

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124841.D
 Acq On : 28 Jul 2021 22:38
 Operator : JU/CG
 Sample : M3198-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

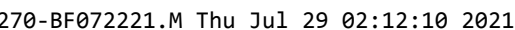
Quant Time: Jul 29 02:12:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

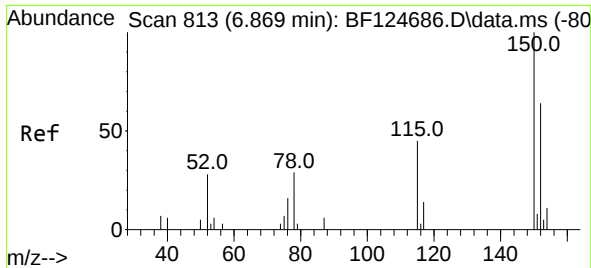
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6017	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	23675	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	12981	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	20685	20.00	ng	0.00
76) Chrysene-d12	14.033	240	12941	20.00	ng	# 0.00
86) Perylene-d12	15.509	264	12722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	36258	102.03	ng	0.00
7) Phenol-d6	6.498	99	42877	96.24	ng	0.00
23) Nitrobenzene-d5	7.433	82	29546	74.28	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	11045	99.10	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	61675	69.78	ng	0.00
79) Terphenyl-d14	12.980	244	47505	62.92	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	3760	15.81	ng	# 66
25) Isophorone	7.433	82	29544	42.00	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1575	7.98	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1575	5.88	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	836	3.81	ng	# 1
71) Phenanthrene	11.416	178	3315	2.98	ng	97
72) Anthracene	11.416	178	3315	2.98	ng	99
75) Fluoranthene	12.604	202	7315	6.44	ng	91
78) Pyrene	12.833	202	6422	6.27	ng	99
81) Benzo(a)anthracene	14.021	228	3480	4.11	ng	96
83) Chrysene	14.021	228	3480	4.27	ng	95
87) Indeno(1,2,3-cd)pyrene	16.980	276	1622	2.21	ng	# 48
88) Benzo(b)fluoranthene	15.074	252	6115	6.83	ng	# 94
89) Benzo(k)fluoranthene	15.074	252	6115	7.47	ng	# 94
90) Benzo(a)pyrene	15.445	252	3035	4.06	ng	99
92) Benzo(g,h,i)perylene	17.427	276	1447	2.37	ng	# 47

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

Quant Time: Jul 29 02:12:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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QLast Update : Thu Jul 22 15:28:57 2021
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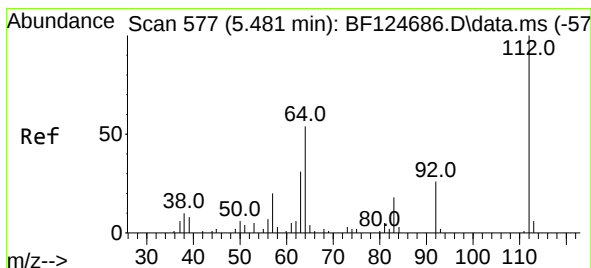
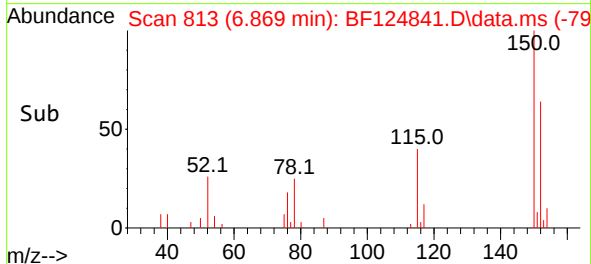
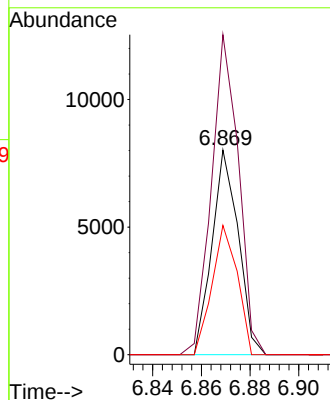
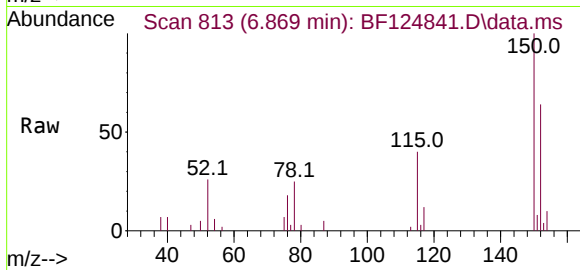




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

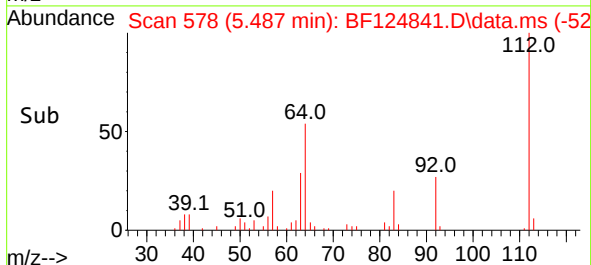
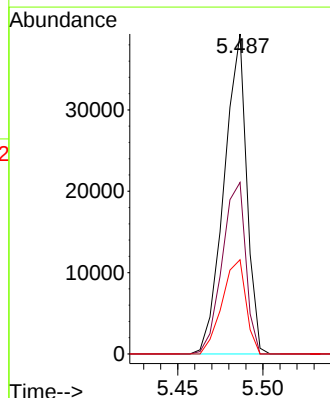
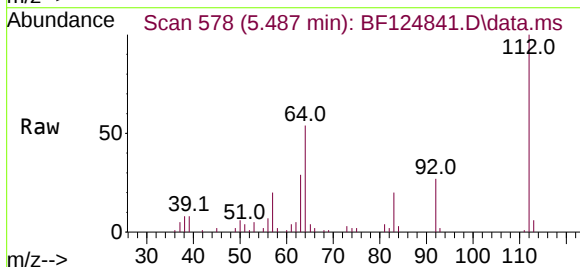
Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:152 Resp: 6017
Ion Ratio Lower Upper
152 100
150 156.4 117.6 176.4
115 63.2 47.1 70.7



#5
2-Fluorophenol
Concen: 102.03 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion:112 Resp: 36258
Ion Ratio Lower Upper
112 100
64 53.6 44.2 66.2
63 29.5 26.2 39.2

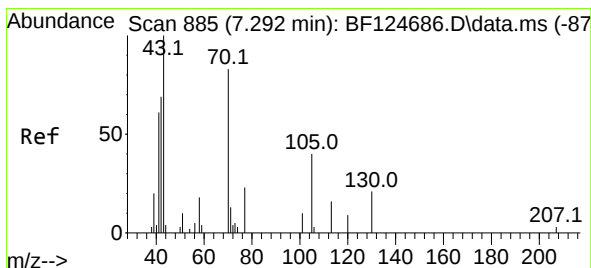
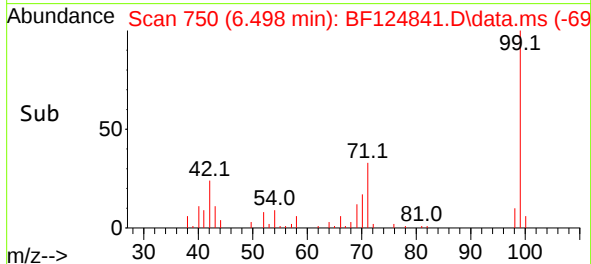
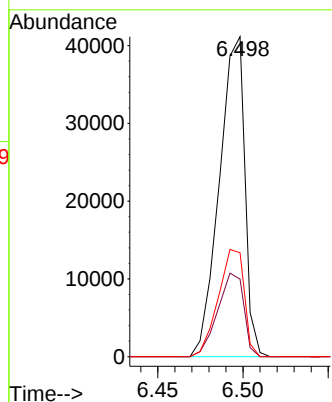
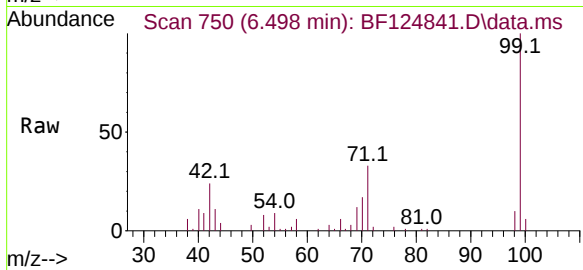




#7
Phenol-d6
Concen: 96.24 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

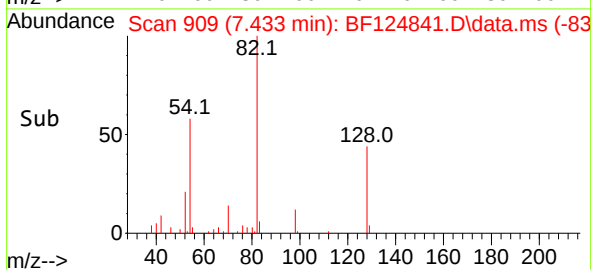
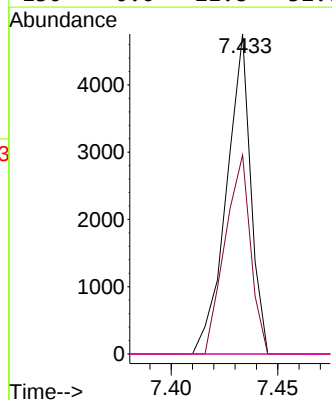
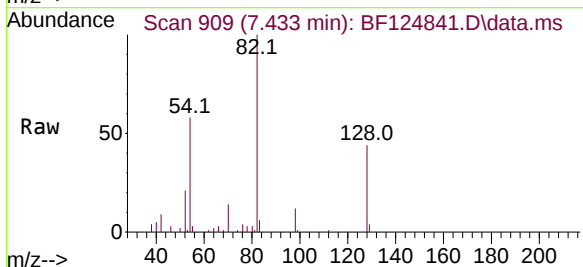
Instrument :
BNA_F
ClientSampled :
TP-8

Tgt Ion:	99	Resp:	42877
Ion	Ratio	Lower	Upper
99	100		
42	24.3	23.5	35.3
71	32.5	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.81 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion:	70	Resp:	3760
Ion	Ratio	Lower	Upper
70	100		
42	62.2	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

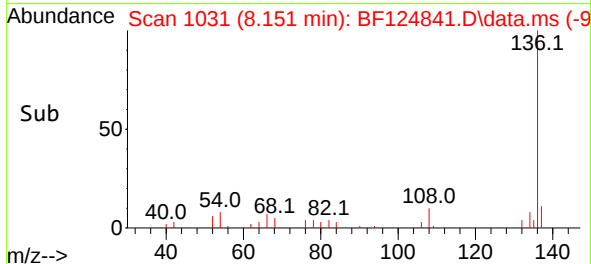
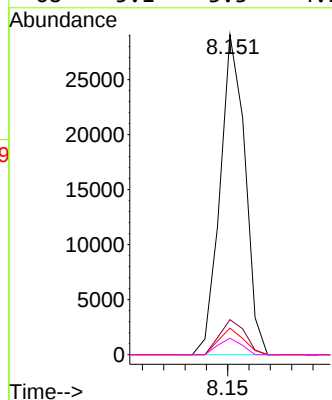
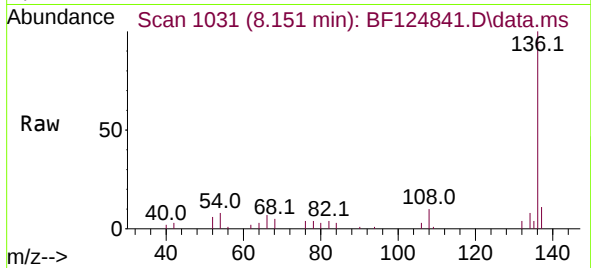




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

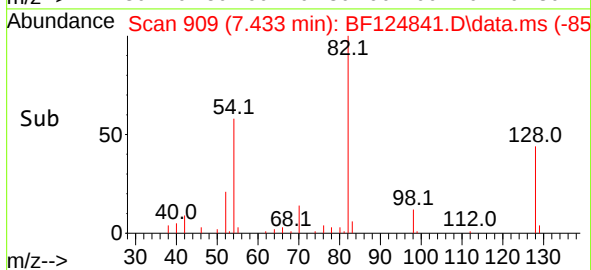
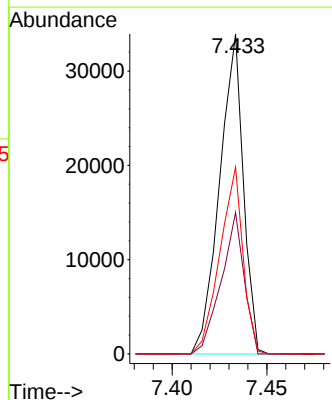
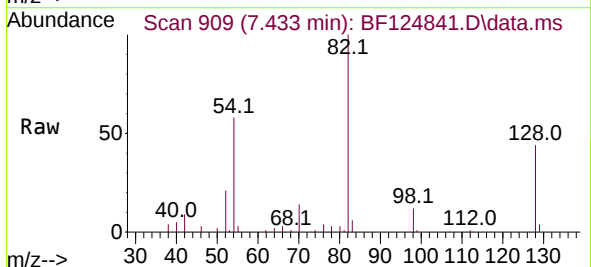
Instrument :
BNA_F
ClientSampled :
TP-8

Tgt Ion:	136	Resp:	23675
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.6
54	8.3	6.4	9.6
68	5.1	3.3	4.9



#23
Nitrobenzene-d5
Concen: 74.28 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion:	82	Resp:	29546
Ion Ratio	Lower	Upper	
82	100		
128	44.2	40.6	60.8
54	58.4	49.6	74.4

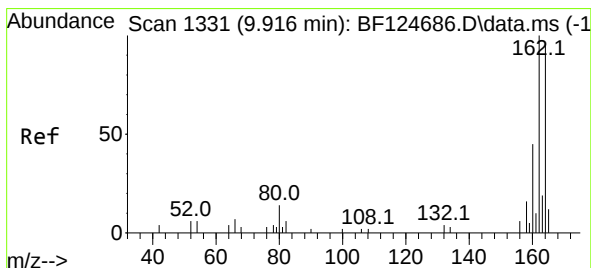
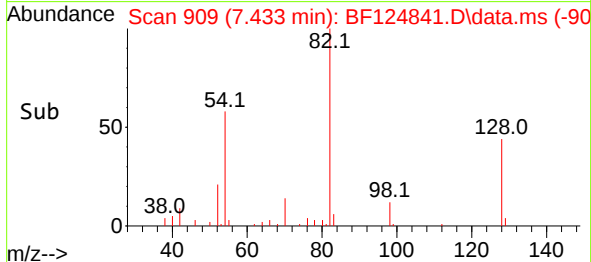
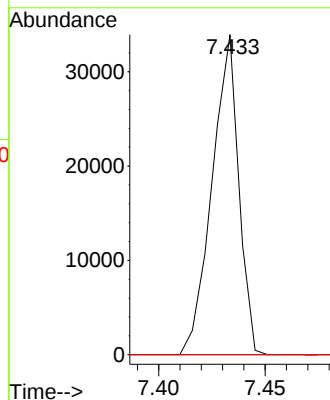
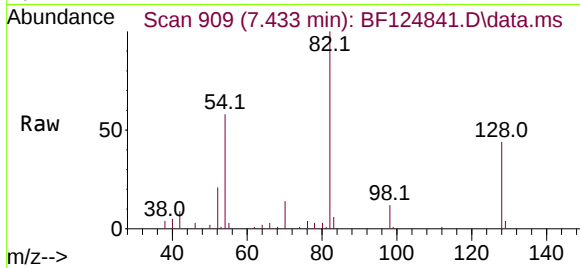




#25
Isophorone
Concen: 42.00 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

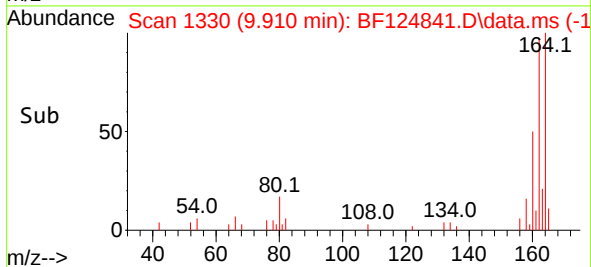
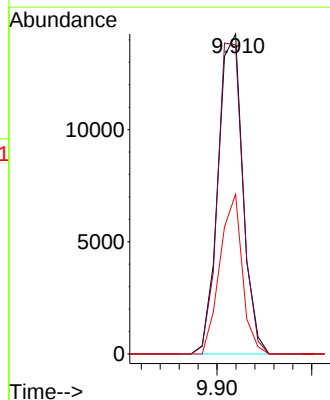
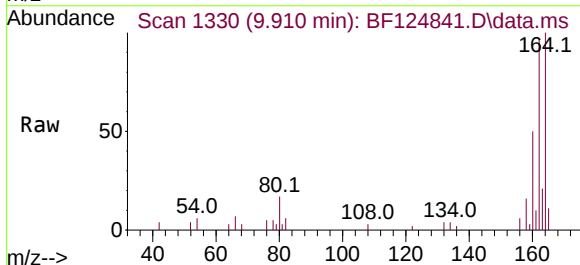
Instrument :
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ClientSampleId :
TP-8

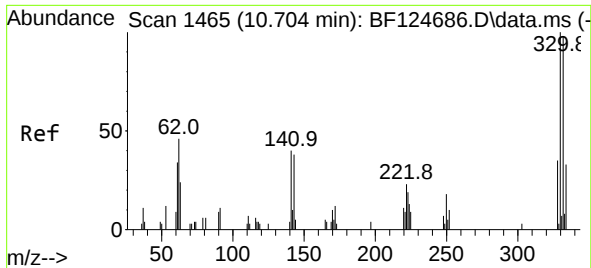
Tgt Ion: 82 Resp: 29544
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion: 164 Resp: 12981
Ion Ratio Lower Upper
164 100
162 96.6 81.3 121.9
160 49.9 38.0 57.0

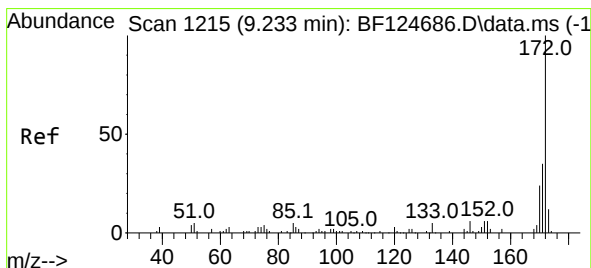
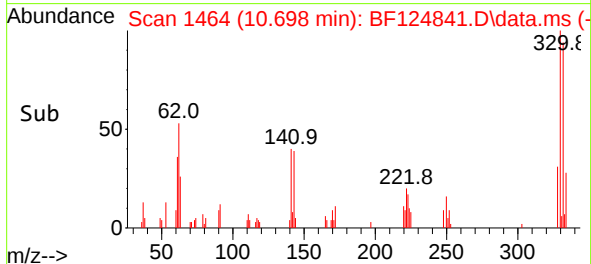
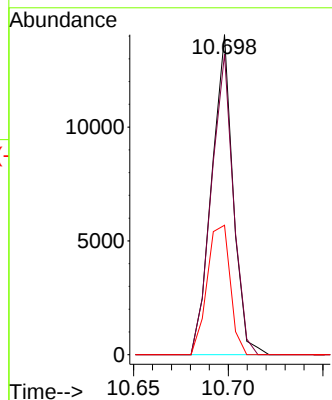
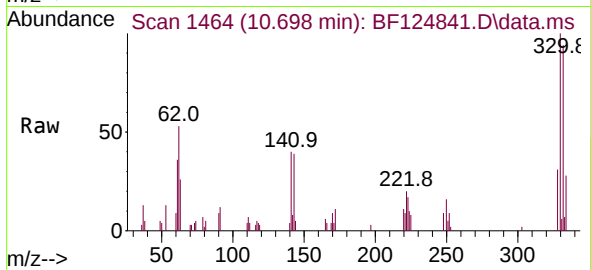




#42
2,4,6-Tribromophenol
Concen: 99.10 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

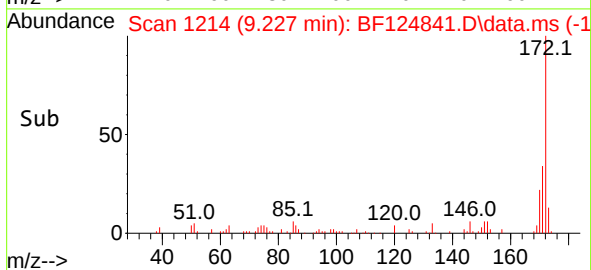
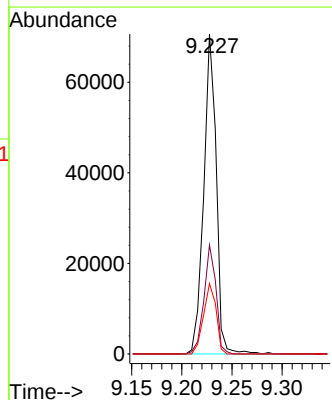
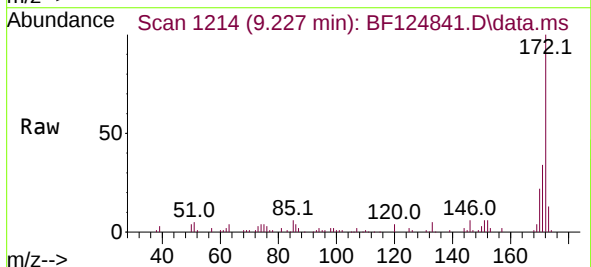
Instrument :
BNA_F
ClientSampled :
TP-8

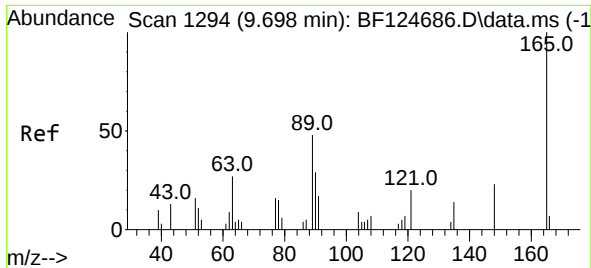
Tgt Ion: 330 Resp: 11045
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 43.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 69.78 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion: 172 Resp: 61675
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 22.0 18.8 28.2

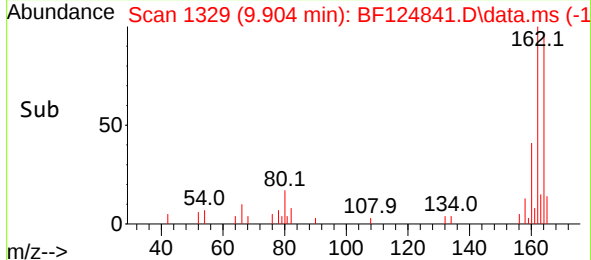
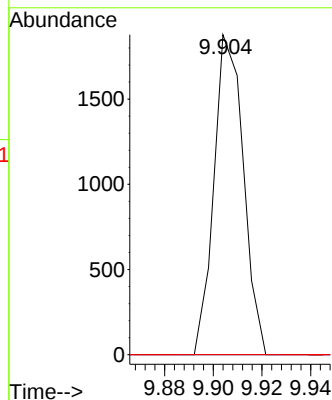
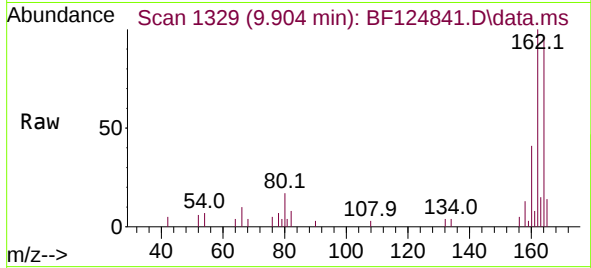




#51
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

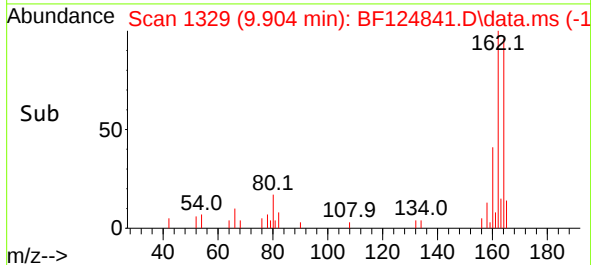
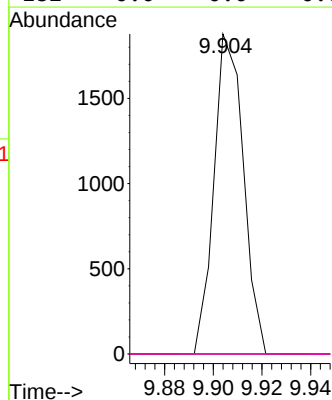
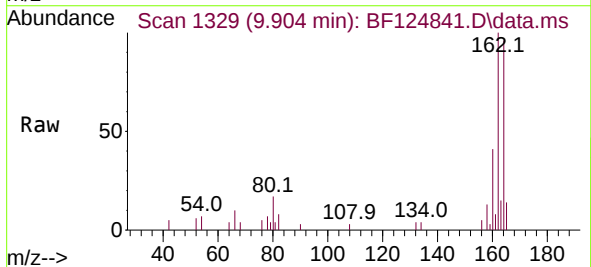
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BNA_F
ClientSampled :
TP-8

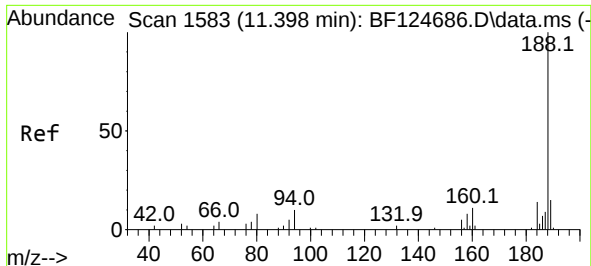
Tgt Ion:165 Resp: 1575
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion:165 Resp: 1575
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

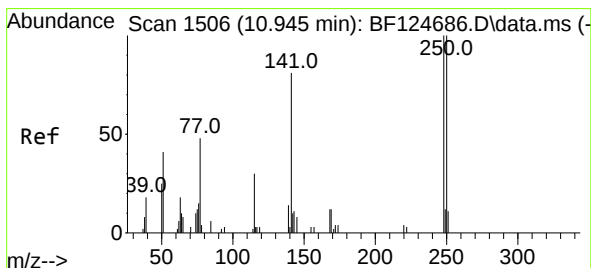
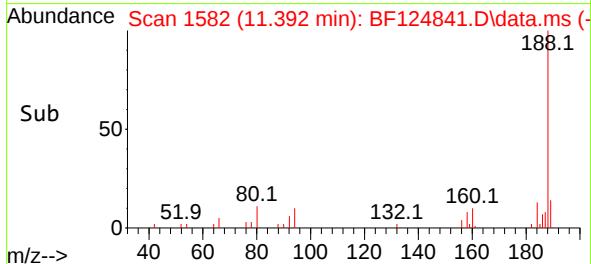
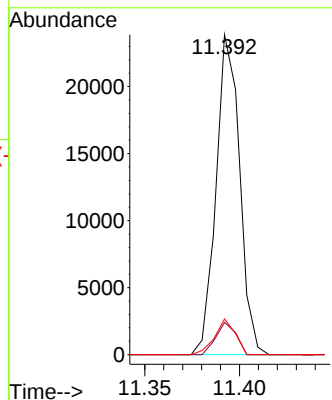
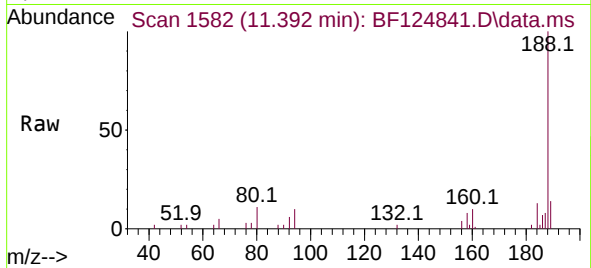




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

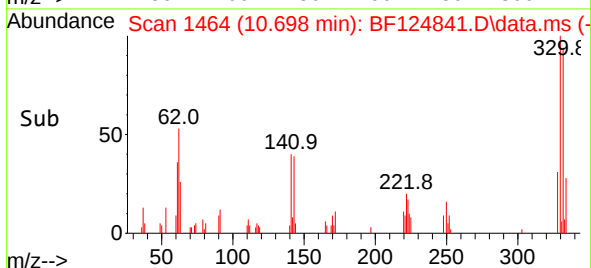
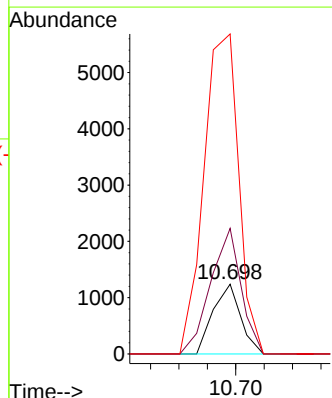
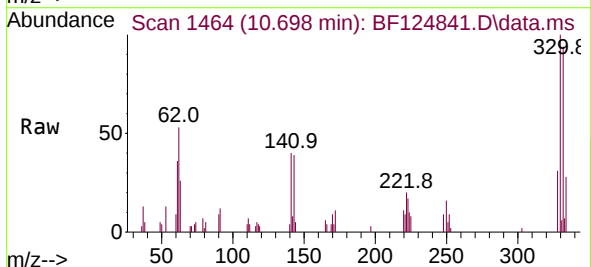
Instrument :
BNA_F
ClientSampled :
TP-8

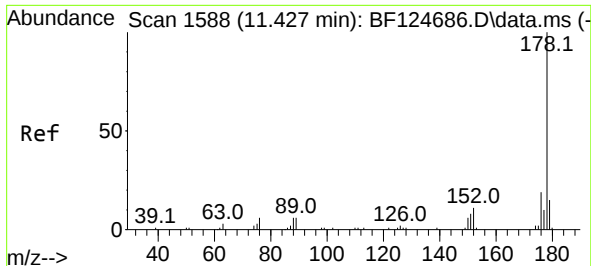
Tgt Ion:188 Resp: 20685
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1
80 11.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion:248 Resp: 836
Ion Ratio Lower Upper
248 100
250 180.1 74.2 111.4#
141 458.5 60.4 90.6#

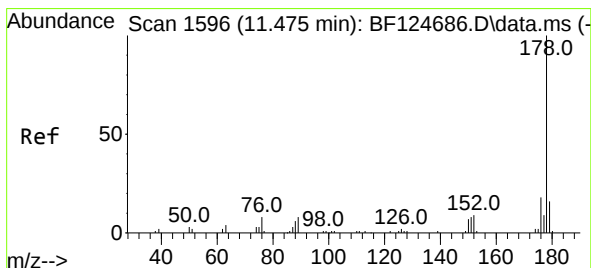
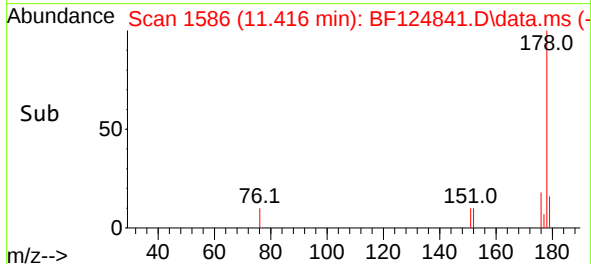
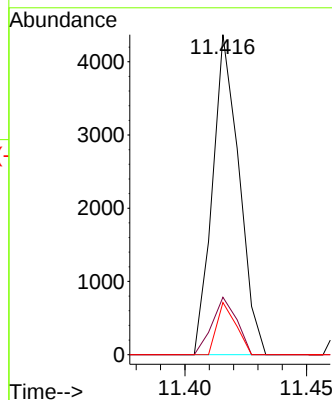
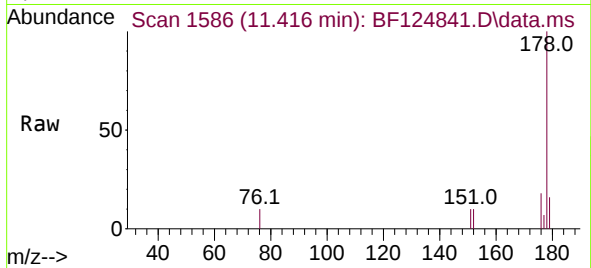




#71
Phenanthrene
Concen: 2.98 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

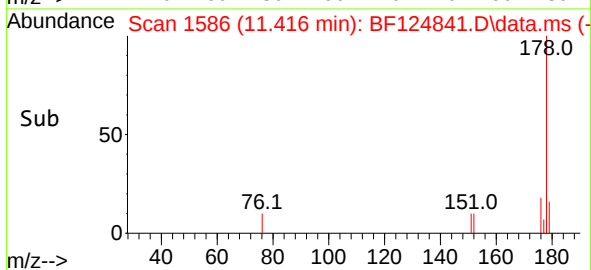
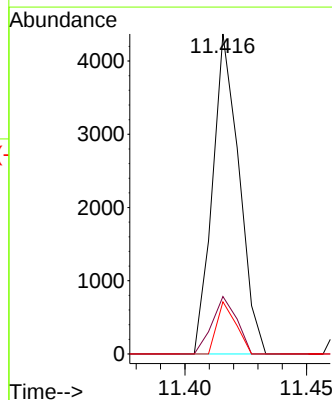
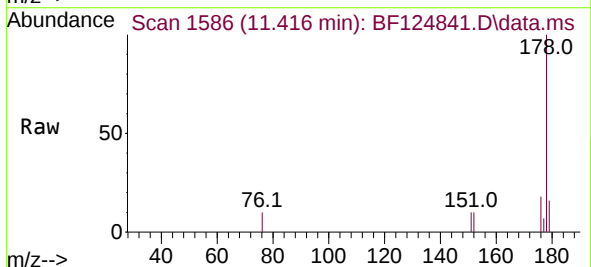
Instrument :
BNA_F
ClientSampled :
TP-8

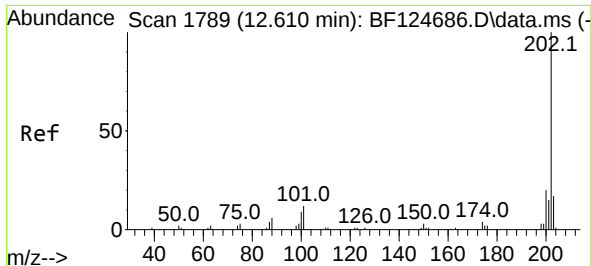
Tgt Ion:178 Resp: 3315
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 16.3 11.5 17.3



#72
Anthracene
Concen: 2.98 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.059 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion:178 Resp: 3315
Ion Ratio Lower Upper
178 100
176 18.0 14.3 21.5
179 16.3 12.2 18.4

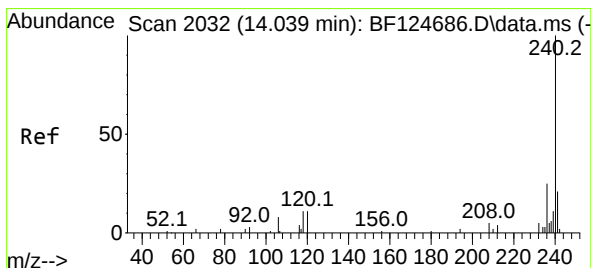
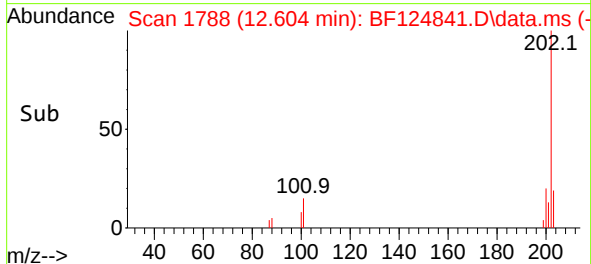
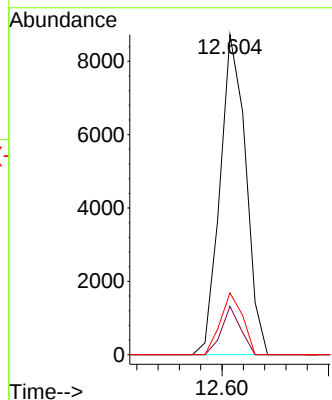
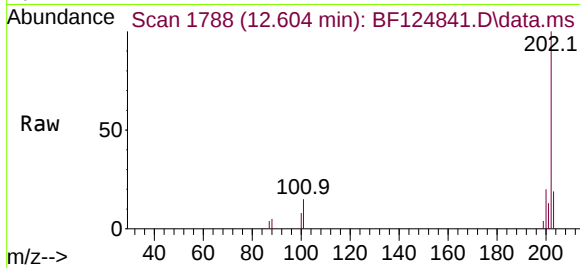




#75
Fluoranthene
Concen: 6.44 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

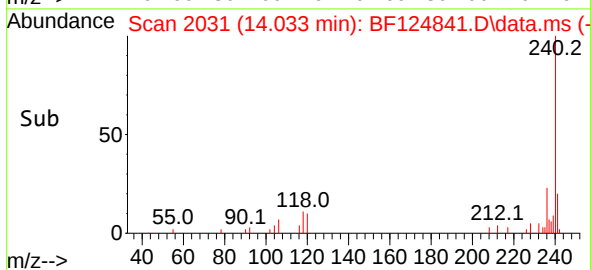
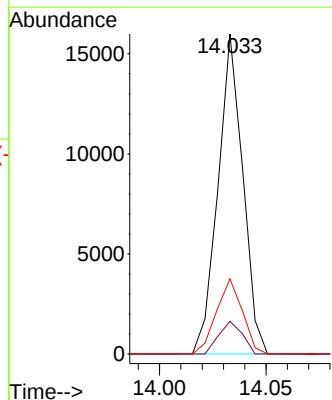
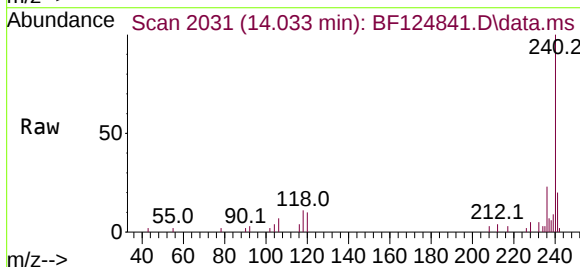
Instrument :
BNA_F
ClientSampled :
TP-8

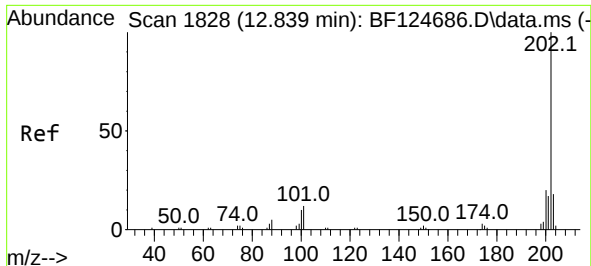
Tgt Ion:	202	Resp:	7315
Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	30.7
203	19.3	0.0	36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion:	240	Resp:	12941
Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.8	16.2#
236	23.4	21.6	32.4

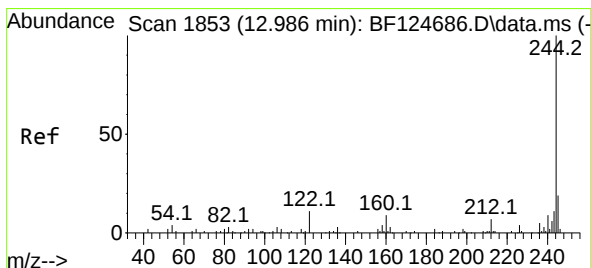
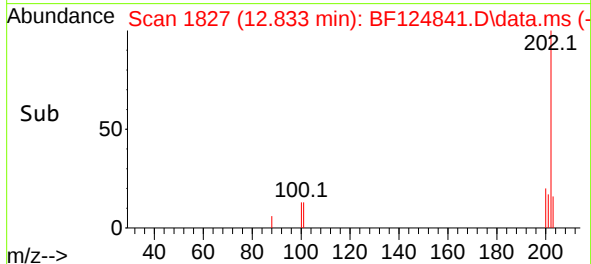
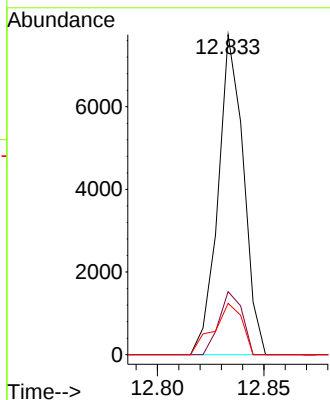
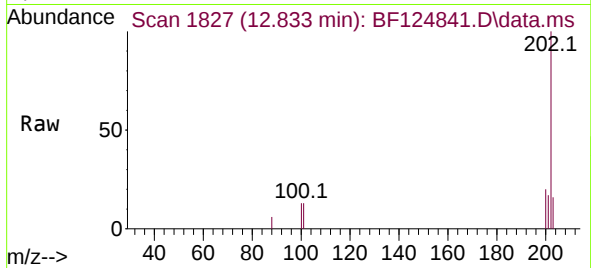




#78
Pyrene
Concen: 6.27 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

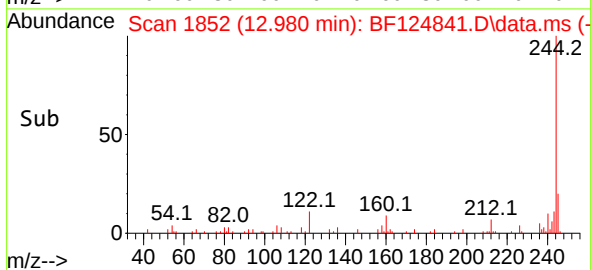
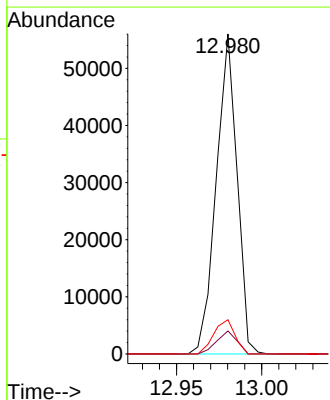
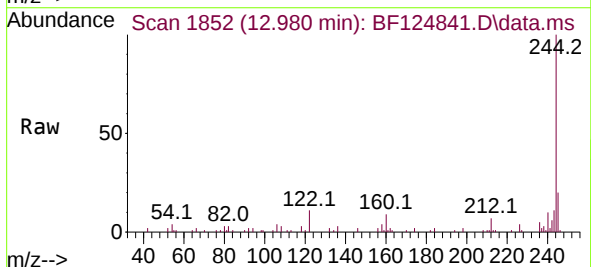
Instrument :
BNA_F
ClientSampled :
TP-8

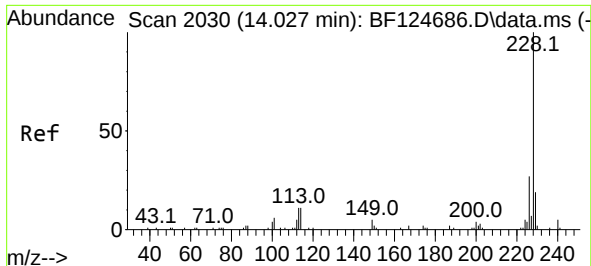
Tgt Ion:	202	Resp:	6422
Ion Ratio	Lower	Upper	
202	100		
200	19.7	15.3	22.9
203	16.1	13.4	20.0



#79
Terphenyl-d14
Concen: 62.92 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion:	244	Resp:	47505
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.9	8.9
122	10.7	9.0	13.4

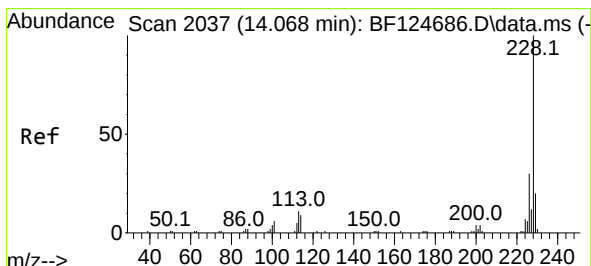
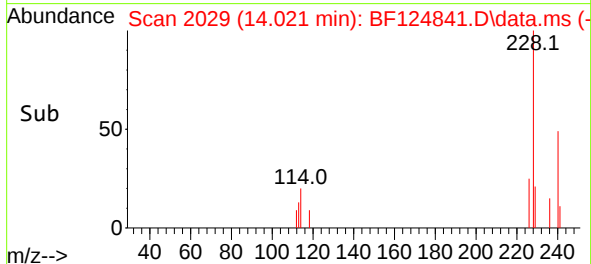
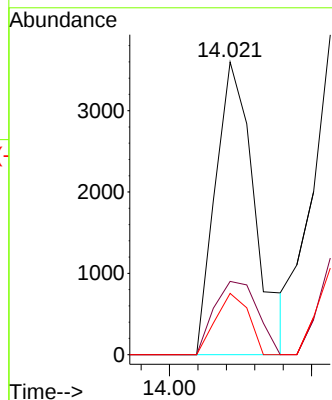
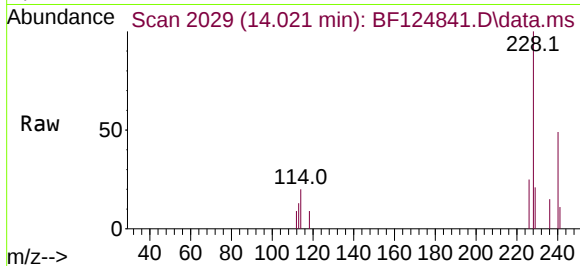




#81
Benzo(a)anthracene
Concen: 4.11 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

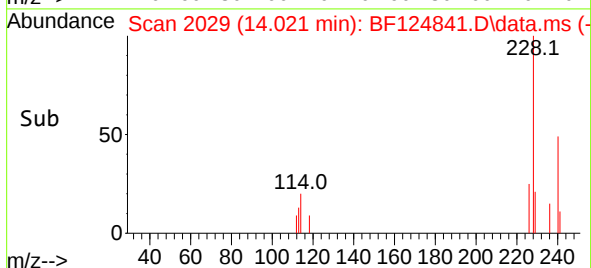
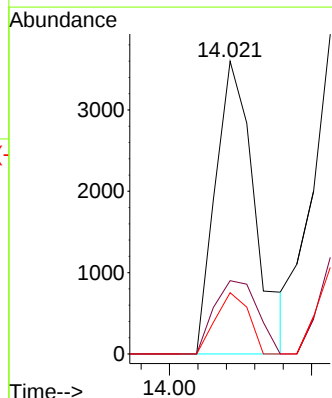
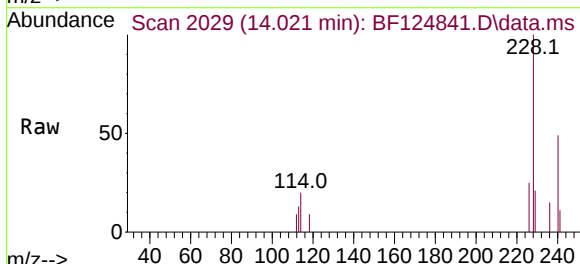
Instrument :
BNA_F
ClientSampled :
TP-8

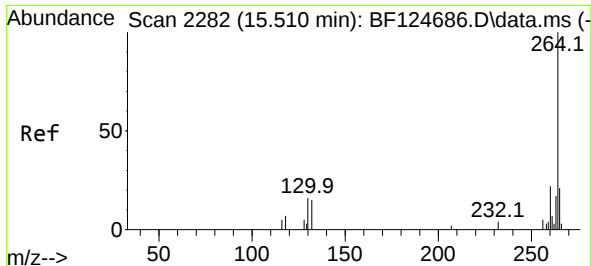
Tgt Ion:228	Resp:	3480
Ion Ratio	Lower	Upper
228	100	
226	25.0	21.6 32.4
229	20.9	15.6 23.4



#83
Chrysene
Concen: 4.27 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.047 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

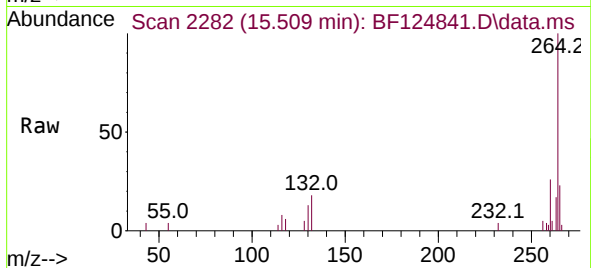
Tgt Ion:228	Resp:	3480
Ion Ratio	Lower	Upper
228	100	
226	25.0	22.6 34.0
229	20.9	15.9 23.9





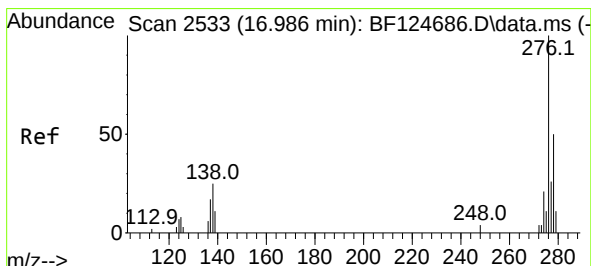
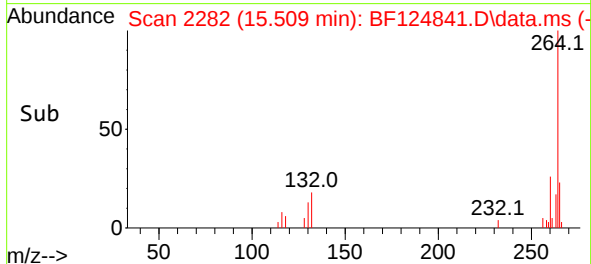
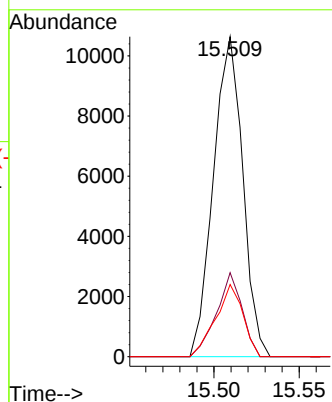
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Instrument :
BNA_F
ClientSampled :
TP-8



Tgt Ion:264 Resp: 12722

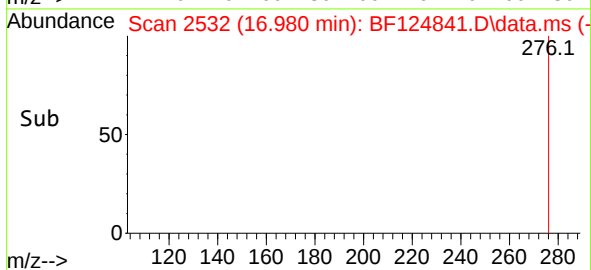
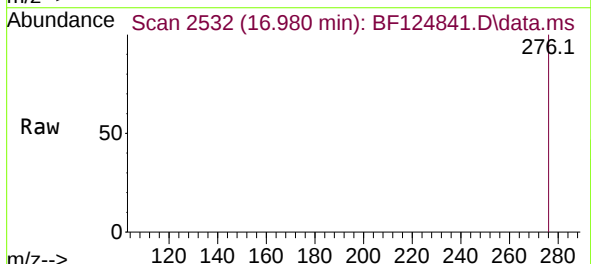
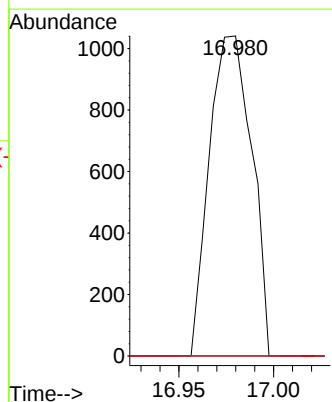
Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.6	29.4
265	22.6	17.2	25.8

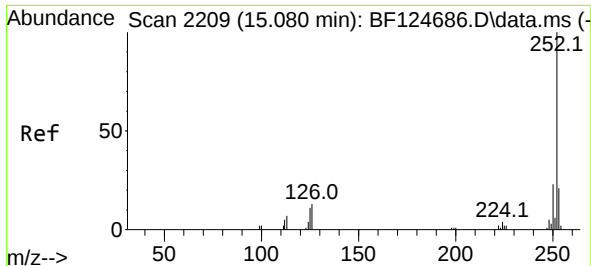


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.21 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion:276 Resp: 1622

Ion	Ratio	Lower	Upper
276	100		
138	0.0	24.1	36.1#
277	0.0	18.8	28.2#

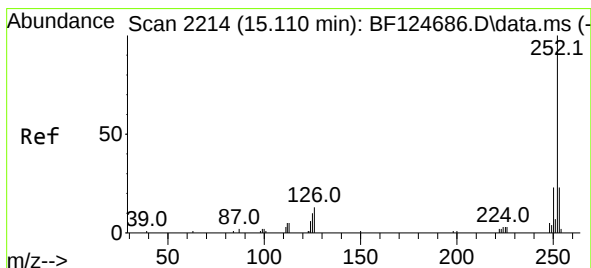
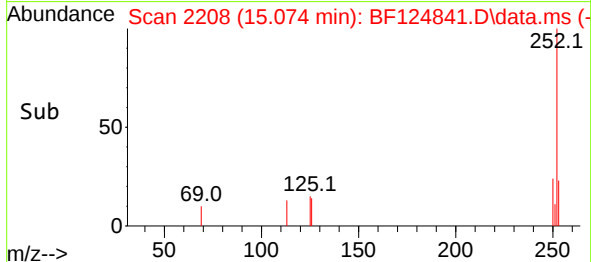
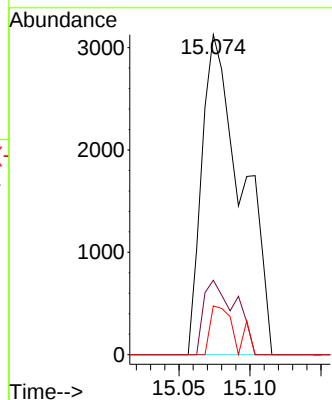
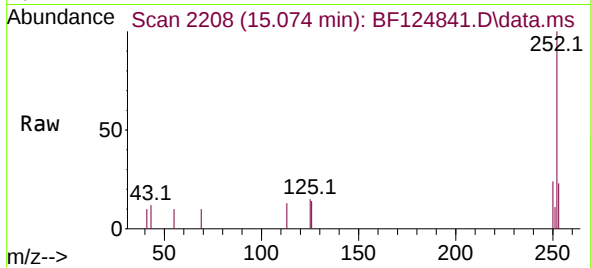




#88
Benzo(b)fluoranthene
Concen: 6.83 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

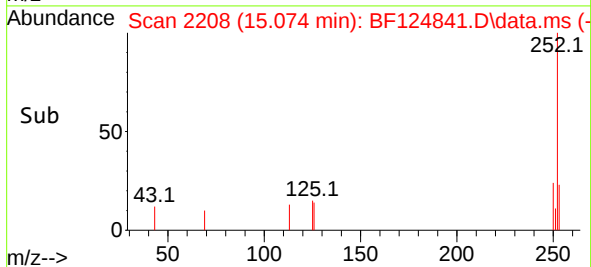
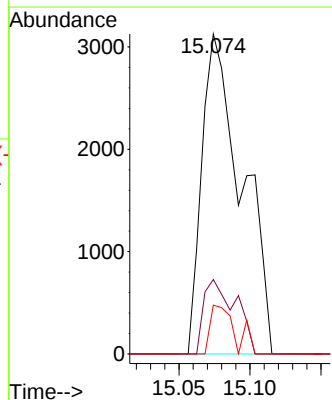
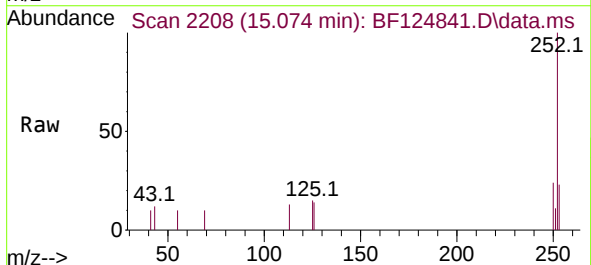
Instrument :
BNA_F
ClientSampled :
TP-8

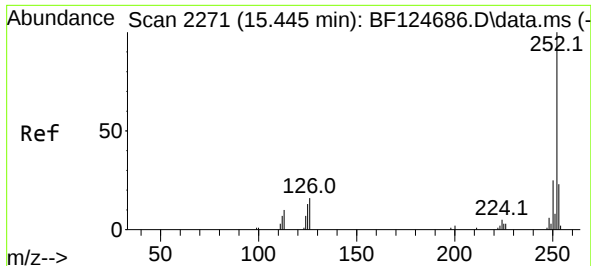
Tgt Ion:252 Resp: 6115
Ion Ratio Lower Upper
252 100
253 23.2 16.8 25.2
125 15.3 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 7.47 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.035 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion:252 Resp: 6115
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 15.3 7.2 10.8#

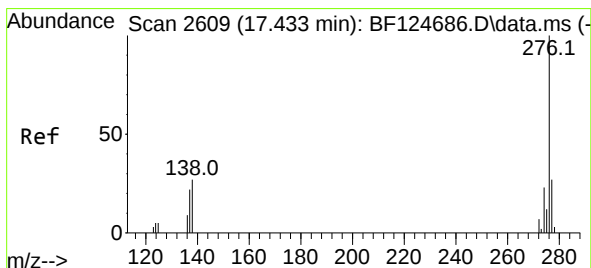
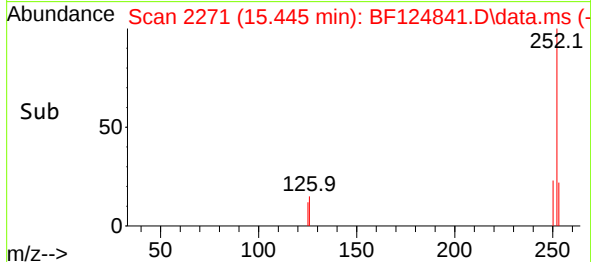
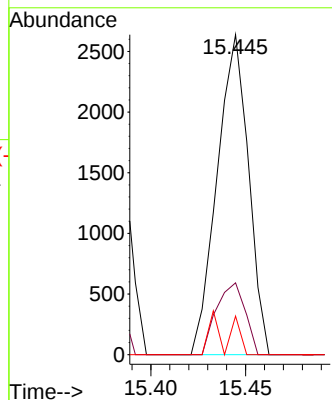
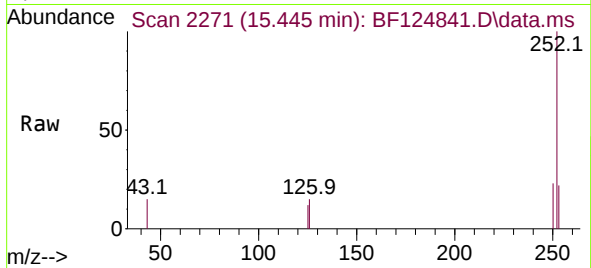




#90
Benzo(a)pyrene
Concen: 4.06 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Instrument :
BNA_F
ClientSampled :
TP-8

Tgt Ion:252 Resp: 3035
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 12.1 9.9 14.9



#92
Benzo(g,h,i)perylene
Concen: 2.37 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF124841.D
Acq: 28 Jul 2021 22:38

Tgt Ion:276 Resp: 1447
Ion Ratio Lower Upper
276 100
277 0.0 22.0 33.0#
138 0.0 22.2 33.4#

