

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124245.D
 Acq On : 10 Jun 2021 22:01
 Operator : JU/CG
 Sample : M2651-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(4-8)

Quant Time: Jun 11 01:26:26 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)

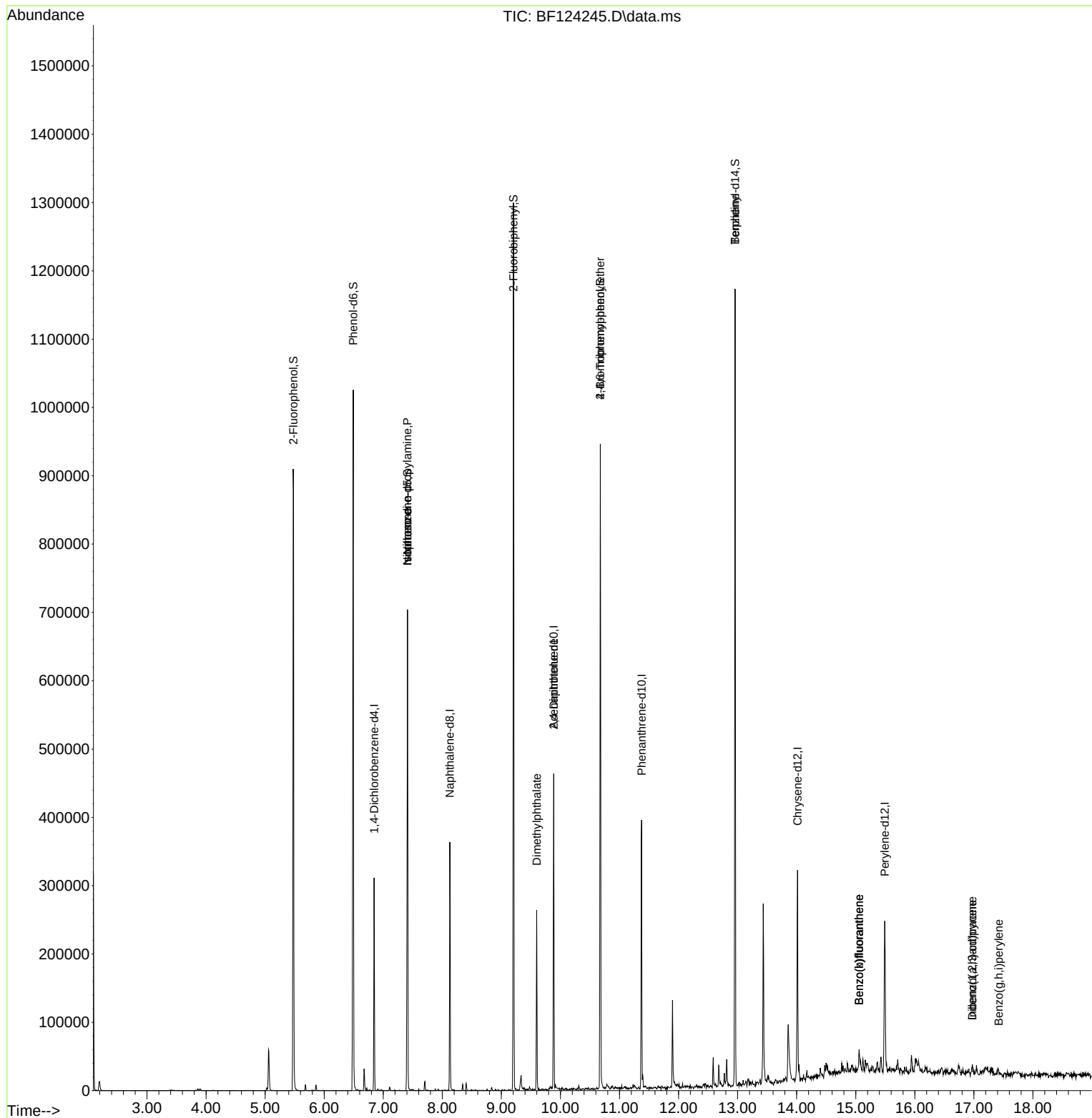
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	33144	20.00	ng	# 0.00
21) Naphthalene-d8	8.128	136	132924	20.00	ng	0.00
39) Acenaphthene-d10	9.886	164	76899	20.00	ng	0.00
64) Phenanthrene-d10	11.375	188	133646	20.00	ng	# 0.00
76) Chrysene-d12	14.016	240	90123	20.00	ng	0.00
86) Perylene-d12	15.492	264	90420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	205135	93.17	ng	0.00
7) Phenol-d6	6.493	99	270359	91.35	ng	0.00
23) Nitrobenzene-d5	7.410	82	203613	60.75	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	93128	85.48	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	336690	55.10	ng	0.00
79) Terphenyl-d14	12.957	244	324287	49.40	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	29132	13.94	ng	# 66
25) Isophorone	7.410	82	203610	33.71	ng	# 69
50) Dimethylphthalate	9.598	163	82202	12.92	ng	97
57) 2,4-Dinitrotoluene	9.886	165	10141	5.27	ng	# 19
67) 4-Bromophenyl-phenylether	10.675	248	6728	3.67	ng	# 1
77) Benzidine	12.957	184	5360	6.40	ng	# 86
87) Indeno(1,2,3-cd)pyrene	16.974	276	5588	5.01	ng	# 91
88) Benzo(b)fluoranthene	15.057	252	17157	2.44	ng	# 91
89) Benzo(k)fluoranthene	15.057	252	17157	2.58	ng	# 92
91) Dibenzo(a,h)anthracene	16.974	278	1527	4.39	ng	# 81
92) Benzo(g,h,i)perylene	17.421	276	4698	4.49	ng	# 74

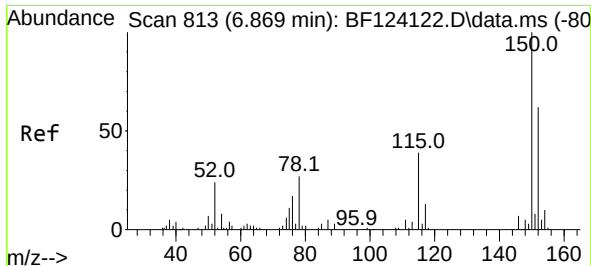
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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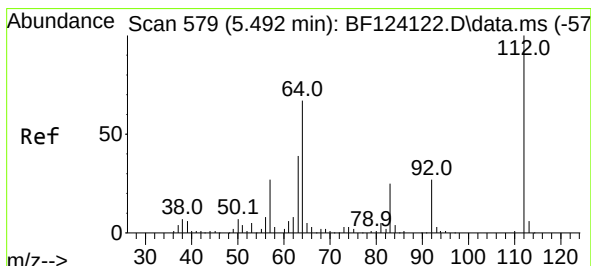
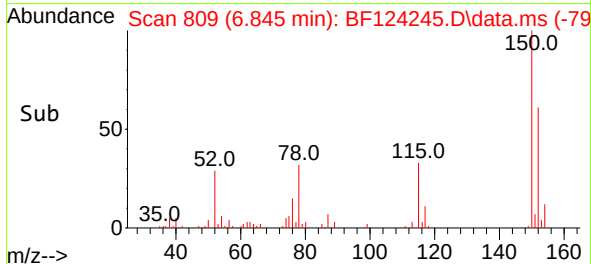
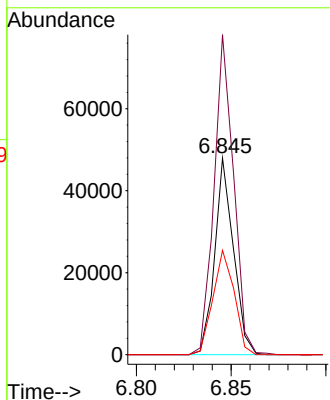
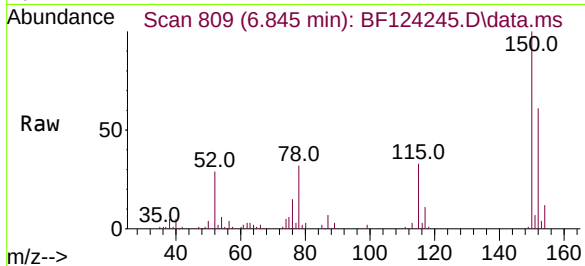




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

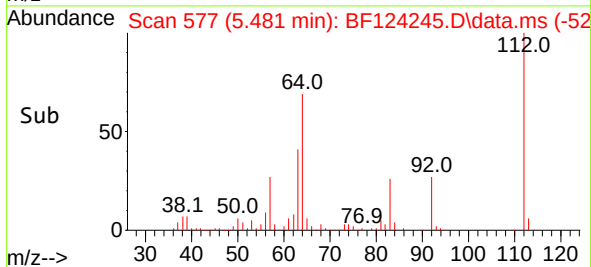
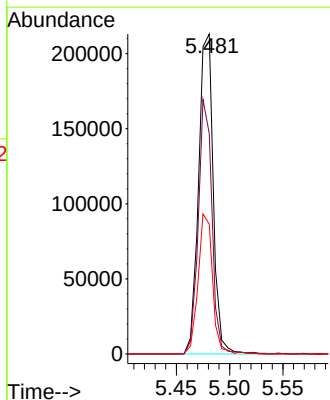
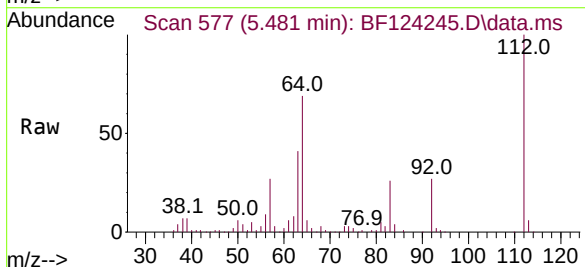
Instrument :
BNA_F
ClientSampleId :
17-B6(4-8)

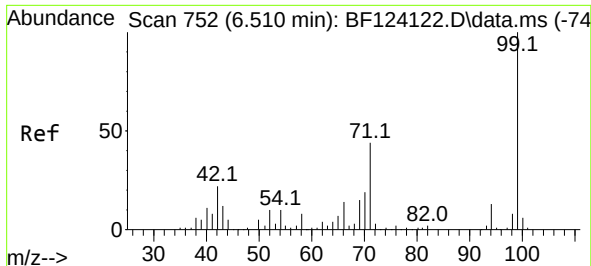
Tgt Ion:152 Resp: 33144
Ion Ratio Lower Upper
152 100
150 162.8 127.0 190.6
115 53.0 54.3 81.5#



#5
2-Fluorophenol
Concen: 93.17 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

Tgt Ion:112 Resp: 205135
Ion Ratio Lower Upper
112 100
64 68.9 61.4 92.0
63 40.6 33.0 49.4

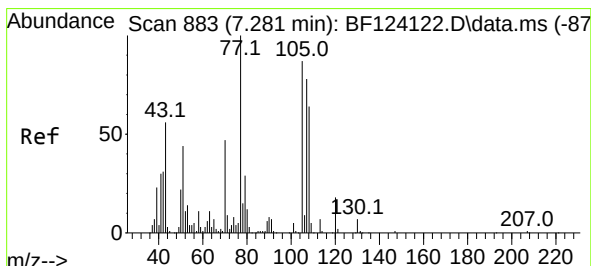
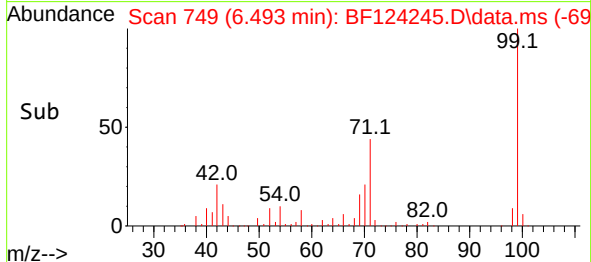
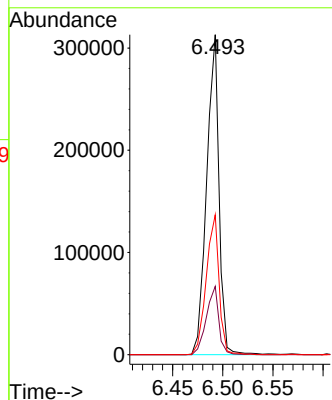
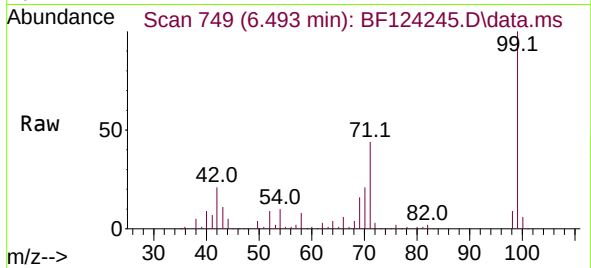




#7
Phenol-d6
Concen: 91.35 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

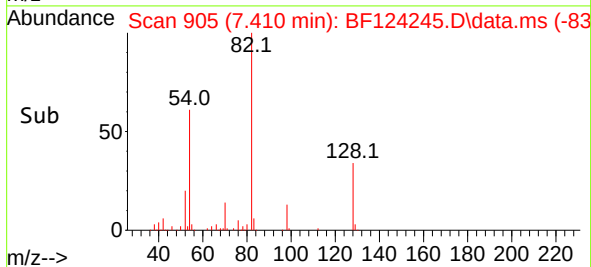
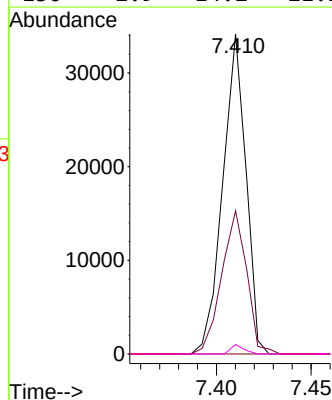
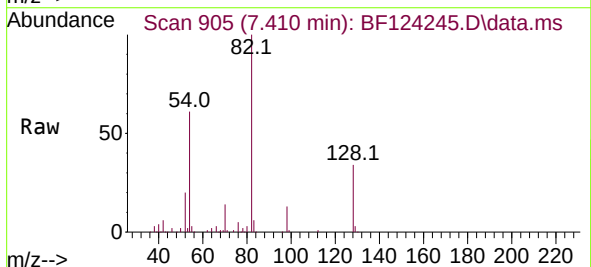
Instrument :
BNA_F
ClientSampleId :
17-B6(4-8)

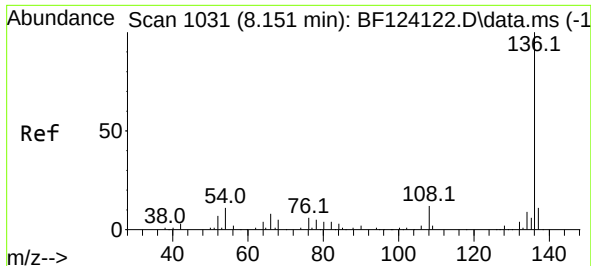
Tgt Ion: 99 Resp: 270359
Ion Ratio Lower Upper
99 100
42 21.4 19.8 29.8
71 43.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.94 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

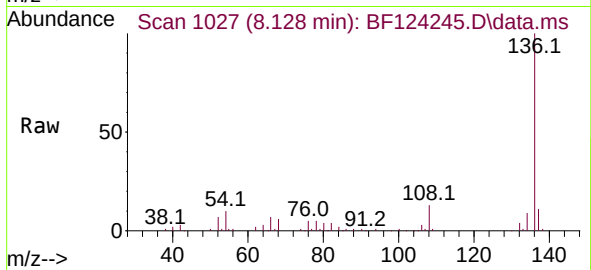
Tgt Ion: 70 Resp: 29132
Ion Ratio Lower Upper
70 100
42 44.8 60.1 90.1#
101 0.0 7.4 11.2#
130 2.9 14.2 21.2#



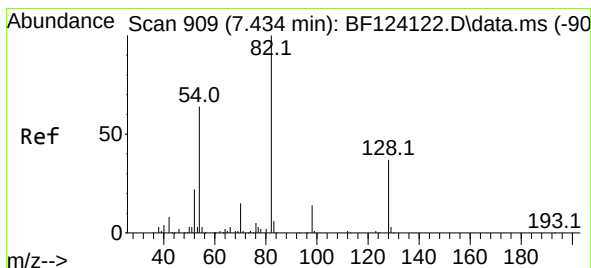
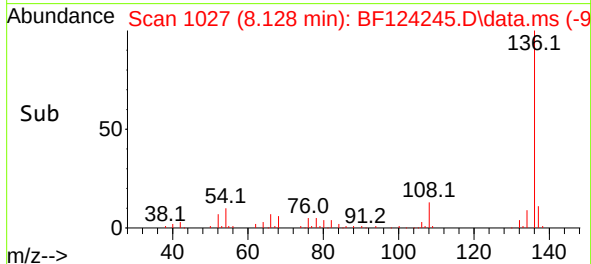
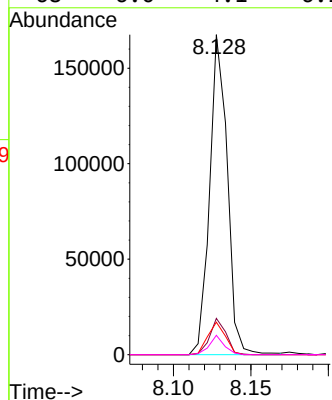


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

Instrument :
BNA_F
ClientSampleId :
17-B6(4-8)

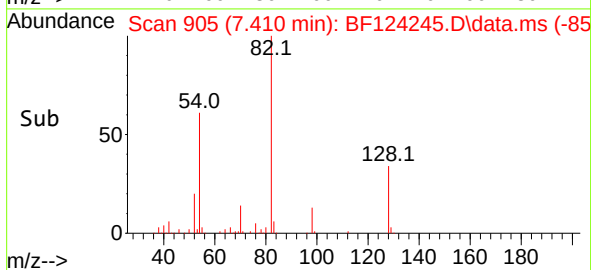
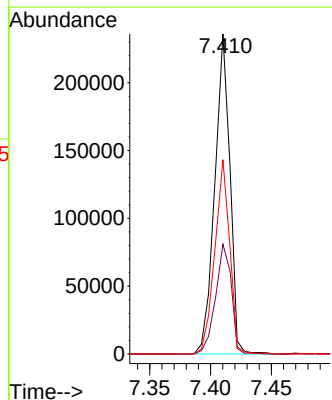
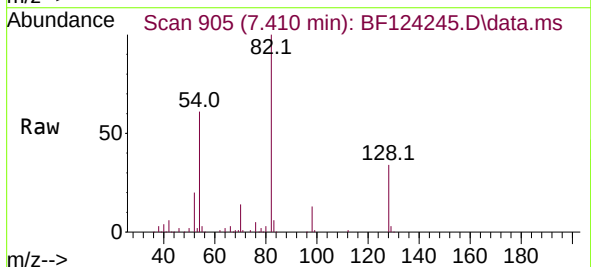


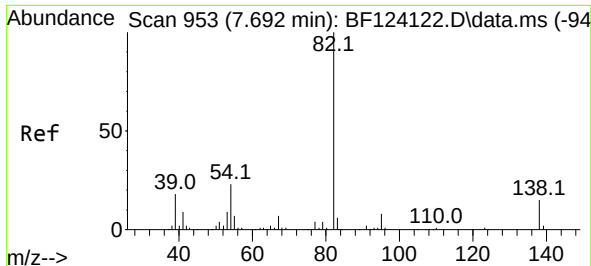
Tgt Ion:136	Resp: 132924
Ion Ratio	Lower Upper
136	100
137	11.3 8.7 13.1
54	10.2 9.8 14.6
68	6.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 60.75 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

Tgt Ion: 82	Resp: 203613
Ion Ratio	Lower Upper
82	100
128	34.3 29.4 44.2
54	60.7 54.1 81.1

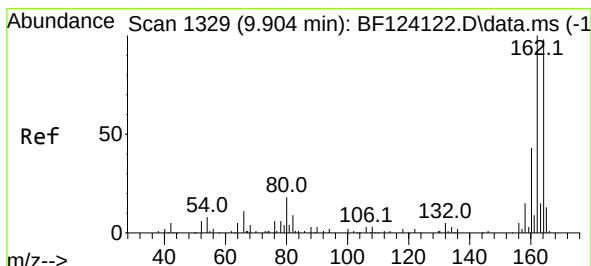
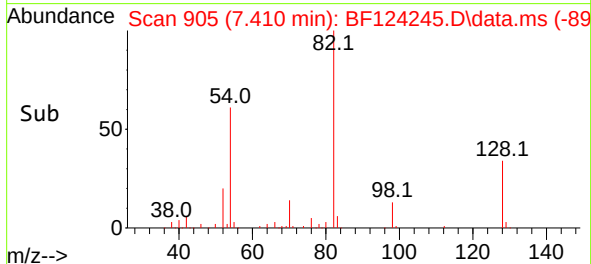
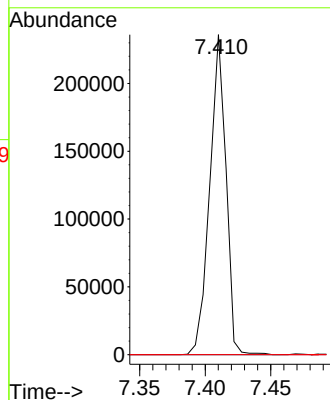
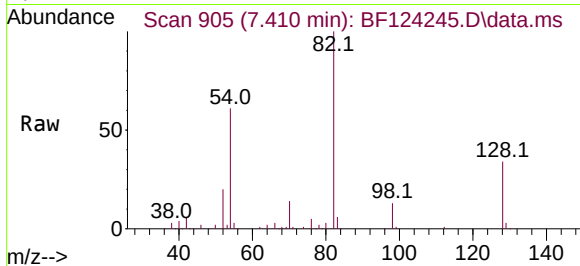




#25
Isophorone
Concen: 33.71 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.264 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

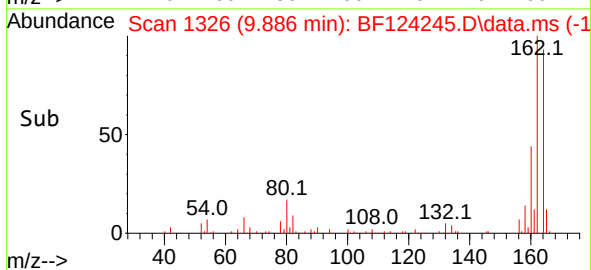
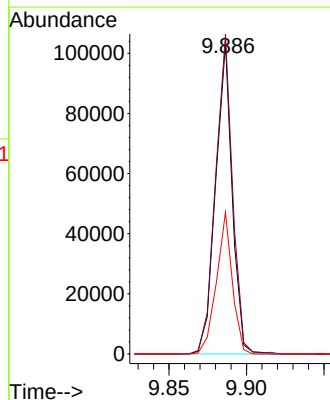
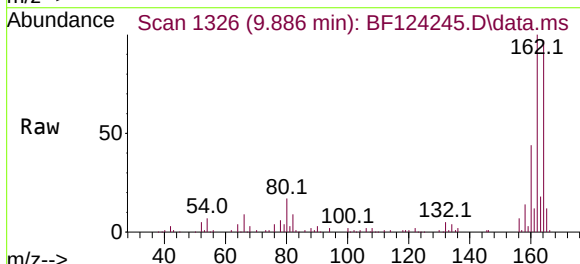
Instrument :
BNA_F
ClientSampleId :
17-B6(4-8)

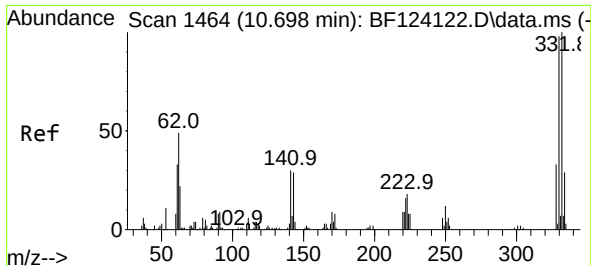
Tgt Ion: 82 Resp: 203610
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

Tgt Ion: 164 Resp: 76899
Ion Ratio Lower Upper
164 100
162 103.0 80.7 121.1
160 45.6 37.3 55.9

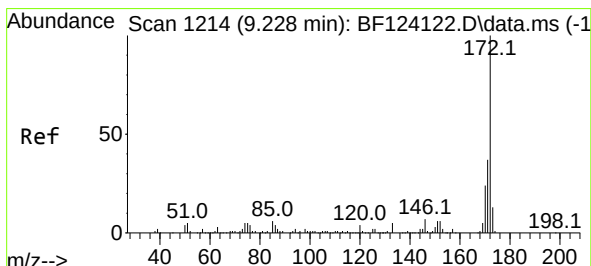
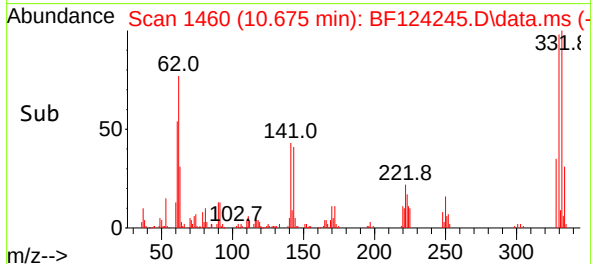
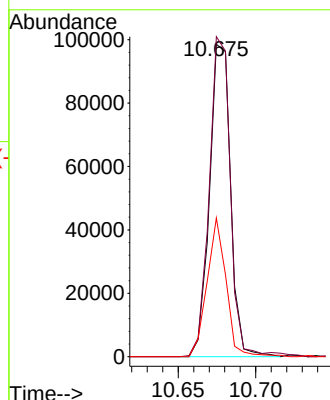
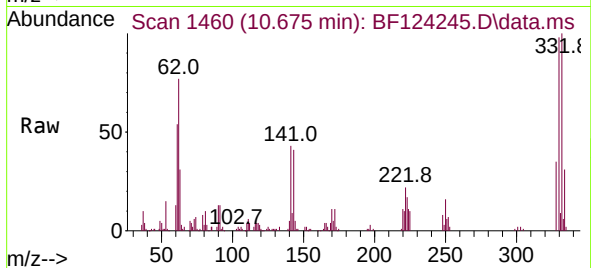




#42
2,4,6-Tribromophenol
Concen: 85.48 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

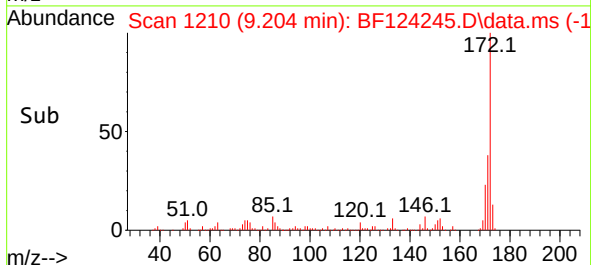
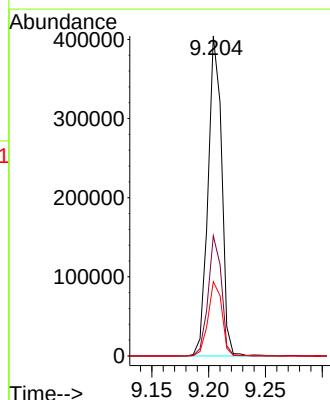
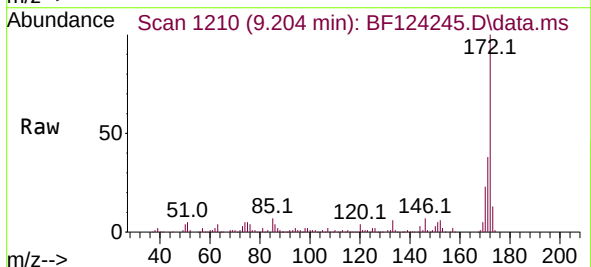
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17-B6(4-8)

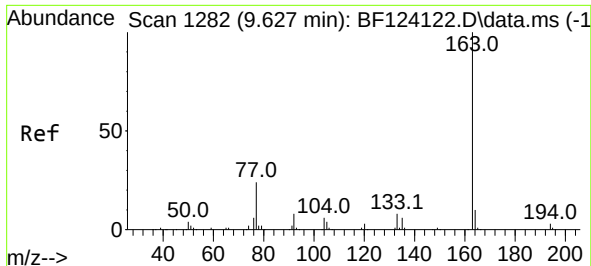
Tgt Ion: 330 Resp: 93128
Ion Ratio Lower Upper
330 100
332 103.3 77.1 115.7
141 40.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 55.10 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

Tgt Ion: 172 Resp: 336690
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 23.2 19.2 28.8

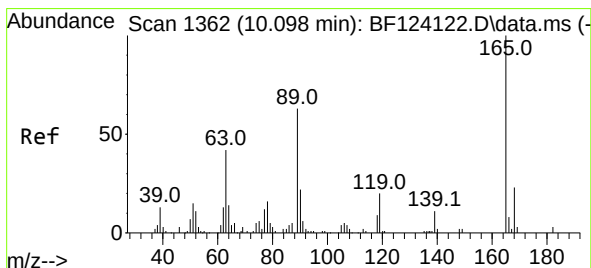
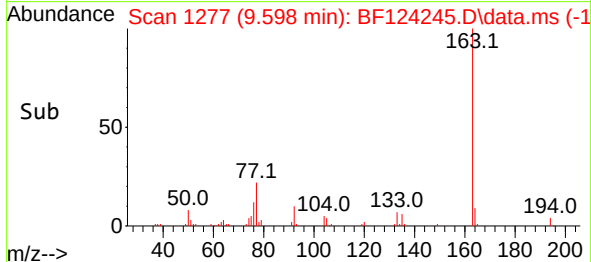
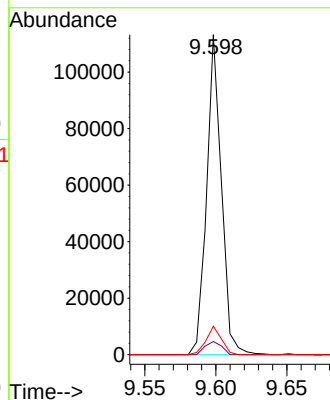
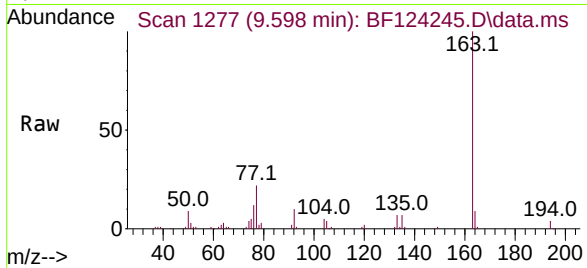




#50
Dimethylphthalate
Concen: 12.92 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.017 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

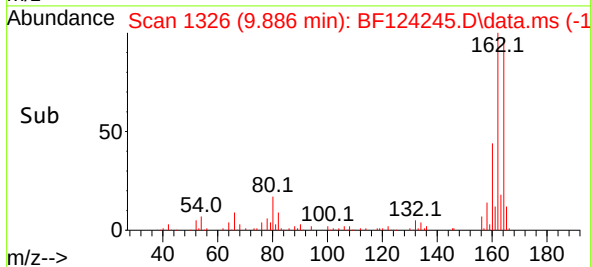
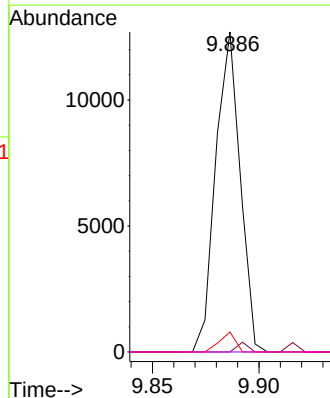
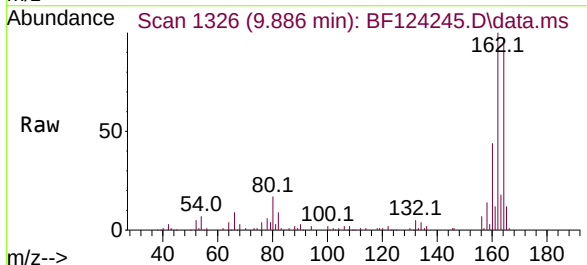
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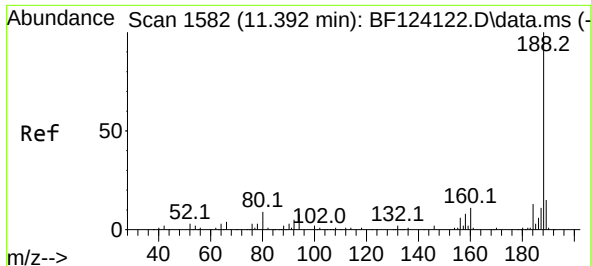
Tgt Ion:163 Resp: 82202
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 8.9 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.27 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

Tgt Ion:165 Resp: 10141
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 6.2 67.7 101.5#
182 0.0 2.1 3.1#

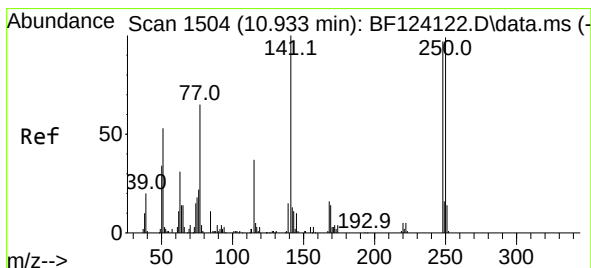
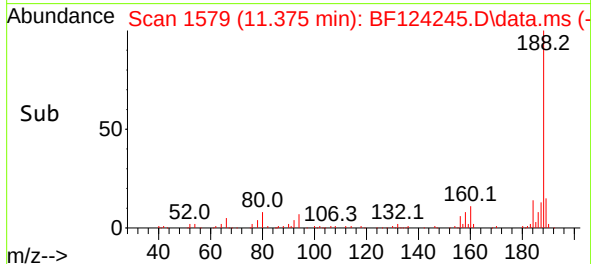
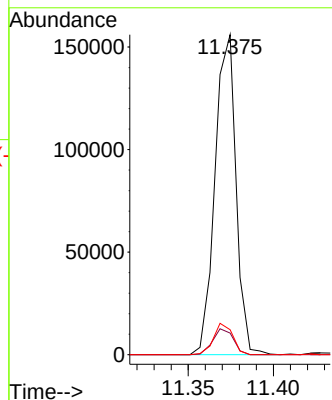
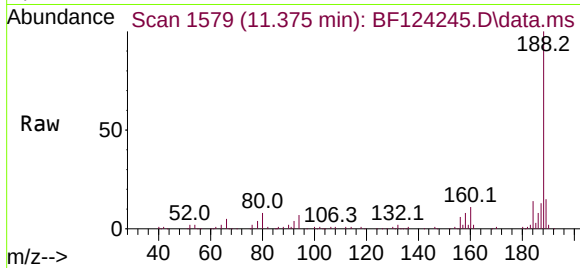




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

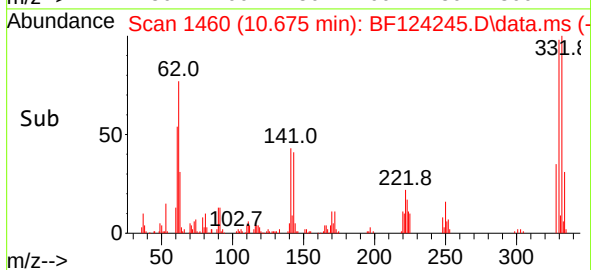
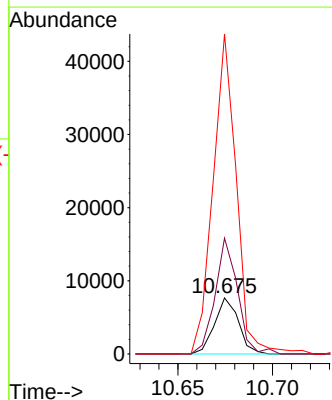
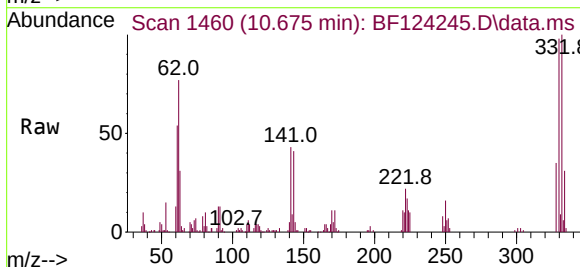
Instrument :
BNA_F
ClientSampleId :
17-B6(4-8)

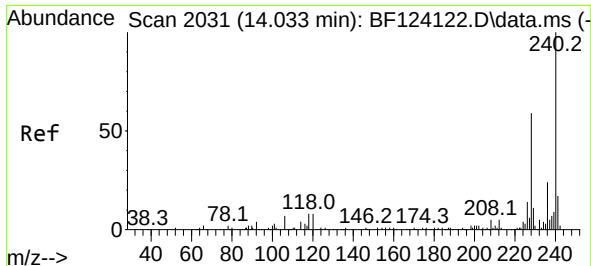
Tgt Ion:188 Resp: 133646
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.8 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 3.67 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

Tgt Ion:248 Resp: 6728
Ion Ratio Lower Upper
248 100
250 206.8 77.4 116.2#
141 571.3 63.7 95.5#

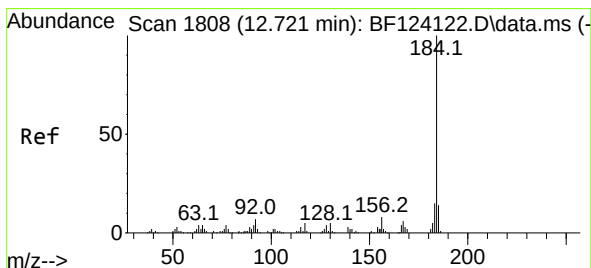
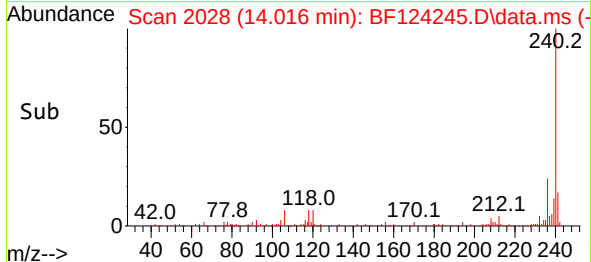
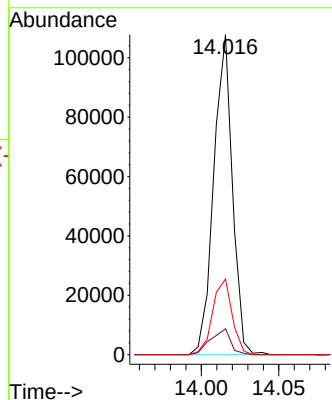
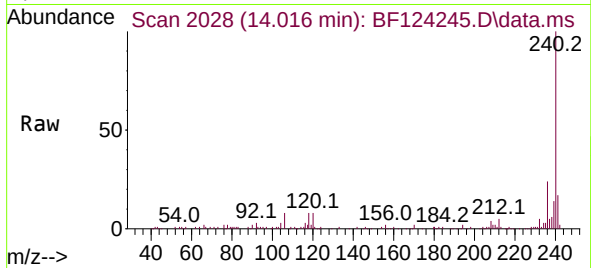




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

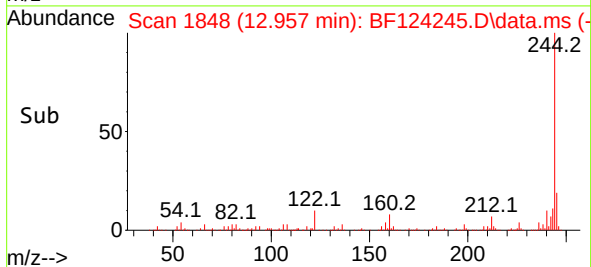
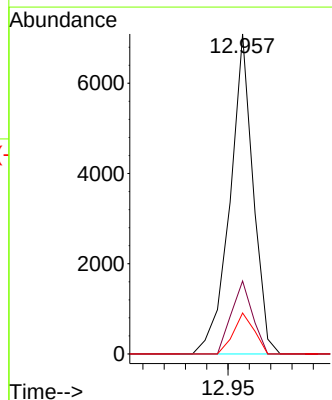
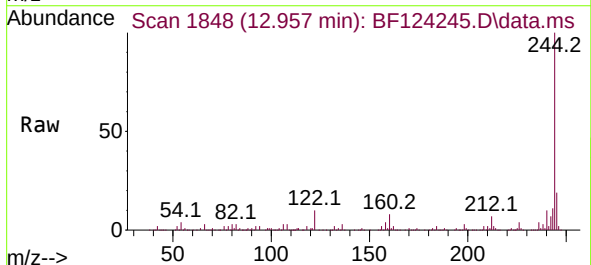
Instrument :
BNA_F
ClientSampleId :
17-B6(4-8)

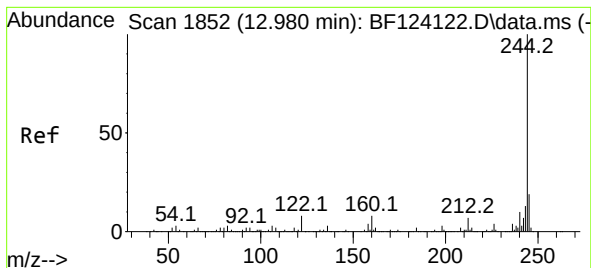
Tgt Ion:240 Resp: 90123
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 23.7 19.0 28.4



#77
Benzidine
Concen: 6.40 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

Tgt Ion:184 Resp: 5360
Ion Ratio Lower Upper
184 100
185 22.8 12.1 18.1#
183 12.8 7.8 11.8#





#79

Terphenyl-d14

Concen: 49.40 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF124245.D

Acq: 10 Jun 2021 22:01

Tgt Ion:244 Resp: 324287

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

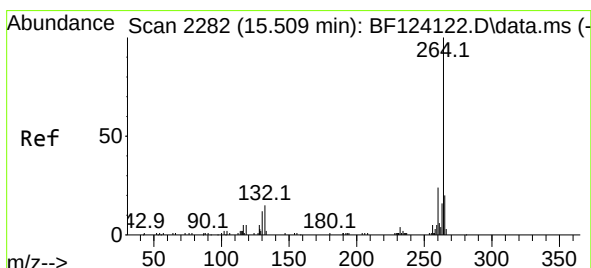
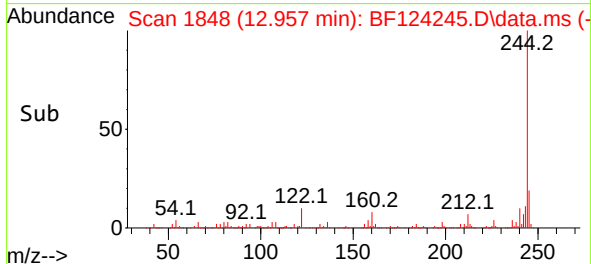
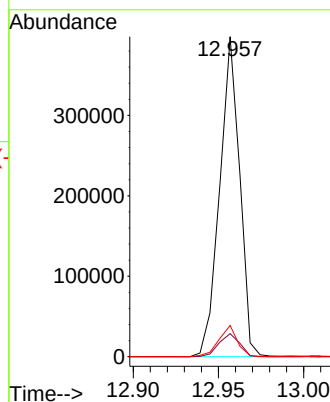
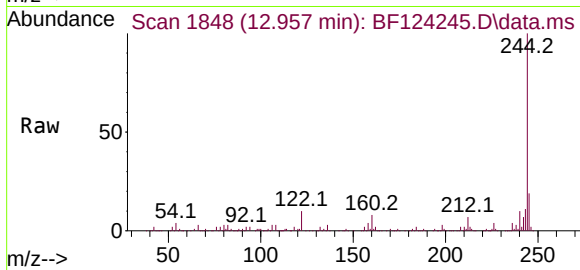
122 9.8 9.7 14.5

Instrument :

BNA_F

ClientSampleId :

17-B6(4-8)



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF124245.D

Acq: 10 Jun 2021 22:01

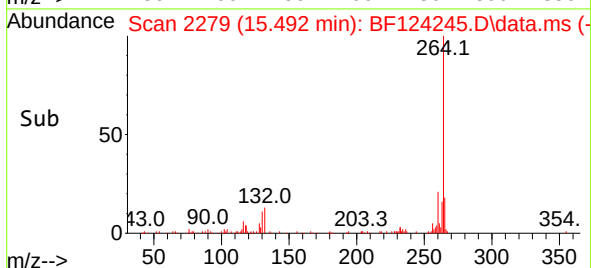
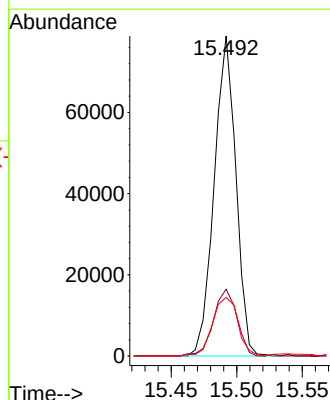
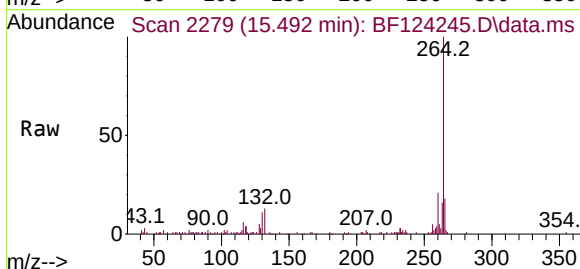
Tgt Ion:264 Resp: 90420

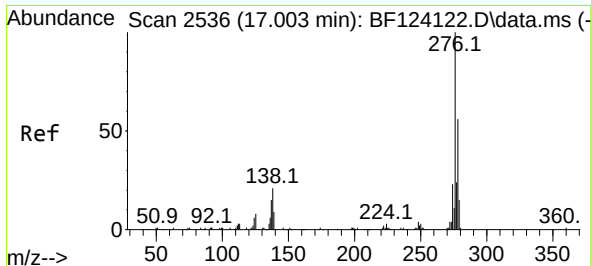
Ion Ratio Lower Upper

264 100

260 20.9 18.7 28.1

265 18.3 17.8 26.8

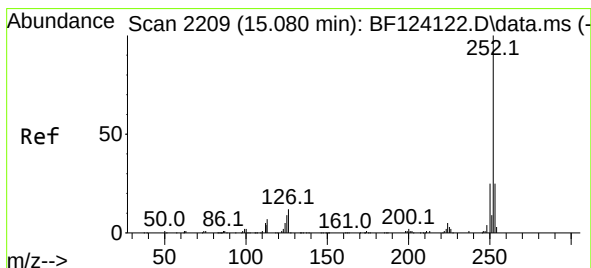
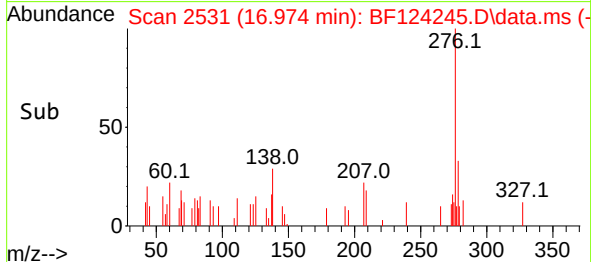
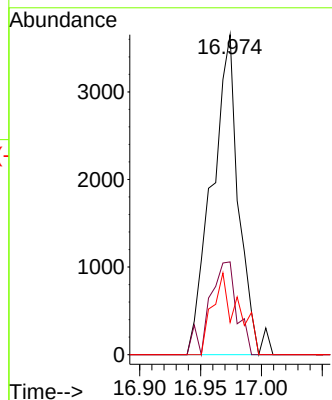
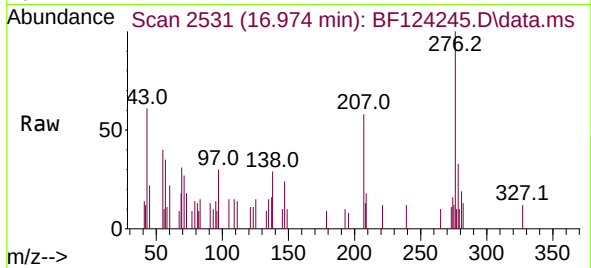




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.01 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

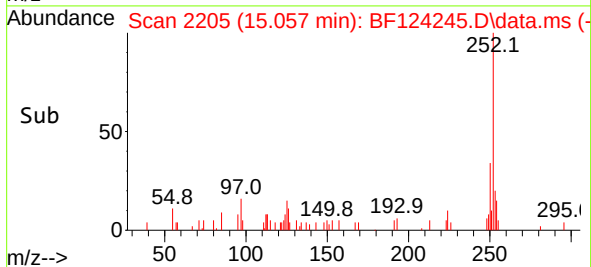
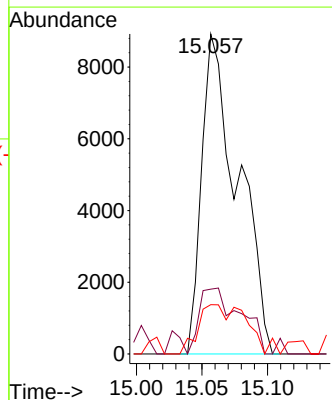
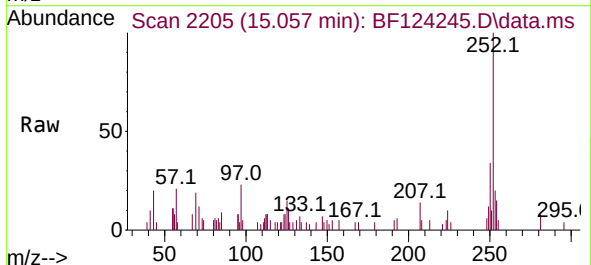
Instrument :
BNA_F
ClientSampleId :
17-B6(4-8)

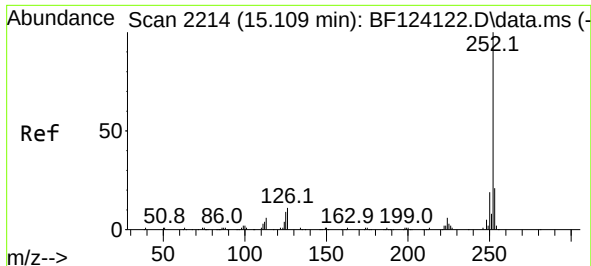
Tgt Ion:276 Resp: 5588
Ion Ratio Lower Upper
276 100
138 29.3 16.2 24.2#
277 24.4 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 2.44 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

Tgt Ion:252 Resp: 17157
Ion Ratio Lower Upper
252 100
253 20.2 18.1 27.1
125 15.4 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.58 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.035 min

Lab File: BF124245.D

Acq: 10 Jun 2021 22:01

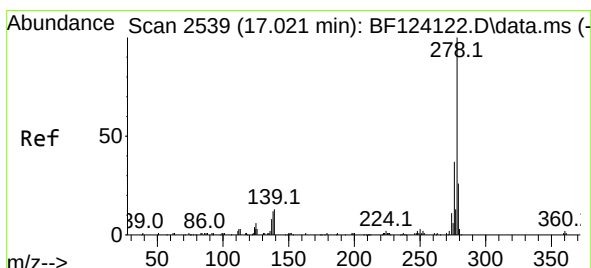
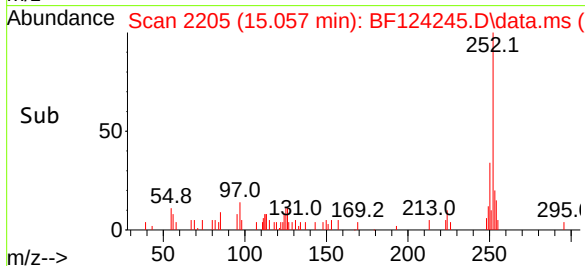
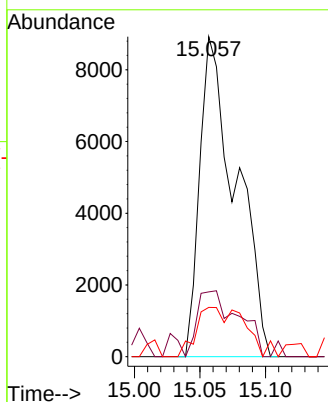
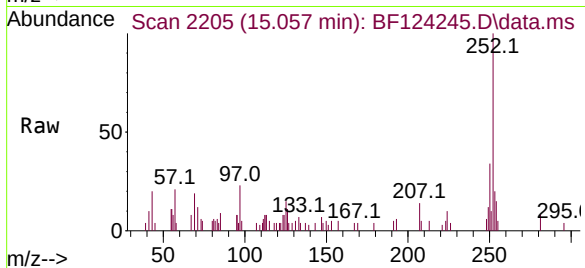
Tgt Ion:252	Resp:	17157
Ion Ratio	Lower	Upper
252	100	
253	20.2	17.9 26.9
125	15.4	7.0 10.6#

Instrument :

BNA_F

ClientSampleId :

17-B6(4-8)



#91

Dibenzo(a,h)anthracene

Concen: 4.39 ng

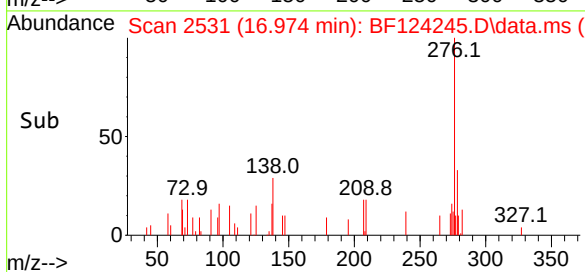
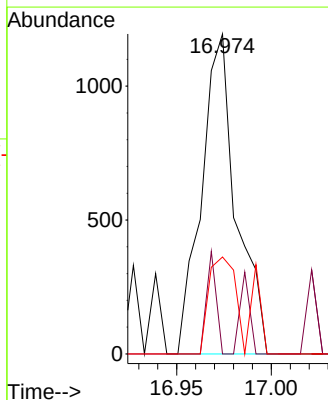
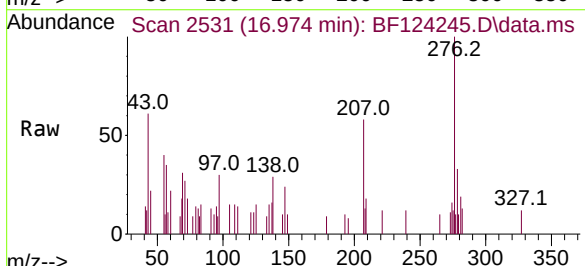
RT: 16.974 min Scan# 2531

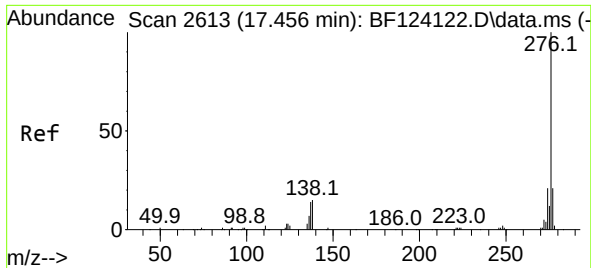
Delta R.T. -0.017 min

Lab File: BF124245.D

Acq: 10 Jun 2021 22:01

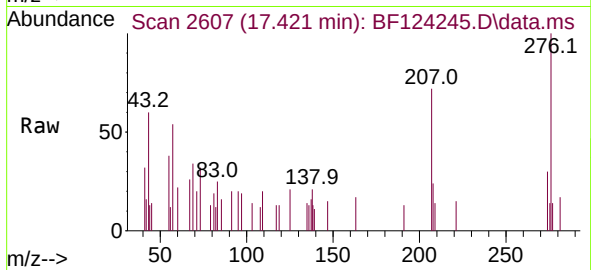
Tgt Ion:278	Resp:	1527
Ion Ratio	Lower	Upper
278	100	
139	0.0	10.2 15.2#
279	30.3	19.4 29.0#





#92
Benzo(g,h,i)perylene
Concen: 4.49 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.012 min
Lab File: BF124245.D
Acq: 10 Jun 2021 22:01

Instrument :
BNA_F
ClientSampleId :
17-B6(4-8)



Tgt Ion: 276 Resp: 4698
Ion Ratio Lower Upper
276 100
277 14.3 18.2 27.2#
138 33.8 13.8 20.6#

