

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124246.D
 Acq On : 10 Jun 2021 22:33
 Operator : JU/CG
 Sample : M2651-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(0-4)

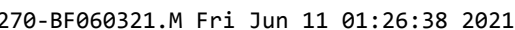
Quant Time: Jun 11 01:26:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

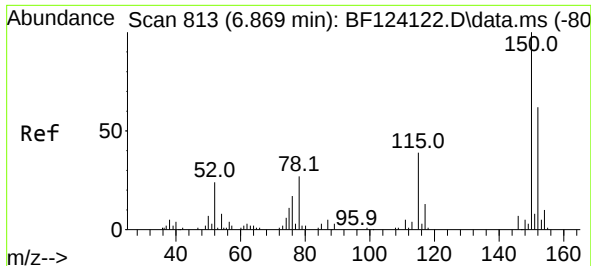
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	33354	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	128623	20.00	ng	0.00
39) Acenaphthene-d10	9.886	164	74539	20.00	ng	0.00
64) Phenanthrene-d10	11.375	188	130887	20.00	ng	# 0.00
76) Chrysene-d12	14.016	240	85777	20.00	ng	0.00
86) Perylene-d12	15.492	264	87557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	137982	62.27	ng	0.00
7) Phenol-d6	6.487	99	183476	61.61	ng	-0.01
23) Nitrobenzene-d5	7.410	82	138010	42.56	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	61929	58.64	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	254664	42.99	ng	0.00
79) Terphenyl-d14	12.957	244	219296	35.10	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	18073	8.60	ng	# 66
25) Isophorone	7.410	82	138008	23.62	ng	# 69
50) Dimethylphthalate	9.598	163	51483	8.35	ng	# 95
57) 2,4-Dinitrotoluene	9.886	165	10232	5.49	ng	# 17
67) 4-Bromophenyl-phenylether	10.675	248	3601	2.00	ng	# 1
71) Phenanthrene	11.398	178	55555	6.79	ng	97
72) Anthracene	11.398	178	55555	6.75	ng	96
75) Fluoranthene	12.586	202	76483	8.91	ng	96
77) Benzidine	12.957	184	3824	5.81	ng	# 79
78) Pyrene	12.816	202	70339	8.54	ng	98
81) Benzo(a)anthracene	14.004	228	41345	6.62	ng	99
83) Chrysene	14.004	228	41345	6.86	ng	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	16358	6.38	ng	# 92
88) Benzo(b)fluoranthene	15.063	252	59999	8.82	ng	# 94
89) Benzo(k)fluoranthene	15.063	252	59999	9.32	ng	# 95
90) Benzo(a)pyrene	15.427	252	35542	6.02	ng	# 87
91) Dibenzo(a,h)anthracene	16.968	278	5385	4.97	ng	# 93
92) Benzo(g,h,i)perylene	17.668	276	3735	4.37	ng	97

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
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QLast Update : Thu Jun 10 01:53:56 2021
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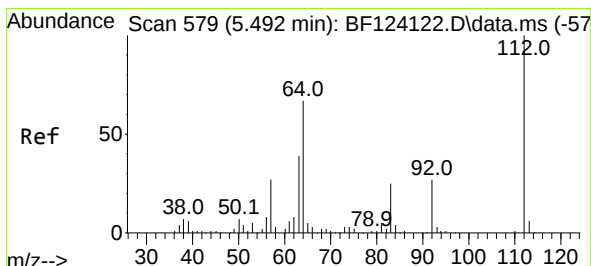
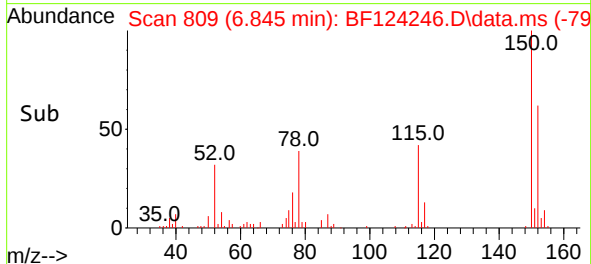
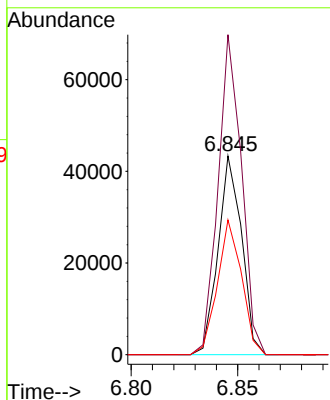
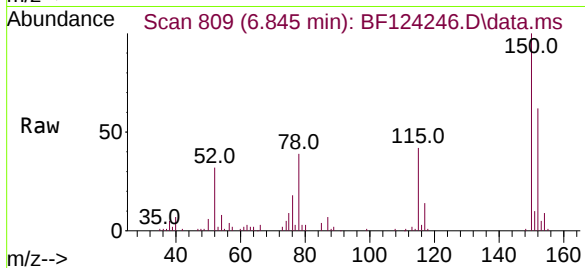




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

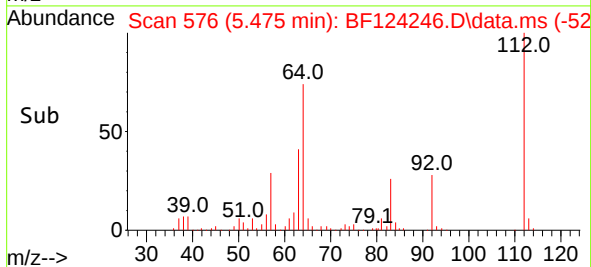
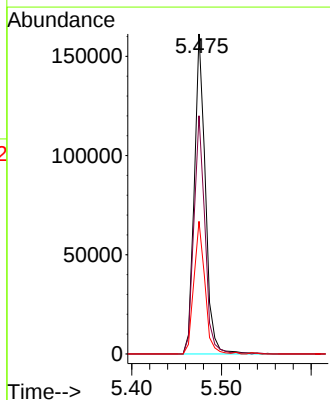
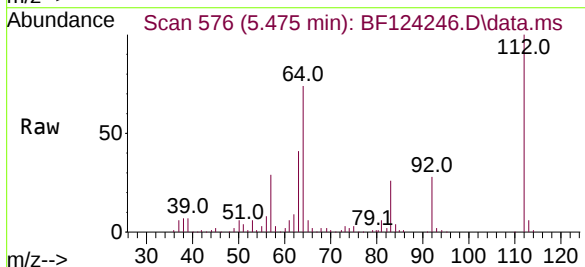
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ClientSampleId :
17-B6(0-4)

Tgt Ion:152 Resp: 33354
Ion Ratio Lower Upper
152 100
150 161.1 127.0 190.6
115 67.8 54.3 81.5



#5
2-Fluorophenol
Concen: 62.27 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:112 Resp: 137982
Ion Ratio Lower Upper
112 100
64 74.4 61.4 92.0
63 41.5 33.0 49.4

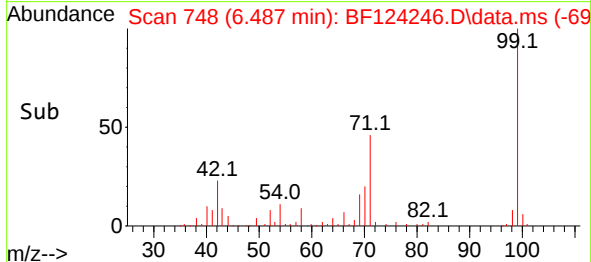
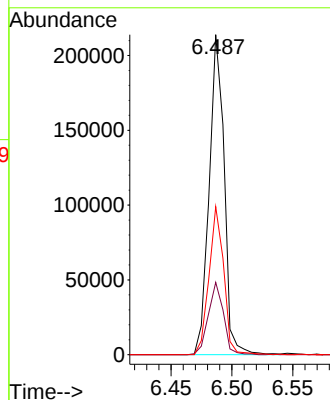
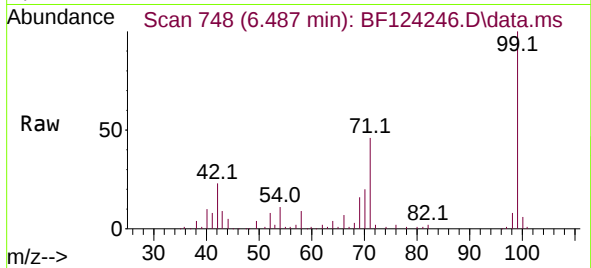




#7
Phenol-d6
Concen: 61.61 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

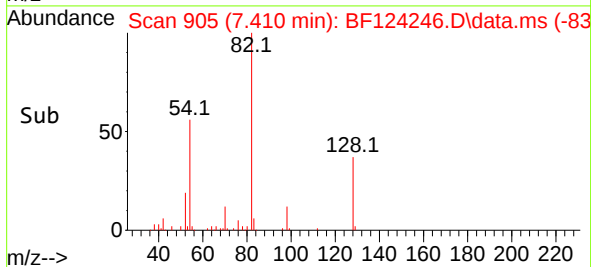
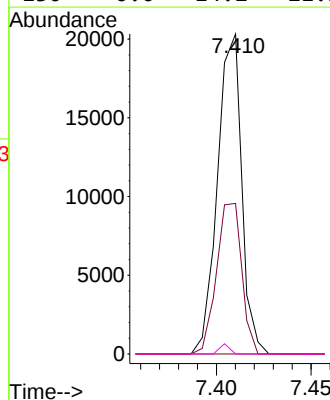
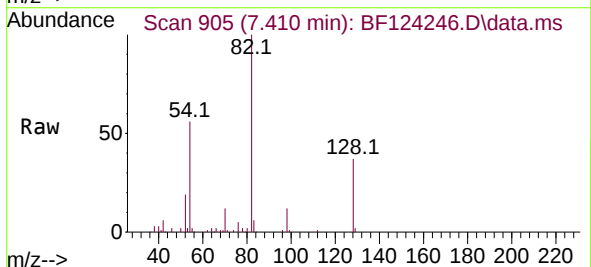
Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)

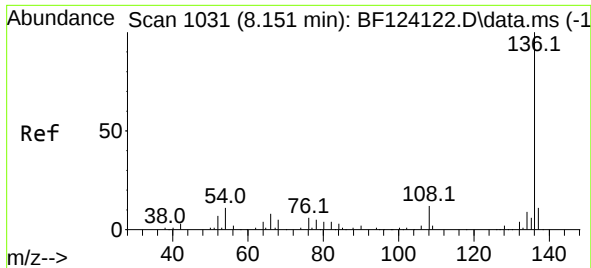
Tgt Ion: 99 Resp: 183476
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.8
71 46.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 8.60 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

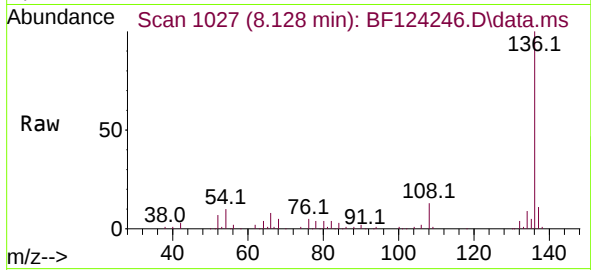
Tgt Ion: 70 Resp: 18073
Ion Ratio Lower Upper
70 100
42 47.0 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



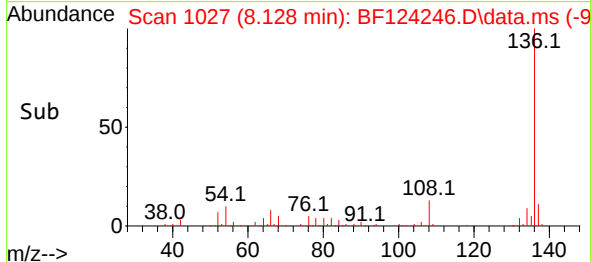
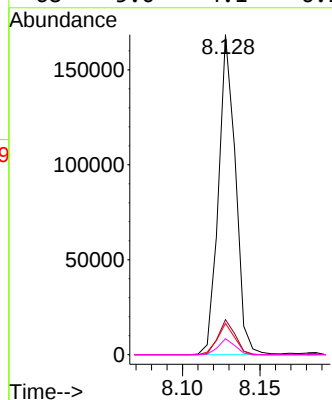


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)

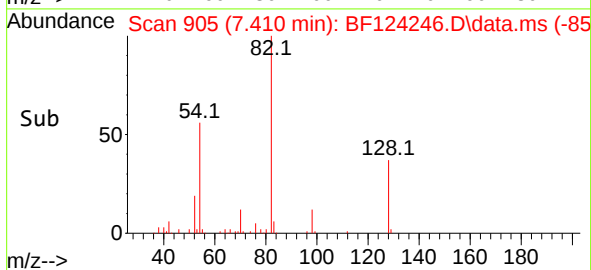
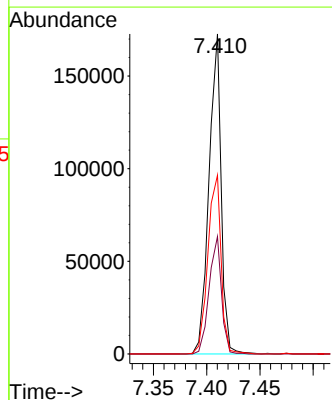
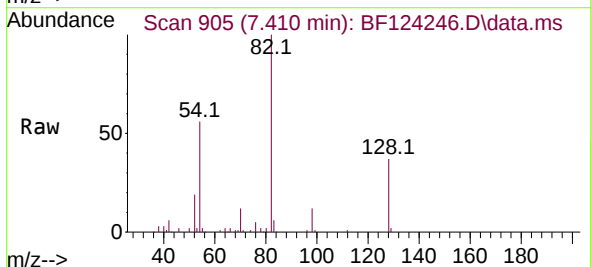


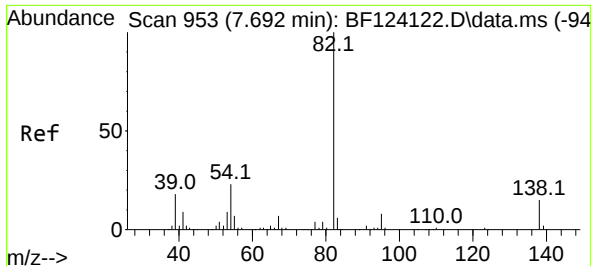
Tgt Ion:	136	Resp:	128623
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	9.8	9.8	14.6
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 42.56 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:	82	Resp:	138010
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.4	44.2
54	55.9	54.1	81.1

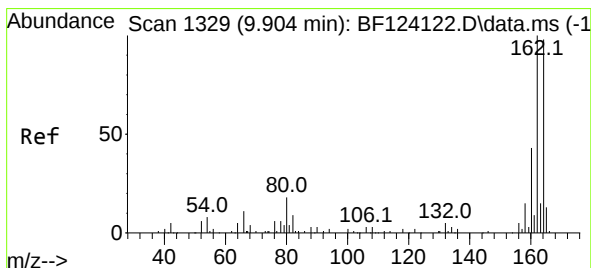
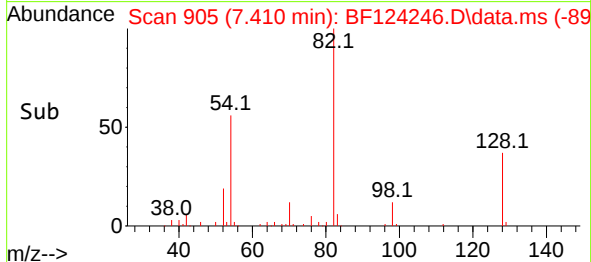
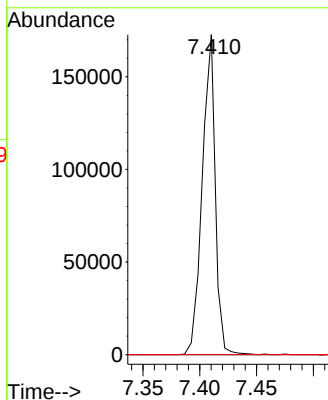
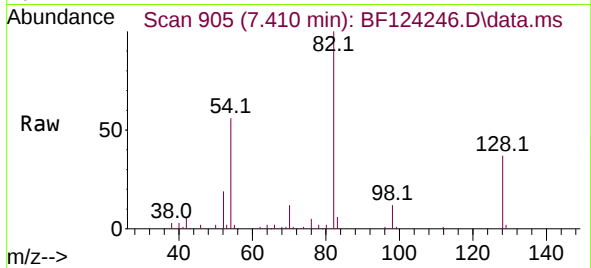




#25
Isophorone
Concen: 23.62 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.264 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

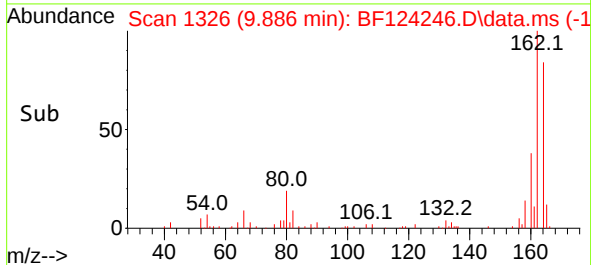
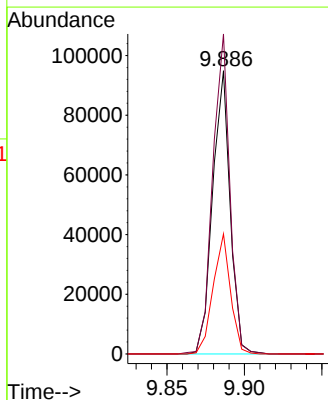
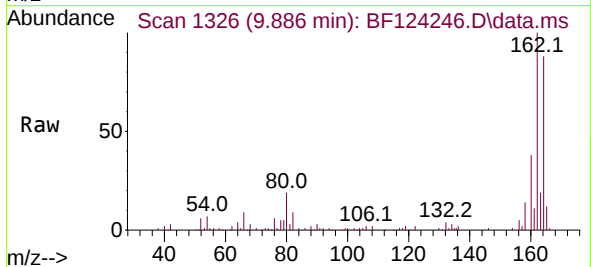
Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)

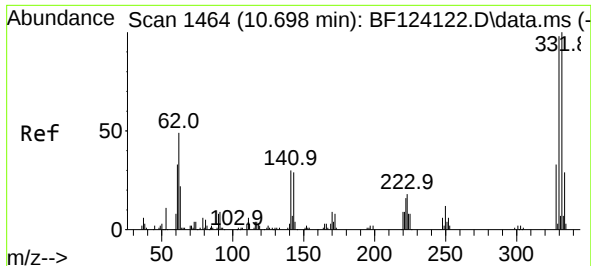
Tgt Ion: 82 Resp: 138008
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:164 Resp: 74539
Ion Ratio Lower Upper
164 100
162 113.0 80.7 121.1
160 42.4 37.3 55.9

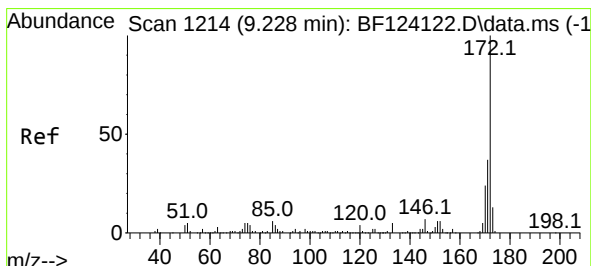
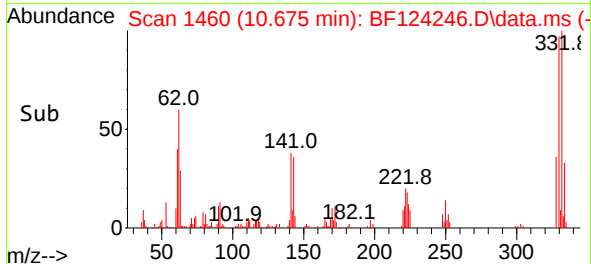
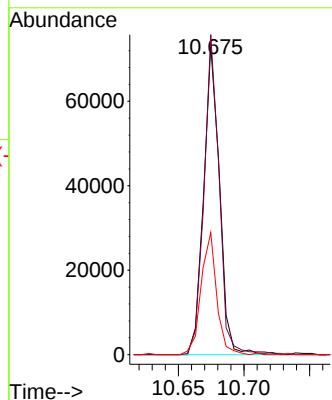
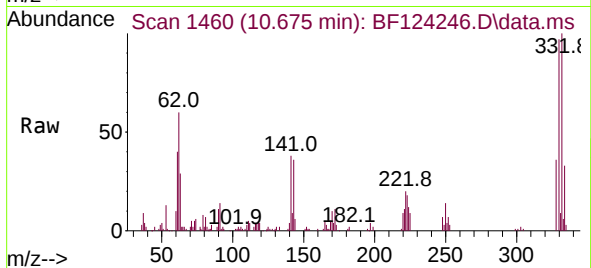




#42
2,4,6-Tribromophenol
Concen: 58.64 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

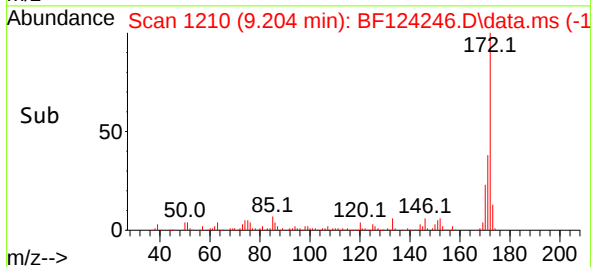
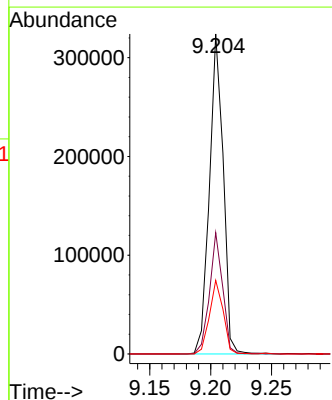
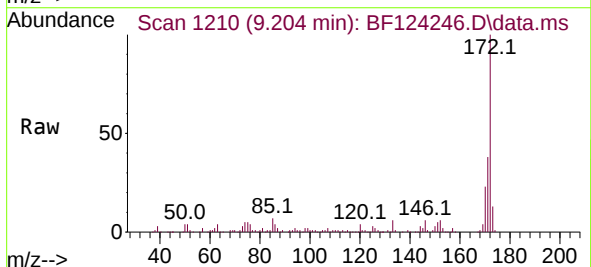
Instrument :
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ClientSampleId :
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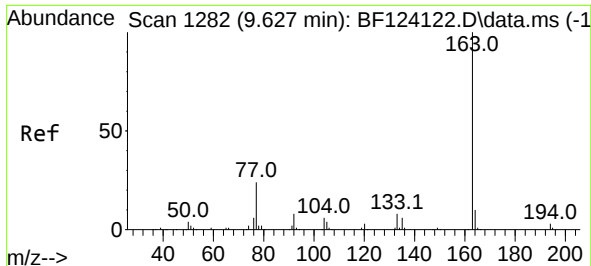
Tgt Ion:330 Resp: 61929
Ion Ratio Lower Upper
330 100
332 98.9 77.1 115.7
141 38.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 42.99 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:172 Resp: 254664
Ion Ratio Lower Upper
172 100
171 37.9 28.1 42.1
170 23.0 19.2 28.8

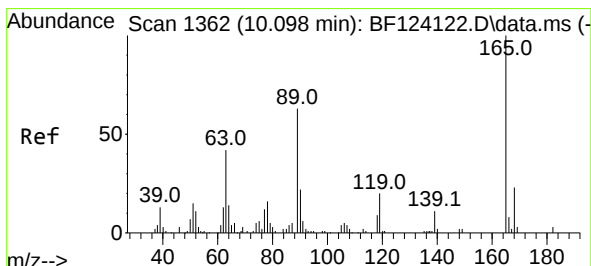
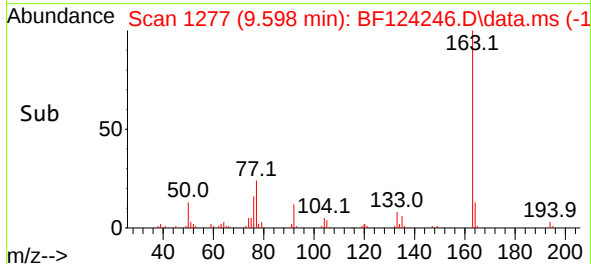
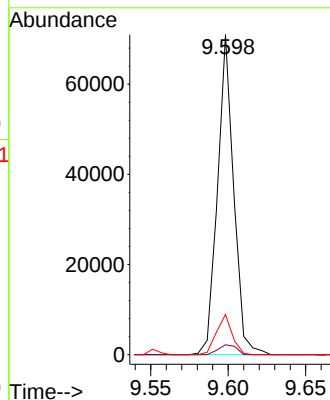
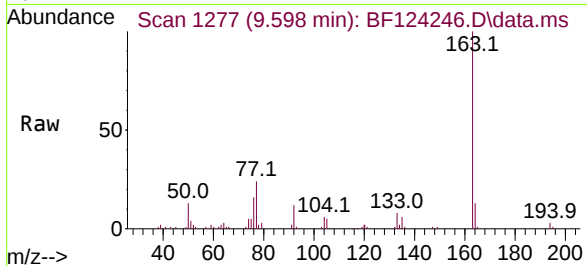




#50
Dimethylphthalate
Concen: 8.35 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.017 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

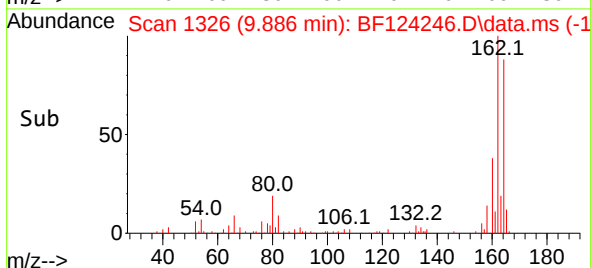
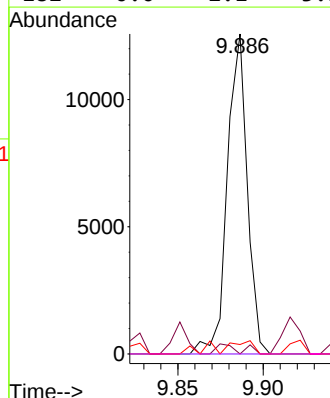
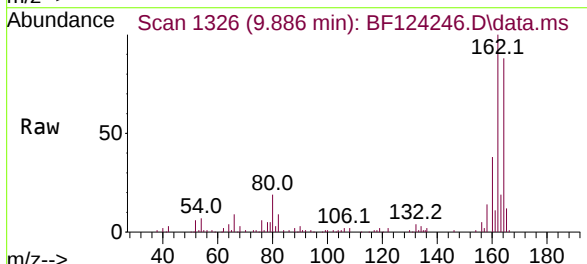
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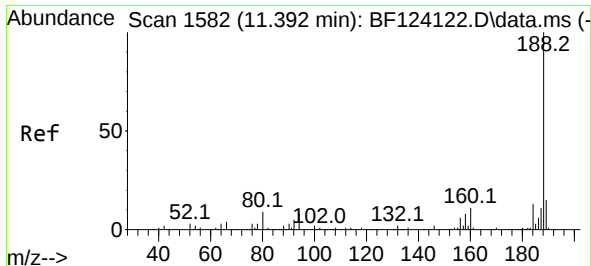
Tgt Ion:163 Resp: 51483
Ion Ratio Lower Upper
163 100
194 3.1 3.1 4.7#
164 12.5 8.2 12.2#



#57
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:165 Resp: 10232
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.9 67.7 101.5#
182 0.0 2.1 3.1#

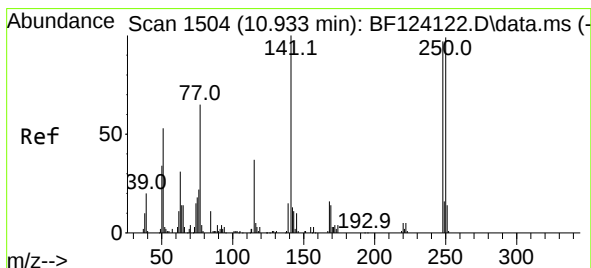
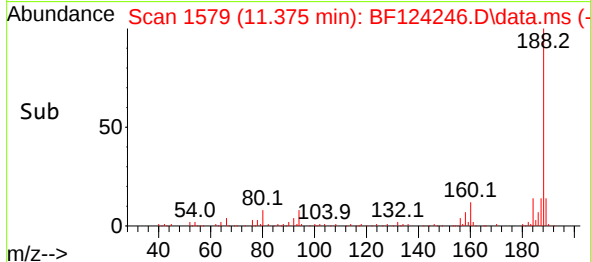
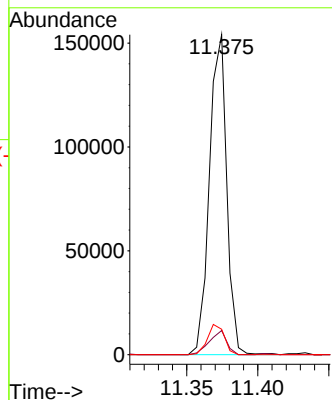
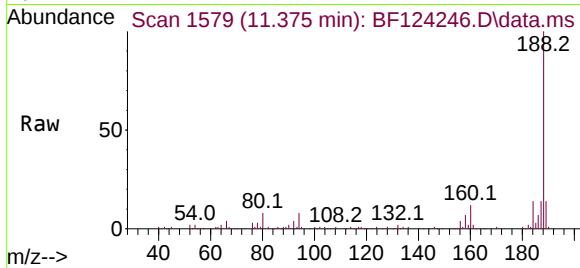




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

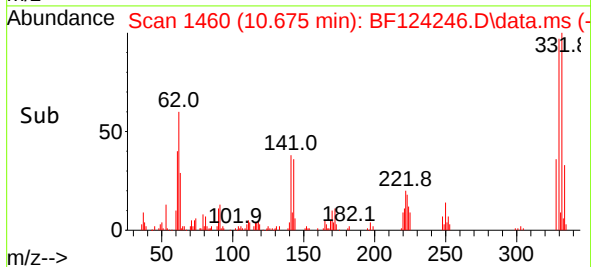
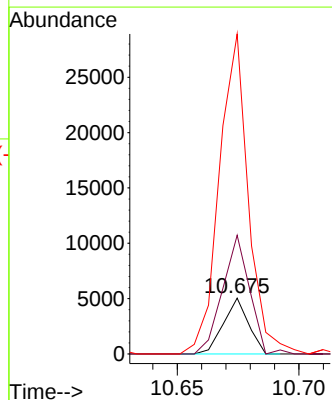
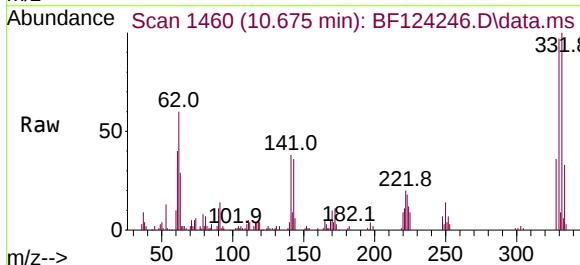
Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)

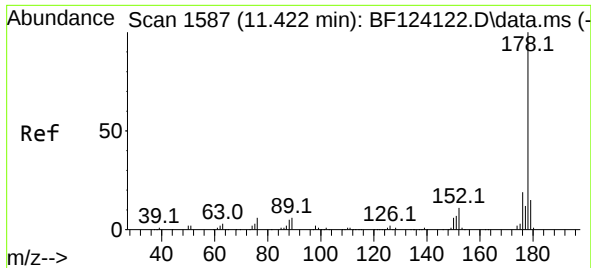
Tgt Ion:188 Resp: 130887
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 7.9 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 2.00 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:248 Resp: 3601
Ion Ratio Lower Upper
248 100
250 212.8 77.4 116.2#
141 573.8 63.7 95.5#

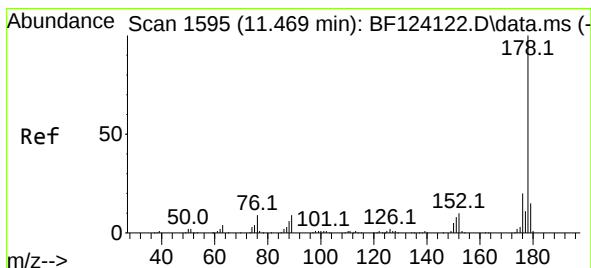
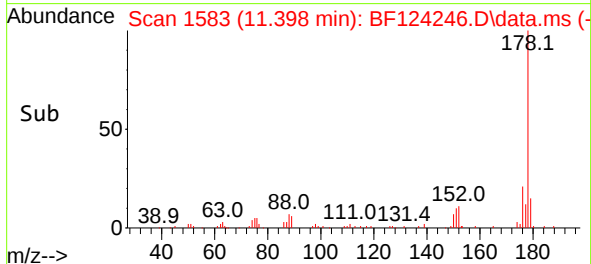
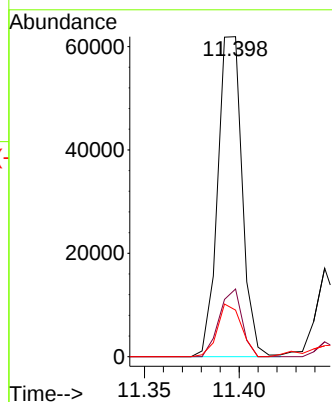
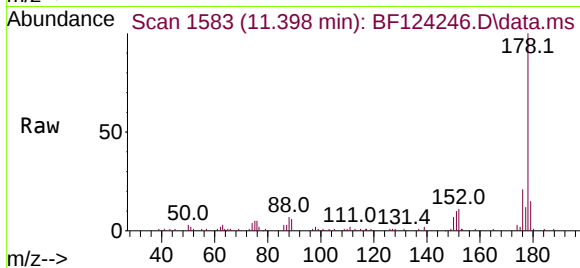




#71
Phenanthrene
Concen: 6.79 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

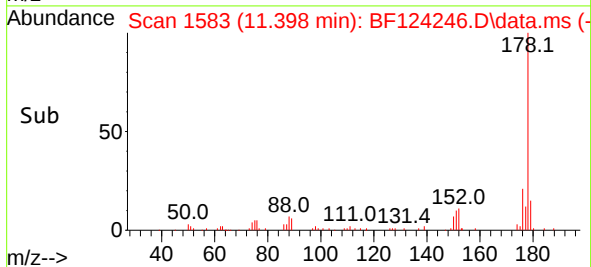
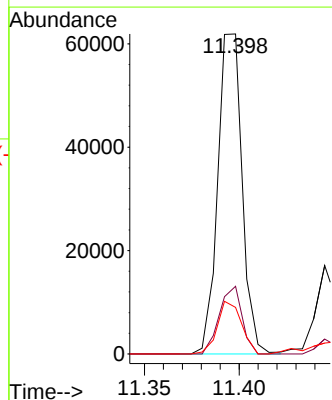
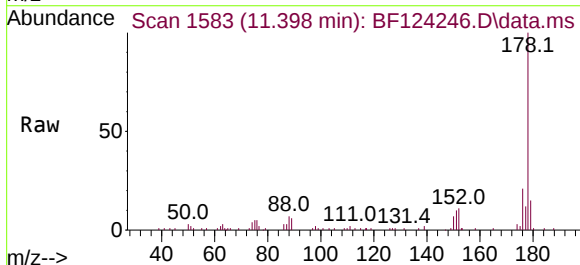
Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)

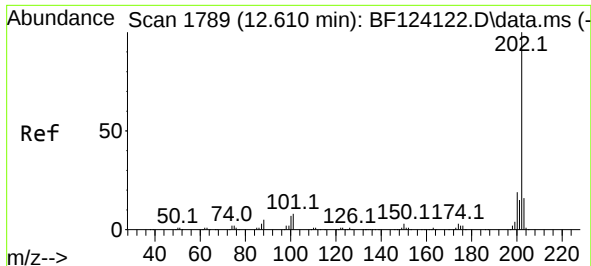
Tgt Ion:178 Resp: 55555
Ion Ratio Lower Upper
178 100
176 21.2 15.6 23.4
179 14.6 12.5 18.7



#72
Anthracene
Concen: 6.75 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.059 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:178 Resp: 55555
Ion Ratio Lower Upper
178 100
176 21.2 15.4 23.0
179 14.6 12.6 18.8

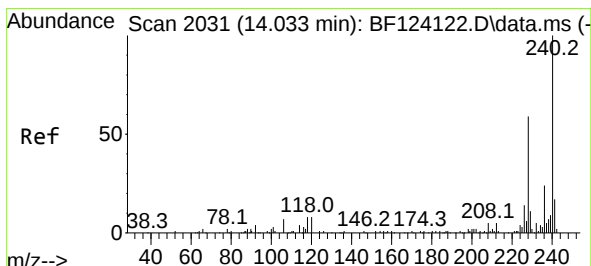
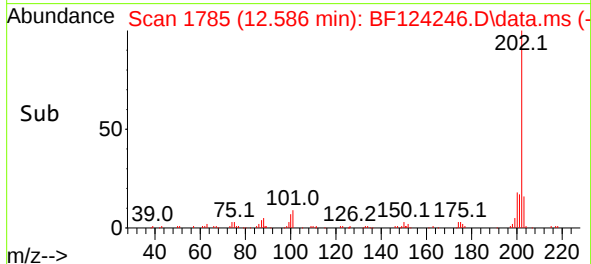
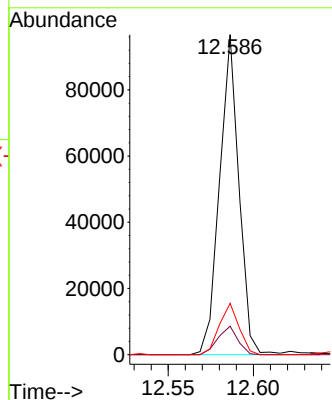
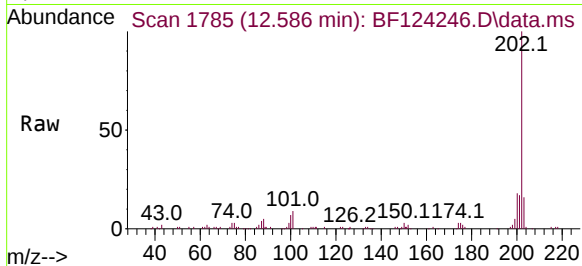




#75
Fluoranthene
Concen: 8.91 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

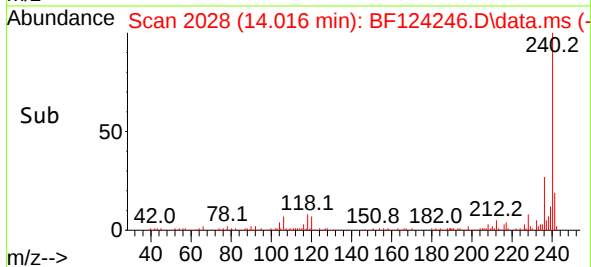
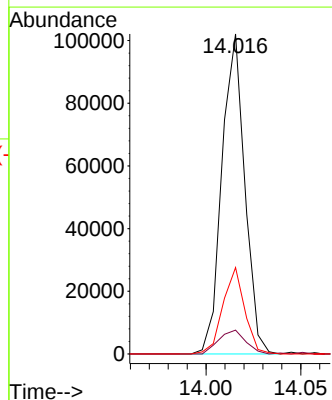
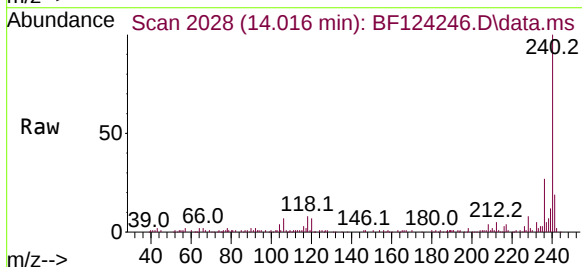
Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)

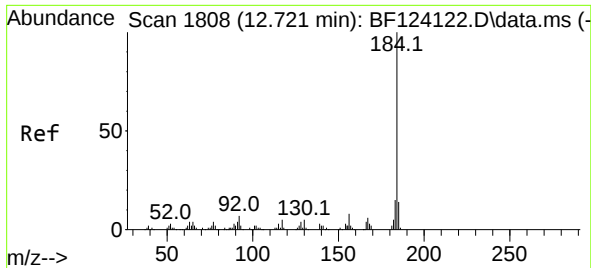
Tgt Ion:202	Resp:	76483
Ion Ratio	Lower	Upper
202	100	
101	8.9	0.0 30.9
203	16.0	0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:240	Resp:	85777
Ion Ratio	Lower	Upper
240	100	
120	7.5	7.2 10.8
236	27.0	19.0 28.4

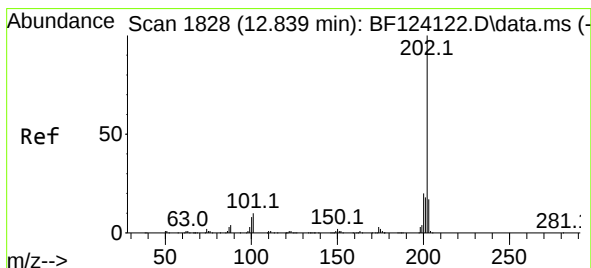
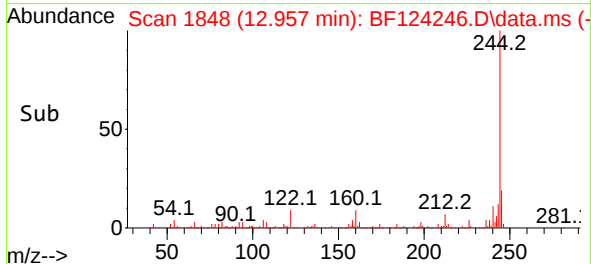
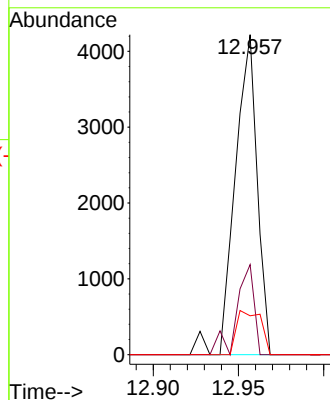
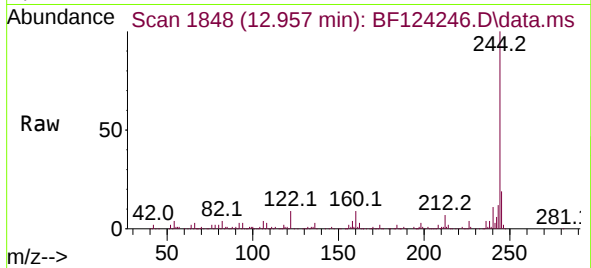




#77
Benzidine
Concen: 5.81 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

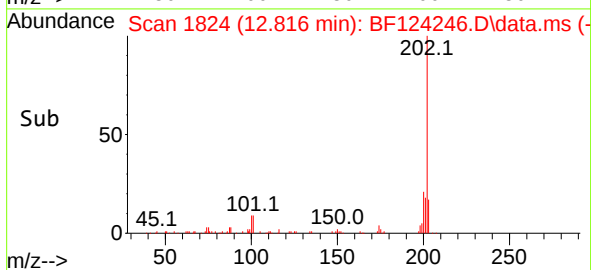
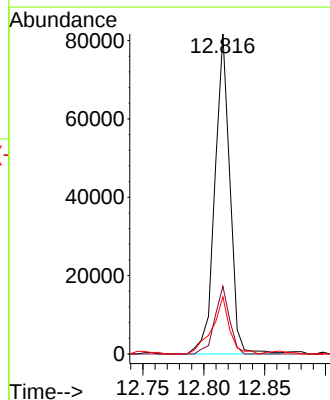
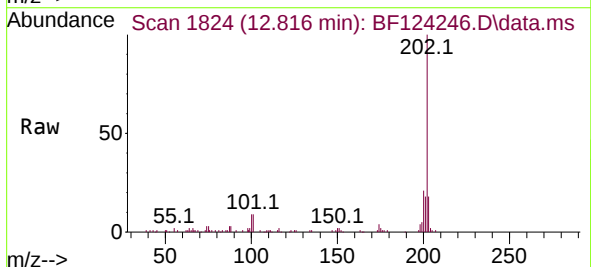
Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)

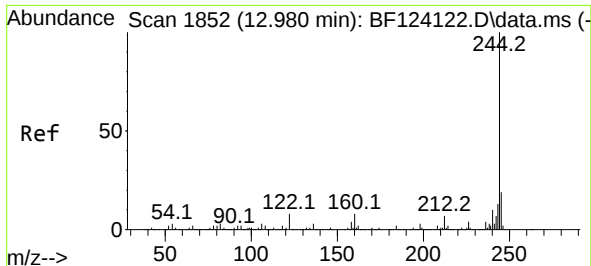
Tgt Ion:184 Resp: 3824
Ion Ratio Lower Upper
184 100
185 28.1 12.1 18.1#
183 12.2 7.8 11.8#



#78
Pyrene
Concen: 8.54 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:202 Resp: 70339
Ion Ratio Lower Upper
202 100
200 21.2 16.1 24.1
203 17.8 14.8 22.2

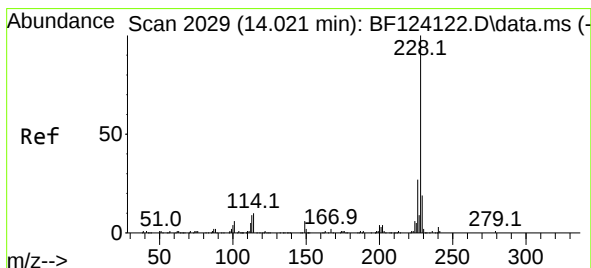
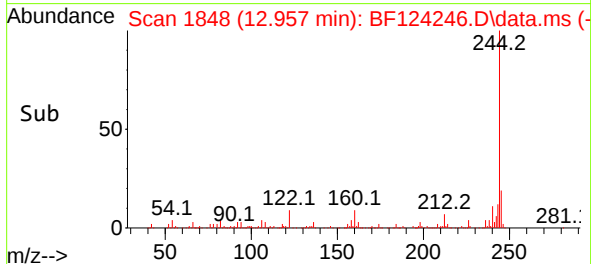
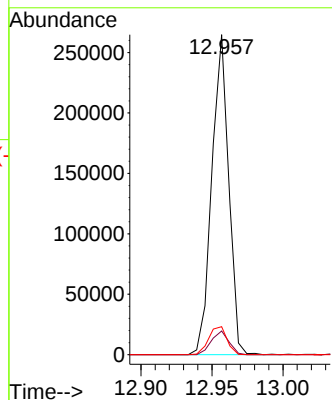
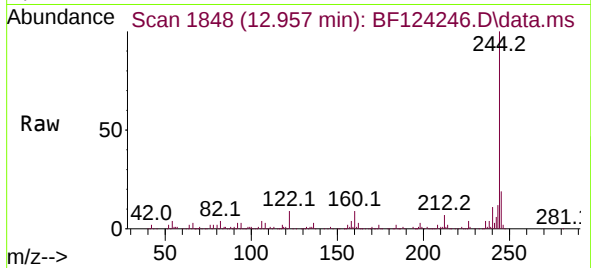




#79
 Terphenyl-d14
 Concen: 35.10 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124246.D
 Acq: 10 Jun 2021 22:33

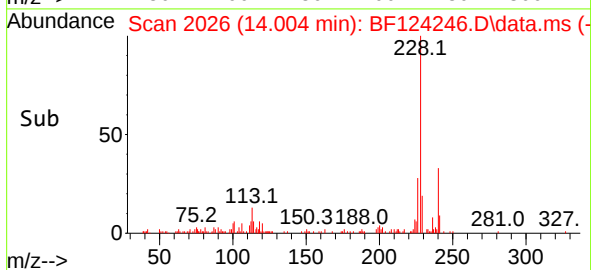
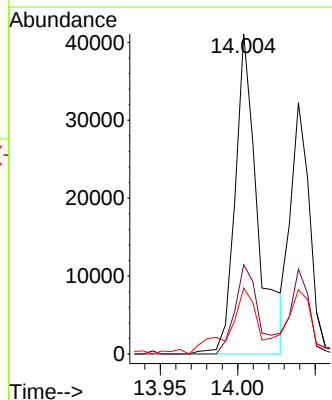
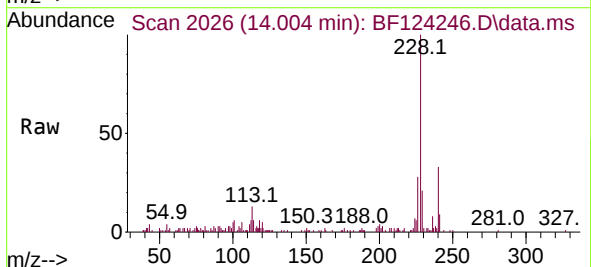
Instrument :
 BNA_F
 ClientSampleId :
 17-B6(0-4)

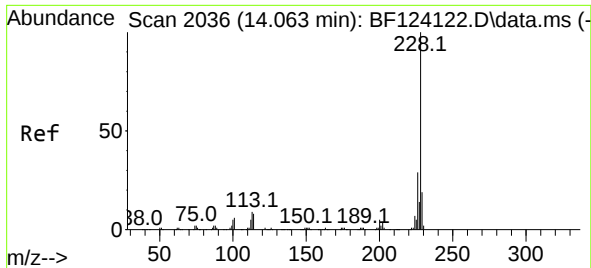
Tgt Ion:244 Resp: 219296
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 8.8 9.7 14.5#



#81
 Benzo(a)anthracene
 Concen: 6.62 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. -0.006 min
 Lab File: BF124246.D
 Acq: 10 Jun 2021 22:33

Tgt Ion:228 Resp: 41345
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.4 33.6
 229 20.6 16.0 24.0

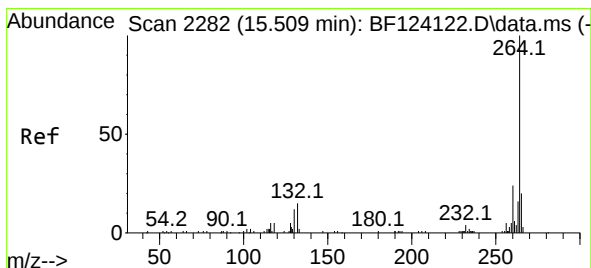
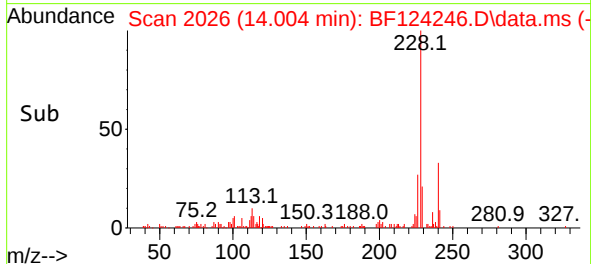
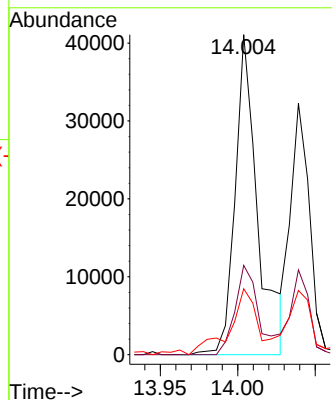
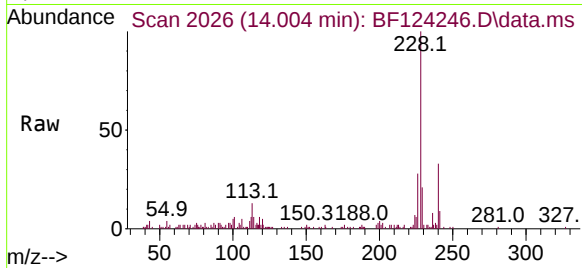




#83
Chrysene
Concen: 6.86 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.041 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

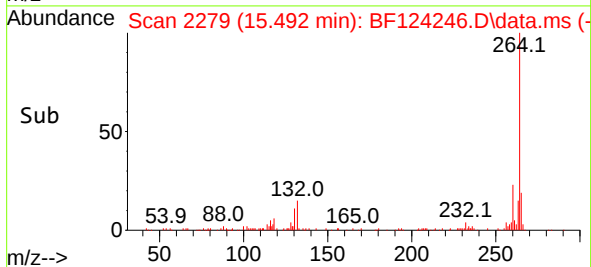
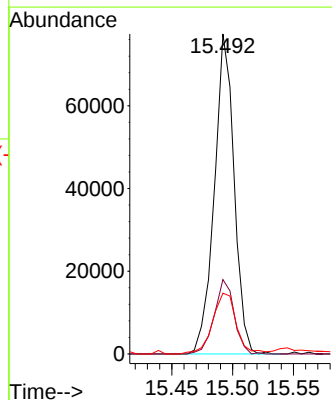
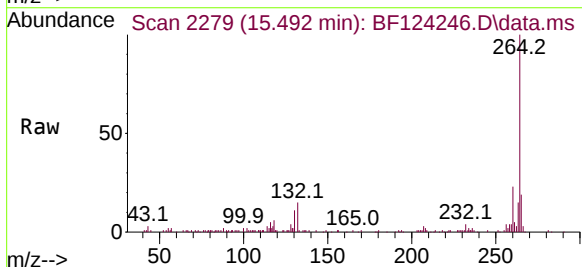
Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)

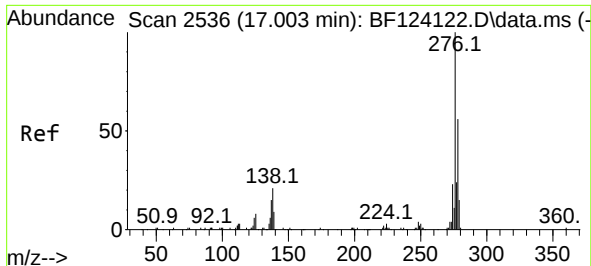
Tgt Ion:228	Resp:	41345
Ion Ratio	Lower	Upper
228	100	
226	27.9	24.3 36.5
229	20.6	16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:264	Resp:	87557
Ion Ratio	Lower	Upper
264	100	
260	23.3	18.7 28.1
265	19.0	17.8 26.8

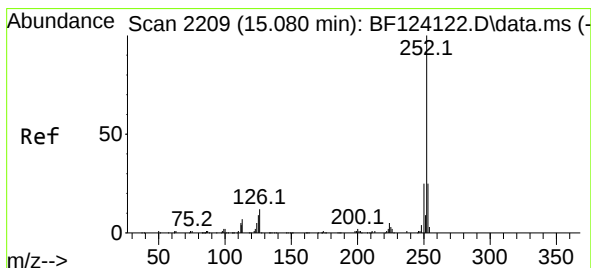
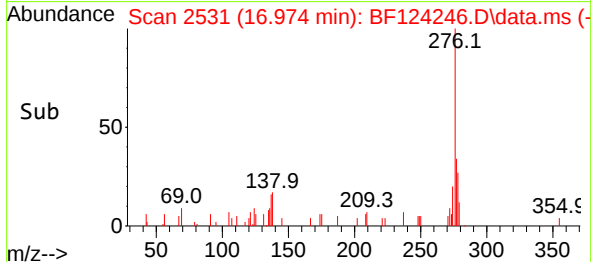
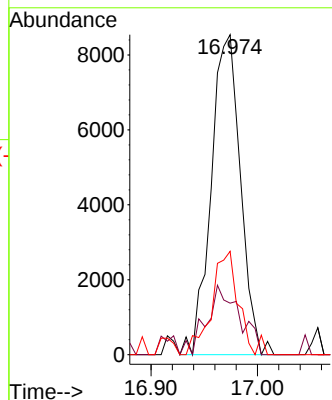
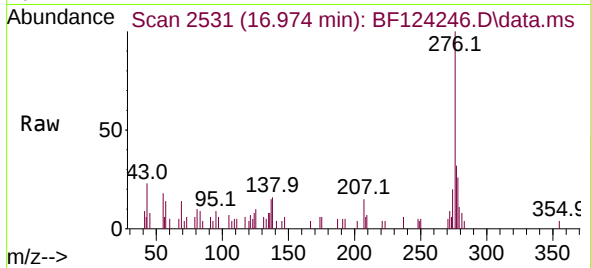




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.38 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

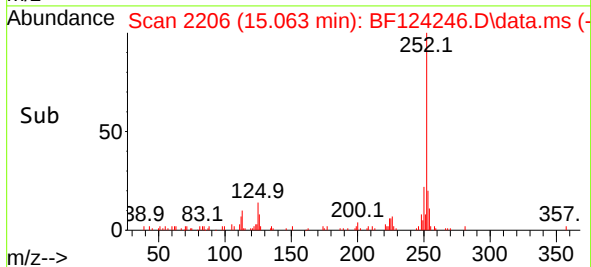
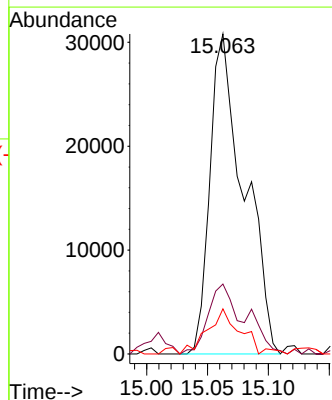
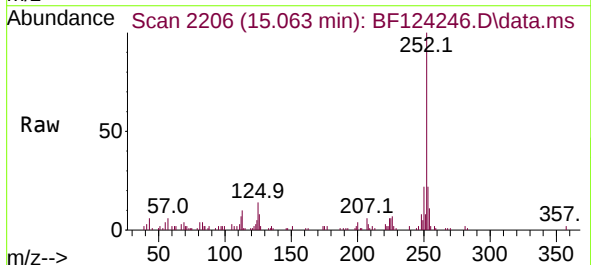
Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)

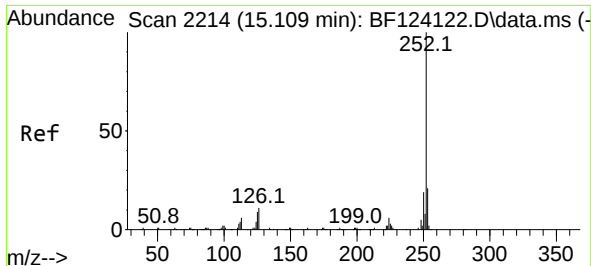
Tgt Ion:276 Resp: 16358
Ion Ratio Lower Upper
276 100
138 24.4 16.2 24.2#
277 28.6 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 8.82 ng
RT: 15.063 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:252 Resp: 59999
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 14.1 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 9.32 ng

RT: 15.063 min Scan# 2206

Delta R.T. -0.029 min

Lab File: BF124246.D

Acq: 10 Jun 2021 22:33

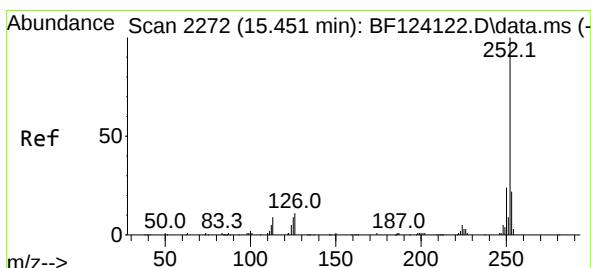
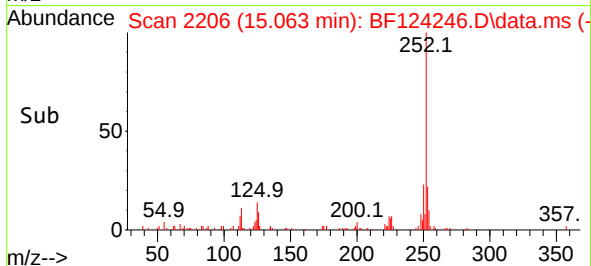
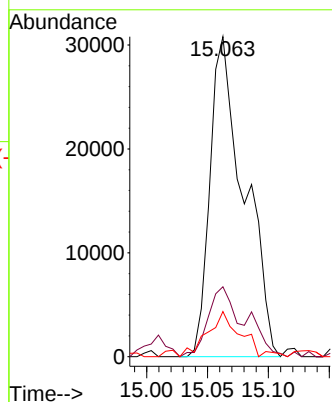
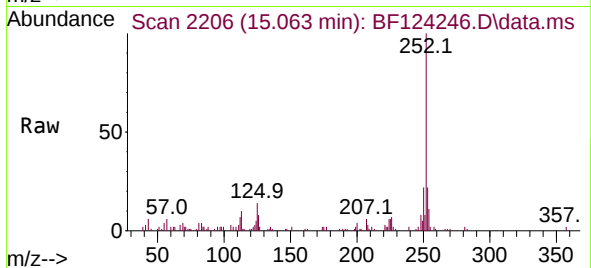
Tgt Ion:252	Resp:	59999
Ion Ratio	Lower	Upper
252	100	
253	21.8	17.9 26.9
125	14.1	7.0 10.6#

Instrument :

BNA_F

ClientSampleId :

17-B6(0-4)



#90

Benzo(a)pyrene

Concen: 6.02 ng

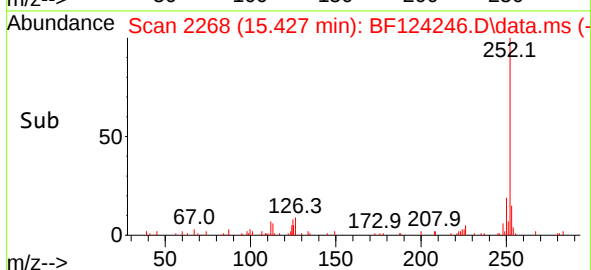
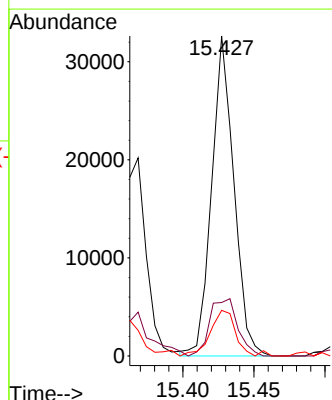
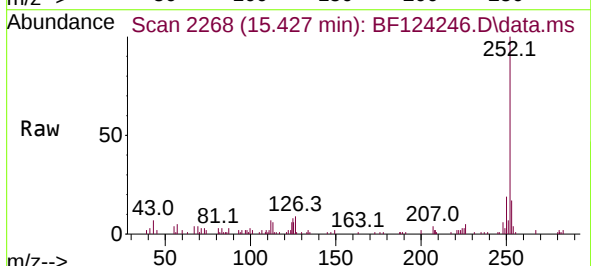
RT: 15.427 min Scan# 2268

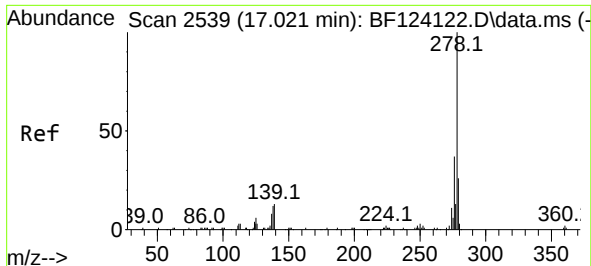
Delta R.T. -0.006 min

Lab File: BF124246.D

Acq: 10 Jun 2021 22:33

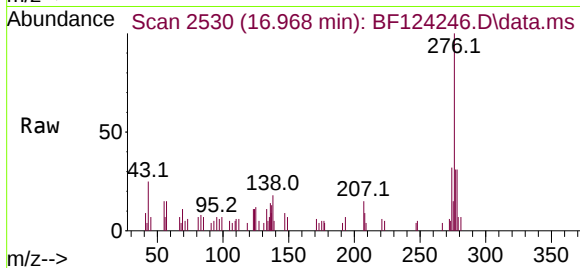
Tgt Ion:252	Resp:	35542
Ion Ratio	Lower	Upper
252	100	
253	16.7	18.4 27.6#
125	14.2	8.0 12.0#



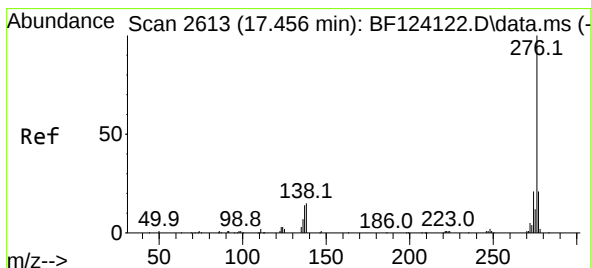
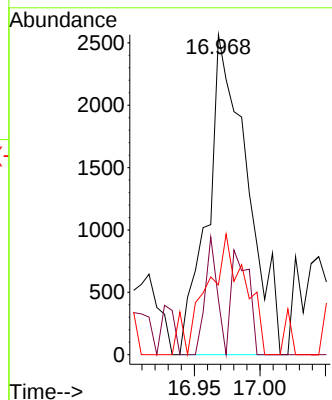
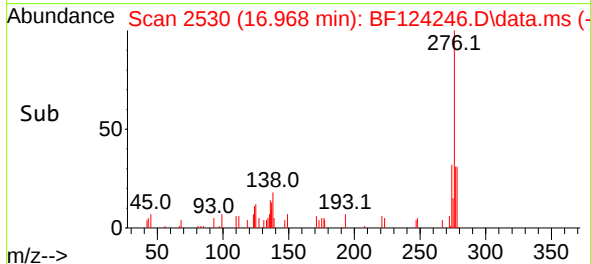


#91
Dibenzo(a,h)anthracene
Concen: 4.97 ng
RT: 16.968 min Scan# 2530
Delta R.T. -0.023 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

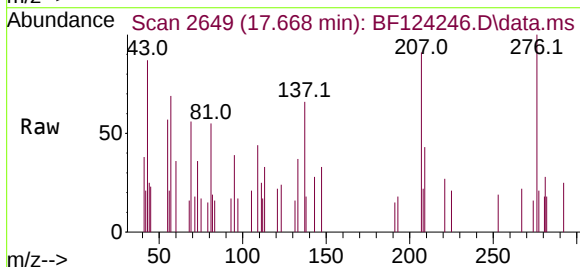
Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)



Tgt Ion:278 Resp: 5385
Ion Ratio Lower Upper
278 100
139 17.1 10.2 15.2#
279 21.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 4.37 ng
RT: 17.668 min Scan# 2649
Delta R.T. 0.236 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33



Tgt Ion:276 Resp: 3735
Ion Ratio Lower Upper
276 100
277 20.8 18.2 27.2
138 18.0 13.8 20.6

