

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123359.D
 Acq On : 3 Mar 2021 17:01
 Operator : JU/CG
 Sample : M1507-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 4

Instrument :
 BNA_F
 ClientSampleId :
 COMP-14-15

Quant Time: Mar 03 23:53:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 13:18:24 2021
 Response via : Initial Calibration

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

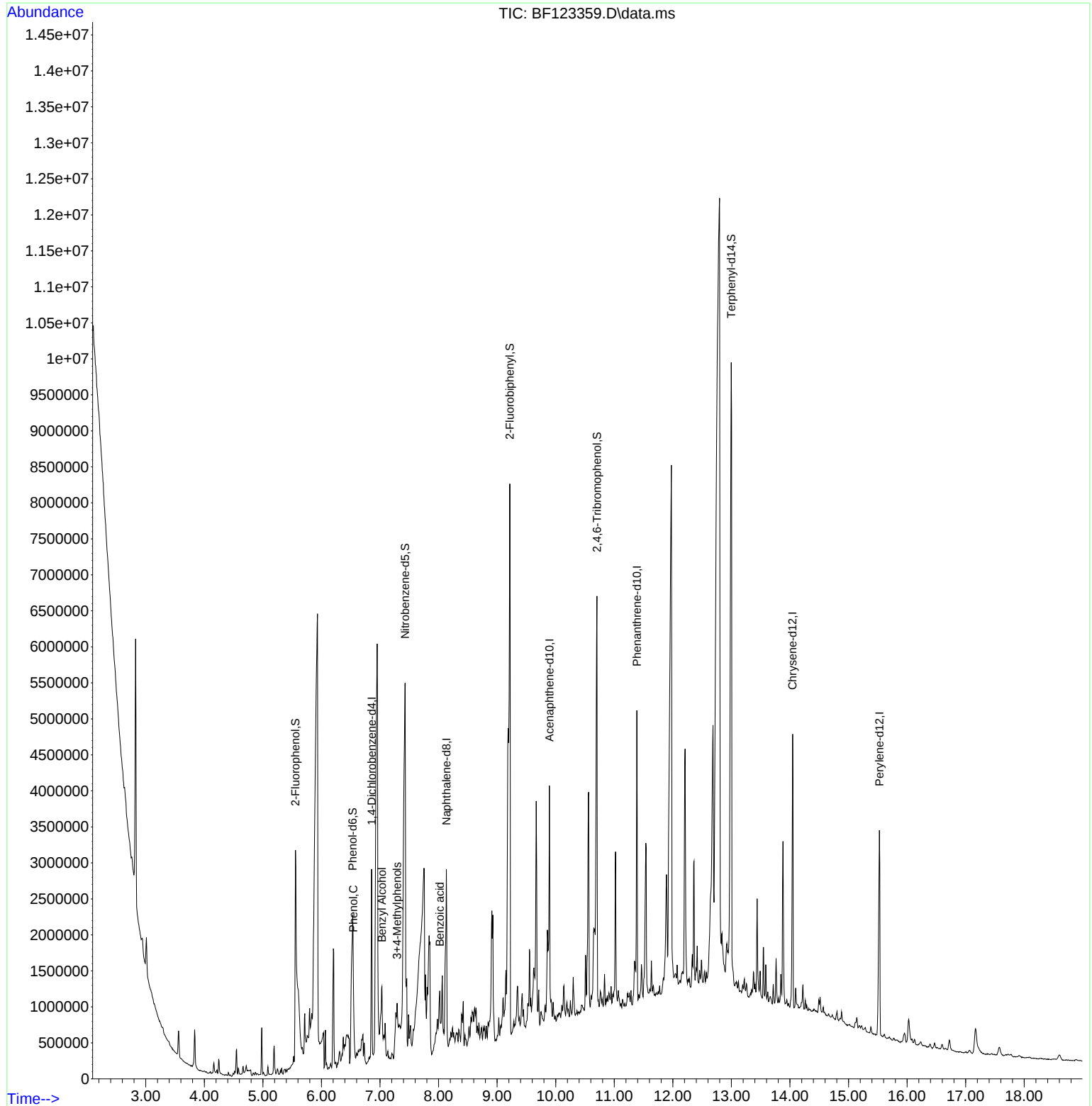
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	440299	80.00	ng	0.01
21) Naphthalene-d8	8.134	136	1816825	80.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	937412	80.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1701889	80.00	ng	0.00
76) Chrysene-d12	14.045	240	1491122	80.00	ng	0.01
86) Perylene-d12	15.527	264	1475313	80.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	2053515	268.53	ng	0.09
7) Phenol-d6	6.534	99	1552412	149.43	ng	0.05
23) Nitrobenzene-d5	7.428	82	3158840	318.36	ng	0.01
42) 2,4,6-Tribromophenol	10.704	330	996918	417.77	ng	0.02
45) 2-Fluorobiphenyl	9.216	172	5032328	308.45	ng	0.00
79) Terphenyl-d14	12.998	244	5017464	258.81	ng	0.03
Target Compounds						
						Qvalue
10) Phenol	6.545	94	265494	23.45	ng	88
15) Benzyl Alcohol	7.034	79	362493	44.75	ng	94
20) 3+4-Methylphenols	7.292	107	159510	17.58	ng	# 63
22) Acetophenone	7.269	105	64237	5.45	ng	# 61
32) Benzoic acid	8.022	122	247839	49.53	ng	# 84
37) 2-Methylnaphthalene	8.845	142	84229	5.08	ng	95
38) 1-Methylnaphthalene	8.945	142	66467	4.29	ng	100
50) Dimethylphthalate	9.610	163	76829	4.38	ng	# 95

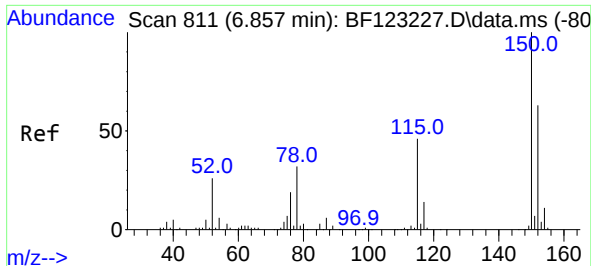
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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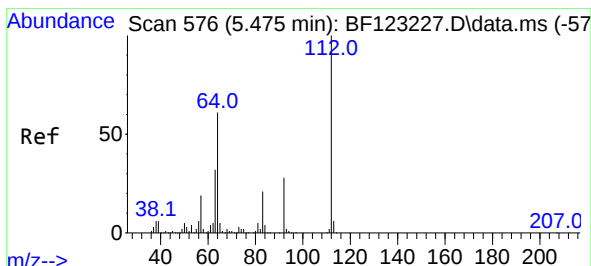
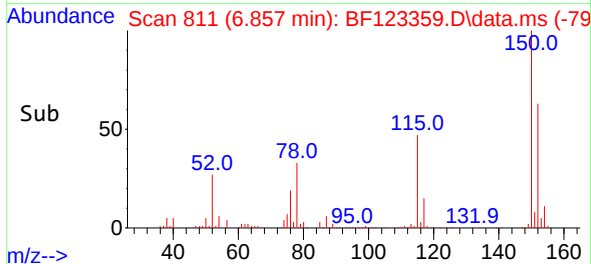
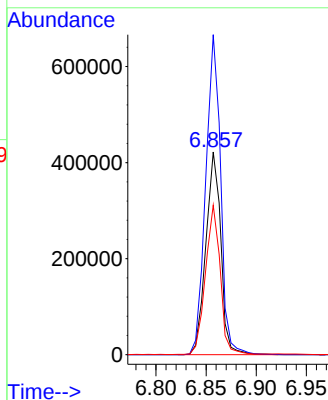
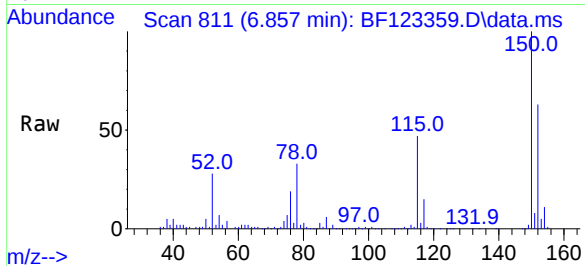




#1
1,4-Dichlorobenzene-d4
Concen: 80.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.012 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

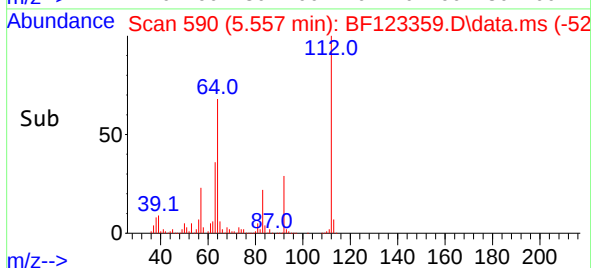
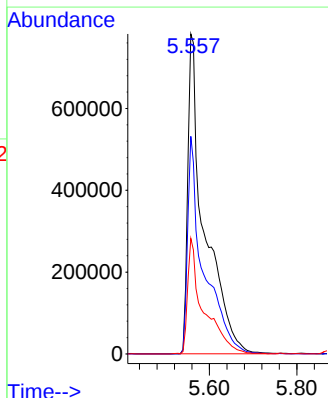
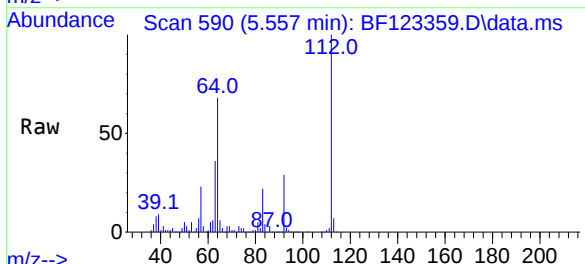
Instrument :
BNA_F
ClientSampleId :
COMP-14-15

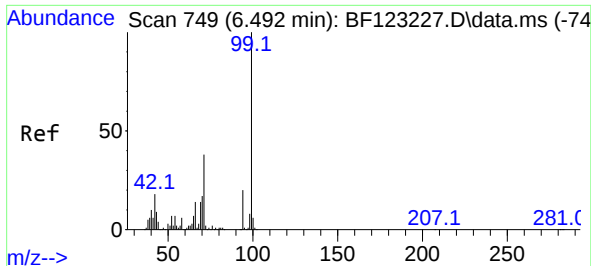
Tgt Ion:152 Resp: 440299
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 73.7 49.3 73.9



#5
2-Fluorophenol
Concen: 268.53 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.088 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion:112 Resp: 2053515
Ion Ratio Lower Upper
112 100
64 68.0 46.9 70.3
63 36.1 24.5 36.7



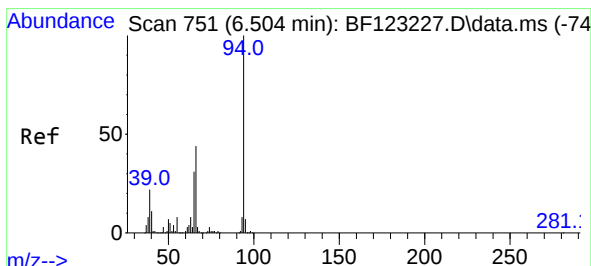
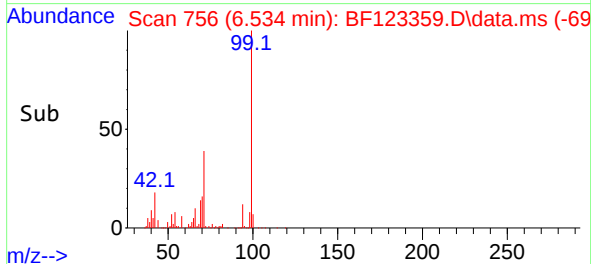
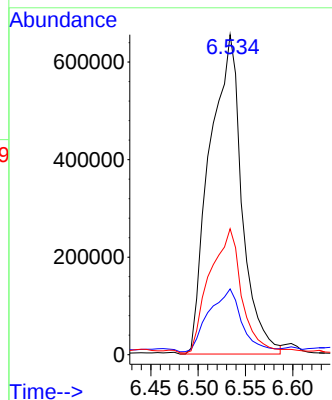
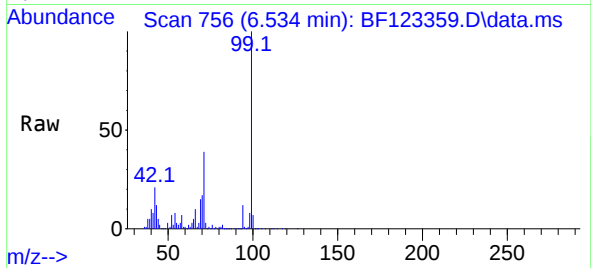


#7
Phenol-d6
Concen: 149.43 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.047 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Instrument :
BNA_F
ClientSampleId :
COMP-14-15

Tgt Ion: 99 Resp: 1552412

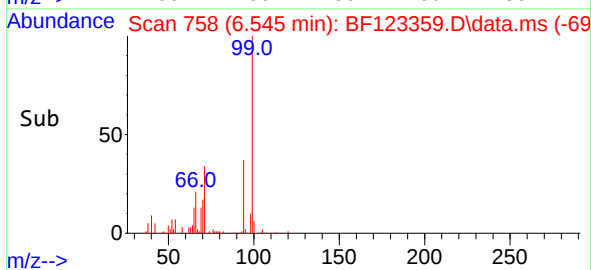
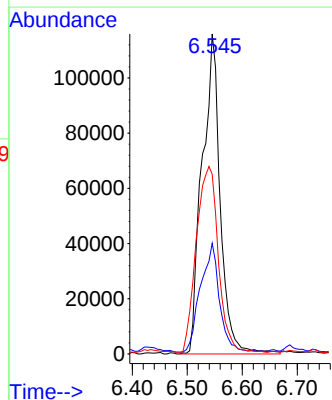
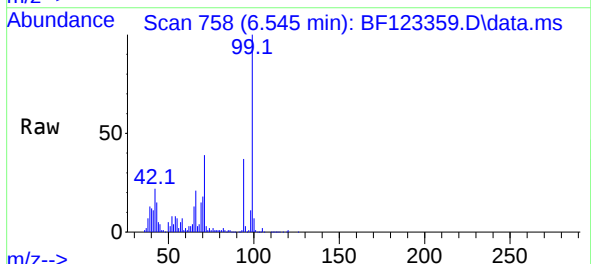
Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.8	20.6
71	39.3	26.9	40.3

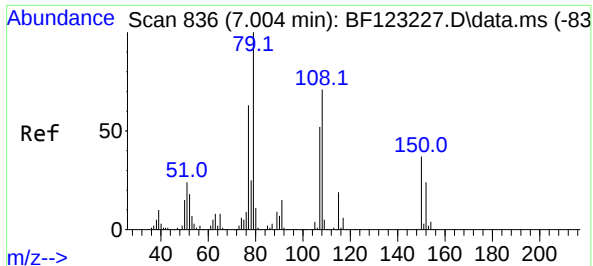


#10
Phenol
Concen: 23.45 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.047 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion: 94 Resp: 265494

Ion	Ratio	Lower	Upper
94	100		
65	34.6	11.2	51.2
66	56.2	25.8	65.8

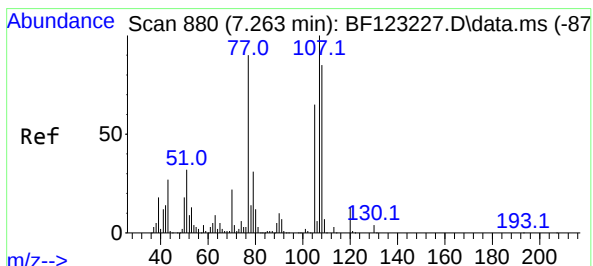
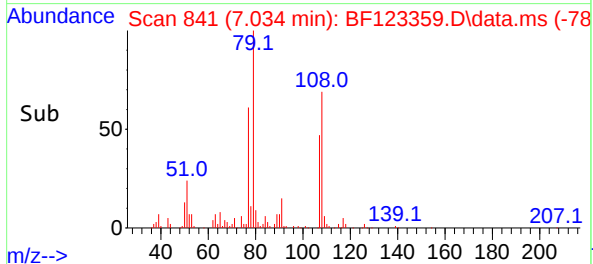
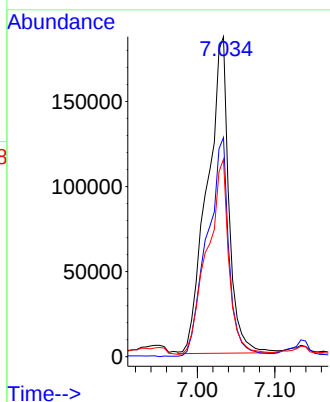
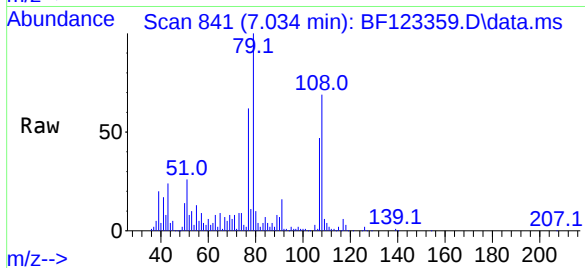




#15
Benzyl Alcohol
Concen: 44.75 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.041 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

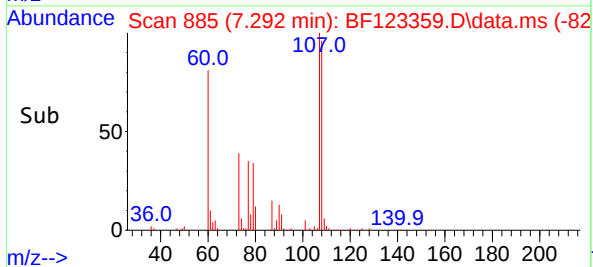
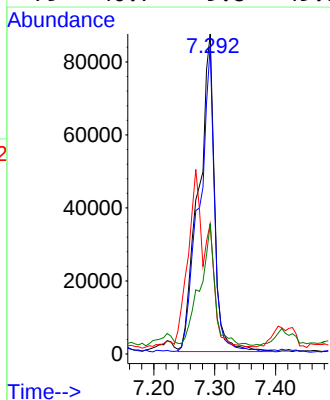
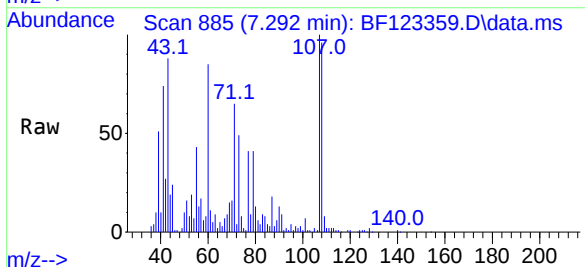
Instrument :
BNA_F
ClientSampleId :
COMP-14-15

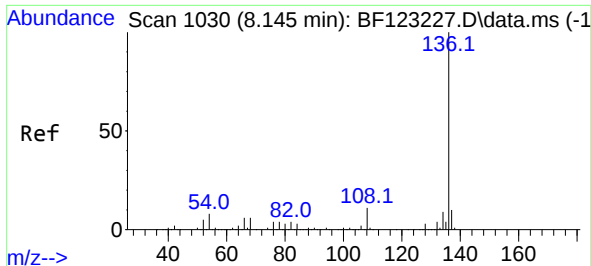
Tgt Ion: 79 Resp: 362493
Ion Ratio Lower Upper
79 100
108 68.5 62.4 93.6
77 61.7 49.0 73.6



#20
3+4-Methylphenols
Concen: 17.58 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.035 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion: 107 Resp: 159510
Ion Ratio Lower Upper
107 100
108 96.1 68.7 108.7
77 40.7 89.8 129.8#
79 40.7 9.8 49.8

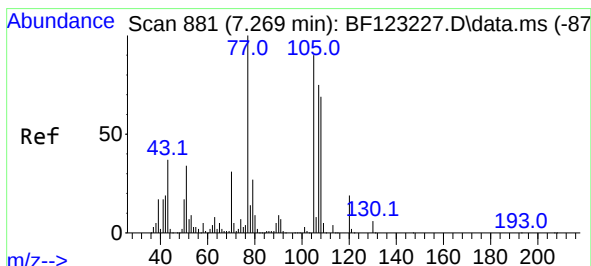
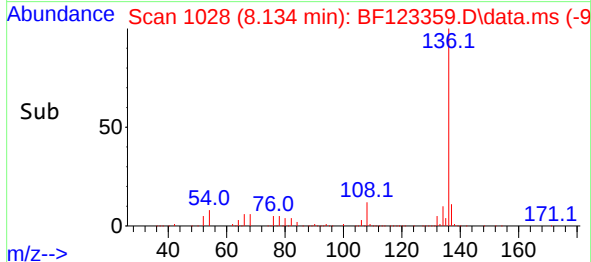
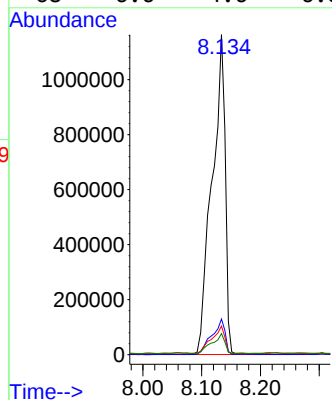
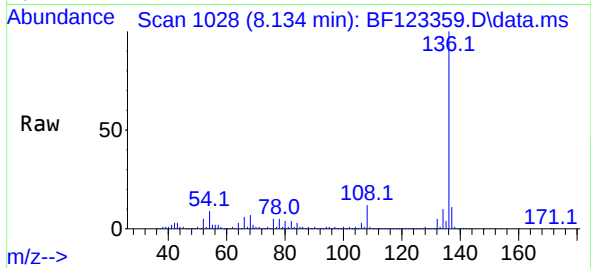




#21
Naphthalene-d8
Concen: 80.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

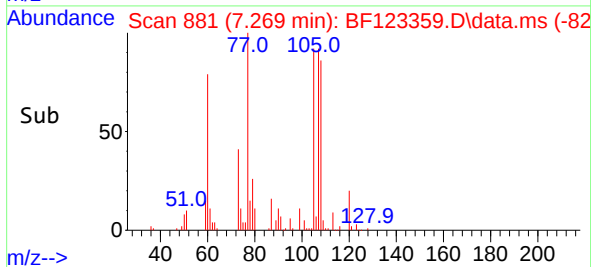
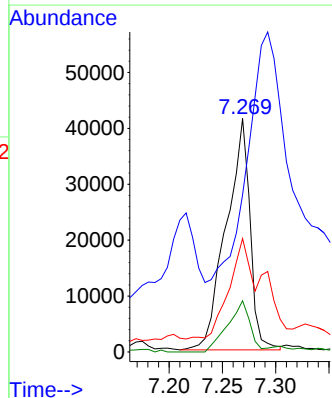
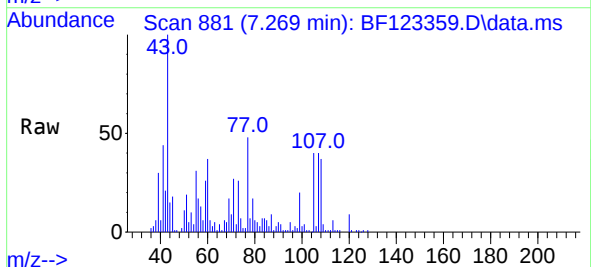
Instrument :
BNA_F
ClientSampleId :
COMP-14-15

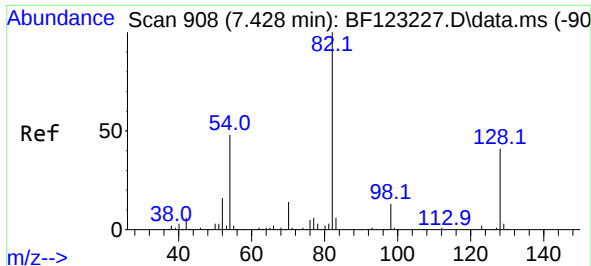
Tgt Ion:136 Resp: 1816825
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.9 5.5 8.3#
68 6.6 4.6 6.8



#22
Acetophenone
Concen: 5.45 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.012 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion:105 Resp: 64237
Ion Ratio Lower Upper
105 100
71 67.4 6.5 9.7#
51 48.6 24.3 36.5#
120 21.9 18.1 27.1

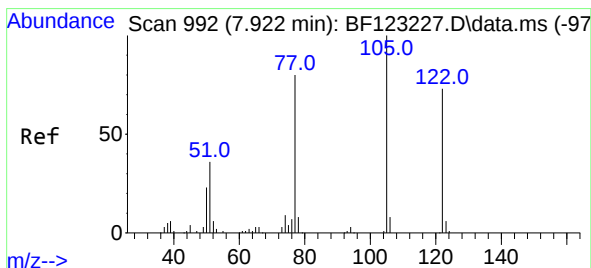
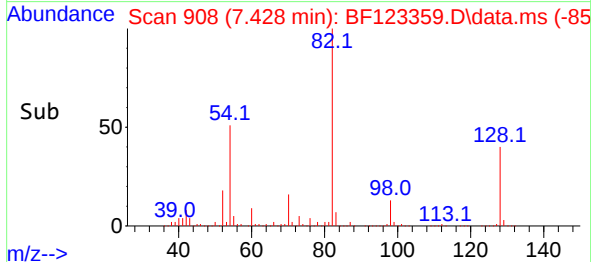
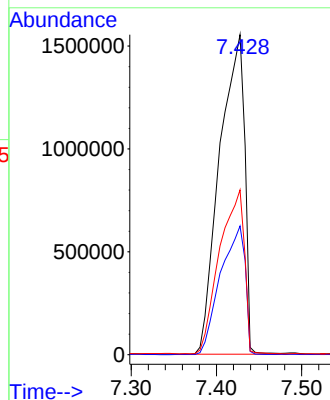
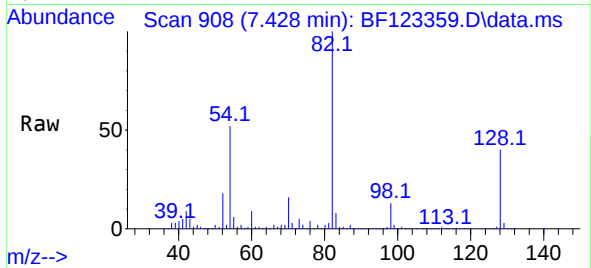




#23
Nitrobenzene-d5
Concen: 318.36 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.012 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

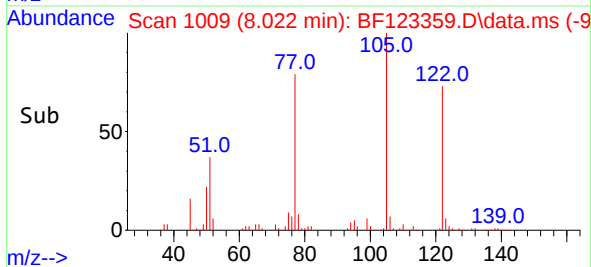
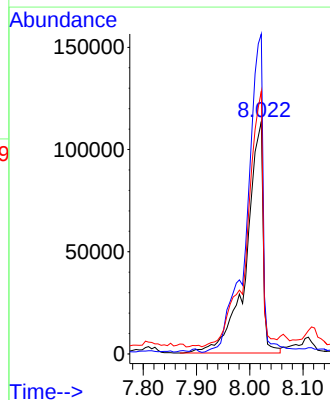
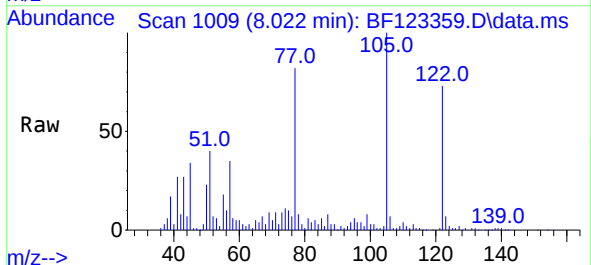
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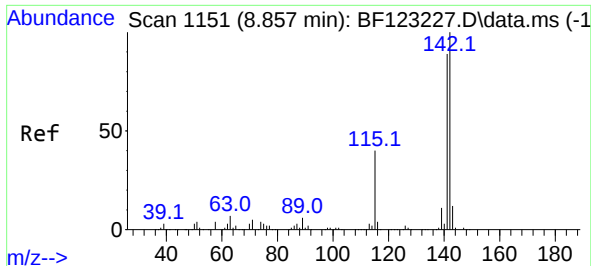
Tgt Ion: 82 Resp: 3158840
Ion Ratio Lower Upper
82 100
128 40.2 37.0 55.4
54 51.5 38.4 57.6



#32
Benzoic acid
Concen: 49.53 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.088 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion:122 Resp: 247839
Ion Ratio Lower Upper
122 100
105 137.7 104.8 144.8
77 113.1 71.0 111.0#

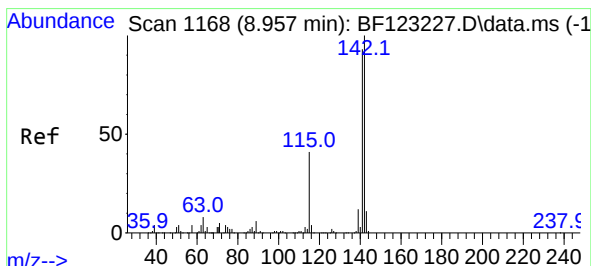
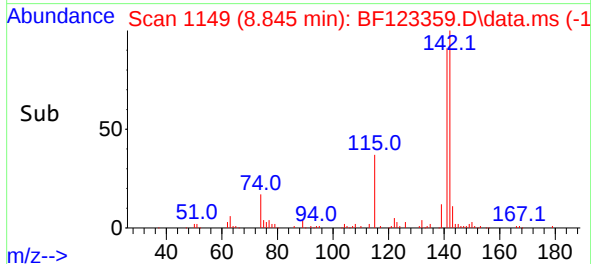
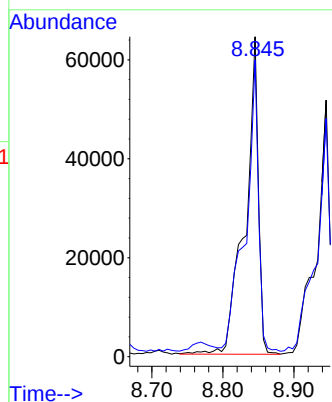
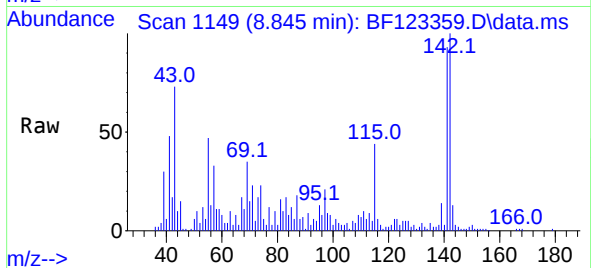




#37
2-Methylnaphthalene
Concen: 5.08 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

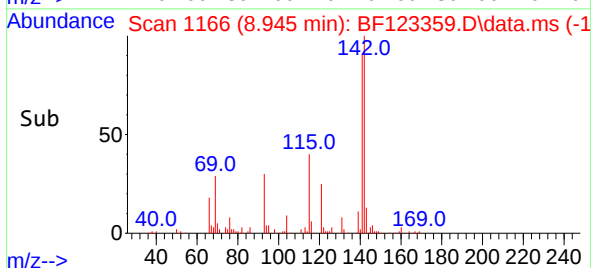
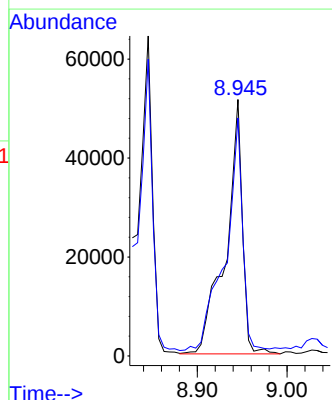
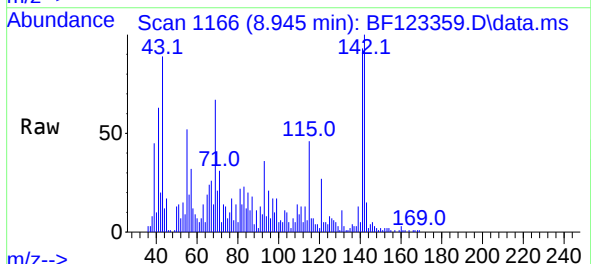
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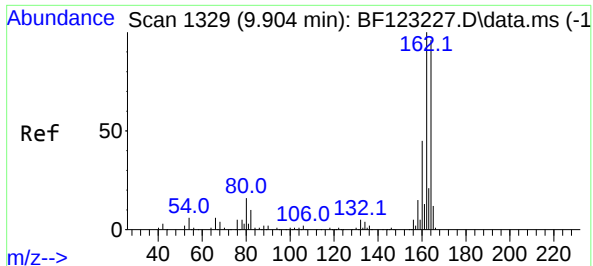
Tgt Ion:142 Resp: 84229
Ion Ratio Lower Upper
142 100
141 92.8 70.6 106.0



#38
1-Methylnaphthalene
Concen: 4.29 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion:142 Resp: 66467
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7

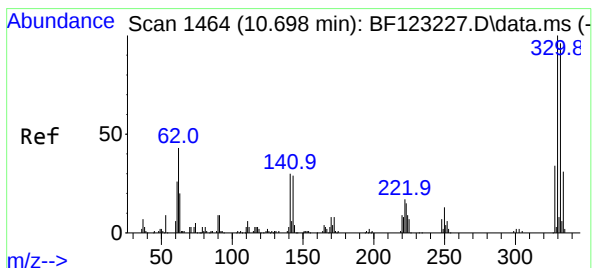
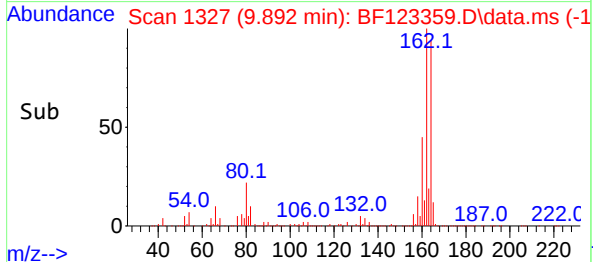
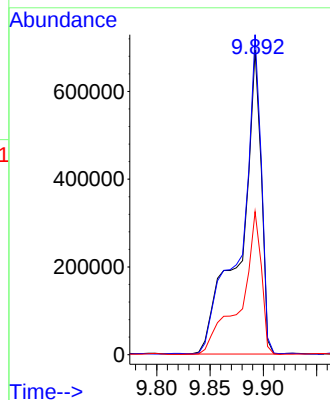
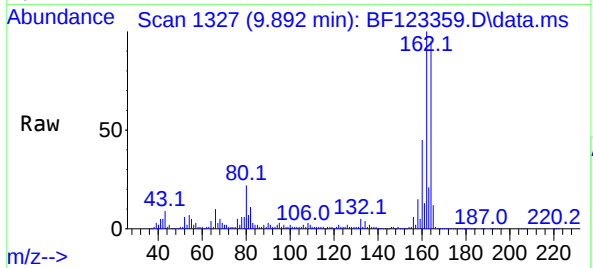




#39
Acenaphthene-d10
Concen: 80.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

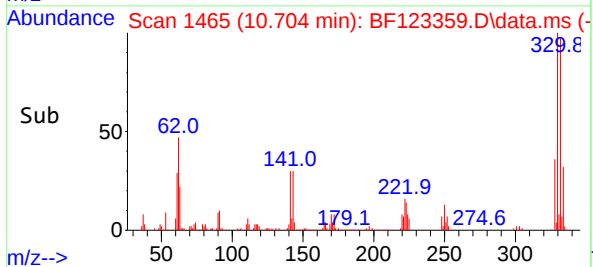
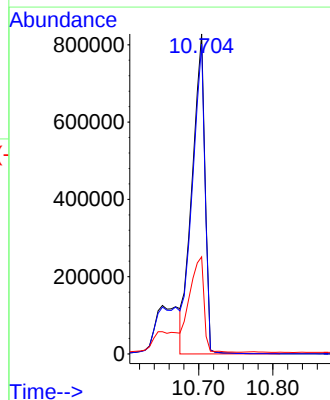
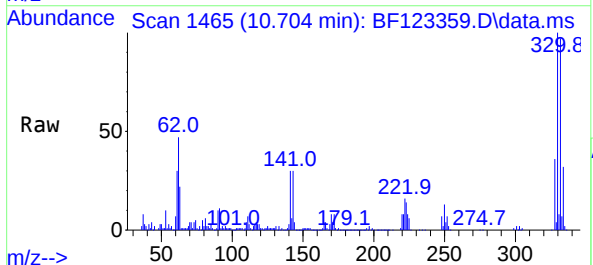
Instrument :
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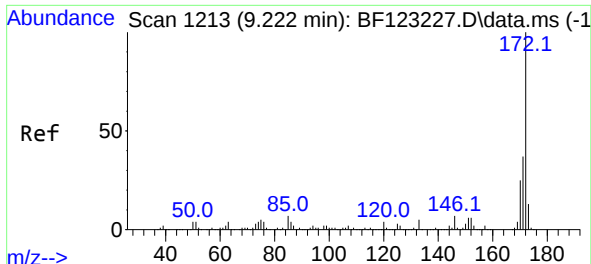
Tgt Ion:164 Resp: 937412
Ion Ratio Lower Upper
164 100
162 105.0 80.8 121.2
160 47.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 417.77 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.023 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion:330 Resp: 996918
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 33.2 23.8 35.8

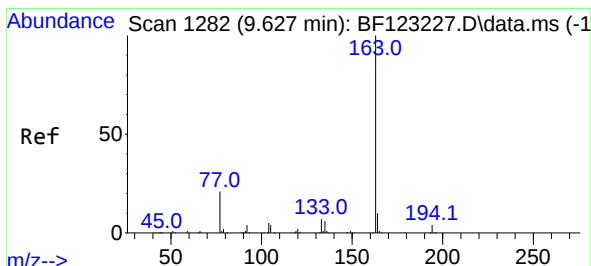
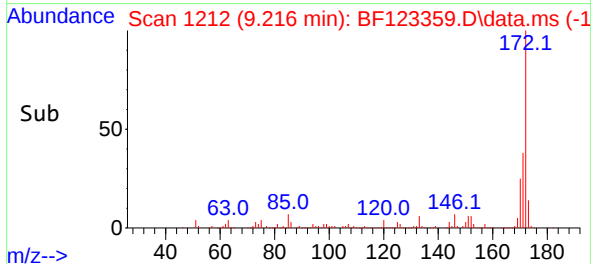
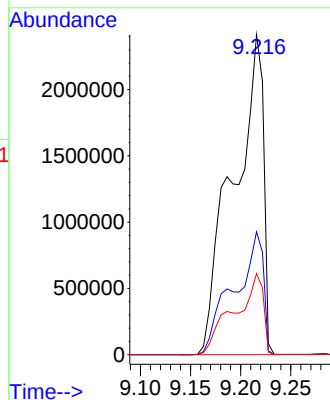
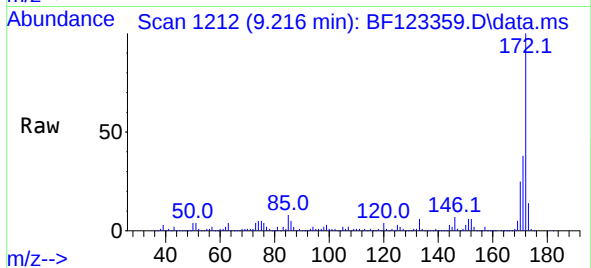




#45
2-Fluorobiphenyl
Concen: 308.45 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

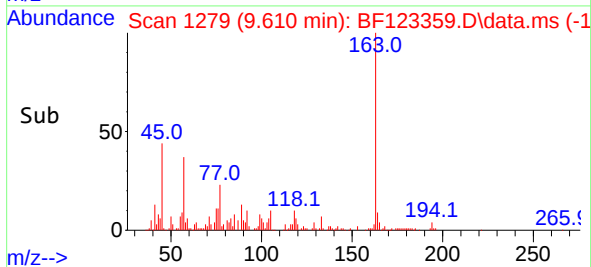
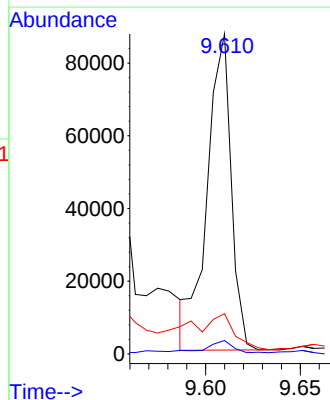
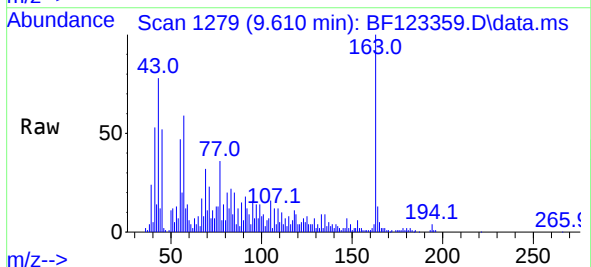
Instrument :
BNA_F
ClientSampleId :
COMP-14-15

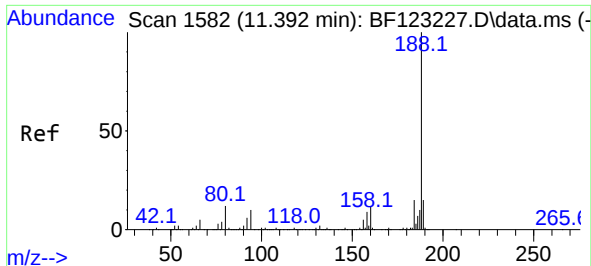
Tgt Ion:172 Resp: 5032328
Ion Ratio Lower Upper
172 100
171 38.4 29.6 44.4
170 25.3 19.5 29.3



#50
Dimethylphthalate
Concen: 4.38 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion:163 Resp: 76829
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 12.6 8.1 12.1#

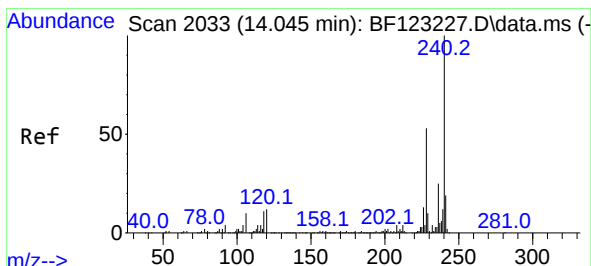
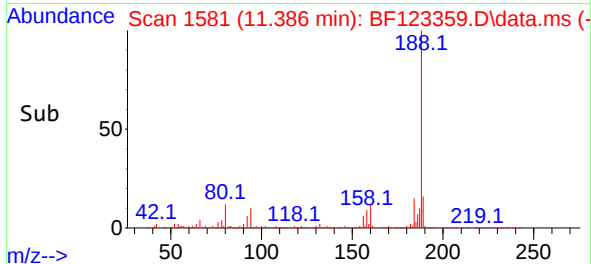
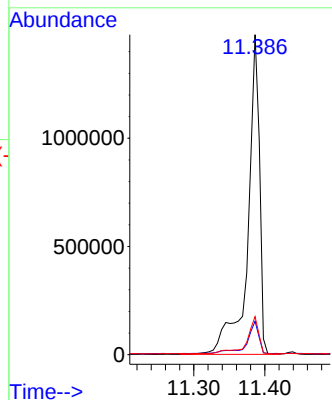
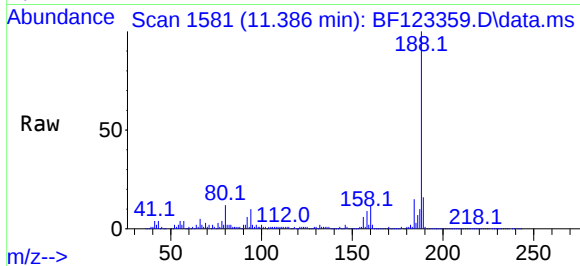




#64
Phenanthrene-d10
Concen: 80.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

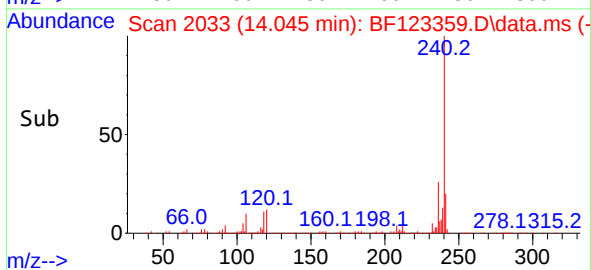
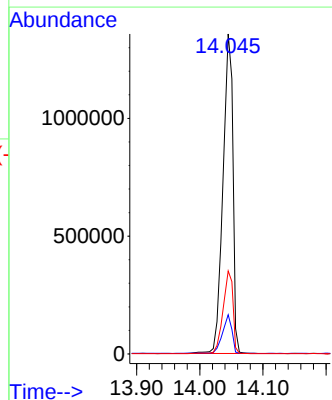
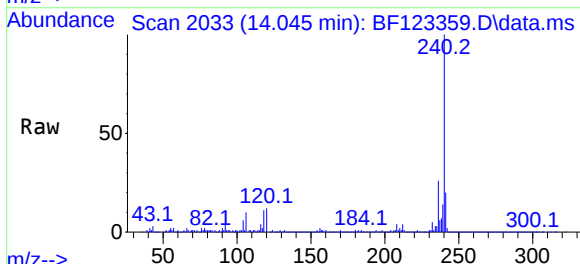
Instrument :
BNA_F
ClientSampleId :
COMP-14-15

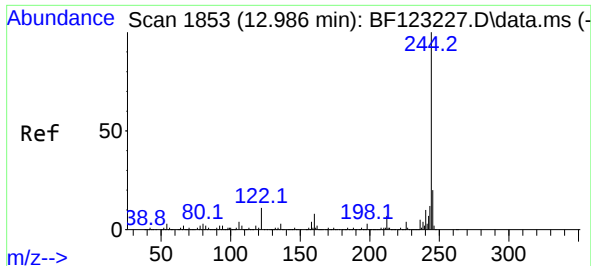
Tgt Ion:188 Resp: 1701889
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.9 8.2 12.4



#76
Chrysene-d12
Concen: 80.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.012 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion:240 Resp: 1491122
Ion Ratio Lower Upper
240 100
120 12.3 8.6 12.8
236 26.0 20.3 30.5

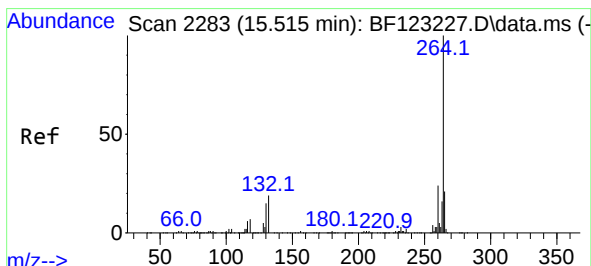
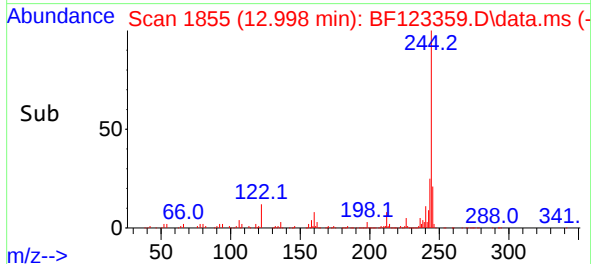
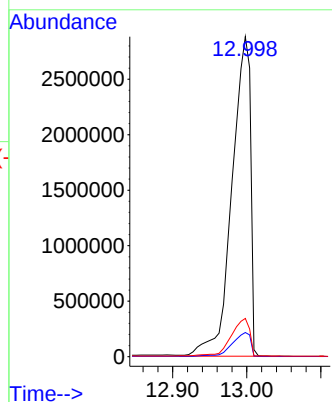
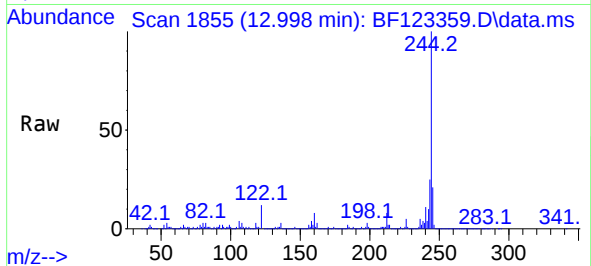




#79
Terphenyl-d14
Concen: 258.81 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.029 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Instrument :
BNA_F
ClientSampleId :
COMP-14-15

Tgt Ion:244 Resp: 5017464
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 12.0 8.3 12.5



#86
Perylene-d12
Concen: 80.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.029 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion:264 Resp: 1475313
Ion Ratio Lower Upper
264 100
260 24.7 18.6 28.0
265 21.7 17.0 25.6

