

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
 Data File : BF123088.D
 Acq On : 29 Jan 2021 18:16
 Operator : JU/CG
 Sample : M1263-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0053-048-COMP-G-ELUTRIATE

Quant Time: Jan 29 22:37:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

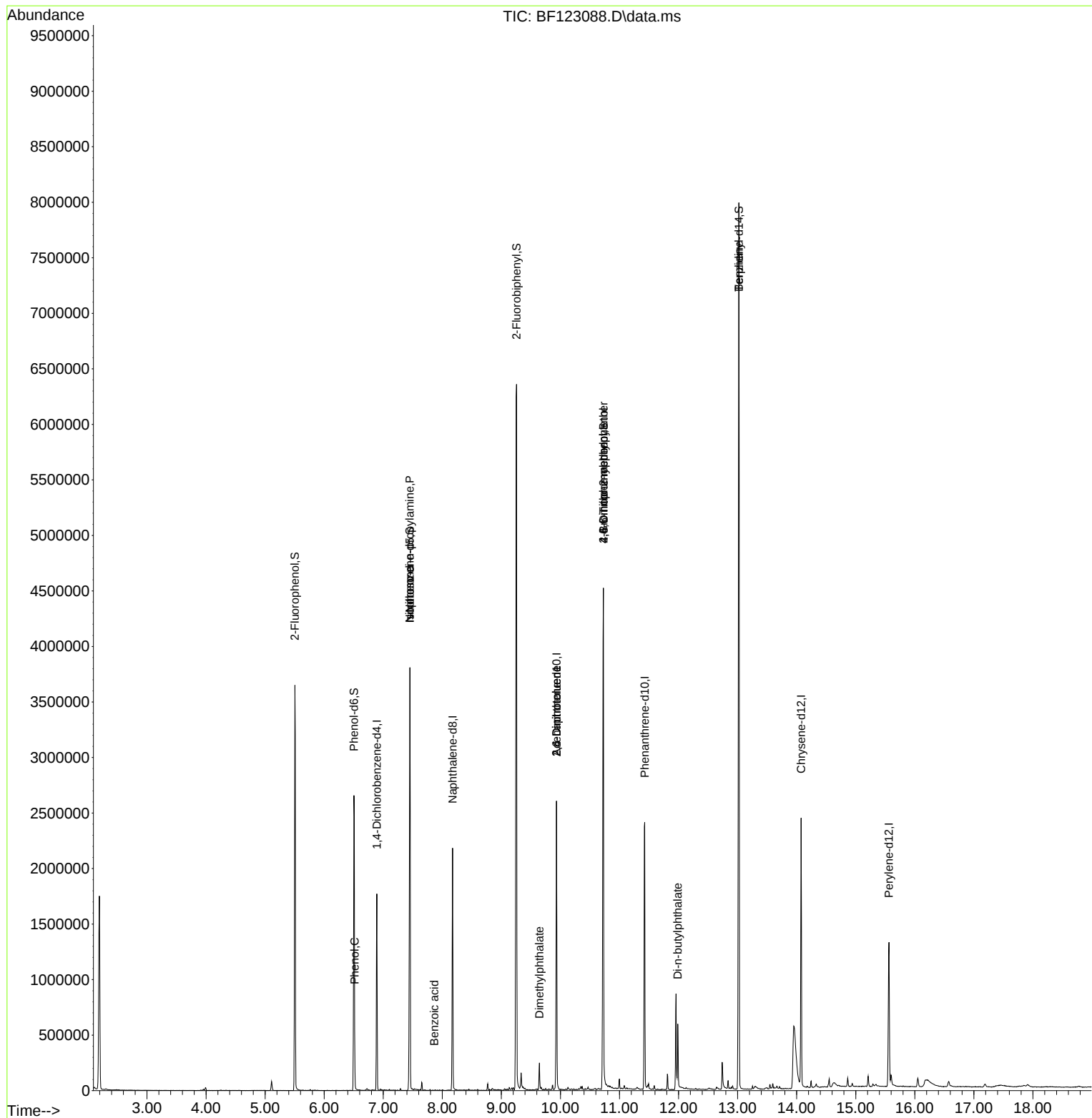
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	246405	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	953723	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	517581	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	936460	20.00	ng	0.00
76) Chrysene-d12	14.074	240	772330	20.00	ng	-0.01
86) Perylene-d12	15.562	264	610646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1060071	66.36	ng	0.00
7) Phenol-d6	6.504	99	980471	45.28	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1337799	70.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	634728	112.97	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2351444	67.54	ng	0.00
79) Terphenyl-d14	13.021	244	2739261	69.68	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	46317	2.16	ng	98
19) n-Nitroso-di-n-propyla...	7.451	70	180700	13.88	ng	# 79
25) Isophorone	7.451	82	1334580	38.45	ng	# 65
32) Benzoic acid	7.863	122	113	4.92	ng	# 1
50) Dimethylphthalate	9.645	163	97095	2.39	ng	97
51) 2,6-Dinitrotoluene	9.933	165	65887	7.62	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	65876	5.86	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1289	5.20	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	43192	3.62	ng	# 1
74) Di-n-butylphthalate	11.986	149	251537	4.10	ng	99
77) Benzidine	13.021	184	36644	2.10	ng	96

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

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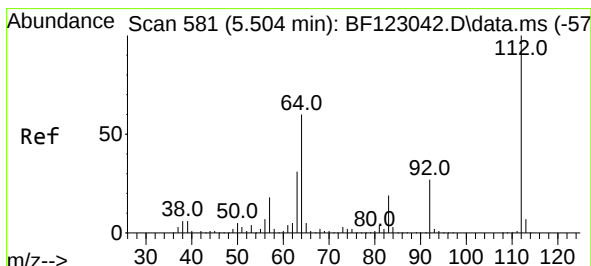
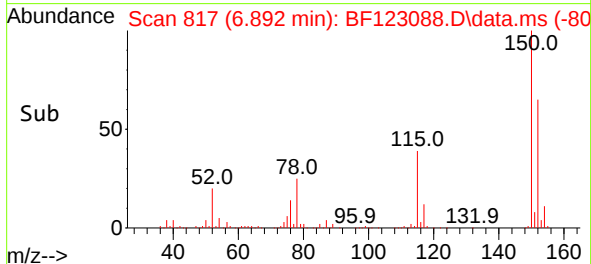
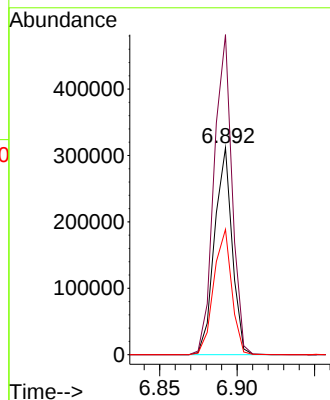
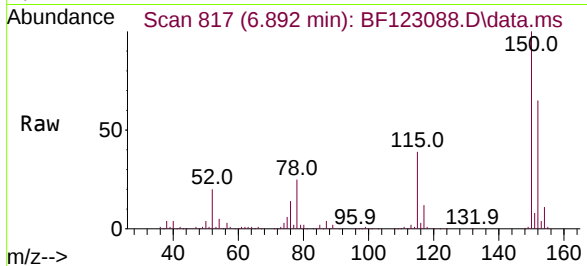




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123088.D
 Acq: 29 Jan 2021 18:16

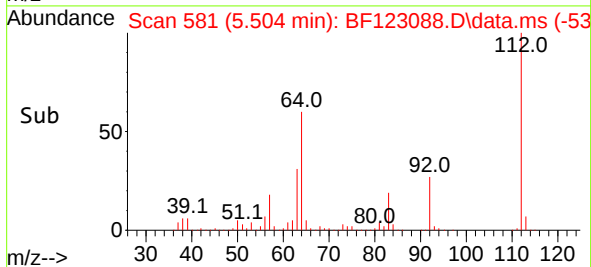
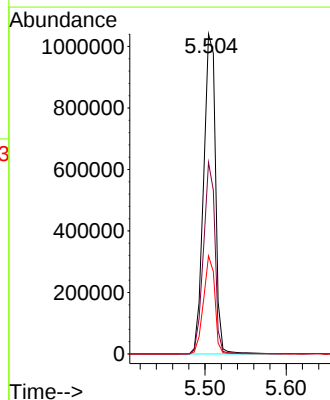
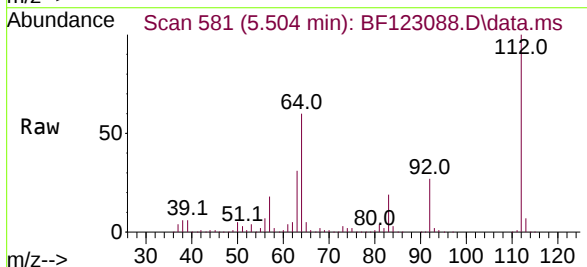
Instrument :
 BNA_F
 ClientSampleId :
 0053-048-COMP-G-ELUTRIATE

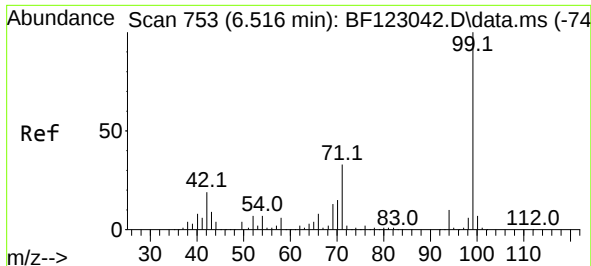
Tgt Ion:152 Resp: 246405
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.8 188.6
 115 60.5 49.3 73.9



#5
 2-Fluorophenol
 Concen: 66.36 ng
 RT: 5.504 min Scan# 581
 Delta R.T. -0.000 min
 Lab File: BF123088.D
 Acq: 29 Jan 2021 18:16

Tgt Ion:112 Resp: 1060071
 Ion Ratio Lower Upper
 112 100
 64 59.8 46.9 70.3
 63 30.6 24.5 36.7

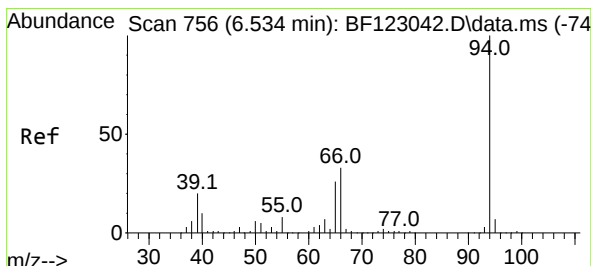
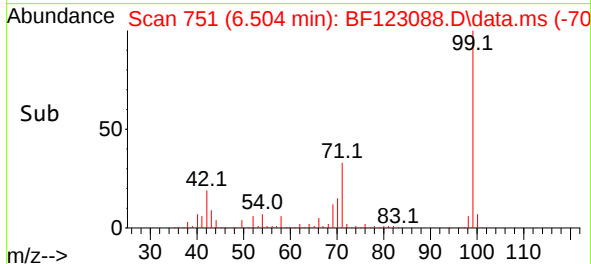
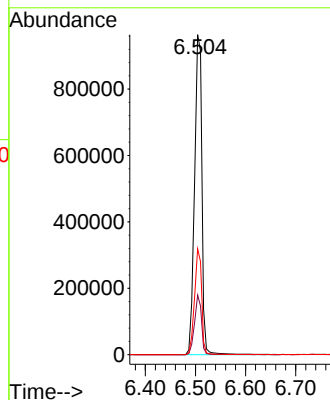
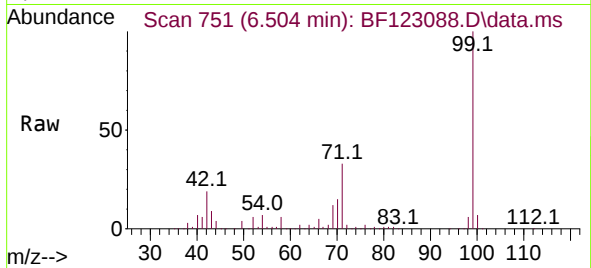




#7
Phenol-d6
Concen: 45.28 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

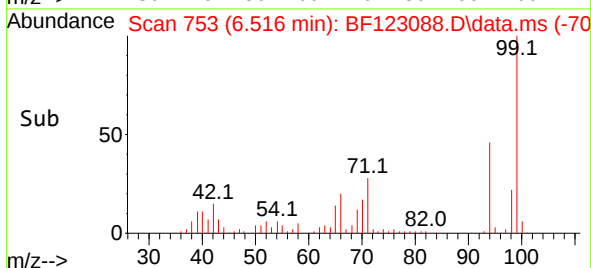
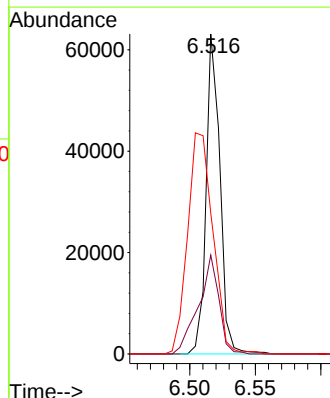
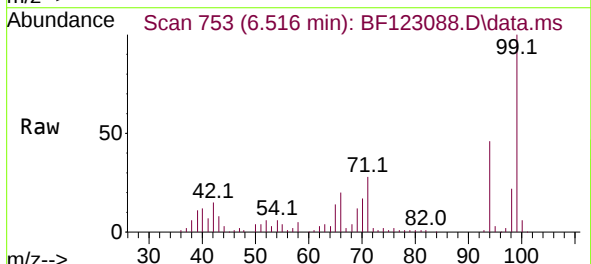
Instrument :
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ClientSampleId :
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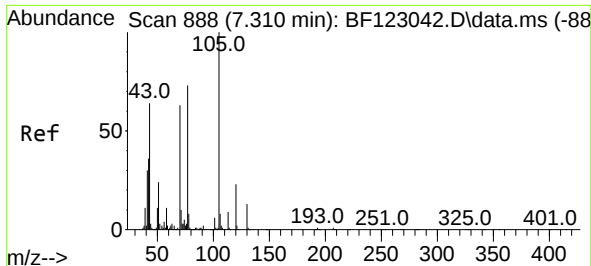
Tgt Ion: 99 Resp: 980471
Ion Ratio Lower Upper
99 100
42 18.7 13.8 20.6
71 33.1 26.9 40.3



#10
Phenol
Concen: 2.16 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.018 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

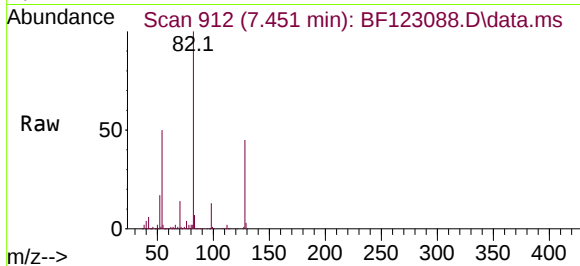
Tgt Ion: 94 Resp: 46317
Ion Ratio Lower Upper
94 100
65 30.9 11.2 51.2
66 44.0 25.8 65.8



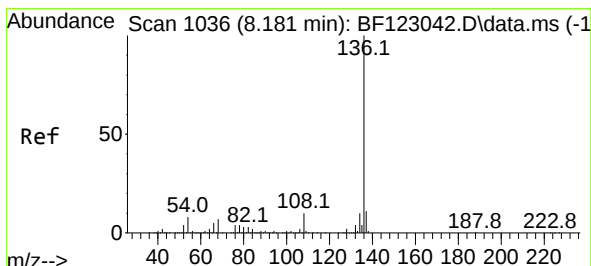
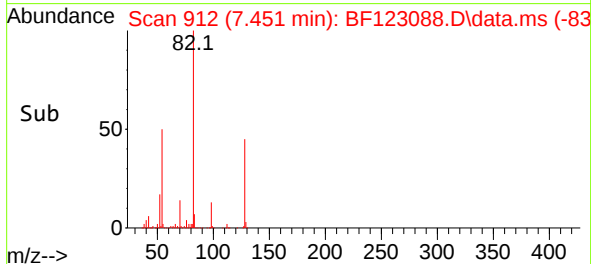
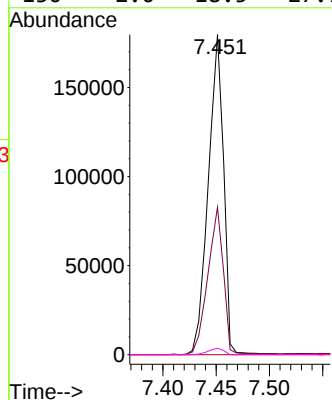


#19
n-Nitroso-di-n-propylamine
Concen: 13.88 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

Instrument :
BNA_F
ClientSampleId :
0053-048-COMP-G-ELUTRIATE

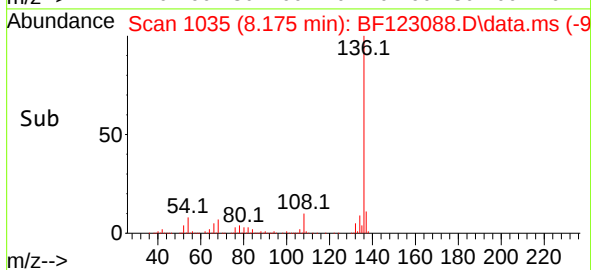
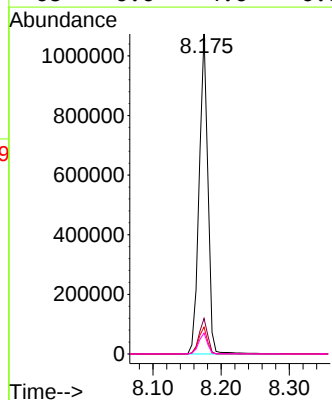
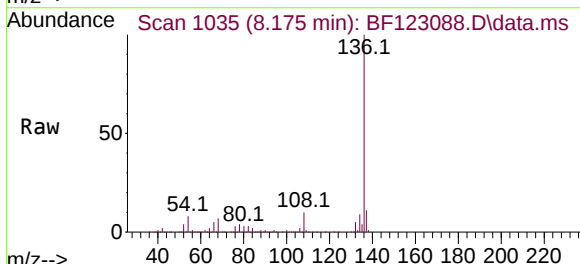


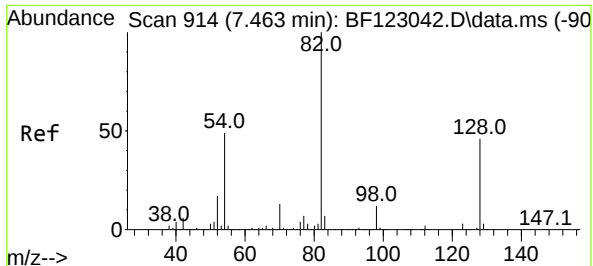
Tgt Ion: 70 Resp: 180700
Ion Ratio Lower Upper
70 100
42 46.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

Tgt Ion: 136 Resp: 953723
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 5.5 8.3#
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 70.59 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF123088.D

Acq: 29 Jan 2021 18:16

Tgt Ion: 82 Resp: 1337799

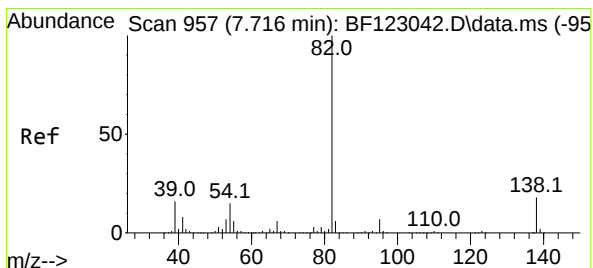
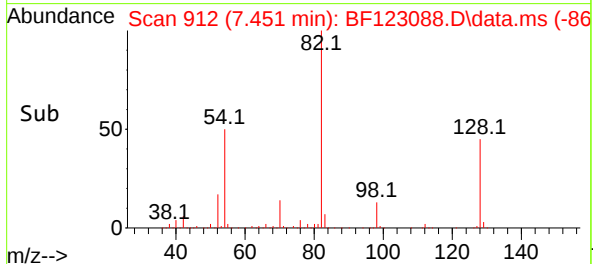
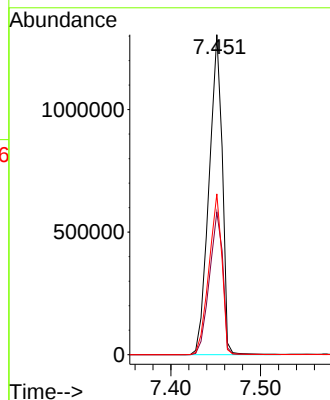
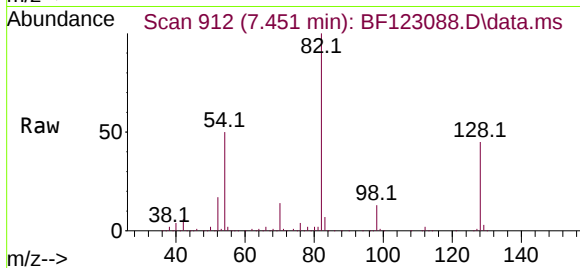
Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.0	55.4
54	50.3	38.4	57.6

Instrument :

BNA_F

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#25

Isophorone

Concen: 38.45 ng

RT: 7.451 min Scan# 912

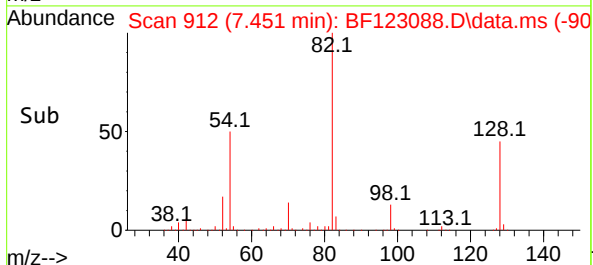
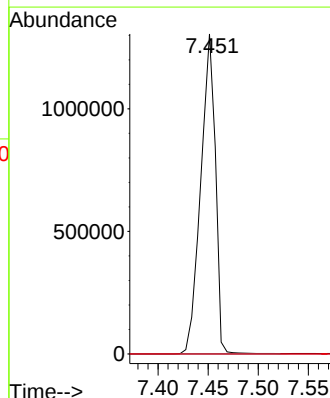
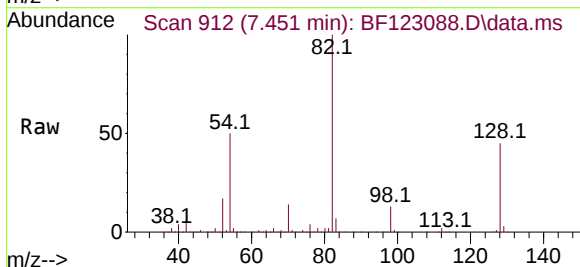
Delta R.T. -0.265 min

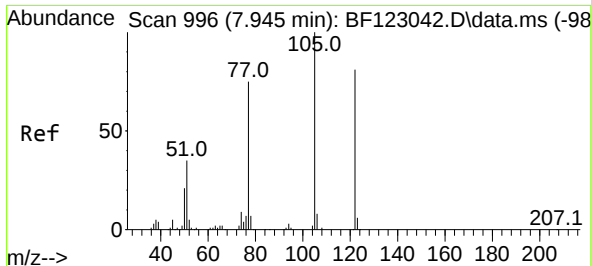
Lab File: BF123088.D

Acq: 29 Jan 2021 18:16

Tgt Ion: 82 Resp: 1334580

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

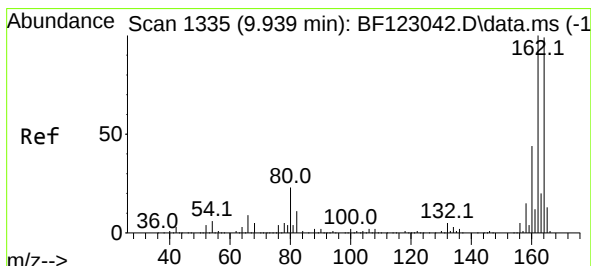
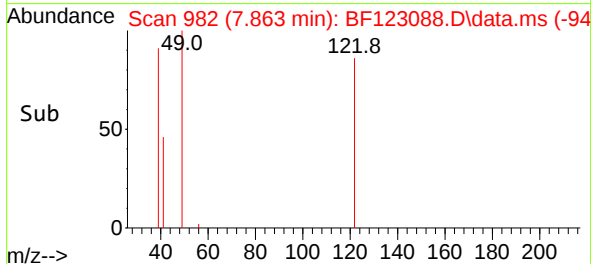
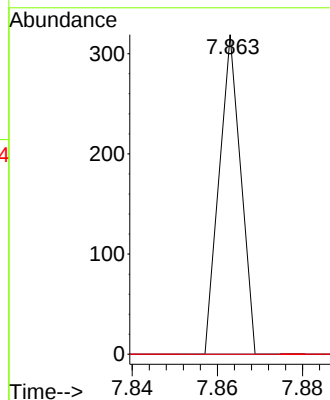
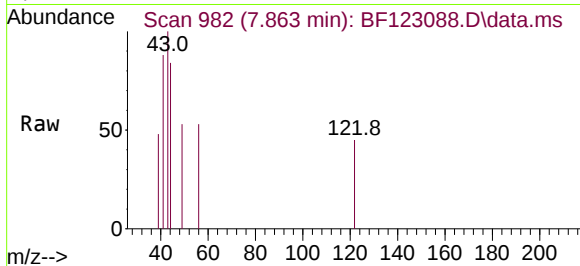




#32
Benzoic acid
Concen: 4.92 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.082 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

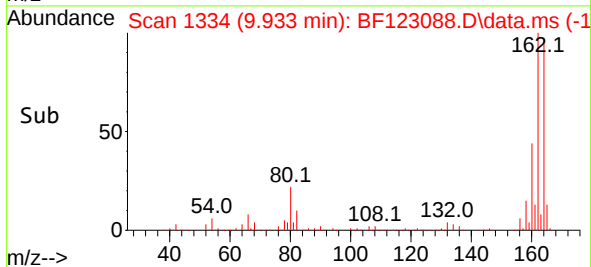
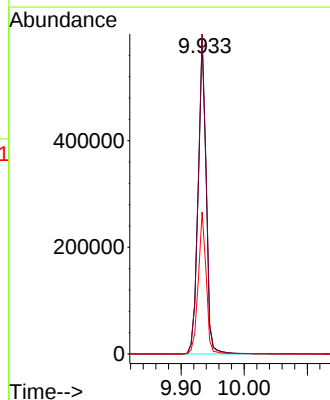
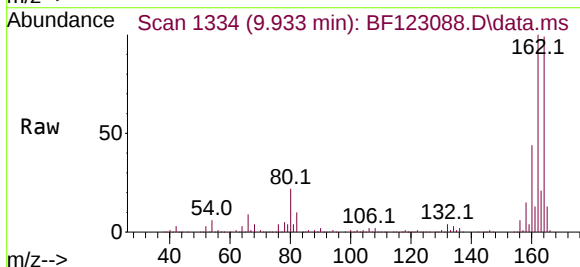
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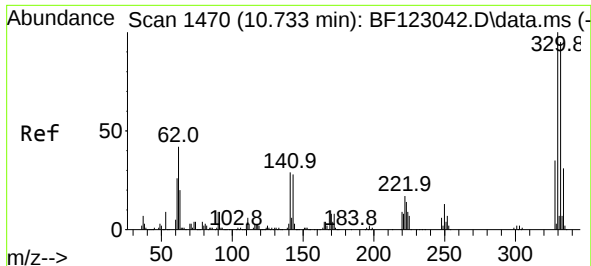
Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 0.0 104.8 144.8#
77 0.0 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

Tgt Ion:164 Resp: 517581
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 45.0 35.4 53.0

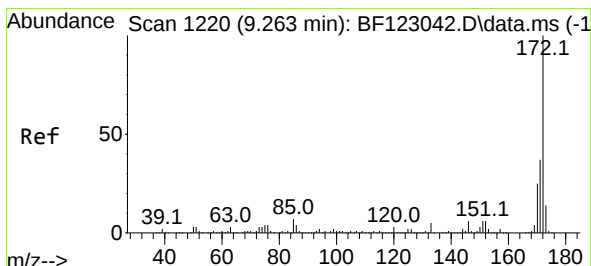
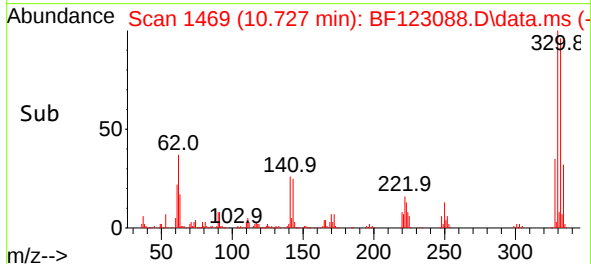
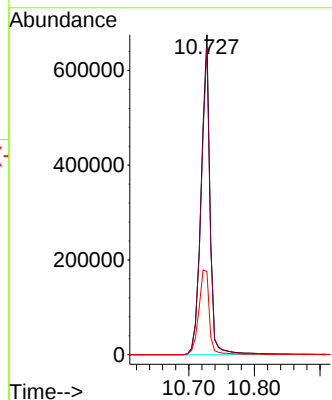
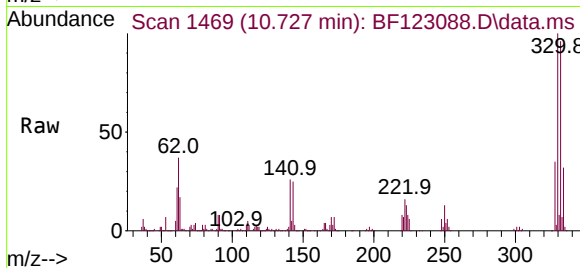




#42
2,4,6-Tribromophenol
Concen: 112.97 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

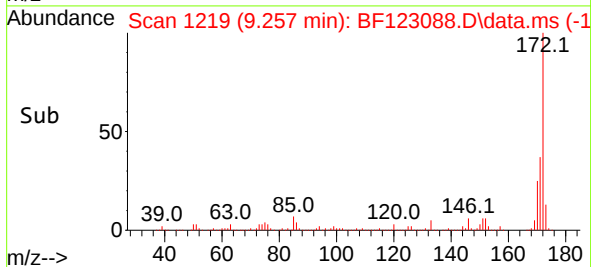
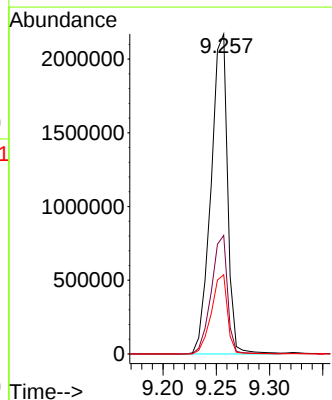
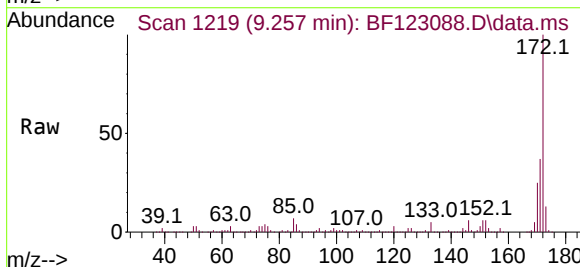
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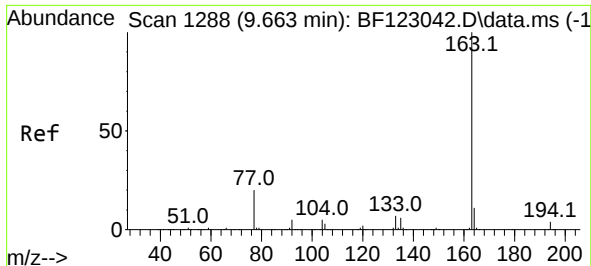
Tgt Ion: 330 Resp: 634728
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 31.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 67.54 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

Tgt Ion: 172 Resp: 2351444
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.7 19.5 29.3

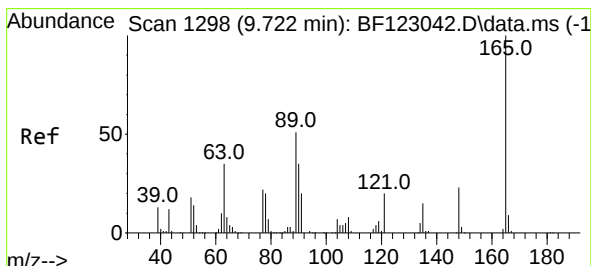
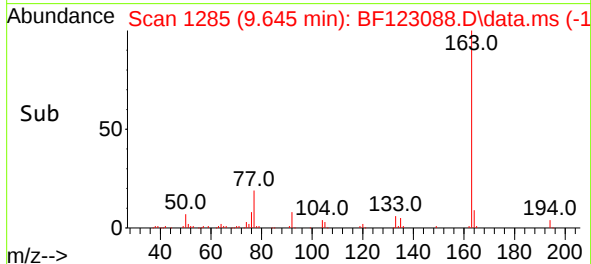
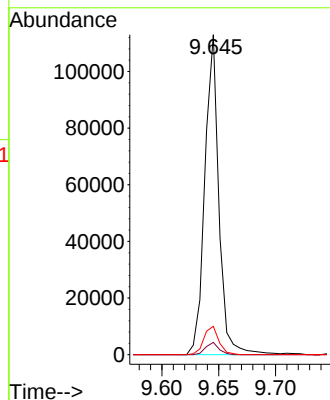
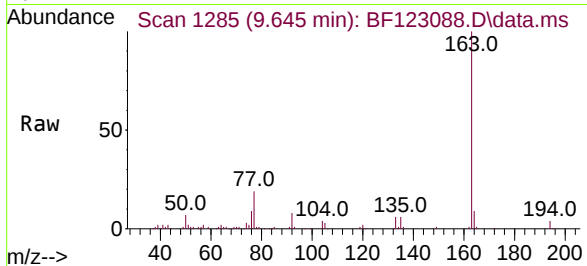




#50
Dimethylphthalate
Concen: 2.39 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

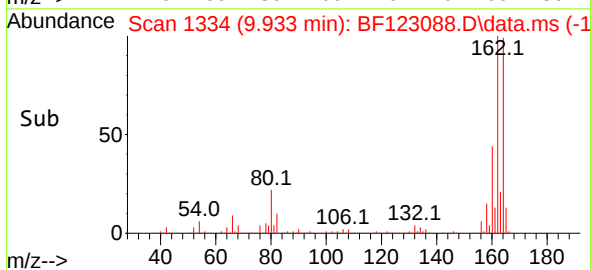
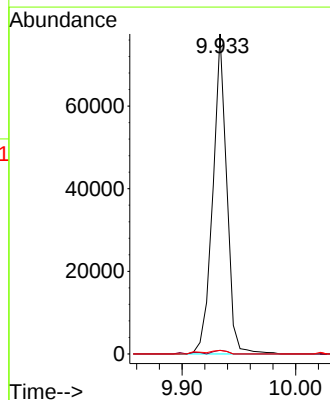
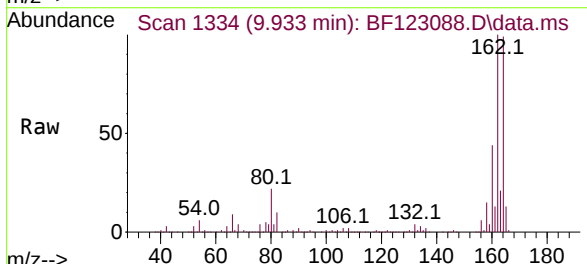
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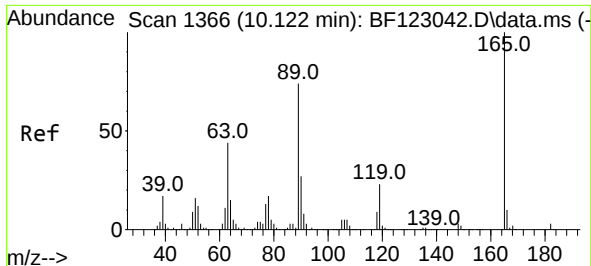
Tgt Ion:163 Resp: 97095
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 8.9 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

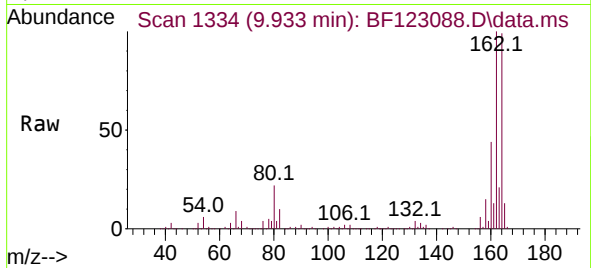
Tgt Ion:165 Resp: 65887
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.1 39.4 59.0#



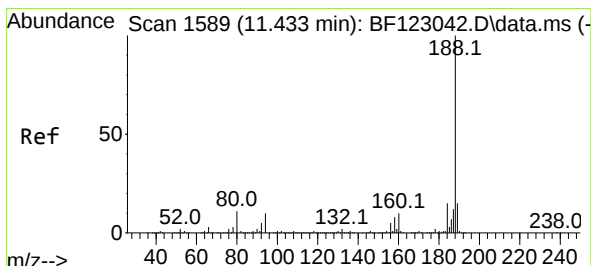
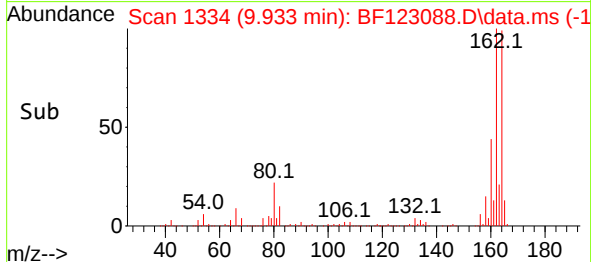
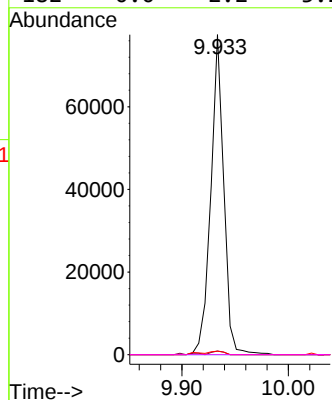


#57
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

Instrument :
BNA_F
ClientSampleId :
0053-048-COMP-G-ELUTRIATE

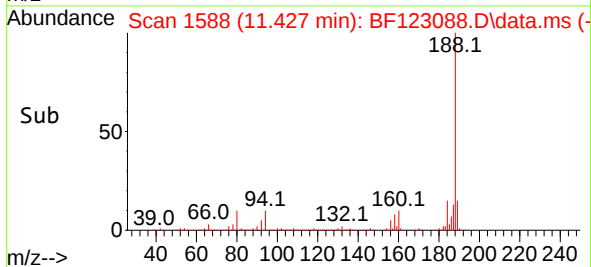
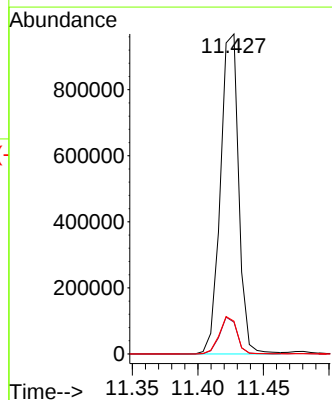
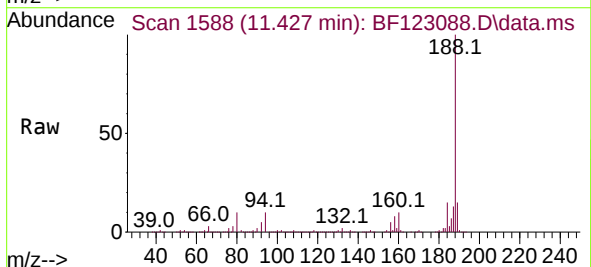


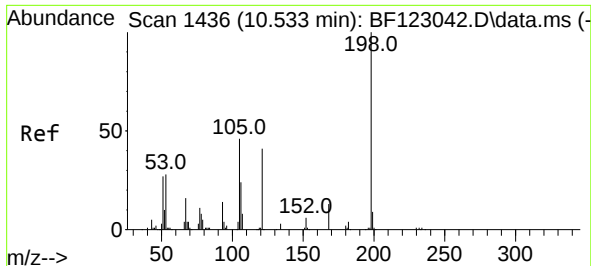
Tgt Ion:165 Resp: 65876
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

Tgt Ion:188 Resp: 936460
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.2 8.2 12.4

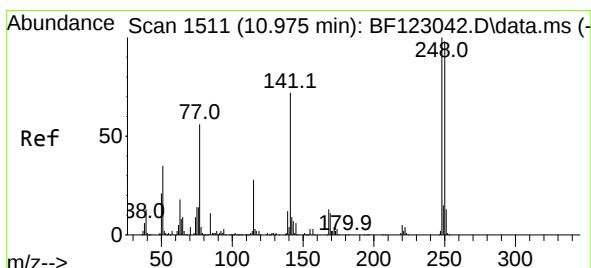
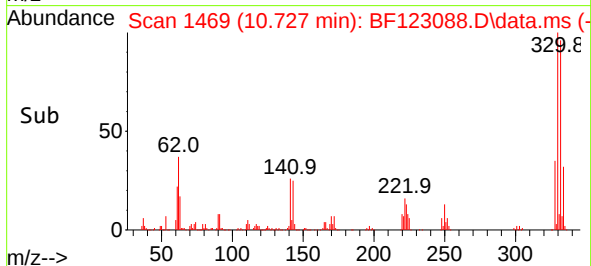
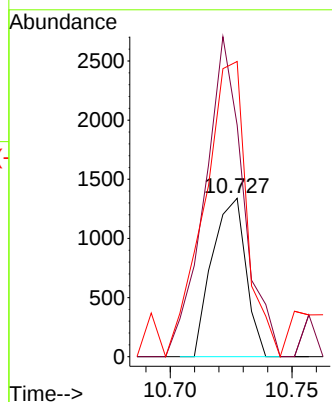
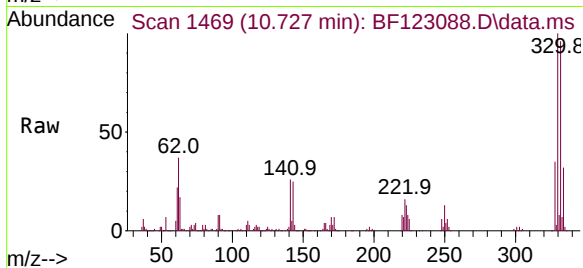




#65
4,6-Dinitro-2-methylphenol
Concen: 5.20 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

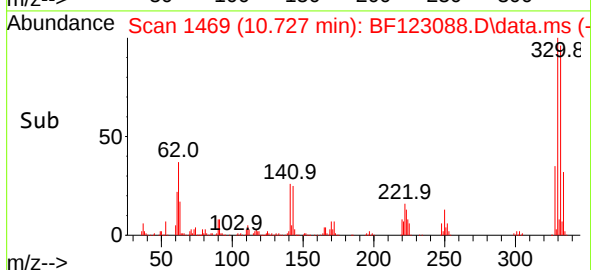
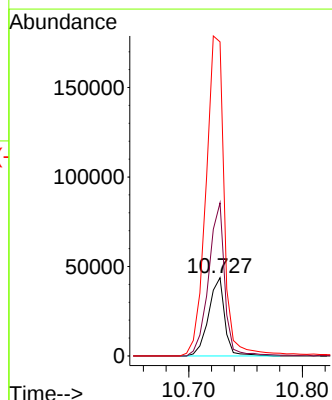
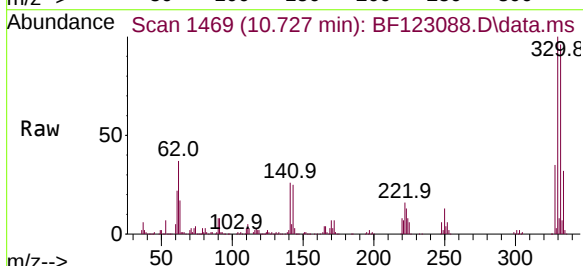
Instrument :
BNA_F
ClientSampleId :
0053-048-COMP-G-ELUTRIATE

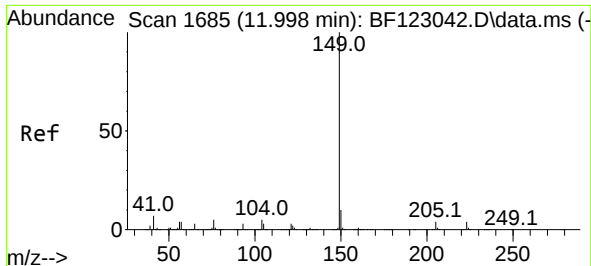
Tgt Ion:198 Resp: 1289
Ion Ratio Lower Upper
198 100
51 146.2 20.3 60.3#
105 186.4 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

Tgt Ion:248 Resp: 43192
Ion Ratio Lower Upper
248 100
250 195.8 76.8 115.2#
141 401.7 59.8 89.8#

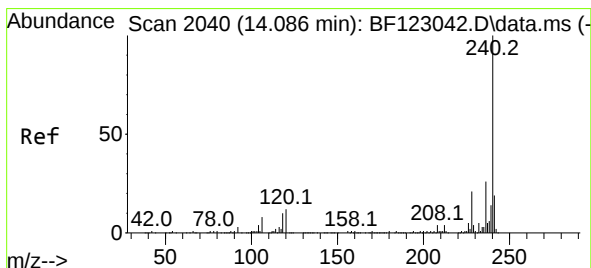
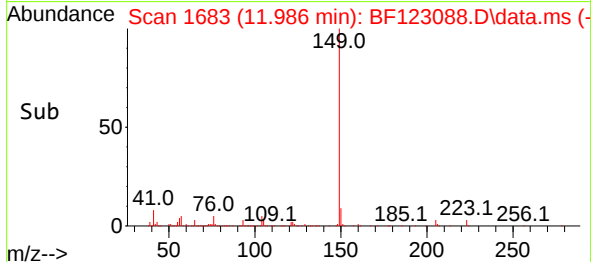
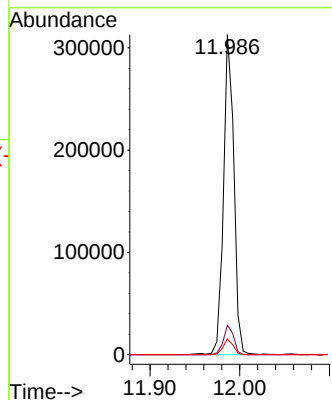
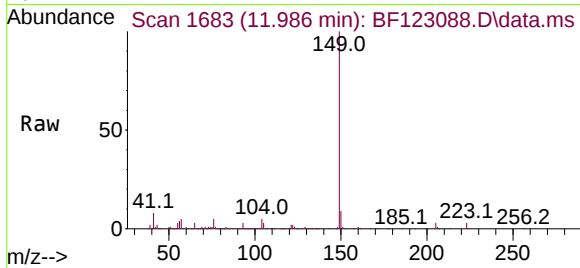




#74
Di-n-butylphthalate
Concen: 4.10 ng
RT: 11.986 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

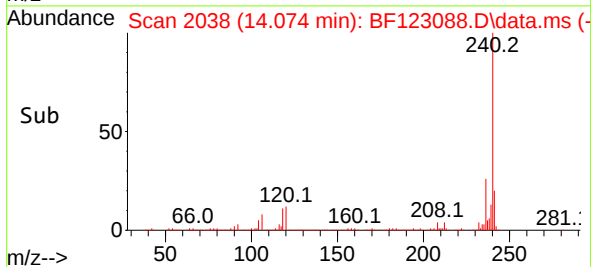
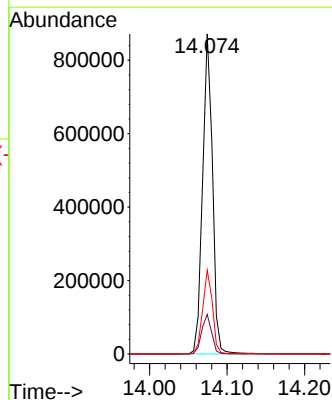
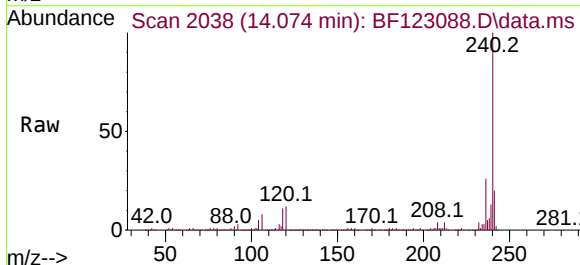
Instrument :
BNA_F
ClientSampleId :
0053-048-COMP-G-ELUTRIATE

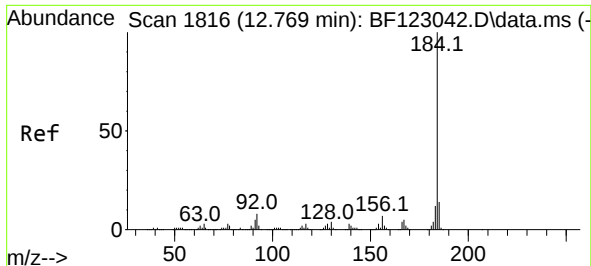
Tgt Ion:149 Resp: 251537
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.9 4.2 6.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

Tgt Ion:240 Resp: 772330
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 26.2 20.3 30.5

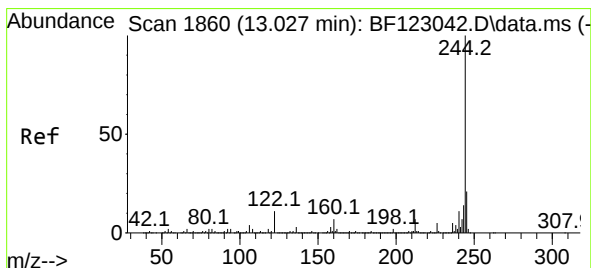
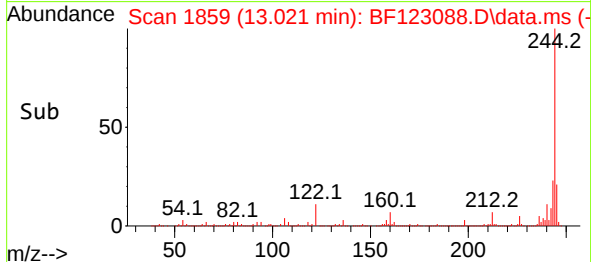
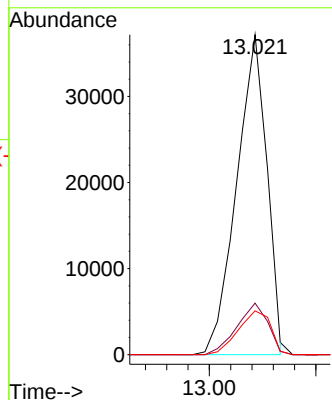
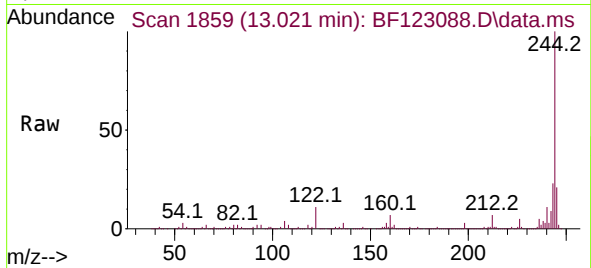




#77
Benzidine
Concen: 2.10 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.253 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

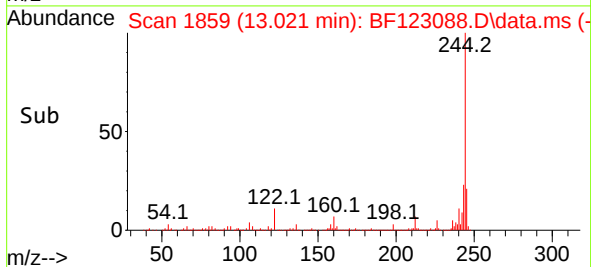
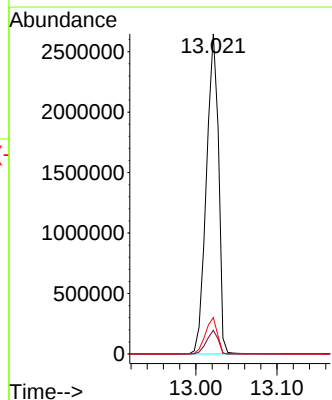
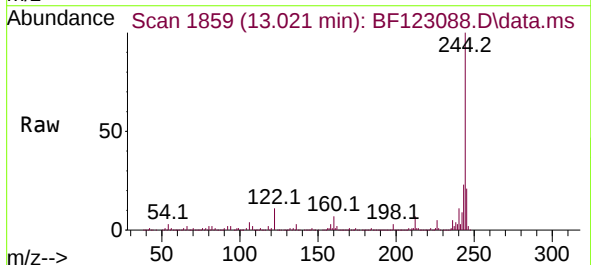
Instrument :
BNA_F
ClientSampleId :
0053-048-COMP-G-ELUTRIATE

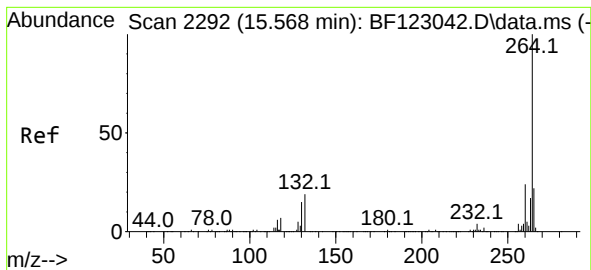
Tgt Ion:184 Resp: 36644
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.6
183 13.7 9.7 14.5



#79
Terphenyl-d14
Concen: 69.68 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123088.D
Acq: 29 Jan 2021 18:16

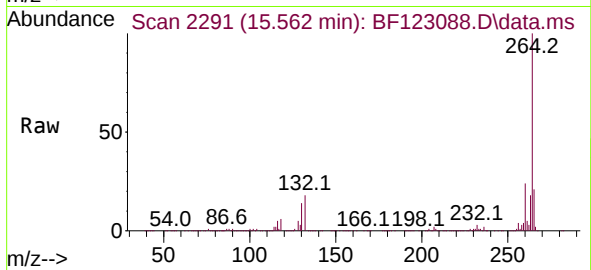
Tgt Ion:244 Resp: 2739261
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.3 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123088.D
 Acq: 29 Jan 2021 18:16

Instrument :
 BNA_F
 ClientSampleId :
 0053-048-COMP-G-ELUTRIATE



Tgt Ion:264 Resp: 610646

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	21.4	17.0	25.6

