

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123124.D
 Acq On : 4 Feb 2021 21:05
 Operator : JU/CG
 Sample : M1263-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0054-051-COMP-H-ELUTRIATE

Quant Time: Feb 04 23:33:18 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)

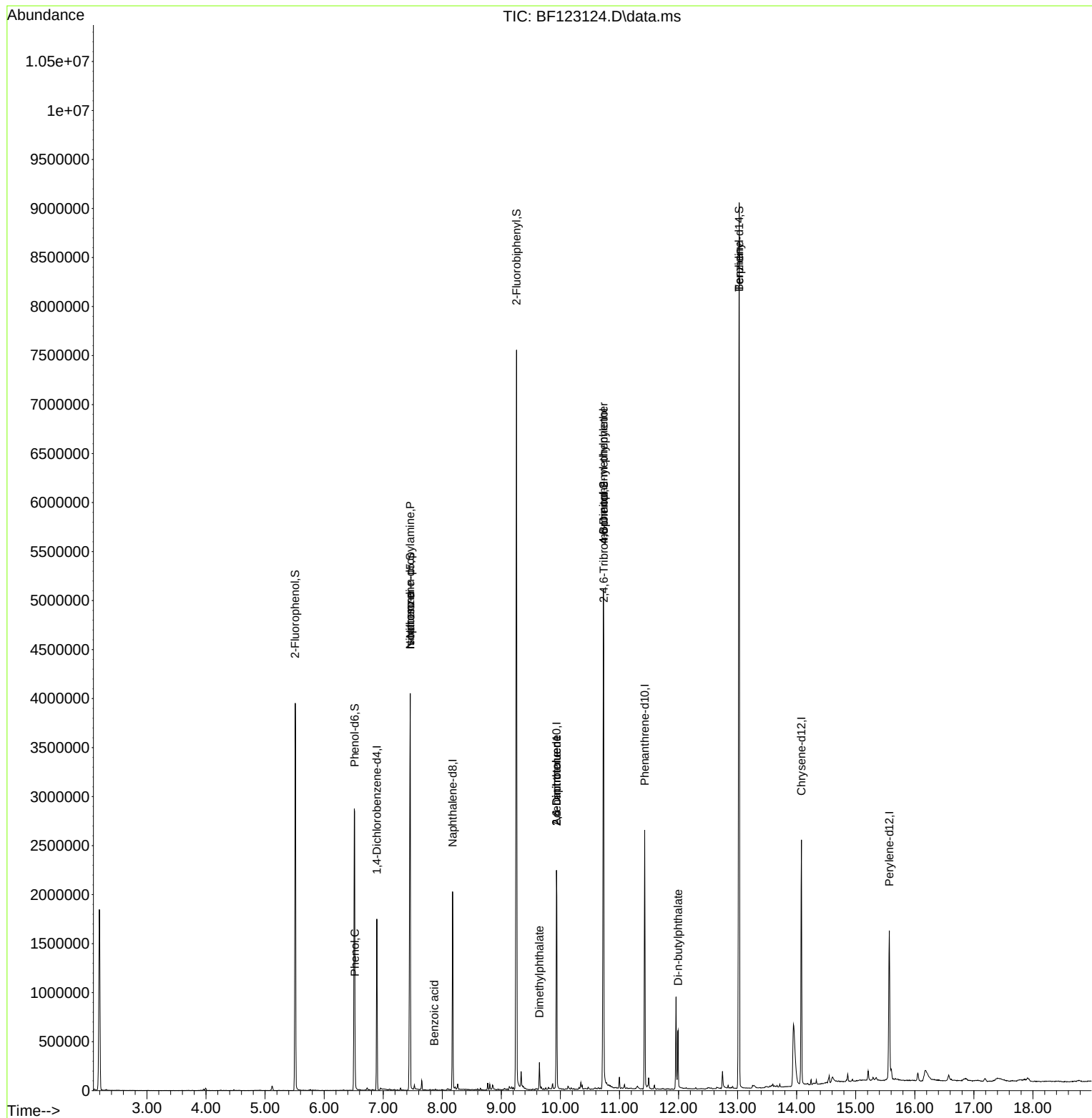
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	232187	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	890632	20.00	ng	# 0.00
39) Acenaphthene-d10	9.934	164	485368	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	925486	20.00	ng	0.00
76) Chrysene-d12	14.080	240	855125	20.00	ng	0.00
86) Perylene-d12	15.568	264	716910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1178215	78.28	ng	0.00
7) Phenol-d6	6.516	99	1093122	53.58	ng	0.00
23) Nitrobenzene-d5	7.457	82	1446161	81.72	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	782849	148.58	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2605118	79.79	ng	0.00
79) Terphenyl-d14	13.027	244	3237096	74.37	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.522	94	62446	3.09	ng	94
19) n-Nitroso-di-n-propyla...	7.457	70	196315	16.00	ng	# 80
25) Isophorone	7.457	82	1443912	44.54	ng	# 65
32) Benzoic acid	7.863	122	140	4.93	ng	# 79
50) Dimethylphthalate	9.645	163	103419	2.72	ng	99
51) 2,6-Dinitrotoluene	9.934	165	62456	7.70	ng	# 31
57) 2,4-Dinitrotoluene	9.934	165	62457	5.92	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1618	5.26	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	51074	4.33	ng	# 1
74) Di-n-butylphthalate	11.992	149	295302	4.87	ng	97
77) Benzidine	13.027	184	43141	2.23	ng	# 93

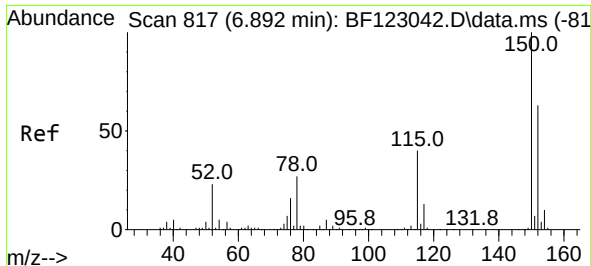
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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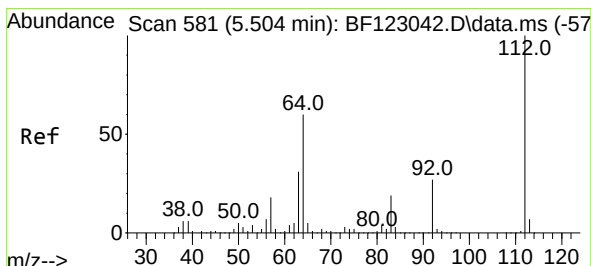
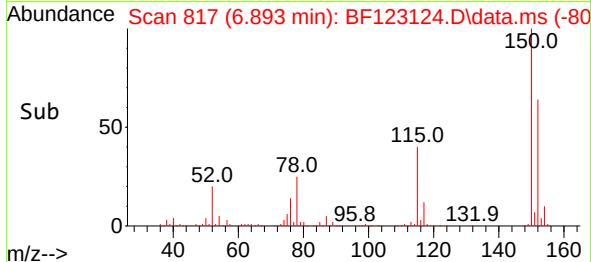
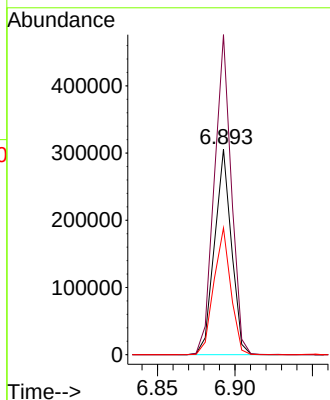
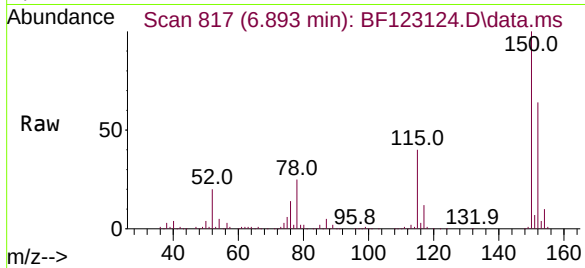




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

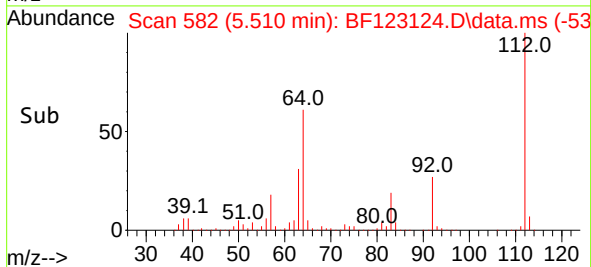
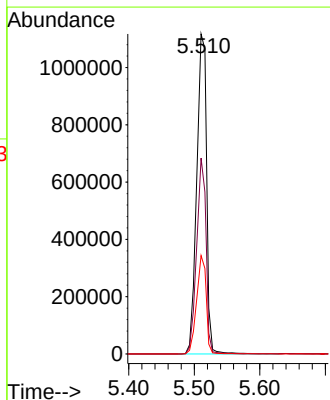
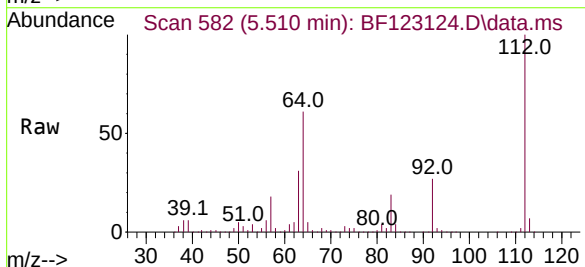
Instrument :
BNA_F
ClientSampleId :
0054-051-COMP-H-ELUTRIATE

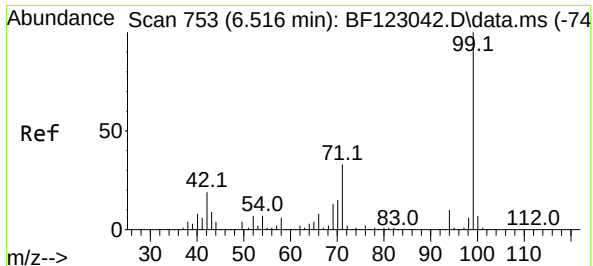
Tgt Ion:152 Resp: 232187
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 61.6 49.3 73.9



#5
2-Fluorophenol
Concen: 78.28 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

Tgt Ion:112 Resp: 1178215
Ion Ratio Lower Upper
112 100
64 61.2 46.9 70.3
63 30.8 24.5 36.7



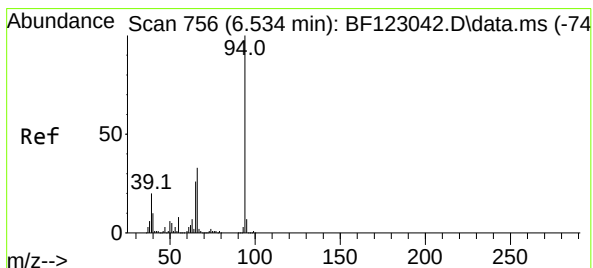
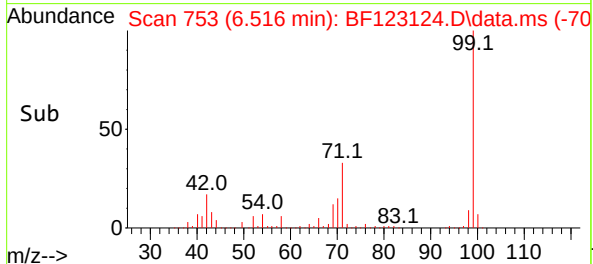
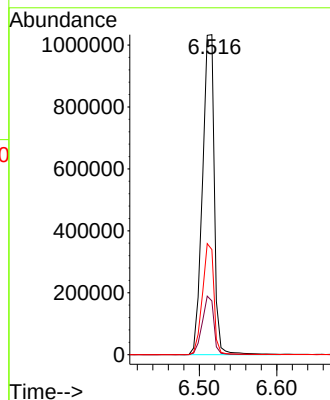
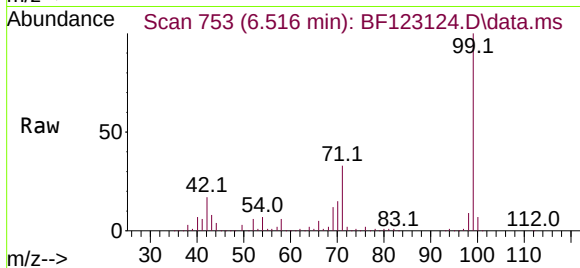


#7
Phenol-d6
Concen: 53.58 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

Instrument :
BNA_F
ClientSampleId :
0054-051-COMP-H-ELUTRIATE

Tgt Ion: 99 Resp: 1093122

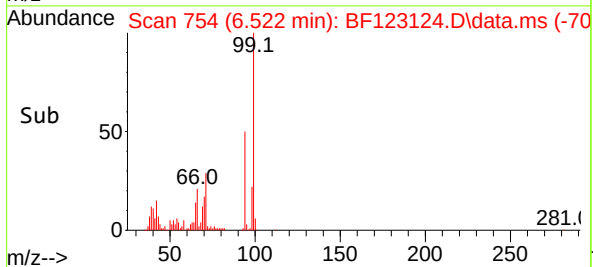
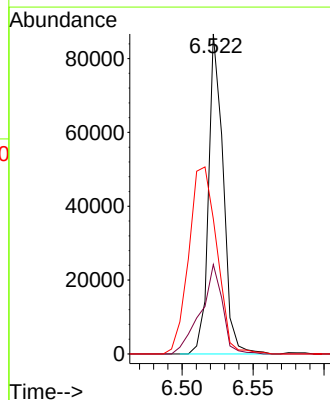
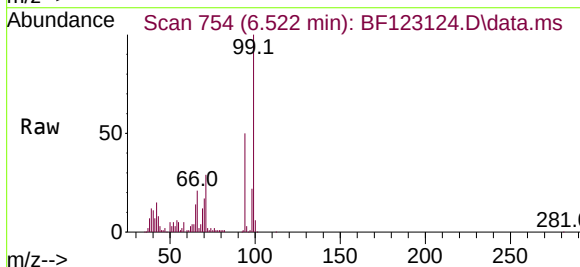
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.6
71	32.8	26.9	40.3

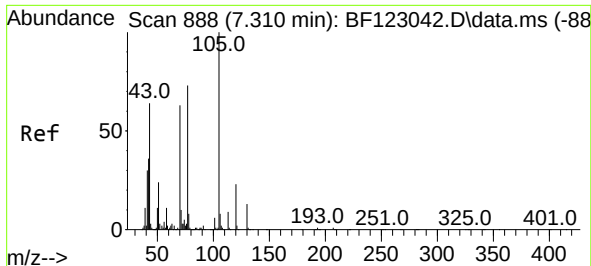


#10
Phenol
Concen: 3.09 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

Tgt Ion: 94 Resp: 62446

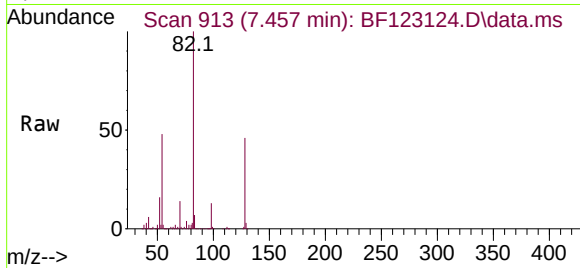
Ion	Ratio	Lower	Upper
94	100		
65	28.0	11.2	51.2
66	42.2	25.8	65.8



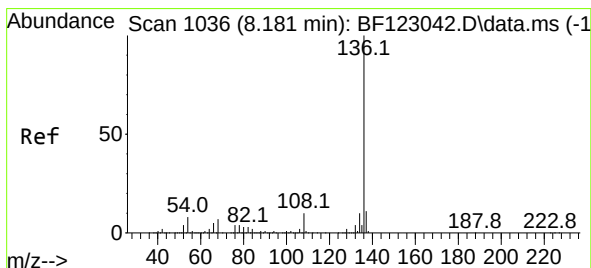
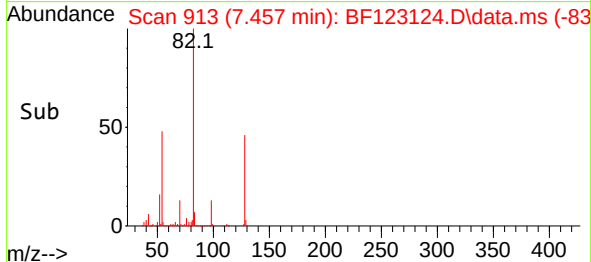
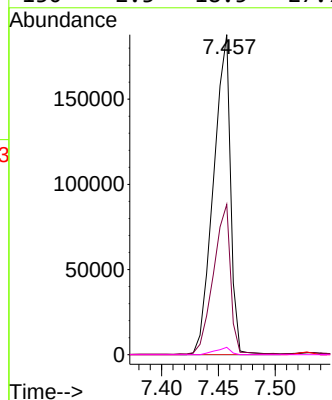


#19
n-Nitroso-di-n-propylamine
Concen: 16.00 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

Instrument :
BNA_F
ClientSampleId :
0054-051-COMP-H-ELUTRIATE

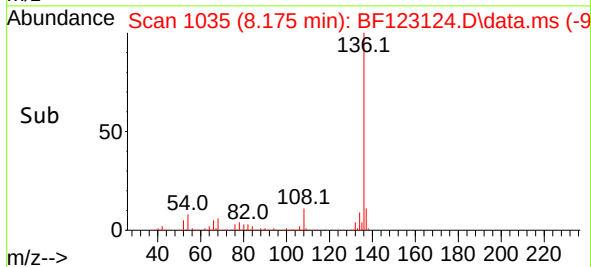
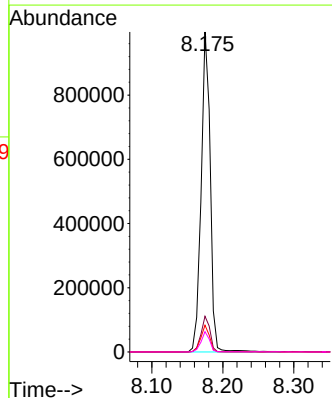
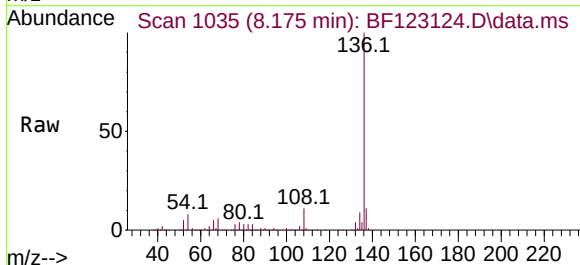


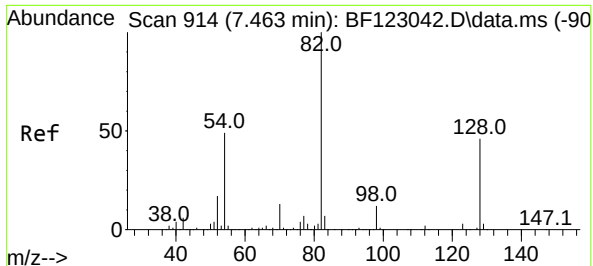
Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.0	43.0	64.4
101	0.0	7.9	11.9#
130	2.3	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	5.5	8.3#
68	6.3	4.6	6.8





#23

Nitrobenzene-d5

Concen: 81.72 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF123124.D

Acq: 4 Feb 2021 21:05

Tgt Ion: 82 Resp: 1446161

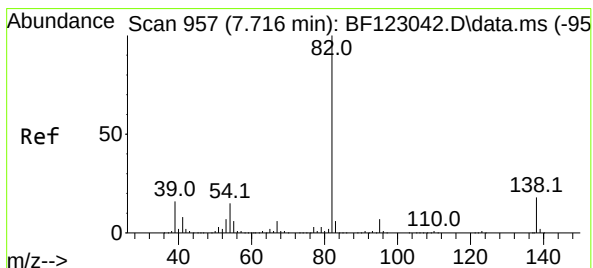
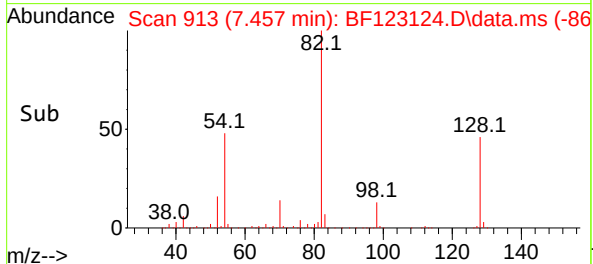
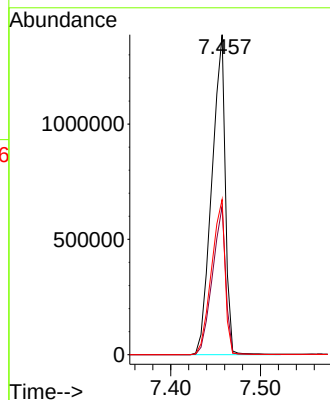
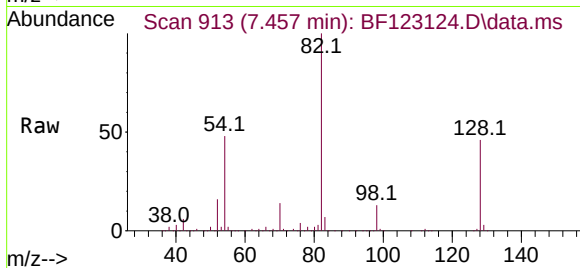
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.4
54	48.5	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

0054-051-COMP-H-ELUTRIATE



#25

Isophorone

Concen: 44.54 ng

RT: 7.457 min Scan# 913

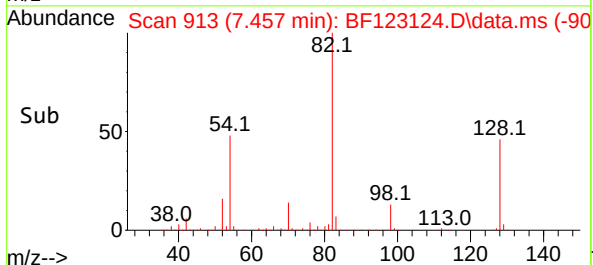
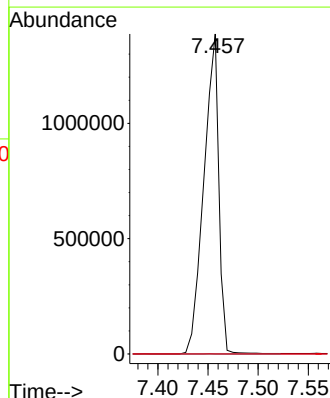
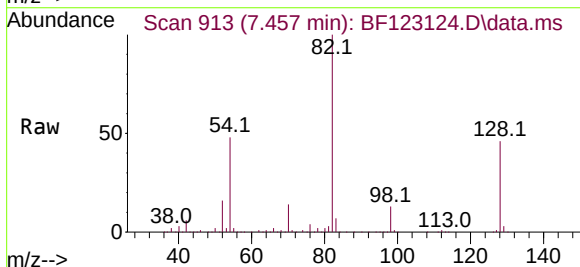
Delta R.T. -0.259 min

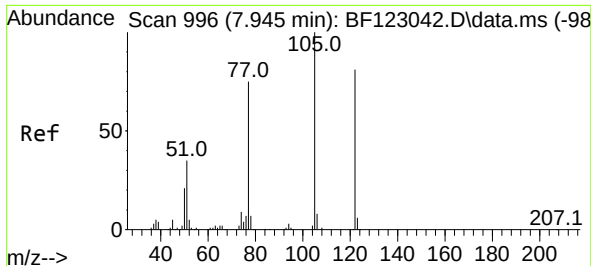
Lab File: BF123124.D

Acq: 4 Feb 2021 21:05

Tgt Ion: 82 Resp: 1443912

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

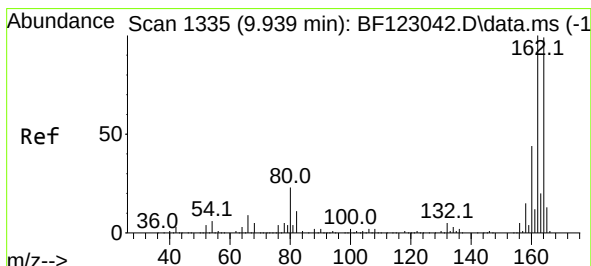
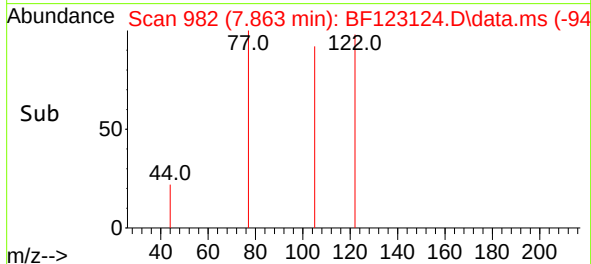
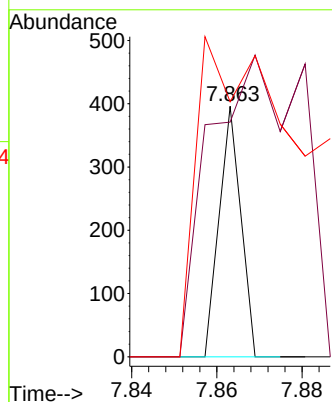
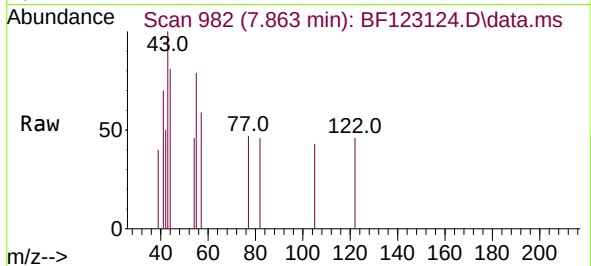




#32
Benzoic acid
Concen: 4.93 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.082 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

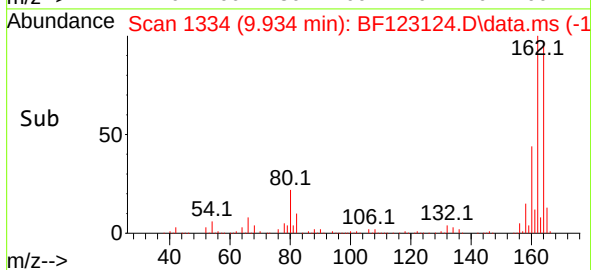
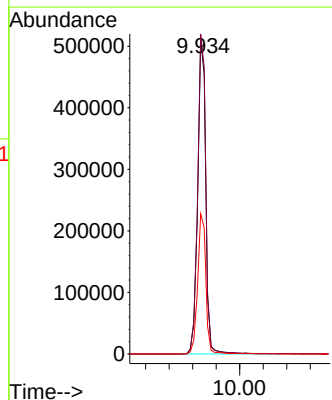
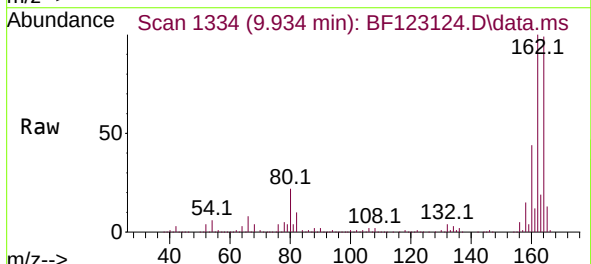
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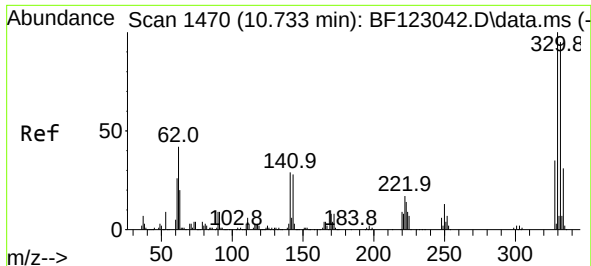
Tgt Ion:122 Resp: 140
Ion Ratio Lower Upper
122 100
105 93.7 104.8 144.8#
77 101.8 71.0 111.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

Tgt Ion:164 Resp: 485368
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 44.4 35.4 53.0

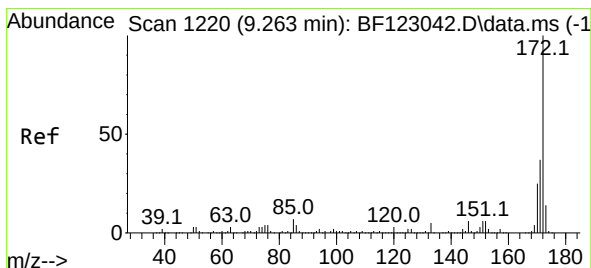
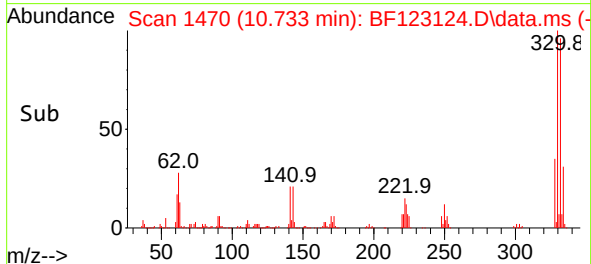
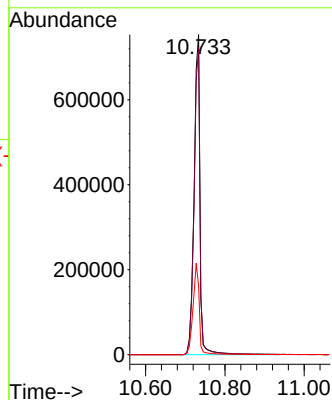
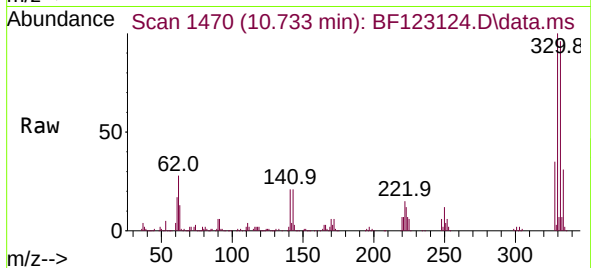




#42
2,4,6-Tribromophenol
Concen: 148.58 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

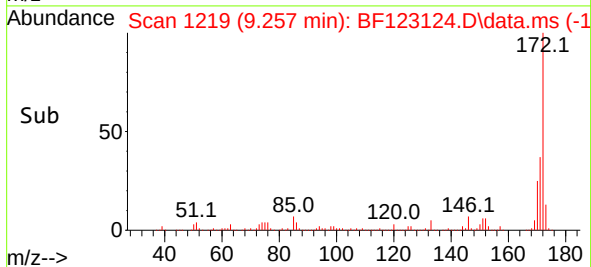
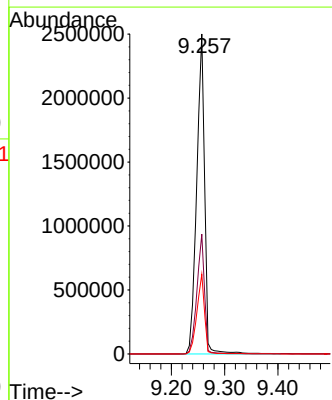
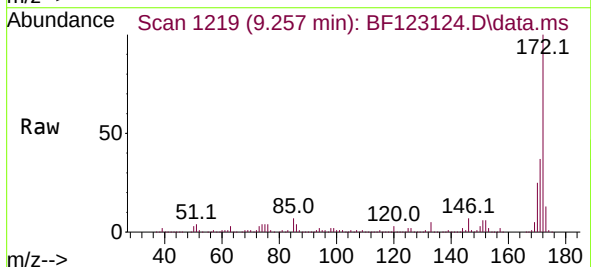
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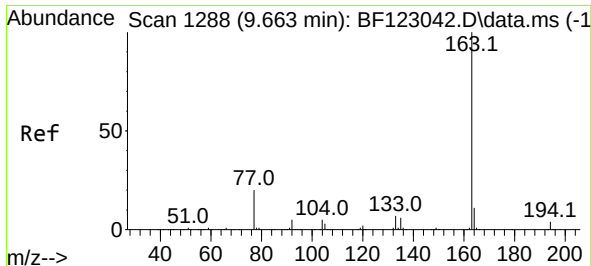
Tgt Ion:330 Resp: 782849
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 29.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 79.79 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

Tgt Ion:172 Resp: 2605118
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 24.9 19.5 29.3

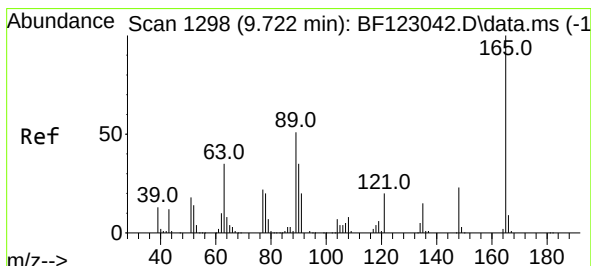
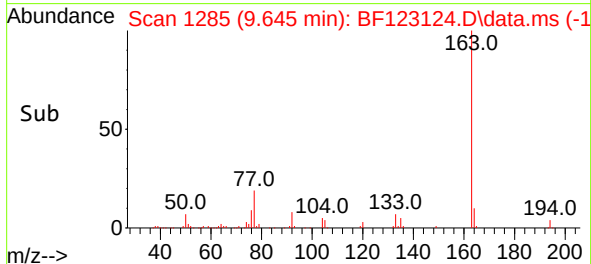
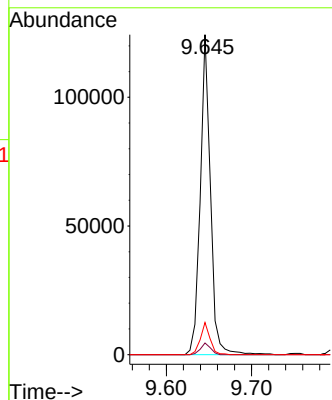
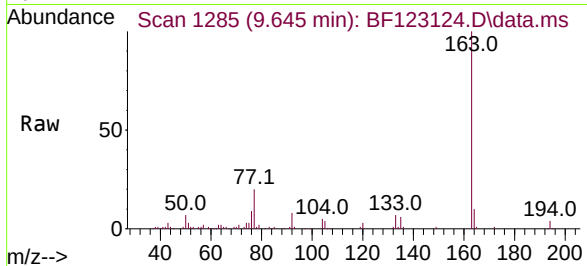




#50
Dimethylphthalate
Concen: 2.72 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

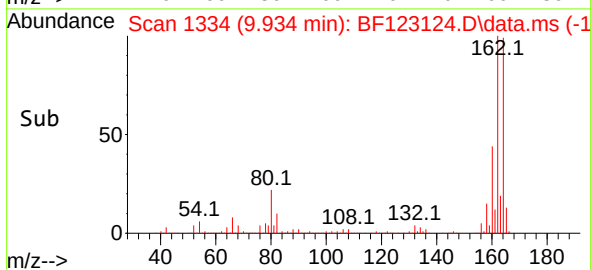
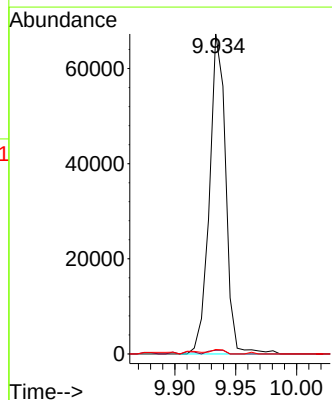
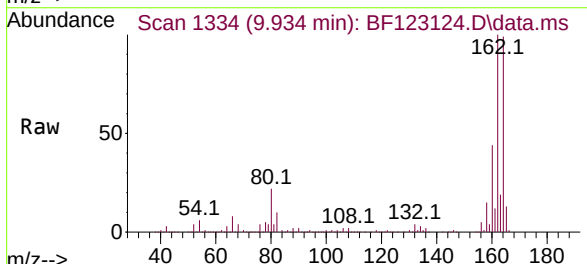
Instrument :
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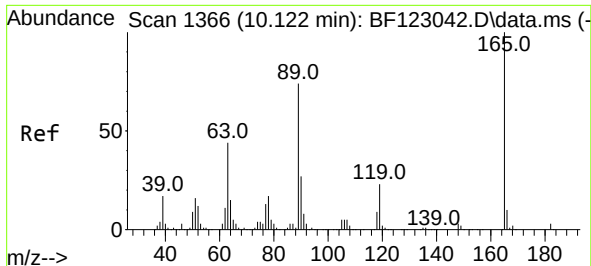
Tgt Ion:163 Resp: 103419
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.1 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

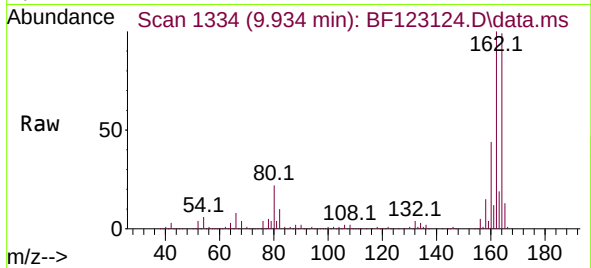
Tgt Ion:165 Resp: 62456
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.4 39.4 59.0#



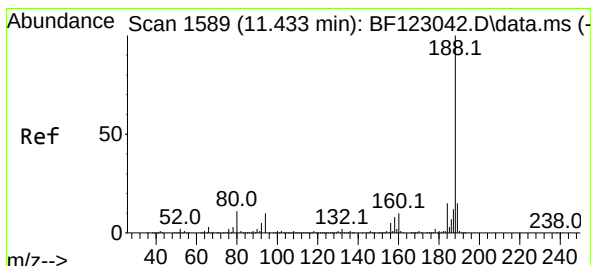
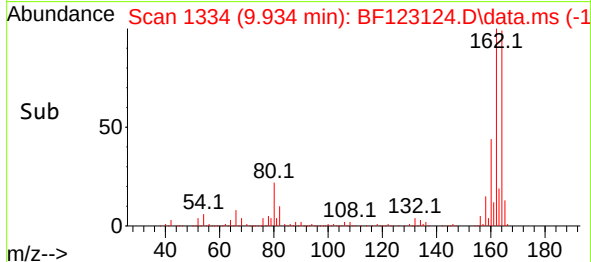
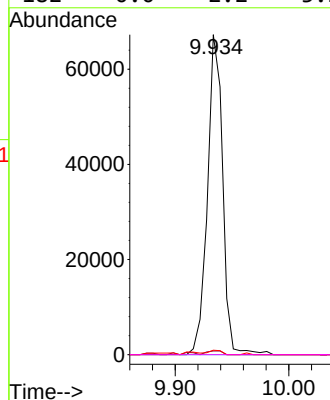


#57
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

Instrument :
BNA_F
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0054-051-COMP-H-ELUTRIATE

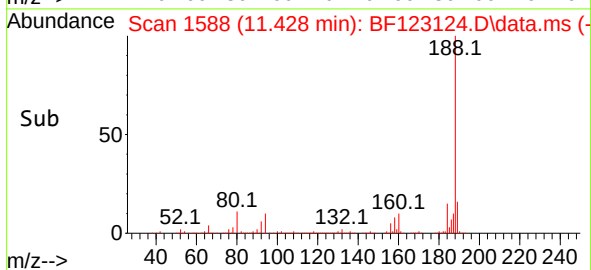
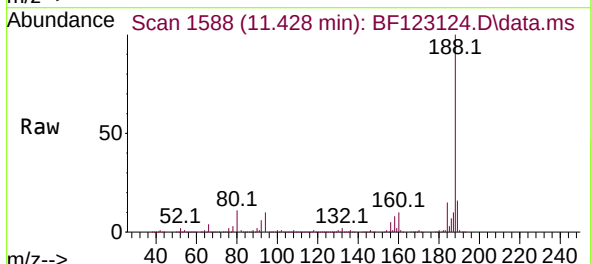
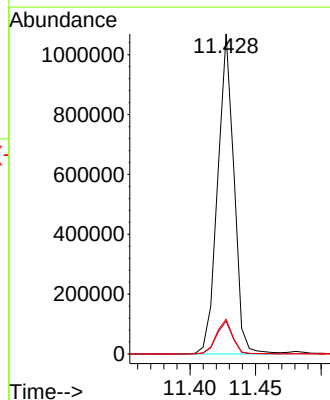


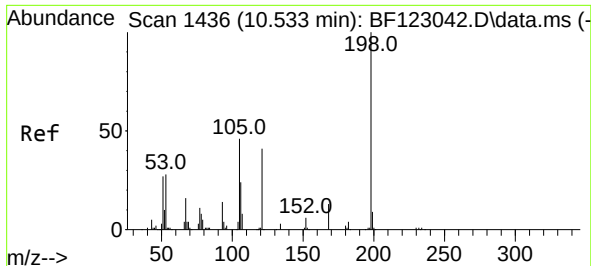
Tgt Ion:165 Resp: 62457
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

Tgt Ion:188 Resp: 925486
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 10.9 8.2 12.4

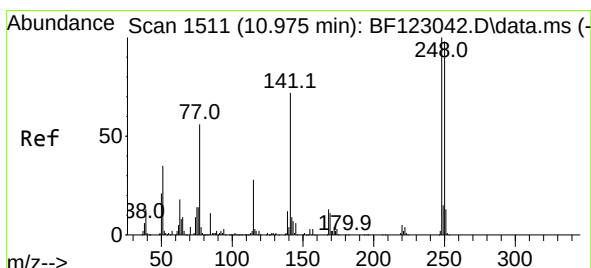
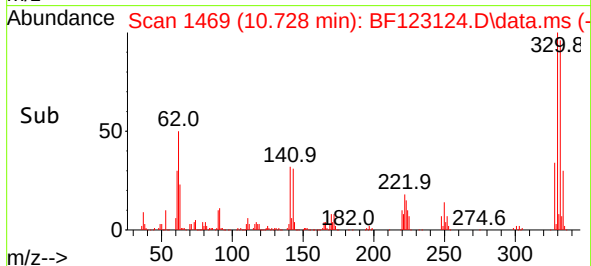
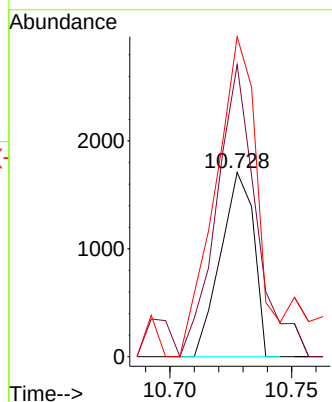
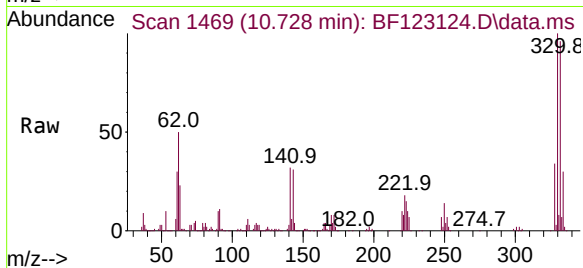




#65
4,6-Dinitro-2-methylphenol
Concen: 5.26 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

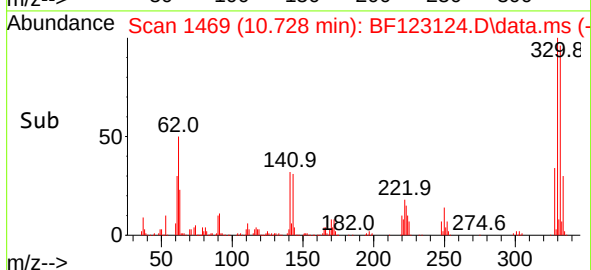
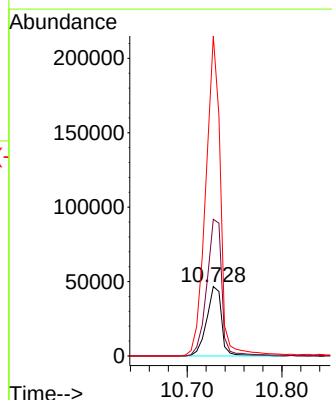
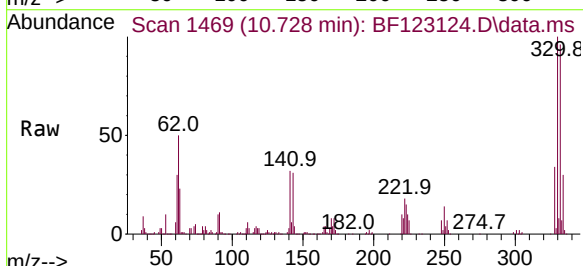
Instrument :
BNA_F
ClientSampleId :
0054-051-COMP-H-ELUTRIATE

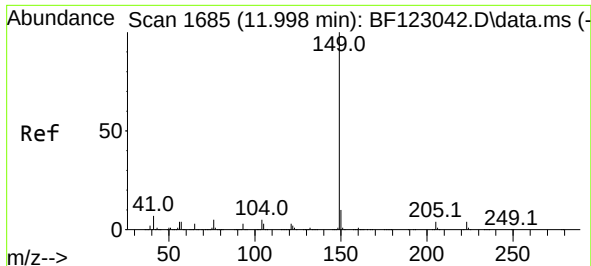
Tgt Ion:198 Resp: 1618
Ion Ratio Lower Upper
198 100
51 158.5 20.3 60.3#
105 173.7 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

Tgt Ion:248 Resp: 51074
Ion Ratio Lower Upper
248 100
250 196.5 76.8 115.2#
141 460.5 59.8 89.8#

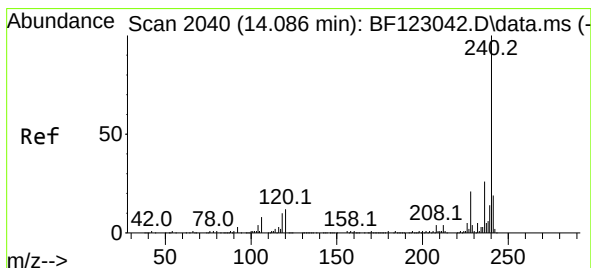
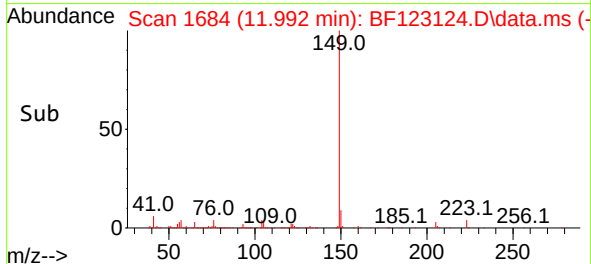
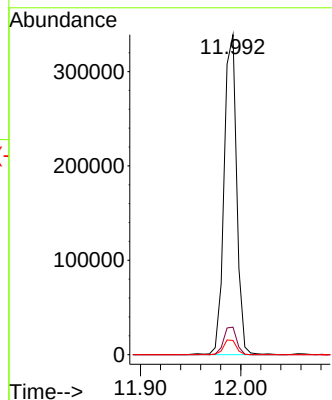
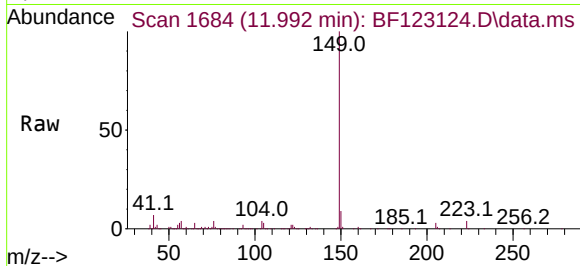




#74
Di-n-butylphthalate
Concen: 4.87 ng
RT: 11.992 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

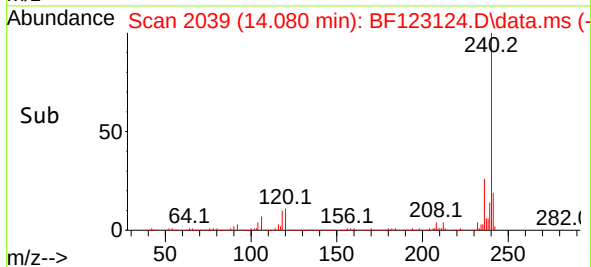
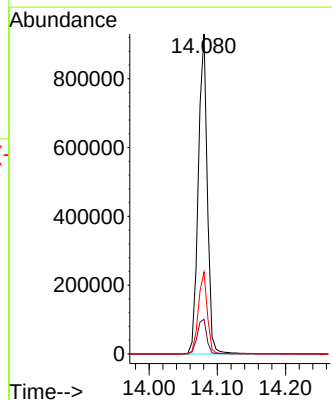
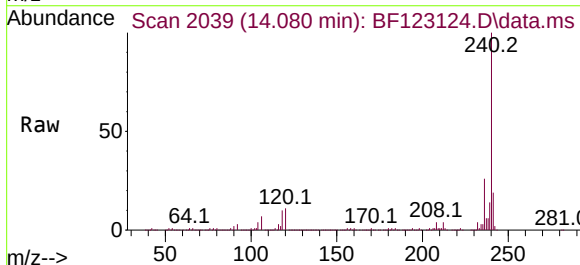
Instrument :
BNA_F
ClientSampleId :
0054-051-COMP-H-ELUTRIATE

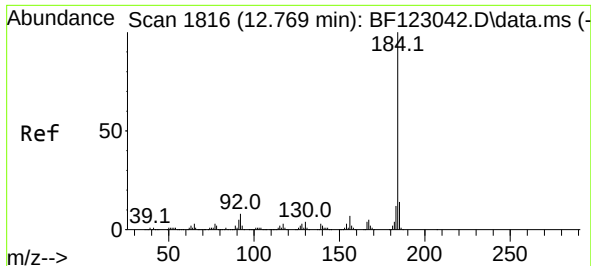
Tgt Ion:149 Resp: 295302
Ion Ratio Lower Upper
149 100
150 8.6 7.8 11.6
104 4.4 4.2 6.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

Tgt Ion:240 Resp: 855125
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.6 20.3 30.5

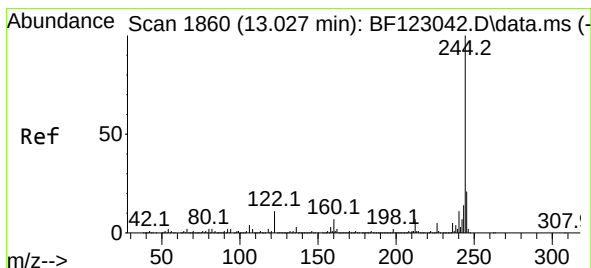
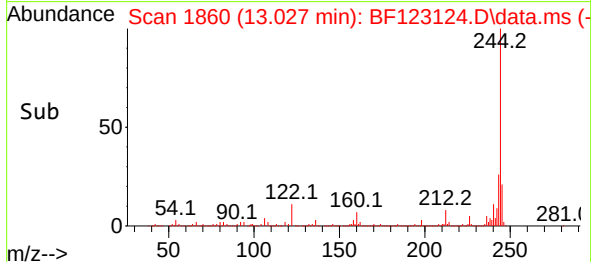
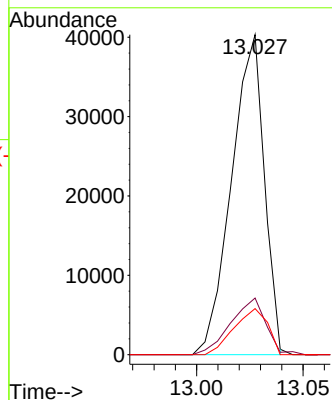
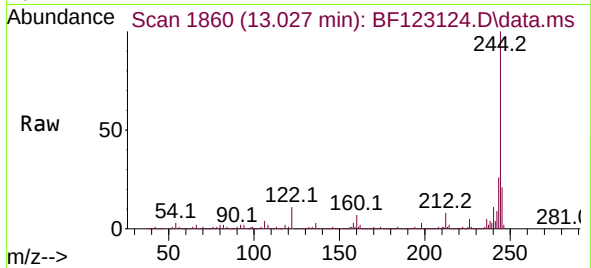




#77
Benzidine
Concen: 2.23 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

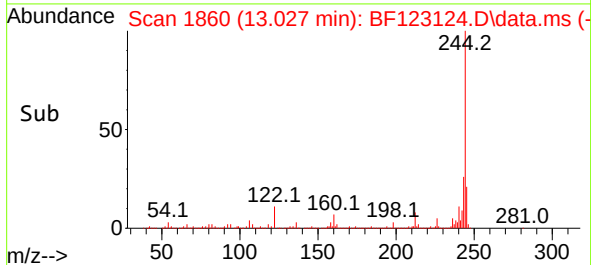
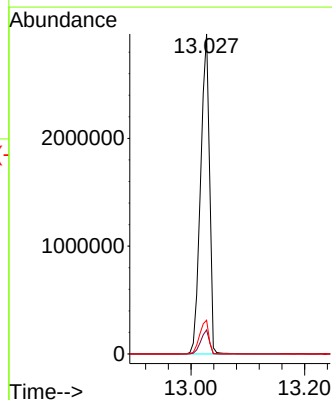
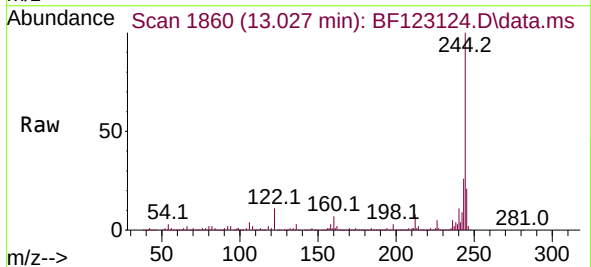
Instrument :
BNA_F
ClientSampleId :
0054-051-COMP-H-ELUTRIATE

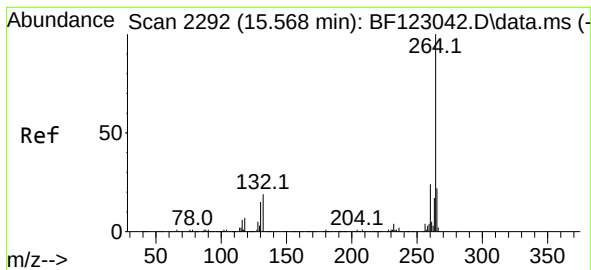
Tgt Ion:184 Resp: 43141
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.6#
183 14.4 9.7 14.5



#79
Terphenyl-d14
Concen: 74.37 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123124.D
Acq: 4 Feb 2021 21:05

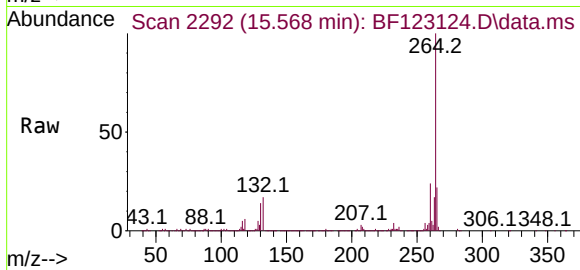
Tgt Ion:244 Resp: 3237096
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF123124.D
 Acq: 4 Feb 2021 21:05

Instrument :
 BNA_F
 ClientSampleId :
 0054-051-COMP-H-ELUTRIATE



Tgt Ion:264 Resp: 716910
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 22.0 17.0 25.6

