

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124203.D
 Acq On : 9 Jun 2021 3:50
 Operator : JU/CG
 Sample : M2589-16DL2 250X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B11(4-6)DL2

Quant Time: Jun 09 05:33:23 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)

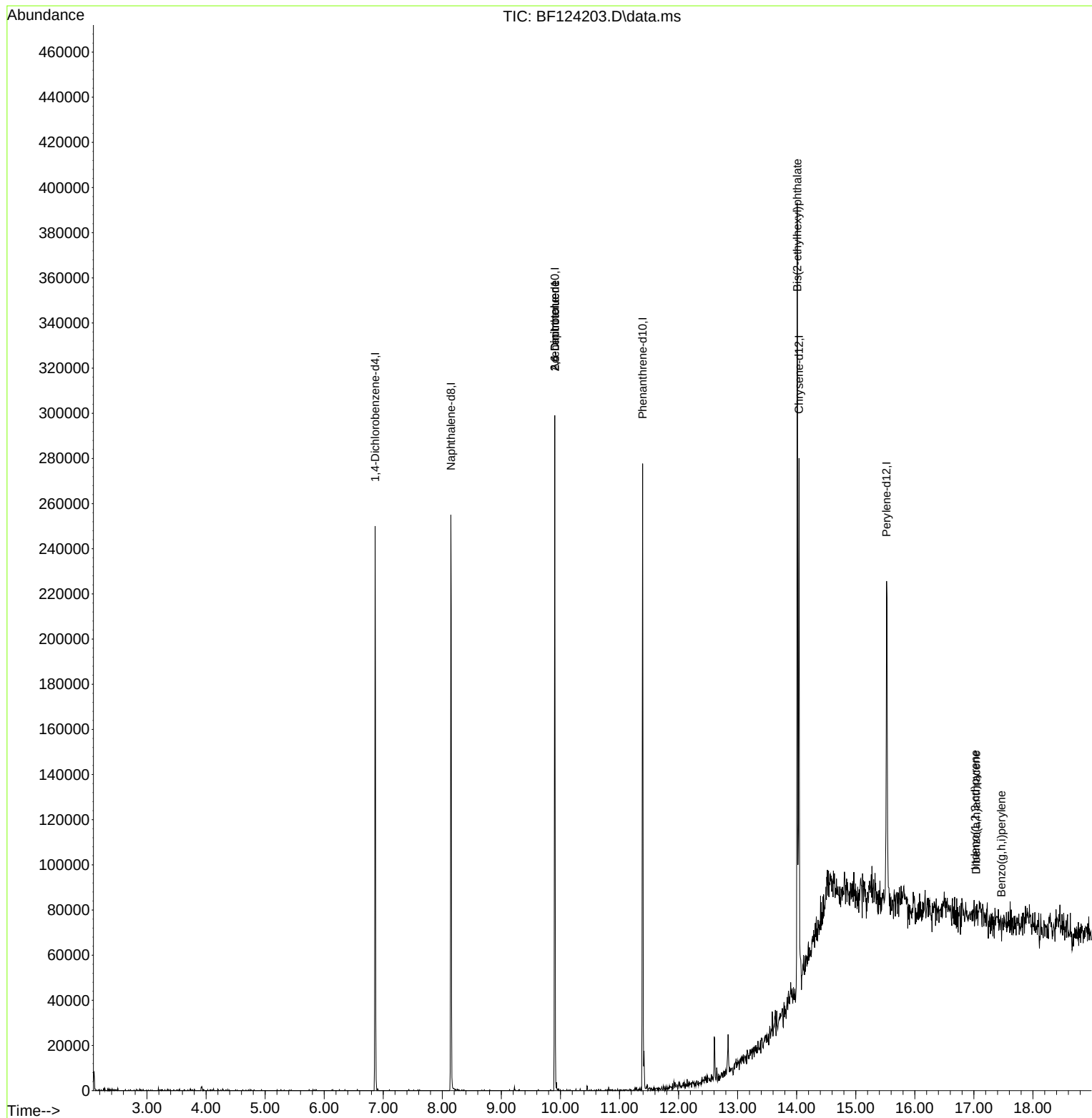
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	30905	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	96965	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	49566	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	89044	20.00	ng	0.00
76) Chrysene-d12	14.039	240	69150	20.00	ng	0.00
86) Perylene-d12	15.521	264	52187	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ng	
7) Phenol-d6	0.000	99	0	0.00	ng	
23) Nitrobenzene-d5	7.433	82	294	0.12	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.222	172	807	0.20	ng	0.00
79) Terphenyl-d14	12.974	244	1473	0.29	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	9.904	165	6378	6.78	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	6378	5.14	ng	# 15
84) Bis(2-ethylhexyl)phtha...	14.009	149	79117	24.69	ng	95
87) Indeno(1,2,3-cd)pyrene	17.021	276	876	4.52	ng	# 64
91) Dibenzo(a,h)anthracene	17.039	278	158	4.21	ng	# 1
92) Benzo(g,h,i)perylene	17.468	276	501	3.93	ng	# 55

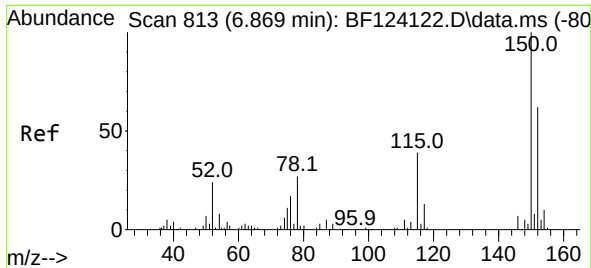
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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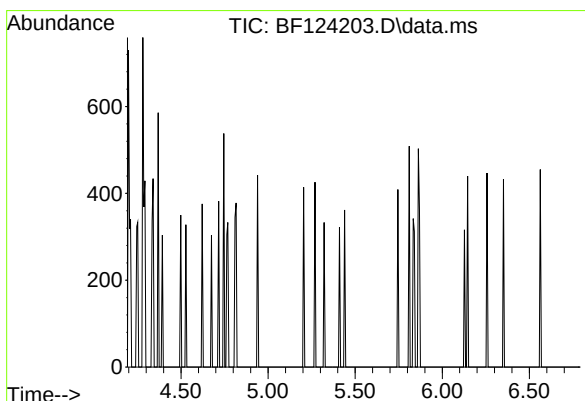
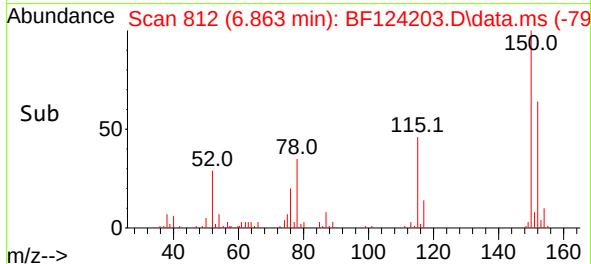
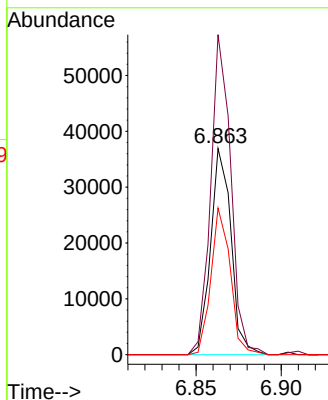
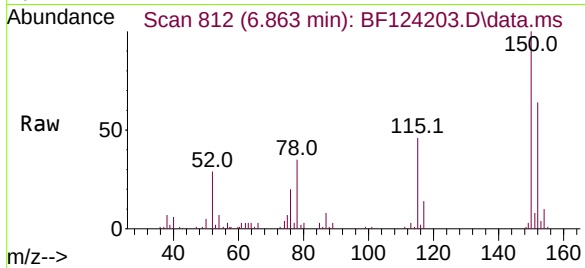




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF124203.D
 Acq: 9 Jun 2021 3:50

Instrument :
 BNA_F
 ClientSampleId :
 18-B11(4-6)DL2

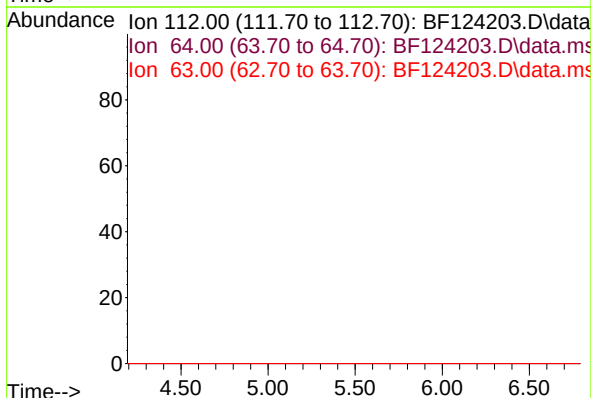
Tgt Ion:152 Resp: 30905
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.0 190.6
 115 71.1 54.3 81.5

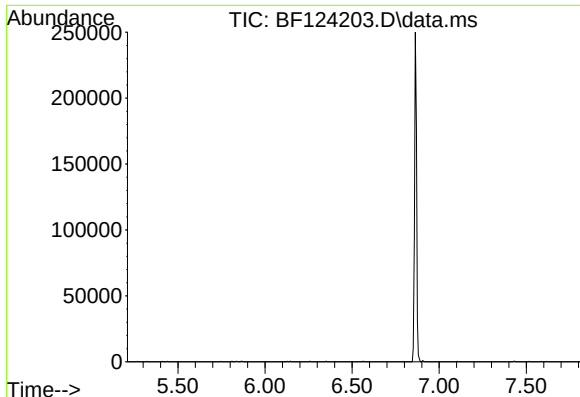


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.49 min

Lab File: BF124203.D
 Acq: 9 Jun 2021 3:50

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 76.7
 63 41.2



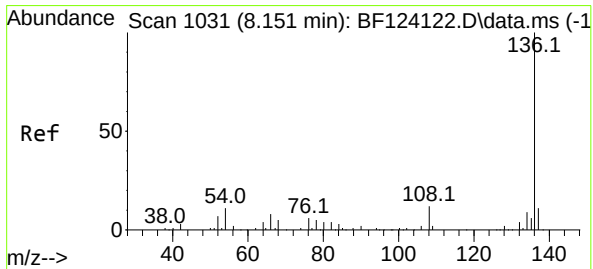
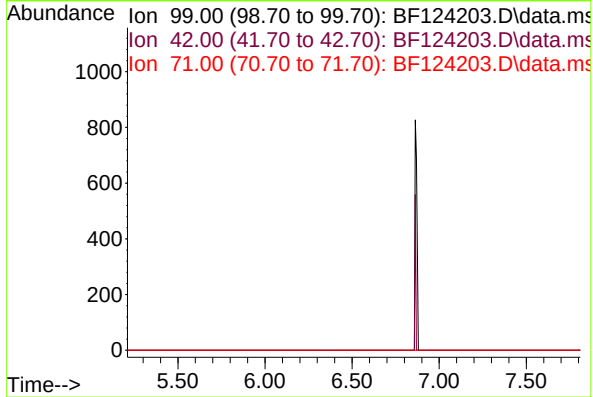


#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.51 min

Lab File: BF124203.D
Acq: 9 Jun 2021 3:50

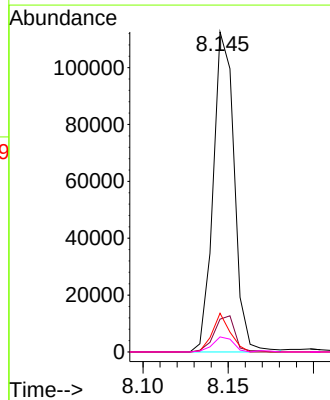
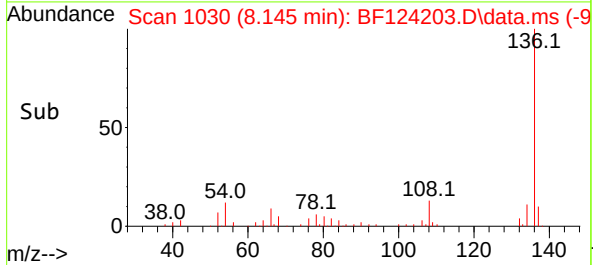
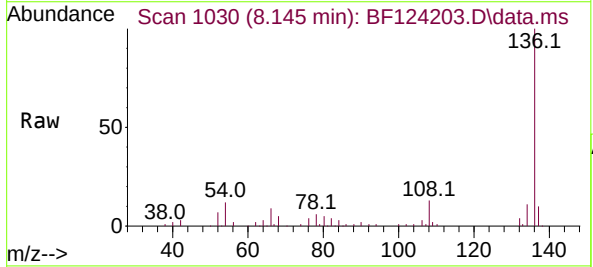
Tgt Ion: 99
Sig Exp Ratio
99 100
42 24.8
71 38.9

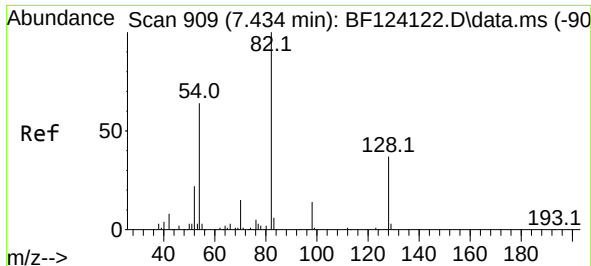
Instrument :
BNA_F
ClientSampleId :
18-B11(4-6)DL2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124203.D
Acq: 9 Jun 2021 3:50

Tgt Ion: 136 Resp: 96965
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 12.1 9.8 14.6
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 0.12 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF124203.D

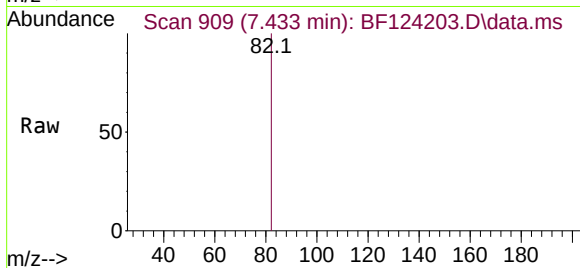
Acq: 9 Jun 2021 3:50

Instrument :

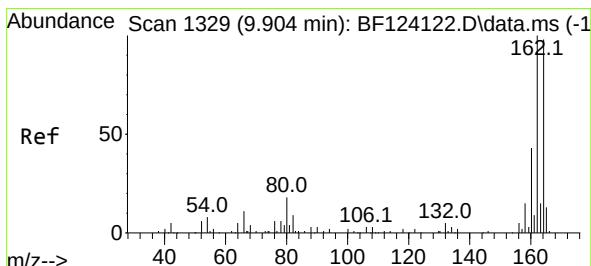
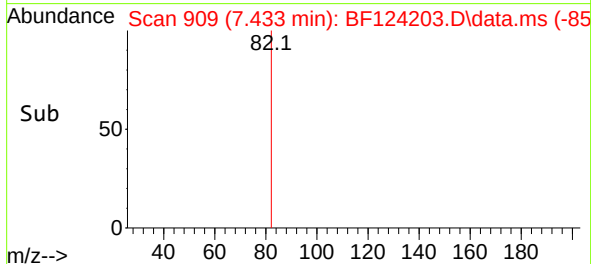
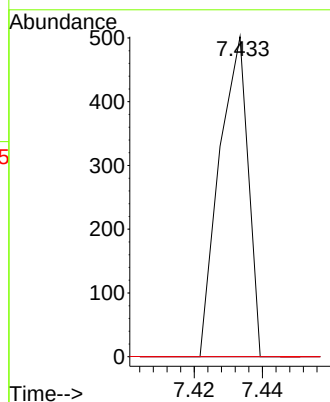
BNA_F

ClientSampleId :

18-B11(4-6)DL2



Tgt Ion:	82	Resp:	294
Ion Ratio	Lower	Upper	
82	100		
128	0.0	29.4	44.2#
54	0.0	54.1	81.1#



#39

Acenaphthene-d10

Concen: 20.00 ng

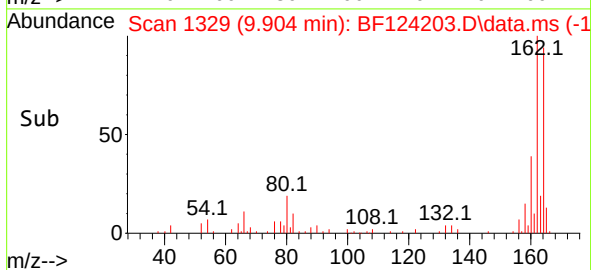
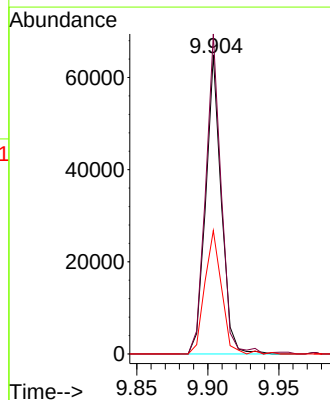
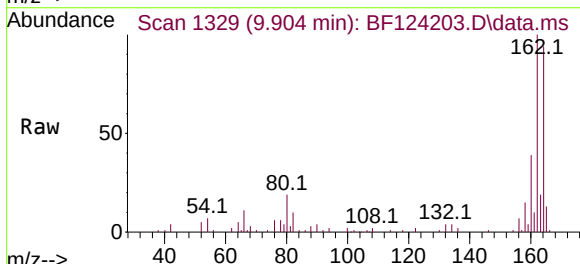
RT: 9.904 min Scan# 1329

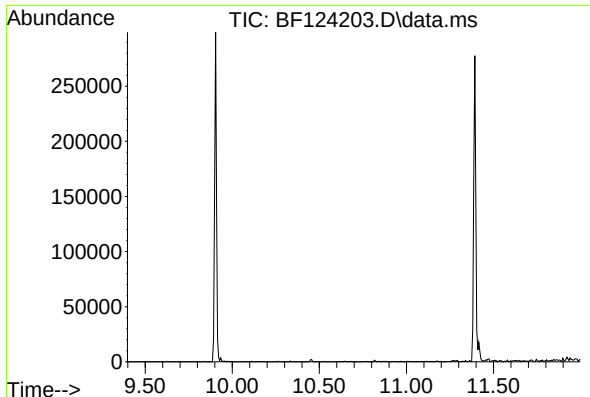
Delta R.T. -0.000 min

Lab File: BF124203.D

Acq: 9 Jun 2021 3:50

Tgt Ion:	164	Resp:	49566
Ion Ratio	Lower	Upper	
164	100		
162	106.9	80.7	121.1
160	41.2	37.3	55.9

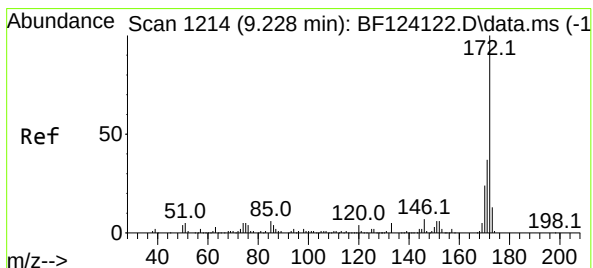
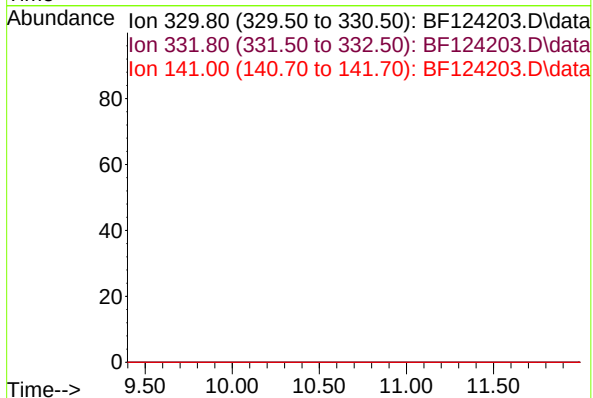




#42
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.70 min
 Lab File: BF124203.D
 Acq: 9 Jun 2021 3:50
 Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.4
141	34.9

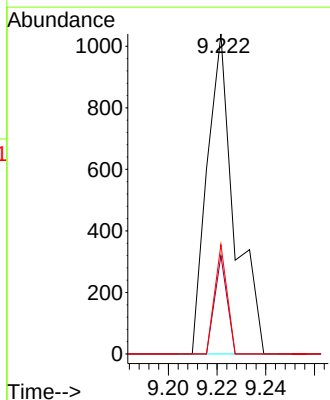
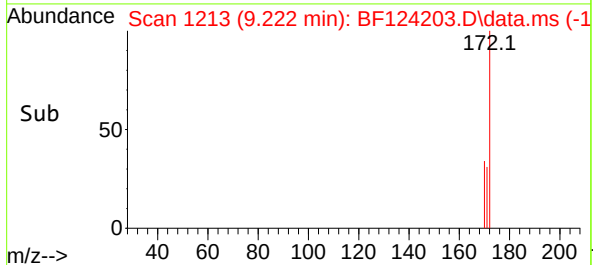
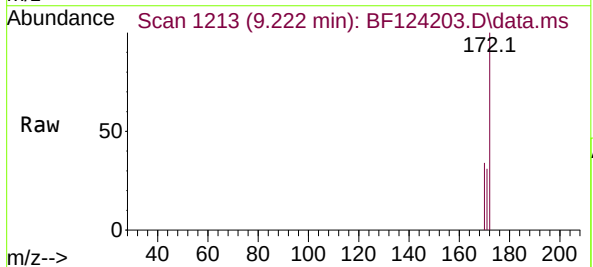
Instrument :
 BNA_F
 ClientSampleId :
 18-B11(4-6)DL2

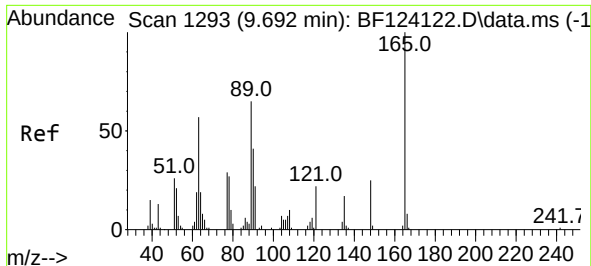


#45
 2-Fluorobiphenyl
 Concen: 0.20 ng
 RT: 9.222 min Scan# 1213
 Delta R.T. -0.006 min
 Lab File: BF124203.D
 Acq: 9 Jun 2021 3:50

Tgt Ion: 172 Resp: 807

Ion	Ratio	Lower	Upper
172	100		
171	30.8	28.1	42.1
170	34.2	19.2	28.8

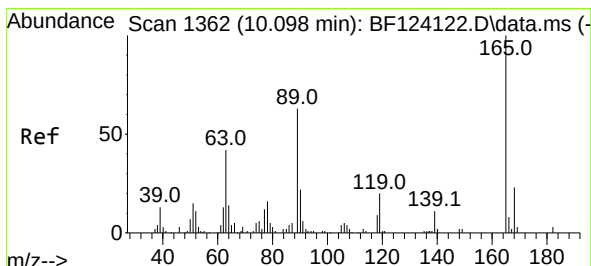
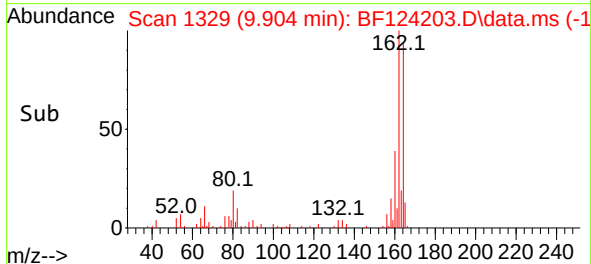
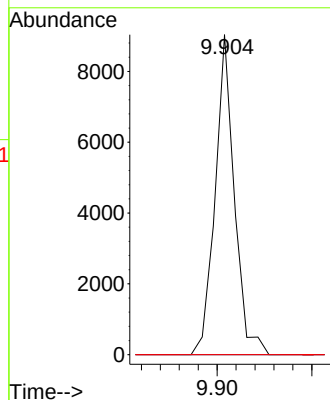
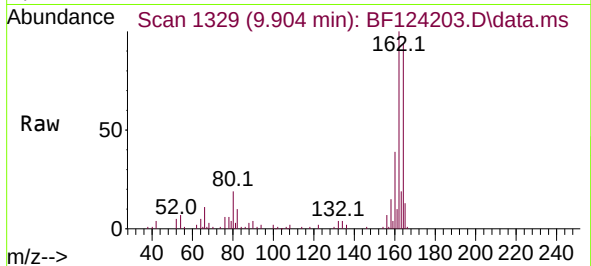




#51
2,6-Dinitrotoluene
Concen: 6.78 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF124203.D
Acq: 9 Jun 2021 3:50

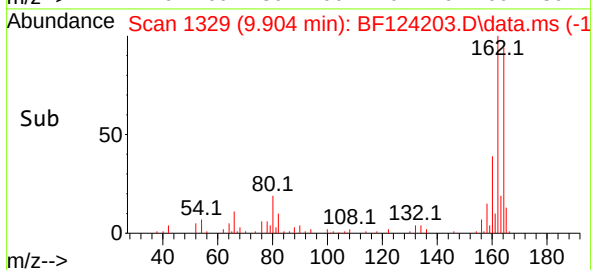
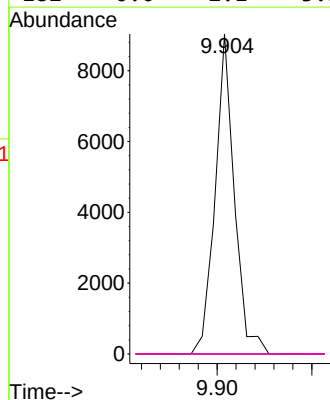
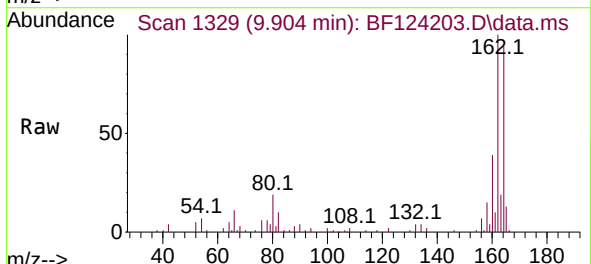
Instrument :
BNA_F
ClientSampleId :
18-B11(4-6)DL2

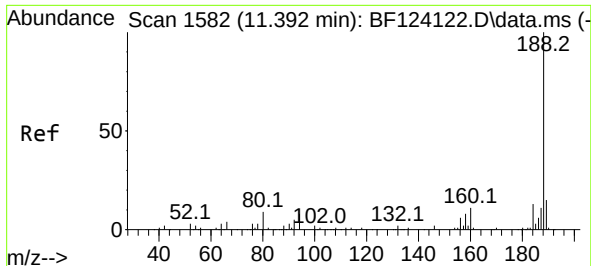
Tgt Ion:165 Resp: 6378
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.14 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124203.D
Acq: 9 Jun 2021 3:50

Tgt Ion:165 Resp: 6378
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#

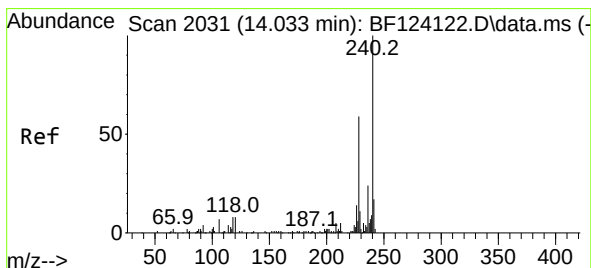
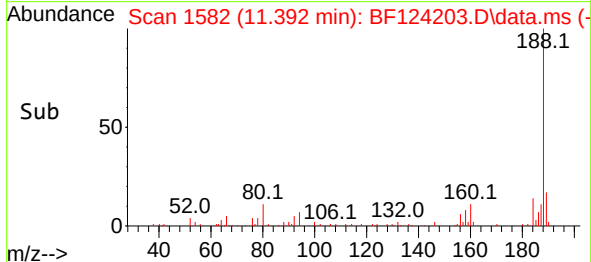
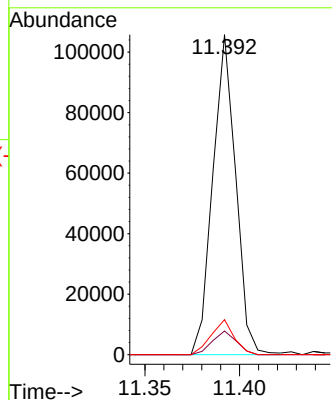
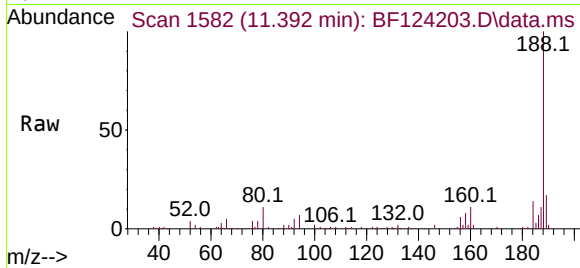




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124203.D
Acq: 9 Jun 2021 3:50

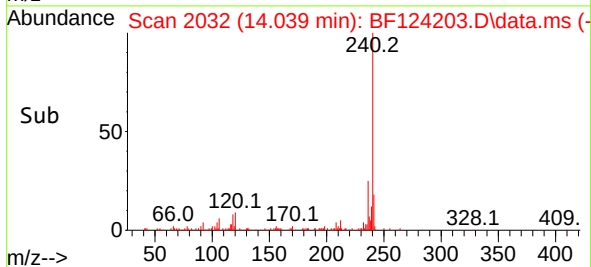
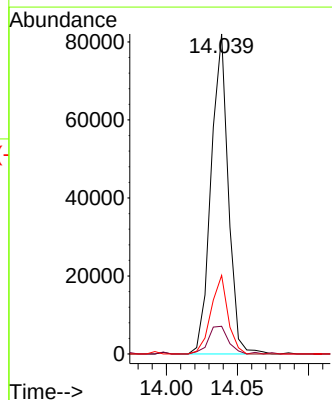
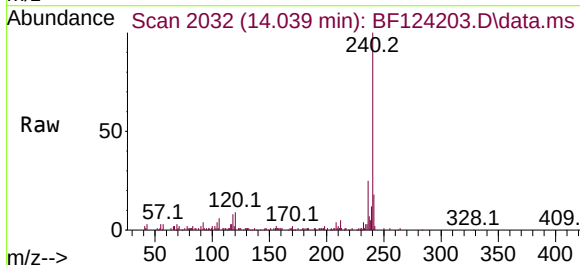
Instrument :
BNA_F
ClientSampleId :
18-B11(4-6)DL2

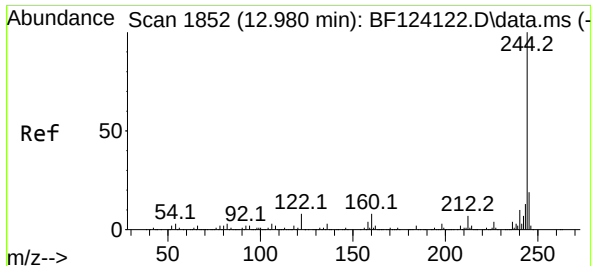
Tgt Ion:188 Resp: 89044
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 11.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF124203.D
Acq: 9 Jun 2021 3:50

Tgt Ion:240 Resp: 69150
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 24.5 19.0 28.4

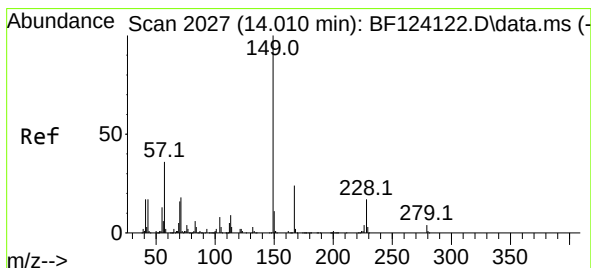
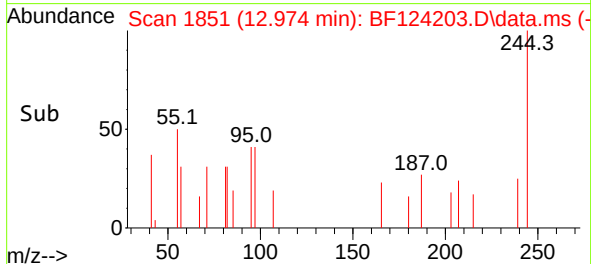
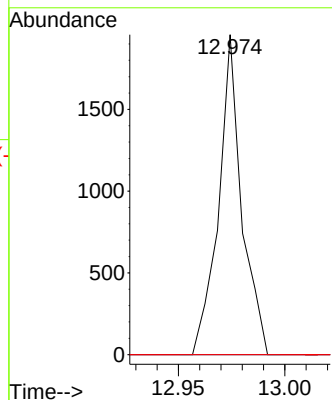
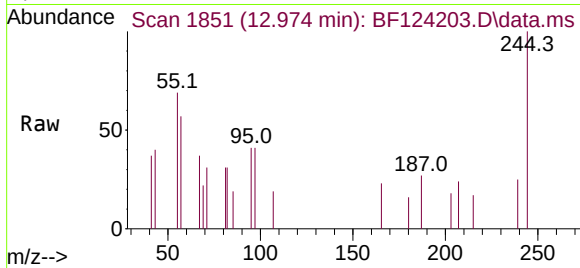




#79
 Terphenyl-d14
 Concen: 0.29 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF124203.D
 Acq: 9 Jun 2021 3:50

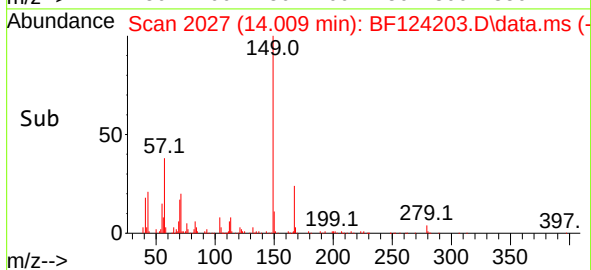
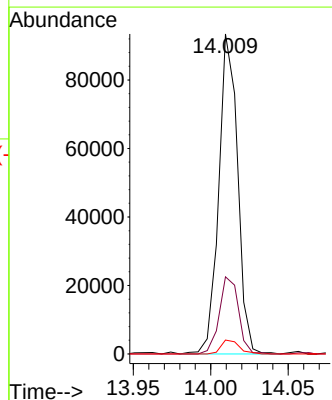
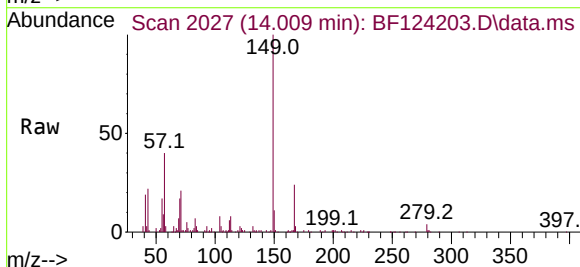
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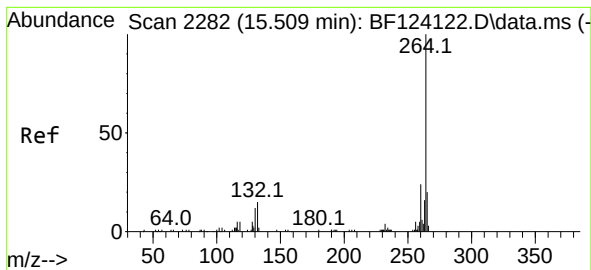
Tgt Ion:244 Resp: 1473
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.7 8.5#
 122 0.0 9.7 14.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 24.69 ng
 RT: 14.009 min Scan# 2027
 Delta R.T. -0.000 min
 Lab File: BF124203.D
 Acq: 9 Jun 2021 3:50

Tgt Ion:149 Resp: 79117
 Ion Ratio Lower Upper
 149 100
 167 24.1 21.8 32.6
 279 4.4 3.3 4.9

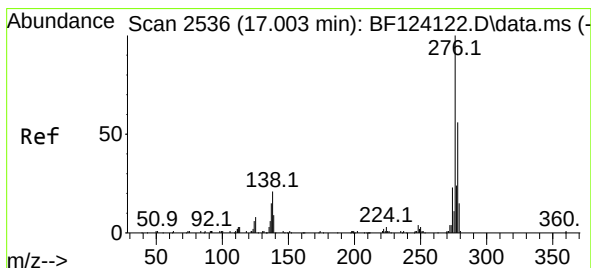
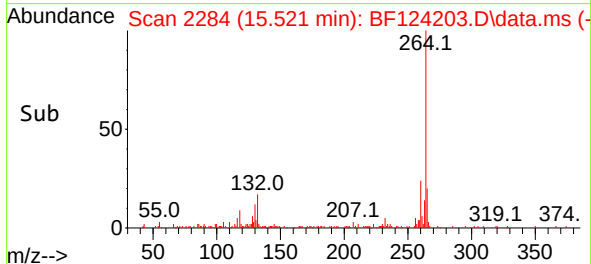
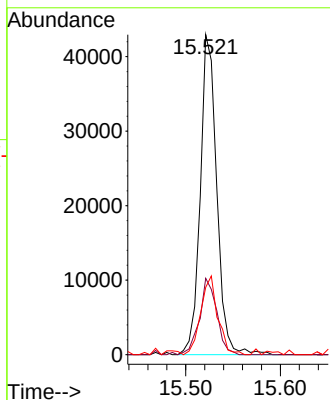
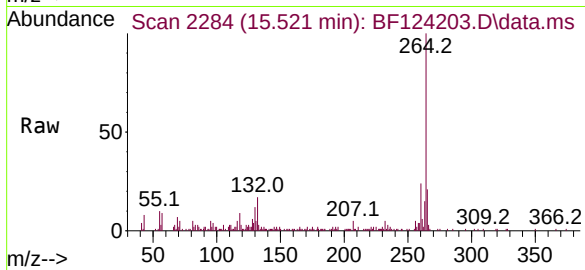




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124203.D
Acq: 9 Jun 2021 3:50

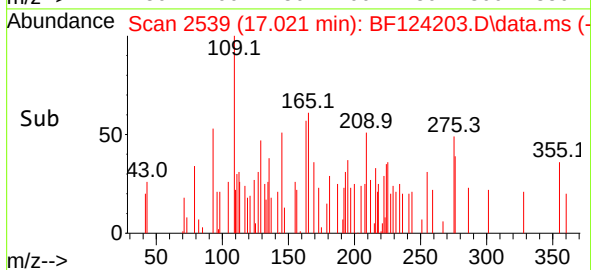
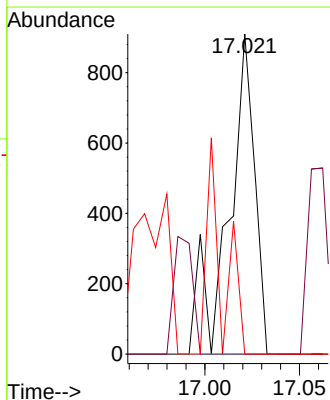
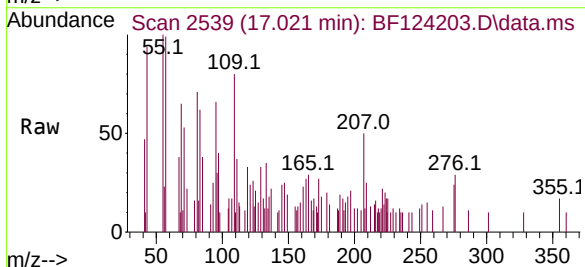
Instrument :
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18-B11(4-6)DL2

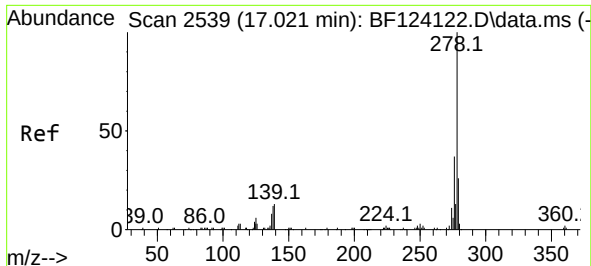
Tgt Ion:264	Resp:	52187
Ion Ratio	Lower	Upper
264	100	
260	23.8	18.7 28.1
265	21.1	17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.52 ng
RT: 17.021 min Scan# 2539
Delta R.T. 0.018 min
Lab File: BF124203.D
Acq: 9 Jun 2021 3:50

Tgt Ion:276	Resp:	876
Ion Ratio	Lower	Upper
276	100	
138	0.0	16.2 24.2#
277	40.1	20.1 30.1#

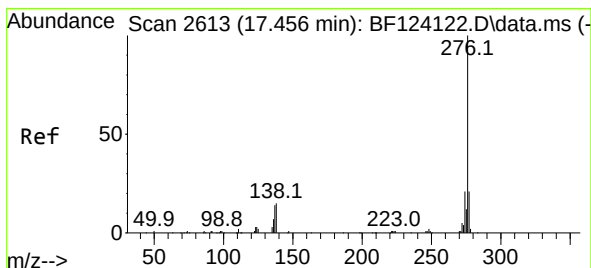
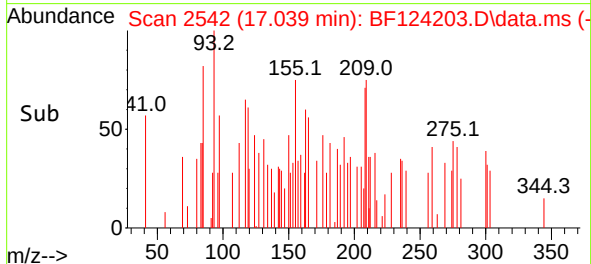
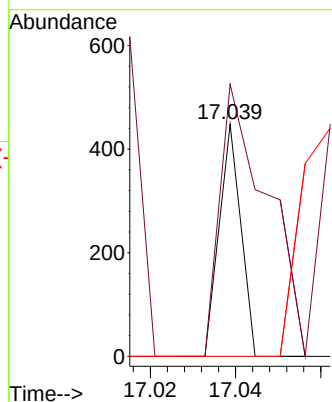
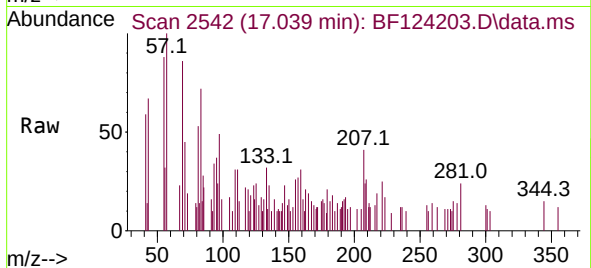




#91
Dibenzo(a,h)anthracene
Concen: 4.21 ng
RT: 17.039 min Scan# 2542
Delta R.T. 0.018 min
Lab File: BF124203.D
Acq: 9 Jun 2021 3:50

Instrument :
BNA_F
ClientSampleId :
18-B11(4-6)DL2

Tgt Ion:278 Resp: 158
Ion Ratio Lower Upper
278 100
139 117.2 10.2 15.2#
279 0.0 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 3.93 ng
RT: 17.468 min Scan# 2615
Delta R.T. 0.012 min
Lab File: BF124203.D
Acq: 9 Jun 2021 3:50

Tgt Ion:276 Resp: 501
Ion Ratio Lower Upper
276 100
277 46.4 18.2 27.2#
138 0.0 13.8 20.6#

