

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124136.D
 Acq On : 4 Jun 2021 13:09
 Operator : JU/CG
 Sample : M2583-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 54-57S

Quant Time: Jun 04 14:17:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

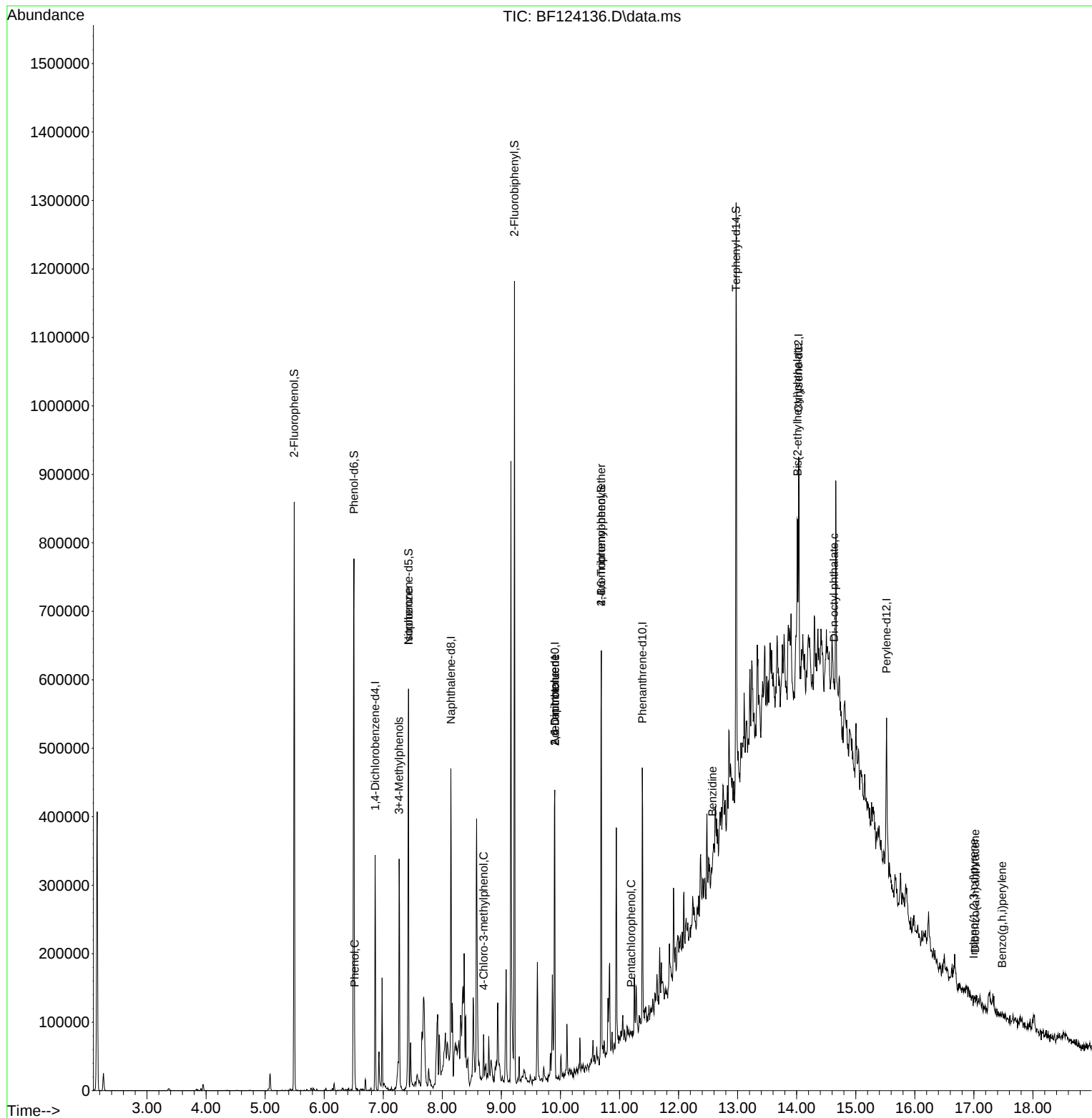
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	41359	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	152495	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	76394	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	117886	20.000	ng	0.00
76) Chrysene-d12	14.033	240	89546	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	83151	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	175490	63.873	ng	0.00
7) Phenol-d6	6.504	99	215746	58.420	ng	0.00
23) Nitrobenzene-d5	7.428	82	159636	41.519	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	58523	54.072	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	271511	44.723	ng	0.00
79) Terphenyl-d14	12.974	244	211045	32.358	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.516	94	17282	4.330	ng	91
20) 3+4-Methylphenols	7.269	107	70337	21.360	ng	# 62
25) Isophorone	7.428	82	159632	23.040	ng	# 69
36) 4-Chloro-3-methylphenol	8.698	107	10863	3.532	ng	# 82
51) 2,6-Dinitrotoluene	9.904	165	9804	6.765	ng	# 12
57) 2,4-Dinitrotoluene	9.904	165	9804	5.130	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	4249	2.626	ng	# 1
70) Pentachlorophenol	11.198	266	428	5.082	ng	# 18
77) Benzidine	12.574	184	9055	8.032	ng	96
84) Bis(2-ethylhexyl)phtha...	14.015	149	68259	16.451	ng	# 93
85) Di-n-octyl phthalate	14.633	149	20078	3.626	ng	# 67
87) Indeno(1,2,3-cd)pyrene	16.998	276	1198	4.493	ng	# 25
91) Dibenzo(a,h)anthracene	17.021	278	345	4.228	ng	# 1
92) Benzo(g,h,i)perylene	17.480	276	121	3.826	ng	# 56

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

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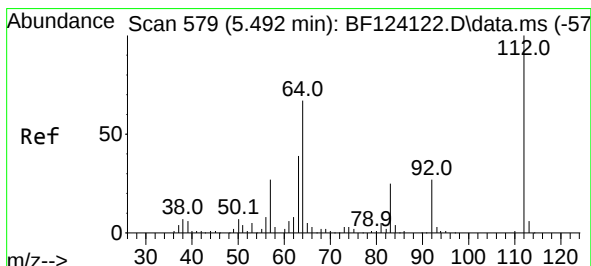
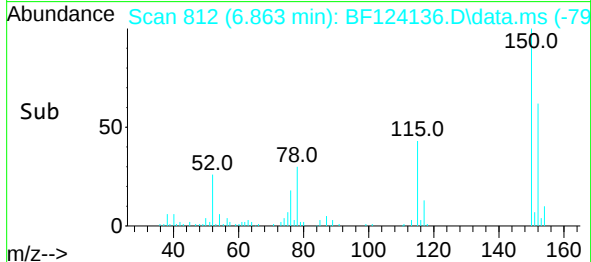
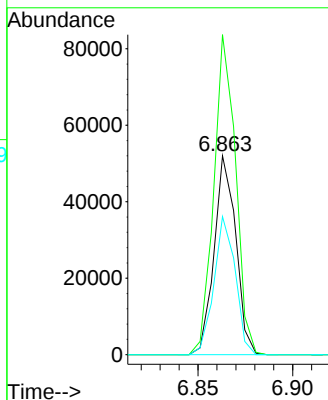
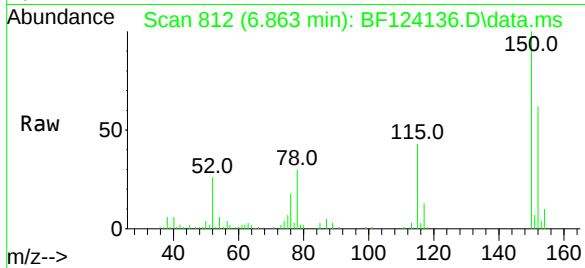




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

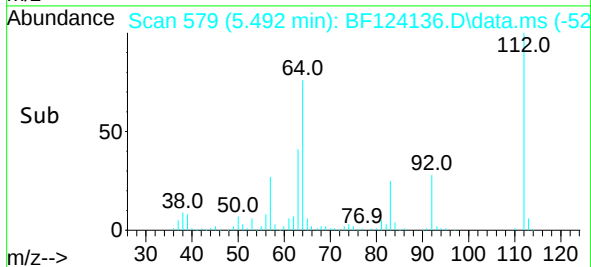
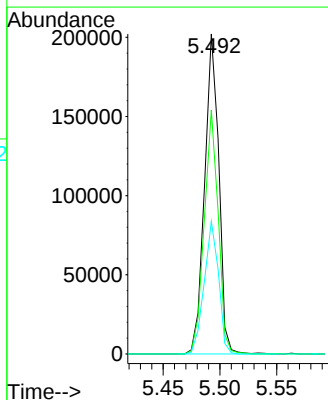
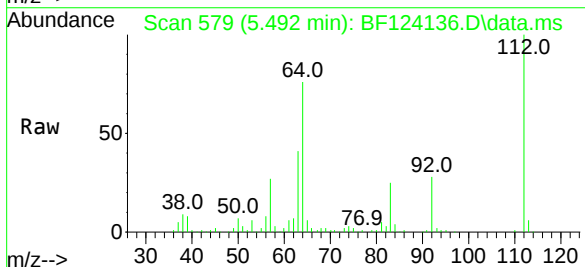
Instrument :
BNA_F
ClientSampleId :
54-57S

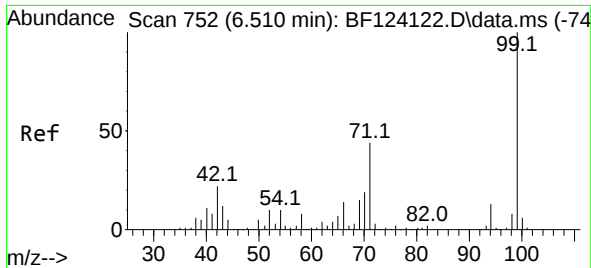
Tgt Ion:152 Resp: 41359
Ion Ratio Lower Upper
152 100
150 160.9 127.0 190.6
115 69.5 54.3 81.5



#5
2-Fluorophenol
Concen: 63.873 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:112 Resp: 175490
Ion Ratio Lower Upper
112 100
64 76.2 61.4 92.0
63 41.4 33.0 49.4

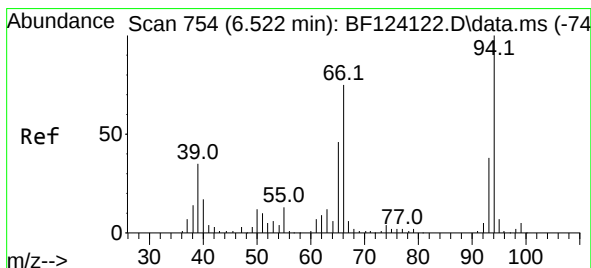
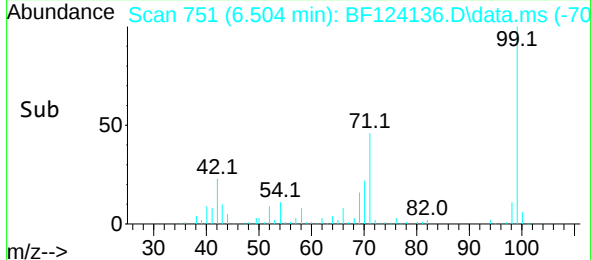
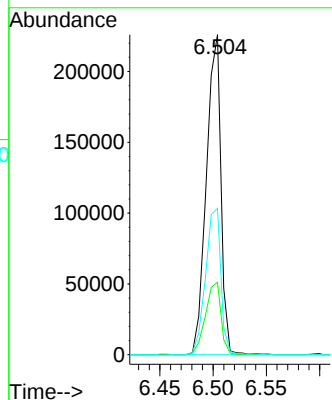
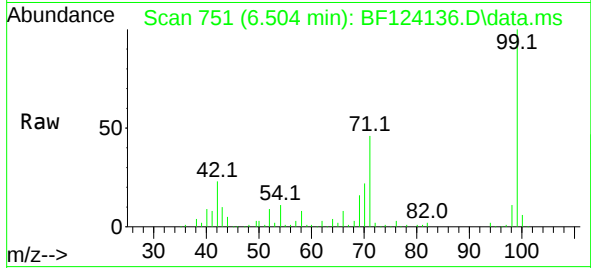




#7
Phenol-d6
Concen: 58.420 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

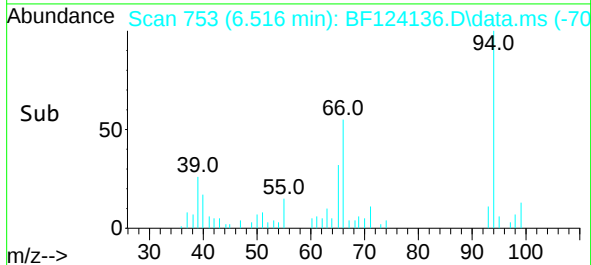
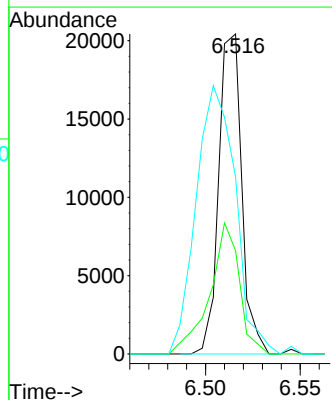
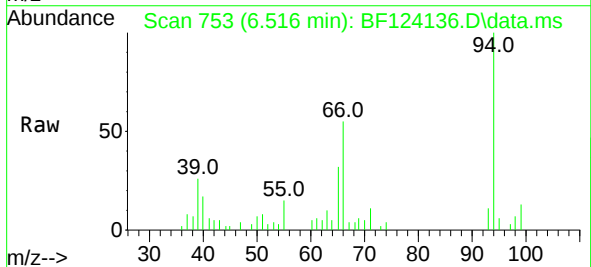
Instrument :
BNA_F
ClientSampleId :
54-57S

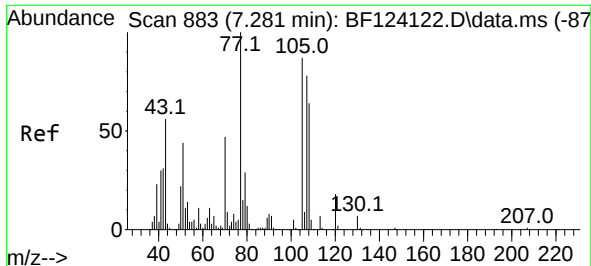
Tgt Ion: 99 Resp: 215746
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.8
71 45.7 31.1 46.7



#10
Phenol
Concen: 4.330 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

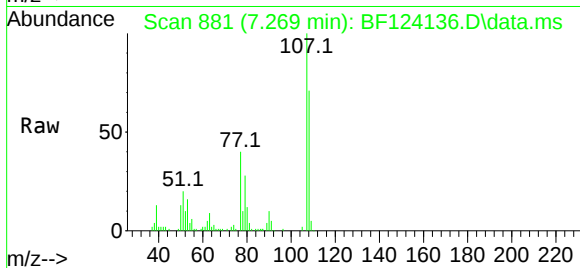
Tgt Ion: 94 Resp: 17282
Ion Ratio Lower Upper
94 100
65 32.3 18.1 58.1
66 55.3 29.0 69.0



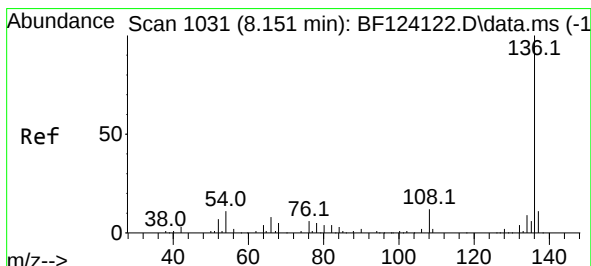
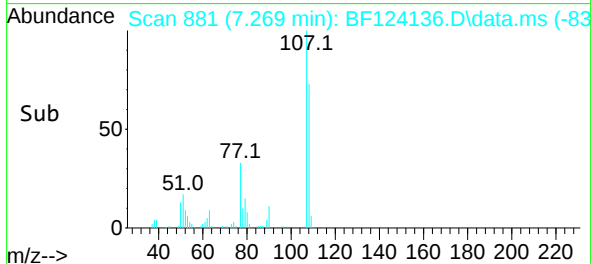
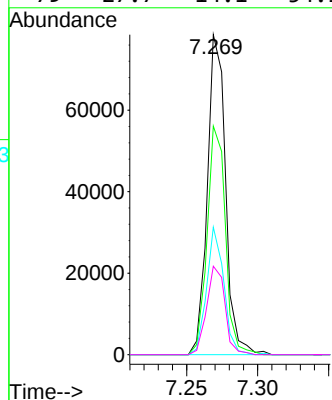


#20
3+4-Methylphenols
Concen: 21.360 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Instrument :
BNA_F
ClientSampled :
54-57S

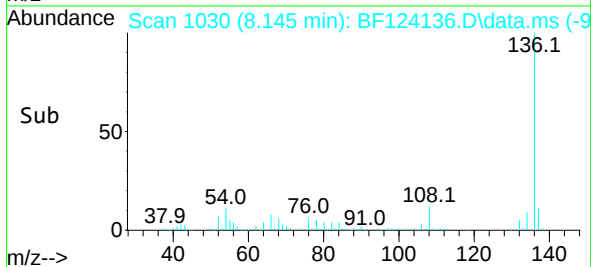
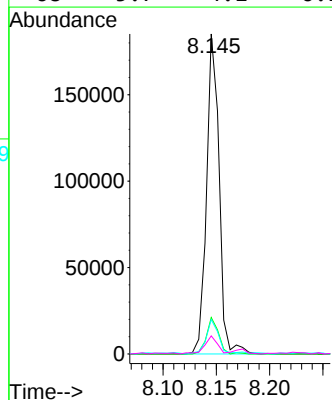
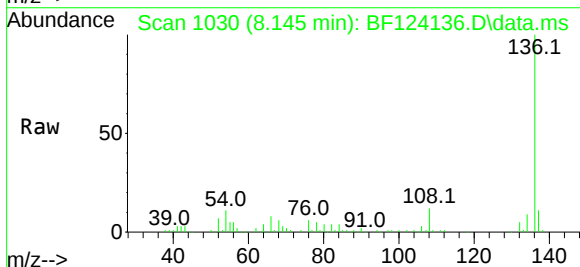


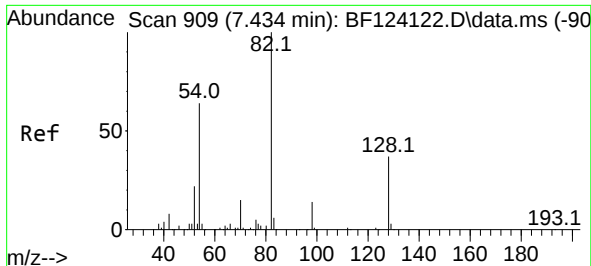
Tgt Ion:107 Resp: 70337
Ion Ratio Lower Upper
107 100
108 71.5 71.5 111.5#
77 39.8 82.0 122.0#
79 27.7 14.1 54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:136 Resp: 152495
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.8 9.8 14.6
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 41.519 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF124136.D

Acq: 4 Jun 2021 13:09

Instrument :

BNA_F

ClientSampleId :

54-57S

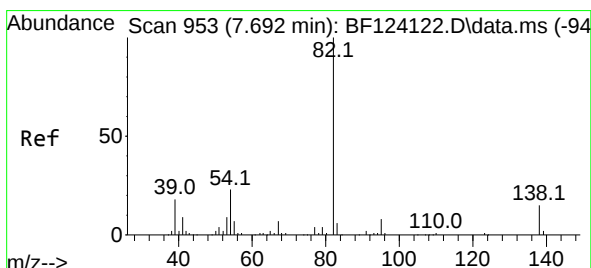
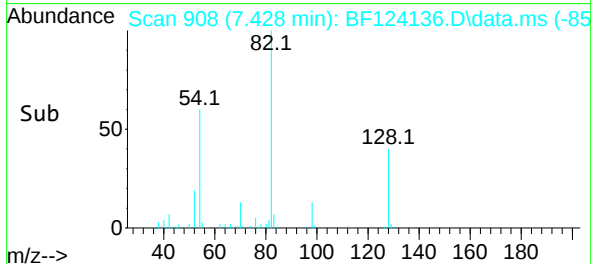
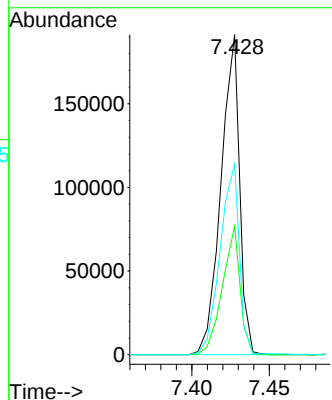
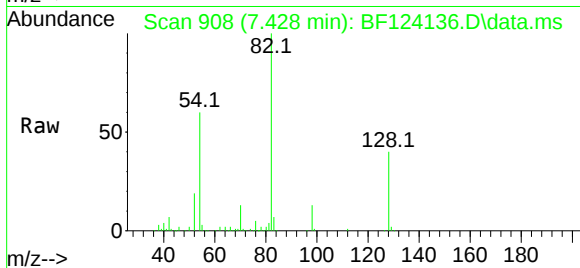
Tgt Ion: 82 Resp: 159636

Ion Ratio Lower Upper

82 100

128 40.2 29.4 44.2

54 59.5 54.1 81.1



#25

Isophorone

Concen: 23.040 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.265 min

Lab File: BF124136.D

Acq: 4 Jun 2021 13:09

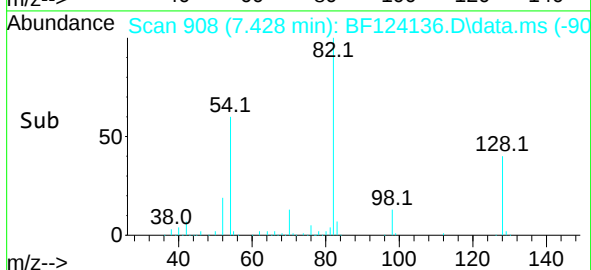
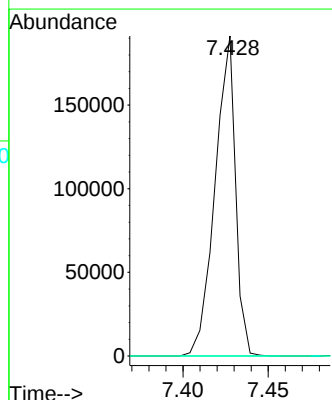
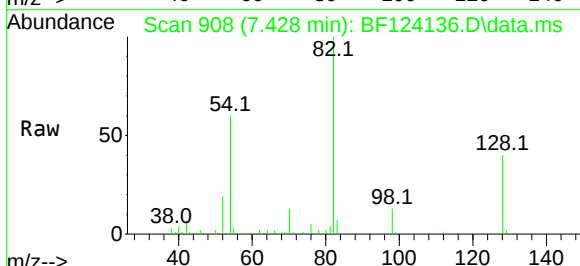
Tgt Ion: 82 Resp: 159632

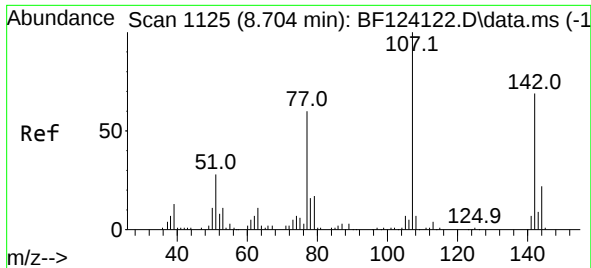
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

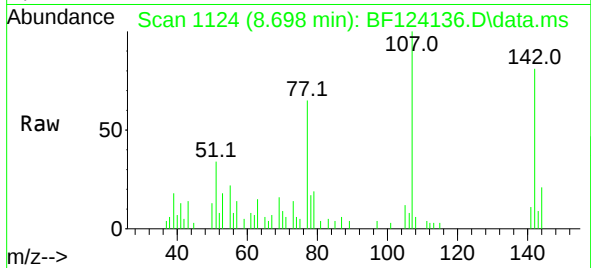
138 0.0 11.8 17.8#



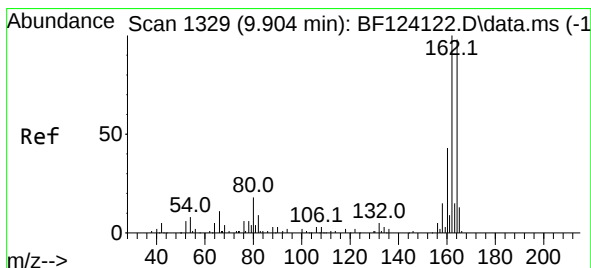
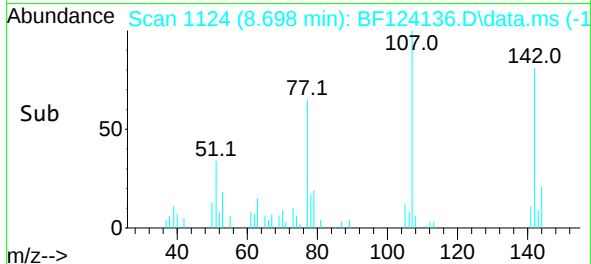
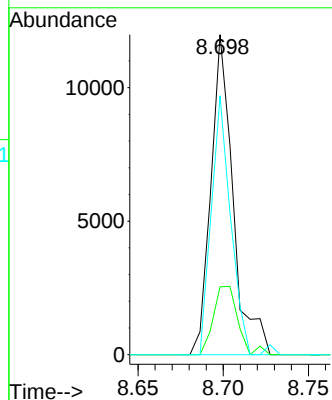


#36
4-Chloro-3-methylphenol
Concen: 3.532 ng
RT: 8.698 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Instrument :
BNA_F
ClientSampled :
54-57S

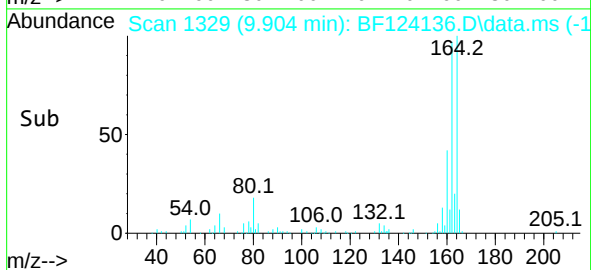
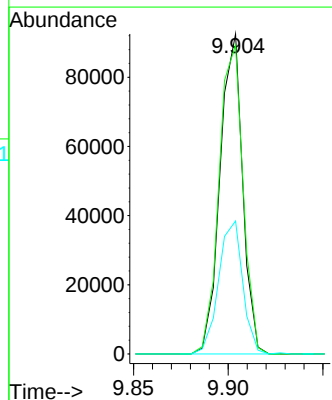
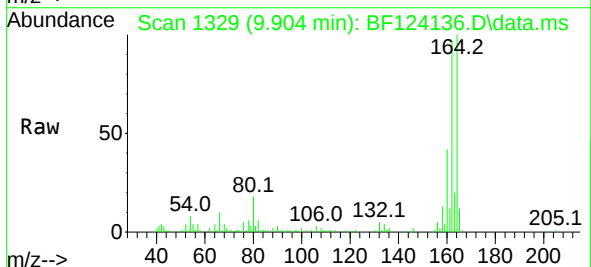


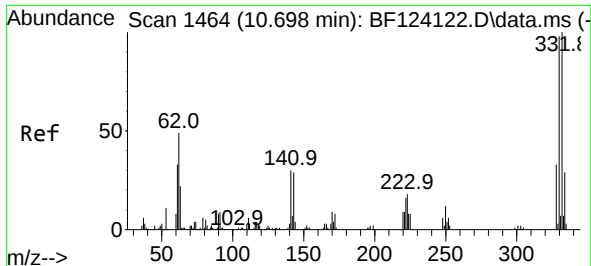
Tgt Ion:107 Resp: 10863
Ion Ratio Lower Upper
107 100
144 21.2 16.3 24.5
142 80.9 50.1 75.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

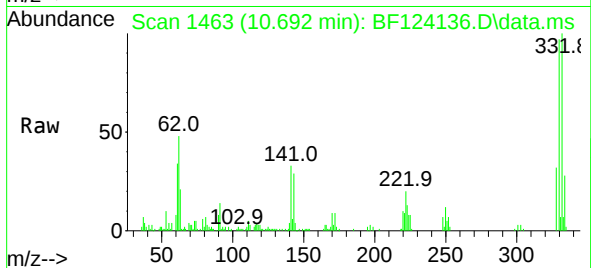
Tgt Ion:164 Resp: 76394
Ion Ratio Lower Upper
164 100
162 96.6 80.7 121.1
160 41.6 37.3 55.9



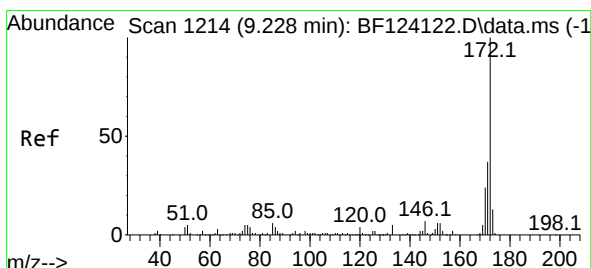
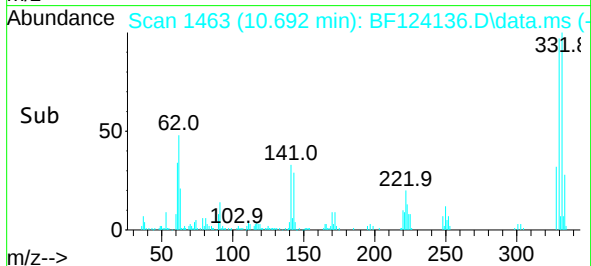
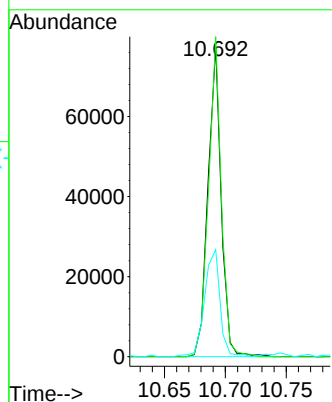


#42
2,4,6-Tribromophenol
Concen: 54.072 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Instrument :
BNA_F
ClientSampleId :
54-57S

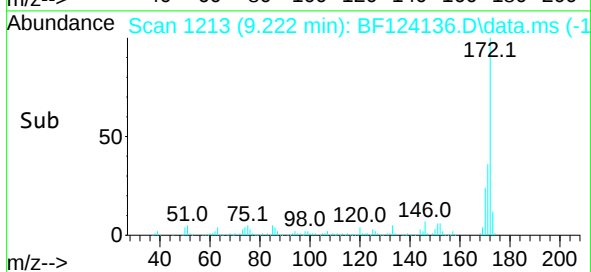
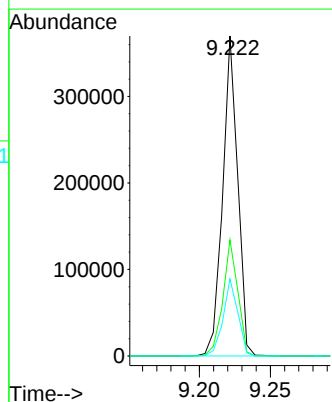
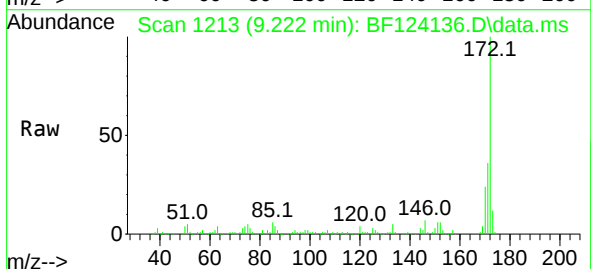


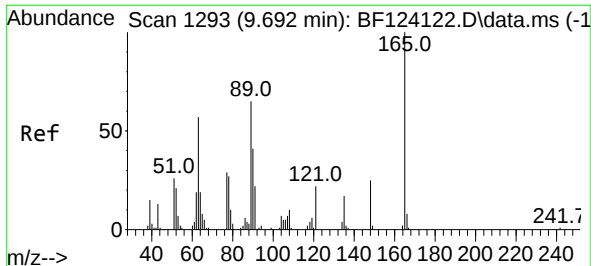
Tgt Ion: 330 Resp: 58523
Ion Ratio Lower Upper
330 100
332 100.0 77.1 115.7
141 40.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 44.723 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion: 172 Resp: 271511
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 24.1 19.2 28.8

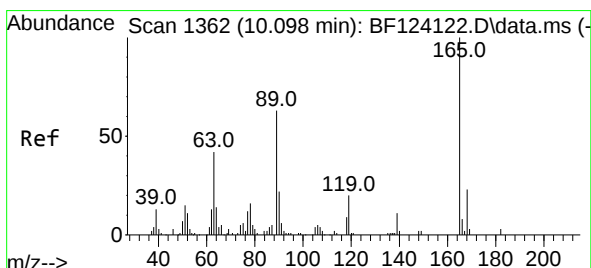
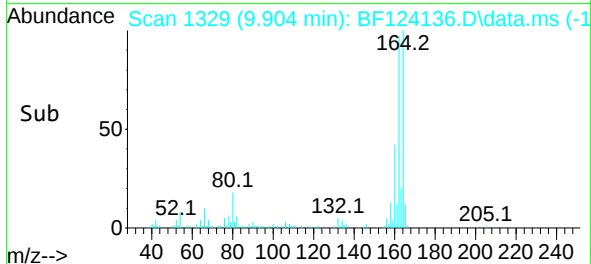
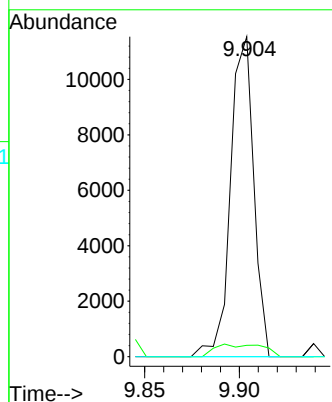
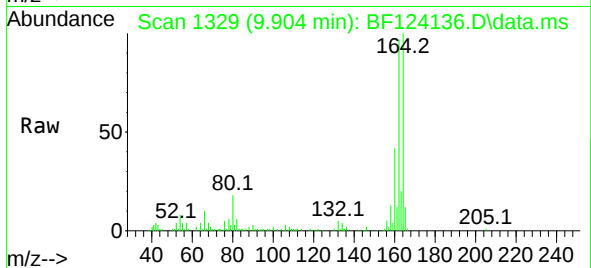




#51
2,6-Dinitrotoluene
Concen: 6.765 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

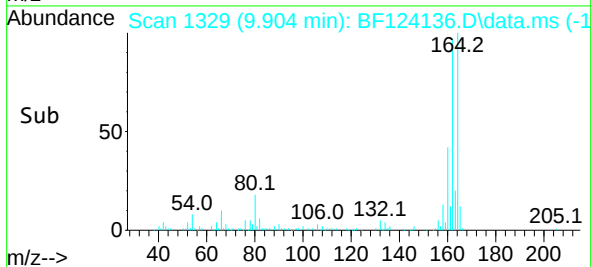
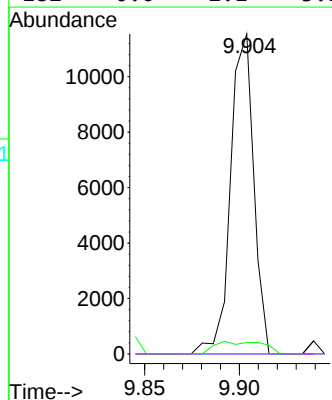
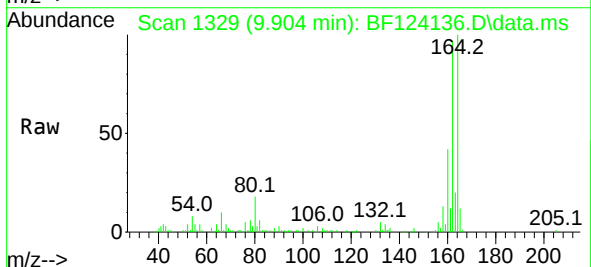
Instrument :
BNA_F
ClientSampled :
54-57S

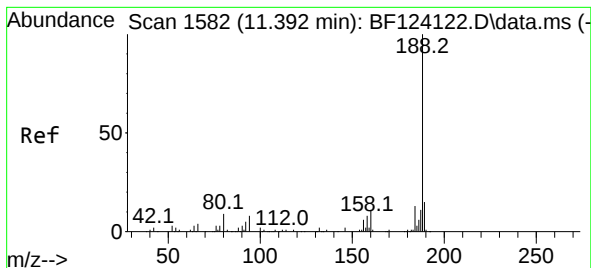
Tgt Ion:165 Resp: 9804
Ion Ratio Lower Upper
165 100
63 3.6 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.130 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:165 Resp: 9804
Ion Ratio Lower Upper
165 100
63 3.6 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

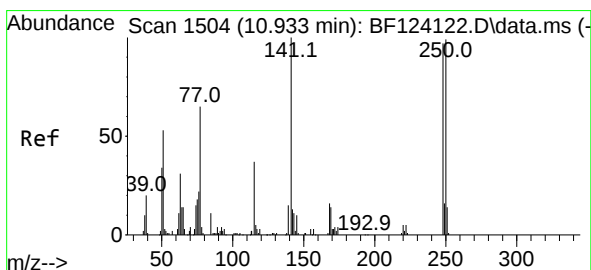
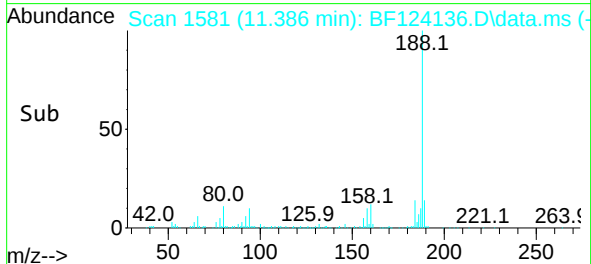
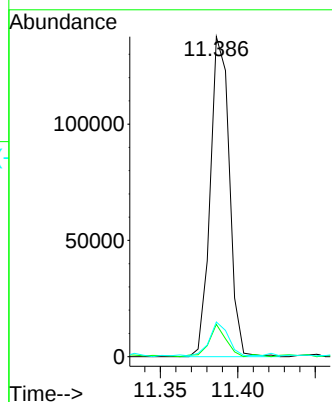
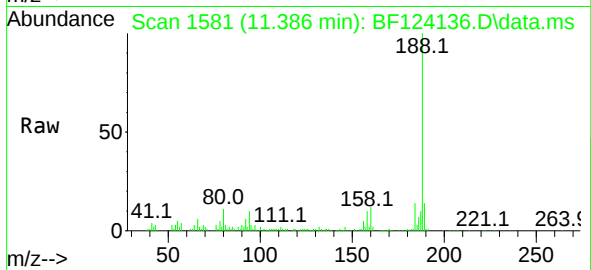




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

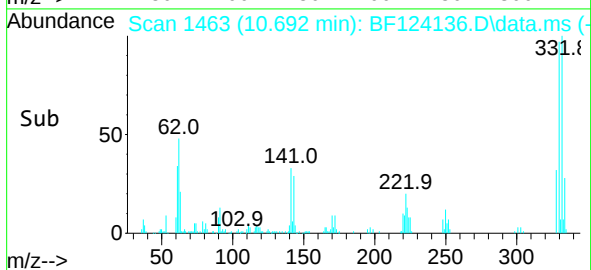
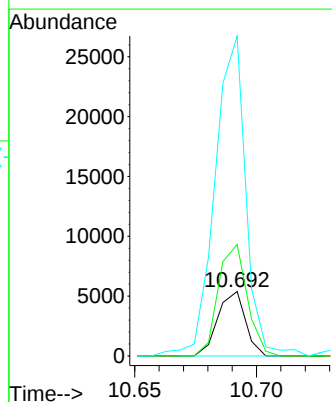
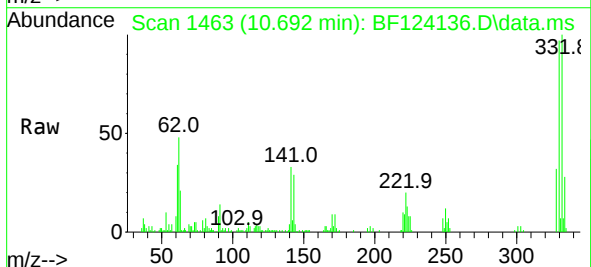
Instrument :
BNA_F
ClientSampleId :
54-57S

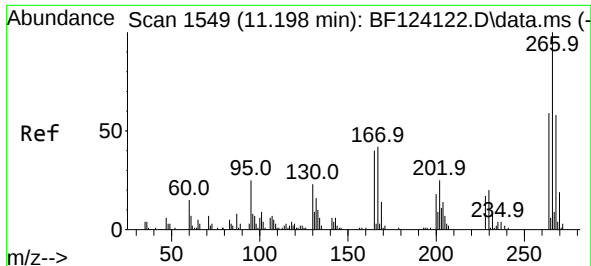
Tgt Ion:188 Resp: 117886
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 10.9 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.626 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:248 Resp: 4249
Ion Ratio Lower Upper
248 100
250 172.9 77.4 116.2#
141 496.3 63.7 95.5#

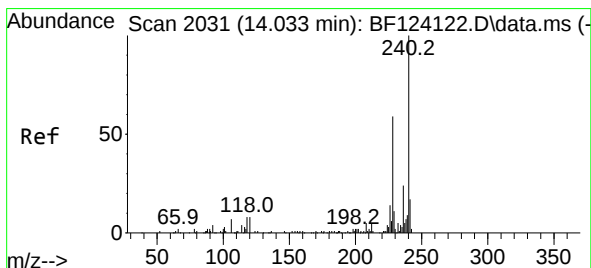
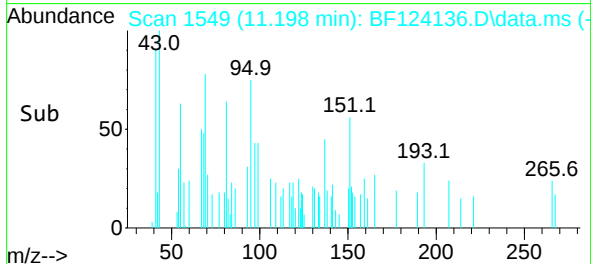
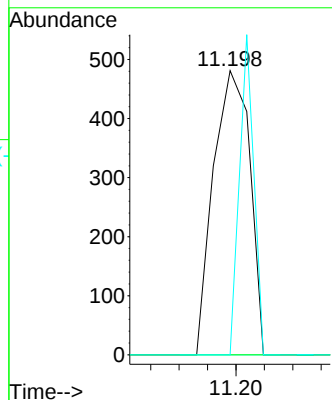
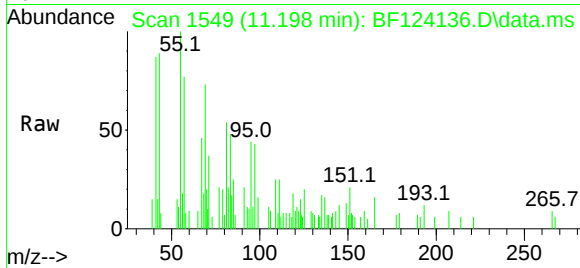




#70
 Pentachlorophenol
 Concen: 5.082 ng
 RT: 11.198 min Scan# 1549
 Delta R.T. -0.000 min
 Lab File: BF124136.D
 Acq: 4 Jun 2021 13:09

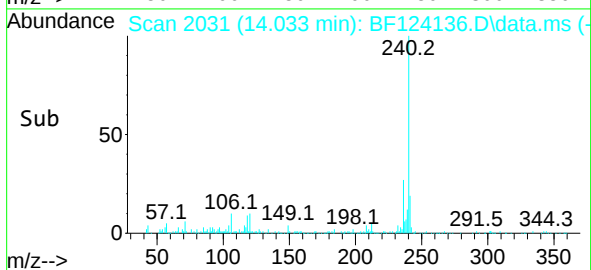
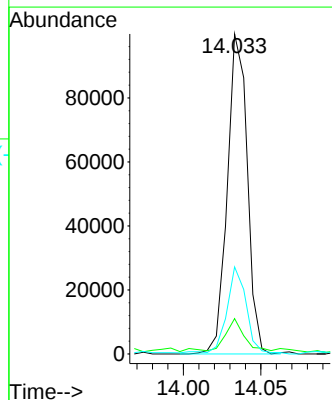
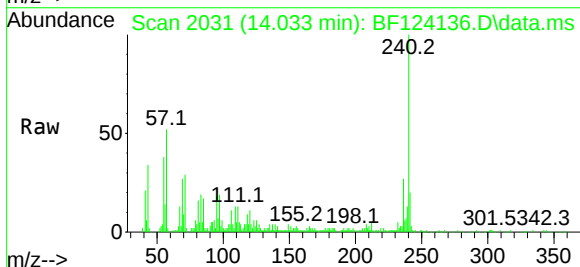
Instrument :
 BNA_F
 ClientSampleId :
 54-57S

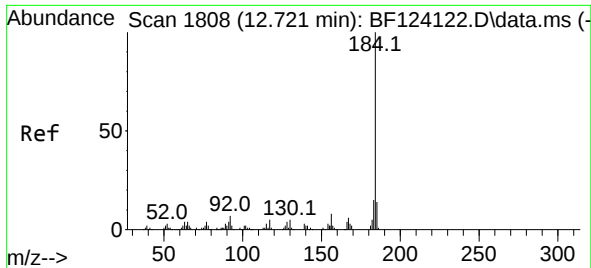
Tgt Ion:266 Resp: 428
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.6 77.4#
 264 0.0 52.6 78.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.033 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: BF124136.D
 Acq: 4 Jun 2021 13:09

Tgt Ion:240 Resp: 89546
 Ion Ratio Lower Upper
 240 100
 120 11.0 7.2 10.8#
 236 27.2 19.0 28.4

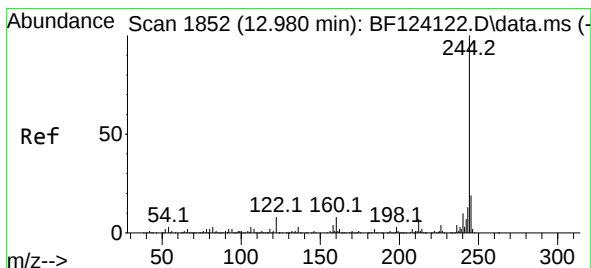
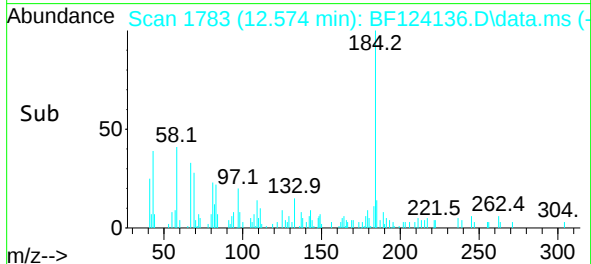
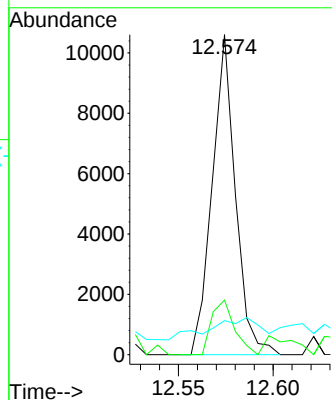
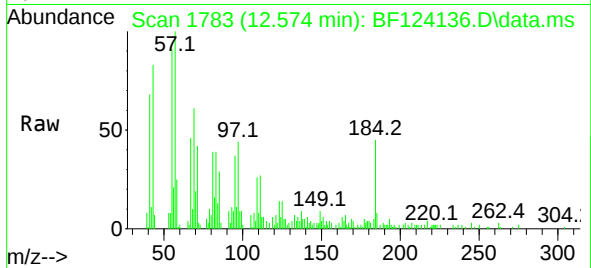




#77
Benzidine
Concen: 8.032 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.147 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

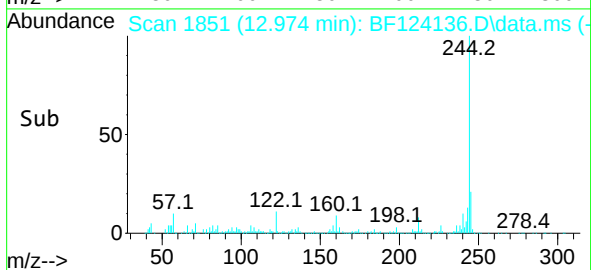
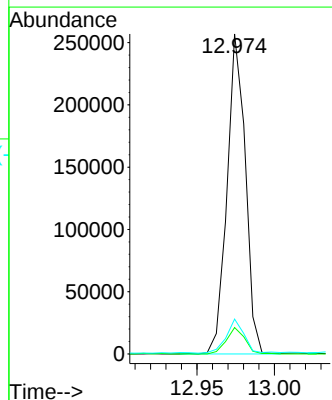
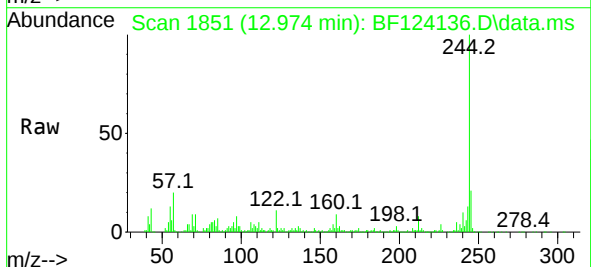
Instrument :
BNA_F
ClientSampleId :
54-57S

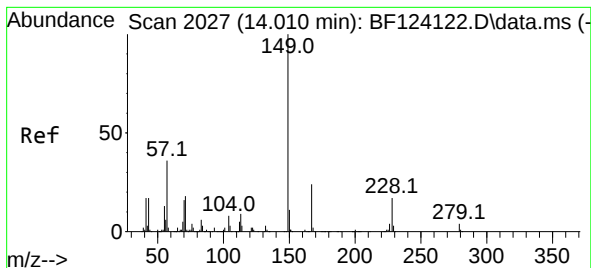
Tgt Ion:184	Resp:	9055
Ion Ratio	Lower	Upper
184	100	
185	17.0	12.1 18.1
183	10.6	7.8 11.8



#79
Terphenyl-d14
Concen: 32.358 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:244	Resp:	211045
Ion Ratio	Lower	Upper
244	100	
212	8.3	5.7 8.5
122	10.9	9.7 14.5

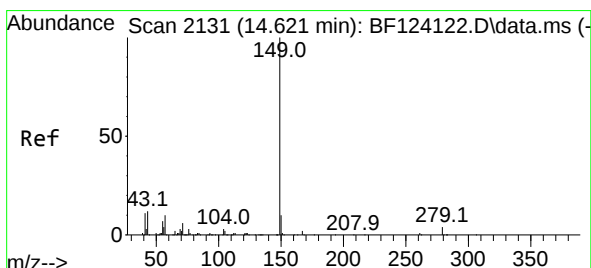
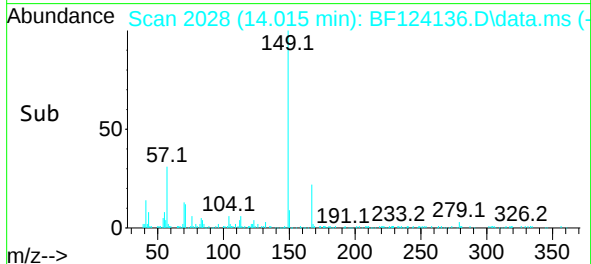
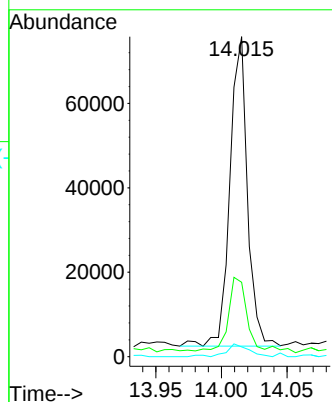
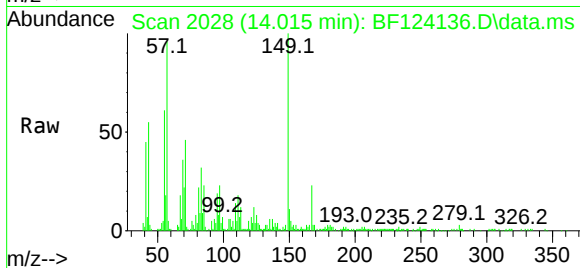




#84
Bis(2-ethylhexyl)phthalate
Concen: 16.451 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

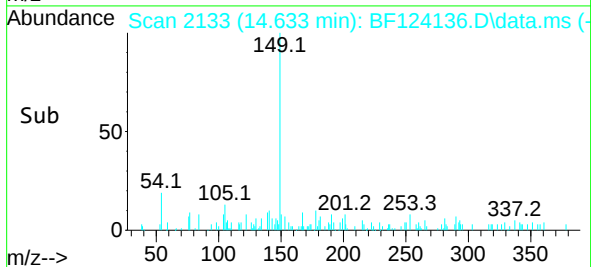
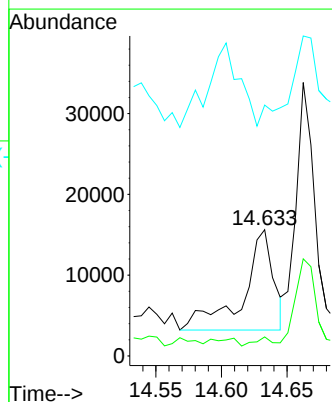
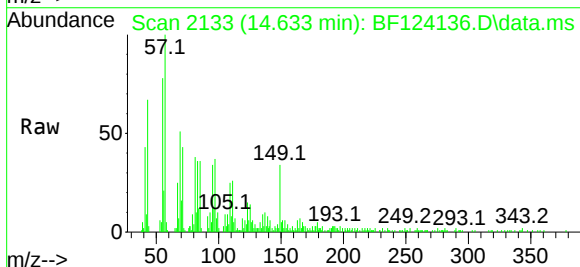
Instrument :
BNA_F
ClientSampleId :
54-57S

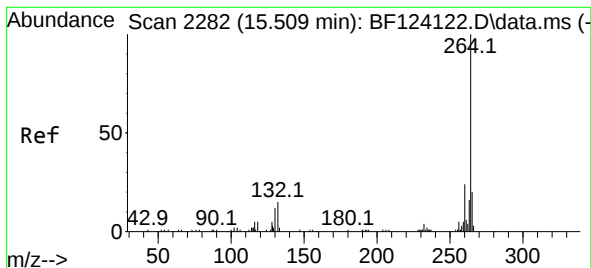
Tgt Ion:149 Resp: 68259
Ion Ratio Lower Upper
149 100
167 23.3 21.8 32.6
279 3.0 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 3.626 ng
RT: 14.633 min Scan# 2133
Delta R.T. 0.012 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:149 Resp: 20078
Ion Ratio Lower Upper
149 100
167 5.1 1.2 1.8#
43 0.0 11.8 17.6#

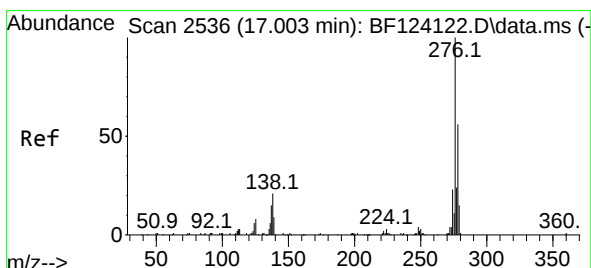
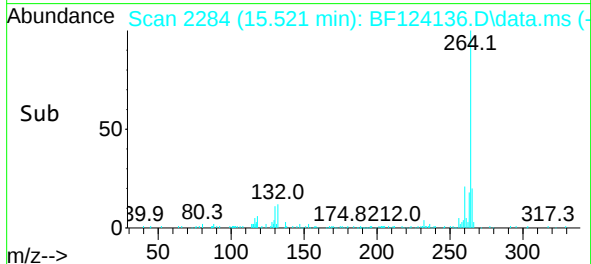
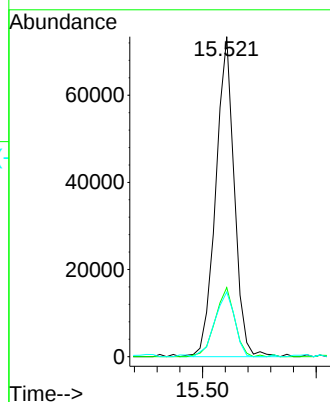
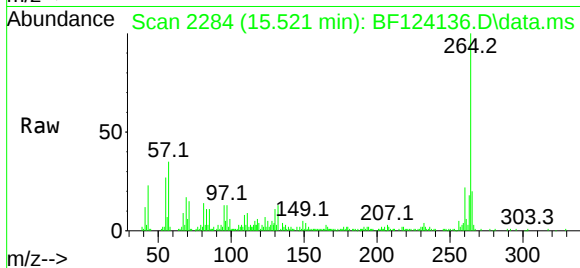




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

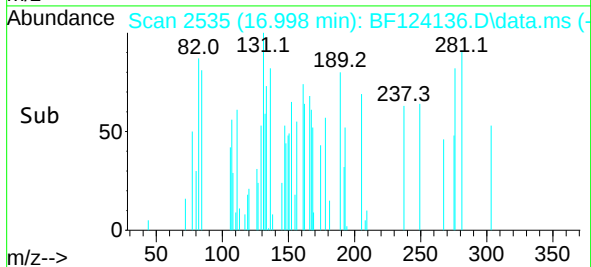
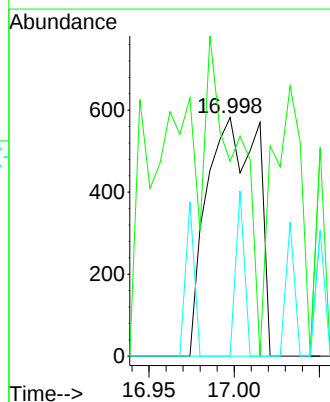
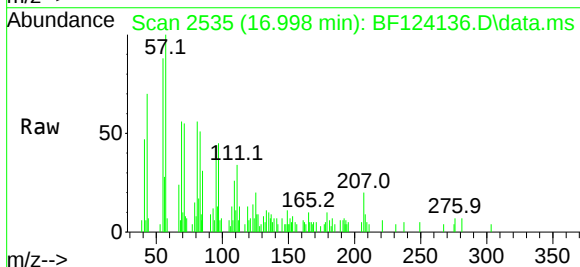
Instrument :
BNA_F
ClientSampleId :
54-57S

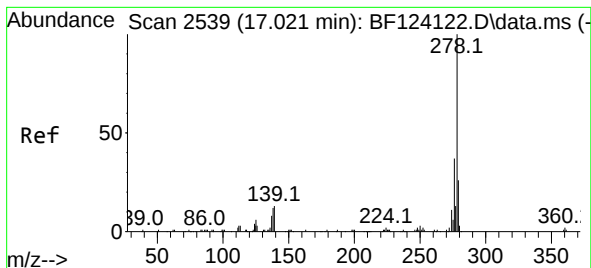
Tgt Ion:264	Resp:	83151
Ion Ratio	Lower	Upper
264	100	
260	21.6	18.7 28.1
265	20.2	17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.493 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:276	Resp:	1198
Ion Ratio	Lower	Upper
276	100	
138	83.1	16.2 24.2#
277	11.9	20.1 30.1#

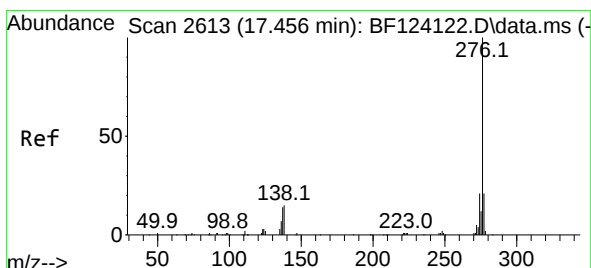
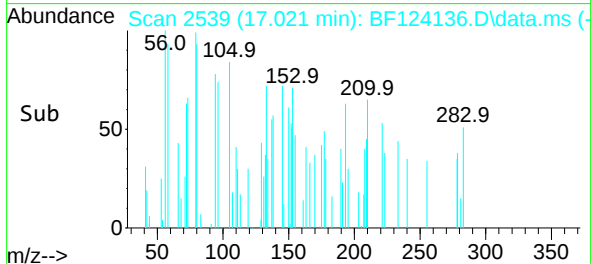
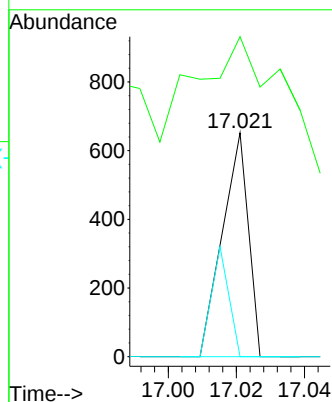
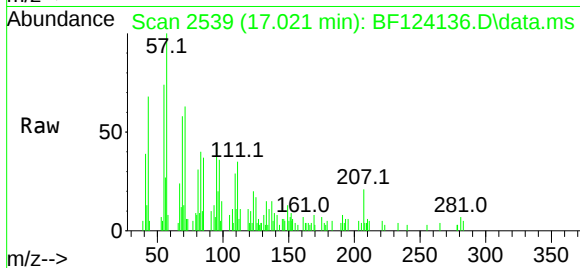




#91
Dibenzo(a,h)anthracene
Concen: 4.228 ng
RT: 17.021 min Scan# 2539
Delta R.T. 0.000 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Instrument :
BNA_F
ClientSampled :
54-57S

Tgt Ion:278 Resp: 345
Ion Ratio Lower Upper
278 100
139 142.9 10.2 15.2#
279 0.0 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 3.826 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.024 min
Lab File: BF124136.D
Acq: 4 Jun 2021 13:09

Tgt Ion:276 Resp: 121
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 0.0 13.8 20.6#

