

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
 Data File : BF124298.D
 Acq On : 12 Jun 2021 21:30
 Operator : JU/CG
 Sample : M2674-04DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-04-060921DL

Quant Time: Jun 14 04:28:42 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)

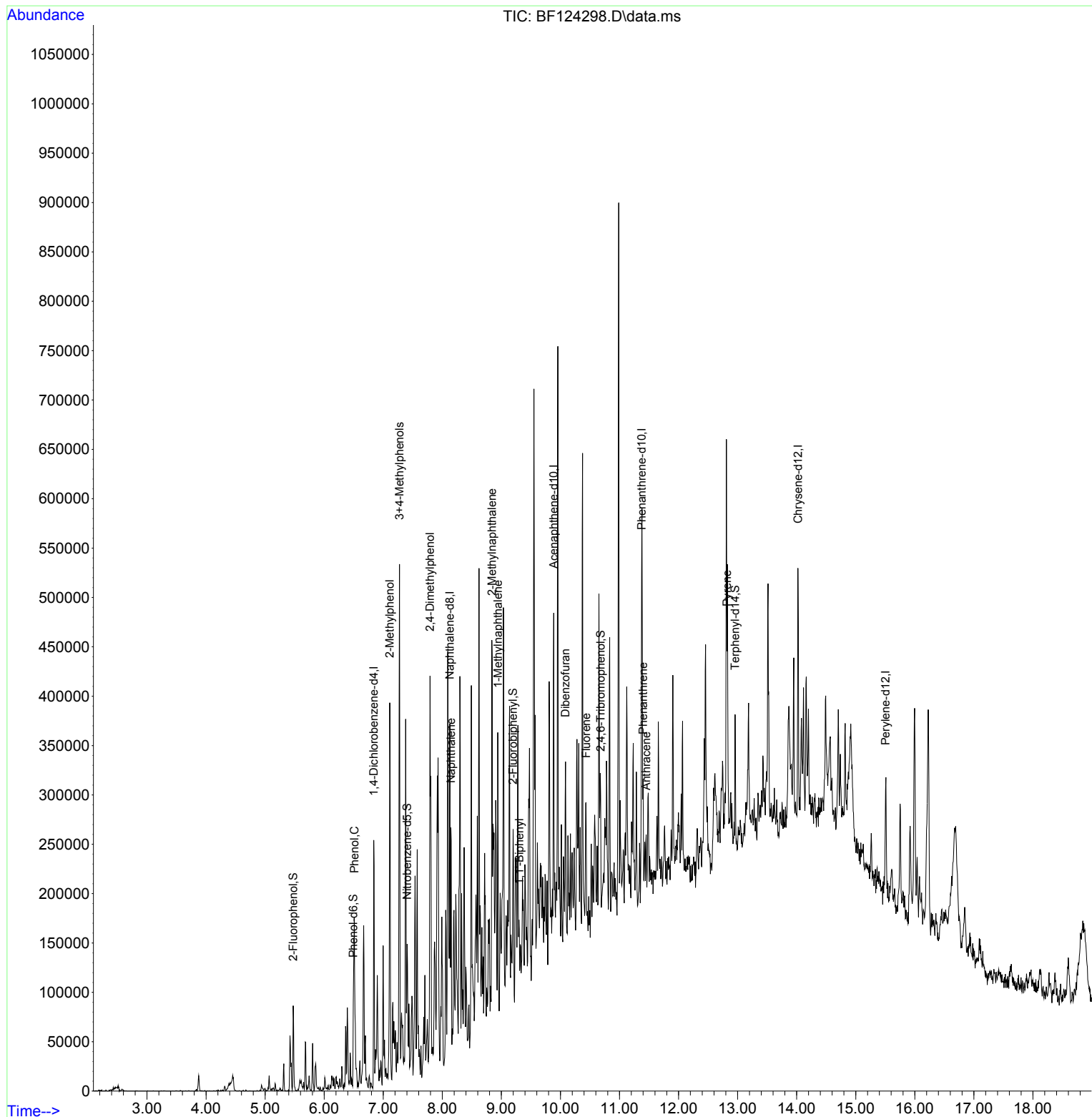
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	32540	20.00	ng	-0.01
21) Naphthalene-d8	8.127	136	117319	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	56863	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	84254	20.00	ng	0.00
76) Chrysene-d12	14.021	240	77044	20.00	ng	0.00
86) Perylene-d12	15.503	264	48503	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	21763	10.07	ng	0.00
7) Phenol-d6	6.492	99	24962	8.59	ng	0.00
23) Nitrobenzene-d5	7.404	82	23488	7.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	7083	8.79	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	34263	7.58	ng	-0.01
79) Terphenyl-d14	12.957	244	28837	5.14	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.510	94	46638	14.85	ng	98
17) 2-Methylphenol	7.110	107	47813	24.45	ng	90
20) 3+4-Methylphenols	7.275	107	107575	41.52	ng	# 67
27) 2,4-Dimethylphenol	7.792	122	73940	39.56	ng	# 87
31) Naphthalene	8.145	128	69670	9.93	ng	# 95
37) 2-Methylnaphthalene	8.839	142	82746	16.82	ng	95
38) 1-Methylnaphthalene	8.939	142	47547	10.34	ng	90
46) 1,1'-Biphenyl	9.304	154	14158	2.95	ng	96
55) Dibenzofuran	10.086	168	22592	3.89	ng	# 91
58) Fluorene	10.433	166	28193	6.33	ng	# 87
71) Phenanthrene	11.398	178	38903	7.39	ng	# 92
72) Anthracene	11.451	178	14164	2.67	ng	# 85
78) Pyrene	12.821	202	16259	2.20	ng	# 87

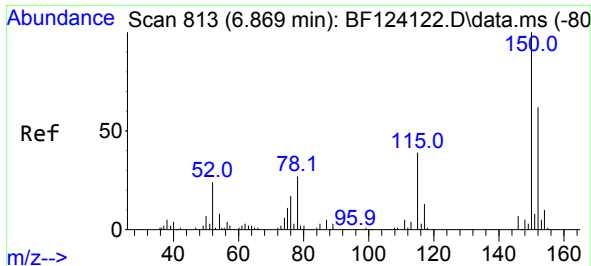
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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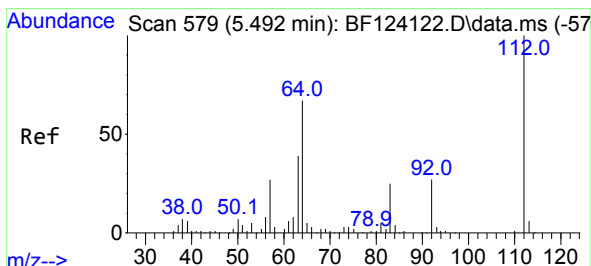
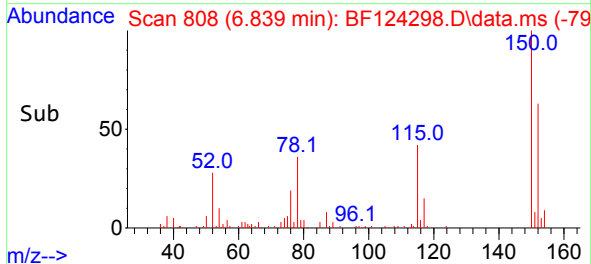
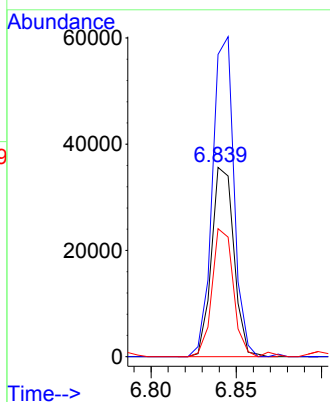
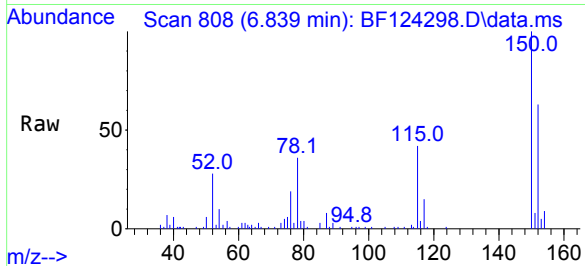




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

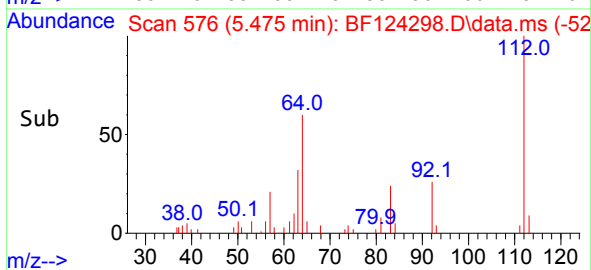
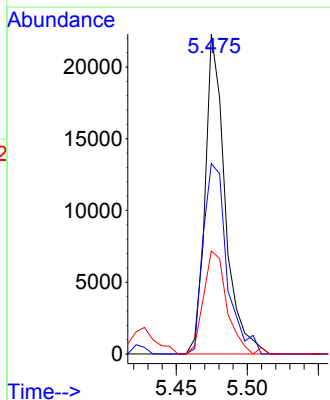
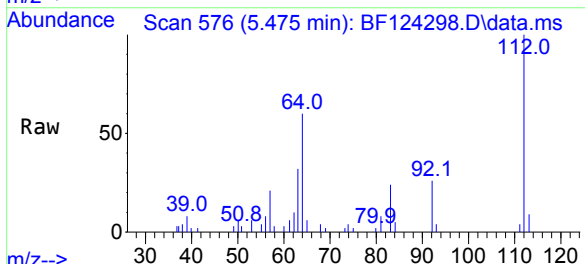
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

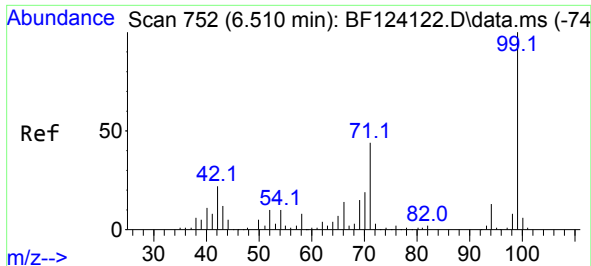
Tgt Ion:152 Resp: 32540
Ion Ratio Lower Upper
152 100
150 159.7 127.0 190.6
115 67.6 54.3 81.5



#5
2-Fluorophenol
Concen: 10.07 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

Tgt Ion:112 Resp: 21763
Ion Ratio Lower Upper
112 100
64 59.5 61.4 92.0#
63 32.2 33.0 49.4#

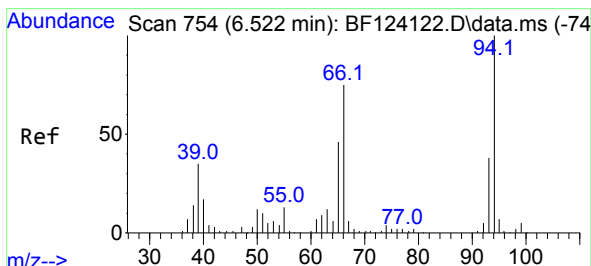
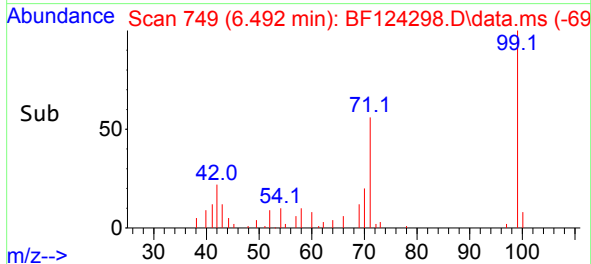
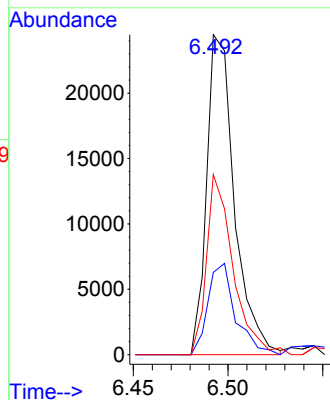
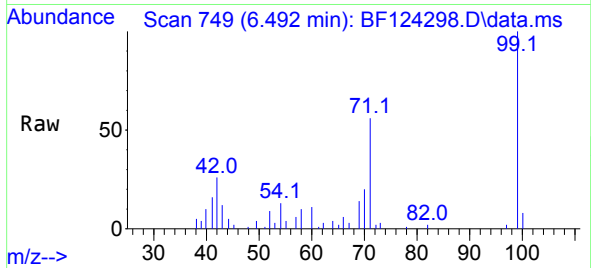




#7
Phenol-d6
Concen: 8.59 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

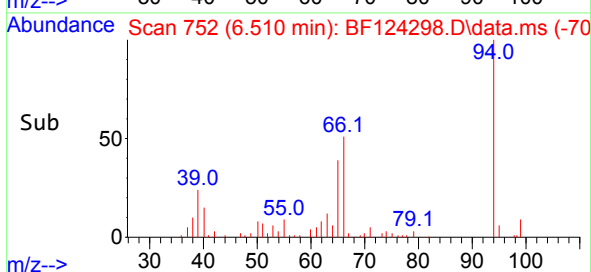
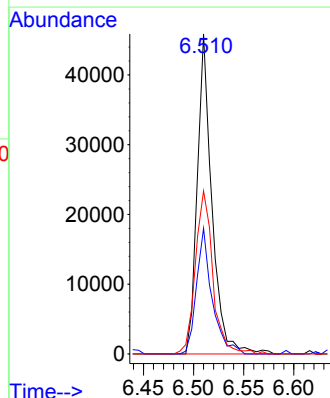
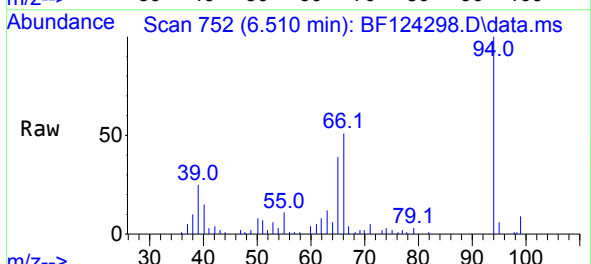
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

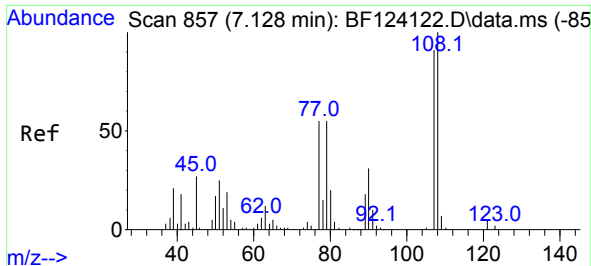
Tgt Ion: 99 Resp: 24962
Ion Ratio Lower Upper
99 100
42 25.7 19.8 29.8
71 56.3 31.1 46.7#



#10
Phenol
Concen: 14.85 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

Tgt Ion: 94 Resp: 46638
Ion Ratio Lower Upper
94 100
65 39.2 18.1 58.1
66 51.0 29.0 69.0



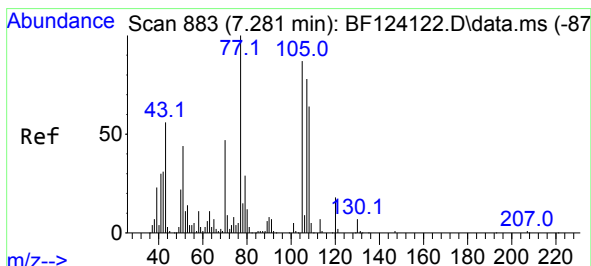
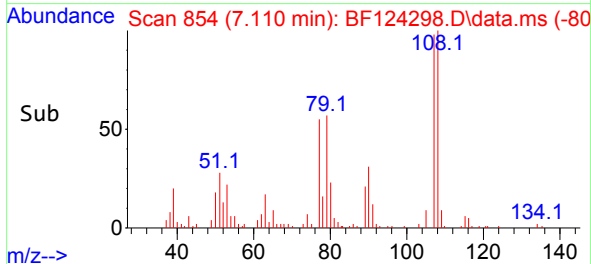
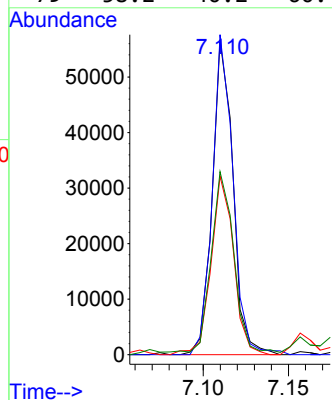
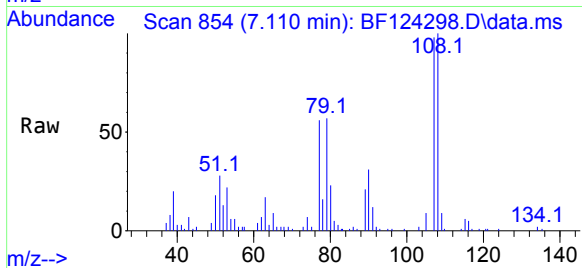


#17
2-Methylphenol
Concen: 24.45 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

Tgt Ion:107 Resp: 47813

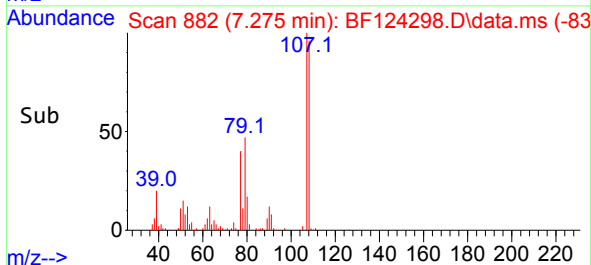
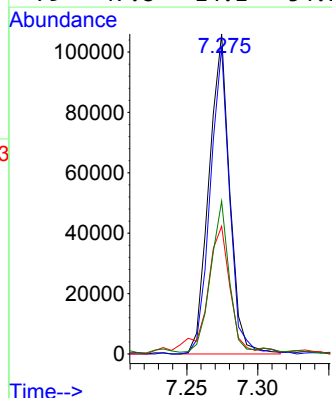
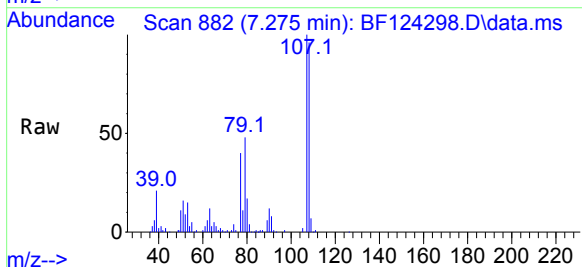
Ion	Ratio	Lower	Upper
107	100		
108	101.8	89.8	134.8
77	56.7	40.9	61.3
79	58.2	40.2	60.4

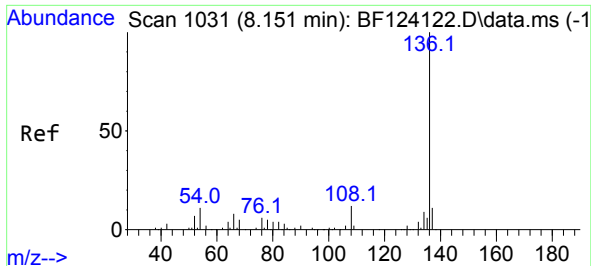


#20
3+4-Methylphenols
Concen: 41.52 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

Tgt Ion:107 Resp: 107575

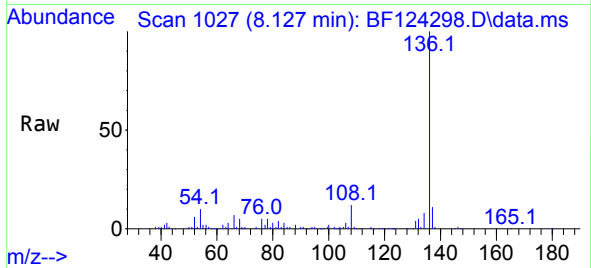
Ion	Ratio	Lower	Upper
107	100		
108	95.9	71.5	111.5
77	39.9	82.0	122.0#
79	47.8	14.1	54.1



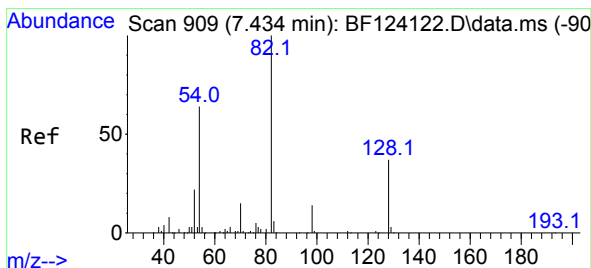
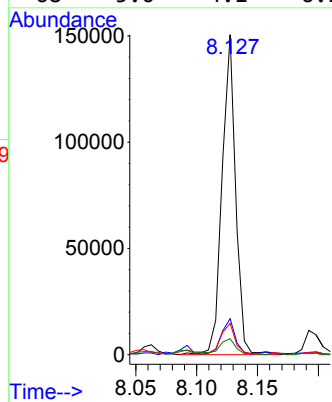
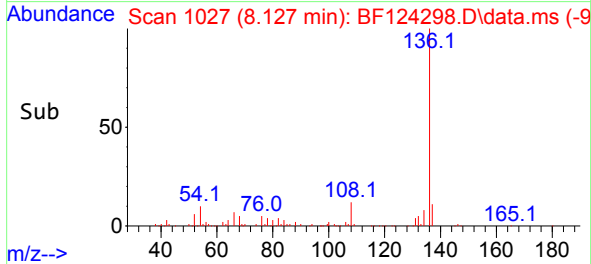


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.127 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

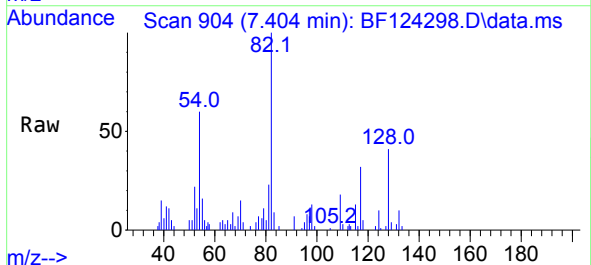
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL



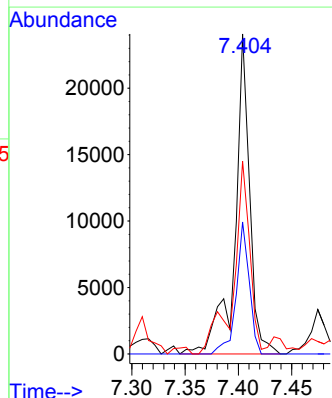
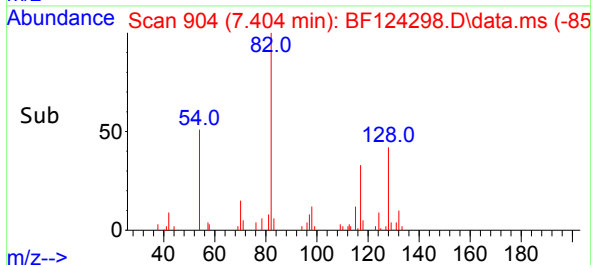
Tgt Ion:136 Resp: 117319
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.8 9.8 14.6#
68 5.0 4.1 6.1

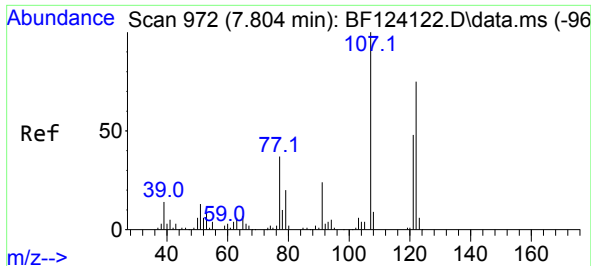


#23
Nitrobenzene-d5
Concen: 7.94 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30



Tgt Ion: 82 Resp: 23488
Ion Ratio Lower Upper
82 100
128 41.2 29.4 44.2
54 60.3 54.1 81.1

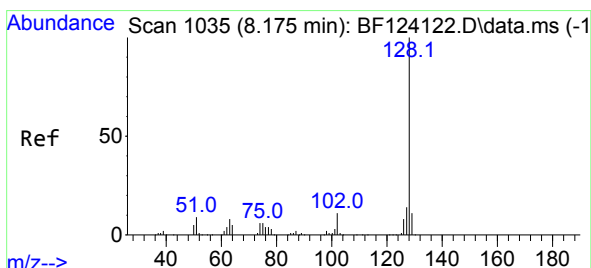
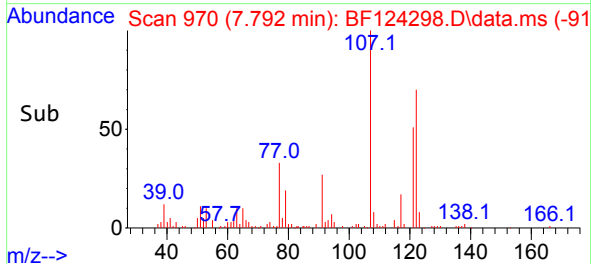
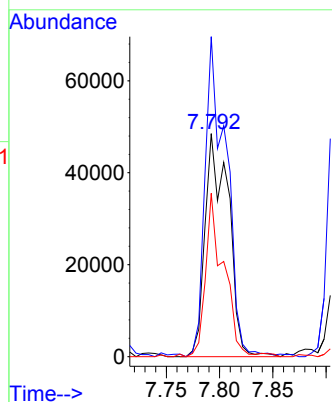
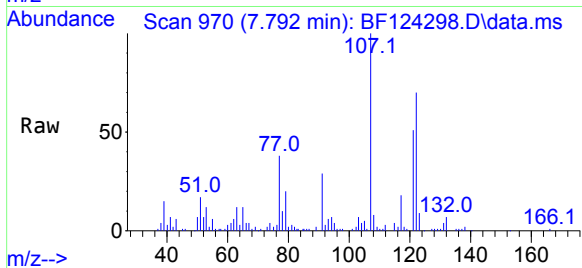




#27
2,4-Dimethylphenol
Concen: 39.56 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

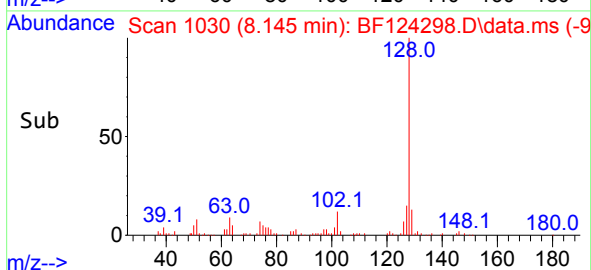
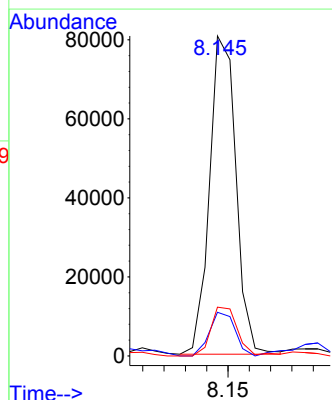
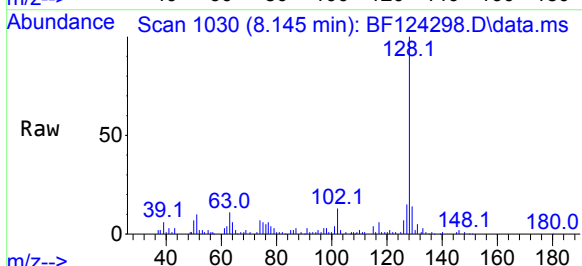
Instrument :
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ClientSampleId :
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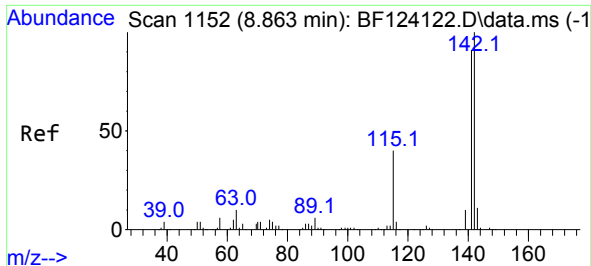
Tgt Ion:122 Resp: 73940
Ion Ratio Lower Upper
122 100
107 143.5 106.3 159.5
121 73.2 45.4 68.0#



#31
Naphthalene
Concen: 9.93 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

Tgt Ion:128 Resp: 69670
Ion Ratio Lower Upper
128 100
129 13.6 8.9 13.3#
127 15.3 10.8 16.2

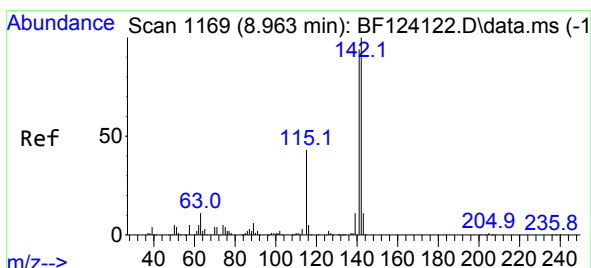
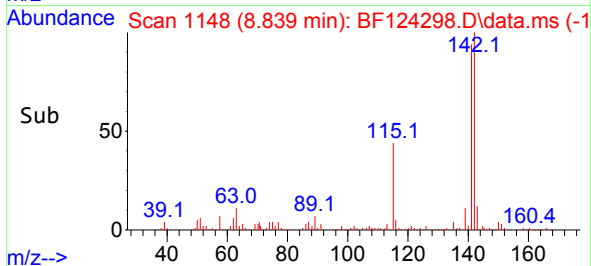
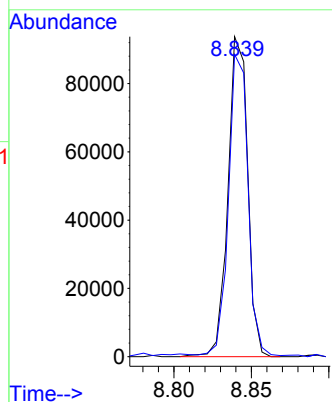
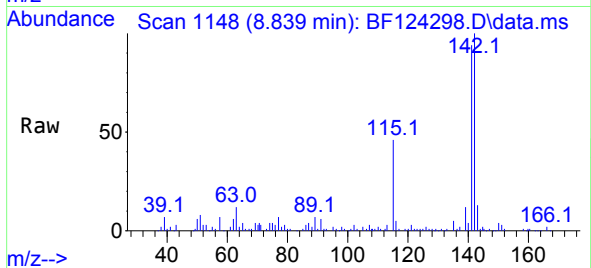




#37
2-Methylnaphthalene
Concen: 16.82 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

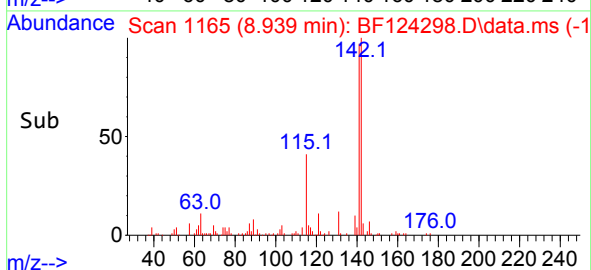
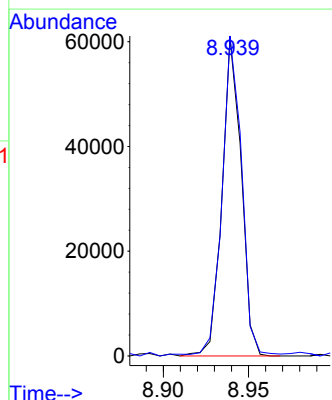
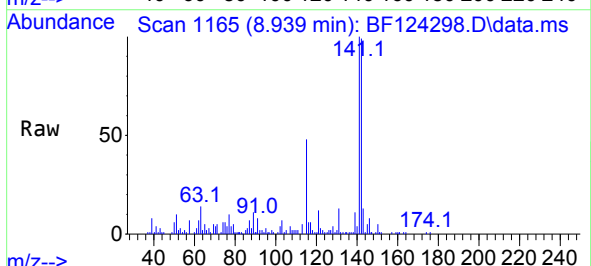
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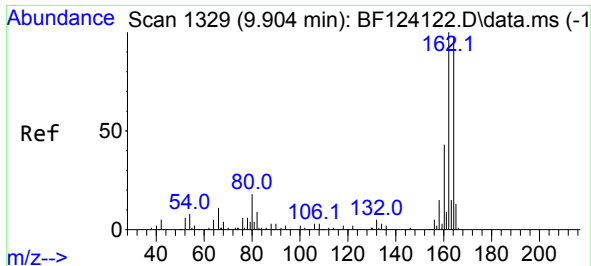
Tgt Ion:142 Resp: 82746
Ion Ratio Lower Upper
142 100
141 94.4 71.8 107.6



#38
1-Methylnaphthalene
Concen: 10.34 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

Tgt Ion:142 Resp: 47547
Ion Ratio Lower Upper
142 100
141 100.5 72.8 109.2

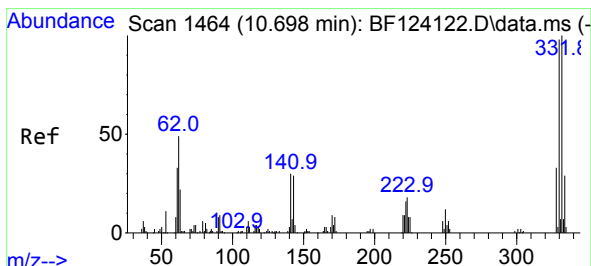
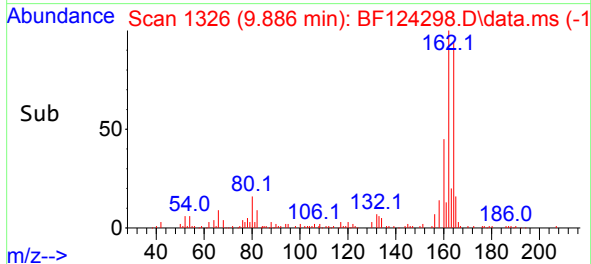
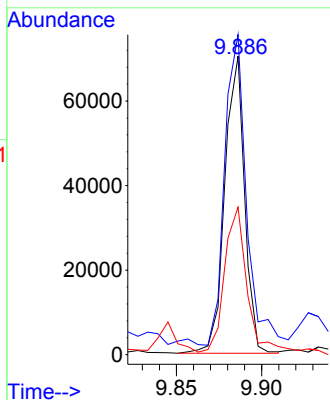
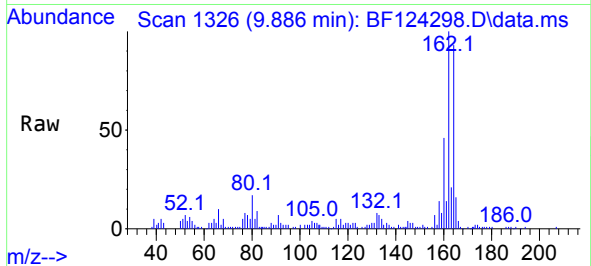




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

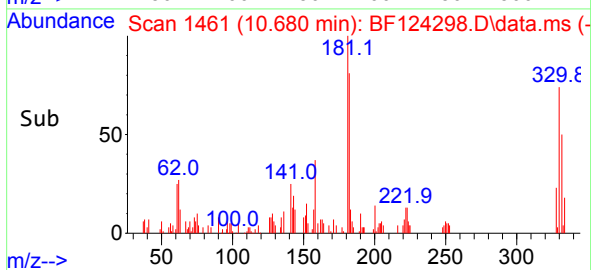
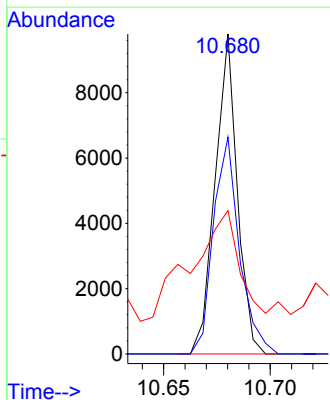
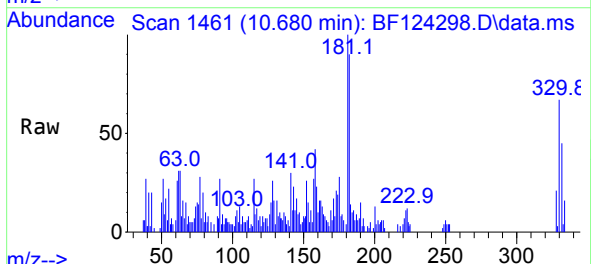
Instrument :
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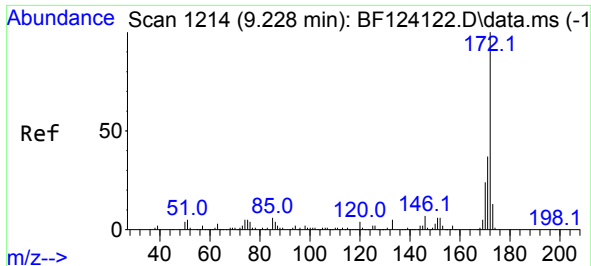
Tgt Ion:164 Resp: 56863
Ion Ratio Lower Upper
164 100
162 107.2 80.7 121.1
160 49.5 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 8.79 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

Tgt Ion:330 Resp: 7083
Ion Ratio Lower Upper
330 100
332 79.6 77.1 115.7
141 75.7 27.9 41.9#

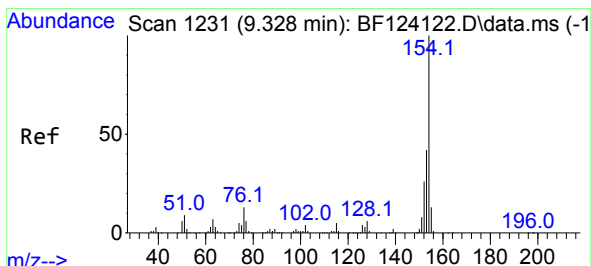
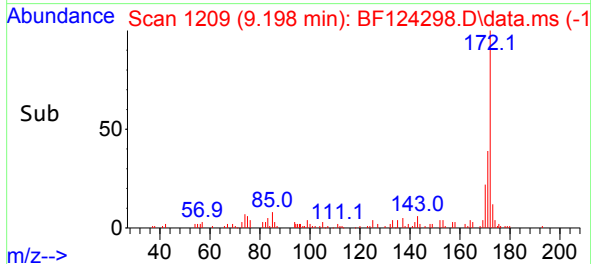
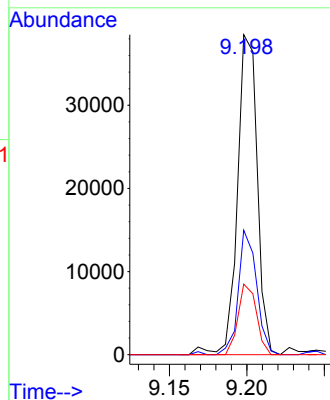
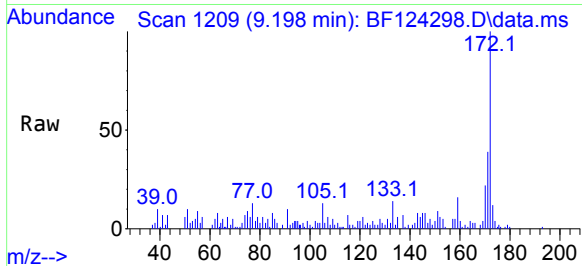




#45
2-Fluorobiphenyl
Concen: 7.58 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

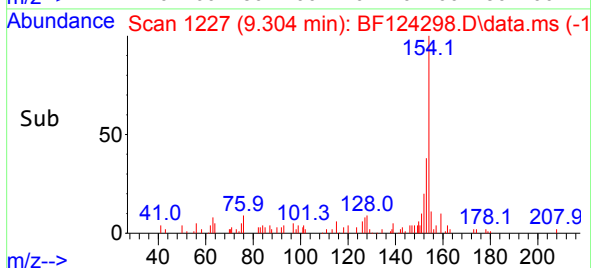
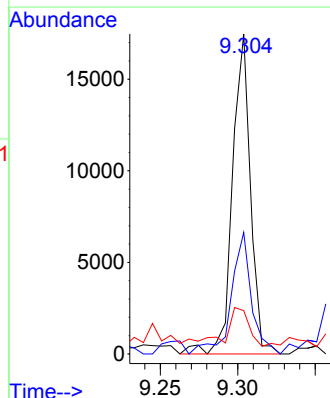
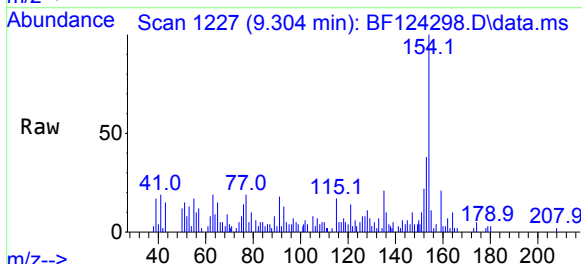
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

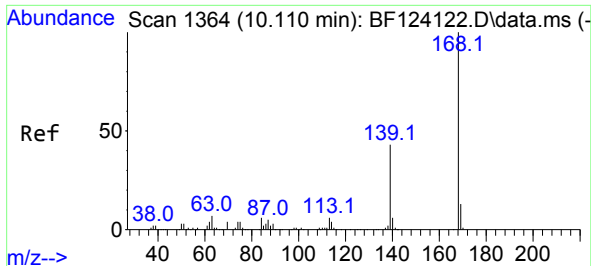
Tgt Ion:172	Resp:	34263
Ion Ratio	Lower	Upper
172	100	
171	38.9	28.1 42.1
170	22.1	19.2 28.8



#46
1,1'-Biphenyl
Concen: 2.95 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

Tgt Ion:154	Resp:	14158
Ion Ratio	Lower	Upper
154	100	
153	38.0	20.7 60.7
76	13.6	0.0 31.7

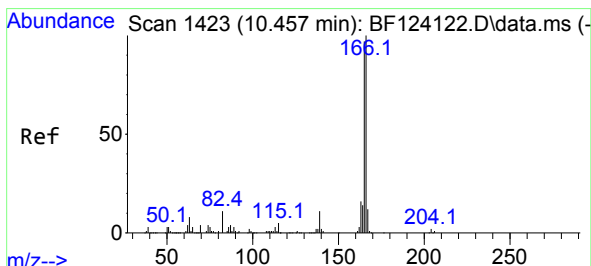
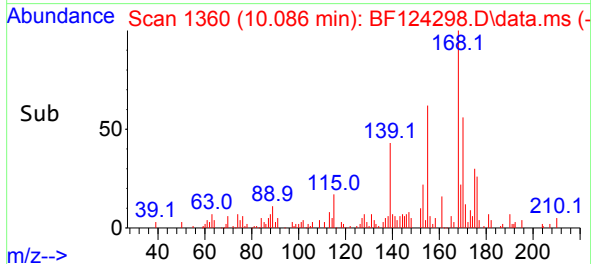
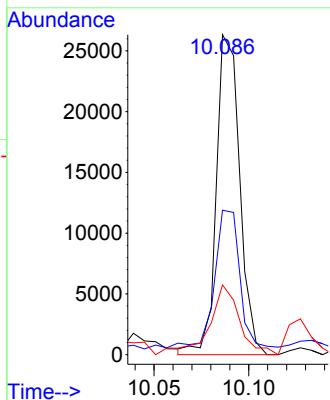
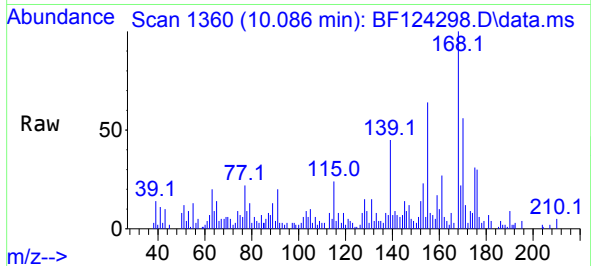




#55
Dibenzenofuran
Concen: 3.89 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

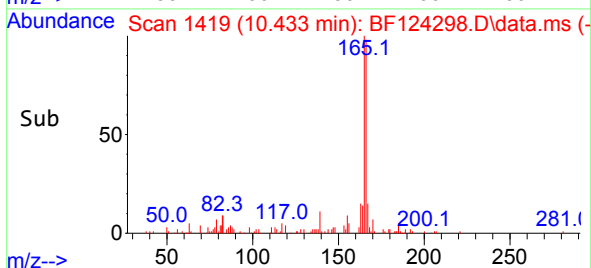
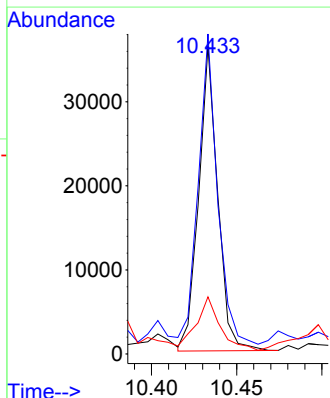
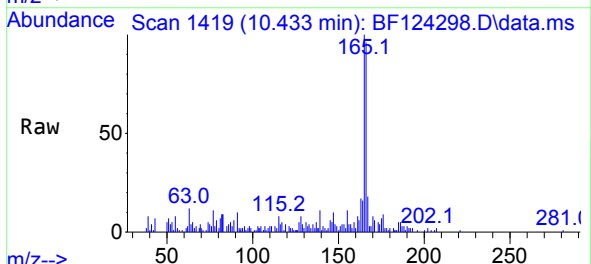
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

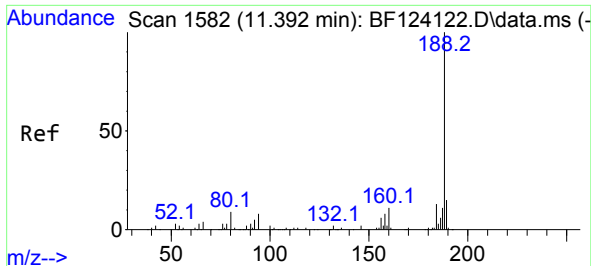
Tgt Ion:168 Resp: 22592
Ion Ratio Lower Upper
168 100
139 45.1 33.2 49.8
169 21.8 10.8 16.2#



#58
Fluorene
Concen: 6.33 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

Tgt Ion:166 Resp: 28193
Ion Ratio Lower Upper
166 100
165 104.0 73.5 110.3
167 18.6 10.7 16.1#



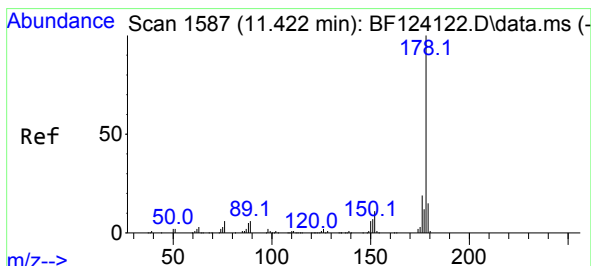
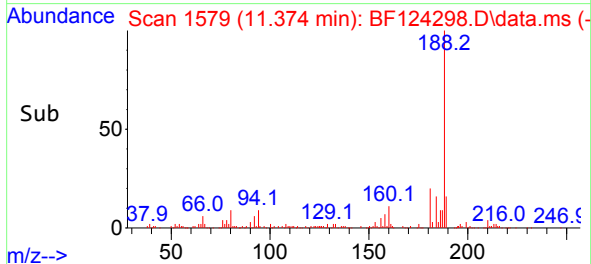
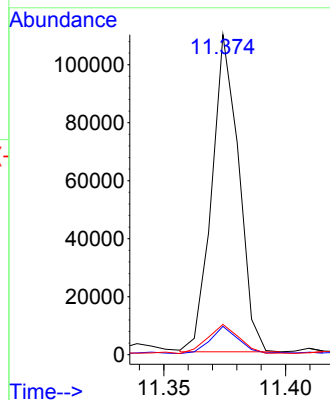
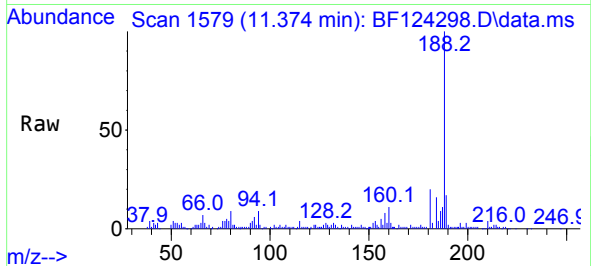


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

Tgt Ion:188 Resp: 84254

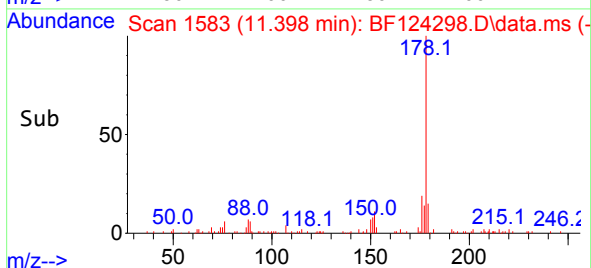
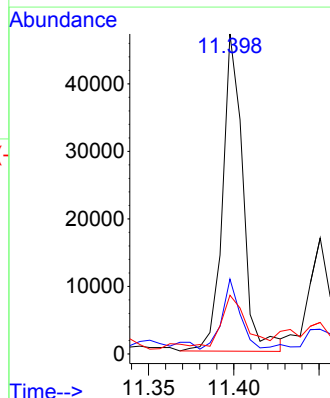
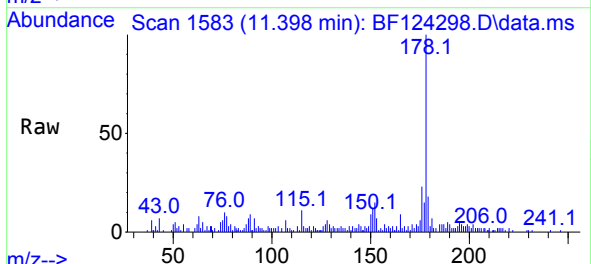
Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	9.4	8.2	12.2

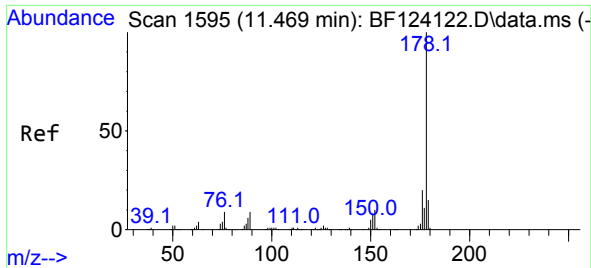


#71
Phenanthrene
Concen: 7.39 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

Tgt Ion:178 Resp: 38903

Ion	Ratio	Lower	Upper
178	100		
176	23.4	15.6	23.4#
179	18.3	12.5	18.7

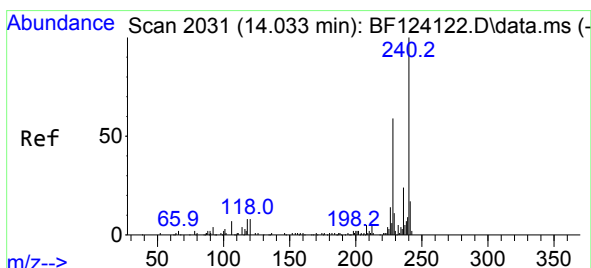
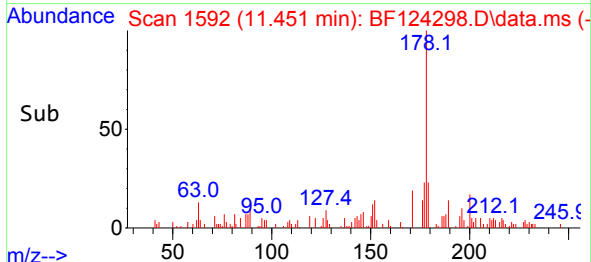
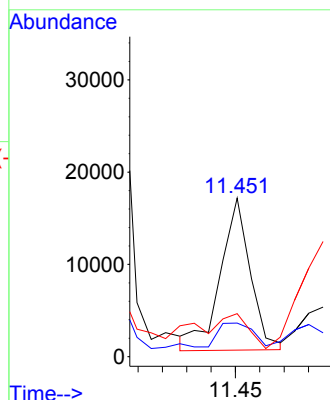
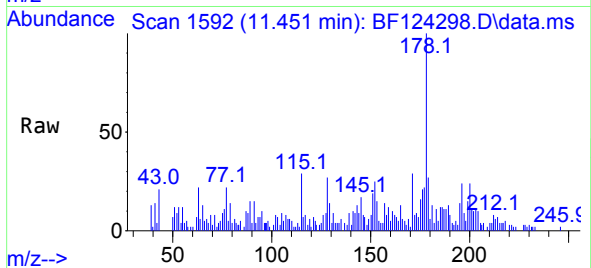




#72
 Anthracene
 Concen: 2.67 ng
 RT: 11.451 min Scan# 1592
 Delta R.T. -0.006 min
 Lab File: BF124298.D
 Acq: 12 Jun 2021 21:30

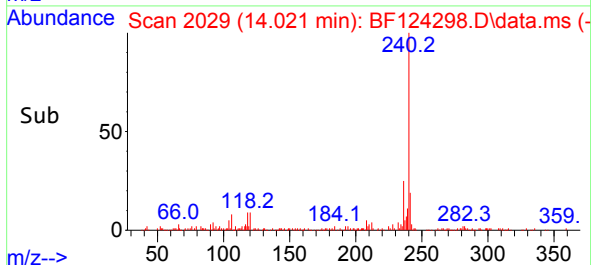
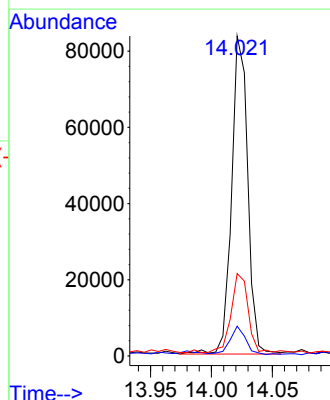
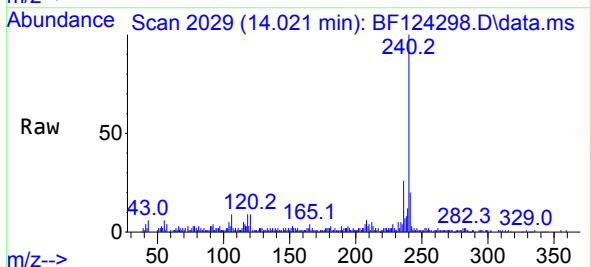
Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-04-060921DL

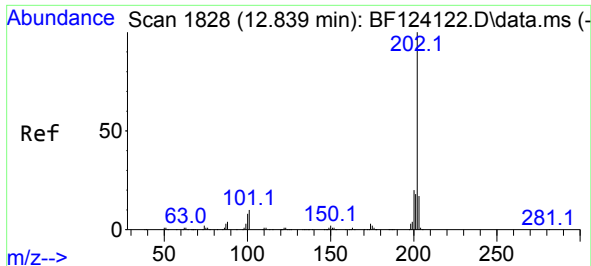
Tgt Ion:	178	Resp:	14164
Ion Ratio	Lower	Upper	
178	100		
176	21.2	15.4	23.0
179	27.1	12.6	18.8#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: BF124298.D
 Acq: 12 Jun 2021 21:30

Tgt Ion:	240	Resp:	77044
Ion Ratio	Lower	Upper	
240	100		
120	9.3	7.2	10.8
236	25.7	19.0	28.4

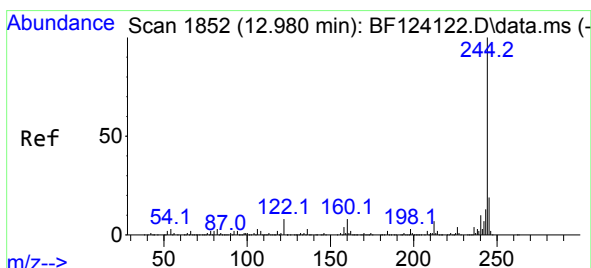
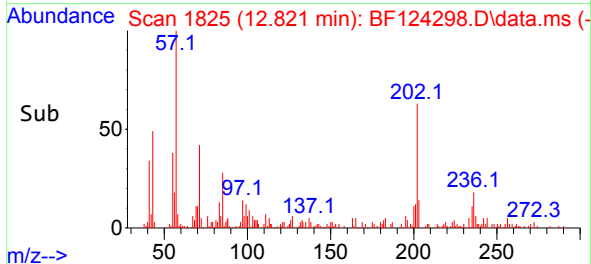
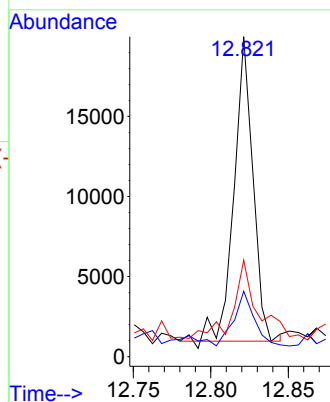
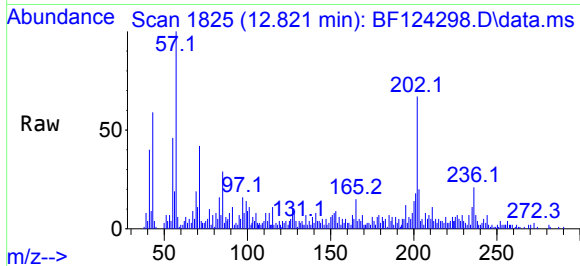




#78
Pyrene
Concen: 2.20 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

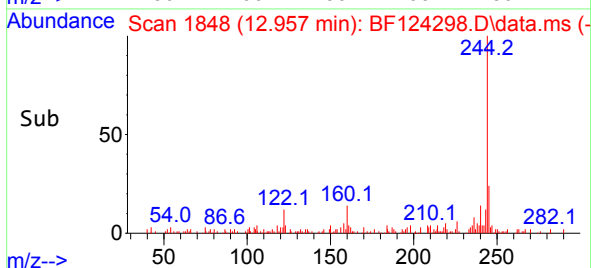
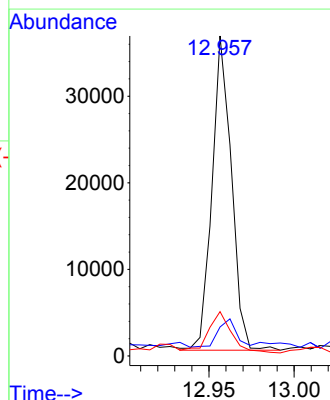
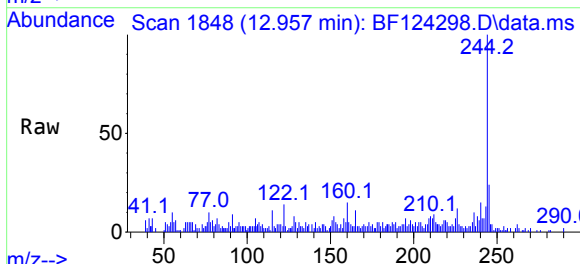
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921DL

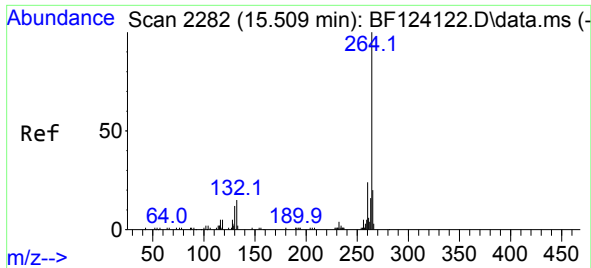
Tgt Ion:202 Resp: 16259
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 30.2 14.8 22.2#



#79
Terphenyl-d14
Concen: 5.14 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124298.D
Acq: 12 Jun 2021 21:30

Tgt Ion:244 Resp: 28837
Ion Ratio Lower Upper
244 100
212 9.1 5.7 8.5#
122 13.9 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.503 min Scan# 2281
 Delta R.T. 0.012 min
 Lab File: BF124298.D
 Acq: 12 Jun 2021 21:30

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-04-060921DL

Tgt Ion:264	Resp:	48503
Ion Ratio	Lower	Upper
264	100	
260	22.6	18.7 28.1
265	21.1	17.8 26.8

