

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124165.D
 Acq On : 7 Jun 2021 19:45
 Operator : JU/CG
 Sample : M2597-03RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042

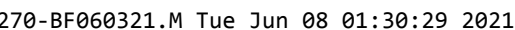
Quant Time: Jun 08 01:30:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

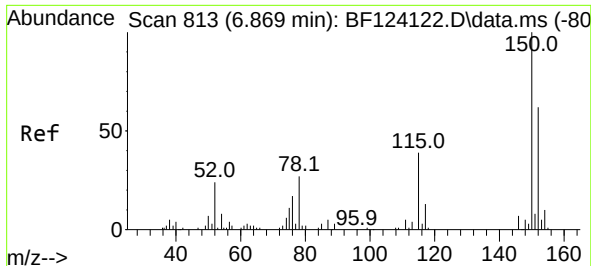
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	33511	20.00	ng	-0.01
21) Naphthalene-d8	8.139	136	128272	20.00	ng	-0.01
39) Acenaphthene-d10	9.898	164	76735	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	128439	20.00	ng	# 0.00
76) Chrysene-d12	14.027	240	83173	20.00	ng	0.00
86) Perylene-d12	15.509	264	81166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	205565	92.34	ng	0.00
7) Phenol-d6	6.504	99	261192	87.29	ng	0.00
23) Nitrobenzene-d5	7.422	82	201352	62.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	77078	70.90	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	346628	56.84	ng	-0.01
79) Terphenyl-d14	12.974	244	297822	49.16	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	29034	13.75	ng	# 68
25) Isophorone	7.422	82	201349	34.55	ng	# 69
51) 2,6-Dinitrotoluene	9.898	165	9716	6.67	ng	# 15
57) 2,4-Dinitrotoluene	9.898	165	9716	5.06	ng	# 20
67) 4-Bromophenyl-phenylether	10.686	248	5506	3.12	ng	# 1
71) Phenanthrene	11.410	178	57192	7.13	ng	94
75) Fluoranthene	12.598	202	62212	7.39	ng	95
77) Benzidine	12.968	184	5440	6.63	ng	# 85
78) Pyrene	12.827	202	50937	6.38	ng	99
81) Benzo(a)anthracene	14.051	228	18751	3.09	ng	98
83) Chrysene	14.051	228	18751	3.21	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	16160	4.19	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.986	276	9540	5.62	ng	# 84
88) Benzo(b)fluoranthene	15.074	252	37026	5.87	ng	# 87
89) Benzo(k)fluoranthene	15.074	252	37026	6.20	ng	# 87
90) Benzo(a)pyrene	15.445	252	18072	3.30	ng	# 94
91) Dibenzo(a,h)anthracene	16.998	278	3715	4.76	ng	# 84
92) Benzo(g,h,i)perylene	17.445	276	9165	5.29	ng	# 96

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

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QLast Update : Mon Jun 07 13:32:21 2021
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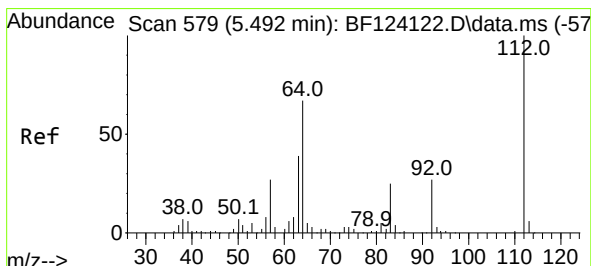
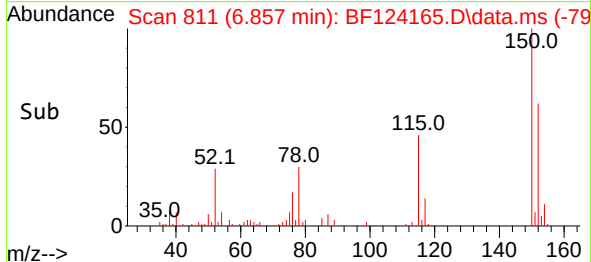
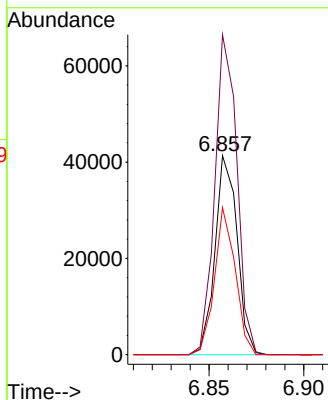
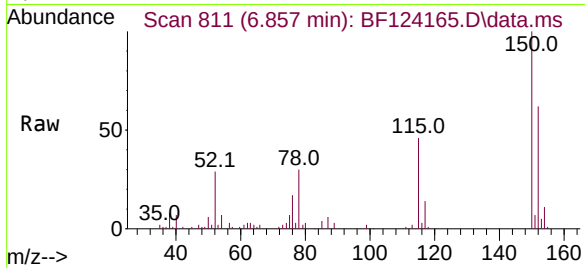




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

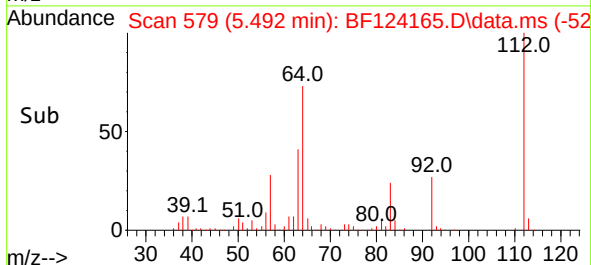
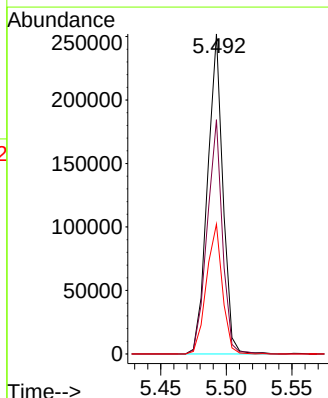
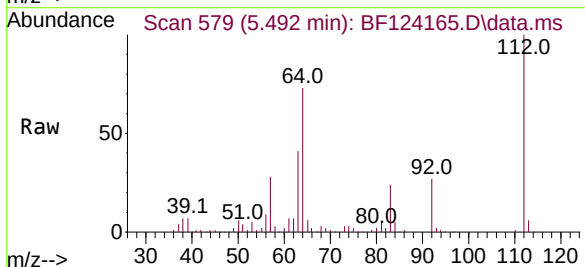
Instrument :
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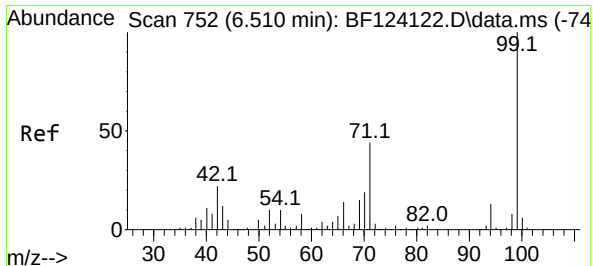
Tgt Ion:152 Resp: 33511
Ion Ratio Lower Upper
152 100
150 160.8 127.0 190.6
115 73.9 54.3 81.5



#5
2-Fluorophenol
Concen: 92.34 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:112 Resp: 205565
Ion Ratio Lower Upper
112 100
64 73.2 61.4 92.0
63 40.6 33.0 49.4

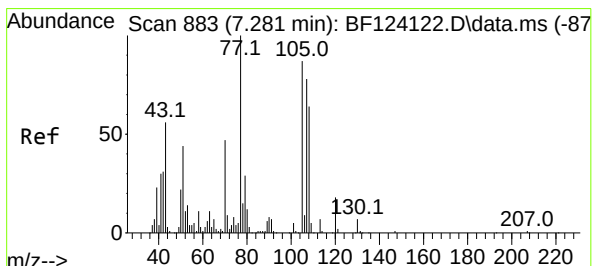
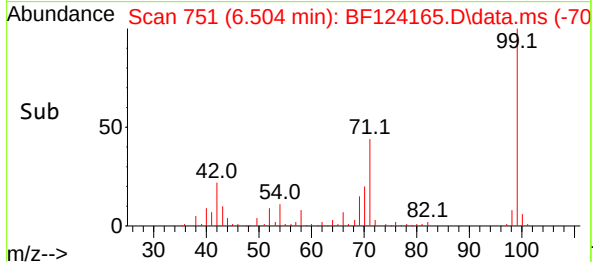
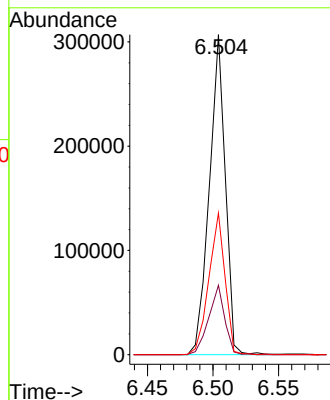
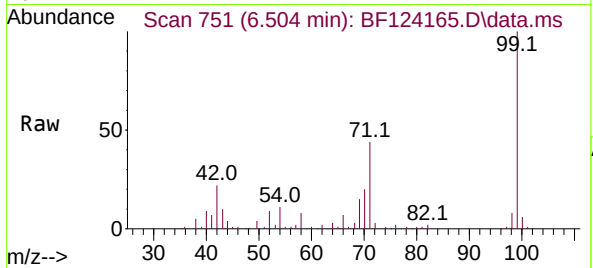




#7
Phenol-d6
Concen: 87.29 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

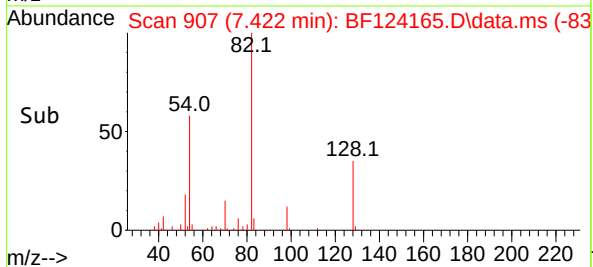
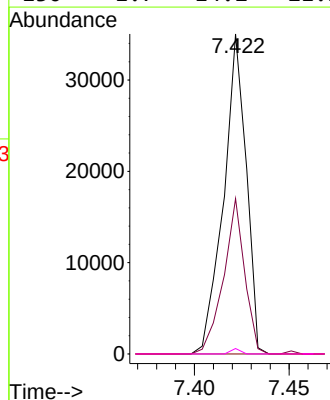
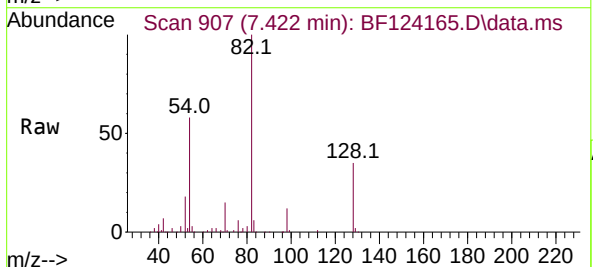
Instrument :
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ClientSampleId :
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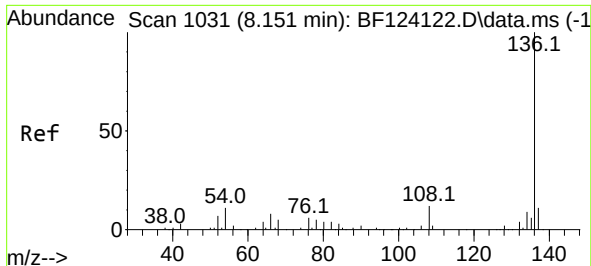
Tgt Ion: 99 Resp: 261192
Ion Ratio Lower Upper
99 100
42 21.7 19.8 29.8
71 44.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.75 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

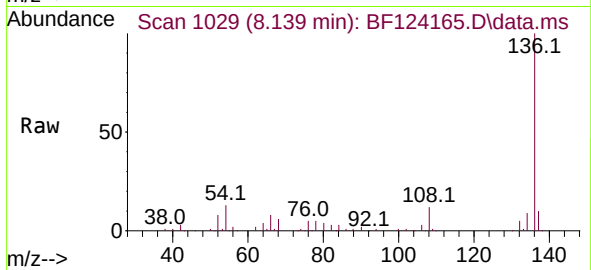
Tgt Ion: 70 Resp: 29034
Ion Ratio Lower Upper
70 100
42 48.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#



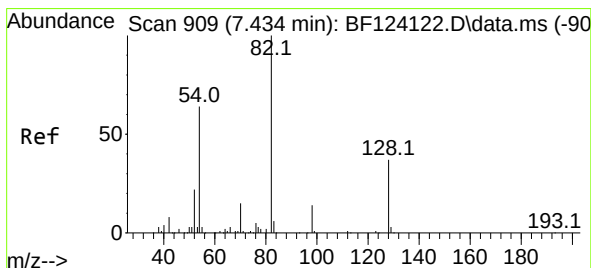
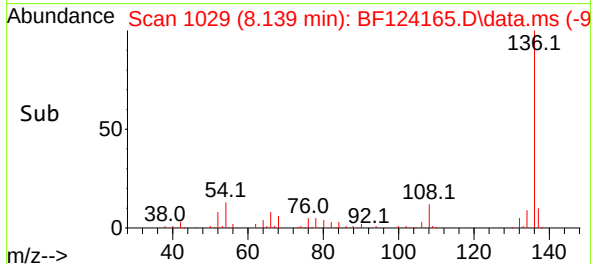
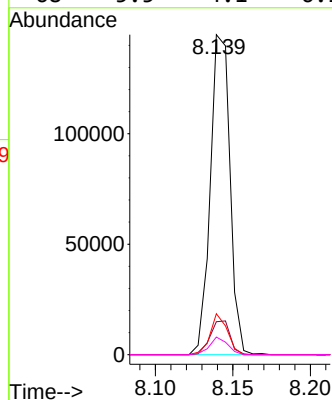


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Instrument :
BNA_F
ClientSampled :
124042

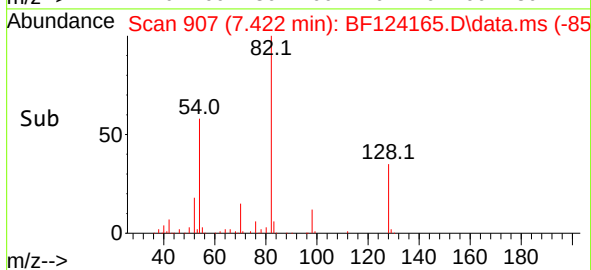
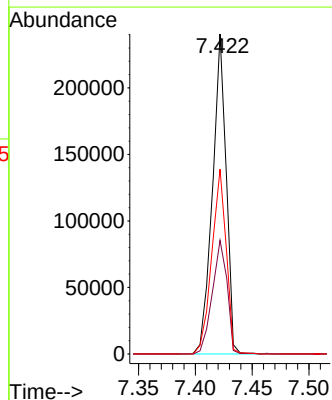
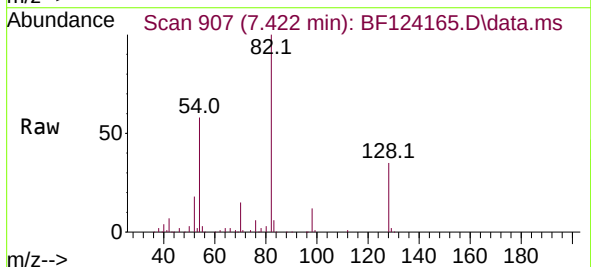


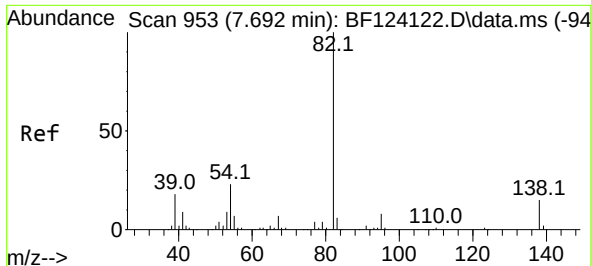
Tgt Ion:	136	Resp:	128272
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.7	13.1
54	12.8	9.8	14.6
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 62.26 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:	82	Resp:	201352
Ion Ratio	Lower	Upper	
82	100		
128	35.5	29.4	44.2
54	57.8	54.1	81.1

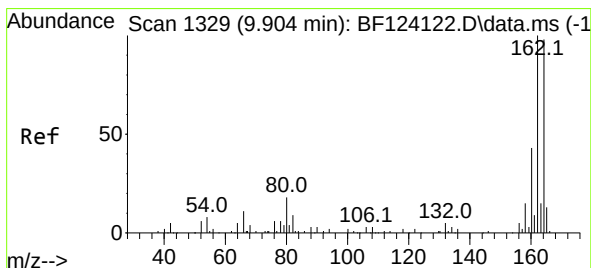
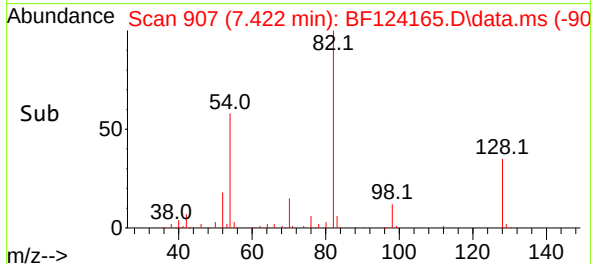
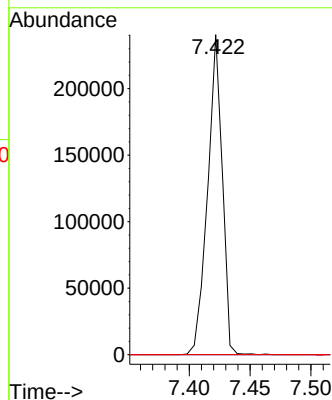
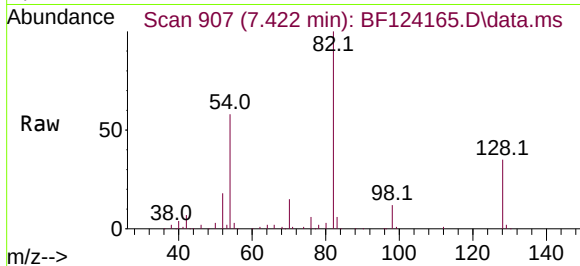




#25
Isophorone
Concen: 34.55 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

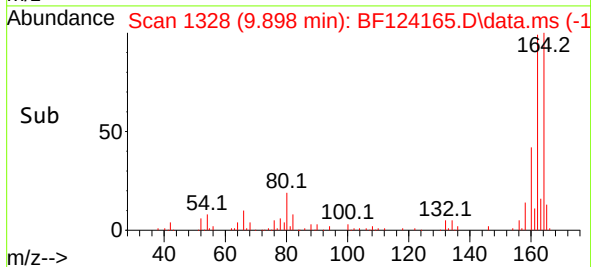
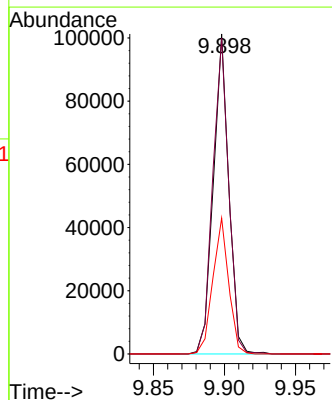
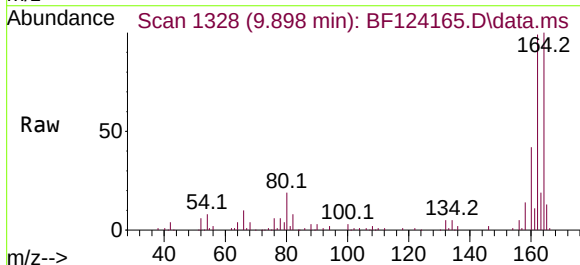
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ClientSampleId :
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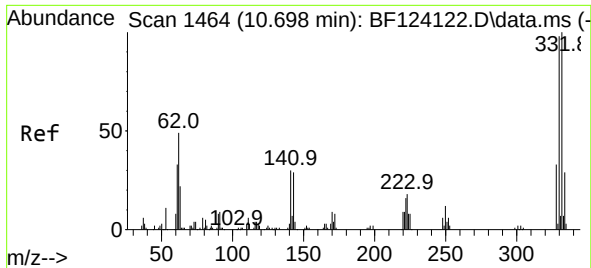
Tgt Ion: 82 Resp: 201349
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:164 Resp: 76735
Ion Ratio Lower Upper
164 100
162 98.7 80.7 121.1
160 42.4 37.3 55.9

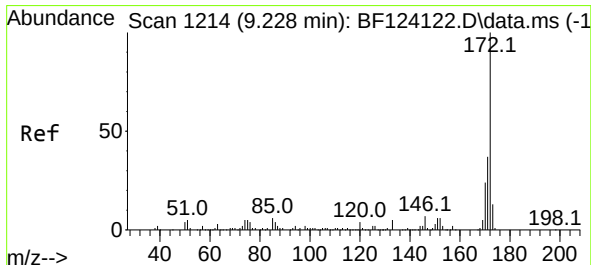
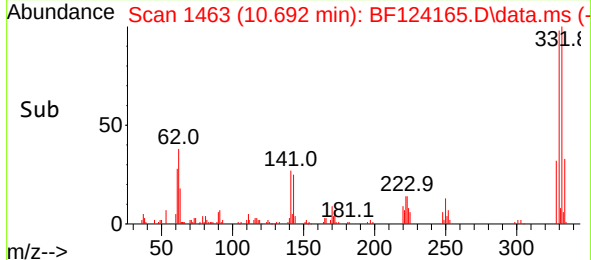
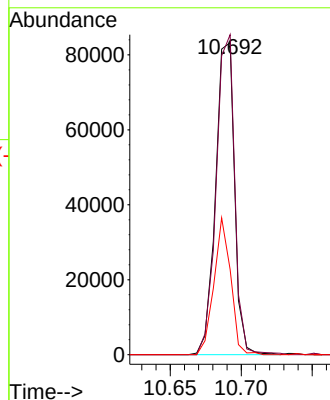
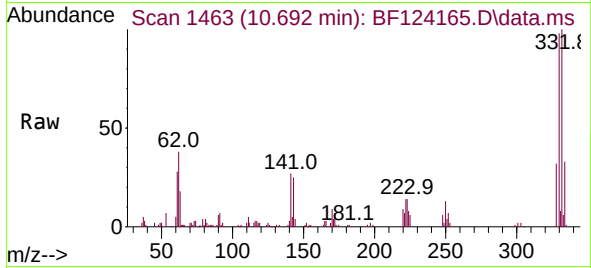




#42
2,4,6-Tribromophenol
Concen: 70.90 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

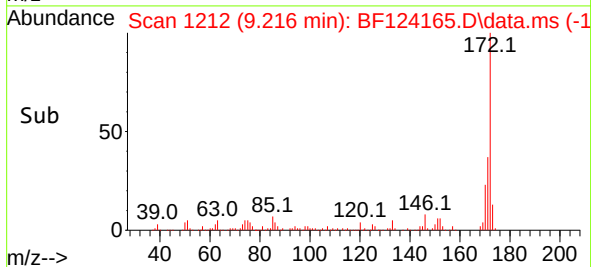
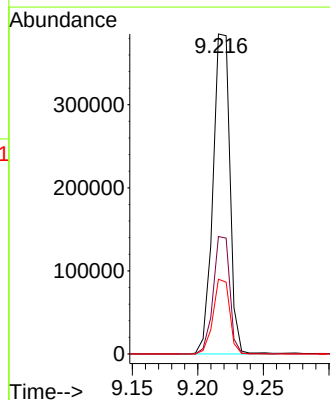
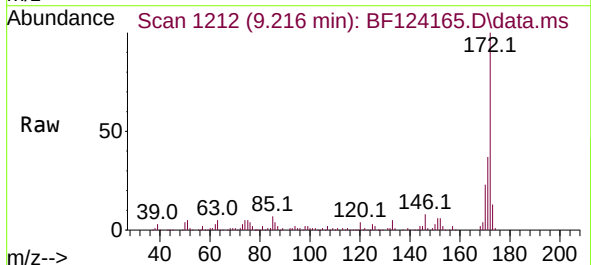
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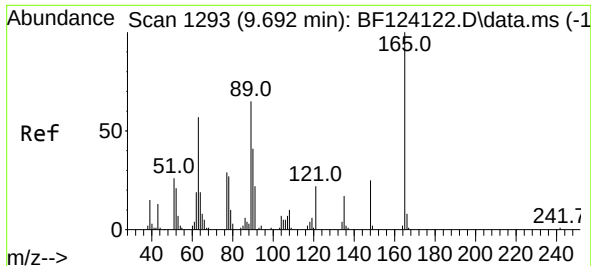
Tgt Ion:330 Resp: 77078
Ion Ratio Lower Upper
330 100
332 100.0 77.1 115.7
141 38.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 56.84 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:172 Resp: 346628
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 23.3 19.2 28.8

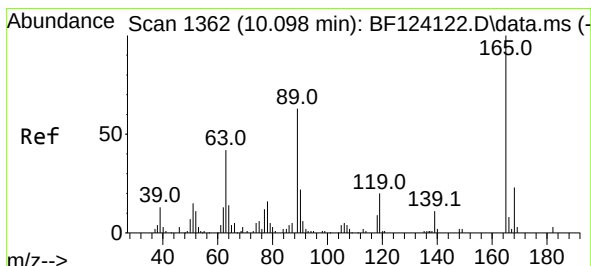
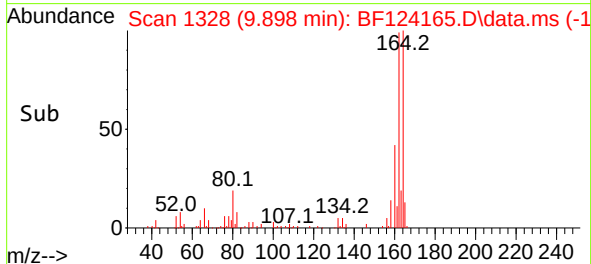
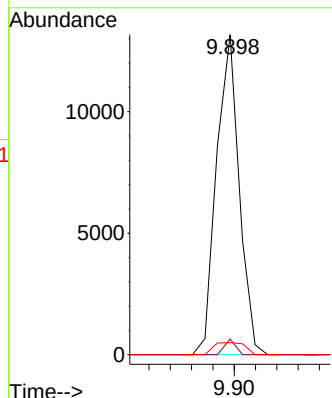
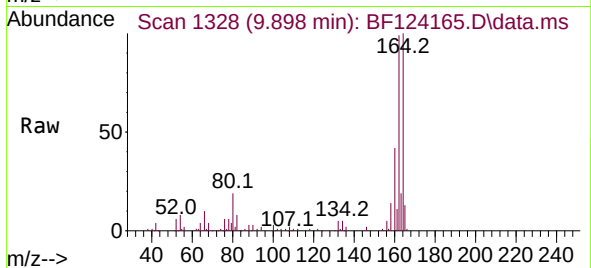




#51
2,6-Dinitrotoluene
Concen: 6.67 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

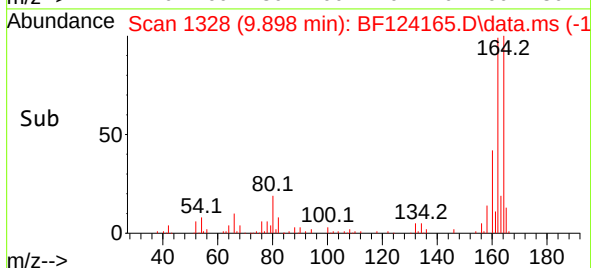
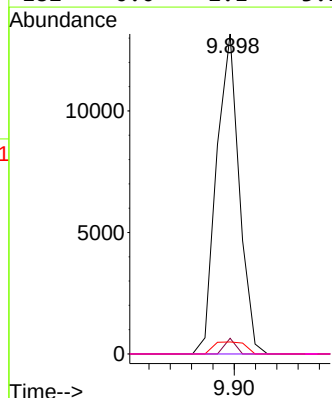
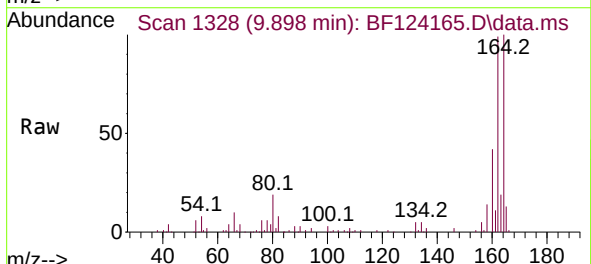
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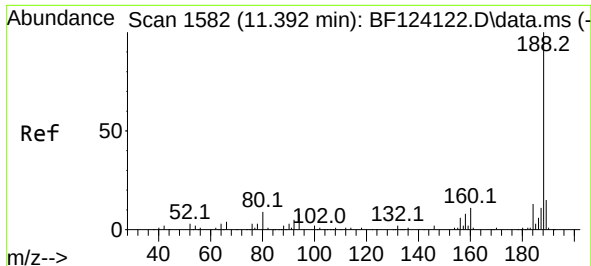
Tgt Ion:165 Resp: 9716
Ion Ratio Lower Upper
165 100
63 4.9 67.7 101.5#
89 3.7 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.06 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:165 Resp: 9716
Ion Ratio Lower Upper
165 100
63 4.9 43.5 65.3#
89 3.7 67.7 101.5#
182 0.0 2.1 3.1#

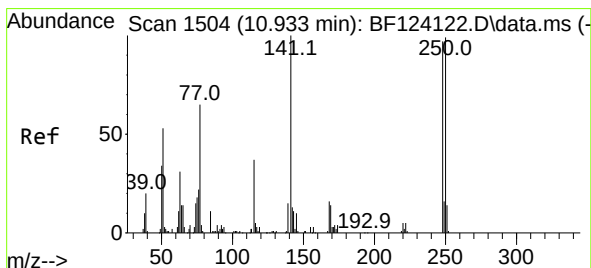
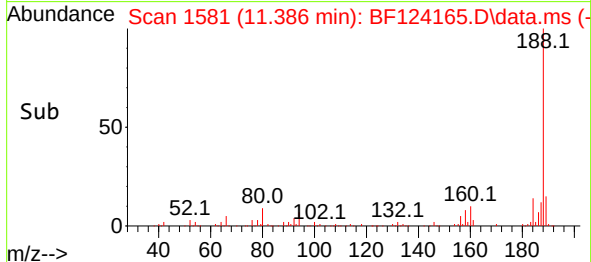
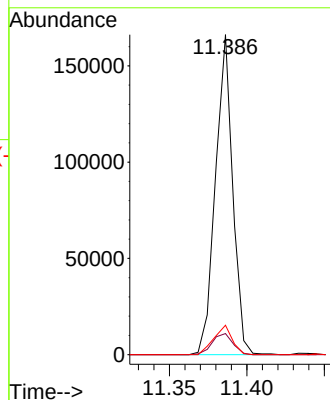
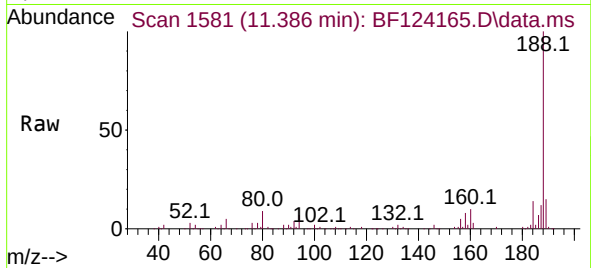




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

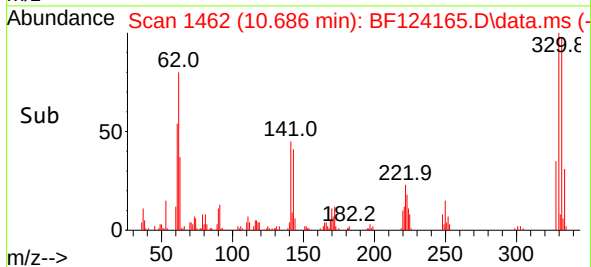
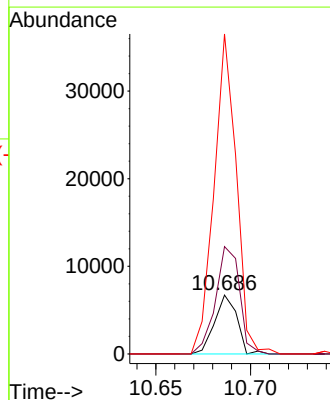
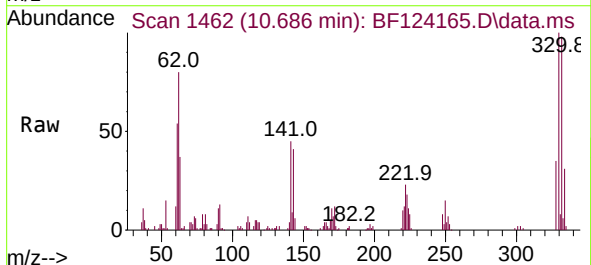
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ClientSampleId :
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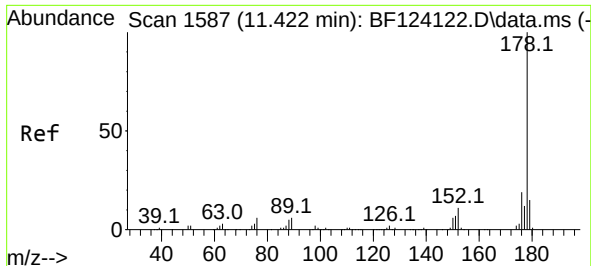
Tgt Ion:188 Resp: 128439
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 9.2 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:248 Resp: 5506
Ion Ratio Lower Upper
248 100
250 182.1 77.4 116.2#
141 543.0 63.7 95.5#

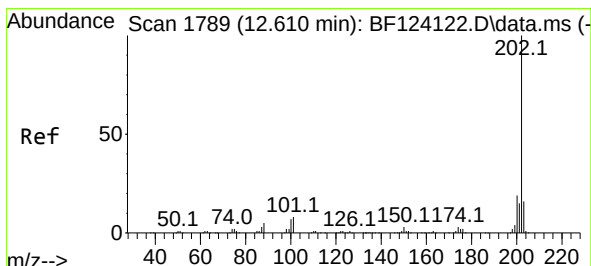
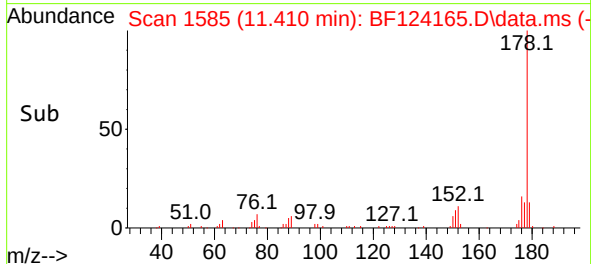
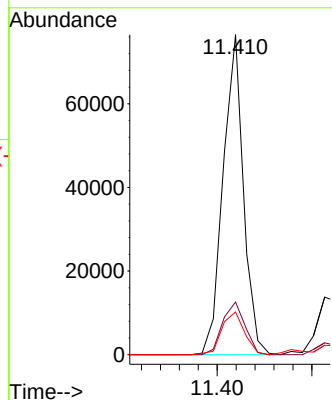
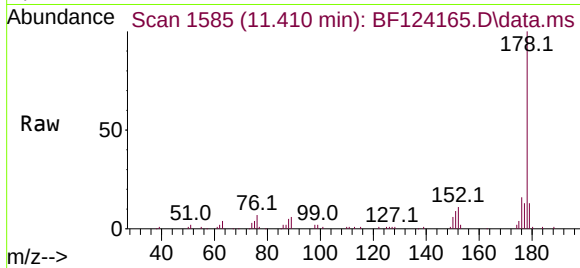




#71
Phenanthrene
Concen: 7.13 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

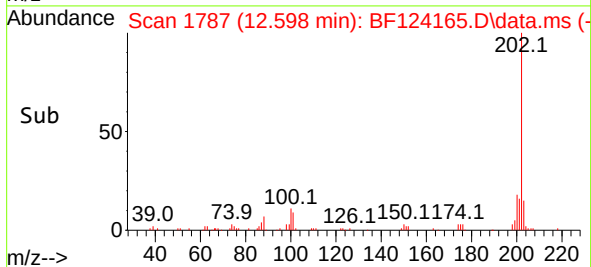
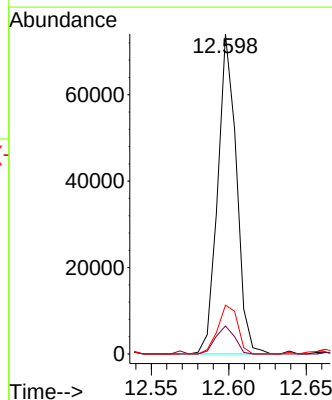
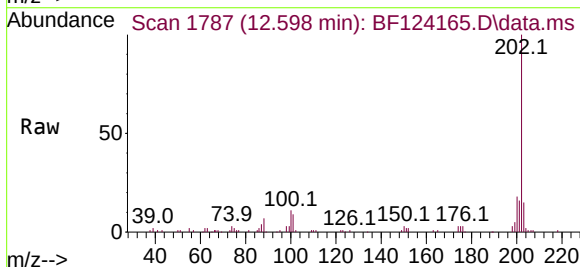
Instrument :
BNA_F
ClientSampleId :
124042

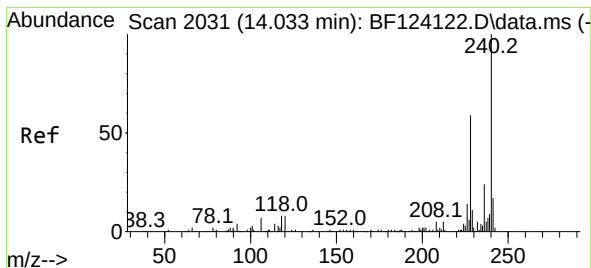
Tgt Ion:178 Resp: 57192
Ion Ratio Lower Upper
178 100
176 16.5 15.6 23.4
179 13.4 12.5 18.7



#75
Fluoranthene
Concen: 7.39 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:202 Resp: 62212
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.9
203 15.3 0.0 37.5

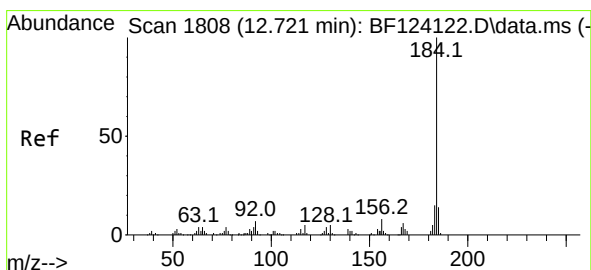
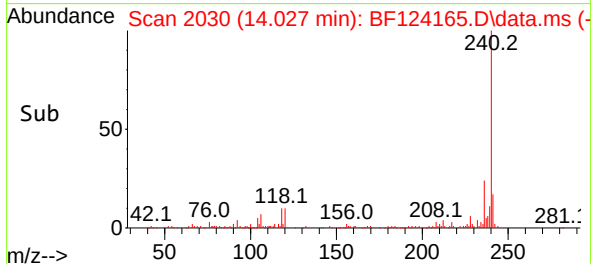
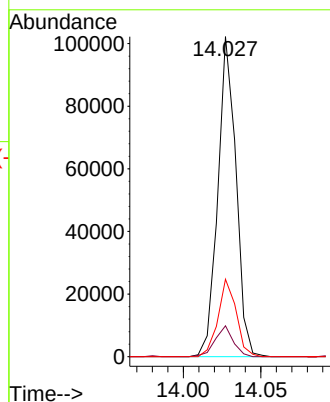
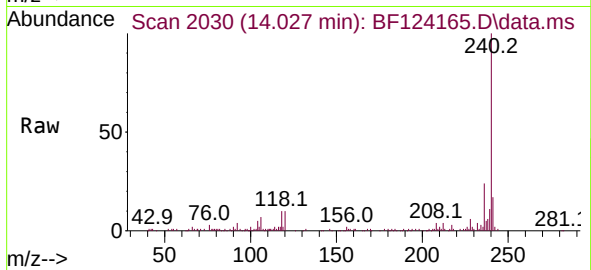




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

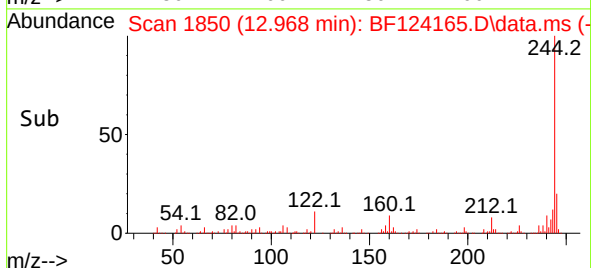
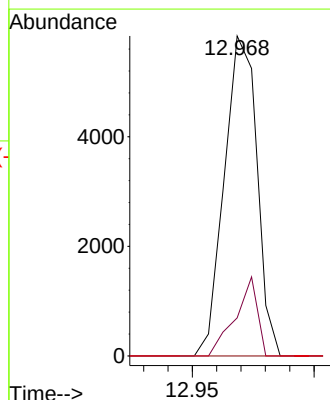
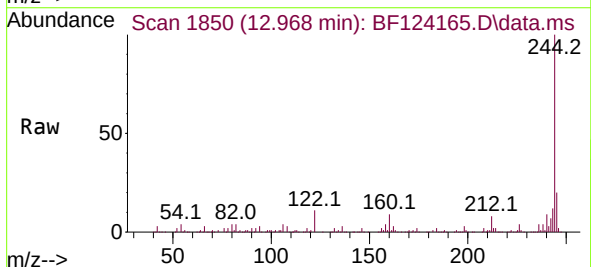
Instrument :
BNA_F
ClientSampleId :
124042

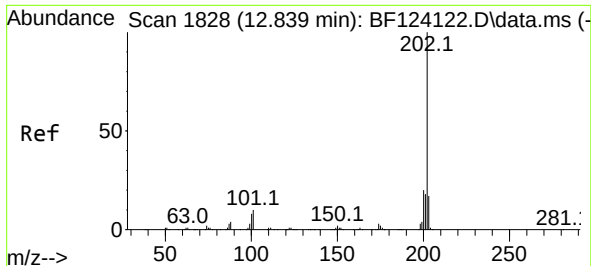
Tgt Ion:240 Resp: 83173
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 24.2 19.0 28.4



#77
Benzidine
Concen: 6.63 ng
RT: 12.968 min Scan# 1850
Delta R.T. 0.247 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:184 Resp: 5440
Ion Ratio Lower Upper
184 100
185 11.9 12.1 18.1#
183 0.0 7.8 11.8#

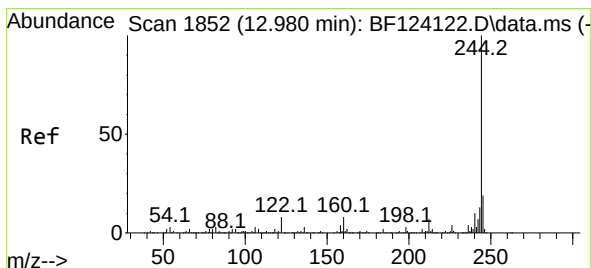
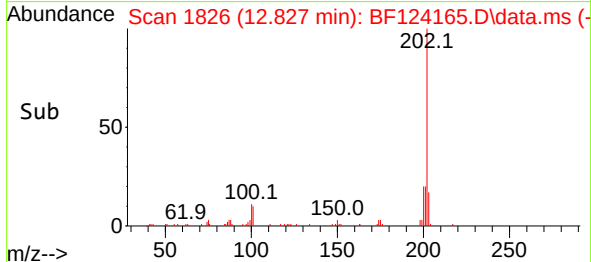
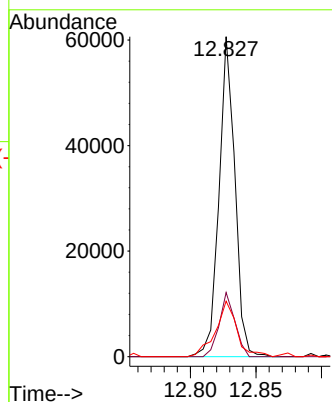
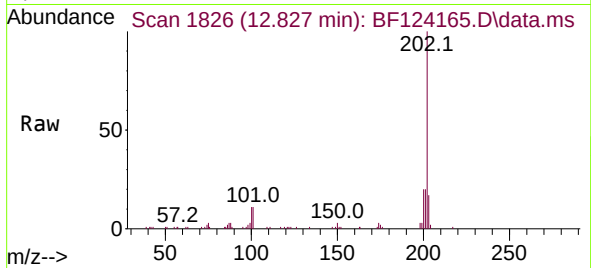




#78
Pyrene
Concen: 6.38 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

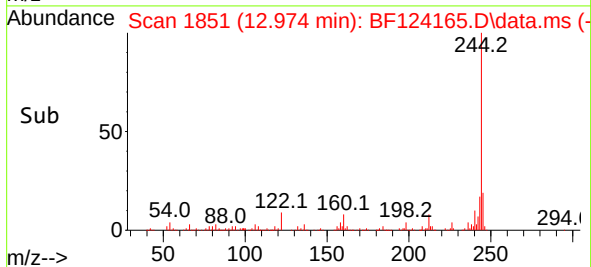
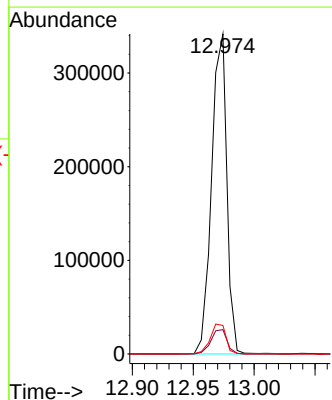
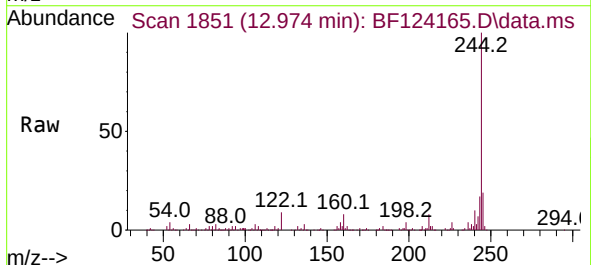
Instrument :
BNA_F
ClientSampleId :
124042

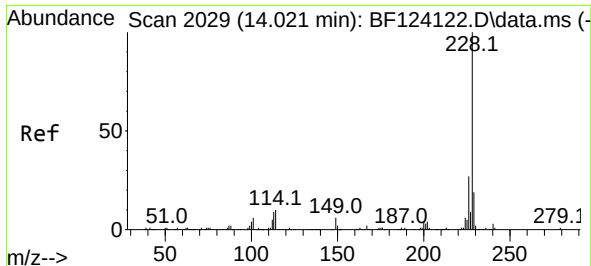
Tgt Ion:202 Resp: 50937
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.4 14.8 22.2



#79
Terphenyl-d14
Concen: 49.16 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:244 Resp: 297822
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 8.9 9.7 14.5#

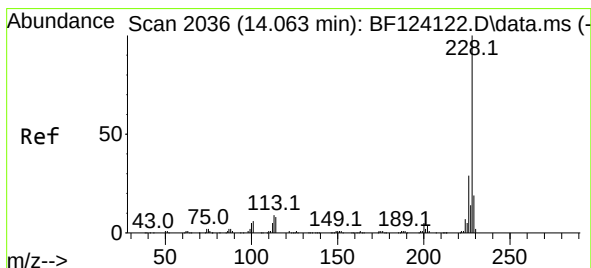
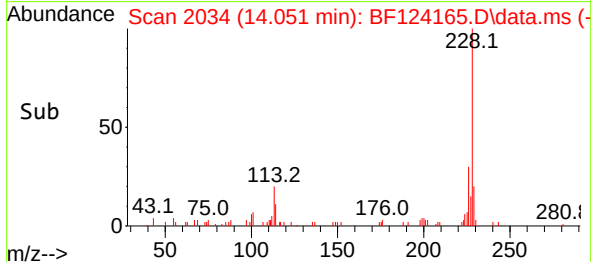
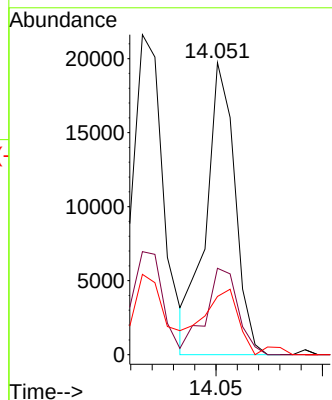
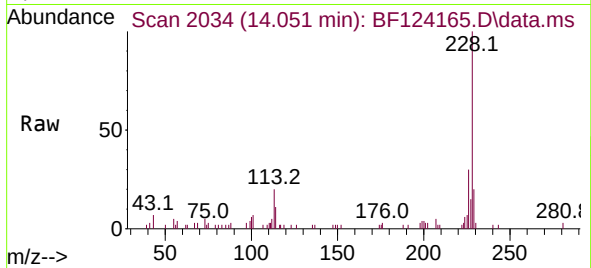




#81
Benzo(a)anthracene
Concen: 3.09 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.029 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

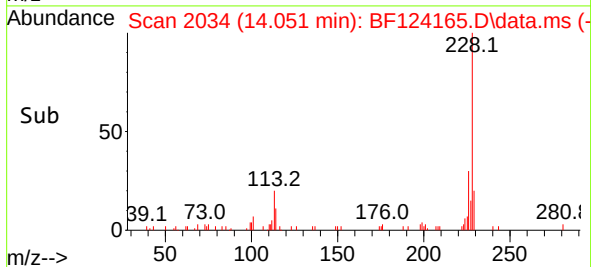
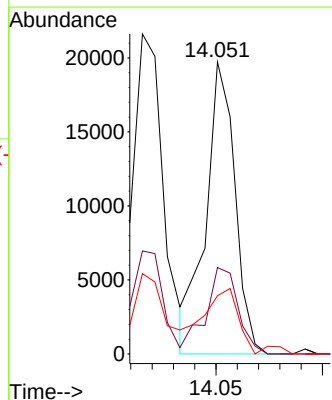
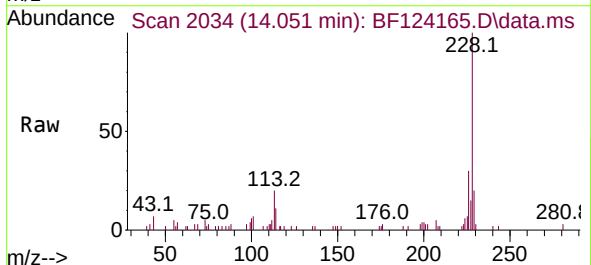
Instrument :
BNA_F
ClientSampleId :
124042

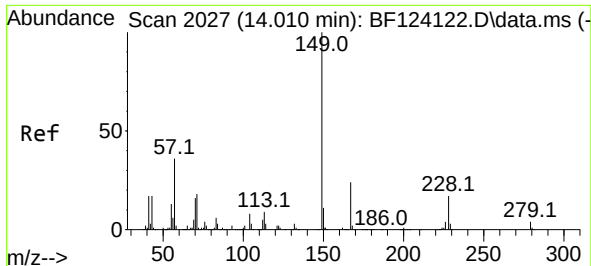
Tgt Ion:228 Resp: 18751
Ion Ratio Lower Upper
228 100
226 29.6 22.4 33.6
229 19.9 16.0 24.0



#83
Chrysene
Concen: 3.21 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:228 Resp: 18751
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 19.9 16.2 24.2

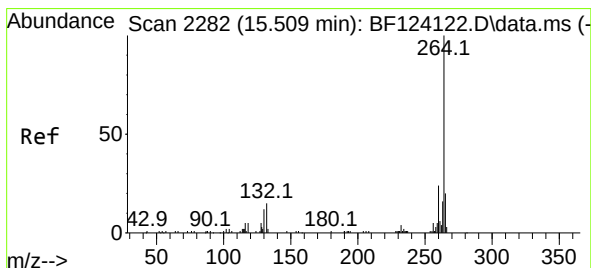
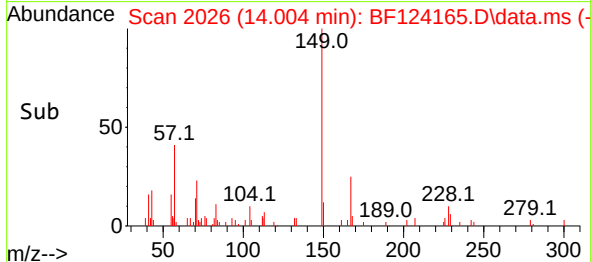
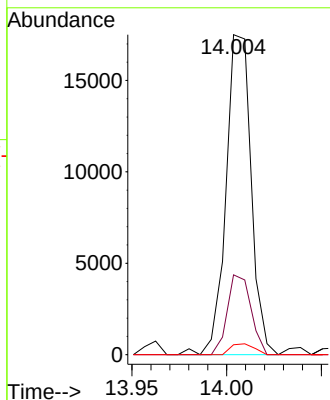
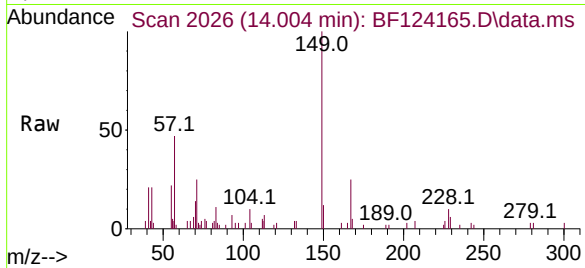




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.19 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

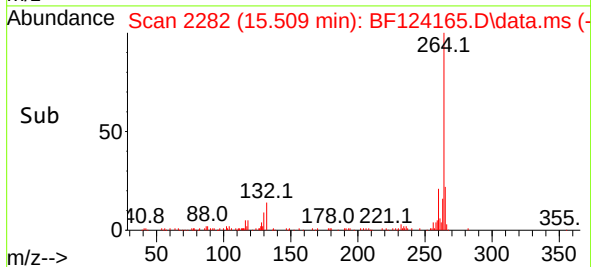
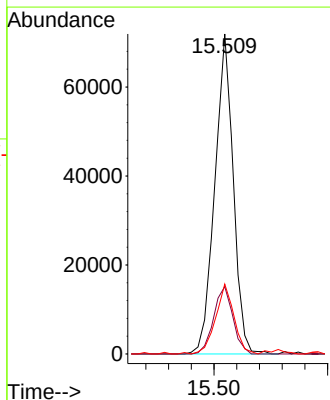
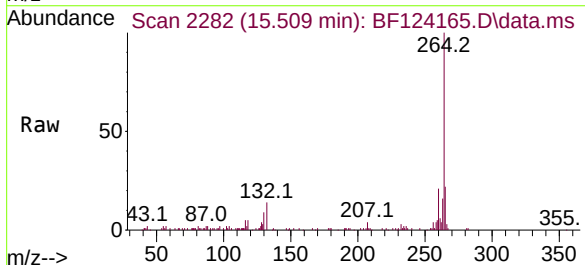
Instrument :
BNA_F
ClientSampleId :
124042

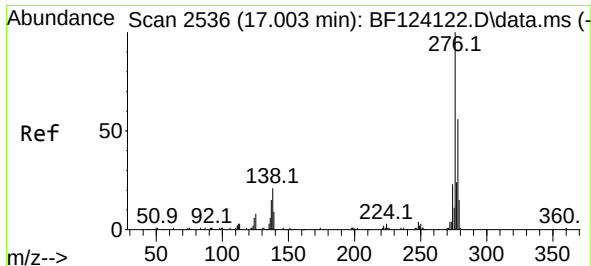
Tgt Ion:149 Resp: 16160
Ion Ratio Lower Upper
149 100
167 24.9 21.8 32.6
279 3.1 3.3 4.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:264 Resp: 81166
Ion Ratio Lower Upper
264 100
260 21.0 18.7 28.1
265 21.9 17.8 26.8

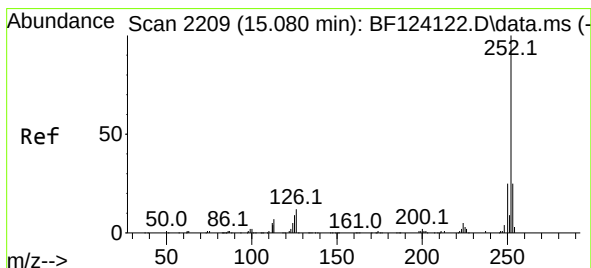
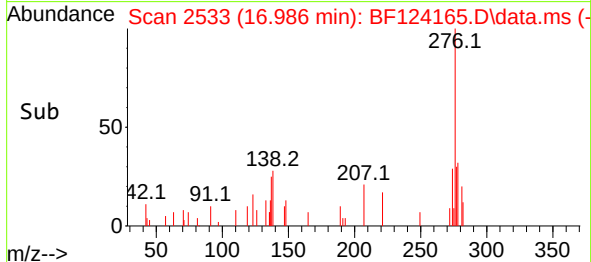
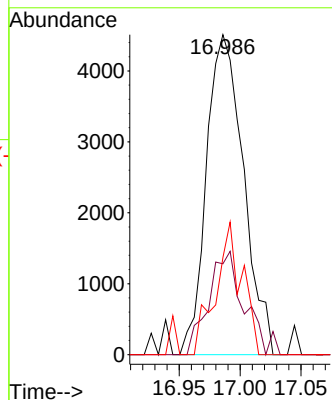
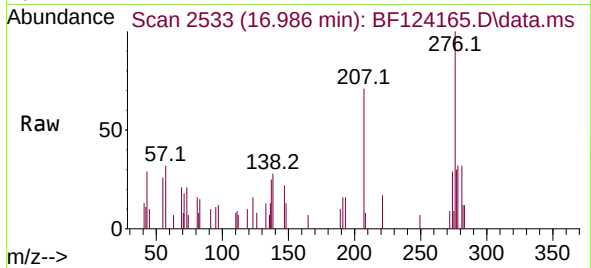




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.62 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.017 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

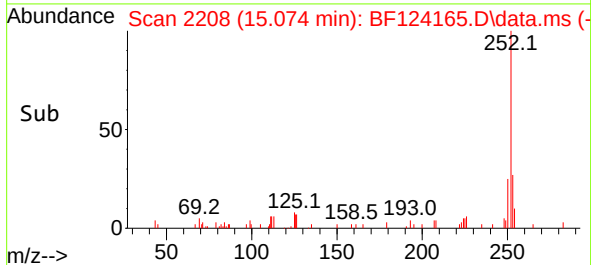
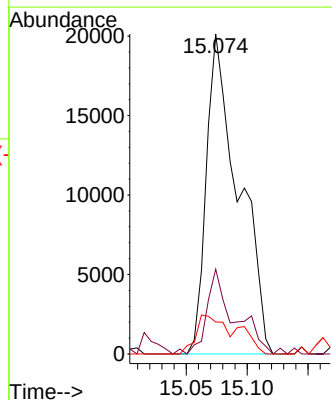
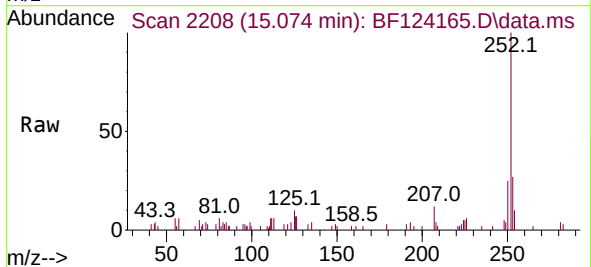
Instrument :
BNA_F
ClientSampleId :
124042

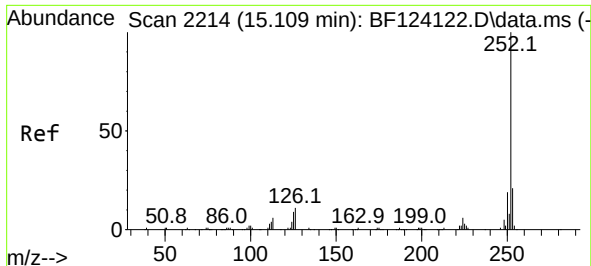
Tgt Ion:276 Resp: 9540
Ion Ratio Lower Upper
276 100
138 31.2 16.2 24.2#
277 29.6 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 5.87 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:252 Resp: 37026
Ion Ratio Lower Upper
252 100
253 26.5 18.1 27.1
125 17.2 6.2 9.4#

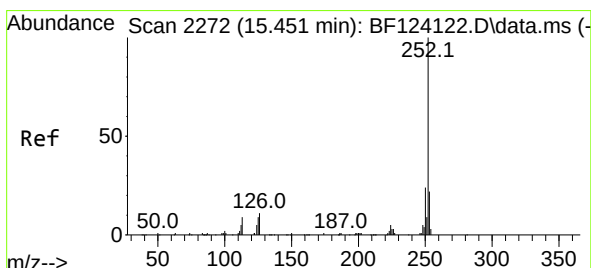
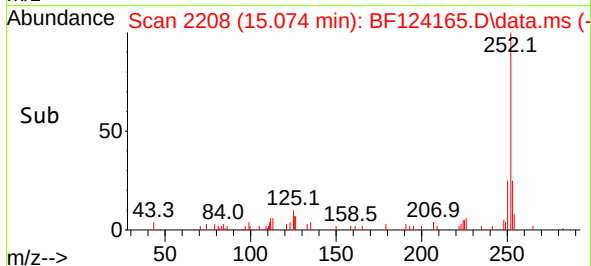
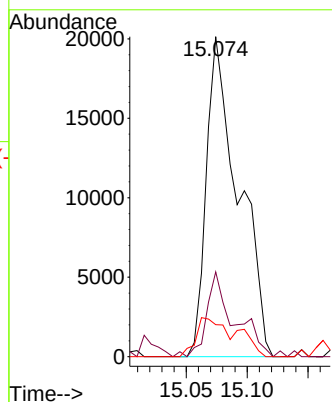
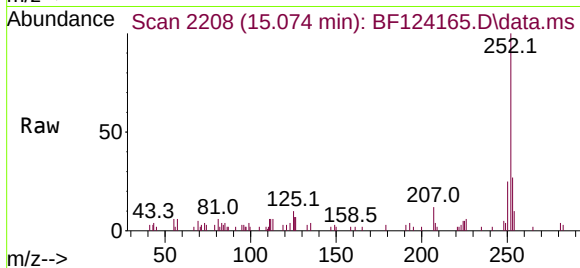




#89
Benzo(k)fluoranthene
Concen: 6.20 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.035 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

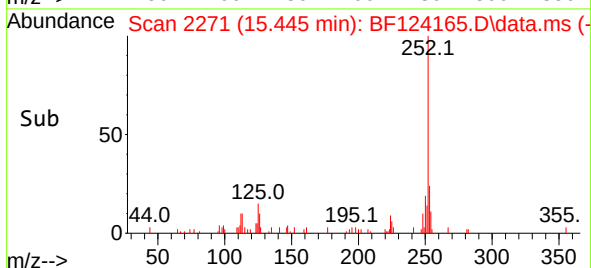
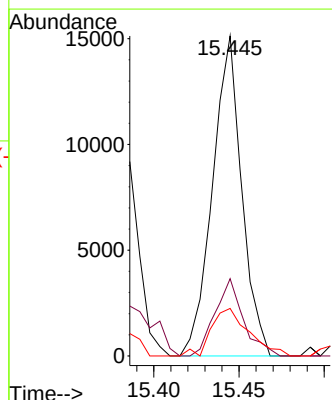
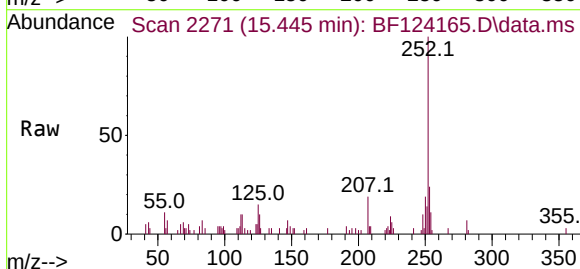
Instrument :
BNA_F
ClientSampleId :
124042

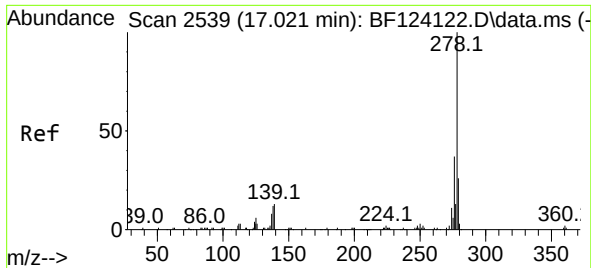
Tgt Ion:252 Resp: 37026
Ion Ratio Lower Upper
252 100
253 26.5 17.9 26.9
125 17.2 7.0 10.6#



#90
Benzo(a)pyrene
Concen: 3.30 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:252 Resp: 18072
Ion Ratio Lower Upper
252 100
253 24.2 18.4 27.6
125 14.8 8.0 12.0#

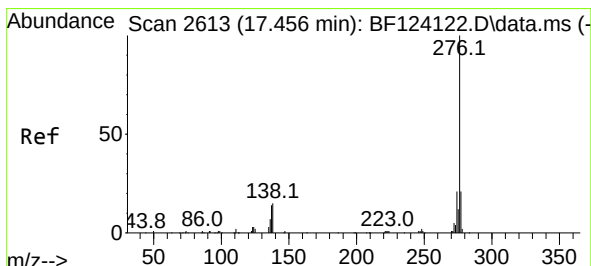
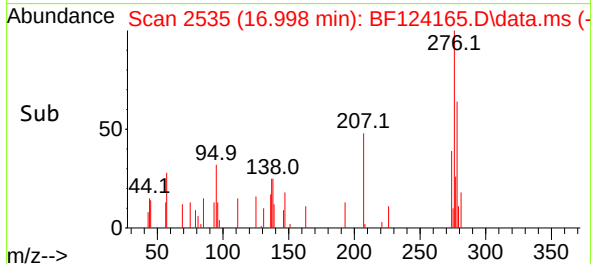
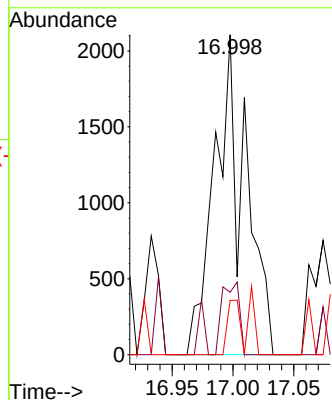
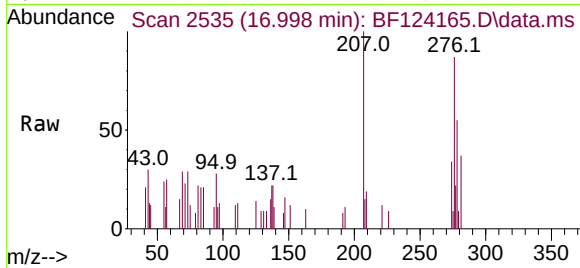




#91
Dibenzo(a,h)anthracene
Concen: 4.76 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.023 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Instrument :
BNA_F
ClientSampleId :
124042

Tgt Ion:278 Resp: 3715
Ion Ratio Lower Upper
278 100
139 19.5 10.2 15.2#
279 16.9 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 5.29 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.011 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:276 Resp: 9165
Ion Ratio Lower Upper
276 100
277 22.5 18.2 27.2
138 12.9 13.8 20.6#

