

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123059.D
 Acq On : 28 Jan 2021 14:58
 Operator : JU/CG
 Sample : M1226-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0049-043-COMP-C-ELUTRIATE

Quant Time: Jan 28 15:36:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

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

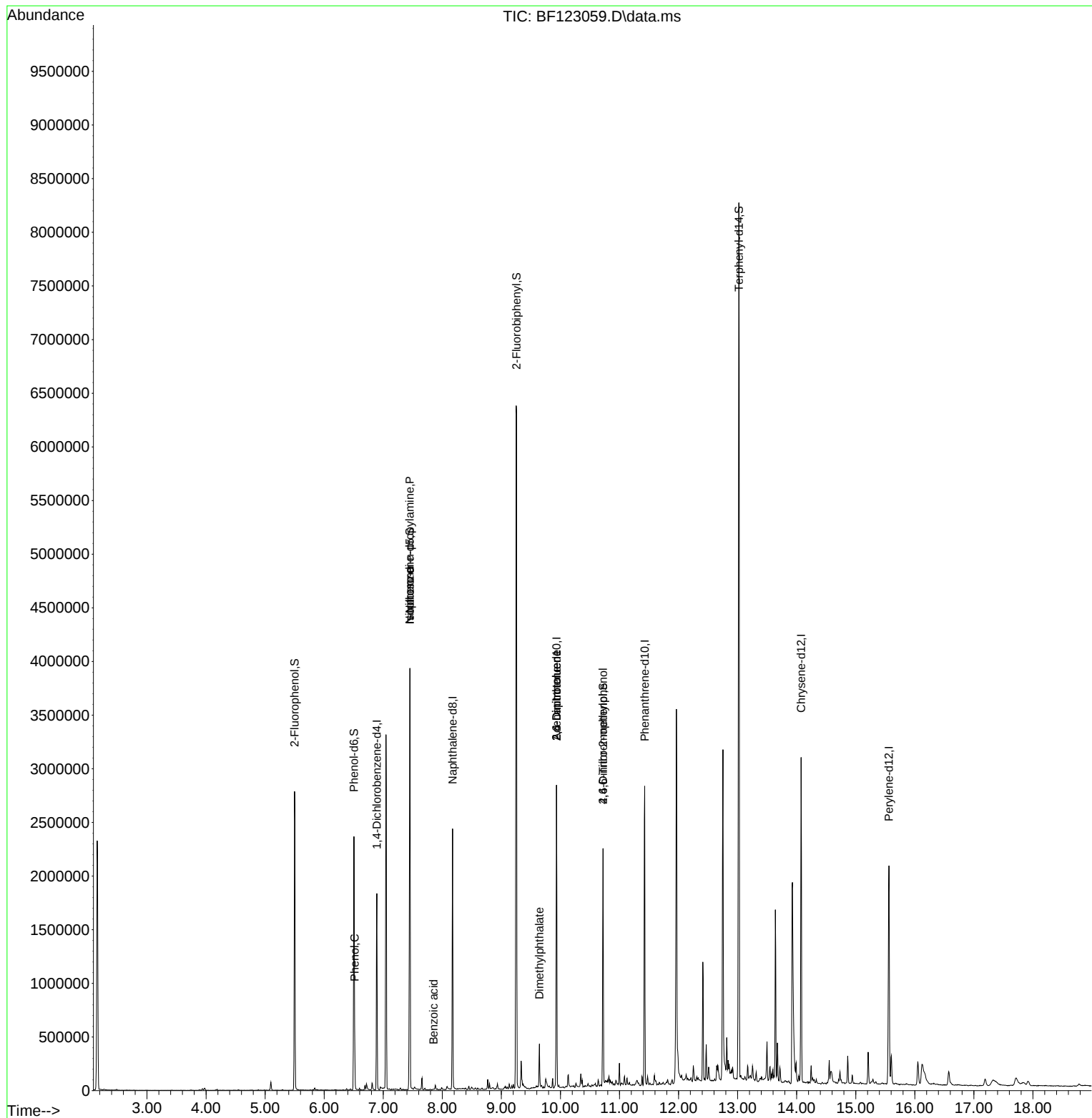
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	260428	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	987186	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	544595	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1012912	20.00	ng	0.00
76) Chrysene-d12	14.074	240	985187	20.00	ng	#-0.01
86) Perylene-d12	15.563	264	912578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	774537	45.88	ng	0.00
7) Phenol-d6	6.504	99	750978	32.82	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1282461	65.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	236812	40.06	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	2222743	60.67	ng	0.00
79) Terphenyl-d14	13.021	244	2997216	59.77	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.516	94	110781	4.88	ng	87
19) n-Nitroso-di-n-propyla...	7.451	70	171382	12.45	ng	# 80
25) Isophorone	7.451	82	1279112	35.60	ng	# 65
32) Benzoic acid	7.851	122	1103	5.00	ng	# 88
50) Dimethylphthalate	9.645	163	146814	3.44	ng	99
51) 2,6-Dinitrotoluene	9.933	165	69430	7.63	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	69430	5.87	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	644	5.08	ng	# 1

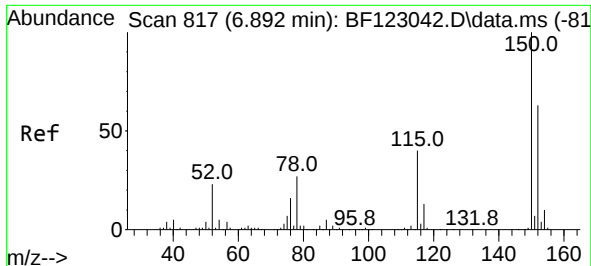
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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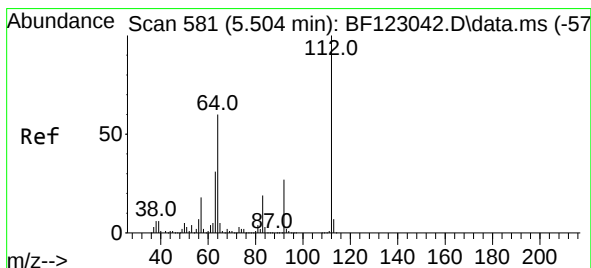
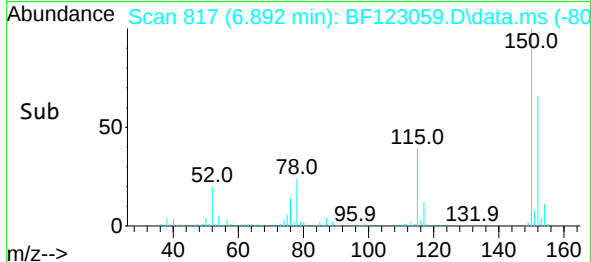
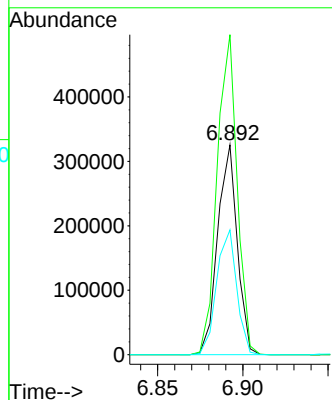
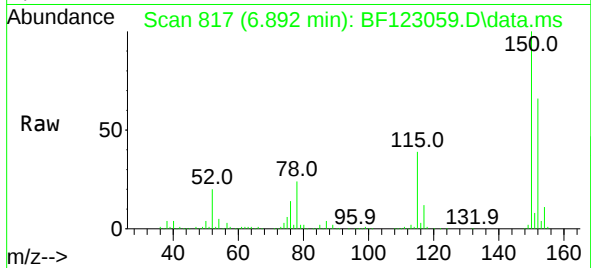




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

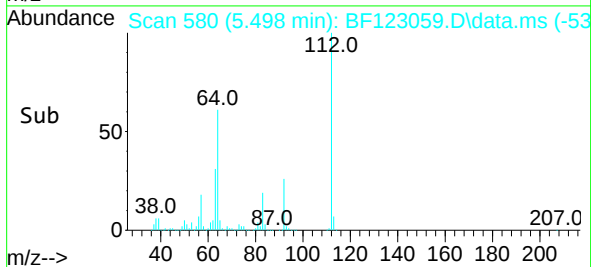
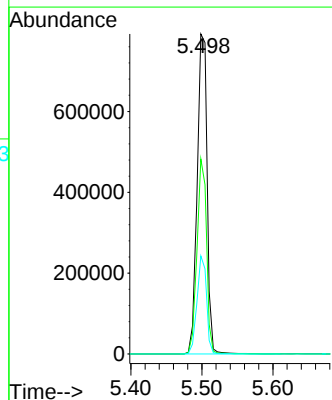
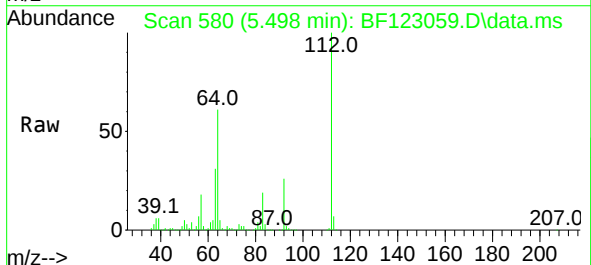
Instrument :
BNA_F
ClientSampleId :
0049-043-COMP-C-ELUTRIATE

Tgt Ion:152 Resp: 260428
Ion Ratio Lower Upper
152 100
150 152.5 125.8 188.6
115 59.5 49.3 73.9



#5
2-Fluorophenol
Concen: 45.88 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

Tgt Ion:112 Resp: 774537
Ion Ratio Lower Upper
112 100
64 61.0 46.9 70.3
63 30.7 24.5 36.7

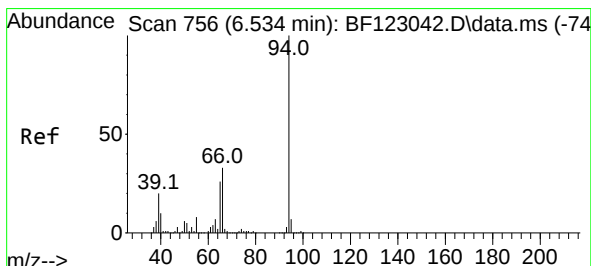
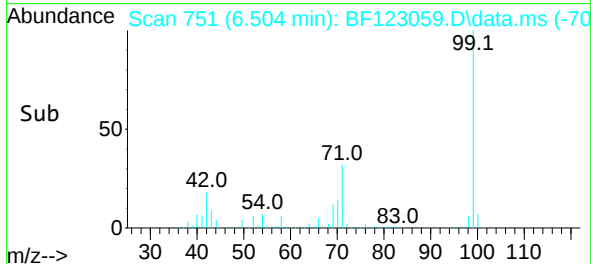
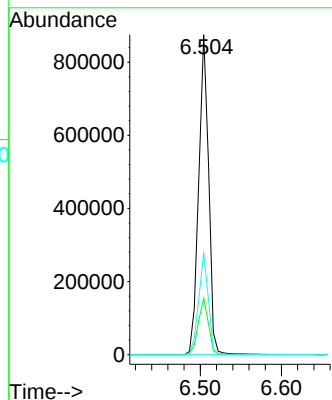
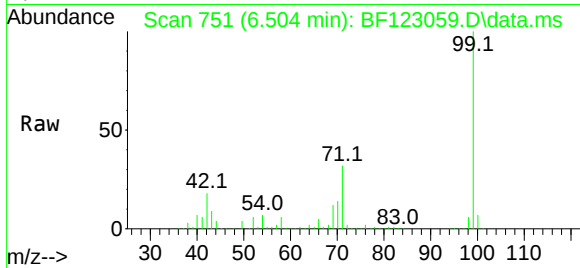




#7
Phenol-d6
Concen: 32.82 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

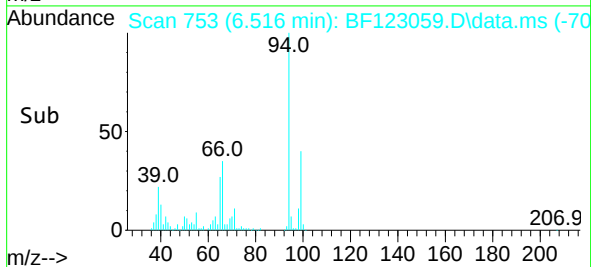
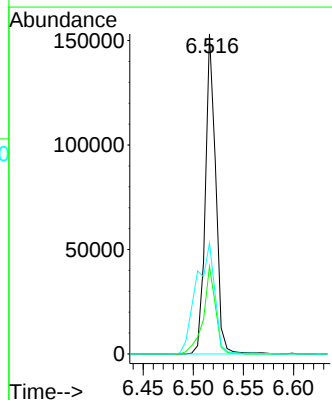
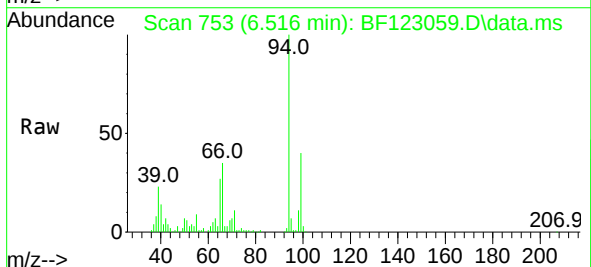
Instrument :
BNA_F
ClientSampleId :
0049-043-COMP-C-ELUTRIATE

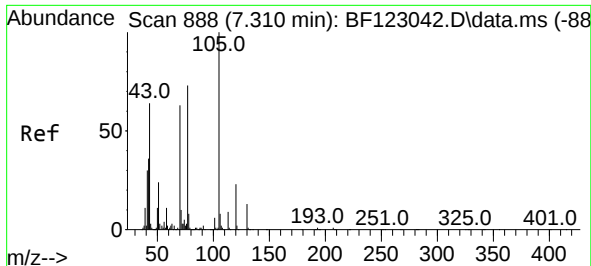
Tgt Ion:	99	Resp:	750978
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.8	20.6
71	31.7	26.9	40.3



#10
Phenol
Concen: 4.88 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.018 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

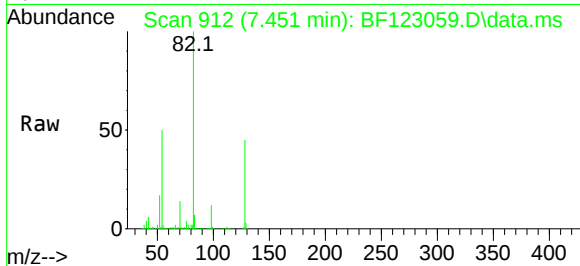
Tgt Ion:	94	Resp:	110781
Ion	Ratio	Lower	Upper
94	100		
65	27.4	11.2	51.2
66	34.7	25.8	65.8



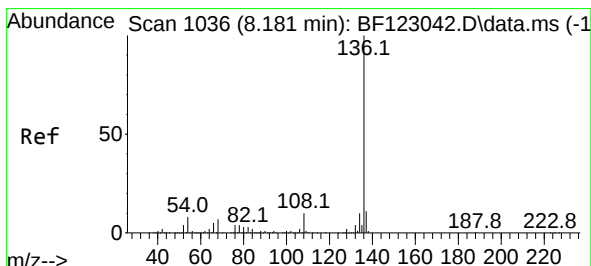
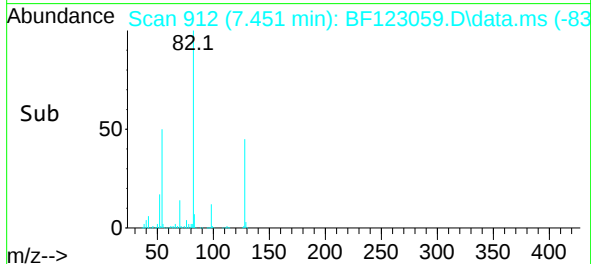
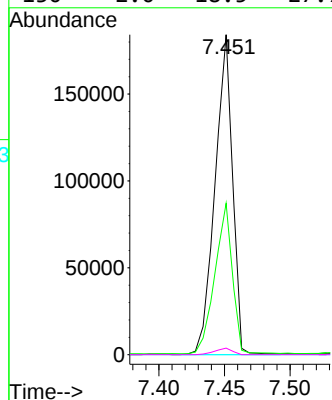


#19
n-Nitroso-di-n-propylamine
Concen: 12.45 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

Instrument :
BNA_F
ClientSampleId :
0049-043-COMP-C-ELUTRIATE

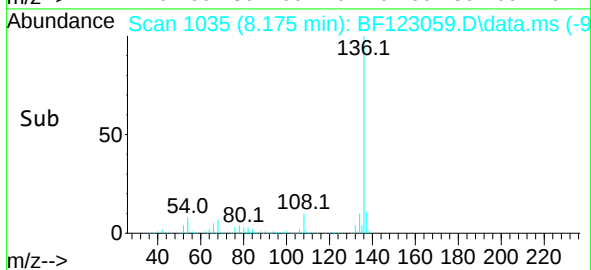
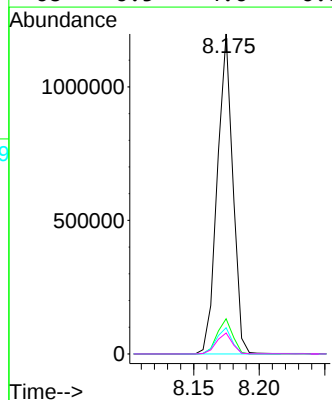
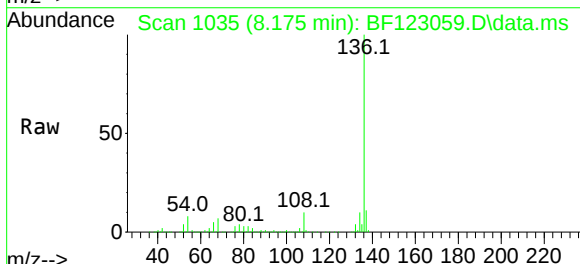


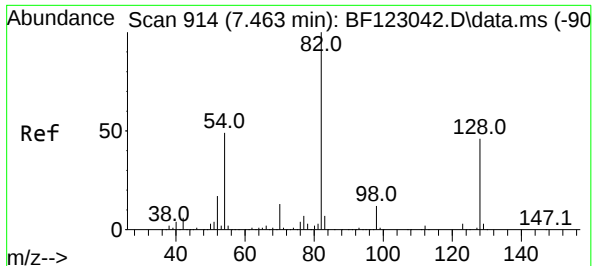
Tgt Ion: 70 Resp: 171382
Ion Ratio Lower Upper
70 100
42 47.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

Tgt Ion: 136 Resp: 987186
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 5.5 8.3
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 65.38 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF123059.D

Acq: 28 Jan 2021 14:58

Tgt Ion: 82 Resp: 1282461

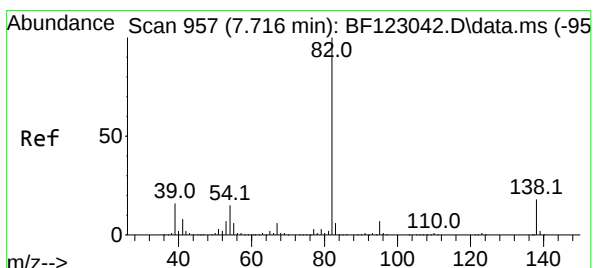
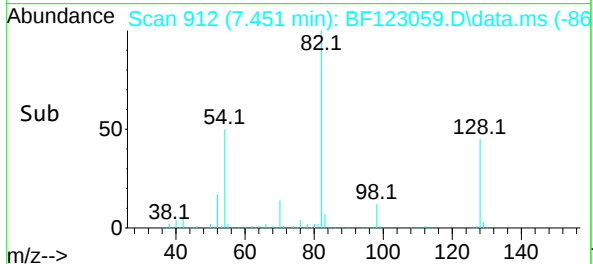
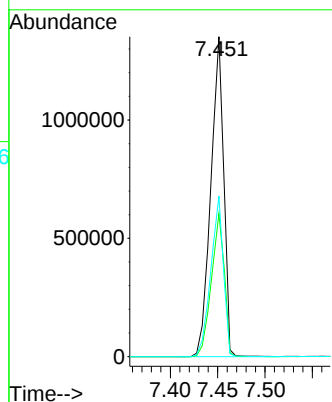
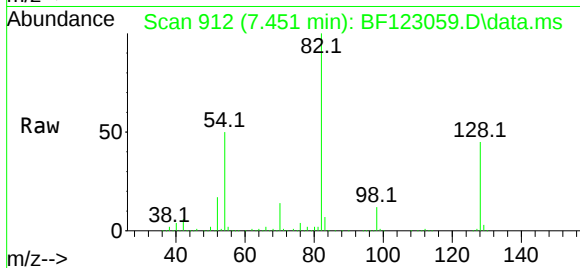
Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.0	55.4
54	50.1	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

0049-043-COMP-C-ELUTRIATE



#25

Isophorone

Concen: 35.60 ng

RT: 7.451 min Scan# 912

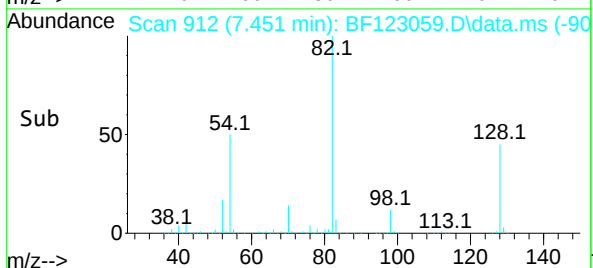
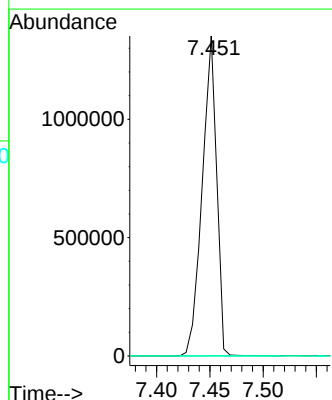
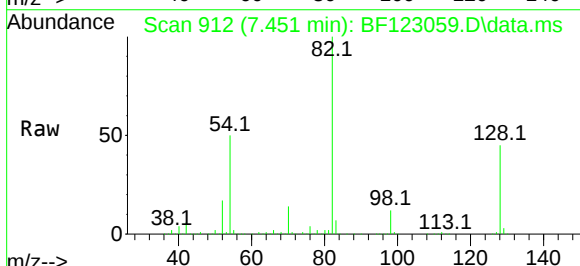
Delta R.T. -0.265 min

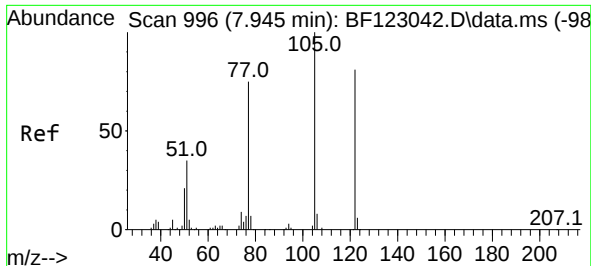
Lab File: BF123059.D

Acq: 28 Jan 2021 14:58

Tgt Ion: 82 Resp: 1279112

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

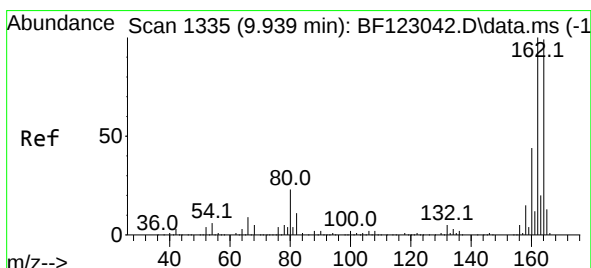
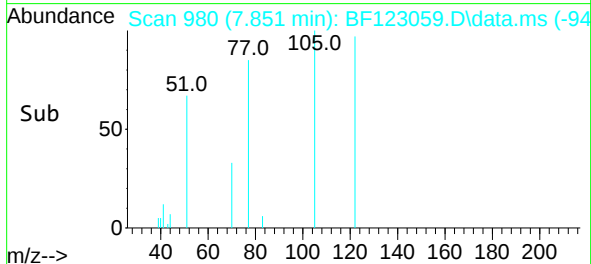
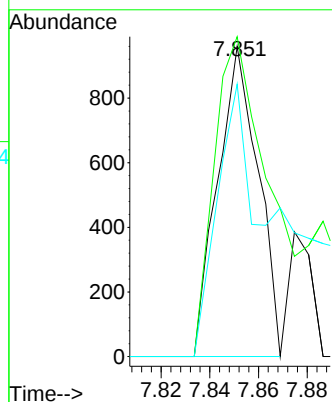
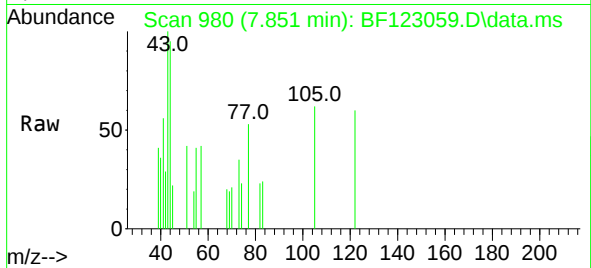




#32
Benzoic acid
Concen: 5.00 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.094 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

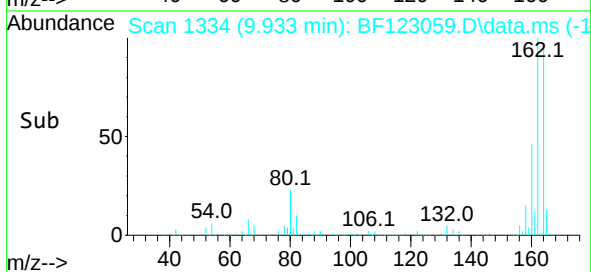
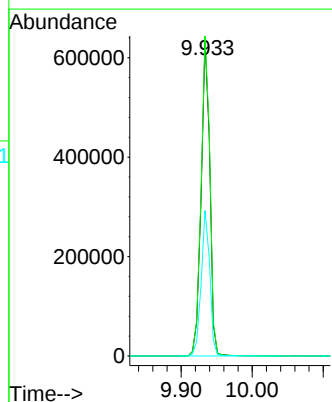
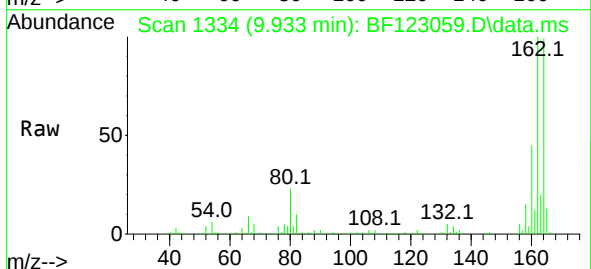
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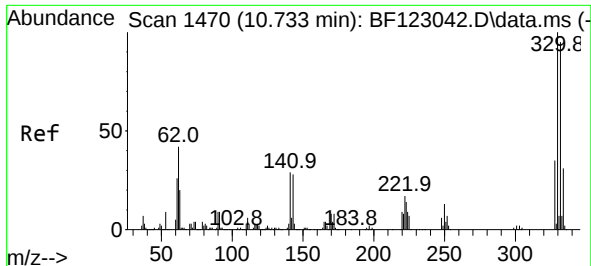
Tgt Ion:122 Resp: 1103
Ion Ratio Lower Upper
122 100
105 103.1 104.8 144.8#
77 87.8 71.0 111.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

Tgt Ion:164 Resp: 544595
Ion Ratio Lower Upper
164 100
162 101.2 80.8 121.2
160 46.0 35.4 53.0

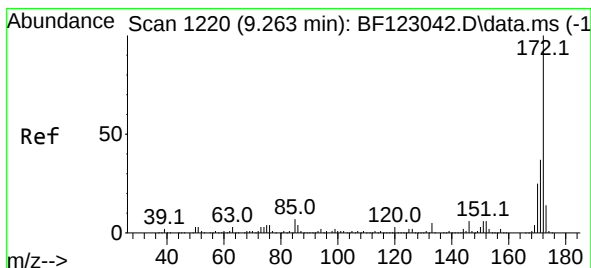
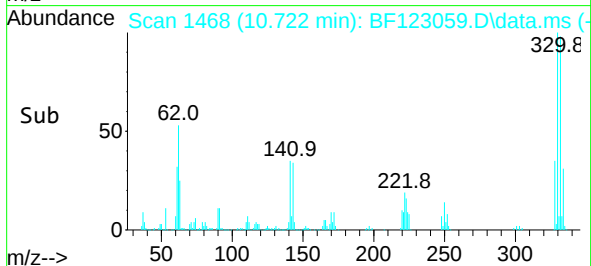
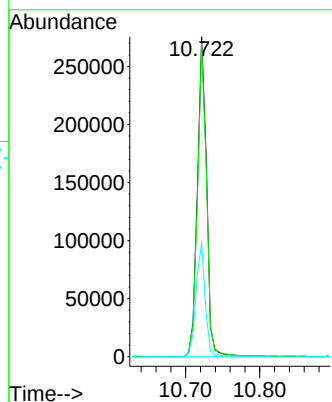
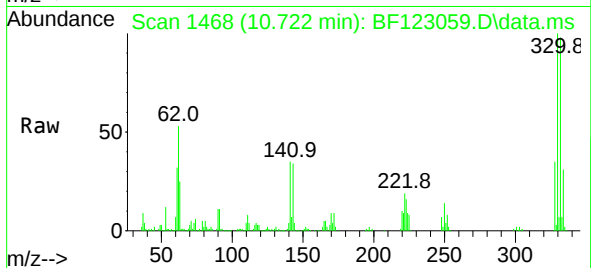




#42
2,4,6-Tribromophenol
Concen: 40.06 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

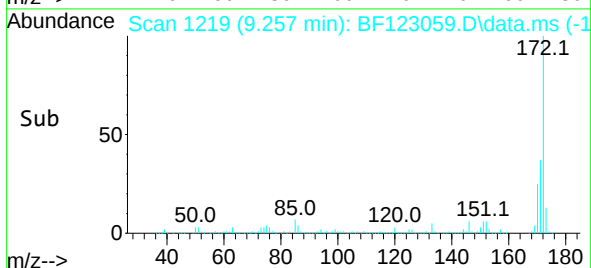
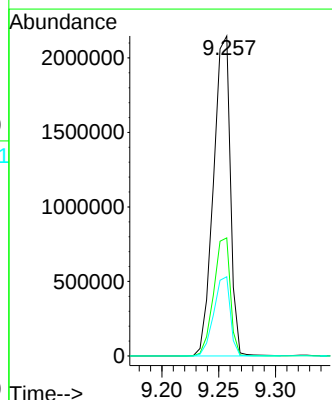
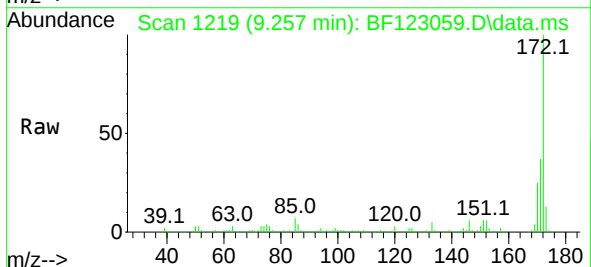
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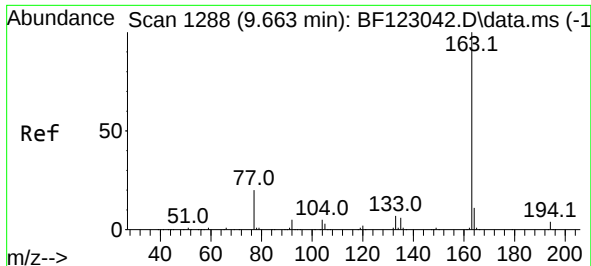
Tgt Ion: 330 Resp: 236812
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 36.4 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 60.67 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

Tgt Ion: 172 Resp: 2222743
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.8 19.5 29.3

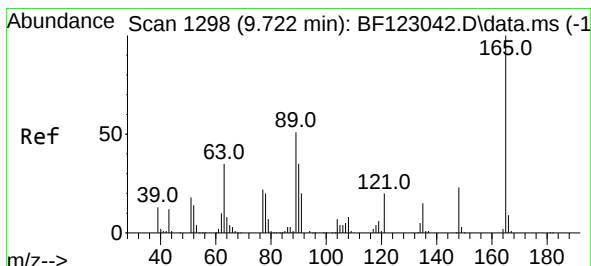
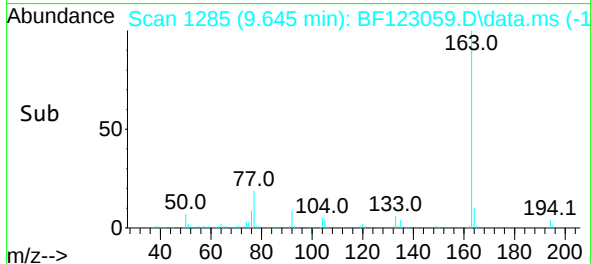
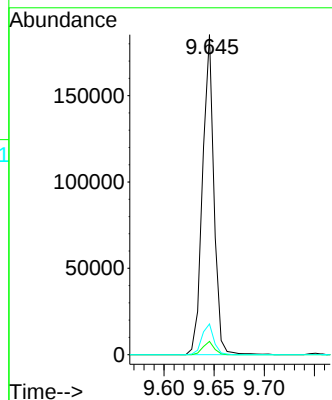
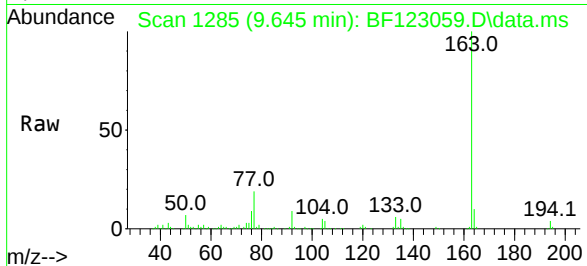




#50
Dimethylphthalate
Concen: 3.44 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

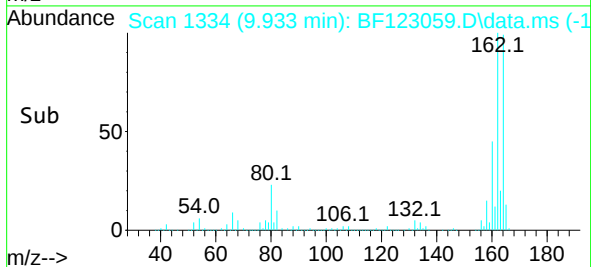
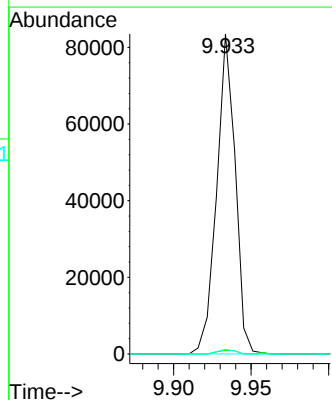
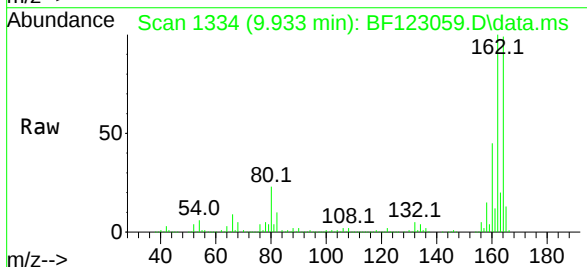
Instrument :
BNA_F
ClientSampleId :
0049-043-COMP-C-ELUTRIATE

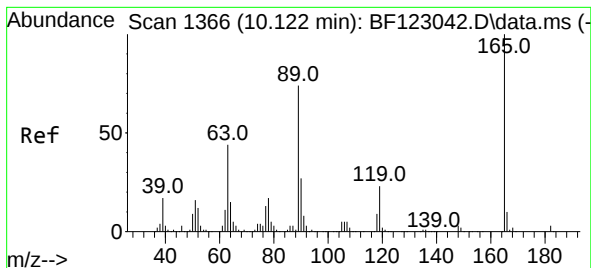
Tgt Ion:163 Resp: 146814
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.6 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

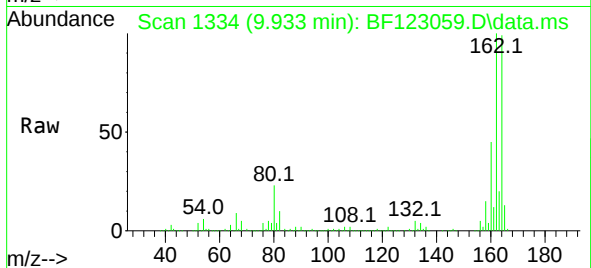
Tgt Ion:165 Resp: 69430
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.5 39.4 59.0#



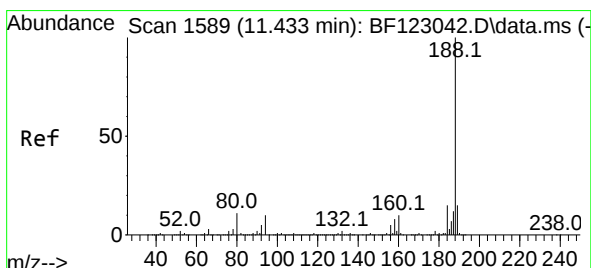
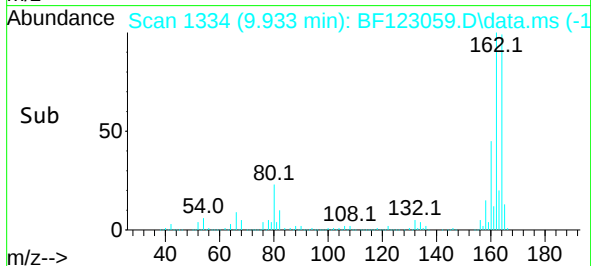
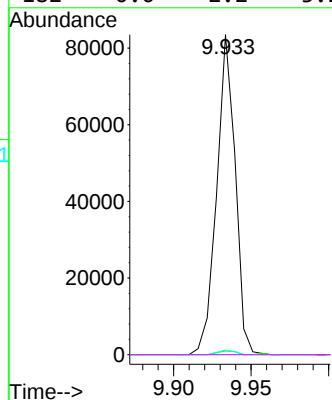


#57
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

Instrument :
BNA_F
ClientSampleId :
0049-043-COMP-C-ELUTRIATE

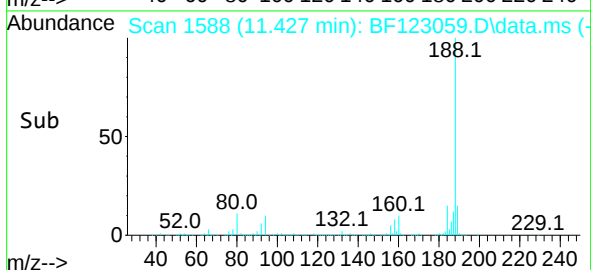
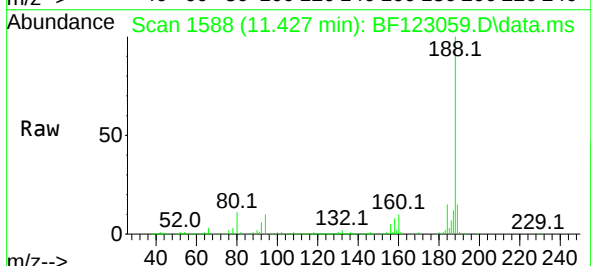
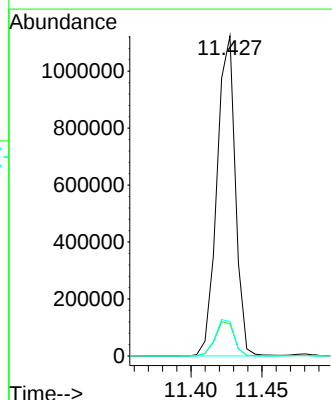


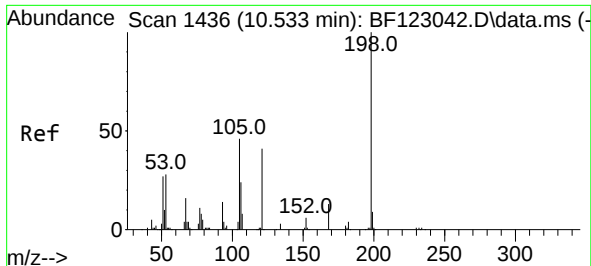
Tgt Ion:165 Resp: 69430
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

Tgt Ion:188 Resp: 1012912
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.8 8.2 12.4

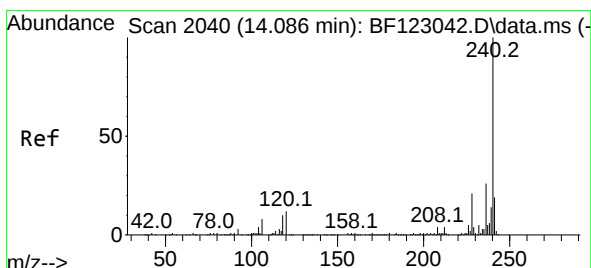
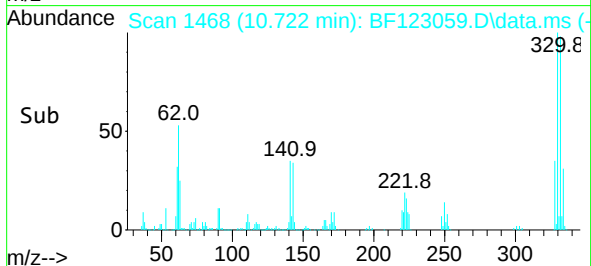
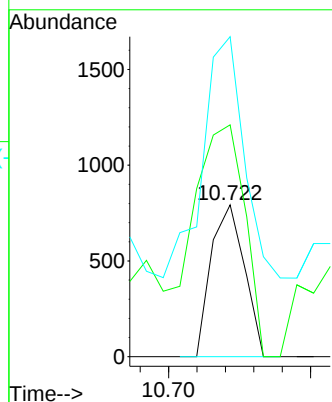
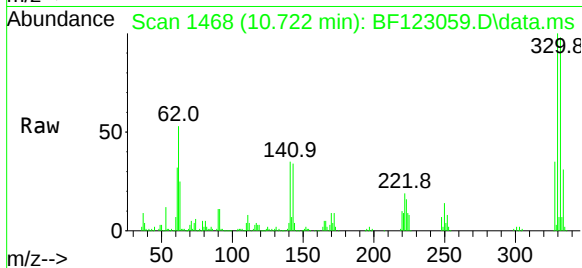




#65
4,6-Dinitro-2-methylphenol
Concen: 5.08 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.189 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

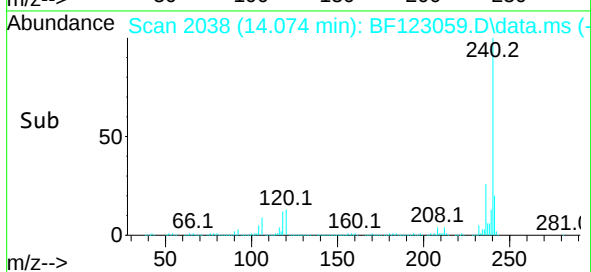
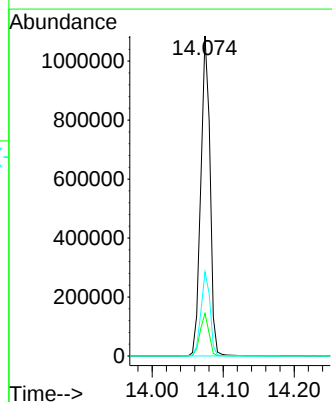
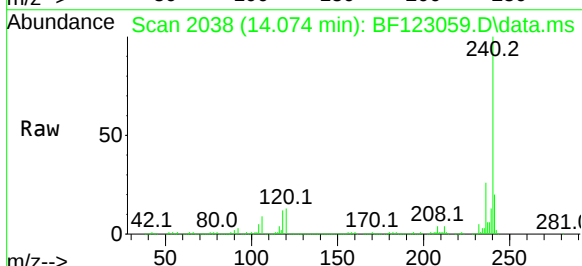
Instrument :
BNA_F
ClientSampleId :
0049-043-COMP-C-ELUTRIATE

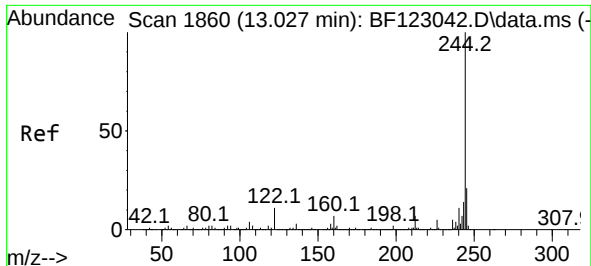
Tgt Ion:198 Resp: 644
Ion Ratio Lower Upper
198 100
51 152.7 20.3 60.3#
105 210.7 23.0 63.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

Tgt Ion:240 Resp: 985187
Ion Ratio Lower Upper
240 100
120 13.3 8.6 12.8#
236 26.3 20.3 30.5

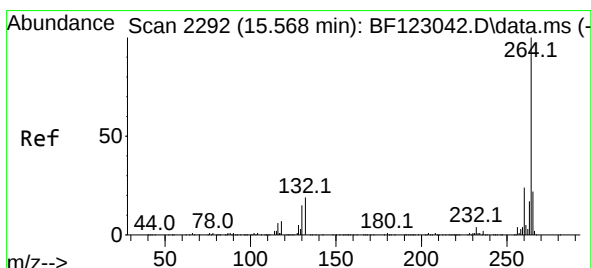
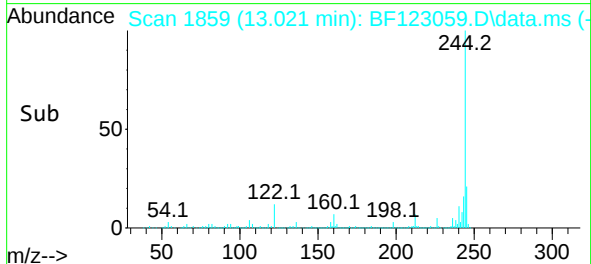
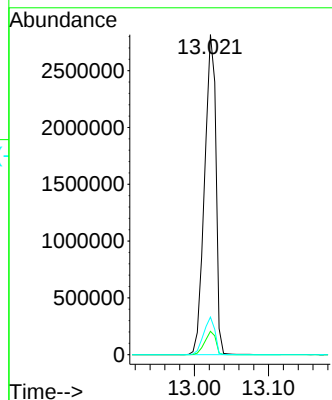
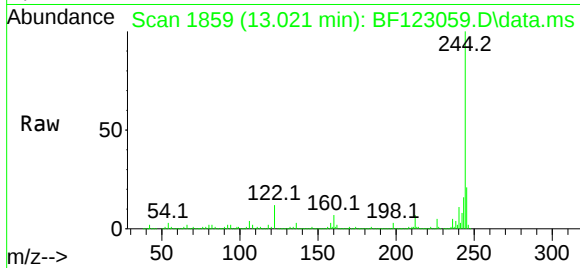




#79
Terphenyl-d14
Concen: 59.77 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

Instrument :
BNA_F
ClientSampleId :
0049-043-COMP-C-ELUTRIATE

Tgt Ion:244 Resp: 2997216
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.8 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.563 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF123059.D
Acq: 28 Jan 2021 14:58

Tgt Ion:264 Resp: 912578
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.9 17.0 25.6

