

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021521\
 Data File : BF123203.D
 Acq On : 15 Feb 2021 13:55
 Operator : JU/CG
 Sample : PB134648BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134648BL

Quant Time: Feb 15 14:17:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 16:59:49 2021
 Response via : Initial Calibration

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

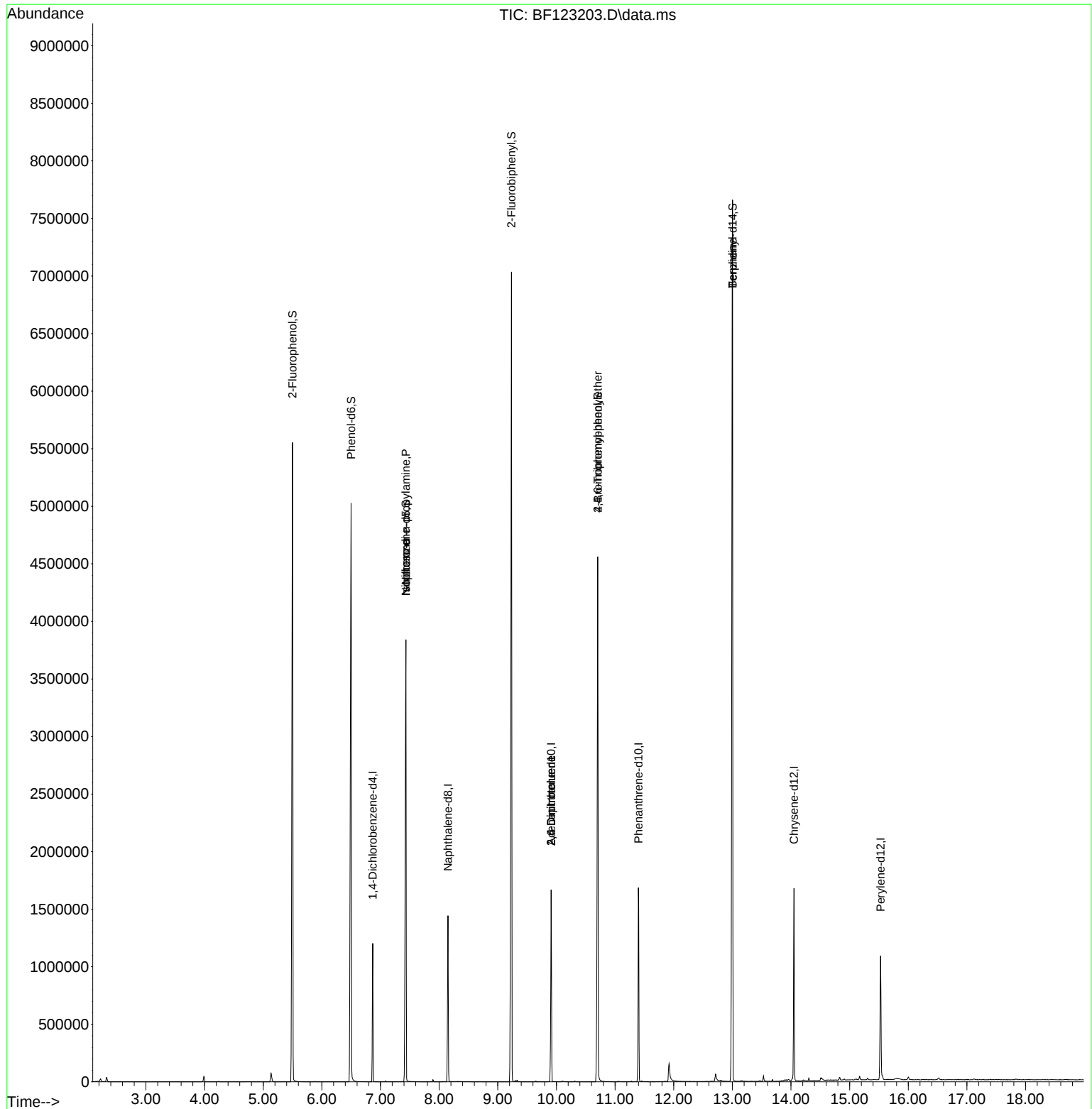
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	168032	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	667309	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	335856	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	624935	20.00	ng	# 0.00
76) Chrysene-d12	14.051	240	517657	20.00	ng	0.00
86) Perylene-d12	15.527	264	438553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1894692	170.92	ng	0.02
7) Phenol-d6	6.498	99	2353651	160.77	ng	0.00
23) Nitrobenzene-d5	7.434	82	1503790	118.41	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	625994	172.59	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2540796	113.06	ng	0.00
79) Terphenyl-d14	13.004	244	2815910	109.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	204461	24.37	ng	# 78
25) Isophorone	7.434	82	1500541	63.63	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	42112	7.19	ng	# 31
57) 2,4-Dinitrotoluene	9.910	165	42112	5.33	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	42005	6.33	ng	# 1
77) Benzidine	13.004	184	40431	2.20	ng	# 90

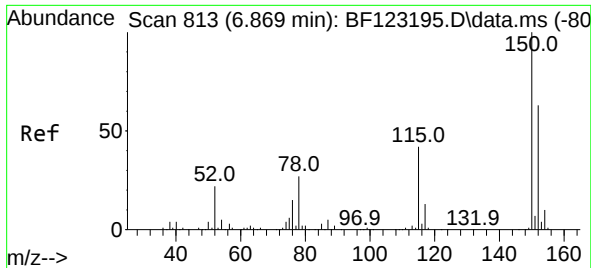
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021521\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 16:59:49 2021
Response via : Initial Calibration

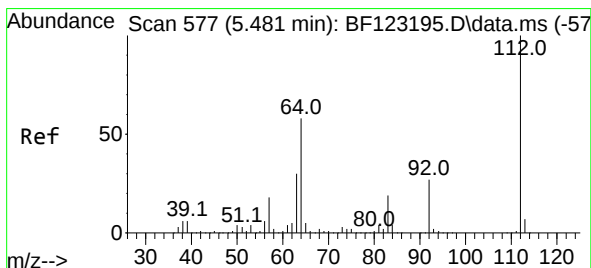
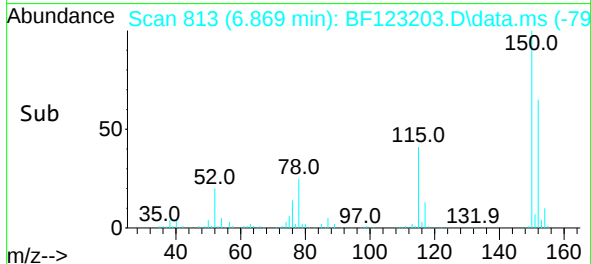
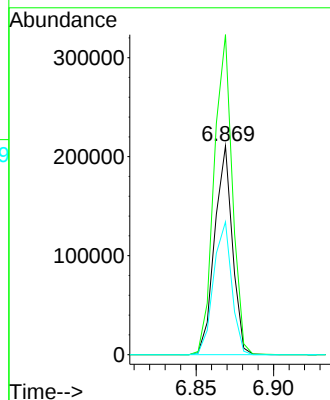
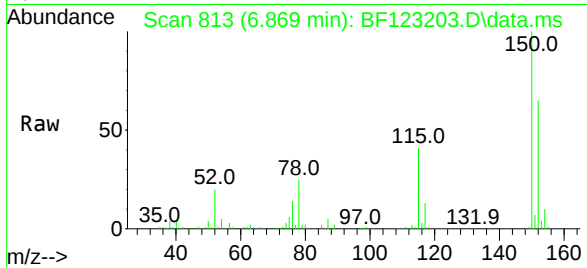




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

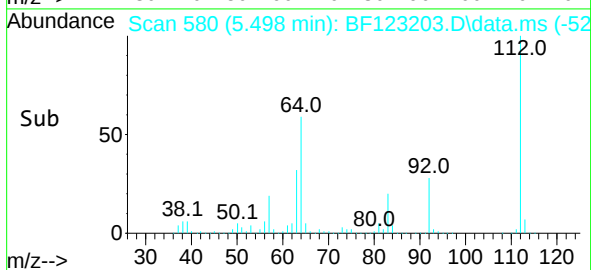
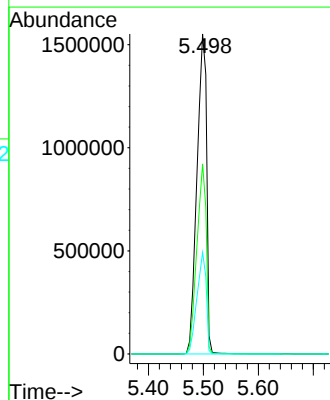
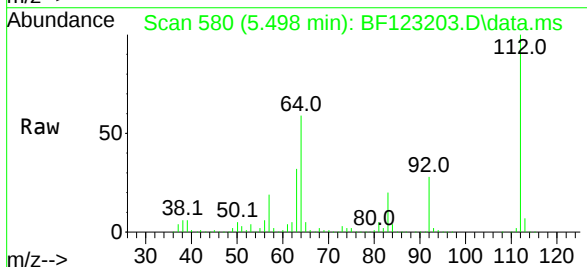
Instrument :
BNA_F
ClientSampleId :
PB134648BL

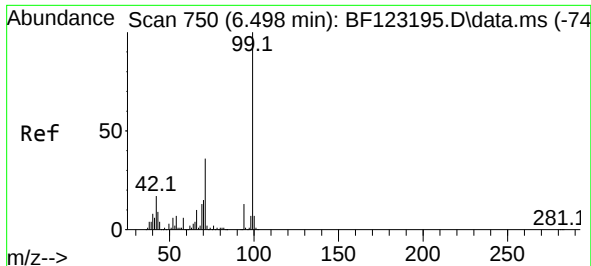
Tgt Ion:152 Resp: 168032
Ion Ratio Lower Upper
152 100
150 153.2 125.8 188.6
115 63.6 49.3 73.9



#5
2-Fluorophenol
Concen: 170.92 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

Tgt Ion:112 Resp: 1894692
Ion Ratio Lower Upper
112 100
64 59.4 46.9 70.3
63 31.7 24.5 36.7



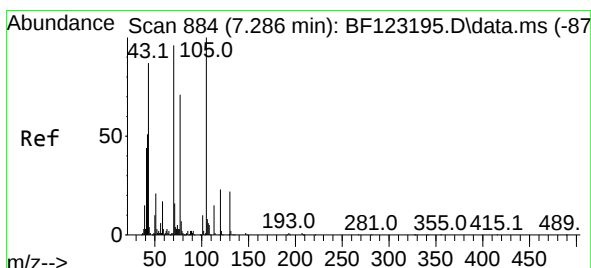
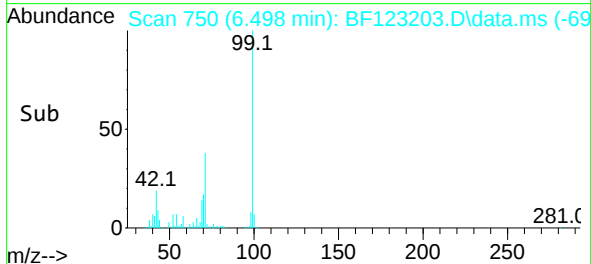
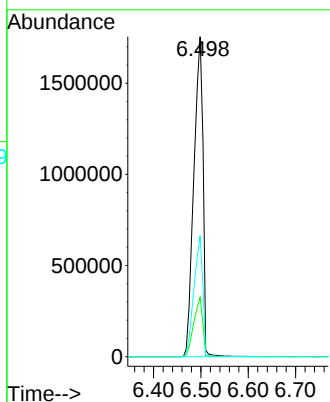
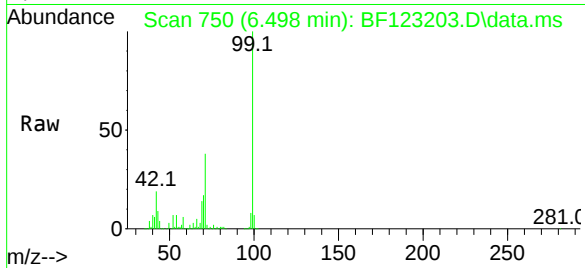


#7
Phenol-d6
Concen: 160.77 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

Instrument :
BNA_F
ClientSampleId :
PB134648BL

Tgt Ion: 99 Resp: 2353651

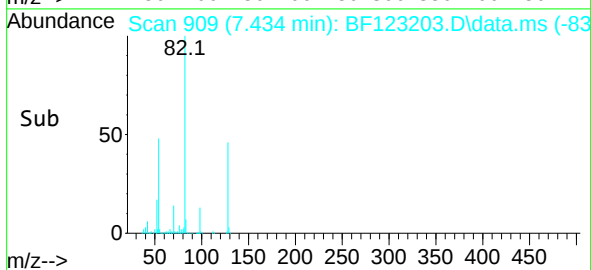
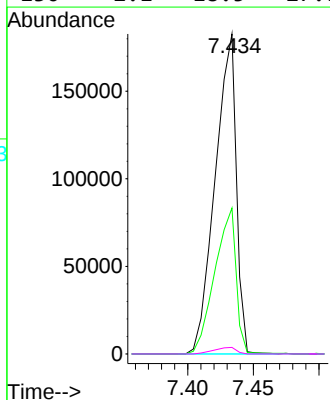
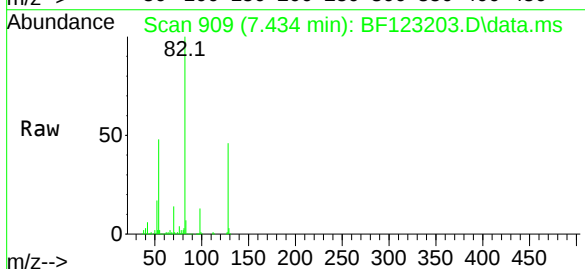
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.8	20.6
71	37.9	26.9	40.3

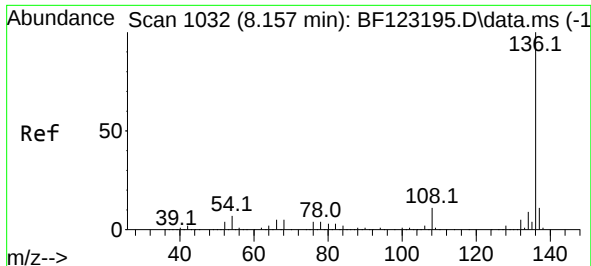


#19
n-Nitroso-di-n-propylamine
Concen: 24.37 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

Tgt Ion: 70 Resp: 204461

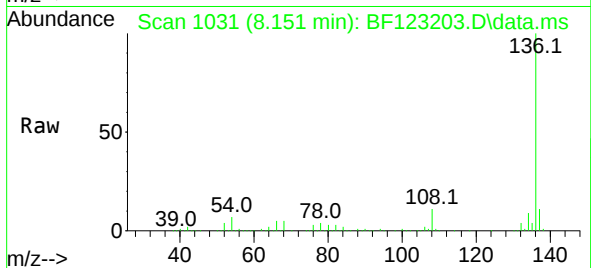
Ion	Ratio	Lower	Upper
70	100		
42	45.6	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



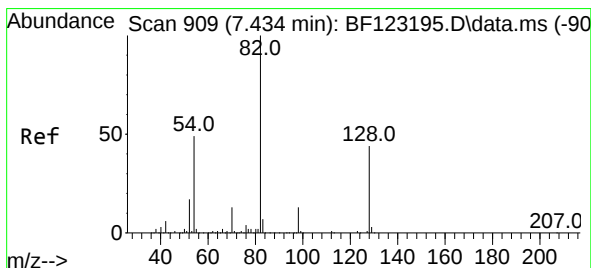
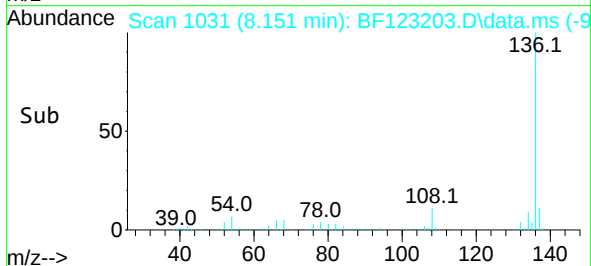
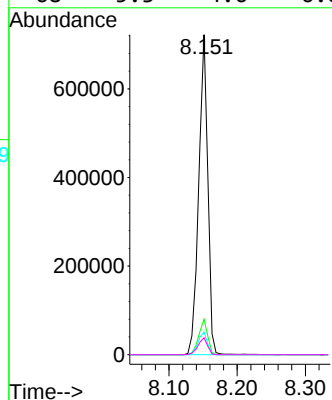


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

Instrument :
BNA_F
ClientSampleId :
PB134648BL

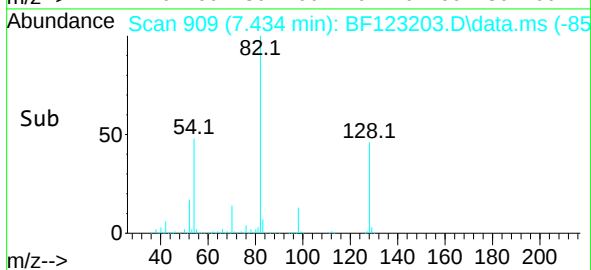
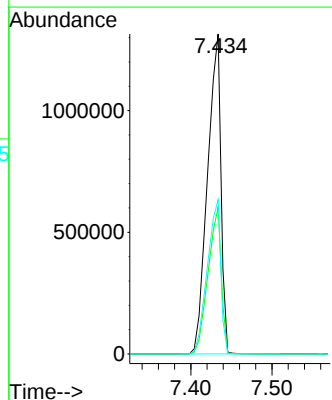
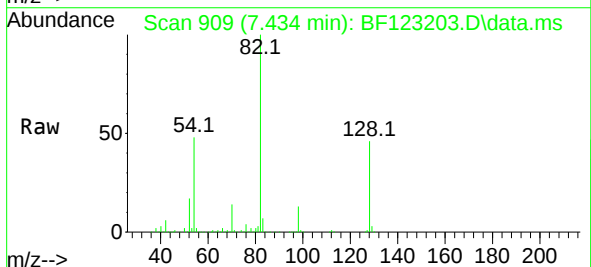


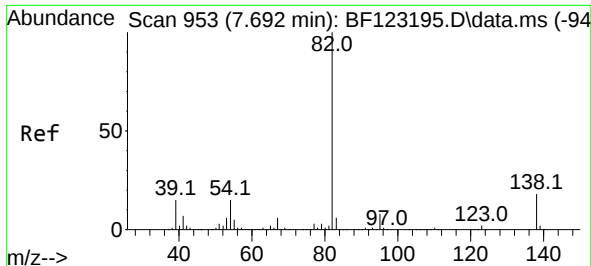
Tgt Ion:136 Resp: 667309
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.1 5.5 8.3
68 5.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 118.41 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

Tgt Ion: 82 Resp: 1503790
Ion Ratio Lower Upper
82 100
128 45.9 37.0 55.4
54 48.3 38.4 57.6

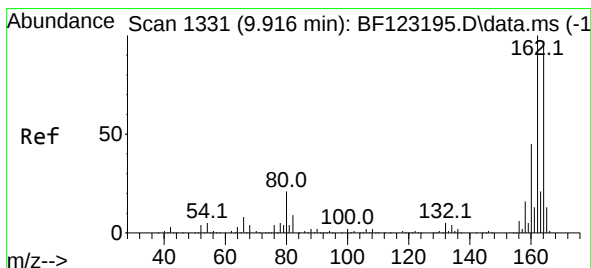
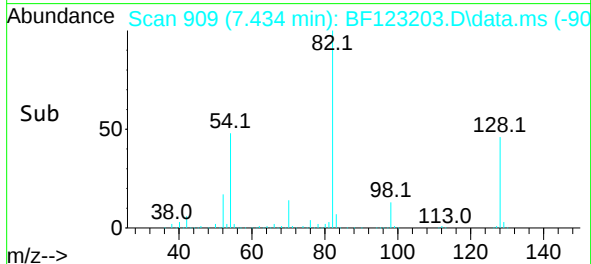
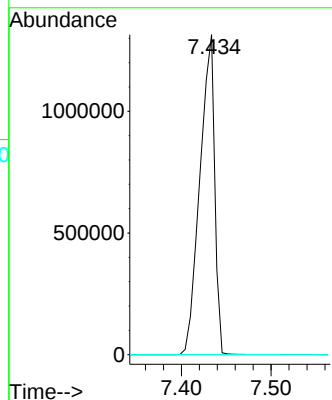
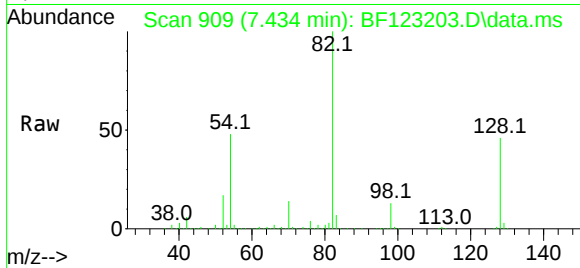




#25
Isophorone
Concen: 63.63 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.259 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

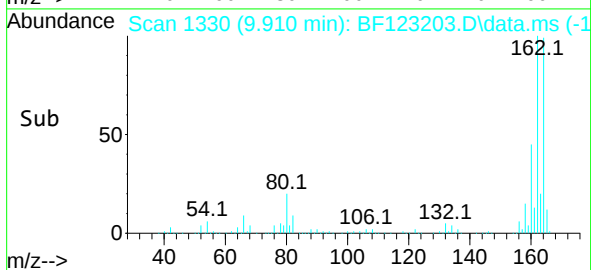
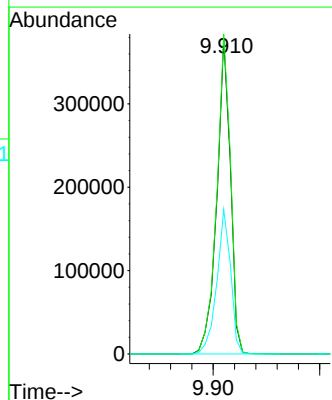
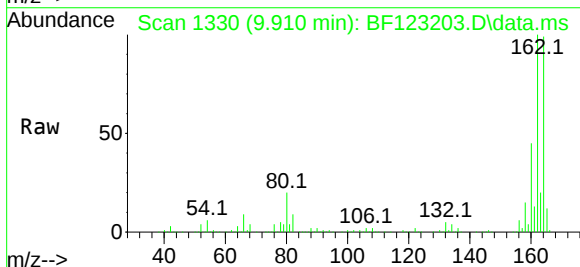
Instrument :
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ClientSampleId :
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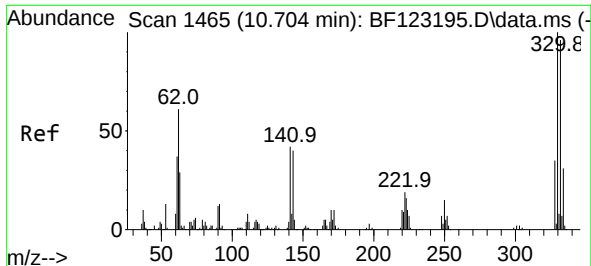
Tgt Ion: 82 Resp: 1500541
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

Tgt Ion: 164 Resp: 335856
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 45.7 35.4 53.0

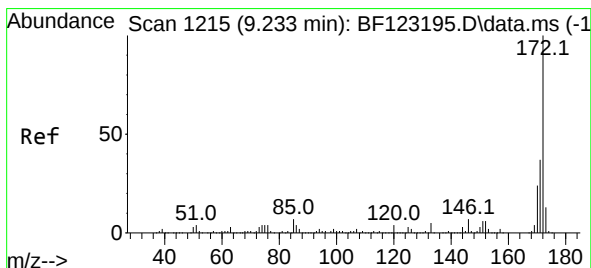
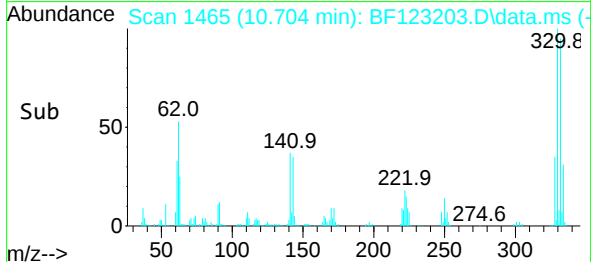
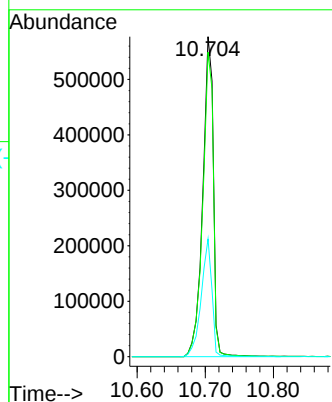
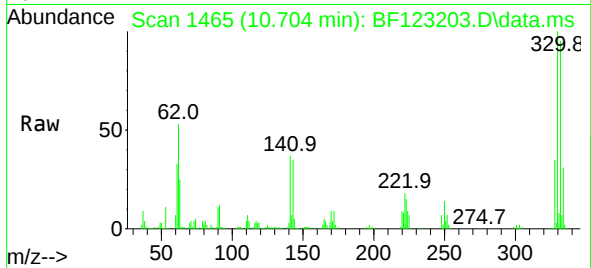




#42
2,4,6-Tribromophenol
Concen: 172.59 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

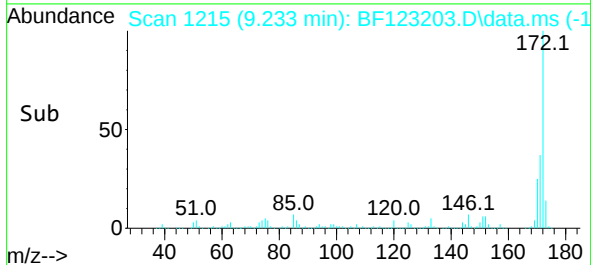
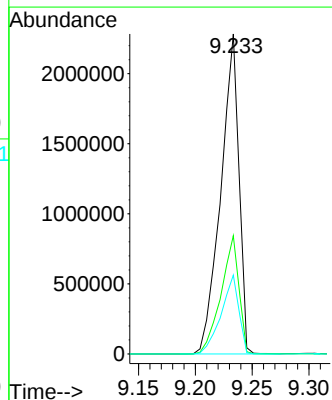
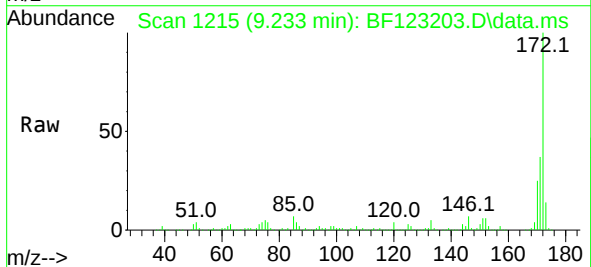
Instrument :
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ClientSampleId :
PB134648BL

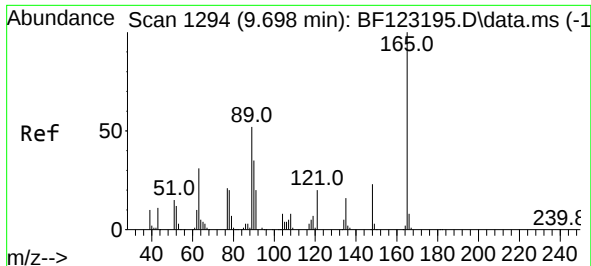
Tgt Ion: 330 Resp: 625994
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 36.9 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 113.06 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

Tgt Ion: 172 Resp: 2540796
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.6 19.5 29.3

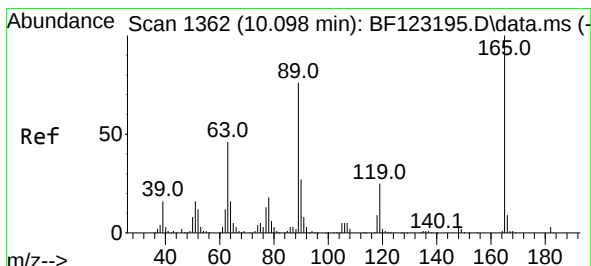
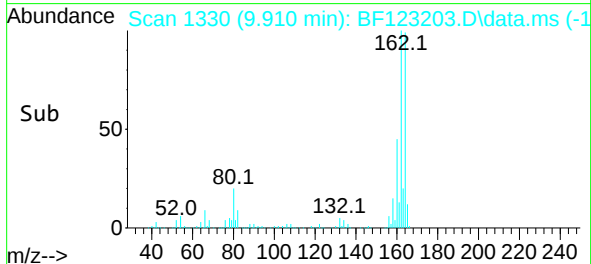
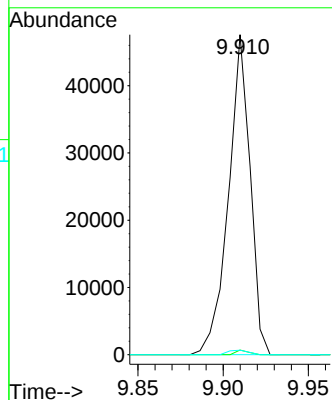
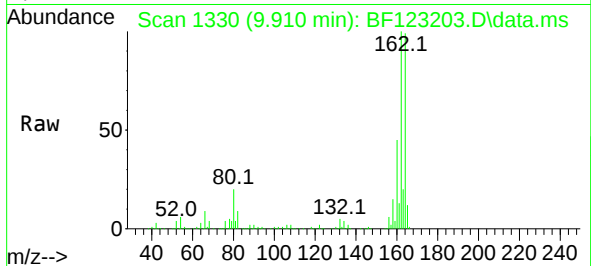




#51
2,6-Dinitrotoluene
Concen: 7.19 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

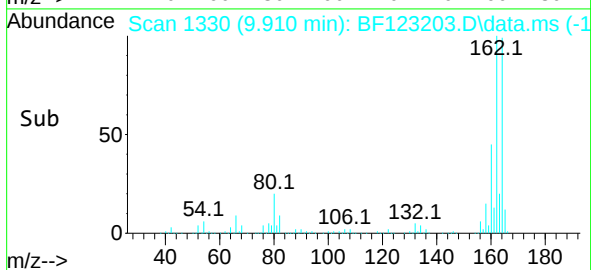
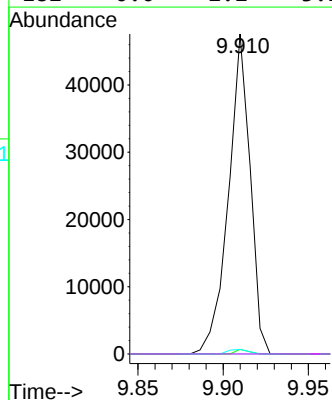
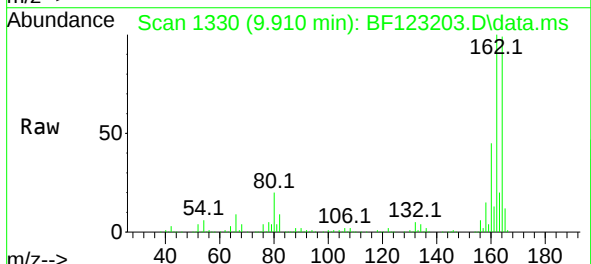
Instrument :
BNA_F
ClientSampled :
PB134648BL

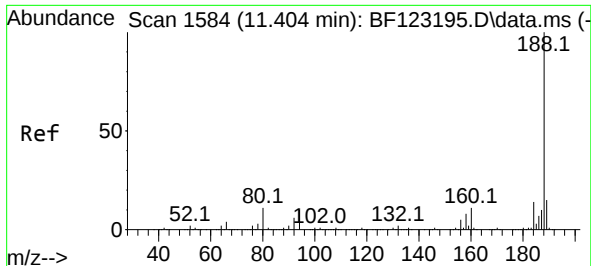
Tgt Ion:165 Resp: 42112
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.33 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

Tgt Ion:165 Resp: 42112
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

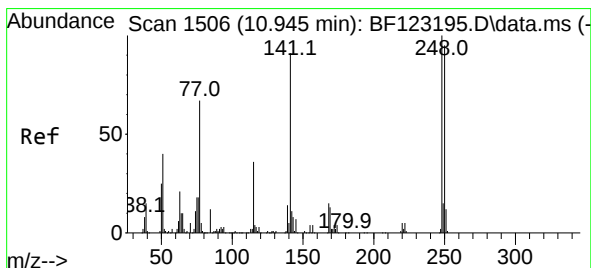
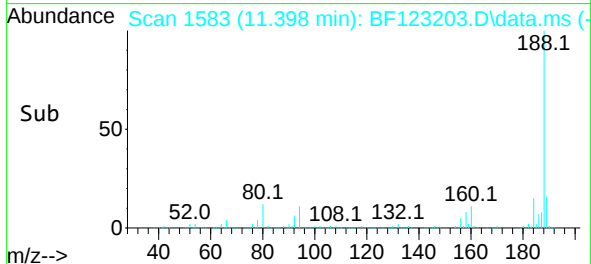
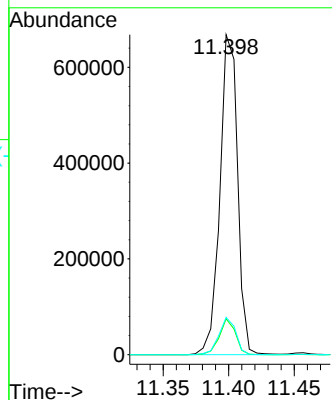
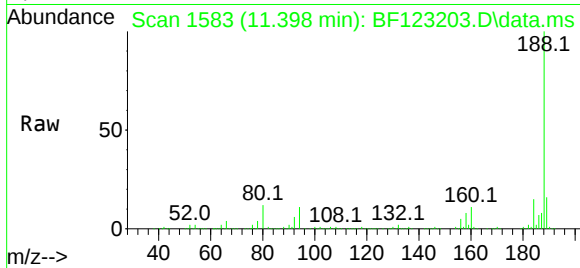




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

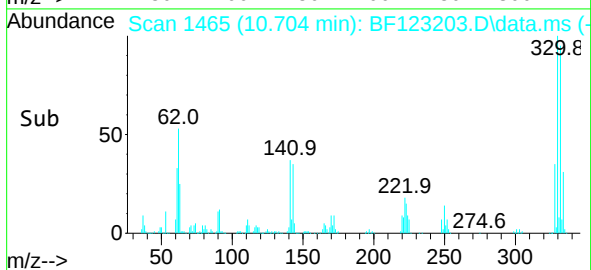
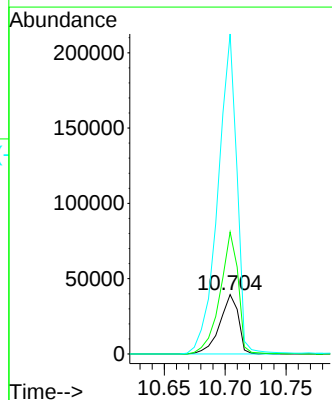
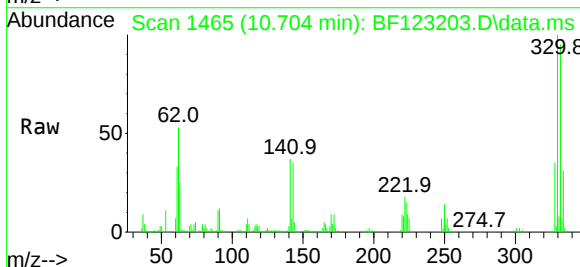
Instrument :
BNA_F
ClientSampleId :
PB134648BL

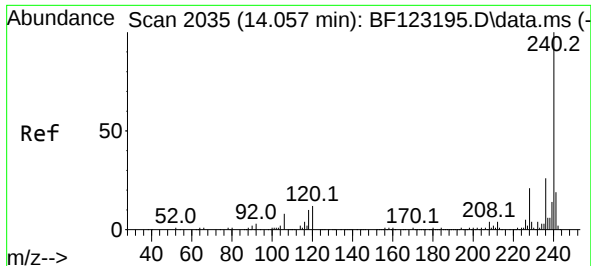
Tgt Ion:188 Resp: 624935
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.2#
80 11.7 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 6.33 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

Tgt Ion:248 Resp: 42005
Ion Ratio Lower Upper
248 100
250 205.5 76.8 115.2#
141 539.5 59.8 89.8#

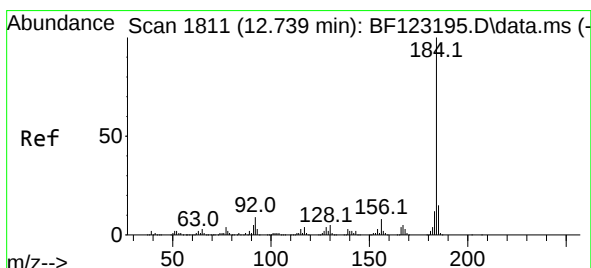
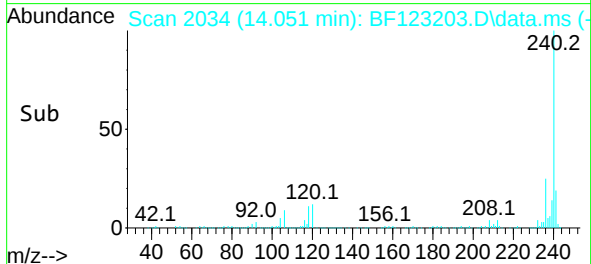
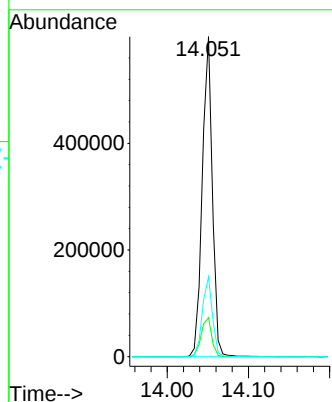
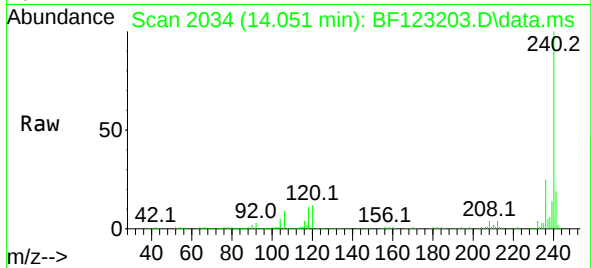




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

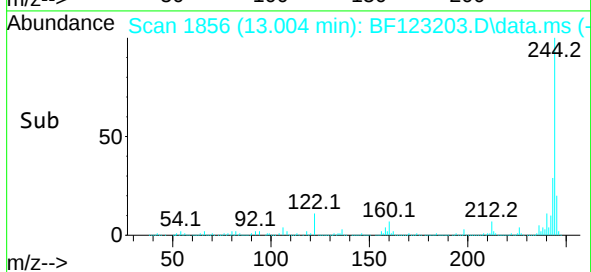
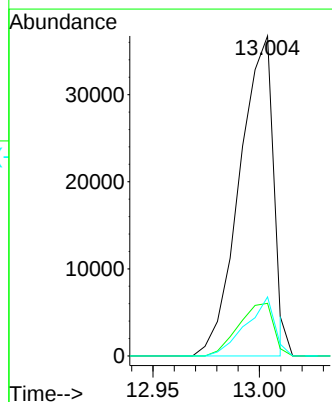
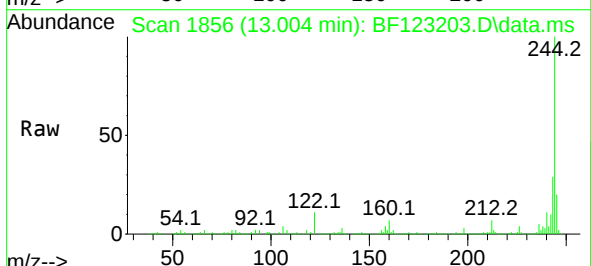
Instrument :
BNA_F
ClientSampleId :
PB134648BL

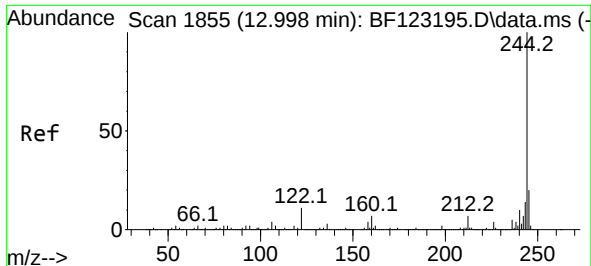
Tgt Ion:240 Resp: 517657
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 25.0 20.3 30.5



#77
Benzidine
Concen: 2.20 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.265 min
Lab File: BF123203.D
Acq: 15 Feb 2021 13:55

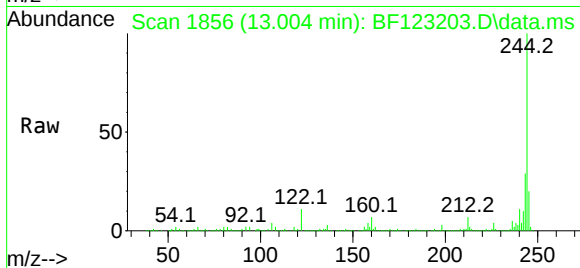
Tgt Ion:184 Resp: 40431
Ion Ratio Lower Upper
184 100
185 16.5 11.8 17.6
183 18.5 9.7 14.5#





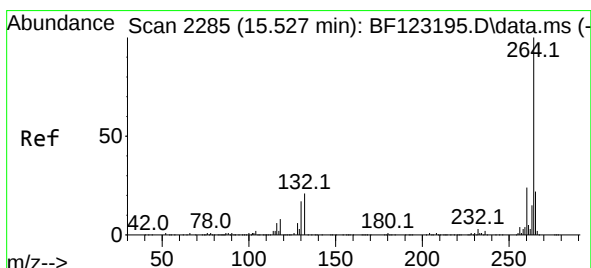
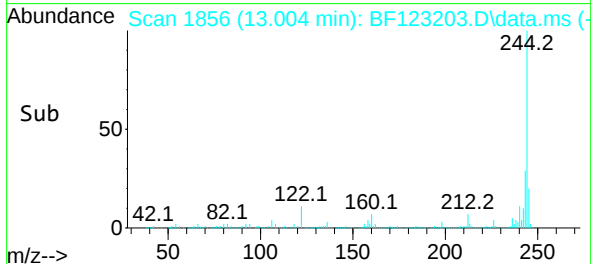
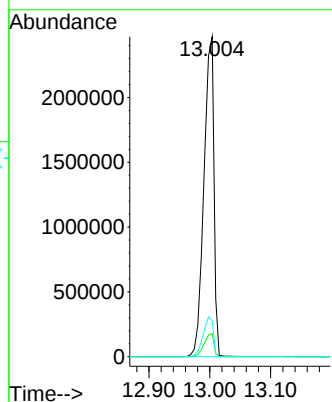
#79
 Terphenyl-d14
 Concen: 109.02 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF123203.D
 Acq: 15 Feb 2021 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB134648BL



Tgt Ion:244 Resp: 2815910

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.2	8.3	12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: BF123203.D
 Acq: 15 Feb 2021 13:55

Tgt Ion:264 Resp: 438553

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.1	17.0	25.6

