

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124454.D
 Acq On : 25 Jun 2021 16:27
 Operator : JU/CG
 Sample : M2812-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 293-347

Quant Time: Jun 25 16:55:17 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)

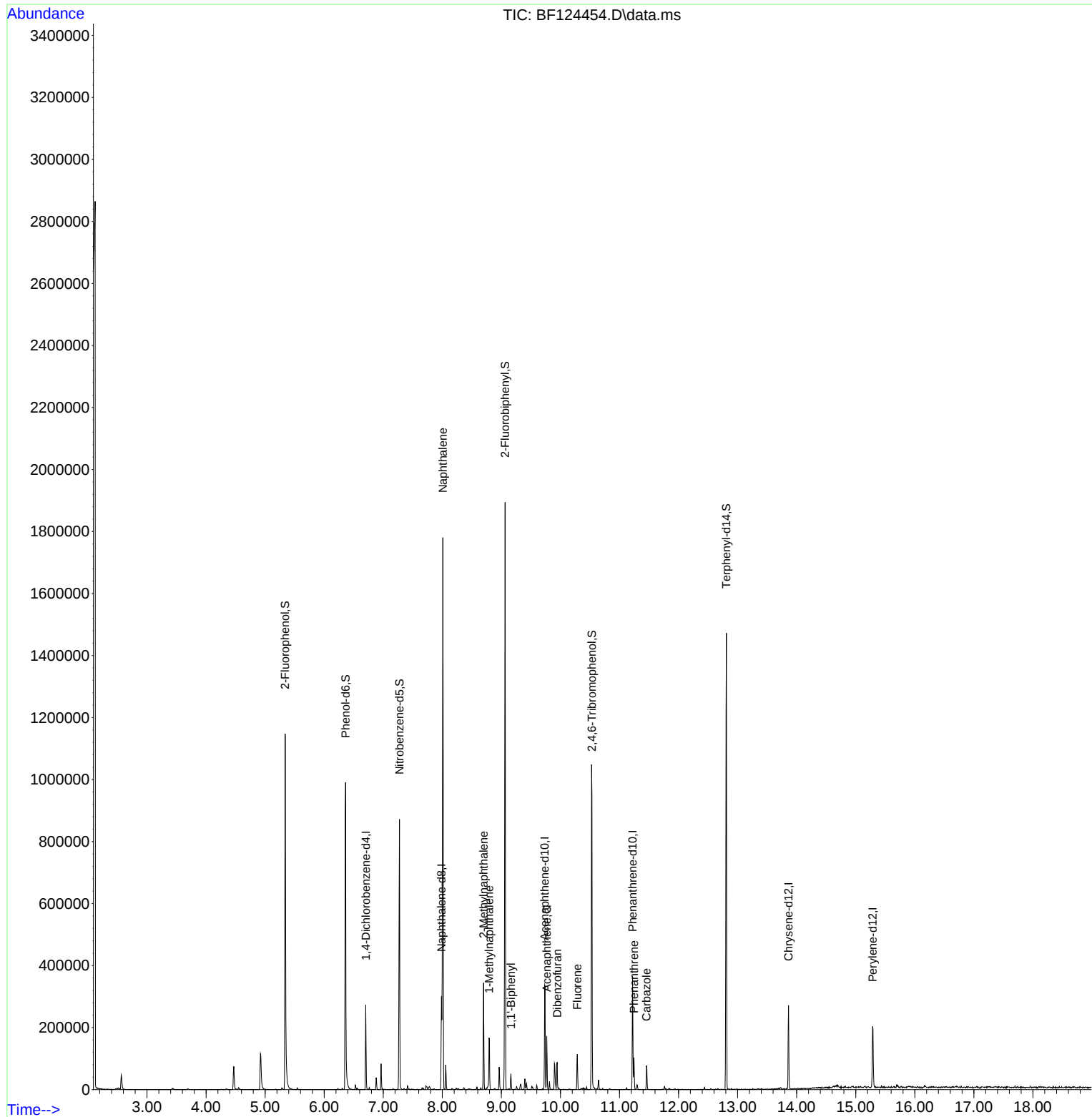
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	32950	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	121126	20.000	ng	# 0.00
39) Acenaphthene-d10	9.733	164	69684	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	111726	20.000	ng	0.00
76) Chrysene-d12	13.863	240	80581	20.000	ng	0.00
86) Perylene-d12	15.286	264	80401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	264802	126.389	ng	0.01
7) Phenol-d6	6.363	99	308981	112.948	ng	0.00
23) Nitrobenzene-d5	7.275	82	252441	86.413	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	116050	139.393	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	497924	87.531	ng	0.00
79) Terphenyl-d14	12.810	244	443764	82.484	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.010	128	693549	97.323	ng	98
37) 2-Methylnaphthalene	8.698	142	70013	13.884	ng	96
38) 1-Methylnaphthalene	8.792	142	43825	9.343	ng	96
46) 1,1'-Biphenyl	9.163	154	15217	2.569	ng	94
52) Acenaphthene	9.769	154	30706	6.906	ng	90
55) Dibenzofuran	9.945	168	31763	4.482	ng	90
58) Fluorene	10.286	166	26549	4.875	ng	86
71) Phenanthrene	11.245	178	33302	4.728	ng	98
73) Carbazole	11.457	167	28760	4.702	ng	# 97

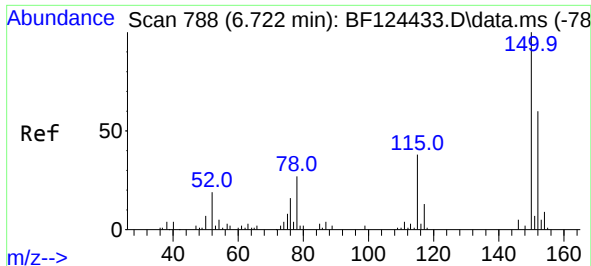
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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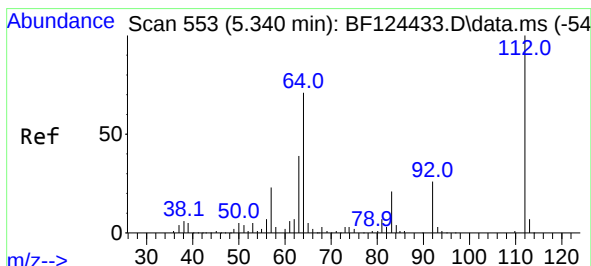
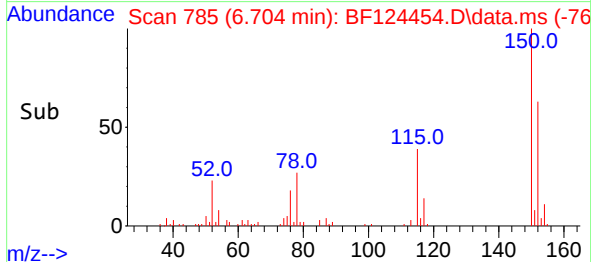
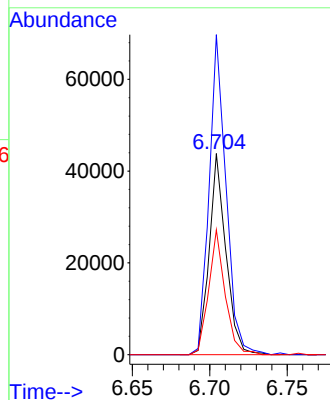
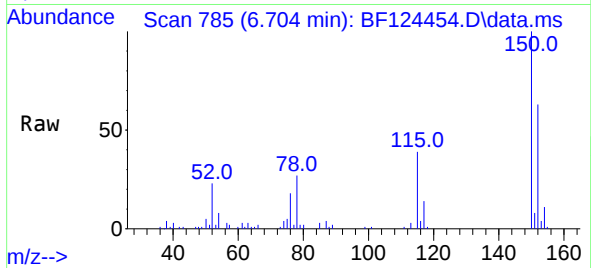




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

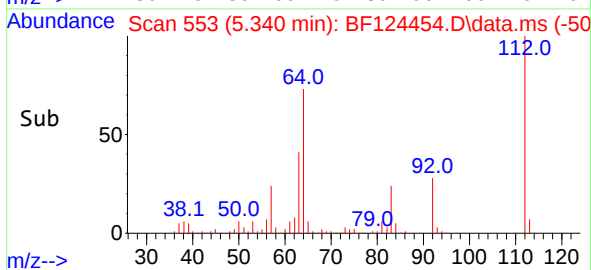
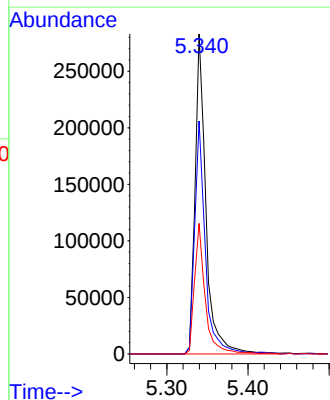
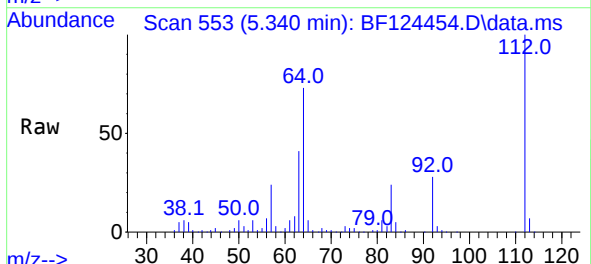
Instrument :
BNA_F
ClientSampleId :
293-347

Tgt Ion:152 Resp: 32950
Ion Ratio Lower Upper
152 100
150 159.1 127.0 190.6
115 62.0 54.3 81.5

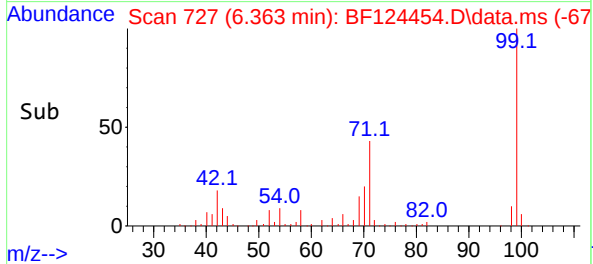
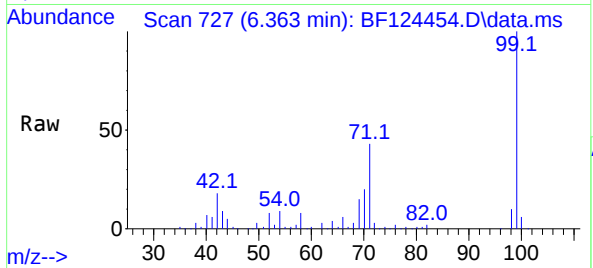
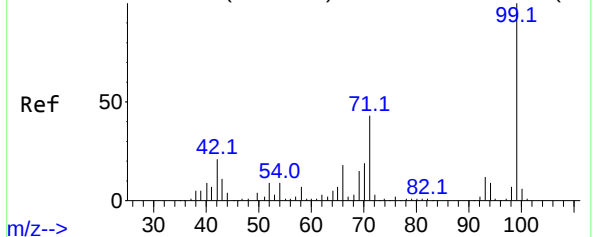


#5
2-Fluorophenol
Concen: 126.389 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

Tgt Ion:112 Resp: 264802
Ion Ratio Lower Upper
112 100
64 72.8 61.4 92.0
63 40.8 33.0 49.4



Abundance Scan 729 (6.375 min): BF124433.D\data.ms (-72



#7

Phenol-d6

Concen: 112.948 ng

RT: 6.363 min Scan# 727

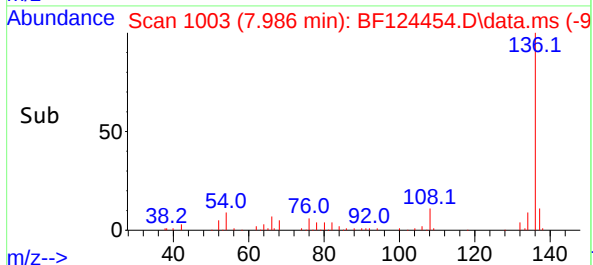
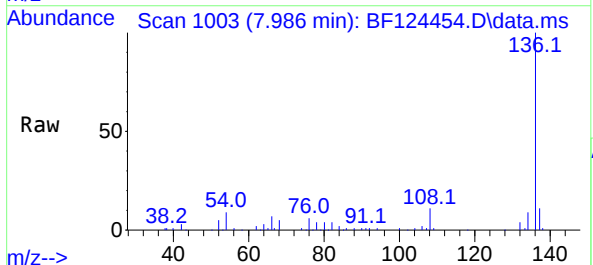
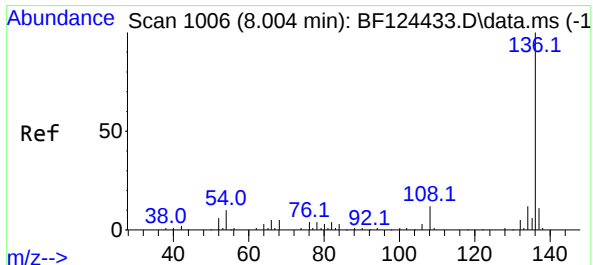
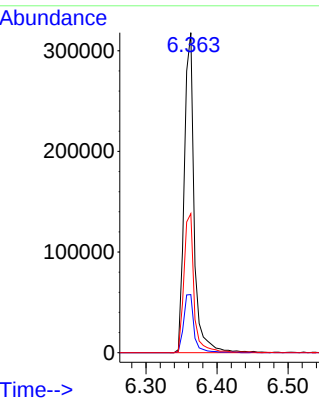
Delta R.T. 0.000 min

Lab File: BF124454.D

Acq: 25 Jun 2021 16:27

Tgt Ion: 99 Resp: 308981

Ion	Ratio	Lower	Upper
99	100		
42	18.2	19.8	29.8#
71	43.4	31.1	46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.986 min Scan# 1003

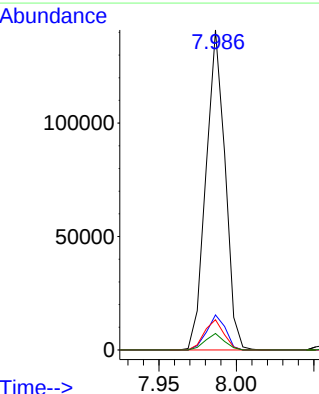
Delta R.T. 0.000 min

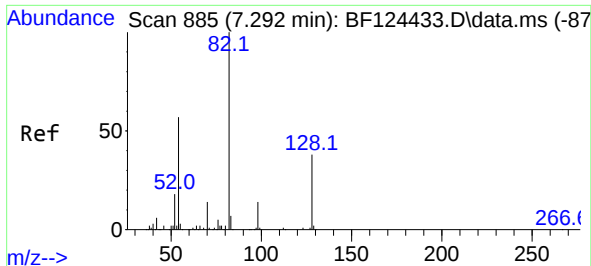
Lab File: BF124454.D

Acq: 25 Jun 2021 16:27

Tgt Ion: 136 Resp: 121126

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.5	9.8	14.6#
68	5.1	4.1	6.1

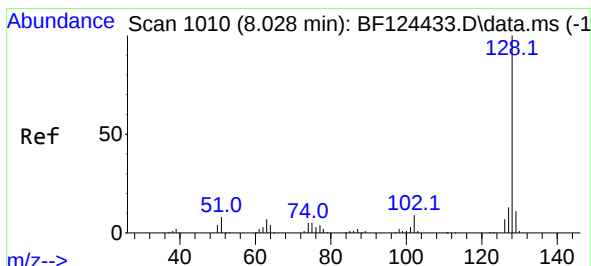
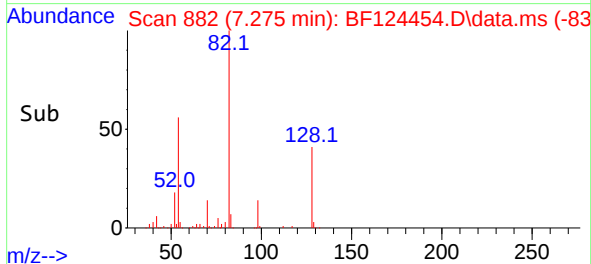
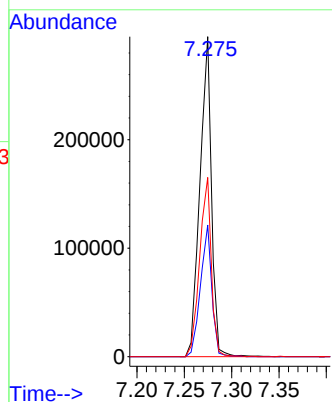
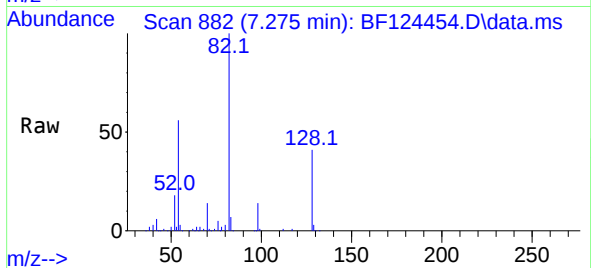




#23
Nitrobenzene-d5
Concen: 86.413 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

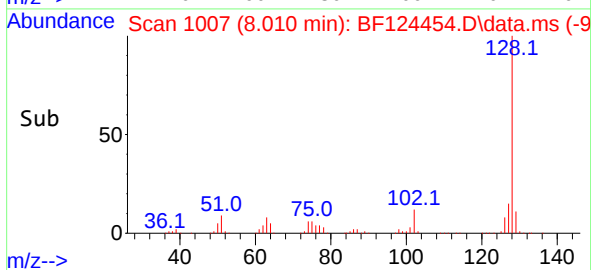
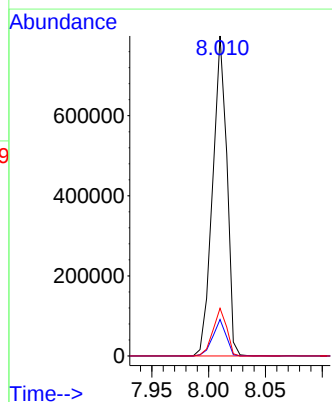
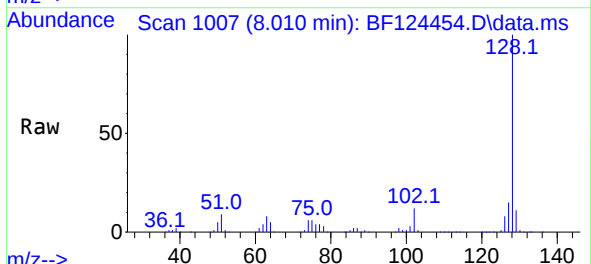
Instrument :
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293-347

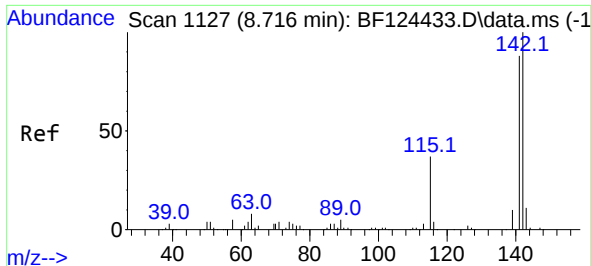
Tgt Ion: 82 Resp: 252441
Ion Ratio Lower Upper
82 100
128 41.1 29.4 44.2
54 56.0 54.1 81.1



#31
Naphthalene
Concen: 97.323 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

Tgt Ion: 128 Resp: 693549
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 14.9 10.8 16.2

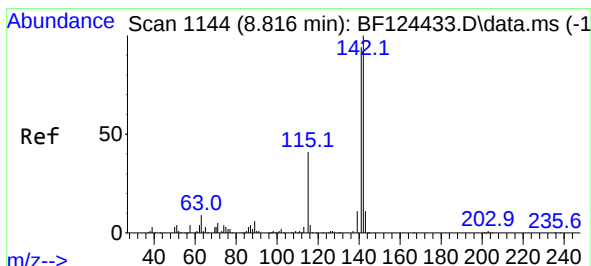
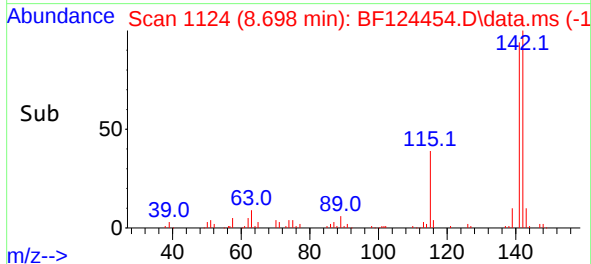
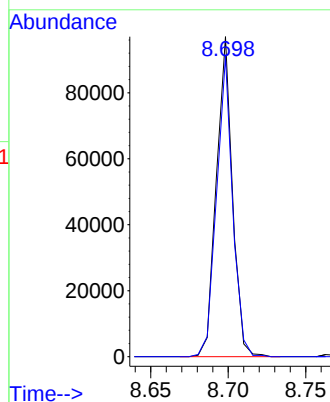
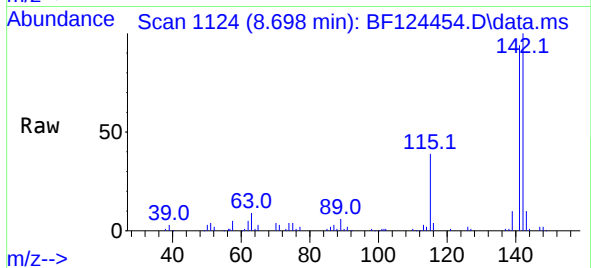




#37
2-Methylnaphthalene
Concen: 13.884 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

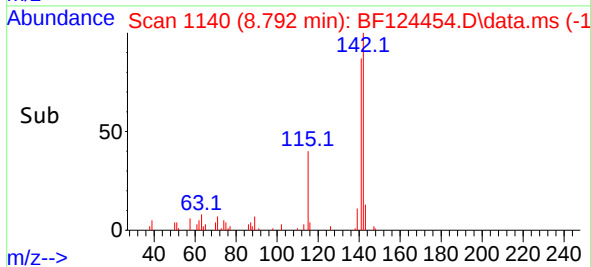
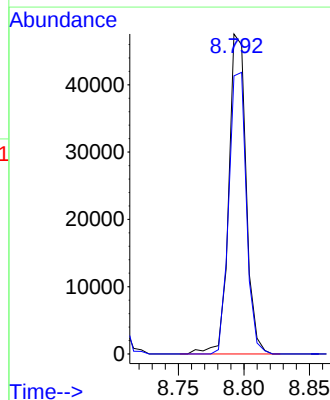
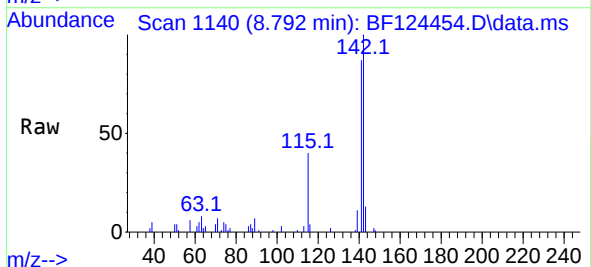
Instrument :
BNA_F
ClientSampled :
293-347

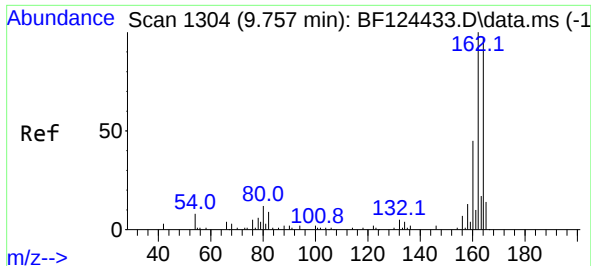
Tgt Ion:142 Resp: 70013
Ion Ratio Lower Upper
142 100
141 93.9 71.8 107.6



#38
1-Methylnaphthalene
Concen: 9.343 ng
RT: 8.792 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

Tgt Ion:142 Resp: 43825
Ion Ratio Lower Upper
142 100
141 86.9 72.8 109.2



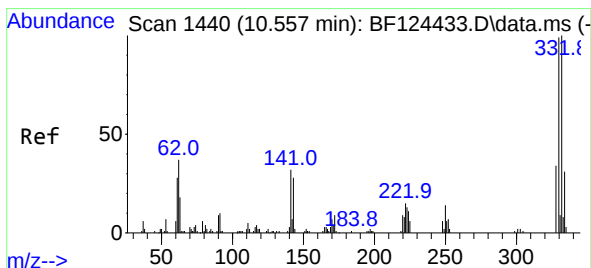
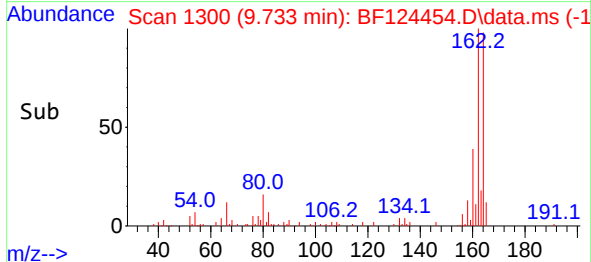
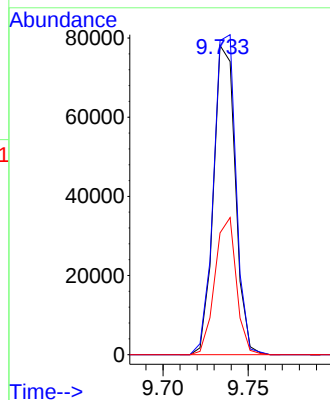
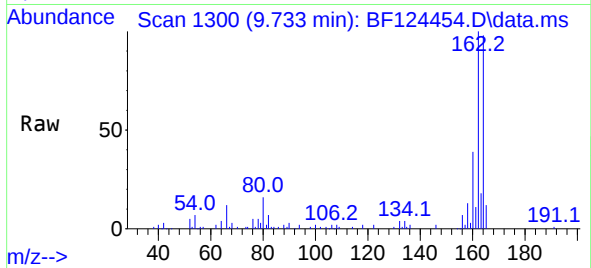


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

Instrument :
BNA_F
ClientSampleId :
293-347

Tgt Ion:164 Resp: 69684

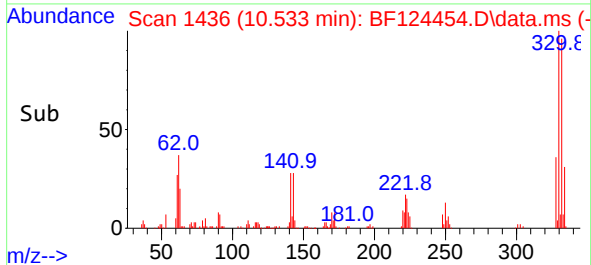
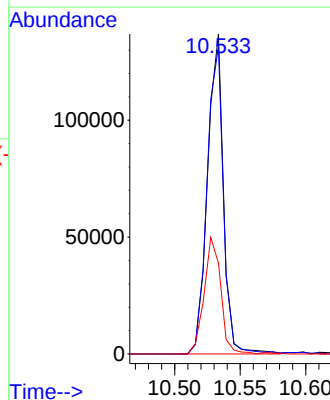
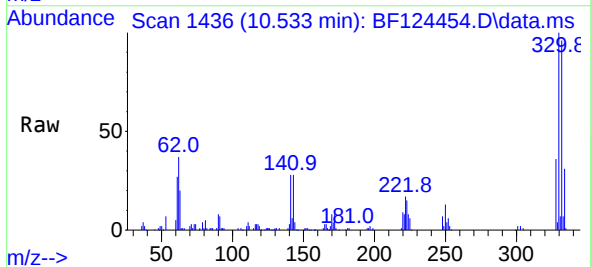
Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.7	121.1
160	39.4	37.3	55.9

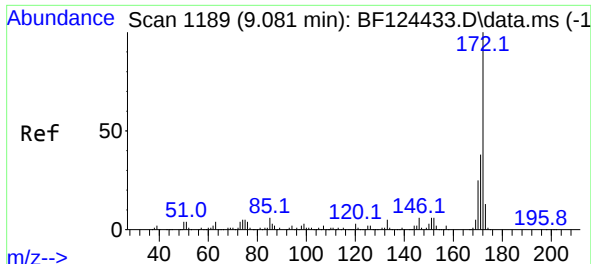


#42
2,4,6-Tribromophenol
Concen: 139.393 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

Tgt Ion:330 Resp: 116050

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.1	115.7
141	37.8	27.9	41.9

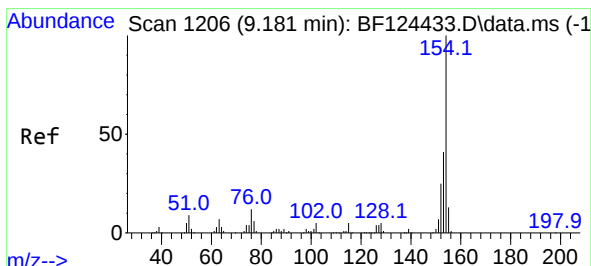
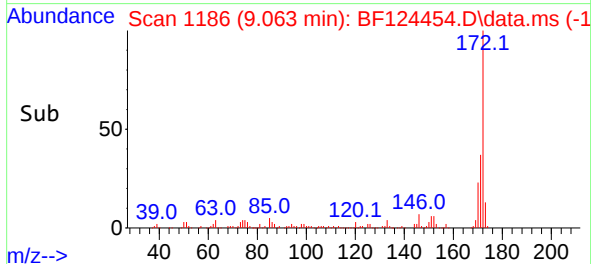
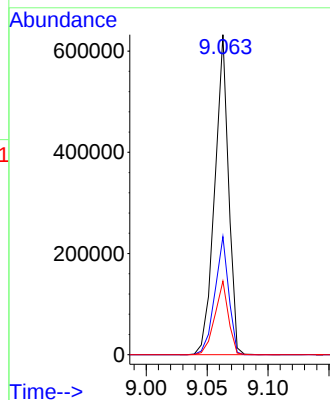
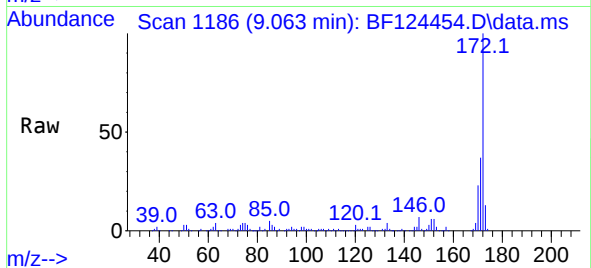




#45
2-Fluorobiphenyl
Concen: 87.531 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

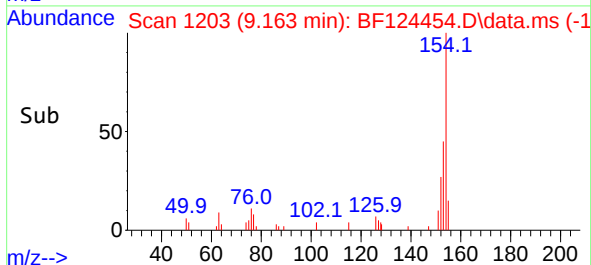
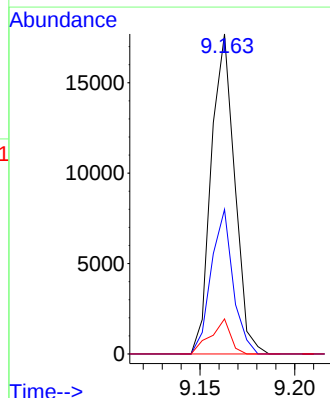
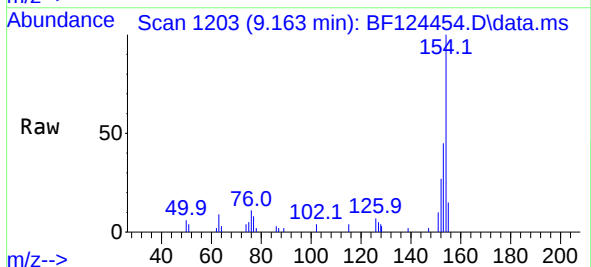
Instrument :
BNA_F
ClientSampleId :
293-347

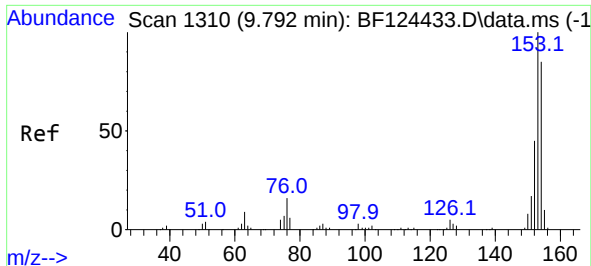
Tgt Ion:172 Resp: 497924
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 23.0 19.2 28.8



#46
1,1'-Biphenyl
Concen: 2.569 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

Tgt Ion:154 Resp: 15217
Ion Ratio Lower Upper
154 100
153 45.2 20.7 60.7
76 10.9 0.0 31.7

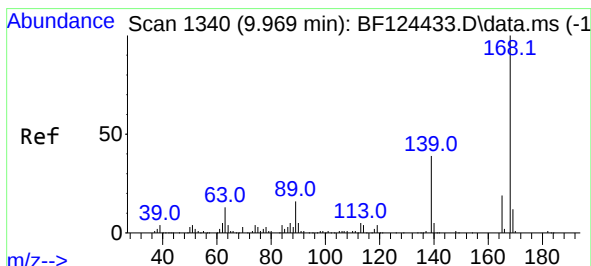
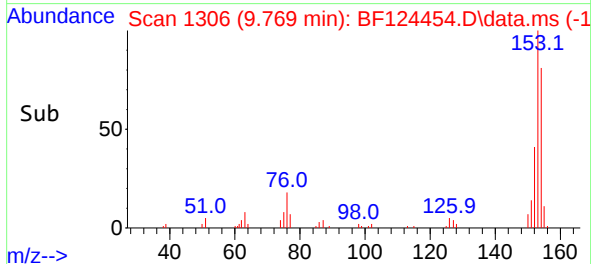
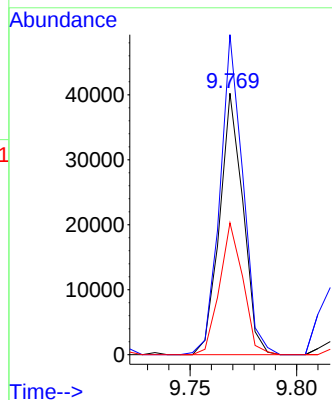
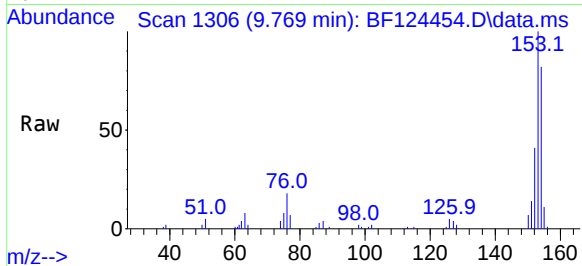




#52
Acenaphthene
Concen: 6.906 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

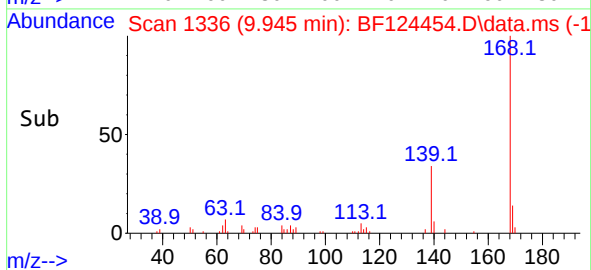
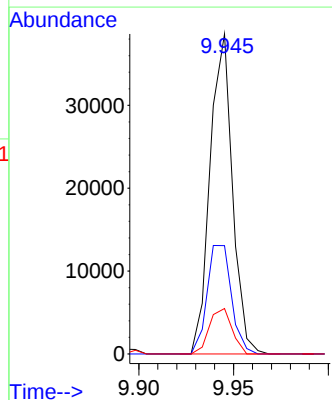
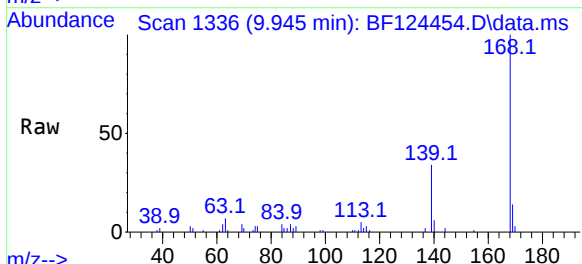
Instrument :
BNA_F
ClientSampleId :
293-347

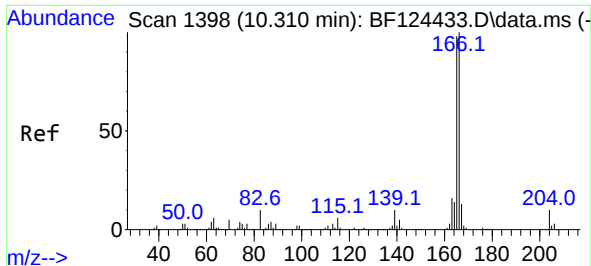
Tgt Ion:154 Resp: 30706
Ion Ratio Lower Upper
154 100
153 122.4 88.1 132.1
152 50.4 43.4 65.0



#55
Dibenzofuran
Concen: 4.482 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

Tgt Ion:168 Resp: 31763
Ion Ratio Lower Upper
168 100
139 33.9 33.2 49.8
169 14.2 10.8 16.2

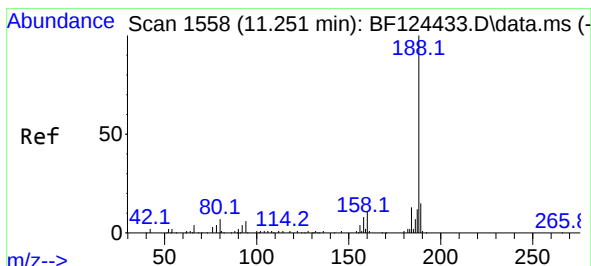
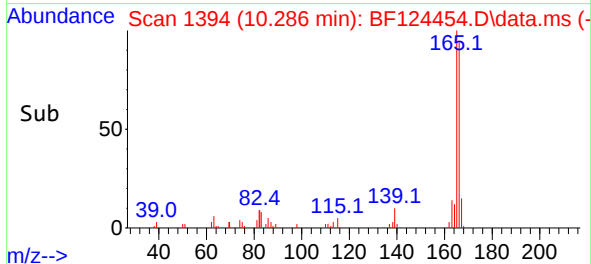
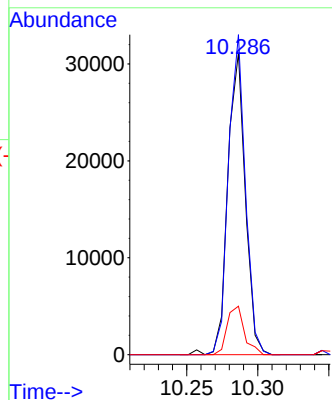
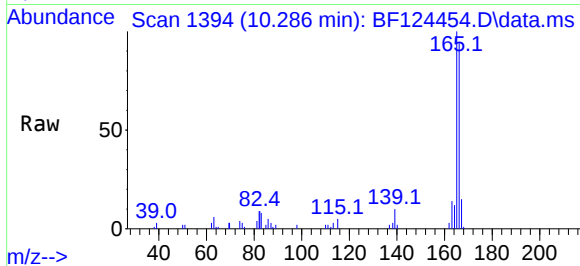




#58
Fluorene
Concen: 4.875 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

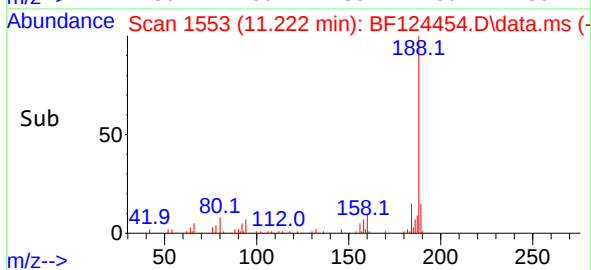
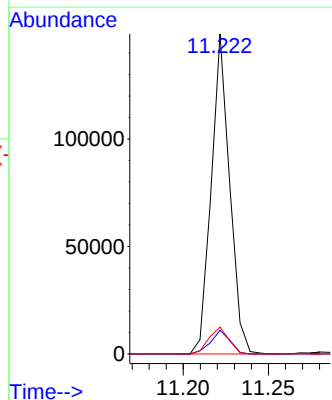
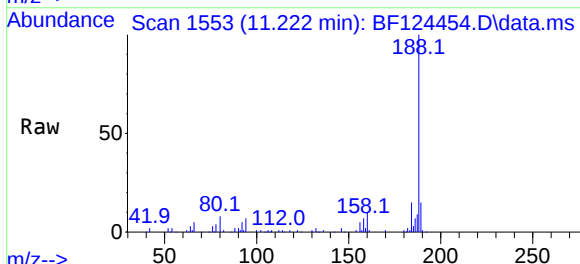
Instrument :
BNA_F
ClientSampleId :
293-347

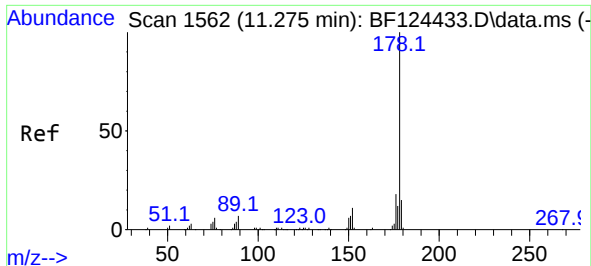
Tgt Ion:	166	Resp:	26549
Ion Ratio	Lower	Upper	
166	100		
165	106.0	73.5	110.3
167	16.1	10.7	16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

Tgt Ion:	188	Resp:	111726
Ion Ratio	Lower	Upper	
188	100		
94	7.4	6.9	10.3
80	8.4	8.2	12.2

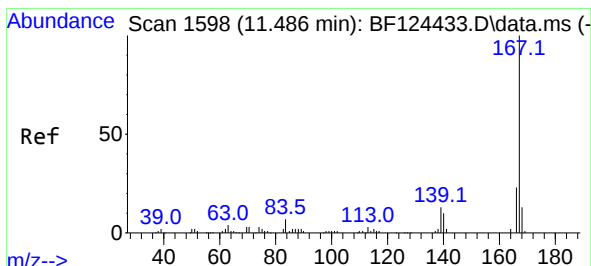
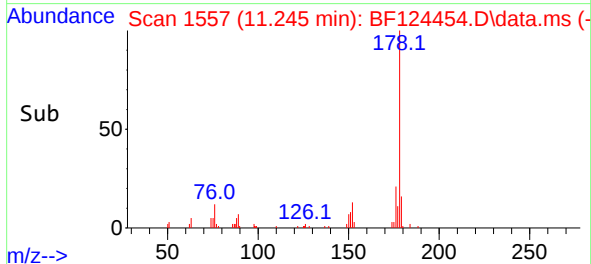
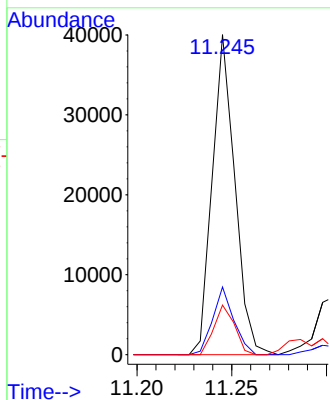
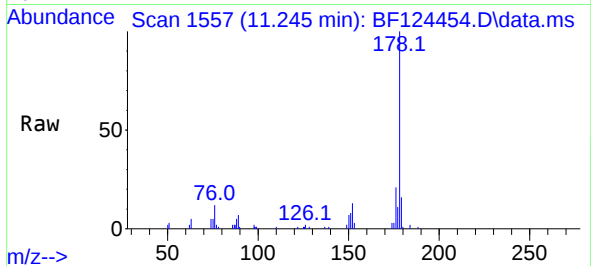




#71
Phenanthrene
Concen: 4.728 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

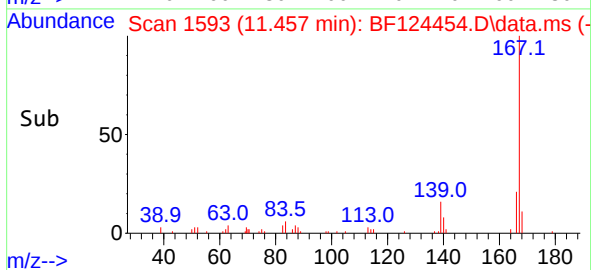
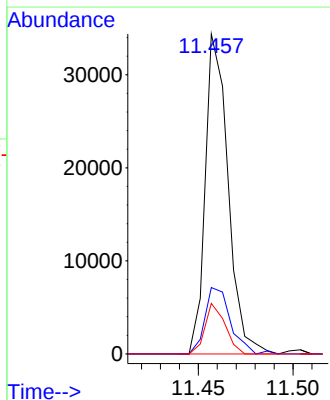
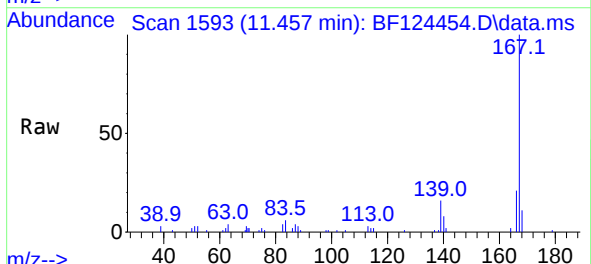
Instrument :
BNA_F
ClientSampled :
293-347

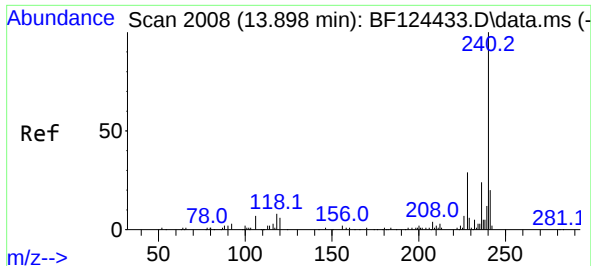
Tgt Ion:178 Resp: 33302
Ion Ratio Lower Upper
178 100
176 21.1 15.6 23.4
179 15.5 12.5 18.7



#73
Carbazole
Concen: 4.702 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

Tgt Ion:167 Resp: 28760
Ion Ratio Lower Upper
167 100
166 20.8 17.0 25.6
139 15.8 10.4 15.6#

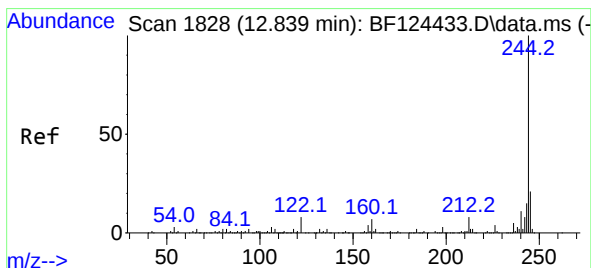
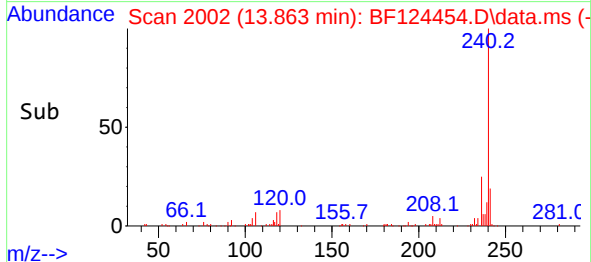
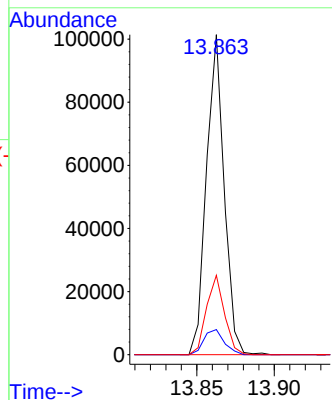
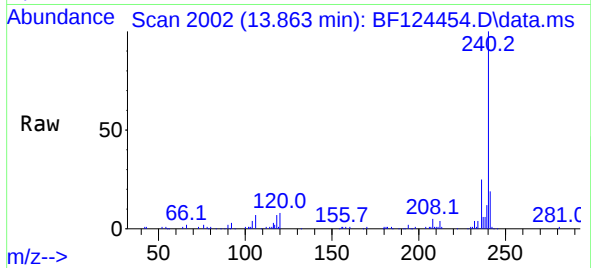




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

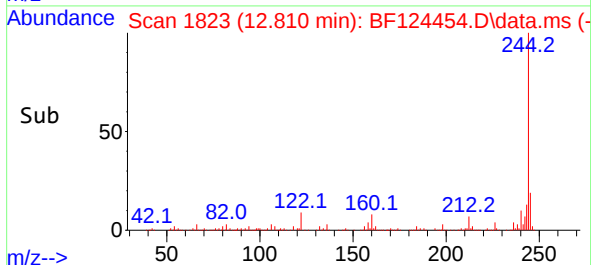
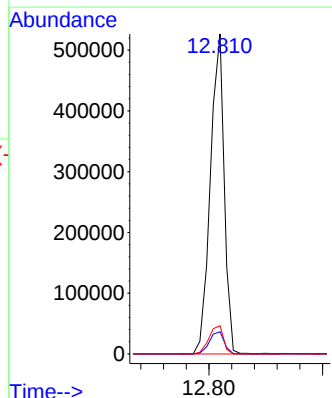
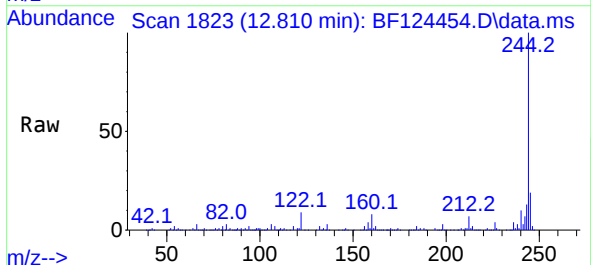
Instrument :
BNA_F
ClientSampleId :
293-347

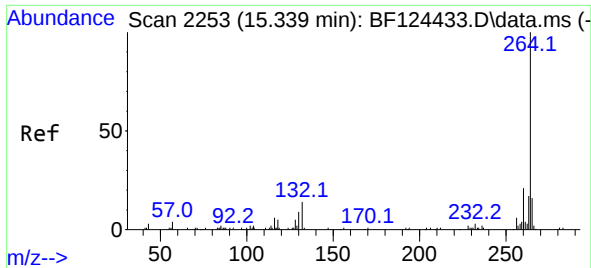
Tgt Ion:240 Resp: 80581
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 24.8 19.0 28.4



#79
Terphenyl-d14
Concen: 82.484 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF124454.D
Acq: 25 Jun 2021 16:27

Tgt Ion:244 Resp: 443764
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 8.8 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF124454.D
 Acq: 25 Jun 2021 16:27

Instrument :
 BNA_F
 ClientSampleId :
 293-347

Tgt Ion:264 Resp: 80401

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.5	17.8	26.8

