

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124808.D
 Acq On : 27 Jul 2021 23:13
 Operator : JU/CG
 Sample : M3143-03RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-2

Quant Time: Jul 28 03:08:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

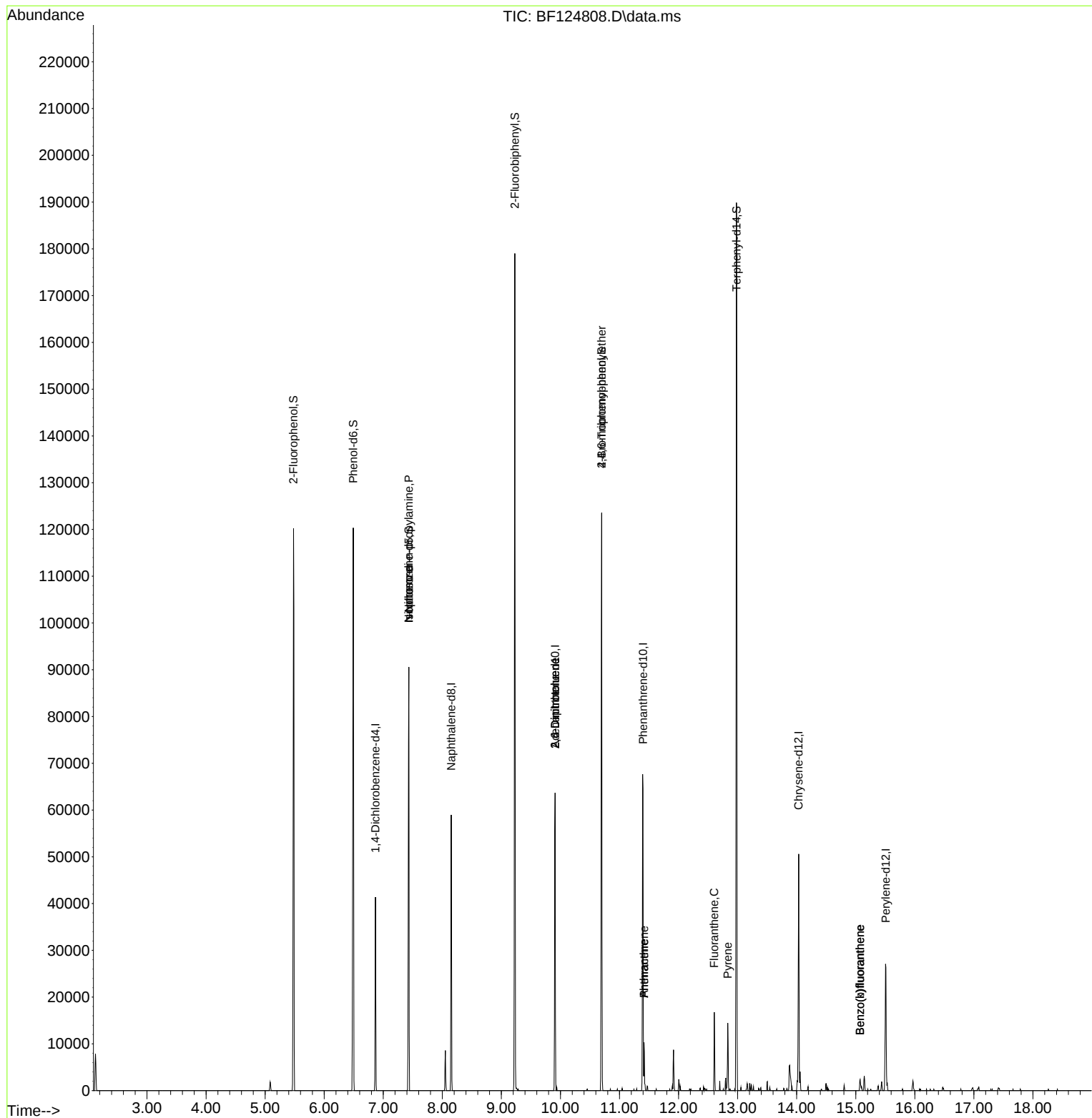
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5810	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	23898	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	13771	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	27218	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	16615	20.00	ng	# 0.00
86) Perylene-d12	15.510	264	14078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	32660	95.18	ng	0.00
7) Phenol-d6	6.492	99	38876	90.37	ng	0.00
23) Nitrobenzene-d5	7.434	82	26322	65.55	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	11898	100.63	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	52005	55.47	ng	0.00
79) Terphenyl-d14	12.980	244	65675	67.76	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	3397	14.79	ng	# 66
25) Isophorone	7.434	82	26322	37.07	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1574	7.51	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1574	5.54	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	935	3.24	ng	# 1
71) Phenanthrene	11.416	178	4500	3.07	ng	98
72) Anthracene	11.416	178	4500	3.07	ng	97
75) Fluoranthene	12.604	202	6932	4.64	ng	94
78) Pyrene	12.833	202	6932	5.27	ng	97
88) Benzo(b)fluoranthene	15.074	252	2793	2.82	ng	# 76
89) Benzo(k)fluoranthene	15.074	252	2793	3.08	ng	# 81

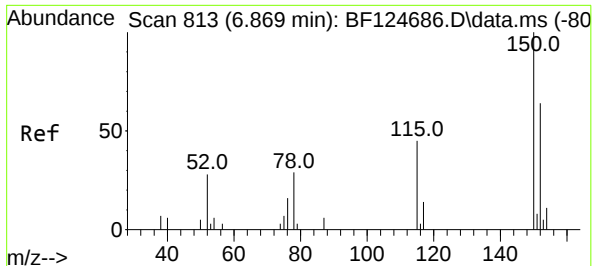
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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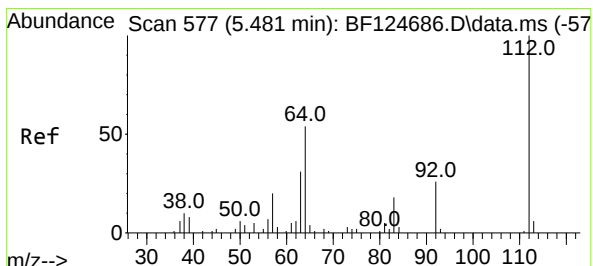
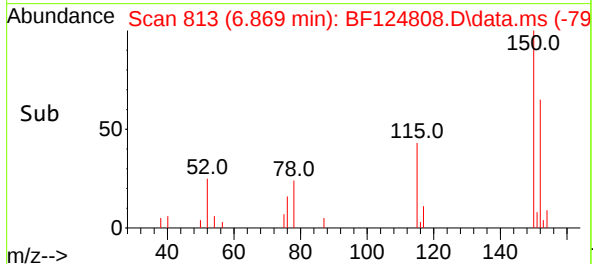
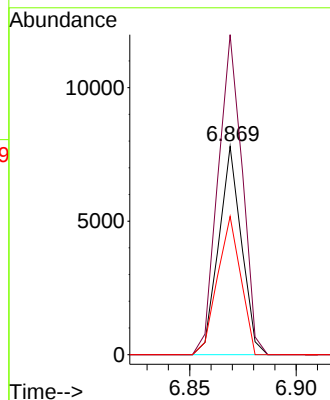
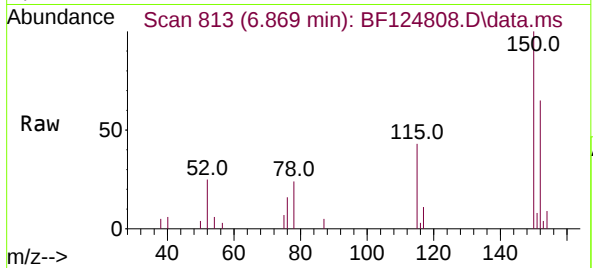




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

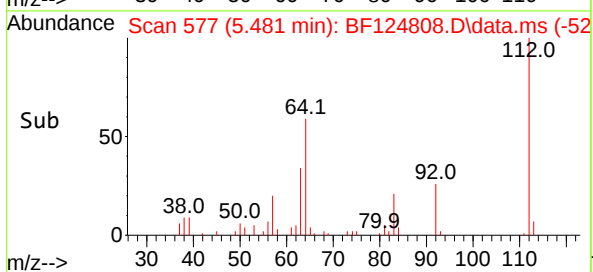
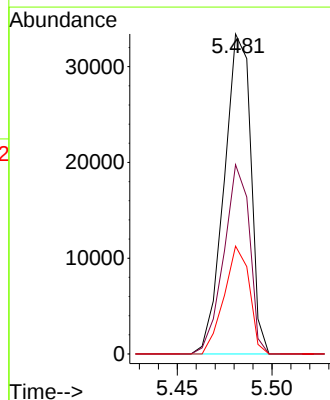
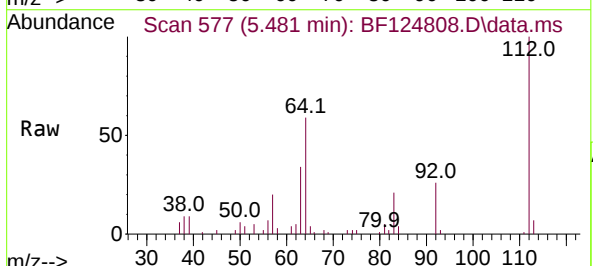
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

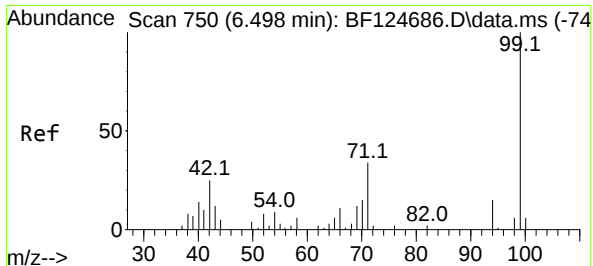
Tgt Ion:152 Resp: 5810
Ion Ratio Lower Upper
152 100
150 153.5 117.6 176.4
115 66.3 47.1 70.7



#5
2-Fluorophenol
Concen: 95.18 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion:112 Resp: 32660
Ion Ratio Lower Upper
112 100
64 59.1 44.2 66.2
63 33.7 26.2 39.2

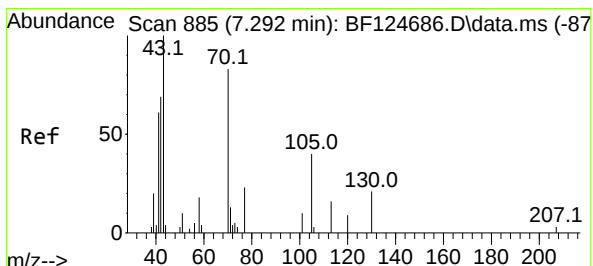
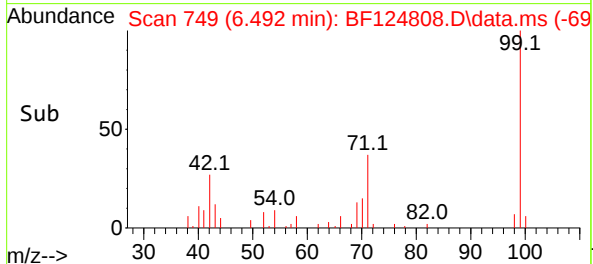
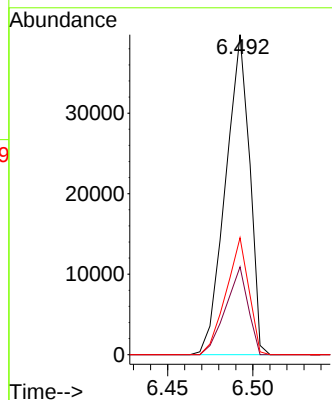
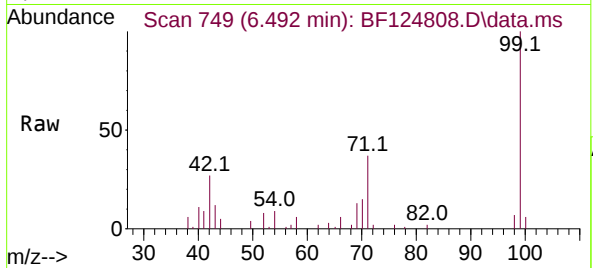




#7
Phenol-d6
Concen: 90.37 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

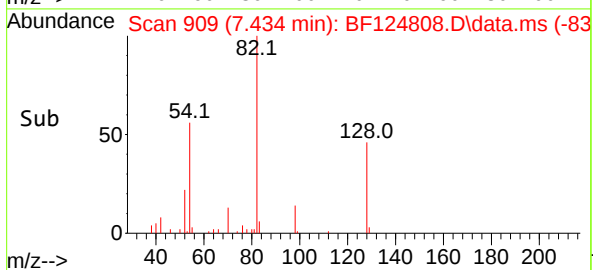
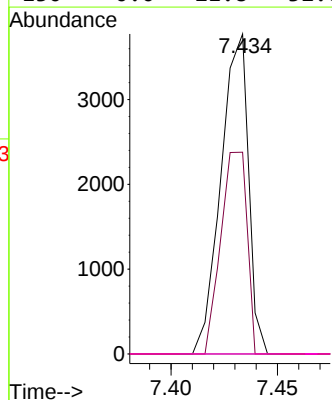
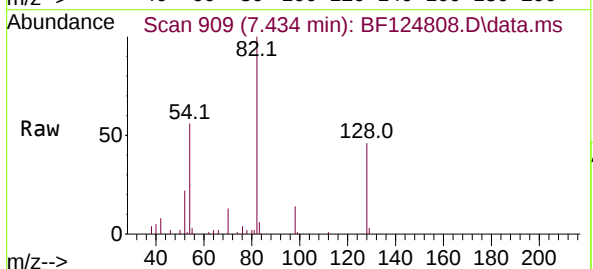
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

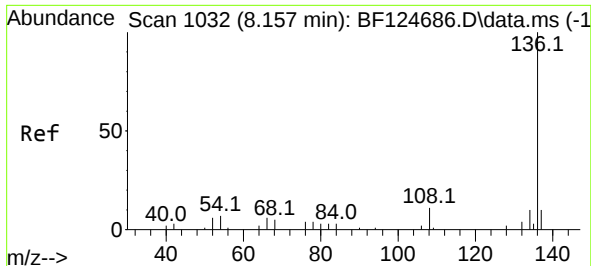
Tgt Ion: 99 Resp: 38876
Ion Ratio Lower Upper
99 100
42 27.4 23.5 35.3
71 36.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.79 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion: 70 Resp: 3397
Ion Ratio Lower Upper
70 100
42 63.1 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

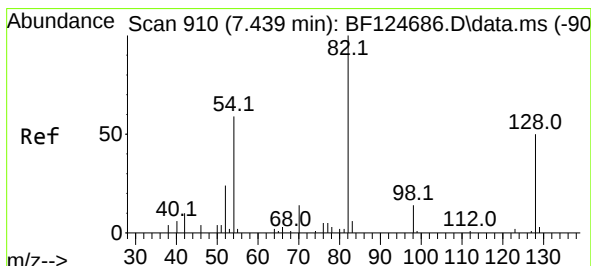
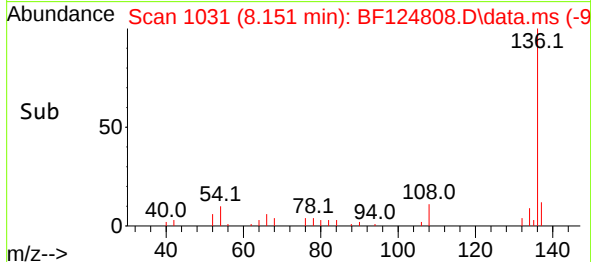
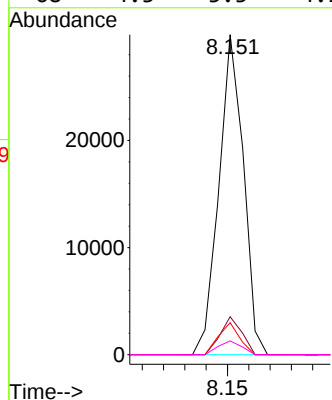
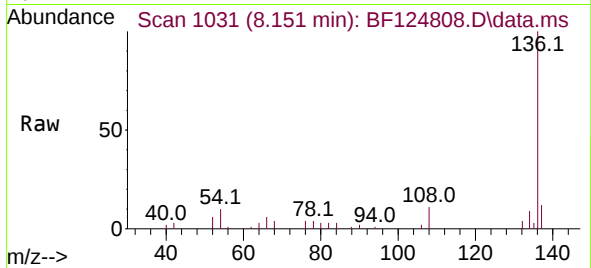




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

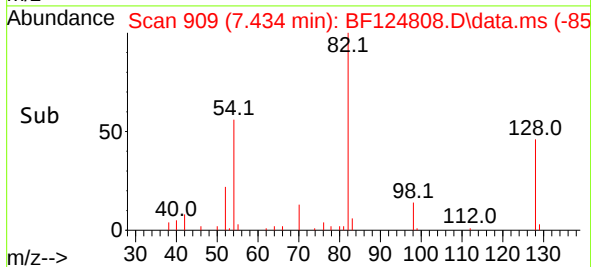
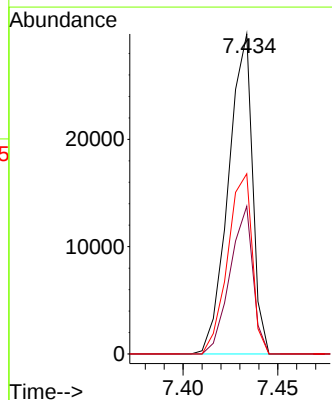
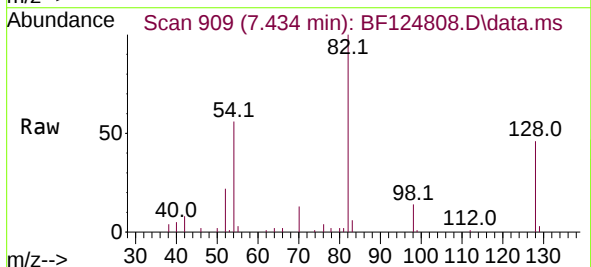
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

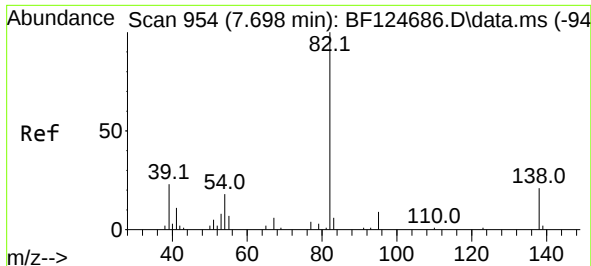
Tgt Ion:	136	Resp:	23898
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.6
54	10.0	6.4	9.6#
68	4.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 65.55 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion:	82	Resp:	26322
Ion	Ratio	Lower	Upper
82	100		
128	46.2	40.6	60.8
54	56.3	49.6	74.4

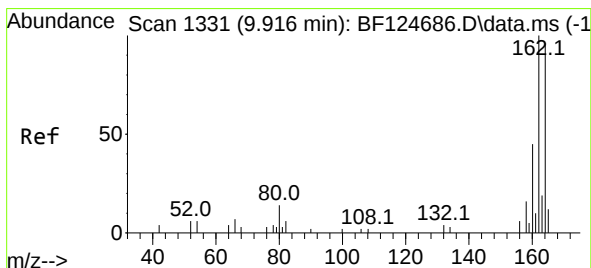
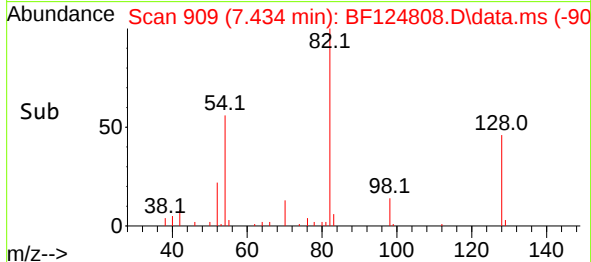
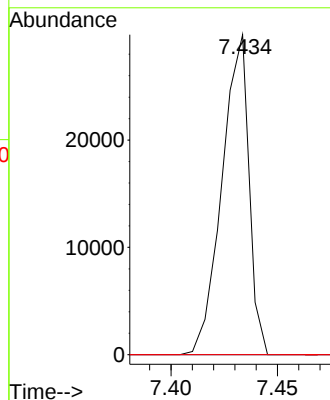
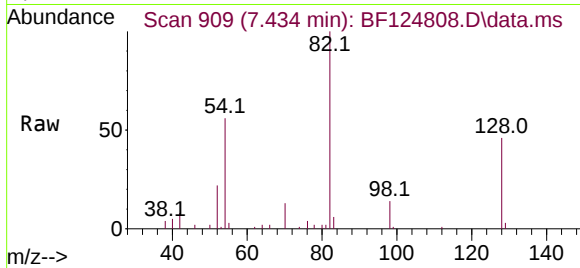




#25
Isophorone
Concen: 37.07 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

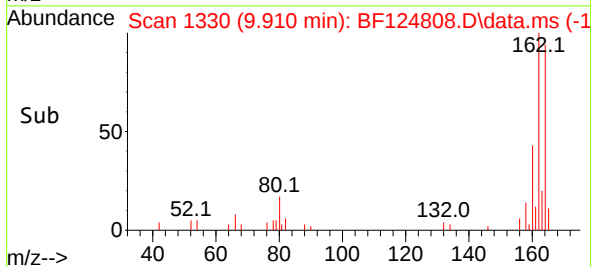
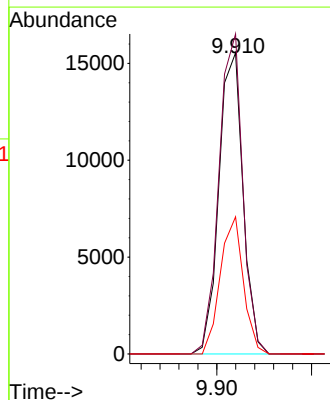
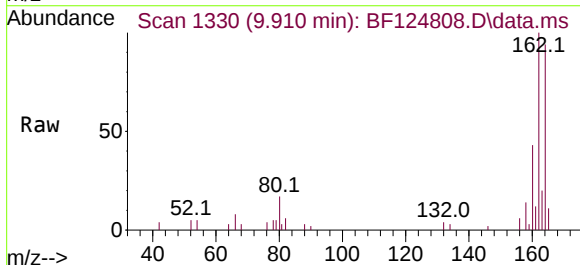
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

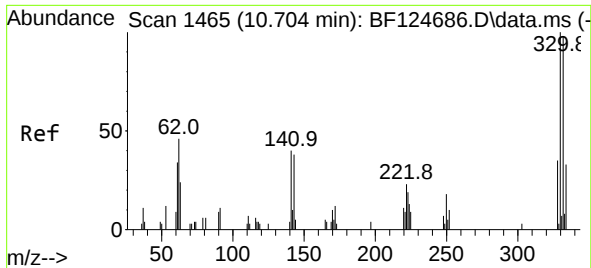
Tgt Ion: 82 Resp: 26322
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion:164 Resp: 13771
Ion Ratio Lower Upper
164 100
162 106.3 81.3 121.9
160 45.5 38.0 57.0

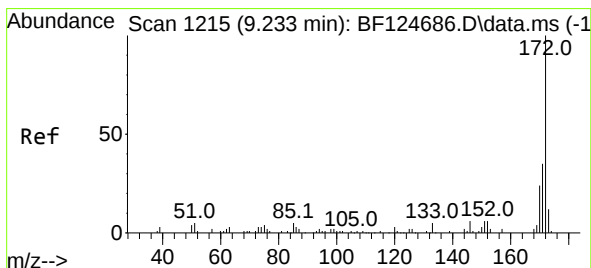
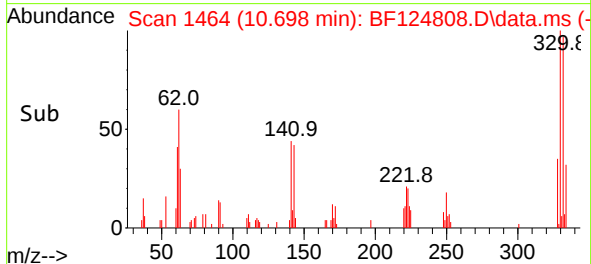
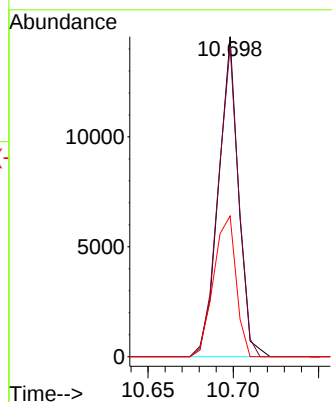
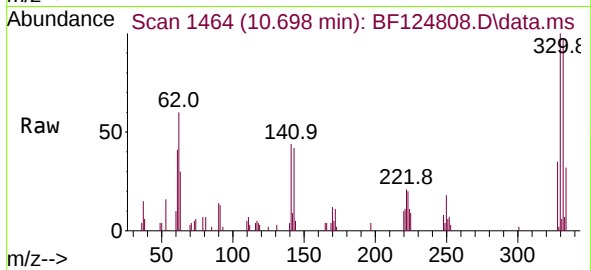




#42
2,4,6-Tribromophenol
Concen: 100.63 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

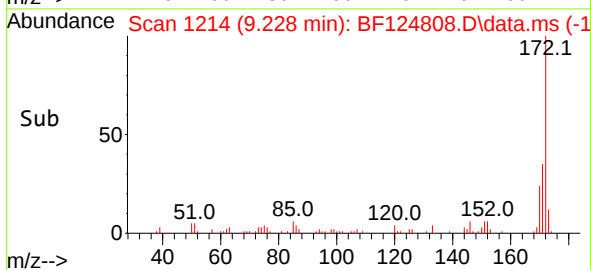
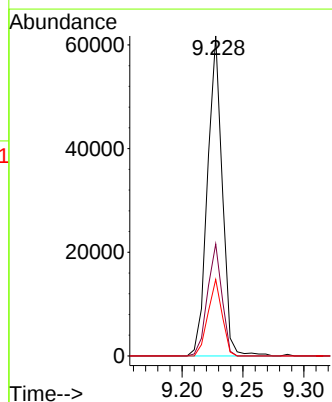
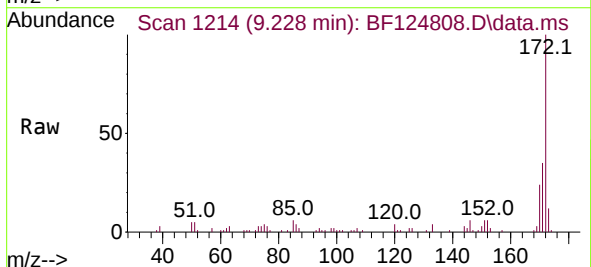
Instrument :
BNA_F
ClientSampled :
STOCK-PILE-2

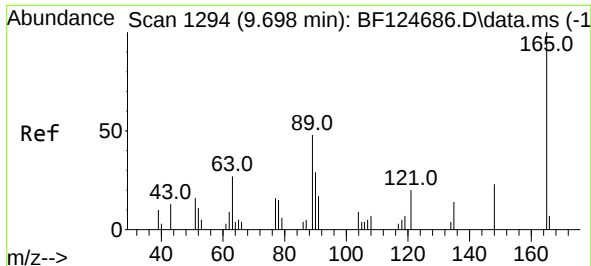
Tgt Ion: 330 Resp: 11898
Ion Ratio Lower Upper
330 100
332 98.9 76.2 114.4
141 49.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 55.47 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion: 172 Resp: 52005
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.9 18.8 28.2

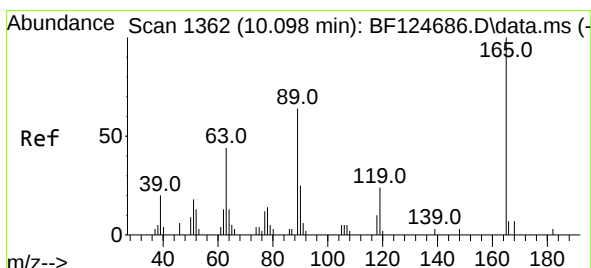
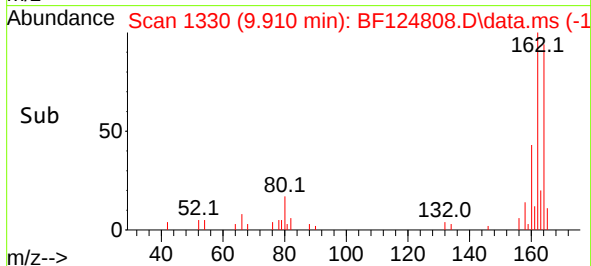
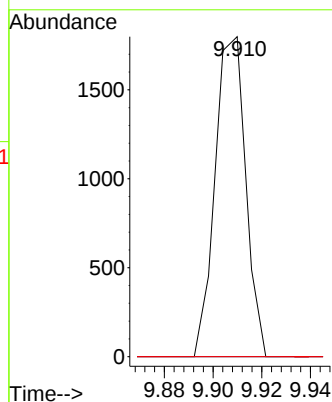
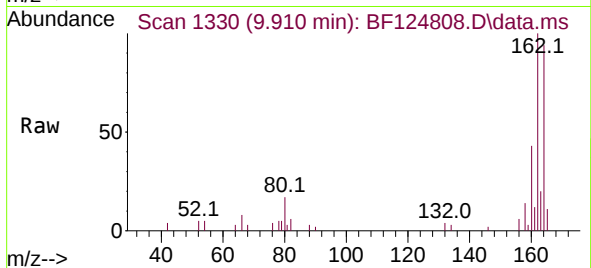




#51
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

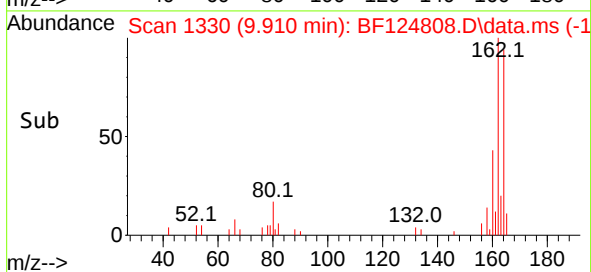
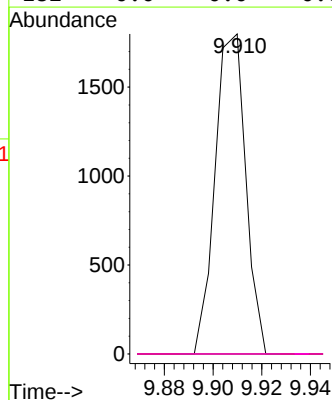
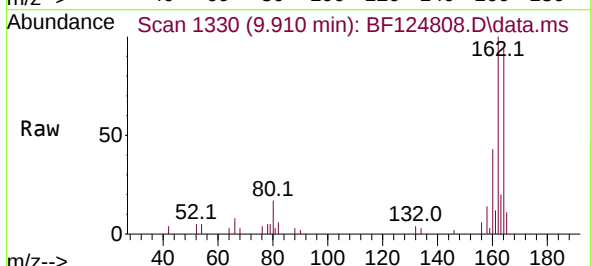
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

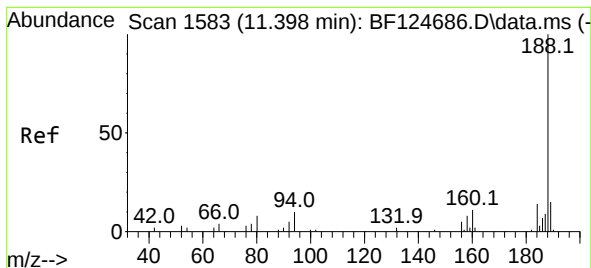
Tgt Ion:165 Resp: 1574
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion:165 Resp: 1574
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

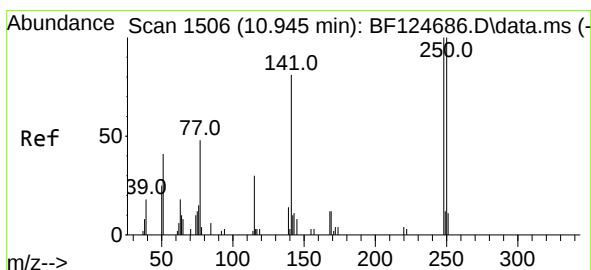
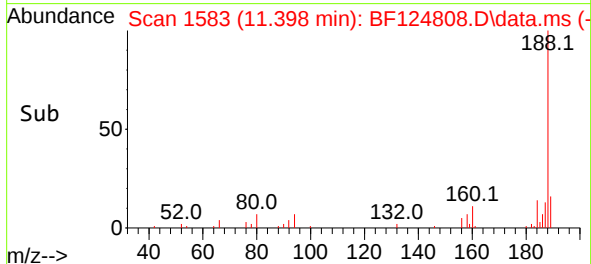
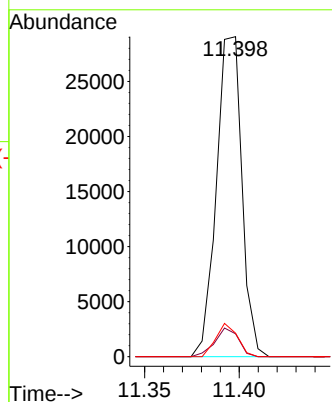
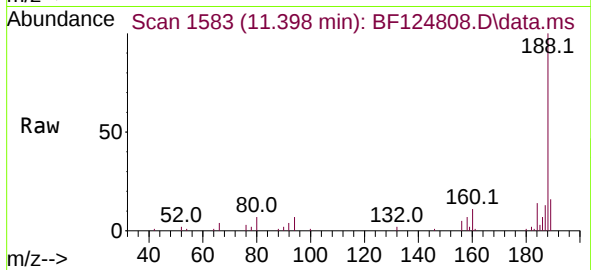




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

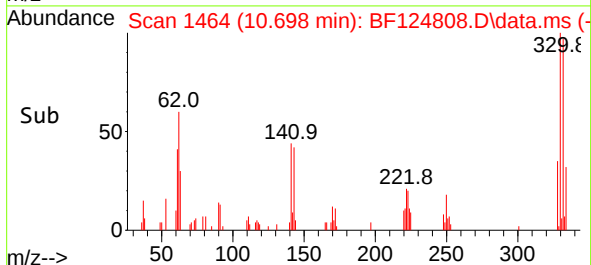
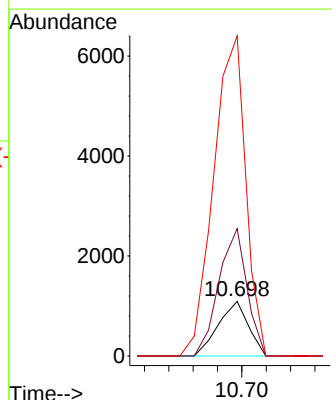
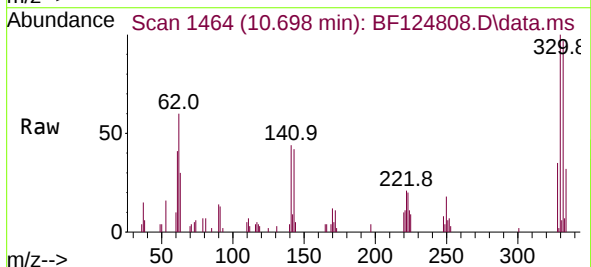
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

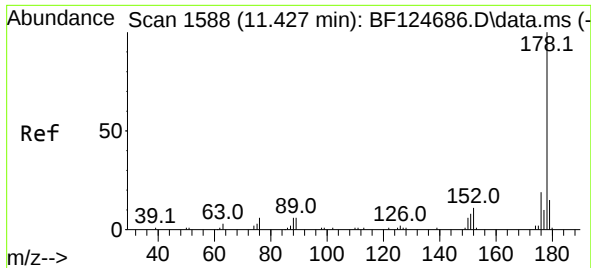
Tgt Ion:188 Resp: 27218
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 7.3 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion:248 Resp: 935
Ion Ratio Lower Upper
248 100
250 233.2 74.2 111.4#
141 585.7 60.4 90.6#

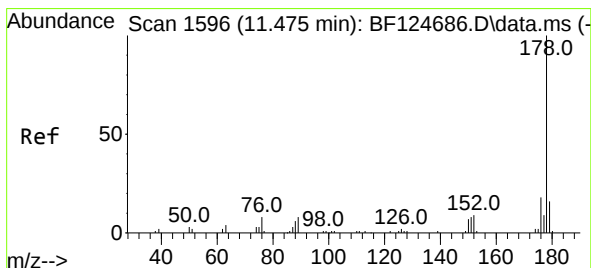
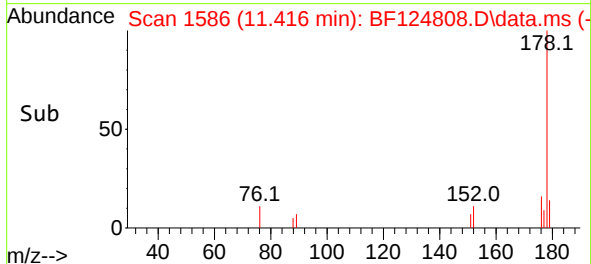
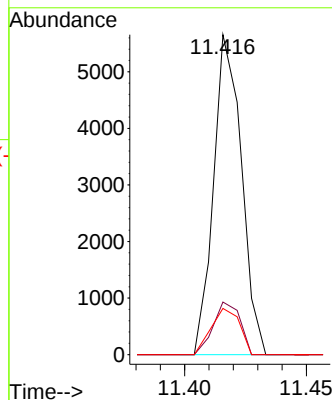
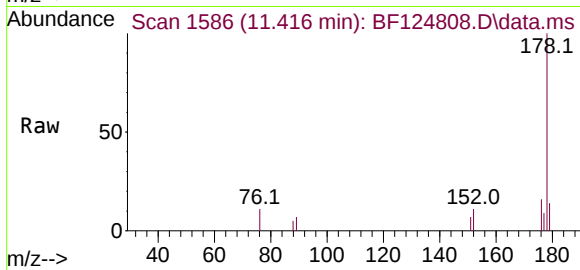




#71
Phenanthrene
Concen: 3.07 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

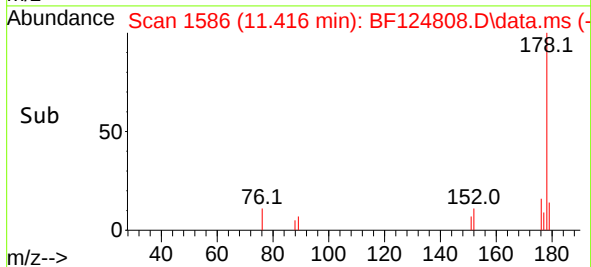
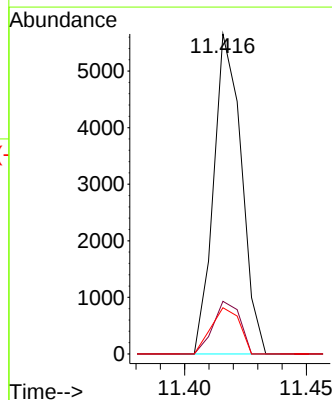
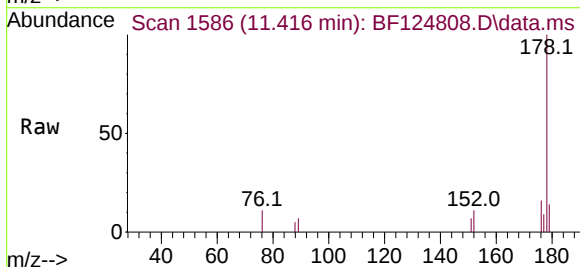
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

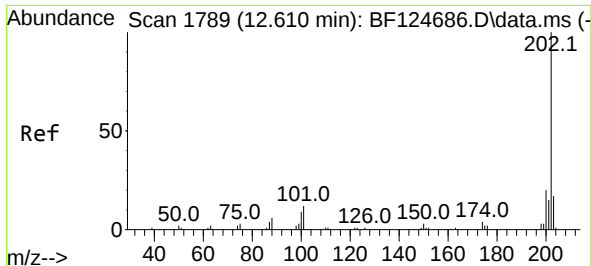
Tgt Ion:178	Resp:	4500
Ion Ratio	Lower	Upper
178	100	
176	16.4	14.7 22.1
179	14.4	11.5 17.3



#72
Anthracene
Concen: 3.07 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.059 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion:178	Resp:	4500
Ion Ratio	Lower	Upper
178	100	
176	16.4	14.3 21.5
179	14.4	12.2 18.4

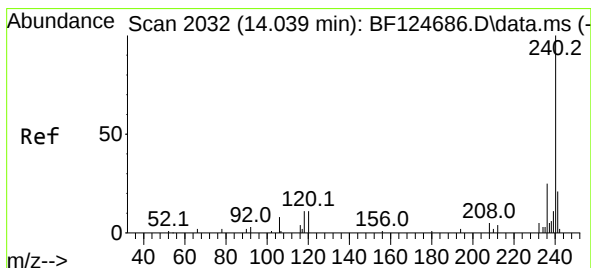
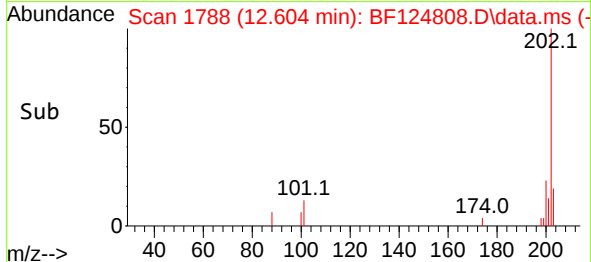
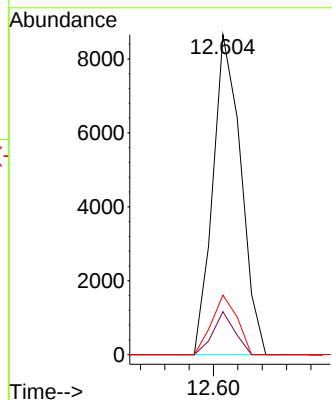
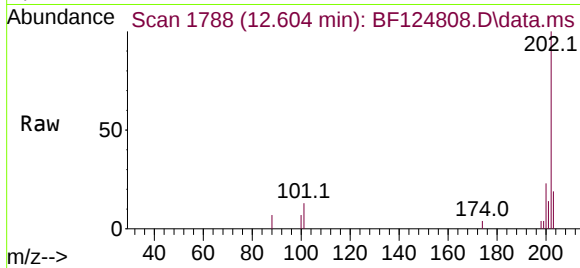




#75
Fluoranthene
Concen: 4.64 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

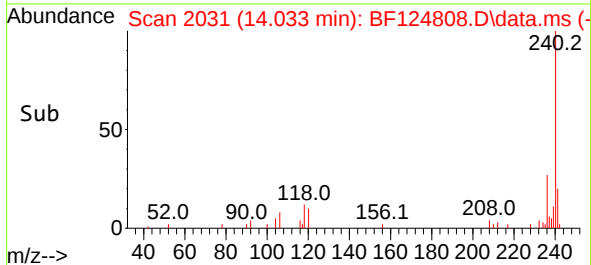
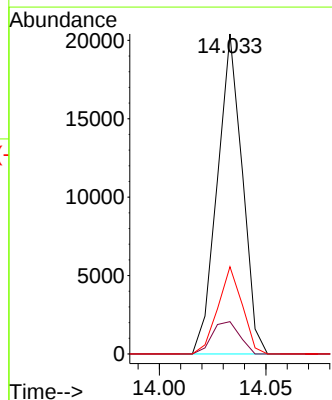
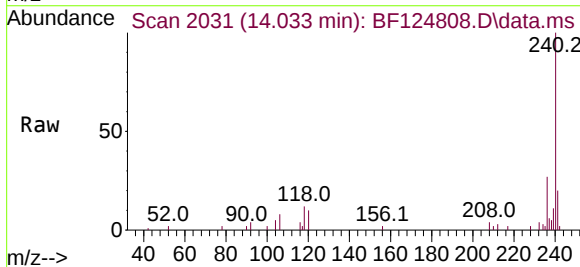
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

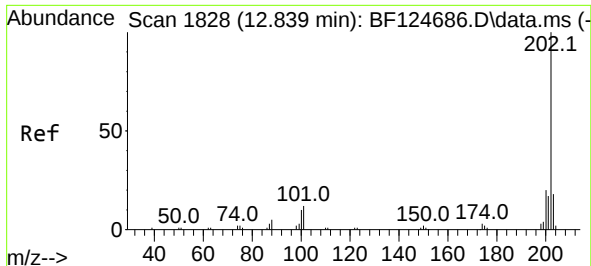
Tgt Ion:202 Resp: 6932
Ion Ratio Lower Upper
202 100
101 13.4 0.0 30.7
203 18.6 0.0 36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion:240 Resp: 16615
Ion Ratio Lower Upper
240 100
120 10.1 10.8 16.2#
236 27.2 21.6 32.4

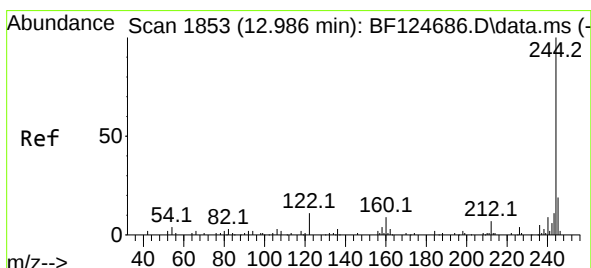
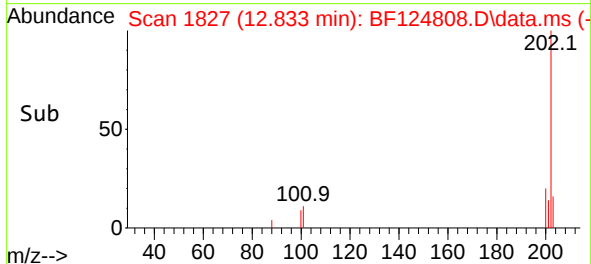
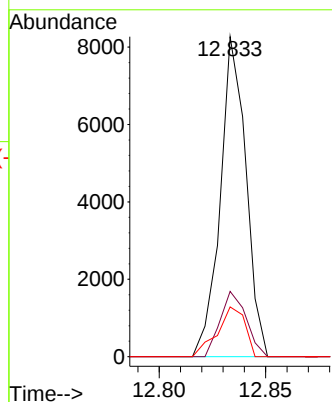
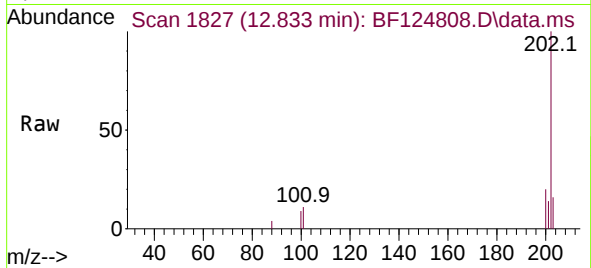




#78
Pyrene
Concen: 5.27 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

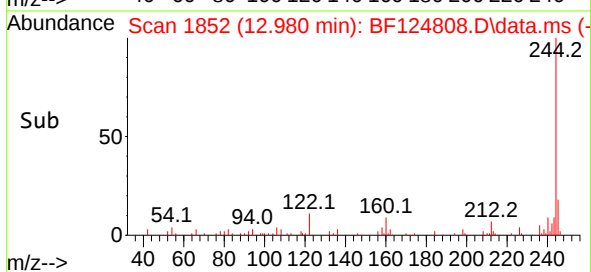
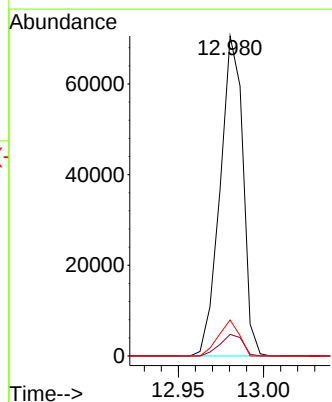
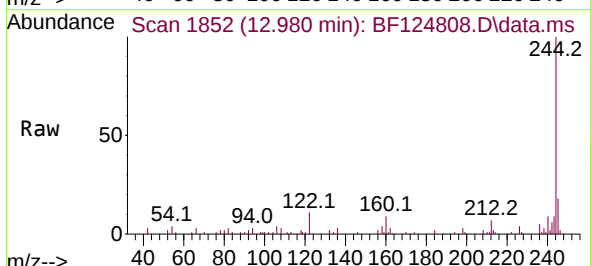
Instrument :
BNA_F
ClientSampled :
STOCK-PILE-2

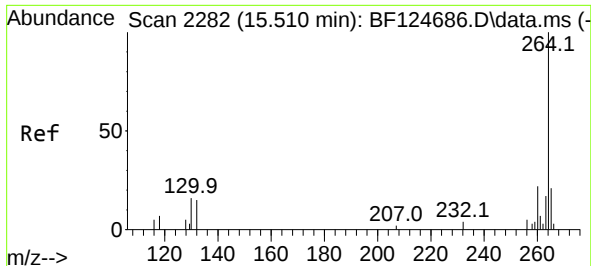
Tgt Ion:202	Resp:	6932
Ion Ratio	Lower	Upper
202	100	
200	20.4	15.3 22.9
203	15.6	13.4 20.0



#79
Terphenyl-d14
Concen: 67.76 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion:244	Resp:	65675
Ion Ratio	Lower	Upper
244	100	
212	6.7	5.9 8.9
122	11.3	9.0 13.4



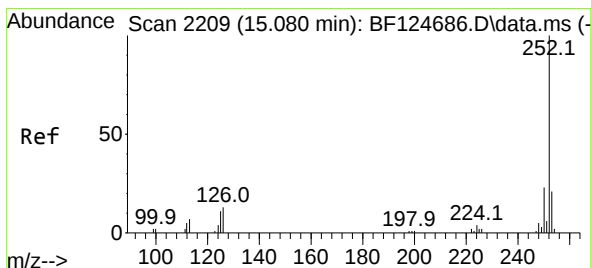
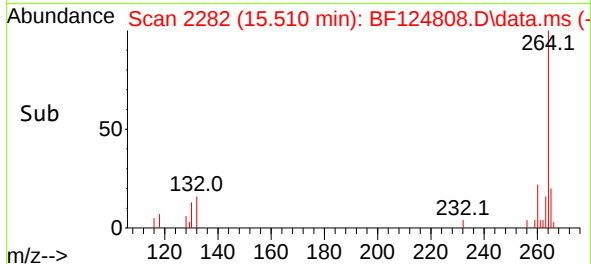
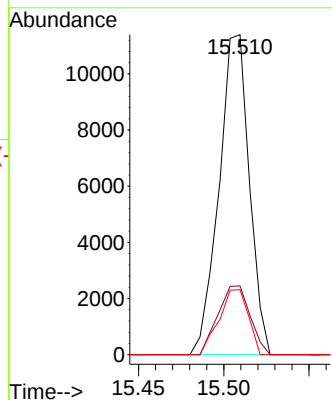
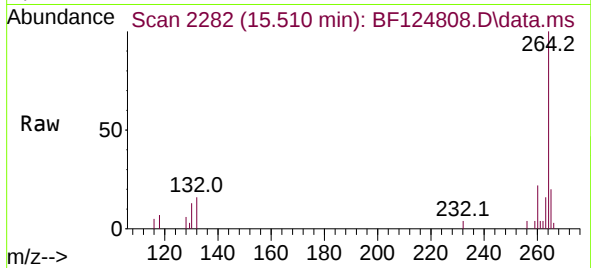


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

Tgt Ion:264 Resp: 14078

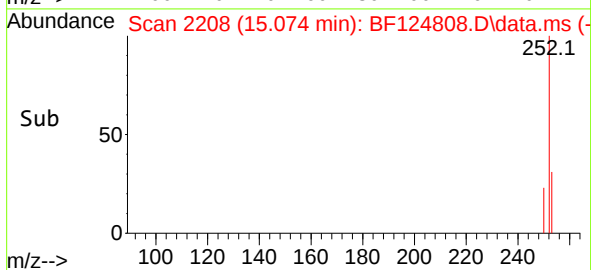
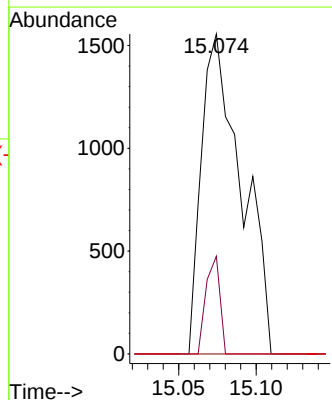
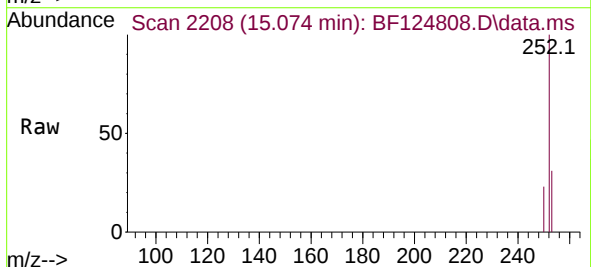
Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.6	29.4
265	20.3	17.2	25.8

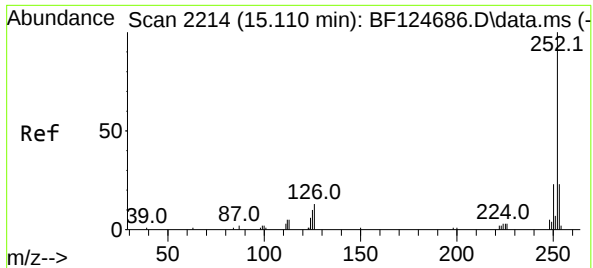


#88
Benzo(b)fluoranthene
Concen: 2.82 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion:252 Resp: 2793

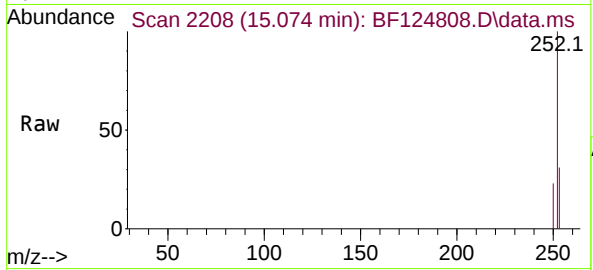
Ion	Ratio	Lower	Upper
252	100		
253	30.5	16.8	25.2#
125	0.0	9.8	14.8#





#89
Benzo(k)fluoranthene
Concen: 3.08 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.035 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2



Tgt Ion:252 Resp: 2793
Ion Ratio Lower Upper
252 100
253 30.5 17.8 26.8#
125 0.0 7.2 10.8#

