

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124773.D
 Acq On : 26 Jul 2021 19:47
 Operator : JU/CG
 Sample : M3143-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-2

Quant Time: Jul 27 04:25:05 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)

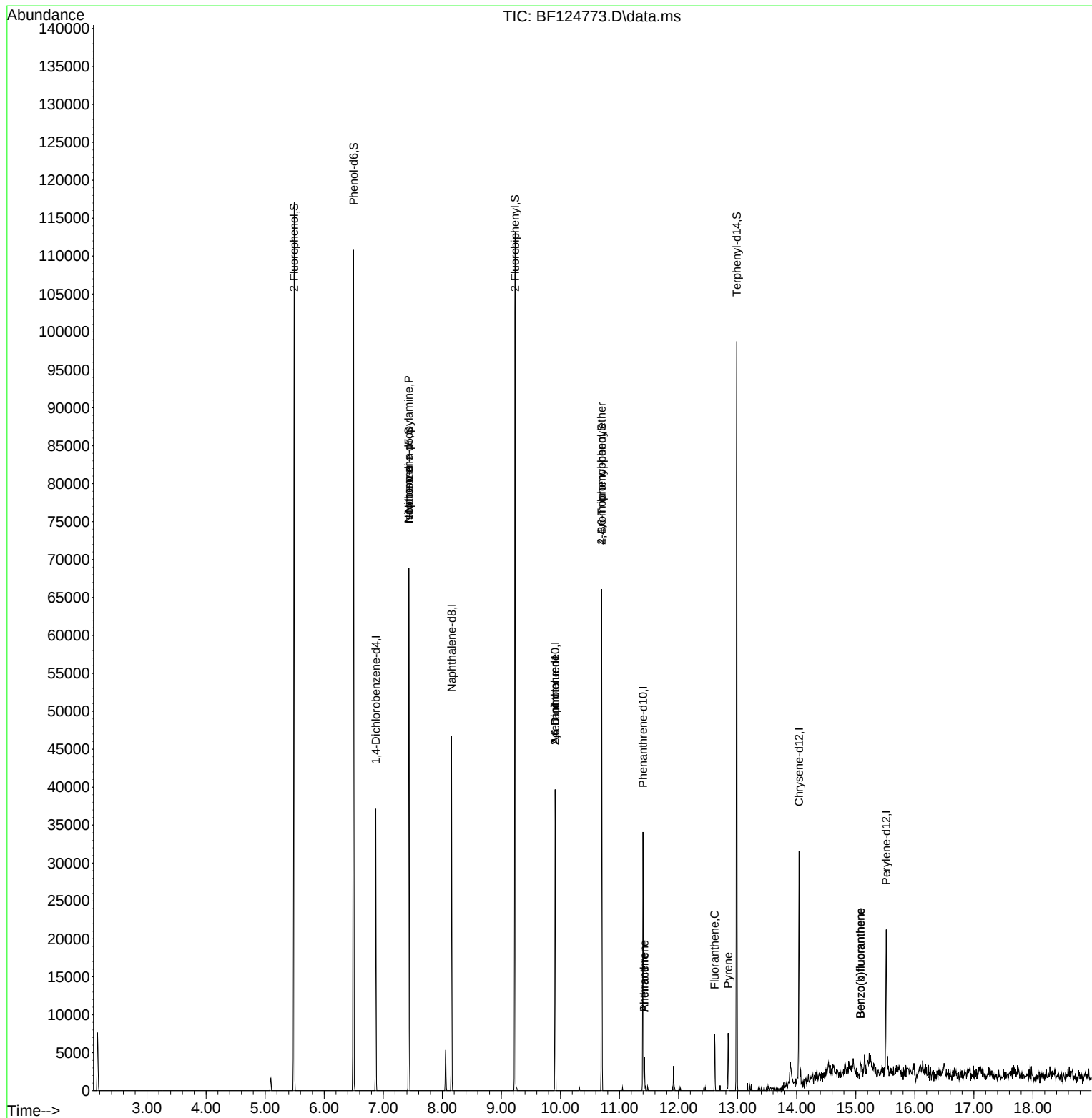
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5344	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	18017	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	8312	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	13157	20.000	ng	0.00
76) Chrysene-d12	14.039	240	11456	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	8554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	28402	89.987	ng	0.01
7) Phenol-d6	6.498	99	31643	79.971	ng	0.00
23) Nitrobenzene-d5	7.434	82	20266	66.947	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	5897	82.630	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	35365	62.491	ng	0.00
79) Terphenyl-d14	12.986	244	31678	47.399	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	2340	11.075	ng	# 76
25) Isophorone	7.434	82	20266	37.861	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1090	8.621	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1090	6.352	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	453	3.246	ng	# 1
71) Phenanthrene	11.422	178	1999	2.825	ng	97
72) Anthracene	11.422	178	1999	2.826	ng	98
75) Fluoranthene	12.610	202	3554	4.922	ng	96
78) Pyrene	12.839	202	3584	3.952	ng	93
88) Benzo(b)fluoranthene	15.080	252	2026	3.364	ng	# 60
89) Benzo(k)fluoranthene	15.080	252	2026	3.682	ng	# 60

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

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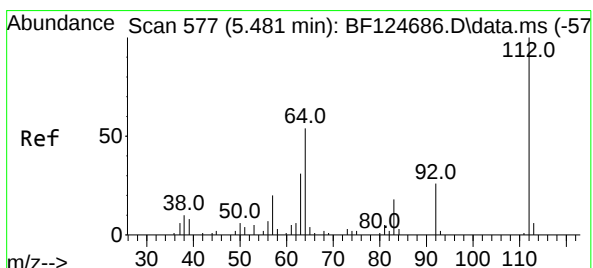
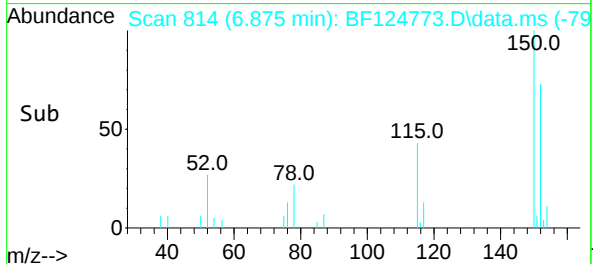
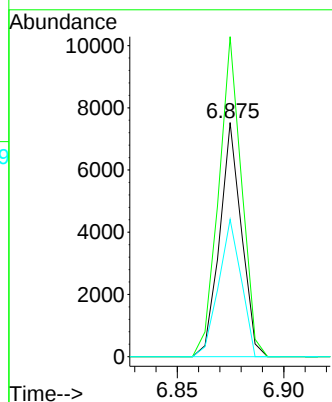
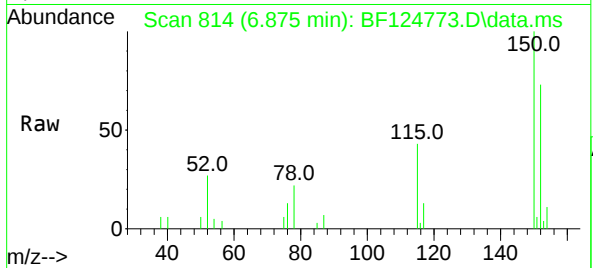




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

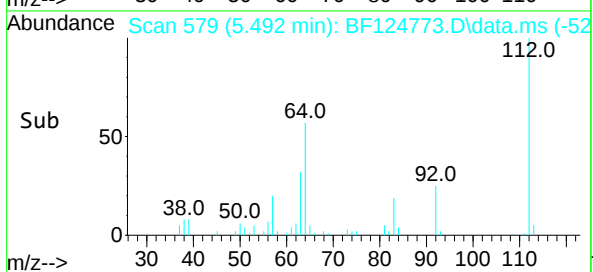
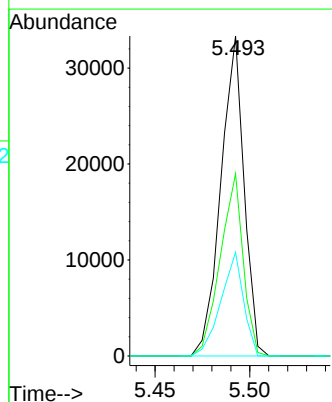
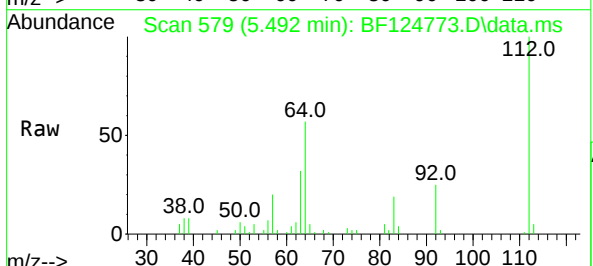
Instrument :
BNA_F
ClientSampled :
STOCK-PILE-2

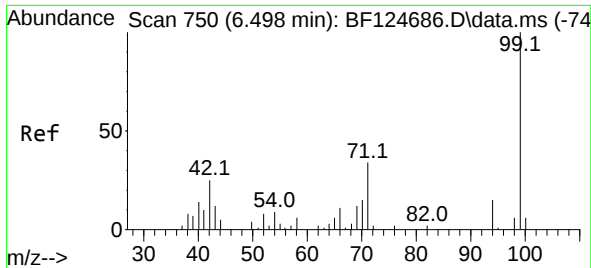
Tgt Ion:152 Resp: 5344
Ion Ratio Lower Upper
152 100
150 136.7 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 89.987 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

Tgt Ion:112 Resp: 28402
Ion Ratio Lower Upper
112 100
64 57.0 44.2 66.2
63 32.4 26.2 39.2

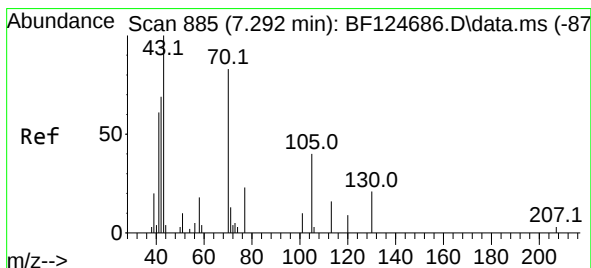
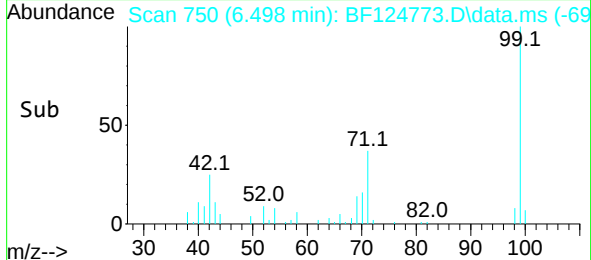
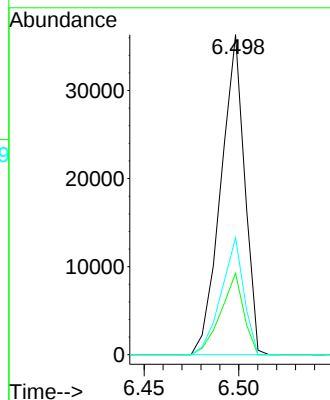
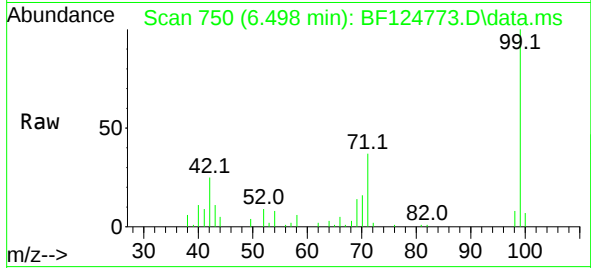




#7
Phenol-d6
Concen: 79.971 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

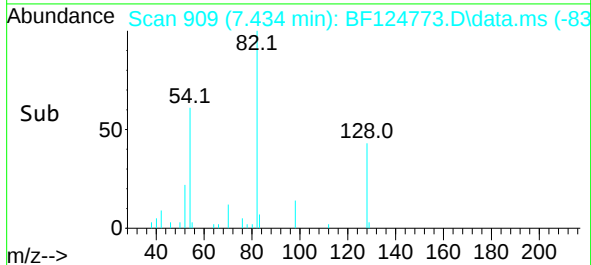
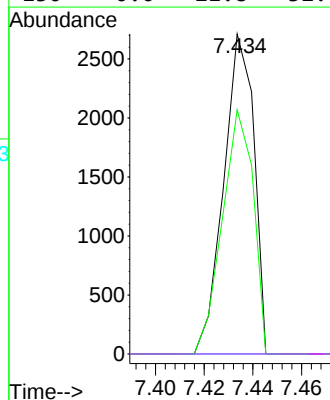
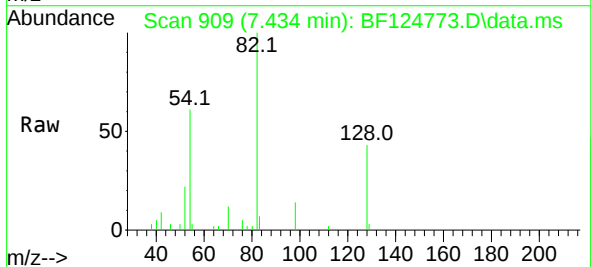
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

Tgt Ion:	99	Resp:	31643
Ion	Ratio	Lower	Upper
99	100		
42	25.5	23.5	35.3
71	36.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.075 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

Tgt Ion:	70	Resp:	2340
Ion	Ratio	Lower	Upper
70	100		
42	76.3	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

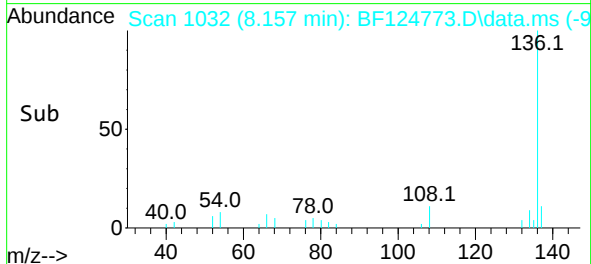
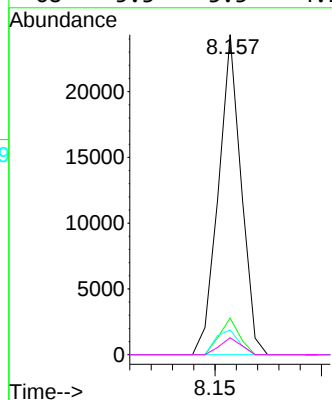
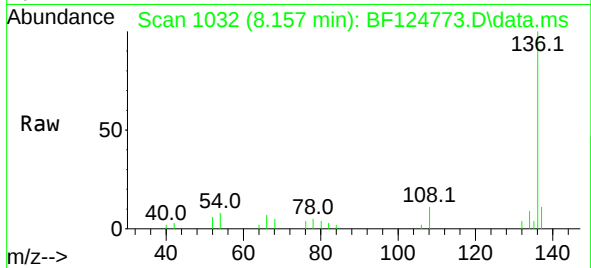




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

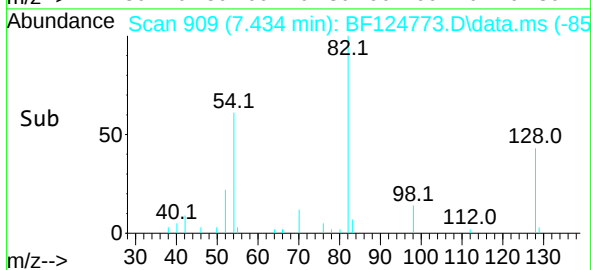
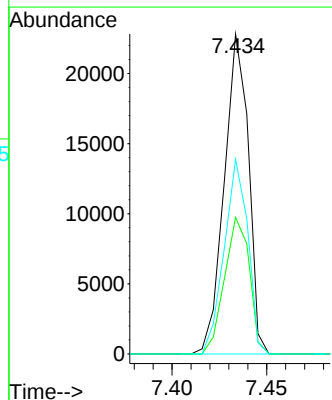
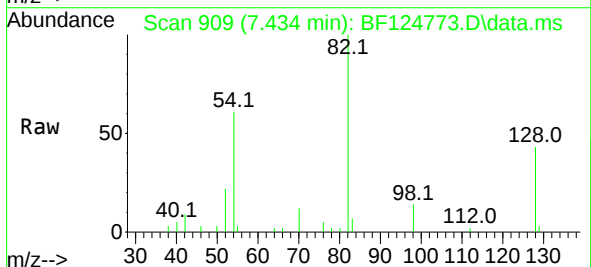
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

Tgt Ion:	136	Resp:	18017
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.8	14.6
54	7.8	6.4	9.6
68	5.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 66.947 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

Tgt Ion:	82	Resp:	20266
Ion Ratio	Lower	Upper	
82	100		
128	42.7	40.6	60.8
54	60.8	49.6	74.4

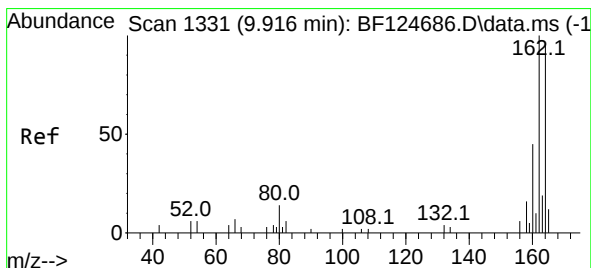
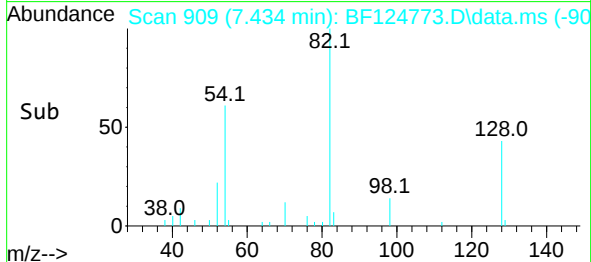
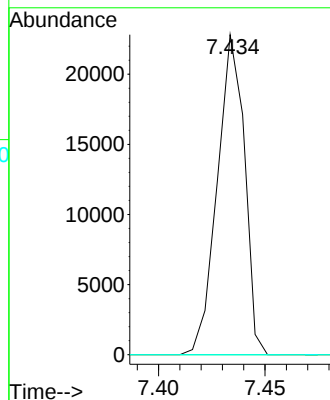
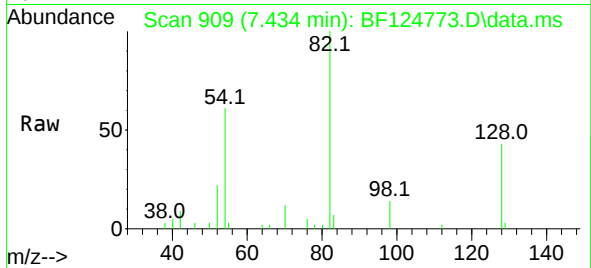




#25
Isophorone
Concen: 37.861 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

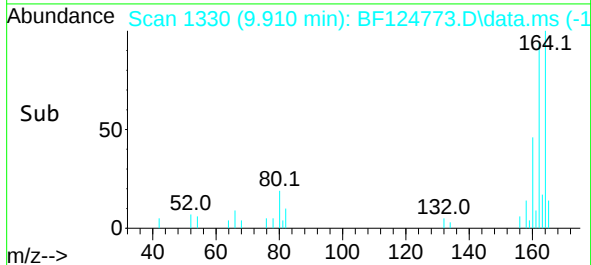
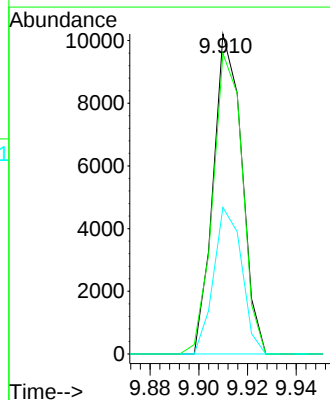
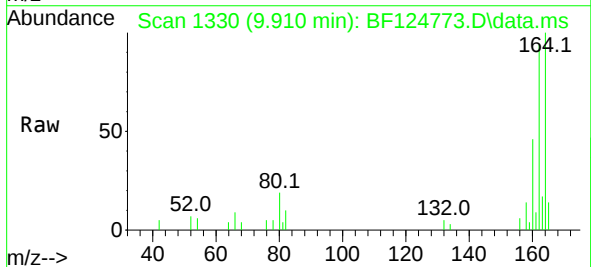
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ClientSampleId :
STOCK-PILE-2

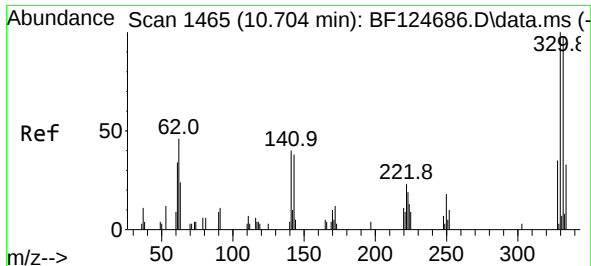
Tgt Ion: 82 Resp: 20266
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

Tgt Ion: 164 Resp: 8312
Ion Ratio Lower Upper
164 100
162 93.9 81.3 121.9
160 45.8 38.0 57.0

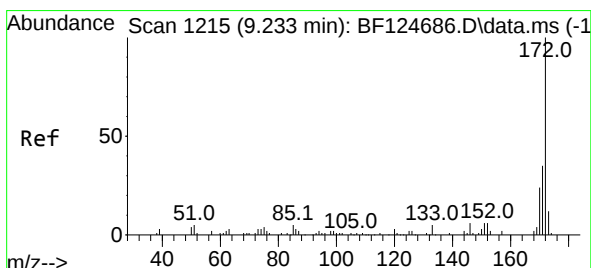
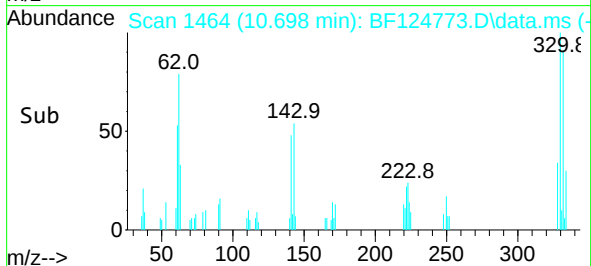
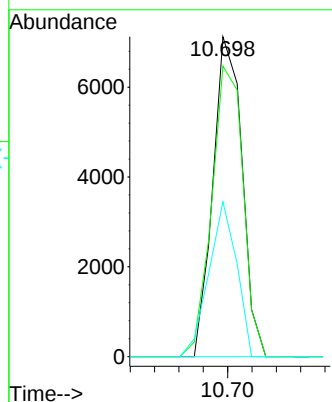
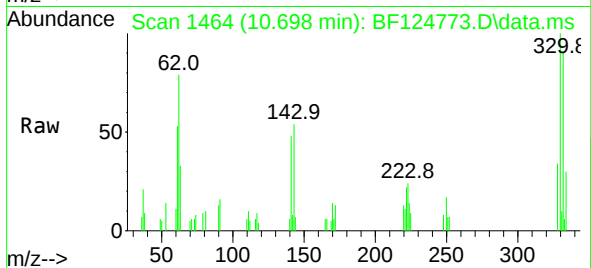




#42
2,4,6-Tribromophenol
Concen: 82.630 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

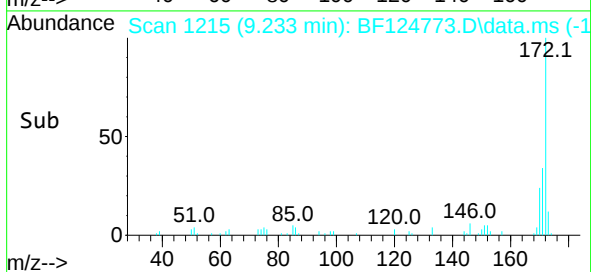
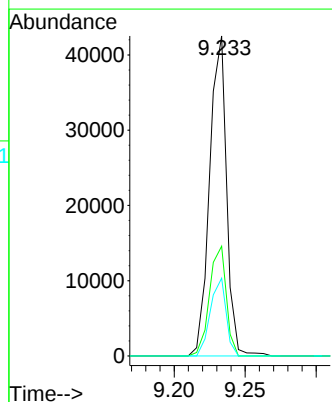
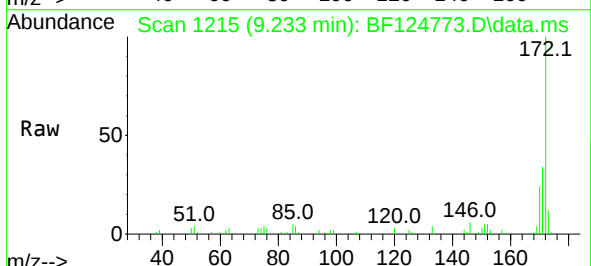
Instrument :
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ClientSampleId :
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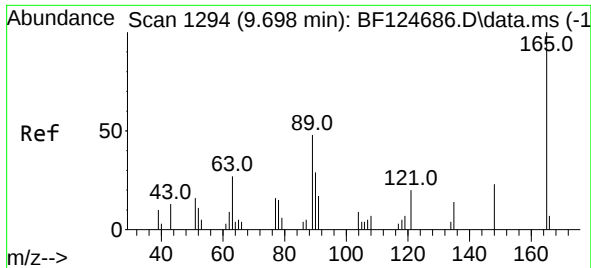
Tgt Ion: 330 Resp: 5897
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 46.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 62.491 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

Tgt Ion: 172 Resp: 35365
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 24.3 18.8 28.2

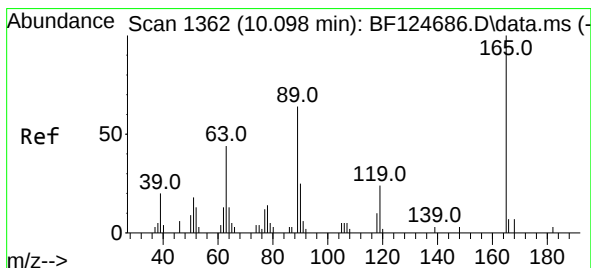
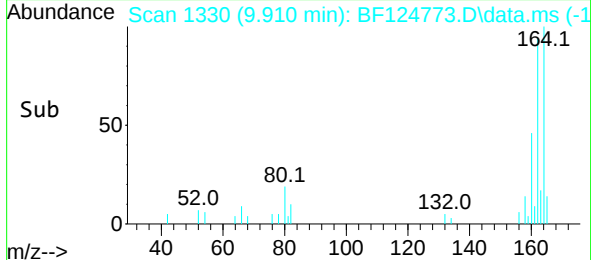
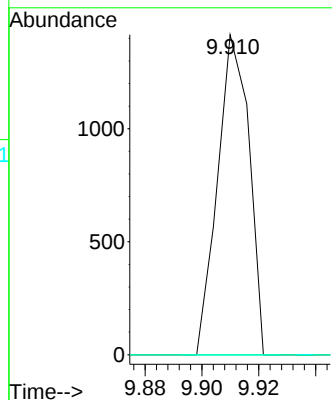
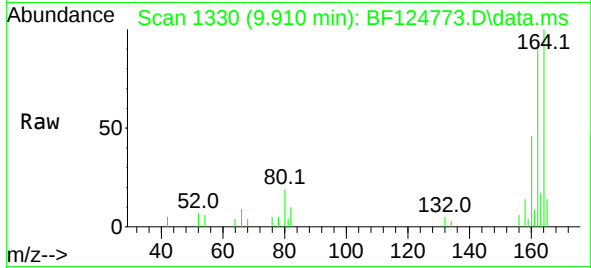




#51
2,6-Dinitrotoluene
Concen: 8.621 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

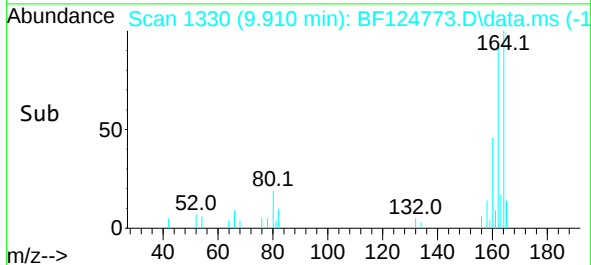
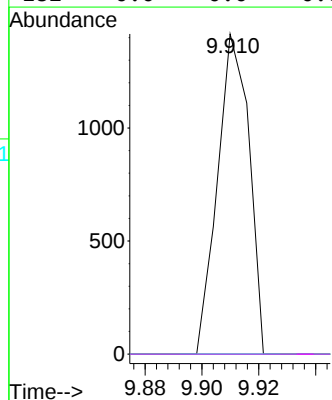
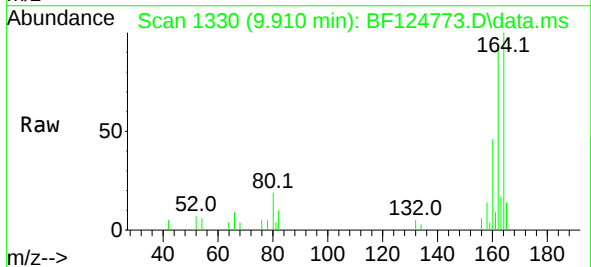
Instrument :
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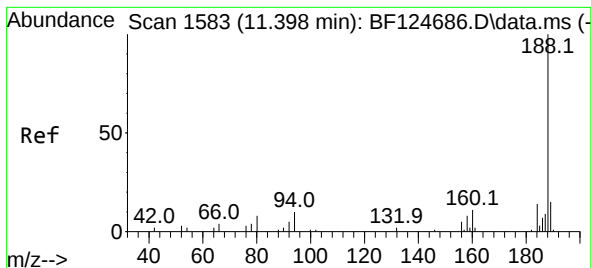
Tgt Ion:165 Resp: 1090
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.352 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

Tgt Ion:165 Resp: 1090
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

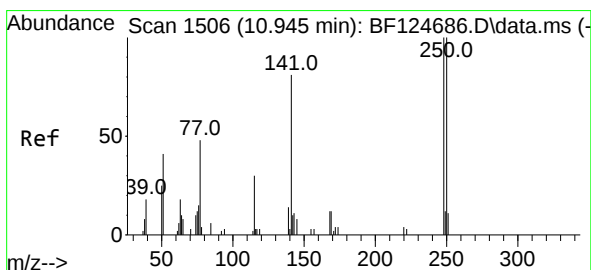
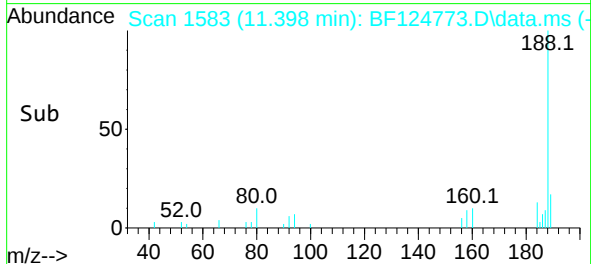
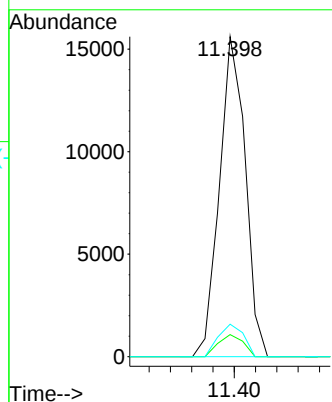
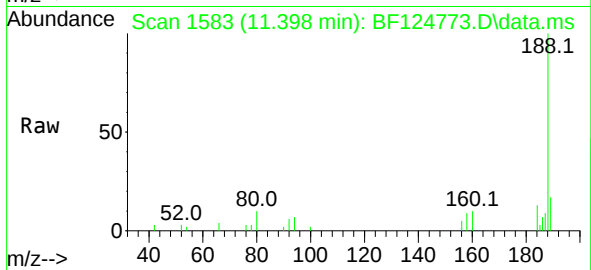




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

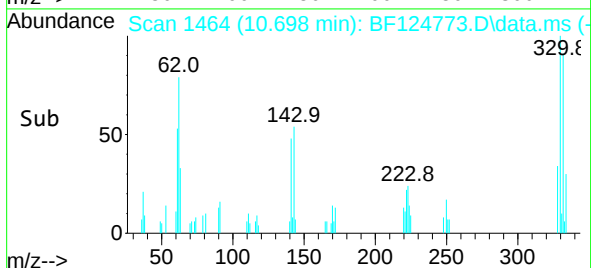
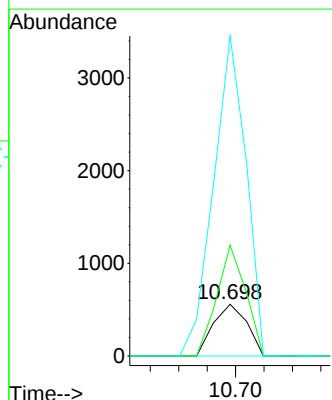
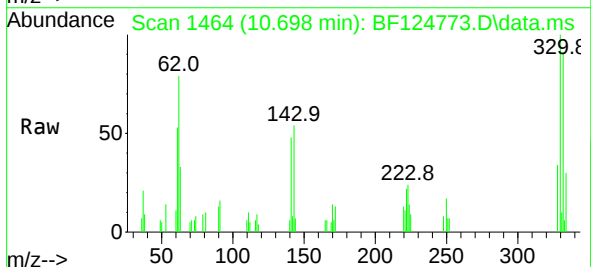
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

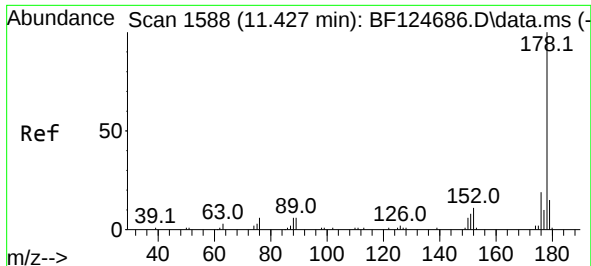
Tgt Ion:188 Resp: 13157
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.246 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

Tgt Ion:248 Resp: 453
Ion Ratio Lower Upper
248 100
250 214.5 74.2 111.4#
141 619.9 60.4 90.6#

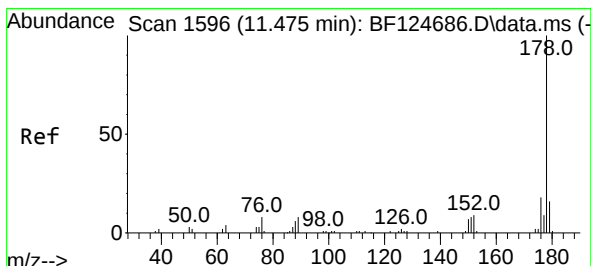
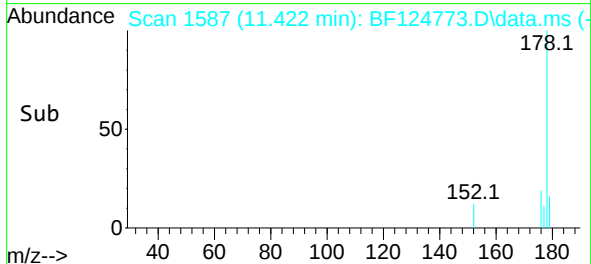
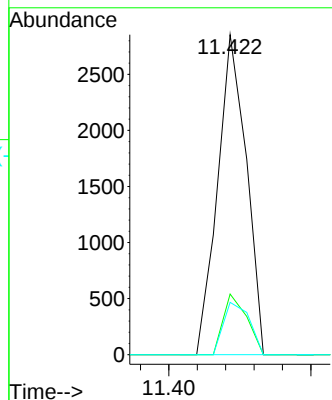
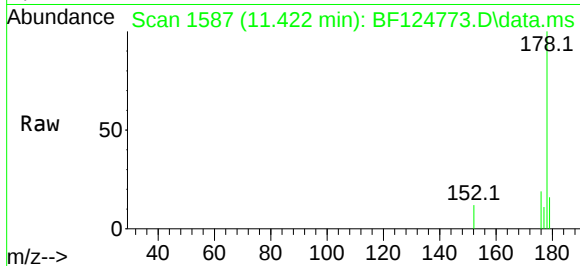




#71
Phenanthrene
Concen: 2.825 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

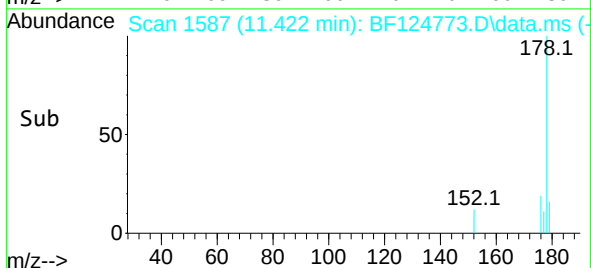
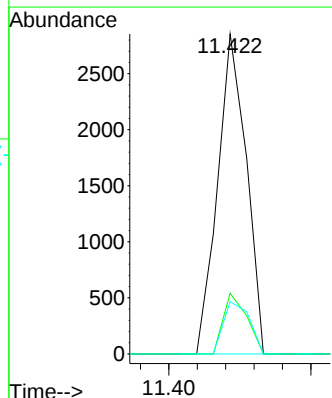
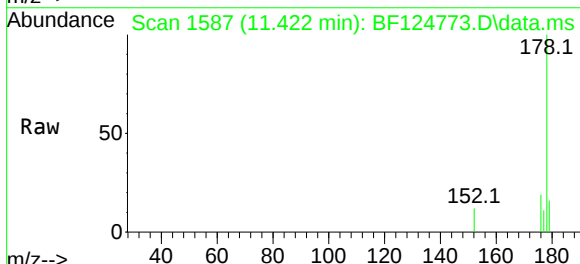
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

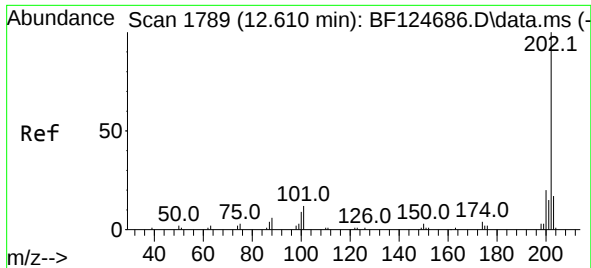
Tgt Ion:178 Resp: 1999
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 16.3 11.5 17.3



#72
Anthracene
Concen: 2.826 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.053 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

Tgt Ion:178 Resp: 1999
Ion Ratio Lower Upper
178 100
176 18.9 14.3 21.5
179 16.3 12.2 18.4

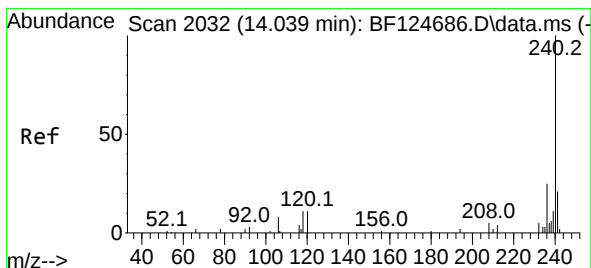
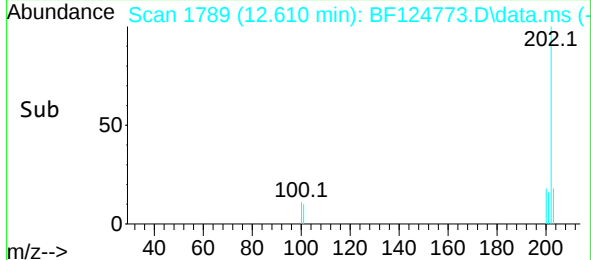
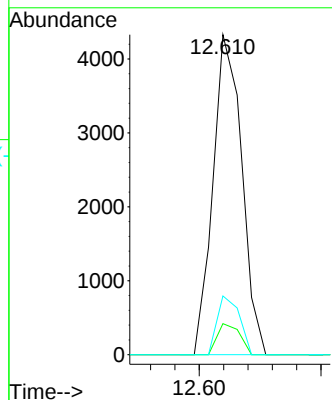
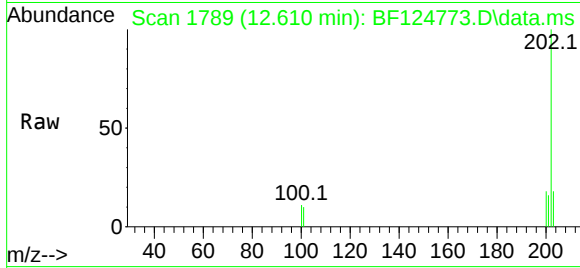




#75
Fluoranthene
Concen: 4.922 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

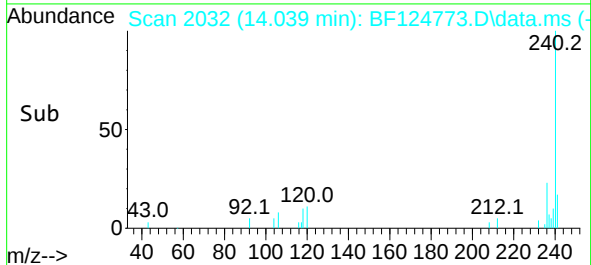
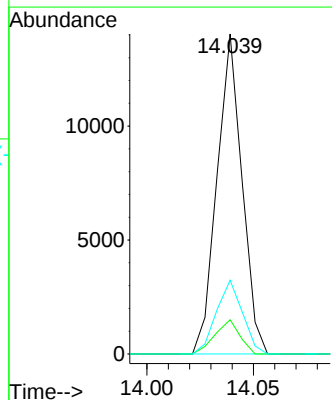
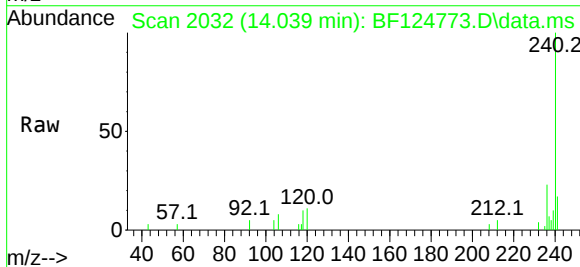
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

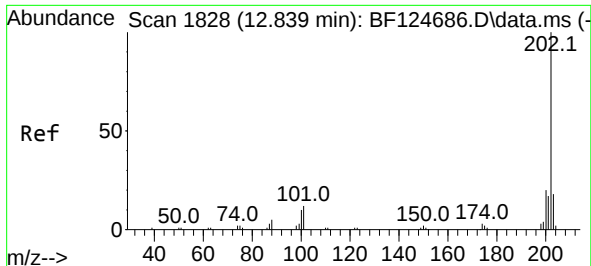
Tgt Ion:202	Resp:	3554
Ion Ratio	Lower	Upper
202	100	
101	9.7	0.0 30.7
203	18.4	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

Tgt Ion:240	Resp:	11456
Ion Ratio	Lower	Upper
240	100	
120	10.7	10.8 16.2#
236	23.1	21.6 32.4

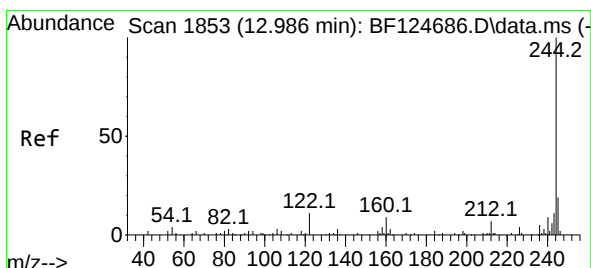
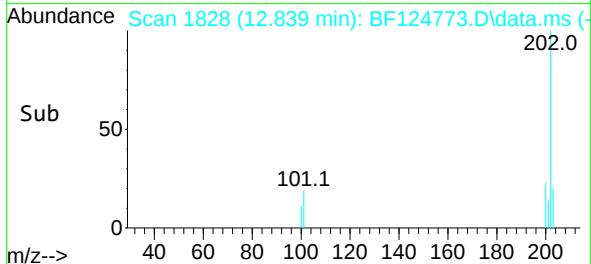
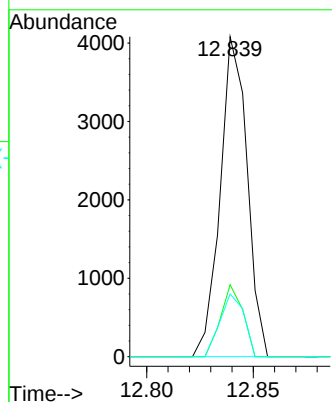
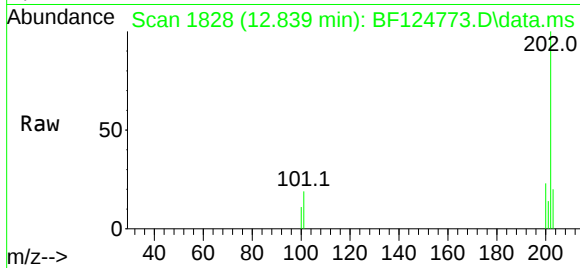




#78
Pyrene
Concen: 3.952 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

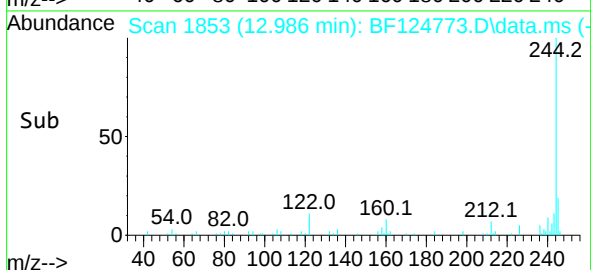
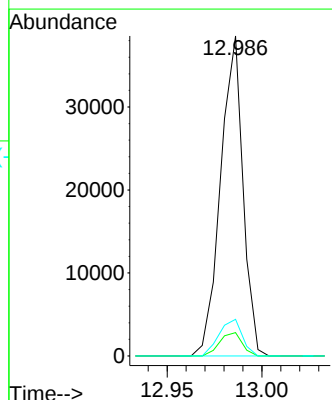
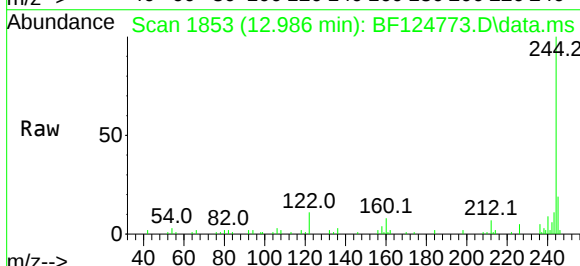
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

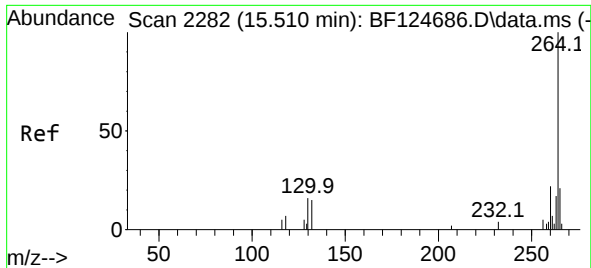
Tgt Ion:202	Resp:	3584
Ion Ratio	Lower	Upper
202	100	
200	22.5	15.3 22.9
203	19.6	13.4 20.0



#79
Terphenyl-d14
Concen: 47.399 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

Tgt Ion:244	Resp:	31678
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.9 8.9
122	11.4	9.0 13.4

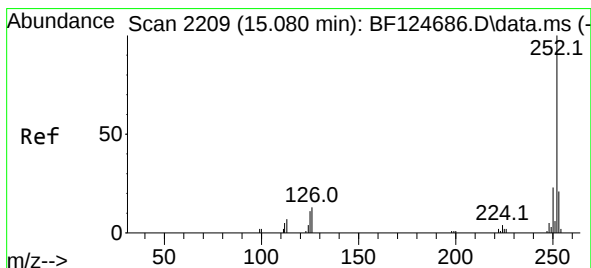
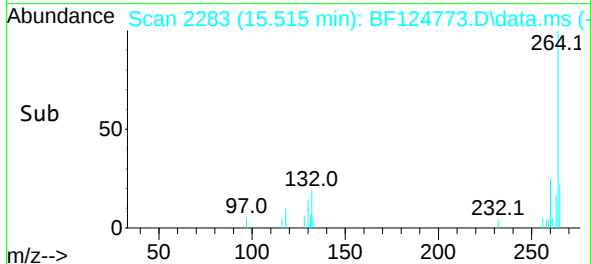
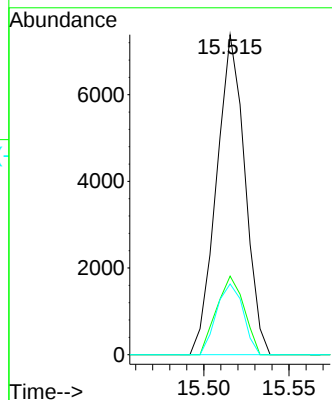
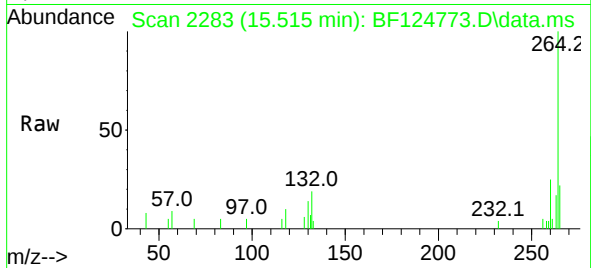




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124773.D
 Acq: 26 Jul 2021 19:47

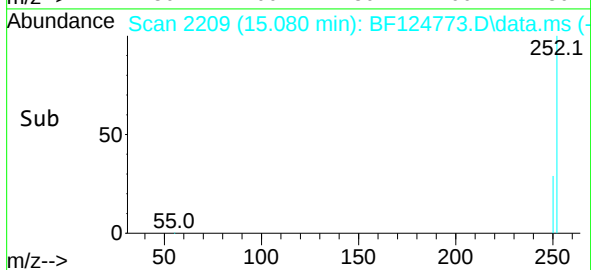
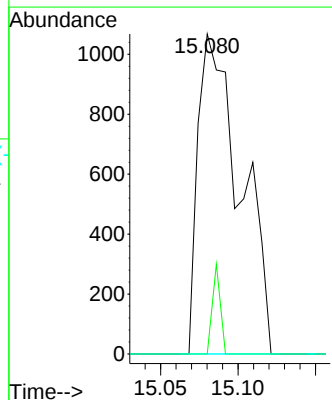
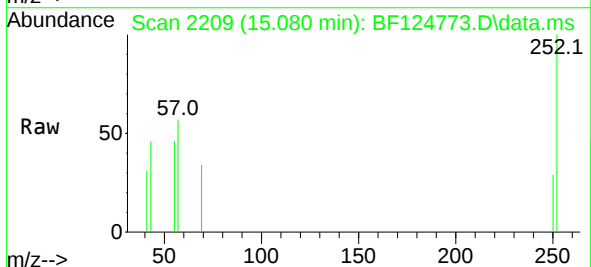
Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-2

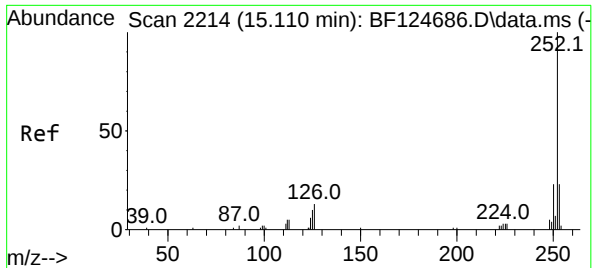
Tgt Ion:	264	Resp:	8554
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.6	29.4
265	22.1	17.2	25.8



#88
 Benzo(b)fluoranthene
 Concen: 3.364 ng
 RT: 15.080 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: BF124773.D
 Acq: 26 Jul 2021 19:47

Tgt Ion:	252	Resp:	2026
Ion Ratio	Lower	Upper	
252	100		
253	0.0	16.8	25.2#
125	0.0	9.8	14.8#





#89

Benzo(k)fluoranthene

Concen: 3.682 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.029 min

Lab File: BF124773.D

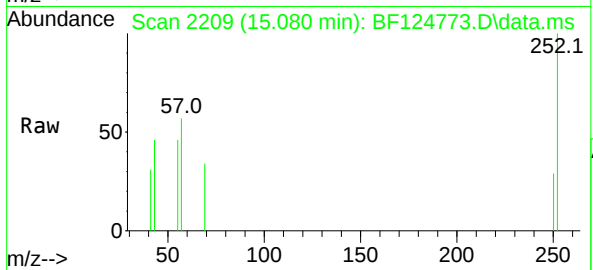
Acq: 26 Jul 2021 19:47

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-2



Tgt Ion:252 Resp: 2026

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 0.0 7.2 10.8#

