

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123489.D
 Acq On : 26 Mar 2021 16:42
 Operator : JU/CG
 Sample : M1770-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103I

Quant Time: Mar 26 22:57:39 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)

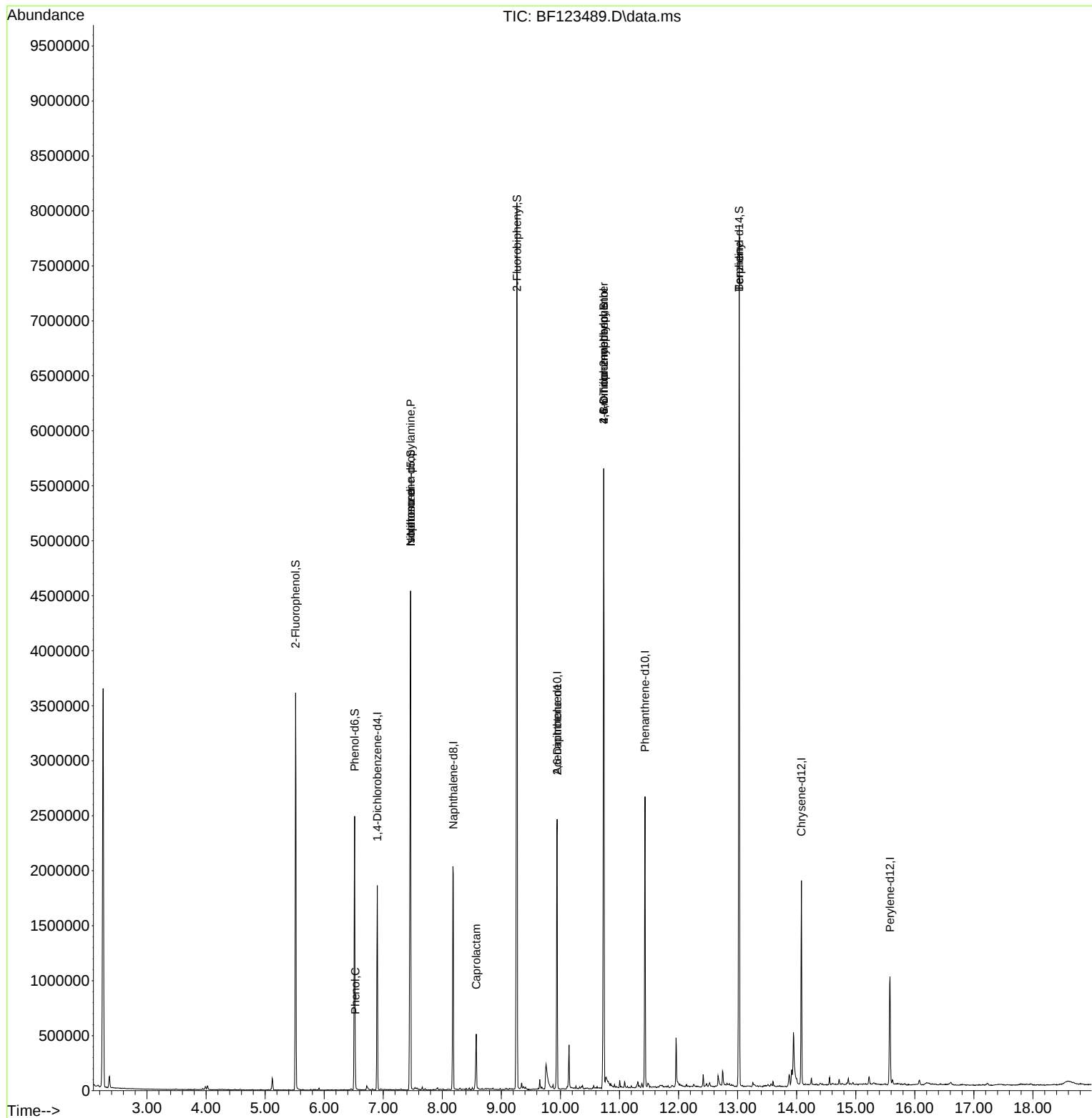
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	253841	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	950081	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	531854	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	900680	20.00	ng	0.00
76) Chrysene-d12	14.080	240	601075	20.00	ng	0.00
86) Perylene-d12	15.580	264	467263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	866986	55.88	ng	0.00
7) Phenol-d6	6.516	99	703324	34.05	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1551731	88.15	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	761173	128.01	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2775643	74.56	ng	0.00
79) Terphenyl-d14	13.027	244	2784858	78.52	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	290	Below Cal	#	87
10) Phenol	6.528	94	49930	2.36	ng	93
19) n-Nitroso-di-n-propyla...	7.463	70	212951	15.94	ng	# 79
25) Isophorone	7.463	82	1540194	40.70	ng	# 65
35) Caprolactam	8.575	113	48652	10.66	ng	# 39
51) 2,6-Dinitrotoluene	9.945	165	69322	8.78	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.733	198	1606	5.42	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	45885	4.30	ng	# 1
77) Benzidine	13.027	184	36210	2.02	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123489.D
Acq On : 26 Mar 2021 16:42
Operator : JU/CG
Sample : M1770-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103I

Quant Time: Mar 26 22:57:39 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

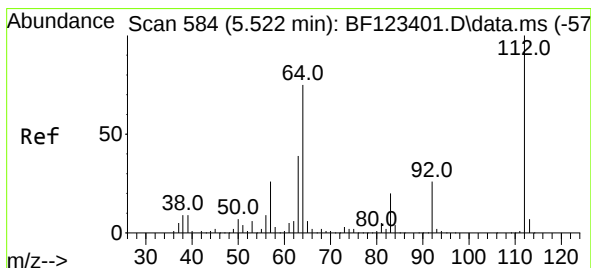
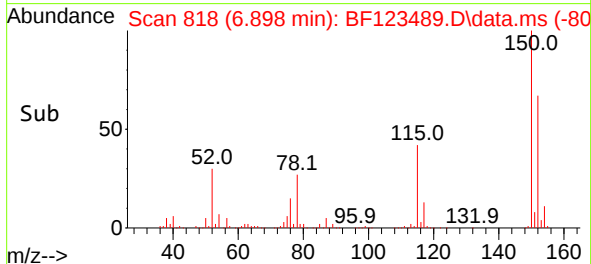
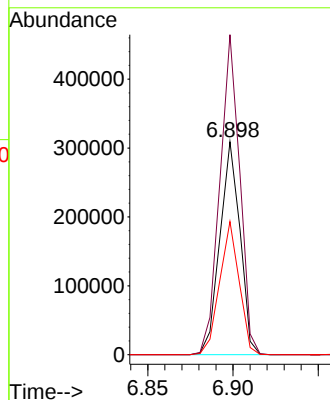
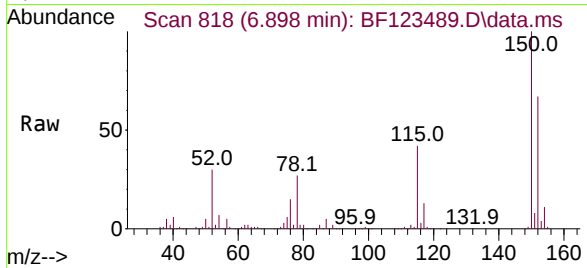




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

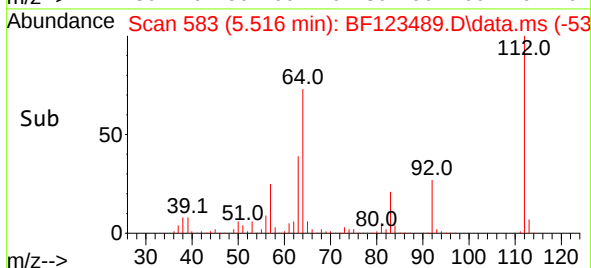
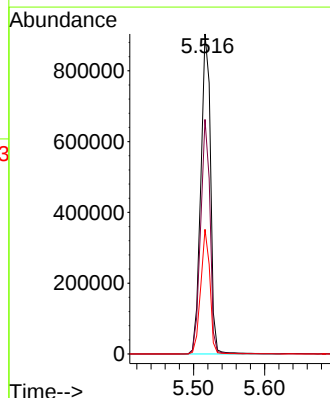
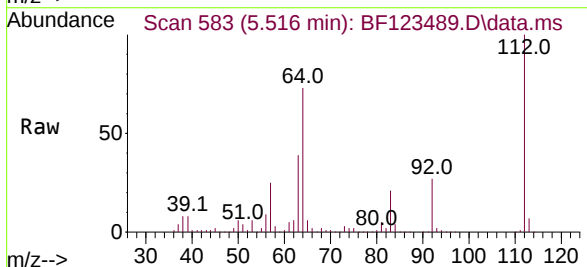
Instrument :
BNA_F
ClientSampleId :
MW-103I

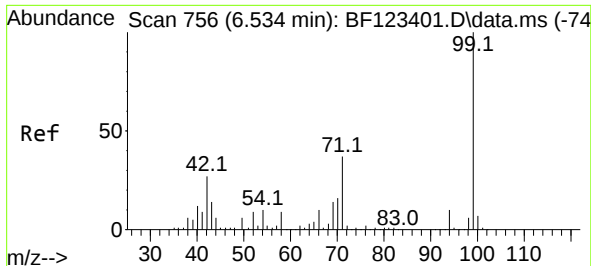
Tgt Ion:152 Resp: 253841
Ion Ratio Lower Upper
152 100
150 150.3 125.8 188.6
115 62.5 49.3 73.9



#5
2-Fluorophenol
Concen: 55.88 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

Tgt Ion:112 Resp: 866986
Ion Ratio Lower Upper
112 100
64 73.3 46.9 70.3#
63 38.9 24.5 36.7#

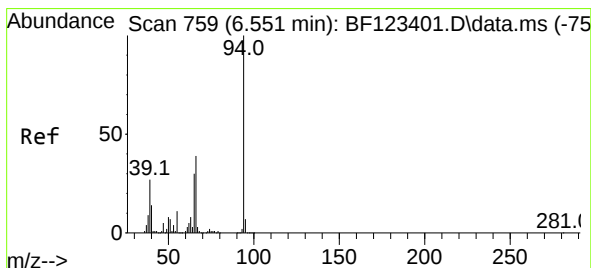
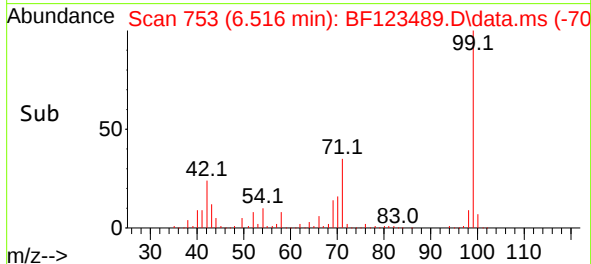
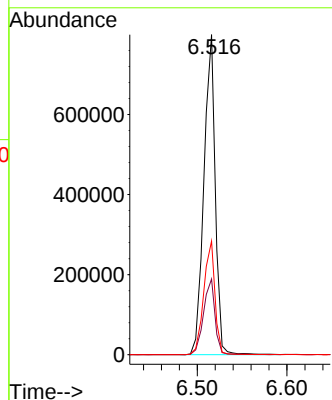
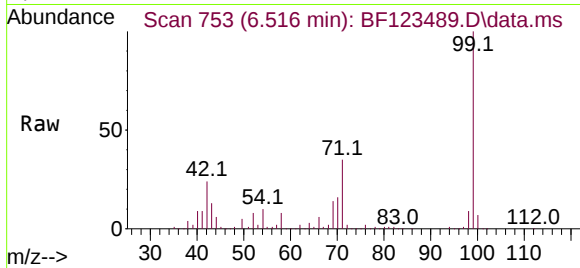




#7
Phenol-d6
Concen: 34.05 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

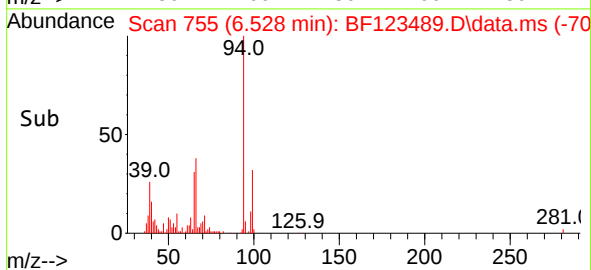
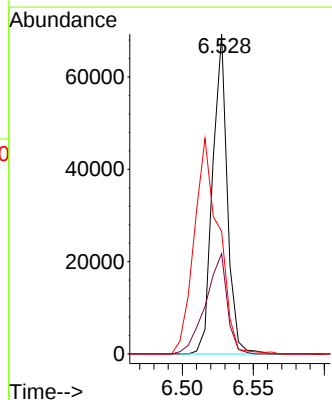
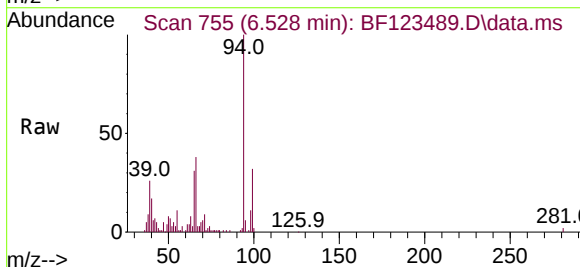
Instrument :
BNA_F
ClientSampleId :
MW-103I

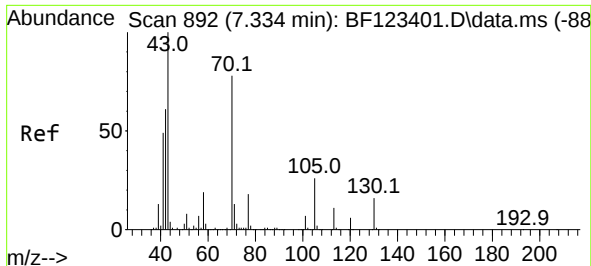
Tgt Ion: 99 Resp: 703324
Ion Ratio Lower Upper
99 100
42 23.7 13.8 20.6#
71 35.5 26.9 40.3



#10
Phenol
Concen: 2.36 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

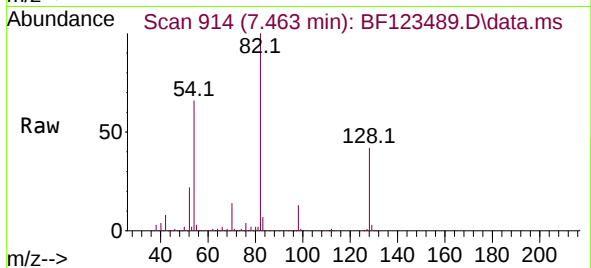
Tgt Ion: 94 Resp: 49930
Ion Ratio Lower Upper
94 100
65 31.4 11.2 51.2
66 38.3 25.8 65.8



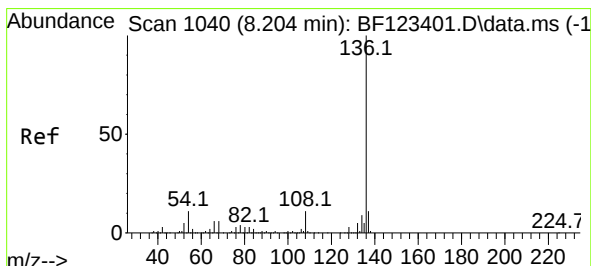
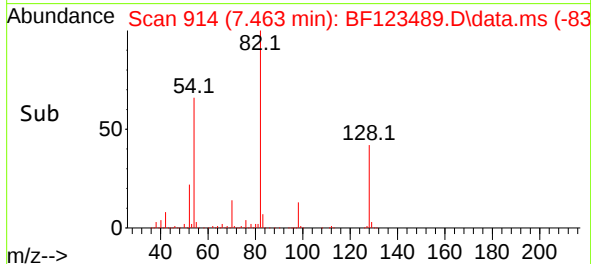
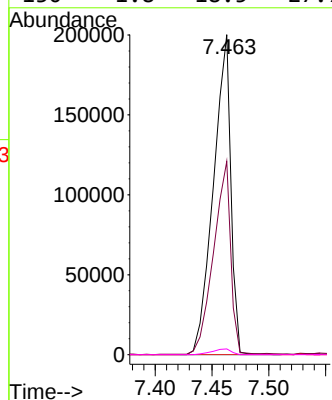


#19
n-Nitroso-di-n-propylamine
Concen: 15.94 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

Instrument :
BNA_F
ClientSampleId :
MW-103I

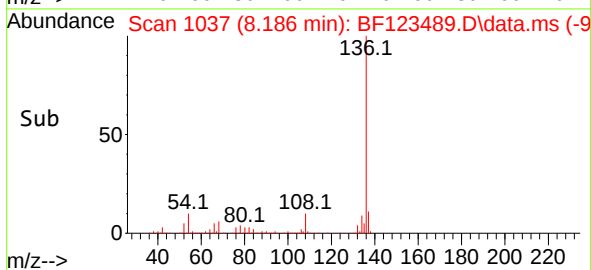
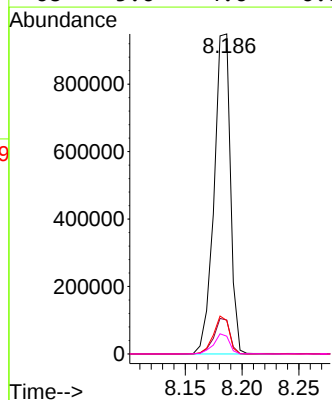
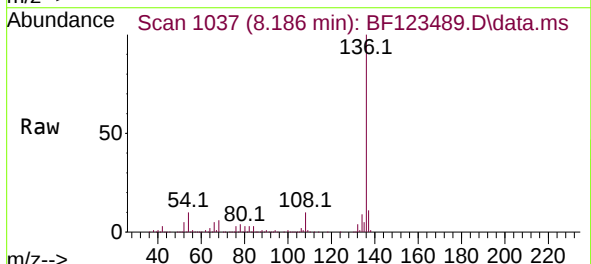


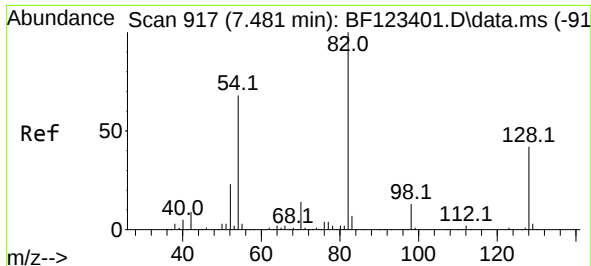
Tgt Ion: 70 Resp: 212951
Ion Ratio Lower Upper
70 100
42 60.4 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

Tgt Ion: 136 Resp: 950081
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.5 5.5 8.3#
68 5.6 4.6 6.8

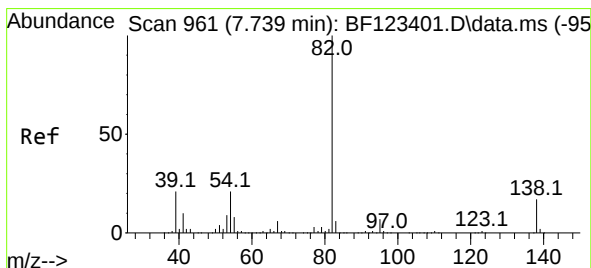
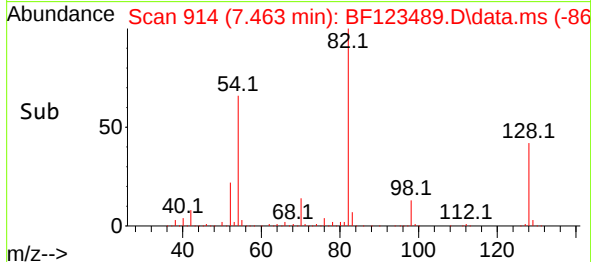
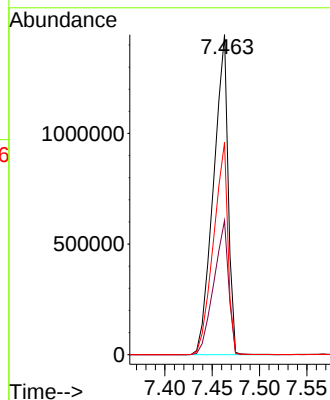
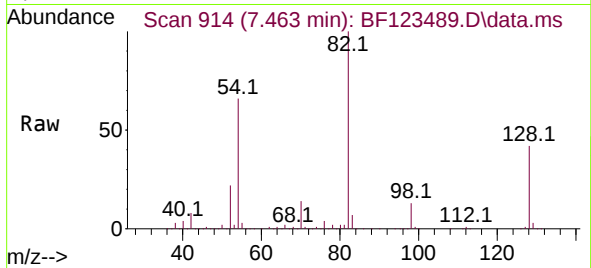




#23
Nitrobenzene-d5
Concen: 88.15 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

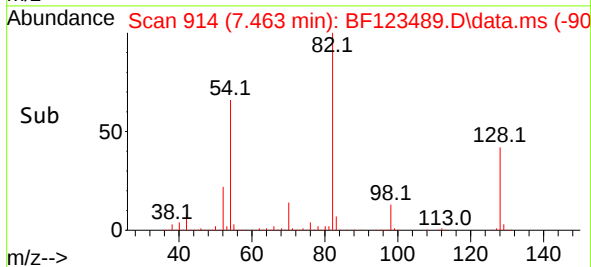
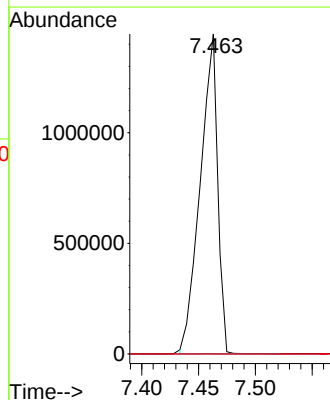
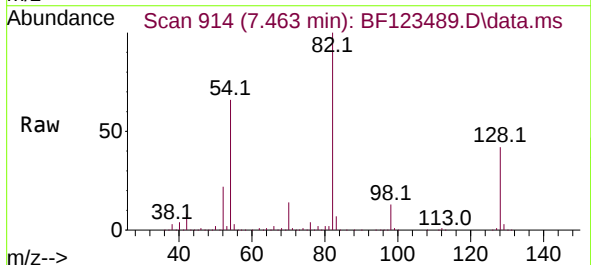
Instrument :
BNA_F
ClientSampleId :
MW-103I

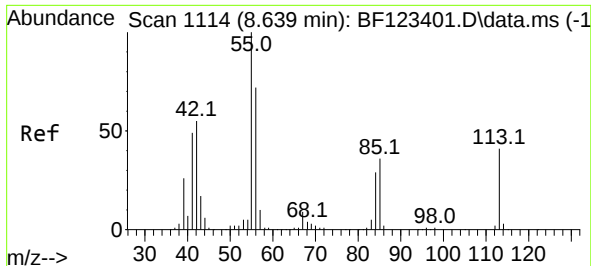
Tgt Ion: 82 Resp: 1551731
Ion Ratio Lower Upper
82 100
128 41.9 37.0 55.4
54 66.3 38.4 57.6#



#25
Isophorone
Concen: 40.70 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

Tgt Ion: 82 Resp: 1540194
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

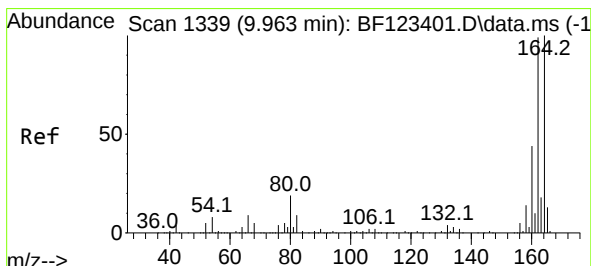
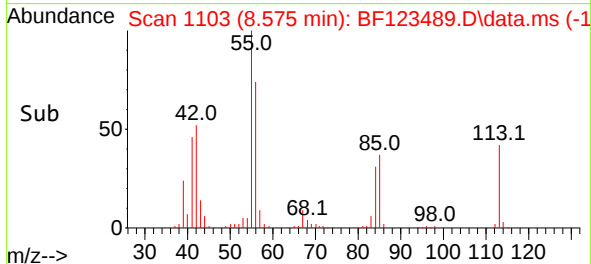
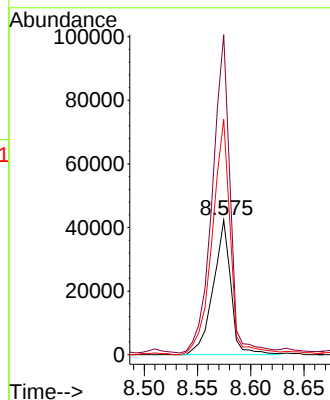
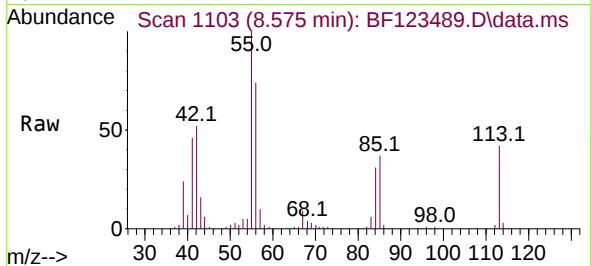




#35
Caprolactam
Concen: 10.66 ng
RT: 8.575 min Scan# 1103
Delta R.T. -0.047 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

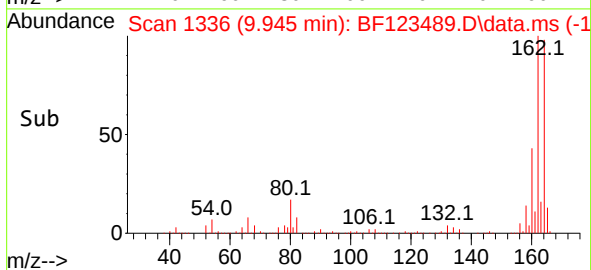
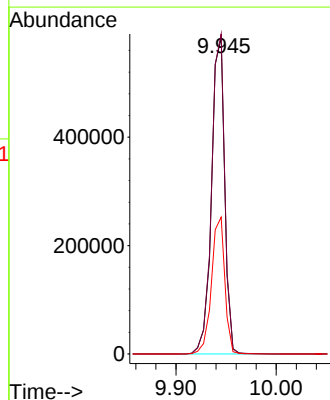
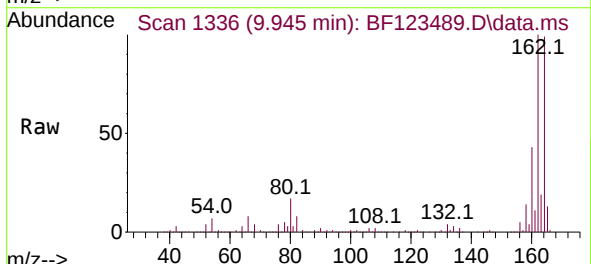
Instrument :
BNA_F
ClientSampleId :
MW-103I

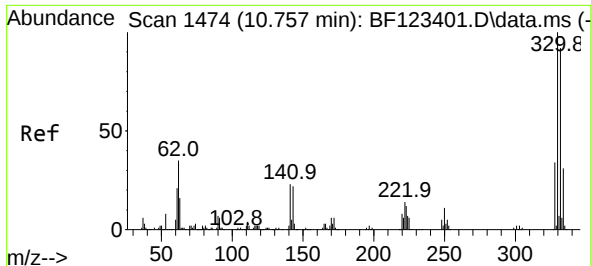
Tgt Ion:113 Resp: 48652
Ion Ratio Lower Upper
113 100
55 237.8 133.7 173.7#
56 174.9 95.3 135.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

Tgt Ion:164 Resp: 531854
Ion Ratio Lower Upper
164 100
162 101.2 80.8 121.2
160 43.3 35.4 53.0

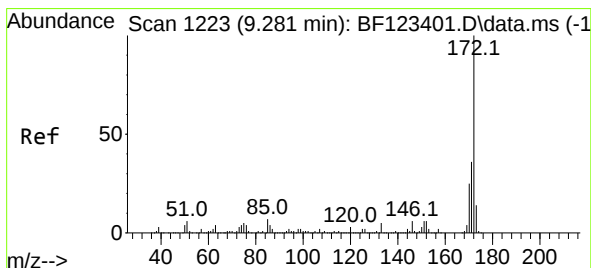
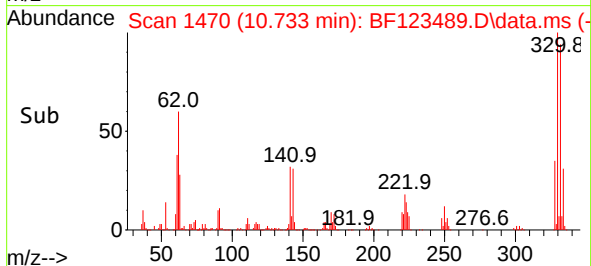
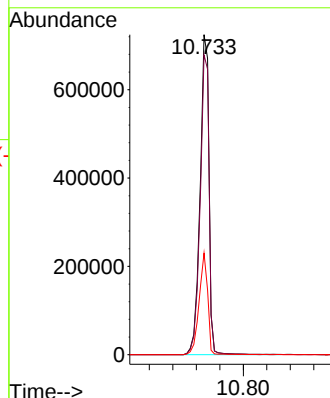
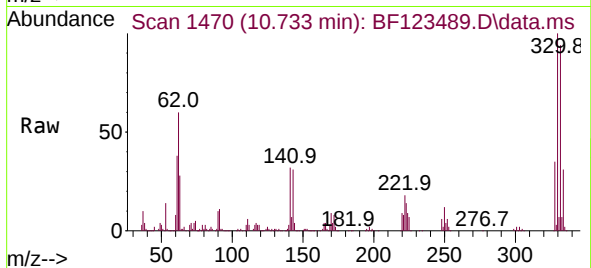




#42
2,4,6-Tribromophenol
Concen: 128.01 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

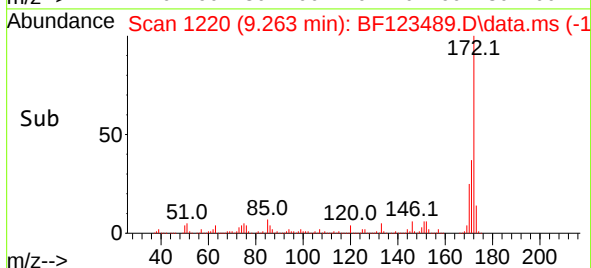
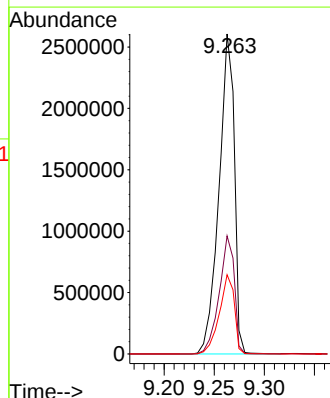
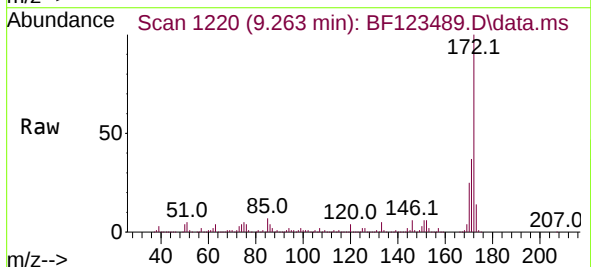
Instrument :
BNA_F
ClientSampleId :
MW-103I

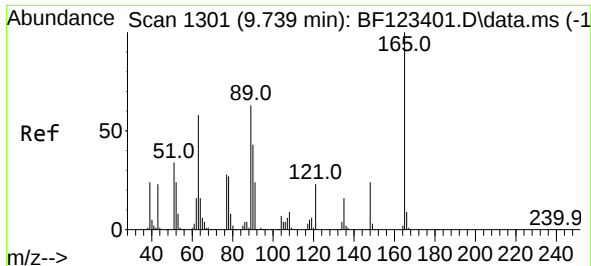
Tgt Ion: 330 Resp: 761173
Ion Ratio Lower Upper
330 100
332 94.2 77.5 116.3
141 30.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 74.56 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

Tgt Ion: 172 Resp: 2775643
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.7 19.5 29.3

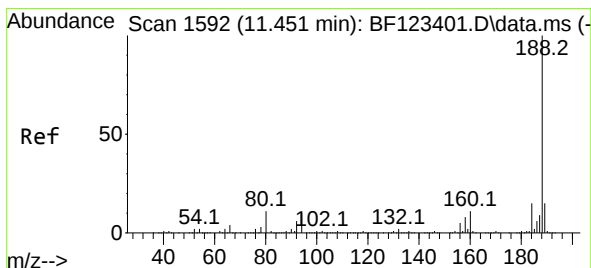
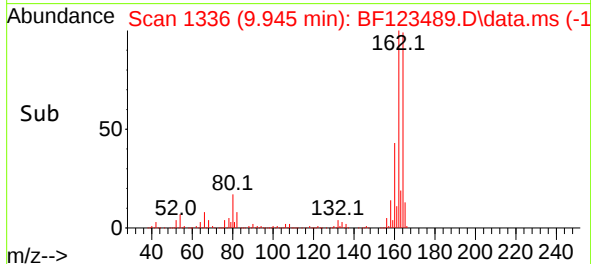
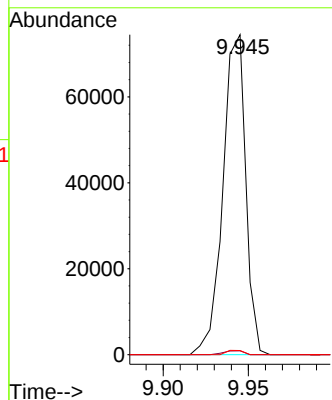
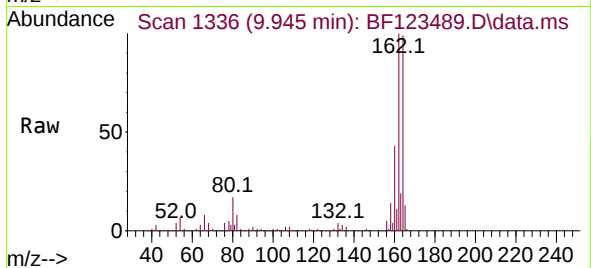




#51
2,6-Dinitrotoluene
Concen: 8.78 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.218 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

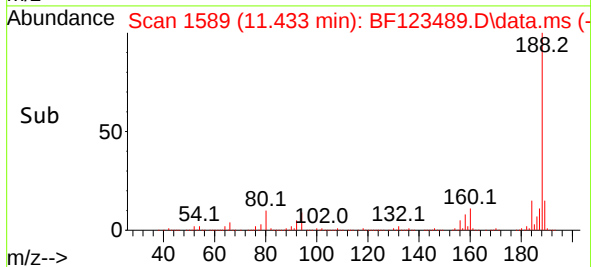
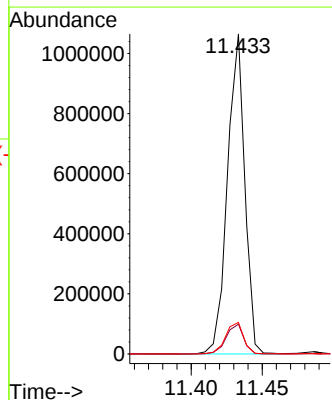
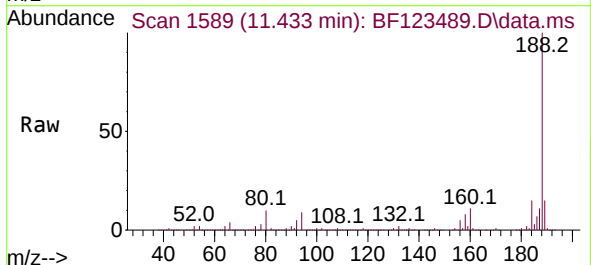
Instrument :
BNA_F
ClientSampleId :
MW-103I

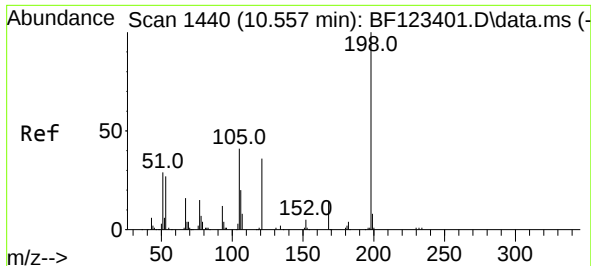
Tgt Ion:165 Resp: 69322
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.3 39.4 59.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

Tgt Ion:188 Resp: 900680
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.9 8.2 12.4

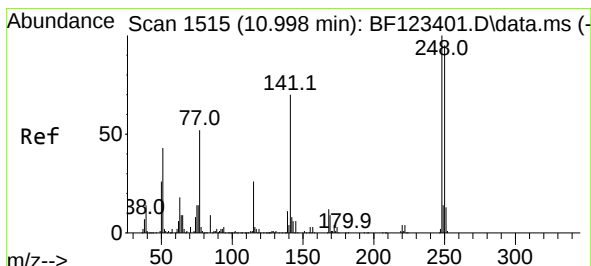
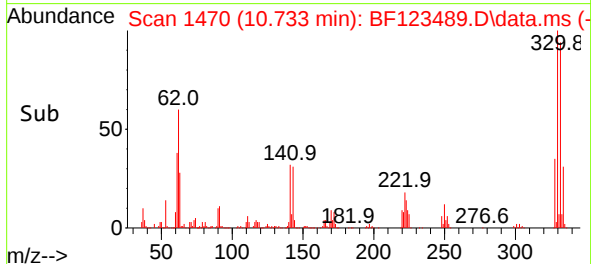
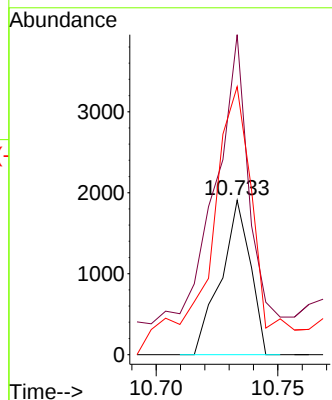
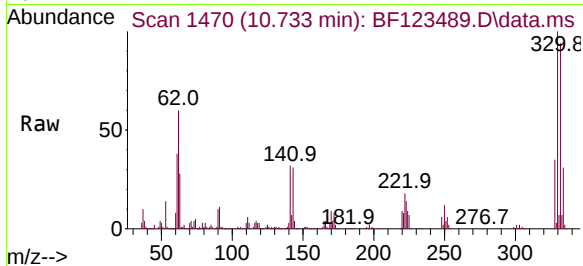




#65
4,6-Dinitro-2-methylphenol
Concen: 5.42 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

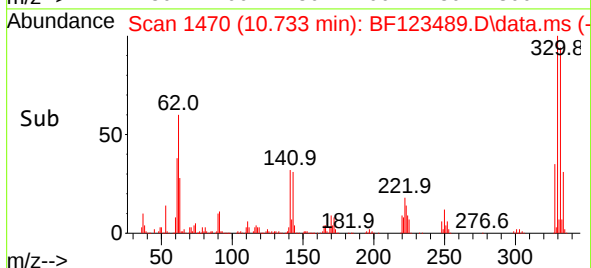
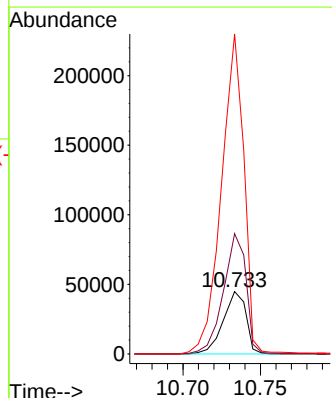
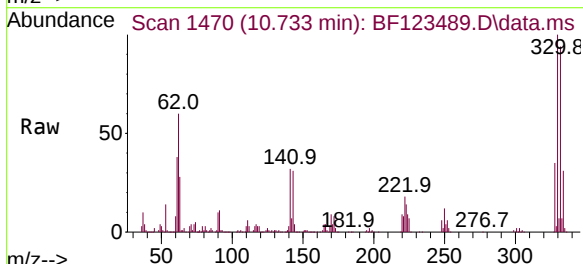
Instrument :
BNA_F
ClientSampled :
MW-103I

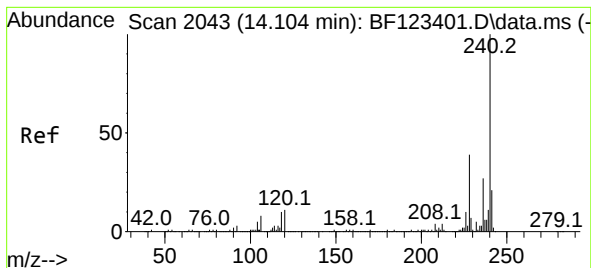
Tgt Ion:198 Resp: 1606
Ion Ratio Lower Upper
198 100
51 207.2 20.3 60.3#
105 173.5 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

Tgt Ion:248 Resp: 45885
Ion Ratio Lower Upper
248 100
250 192.9 76.8 115.2#
141 512.6 59.8 89.8#

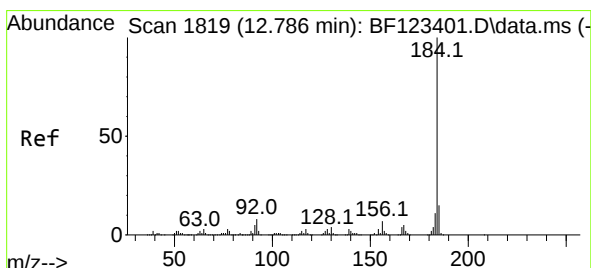
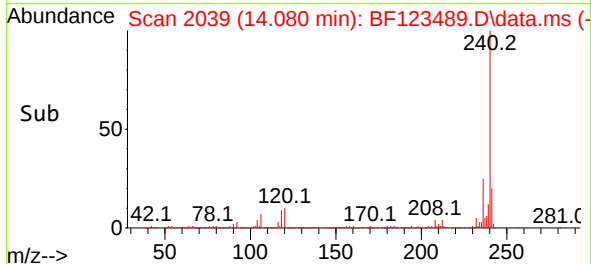
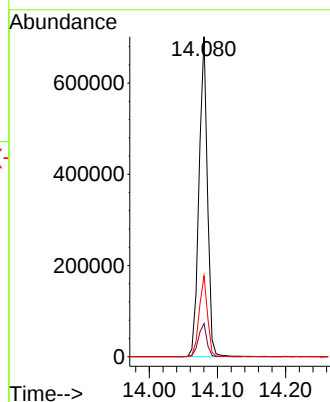
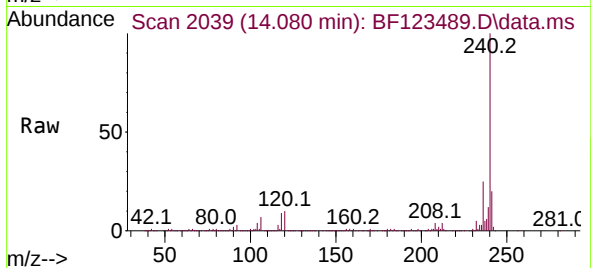




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

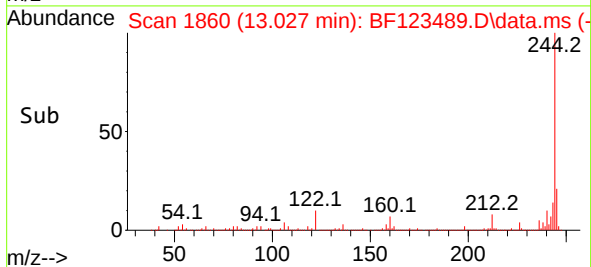
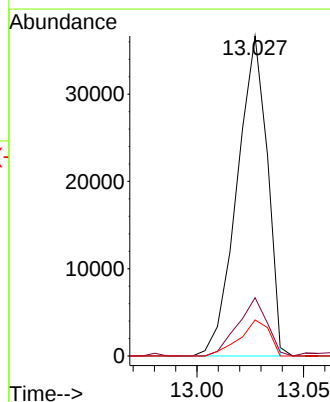
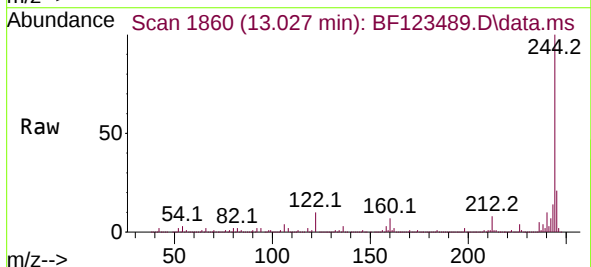
Instrument :
BNA_F
ClientSampleId :
MW-103I

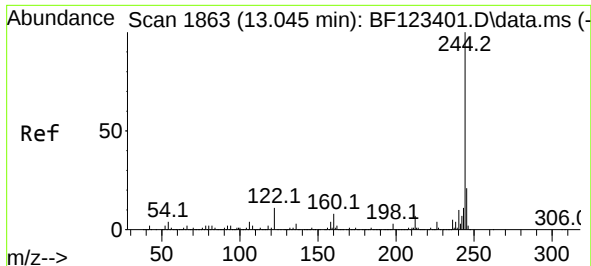
Tgt Ion:240 Resp: 601075
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.2 20.3 30.5



#77
Benzidine
Concen: 2.02 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

Tgt Ion:184 Resp: 36210
Ion Ratio Lower Upper
184 100
185 18.2 11.8 17.6#
183 11.2 9.7 14.5

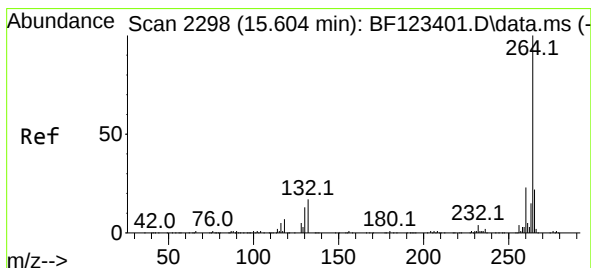
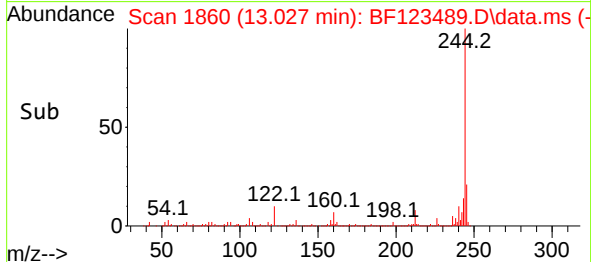
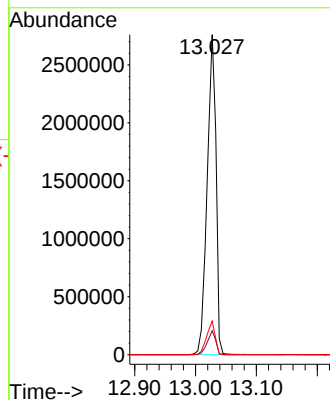
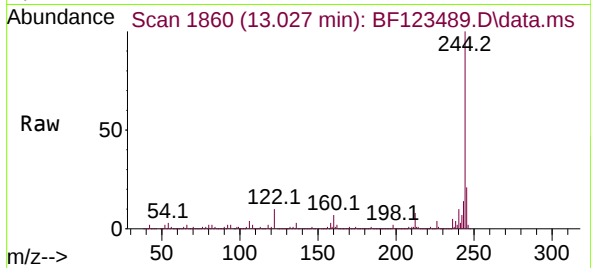




#79
Terphenyl-d14
Concen: 78.52 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123489.D
Acq: 26 Mar 2021 16:42

Instrument :
BNA_F
ClientSampleId :
MW-103I

Tgt Ion:244 Resp: 2784858
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.5 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: BF123489.D
Acq: 26 Mar 2021 16:42

Tgt Ion:264 Resp: 467263
Ion Ratio Lower Upper
264 100
260 22.4 18.6 28.0
265 21.0 17.0 25.6

