

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124453.D
 Acq On : 25 Jun 2021 15:55
 Operator : JU/CG
 Sample : M2812-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 356-349

Quant Time: Jun 25 16:54:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 13:23:23 2021
 Response via : Initial Calibration

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

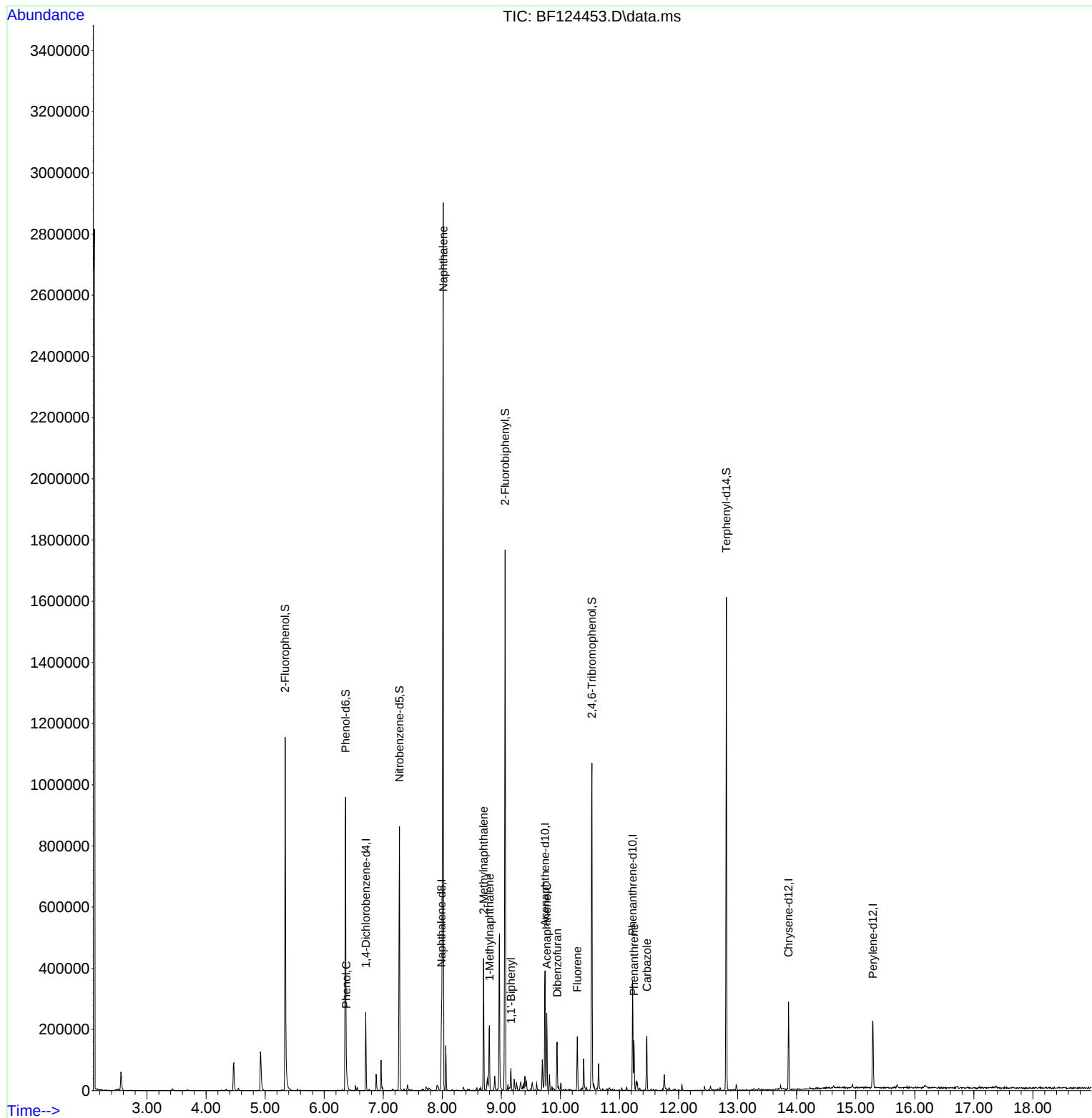
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	32610	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	123015	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	69776	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	119867	20.000	ng	0.00
76) Chrysene-d12	13.863	240	85400	20.000	ng	0.00
86) Perylene-d12	15.292	264	91324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	270182	130.301	ng	0.01
7) Phenol-d6	6.363	99	304582	112.501	ng	0.00
23) Nitrobenzene-d5	7.275	82	260566	87.825	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	116731	140.026	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	513928	90.225	ng	0.00
79) Terphenyl-d14	12.810	244	468084	82.095	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.375	94	5907	2.018	ng	77
31) Naphthalene	8.016	128	1274294	176.071	ng	98
37) 2-Methylnaphthalene	8.698	142	91759	17.916	ng	87
38) 1-Methylnaphthalene	8.798	142	53089	11.145	ng	97
46) 1,1'-Biphenyl	9.163	154	20827	3.512	ng	94
52) Acenaphthene	9.769	154	50660	11.378	ng	95
55) Dibenzofuran	9.945	168	54906	7.737	ng	96
58) Fluorene	10.286	166	41668	7.642	ng	99
71) Phenanthrene	11.245	178	53801	7.120	ng	97
73) Carbazole	11.463	167	66942	10.202	ng	98

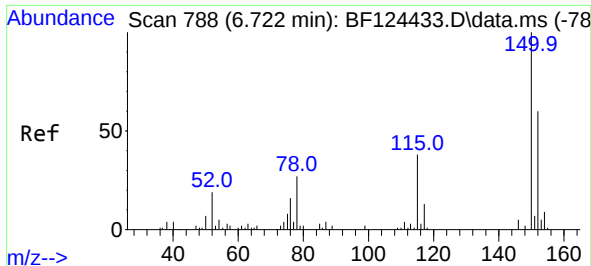
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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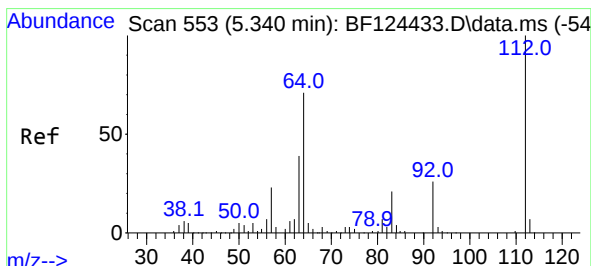
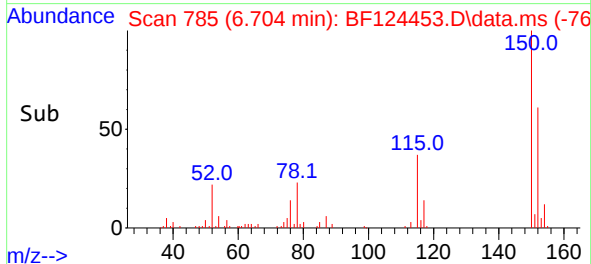
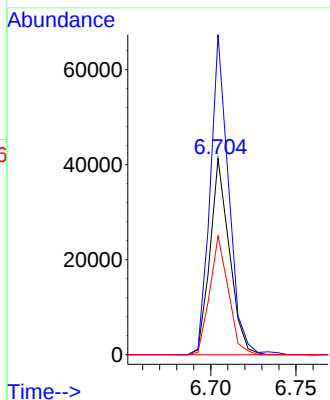
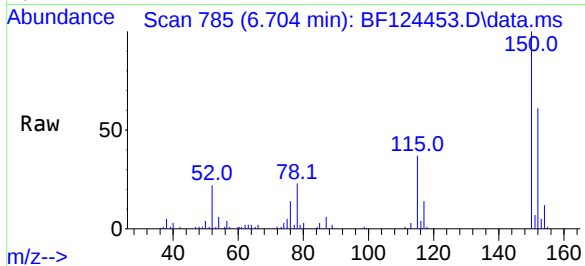




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

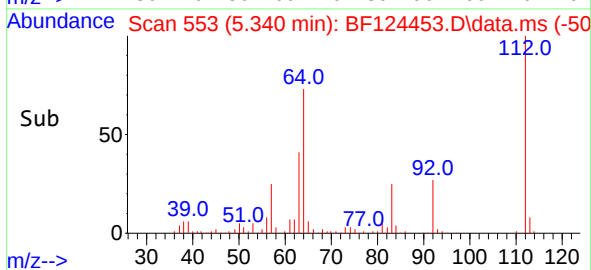
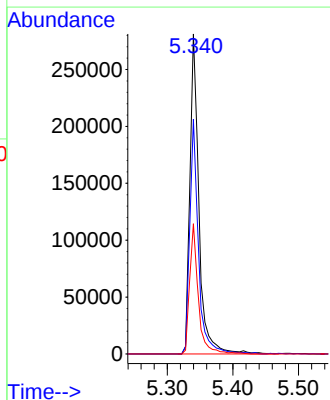
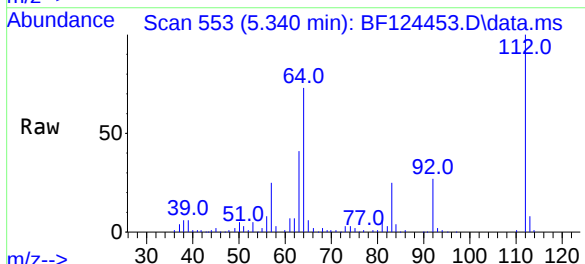
Instrument :
BNA_F
ClientSampleId :
356-349

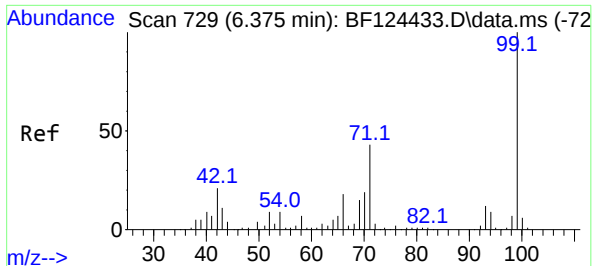
Tgt Ion:152 Resp: 32610
Ion Ratio Lower Upper
152 100
150 163.1 127.0 190.6
115 60.5 54.3 81.5



#5
2-Fluorophenol
Concen: 130.301 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Tgt Ion:112 Resp: 270182
Ion Ratio Lower Upper
112 100
64 73.3 61.4 92.0
63 40.7 33.0 49.4

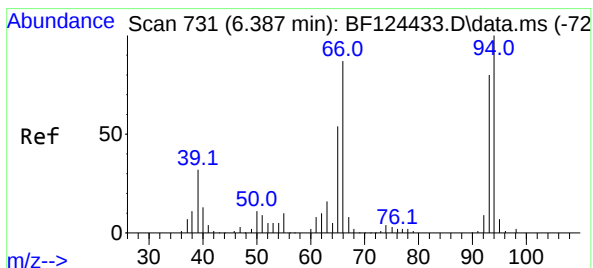
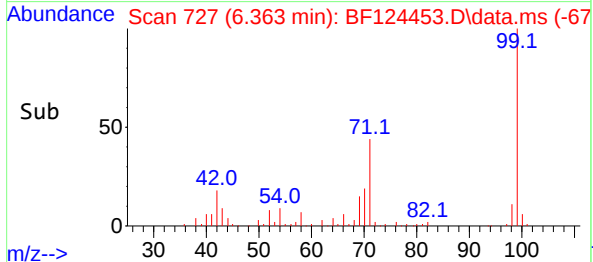
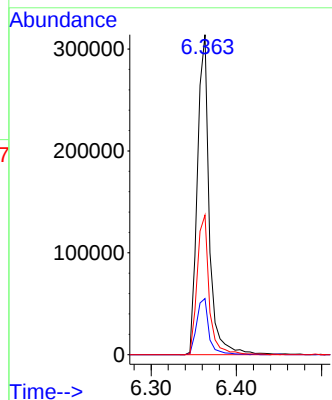
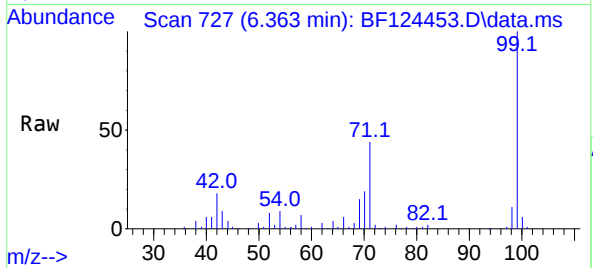




#7
Phenol-d6
Concen: 112.501 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

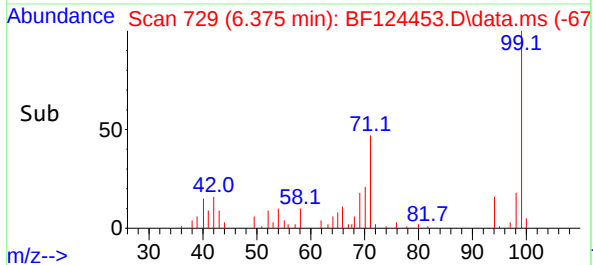
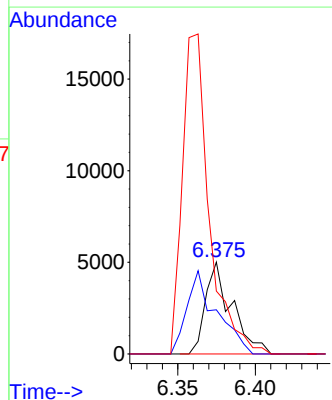
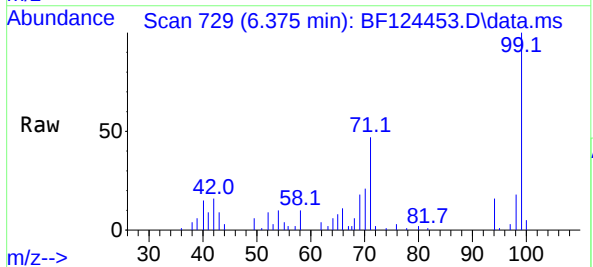
Instrument :
BNA_F
ClientSampleId :
356-349

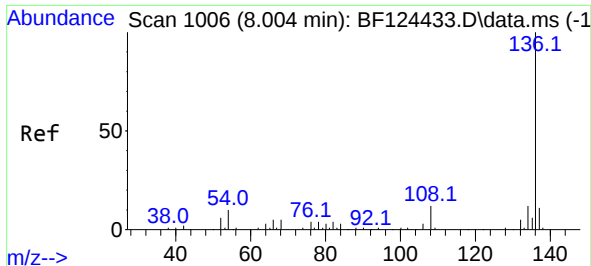
Tgt Ion: 99 Resp: 304582
Ion Ratio Lower Upper
99 100
42 17.5 19.8 29.8#
71 43.6 31.1 46.7



#10
Phenol
Concen: 2.018 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Tgt Ion: 94 Resp: 5907
Ion Ratio Lower Upper
94 100
65 48.1 18.1 58.1
66 68.5 29.0 69.0

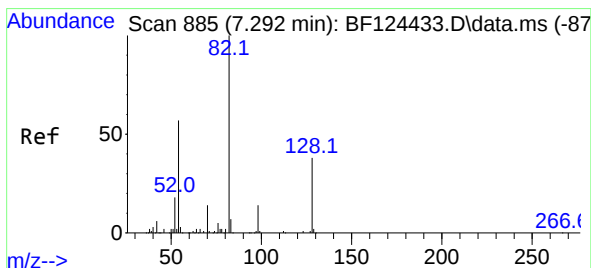
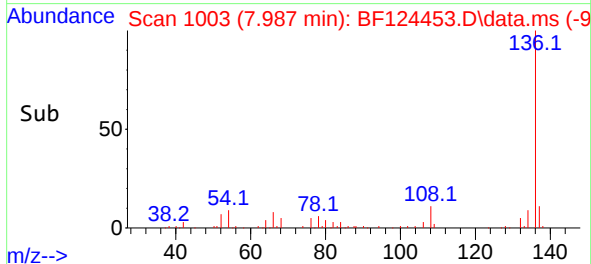
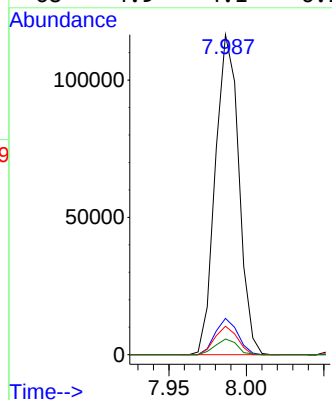
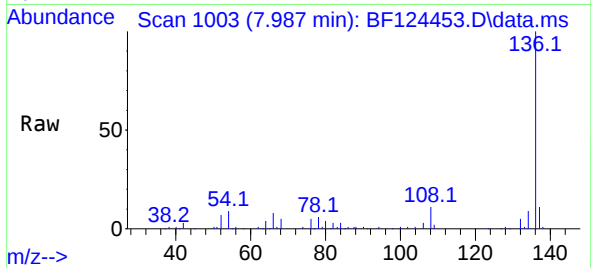




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

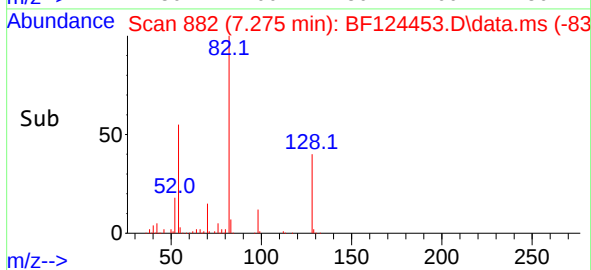
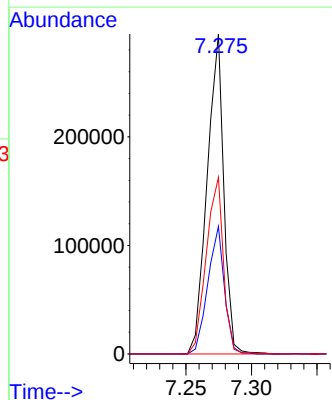
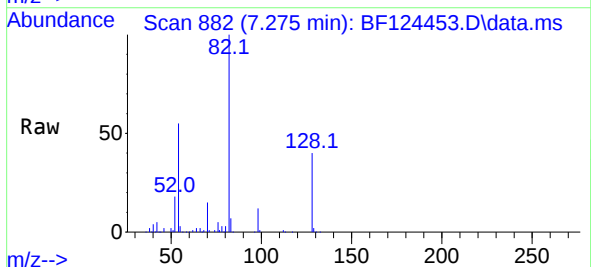
Instrument :
BNA_F
ClientSampleId :
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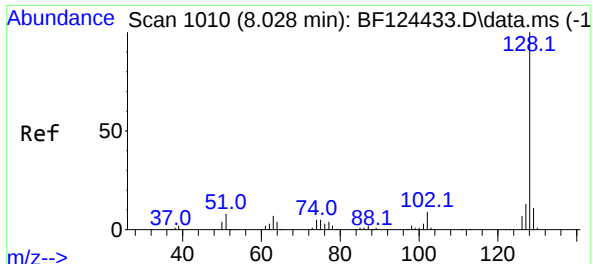
Tgt Ion:136	Resp: 123015
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 8.9	9.8 14.6#
68 4.9	4.1 6.1



#23
Nitrobenzene-d5
Concen: 87.825 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Tgt Ion: 82	Resp: 260566
Ion Ratio	Lower Upper
82 100	
128 39.9	29.4 44.2
54 55.2	54.1 81.1



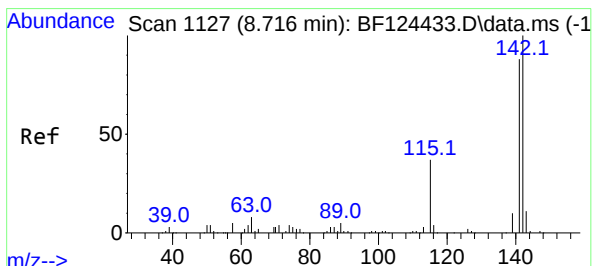
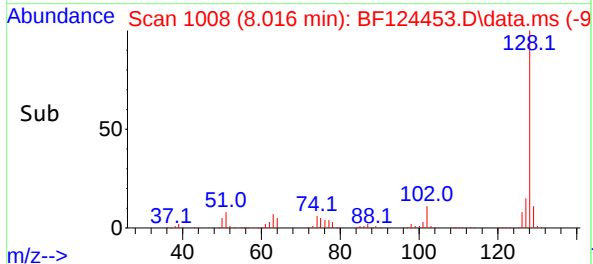
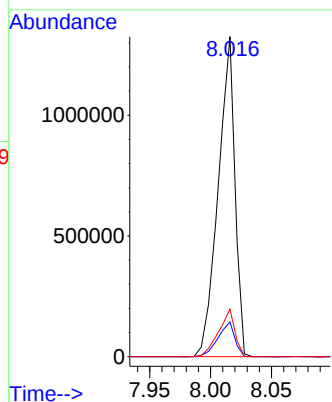
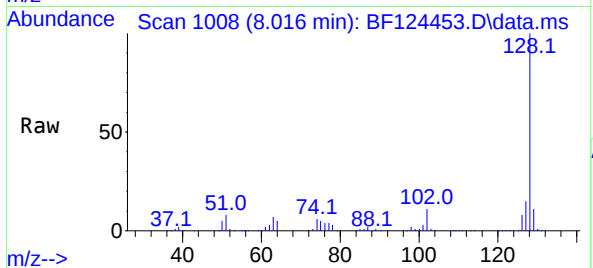


#31
Naphthalene
Concen: 176.071 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:128 Resp: 1274294

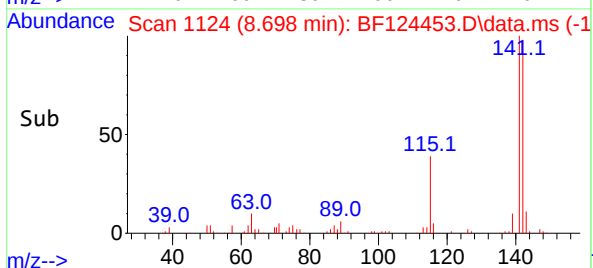
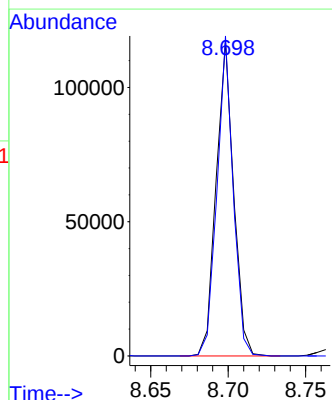
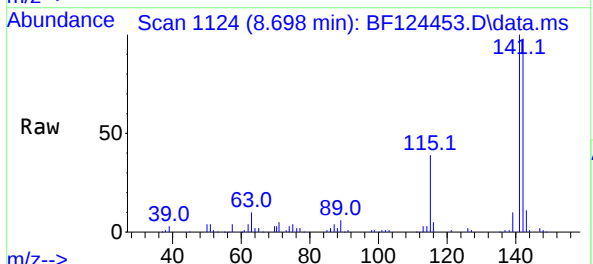
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	14.9	10.8	16.2

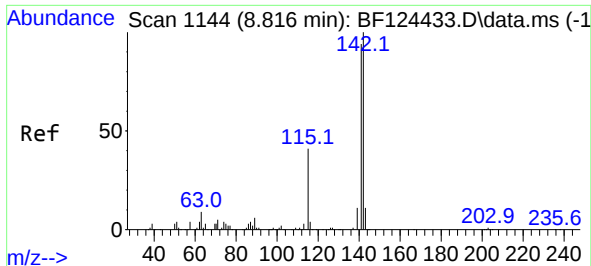


#37
2-Methylnaphthalene
Concen: 17.916 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Tgt Ion:142 Resp: 91759

Ion	Ratio	Lower	Upper
142	100		
141	101.8	71.8	107.6

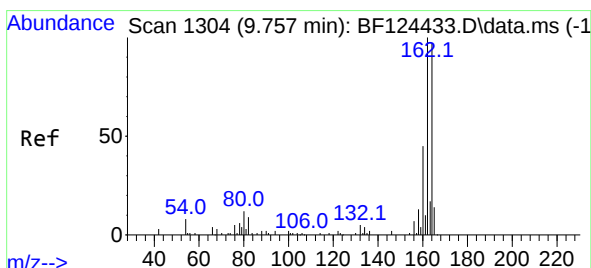
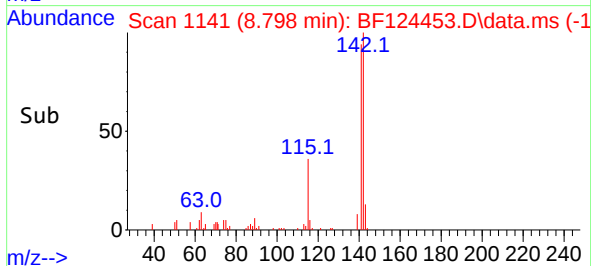
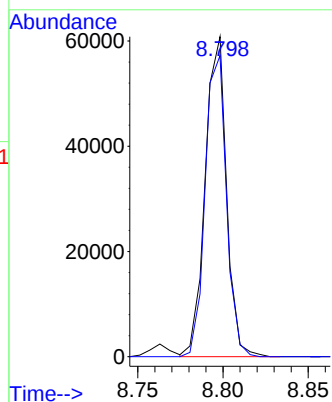
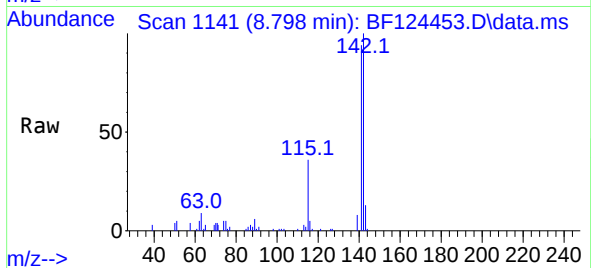




#38
1-Methylnaphthalene
Concen: 11.145 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

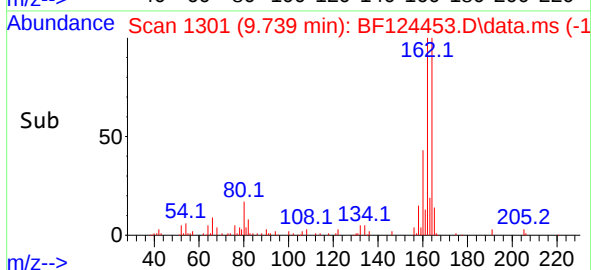
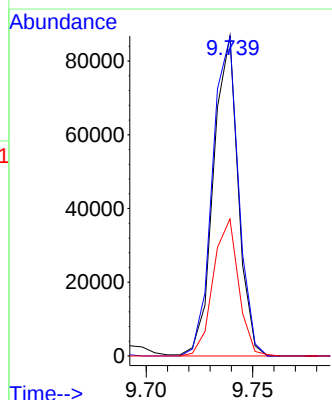
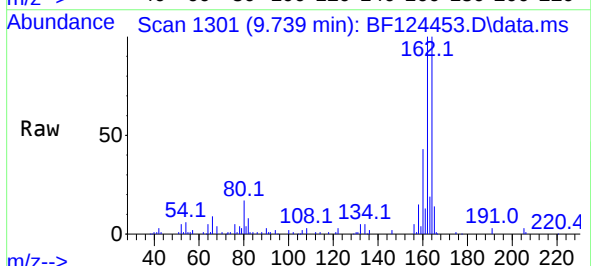
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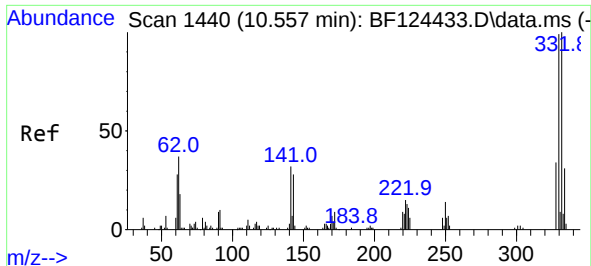
Tgt Ion:142 Resp: 53089
Ion Ratio Lower Upper
142 100
141 94.1 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Tgt Ion:164 Resp: 69776
Ion Ratio Lower Upper
164 100
162 99.7 80.7 121.1
160 42.8 37.3 55.9

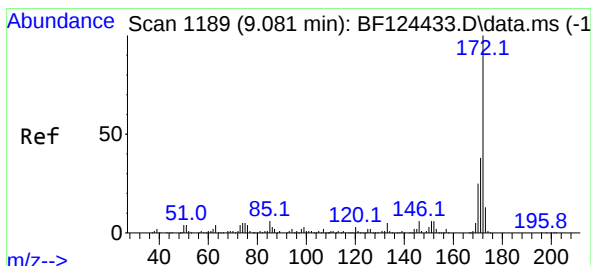
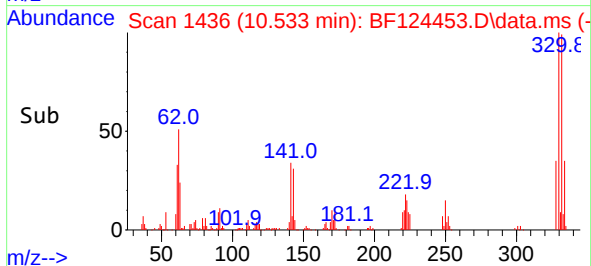
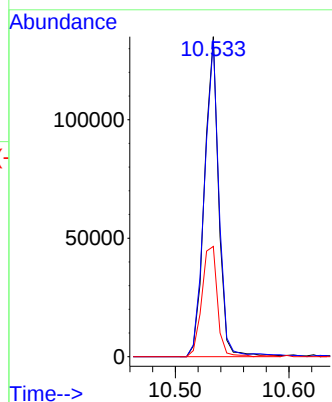
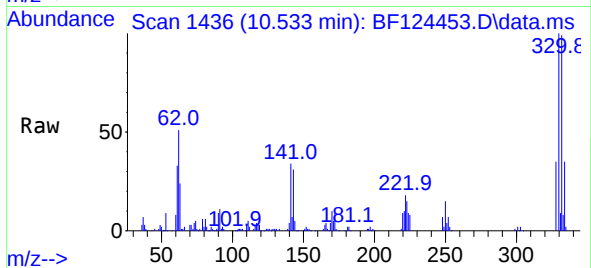




#42
2,4,6-Tribromophenol
Concen: 140.026 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

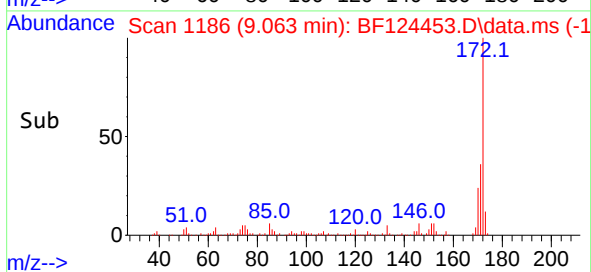
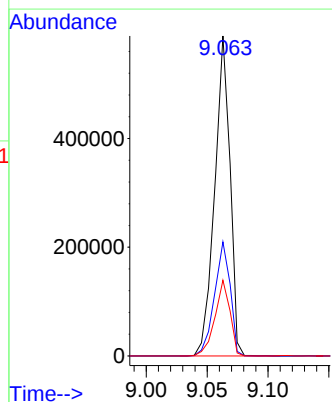
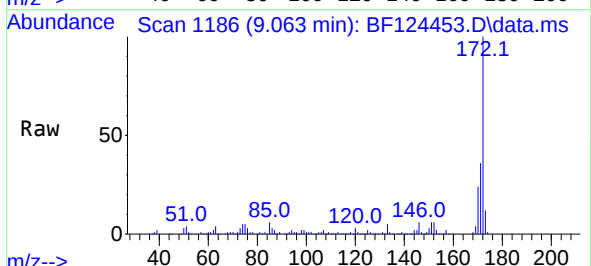
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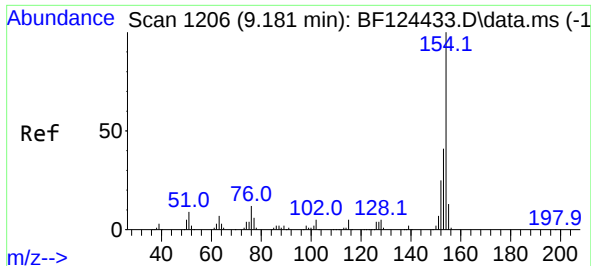
Tgt Ion: 330 Resp: 116731
Ion Ratio Lower Upper
330 100
332 102.2 77.1 115.7
141 37.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 90.225 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Tgt Ion: 172 Resp: 513928
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.7 19.2 28.8

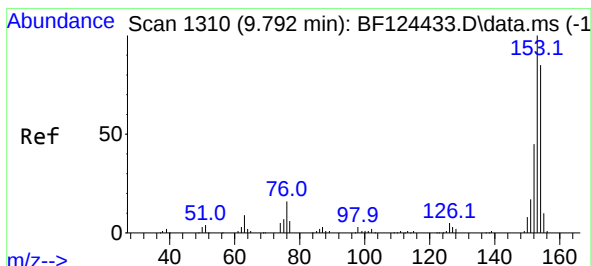
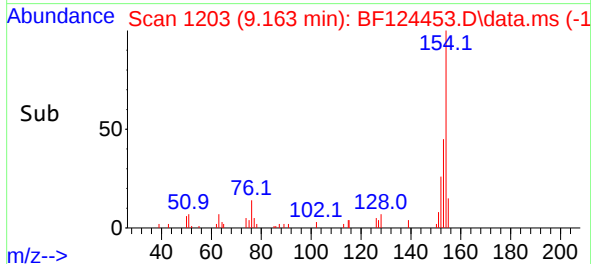
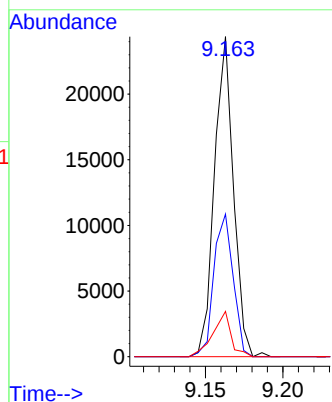
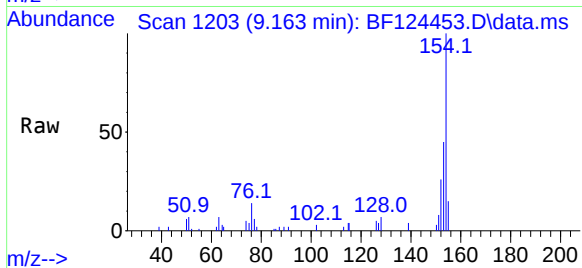




#46
1,1'-Biphenyl
Concen: 3.512 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

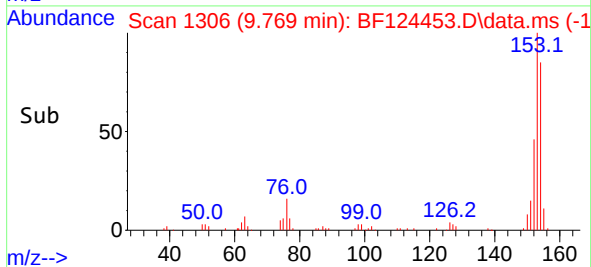
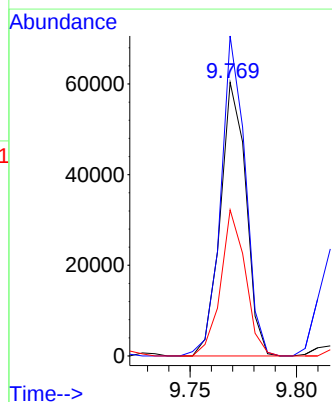
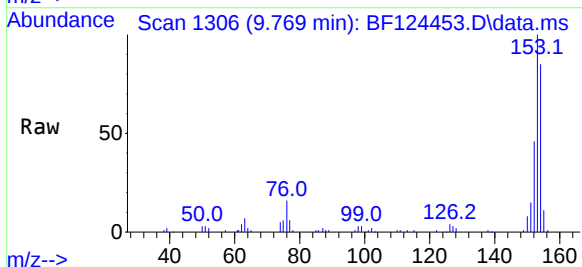
Instrument :
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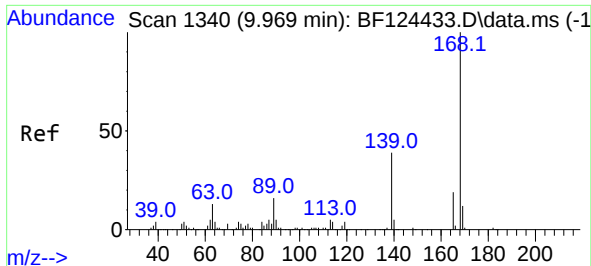
Tgt Ion:154 Resp: 20827
Ion Ratio Lower Upper
154 100
153 44.5 20.7 60.7
76 14.2 0.0 31.7



#52
Acenaphthene
Concen: 11.378 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Tgt Ion:154 Resp: 50660
Ion Ratio Lower Upper
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153 117.0 88.1 132.1
152 53.4 43.4 65.0

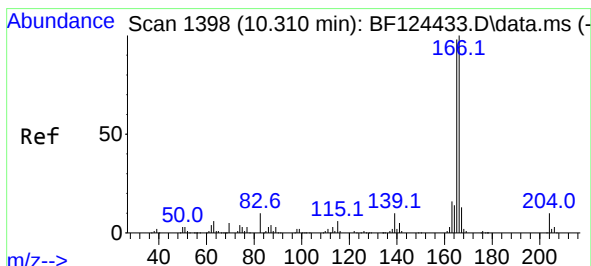
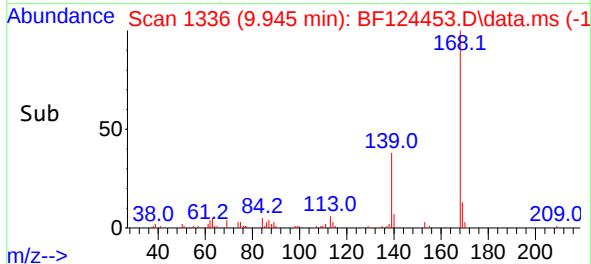
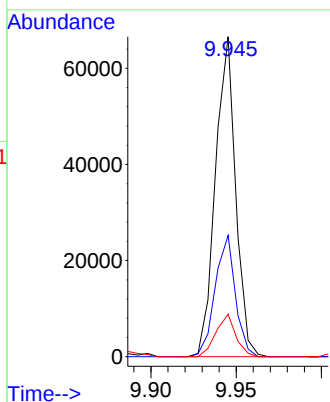
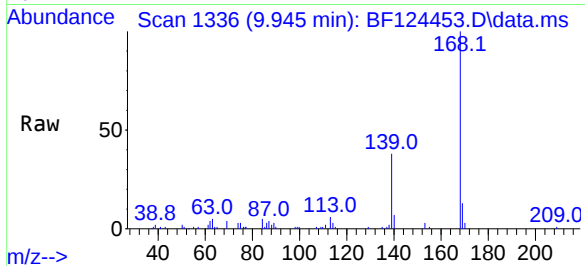




#55
Dibenzenofuran
Concen: 7.737 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

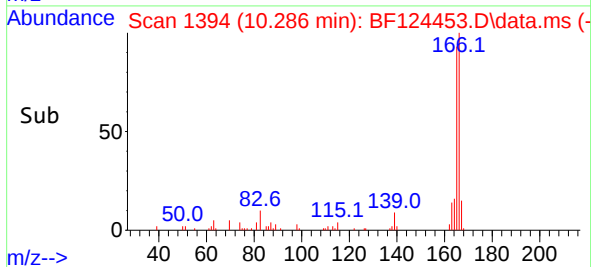
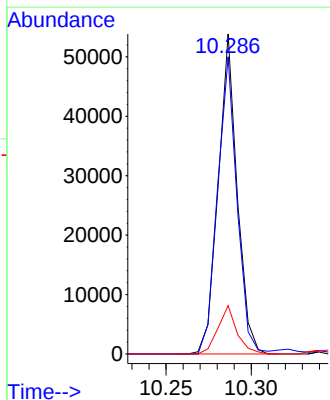
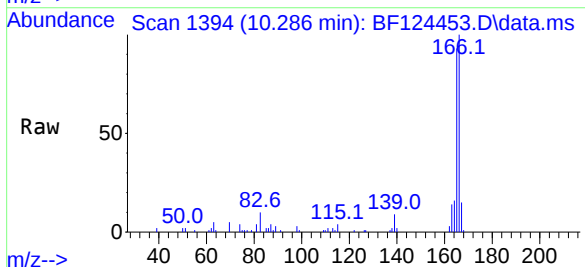
Instrument :
BNA_F
ClientSampleId :
356-349

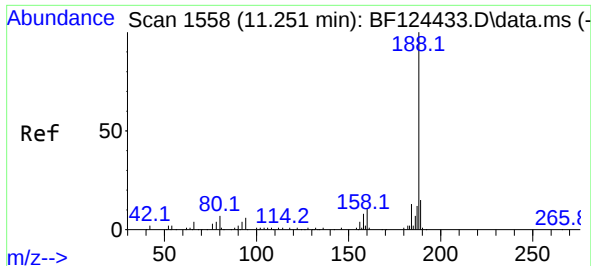
Tgt Ion:168	Resp:	54906
Ion Ratio	Lower	Upper
168	100	
139	37.9	33.2 49.8
169	13.3	10.8 16.2



#58
Fluorene
Concen: 7.642 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Tgt Ion:166	Resp:	41668
Ion Ratio	Lower	Upper
166	100	
165	92.9	73.5 110.3
167	15.1	10.7 16.1

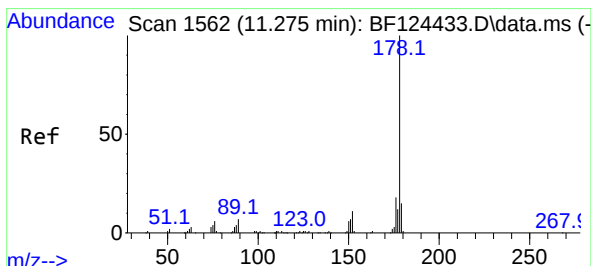
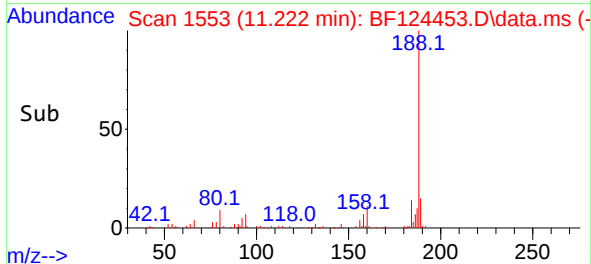
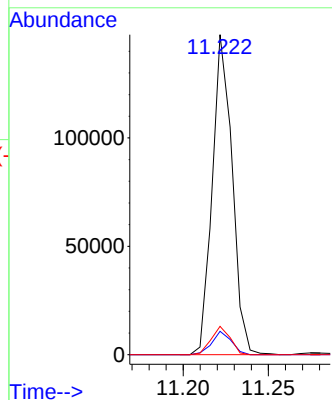
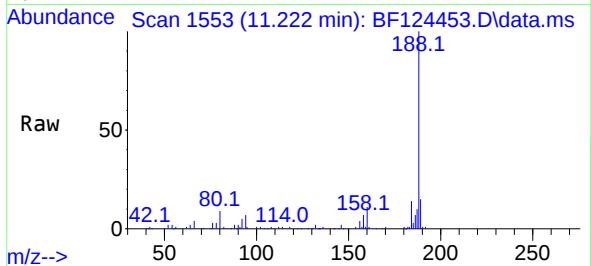




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

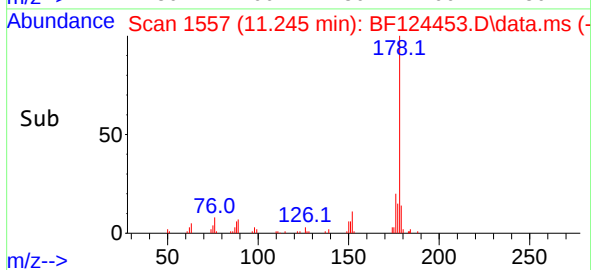
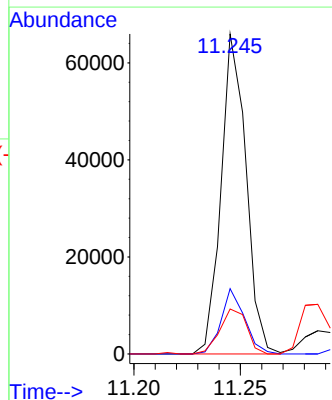
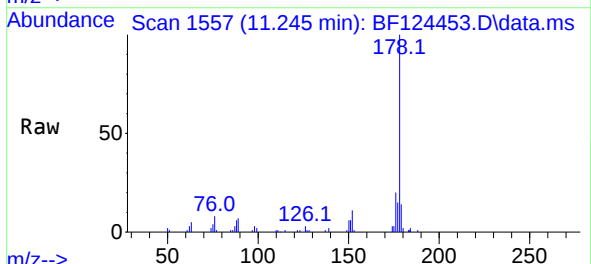
Instrument :
BNA_F
ClientSampleId :
356-349

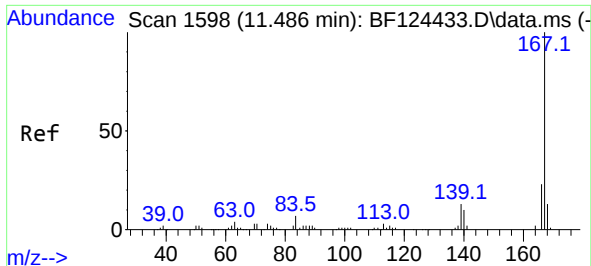
Tgt Ion:	188	Resp:	119867
Ion Ratio	Lower	Upper	
188	100		
94	7.3	6.9	10.3
80	8.8	8.2	12.2



#71
Phenanthrene
Concen: 7.120 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

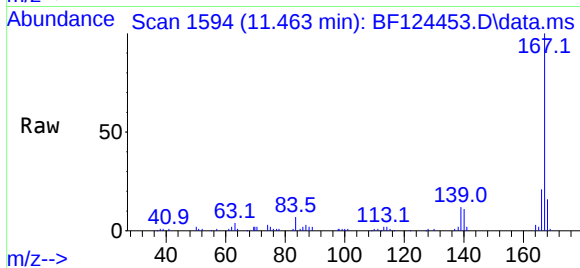
Tgt Ion:	178	Resp:	53801
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.6	23.4
179	14.1	12.5	18.7



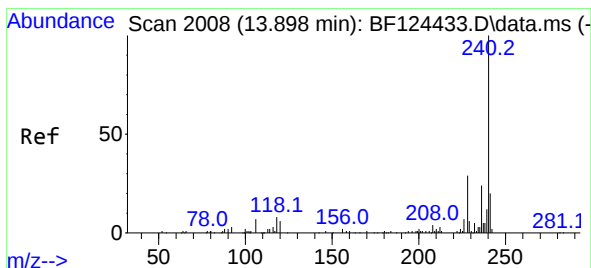
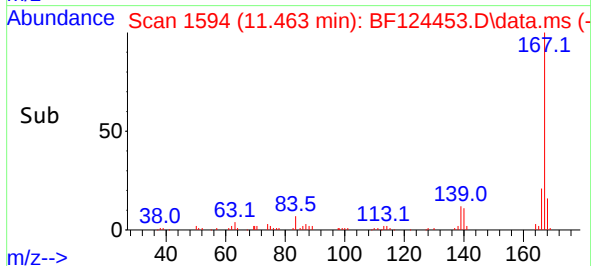
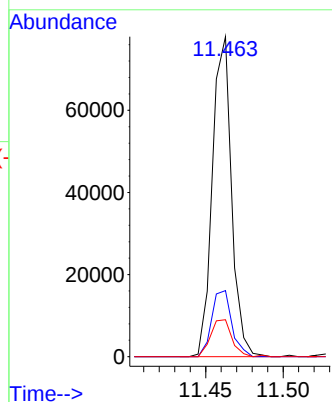


#73
Carbazole
Concen: 10.202 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Instrument :
BNA_F
ClientSampleId :
356-349

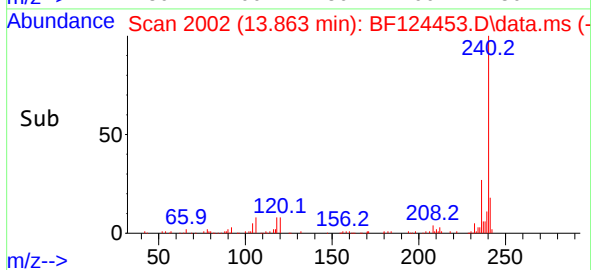
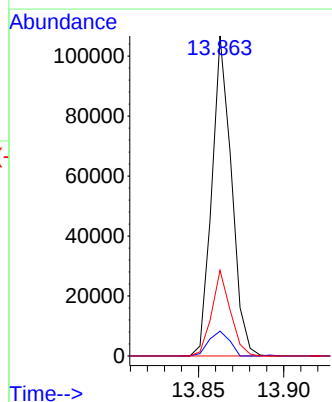
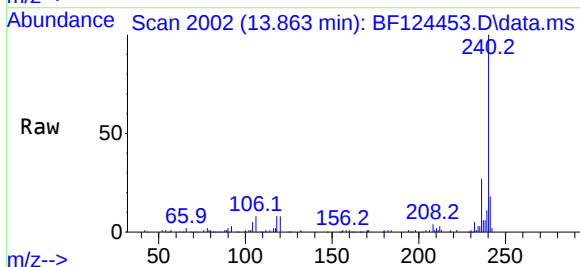


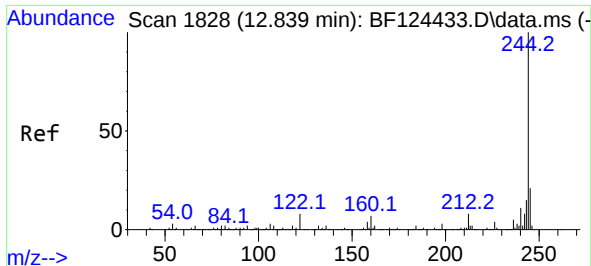
Tgt Ion:167 Resp: 66942
Ion Ratio Lower Upper
167 100
166 20.7 17.0 25.6
139 11.6 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Tgt Ion:240 Resp: 85400
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 26.8 19.0 28.4

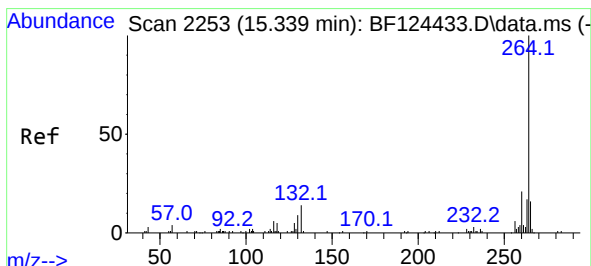
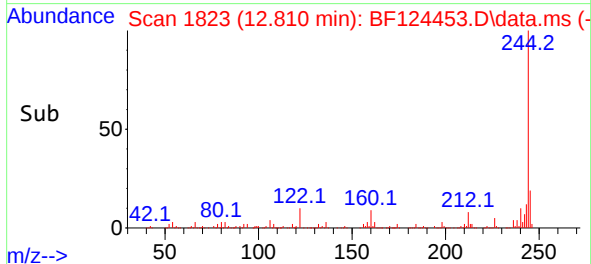
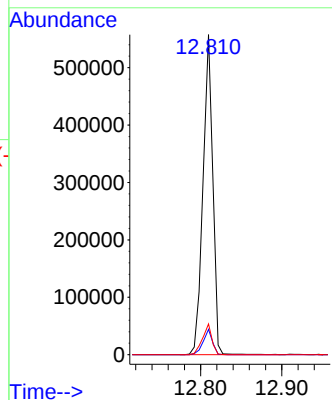
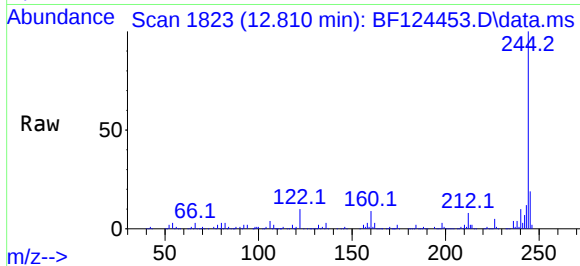




#79
Terphenyl-d14
Concen: 82.095 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Instrument :
BNA_F
ClientSampleId :
356-349

Tgt Ion:244 Resp: 468084
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 9.6 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF124453.D
Acq: 25 Jun 2021 15:55

Tgt Ion:264 Resp: 91324
Ion Ratio Lower Upper
264 100
260 19.9 18.7 28.1
265 21.4 17.8 26.8

