

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123486.D
 Acq On : 26 Mar 2021 15:01
 Operator : JU/CG
 Sample : M1770-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Quant Time: Mar 26 15:28:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

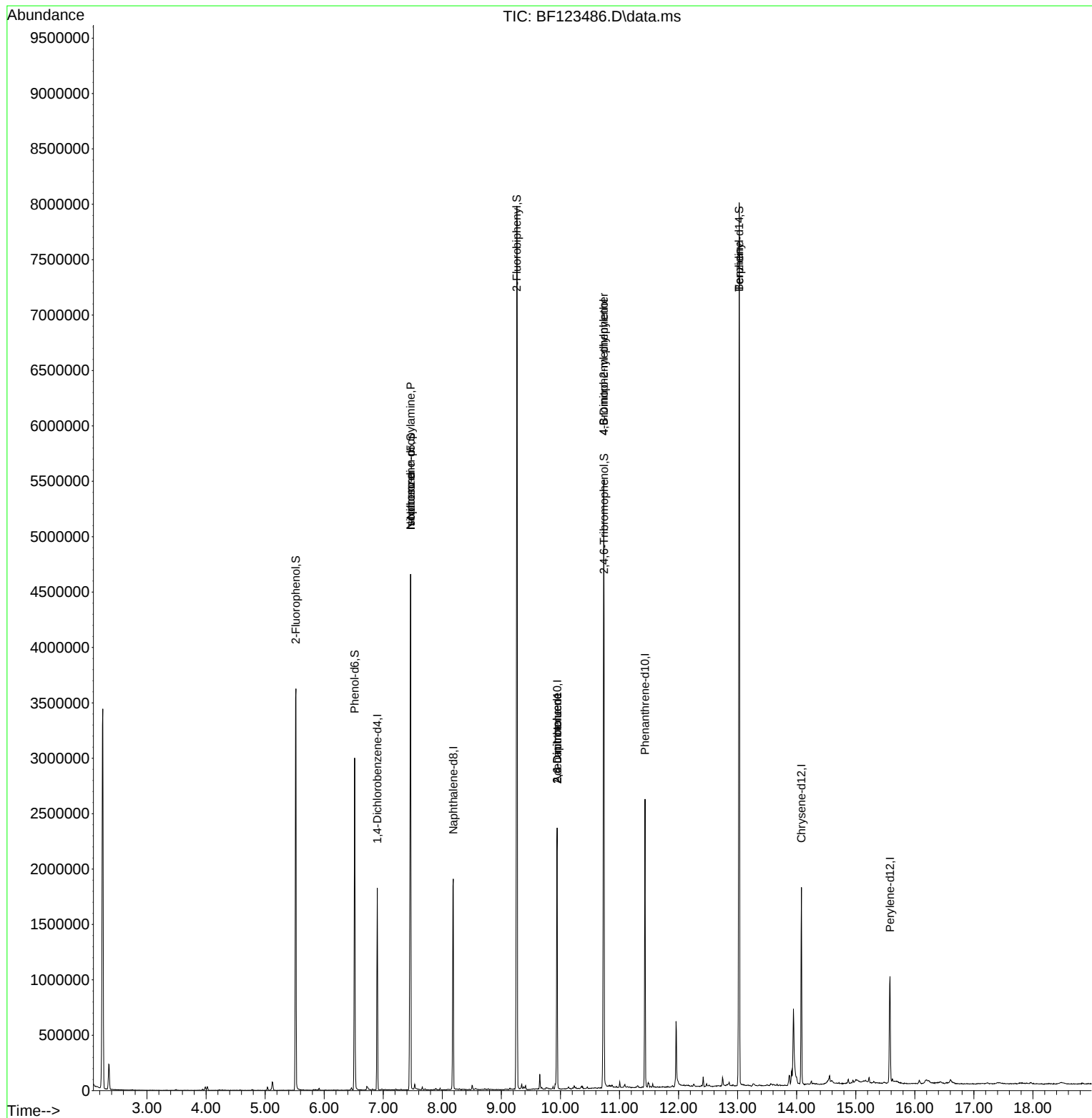
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	240031	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	888284	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	505846	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	861203	20.00	ng	0.00
76) Chrysene-d12	14.080	240	591395	20.00	ng	0.00
86) Perylene-d12	15.580	264	462257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	939300	64.02	ng	0.00
7) Phenol-d6	6.516	99	876769	44.89	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1558650	94.70	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	764433	135.17	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2788908	78.76	ng	0.00
79) Terphenyl-d14	13.027	244	2915159	83.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.439	77	500	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.463	70	216158	17.11	ng	# 82
25) Isophorone	7.463	82	1550541	43.82	ng	# 65
51) 2,6-Dinitrotoluene	9.945	165	65587	8.74	ng	# 31
57) 2,4-Dinitrotoluene	9.945	165	65587	7.00	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1287	5.37	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	42660	4.18	ng	# 1
77) Benzidine	13.027	184	39917	2.27	ng	96

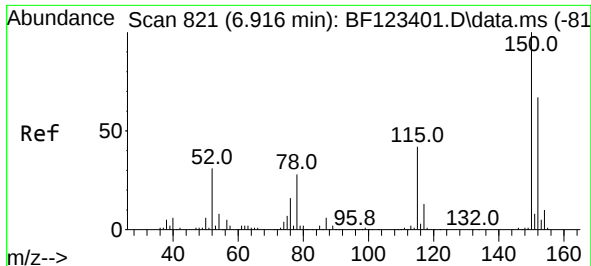
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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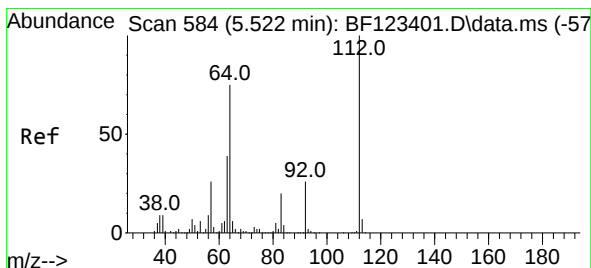
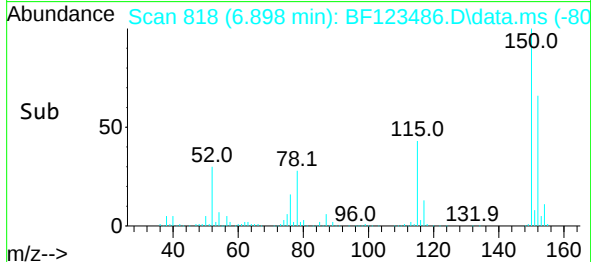
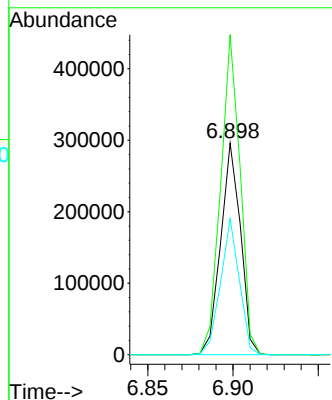
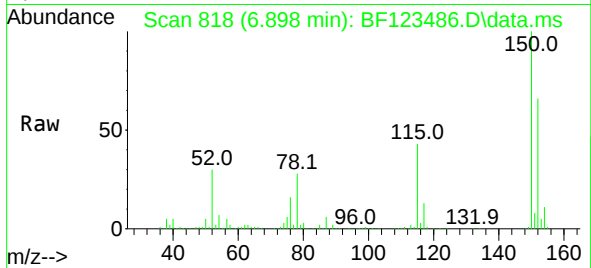




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

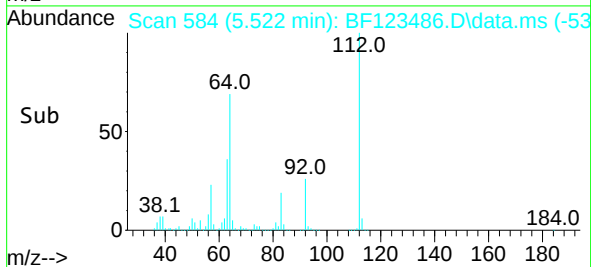
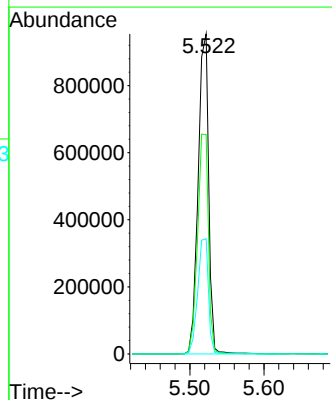
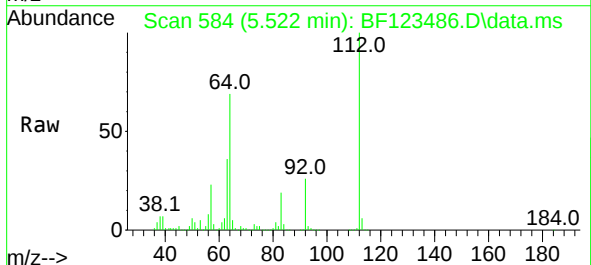
Instrument :
BNA_F
ClientSampleId :
MW-104D

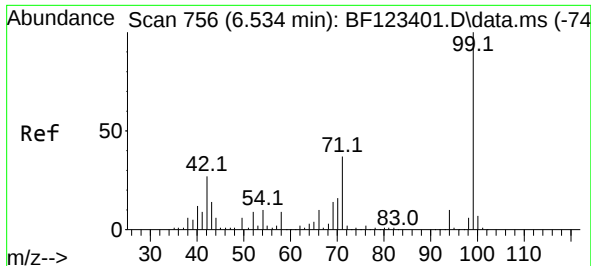
Tgt Ion:152 Resp: 240031
Ion Ratio Lower Upper
152 100
150 151.3 125.8 188.6
115 64.3 49.3 73.9



#5
2-Fluorophenol
Concen: 64.02 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

Tgt Ion:112 Resp: 939300
Ion Ratio Lower Upper
112 100
64 68.6 46.9 70.3
63 36.0 24.5 36.7

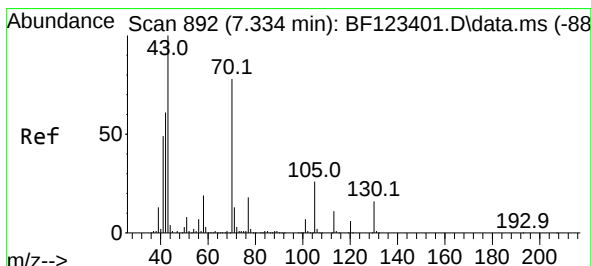
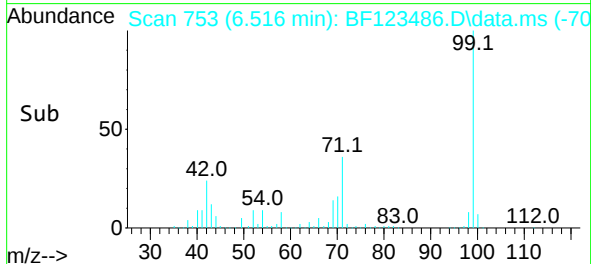
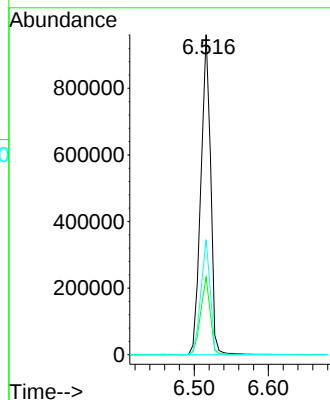
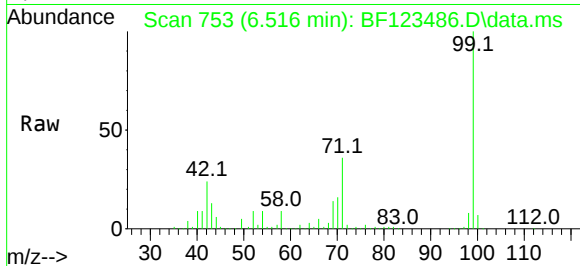




#7
Phenol-d6
Concen: 44.89 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

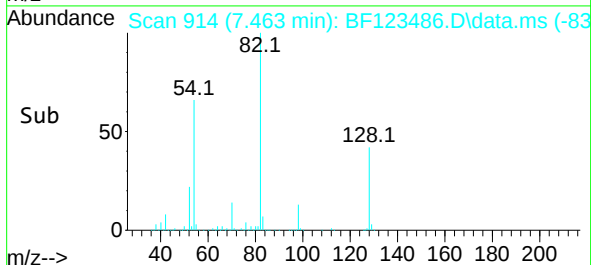
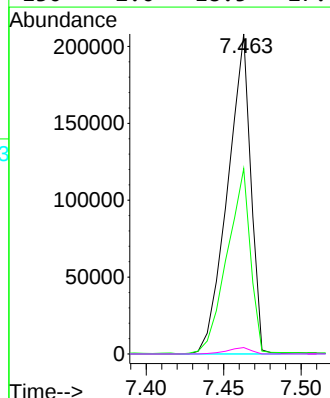
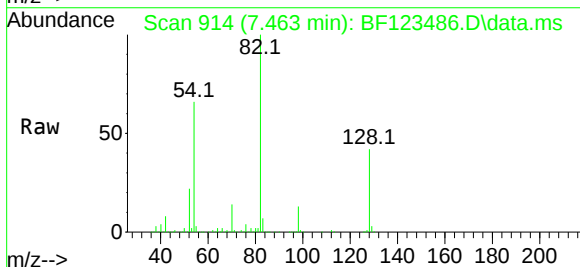
Instrument :
BNA_F
ClientSampled :
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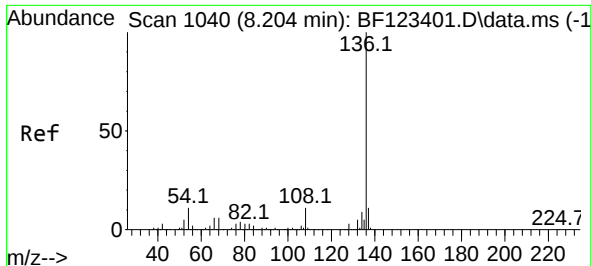
Tgt Ion: 99 Resp: 876769
Ion Ratio Lower Upper
99 100
42 24.2 13.8 20.6#
71 36.0 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.11 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

Tgt Ion: 70 Resp: 216158
Ion Ratio Lower Upper
70 100
42 57.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#

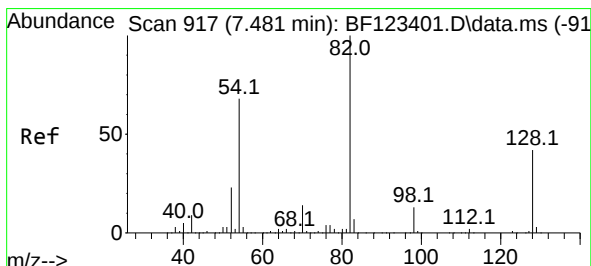
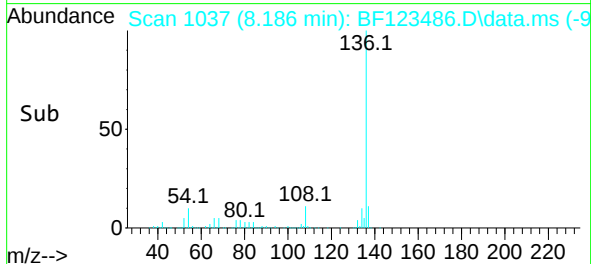
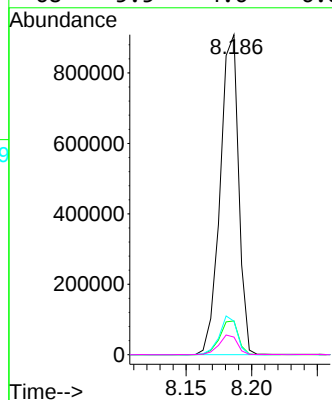
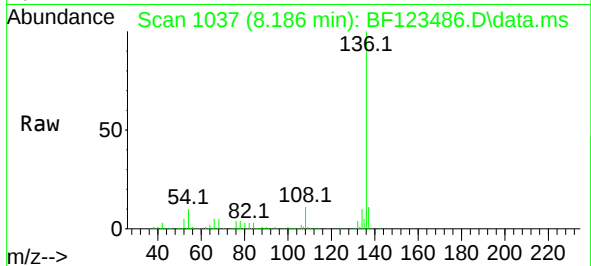




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

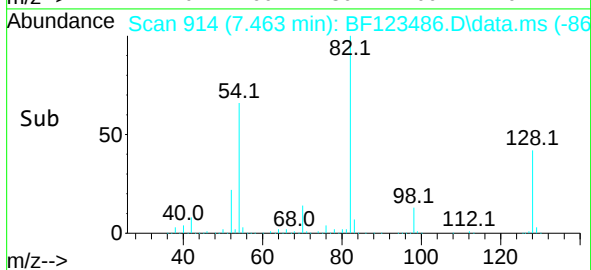
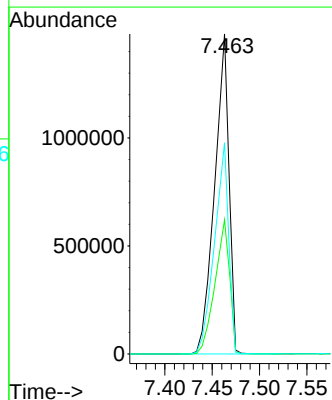
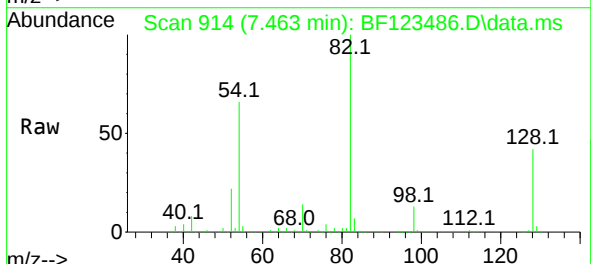
Instrument :
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ClientSampled :
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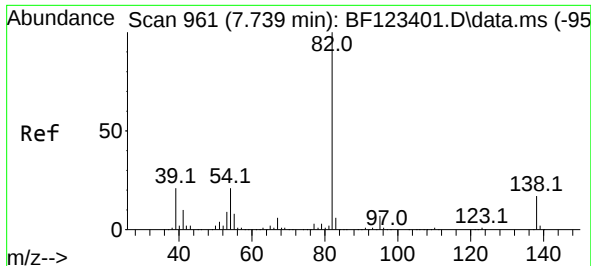
Tgt Ion:	136	Resp:	888284
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.8	13.2
54	10.5	5.5	8.3#
68	5.5	4.6	6.8



#23
Nitrobenzene-d5
Concen: 94.70 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

Tgt Ion:	82	Resp:	1558650
Ion Ratio	Lower	Upper	
82	100		
128	41.9	37.0	55.4
54	66.0	38.4	57.6#

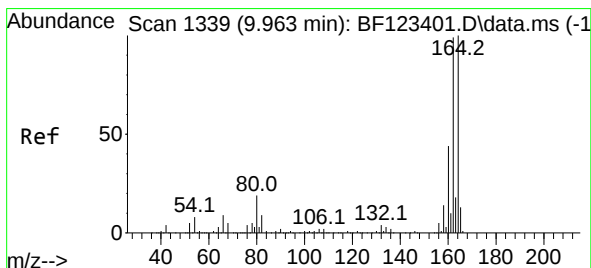
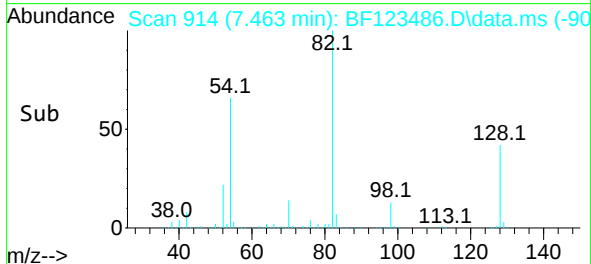
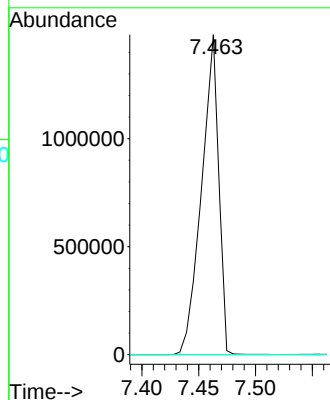
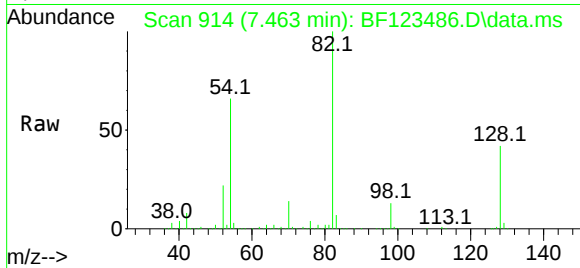




#25
Isophorone
Concen: 43.82 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

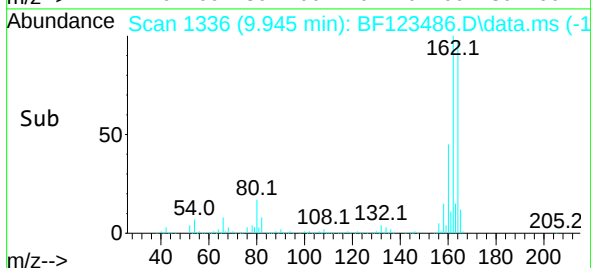
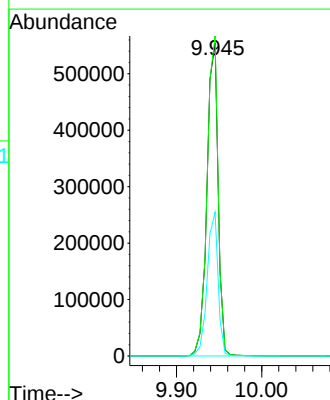
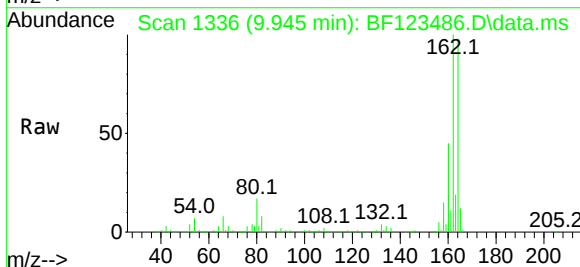
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ClientSampleID :
MW-104D

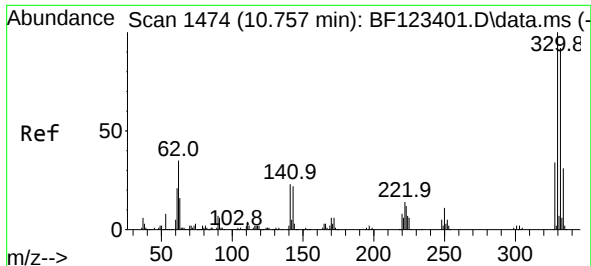
Tgt Ion: 82 Resp: 1550541
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

Tgt Ion:164 Resp: 505846
Ion Ratio Lower Upper
164 100
162 102.2 80.8 121.2
160 45.9 35.4 53.0

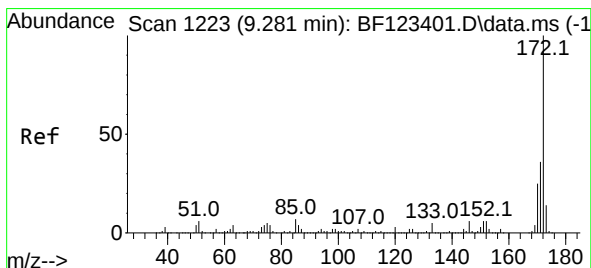
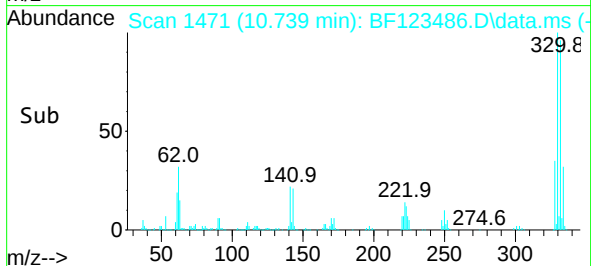
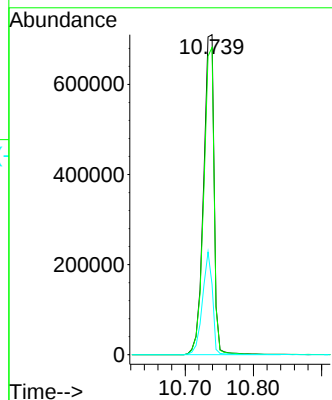
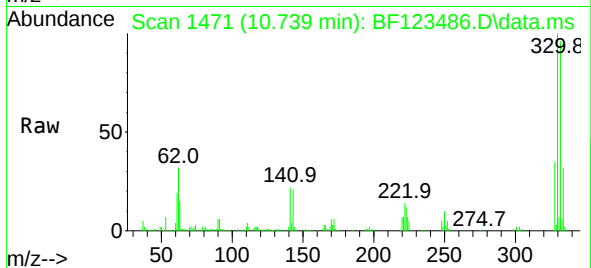




#42
2,4,6-Tribromophenol
Concen: 135.17 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

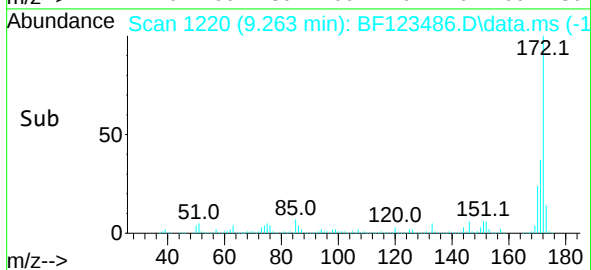
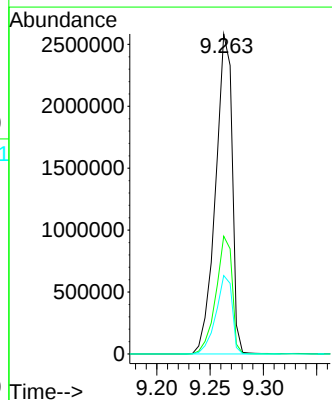
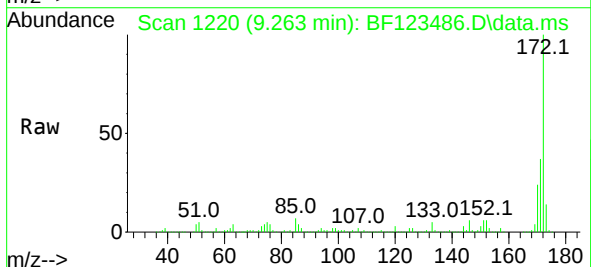
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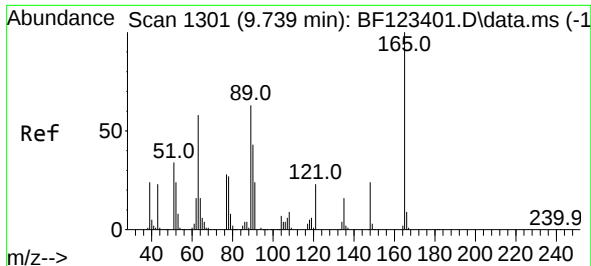
Tgt Ion:330 Resp: 764433
Ion Ratio Lower Upper
330 100
332 94.6 77.5 116.3
141 30.5 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 78.76 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

Tgt Ion:172 Resp: 2788908
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.5 19.5 29.3

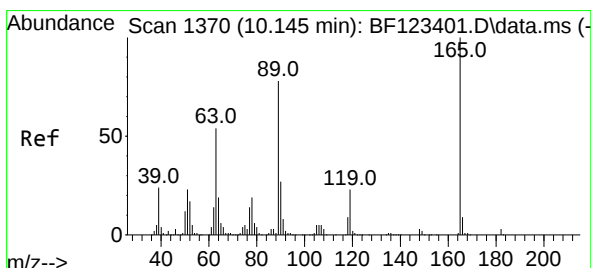
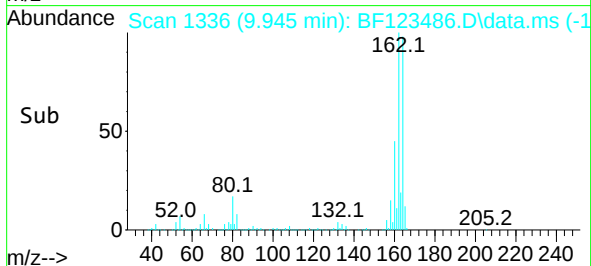
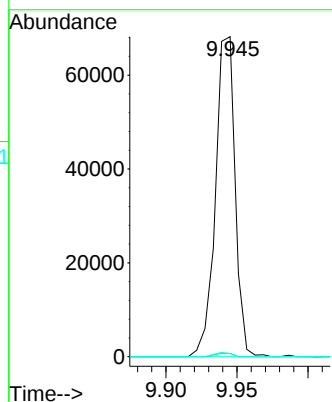
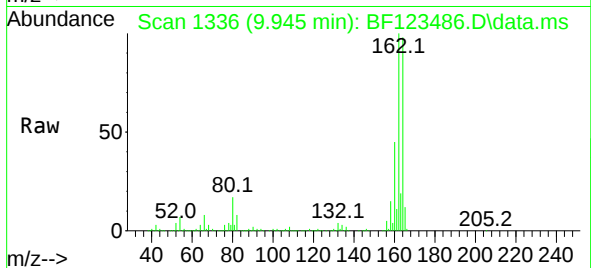




#51
2,6-Dinitrotoluene
Concen: 8.74 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.218 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

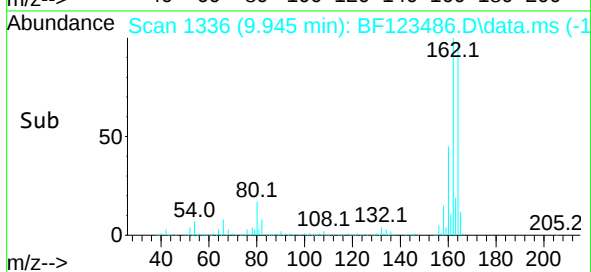
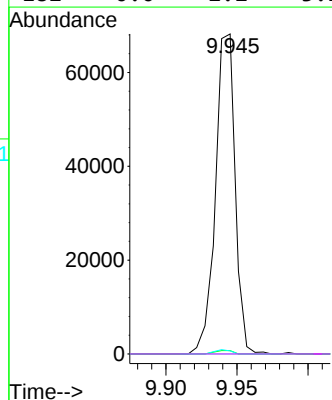
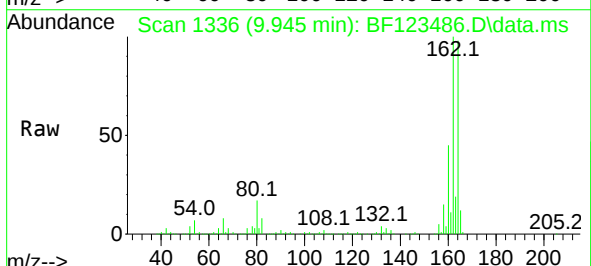
Instrument :
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ClientSampled :
MW-104D

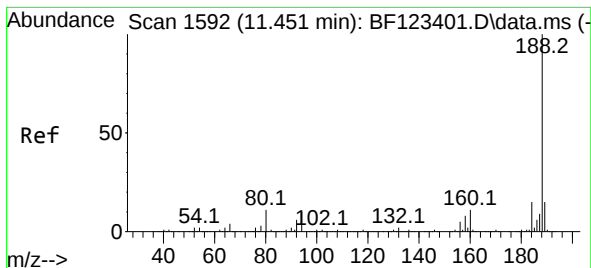
Tgt Ion:165 Resp: 65587
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.182 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

Tgt Ion:165 Resp: 65587
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

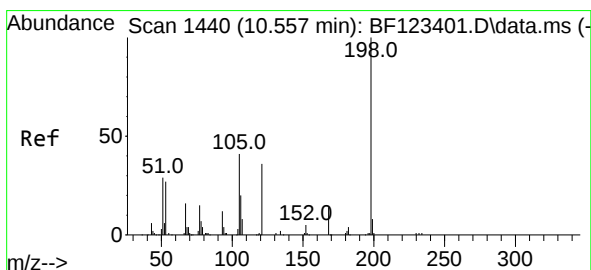
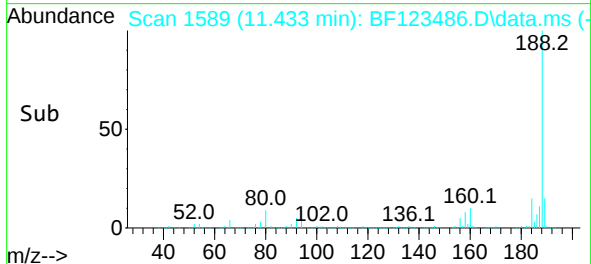
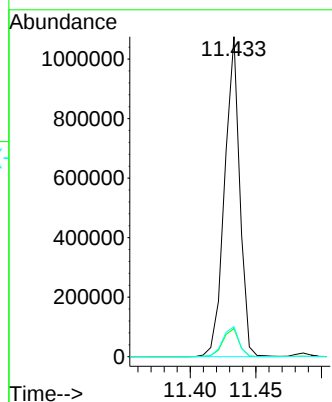
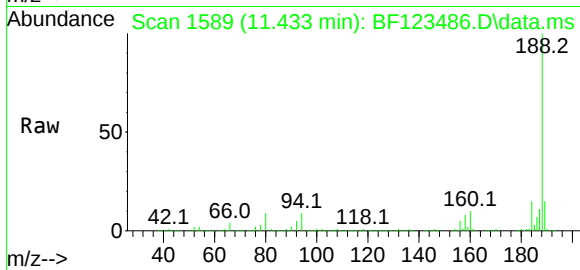




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

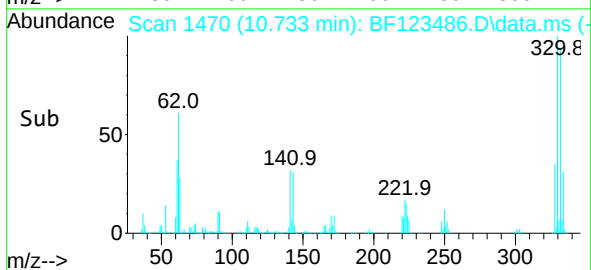
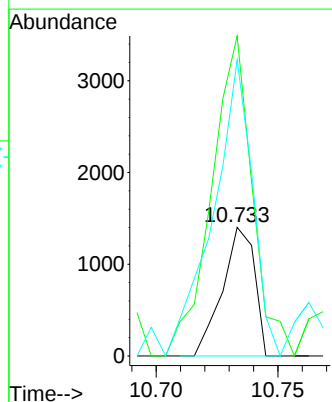
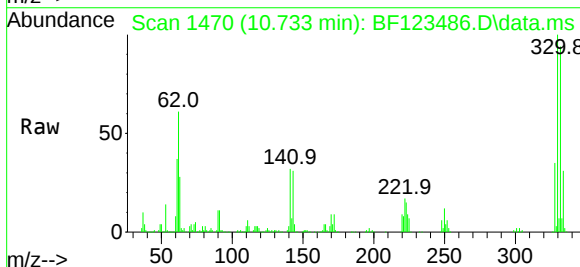
Instrument :
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ClientSampleId :
MW-104D

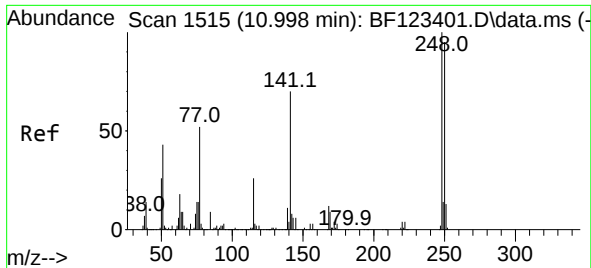
Tgt Ion:188 Resp: 861203
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.4 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.37 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

Tgt Ion:198 Resp: 1287
Ion Ratio Lower Upper
198 100
51 248.7 20.3 60.3#
105 230.1 23.0 63.0#

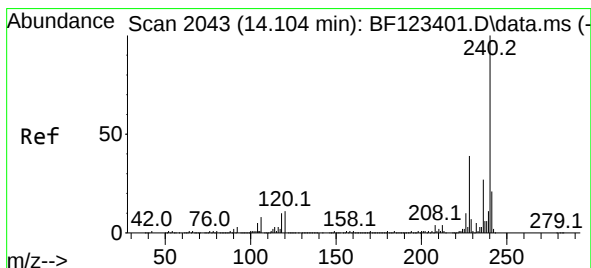
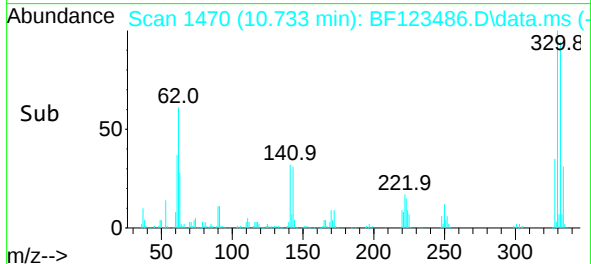
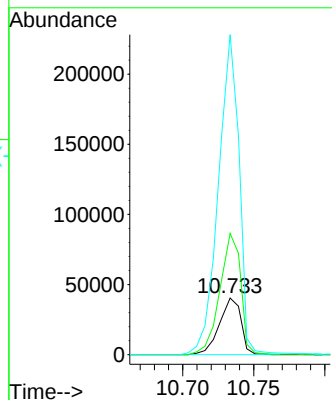
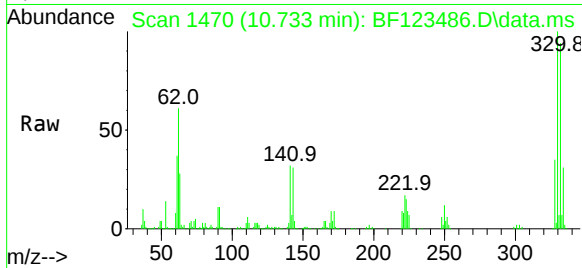




#67
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

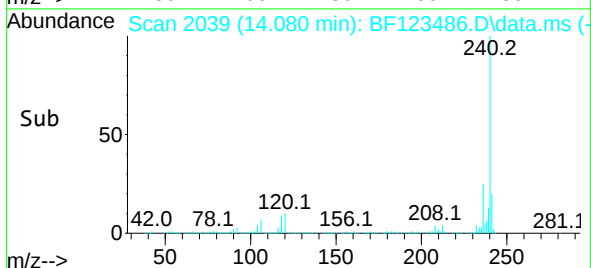
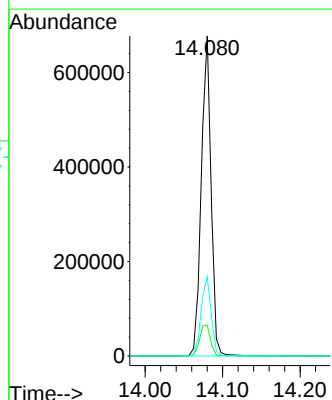
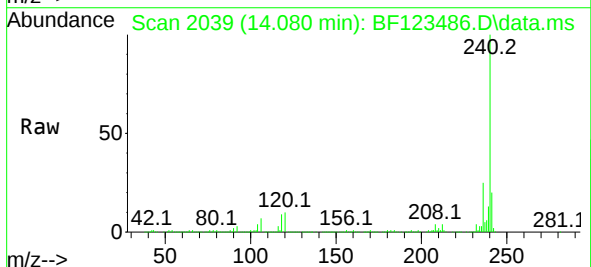
Instrument :
BNA_F
ClientSampled :
MW-104D

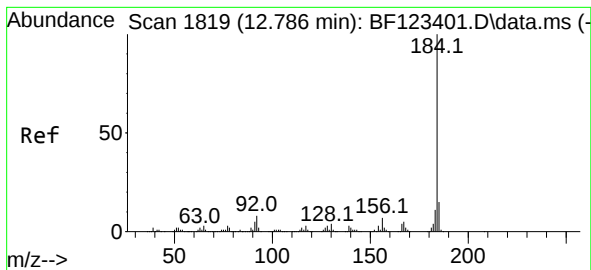
Tgt Ion:248 Resp: 42660
Ion Ratio Lower Upper
248 100
250 213.8 76.8 115.2#
141 564.2 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

Tgt Ion:240 Resp: 591395
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 24.8 20.3 30.5

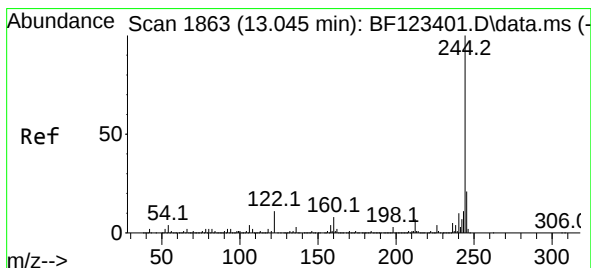
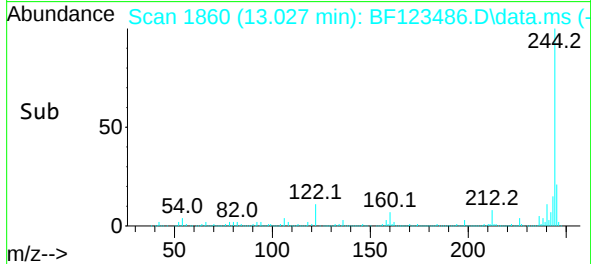
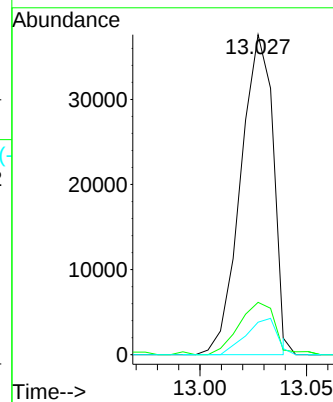
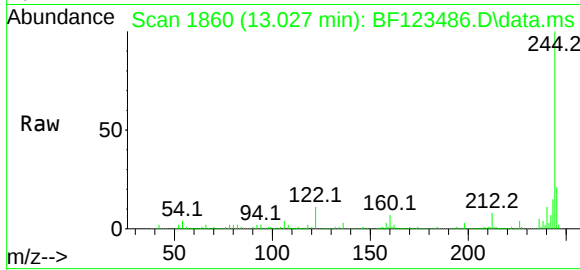




#77
Benzidine
Concen: 2.27 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

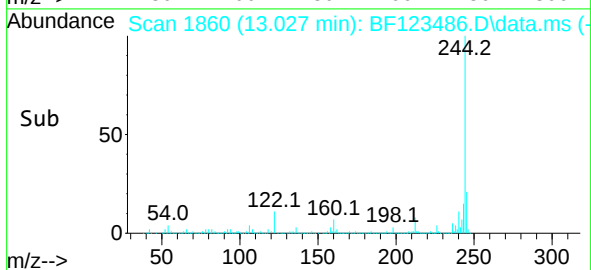
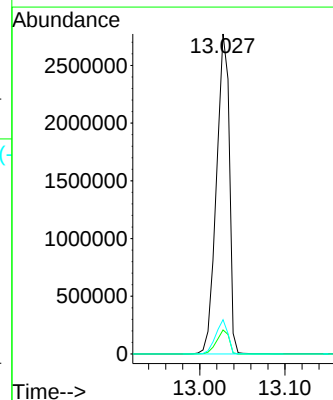
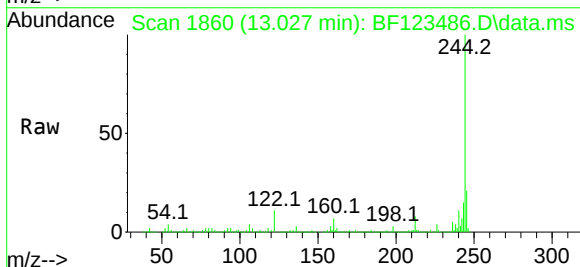
Instrument :
BNA_F
ClientSampled :
MW-104D

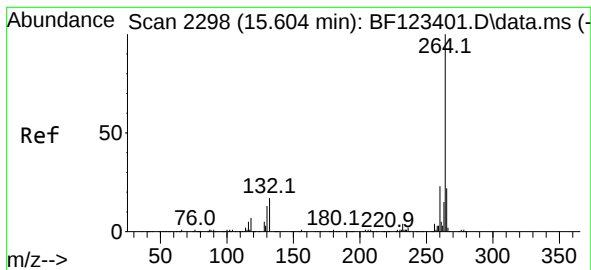
Tgt Ion:184 Resp: 39917
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.6
183 10.1 9.7 14.5



#79
Terphenyl-d14
Concen: 83.54 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123486.D
Acq: 26 Mar 2021 15:01

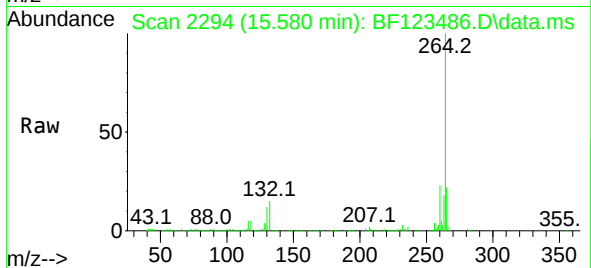
Tgt Ion:244 Resp: 2915159
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.000 min
 Lab File: BF123486.D
 Acq: 26 Mar 2021 15:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D



Tgt Ion:264 Resp: 462257
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.6 17.0 25.6

