

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
 Data File : BF124297.D
 Acq On : 12 Jun 2021 20:58
 Operator : JU/CG
 Sample : M2674-03DL 25X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-03-060921DL

Quant Time: Jun 14 04:28:27 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)

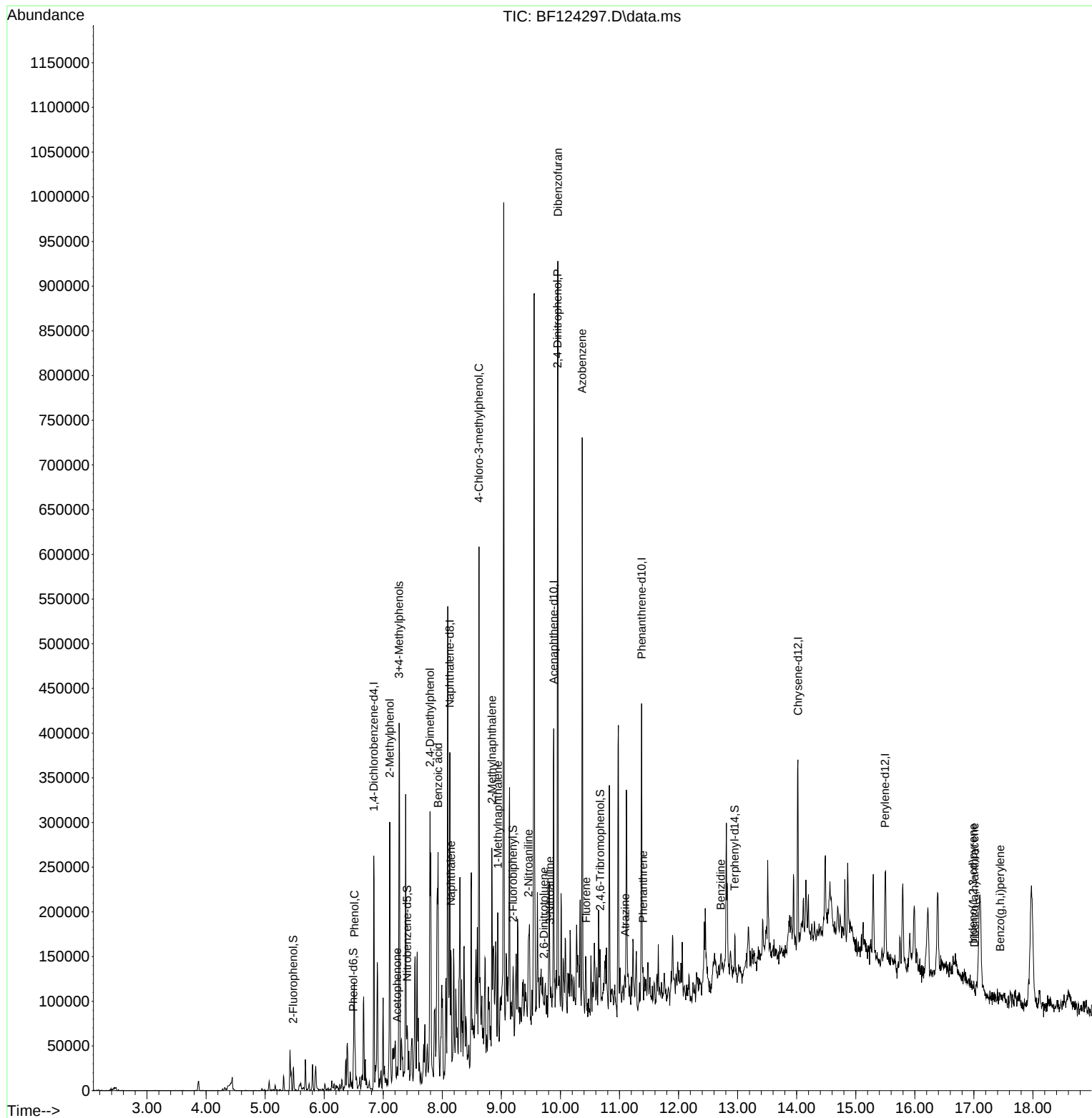
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	33563	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	118948	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	56473	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	83037	20.000	ng	0.00
76) Chrysene-d12	14.021	240	65028	20.000	ng	0.00
86) Perylene-d12	15.498	264	41206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	7555	3.389	ng	0.00
7) Phenol-d6	6.492	99	9597	3.202	ng	0.00
23) Nitrobenzene-d5	7.404	82	11364	3.789	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	2279	2.848	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	12078	2.691	ng	-0.01
79) Terphenyl-d14	12.951	244	12386	2.615	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.510	94	35575	10.984	ng	87
17) 2-Methylphenol	7.110	107	36275	17.987	ng	96
20) 3+4-Methylphenols	7.269	107	92714	34.695	ng	# 69
22) Acetophenone	7.234	105	9007	2.656	ng	# 46
27) 2,4-Dimethylphenol	7.792	122	60183	31.756	ng	98
31) Naphthalene	8.145	128	41109	5.781	ng	96
32) Benzoic acid	7.928	122	56770	48.818	ng	# 18
36) 4-Chloro-3-methylphenol	8.622	107	6060	2.526	ng	# 37
37) 2-Methylnaphthalene	8.839	142	40098	8.040	ng	89
38) 1-Methylnaphthalene	8.939	142	24104	5.172	ng	99
48) 2-Nitroaniline	9.457	65	4698	3.355	ng	# 32
51) 2,6-Dinitrotoluene	9.722	165	2588	2.416	ng	# 56
53) 3-Nitroaniline	9.822	138	4621	4.609	ng	# 9
54) 2,4-Dinitrophenol	9.951	184	1252	5.697	ng	# 1
55) Dibenzofuran	9.957	168	19639	3.406	ng	94
58) Fluorene	10.433	166	12223	2.762	ng	# 85
63) Azobenzene	10.369	77	12283	2.499	ng	66
69) Atrazine	11.098	200	1996	2.235	ng	# 16
71) Phenanthrene	11.398	178	13586	2.619	ng	# 88
77) Benzidine	12.716	184	631	4.442	ng	# 13
87) Indeno(1,2,3-cd)pyrene	16.986	276	585	4.490	ng	# 2
91) Dibenzo(a,h)anthracene	17.009	278	292	4.266	ng	# 12
92) Benzo(g,h,i)perylene	17.445	276	575	3.990	ng	# 52

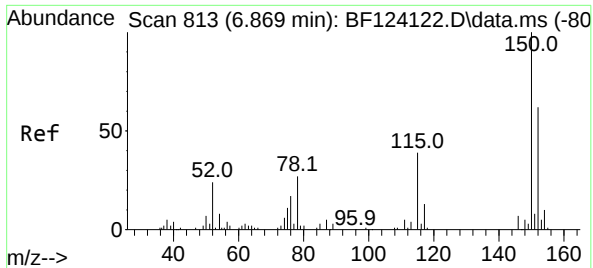
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124297.D
Acq On : 12 Jun 2021 20:58
Operator : JU/CG
Sample : M2674-03DL 25X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
TMR-DS-03-060921DL

Quant Time: Jun 14 04:28:27 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

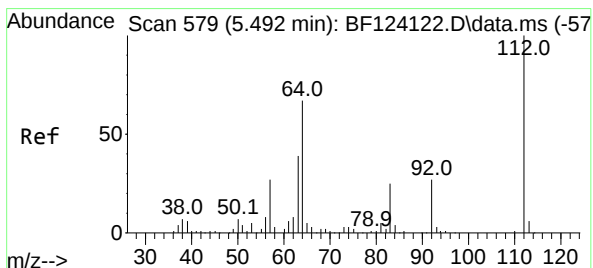
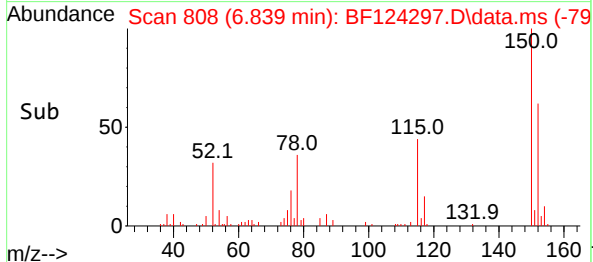
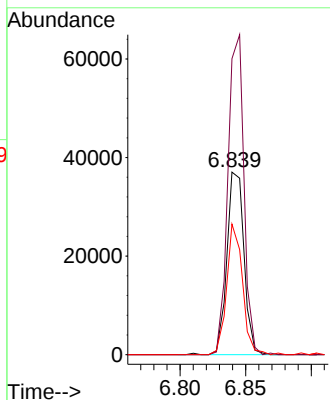
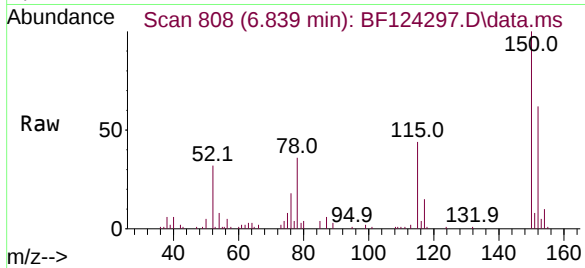




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

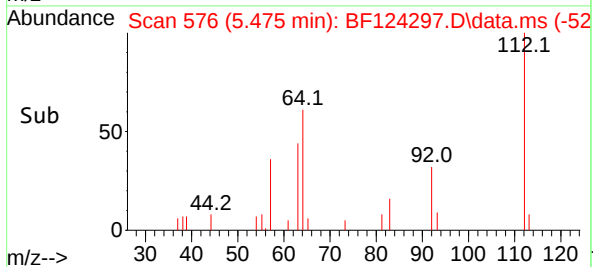
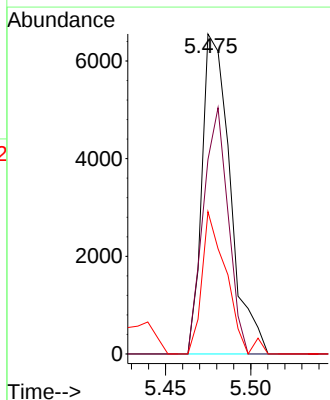
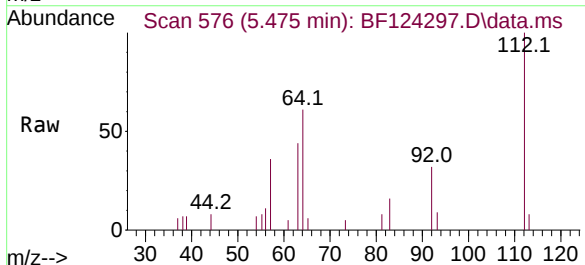
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

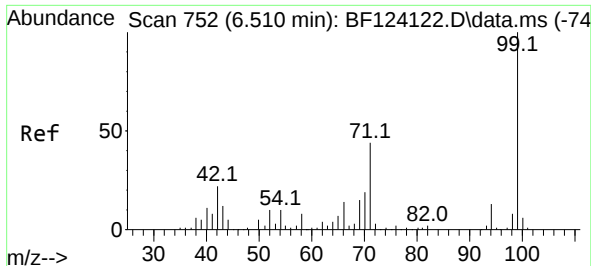
Tgt Ion:152 Resp: 33563
Ion Ratio Lower Upper
152 100
150 162.2 127.0 190.6
115 71.5 54.3 81.5



#5
2-Fluorophenol
Concen: 3.389 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:112 Resp: 7555
Ion Ratio Lower Upper
112 100
64 60.8 61.4 92.0#
63 44.4 33.0 49.4

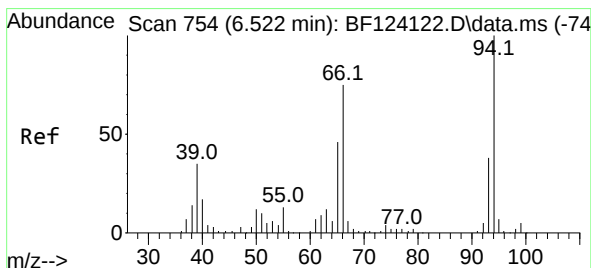
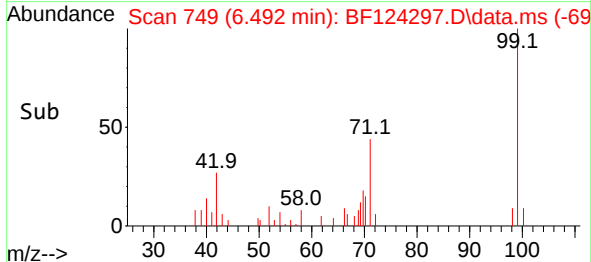
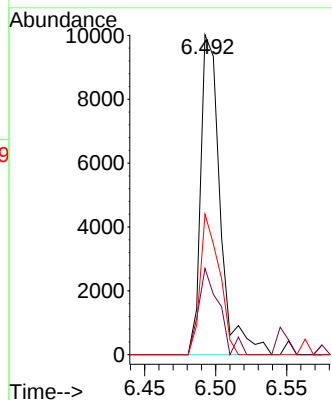
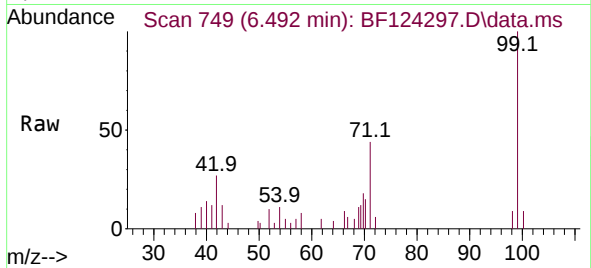




#7
Phenol-d6
Concen: 3.202 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

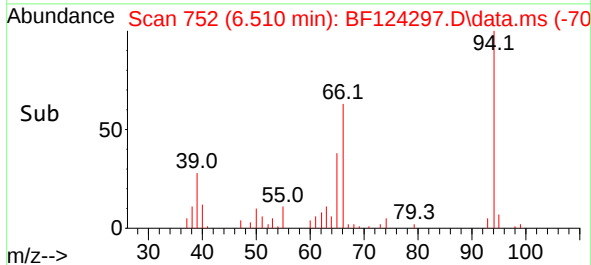
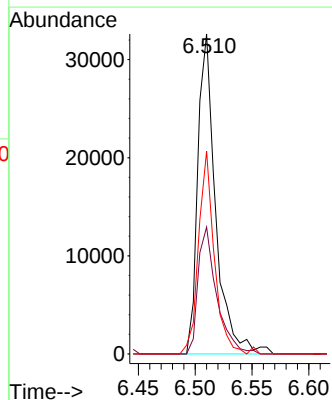
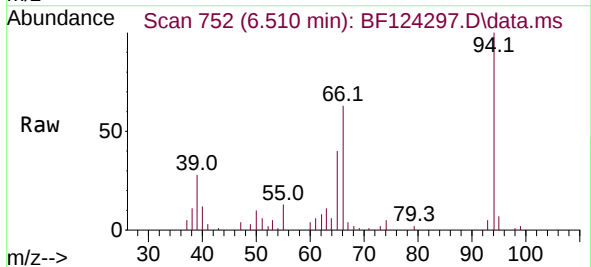
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

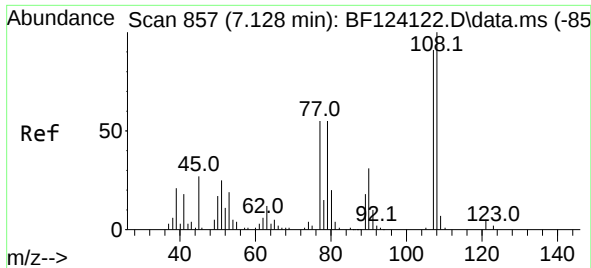
Tgt Ion: 99	Resp: 9597
Ion Ratio	Lower Upper
99 100	
42 27.0	19.8 29.8
71 43.9	31.1 46.7



#10
Phenol
Concen: 10.984 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion: 94	Resp: 35575
Ion Ratio	Lower Upper
94 100	
65 39.7	18.1 58.1
66 63.4	29.0 69.0





#17

2-Methylphenol

Concen: 17.987 ng

RT: 7.110 min Scan# 854

Delta R.T. -0.006 min

Lab File: BF124297.D

Acq: 12 Jun 2021 20:58

Instrument :

BNA_F

ClientSampleId :

TMR-DS-03-060921DL

Tgt Ion:107 Resp: 36275

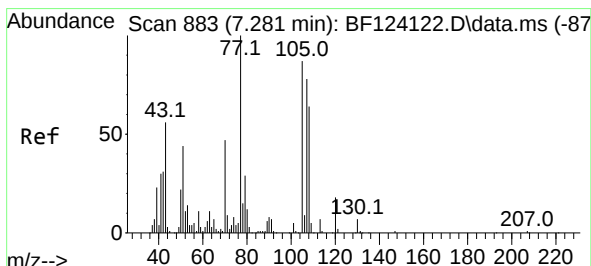
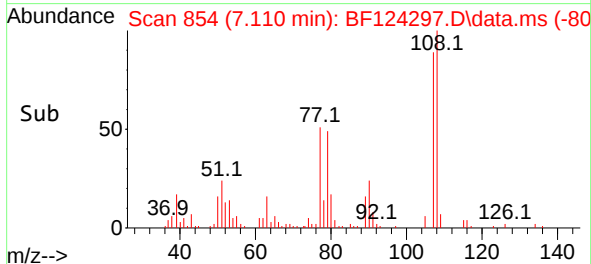
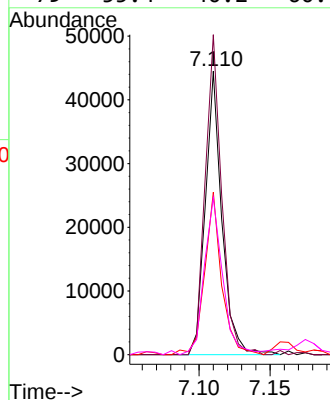
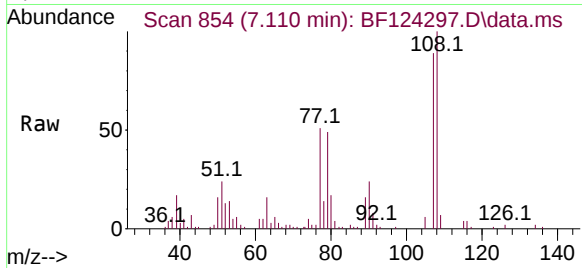
Ion Ratio Lower Upper

107 100

108 112.9 89.8 134.8

77 57.3 40.9 61.3

79 55.4 40.2 60.4



#20

3+4-Methylphenols

Concen: 34.695 ng

RT: 7.269 min Scan# 881

Delta R.T. 0.000 min

Lab File: BF124297.D

Acq: 12 Jun 2021 20:58

Tgt Ion:107 Resp: 92714

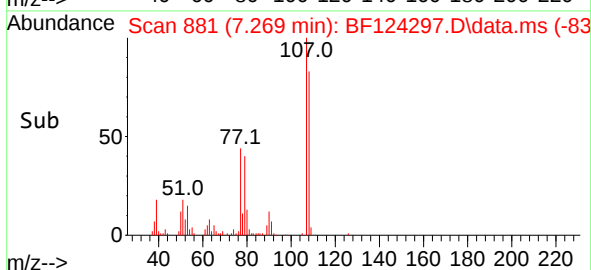
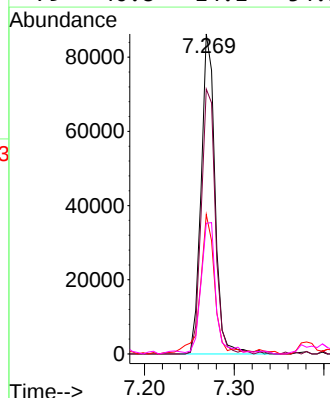
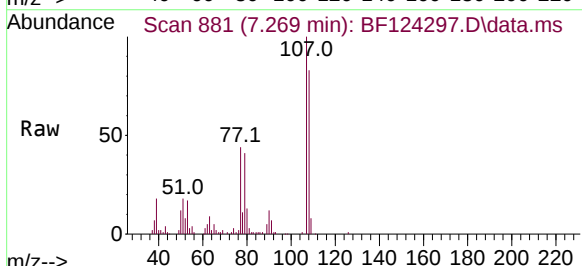
Ion Ratio Lower Upper

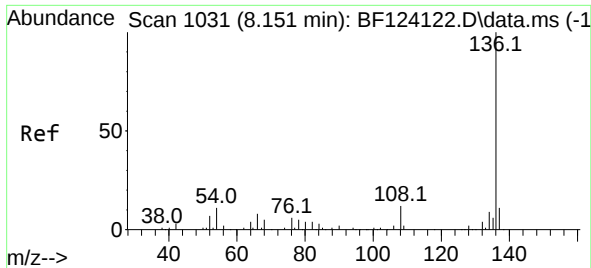
107 100

108 82.8 71.5 111.5

77 43.6 82.0 122.0#

79 40.8 14.1 54.1

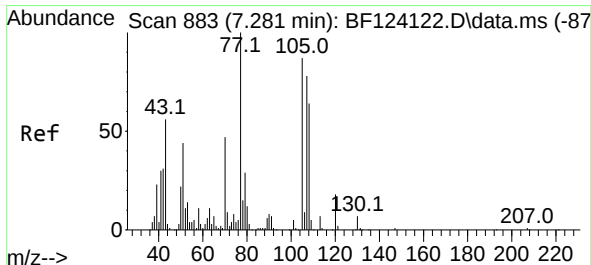
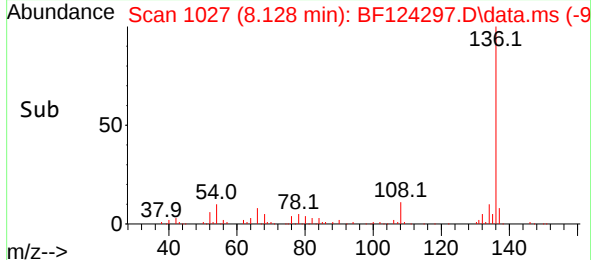
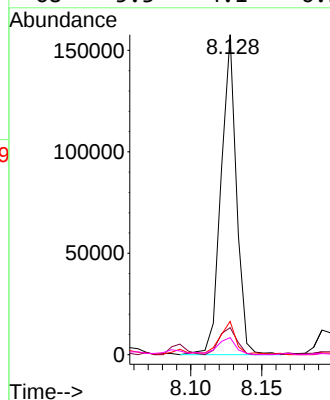
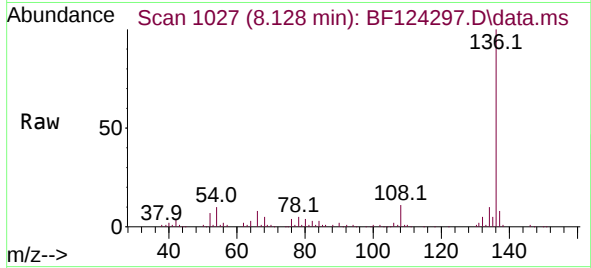




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

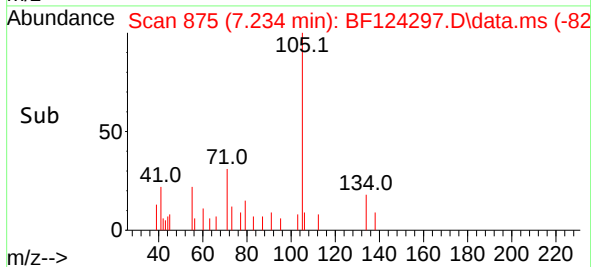
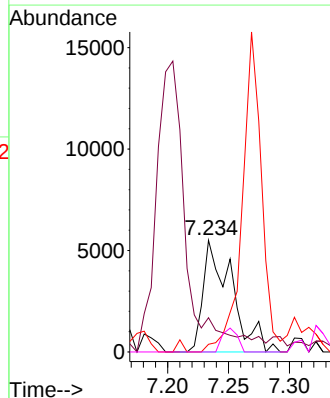
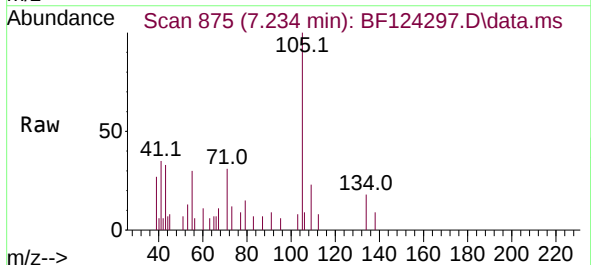
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

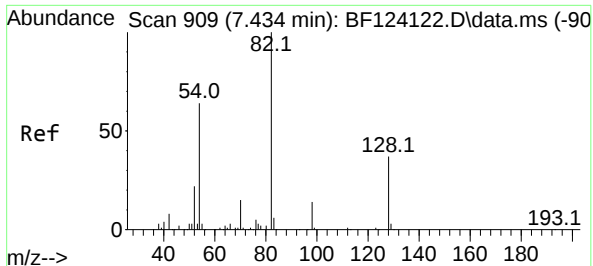
Tgt Ion:136 Resp: 118948
Ion Ratio Lower Upper
136 100
137 8.4 8.7 13.1#
54 10.4 9.8 14.6
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 2.656 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.029 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:105 Resp: 9007
Ion Ratio Lower Upper
105 100
71 30.7 4.2 6.4#
51 6.8 33.6 50.4#
120 0.0 16.3 24.5#

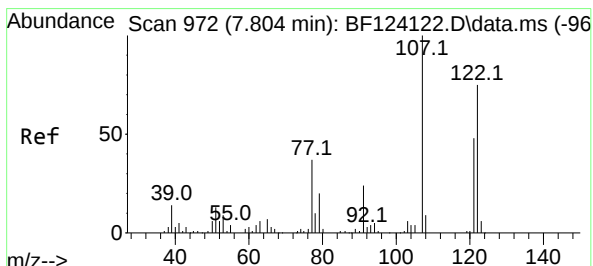
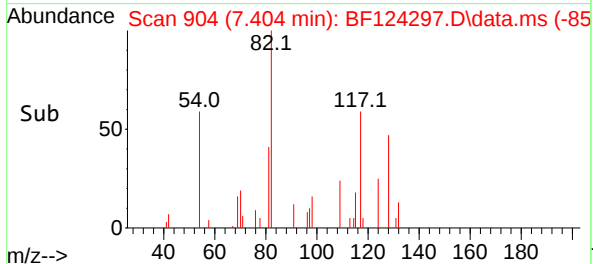
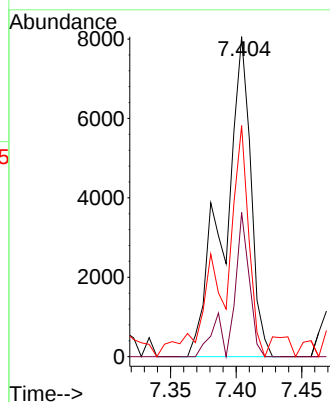
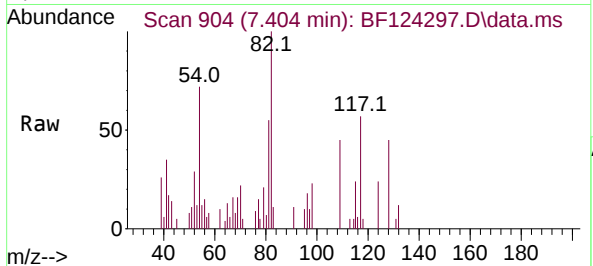




#23
Nitrobenzene-d5
Concen: 3.789 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

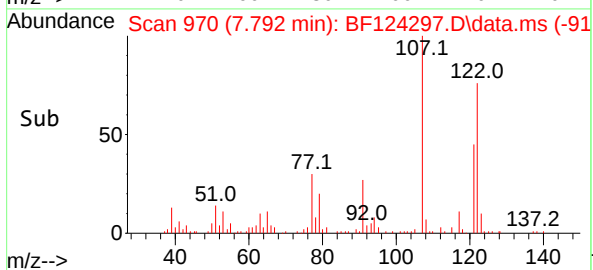
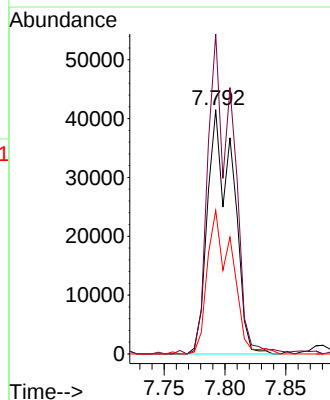
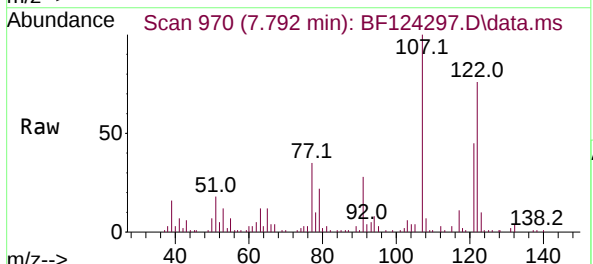
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

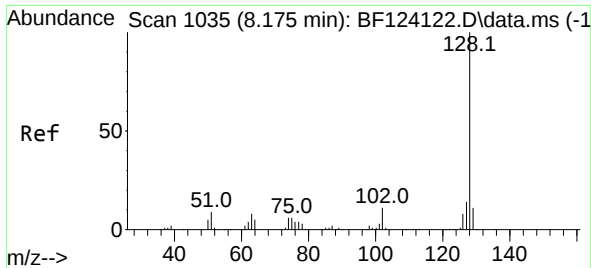
Tgt Ion: 82 Resp: 11364
Ion Ratio Lower Upper
82 100
128 45.0 29.4 44.2#
54 72.2 54.1 81.1



#27
2,4-Dimethylphenol
Concen: 31.756 ng
RT: 7.792 min Scan# 970
Delta R.T. 0.000 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:122 Resp: 60183
Ion Ratio Lower Upper
122 100
107 131.0 106.3 159.5
121 58.8 45.4 68.0

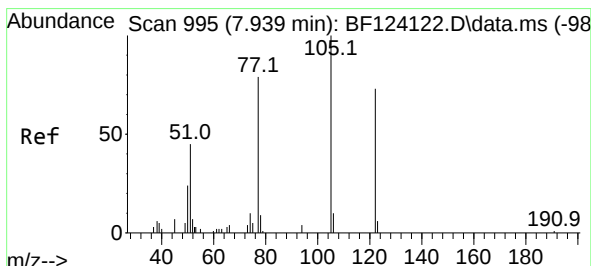
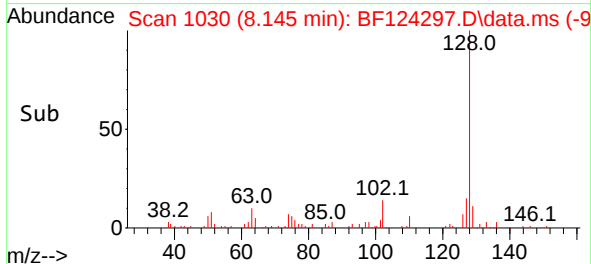
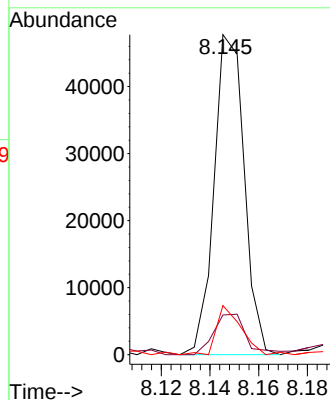
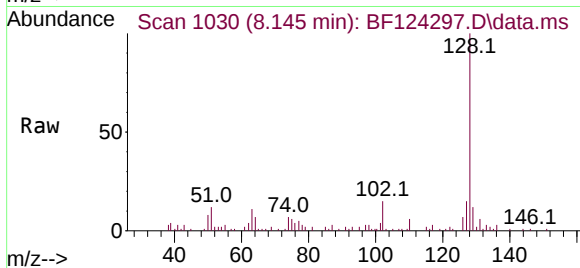




#31
Naphthalene
Concen: 5.781 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

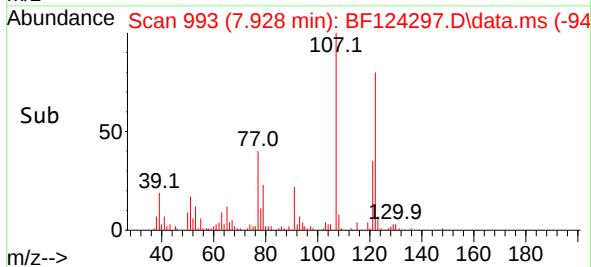
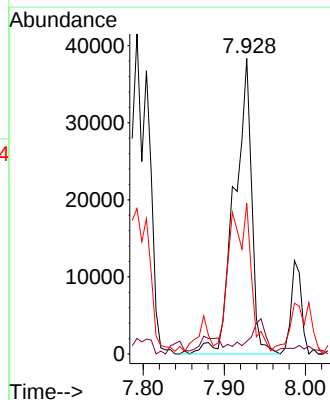
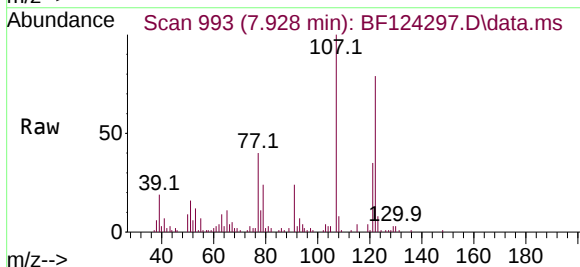
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

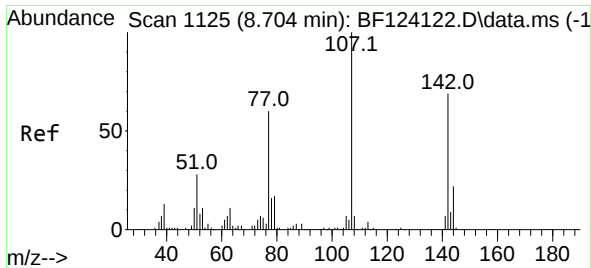
Tgt Ion:128 Resp: 41109
Ion Ratio Lower Upper
128 100
129 12.4 8.9 13.3
127 15.4 10.8 16.2



#32
Benzoic acid
Concen: 48.818 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:122 Resp: 56770
Ion Ratio Lower Upper
122 100
105 4.3 107.8 147.8#
77 51.0 81.6 121.6#

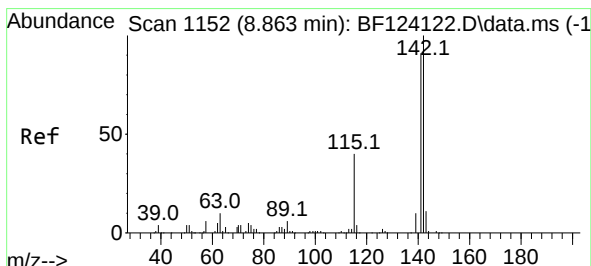
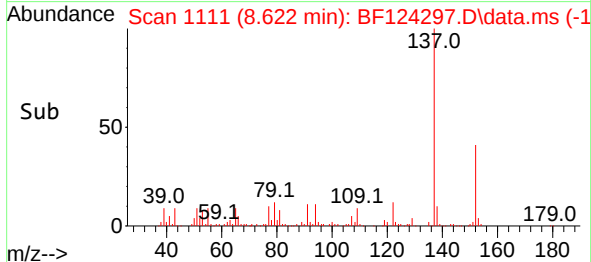
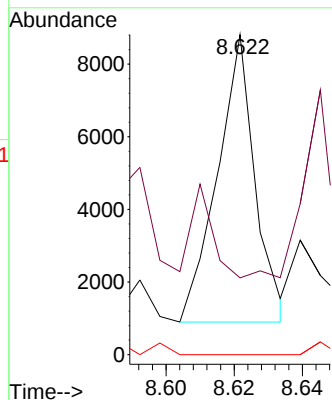
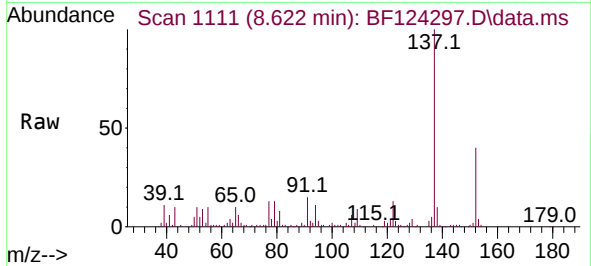




#36
4-Chloro-3-methylphenol
Concen: 2.526 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.076 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

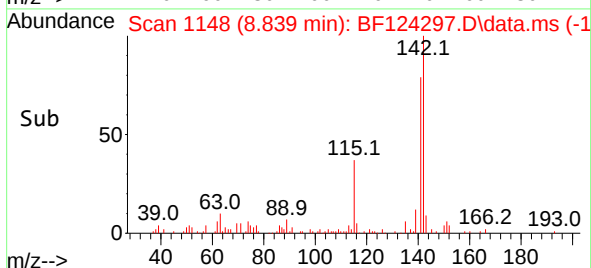
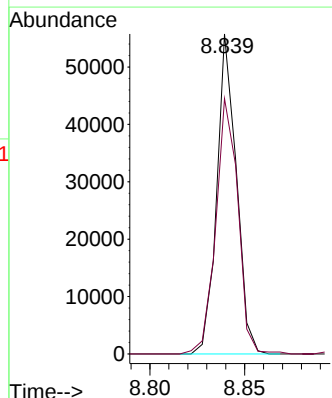
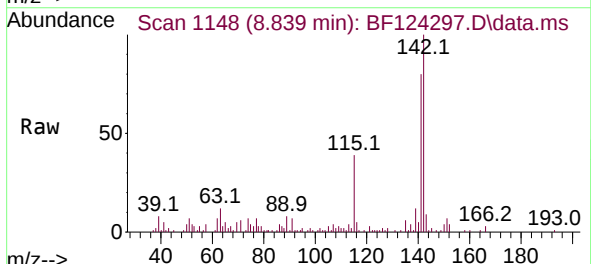
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

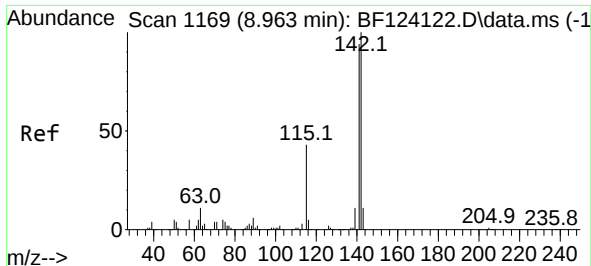
Tgt Ion:107 Resp: 6060
Ion Ratio Lower Upper
107 100
144 24.0 16.3 24.5
142 0.0 50.1 75.1#



#37
2-Methylnaphthalene
Concen: 8.040 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:142 Resp: 40098
Ion Ratio Lower Upper
142 100
141 79.8 71.8 107.6

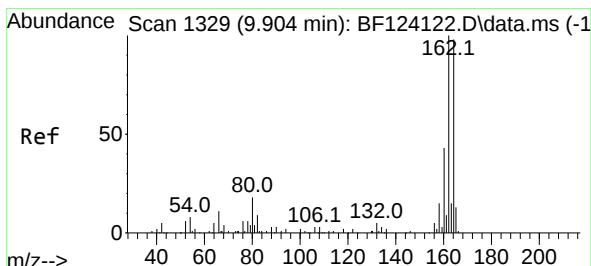
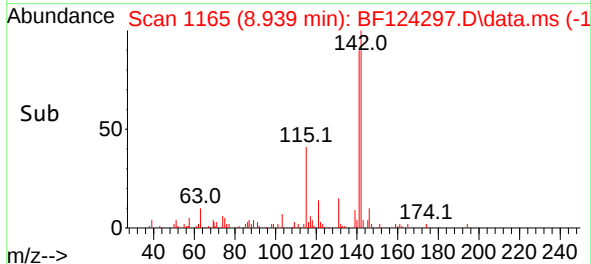
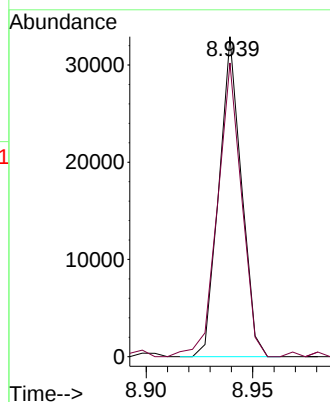
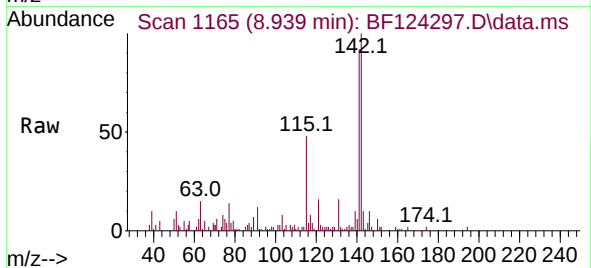




#38
1-Methylnaphthalene
Concen: 5.172 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

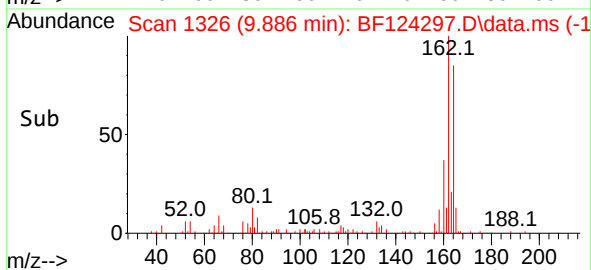
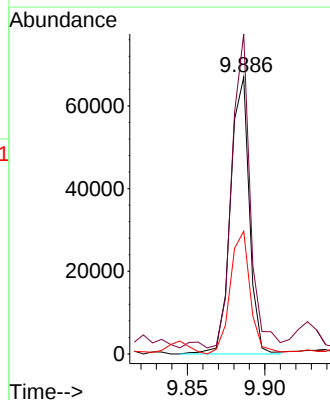
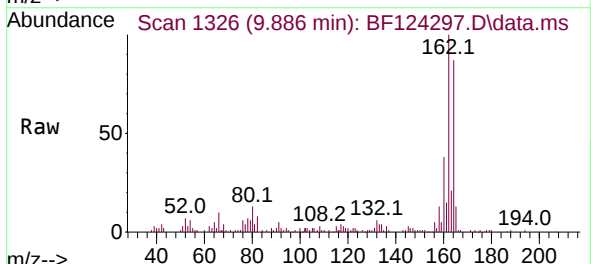
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

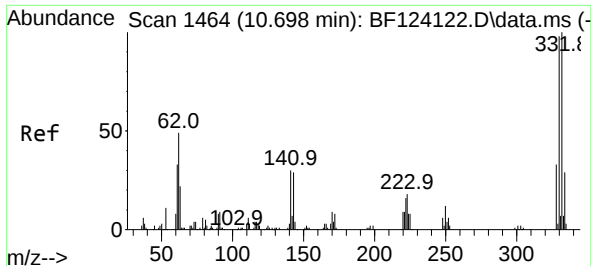
Tgt Ion:142 Resp: 24104
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:164 Resp: 56473
Ion Ratio Lower Upper
164 100
162 115.6 80.7 121.1
160 44.3 37.3 55.9

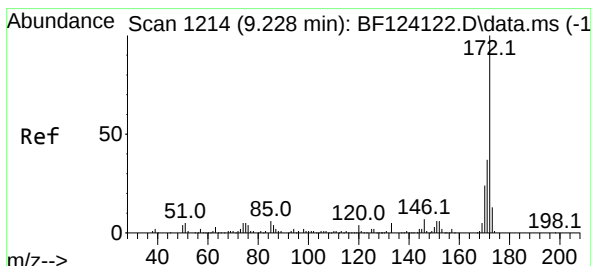
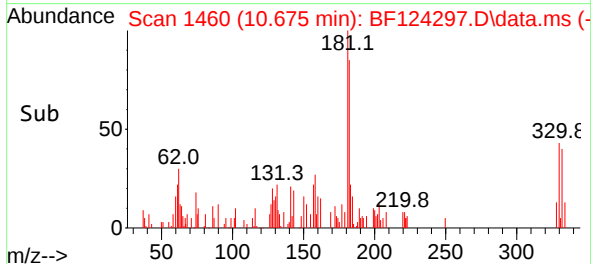
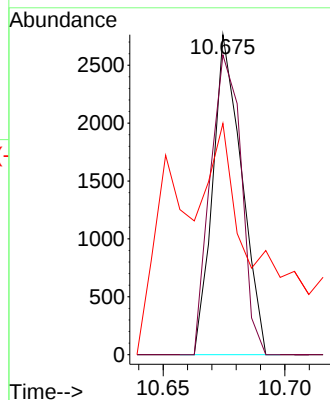
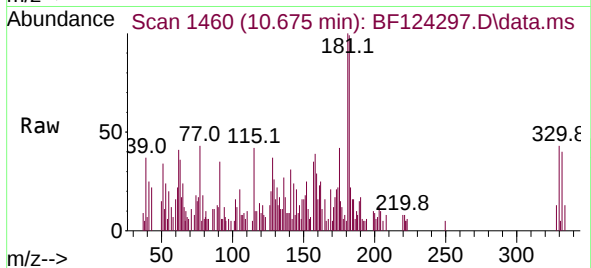




#42
2,4,6-Tribromophenol
Concen: 2.848 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

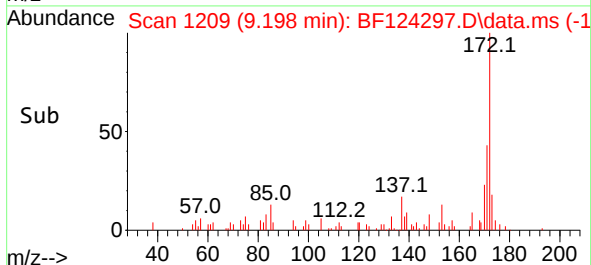
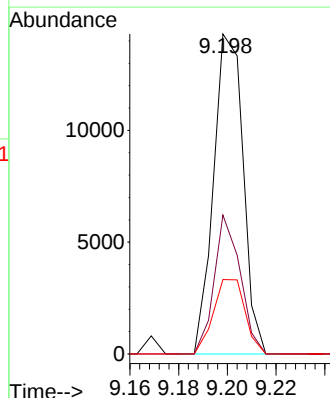
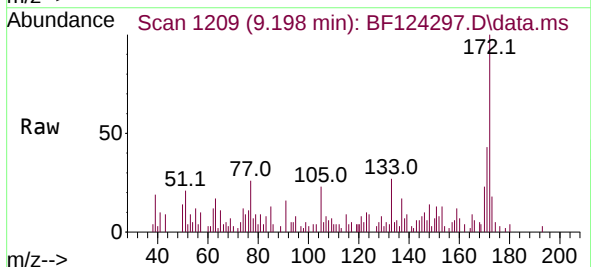
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

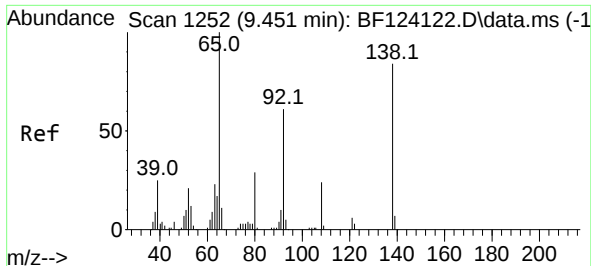
Tgt Ion: 330 Resp: 2279
Ion Ratio Lower Upper
330 100
332 100.4 77.1 115.7
141 107.7 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 2.691 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion: 172 Resp: 12078
Ion Ratio Lower Upper
172 100
171 43.4 28.1 42.1#
170 23.2 19.2 28.8





#48

2-Nitroaniline

Concen: 3.355 ng

RT: 9.457 min Scan# 1253

Delta R.T. 0.018 min

Lab File: BF124297.D

Acq: 12 Jun 2021 20:58

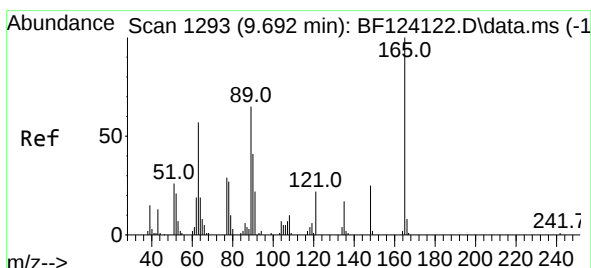
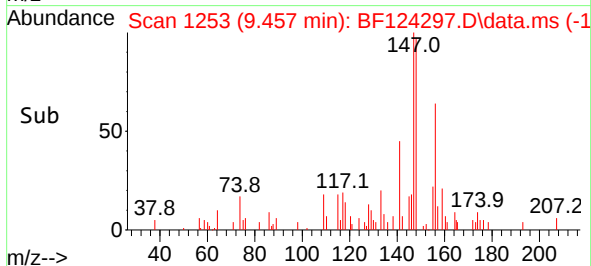
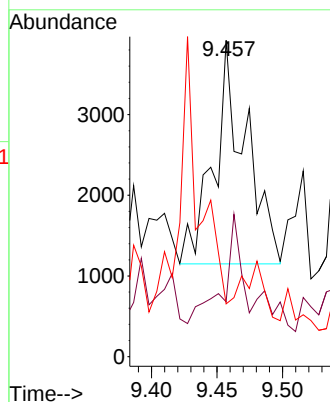
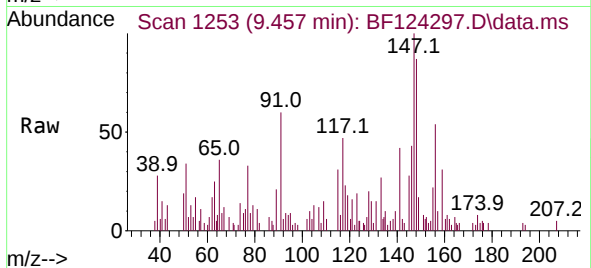
Tgt Ion:	65	Resp:	4698
Ion	Ratio	Lower	Upper
65	100		
92	17.4	47.1	70.7#
138	16.7	70.2	105.2#

Instrument :

BNA_F

ClientSampleId :

TMR-DS-03-060921DL



#51

2,6-Dinitrotoluene

Concen: 2.416 ng

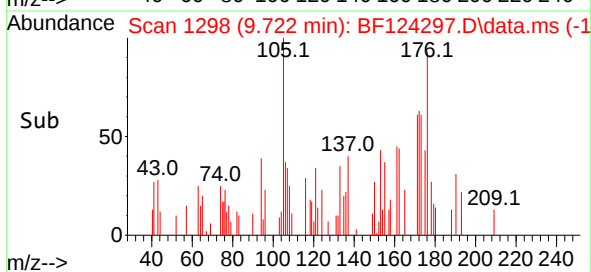
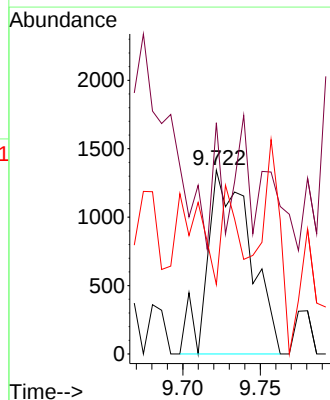
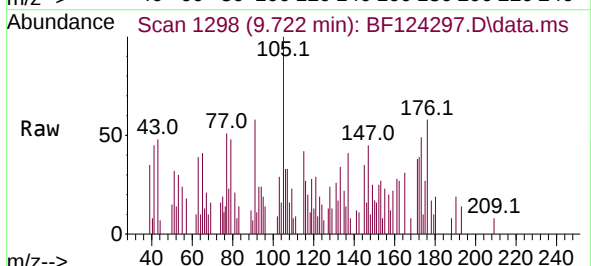
RT: 9.722 min Scan# 1298

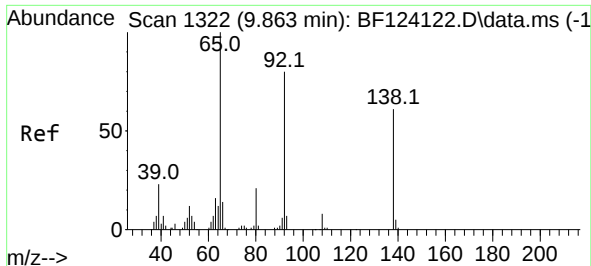
Delta R.T. 0.041 min

Lab File: BF124297.D

Acq: 12 Jun 2021 20:58

Tgt Ion:	165	Resp:	2588
Ion	Ratio	Lower	Upper
165	100		
63	125.8	67.7	101.5#
89	37.8	58.8	88.2#

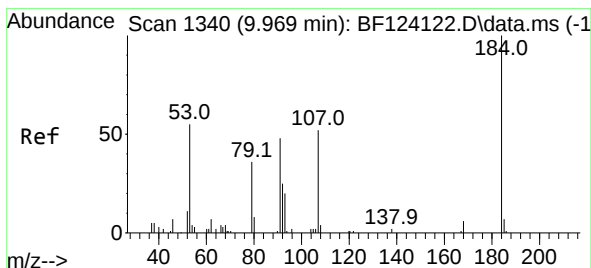
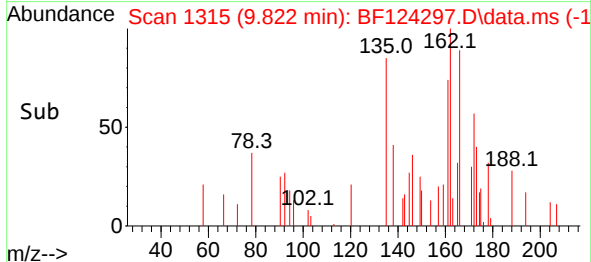
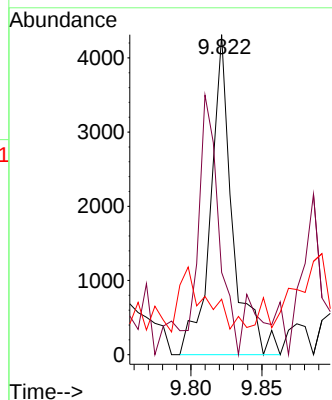
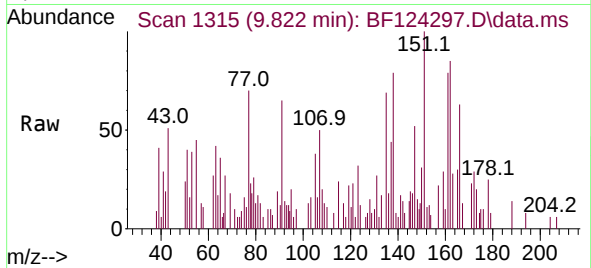




#53
3-Nitroaniline
Concen: 4.609 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.029 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

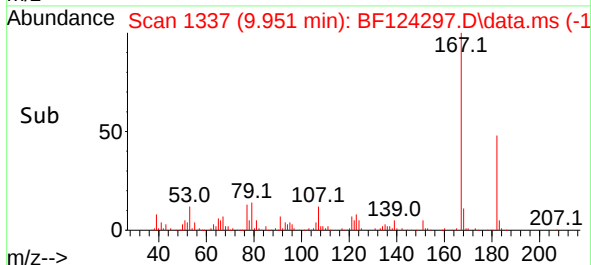
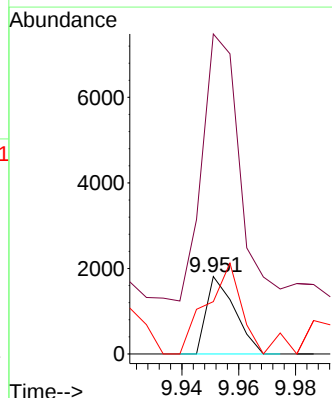
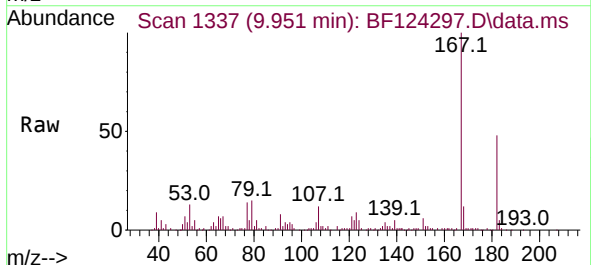
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

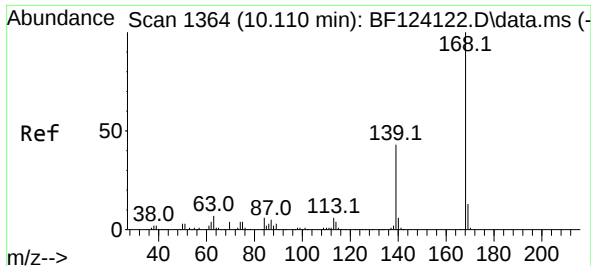
Tgt Ion:138 Resp: 4621
Ion Ratio Lower Upper
138 100
108 25.7 10.2 15.4#
92 17.4 103.3 154.9#



#54
2,4-Dinitrophenol
Concen: 5.697 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:184 Resp: 1252
Ion Ratio Lower Upper
184 100
63 413.4 73.5 110.3#
154 67.6 52.5 78.7

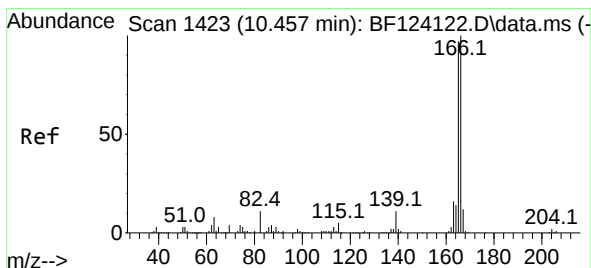
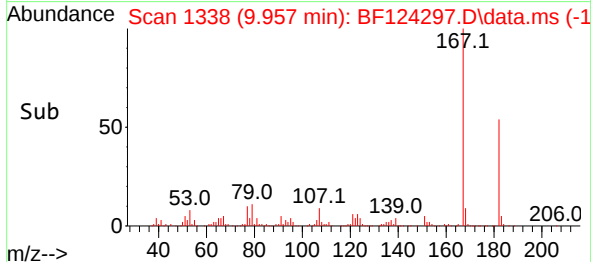
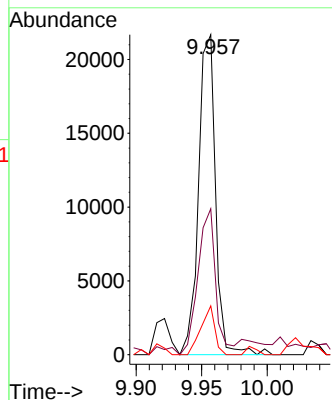
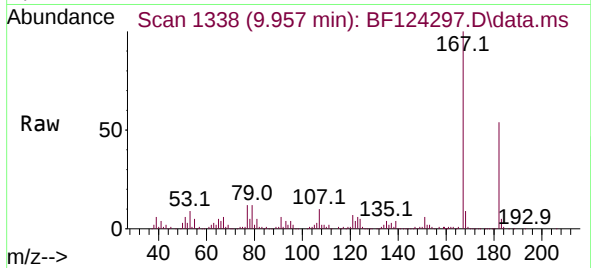




#55
Dibenzenofuran
Concen: 3.406 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.141 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

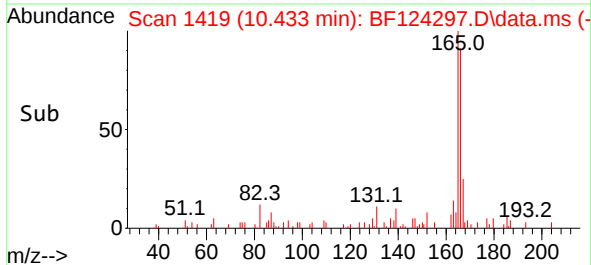
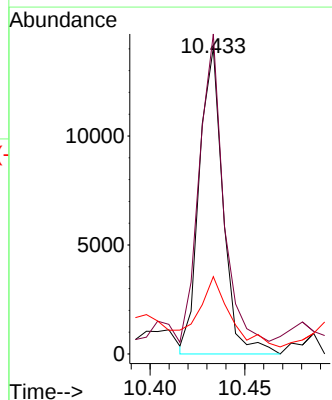
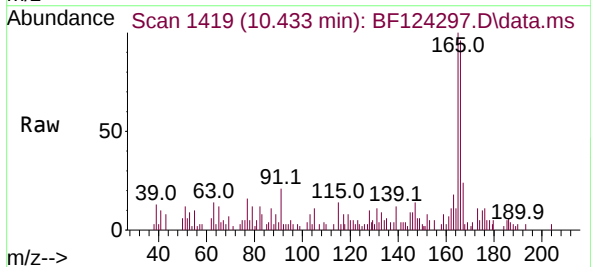
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

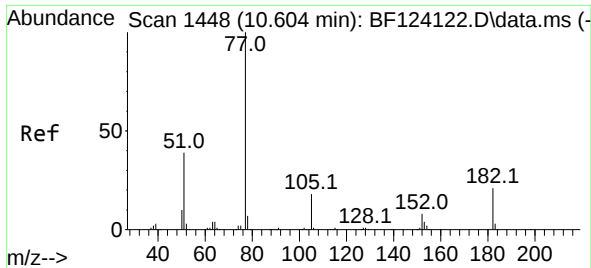
Tgt Ion:168 Resp: 19639
Ion Ratio Lower Upper
168 100
139 45.6 33.2 49.8
169 15.2 10.8 16.2



#58
Fluorene
Concen: 2.762 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:166 Resp: 12223
Ion Ratio Lower Upper
166 100
165 104.5 73.5 110.3
167 25.2 10.7 16.1#

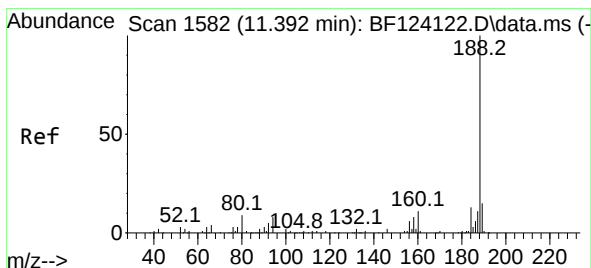
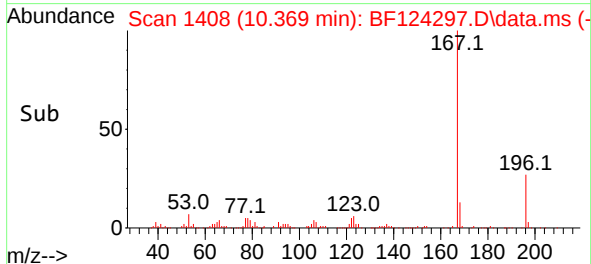
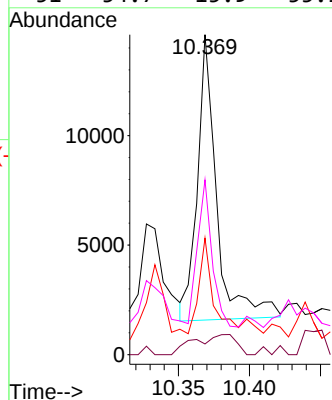
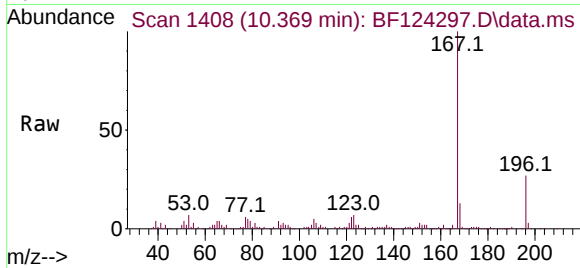




#63
Azobenzene
Concen: 2.499 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.223 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

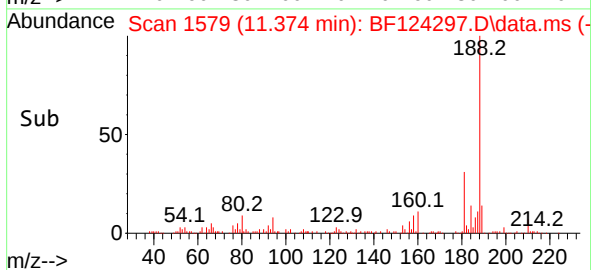
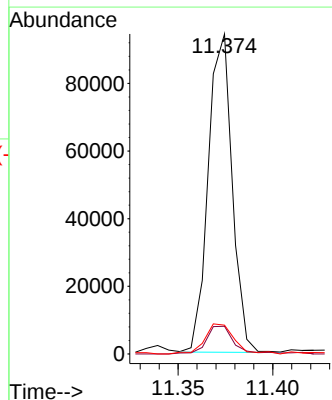
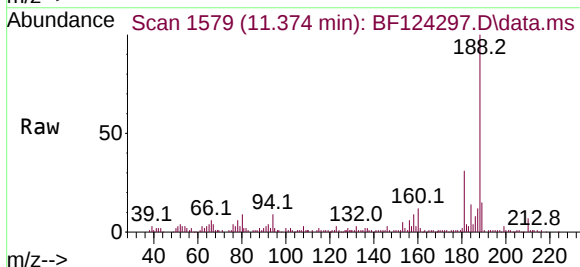
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

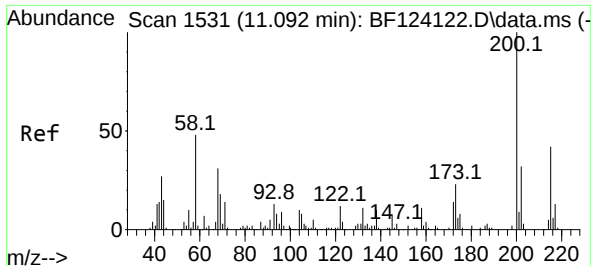
Tgt Ion: 77	Resp: 12283
Ion Ratio	Lower Upper
77 100	
182 3.3	1.7 41.7
105 36.4	1.7 41.7
51 54.7	15.9 55.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion: 188	Resp: 83037
Ion Ratio	Lower Upper
188 100	
94 8.7	6.9 10.3
80 9.0	8.2 12.2

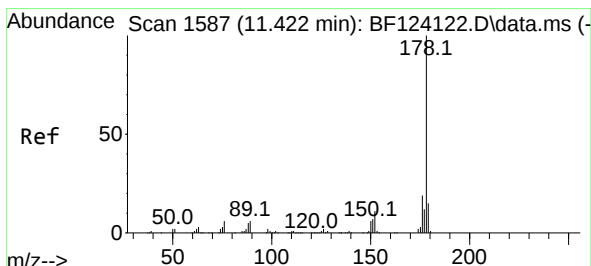
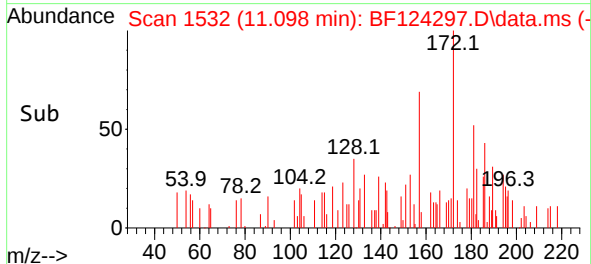
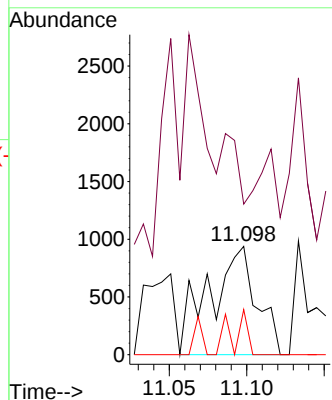
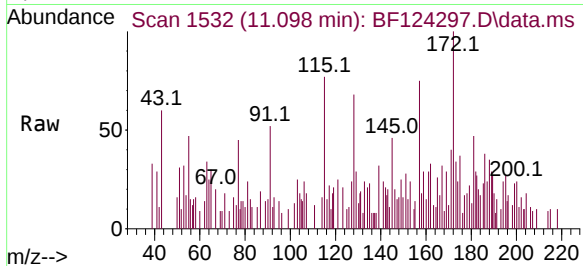




#69
Atrazine
Concen: 2.235 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.018 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

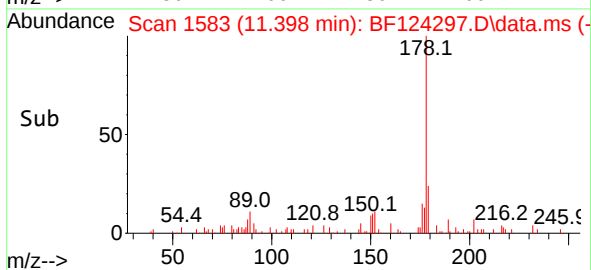
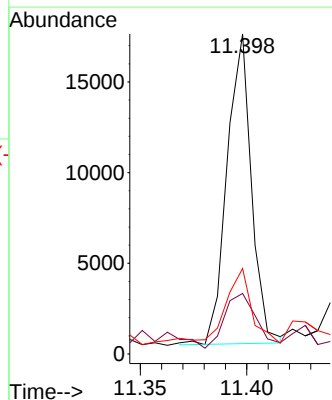
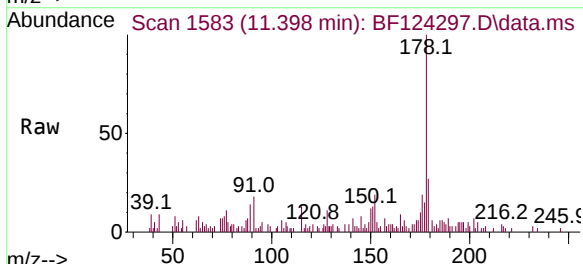
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

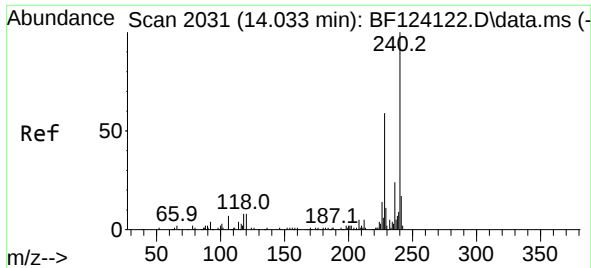
Tgt Ion:200 Resp: 1996
Ion Ratio Lower Upper
200 100
173 138.9 6.9 46.9#
215 41.6 26.5 66.5



#71
Phenanthrene
Concen: 2.619 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:178 Resp: 13586
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 26.7 12.5 18.7#

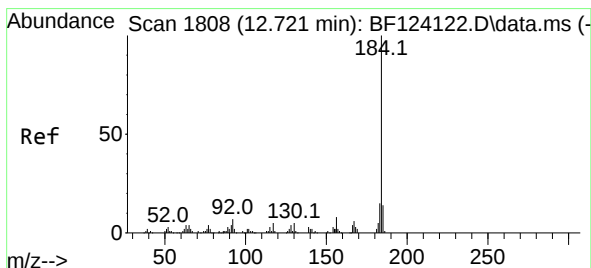
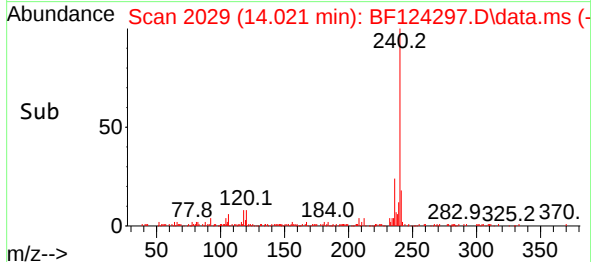
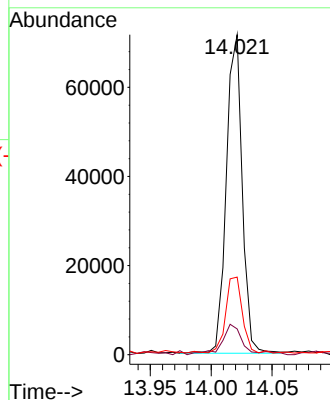
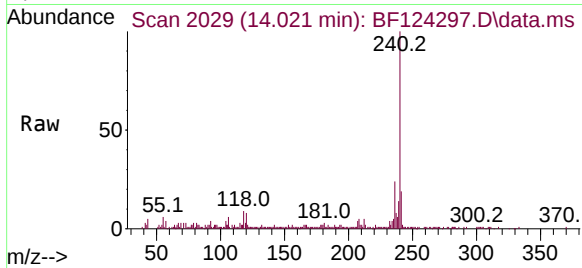




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

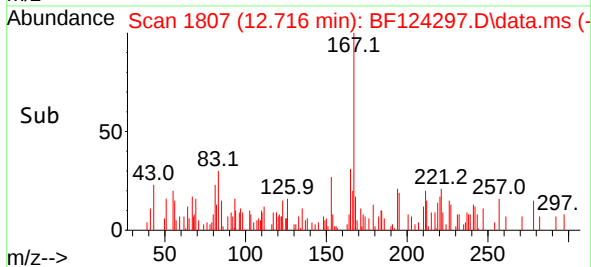
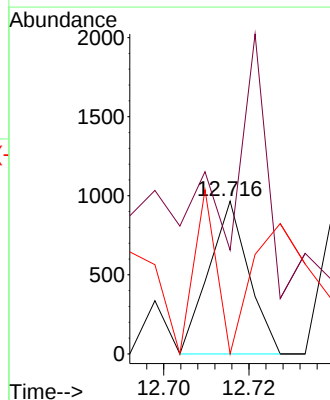
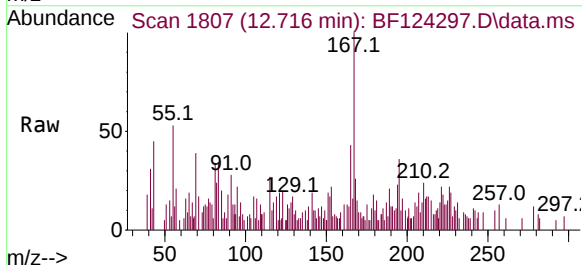
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

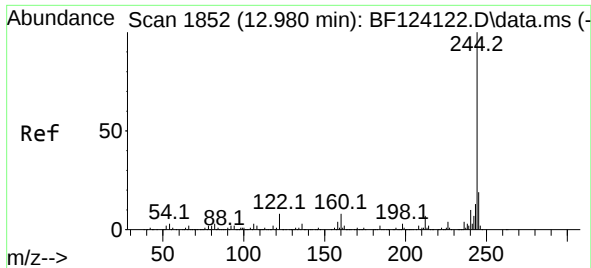
Tgt Ion:240	Resp:	65028
Ion Ratio	Lower	Upper
240	100	
120	8.0	7.2 10.8
236	24.3	19.0 28.4



#77
Benzidine
Concen: 4.442 ng
RT: 12.716 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:184	Resp:	631
Ion Ratio	Lower	Upper
184	100	
185	67.9	12.1 18.1#
183	0.0	7.8 11.8#

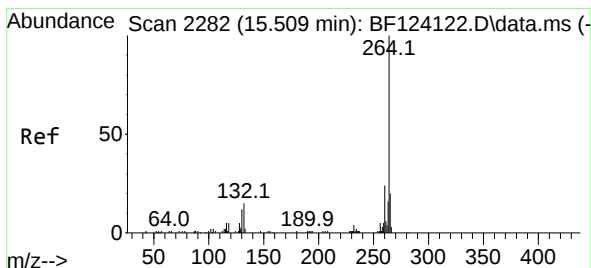
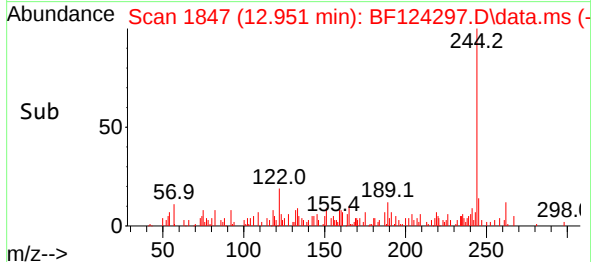
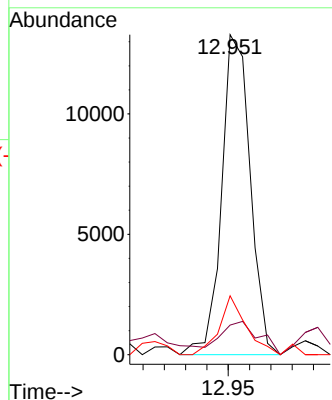
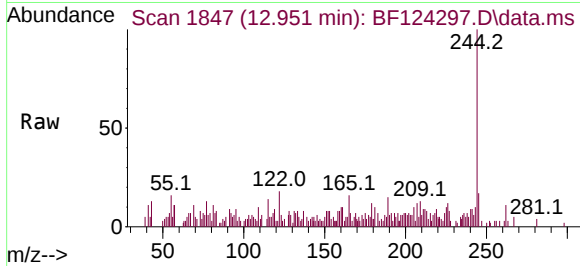




#79
 Terphenyl-d14
 Concen: 2.615 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF124297.D
 Acq: 12 Jun 2021 20:58

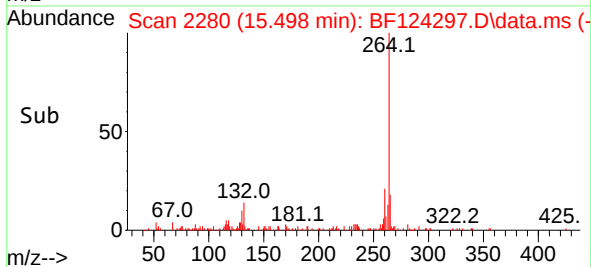
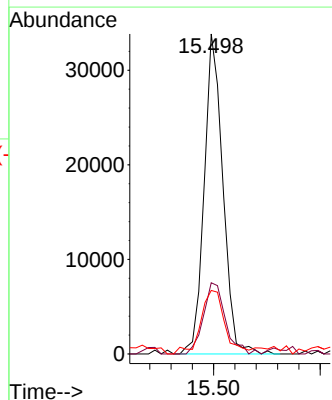
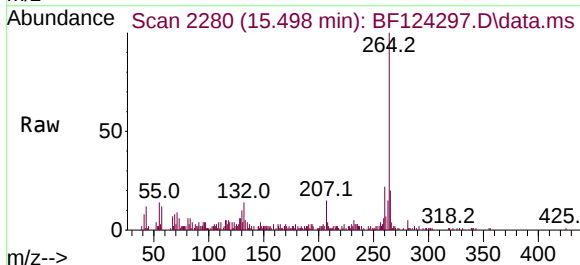
Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-03-060921DL

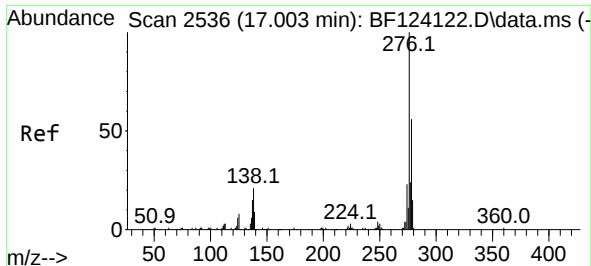
Tgt Ion:244 Resp: 12386
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.7 8.5#
 122 18.4 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF124297.D
 Acq: 12 Jun 2021 20:58

Tgt Ion:264 Resp: 41206
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.7 28.1
 265 19.8 17.8 26.8

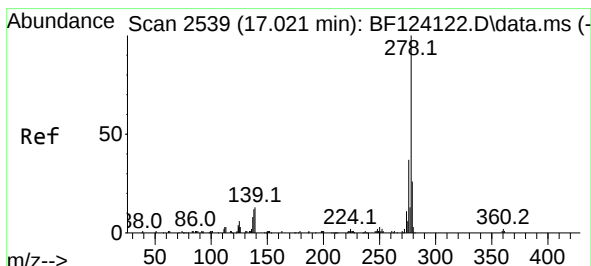
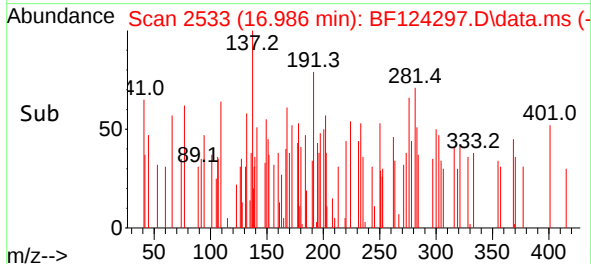
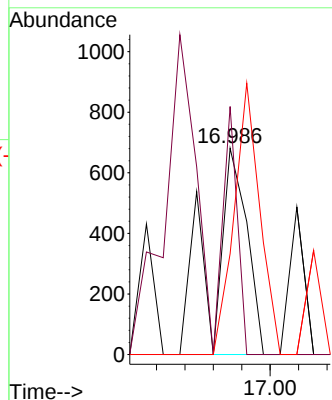
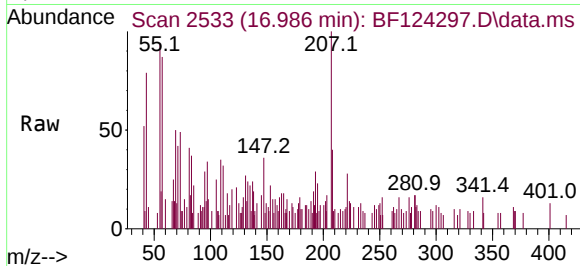




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.490 ng
 RT: 16.986 min Scan# 2533
 Delta R.T. 0.006 min
 Lab File: BF124297.D
 Acq: 12 Jun 2021 20:58

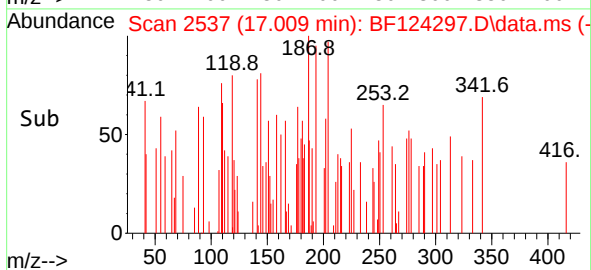
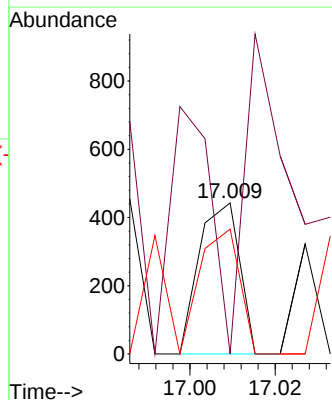
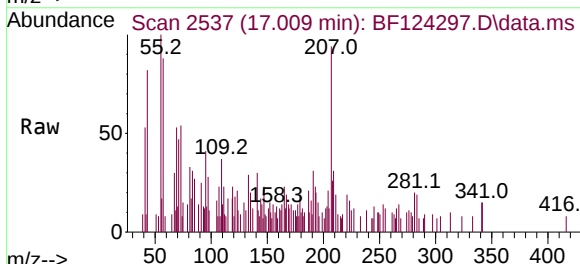
Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-03-060921DL

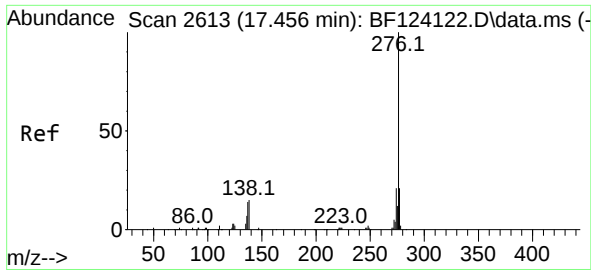
Tgt Ion:	276	Resp:	585
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.2	24.2#
277	96.4	20.1	30.1#



#91
 Dibenzo(a,h)anthracene
 Concen: 4.266 ng
 RT: 17.009 min Scan# 2537
 Delta R.T. 0.018 min
 Lab File: BF124297.D
 Acq: 12 Jun 2021 20:58

Tgt Ion:	278	Resp:	292
Ion Ratio	Lower	Upper	
278	100		
139	0.0	10.2	15.2#
279	82.6	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 3.990 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.012 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

Tgt Ion:276 Resp: 575
Ion Ratio Lower Upper
276 100
277 49.2 18.2 27.2#
138 0.0 13.8 20.6#

