

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126651.D
 Acq On : 24 Jan 2022 20:44
 Operator : CG/JU
 Sample : N1242-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124055

Quant Time: Jan 25 03:15:14 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)

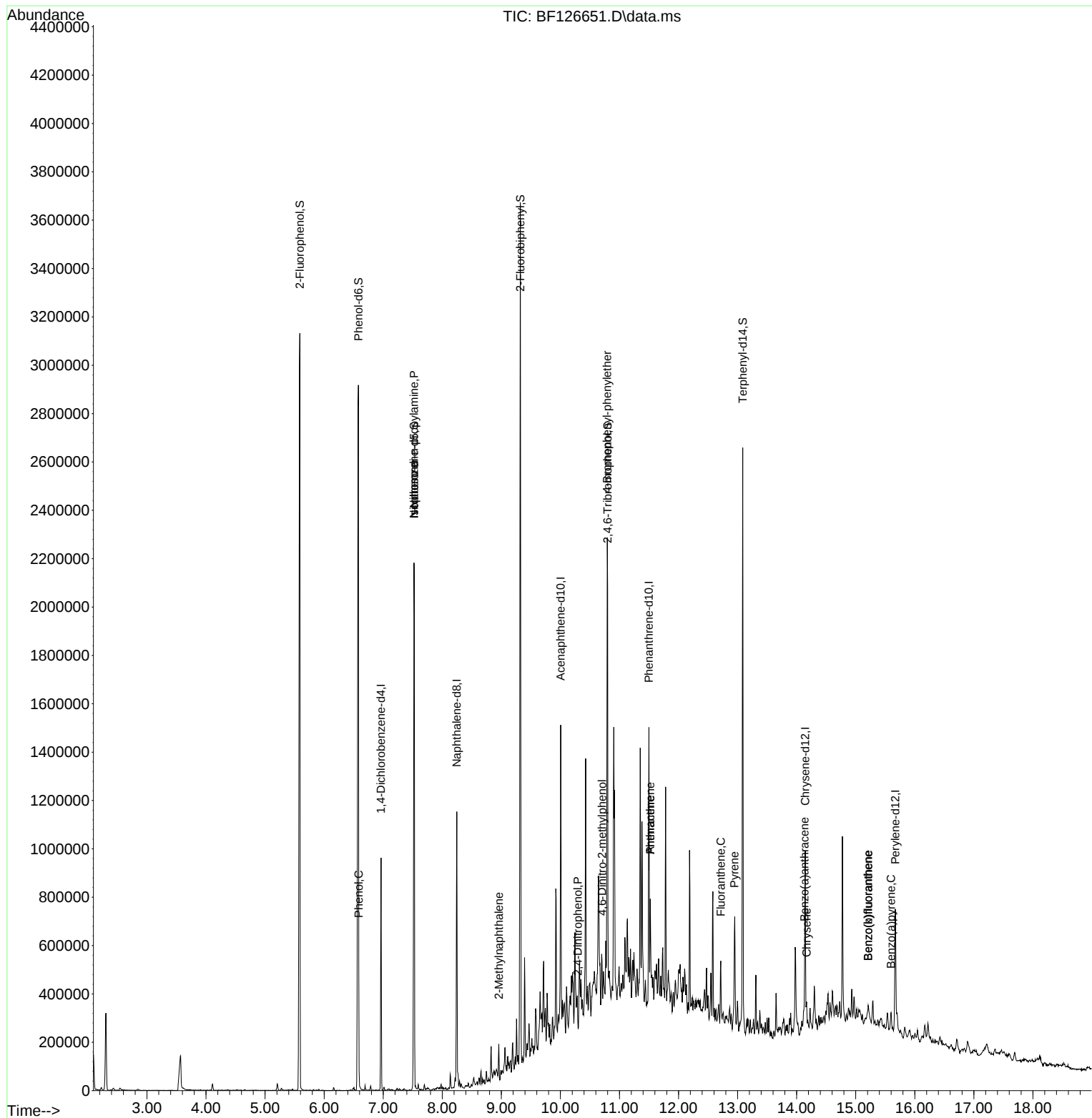
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	112135	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	429604	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	224206	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	342848	20.000	ng	0.00
76) Chrysene-d12	14.145	240	225589	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	233091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	874831	102.661	ng	0.00
7) Phenol-d6	6.581	99	1184076	100.009	ng	0.00
23) Nitrobenzene-d5	7.522	82	869913	79.258	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	204952	97.679	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	956045	65.305	ng	0.00
79) Terphenyl-d14	13.086	244	699588	52.015	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	370	Below Cal	#	1
10) Phenol	6.587	94	31559	2.506	ng	81
19) n-Nitroso-di-n-propyla...	7.522	70	122442	14.170	ng	# 68
25) Isophorone	7.522	82	869893	40.868	ng	# 69
37) 2-Methylnaphthalene	8.957	142	30193	2.092	ng	99
54) 2,4-Dinitrophenol	10.292	184	486	4.412	ng	92
65) 4,6-Dinitro-2-methylph...	10.704	198	122	7.435	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	13546	3.428	ng	# 1
71) Phenanthrene	11.522	178	109567	5.594	ng	98
72) Anthracene	11.522	178	109567	5.575	ng	99
75) Fluoranthene	12.716	202	78407	4.053	ng	95
78) Pyrene	12.945	202	82085	4.500	ng	97
81) Benzo(a)anthracene	14.133	228	33841	2.207	ng	# 82
83) Chrysene	14.169	228	38593	2.616	ng	# 80
88) Benzo(b)fluoranthene	15.210	252	46893	3.034	ng	94
89) Benzo(k)fluoranthene	15.210	252	46893	3.090	ng	# 93
90) Benzo(a)pyrene	15.598	252	34656	2.756	ng	# 90

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

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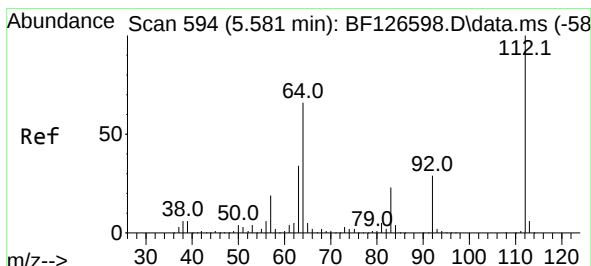
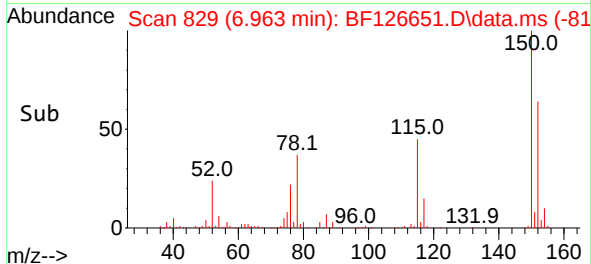
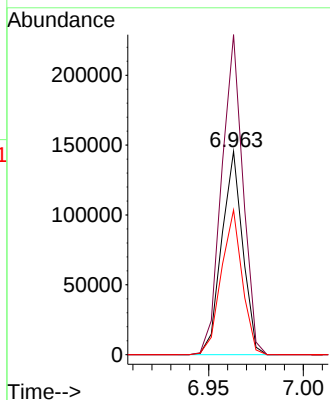
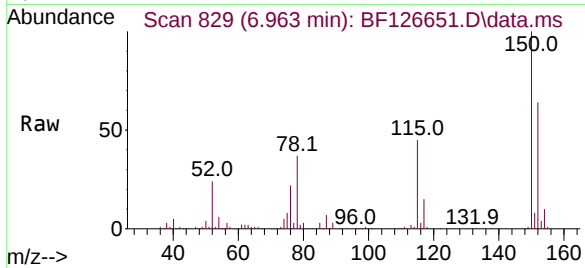




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126651.D
 Acq: 24 Jan 2022 20:44

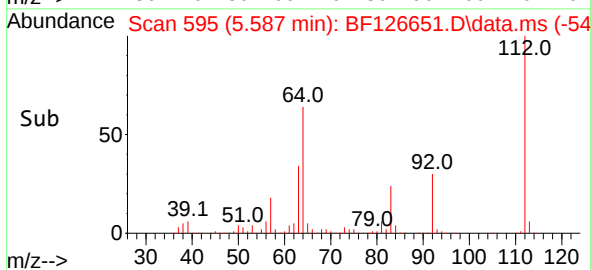
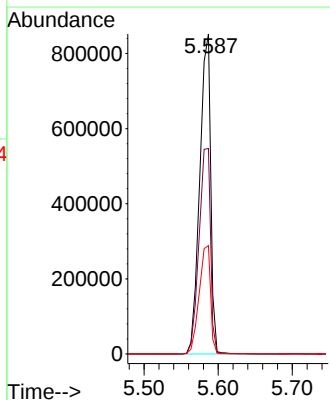
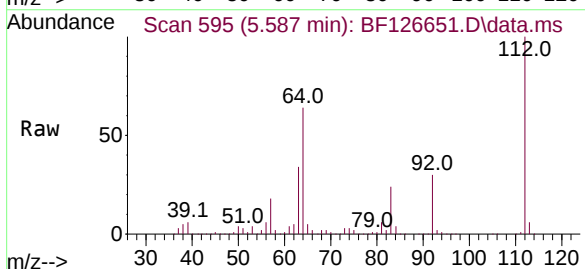
Instrument :
 BNA_F
 ClientSampleId :
 PSC-124055

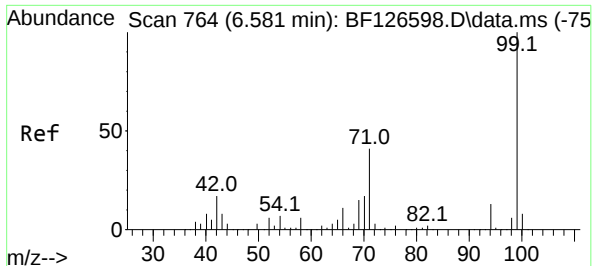
Tgt Ion:152 Resp: 112135
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.1 192.1
 115 71.1 56.7 85.1



#5
 2-Fluorophenol
 Concen: 102.661 ng
 RT: 5.587 min Scan# 595
 Delta R.T. 0.006 min
 Lab File: BF126651.D
 Acq: 24 Jan 2022 20:44

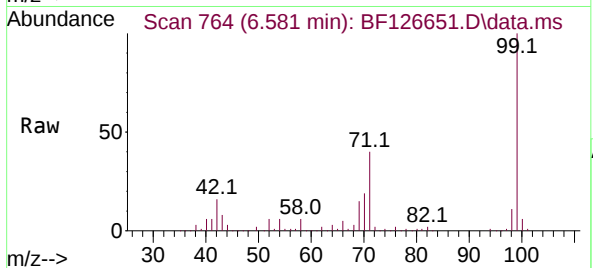
Tgt Ion:112 Resp: 874831
 Ion Ratio Lower Upper
 112 100
 64 64.2 49.5 74.3
 63 33.9 23.9 35.9





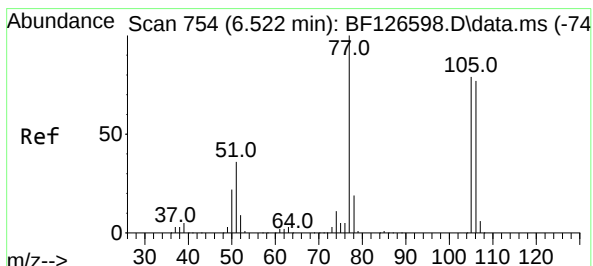
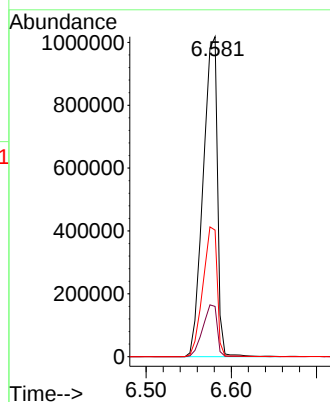
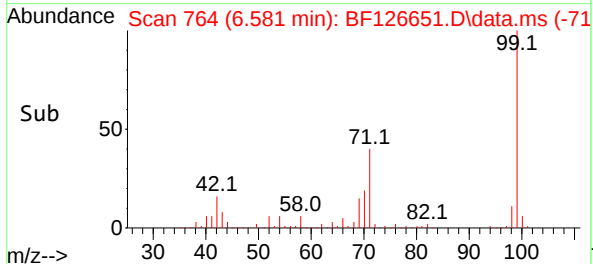
#7
Phenol-d6
Concen: 100.009 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

Instrument :
BNA_F
ClientSampleId :
PSC-124055

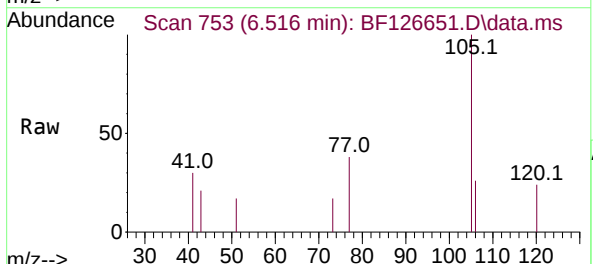


Tgt Ion: 99 Resp: 1184076

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.2	21.4
71	39.5	24.3	36.5#

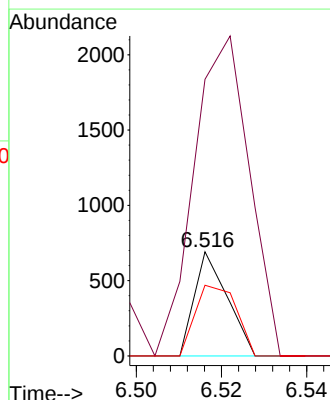
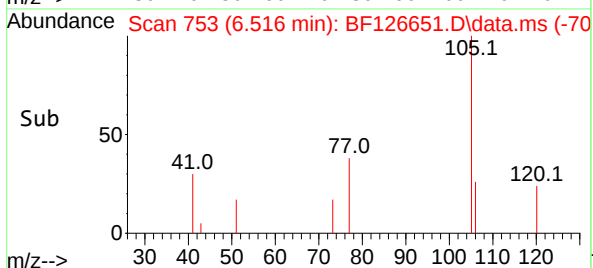


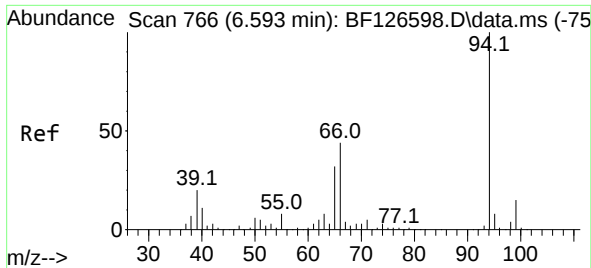
#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44



Tgt Ion: 77 Resp: 370

Ion	Ratio	Lower	Upper
77	100		
105	265.5	74.9	114.9#
106	67.9	72.4	112.4#

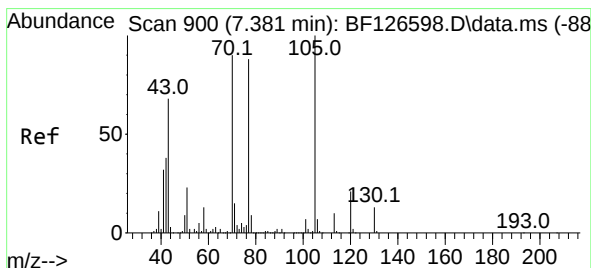
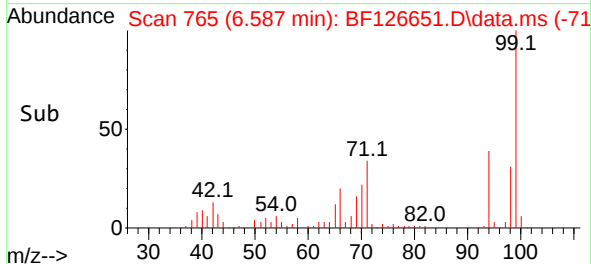
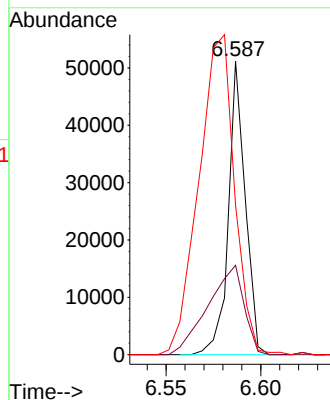
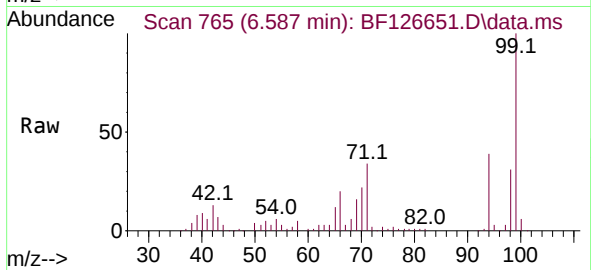




#10
Phenol
Concen: 2.506 ng
RT: 6.587 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

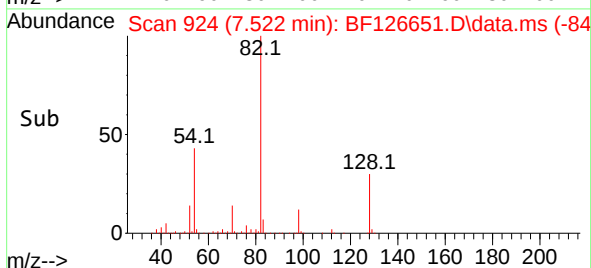
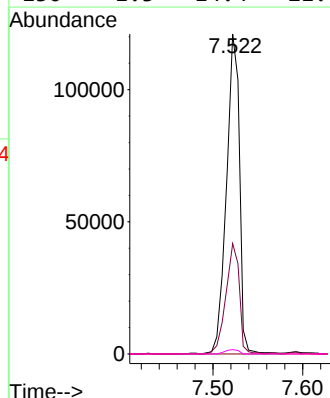
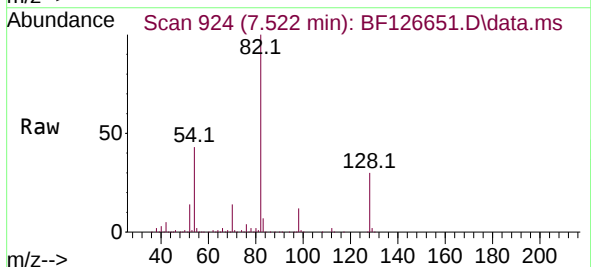
Instrument :
BNA_F
ClientSampleId :
PSC-124055

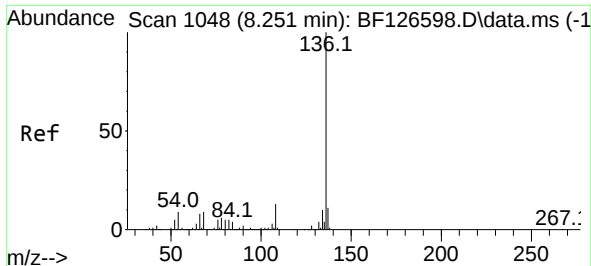
Tgt Ion: 94 Resp: 31559
Ion Ratio Lower Upper
94 100
65 30.5 7.2 47.2
66 50.9 14.5 54.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.170 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.141 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

Tgt Ion: 70 Resp: 122442
Ion Ratio Lower Upper
70 100
42 34.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.3 14.4 21.6#



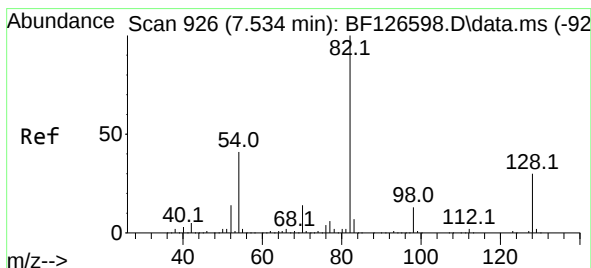
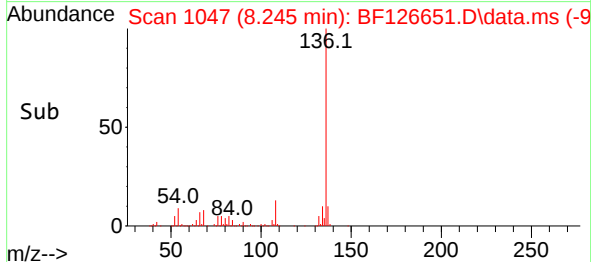
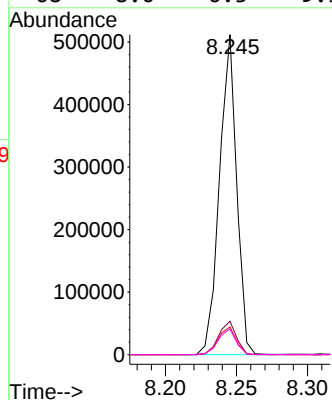
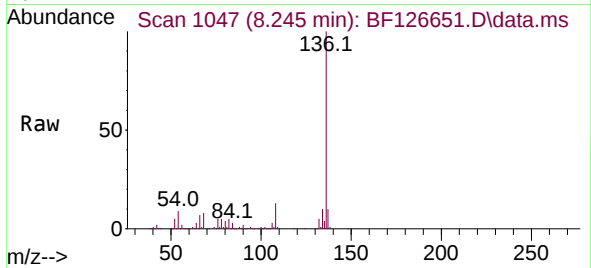


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

Instrument :
BNA_F
ClientSampleId :
PSC-124055

Tgt Ion:136 Resp: 429604

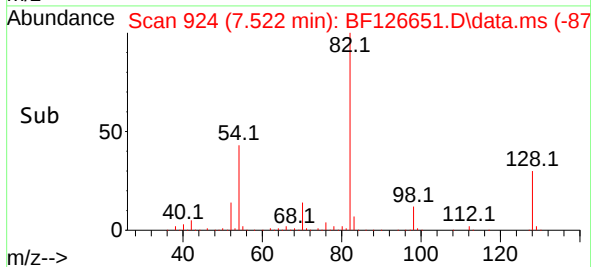
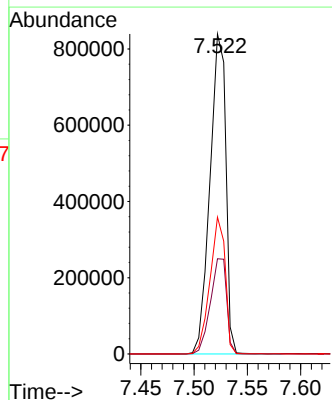
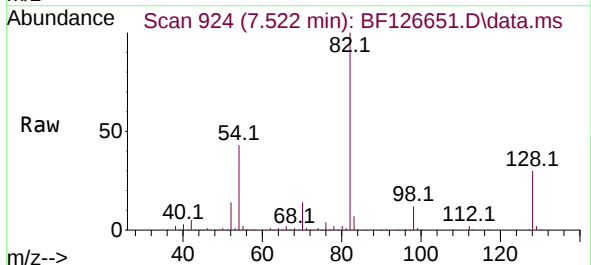
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.6	7.8	11.6
68	8.0	6.3	9.5

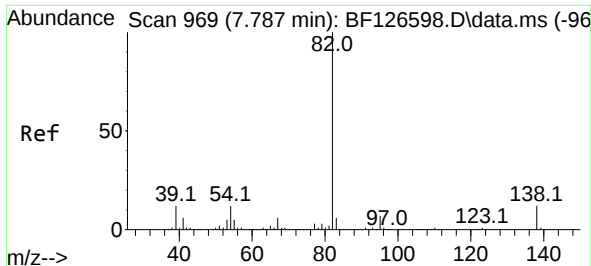


#23
Nitrobenzene-d5
Concen: 79.258 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

Tgt Ion: 82 Resp: 869913

Ion	Ratio	Lower	Upper
82	100		
128	29.7	32.7	49.1#
54	42.7	41.7	62.5

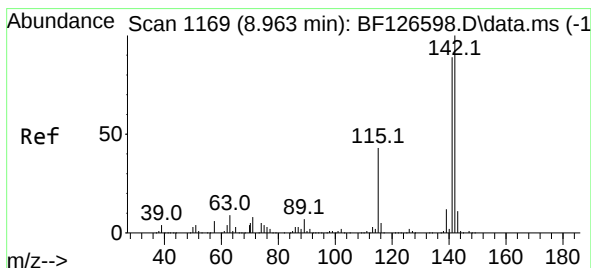
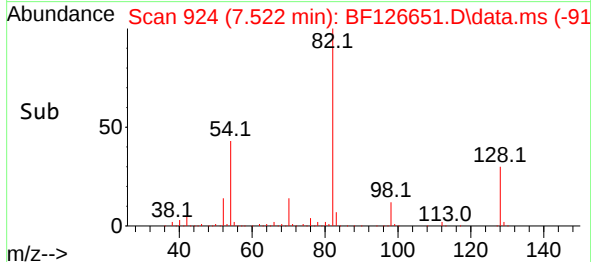
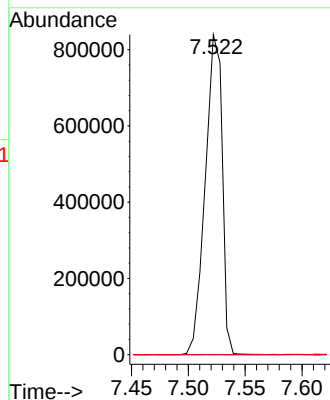
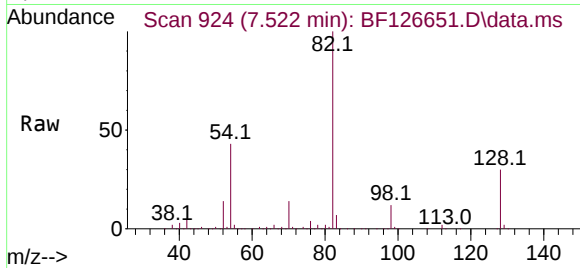




#25
Isophorone
Concen: 40.868 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

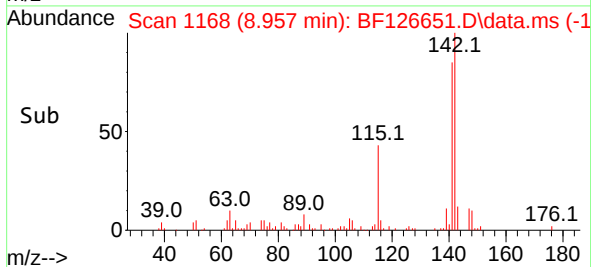
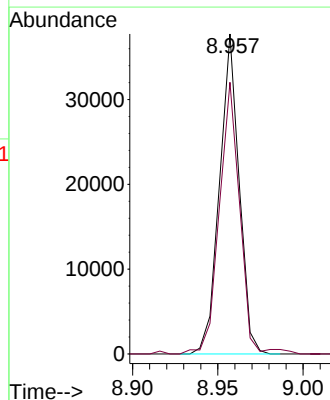
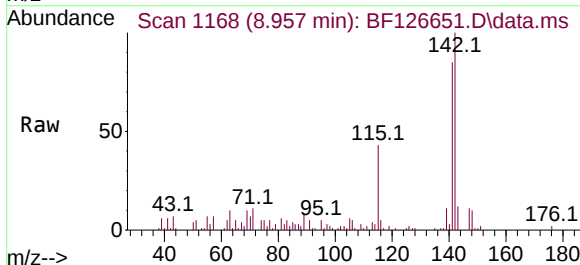
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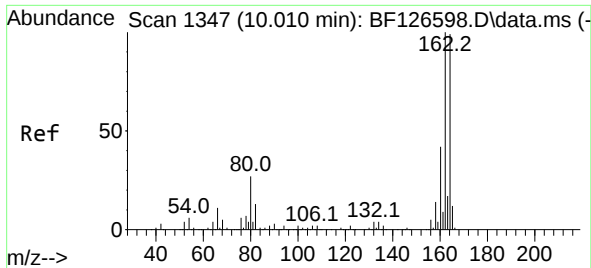
Tgt Ion: 82 Resp: 869893
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#37
2-Methylnaphthalene
Concen: 2.092 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

Tgt Ion: 142 Resp: 30193
Ion Ratio Lower Upper
142 100
141 84.9 68.6 102.8

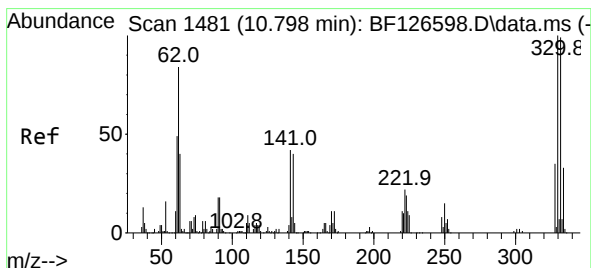
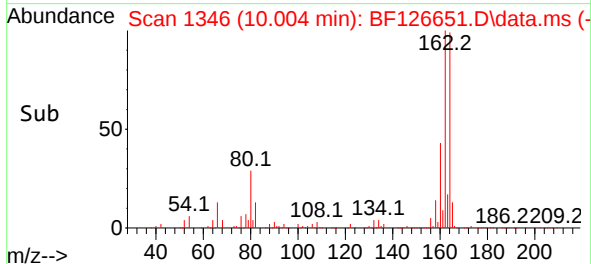
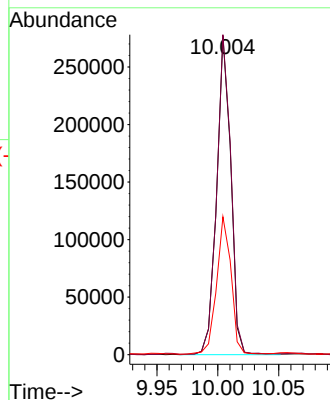
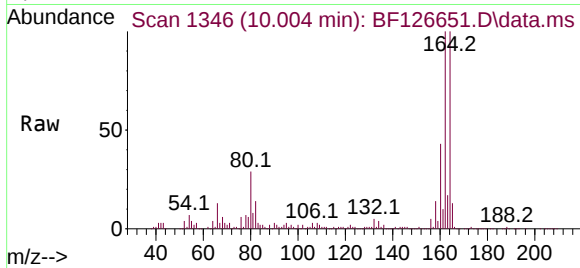




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

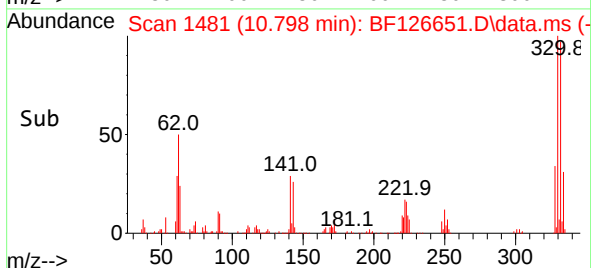
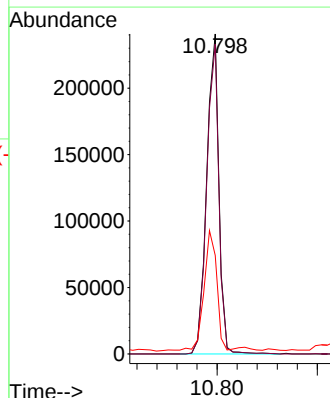
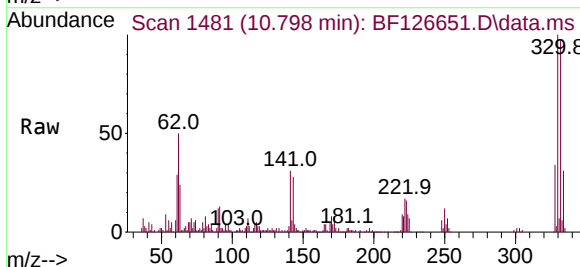
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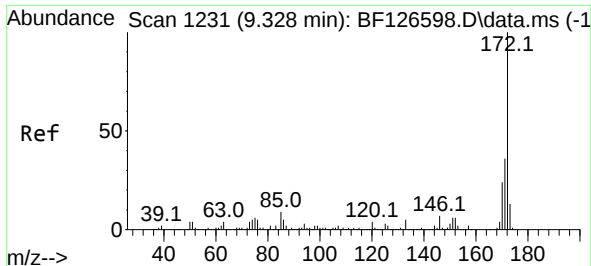
Tgt Ion:164 Resp: 224206
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 43.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 97.679 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

Tgt Ion:330 Resp: 204952
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 40.0 30.1 45.1

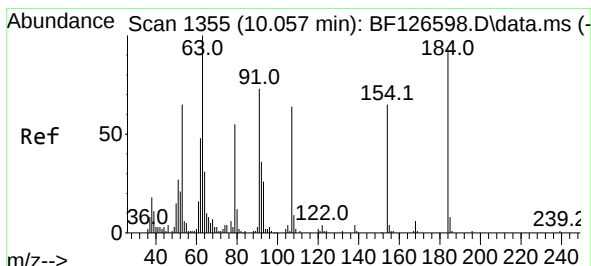
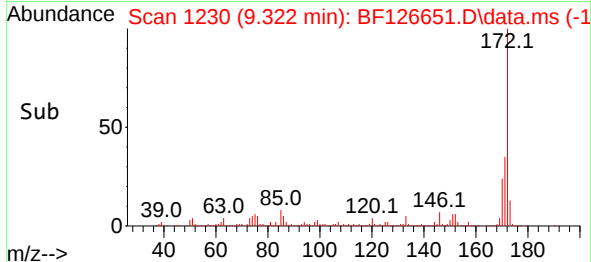
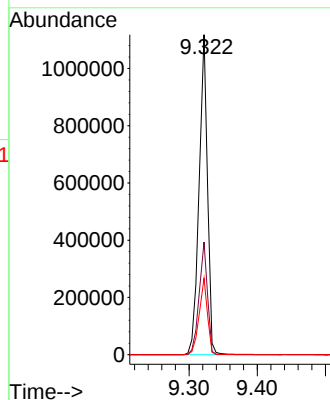
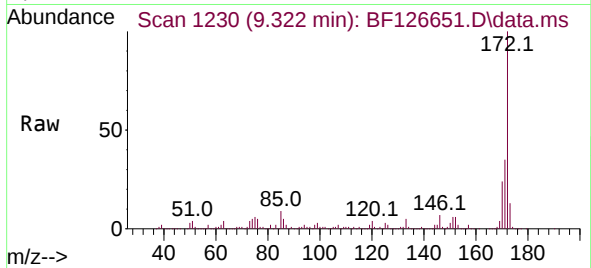




#45
2-Fluorobiphenyl
Concen: 65.305 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

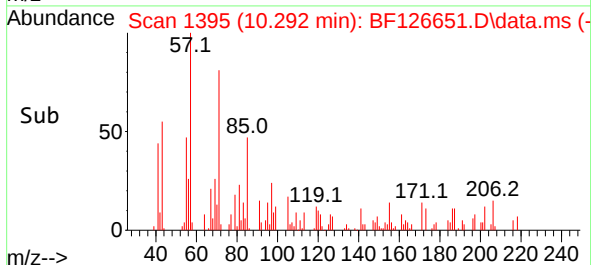
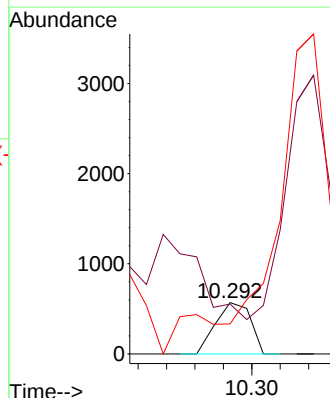
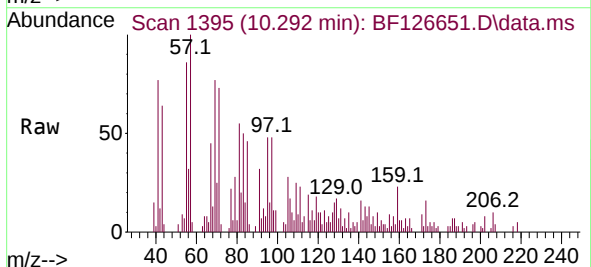
Instrument :
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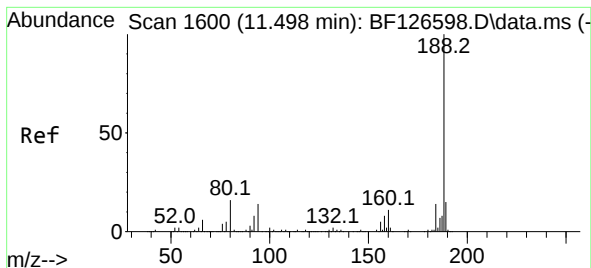
Tgt Ion:172 Resp: 956045
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.9 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 4.412 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.235 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

Tgt Ion:184 Resp: 486
Ion Ratio Lower Upper
184 100
63 97.2 70.4 105.6
154 58.7 49.7 74.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126651.D

Acq: 24 Jan 2022 20:44

Instrument :

BNA_F

ClientSampleId :

PSC-124055

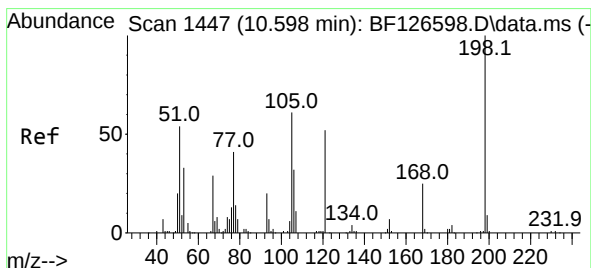
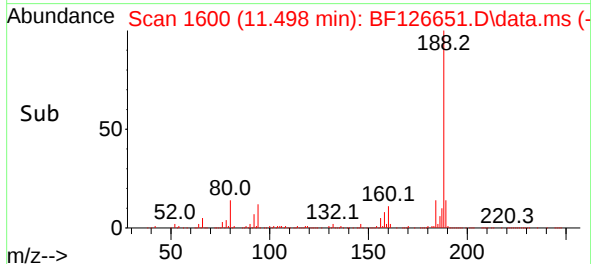
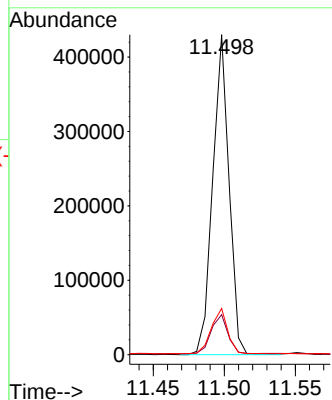
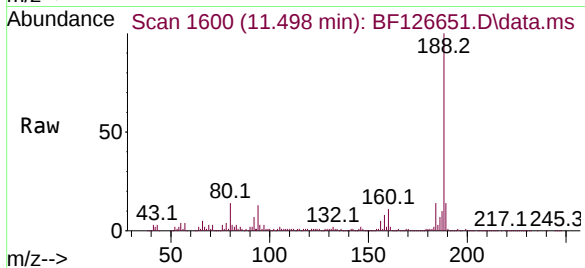
Tgt Ion:188 Resp: 342848

Ion Ratio Lower Upper

188 100

94 12.5 10.1 15.1

80 14.5 11.8 17.6



#65

4,6-Dinitro-2-methylphenol

Concen: 7.435 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.106 min

Lab File: BF126651.D

Acq: 24 Jan 2022 20:44

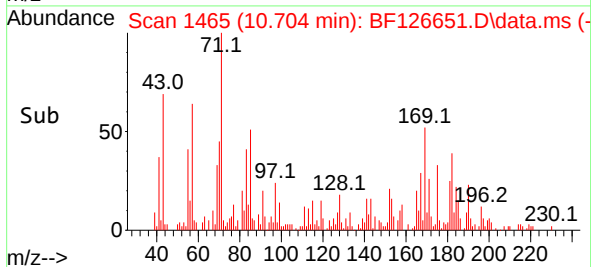
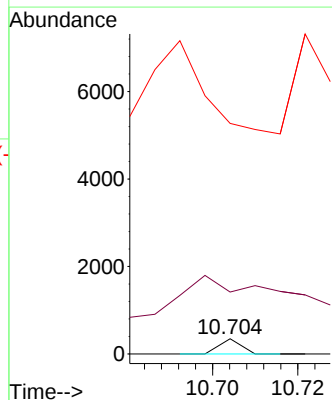
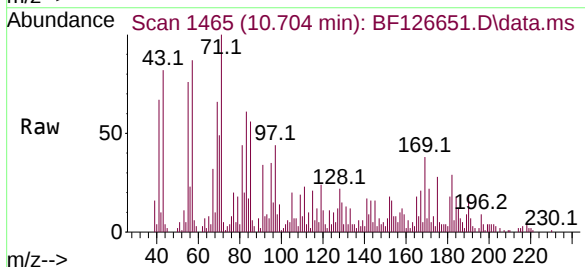
Tgt Ion:198 Resp: 122

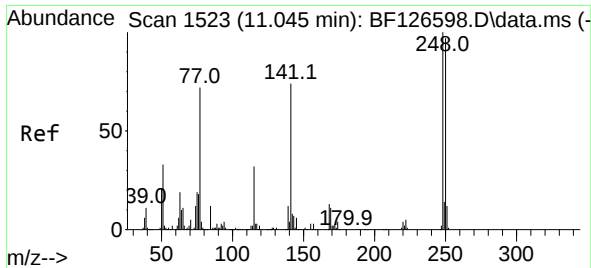
Ion Ratio Lower Upper

198 100

51 407.8 32.0 72.0#

105 1519.3 32.7 72.7#

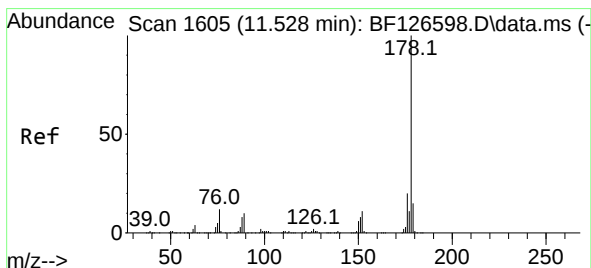
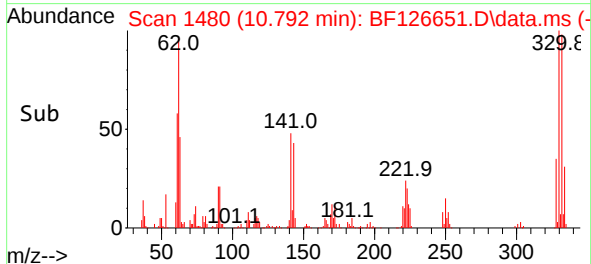
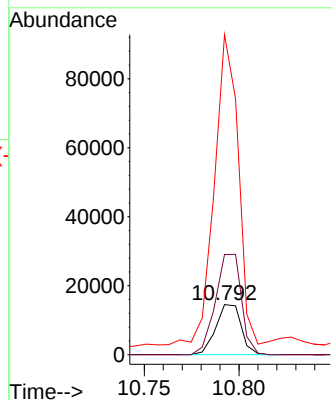
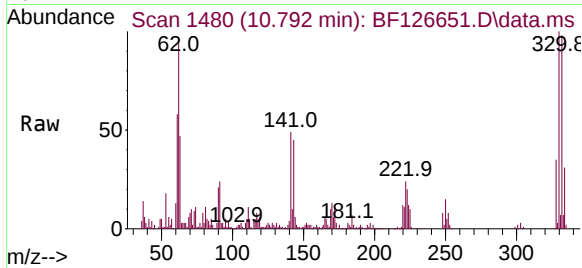




#67
4-Bromophenyl-phenylether
Concen: 3.428 ng
RT: 10.792 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

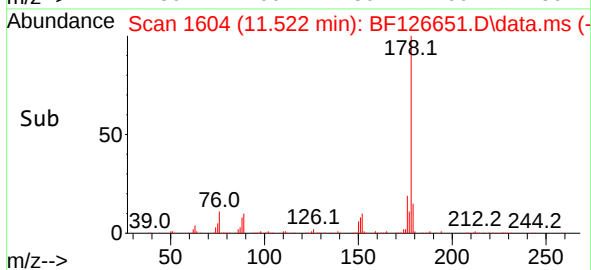
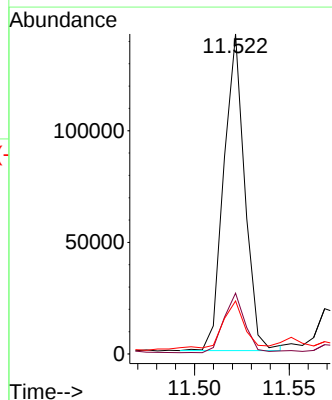
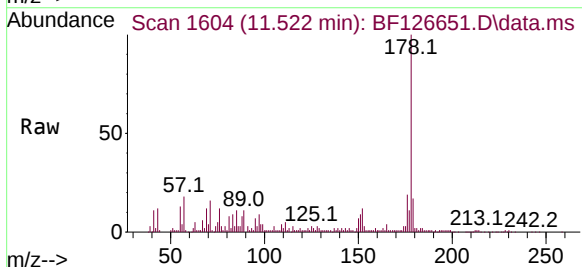
Instrument :
BNA_F
ClientSampleId :
PSC-124055

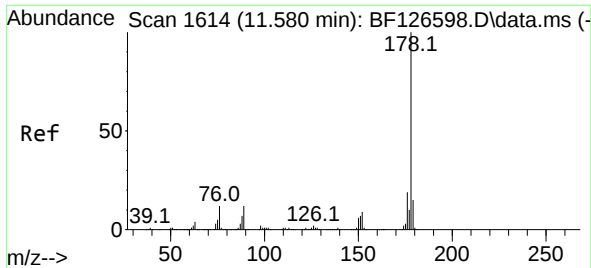
Tgt Ion:248 Resp: 13546
Ion Ratio Lower Upper
248 100
250 199.9 76.2 114.4#
141 638.5 66.2 99.4#



#71
Phenanthrene
Concen: 5.594 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

Tgt Ion:178 Resp: 109567
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 16.5 12.3 18.5

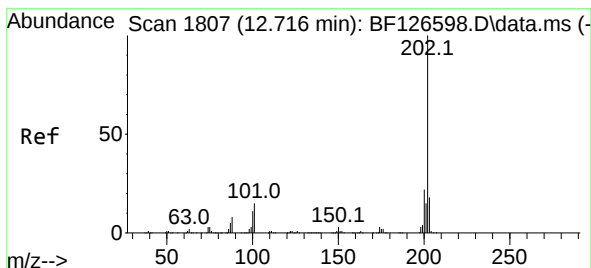
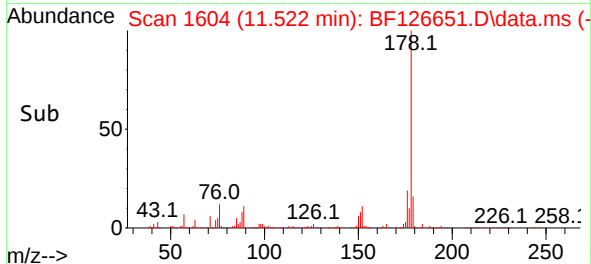
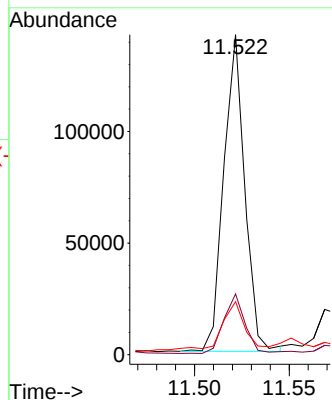
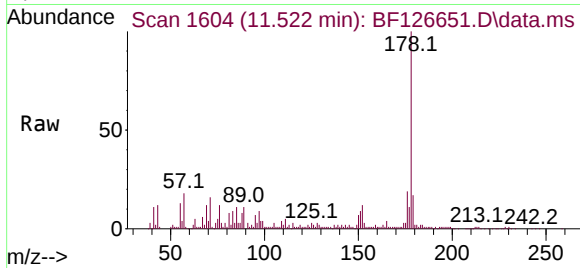




#72
 Anthracene
 Concen: 5.575 ng
 RT: 11.522 min Scan# 1
 Delta R.T. -0.059 min
 Lab File: BF126651.D
 Acq: 24 Jan 2022 20:44

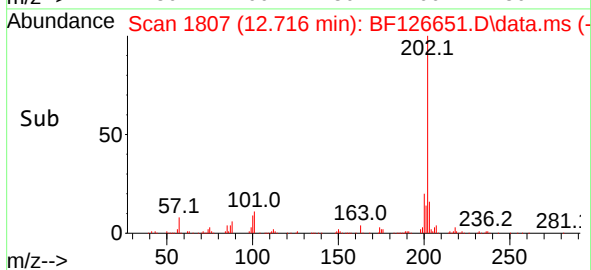
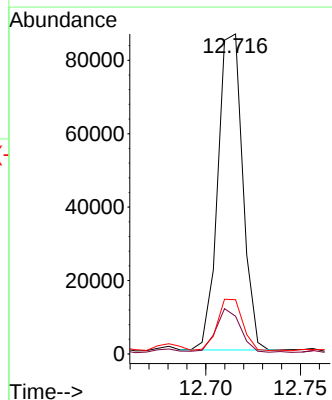
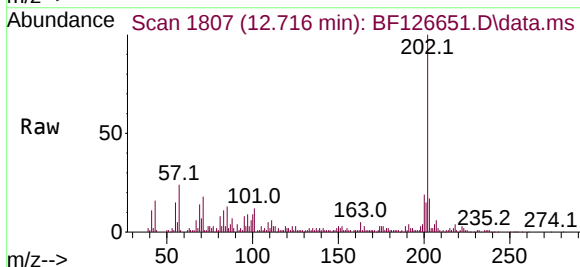
Instrument :
 BNA_F
 ClientSampleId :
 PSC-124055

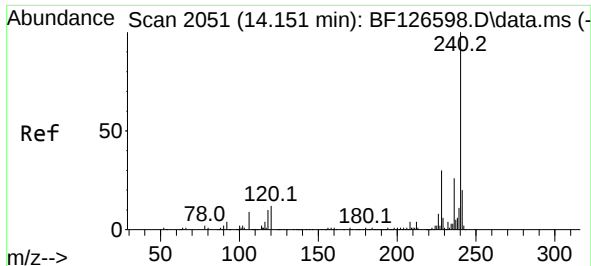
Tgt Ion:178 Resp: 109567
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.0 22.6
 179 16.5 12.5 18.7



#75
 Fluoranthene
 Concen: 4.053 ng
 RT: 12.716 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: BF126651.D
 Acq: 24 Jan 2022 20:44

Tgt Ion:202 Resp: 78407
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 35.7
 203 17.0 0.0 37.1

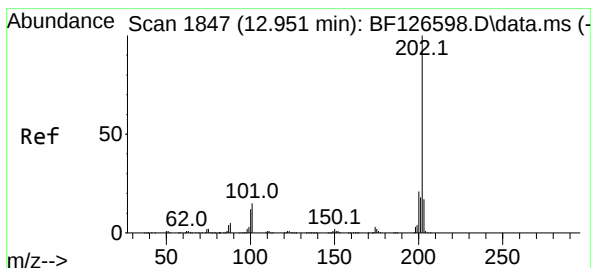
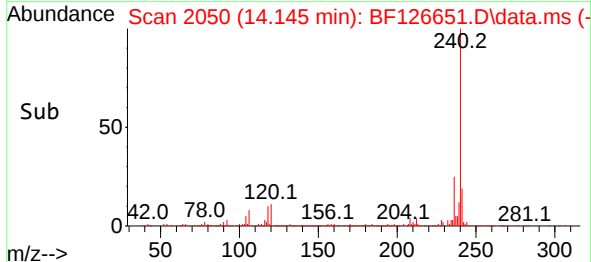
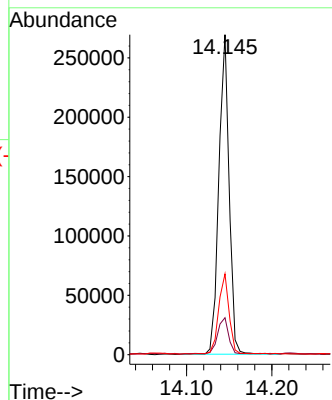
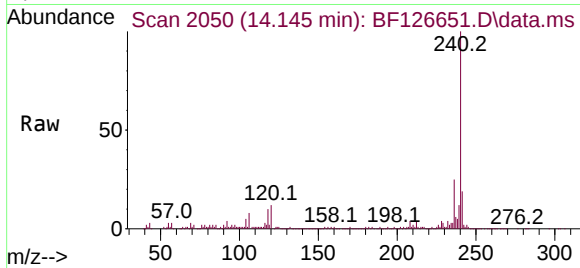




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

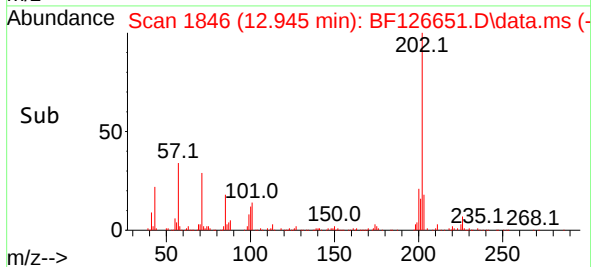
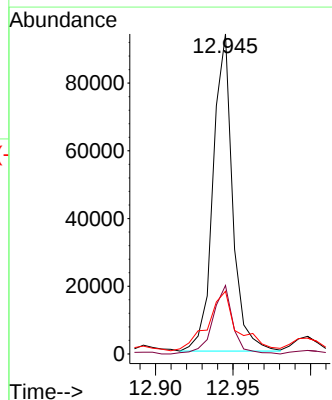
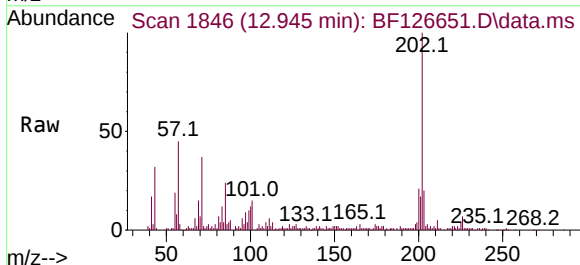
Instrument :
BNA_F
ClientSampleId :
PSC-124055

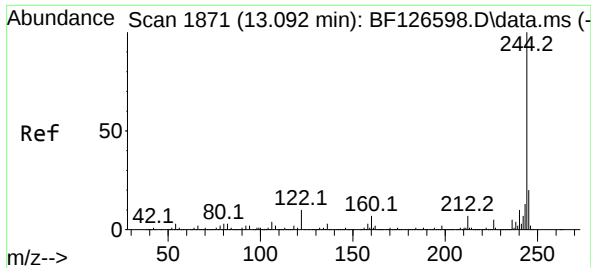
Tgt Ion:240 Resp: 225589
Ion Ratio Lower Upper
240 100
120 11.6 14.4 21.6#
236 25.3 20.5 30.7



#78
Pyrene
Concen: 4.500 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

Tgt Ion:202 Resp: 82085
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 19.6 13.8 20.8

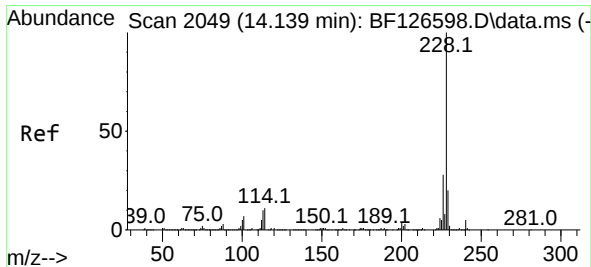
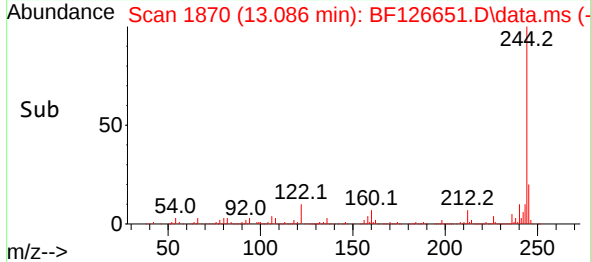
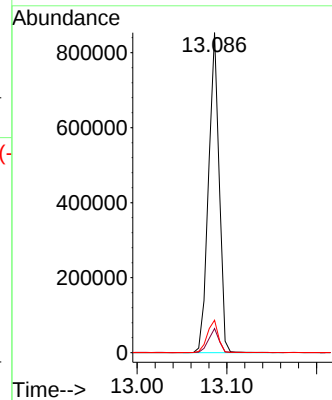
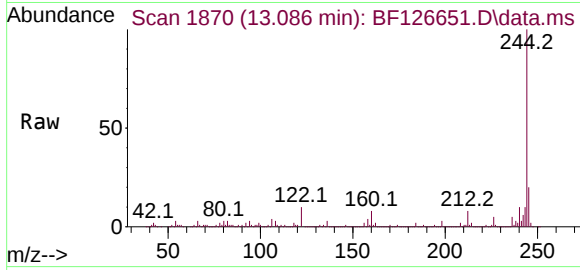




#79
 Terphenyl-d14
 Concen: 52.015 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126651.D
 Acq: 24 Jan 2022 20:44

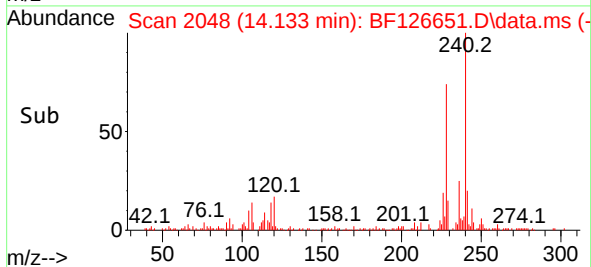
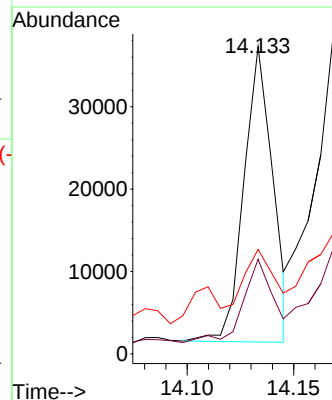
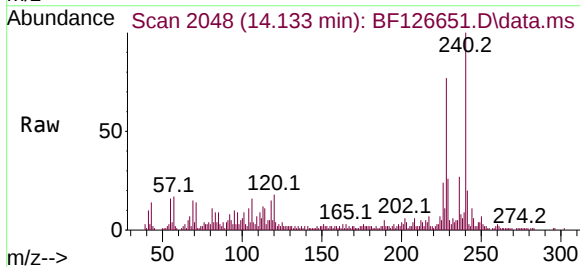
Instrument :
 BNA_F
 ClientSampleId :
 PSC-124055

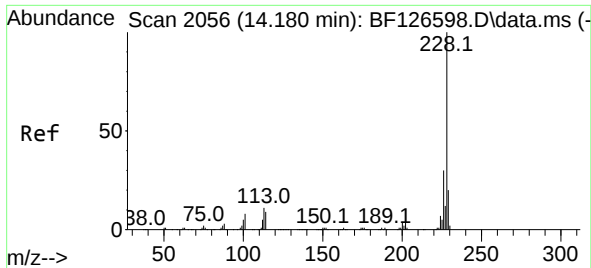
Tgt Ion:244 Resp: 699588
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.0 7.4#
 122 10.2 13.3 19.9#



#81
 Benzo(a)anthracene
 Concen: 2.207 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. -0.006 min
 Lab File: BF126651.D
 Acq: 24 Jan 2022 20:44

Tgt Ion:228 Resp: 33841
 Ion Ratio Lower Upper
 228 100
 226 30.8 21.4 32.0
 229 34.0 15.4 23.2#

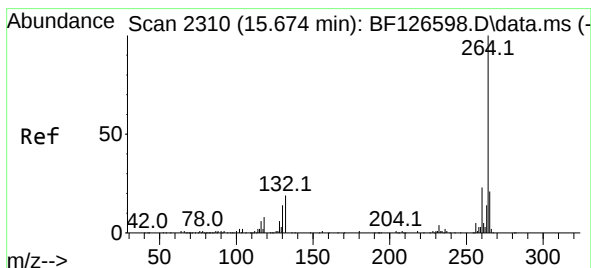
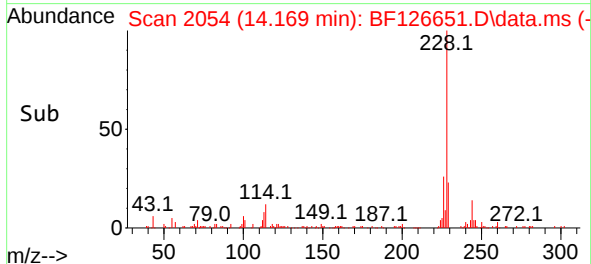
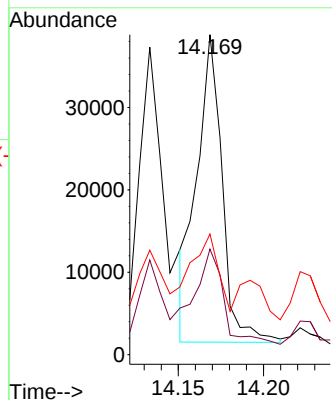
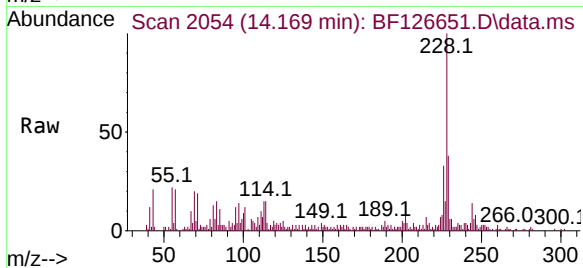




#83
Chrysene
Concen: 2.616 ng
RT: 14.169 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

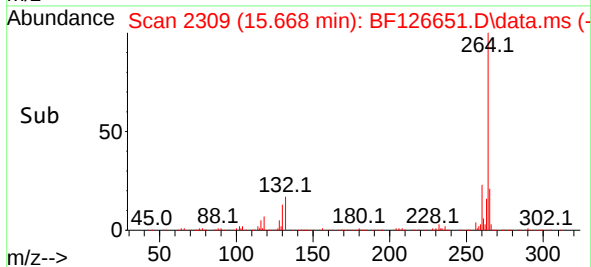
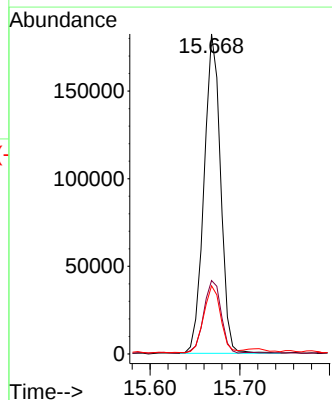
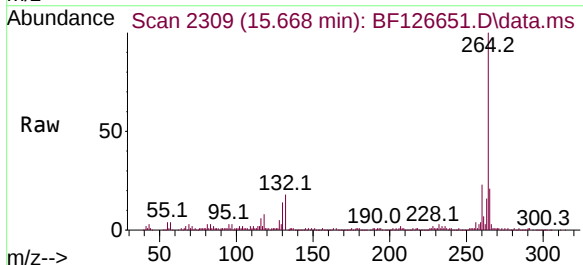
Instrument :
BNA_F
ClientSampleId :
PSC-124055

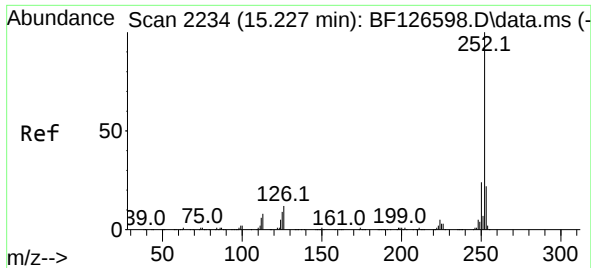
Tgt Ion:228 Resp: 38593
Ion Ratio Lower Upper
228 100
226 33.0 23.7 35.5
229 37.7 15.5 23.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2309
Delta R.T. -0.006 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

Tgt Ion:264 Resp: 233091
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.3 17.4 26.2

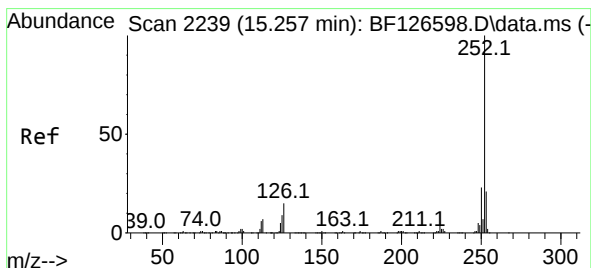
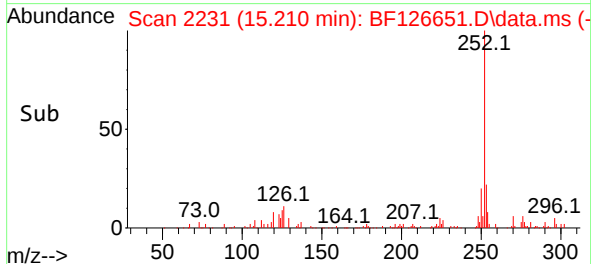
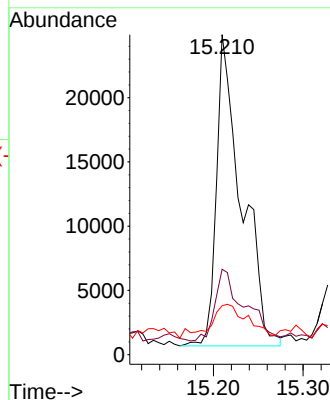
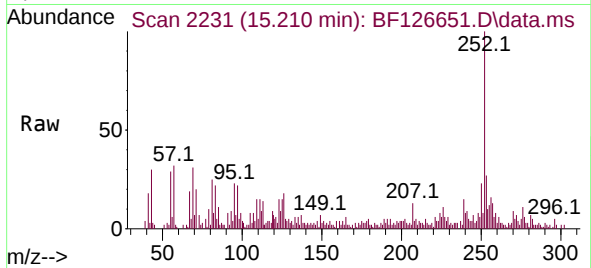




#88
Benzo(b)fluoranthene
Concen: 3.034 ng
RT: 15.210 min Scan# 2110
Delta R.T. -0.018 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

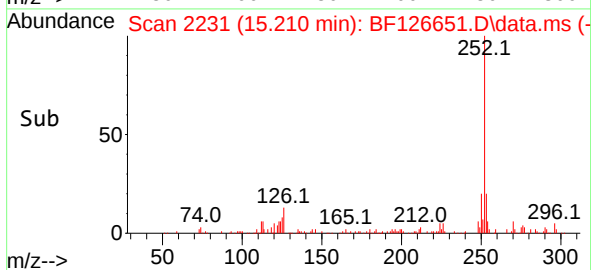
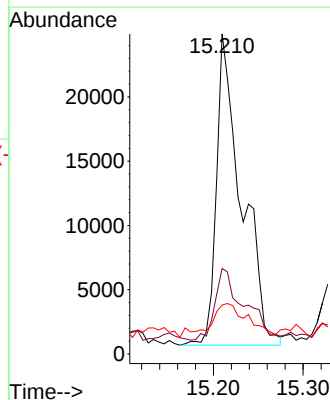
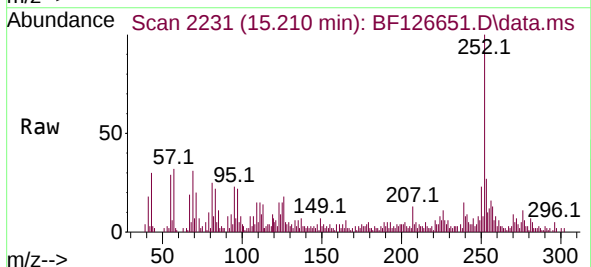
Instrument :
BNA_F
ClientSampleId :
PSC-124055

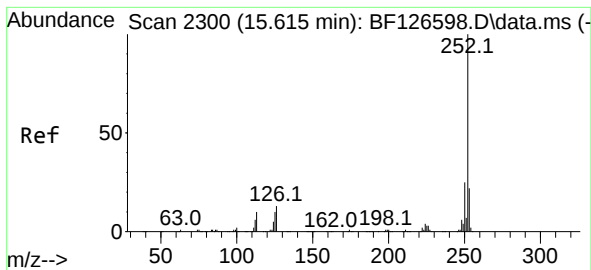
Tgt Ion:252 Resp: 46893
Ion Ratio Lower Upper
252 100
253 26.7 17.8 26.8
125 15.3 12.4 18.6



#89
Benzo(k)fluoranthene
Concen: 3.090 ng
RT: 15.210 min Scan# 2231
Delta R.T. -0.047 min
Lab File: BF126651.D
Acq: 24 Jan 2022 20:44

Tgt Ion:252 Resp: 46893
Ion Ratio Lower Upper
252 100
253 26.7 17.5 26.3#
125 15.3 11.8 17.6





#90

Benzo(a)pyrene

Concen: 2.756 ng

RT: 15.598 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF126651.D

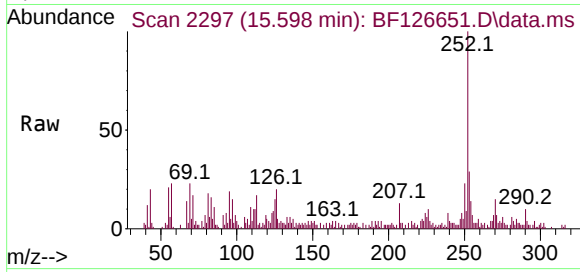
Acq: 24 Jan 2022 20:44

Instrument :

BNA_F

ClientSampleId :

PSC-124055



Tgt Ion:	252	Resp:	34656
Ion Ratio	Lower	Upper	
252	100		
253	29.1	17.1	25.7#
125	15.1	13.0	19.6

