

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: 1

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)

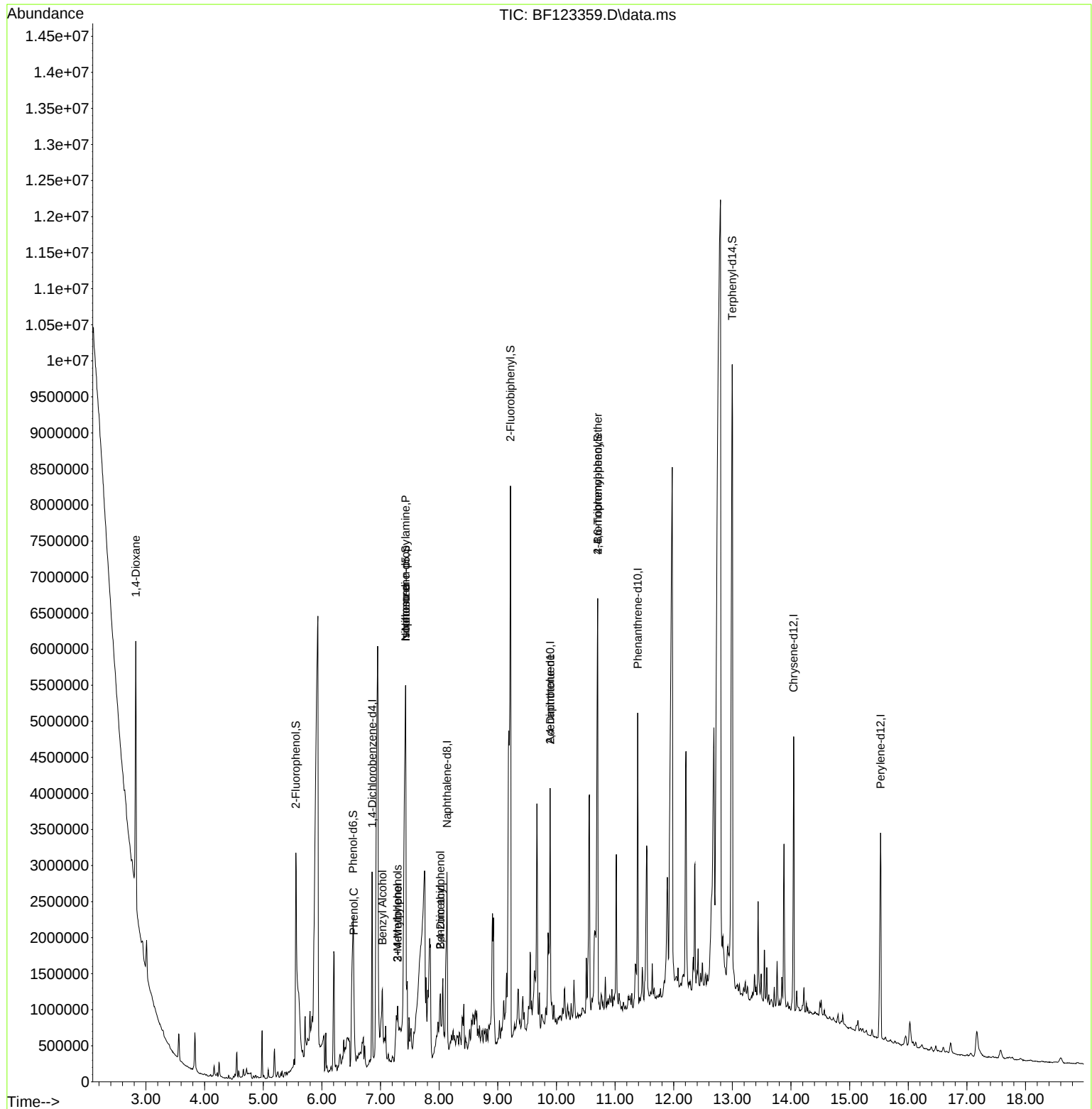
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	440299	20.00	ng	0.01
21) Naphthalene-d8	8.134	136	1816825	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	937412	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1701889	20.00	ng	0.00
76) Chrysene-d12	14.045	240	1491122	20.00	ng	0.01
86) Perylene-d12	15.527	264	1475313	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	2053515	67.13	ng	0.09
7) Phenol-d6	6.534	99	1552412	37.36	ng	0.05
23) Nitrobenzene-d5	7.428	82	3158840	79.59	ng	0.01
42) 2,4,6-Tribromophenol	10.704	330	996918	104.44	ng	0.02
45) 2-Fluorobiphenyl	9.216	172	5032328	77.11	ng	0.00
79) Terphenyl-d14	12.998	244	5017464	64.70	ng	0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	42800	2.42	ng	# 1
9) Benzaldehyde	6.398	77	1225	Below Cal		# 1
10) Phenol	6.545	94	265494	5.86	ng	88
15) Benzyl Alcohol	7.034	79	362493	11.19	ng	94
17) 2-Methylphenol	7.292	107	158167	5.72	ng	87
19) n-Nitroso-di-n-propyla...	7.428	70	551100	22.29	ng	# 87
20) 3+4-Methylphenols	7.292	107	159510	4.39	ng	# 63
25) Isophorone	7.428	82	2904877	39.14	ng	# 65
27) 2,4-Dimethylphenol	8.022	122	247839	9.13	ng	# 5
32) Benzoic acid	8.022	122	247839	12.38	ng	# 84
57) 2,4-Dinitrotoluene	9.892	165	123906	5.70	ng	# 32
67) 4-Bromophenyl-phenylether	10.704	248	68077	3.67	ng	# 1

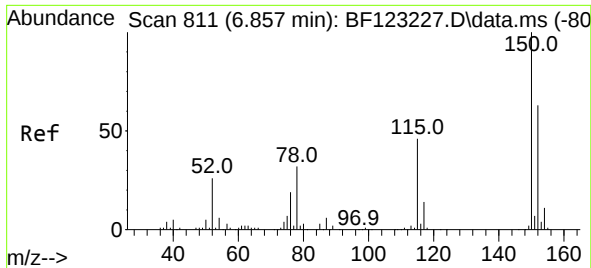
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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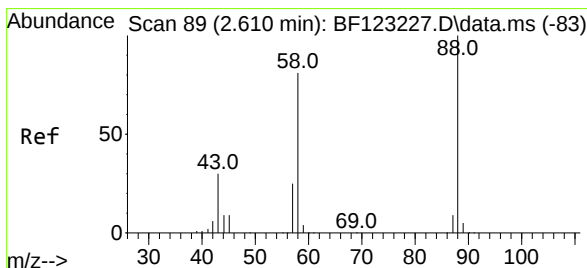
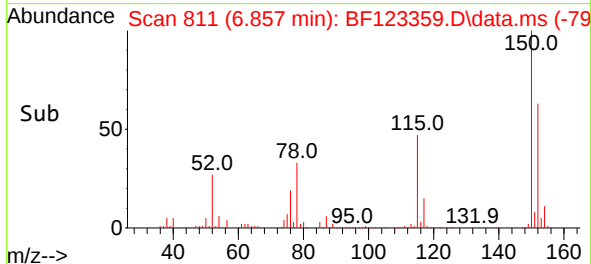
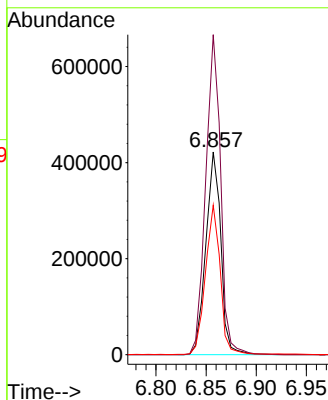
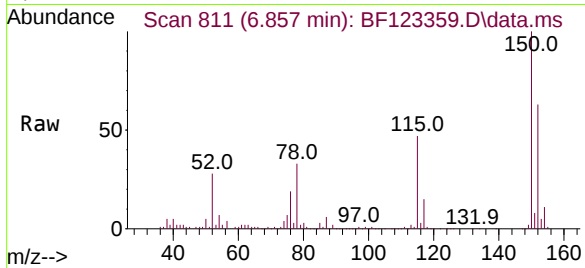




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.012 min
 Lab File: BF123359.D
 Acq: 3 Mar 2021 17:01

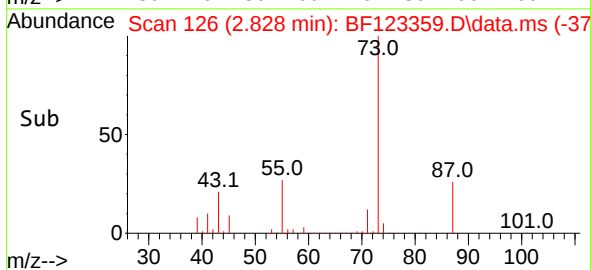
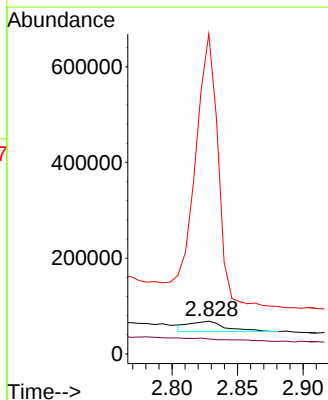
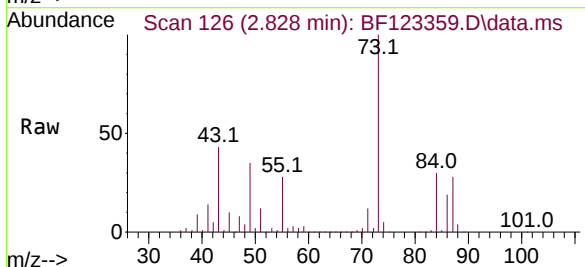
Instrument :
 BNA_F
 ClientSampleId :
 COMP-14-15

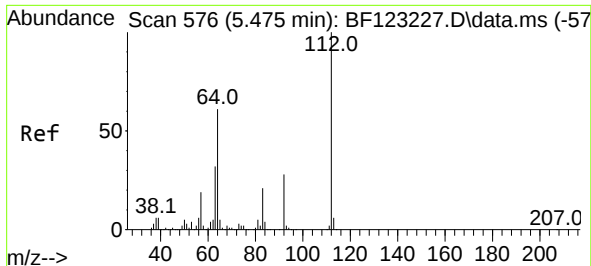
Tgt Ion:152 Resp: 440299
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.8 188.6
 115 73.7 49.3 73.9



#2
 1,4-Dioxane
 Concen: 2.42 ng
 RT: 2.828 min Scan# 126
 Delta R.T. 0.223 min
 Lab File: BF123359.D
 Acq: 3 Mar 2021 17:01

Tgt Ion: 88 Resp: 42800
 Ion Ratio Lower Upper
 88 100
 58 0.0 56.2 84.2#
 43 1710.0 21.8 32.6#

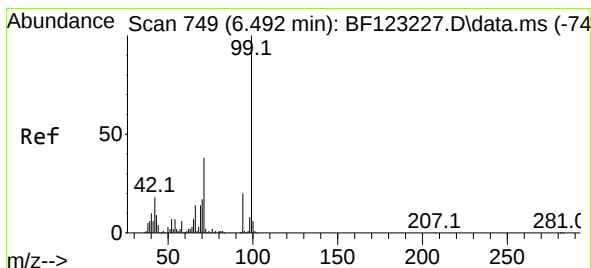
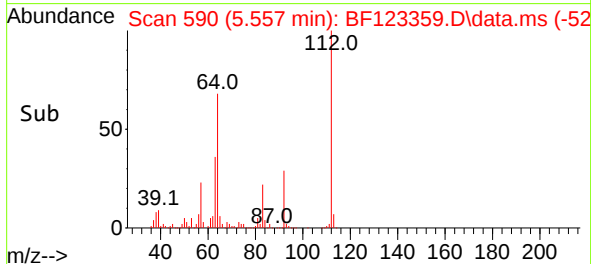
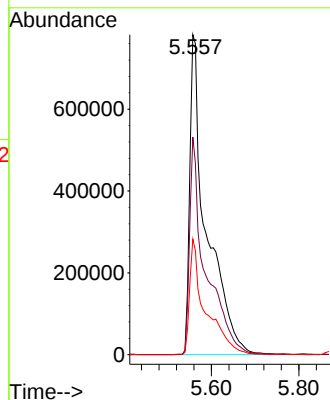
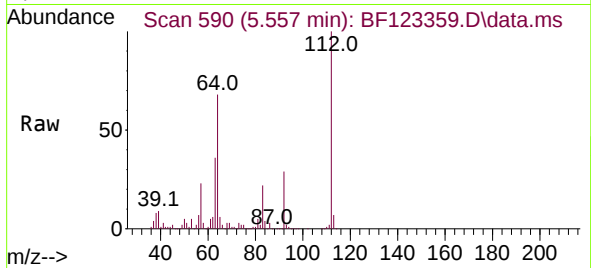




#5
2-Fluorophenol
Concen: 67.13 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.088 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

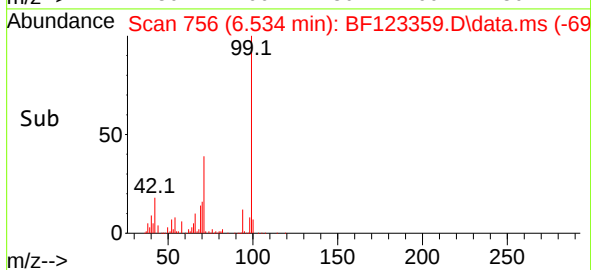
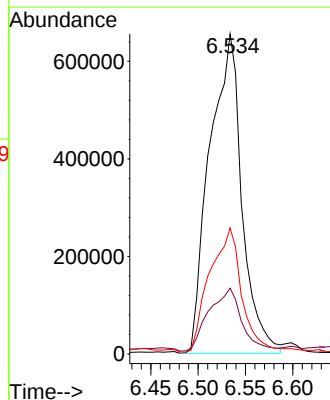
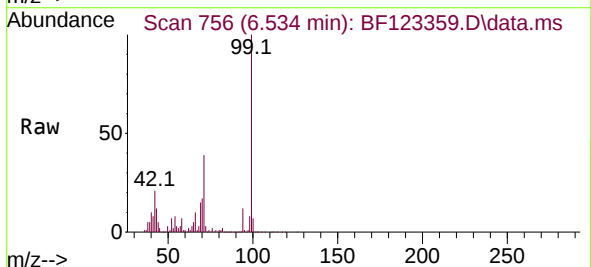
Instrument :
BNA_F
ClientSampleId :
COMP-14-15

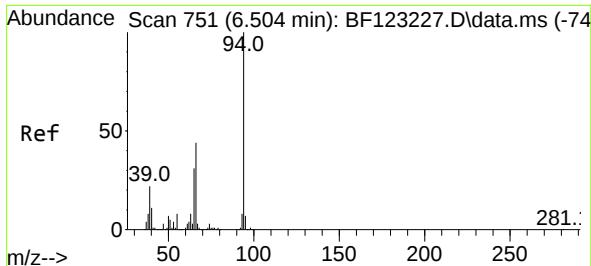
Tgt Ion:112 Resp: 2053515
Ion Ratio Lower Upper
112 100
64 68.0 46.9 70.3
63 36.1 24.5 36.7



#7
Phenol-d6
Concen: 37.36 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.047 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

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

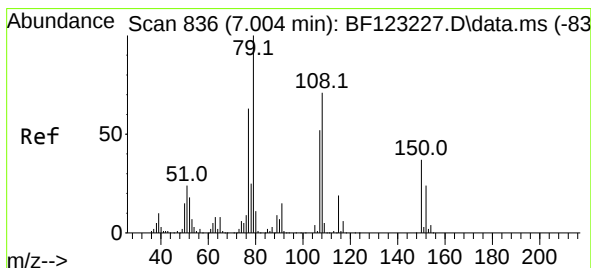
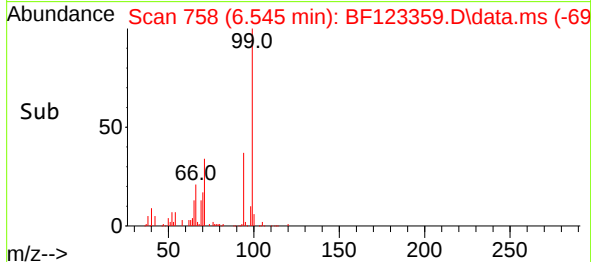
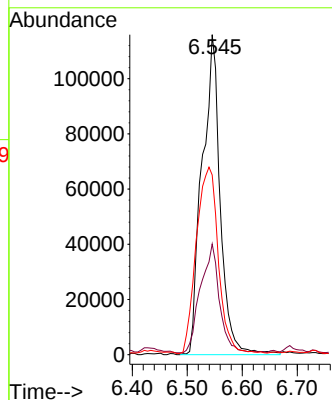
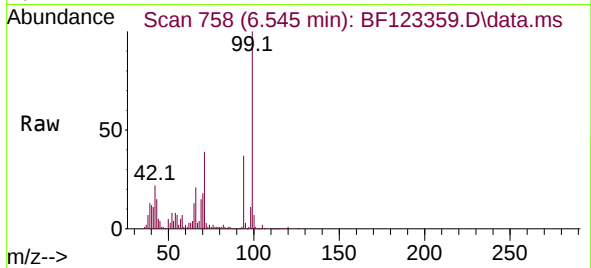




#10
Phenol
Concen: 5.86 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.047 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

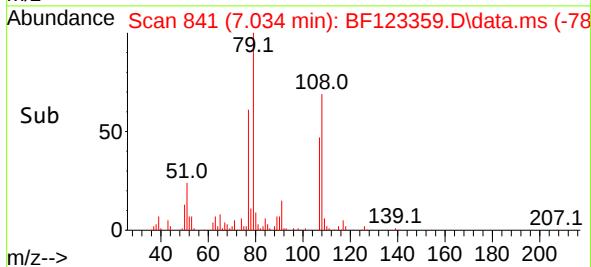
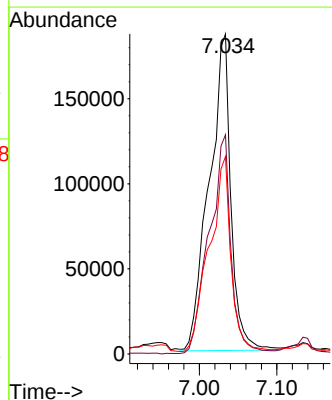
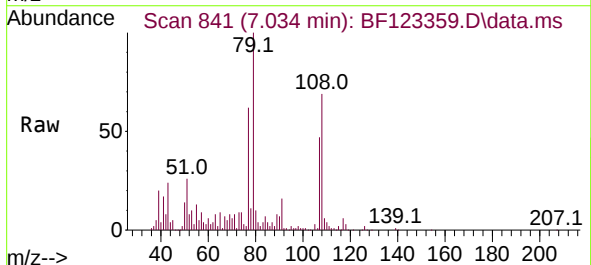
Instrument :
BNA_F
ClientSampleId :
COMP-14-15

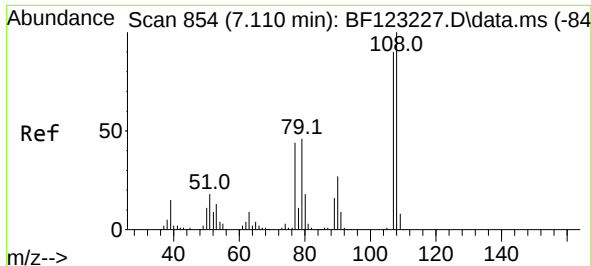
Tgt Ion: 94 Resp: 265494
Ion Ratio Lower Upper
94 100
65 34.6 11.2 51.2
66 56.2 25.8 65.8



#15
Benzyl Alcohol
Concen: 11.19 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.041 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

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



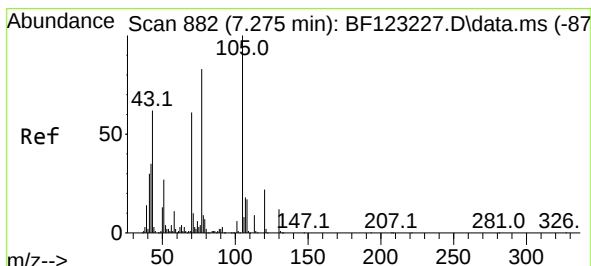
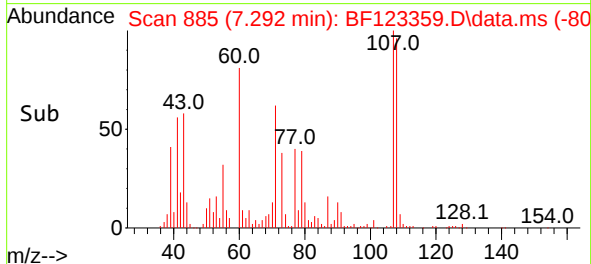
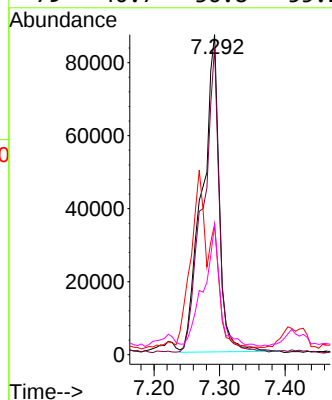
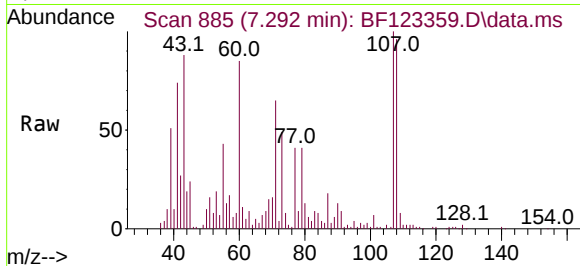


#17
2-Methylphenol
Concen: 5.72 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.188 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Instrument :
BNA_F
ClientSampleId :
COMP-14-15

Tgt Ion:107 Resp: 158167

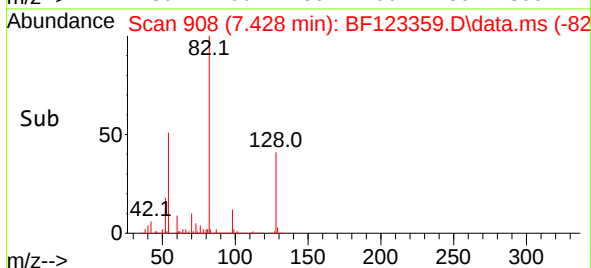
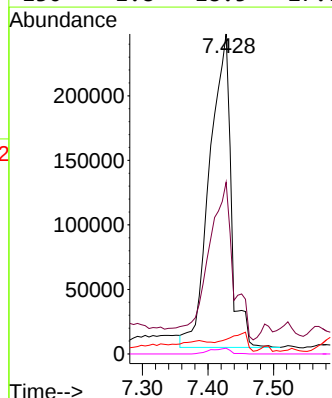
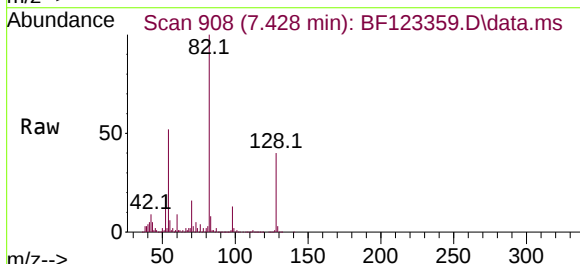
Ion	Ratio	Lower	Upper
107	100		
108	96.1	91.1	136.7
77	40.7	36.3	54.5
79	40.7	36.8	55.2

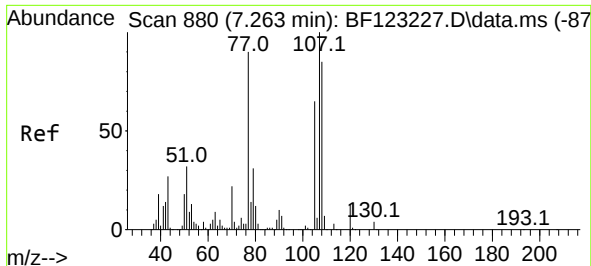


#19
n-Nitroso-di-n-propylamine
Concen: 22.29 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.165 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion: 70 Resp: 551100

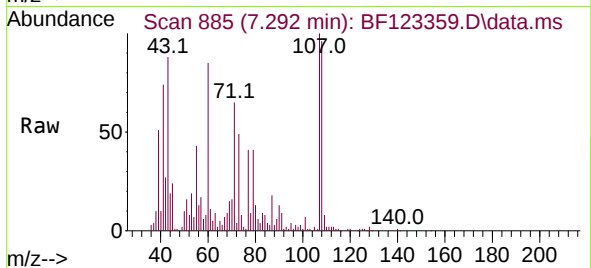
Ion	Ratio	Lower	Upper
70	100		
42	53.6	43.0	64.4
101	4.6	7.9	11.9#
130	1.8	18.5	27.7#



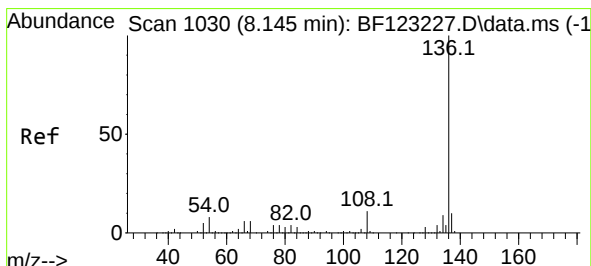
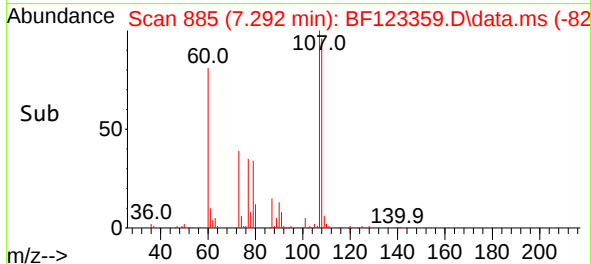
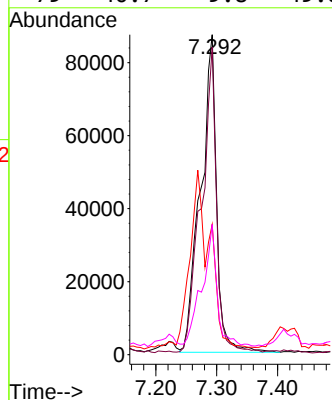


#20
3+4-Methylphenols
Concen: 4.39 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.035 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Instrument :
BNA_F
ClientSampleId :
COMP-14-15

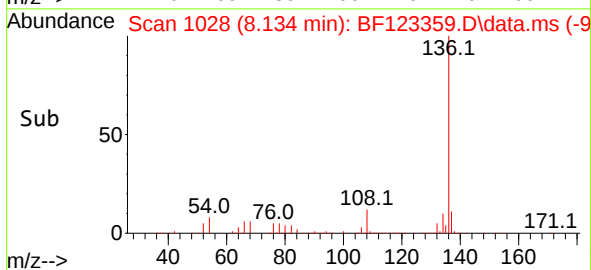
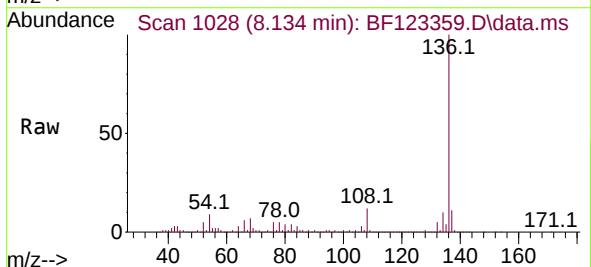
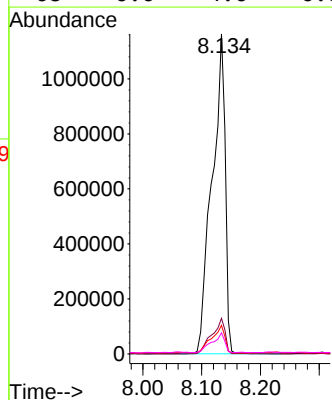


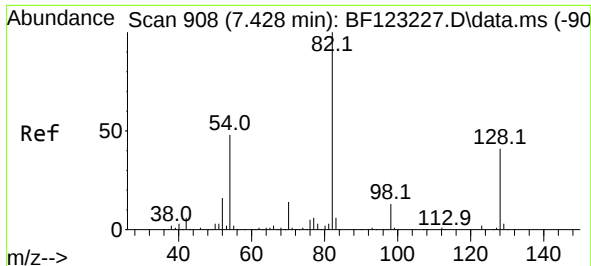
Tgt Ion:	107	Resp:	159510
Ion	Ratio	Lower	Upper
107	100		
108	96.1	68.7	108.7
77	40.7	89.8	129.8#
79	40.7	9.8	49.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

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

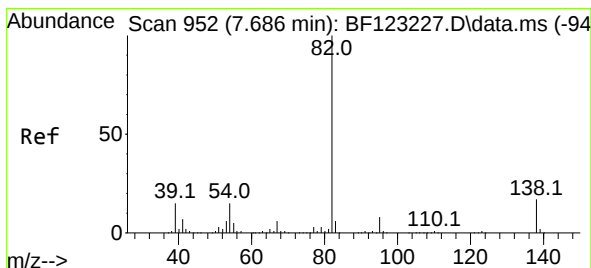
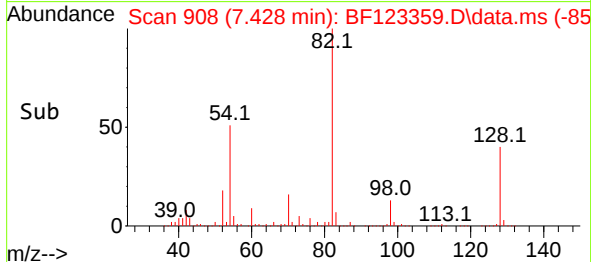
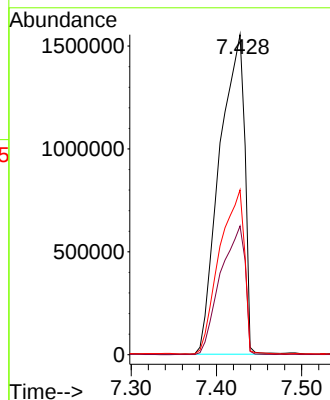
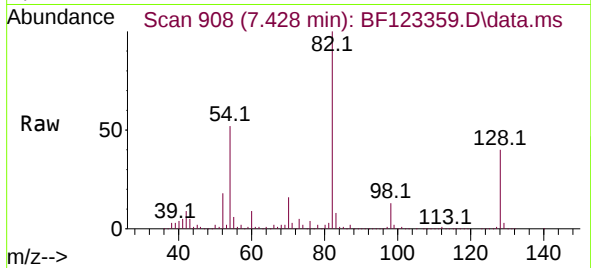




#23
Nitrobenzene-d5
Concen: 79.59 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.012 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

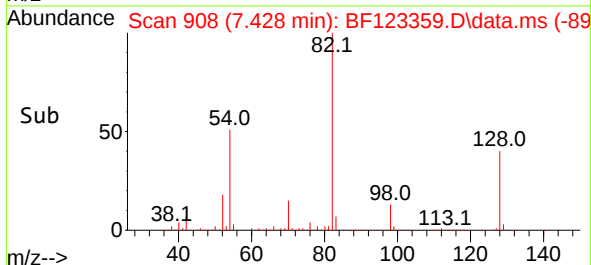
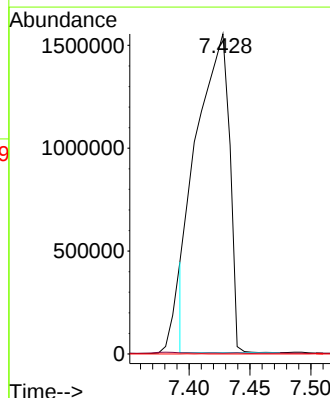
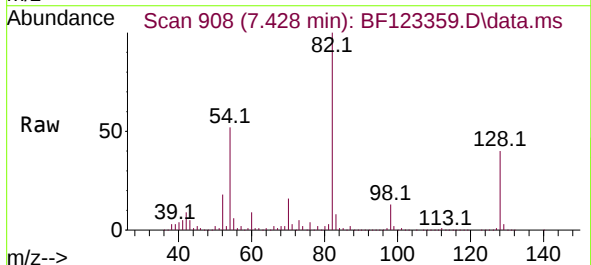
Instrument :
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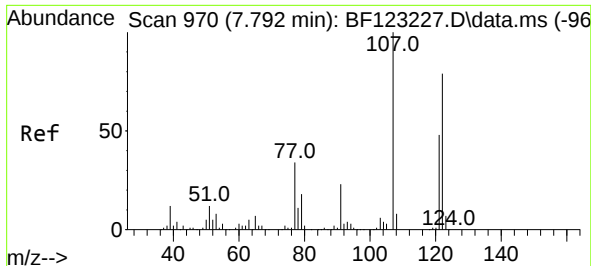
Tgt Ion: 82 Resp: 3158840
Ion Ratio Lower Upper
82 100
128 40.2 37.0 55.4
54 51.5 38.4 57.6



#25
Isophorone
Concen: 39.14 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.247 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion: 82 Resp: 2904877
Ion Ratio Lower Upper
82 100
95 0.3 5.8 8.6#
138 0.0 14.6 21.8#

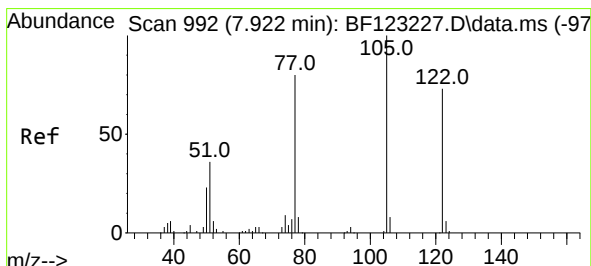
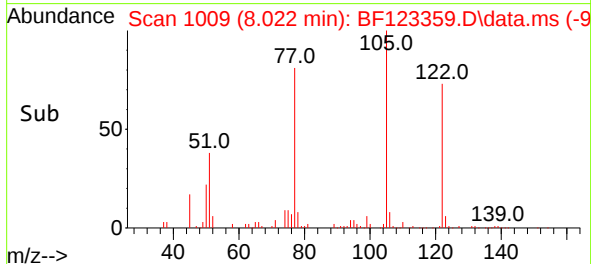
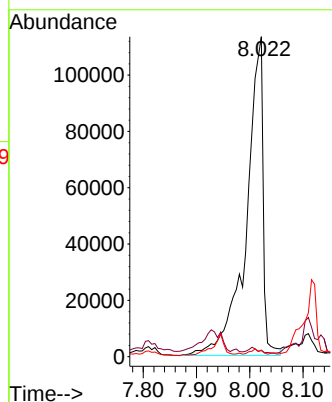
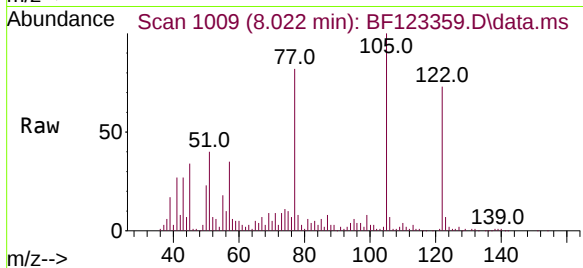




#27
2,4-Dimethylphenol
Concen: 9.13 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.235 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

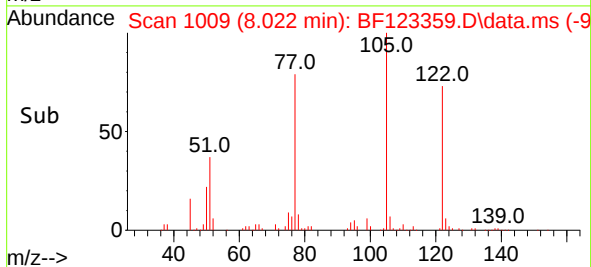
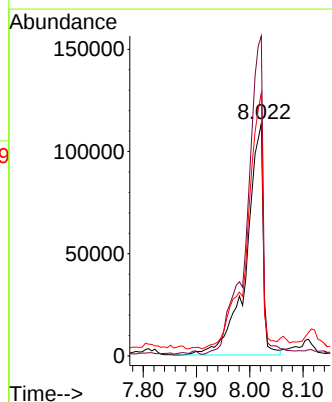
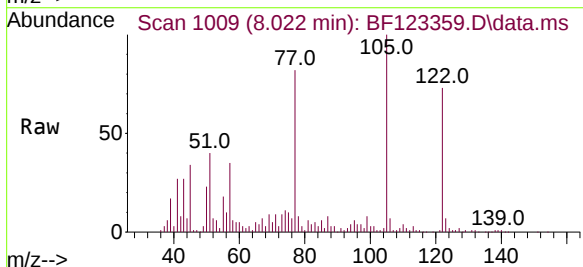
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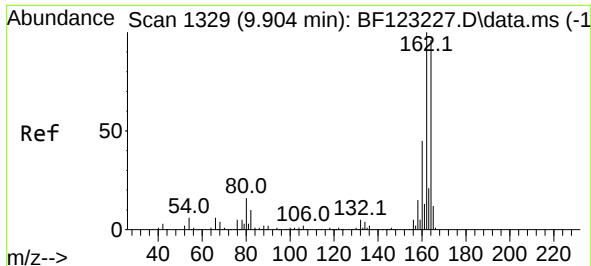
Tgt Ion:122 Resp: 247839
Ion Ratio Lower Upper
122 100
107 2.0 91.8 137.8#
121 1.9 47.3 70.9#



#32
Benzoic acid
Concen: 12.38 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#

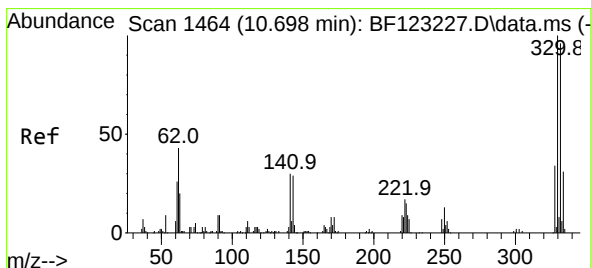
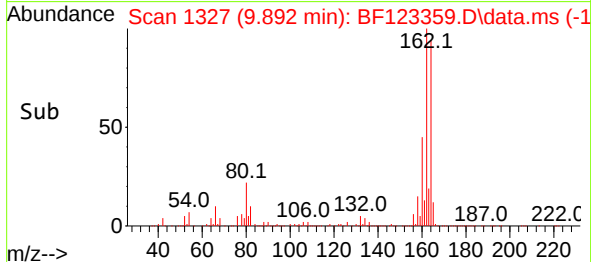
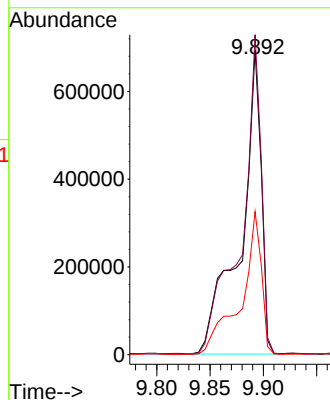
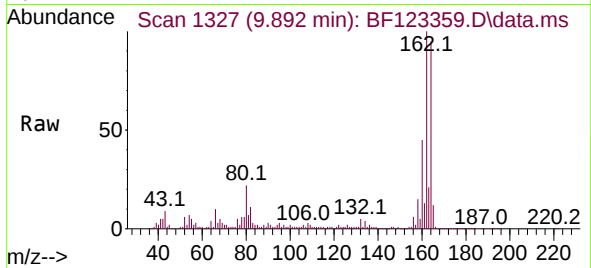




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

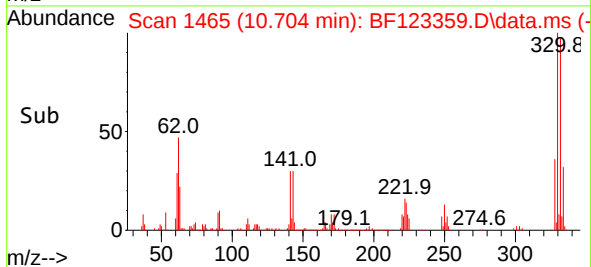
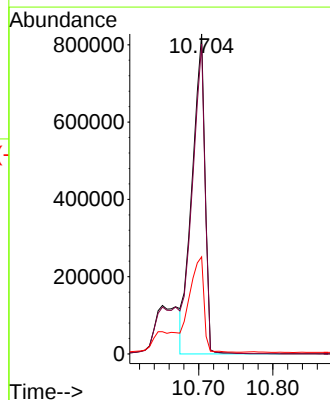
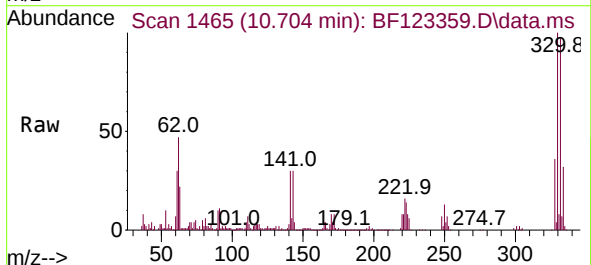
Instrument :
BNA_F
ClientSampleId :
COMP-14-15

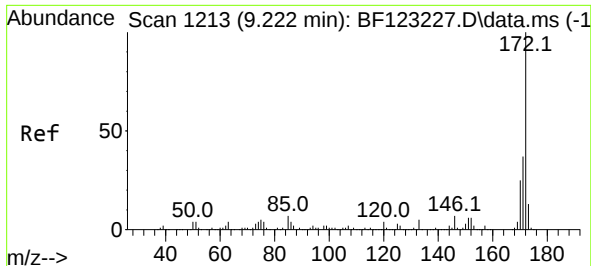
Tgt Ion:164 Resp: 937412
Ion Ratio Lower Upper
164 100
162 105.0 80.8 121.2
160 47.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 104.44 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

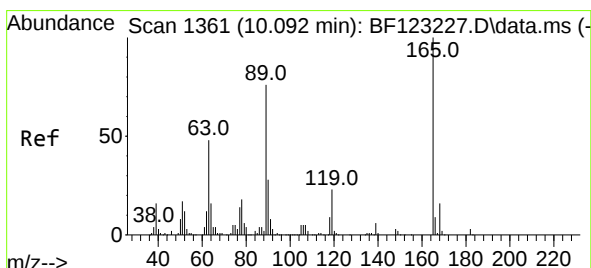
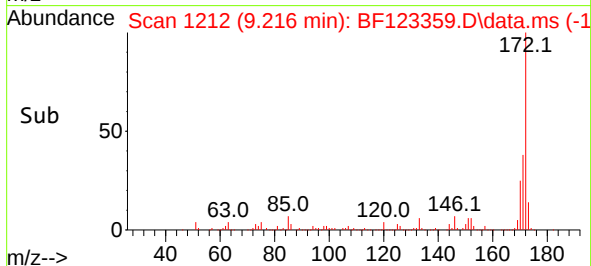
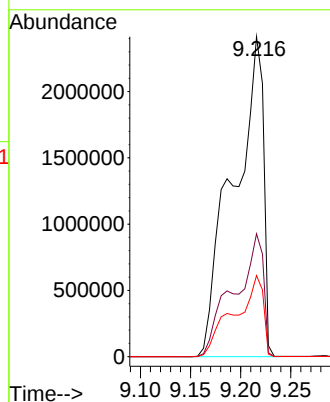
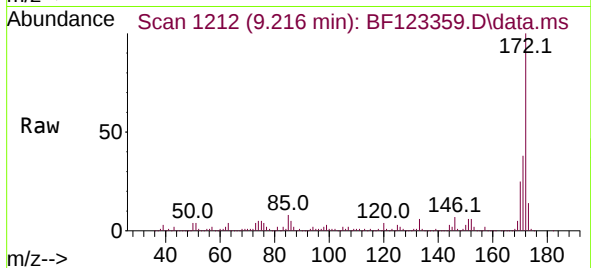




#45
2-Fluorobiphenyl
Concen: 77.11 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

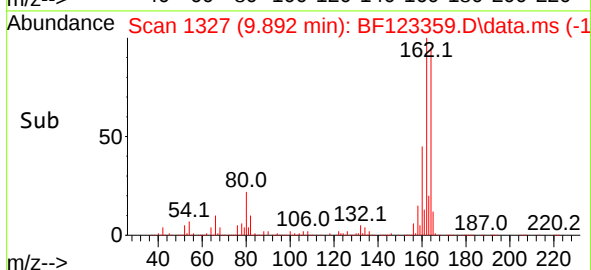
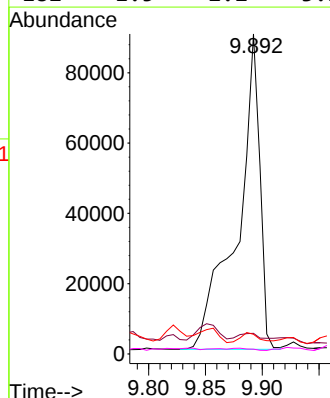
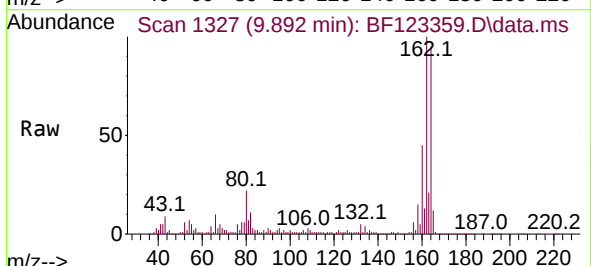
Instrument :
BNA_F
ClientSampleId :
COMP-14-15

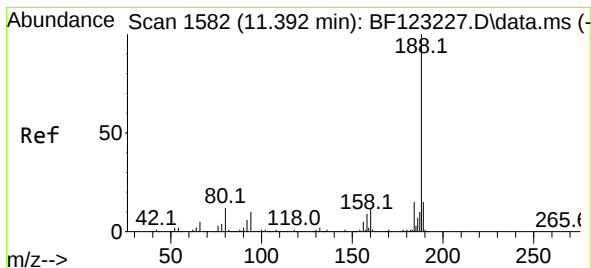
Tgt Ion:172 Resp: 5032328
Ion Ratio Lower Upper
172 100
171 38.4 29.6 44.4
170 25.3 19.5 29.3



#57
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion:165 Resp: 123906
Ion Ratio Lower Upper
165 100
63 6.5 34.3 51.5#
89 6.2 55.2 82.8#
182 1.5 2.2 3.2#

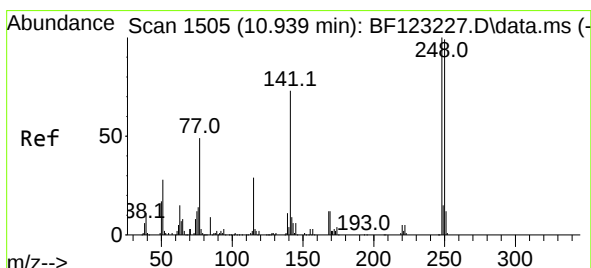
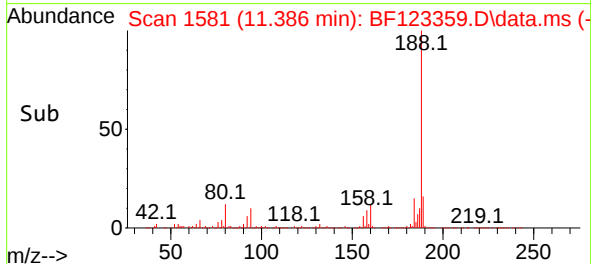
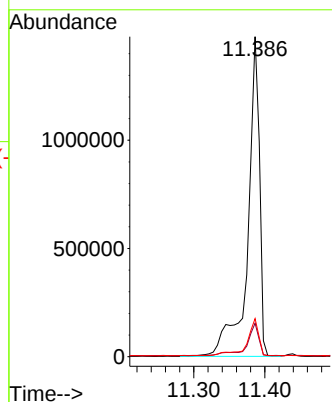
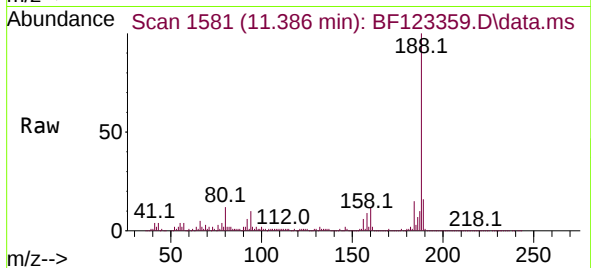




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

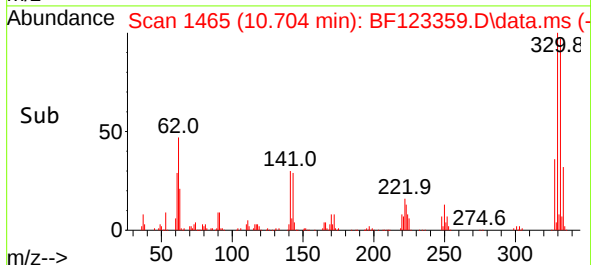
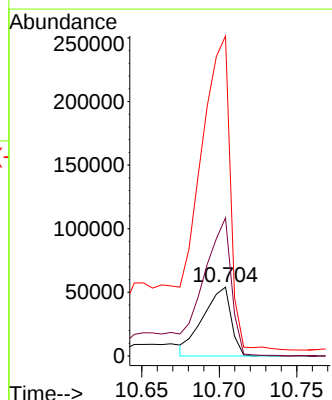
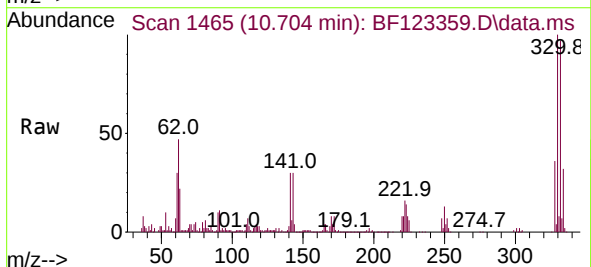
Instrument :
BNA_F
ClientSampleId :
COMP-14-15

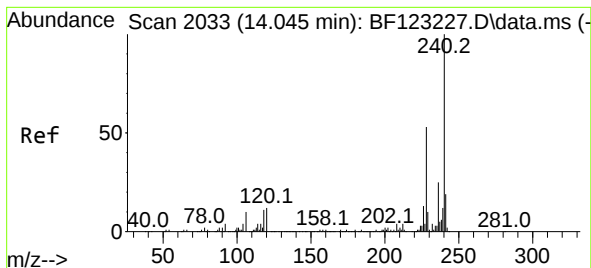
Tgt Ion:188 Resp: 1701889
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.9 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.67 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.218 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

Tgt Ion:248 Resp: 68077
Ion Ratio Lower Upper
248 100
250 200.8 76.8 115.2#
141 465.2 59.8 89.8#

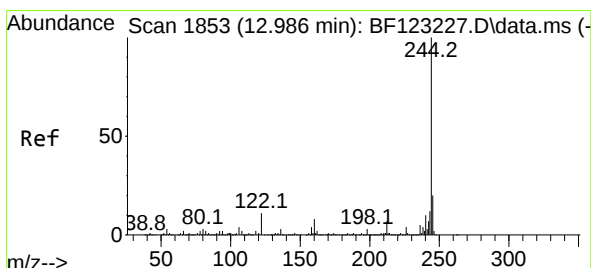
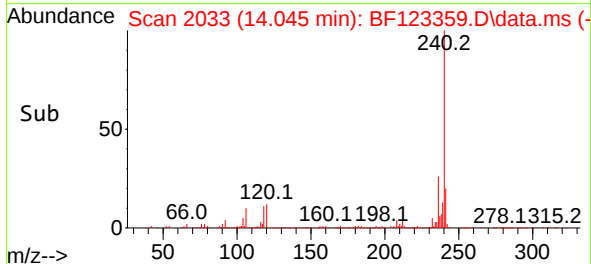
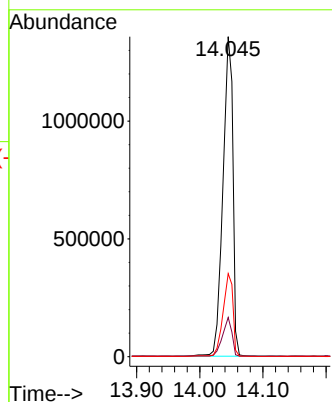
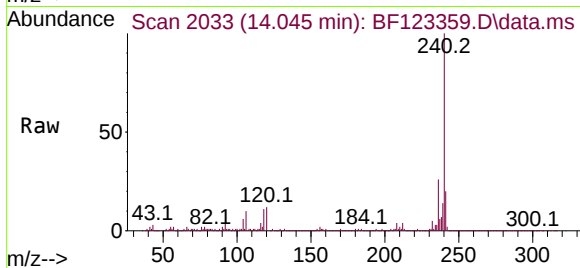




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.012 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

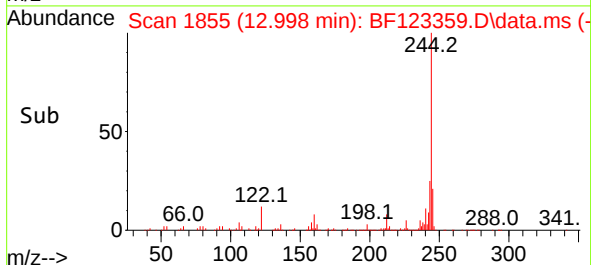
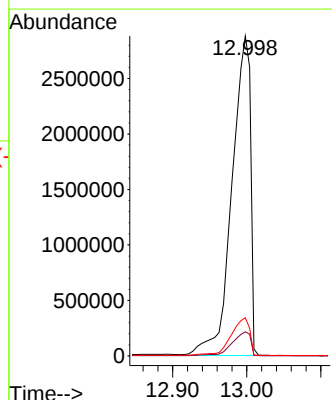
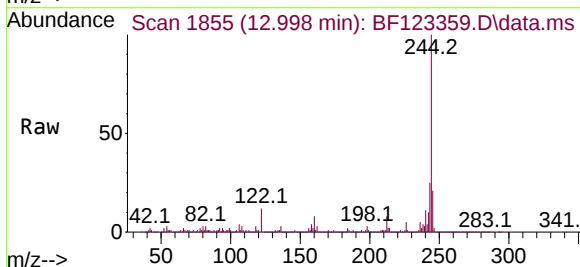
Instrument :
BNA_F
ClientSampleId :
COMP-14-15

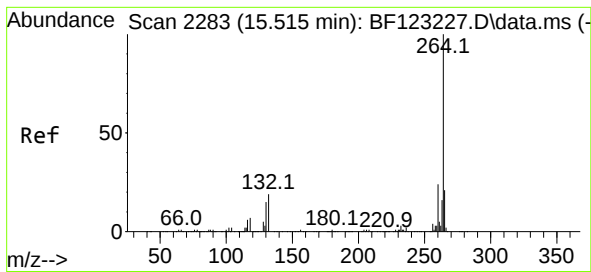
Tgt Ion:240 Resp: 1491122
Ion Ratio Lower Upper
240 100
120 12.3 8.6 12.8
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 64.70 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.029 min
Lab File: BF123359.D
Acq: 3 Mar 2021 17:01

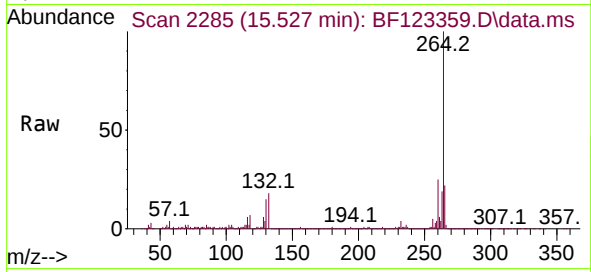
Tgt Ion:244 Resp: 5017464
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 12.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 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:264 Resp: 1475313

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	21.7	17.0	25.6

