

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124745.D
 Acq On : 24 Jul 2021 13:51
 Operator : JU/CG
 Sample : M3143-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1

Quant Time: Jul 25 04:28:21 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)

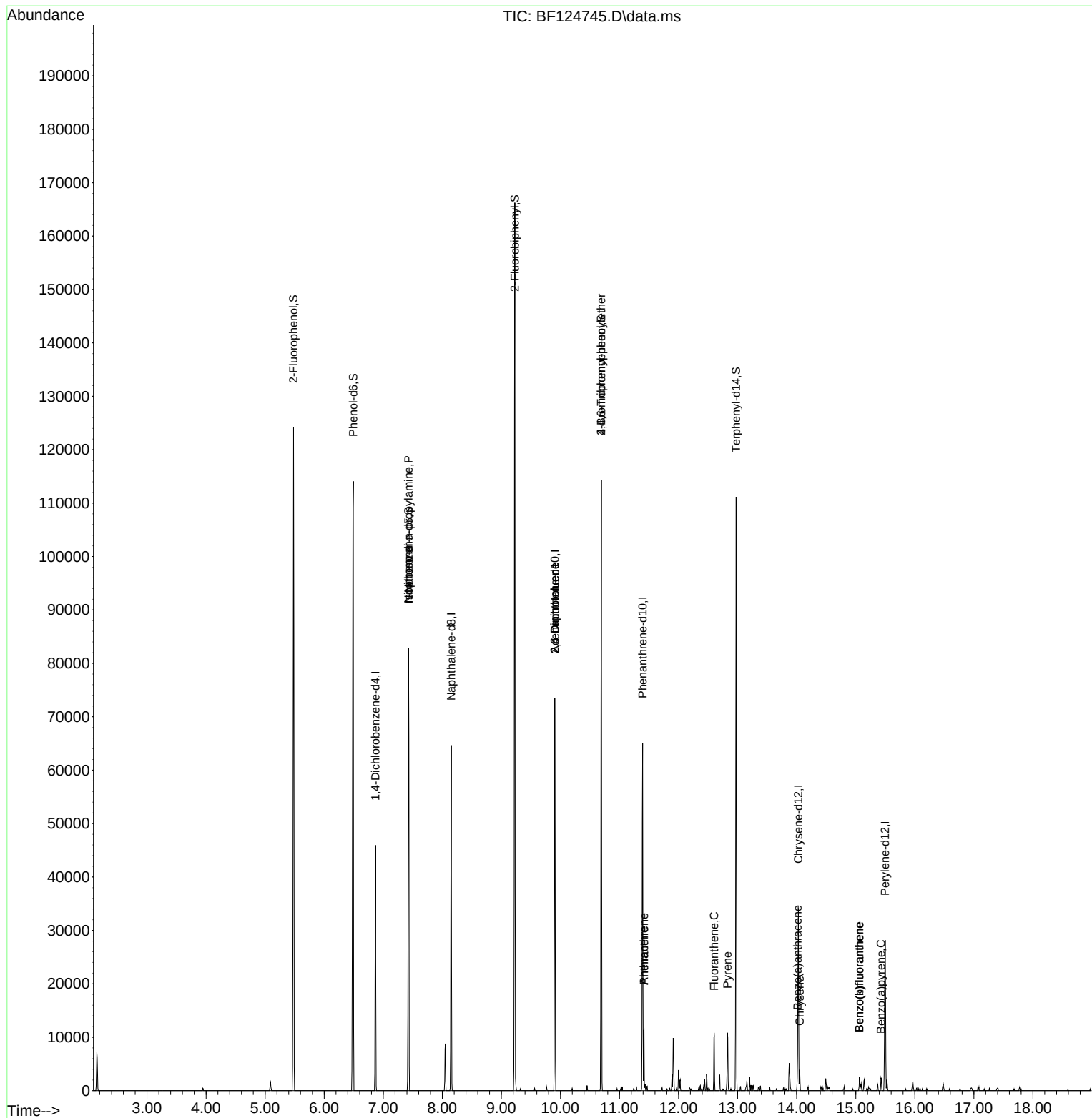
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6657	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	26014	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	14238	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	23847	20.000	ng	0.00
76) Chrysene-d12	14.027	240	12210	20.000	ng	-0.01
86) Perylene-d12	15.498	264	13456	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	32325	82.216	ng	0.00
7) Phenol-d6	6.492	99	39795	80.737	ng	0.00
23) Nitrobenzene-d5	7.428	82	25162	57.568	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	9660	79.020	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	48864	50.407	ng	0.00
79) Terphenyl-d14	12.974	244	33305	46.756	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	3438	13.062	ng	# 68
25) Isophorone	7.428	82	25161	32.556	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1731	7.992	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1731	5.889	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	776	3.068	ng	# 1
71) Phenanthrene	11.416	178	5249	4.092	ng	94
72) Anthracene	11.416	178	5249	4.094	ng	96
75) Fluoranthene	12.604	202	5276	4.031	ng	94
78) Pyrene	12.827	202	5528	5.719	ng	97
81) Benzo(a)anthracene	14.015	228	1655	2.074	ng	# 88
83) Chrysene	14.051	228	1968	2.559	ng	# 91
88) Benzo(b)fluoranthene	15.062	252	2914	3.076	ng	# 80
89) Benzo(k)fluoranthene	15.062	252	2914	3.366	ng	# 85
90) Benzo(a)pyrene	15.427	252	1637	2.068	ng	# 87

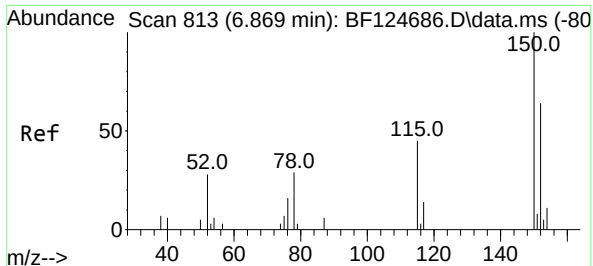
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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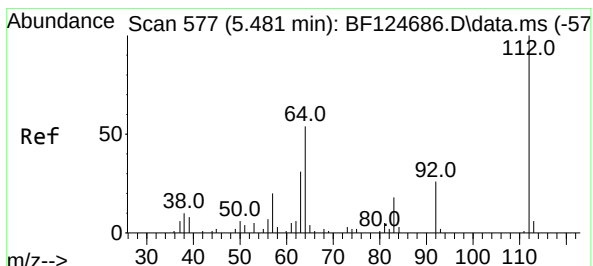
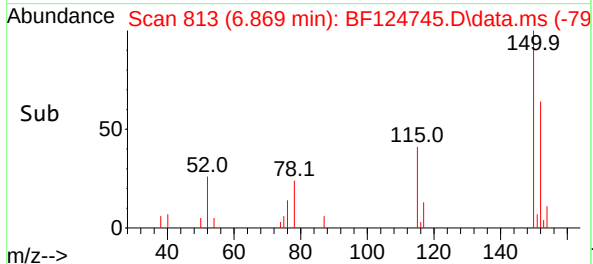
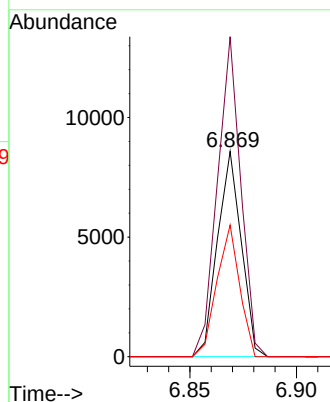
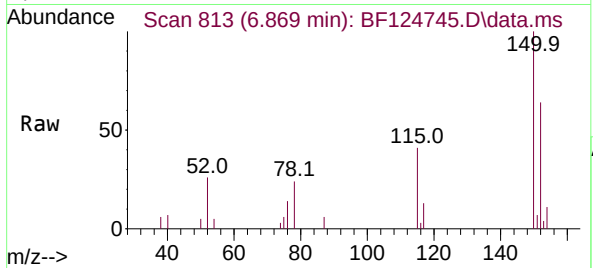




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

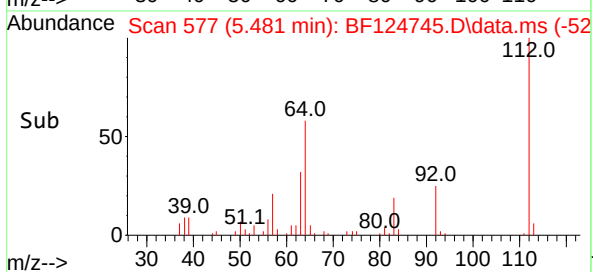
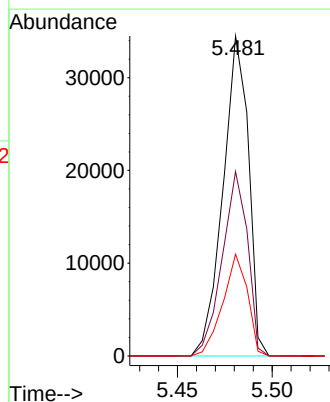
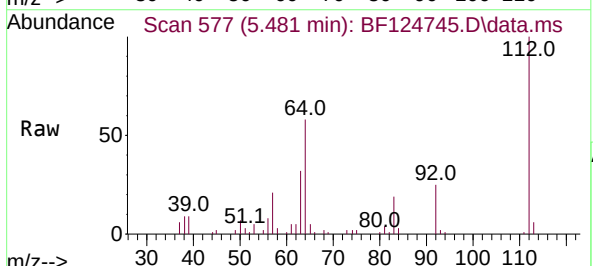
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

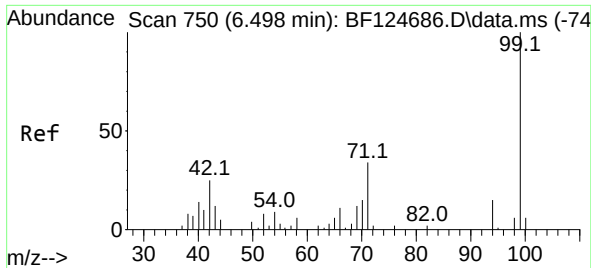
Tgt Ion:152 Resp: 6657
Ion Ratio Lower Upper
152 100
150 155.9 117.6 176.4
115 64.2 47.1 70.7



#5
2-Fluorophenol
Concen: 82.216 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion:112 Resp: 32325
Ion Ratio Lower Upper
112 100
64 57.7 44.2 66.2
63 31.8 26.2 39.2

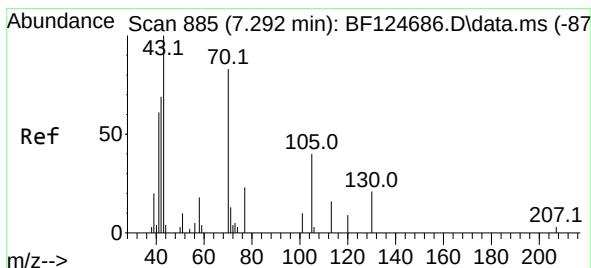
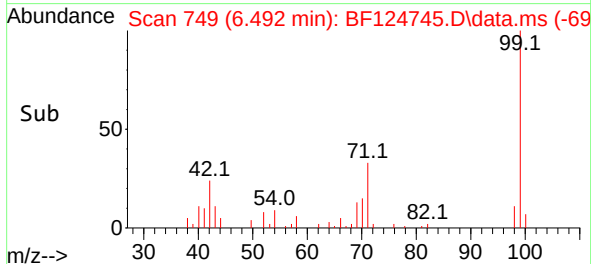
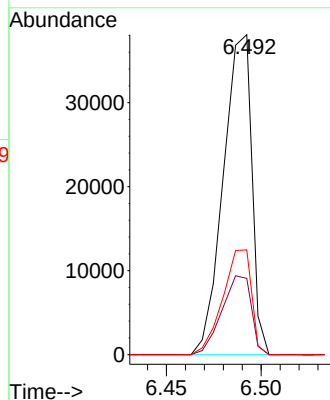
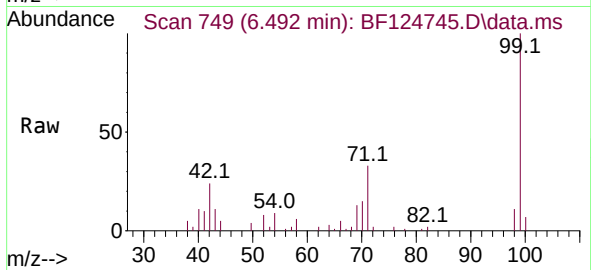




#7
Phenol-d6
Concen: 80.737 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

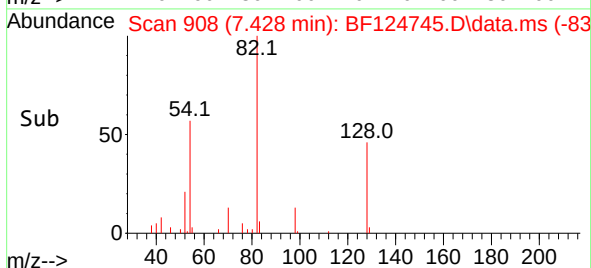
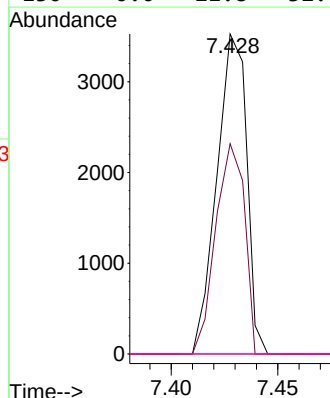
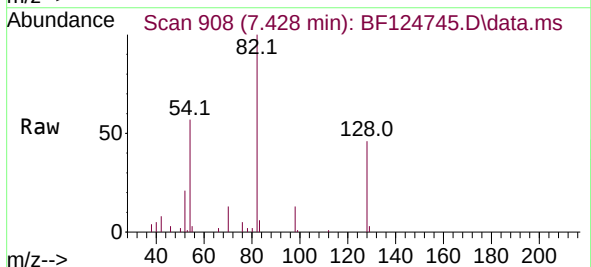
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

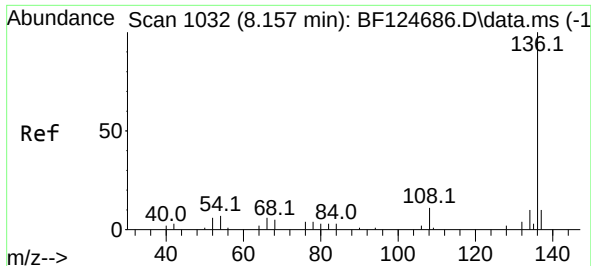
Tgt Ion:	99	Resp:	39795
Ion	Ratio	Lower	Upper
99	100		
42	23.8	23.5	35.3
71	32.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.062 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion:	70	Resp:	3438
Ion	Ratio	Lower	Upper
70	100		
42	65.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

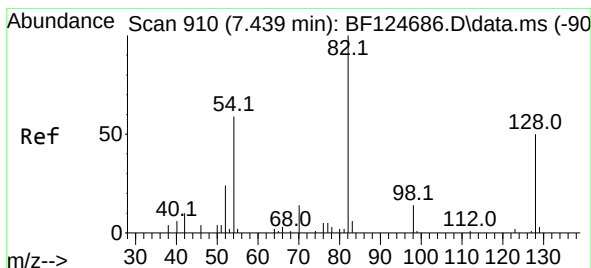
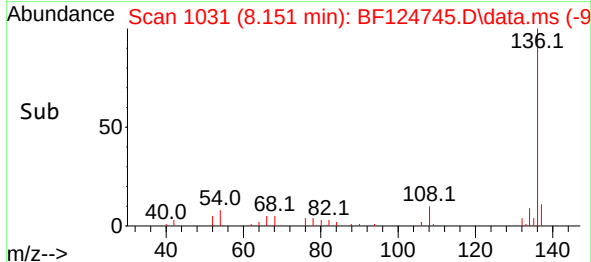
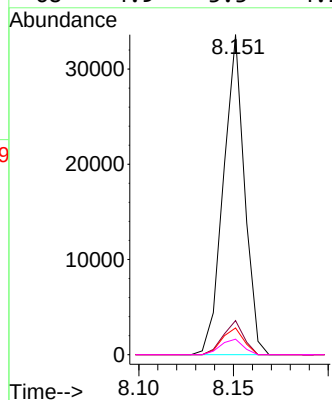
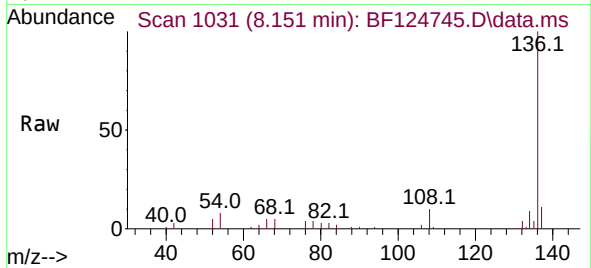




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

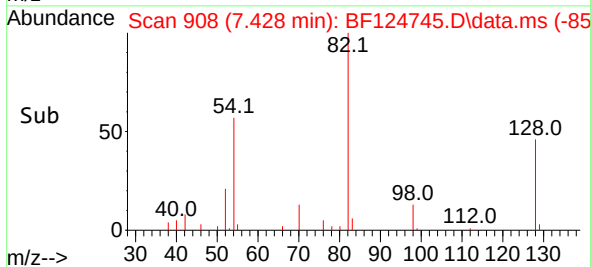
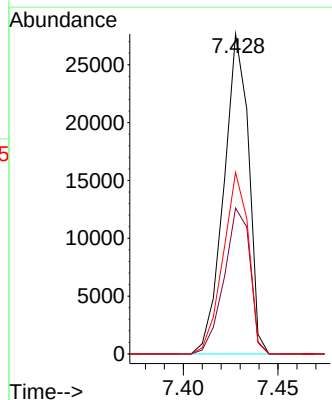
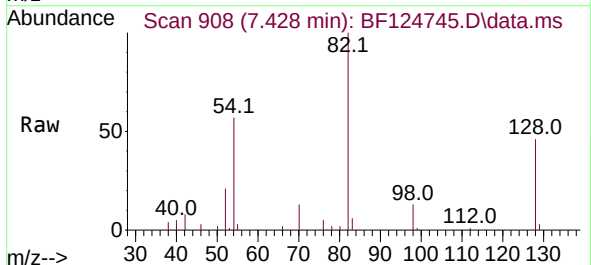
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

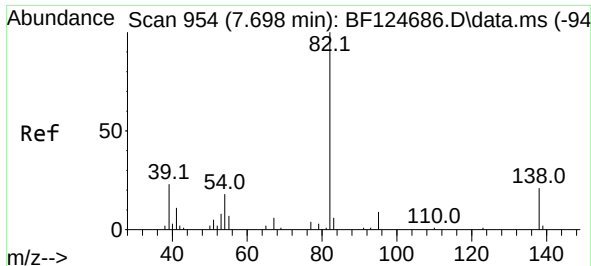
Tgt Ion:	136	Resp:	26014
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	8.3	6.4	9.6
68	4.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 57.568 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion:	82	Resp:	25162
Ion	Ratio	Lower	Upper
82	100		
128	45.6	40.6	60.8
54	56.7	49.6	74.4

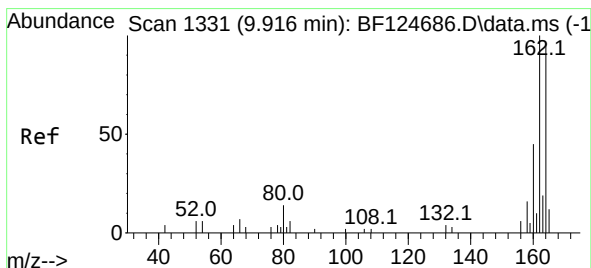
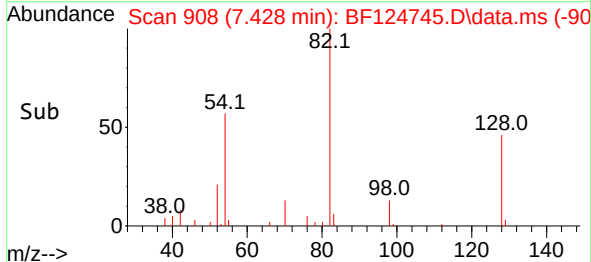
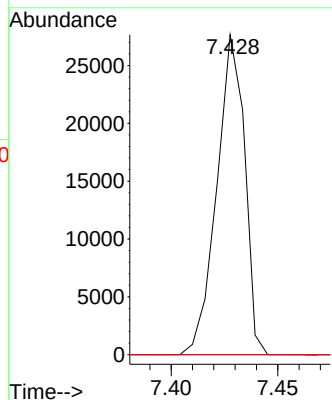
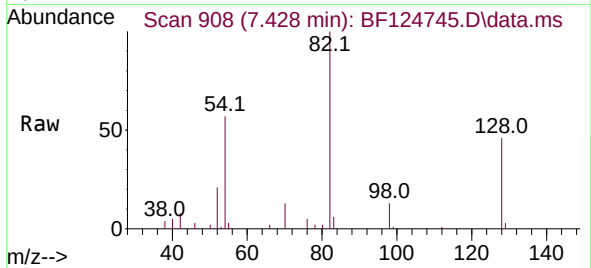




#25
Isophorone
Concen: 32.556 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

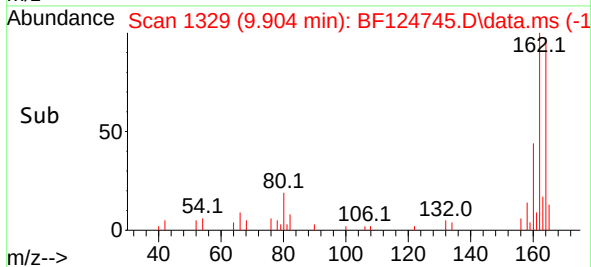
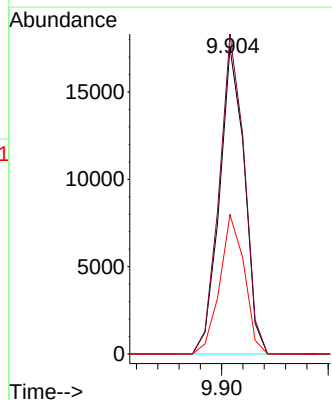
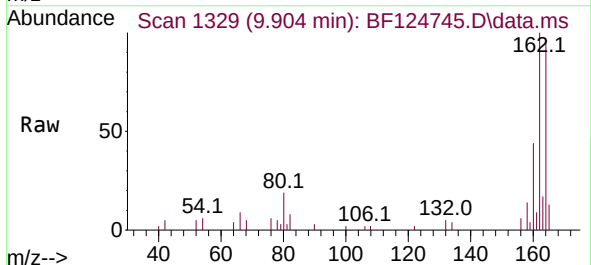
Instrument :
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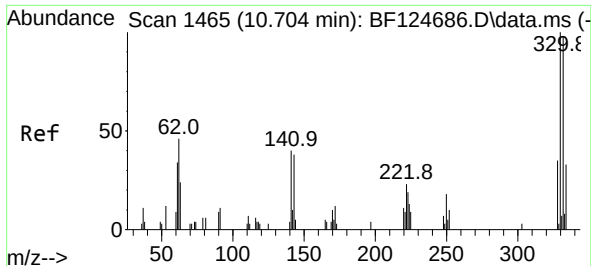
Tgt Ion: 82 Resp: 25161
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

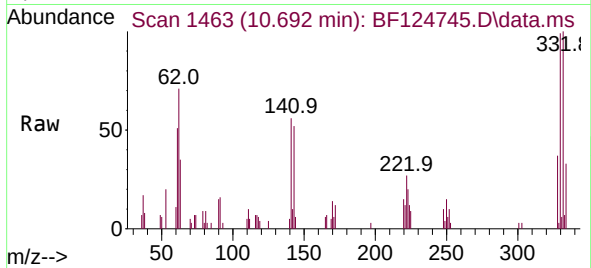
Tgt Ion: 164 Resp: 14238
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 45.4 38.0 57.0



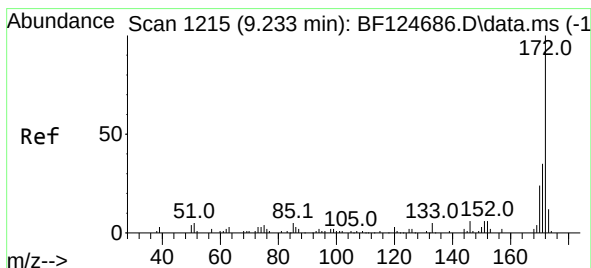
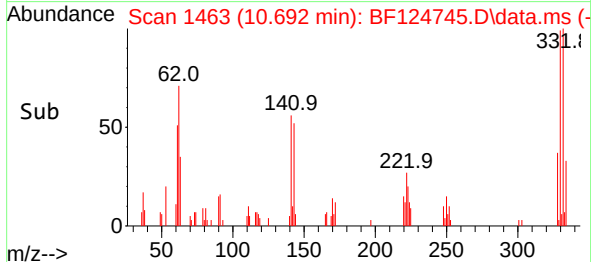
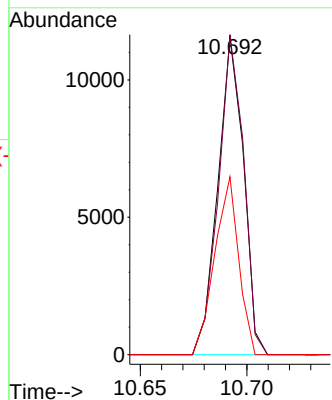


#42
2,4,6-Tribromophenol
Concen: 79.020 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

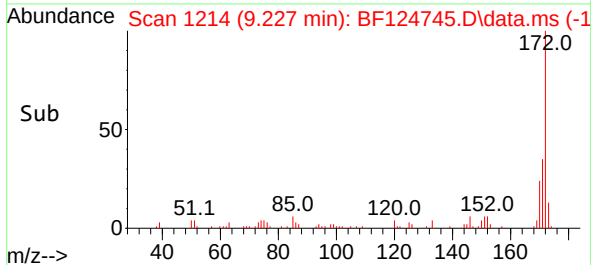
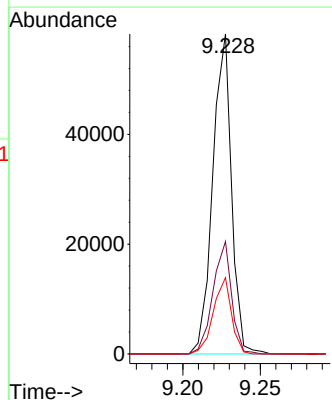
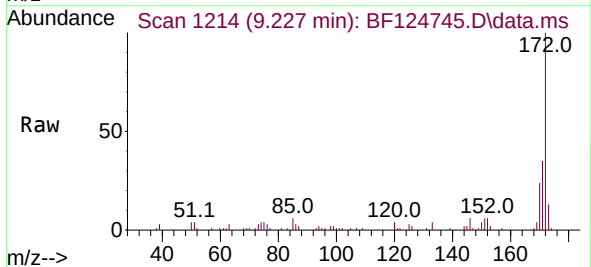


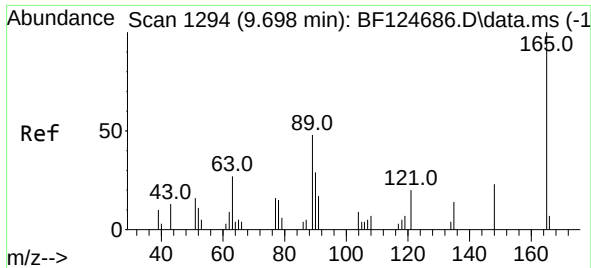
Tgt Ion: 330 Resp: 9660
Ion Ratio Lower Upper
330 100
332 99.0 76.2 114.4
141 52.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 50.407 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion: 172 Resp: 48864
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.9 18.8 28.2

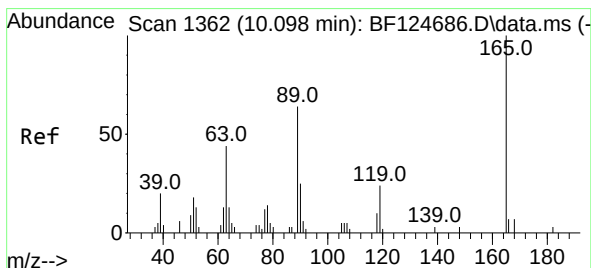
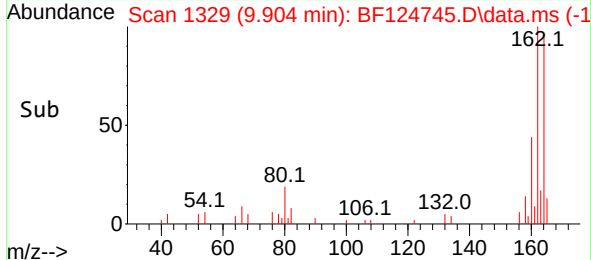
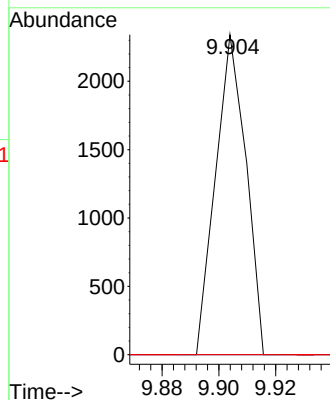
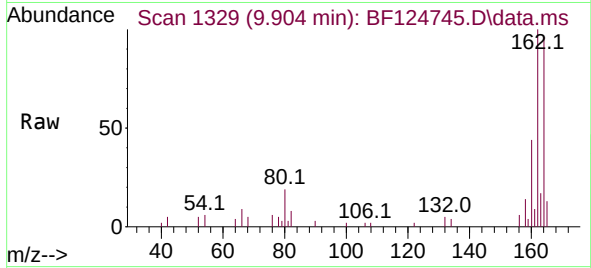




#51
2,6-Dinitrotoluene
Concen: 7.992 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

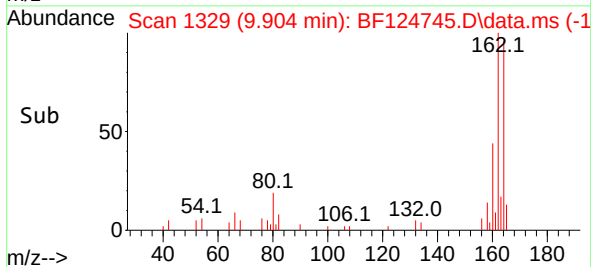
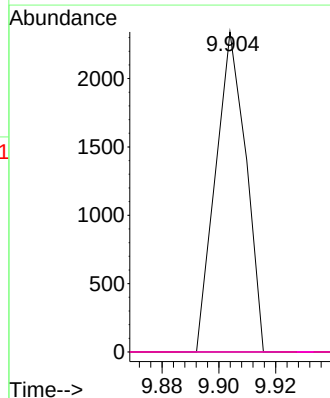
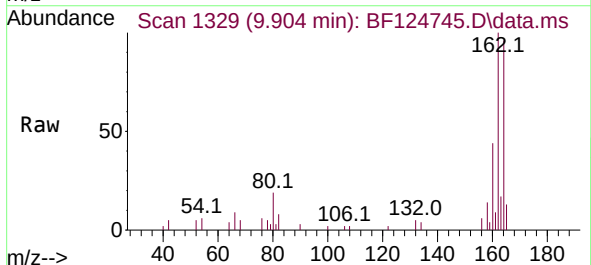
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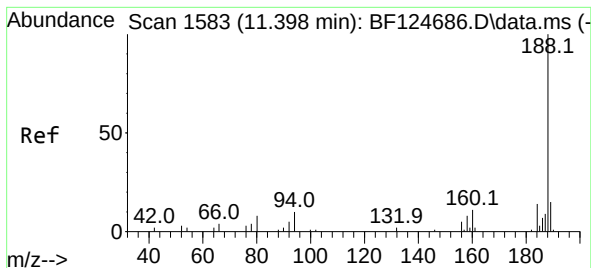
Tgt Ion:165 Resp: 1731
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.889 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion:165 Resp: 1731
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

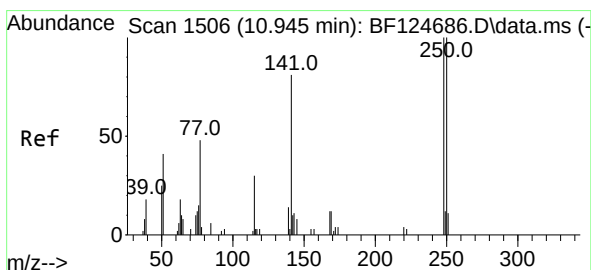
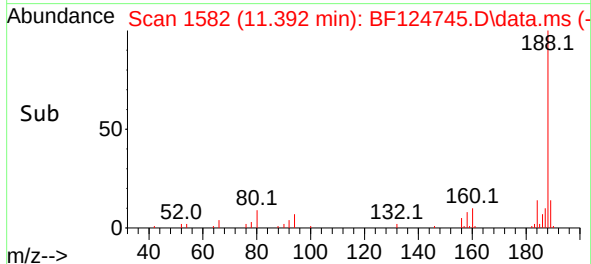
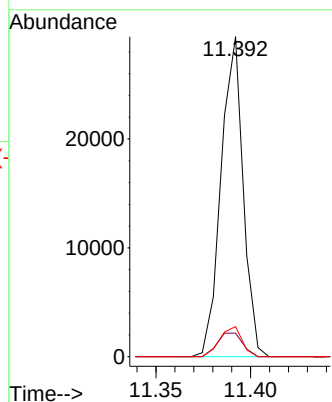
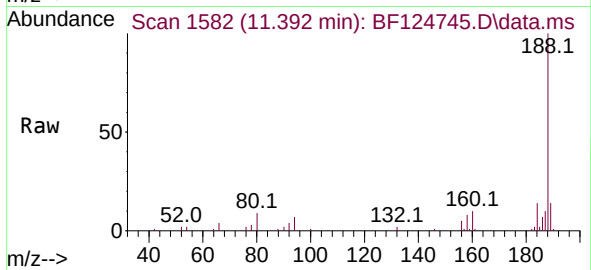




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

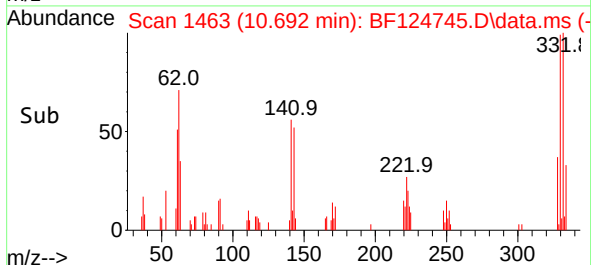
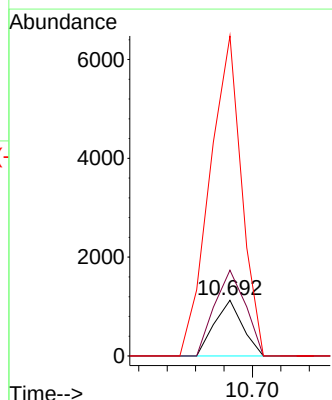
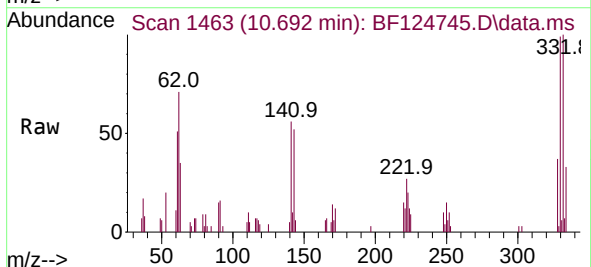
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

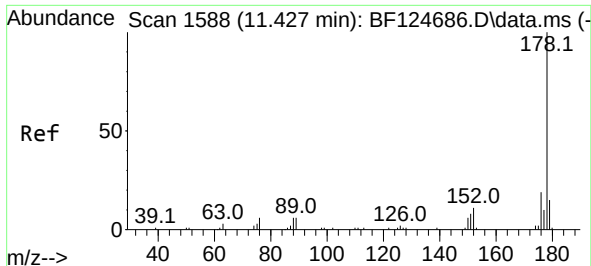
Tgt Ion:188 Resp: 23847
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 9.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.068 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion:248 Resp: 776
Ion Ratio Lower Upper
248 100
250 154.0 74.2 111.4#
141 574.6 60.4 90.6#

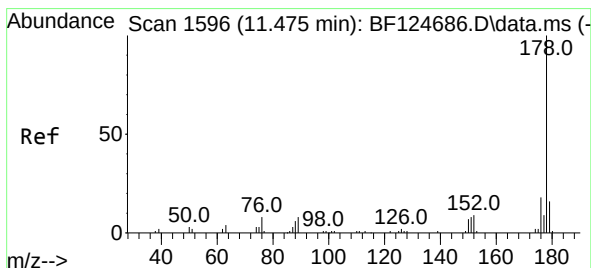
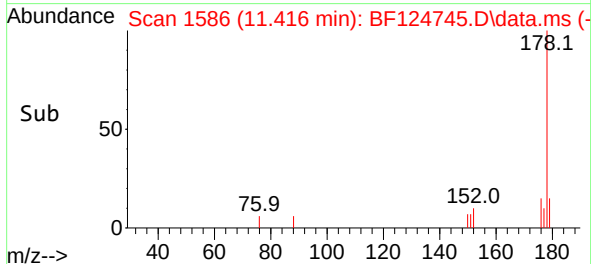
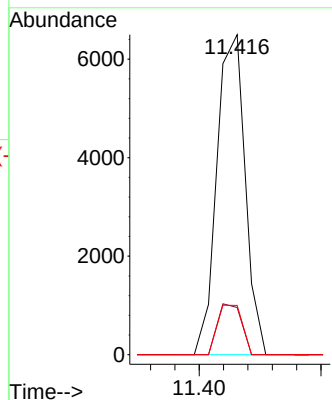
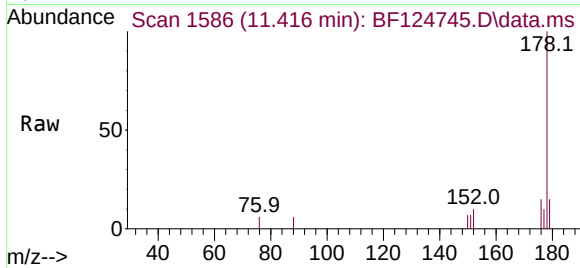




#71
Phenanthrene
Concen: 4.092 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

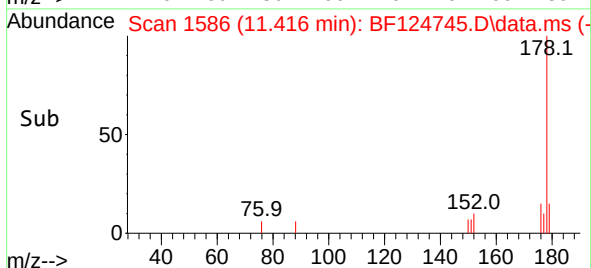
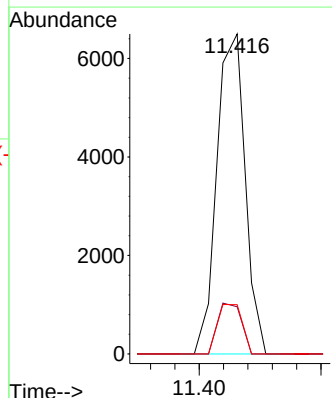
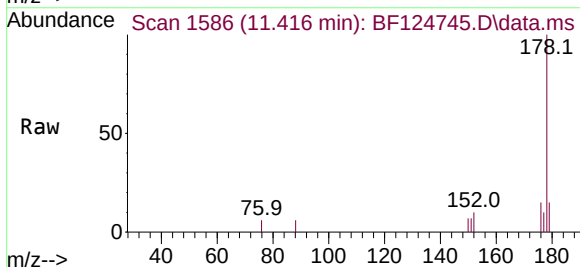
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

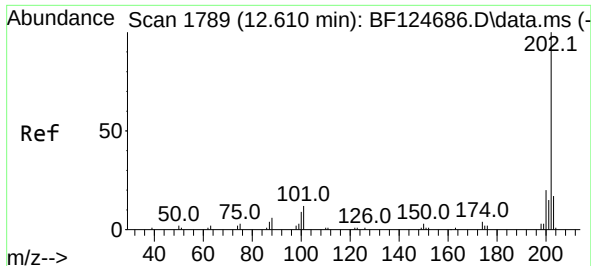
Tgt Ion:178 Resp: 5249
Ion Ratio Lower Upper
178 100
176 14.7 14.7 22.1
179 15.4 11.5 17.3



#72
Anthracene
Concen: 4.094 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.059 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion:178 Resp: 5249
Ion Ratio Lower Upper
178 100
176 14.7 14.3 21.5
179 15.4 12.2 18.4

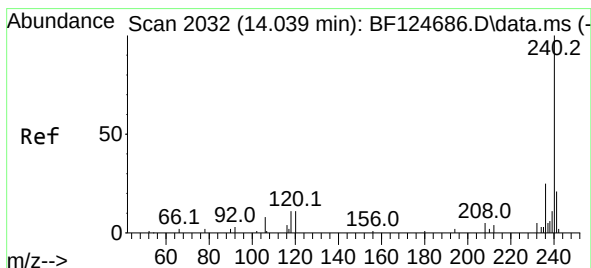
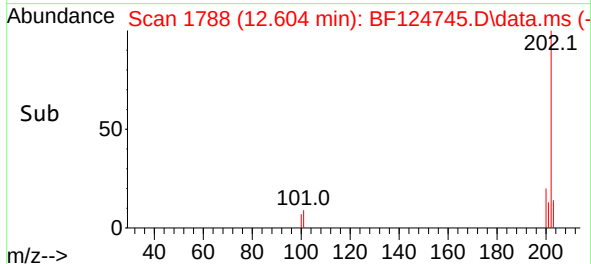
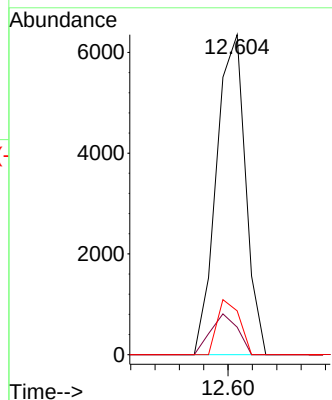
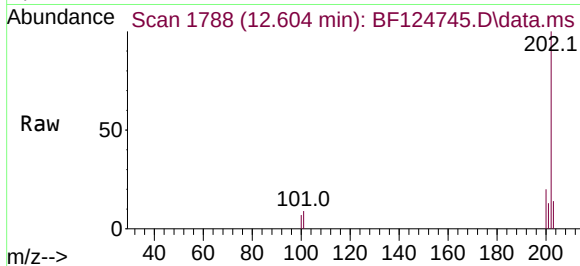




#75
Fluoranthene
Concen: 4.031 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

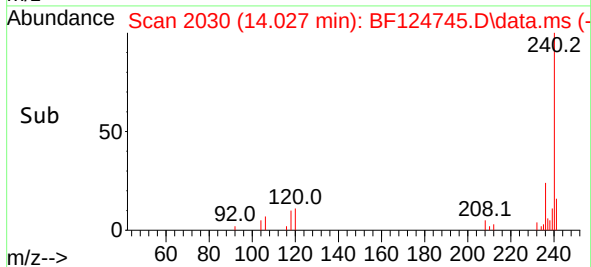
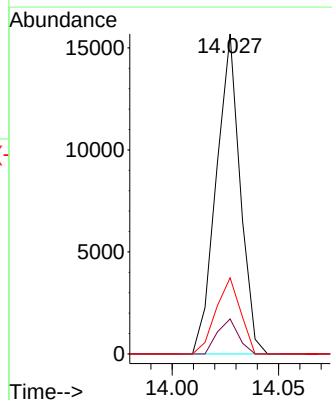
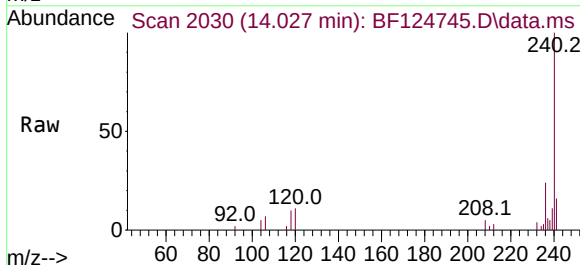
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

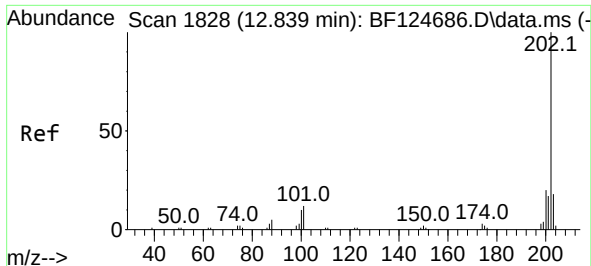
Tgt Ion:202	Resp:	5276
Ion Ratio	Lower	Upper
202	100	
101	8.6	0.0 30.7
203	13.7	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion:240	Resp:	12210
Ion Ratio	Lower	Upper
240	100	
120	10.9	10.8 16.2
236	23.8	21.6 32.4

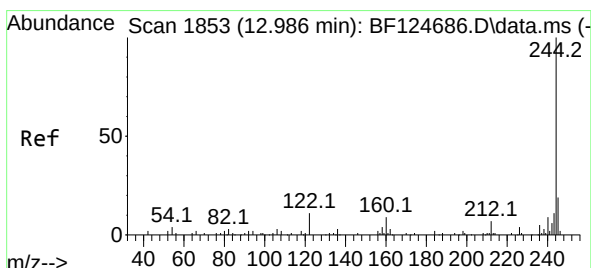
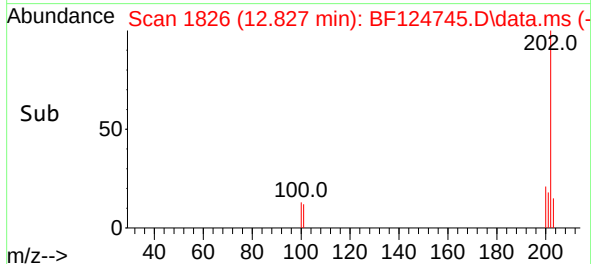
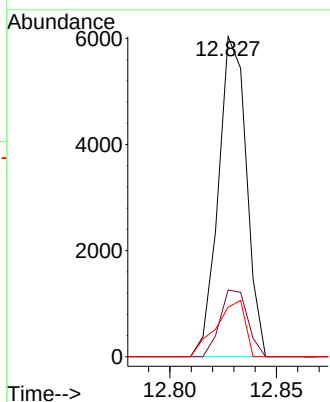
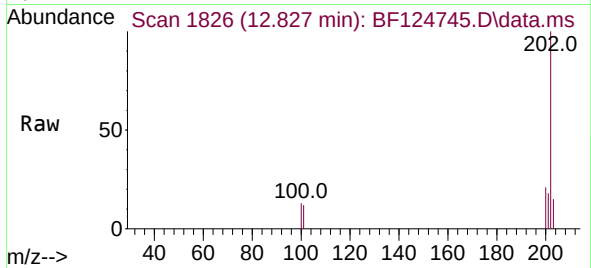




#78
Pyrene
Concen: 5.719 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

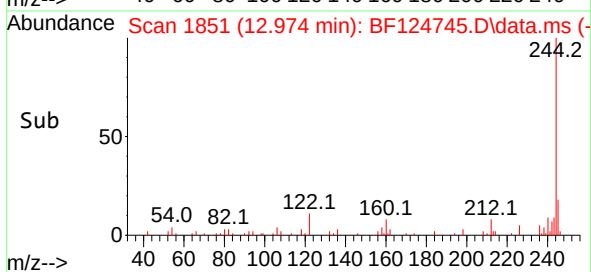
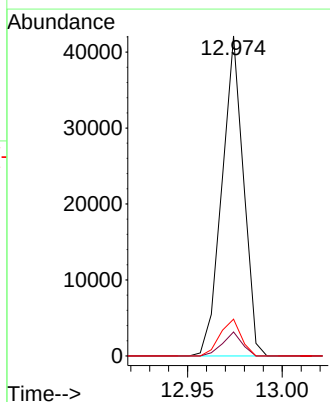
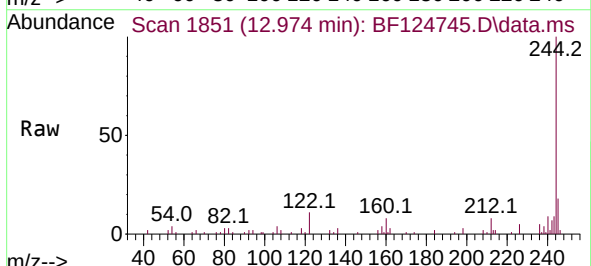
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

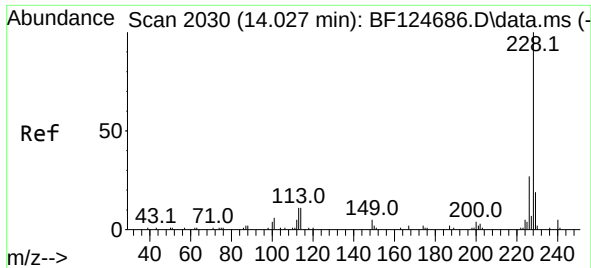
Tgt Ion:202	Resp:	5528
Ion Ratio	Lower	Upper
202	100	
200	20.9	15.3 22.9
203	15.4	13.4 20.0



#79
Terphenyl-d14
Concen: 46.756 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion:244	Resp:	33305
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.9 8.9
122	11.5	9.0 13.4

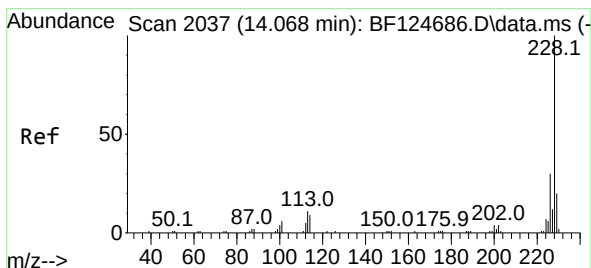
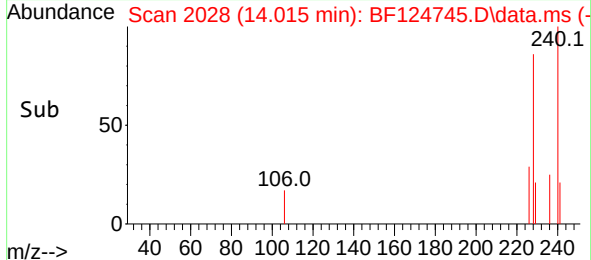
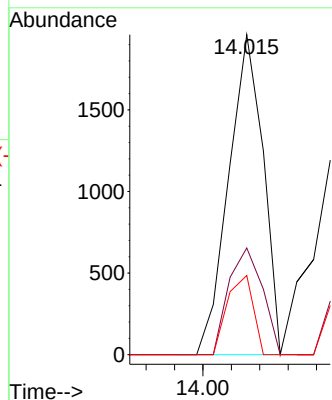
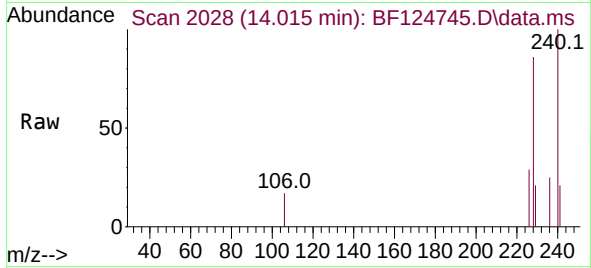




#81
Benzo(a)anthracene
Concen: 2.074 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

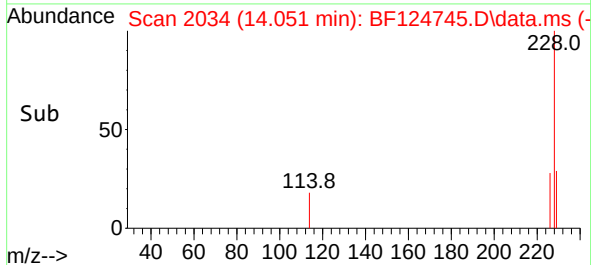
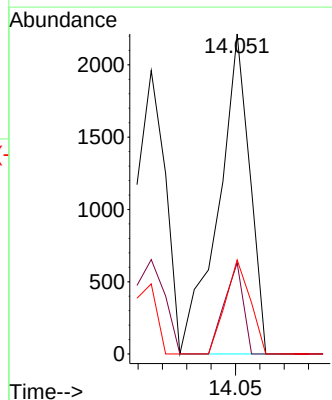
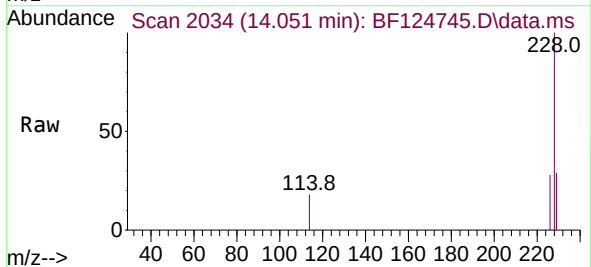
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

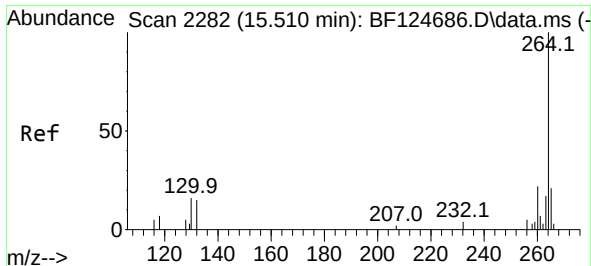
Tgt Ion:228 Resp: 1655
Ion Ratio Lower Upper
228 100
226 33.4 21.6 32.4#
229 24.7 15.6 23.4#



#83
Chrysene
Concen: 2.559 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion:228 Resp: 1968
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 29.4 15.9 23.9#

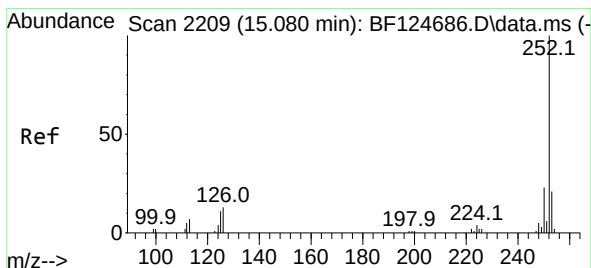
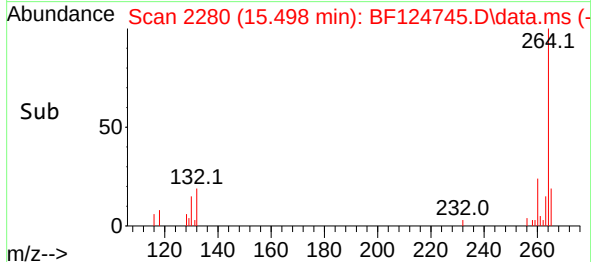
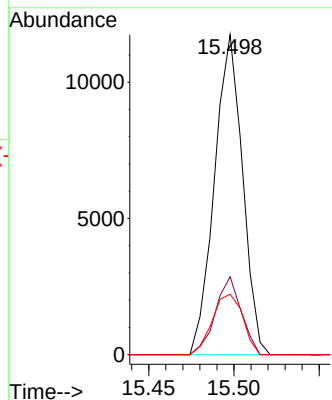
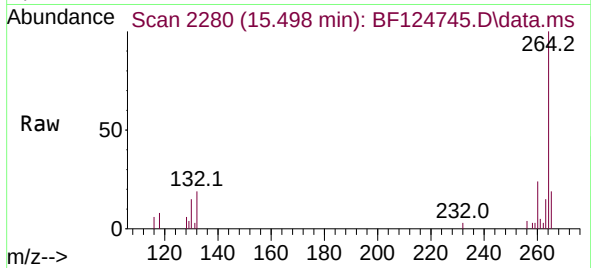




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

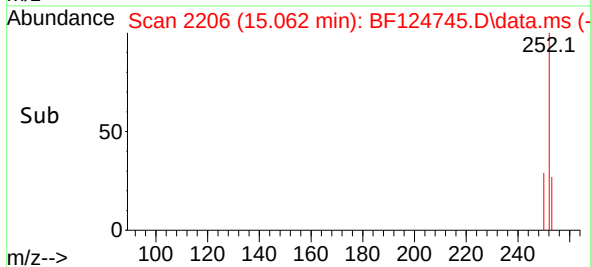
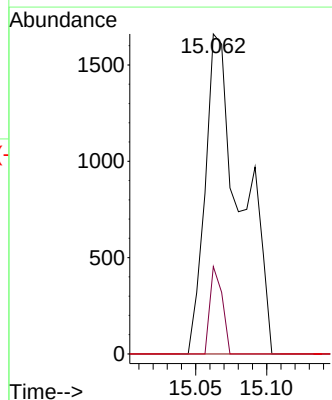
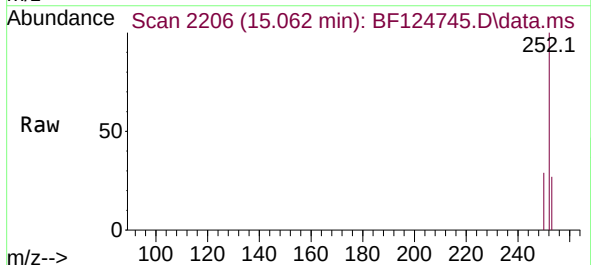
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

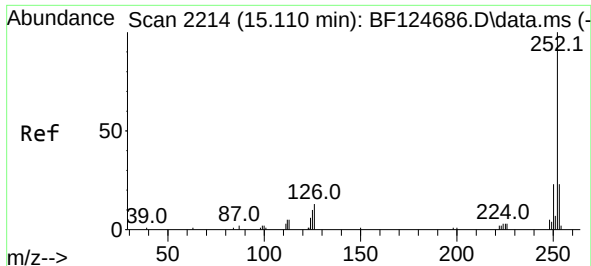
Tgt Ion:264	Resp:	13456
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.6 29.4
265	18.9	17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 3.076 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.018 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion:252	Resp:	2914
Ion Ratio	Lower	Upper
252	100	
253	27.3	16.8 25.2#
125	0.0	9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 3.366 ng

RT: 15.062 min Scan# 2206

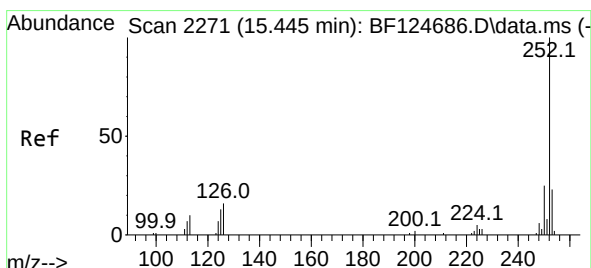
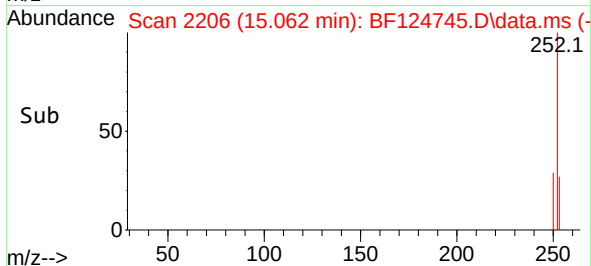
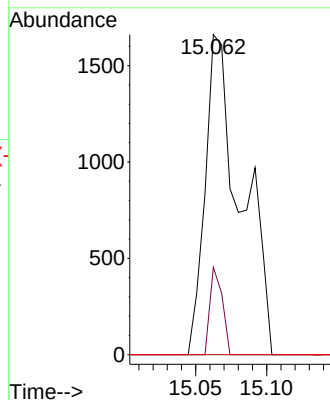
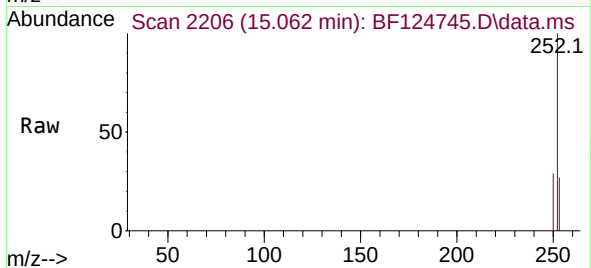
Delta R.T. -0.047 min

Lab File: BF124745.D

Acq: 24 Jul 2021 13:51

Tgt Ion:252	Resp:	2914
Ion Ratio	Lower	Upper
252	100	
253	27.3	17.8 26.8#
125	0.0	7.2 10.8#

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1



#90

Benzo(a)pyrene

Concen: 2.068 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.018 min

Lab File: BF124745.D

Acq: 24 Jul 2021 13:51

Tgt Ion:252	Resp:	1637
Ion Ratio	Lower	Upper
252	100	
253	24.7	18.4 27.6
125	0.0	9.9 14.9#

