

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126650.D
 Acq On : 24 Jan 2022 20:18
 Operator : CG/JU
 Sample : N1242-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124035

Quant Time: Jan 25 03:15:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

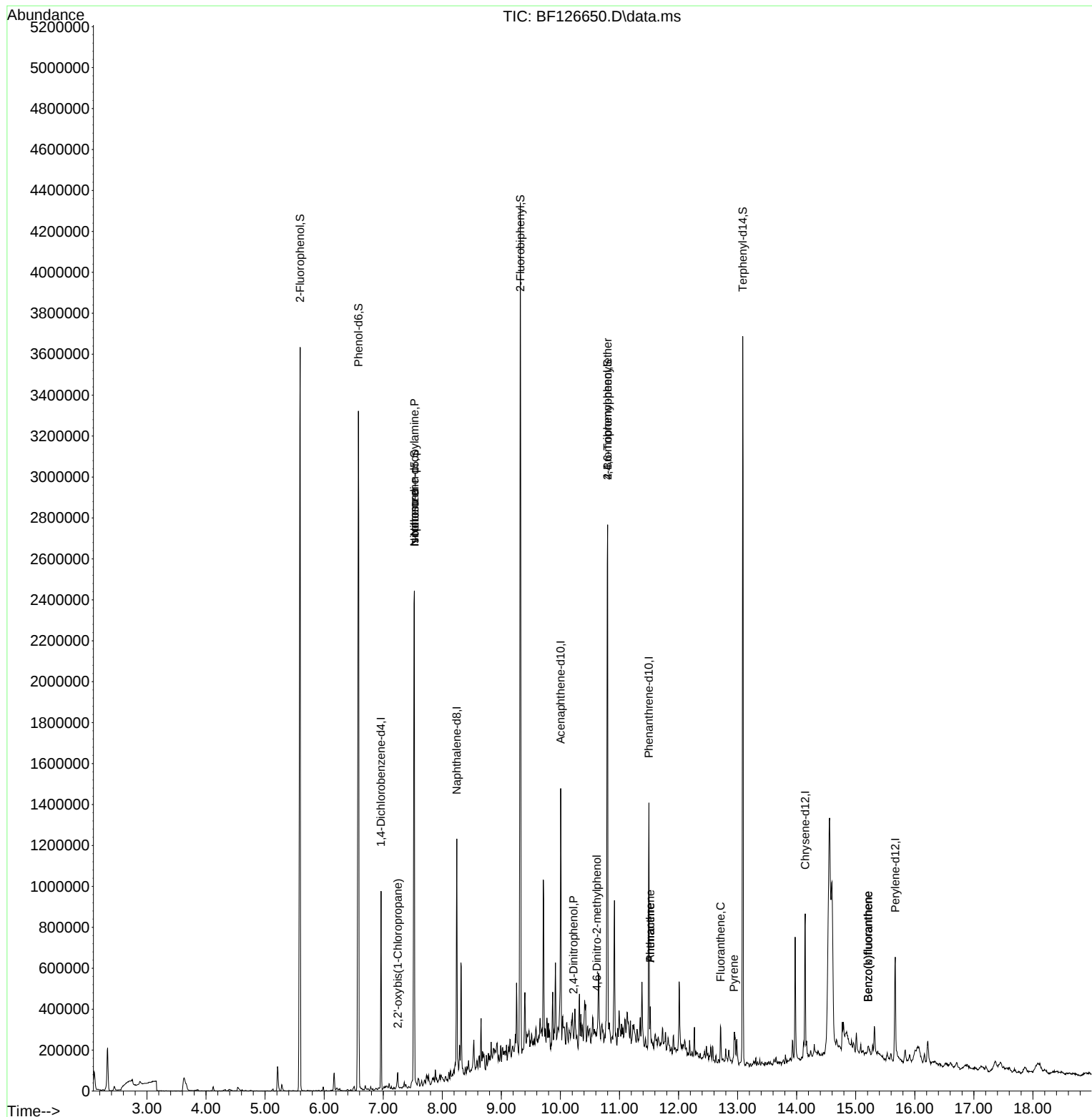
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	111203	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	426023	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	230522	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	372016	20.000	ng	0.00
76) Chrysene-d12	14.145	240	220967	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	217392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1031674	122.081	ng	0.01
7) Phenol-d6	6.581	99	1404766	119.643	ng	0.00
23) Nitrobenzene-d5	7.528	82	1026013	94.265	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	274536	127.257	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1227005	81.517	ng	0.00
79) Terphenyl-d14	13.086	244	1160976	88.125	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	460	Below Cal	#	79
16) 2,2'-oxybis(1-Chloropr...	7.245	45	47771	4.132	ng	71
19) n-Nitroso-di-n-propyla...	7.528	70	142689	16.651	ng	# 69
25) Isophorone	7.528	82	1022011	48.418	ng	# 69
54) 2,4-Dinitrophenol	10.222	184	133	4.008	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.616	198	115	7.426	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	18742	4.371	ng	# 1
71) Phenanthrene	11.522	178	60535	2.848	ng	97
72) Anthracene	11.522	178	60535	2.839	ng	98
75) Fluoranthene	12.710	202	60106	2.863	ng	99
78) Pyrene	12.939	202	48893	2.736	ng	98
88) Benzo(b)fluoranthene	15.210	252	33986	2.357	ng	96
89) Benzo(k)fluoranthene	15.210	252	33986	2.401	ng	95

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

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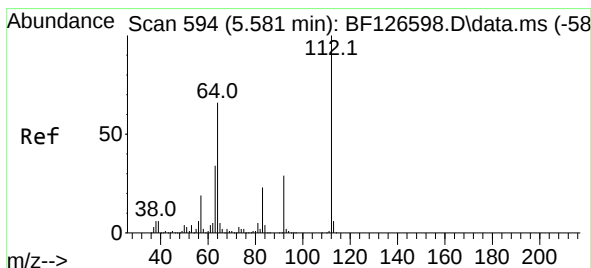
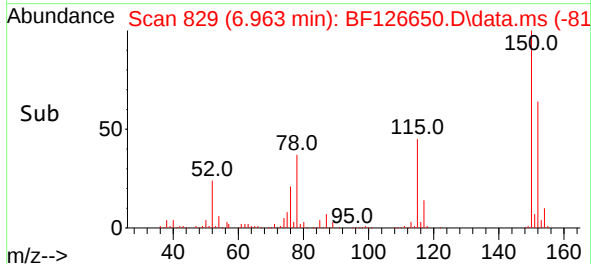
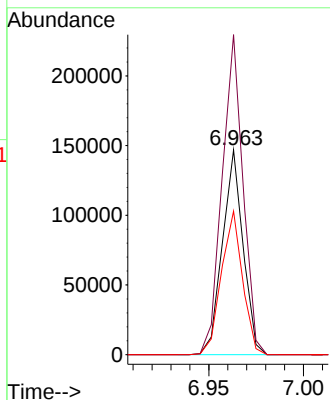
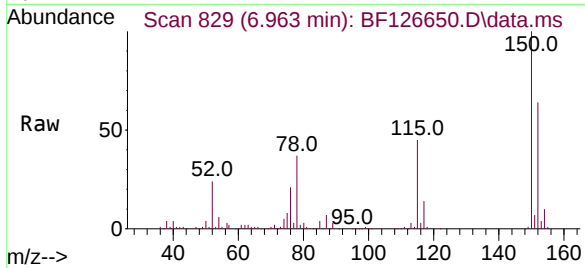




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

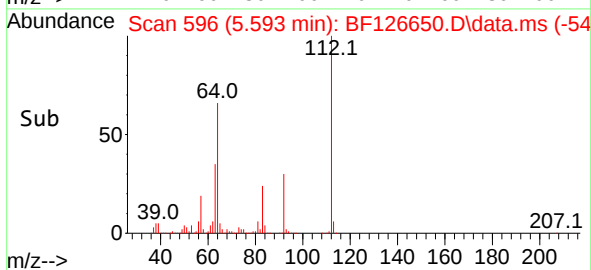
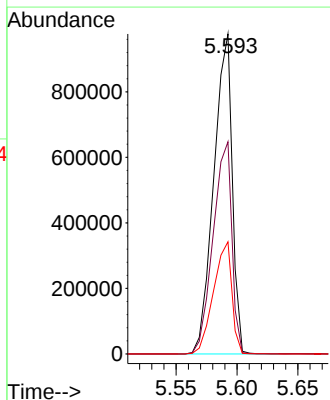
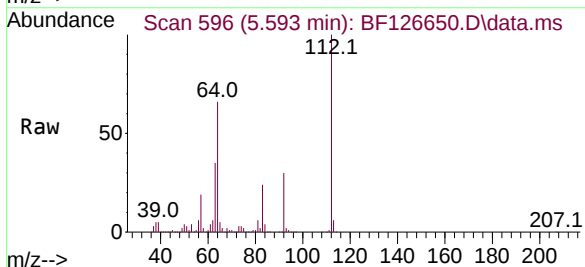
Instrument :
BNA_F
ClientSampleId :
PSC-124035

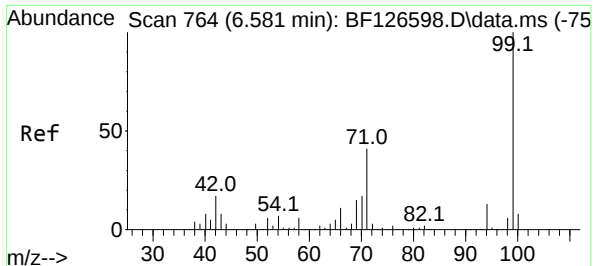
Tgt Ion:152 Resp: 111203
Ion Ratio Lower Upper
152 100
150 156.3 128.1 192.1
115 70.1 56.7 85.1



#5
2-Fluorophenol
Concen: 122.081 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

Tgt Ion:112 Resp: 1031674
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 35.0 23.9 35.9

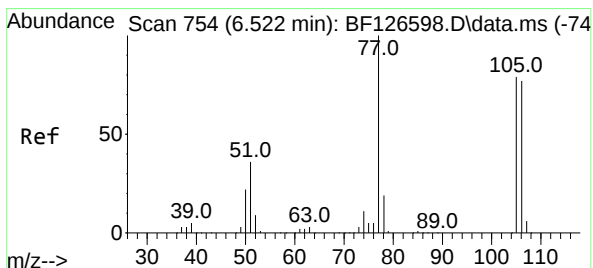
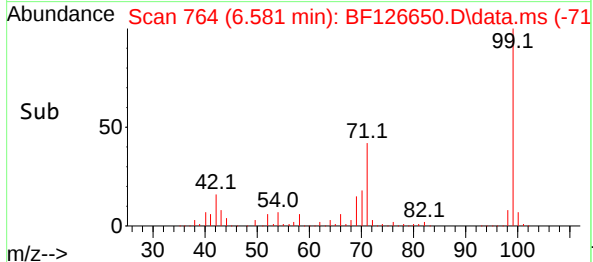
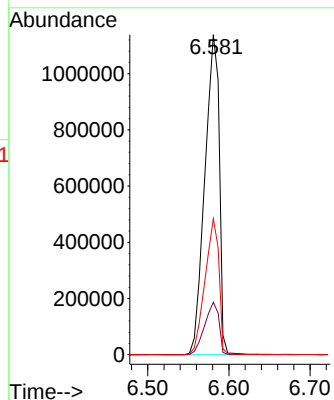
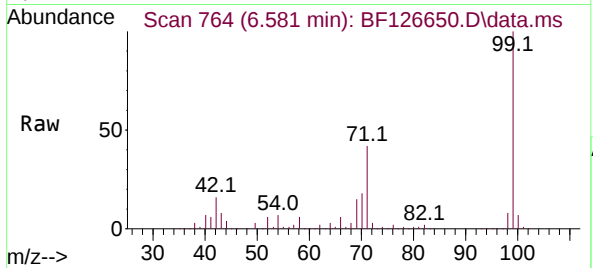




#7
Phenol-d6
Concen: 119.643 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

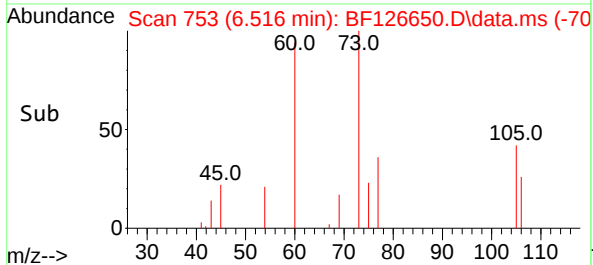
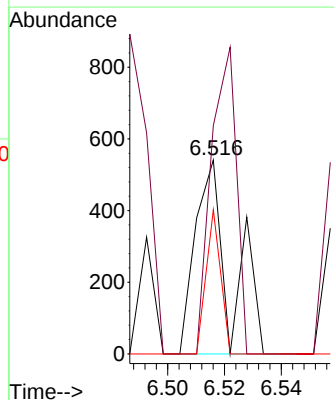
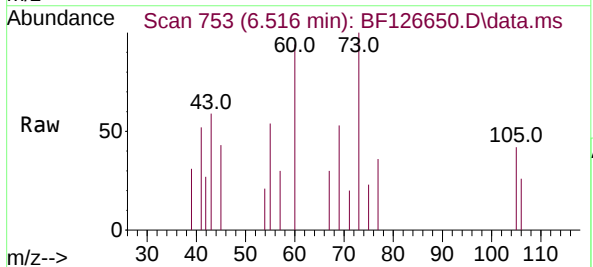
Instrument :
BNA_F
ClientSampleId :
PSC-124035

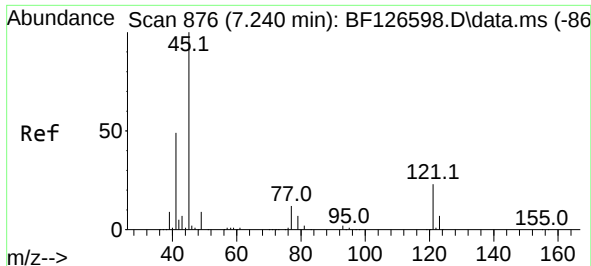
Tgt Ion: 99 Resp: 1404766
Ion Ratio Lower Upper
99 100
42 16.4 14.2 21.4
71 42.4 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

Tgt Ion: 77 Resp: 460
Ion Ratio Lower Upper
77 100
105 117.7 74.9 114.9#
106 74.3 72.4 112.4

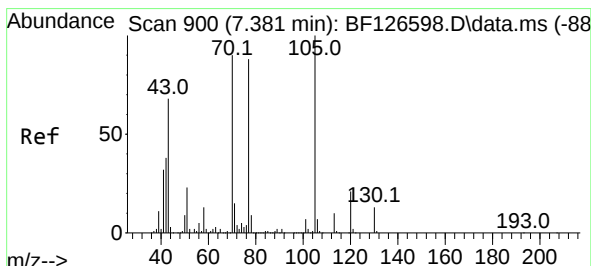
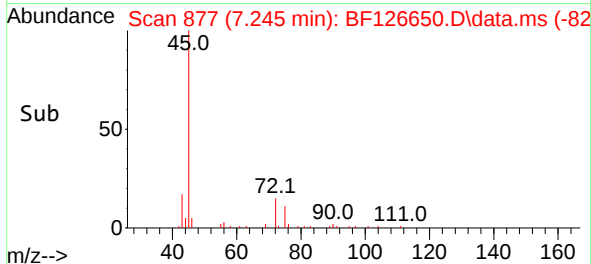
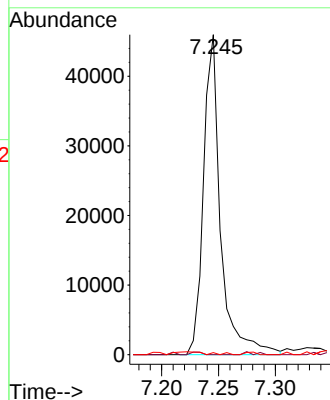
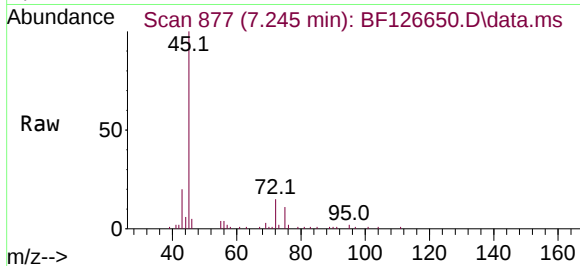




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.132 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

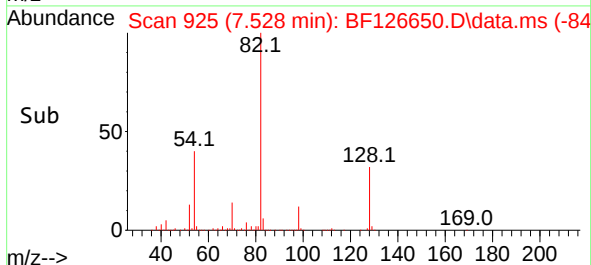
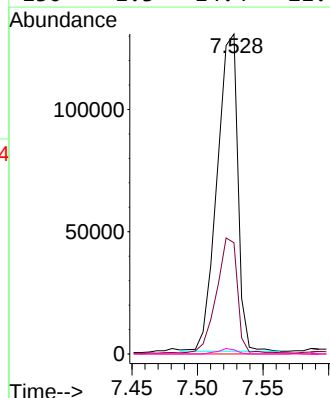
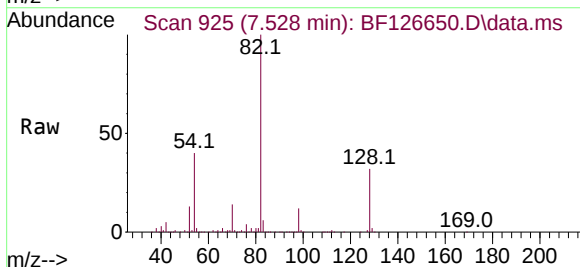
Instrument :
BNA_F
ClientSampleId :
PSC-124035

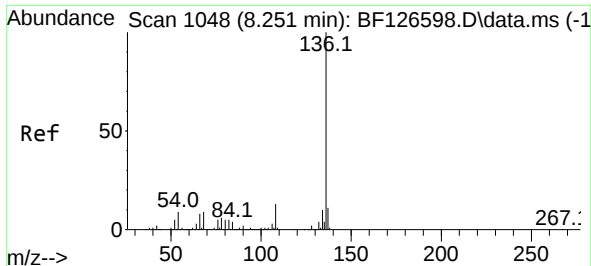
Tgt Ion: 45 Resp: 47771
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.4
79 0.7 0.0 29.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.651 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.147 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

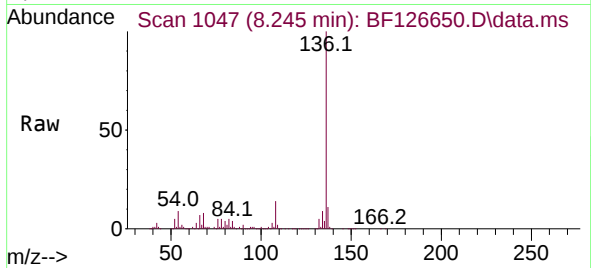
Tgt Ion: 70 Resp: 142689
Ion Ratio Lower Upper
70 100
42 34.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.3 14.4 21.6#



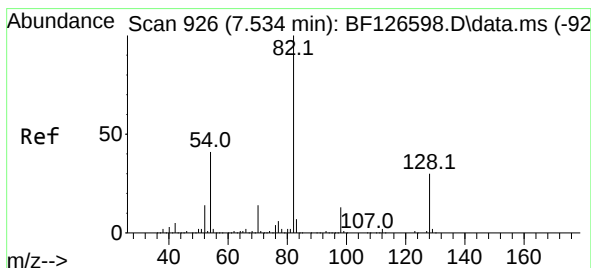
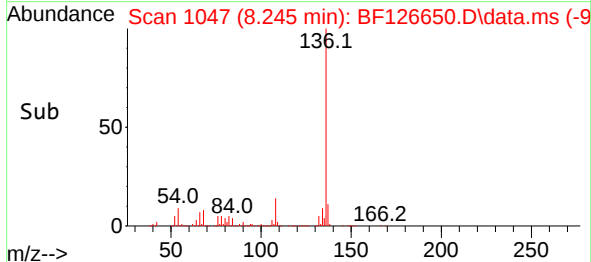
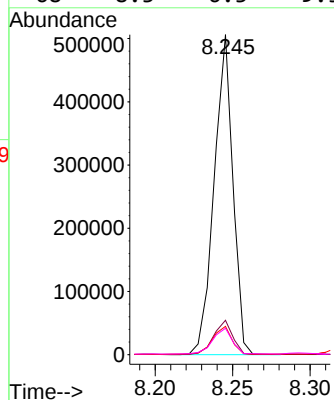


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

Instrument :
BNA_F
ClientSampleId :
PSC-124035

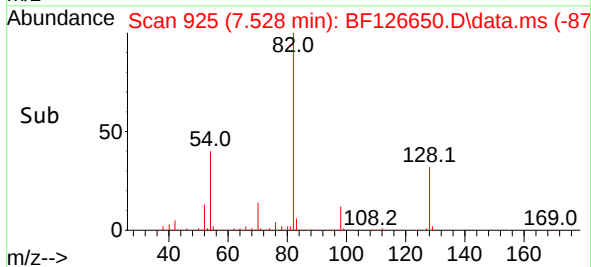
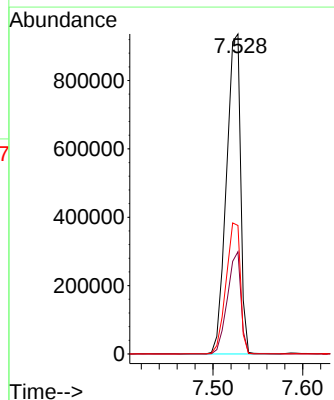
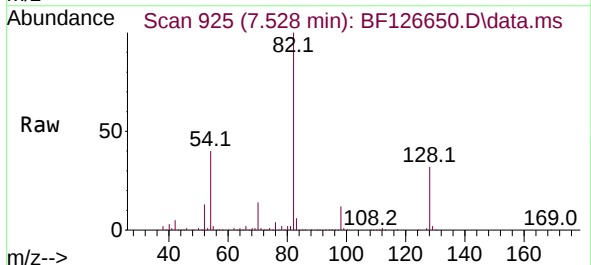


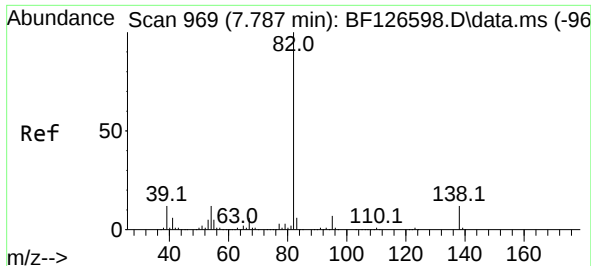
Tgt Ion:136 Resp: 426023
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.8 11.6
68 8.3 6.3 9.5



#23
Nitrobenzene-d5
Concen: 94.265 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

Tgt Ion: 82 Resp: 1026013
Ion Ratio Lower Upper
82 100
128 32.0 32.7 49.1#
54 40.2 41.7 62.5#

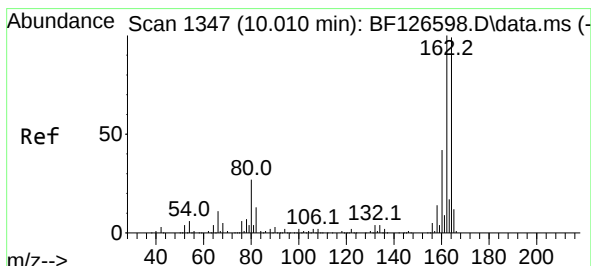
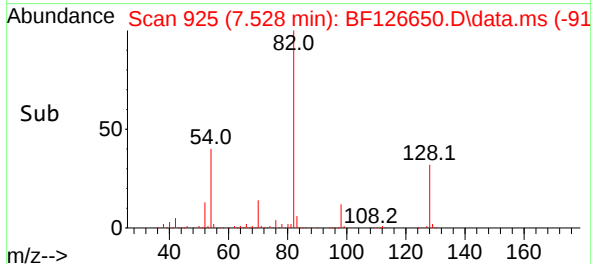
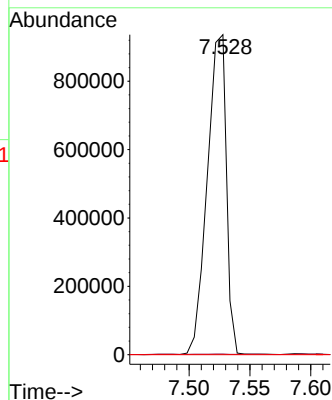
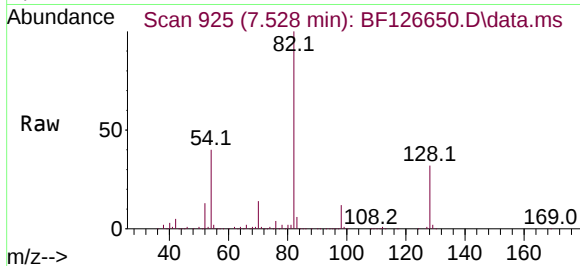




#25
Isophorone
Concen: 48.418 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

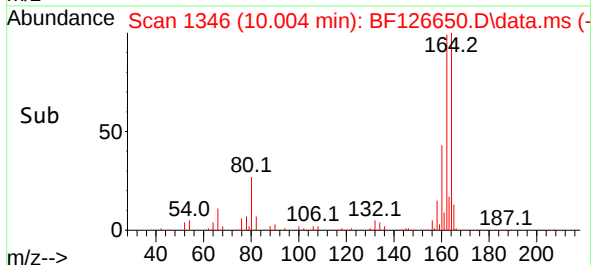
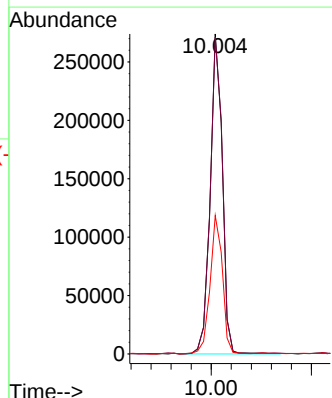
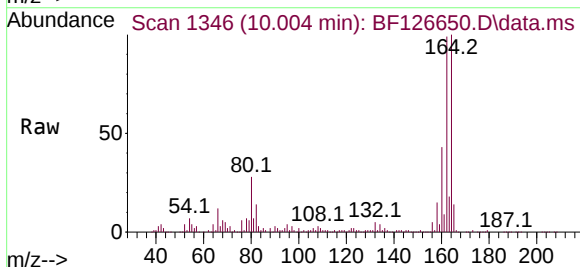
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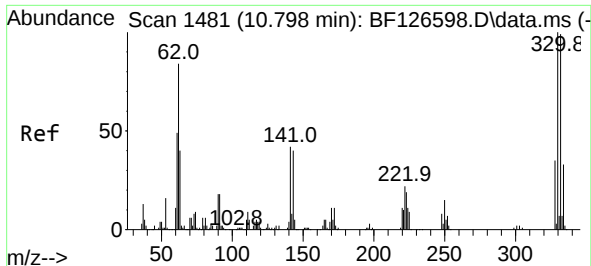
Tgt Ion: 82 Resp: 1022011
Ion Ratio Lower Upper
82 100
95 0.2 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

Tgt Ion: 164 Resp: 230522
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 43.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 127.257 ng

RT: 10.798 min Scan# 1481

Delta R.T. -0.000 min

Lab File: BF126650.D

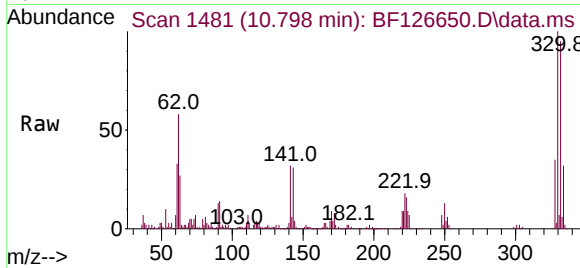
Acq: 24 Jan 2022 20:18

Instrument :

BNA_F

ClientSampleId :

PSC-124035



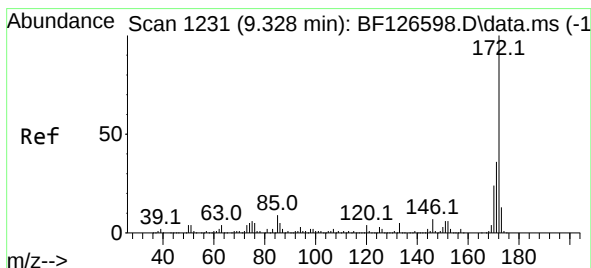
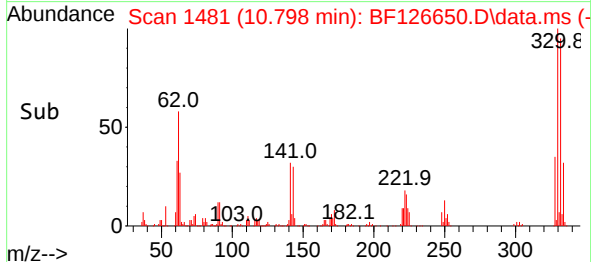
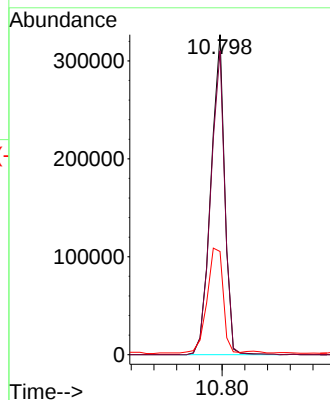
Tgt Ion:330 Resp: 274536

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

141 38.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 81.517 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF126650.D

Acq: 24 Jan 2022 20:18

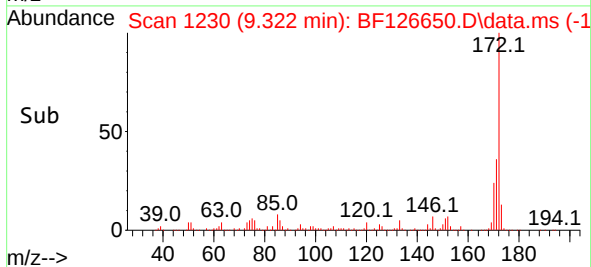
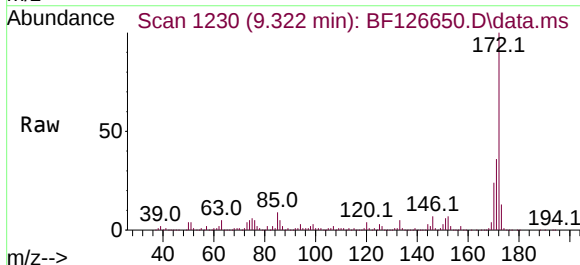
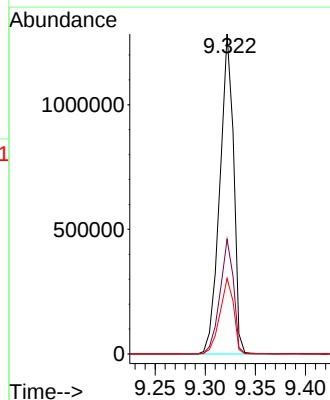
Tgt Ion:172 Resp: 1227005

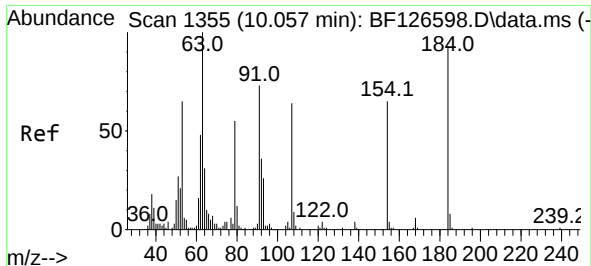
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.6 19.0 28.6

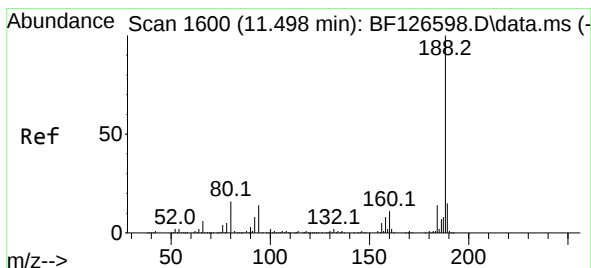
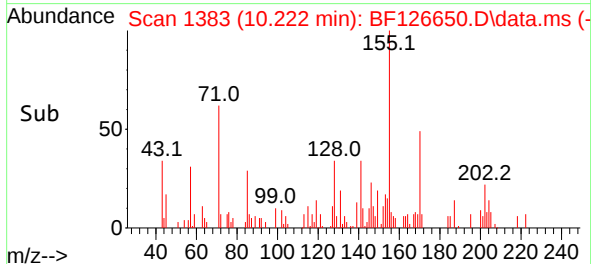
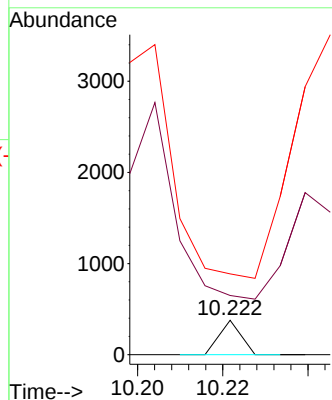
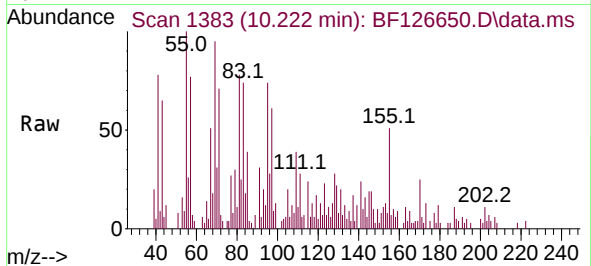




#54
2,4-Dinitrophenol
Concen: 4.008 ng
RT: 10.222 min Scan# 11
Delta R.T. 0.165 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

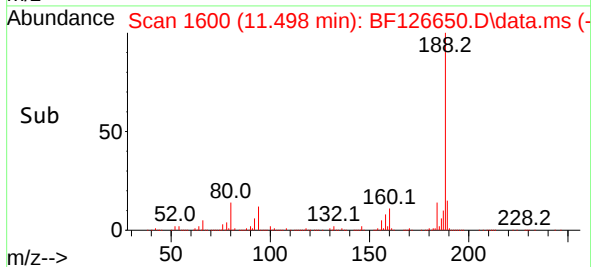
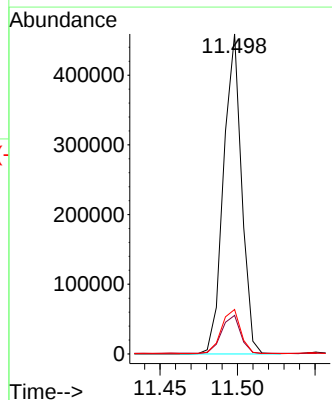
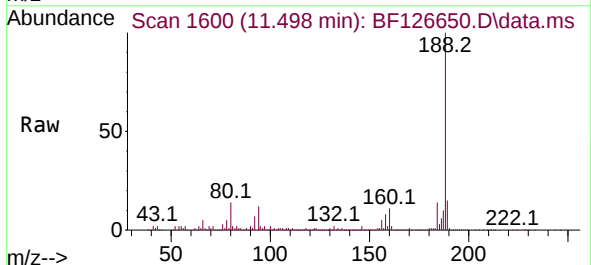
Instrument :
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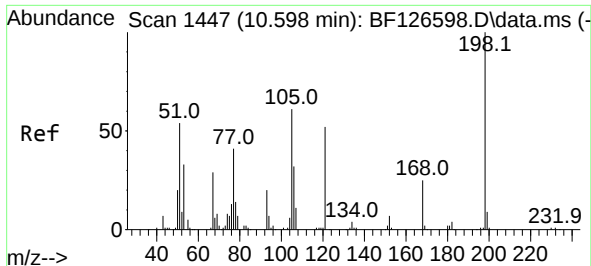
Tgt Ion:184 Resp: 133
Ion Ratio Lower Upper
184 100
63 172.4 70.4 105.6#
154 235.3 49.7 74.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

Tgt Ion:188 Resp: 372016
Ion Ratio Lower Upper
188 100
94 12.0 10.1 15.1
80 13.9 11.8 17.6

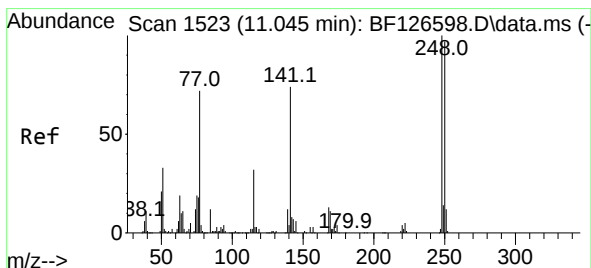
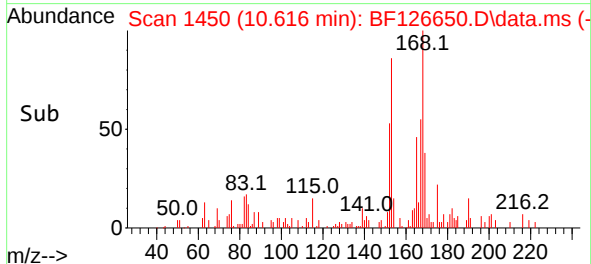
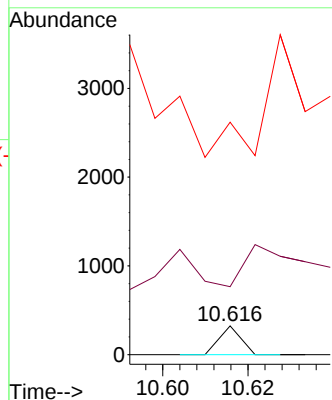
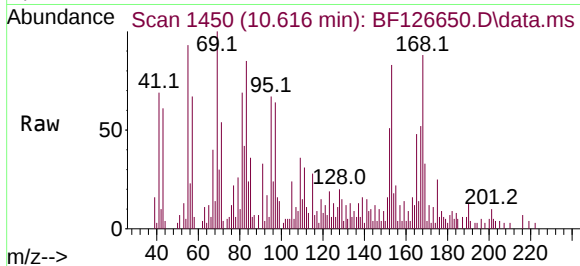




#65
4,6-Dinitro-2-methylphenol
Concen: 7.426 ng
RT: 10.616 min Scan# 1447
Delta R.T. 0.018 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

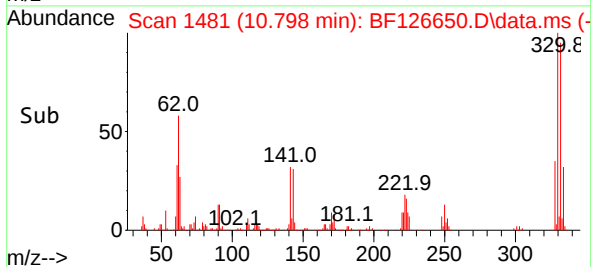
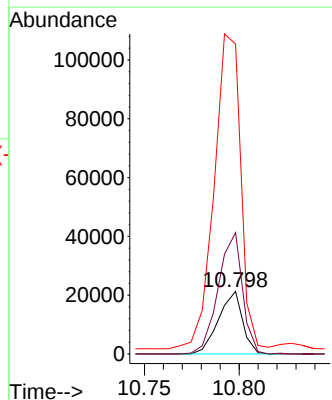
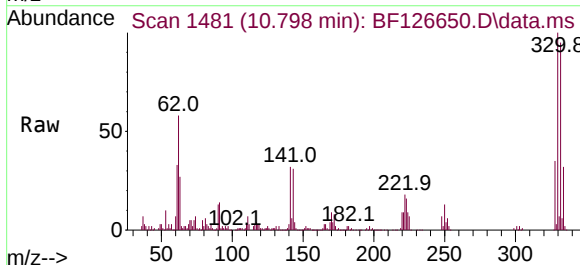
Instrument :
BNA_F
ClientSampleId :
PSC-124035

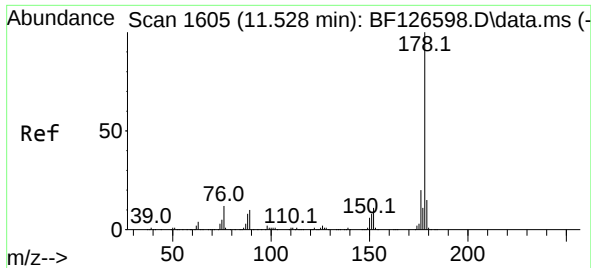
Tgt Ion:198 Resp: 115
Ion Ratio Lower Upper
198 100
51 236.0 32.0 72.0#
105 806.2 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.371 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

Tgt Ion:248 Resp: 18742
Ion Ratio Lower Upper
248 100
250 193.9 76.2 114.4#
141 495.8 66.2 99.4#

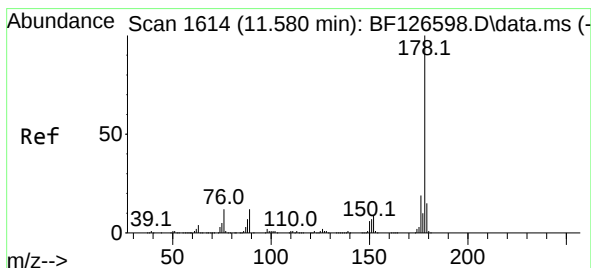
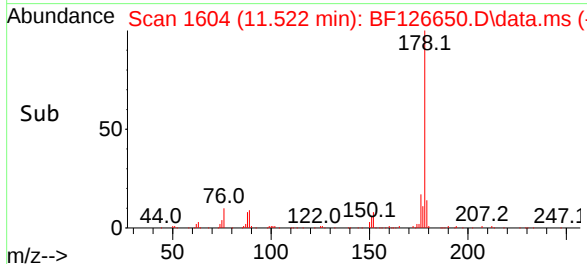
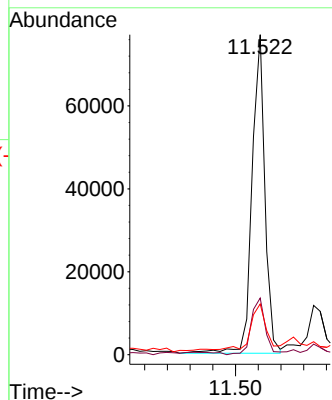
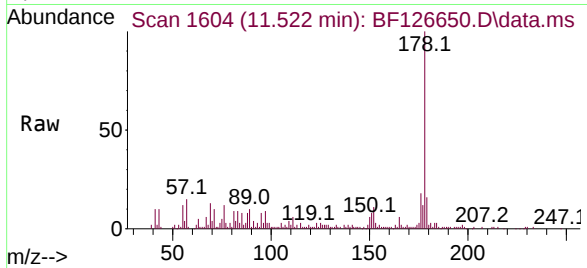




#71
Phenanthrene
Concen: 2.848 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

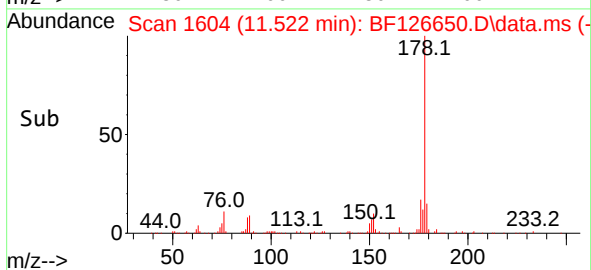
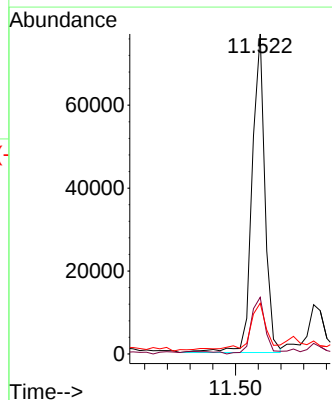
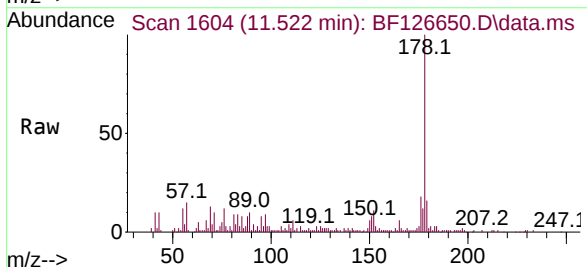
Instrument :
BNA_F
ClientSampleId :
PSC-124035

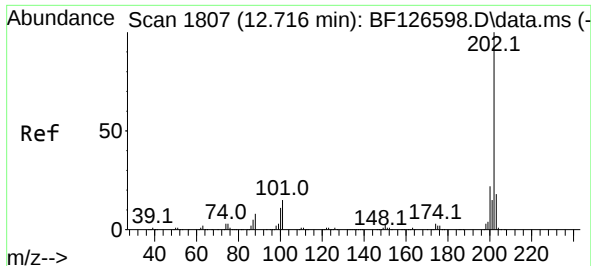
Tgt Ion:178 Resp: 60535
Ion Ratio Lower Upper
178 100
176 17.7 15.7 23.5
179 15.9 12.3 18.5



#72
Anthracene
Concen: 2.839 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.059 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

Tgt Ion:178 Resp: 60535
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.6
179 15.9 12.5 18.7

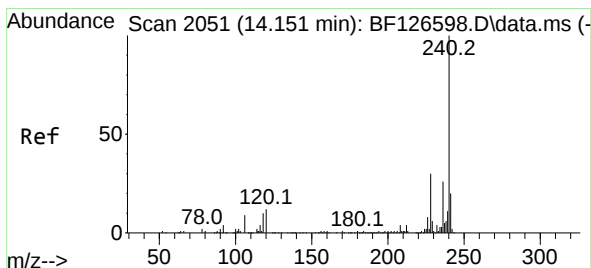
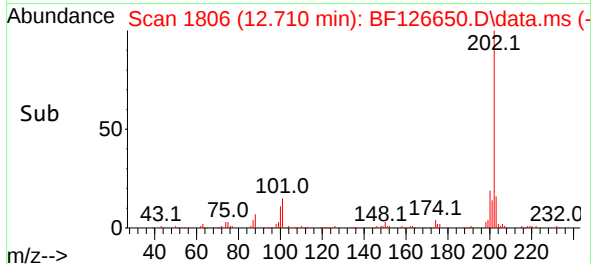
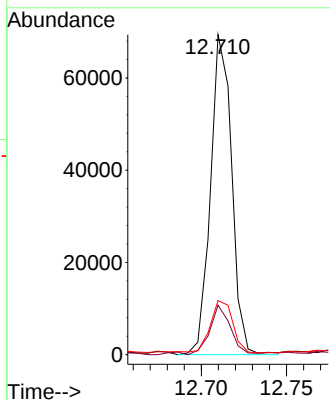
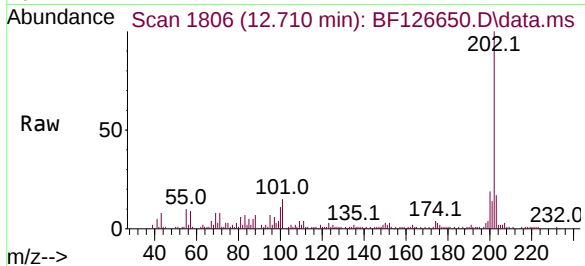




#75
Fluoranthene
Concen: 2.863 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

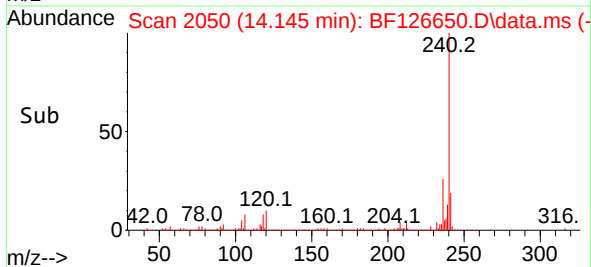
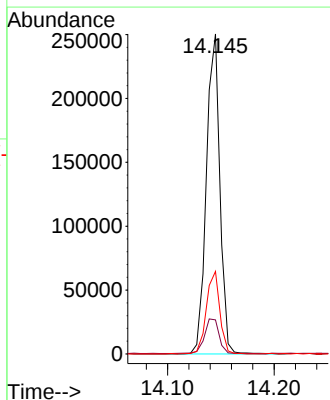
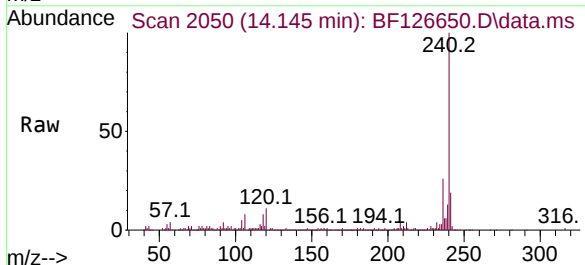
Instrument :
BNA_F
ClientSampleId :
PSC-124035

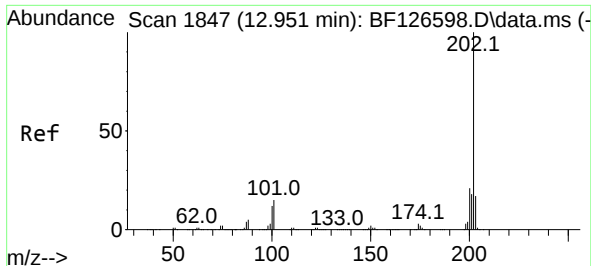
Tgt Ion:202 Resp: 60106
Ion Ratio Lower Upper
202 100
101 15.5 0.0 35.7
203 16.9 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

Tgt Ion:240 Resp: 220967
Ion Ratio Lower Upper
240 100
120 10.7 14.4 21.6#
236 25.8 20.5 30.7

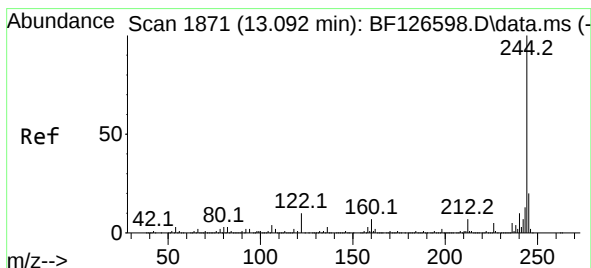
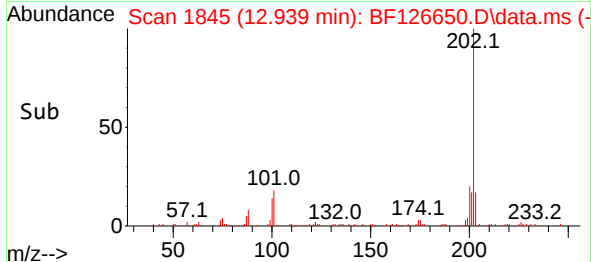
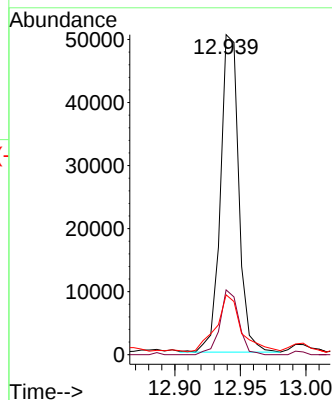
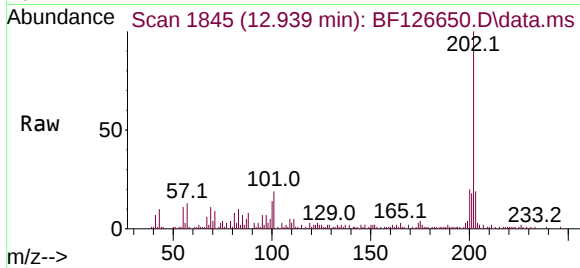




#78
Pyrene
Concen: 2.736 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

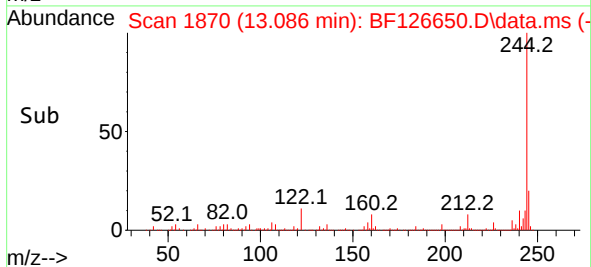
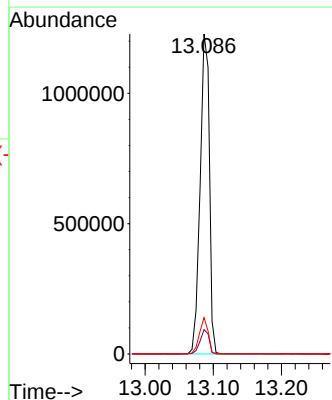
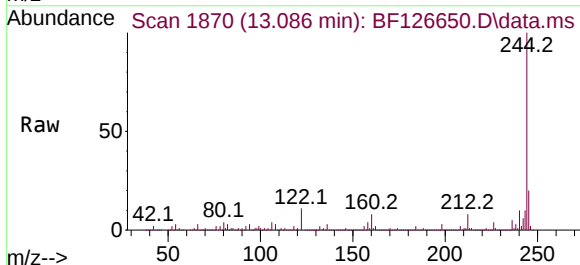
Instrument :
BNA_F
ClientSampleId :
PSC-124035

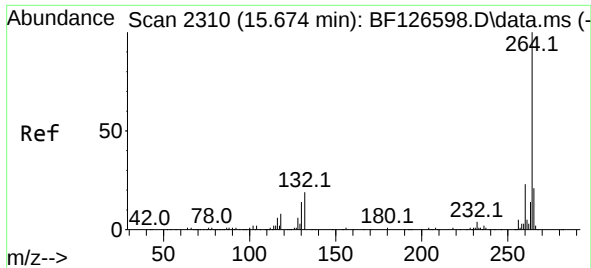
Tgt Ion:202 Resp: 48893
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 18.7 13.8 20.8



#79
Terphenyl-d14
Concen: 88.125 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

Tgt Ion:244 Resp: 1160976
Ion Ratio Lower Upper
244 100
212 7.6 5.0 7.4#
122 11.3 13.3 19.9#

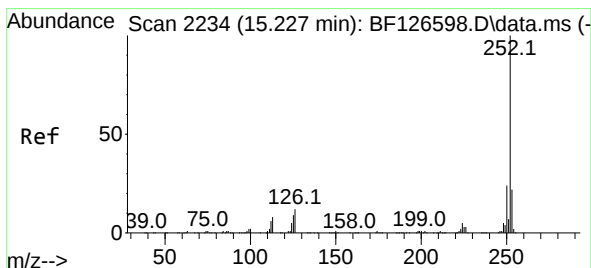
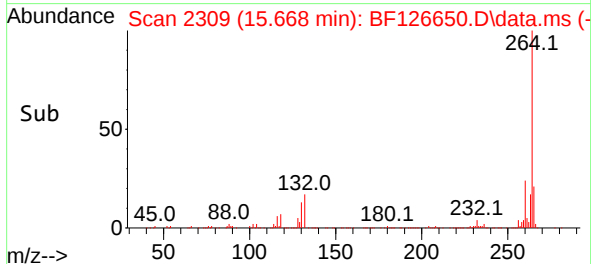
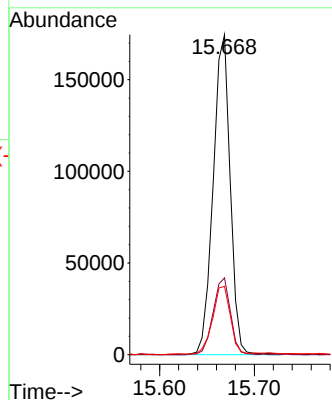
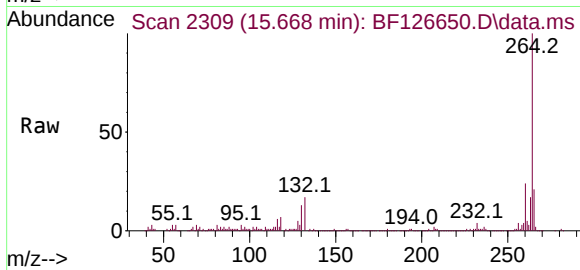




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

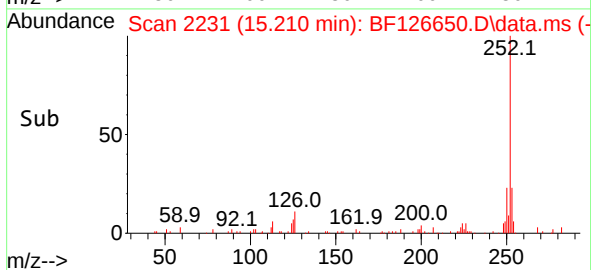
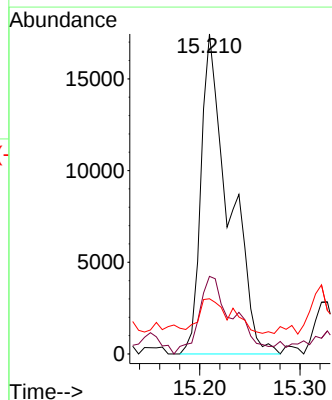
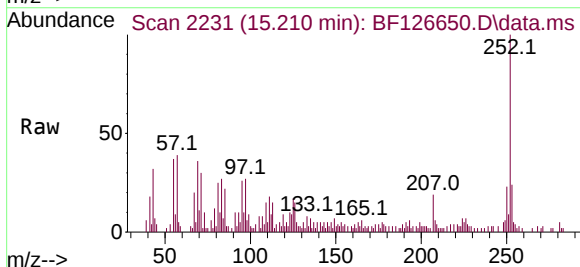
Instrument :
BNA_F
ClientSampleId :
PSC-124035

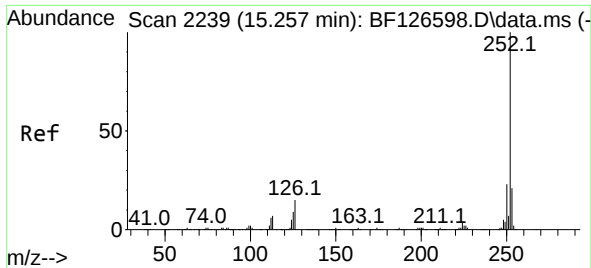
Tgt Ion:264 Resp: 217392
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.4 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 2.357 ng
RT: 15.210 min Scan# 2231
Delta R.T. -0.018 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

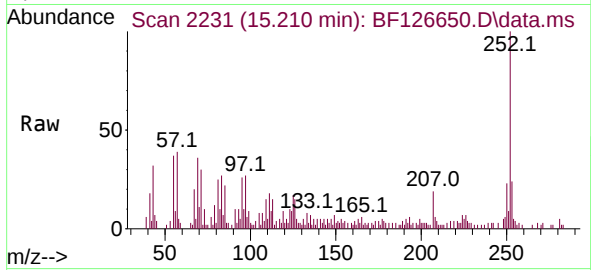
Tgt Ion:252 Resp: 33986
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 17.2 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 2.401 ng
RT: 15.210 min Scan# 21
Delta R.T. -0.047 min
Lab File: BF126650.D
Acq: 24 Jan 2022 20:18

Instrument :
BNA_F
ClientSampleId :
PSC-124035



Tgt Ion:	252	Resp:	33986
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.5	26.3
125	17.2	11.8	17.6

