

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
 Data File : BF124222.D
 Acq On : 9 Jun 2021 22:39
 Operator : JU/CG
 Sample : M2589-02RE 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B7(2-4)

Quant Time: Jun 10 01:55:50 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)

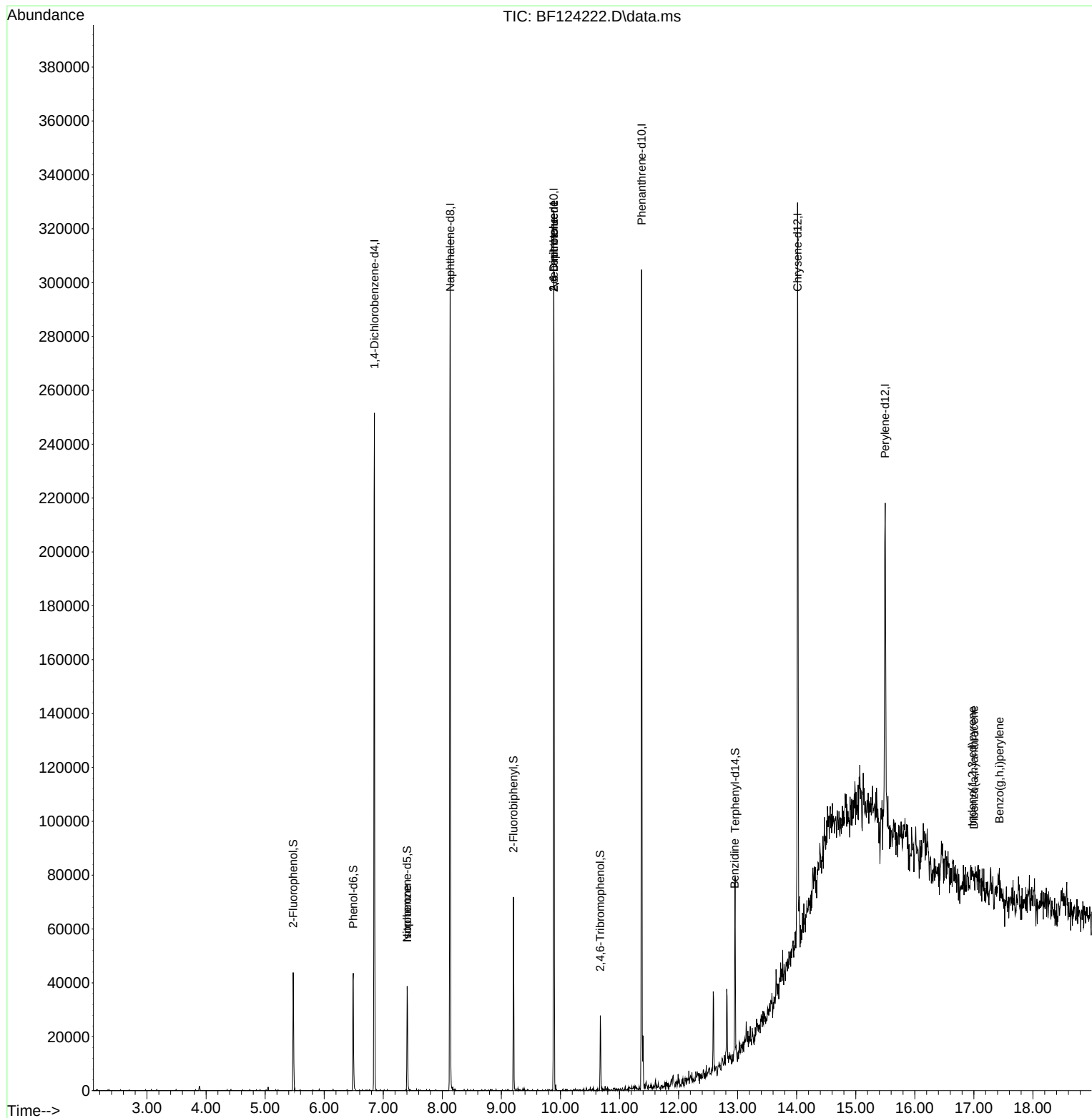
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	32481	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	118773	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	61121	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	93292	20.000	ng	0.00
76) Chrysene-d12	14.015	240	77150	20.000	ng	0.00
86) Perylene-d12	15.498	264	44594	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	10032	4.649	ng	0.00
7) Phenol-d6	6.492	99	12951	4.465	ng	0.00
23) Nitrobenzene-d5	7.404	82	10879	3.633	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	3462	3.998	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	18629	3.835	ng	0.00
79) Terphenyl-d14	12.957	244	16569	2.949	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.404	82	10879	2.016	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	7620	6.572	ng	# 12
57) 2,4-Dinitrotoluene	9.886	165	7620	4.983	ng	# 17
77) Benzidine	12.951	184	257	4.191	ng	# 68
87) Indeno(1,2,3-cd)pyrene	16.974	276	2940	5.056	ng	# 68
91) Dibenzo(a,h)anthracene	17.003	278	568	4.339	ng	# 1
92) Benzo(g,h,i)perylene	17.433	276	3457	4.825	ng	# 67

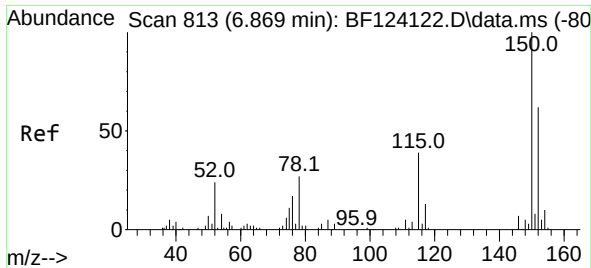
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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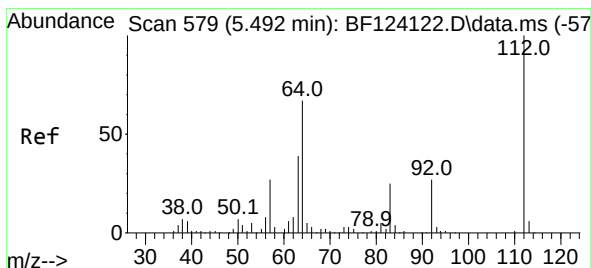
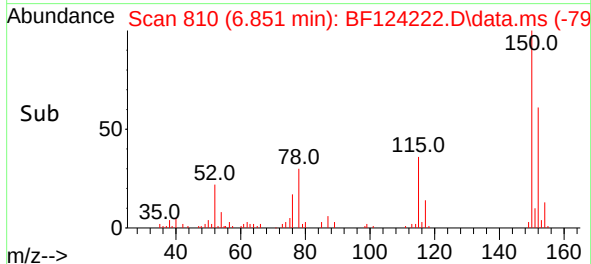
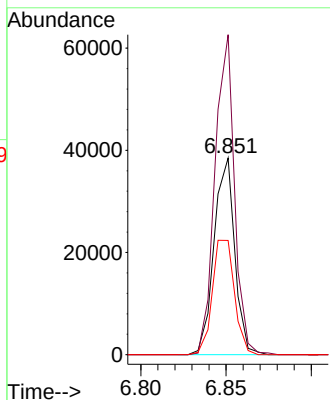
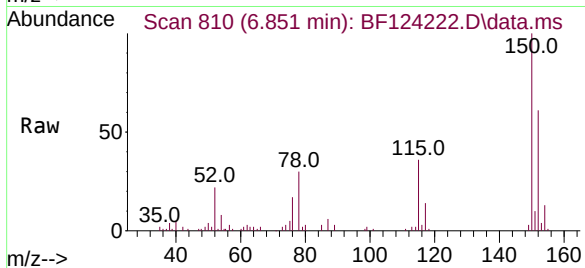




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

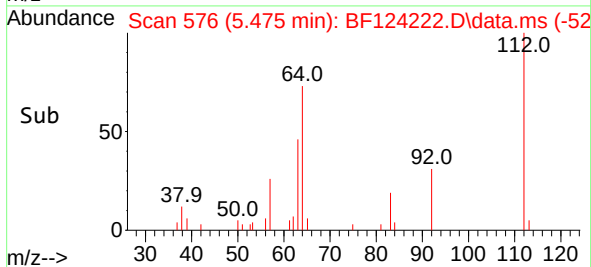
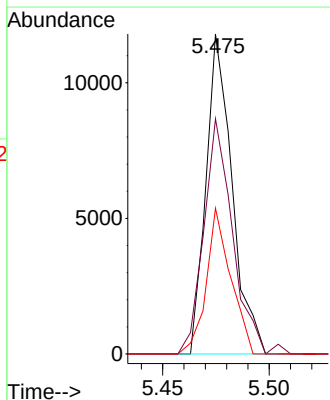
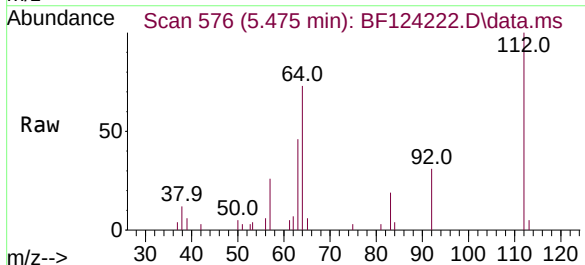
Instrument :
BNA_F
ClientSampleId :
18-B7(2-4)

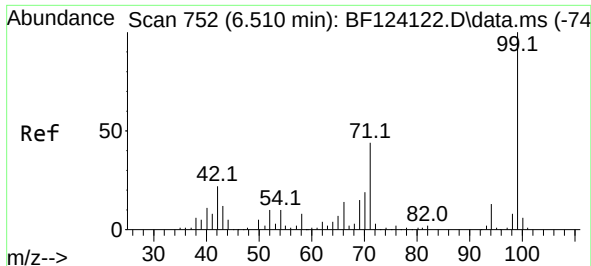
Tgt Ion:152 Resp: 32481
Ion Ratio Lower Upper
152 100
150 162.7 127.0 190.6
115 58.1 54.3 81.5



#5
2-Fluorophenol
Concen: 4.649 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

Tgt Ion:112 Resp: 10032
Ion Ratio Lower Upper
112 100
64 73.5 61.4 92.0
63 45.5 33.0 49.4

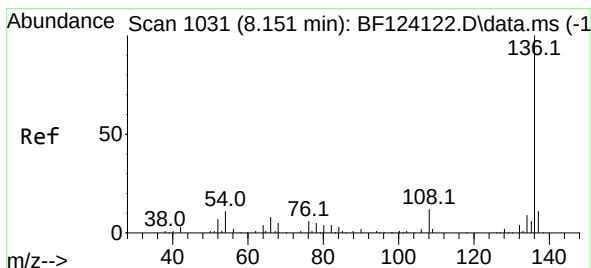
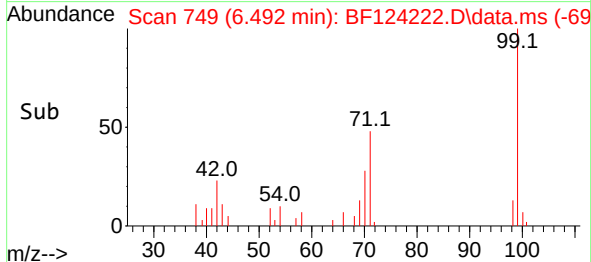
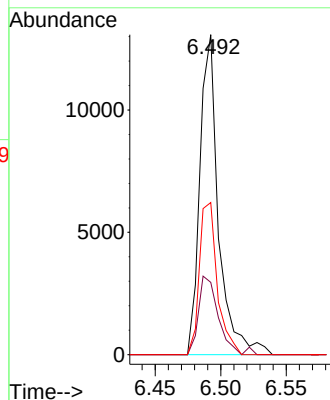
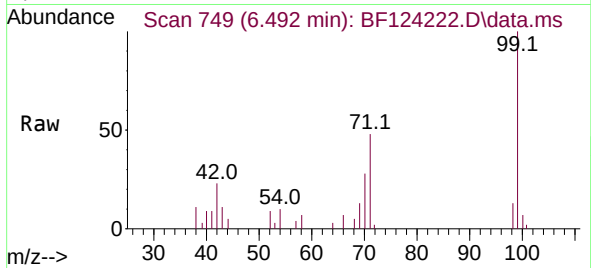




#7
Phenol-d6
Concen: 4.465 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

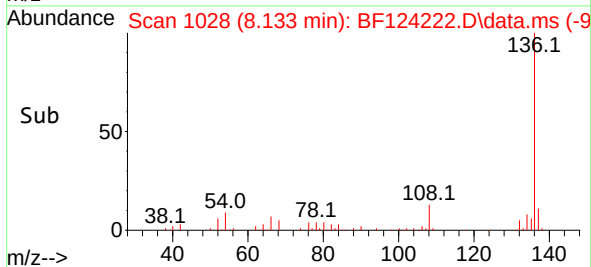
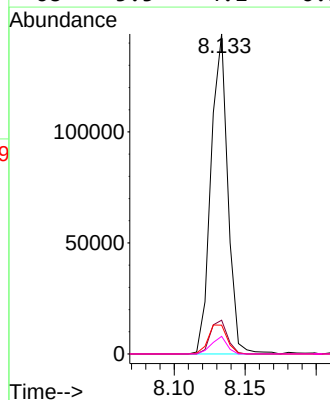
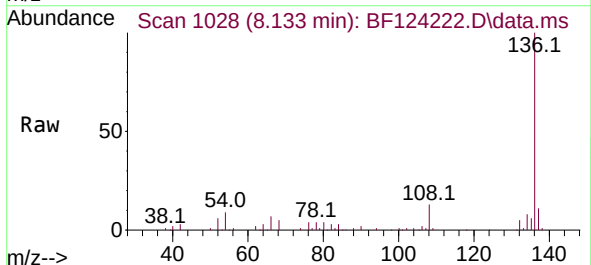
Instrument :
BNA_F
ClientSampleId :
18-B7(2-4)

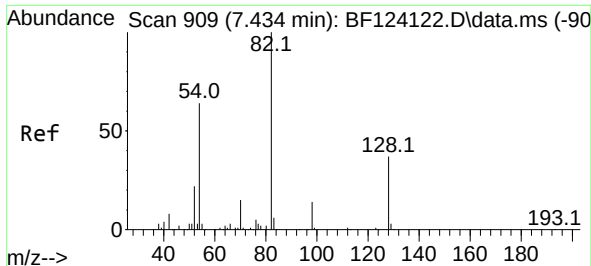
Tgt Ion: 99 Resp: 12951
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.8
71 47.6 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

Tgt Ion: 136 Resp: 118773
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.0 9.8 14.6#
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 3.633 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF124222.D

Acq: 9 Jun 2021 22:39

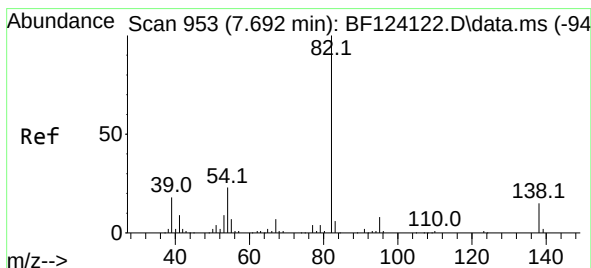
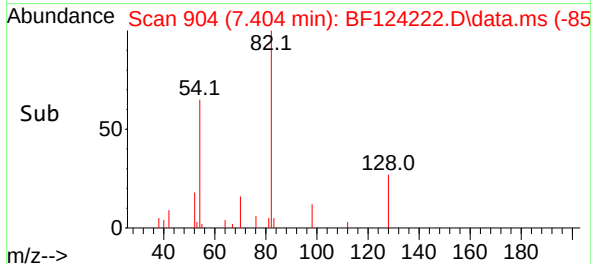
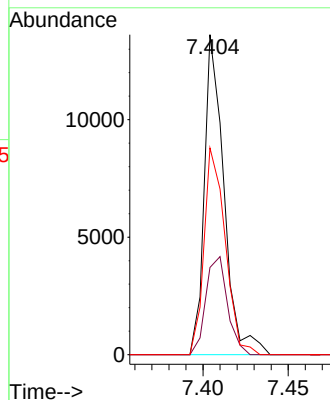
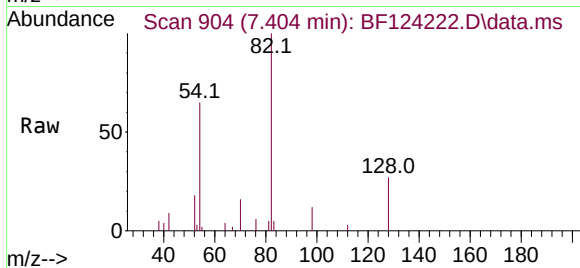
Tgt Ion: 82 Resp: 10879

Ion Ratio Lower Upper

82 100

128 27.2 29.4 44.2#

54 64.6 54.1 81.1



#25

Isophorone

Concen: 2.016 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.270 min

Lab File: BF124222.D

Acq: 9 Jun 2021 22:39

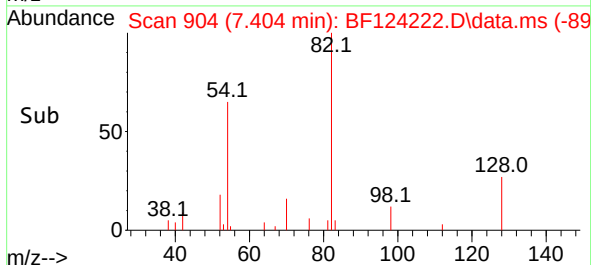
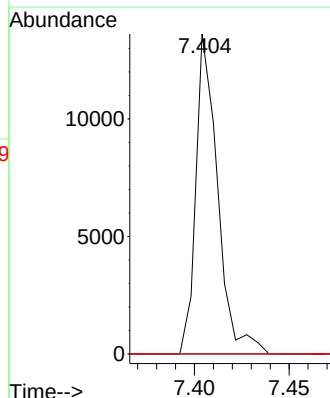
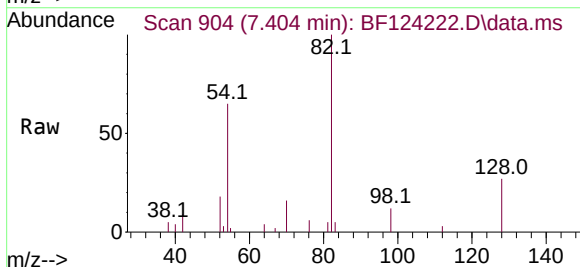
Tgt Ion: 82 Resp: 10879

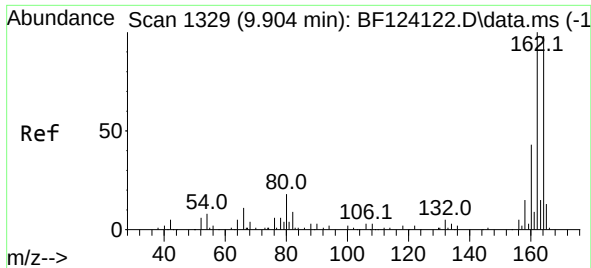
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.8 17.8#

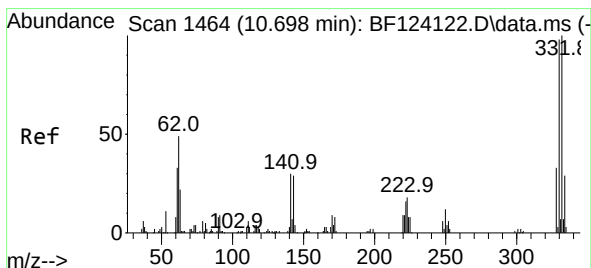
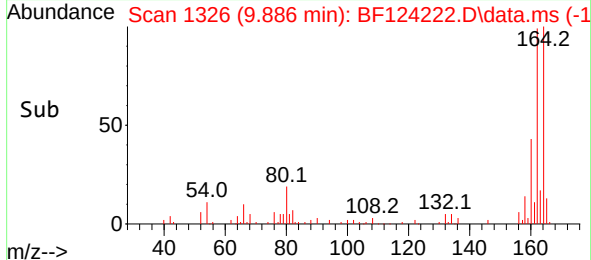
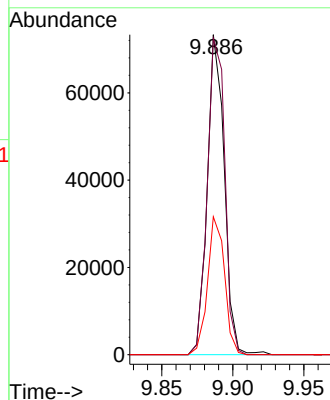
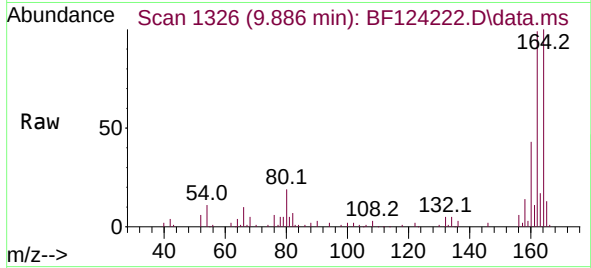




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

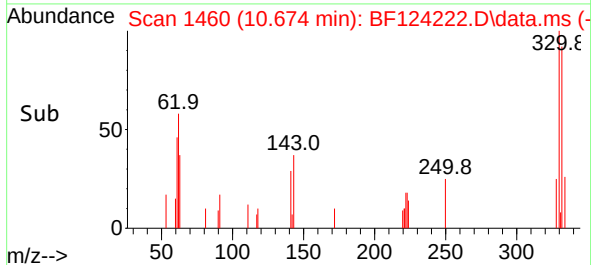
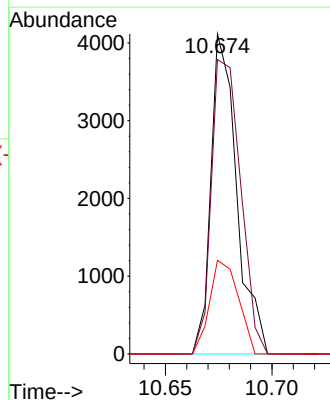
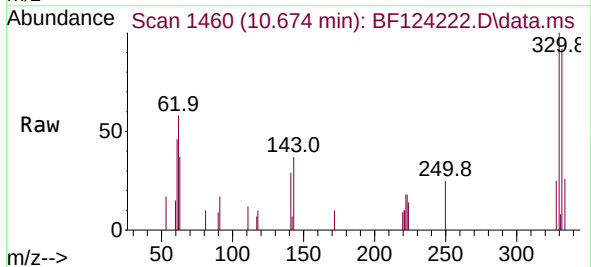
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18-B7(2-4)

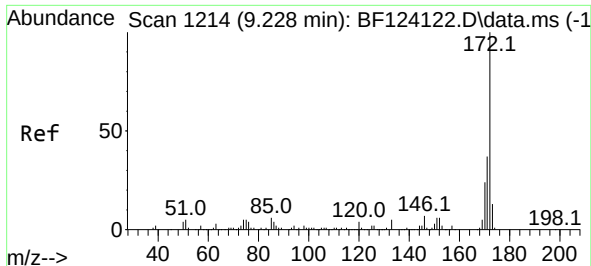
Tgt Ion:164 Resp: 61121
Ion Ratio Lower Upper
164 100
162 98.9 80.7 121.1
160 43.1 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 3.998 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

Tgt Ion:330 Resp: 3462
Ion Ratio Lower Upper
330 100
332 104.5 77.1 115.7
141 32.7 27.9 41.9

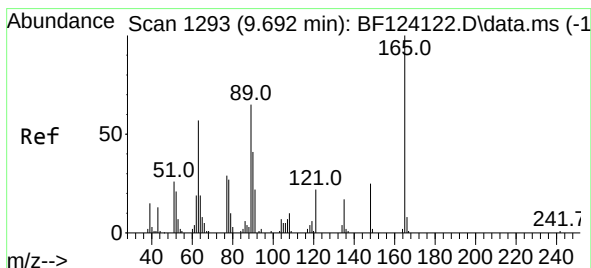
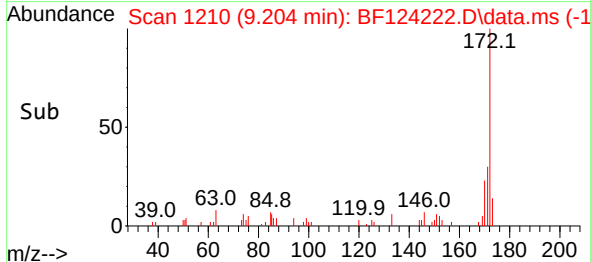
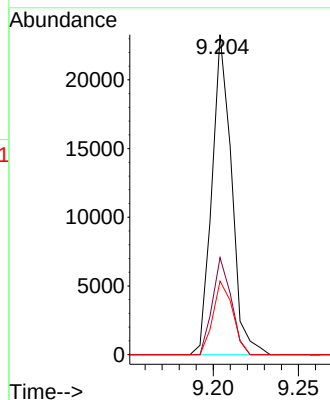
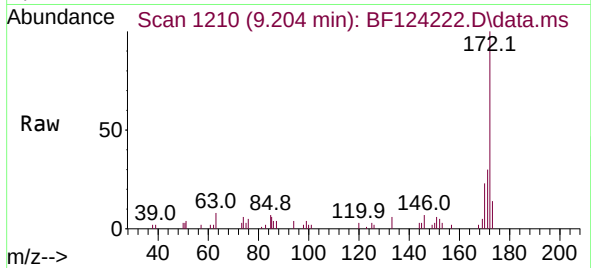




#45
2-Fluorobiphenyl
Concen: 3.835 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

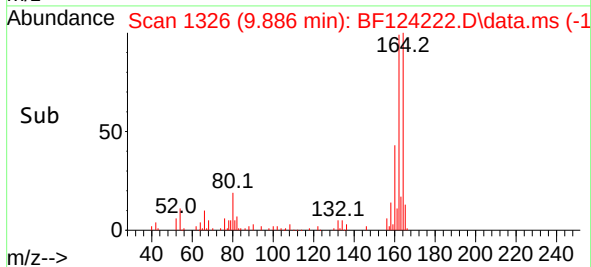
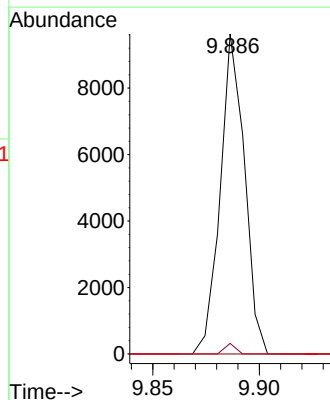
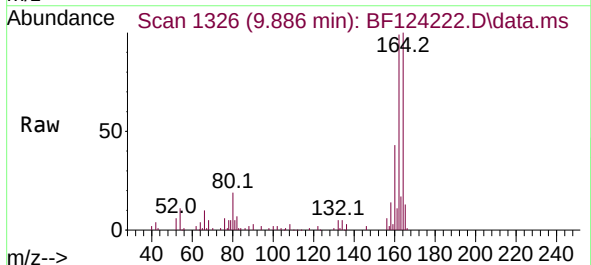
Instrument :
BNA_F
ClientSampleId :
18-B7(2-4)

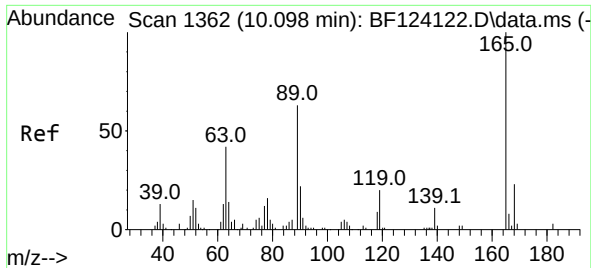
Tgt Ion:172 Resp: 18629
Ion Ratio Lower Upper
172 100
171 30.4 28.1 42.1
170 23.0 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 6.572 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

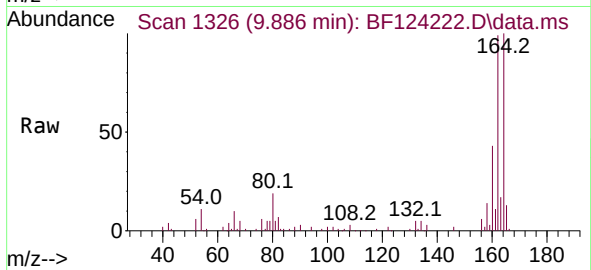
Tgt Ion:165 Resp: 7620
Ion Ratio Lower Upper
165 100
63 3.3 67.7 101.5#
89 0.0 58.8 88.2#



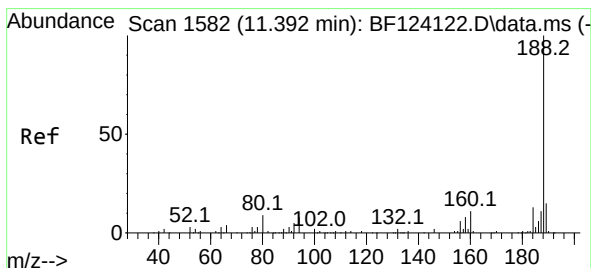
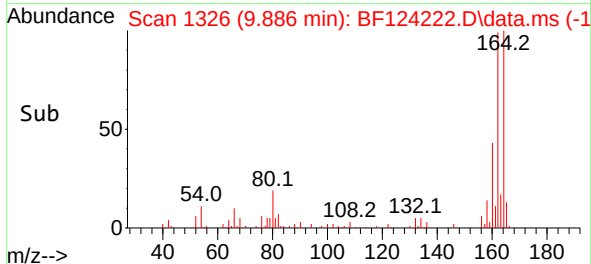
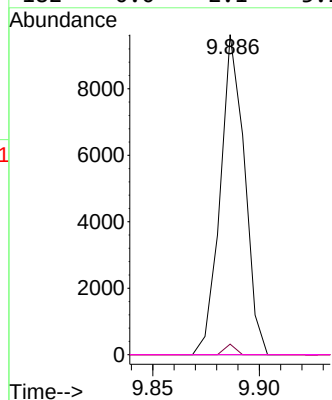


#57
2,4-Dinitrotoluene
Concen: 4.983 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

Instrument :
BNA_F
ClientSampleId :
18-B7(2-4)

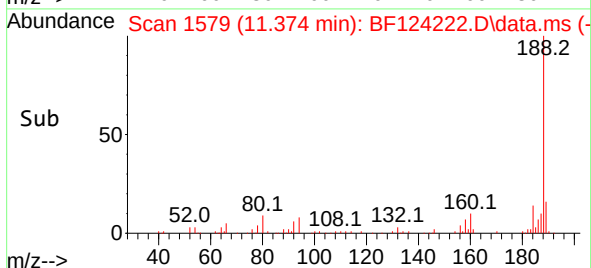
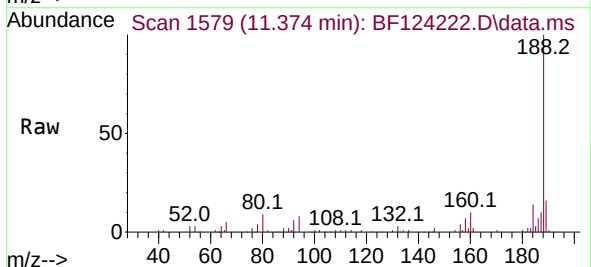
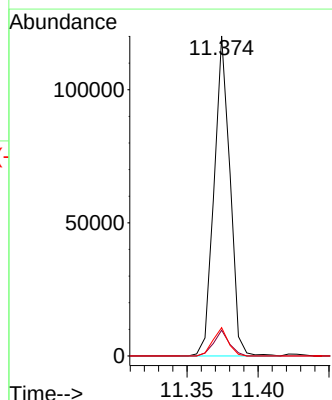


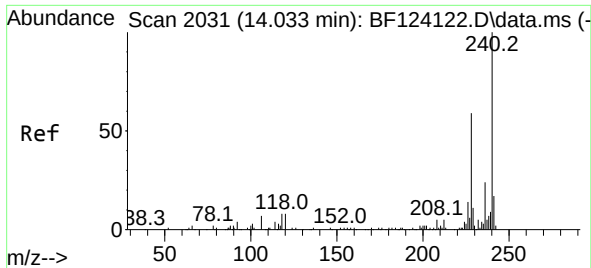
Tgt Ion:165 Resp: 7620
Ion Ratio Lower Upper
165 100
63 3.3 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

Tgt Ion:188 Resp: 93292
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.8 8.2 12.2

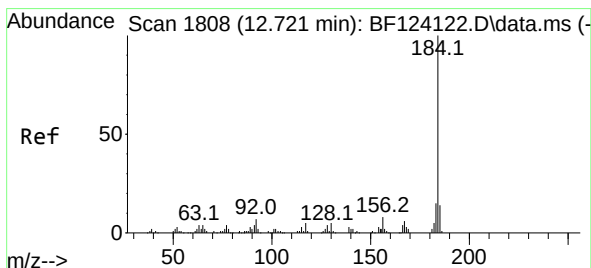
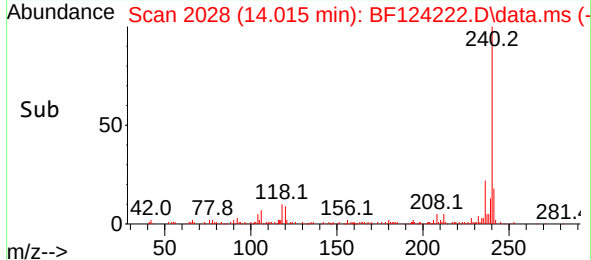
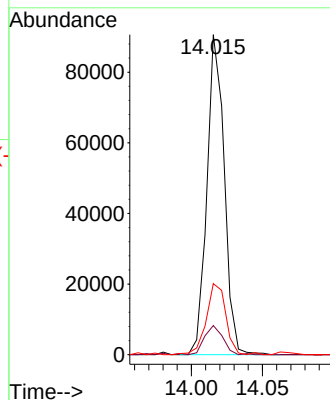
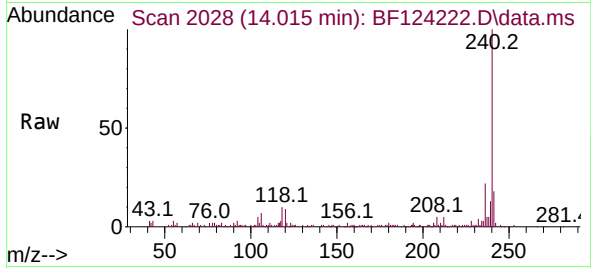




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

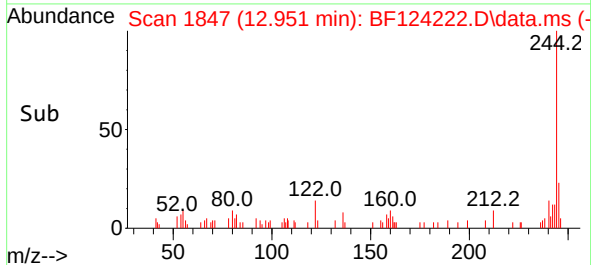
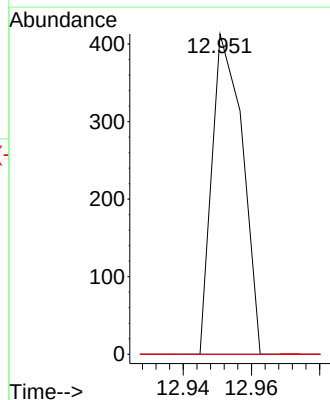
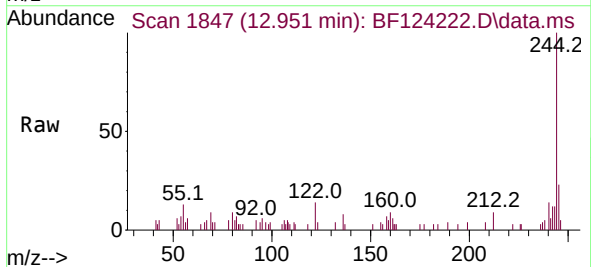
Instrument :
BNA_F
ClientSampleId :
18-B7(2-4)

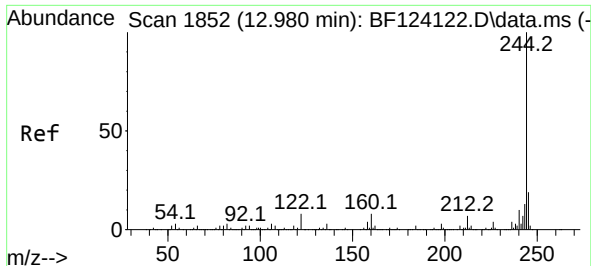
Tgt Ion:240 Resp: 77150
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 22.2 19.0 28.4



#77
Benzidine
Concen: 4.191 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

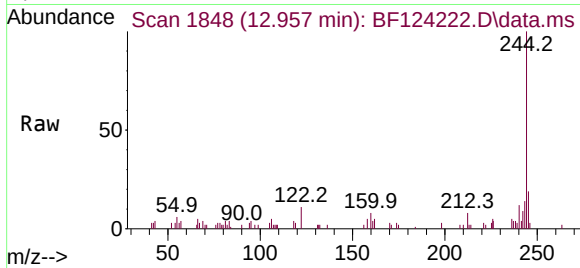
Tgt Ion:184 Resp: 257
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



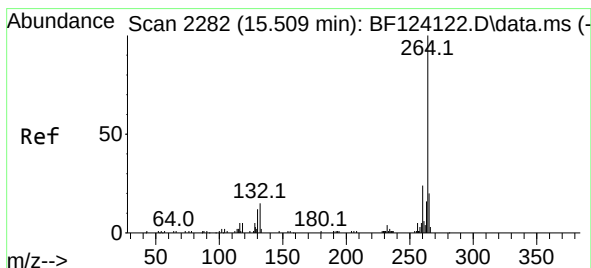
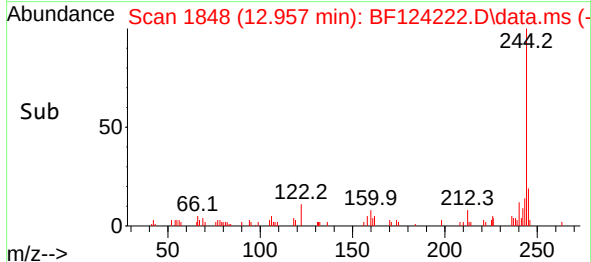
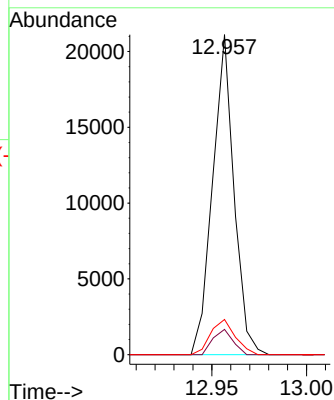


#79
Terphenyl-d14
Concen: 2.949 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

Instrument :
BNA_F
ClientSampleId :
18-B7(2-4)

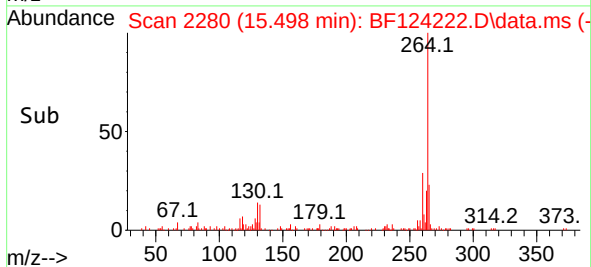
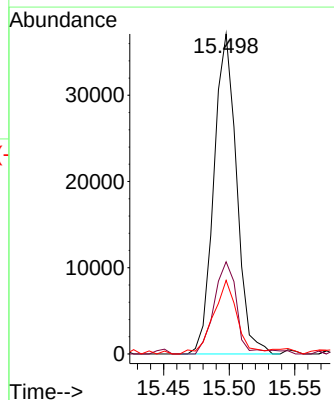
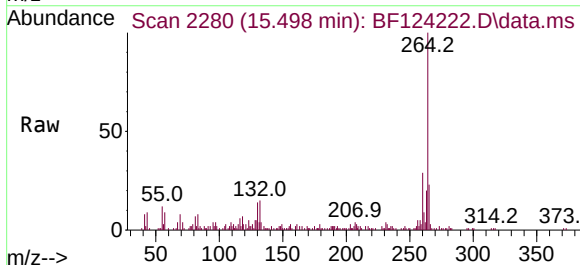


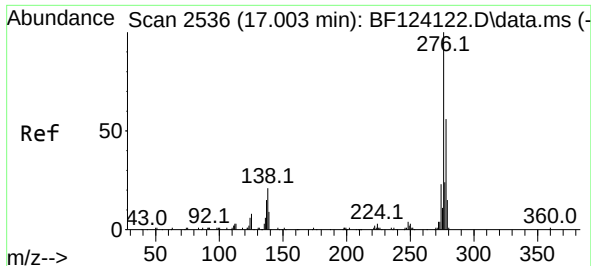
Tgt Ion:244 Resp: 16569
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 11.0 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

Tgt Ion:264 Resp: 44594
Ion Ratio Lower Upper
264 100
260 28.8 18.7 28.1#
265 23.0 17.8 26.8

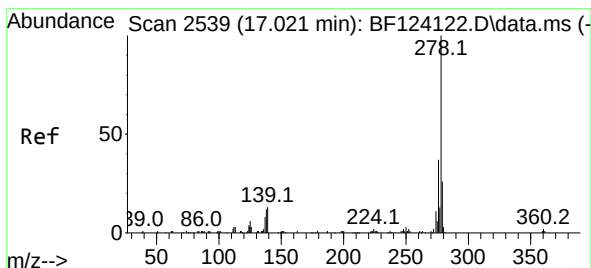
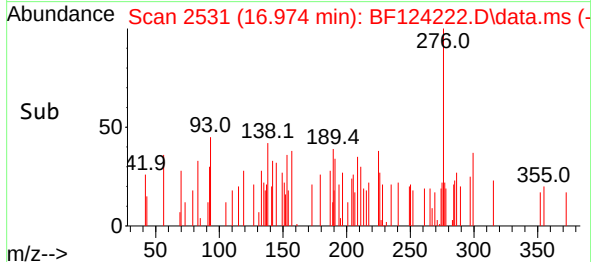
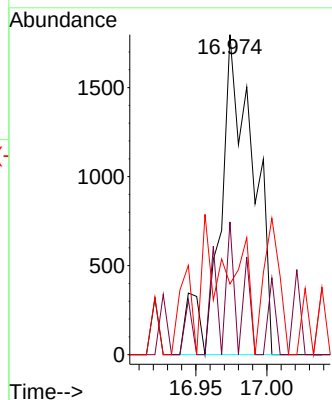
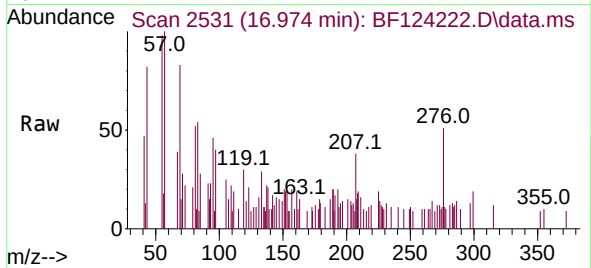




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.056 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

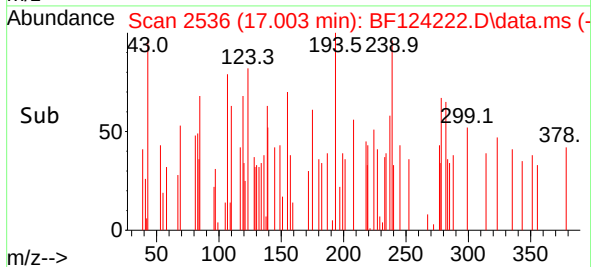
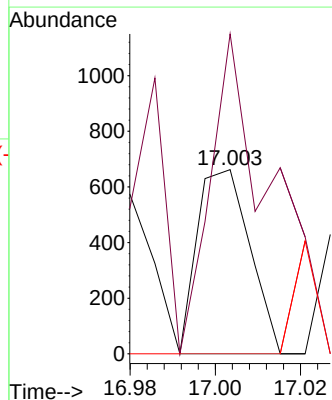
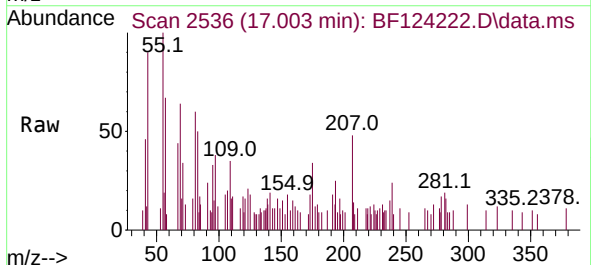
Instrument :
BNA_F
ClientSampleId :
18-B7(2-4)

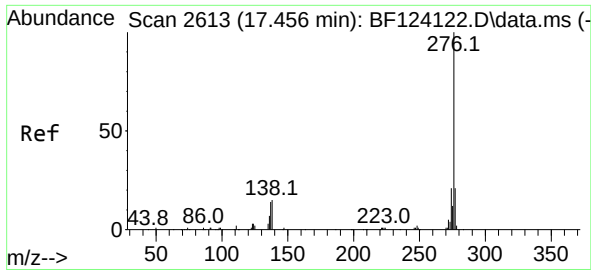
Tgt Ion:276 Resp: 2940
Ion Ratio Lower Upper
276 100
138 15.5 16.2 24.2#
277 0.0 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.339 ng
RT: 17.003 min Scan# 2536
Delta R.T. 0.012 min
Lab File: BF124222.D
Acq: 9 Jun 2021 22:39

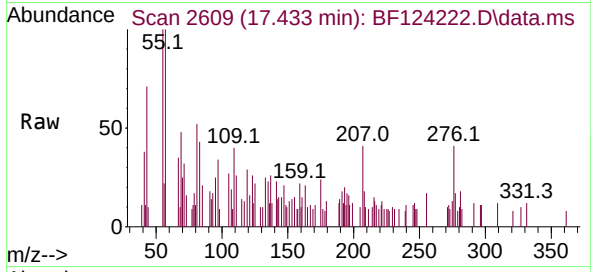
Tgt Ion:278 Resp: 568
Ion Ratio Lower Upper
278 100
139 173.7 10.2 15.2#
279 0.0 19.4 29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 4.825 ng
 RT: 17.433 min Scan# 2609
 Delta R.T. 0.000 min
 Lab File: BF124222.D
 Acq: 9 Jun 2021 22:39

Instrument :
 BNA_F
 ClientSampleId :
 18-B7(2-4)



Tgt Ion:276 Resp: 3457
 Ion Ratio Lower Upper
 276 100
 277 40.1 18.2 27.2#
 138 30.0 13.8 20.6#

