

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124202.D
 Acq On : 9 Jun 2021 3:17
 Operator : JU/CG
 Sample : M2589-18 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(0-2)

Quant Time: Jun 09 04:11:23 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)

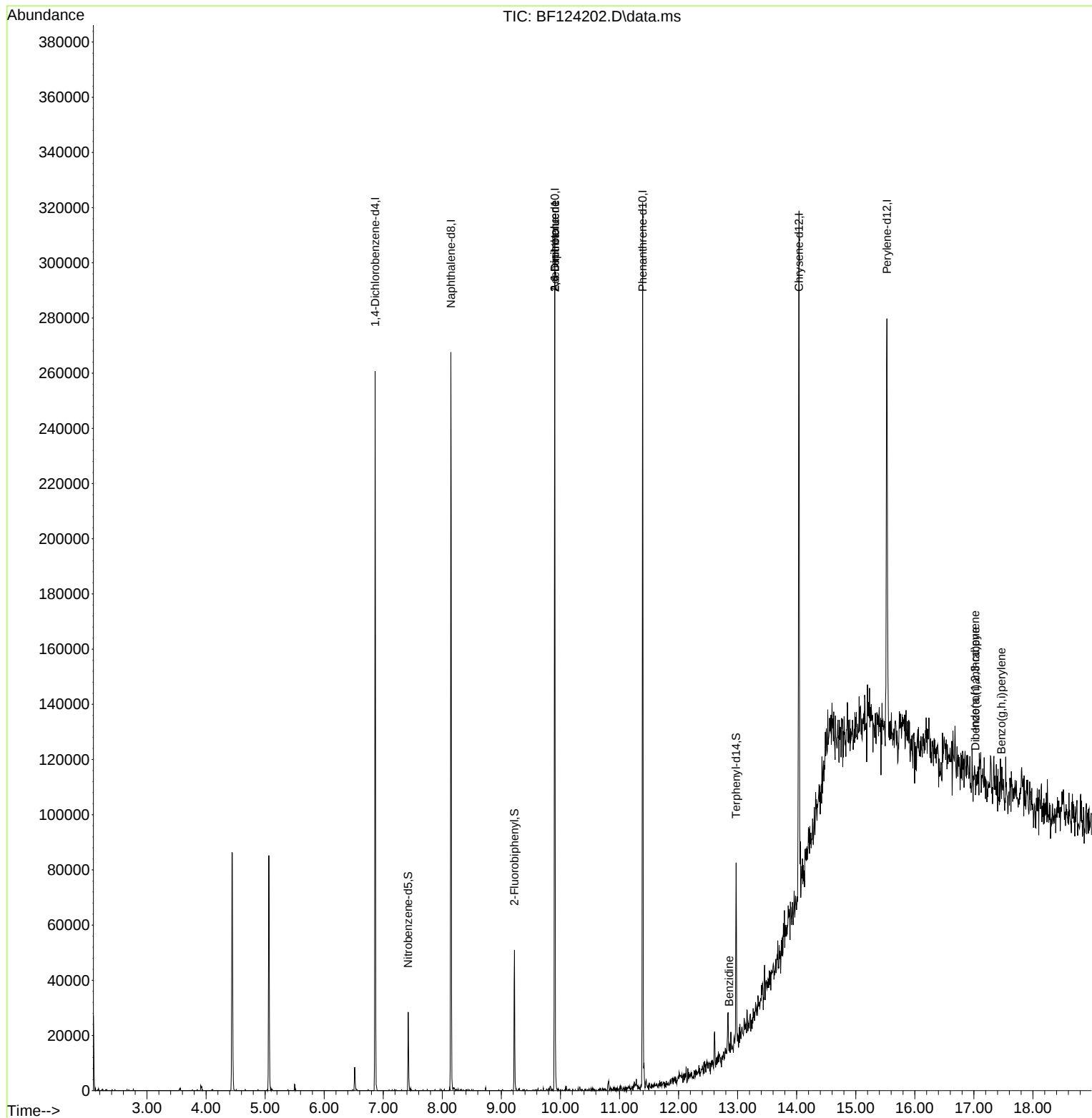
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	29669	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	97765	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	53589	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	94496	20.00	ng	0.00
76) Chrysene-d12	14.039	240	73192	20.00	ng	0.00
86) Perylene-d12	15.527	264	60726	20.00	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	875	0.44	ng	0.01
7) Phenol-d6	6.516	99	3383	1.28	ng	0.00
23) Nitrobenzene-d5	7.422	82	8268	3.35	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.222	172	15774	3.70	ng	0.00
79) Terphenyl-d14	12.974	244	17410	3.27	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	9.904	165	5913	5.82	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	5913	4.41	ng	# 15
77) Benzidine	12.857	184	151	4.14	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.021	276	1783	4.66	ng	# 54
91) Dibenzo(a,h)anthracene	17.027	278	536	4.29	ng	# 1
92) Benzo(g,h,i)perylene	17.468	276	2808	4.41	ng	# 66

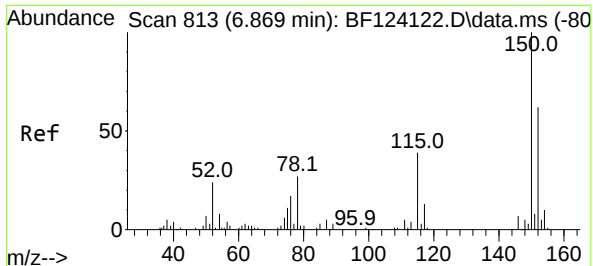
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
18-B12(0-2)

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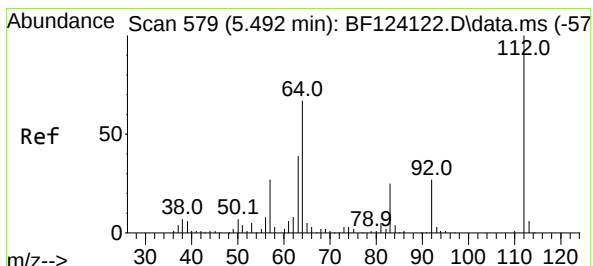
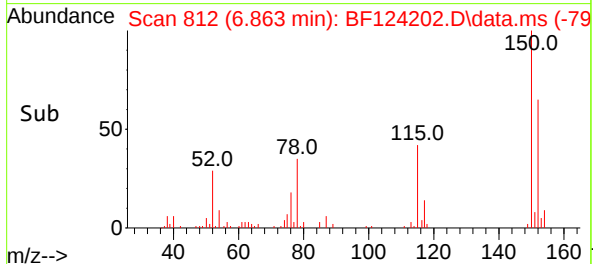
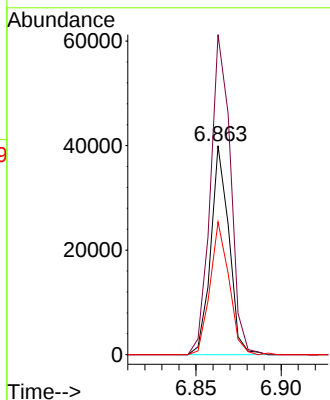
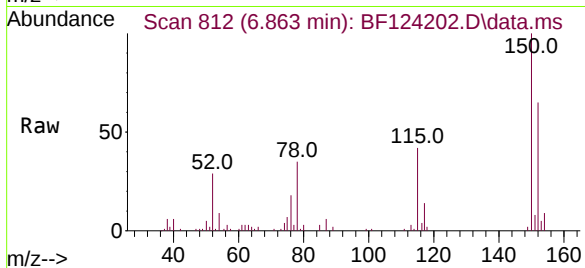




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

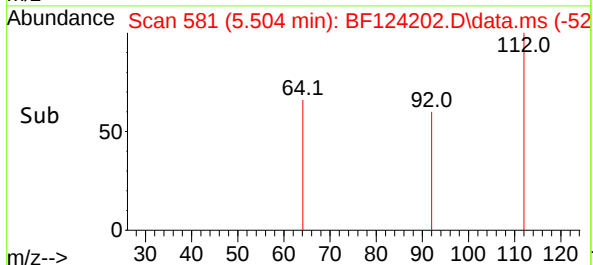
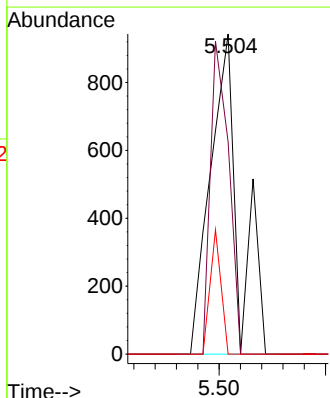
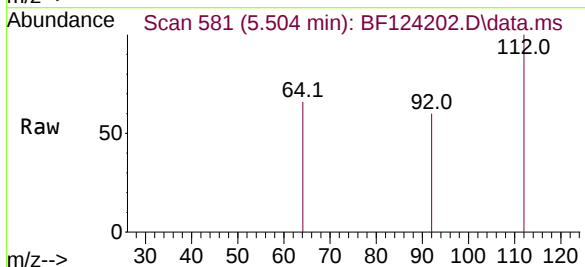
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)

Tgt Ion:152 Resp: 29669
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 63.6 54.3 81.5



#5
2-Fluorophenol
Concen: 0.44 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

Tgt Ion:112 Resp: 875
Ion Ratio Lower Upper
112 100
64 66.3 61.4 92.0
63 0.0 33.0 49.4#

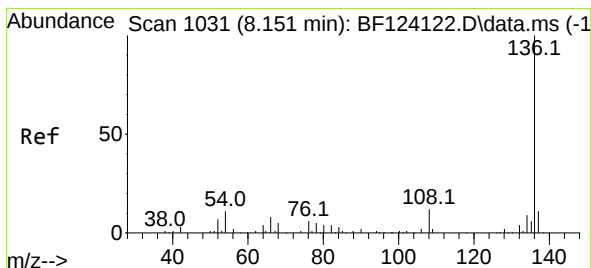
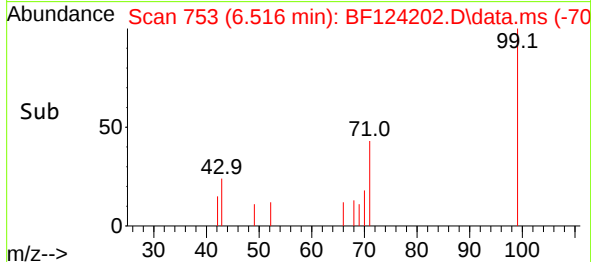
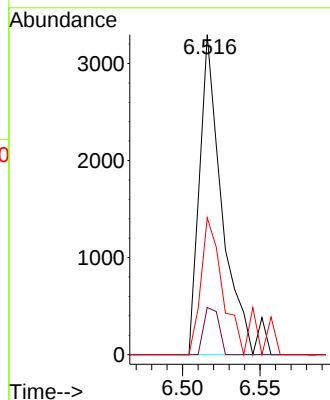
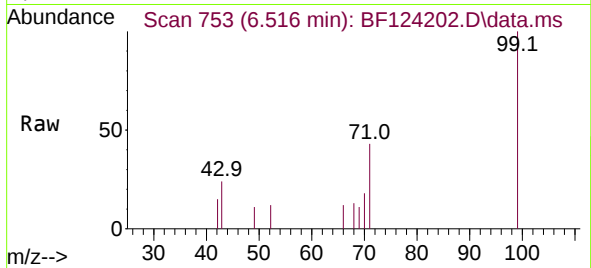




#7
Phenol-d6
Concen: 1.28 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

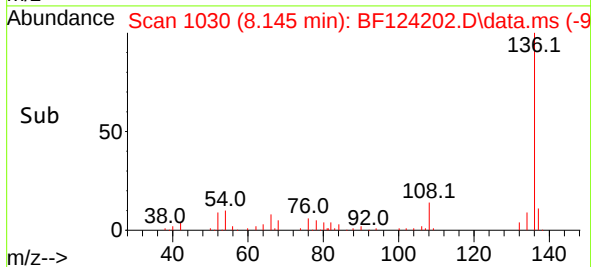
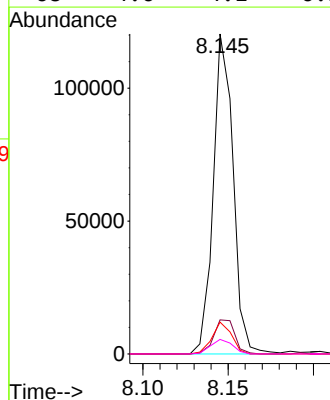
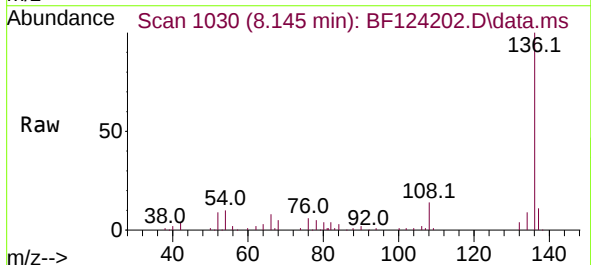
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)

Tgt Ion: 99 Resp: 3383
Ion Ratio Lower Upper
99 100
42 14.8 19.8 29.8#
71 42.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

Tgt Ion: 136 Resp: 97765
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.9 9.8 14.6
68 4.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 3.35 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF124202.D

Acq: 9 Jun 2021 3:17

Tgt Ion: 82 Resp: 8268

Ion Ratio Lower Upper

82 100

128 37.8 29.4 44.2

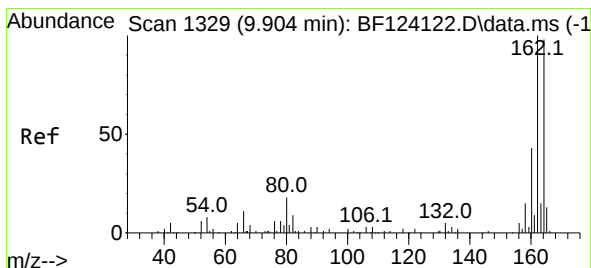
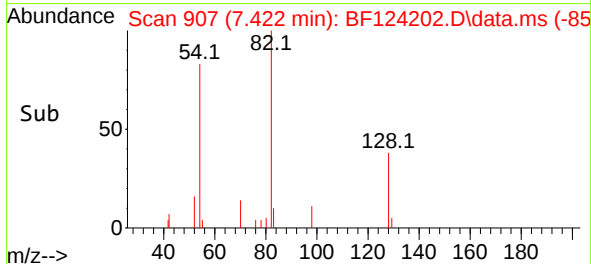
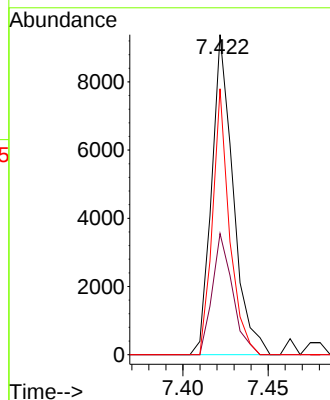
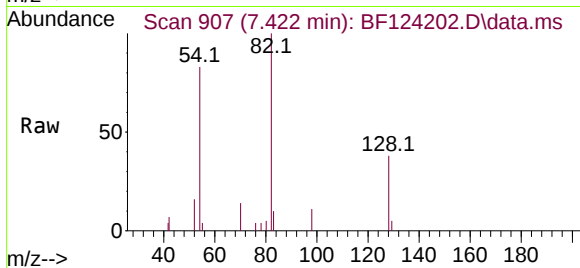
54 83.1 54.1 81.1#

Instrument :

BNA_F

ClientSampleId :

18-B12(0-2)



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF124202.D

Acq: 9 Jun 2021 3:17

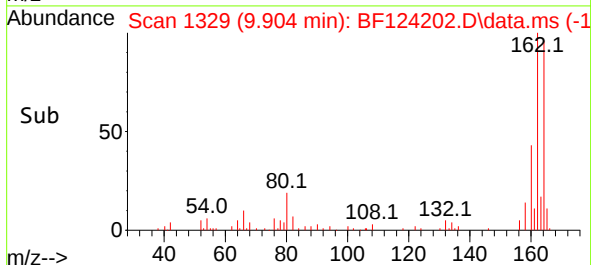
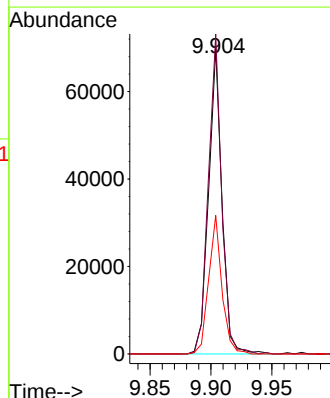
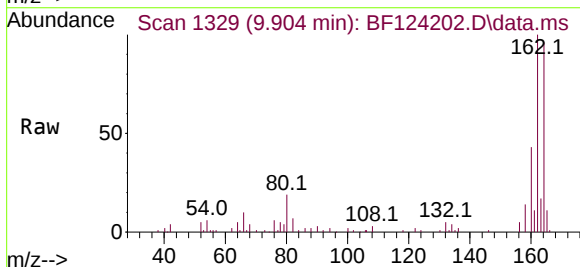
Tgt Ion:164 Resp: 53589

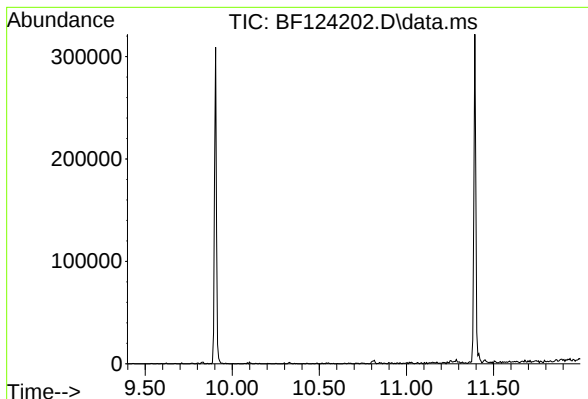
Ion Ratio Lower Upper

164 100

162 104.7 80.7 121.1

160 45.3 37.3 55.9



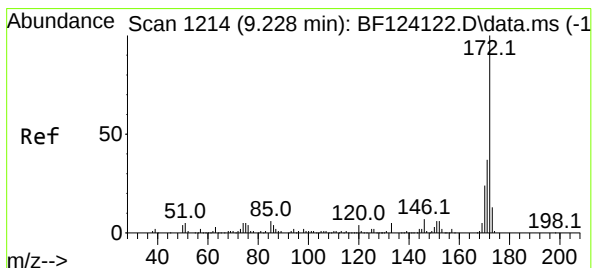
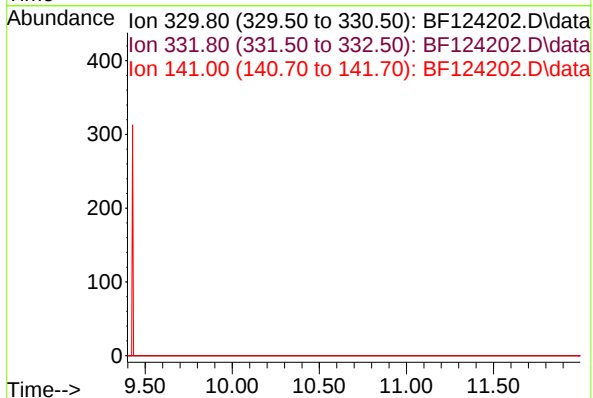


#42
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.70 min
 Lab File: BF124202.D
 Acq: 9 Jun 2021 3:17

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.4
141	34.9

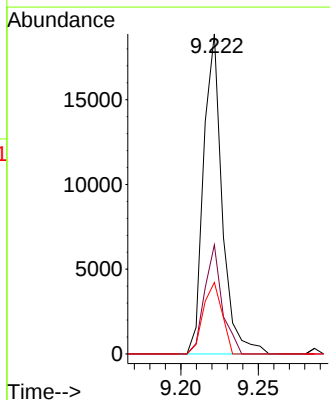
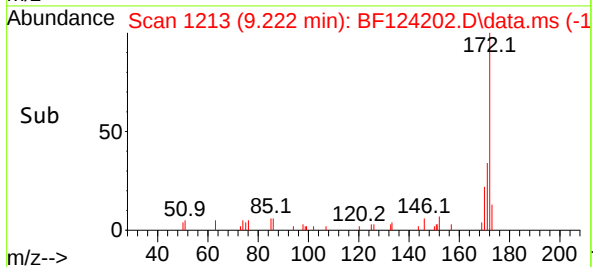
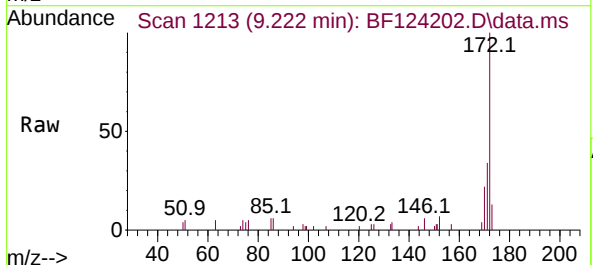
Instrument :
 BNA_F
 ClientSampleId :
 18-B12(0-2)

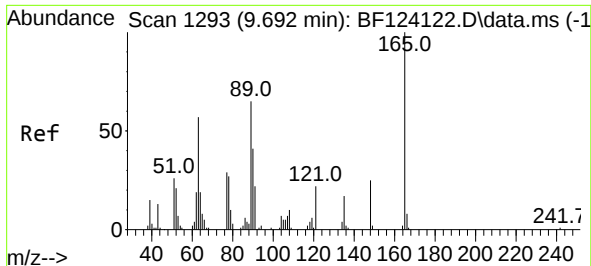


#45
 2-Fluorobiphenyl
 Concen: 3.70 ng
 RT: 9.222 min Scan# 1213
 Delta R.T. -0.006 min
 Lab File: BF124202.D
 Acq: 9 Jun 2021 3:17

Tgt Ion: 172 Resp: 15774

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.1	42.1
170	22.3	19.2	28.8

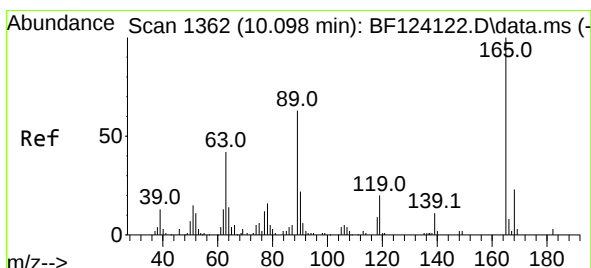
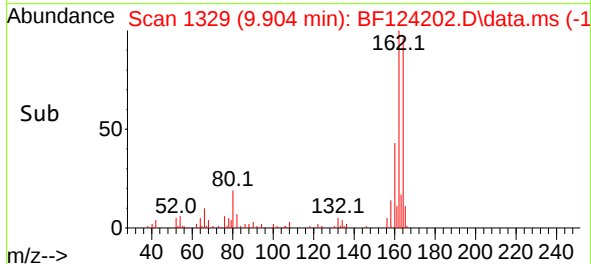
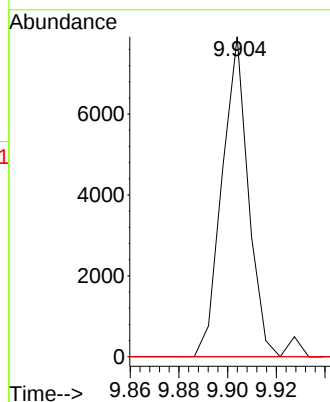
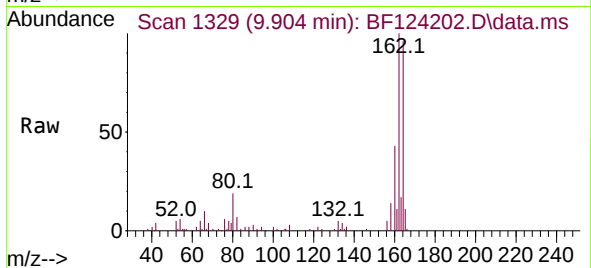




#51
2,6-Dinitrotoluene
Concen: 5.82 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

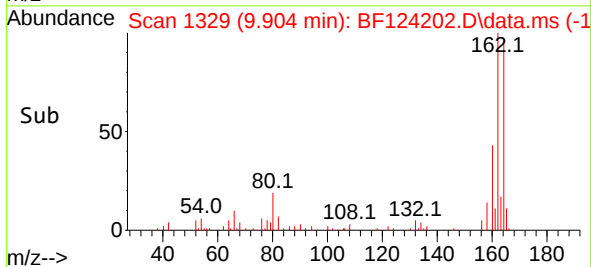
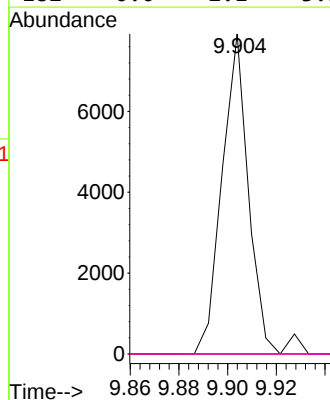
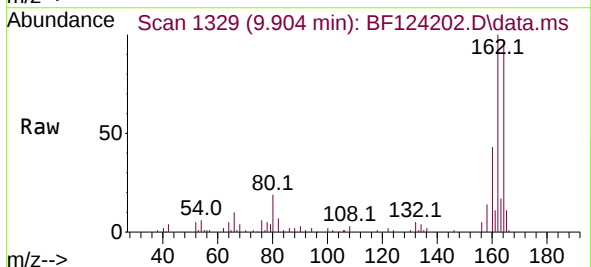
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)

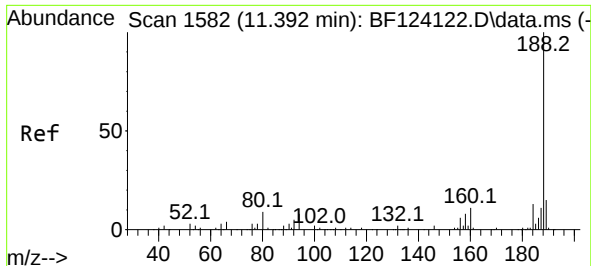
Tgt Ion:165 Resp: 5913
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.41 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

Tgt Ion:165 Resp: 5913
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

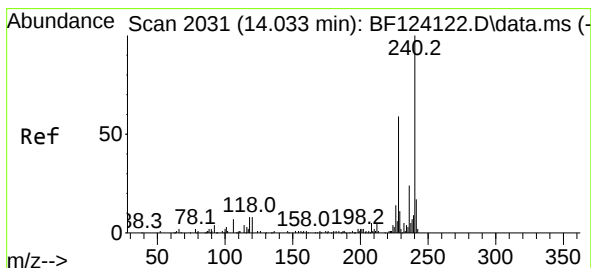
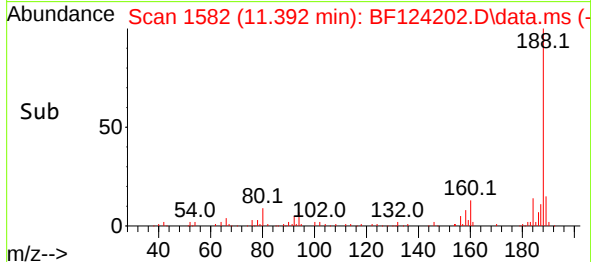
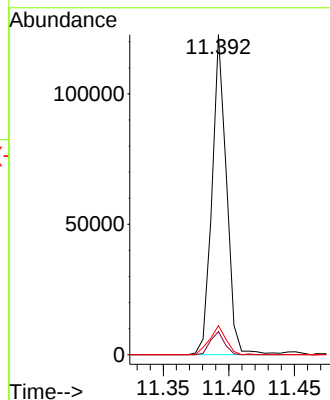
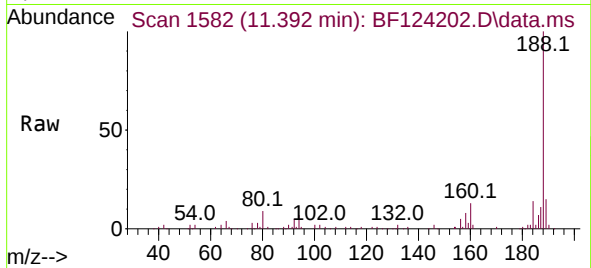




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

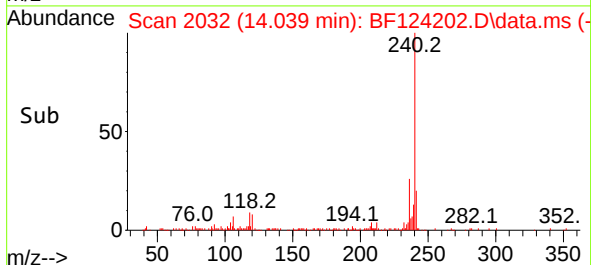
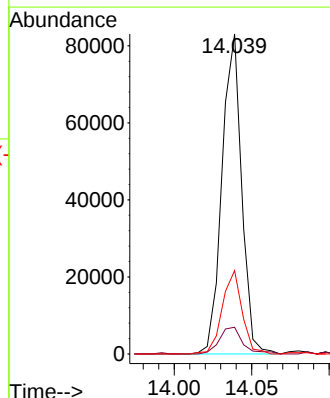
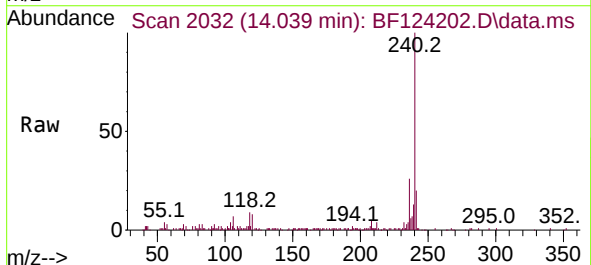
Instrument :
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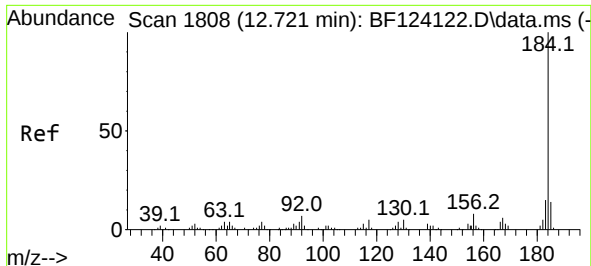
Tgt Ion:188 Resp: 94496
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 9.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

Tgt Ion:240 Resp: 73192
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 26.1 19.0 28.4

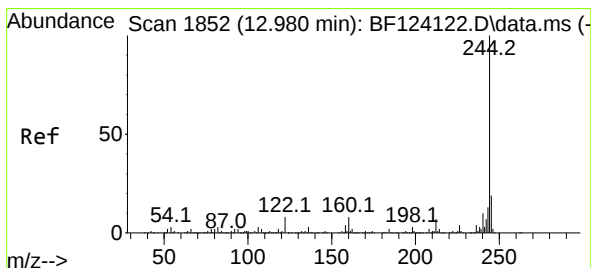
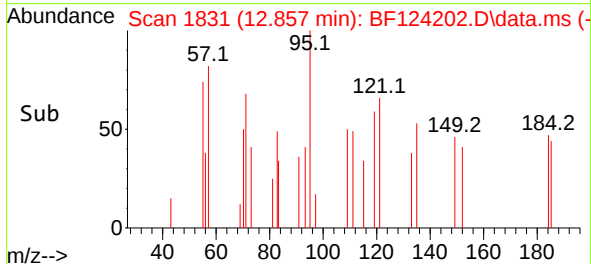
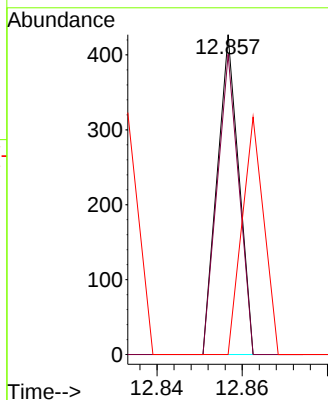
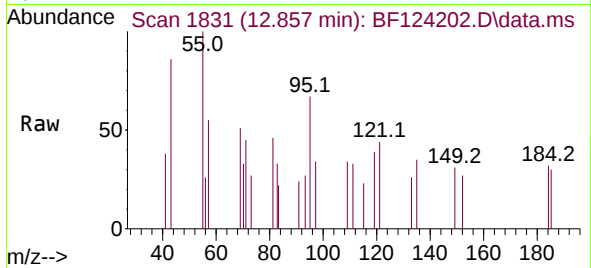




#77
Benzidine
Concen: 4.14 ng
RT: 12.857 min Scan# 1831
Delta R.T. 0.136 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

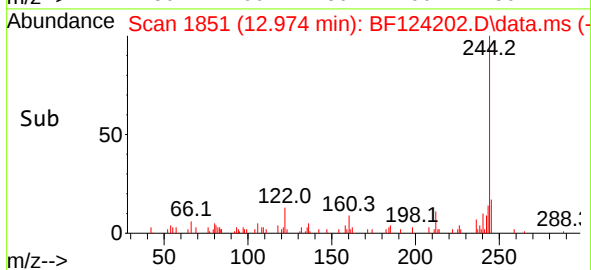
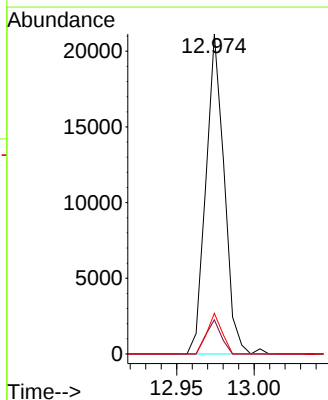
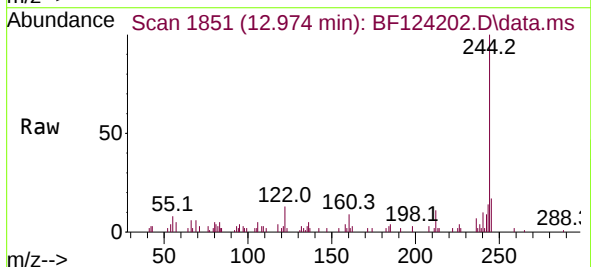
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)

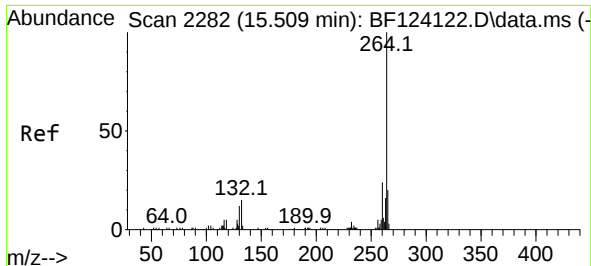
Tgt Ion:184 Resp: 151
Ion Ratio Lower Upper
184 100
185 93.9 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 3.27 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

Tgt Ion:244 Resp: 17410
Ion Ratio Lower Upper
244 100
212 10.6 5.7 8.5#
122 12.7 9.7 14.5

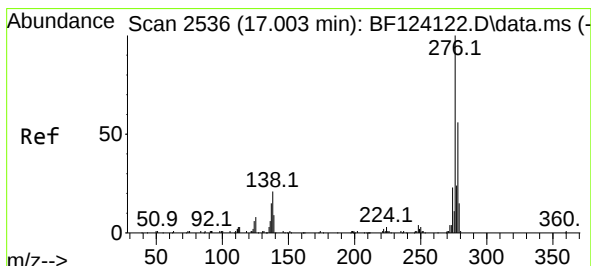
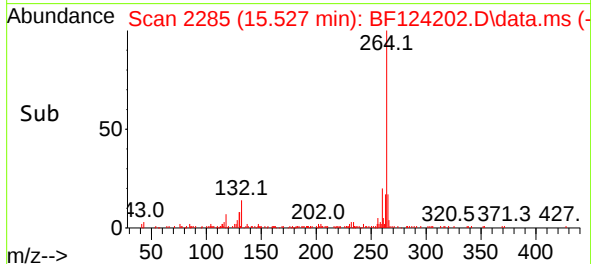
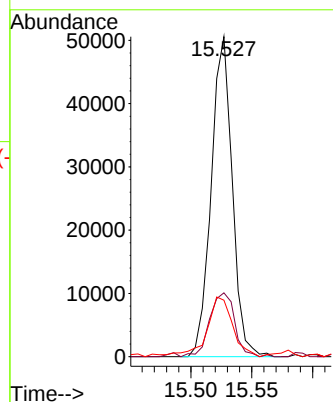
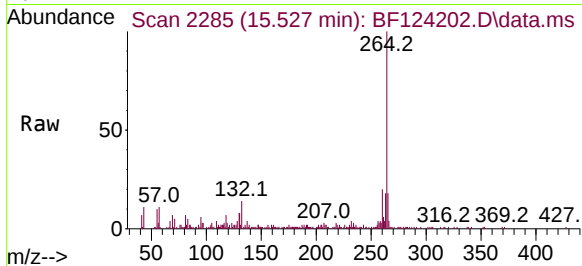




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.018 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

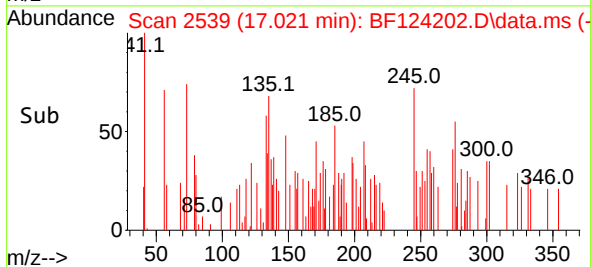
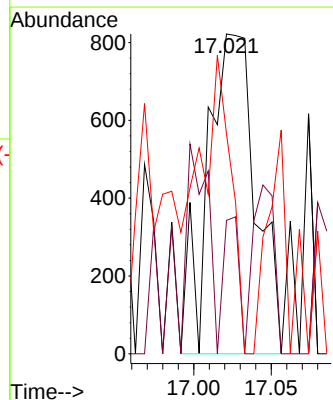
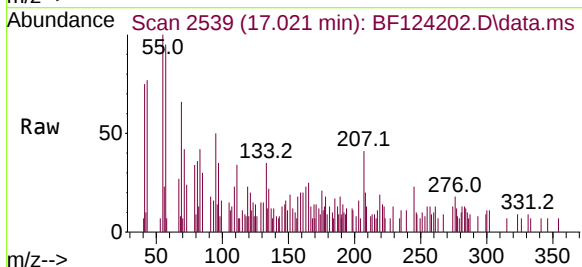
Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)

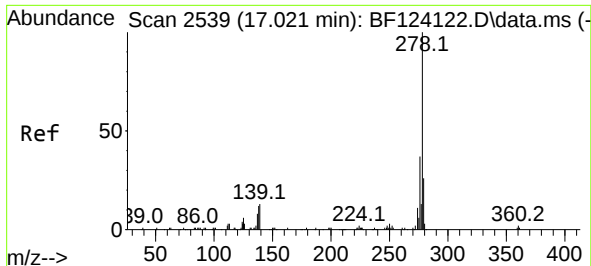
Tgt Ion:264 Resp: 60726
Ion Ratio Lower Upper
264 100
260 19.9 18.7 28.1
265 17.7 17.8 26.8#



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.66 ng
RT: 17.021 min Scan# 2539
Delta R.T. 0.018 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

Tgt Ion:276 Resp: 1783
Ion Ratio Lower Upper
276 100
138 13.7 16.2 24.2#
277 61.1 20.1 30.1#

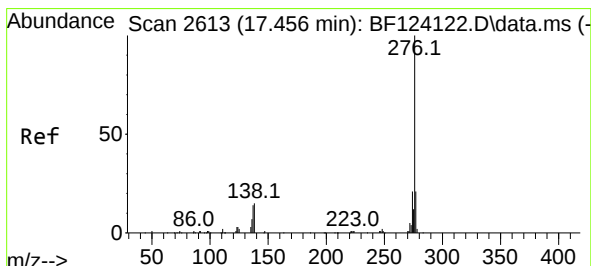
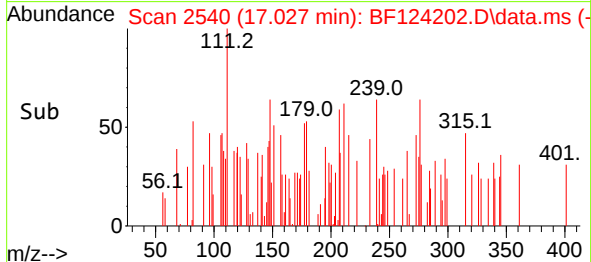
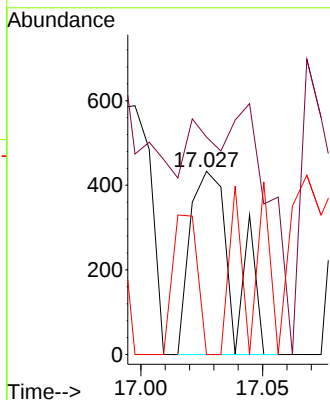
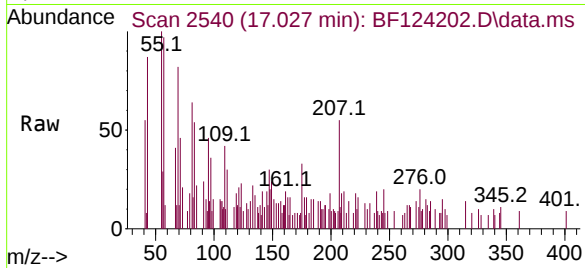




#91
Dibenzo(a,h)anthracene
Concen: 4.29 ng
RT: 17.027 min Scan# 2540
Delta R.T. 0.006 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

Instrument :
BNA_F
ClientSampleId :
18-B12(0-2)

Tgt Ion:278 Resp: 536
Ion Ratio Lower Upper
278 100
139 118.7 10.2 15.2#
279 0.0 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 4.41 ng
RT: 17.468 min Scan# 2615
Delta R.T. 0.012 min
Lab File: BF124202.D
Acq: 9 Jun 2021 3:17

Tgt Ion:276 Resp: 2808
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 24.8 13.8 20.6#

