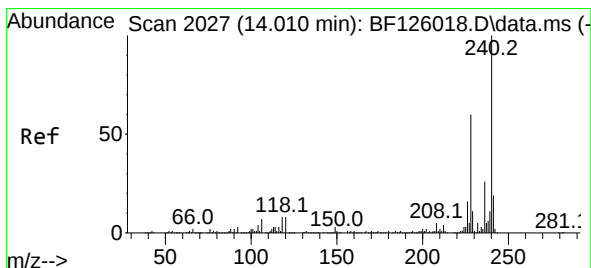
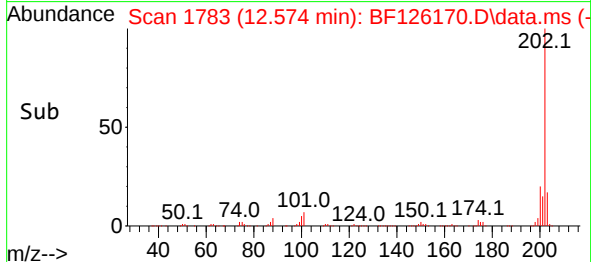
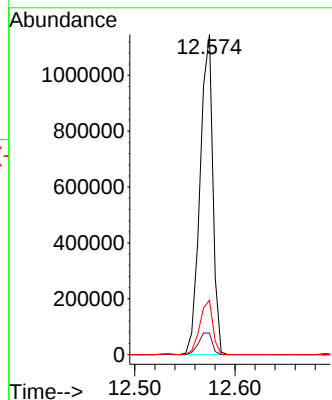
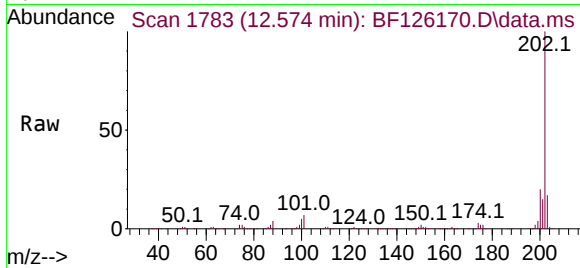




#75
Fluoranthene
Concen: 38.180 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

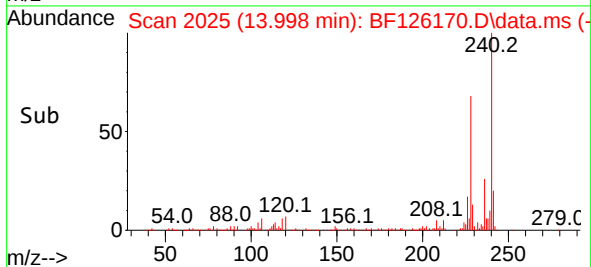
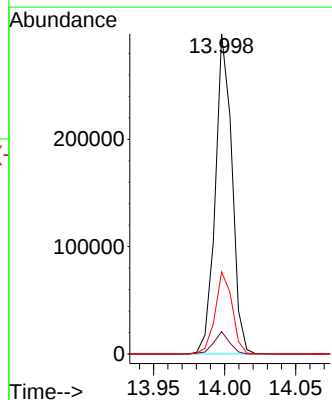
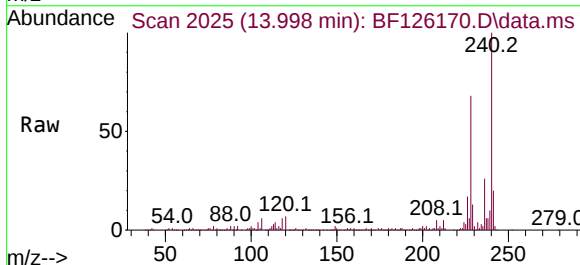
Instrument :
BNA_F
ClientSampleId :
PB140723BS

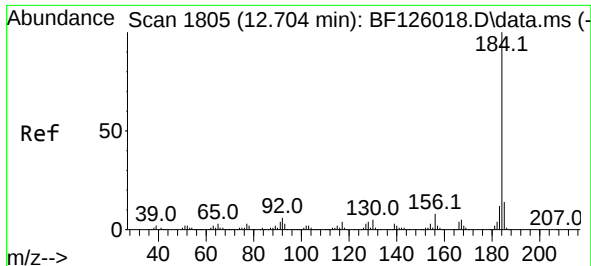
Tgt Ion:202 Resp: 1017002
Ion Ratio Lower Upper
202 100
101 6.7 0.0 30.7
203 17.0 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:240 Resp: 243341
Ion Ratio Lower Upper
240 100
120 7.0 10.8 16.2#
236 25.7 21.6 32.4

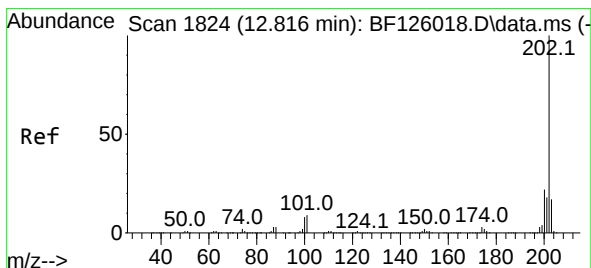
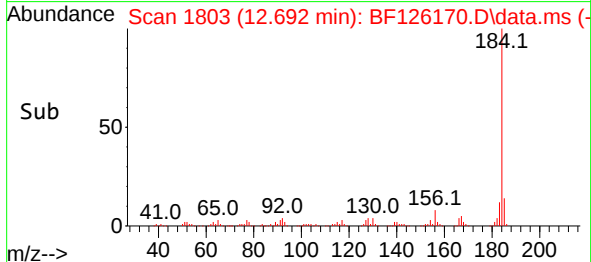
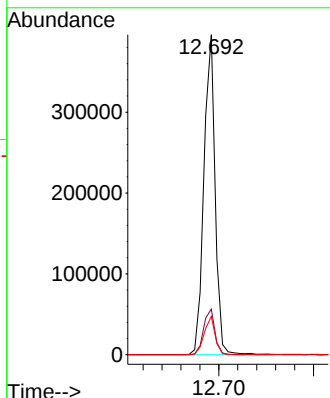
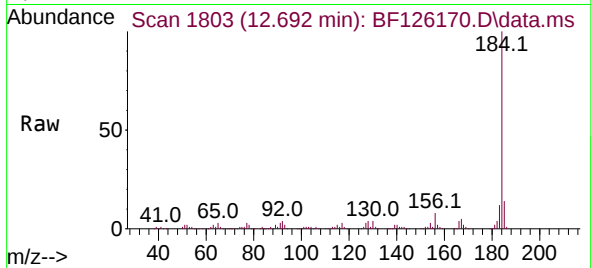




#77
Benzidine
Concen: 39.919 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

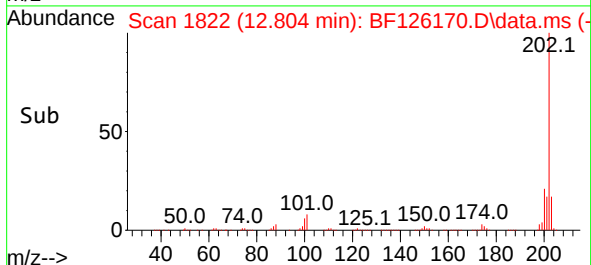
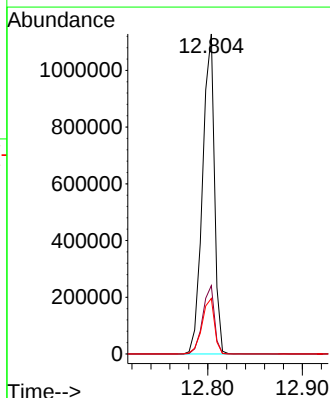
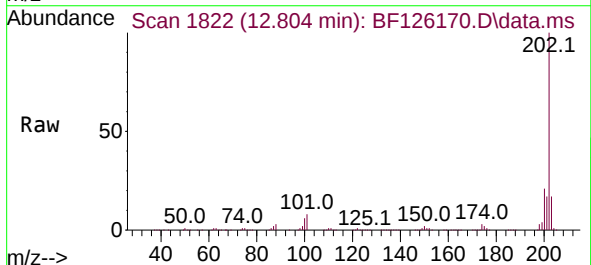
Instrument :
BNA_F
ClientSampleId :
PB140723BS

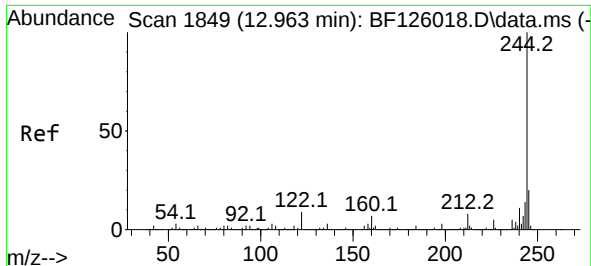
Tgt Ion:184 Resp: 324728
Ion Ratio Lower Upper
184 100
185 14.3 10.8 16.2
183 11.9 8.1 12.1



#78
Pyrene
Concen: 50.541 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:202 Resp: 986293
Ion Ratio Lower Upper
202 100
200 21.3 15.3 22.9
203 17.3 13.4 20.0

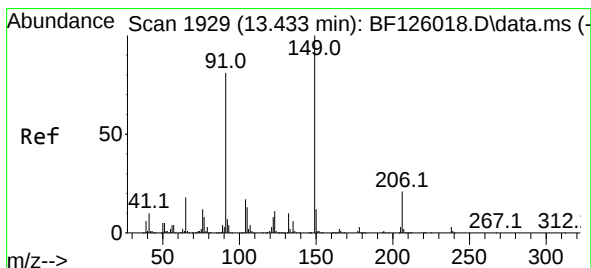
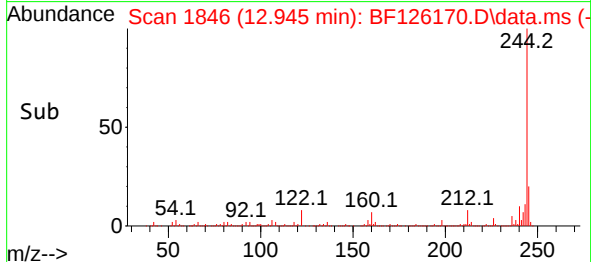
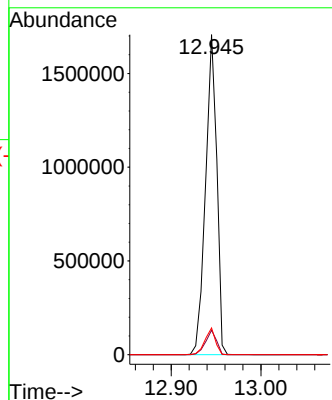
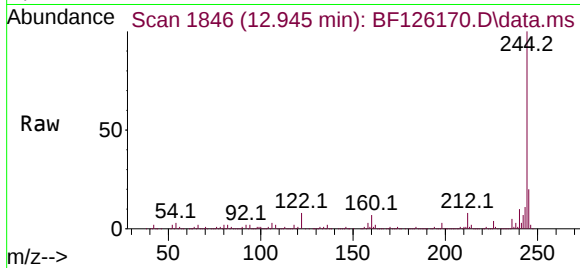




#79
 Terphenyl-d14
 Concen: 98.081 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: BF126170.D
 Acq: 13 Nov 2021 15:54

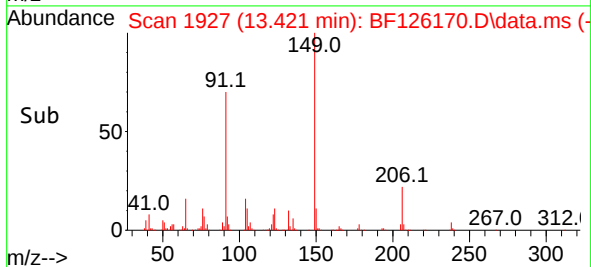
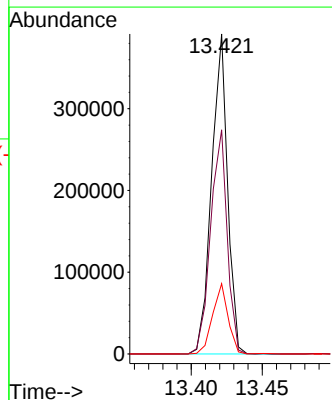
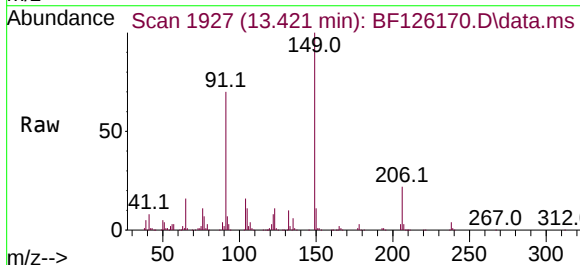
Instrument :
 BNA_F
 ClientSampleId :
 PB140723BS

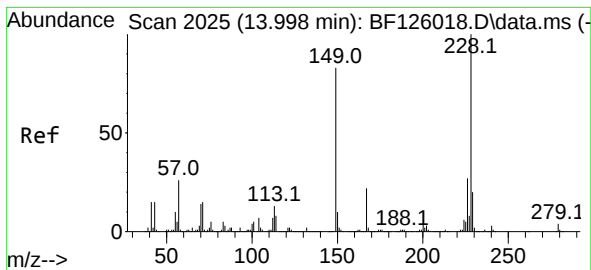
Tgt Ion:244 Resp: 1480089
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 8.4 9.0 13.4#



#80
 Butylbenzylphthalate
 Concen: 43.074 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: BF126170.D
 Acq: 13 Nov 2021 15:54

Tgt Ion:149 Resp: 306182
 Ion Ratio Lower Upper
 149 100
 91 70.1 51.8 77.8
 206 21.9 14.5 21.7#





#81

Benzo(a)anthracene

Concen: 40.972 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

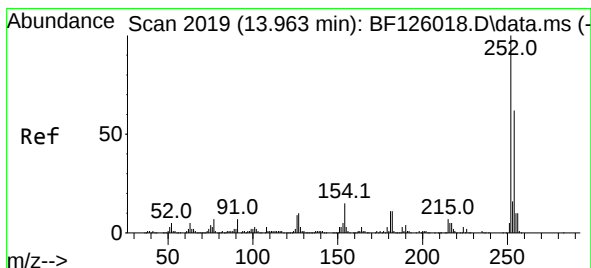
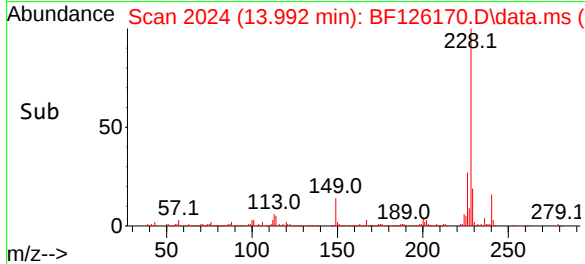
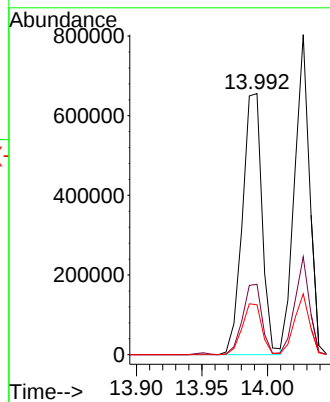
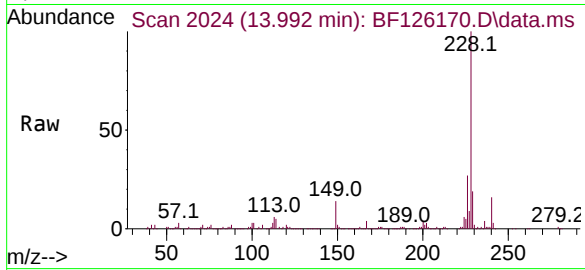
Tgt Ion:228 Resp: 684933

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

229 19.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 38.103 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

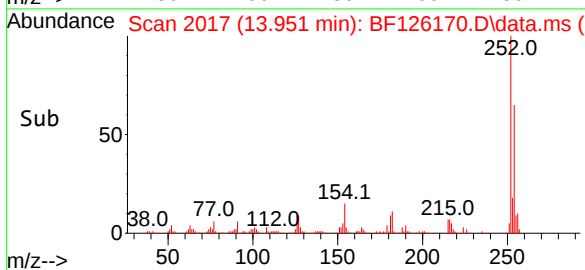
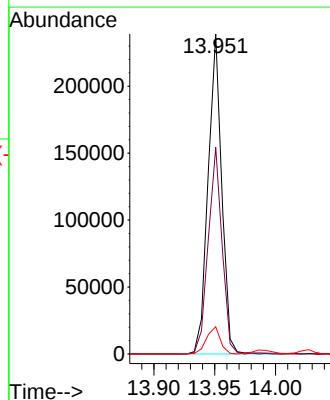
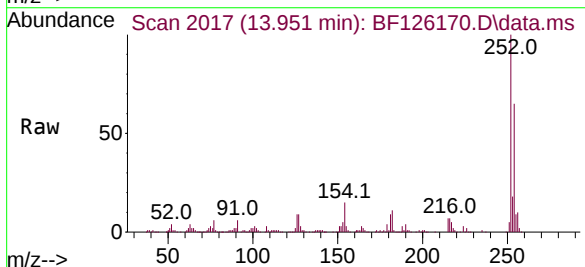
Tgt Ion:252 Resp: 185876

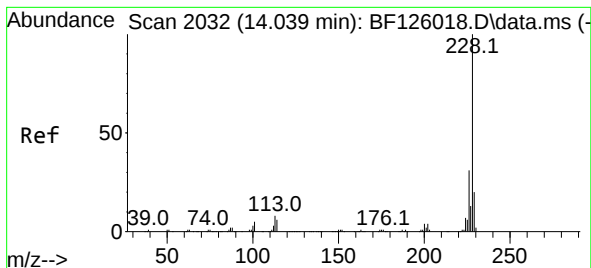
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.0

126 8.5 9.5 14.3#





#83

Chrysene

Concen: 40.873 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

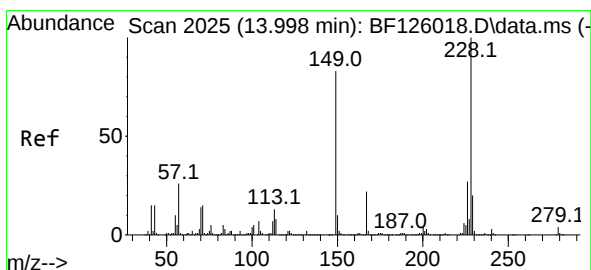
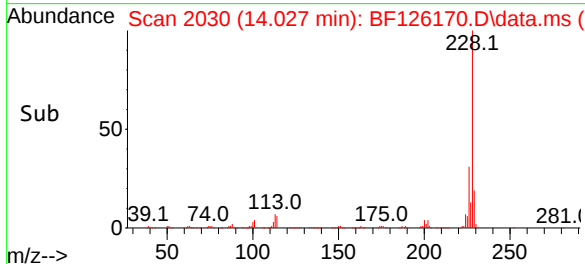
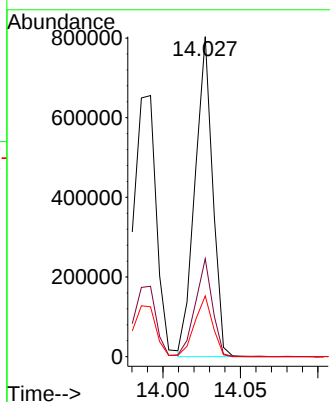
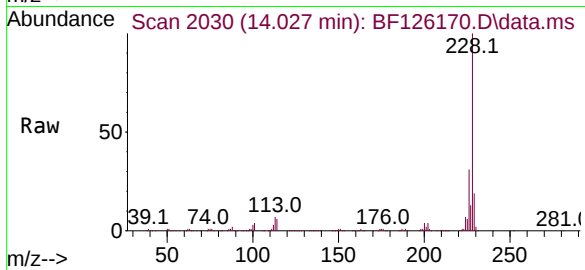
Tgt Ion:228 Resp: 635766

Ion Ratio Lower Upper

228 100

226 30.6 22.6 34.0

229 19.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.910 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

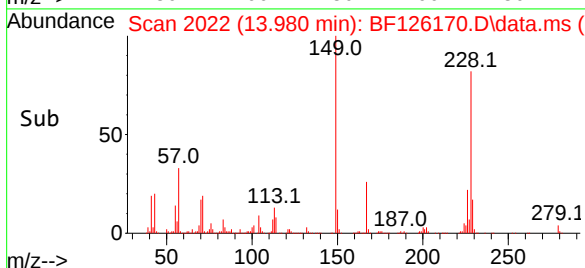
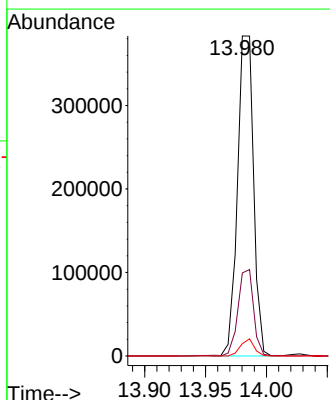
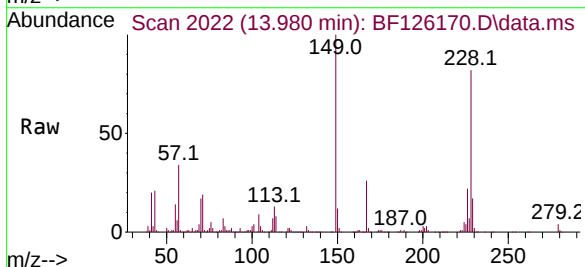
Tgt Ion:149 Resp: 353781

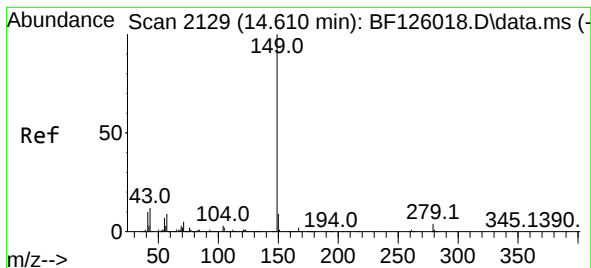
Ion Ratio Lower Upper

149 100

167 26.0 21.4 32.0

279 3.8 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 36.519 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

Instrument :

BNA_F

ClientSampleId :

PB140723BS

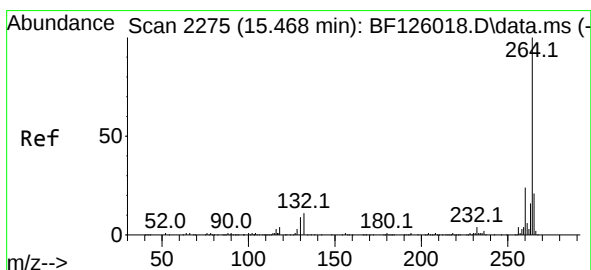
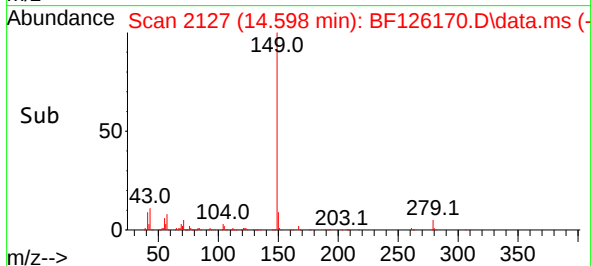
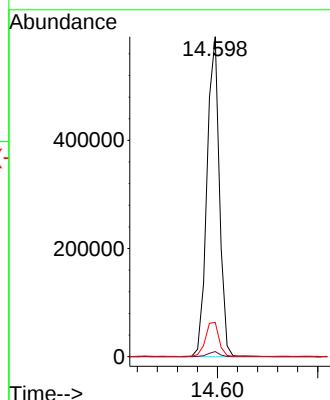
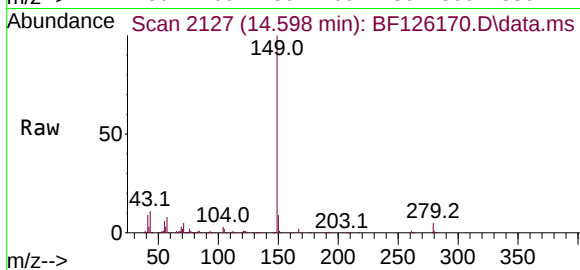
Tgt Ion:149 Resp: 511165

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 11.8 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF126170.D

Acq: 13 Nov 2021 15:54

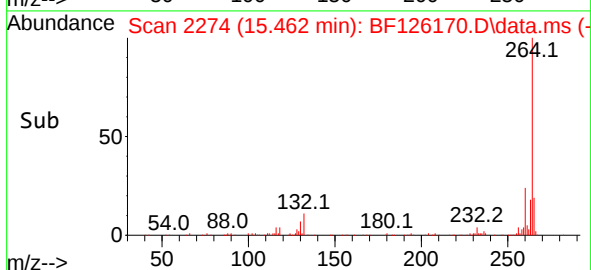
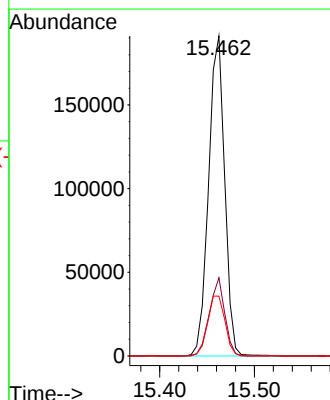
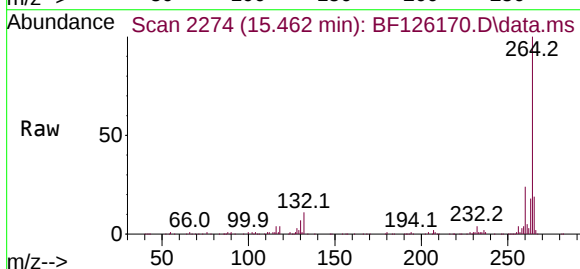
Tgt Ion:264 Resp: 225312

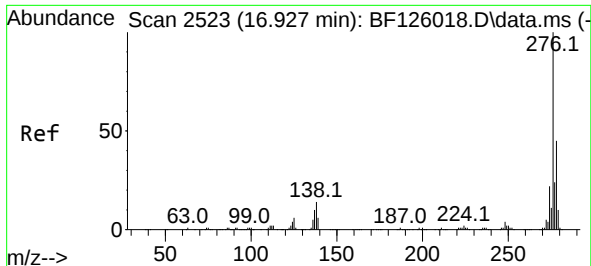
Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 18.7 17.2 25.8

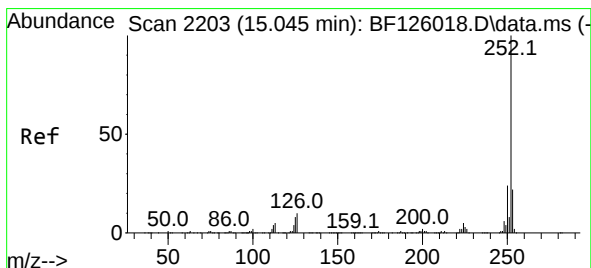
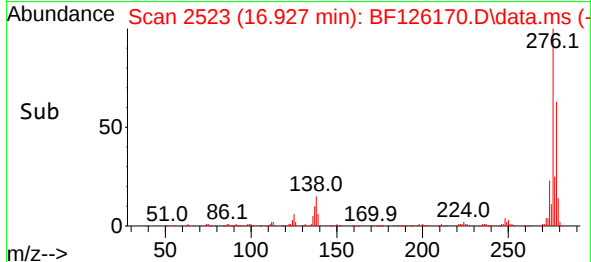
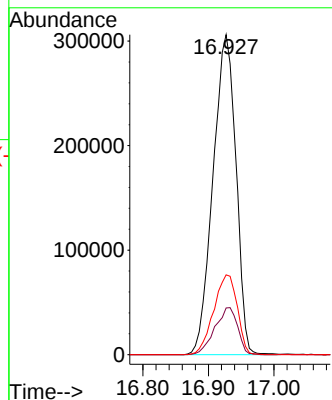
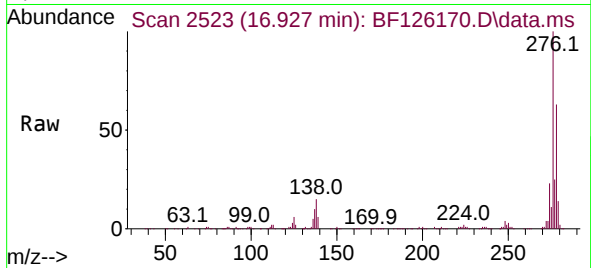




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 55.776 ng
 RT: 16.927 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126170.D
 Acq: 13 Nov 2021 15:54

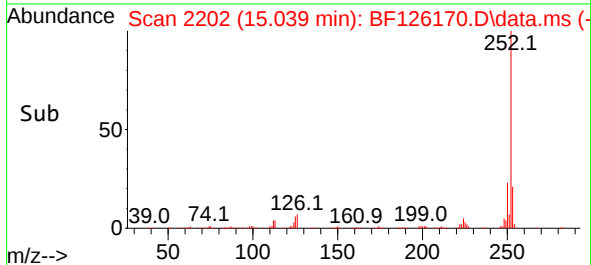
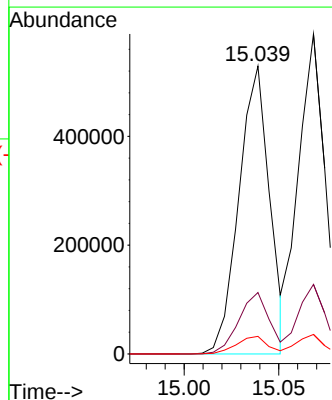
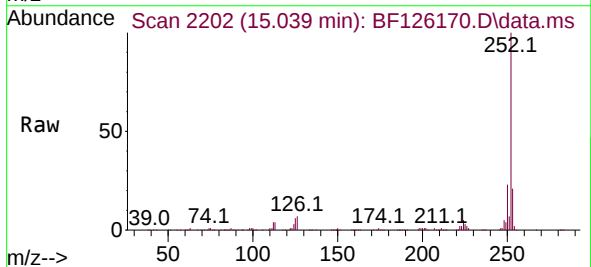
Instrument :
 BNA_F
 ClientSampleId :
 PB140723BS

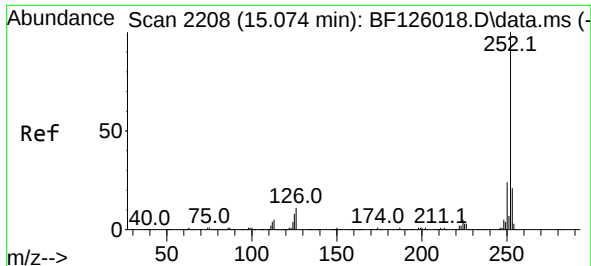
Tgt Ion:276 Resp: 743843
 Ion Ratio Lower Upper
 276 100
 138 14.6 24.1 36.1#
 277 25.6 18.8 28.2



#88
 Benzo(b)fluoranthene
 Concen: 40.652 ng
 RT: 15.039 min Scan# 2202
 Delta R.T. -0.000 min
 Lab File: BF126170.D
 Acq: 13 Nov 2021 15:54

Tgt Ion:252 Resp: 595777
 Ion Ratio Lower Upper
 252 100
 253 21.3 16.8 25.2
 125 6.1 9.8 14.8#

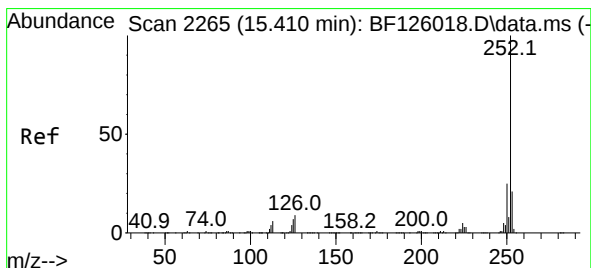
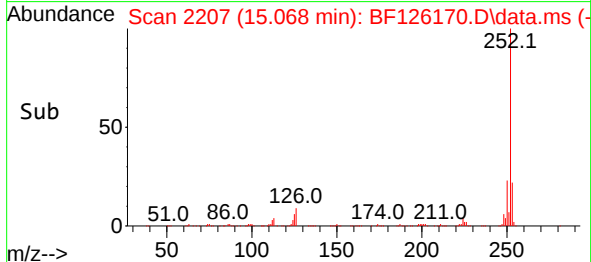
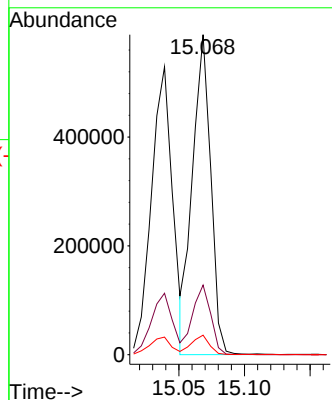
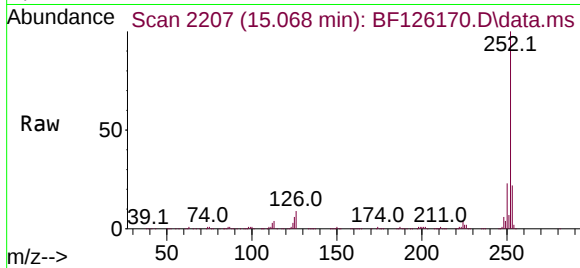




#89
Benzo(k)fluoranthene
Concen: 40.035 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

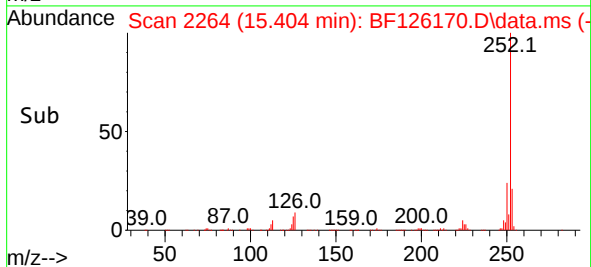
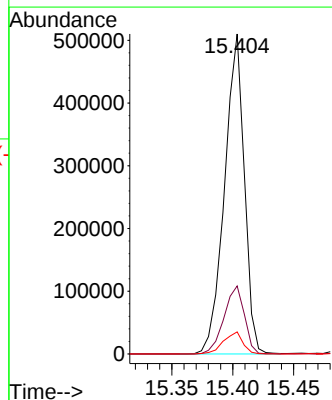
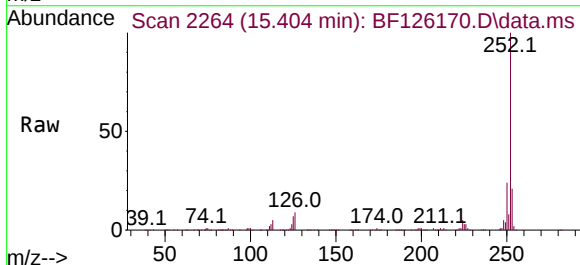
Instrument :
BNA_F
ClientSampleId :
PB140723BS

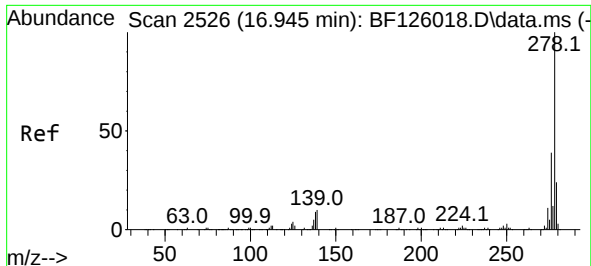
Tgt Ion:252 Resp: 569160
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 6.1 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 50.039 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BF126170.D
Acq: 13 Nov 2021 15:54

Tgt Ion:252 Resp: 577757
Ion Ratio Lower Upper
252 100
253 21.2 18.4 27.6
125 6.9 9.9 14.9#

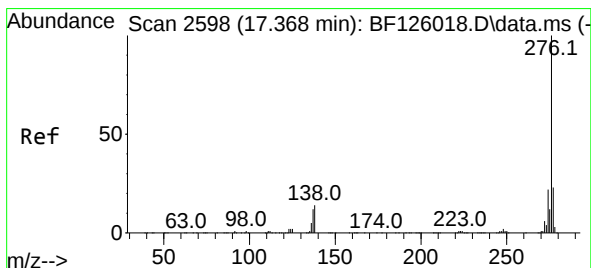
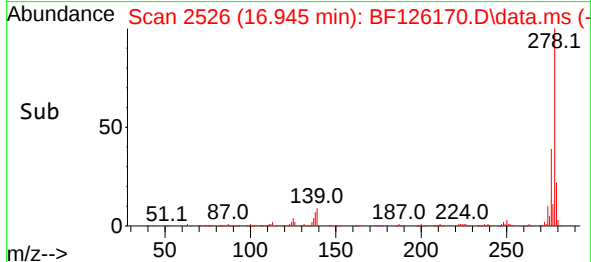
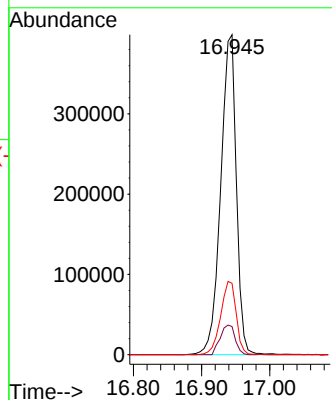
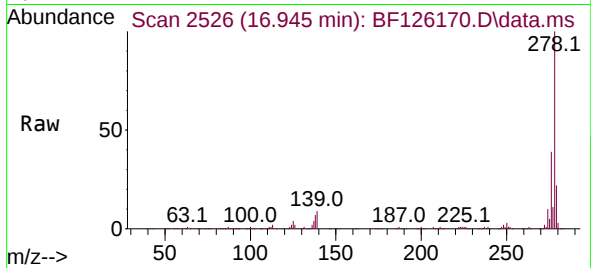




#91
 Dibenzo(a,h)anthracene
 Concen: 58.112 ng
 RT: 16.945 min Scan# 2526
 Delta R.T. 0.006 min
 Lab File: BF126170.D
 Acq: 13 Nov 2021 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB140723BS

Tgt Ion:278 Resp: 636523
 Ion Ratio Lower Upper
 278 100
 139 8.8 14.9 22.3#
 279 22.3 19.7 29.5



#92
 Benzo(g,h,i)perylene
 Concen: 59.243 ng
 RT: 17.368 min Scan# 2598
 Delta R.T. 0.006 min
 Lab File: BF126170.D
 Acq: 13 Nov 2021 15:54

Tgt Ion:276 Resp: 622345
 Ion Ratio Lower Upper
 276 100
 277 22.9 22.0 33.0
 138 12.3 22.2 33.4#

