

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062921\
 Data File : BF124490.D
 Acq On : 29 Jun 2021 13:34
 Operator : JU/CG
 Sample : M2859-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PILE-1-062421DL

Quant Time: Jun 29 13:56:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 12:49:33 2021
 Response via : Initial Calibration

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

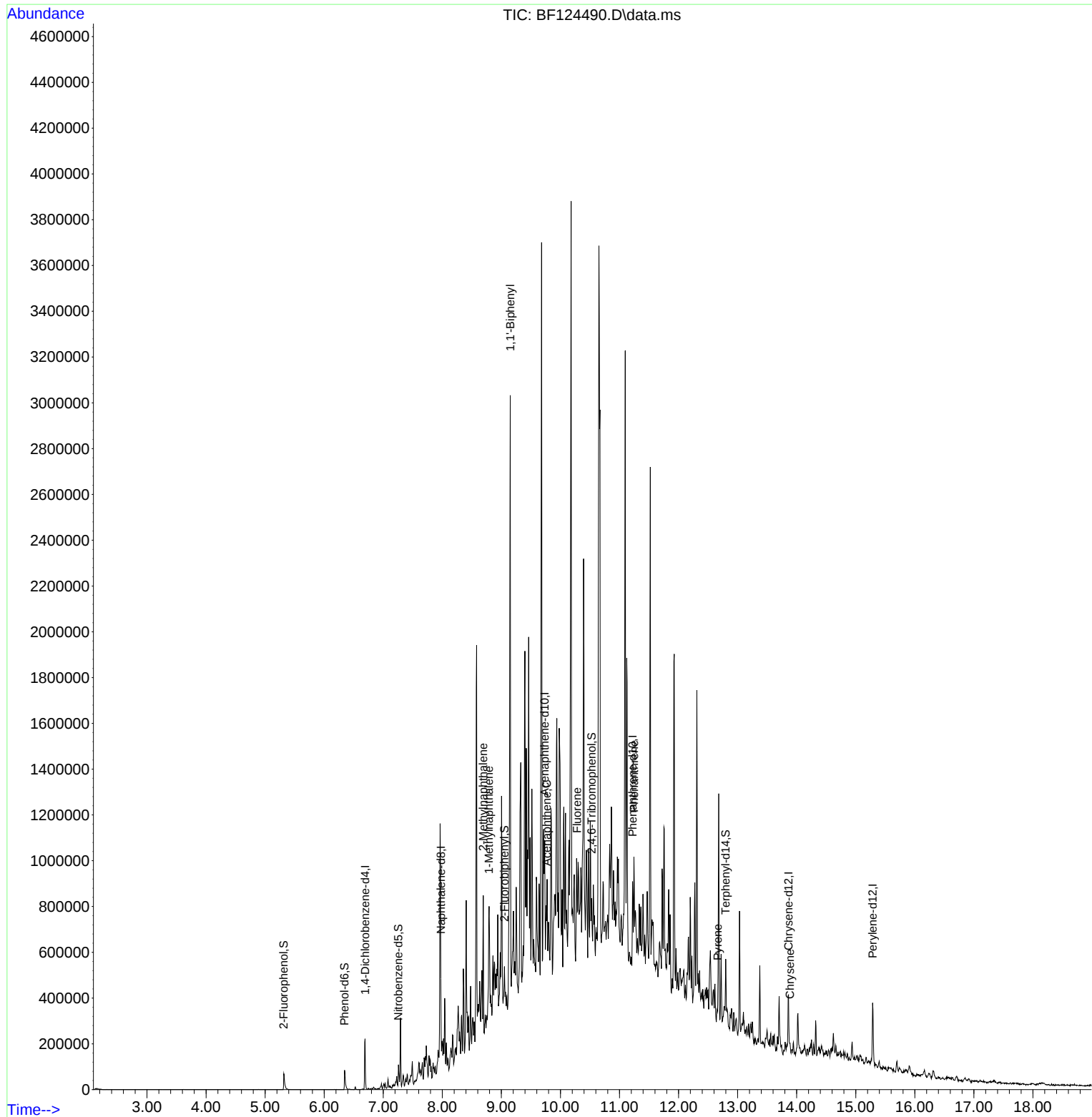
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	32226	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	118964	20.000	ng	# 0.00
39) Acenaphthene-d10	9.733	164	70004	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	106869	20.000	ng	0.00
76) Chrysene-d12	13.863	240	81320	20.000	ng	0.00
86) Perylene-d12	15.286	264	89679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	24990	12.196	ng	0.00
7) Phenol-d6	6.345	99	33951	12.690	ng	0.00
23) Nitrobenzene-d5	7.257	82	26820	9.348	ng	0.00
42) 2,4,6-Tribromophenol	10.527	330	7030	8.405	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	52539	9.194	ng	0.00
79) Terphenyl-d14	12.798	244	44994	8.287	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.692	142	143878	29.050	ng	98
38) 1-Methylnaphthalene	8.786	142	104948	22.781	ng	95
46) 1,1'-Biphenyl	9.151	154	33814	5.683	ng	94
52) Acenaphthene	9.769	154	15293	3.424	ng	# 72
58) Fluorene	10.280	166	34871	6.374	ng	# 71
71) Phenanthrene	11.245	178	159440	23.667	ng	96
78) Pyrene	12.663	202	40029	5.393	ng	94
83) Chrysene	13.886	228	15139	2.606	ng	94

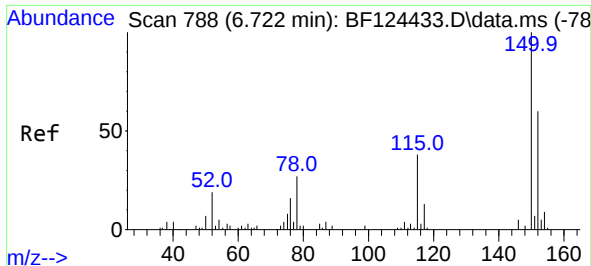
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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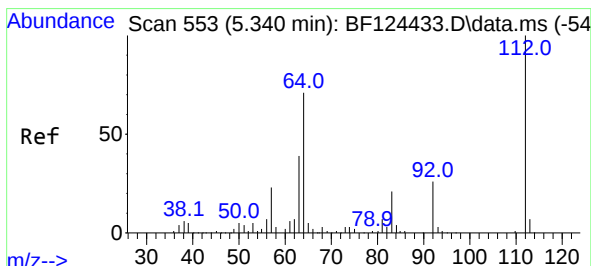
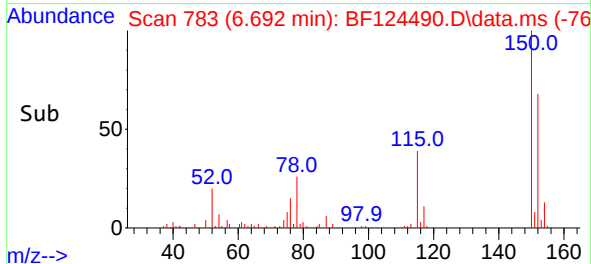
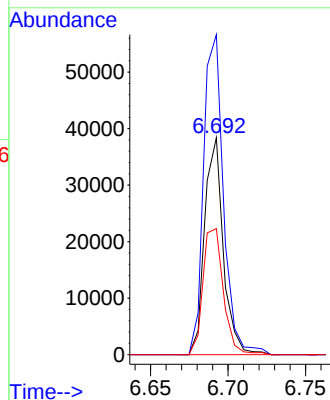
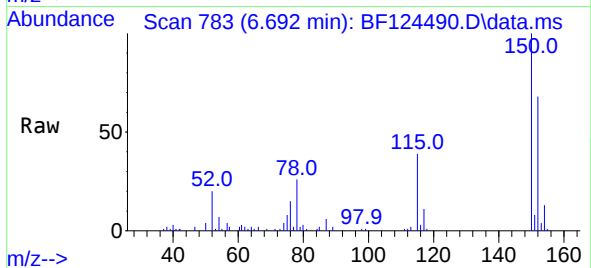




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

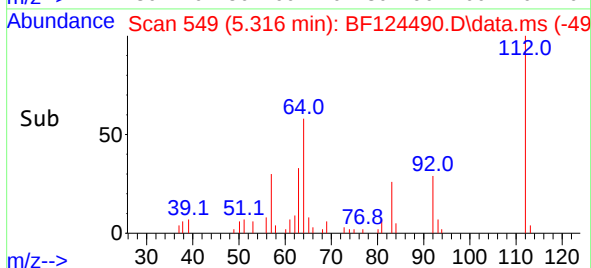
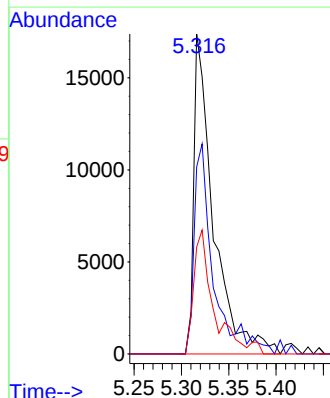
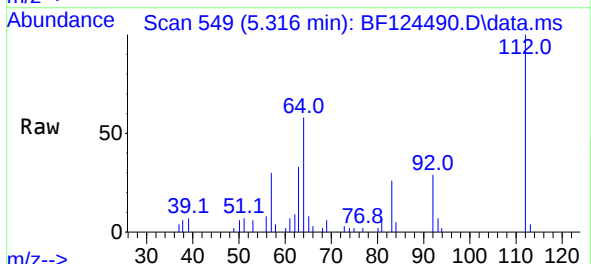
Instrument :
BNA_F
ClientSampleId :
PILE-1-062421DL

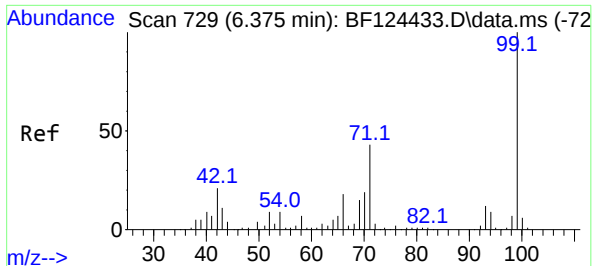
Tgt Ion:152 Resp: 32226
Ion Ratio Lower Upper
152 100
150 147.5 127.0 190.6
115 58.1 54.3 81.5



#5
2-Fluorophenol
Concen: 12.196 ng
RT: 5.316 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

Tgt Ion:112 Resp: 24990
Ion Ratio Lower Upper
112 100
64 58.4 61.4 92.0#
63 33.5 33.0 49.4

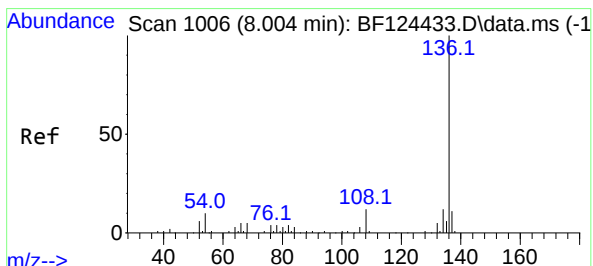
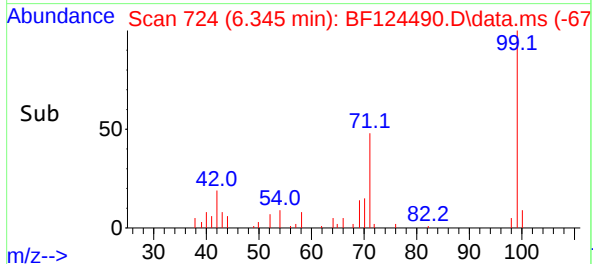
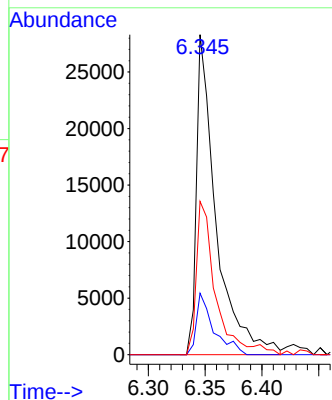
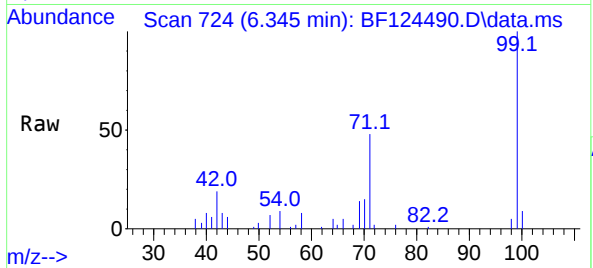




#7
Phenol-d6
Concen: 12.690 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

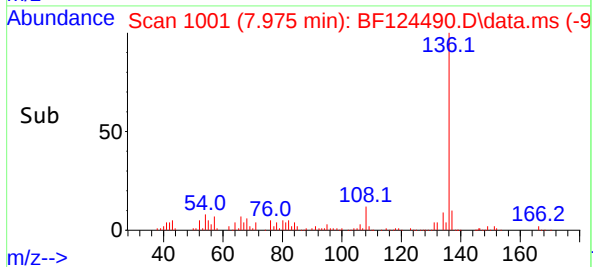
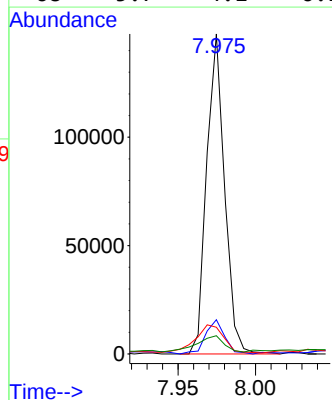
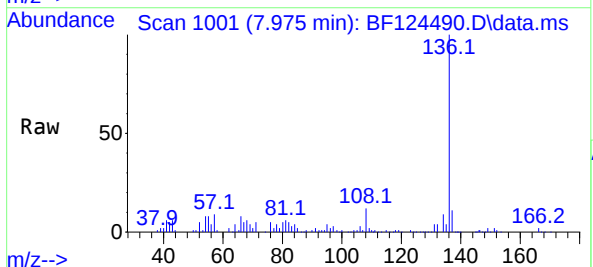
Instrument :
BNA_F
ClientSampleId :
PILE-1-062421DL

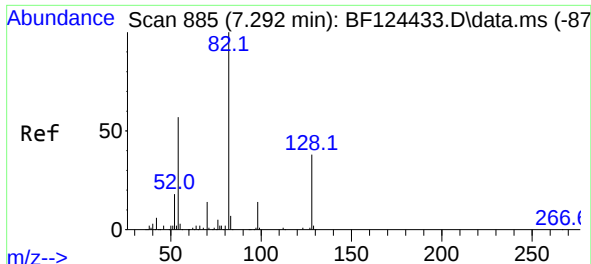
Tgt Ion: 99 Resp: 33951
Ion Ratio Lower Upper
99 100
42 19.2 19.8 29.8#
71 47.9 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

Tgt Ion: 136 Resp: 118964
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.4 9.8 14.6#
68 5.7 4.1 6.1

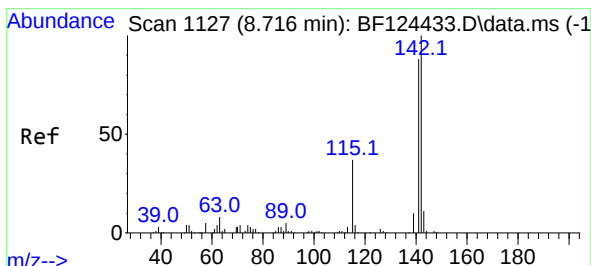
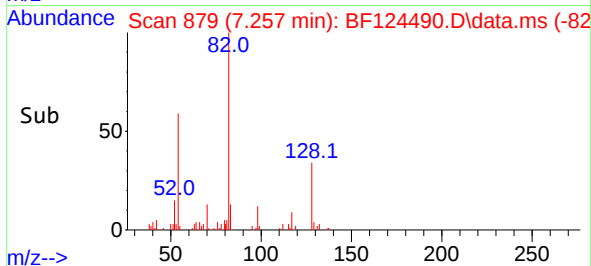
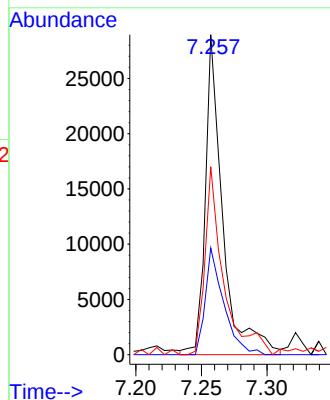
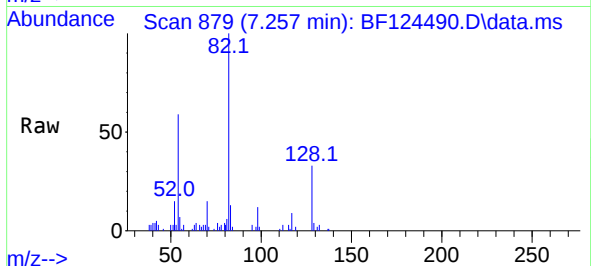




#23
Nitrobenzene-d5
Concen: 9.348 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

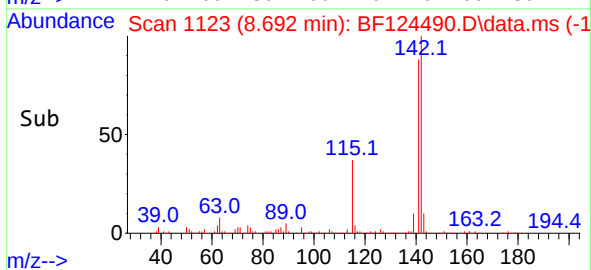
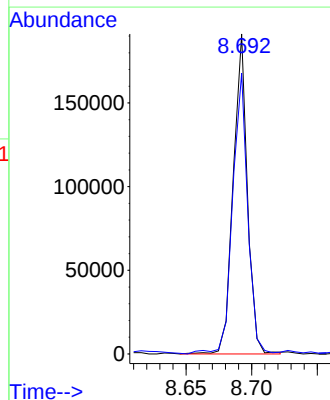
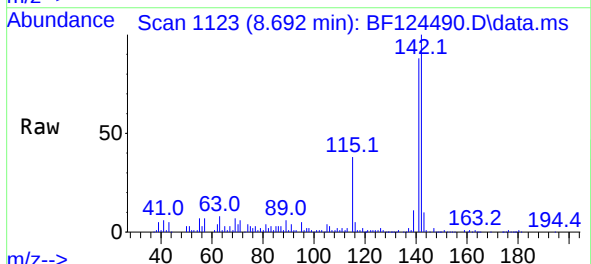
Instrument :
BNA_F
ClientSampleId :
PILE-1-062421DL

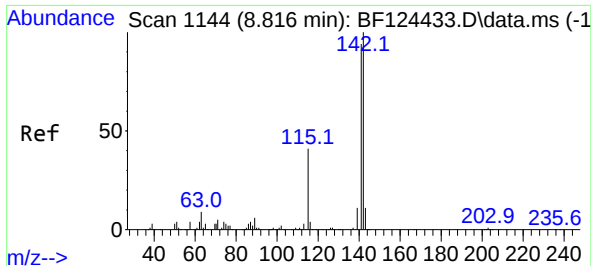
Tgt Ion: 82 Resp: 26820
Ion Ratio Lower Upper
82 100
128 33.3 29.4 44.2
54 58.8 54.1 81.1



#37
2-Methylnaphthalene
Concen: 29.050 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

Tgt Ion: 142 Resp: 143878
Ion Ratio Lower Upper
142 100
141 87.8 71.8 107.6

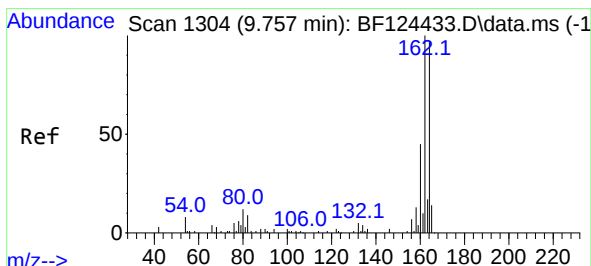
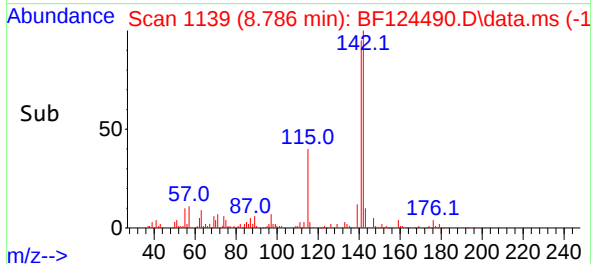
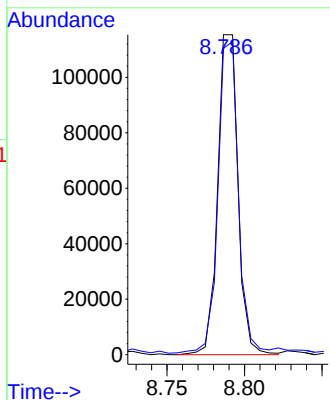
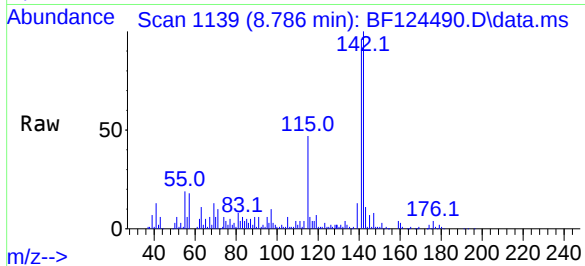




#38
1-Methylnaphthalene
Concen: 22.781 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

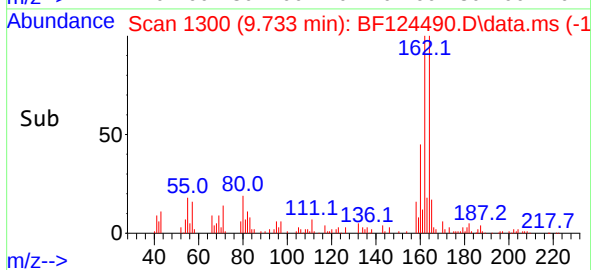
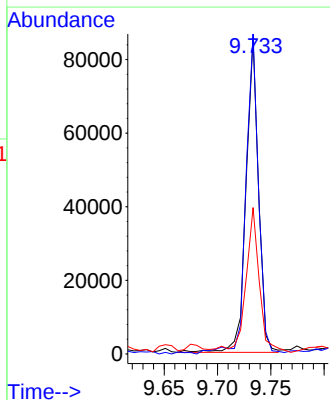
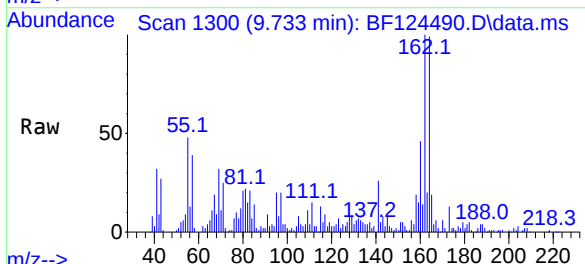
Instrument :
BNA_F
ClientSampleId :
PILE-1-062421DL

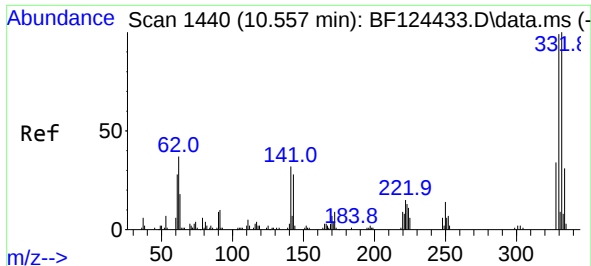
Tgt Ion:142 Resp: 104948
Ion Ratio Lower Upper
142 100
141 95.7 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

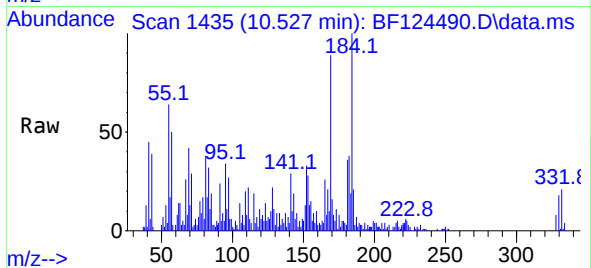
Tgt Ion:164 Resp: 70004
Ion Ratio Lower Upper
164 100
162 101.2 80.7 121.1
160 46.3 37.3 55.9



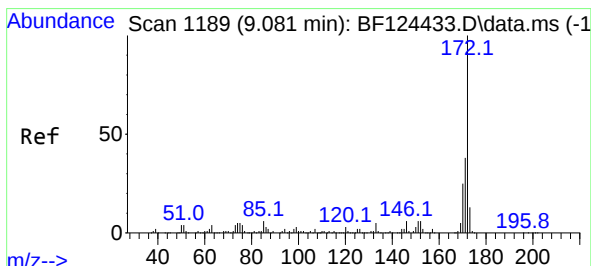
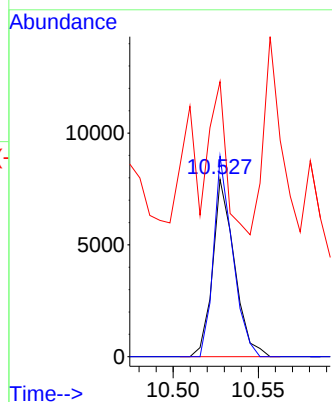
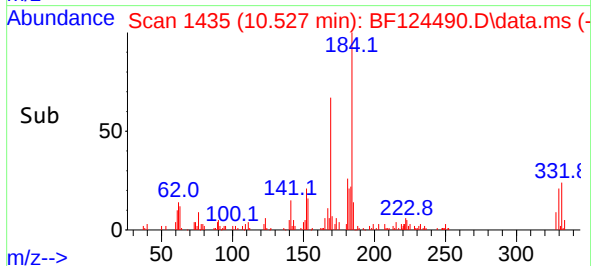


#42
2,4,6-Tribromophenol
Concen: 8.405 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

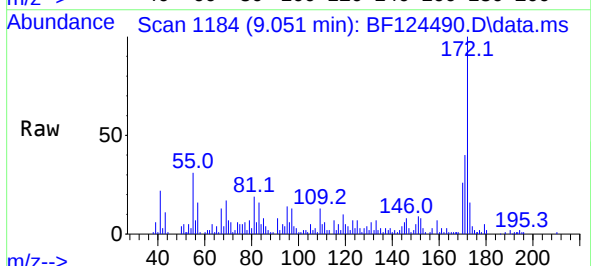
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ClientSampleId :
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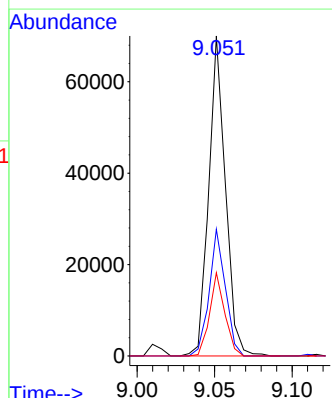
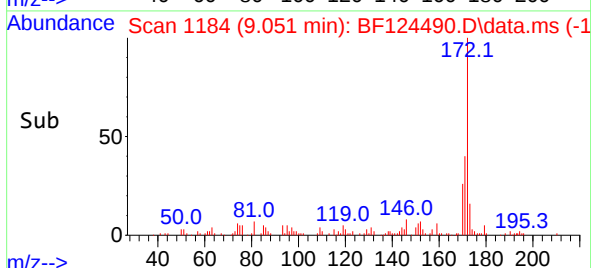
Tgt Ion:330 Resp: 7030
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 65.7 27.9 41.9#

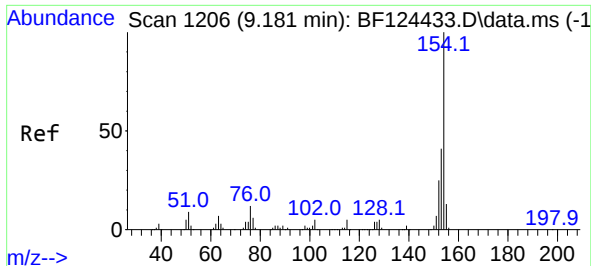


#45
2-Fluorobiphenyl
Concen: 9.194 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34



Tgt Ion:172 Resp: 52539
Ion Ratio Lower Upper
172 100
171 39.6 28.1 42.1
170 26.0 19.2 28.8

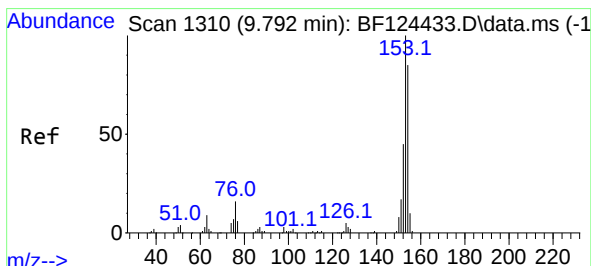
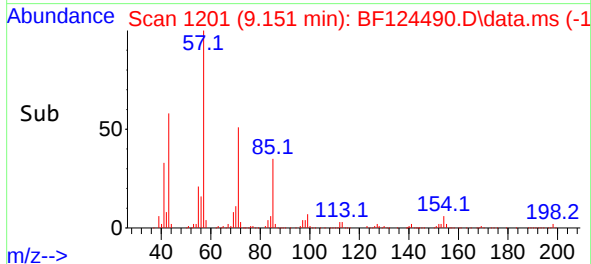
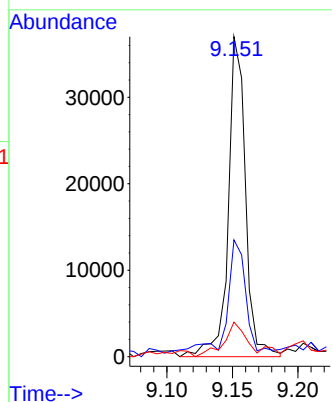
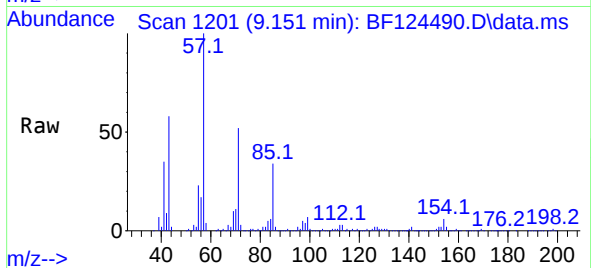




#46
1,1'-Biphenyl
Concen: 5.683 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

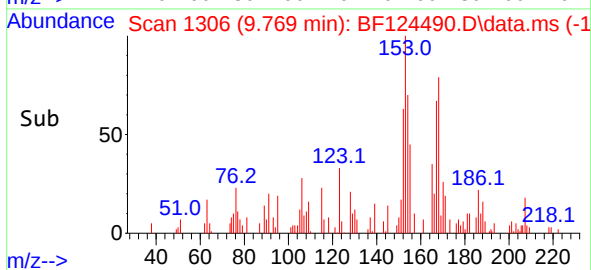
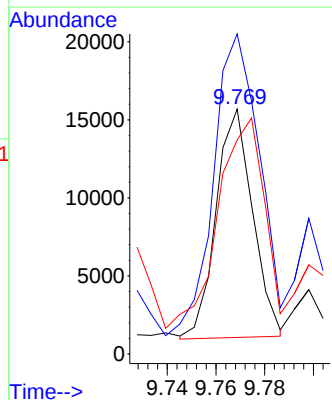
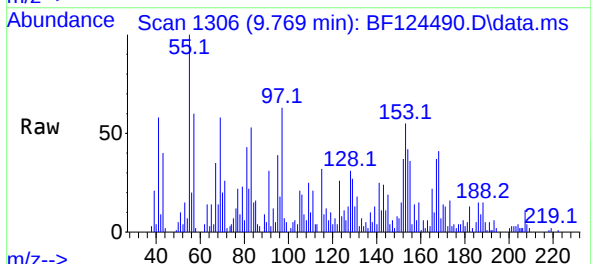
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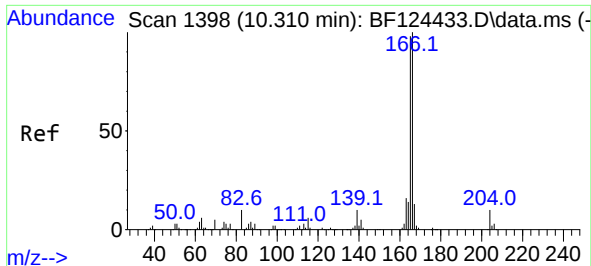
Tgt Ion:154 Resp: 33814
Ion Ratio Lower Upper
154 100
153 36.5 20.7 60.7
76 10.8 0.0 31.7



#52
Acenaphthene
Concen: 3.424 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

Tgt Ion:154 Resp: 15293
Ion Ratio Lower Upper
154 100
153 130.7 88.1 132.1
152 87.5 43.4 65.0#

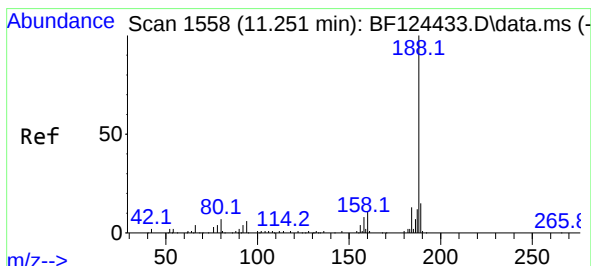
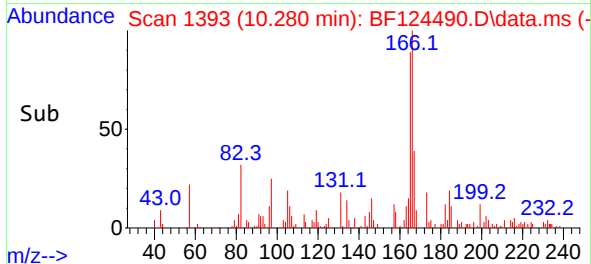
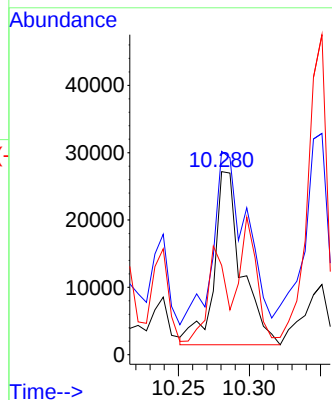
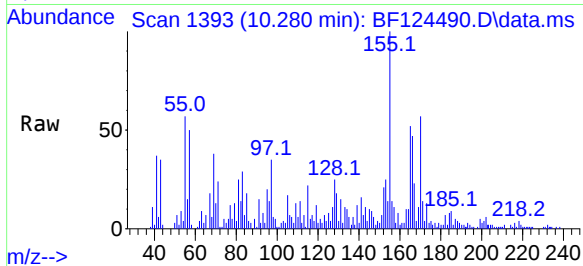




#58
Fluorene
Concen: 6.374 ng
RT: 10.280 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

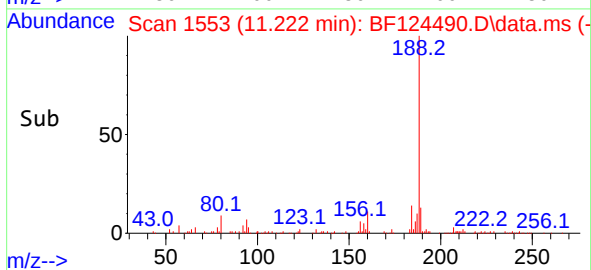
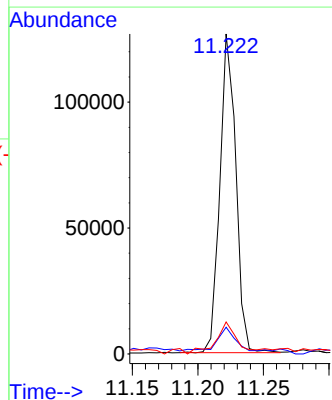
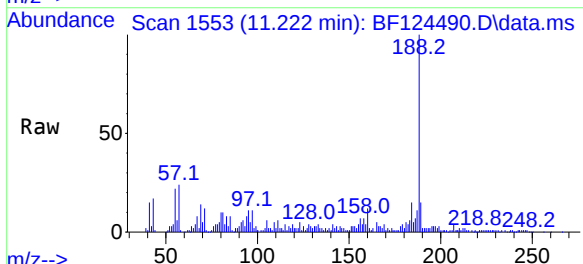
Instrument :
BNA_F
ClientSampleId :
PILE-1-062421DL

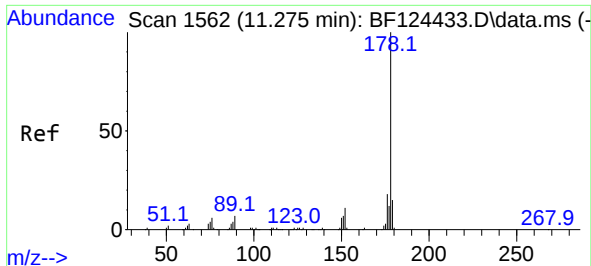
Tgt Ion:166 Resp: 34871
Ion Ratio Lower Upper
166 100
165 111.2 73.5 110.3#
167 48.8 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. 0.006 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

Tgt Ion:188 Resp: 106869
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 10.0 8.2 12.2

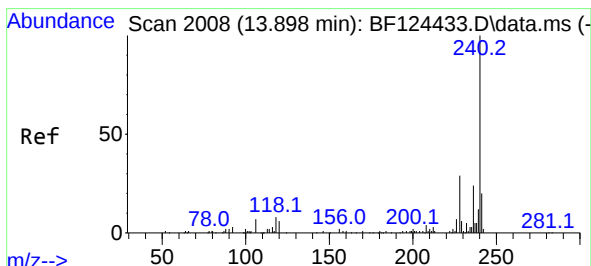
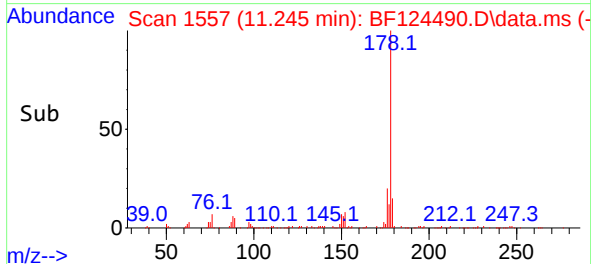
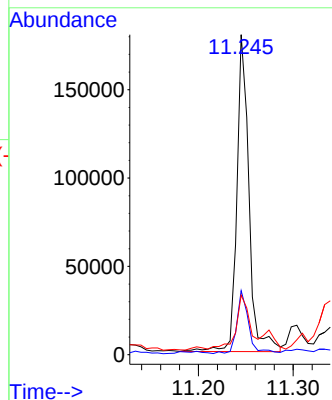
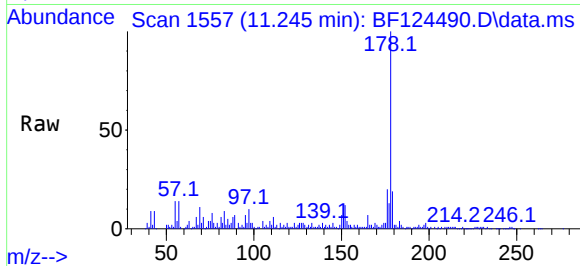




#71
Phenanthrene
Concen: 23.667 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

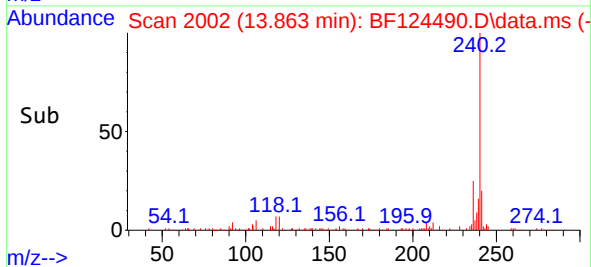
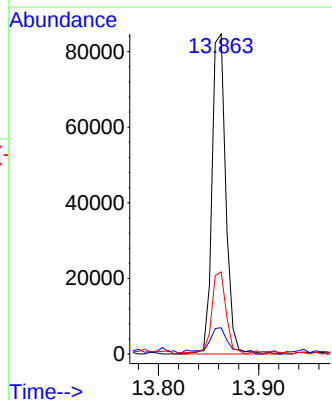
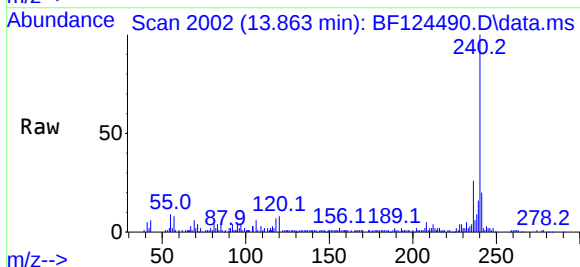
Instrument :
BNA_F
ClientSampleId :
PILE-1-062421DL

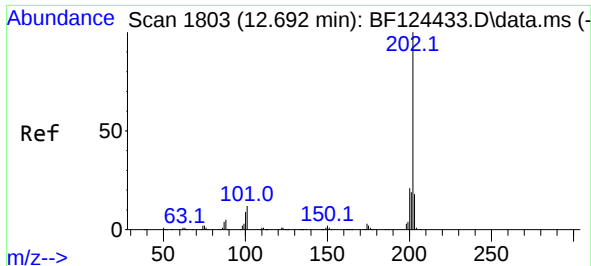
Tgt Ion:178 Resp: 159440
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 18.6 12.5 18.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

Tgt Ion:240 Resp: 81320
Ion Ratio Lower Upper
240 100
120 8.2 7.2 10.8
236 25.7 19.0 28.4



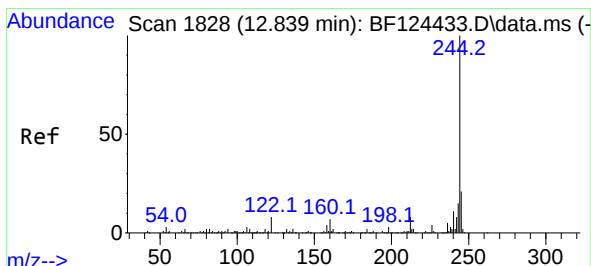
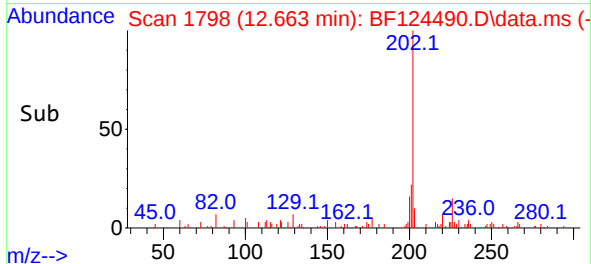
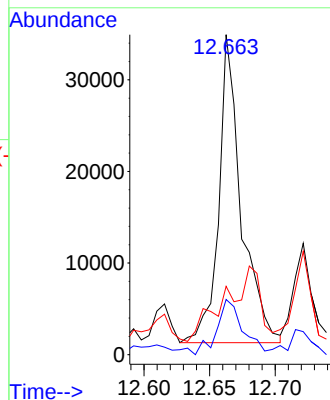
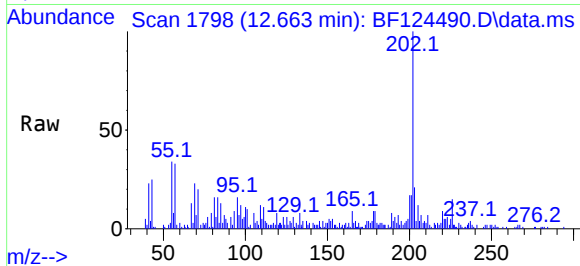


#78
Pyrene
Concen: 5.393 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.006 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

Instrument :
BNA_F
ClientSampleId :
PILE-1-062421DL

Tgt Ion:202 Resp: 40029

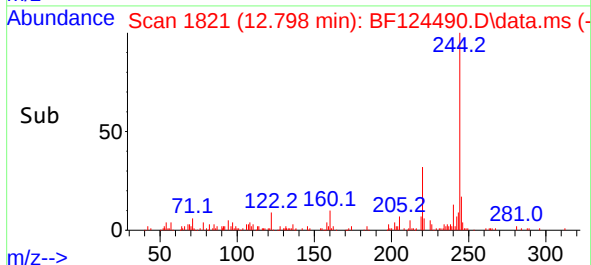
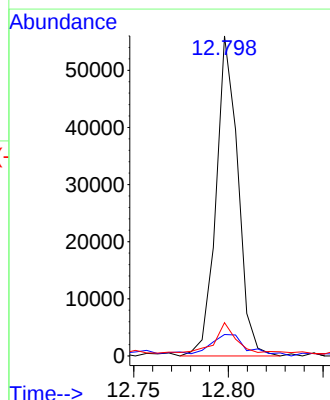
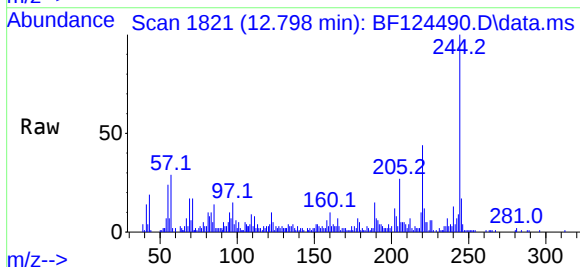
Ion	Ratio	Lower	Upper
202	100		
200	17.3	16.1	24.1
203	21.3	14.8	22.2

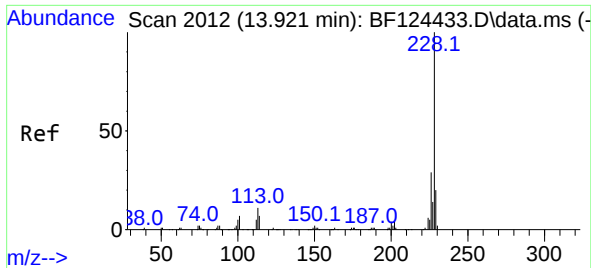


#79
Terphenyl-d14
Concen: 8.287 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

Tgt Ion:244 Resp: 44994

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	10.4	9.7	14.5

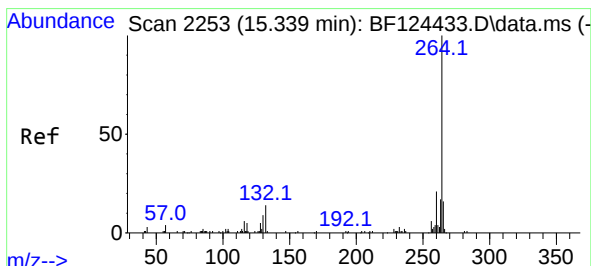
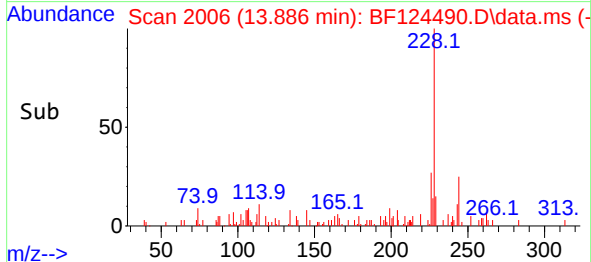
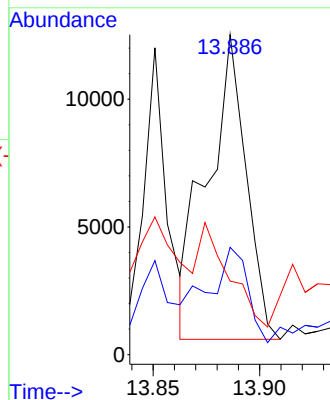
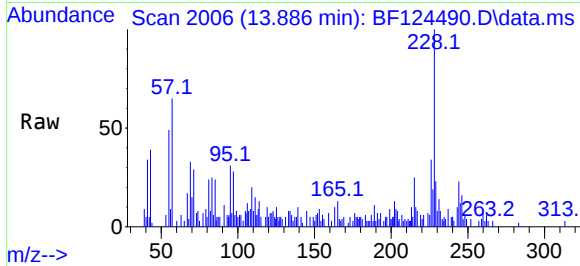




#83
Chrysene
Concen: 2.606 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

Instrument :
BNA_F
ClientSampleId :
PILE-1-062421DL

Tgt Ion:228	Resp:	15139
Ion Ratio	Lower	Upper
228	100	
226	33.6	24.3 36.5
229	23.0	16.2 24.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 2244
Delta R.T. 0.000 min
Lab File: BF124490.D
Acq: 29 Jun 2021 13:34

Tgt Ion:264	Resp:	89679
Ion Ratio	Lower	Upper
264	100	
260	22.0	18.7 28.1
265	18.8	17.8 26.8

