

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123494.D
 Acq On : 26 Mar 2021 19:29
 Operator : JU/CG
 Sample : M1777-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 245

Quant Time: Mar 26 22:58:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

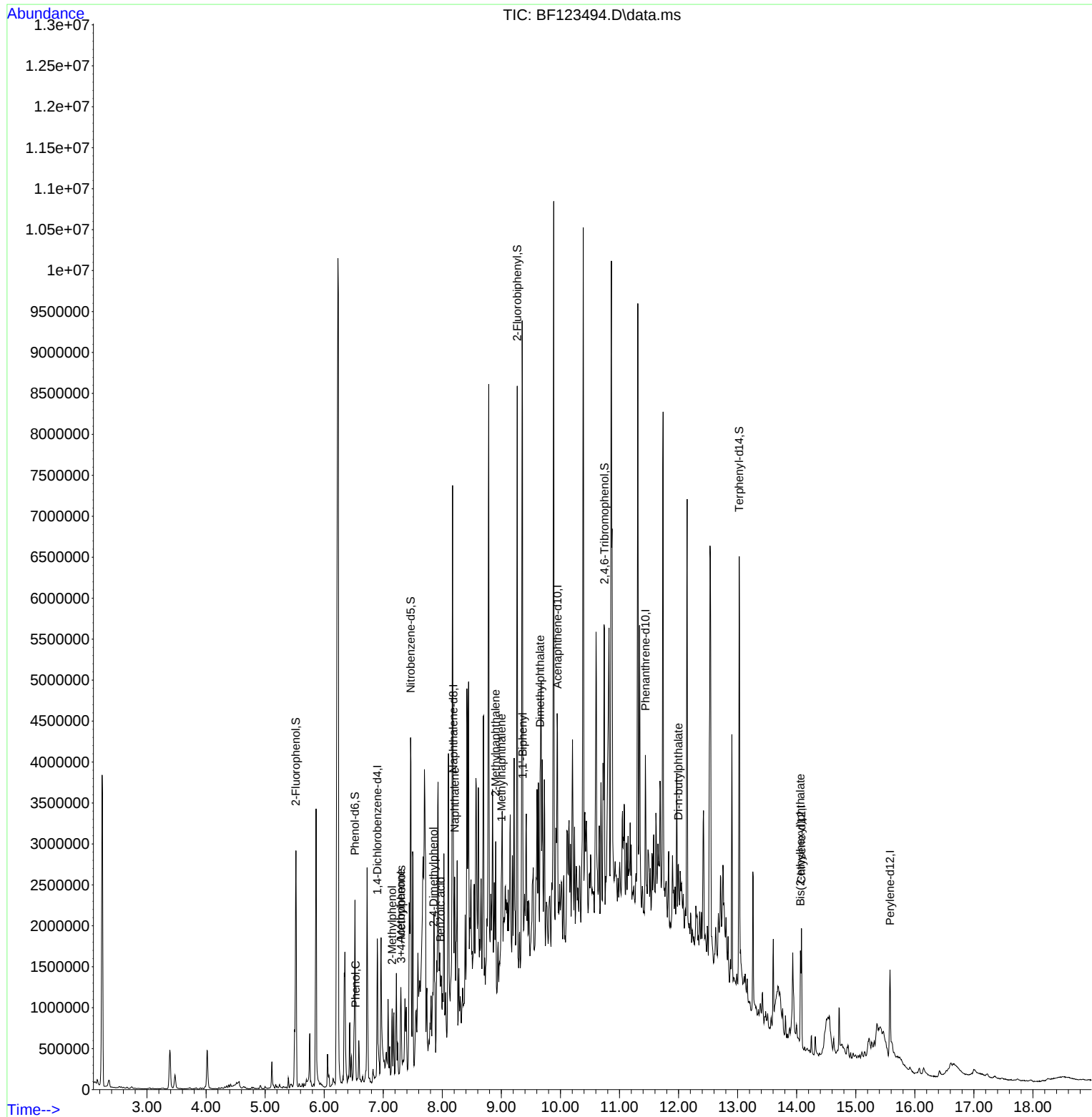
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	232425	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	781592	20.00	ng	# 0.00
39) Acenaphthene-d10	9.951	164	423469	20.00	ng	0.00
64) Phenanthrene-d10	11.439	188	660070	20.00	ng	0.00
76) Chrysene-d12	14.080	240	449684	20.00	ng	0.00
86) Perylene-d12	15.580	264	465058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	815975	57.43	ng	0.00
7) Phenol-d6	6.522	99	620312	32.80	ng	0.00
23) Nitrobenzene-d5	7.463	82	1355648	93.61	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	540517	114.17	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2204181	74.36	ng	0.00
79) Terphenyl-d14	13.027	244	1821796	68.66	ng	0.00
Target Compounds						
10) Phenol	6.534	94	62830	3.24	ng	Qvalue 96
17) 2-Methylphenol	7.151	107	99162	7.70	ng	93
20) 3+4-Methylphenols	7.304	107	59153	3.69	ng	91
22) Acetophenone	7.298	105	186431	9.50	ng	# 72
27) 2,4-Dimethylphenol	7.851	122	68619	5.39	ng	94
31) Naphthalene	8.210	128	356718	8.49	ng	# 92
32) Benzoic acid	7.969	122	135026	17.98	ng	90
37) 2-Methylnaphthalene	8.904	142	391156	13.58	ng	100
38) 1-Methylnaphthalene	9.004	142	240090	8.88	ng	99
46) 1,1'-Biphenyl	9.363	154	118159	3.62	ng	97
50) Dimethylphthalate	9.657	163	114836	3.82	ng	# 90
74) Di-n-butylphthalate	11.998	149	146505	3.71	ng	# 97
84) Bis(2-ethylhexyl)phtha...	14.062	149	280260	14.80	ng	99

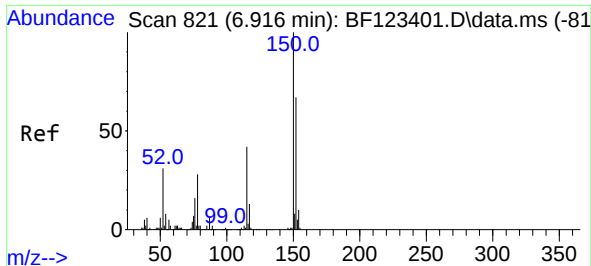
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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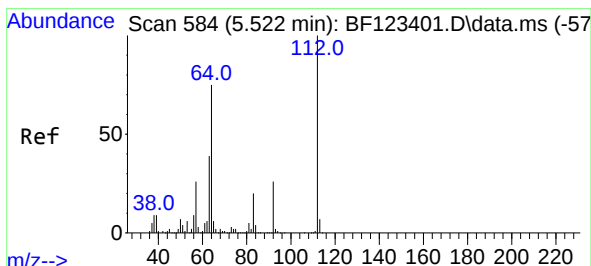
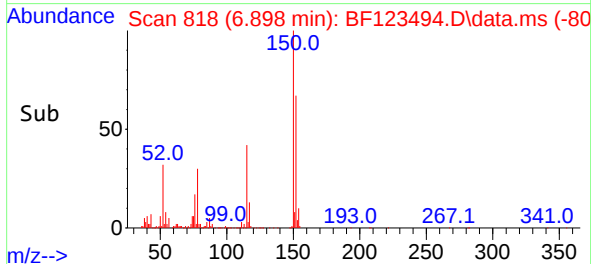
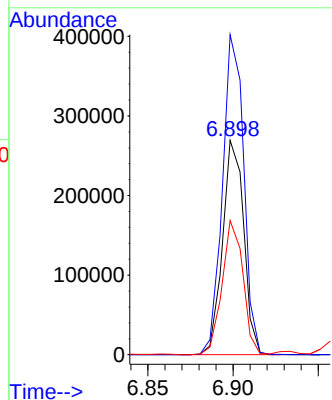
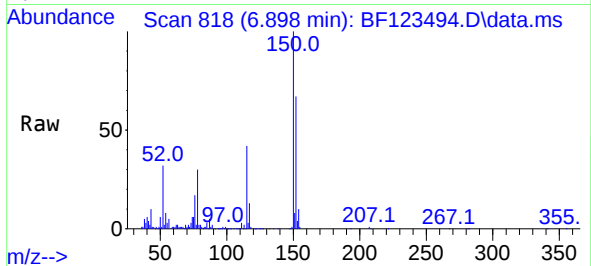




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

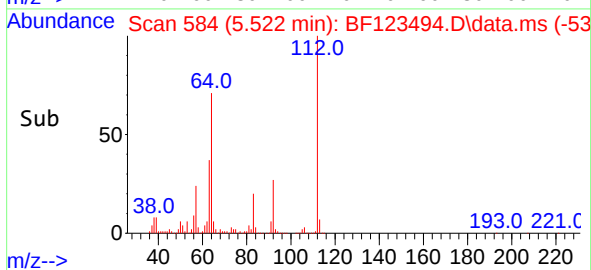
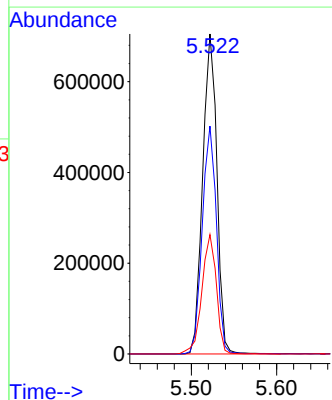
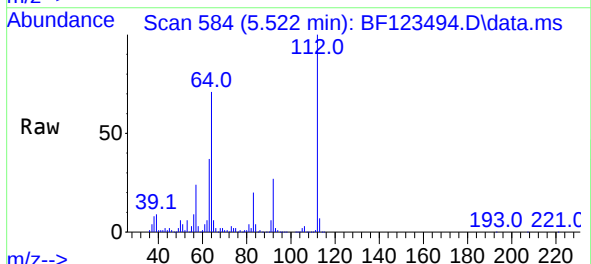
Instrument :
BNA_F
ClientSampled :
245

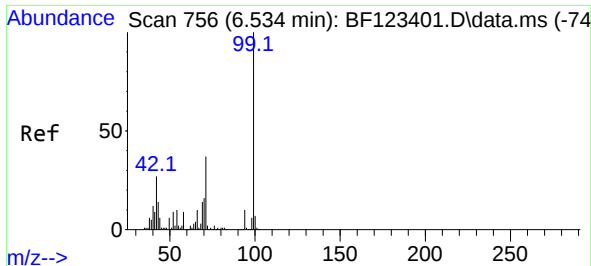
Tgt Ion:152 Resp: 232425
Ion Ratio Lower Upper
152 100
150 149.4 125.8 188.6
115 62.6 49.3 73.9



#5
2-Fluorophenol
Concen: 57.43 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Tgt Ion:112 Resp: 815975
Ion Ratio Lower Upper
112 100
64 71.2 46.9 70.3#
63 37.3 24.5 36.7#

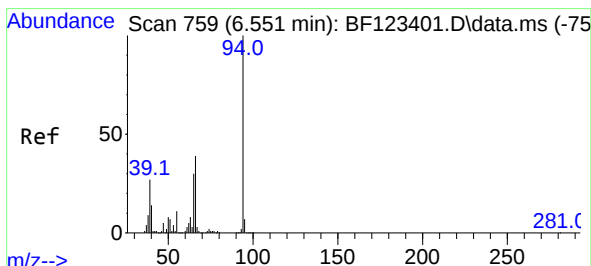
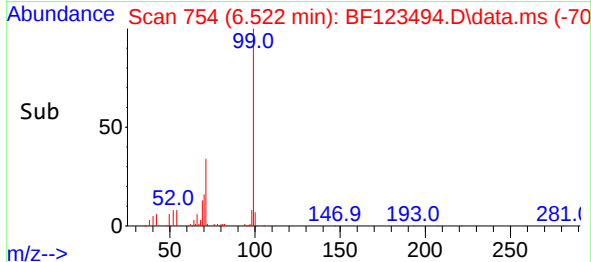
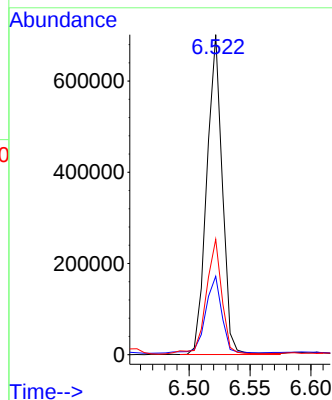
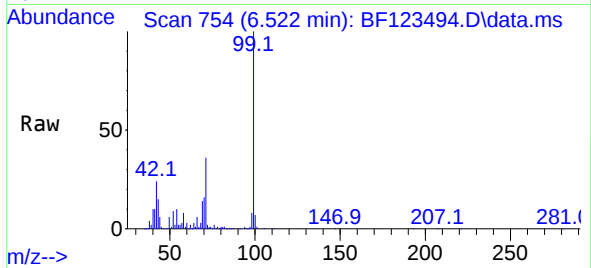




#7
Phenol-d6
Concen: 32.80 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

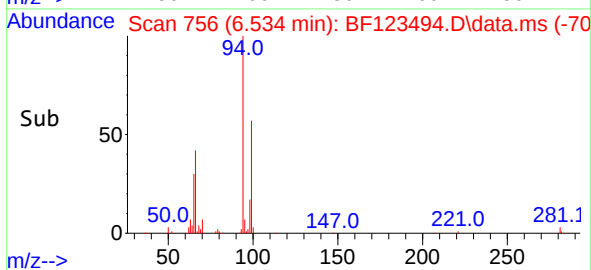
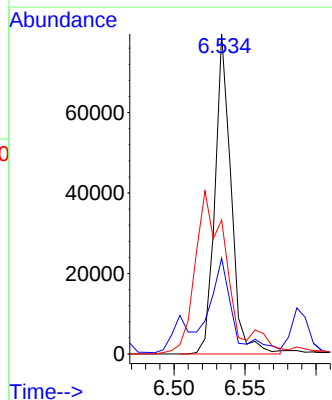
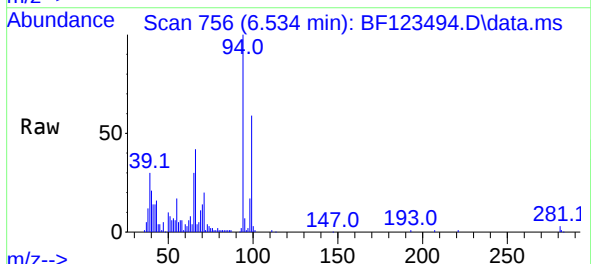
Instrument :
BNA_F
ClientSampled :
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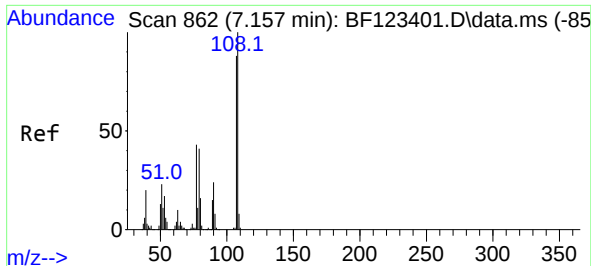
Tgt Ion: 99 Resp: 620312
Ion Ratio Lower Upper
99 100
42 24.5 13.8 20.6#
71 36.0 26.9 40.3



#10
Phenol
Concen: 3.24 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Tgt Ion: 94 Resp: 62830
Ion Ratio Lower Upper
94 100
65 29.9 11.2 51.2
66 41.9 25.8 65.8



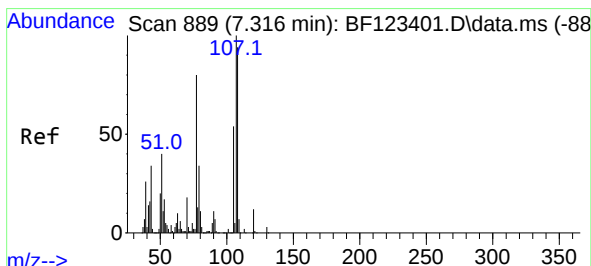
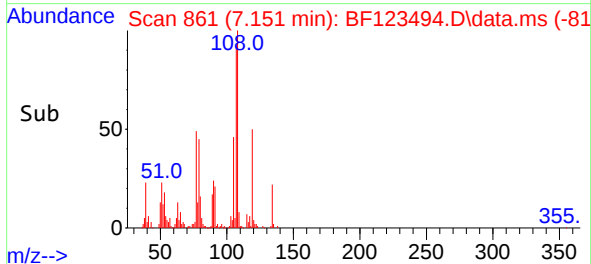
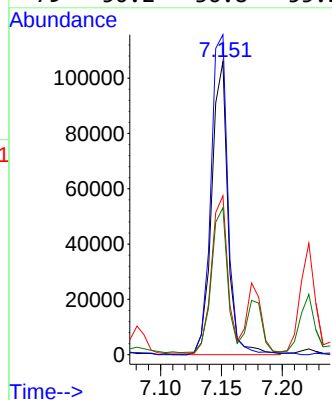
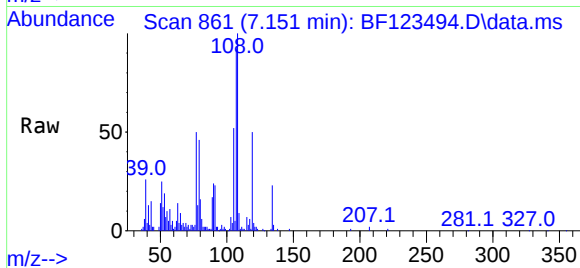


#17
2-Methylphenol
Concen: 7.70 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Instrument :
BNA_F
ClientSampled :
245

Tgt Ion:107 Resp: 99162

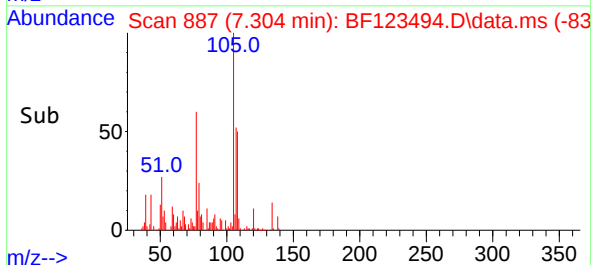
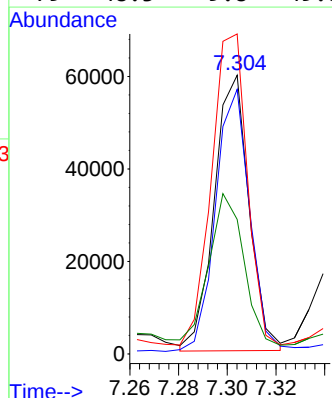
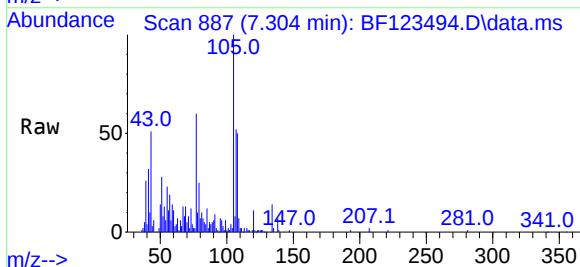
Ion	Ratio	Lower	Upper
107	100		
108	109.2	91.1	136.7
77	54.2	36.3	54.5
79	50.2	36.8	55.2

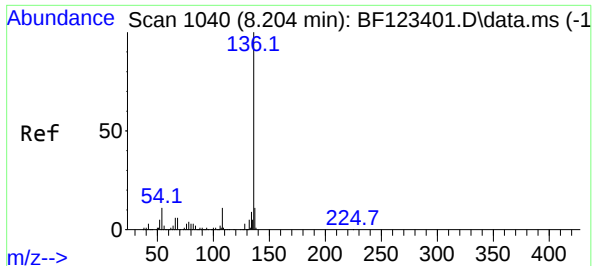


#20
3+4-Methylphenols
Concen: 3.69 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Tgt Ion:107 Resp: 59153

Ion	Ratio	Lower	Upper
107	100		
108	95.0	68.7	108.7
77	114.8	89.8	129.8
79	48.3	9.8	49.8



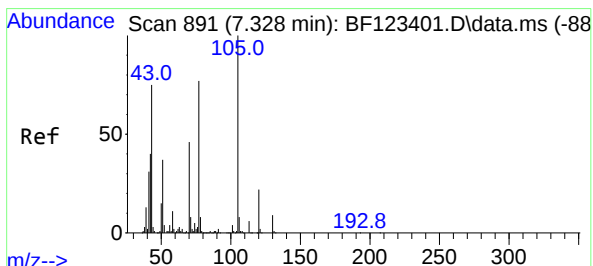
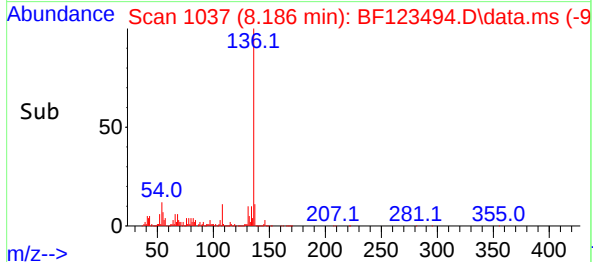
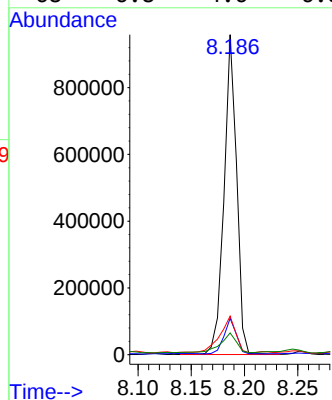
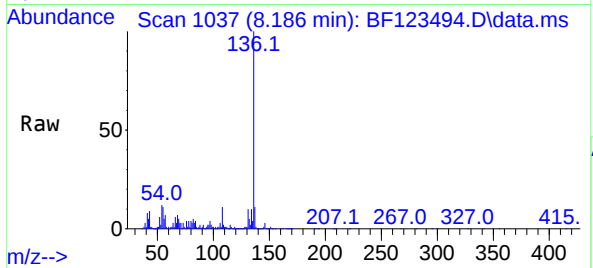


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Instrument :
BNA_F
ClientSampled :
245

Tgt Ion:136 Resp: 781592

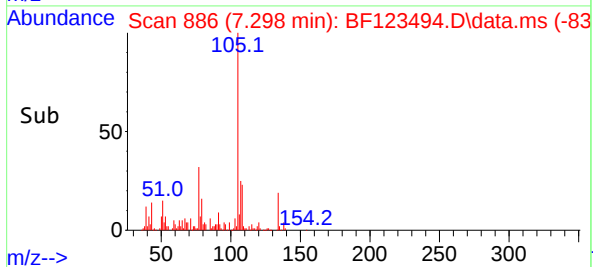
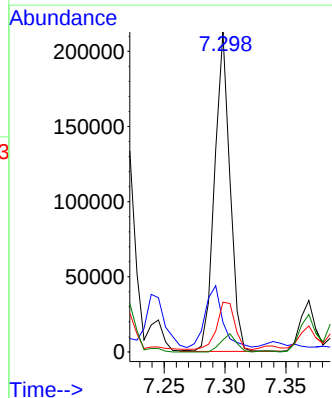
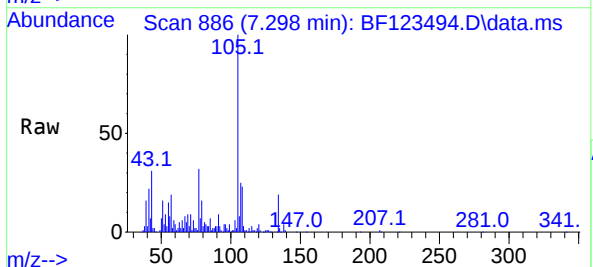
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	12.1	5.5	8.3#
68	6.8	4.6	6.8

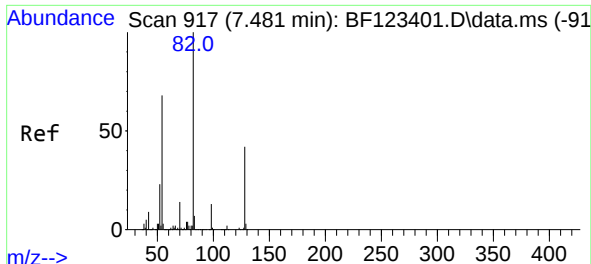


#22
Acetophenone
Concen: 9.50 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Tgt Ion:105 Resp: 186431

Ion	Ratio	Lower	Upper
105	100		
71	9.3	6.5	9.7
51	15.6	24.3	36.5#
120	3.8	18.1	27.1#

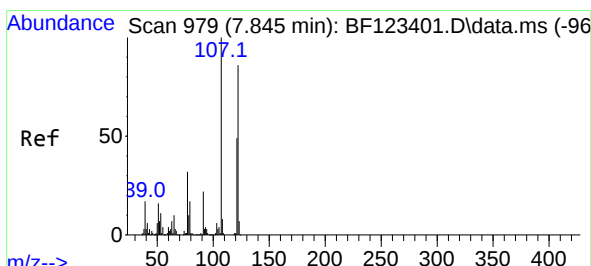
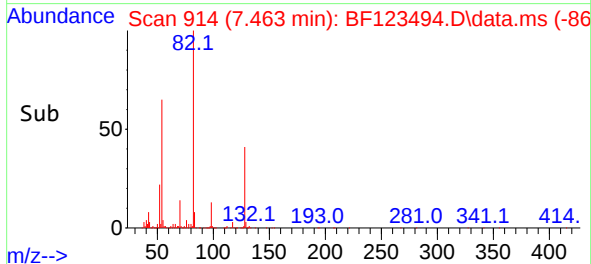
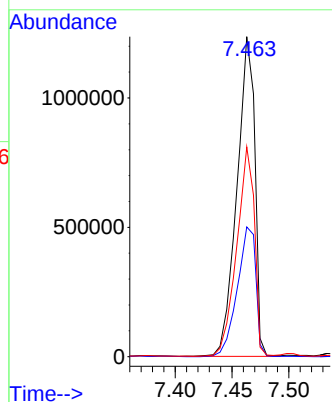
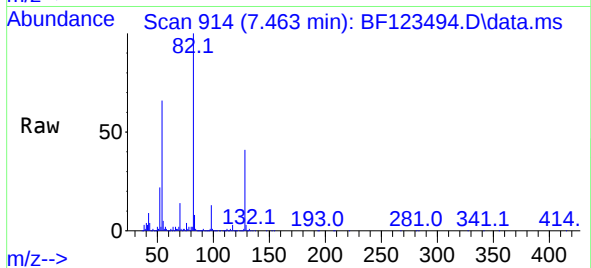




#23
Nitrobenzene-d5
Concen: 93.61 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

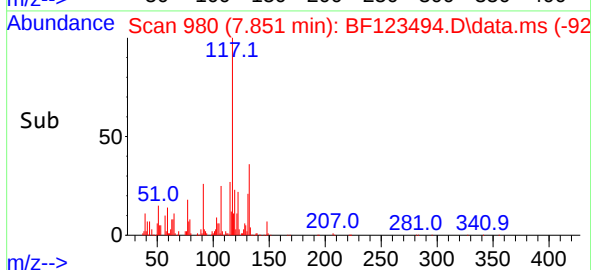
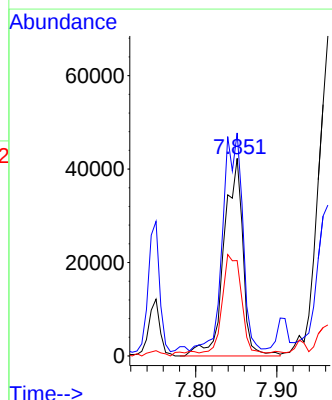
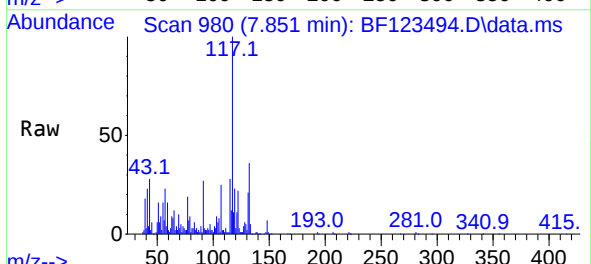
Instrument :
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ClientSampled :
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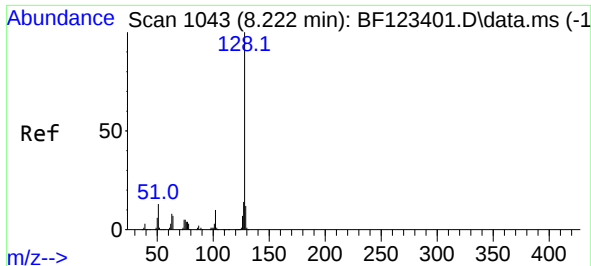
Tgt Ion: 82 Resp: 1355648
Ion Ratio Lower Upper
82 100
128 40.6 37.0 55.4
54 65.5 38.4 57.6#



#27
2,4-Dimethylphenol
Concen: 5.39 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Tgt Ion:122 Resp: 68619
Ion Ratio Lower Upper
122 100
107 112.9 91.8 137.8
121 48.3 47.3 70.9

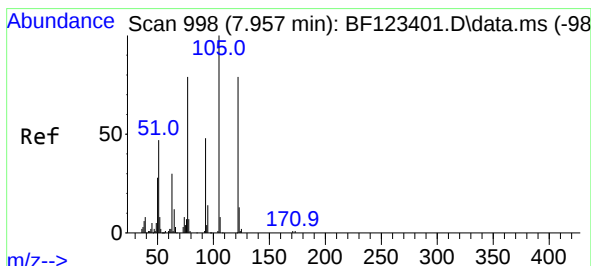
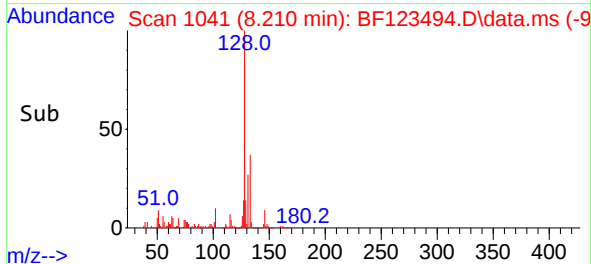
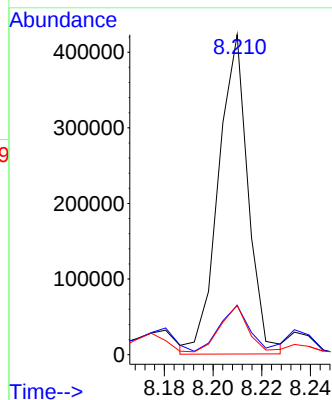
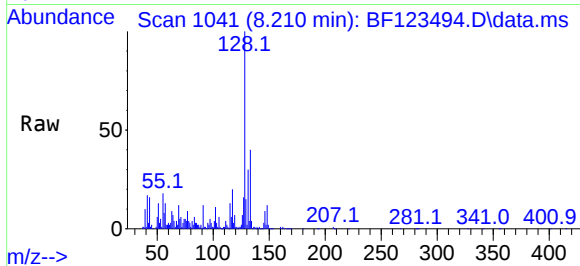




#31
Naphthalene
Concen: 8.49 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

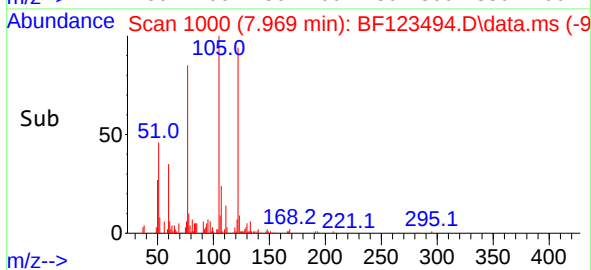
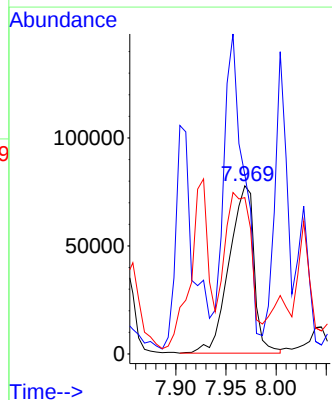
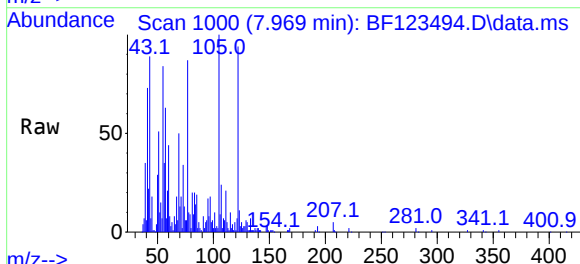
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ClientSampled :
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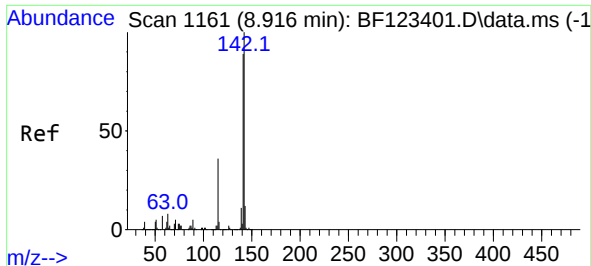
Tgt Ion:128 Resp: 356718
Ion Ratio Lower Upper
128 100
129 15.3 9.0 13.6#
127 15.5 10.7 16.1



#32
Benzoic acid
Concen: 17.98 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.029 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Tgt Ion:122 Resp: 135026
Ion Ratio Lower Upper
122 100
105 106.6 104.8 144.8
77 93.0 71.0 111.0

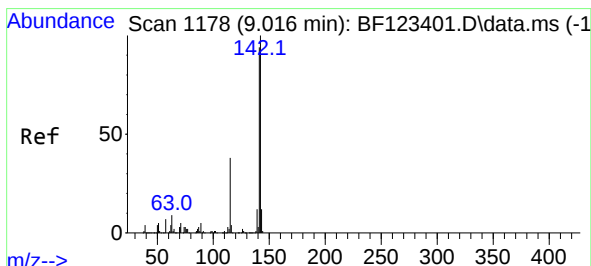
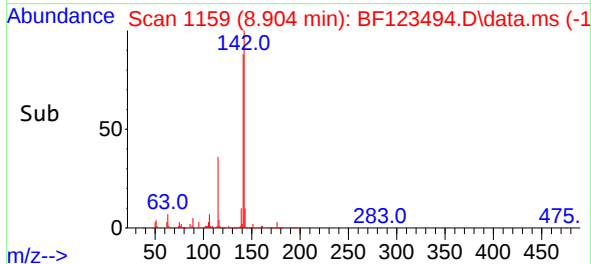
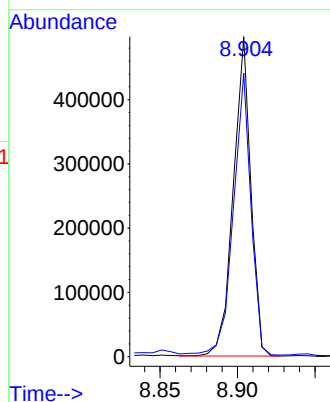
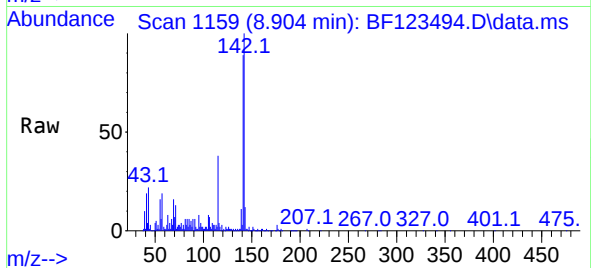




#37
2-Methylnaphthalene
Concen: 13.58 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

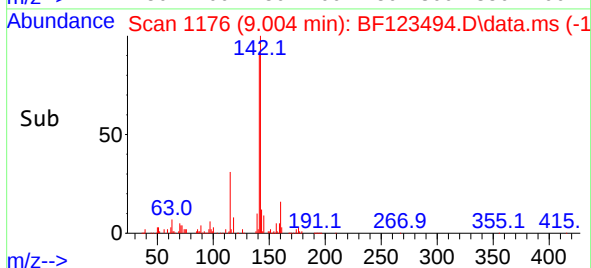
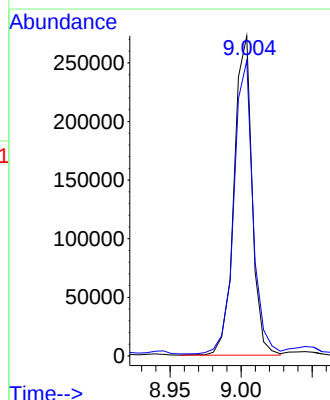
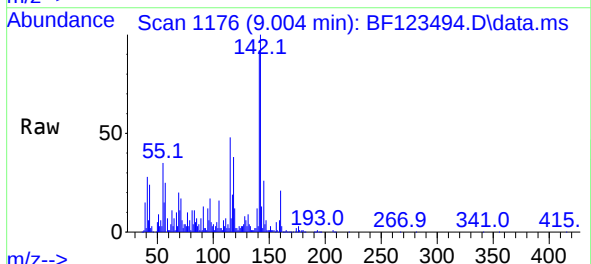
Instrument :
BNA_F
ClientSampled :
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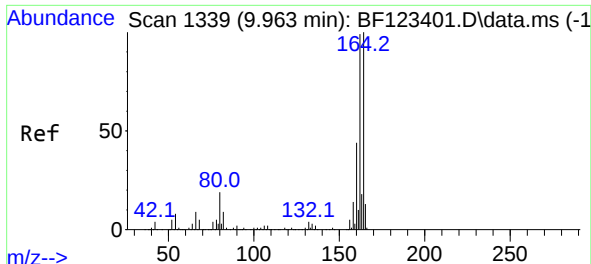
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Ion Ratio Lower Upper
142 100
141 88.6 70.6 106.0



#38
1-Methylnaphthalene
Concen: 8.88 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Tgt Ion:142 Resp: 240090
Ion Ratio Lower Upper
142 100
141 92.3 74.5 111.7

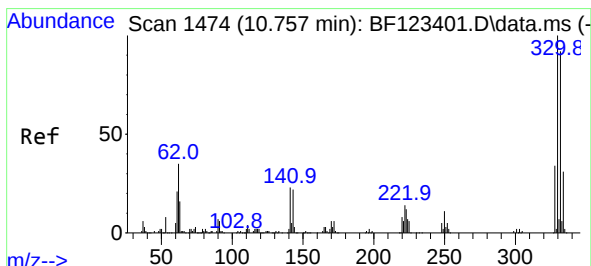
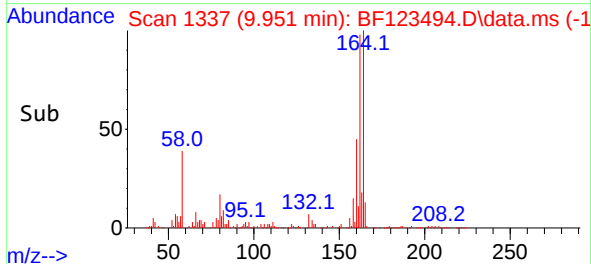
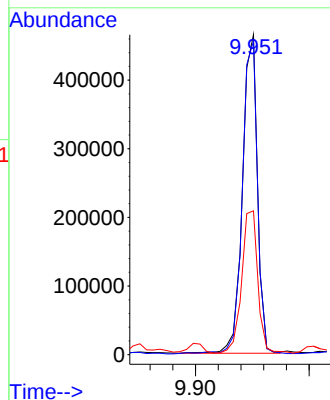
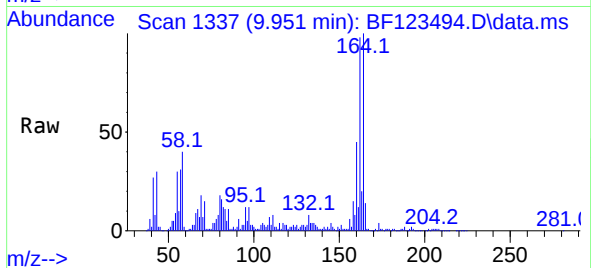




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

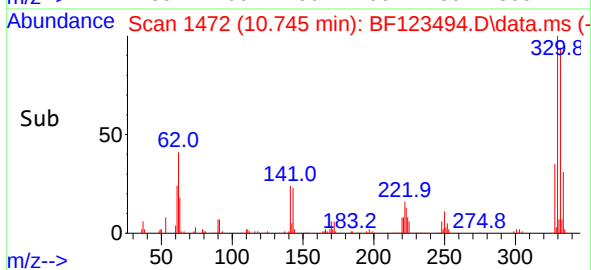
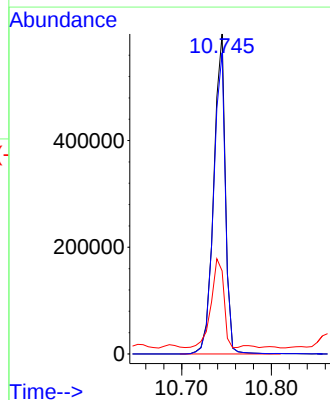
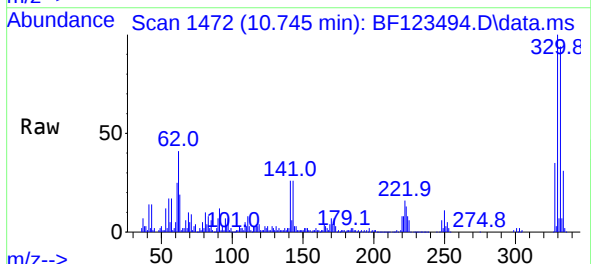
Instrument :
BNA_F
ClientSampled :
245

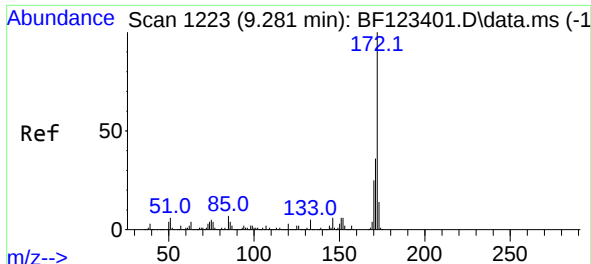
Tgt Ion:164 Resp: 423469
Ion Ratio Lower Upper
164 100
162 98.0 80.8 121.2
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 114.17 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Tgt Ion:330 Resp: 540517
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 30.0 23.8 35.8



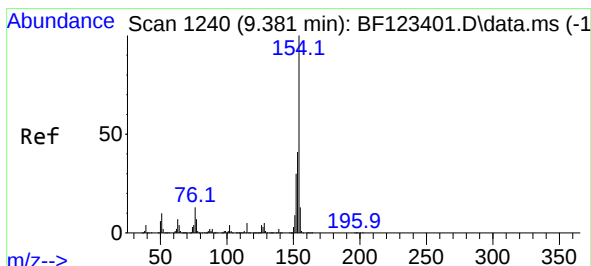
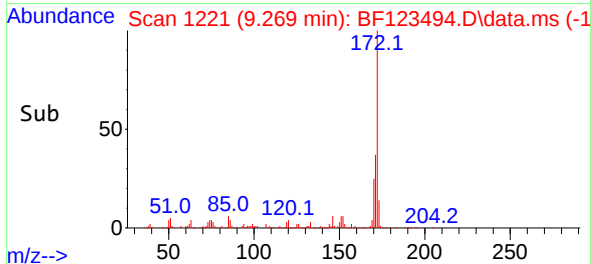
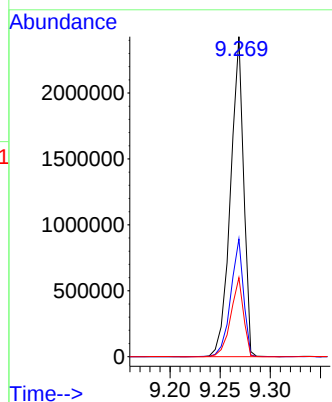
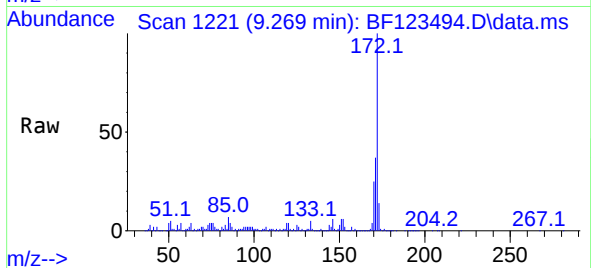


#45
2-Fluorobiphenyl
Concen: 74.36 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Instrument :
BNA_F
ClientSampled :
245

Tgt Ion:172 Resp: 2204181

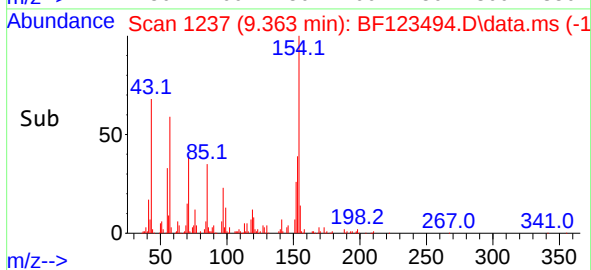
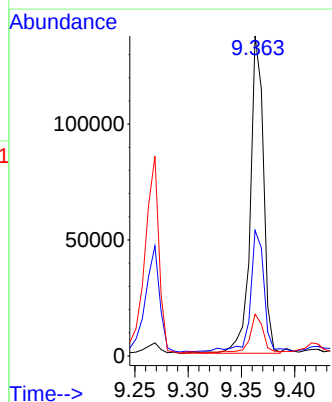
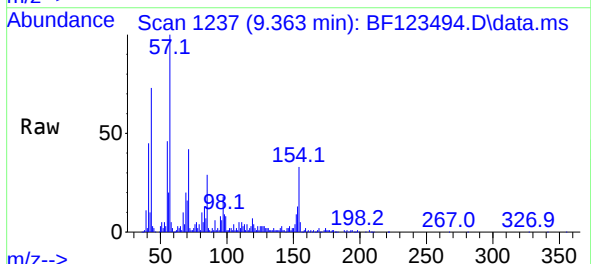
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.7	19.5	29.3

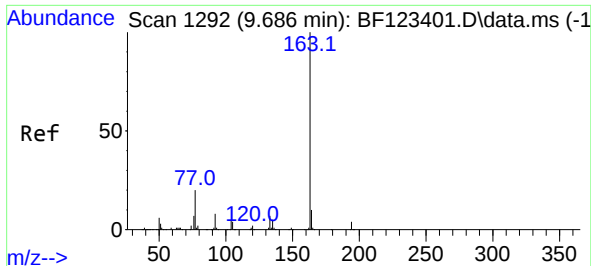


#46
1,1'-Biphenyl
Concen: 3.62 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Tgt Ion:154 Resp: 118159

Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.8	61.8
76	13.1	0.0	33.4

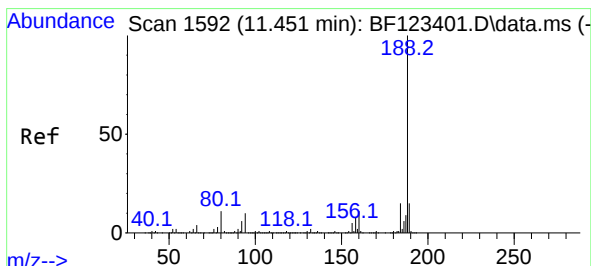
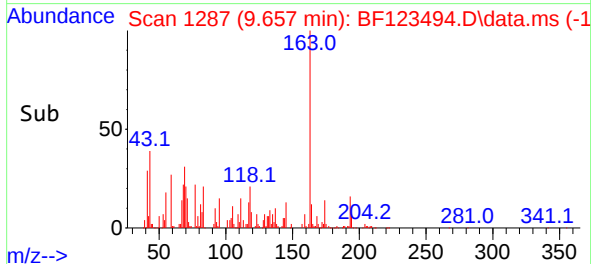
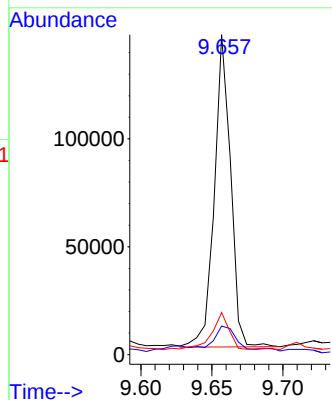
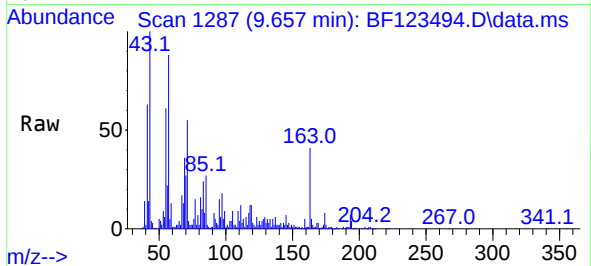




#50
Dimethylphthalate
Concen: 3.82 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

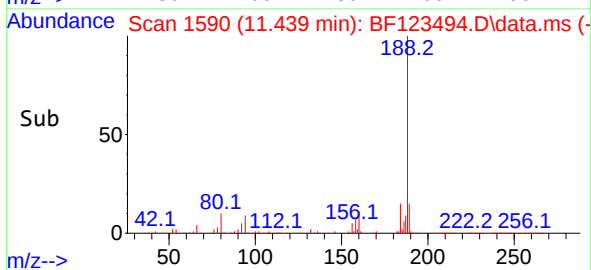
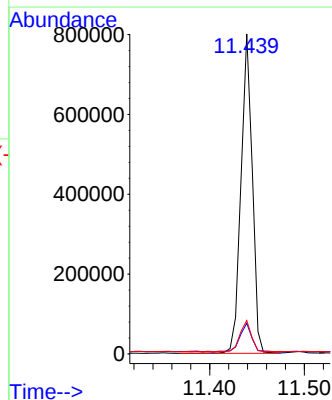
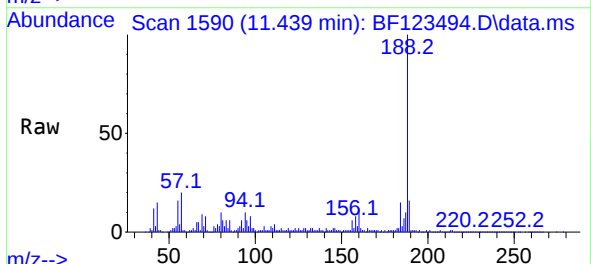
Instrument :
BNA_F
ClientSampled :
245

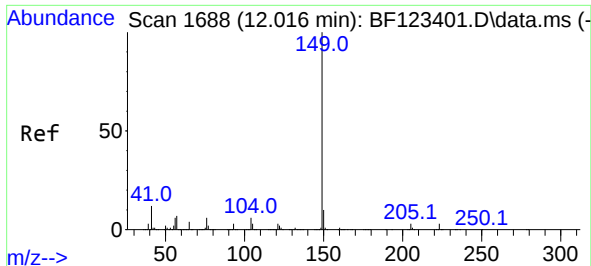
Tgt Ion:163 Resp: 114836
Ion Ratio Lower Upper
163 100
194 9.0 3.4 5.0#
164 13.1 8.1 12.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Tgt Ion:188 Resp: 660070
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.5 8.2 12.4

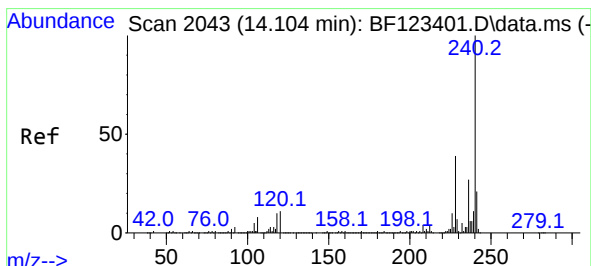
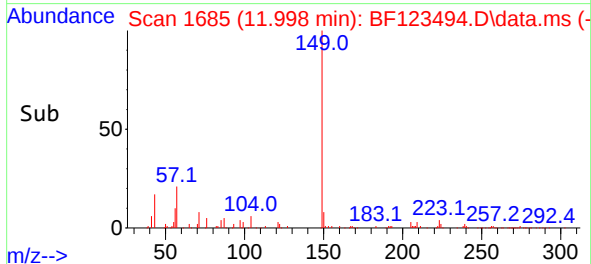
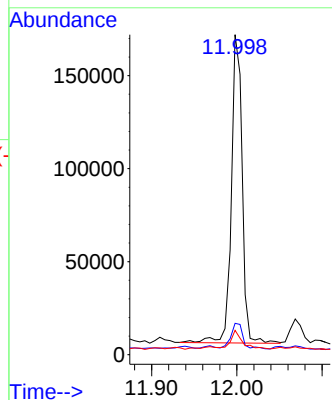
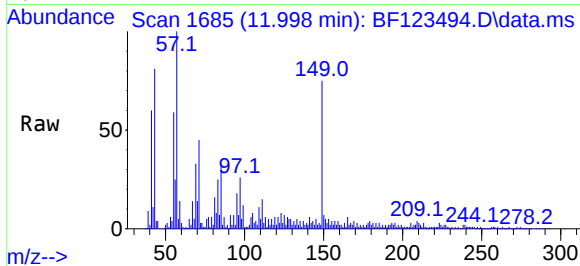




#74
Di-n-butylphthalate
Concen: 3.71 ng
RT: 11.998 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

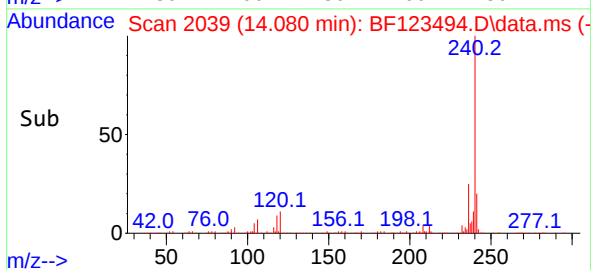
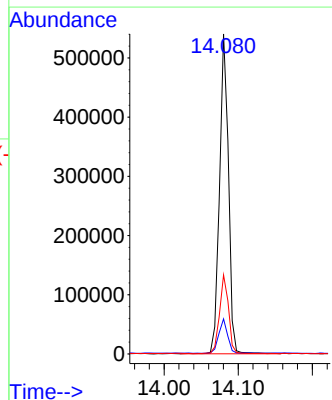
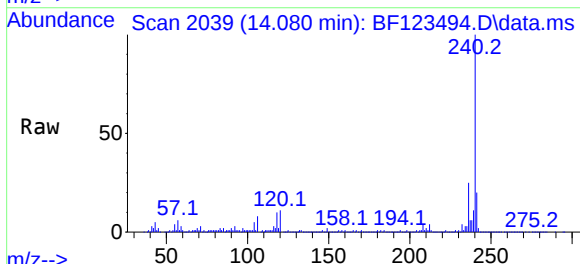
Instrument :
BNA_F
ClientSampled :
245

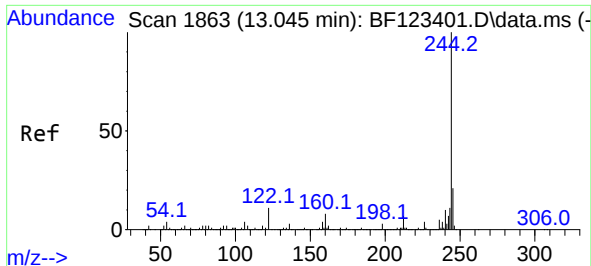
Tgt Ion:149 Resp: 146505
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 7.6 4.2 6.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

Tgt Ion:240 Resp: 449684
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 24.7 20.3 30.5

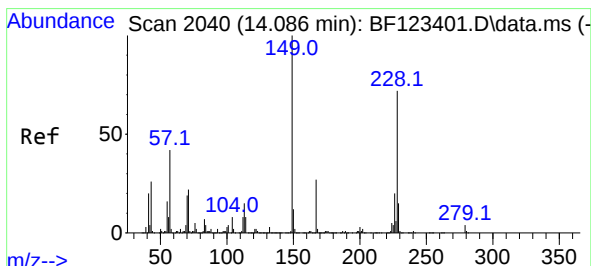
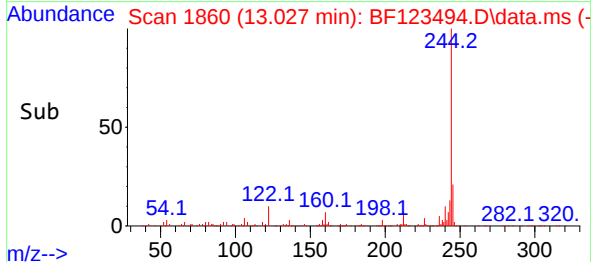
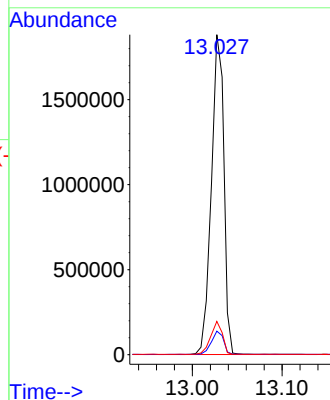
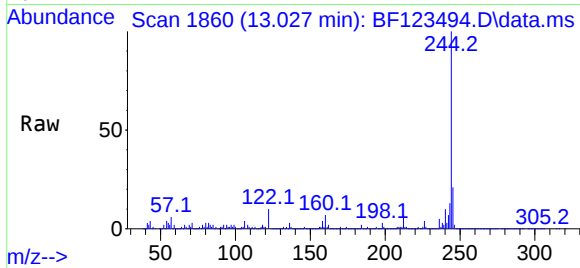




#79
Terphenyl-d14
Concen: 68.66 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

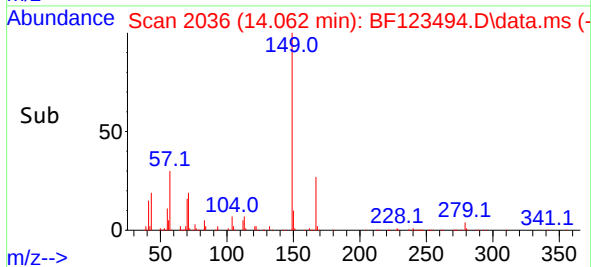
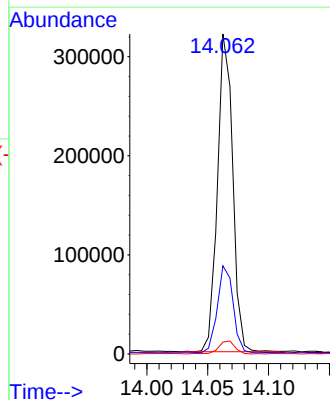
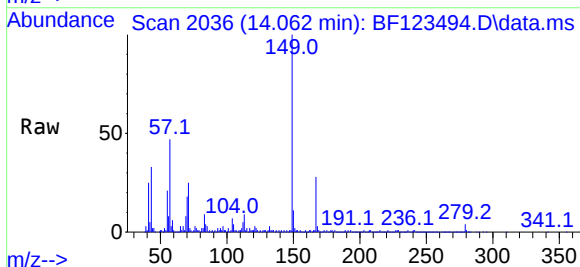
Instrument :
BNA_F
ClientSampled :
245

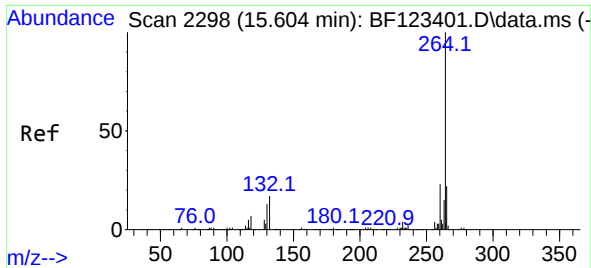
Tgt Ion:244 Resp: 1821796
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.4 8.3 12.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 14.80 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF123494.D
Acq: 26 Mar 2021 19:29

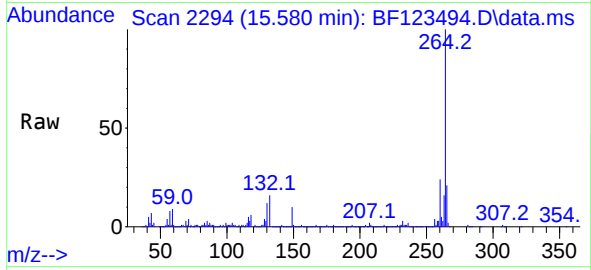
Tgt Ion:149 Resp: 280260
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.2
279 3.7 3.4 5.0





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.000 min
 Lab File: BF123494.D
 Acq: 26 Mar 2021 19:29

Instrument :
 BNA_F
 ClientSampleId :
 245



Tgt Ion:264 Resp: 465058
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 20.7 17.0 25.6

