

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124200.D
 Acq On : 9 Jun 2021 2:12
 Operator : JU/CG
 Sample : M2589-07 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B9(0-2)

Quant Time: Jun 09 04:11:05 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)

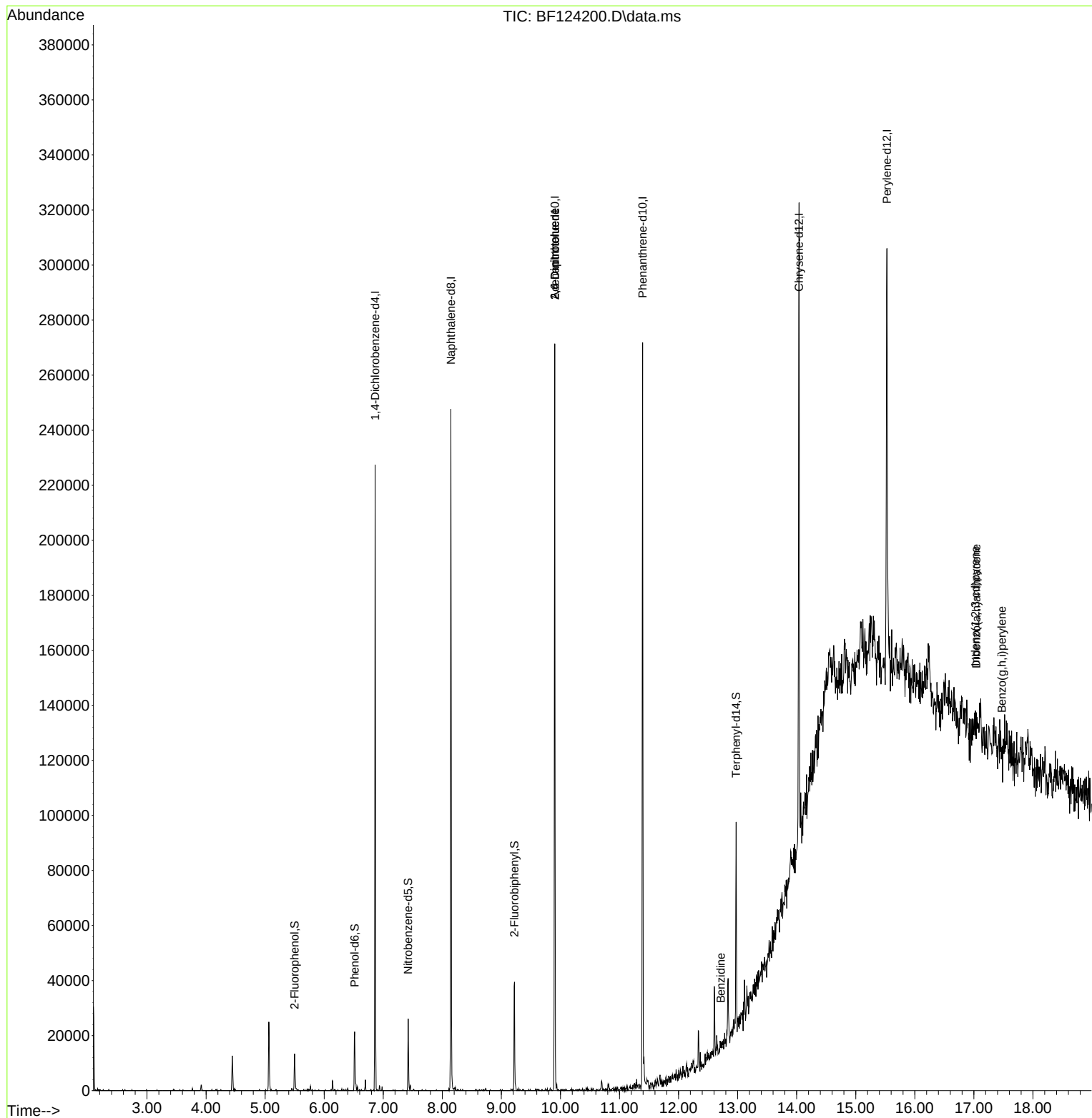
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	25994	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	86674	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	44397	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	88153	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	69246	20.00	ng	0.00
86) Perylene-d12	15.527	264	55730	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	4628	2.68	ng	0.00
7) Phenol-d6	6.516	99	8434	3.63	ng	0.00
23) Nitrobenzene-d5	7.422	82	7860	3.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	951	1.51	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	12625	3.58	ng	0.00
79) Terphenyl-d14	12.974	244	18229	3.61	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	9.904	165	5850	6.95	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	5850	5.27	ng	# 15
77) Benzidine	12.716	184	129	4.13	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.027	276	1472	4.62	ng	# 43
91) Dibenzo(a,h)anthracene	17.045	278	1159	4.44	ng	# 22
92) Benzo(g,h,i)perylene	17.474	276	1771	4.22	ng	# 56

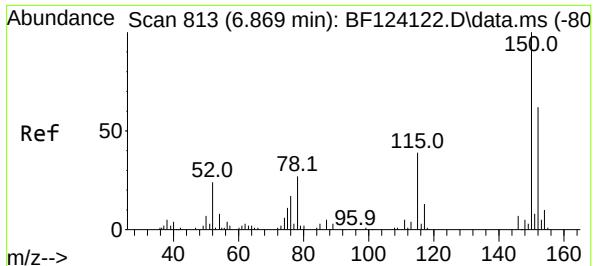
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
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18-B9(0-2)

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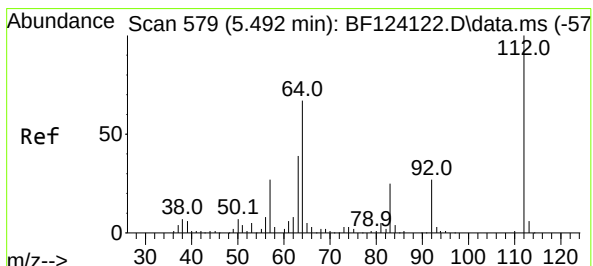
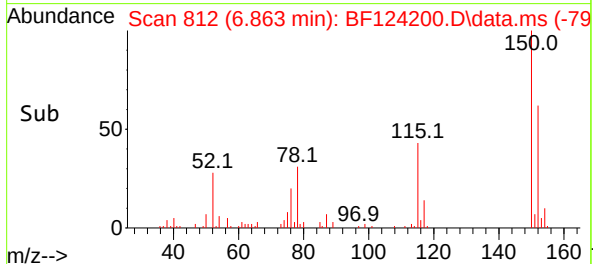
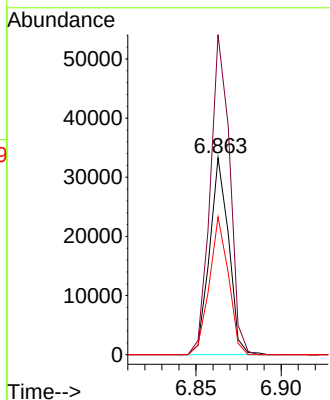
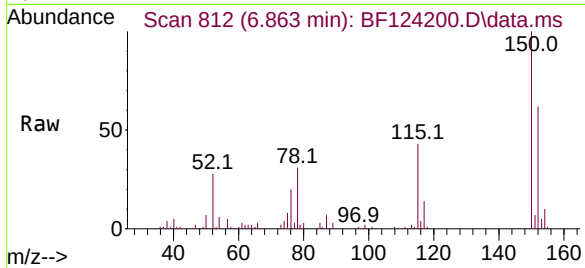




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

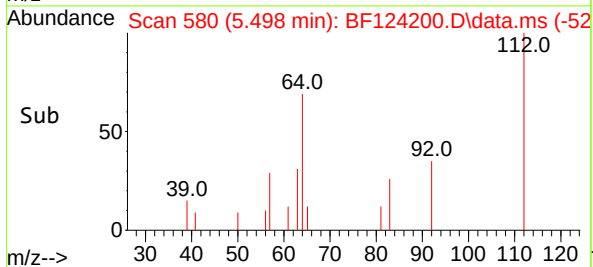
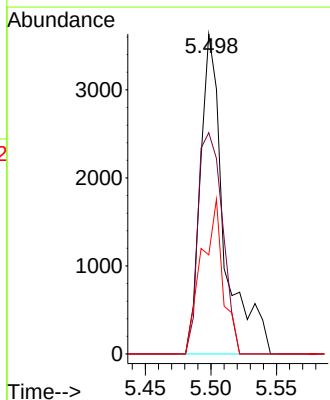
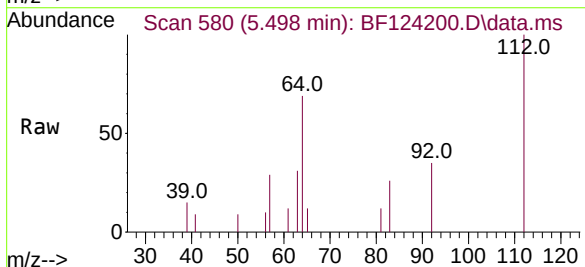
Instrument :
BNA_F
ClientSampleId :
18-B9(0-2)

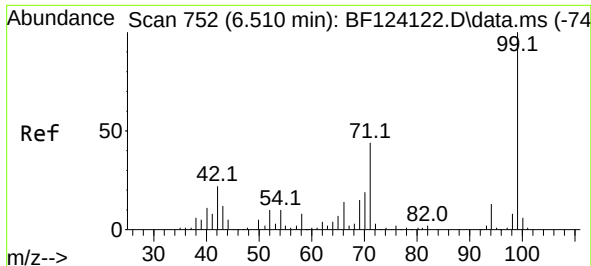
Tgt Ion:152 Resp: 25994
Ion Ratio Lower Upper
152 100
150 162.5 127.0 190.6
115 70.0 54.3 81.5



#5
2-Fluorophenol
Concen: 2.68 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

Tgt Ion:112 Resp: 4628
Ion Ratio Lower Upper
112 100
64 69.2 61.4 92.0
63 31.0 33.0 49.4#

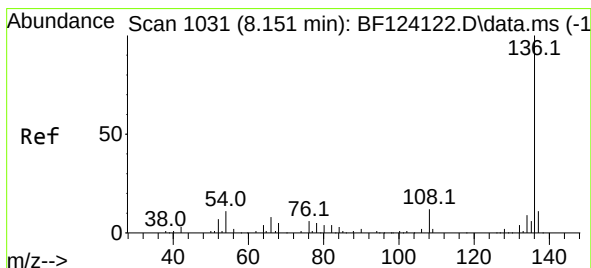
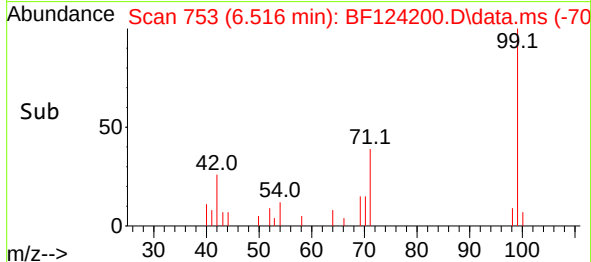
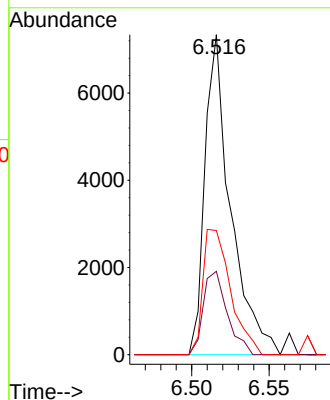
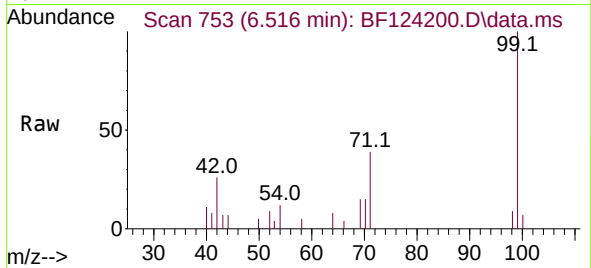




#7
Phenol-d6
Concen: 3.63 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

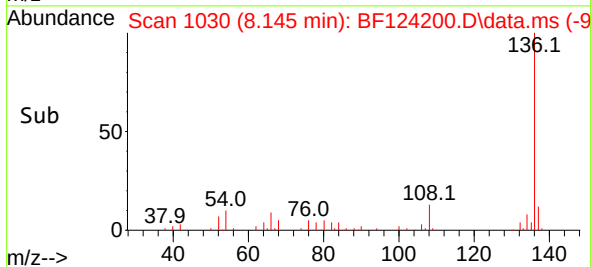
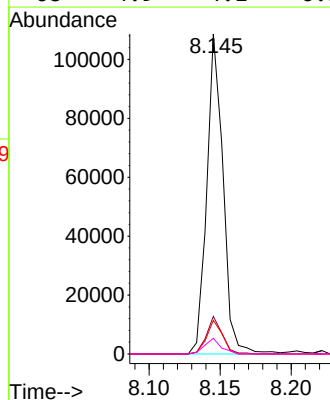
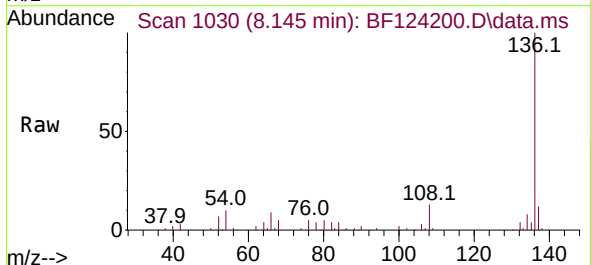
Instrument :
BNA_F
ClientSampled :
18-B9(0-2)

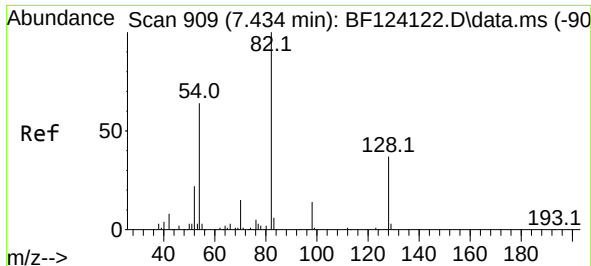
Tgt Ion: 99 Resp: 8434
Ion Ratio Lower Upper
99 100
42 26.0 19.8 29.8
71 38.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

Tgt Ion: 136 Resp: 86674
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 10.5 9.8 14.6
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 3.60 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF124200.D

Acq: 9 Jun 2021 2:12

Instrument :

BNA_F

ClientSampleId :

18-B9(0-2)

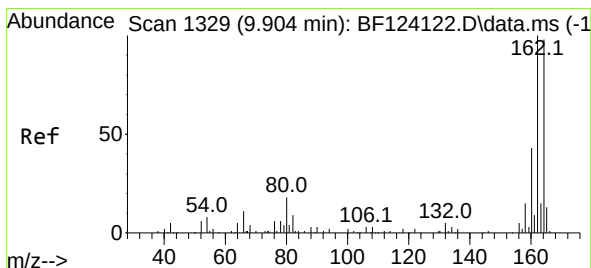
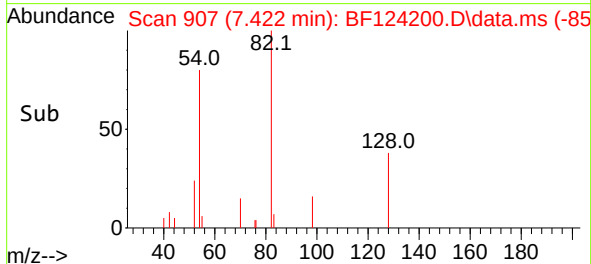
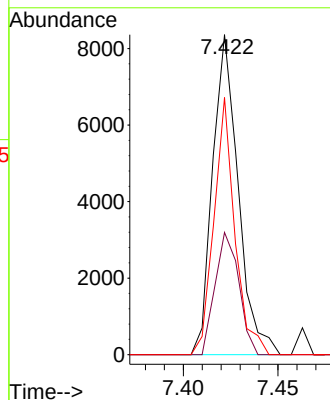
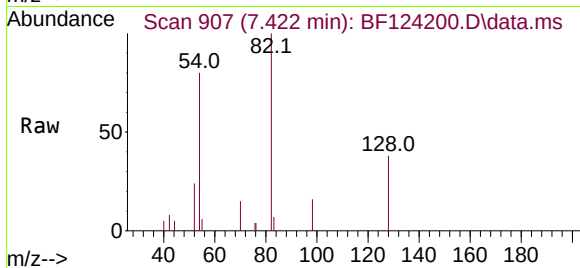
Tgt Ion: 82 Resp: 7860

Ion Ratio Lower Upper

82 100

128 38.2 29.4 44.2

54 80.4 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: BF124200.D

Acq: 9 Jun 2021 2:12

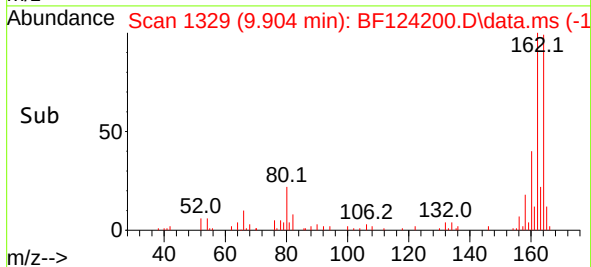
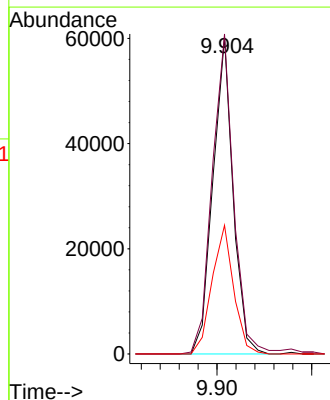
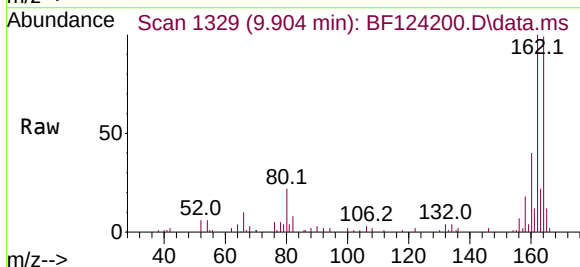
Tgt Ion: 164 Resp: 44397

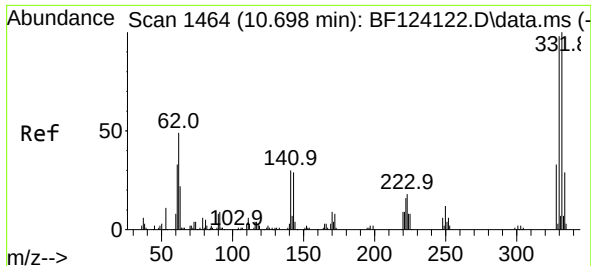
Ion Ratio Lower Upper

164 100

162 100.9 80.7 121.1

160 40.6 37.3 55.9

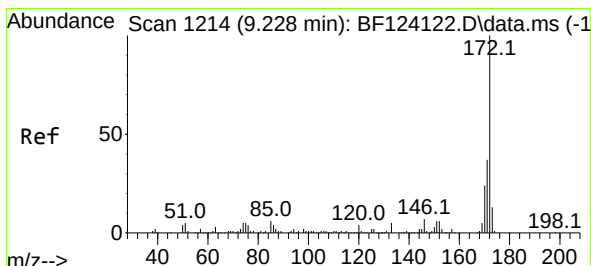
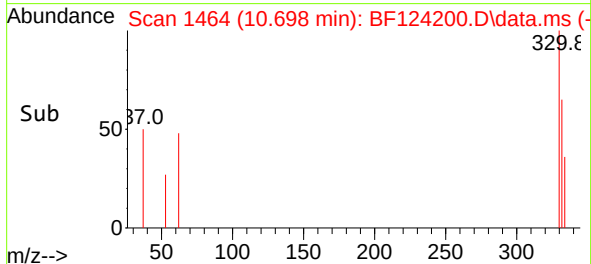
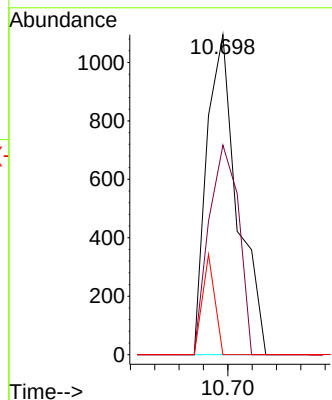
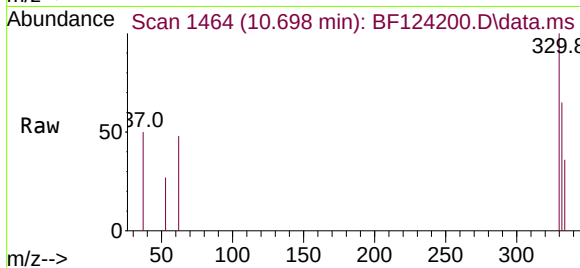




#42
2,4,6-Tribromophenol
Concen: 1.51 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

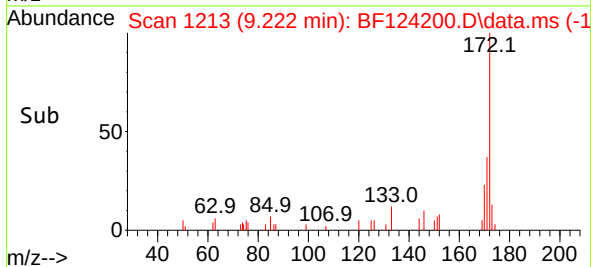
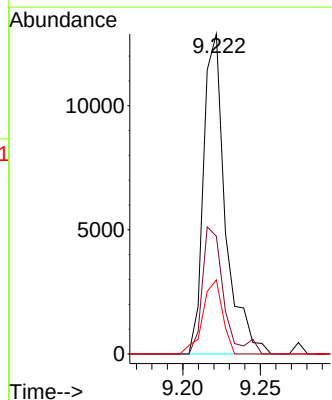
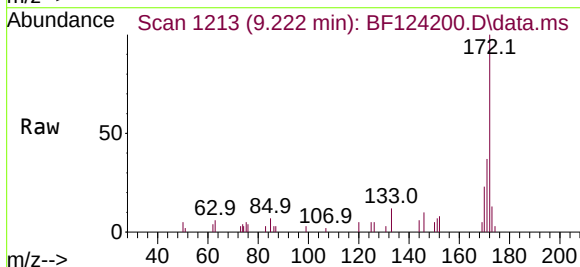
Instrument :
BNA_F
ClientSampled :
18-B9(0-2)

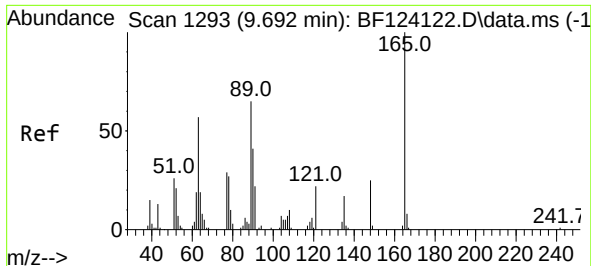
Tgt Ion: 330 Resp: 951
Ion Ratio Lower Upper
330 100
332 64.0 77.1 115.7#
141 12.7 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 3.58 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

Tgt Ion: 172 Resp: 12625
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 23.2 19.2 28.8

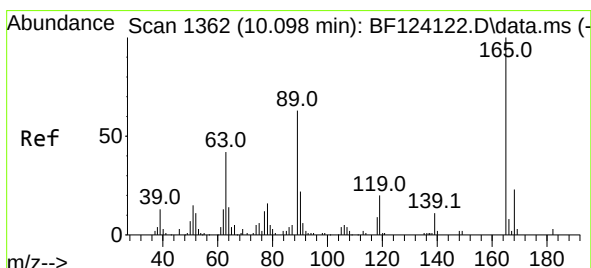
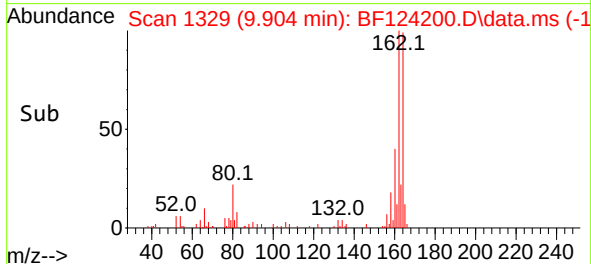
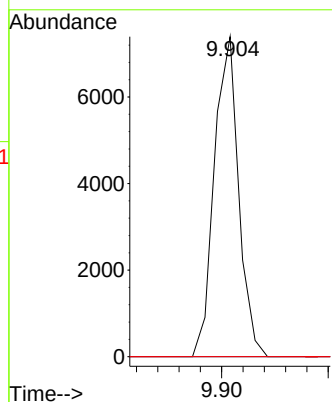
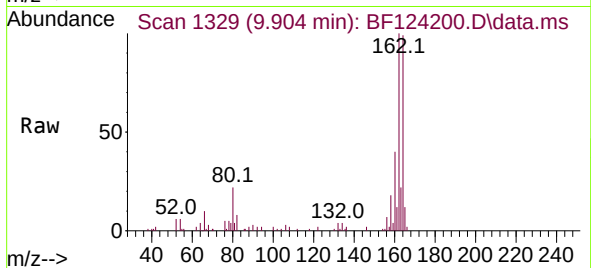




#51
2,6-Dinitrotoluene
Concen: 6.95 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

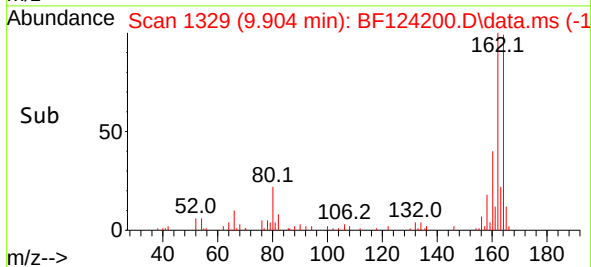
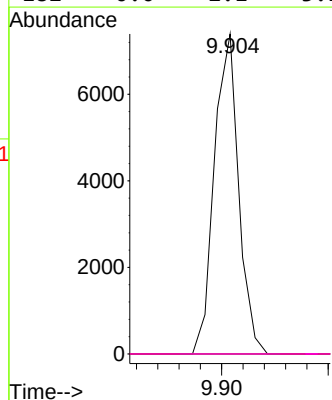
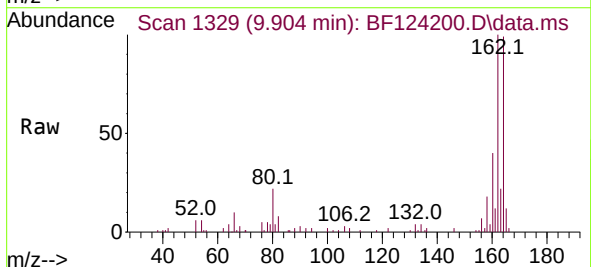
Instrument :
BNA_F
ClientSampled :
18-B9(0-2)

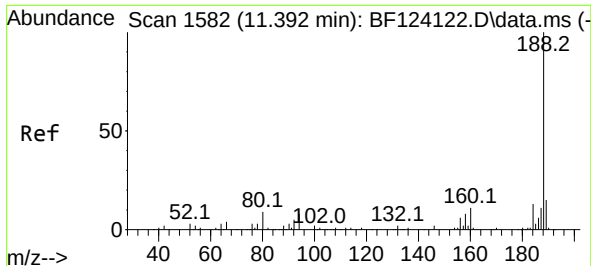
Tgt Ion:165 Resp: 5850
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.27 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

Tgt Ion:165 Resp: 5850
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#

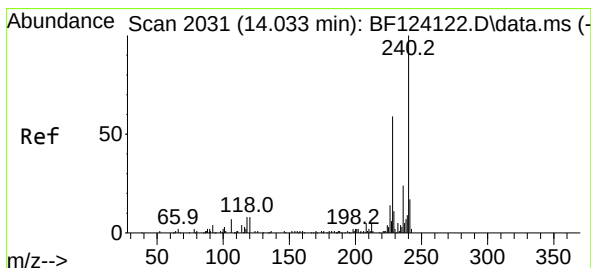
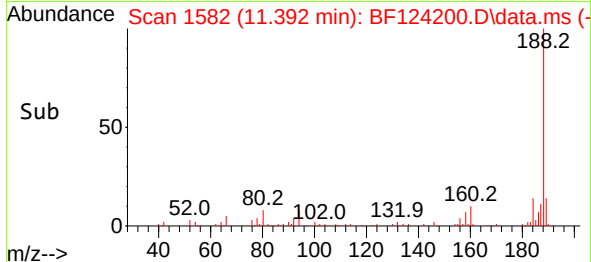
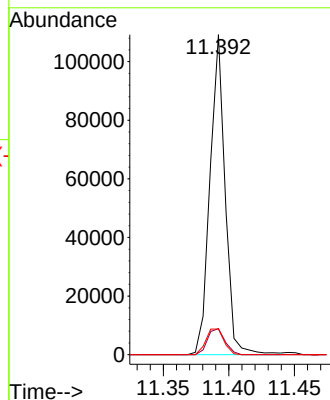
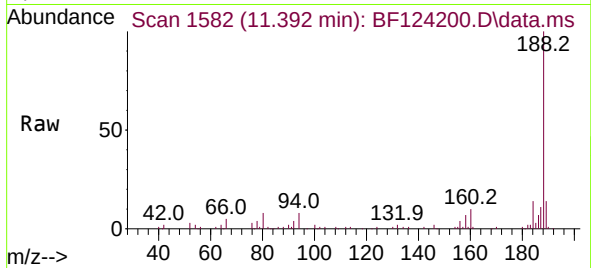




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

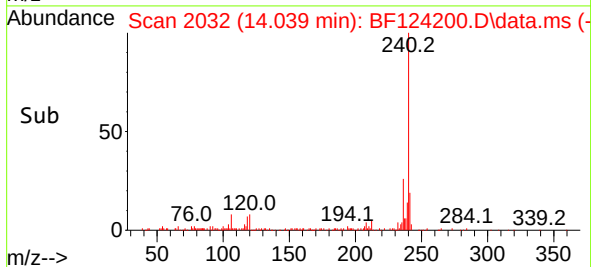
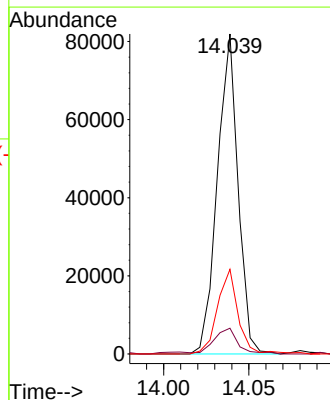
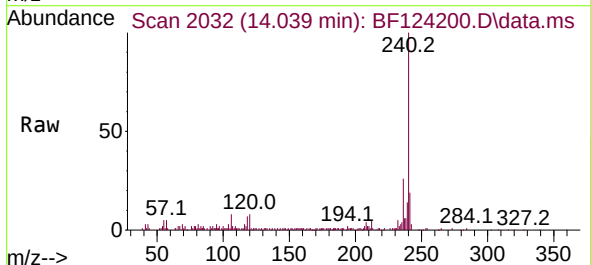
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BNA_F
ClientSampleId :
18-B9(0-2)

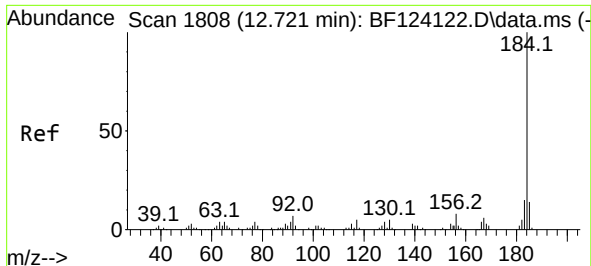
Tgt Ion:188 Resp: 88153
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.0 8.2 12.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

Tgt Ion:240 Resp: 69246
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 26.4 19.0 28.4

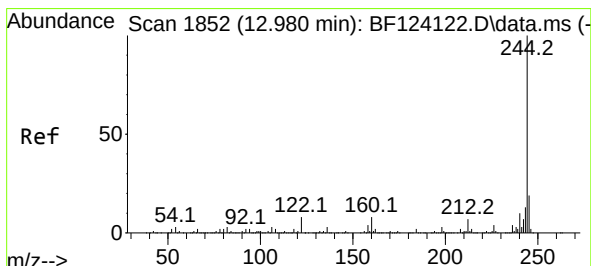
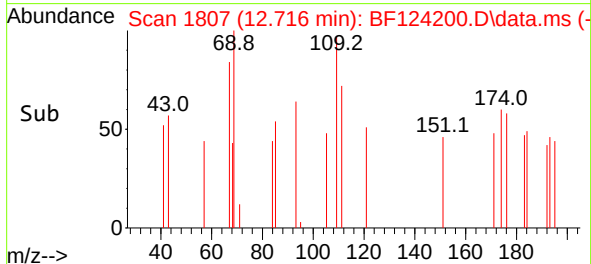
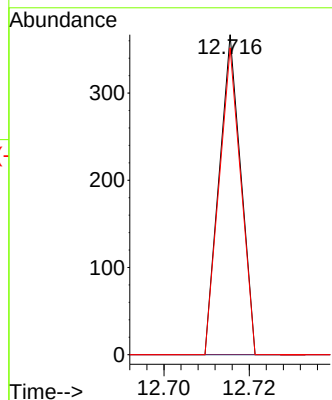
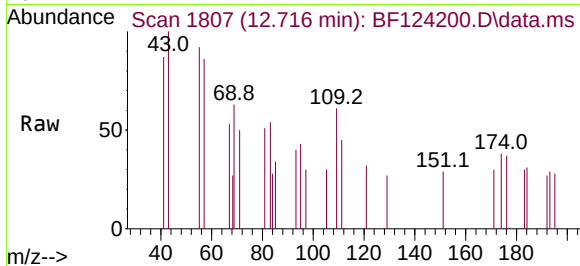




#77
Benzidine
Concen: 4.13 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.005 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

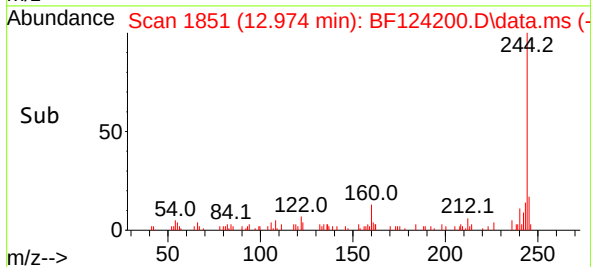
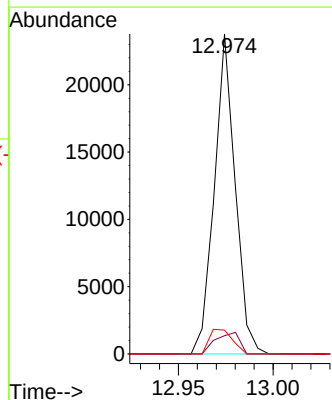
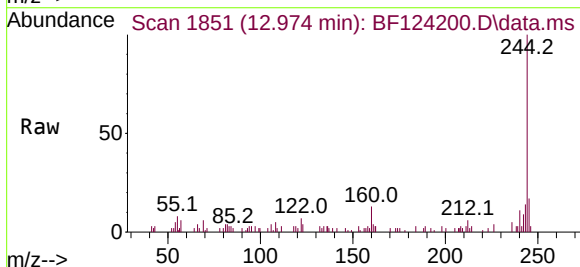
Instrument :
BNA_F
ClientSampleId :
18-B9(0-2)

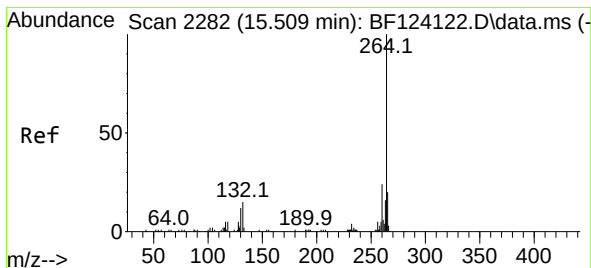
Tgt Ion:184 Resp: 129
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 95.9 7.8 11.8#



#79
Terphenyl-d14
Concen: 3.61 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

Tgt Ion:244 Resp: 18229
Ion Ratio Lower Upper
244 100
212 5.7 5.7 8.5#
122 7.5 9.7 14.5#

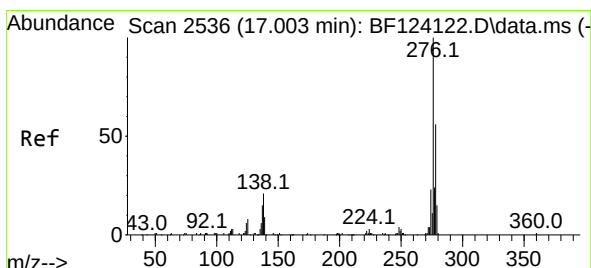
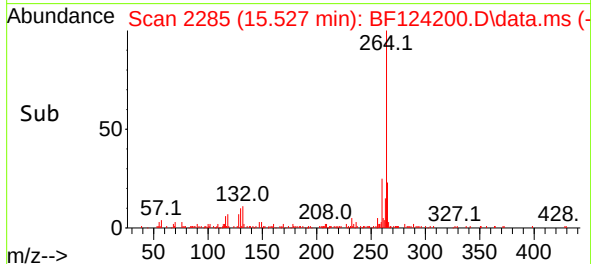
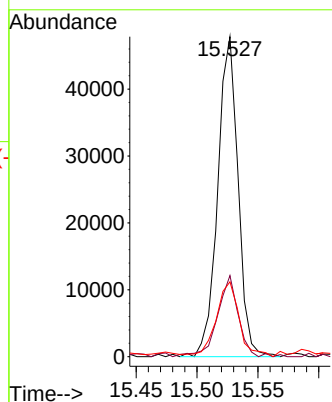
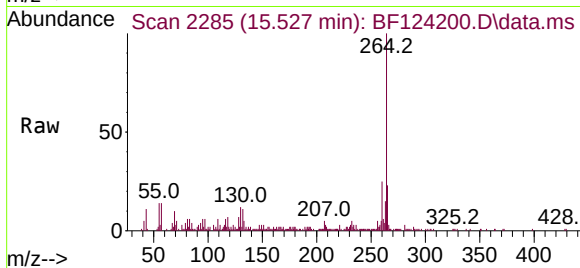




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.018 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

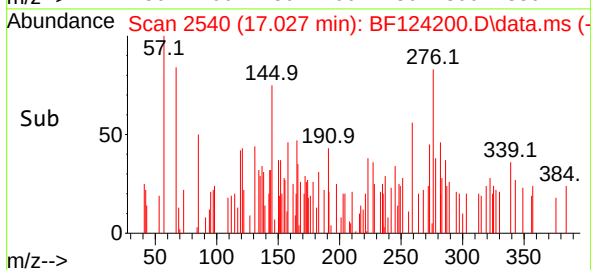
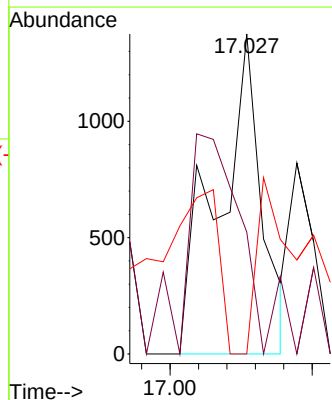
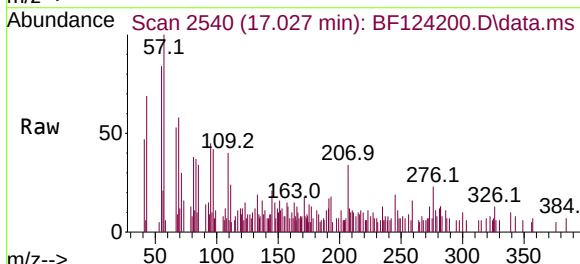
Instrument :
BNA_F
ClientSampleId :
18-B9(0-2)

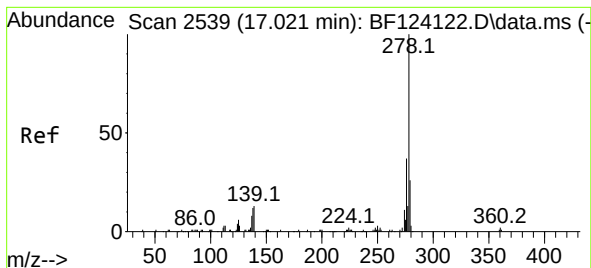
Tgt Ion:	264	Resp:	55730
Ion Ratio	Lower	Upper	
264	100		
260	25.4	18.7	28.1
265	23.4	17.8	26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.62 ng
RT: 17.027 min Scan# 2540
Delta R.T. 0.024 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

Tgt Ion:	276	Resp:	1472
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.2	24.2#
277	59.3	20.1	30.1#

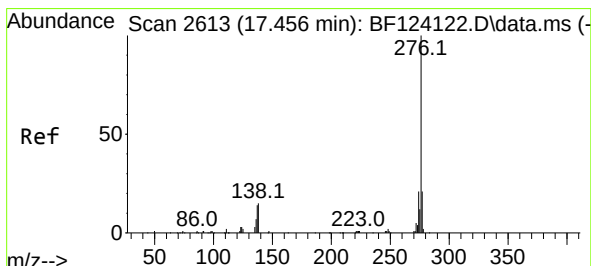
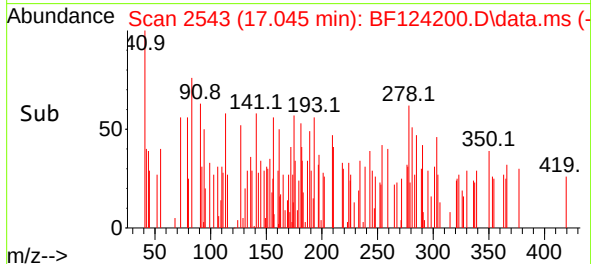
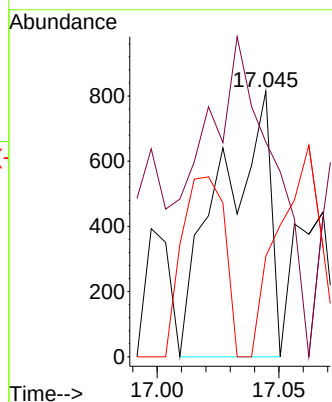
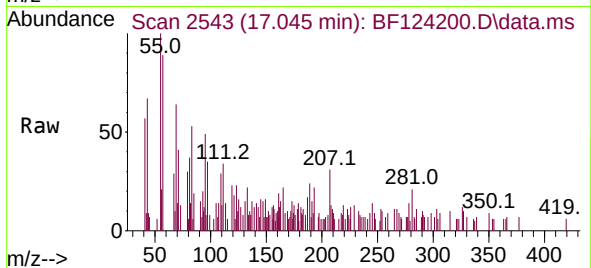




#91
Dibenzo(a,h)anthracene
Concen: 4.44 ng
RT: 17.045 min Scan# 2543
Delta R.T. 0.024 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

Instrument :
BNA_F
ClientSampled :
18-B9(0-2)

Tgt Ion:278 Resp: 1159
Ion Ratio Lower Upper
278 100
139 81.0 10.2 15.2#
279 37.8 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 4.22 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.018 min
Lab File: BF124200.D
Acq: 9 Jun 2021 2:12

Tgt Ion:276 Resp: 1771
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 0.0 13.8 20.6#

