

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
 Data File : BF123137.D
 Acq On : 5 Feb 2021 16:06
 Operator : JU/CG
 Sample : M1317-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-B

Quant Time: Feb 05 16:37:05 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)

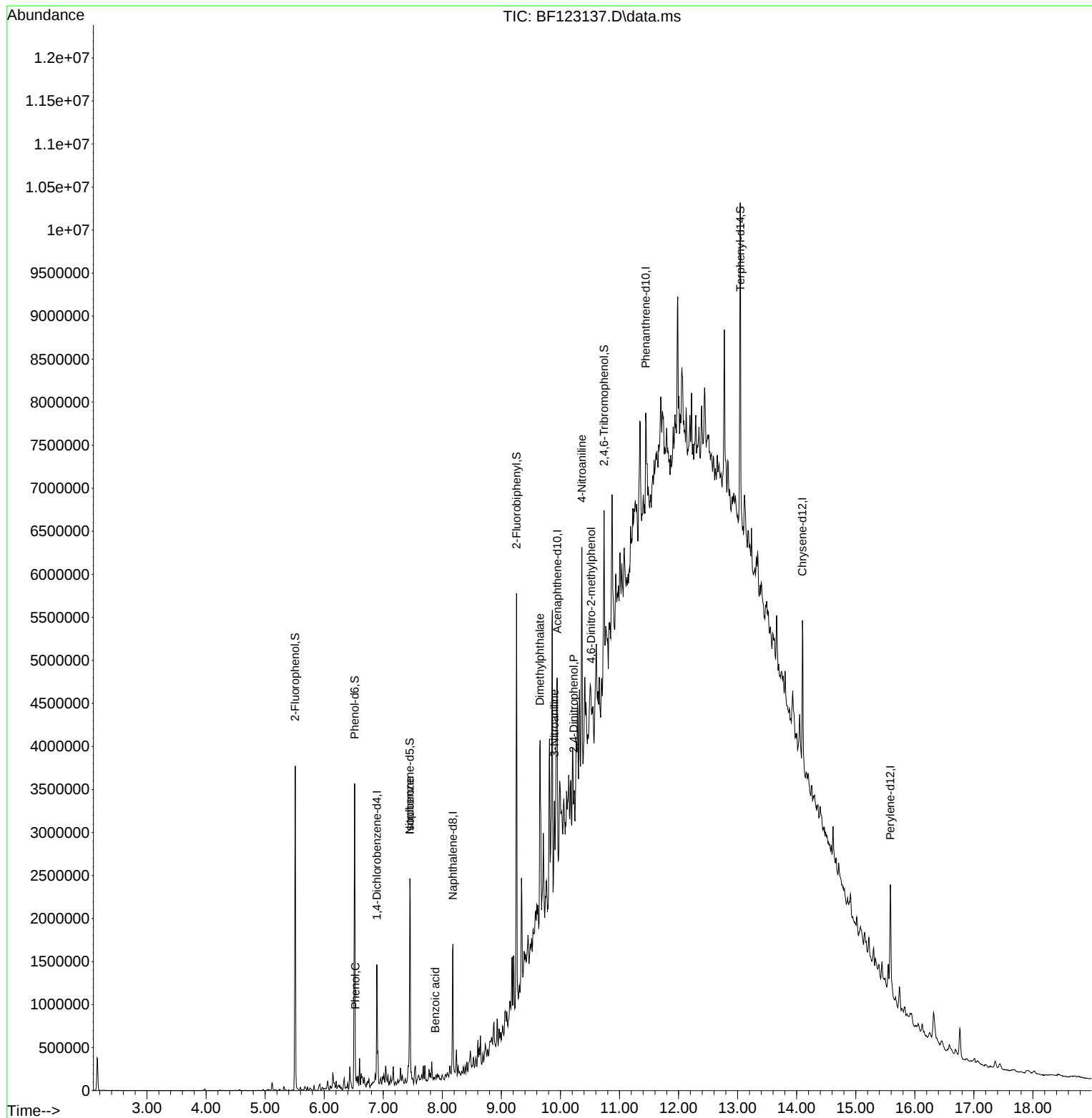
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	182035	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	688261	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	341926	20.00	ng	0.00
64) Phenanthrene-d10	11.445	188	577849	20.00	ng	# 0.01
76) Chrysene-d12	14.098	240	649193	20.00	ng	0.01
86) Perylene-d12	15.586	264	621513	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1050403	89.01	ng	0.00
7) Phenol-d6	6.516	99	1301859	81.39	ng	0.00
23) Nitrobenzene-d5	7.451	82	817607	59.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	360717	97.18	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1468459	63.84	ng	0.00
79) Terphenyl-d14	13.045	244	1676582	50.74	ng	0.02
Target Compounds						
						Qvalue
10) Phenol	6.528	94	39136	2.47	ng	93
25) Isophorone	7.451	82	802510	32.04	ng	# 65
32) Benzoic acid	7.880	122	14102	6.41	ng	89
50) Dimethylphthalate	9.651	163	60533	2.26	ng	# 9
53) 3-Nitroaniline	9.898	138	26775	3.96	ng	# 19
54) 2,4-Dinitrophenol	10.227	184	10337	10.46	ng	90
62) 4-Nitroaniline	10.363	138	26640	3.92	ng	78
65) 4,6-Dinitro-2-methylph...	10.521	198	4889	6.35	ng	# 1

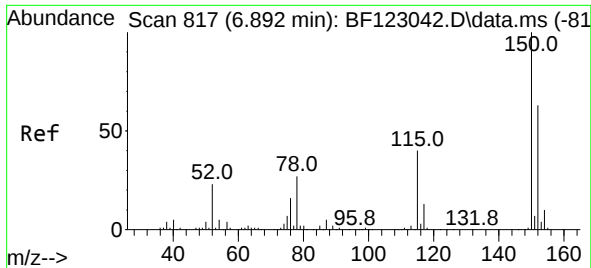
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
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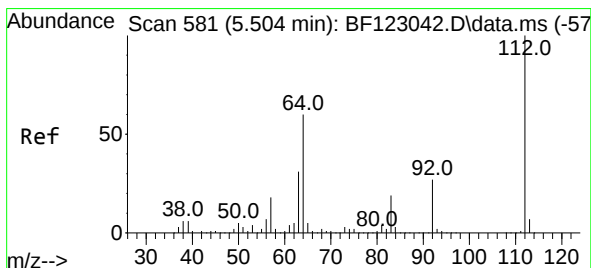
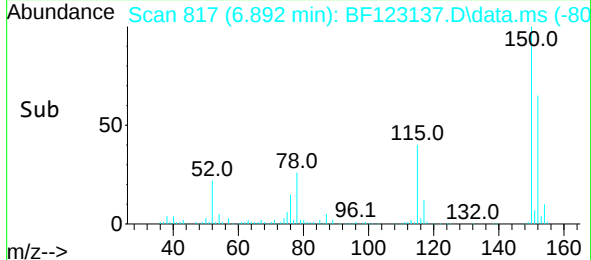
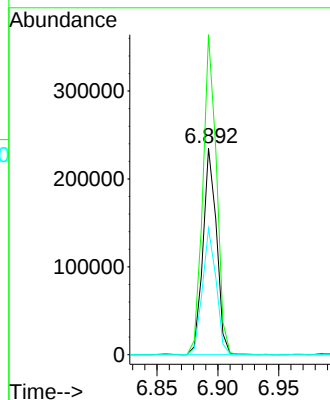
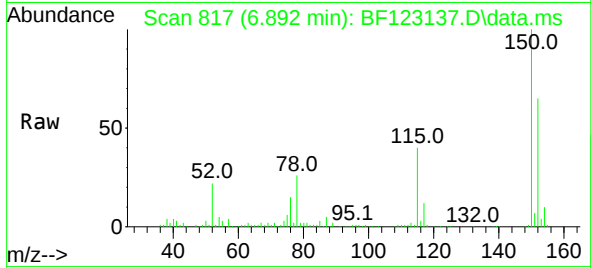




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

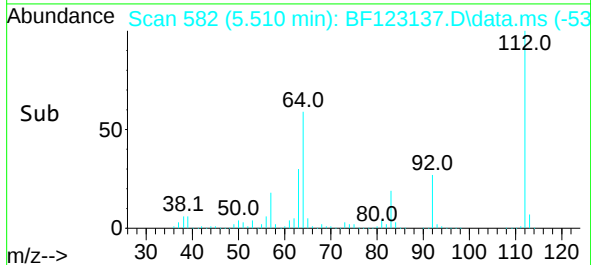
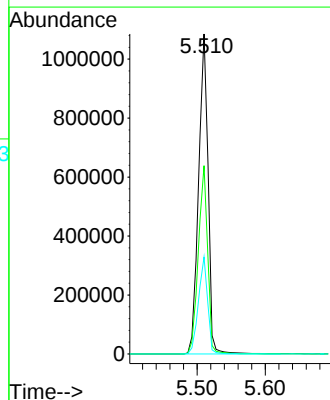
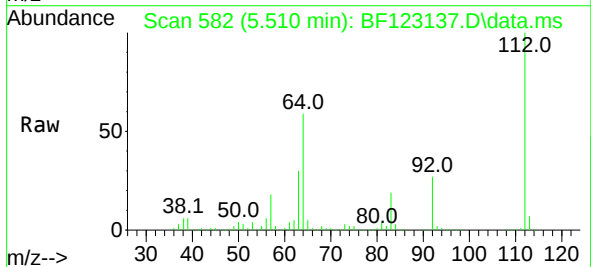
Instrument :
BNA_F
ClientSampled :
R-B

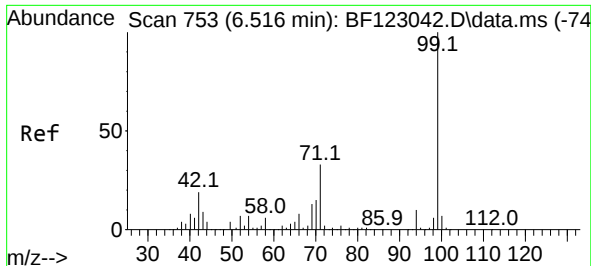
Tgt Ion:152 Resp: 182035
Ion Ratio Lower Upper
152 100
150 154.9 125.8 188.6
115 61.2 49.3 73.9



#5
2-Fluorophenol
Concen: 89.01 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

Tgt Ion:112 Resp: 1050403
Ion Ratio Lower Upper
112 100
64 58.8 46.9 70.3
63 30.3 24.5 36.7



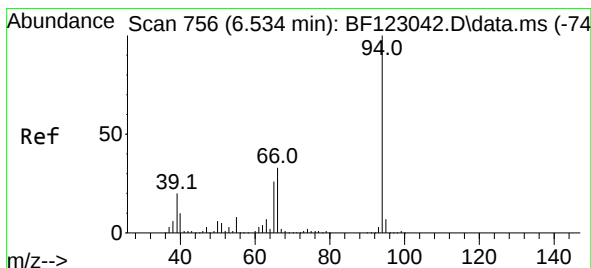
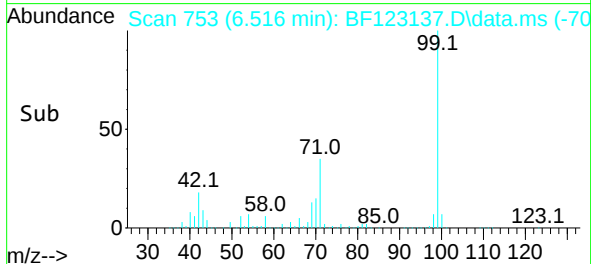
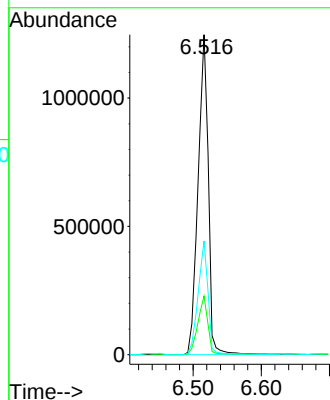
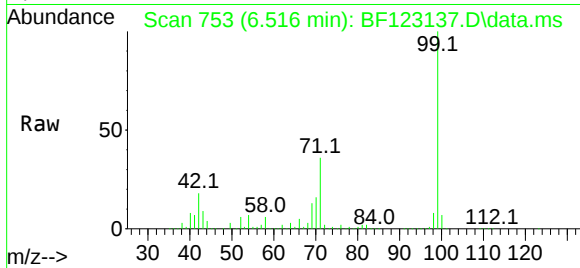


#7
Phenol-d6
Concen: 81.39 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

Instrument :
BNA_F
ClientSampleId :
R-B

Tgt Ion: 99 Resp: 1301859

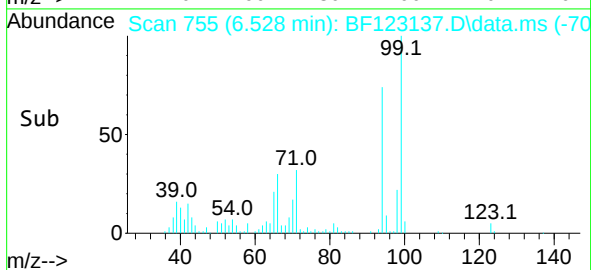
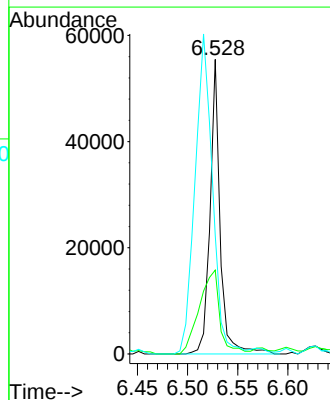
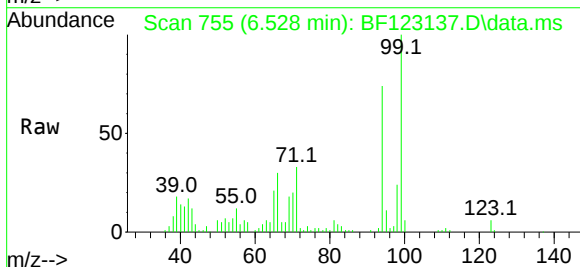
Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.8	20.6
71	35.6	26.9	40.3

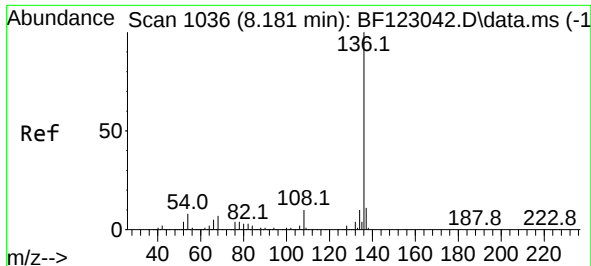


#10
Phenol
Concen: 2.47 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

Tgt Ion: 94 Resp: 39136

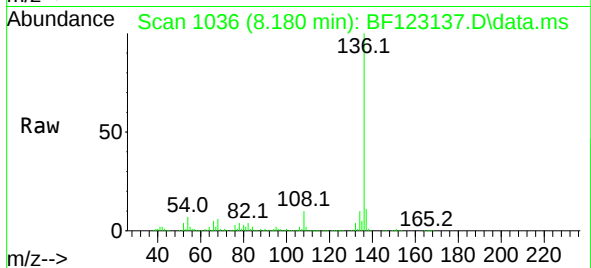
Ion	Ratio	Lower	Upper
94	100		
65	28.4	11.2	51.2
66	40.3	25.8	65.8



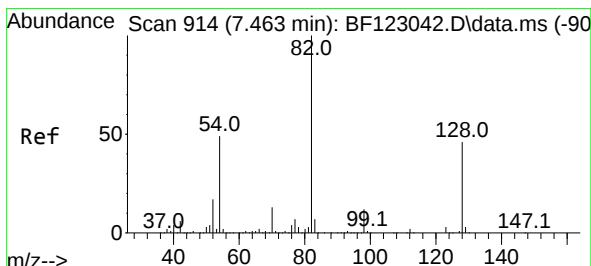
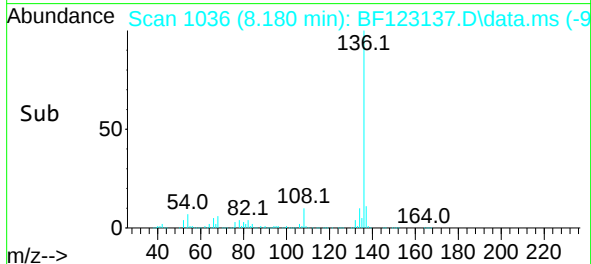
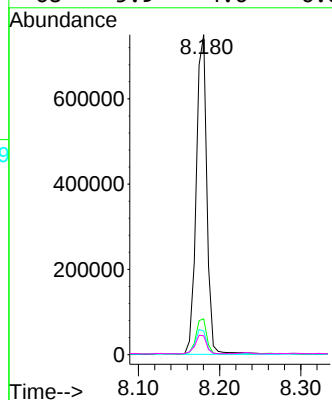


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.001 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

Instrument :
BNA_F
ClientSampled :
R-B

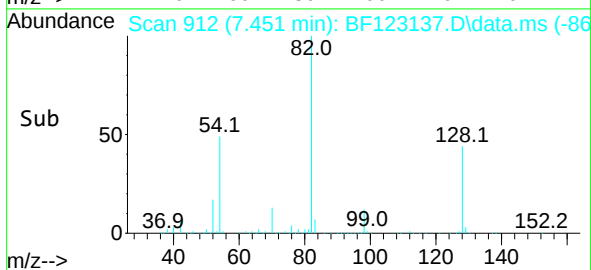
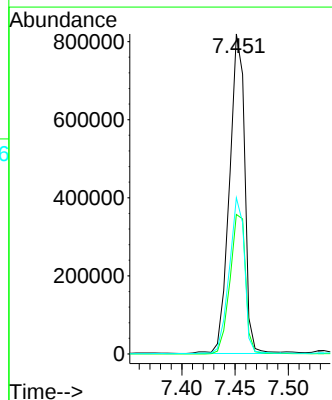
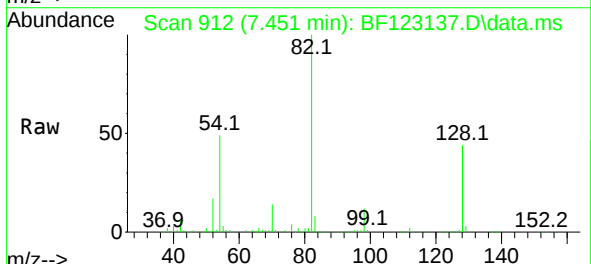


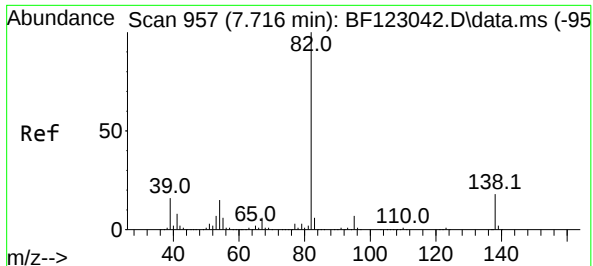
Tgt Ion:136 Resp: 688261
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.4 5.5 8.3
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 59.78 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

Tgt Ion: 82 Resp: 817607
Ion Ratio Lower Upper
82 100
128 43.6 37.0 55.4
54 48.8 38.4 57.6

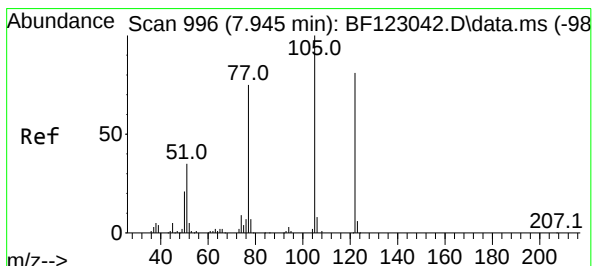
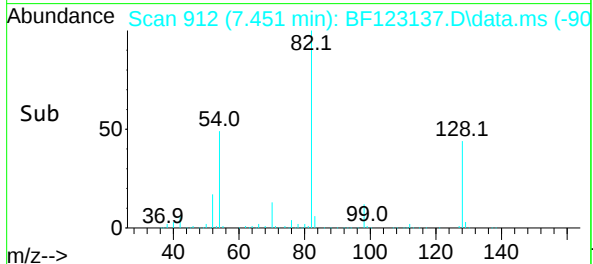
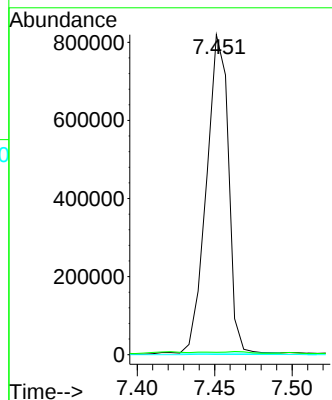
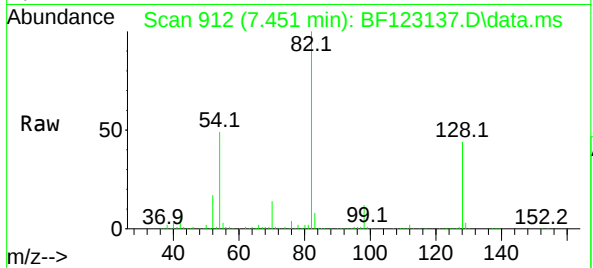




#25
Isophorone
Concen: 32.04 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

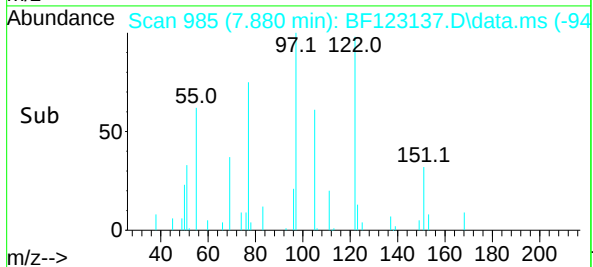
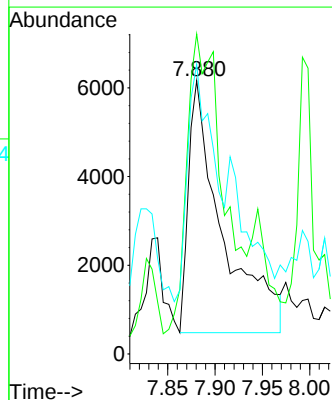
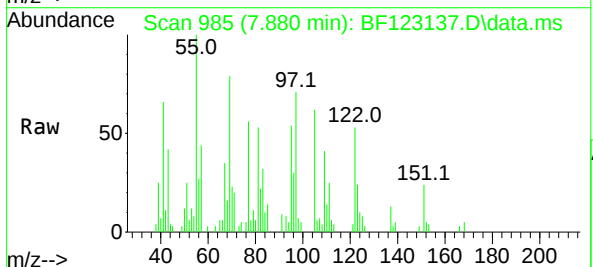
Instrument :
BNA_F
ClientSampleId :
R-B

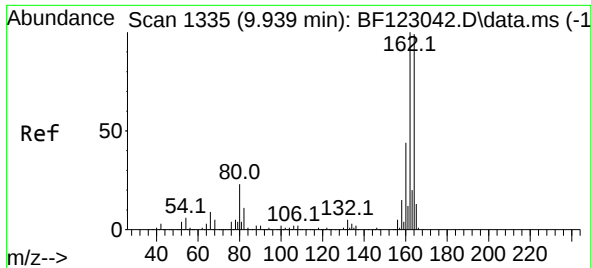
Tgt Ion: 82 Resp: 802510
Ion Ratio Lower Upper
82 100
95 0.7 5.8 8.6#
138 0.1 14.6 21.8#



#32
Benzoic acid
Concen: 6.41 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.065 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

Tgt Ion:122 Resp: 14102
Ion Ratio Lower Upper
122 100
105 117.1 104.8 144.8
77 106.0 71.0 111.0

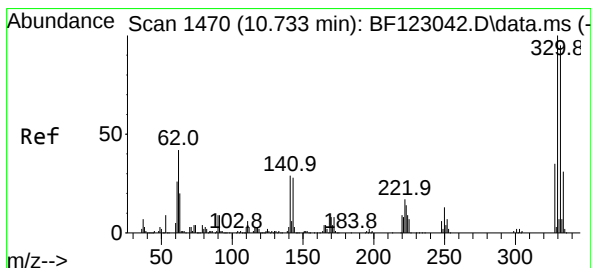
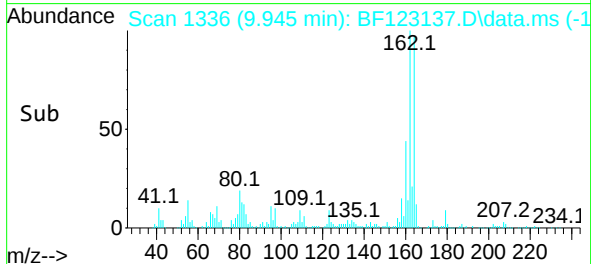
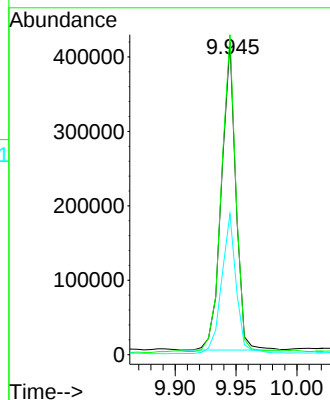
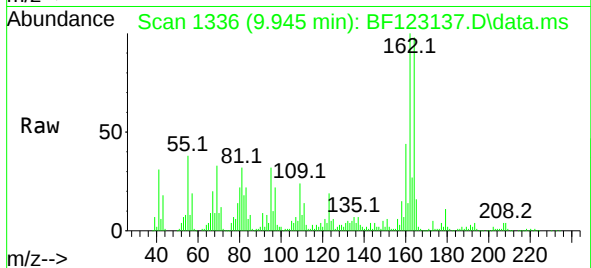




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

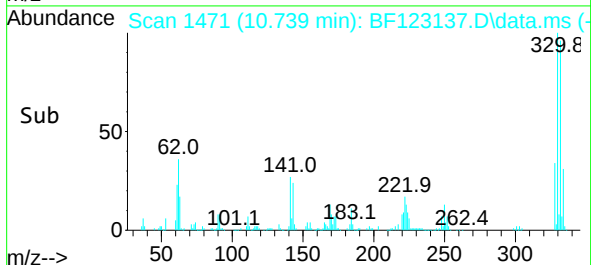
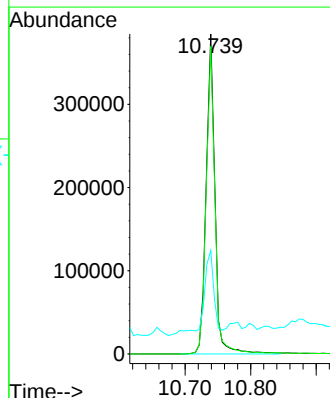
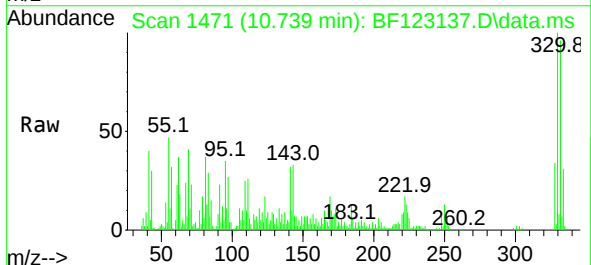
Instrument :
BNA_F
ClientSampleId :
R-B

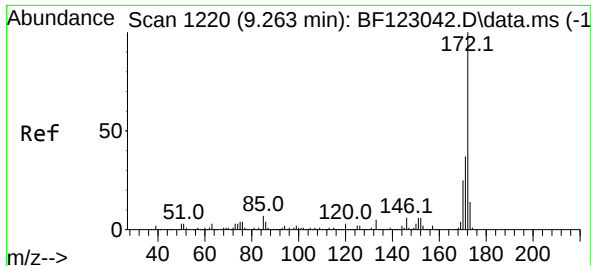
Tgt Ion:164 Resp: 341926
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 45.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 97.18 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

Tgt Ion:330 Resp: 360717
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 31.3 23.8 35.8

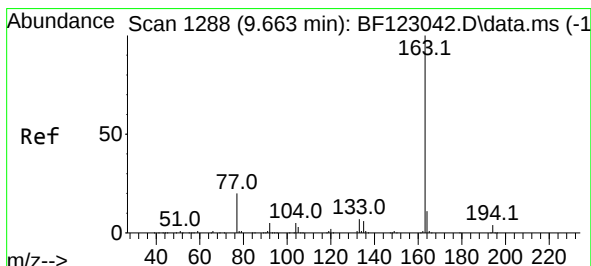
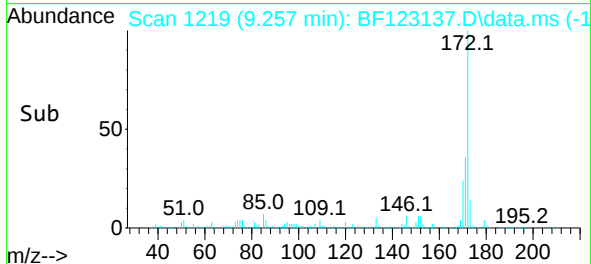
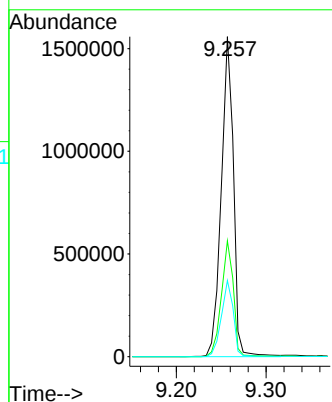
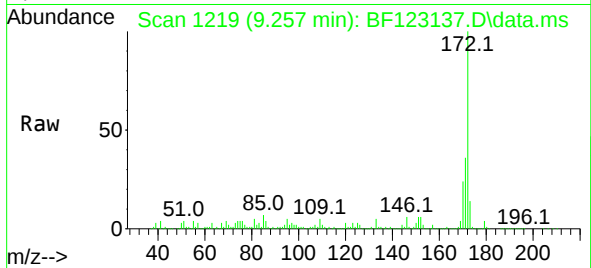




#45
2-Fluorobiphenyl
Concen: 63.84 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

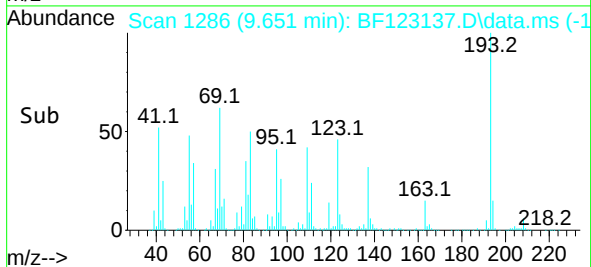
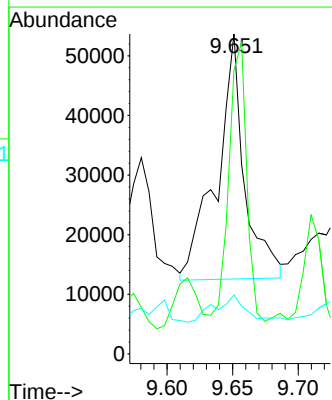
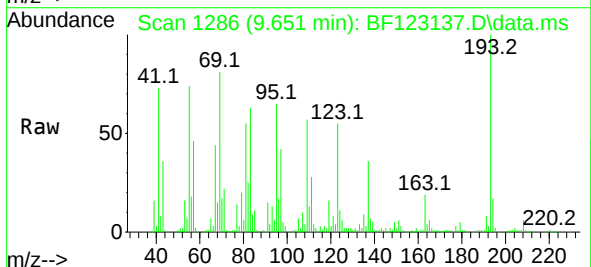
Instrument :
BNA_F
ClientSampled :
R-B

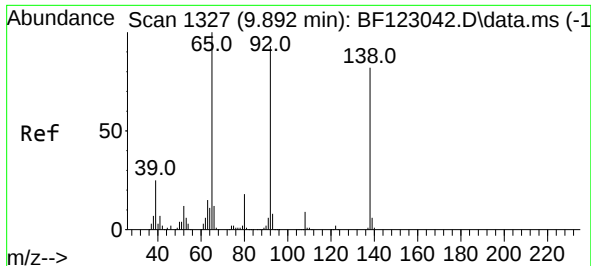
Tgt Ion:172 Resp: 1468459
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 2.26 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

Tgt Ion:163 Resp: 60533
Ion Ratio Lower Upper
163 100
194 88.6 3.4 5.0#
164 18.5 8.1 12.1#

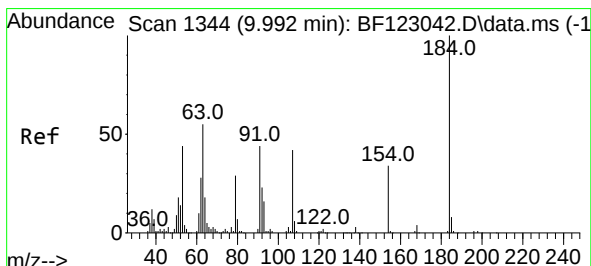
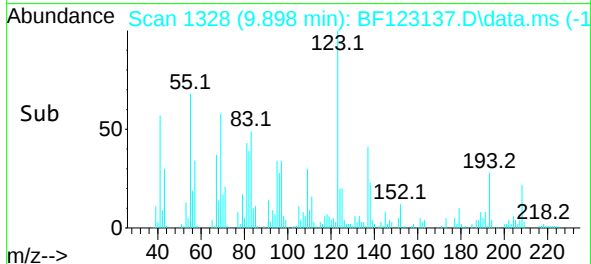
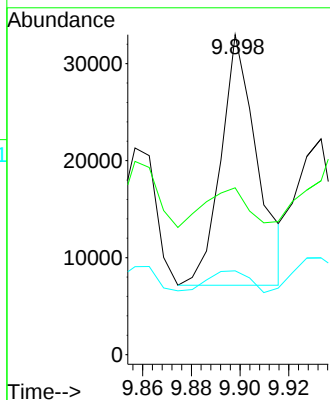
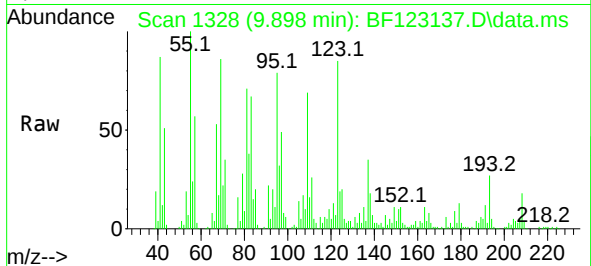




#53
3-Nitroaniline
Concen: 3.96 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

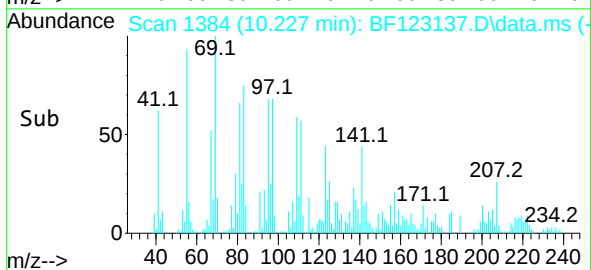
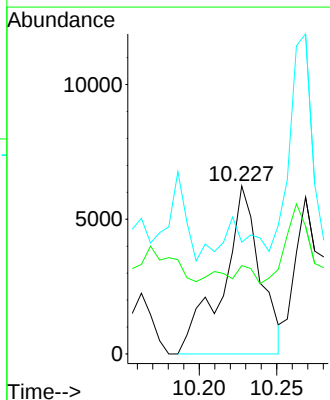
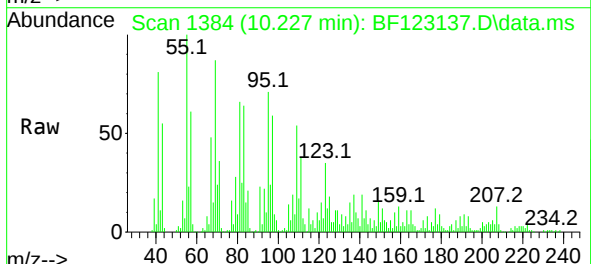
Instrument :
BNA_F
ClientSampleId :
R-B

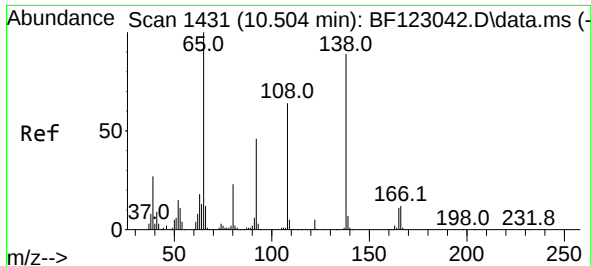
Tgt Ion:138 Resp: 26775
Ion Ratio Lower Upper
138 100
108 52.1 8.2 12.2#
92 26.2 85.4 128.2#



#54
2,4-Dinitrophenol
Concen: 10.46 ng
RT: 10.227 min Scan# 1384
Delta R.T. 0.235 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

Tgt Ion:184 Resp: 10337
Ion Ratio Lower Upper
184 100
63 52.6 51.4 77.2
154 66.6 49.7 74.5

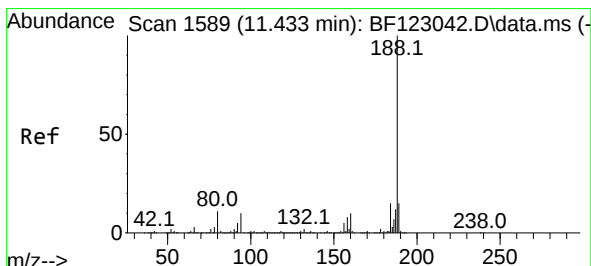
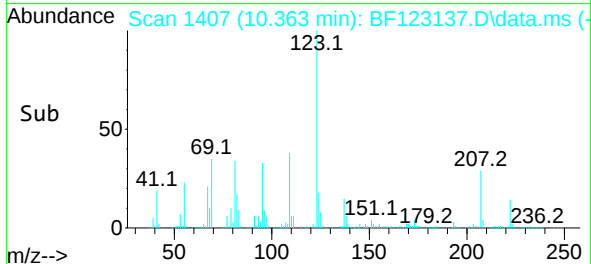
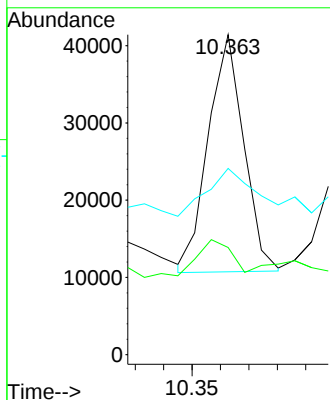
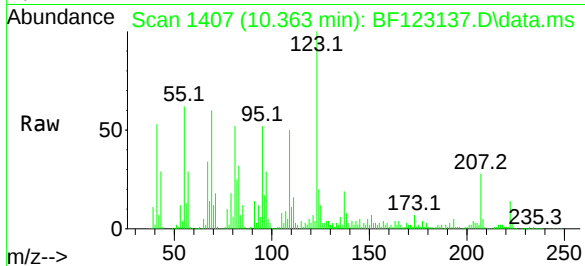




#62
4-Nitroaniline
Concen: 3.92 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.141 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

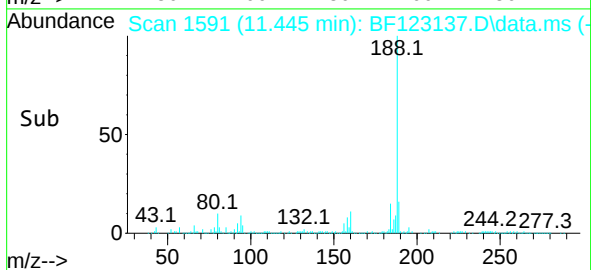
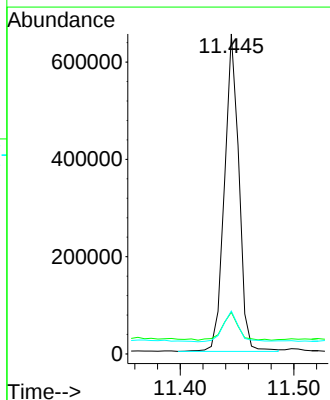
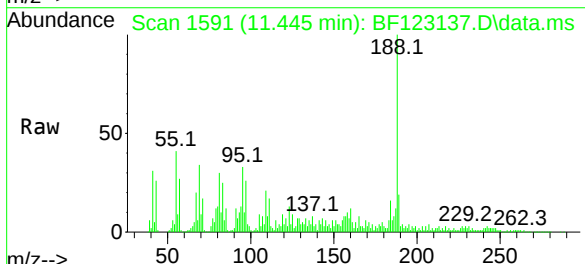
Instrument :
BNA_F
ClientSampleId :
R-B

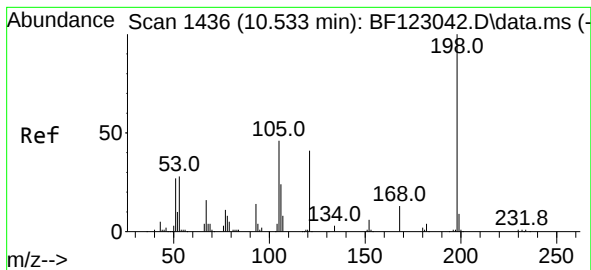
Tgt Ion:138 Resp: 26640
Ion Ratio Lower Upper
138 100
92 33.5 31.0 71.0
108 58.2 54.8 94.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.012 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

Tgt Ion:188 Resp: 577849
Ion Ratio Lower Upper
188 100
94 13.1 7.4 11.2#
80 13.4 8.2 12.4#

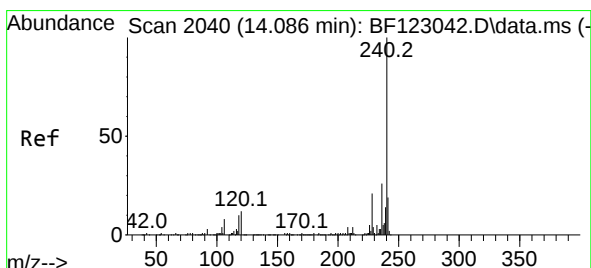
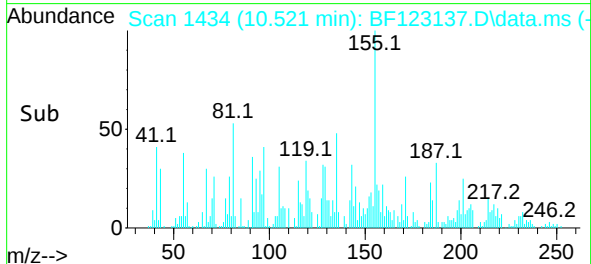
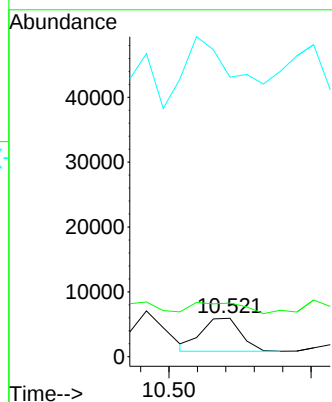
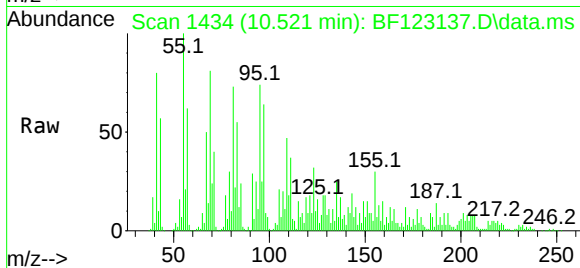




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 10.521 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

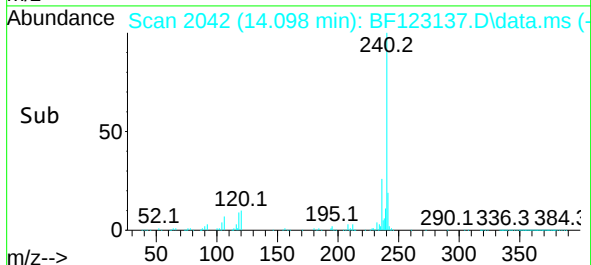
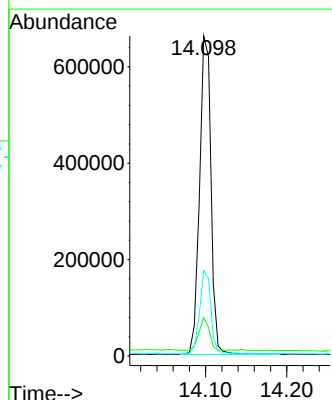
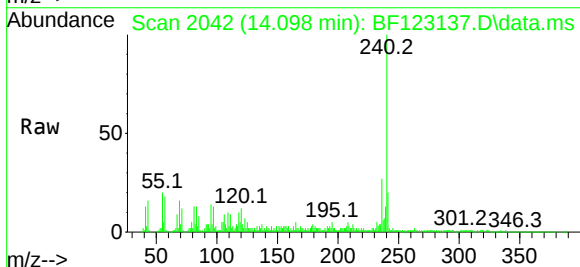
Instrument :
BNA_F
ClientSampled :
R-B

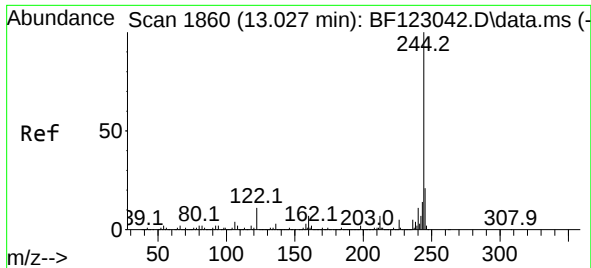
Tgt Ion:198 Resp: 4889
Ion Ratio Lower Upper
198 100
51 139.4 20.3 60.3#
105 726.5 23.0 63.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.012 min
Lab File: BF123137.D
Acq: 5 Feb 2021 16:06

Tgt Ion:240 Resp: 649193
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 26.7 20.3 30.5

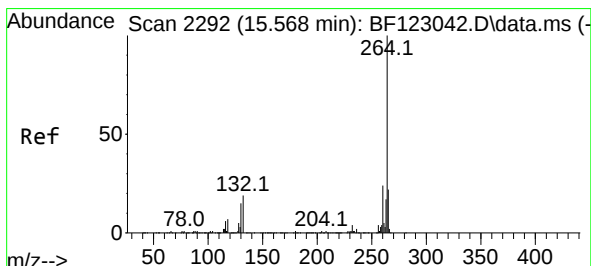
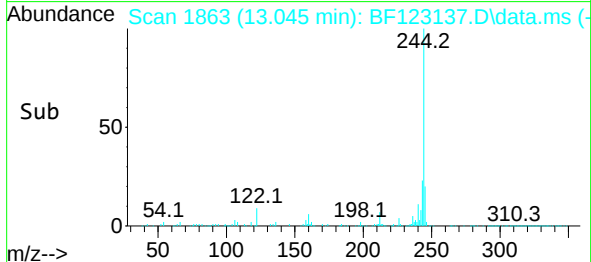
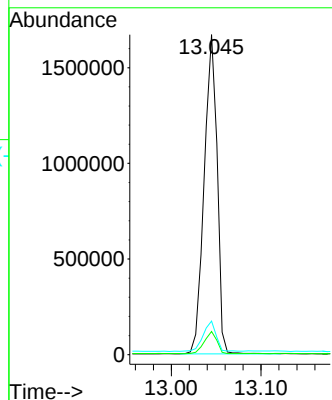
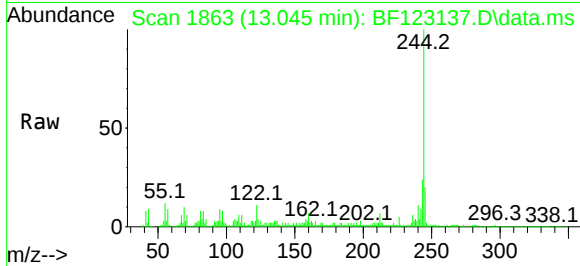




#79
 Terphenyl-d14
 Concen: 50.74 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. 0.017 min
 Lab File: BF123137.D
 Acq: 5 Feb 2021 16:06

Instrument :
 BNA_F
 ClientSampleId :
 R-B

Tgt Ion:244 Resp: 1676582
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.017 min
 Lab File: BF123137.D
 Acq: 5 Feb 2021 16:06

Tgt Ion:264 Resp: 621513
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 28.0
 265 22.2 17.0 25.6

