

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020321\
 Data File : BF123104.D
 Acq On : 3 Feb 2021 15:14
 Operator : JU/CG
 Sample : M1292-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU421-003-0510

Quant Time: Feb 03 15:39:22 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)

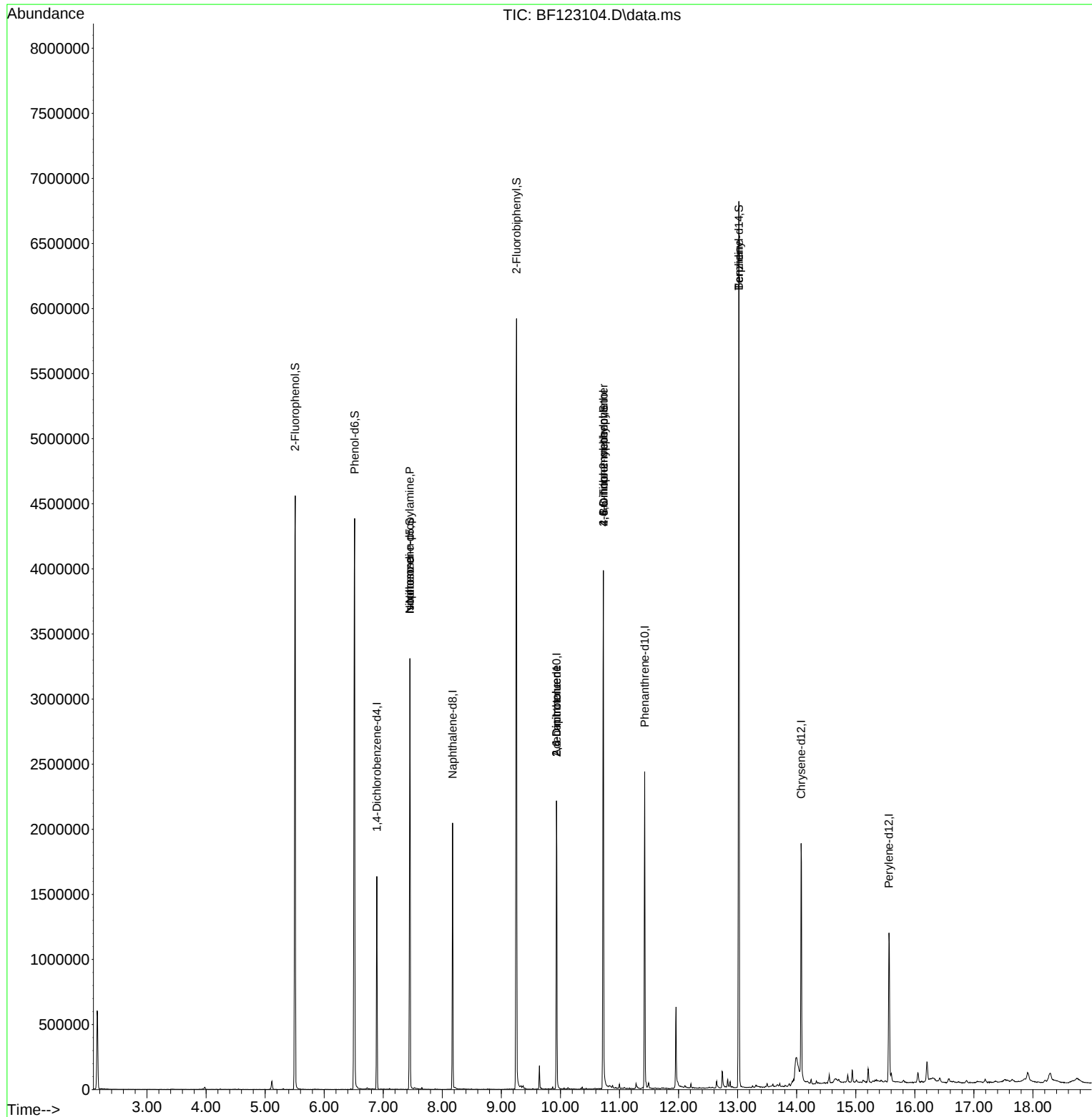
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	212632	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	821542	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	446186	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	826186	20.00	ng	0.00
76) Chrysene-d12	14.074	240	642057	20.00	ng	#-0.01
86) Perylene-d12	15.562	264	536132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1351307	98.03	ng	0.00
7) Phenol-d6	6.516	99	1690588	90.48	ng	0.00
23) Nitrobenzene-d5	7.451	82	1057357	64.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	507558	104.79	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1905178	63.47	ng	0.00
79) Terphenyl-d14	13.021	244	2197375	67.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	140334	12.49	ng	# 81
25) Isophorone	7.451	82	1057346	35.36	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	57615	7.73	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	57616	5.94	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1172	5.21	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	32657	3.10	ng	# 1
77) Benzidine	13.021	184	29500	2.03	ng	# 94

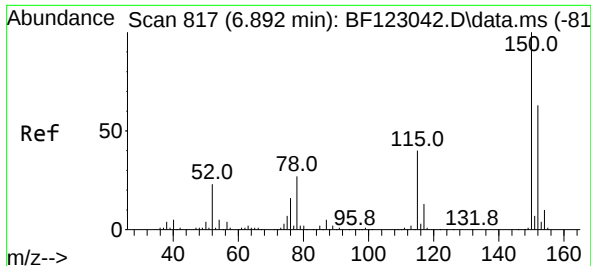
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

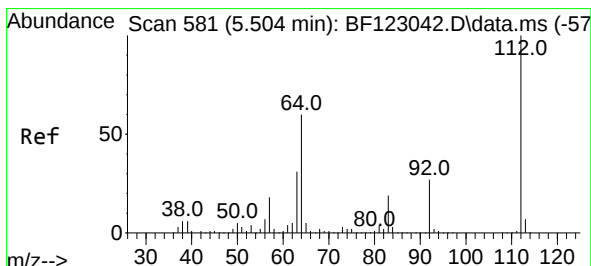
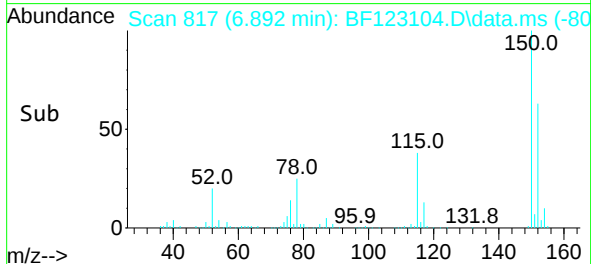
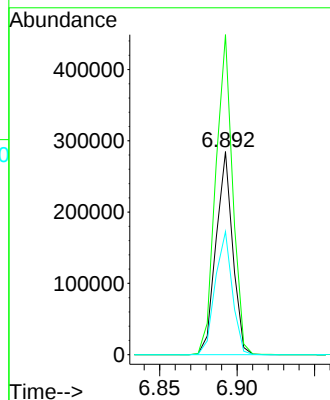
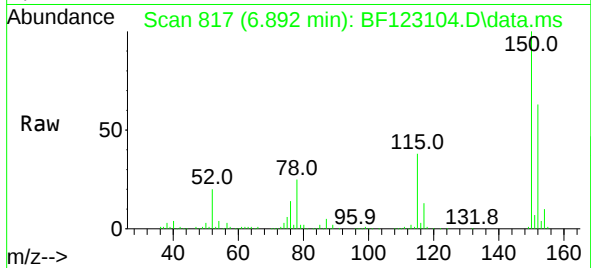




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123104.D
 Acq: 3 Feb 2021 15:14

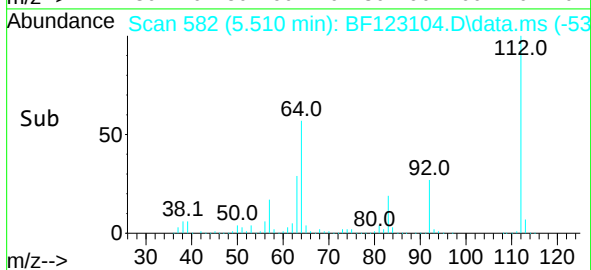
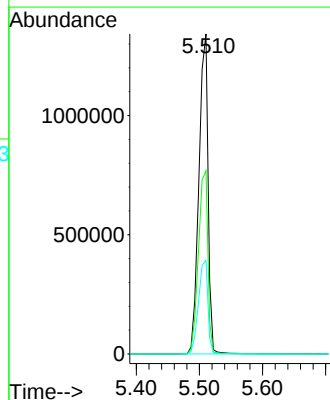
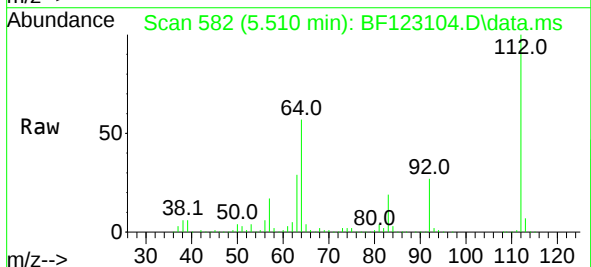
Instrument :
 BNA_F
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 OU421-003-0510

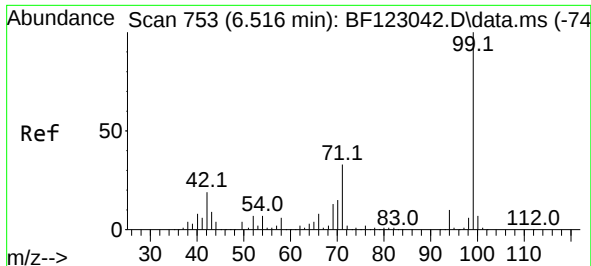
Tgt Ion:152 Resp: 212632
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.8 188.6
 115 60.6 49.3 73.9



#5
 2-Fluorophenol
 Concen: 98.03 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF123104.D
 Acq: 3 Feb 2021 15:14

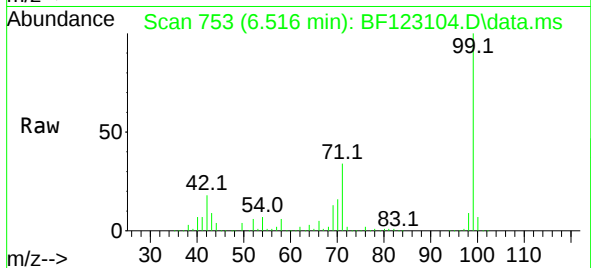
Tgt Ion:112 Resp: 1351307
 Ion Ratio Lower Upper
 112 100
 64 57.3 46.9 70.3
 63 29.2 24.5 36.7





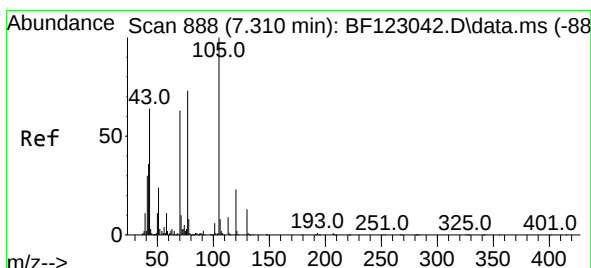
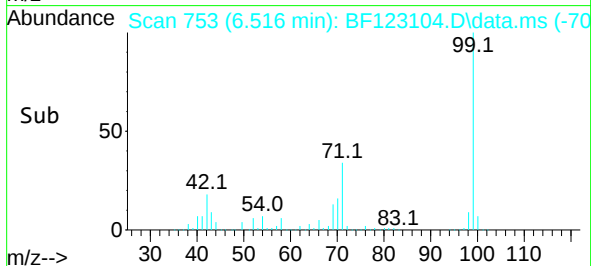
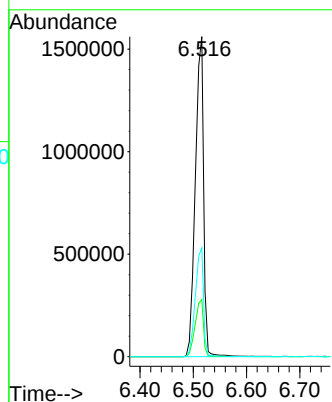
#7
Phenol-d6
Concen: 90.48 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

Instrument :
BNA_F
ClientSampleId :
OU421-003-0510

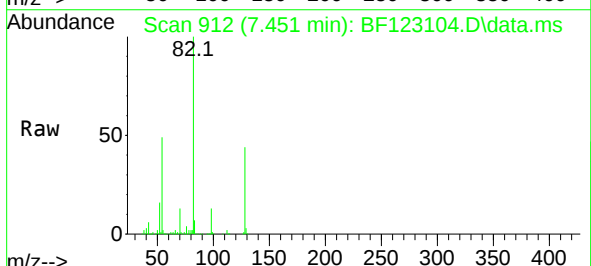


Tgt Ion: 99 Resp: 1690588

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.8	20.6
71	34.0	26.9	40.3

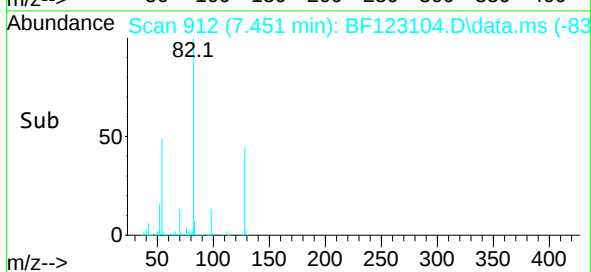
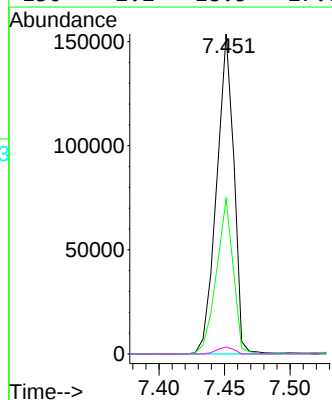


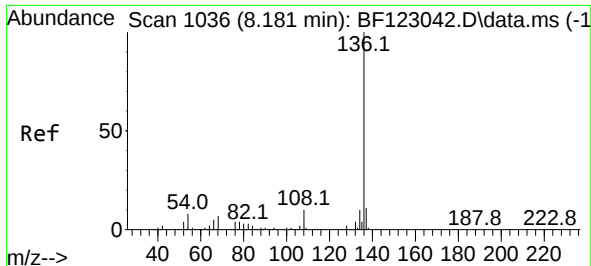
#19
n-Nitroso-di-n-propylamine
Concen: 12.49 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14



Tgt Ion: 70 Resp: 140334

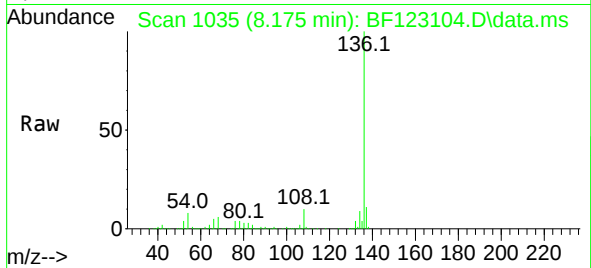
Ion	Ratio	Lower	Upper
70	100		
42	48.5	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#



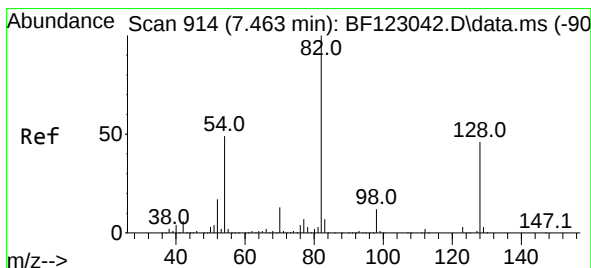
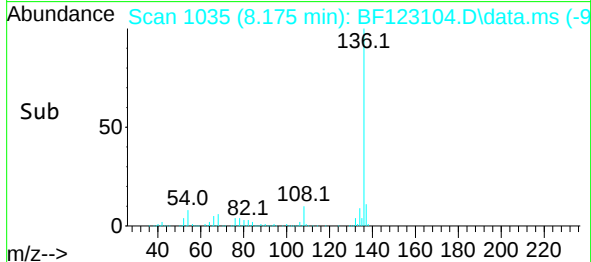
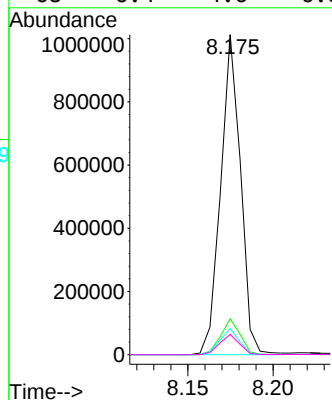


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

Instrument :
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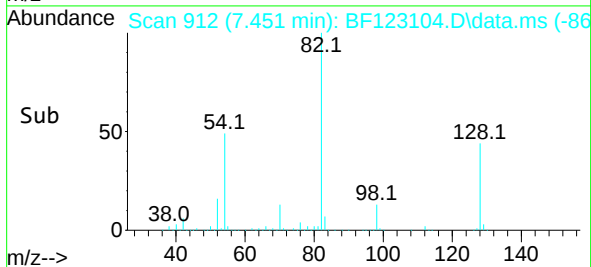
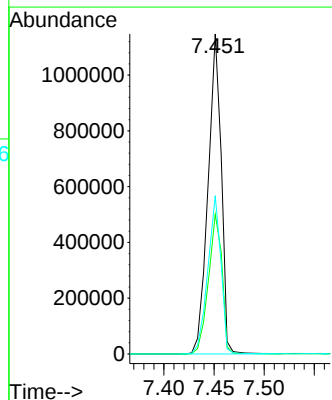
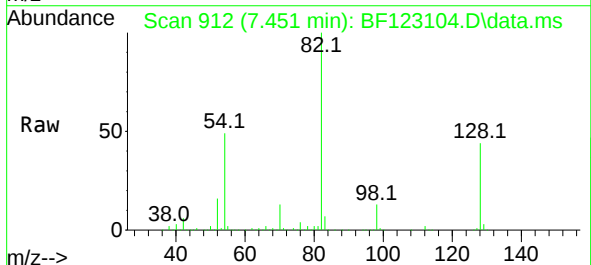


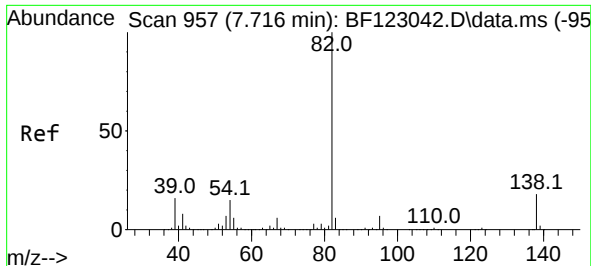
Tgt	Ion:136	Resp:	821542
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.2	5.5	8.3
68	6.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 64.77 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

Tgt Ion: 82		Resp: 1057357	
Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.0	55.4
54	49.4	38.4	57.6

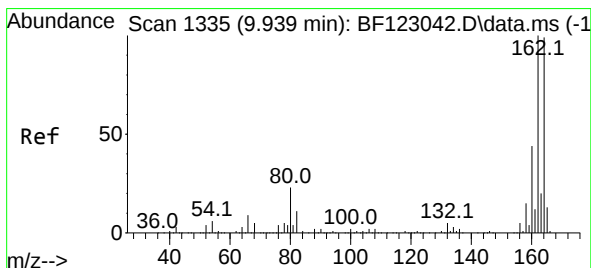
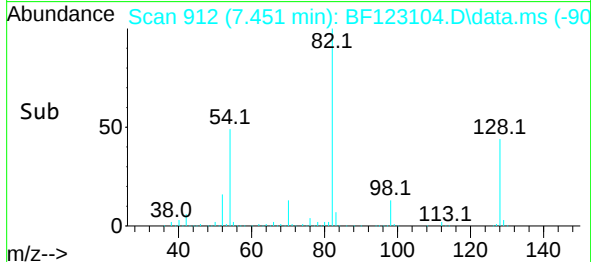
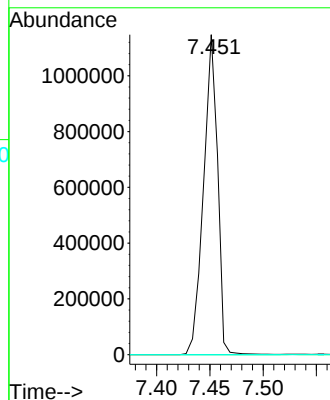
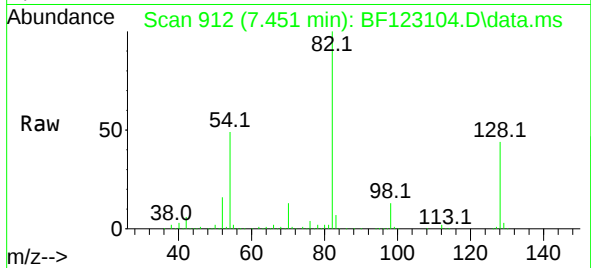




#25
Isophorone
Concen: 35.36 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

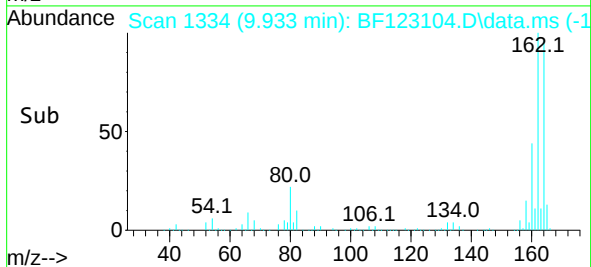
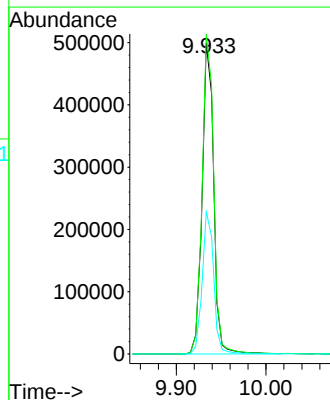
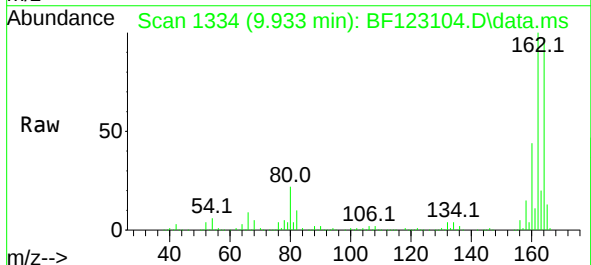
Instrument :
BNA_F
ClientSampleId :
OU421-003-0510

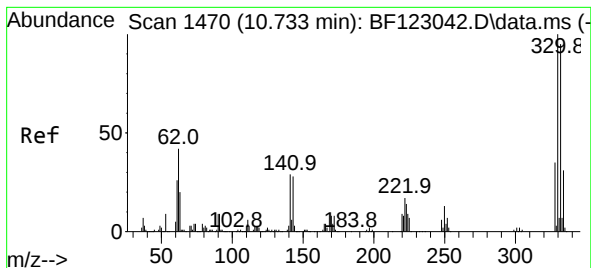
Tgt Ion: 82 Resp: 1057346
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

Tgt Ion: 164 Resp: 446186
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 45.7 35.4 53.0

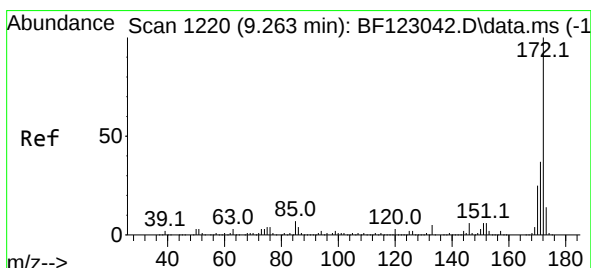
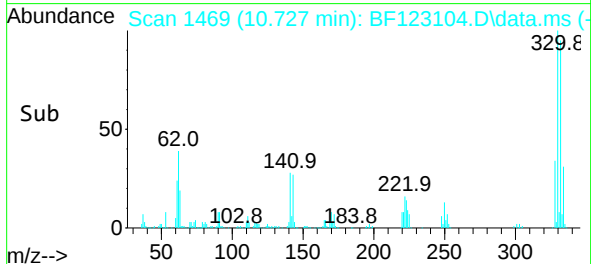
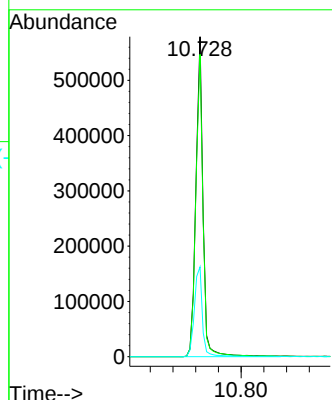
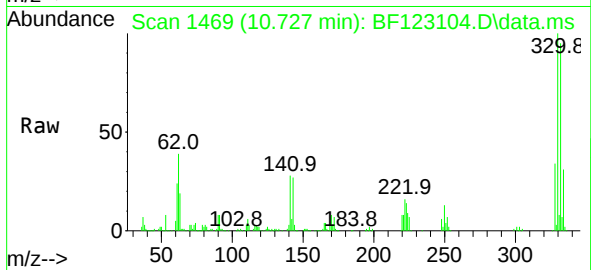




#42
2,4,6-Tribromophenol
Concen: 104.79 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

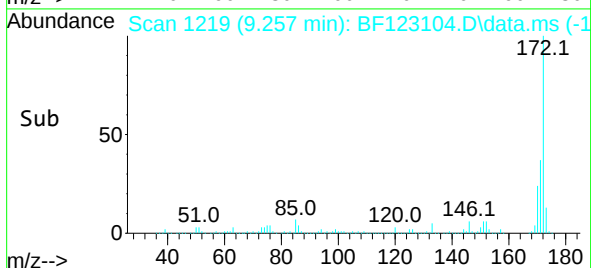
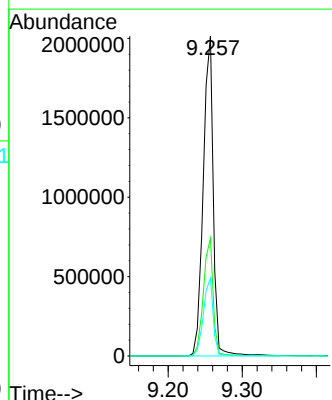
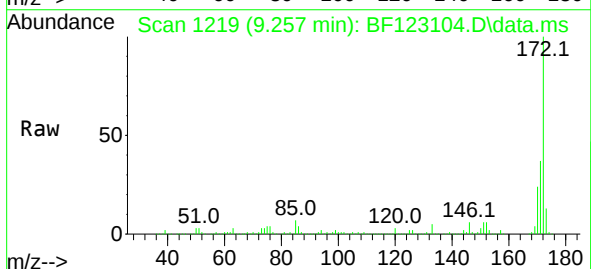
Instrument :
BNA_F
ClientSampleId :
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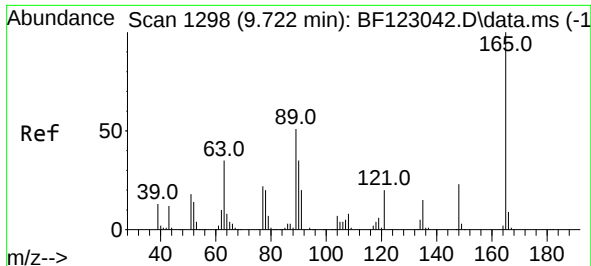
Tgt Ion:330 Resp: 507558
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 31.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 63.47 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

Tgt Ion:172 Resp: 1905178
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.4 19.5 29.3

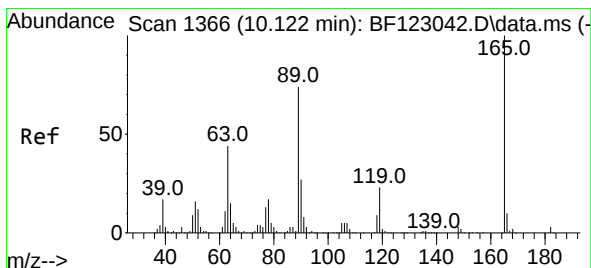
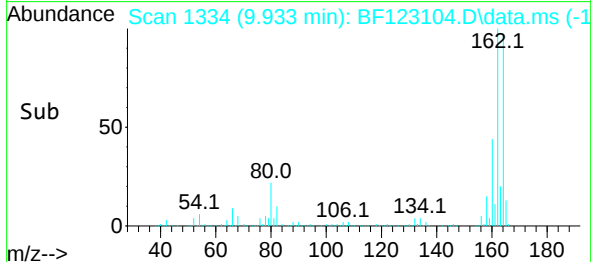
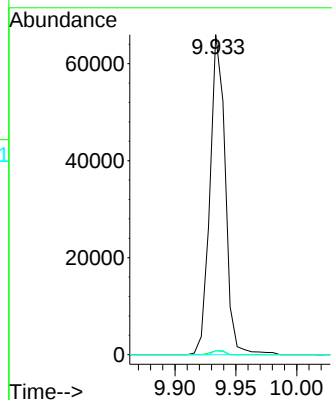
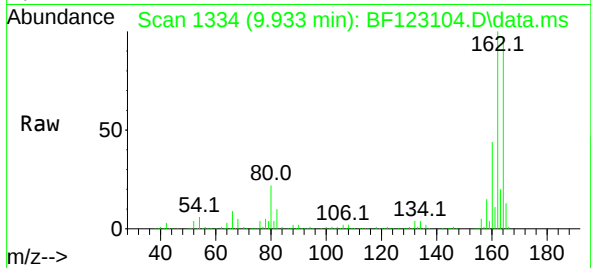




#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

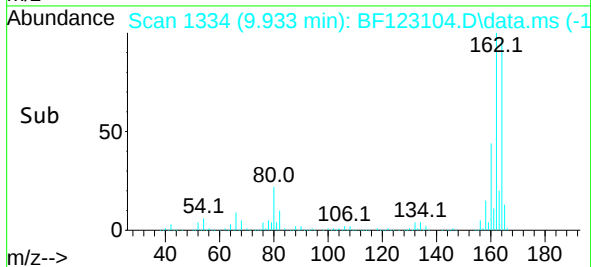
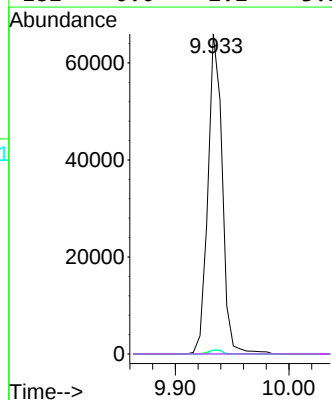
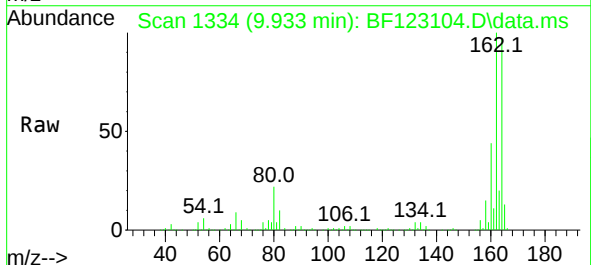
Instrument :
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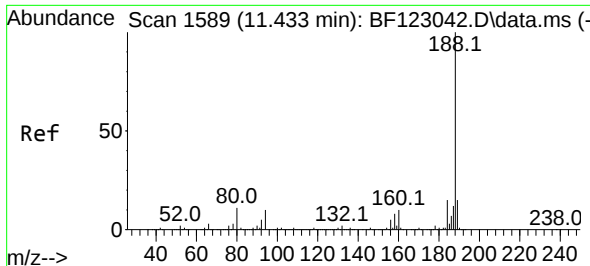
Tgt Ion:165 Resp: 57615
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

Tgt Ion:165 Resp: 57616
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

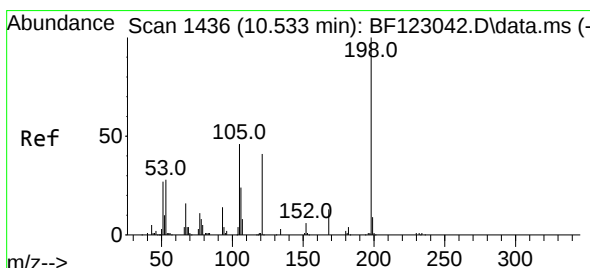
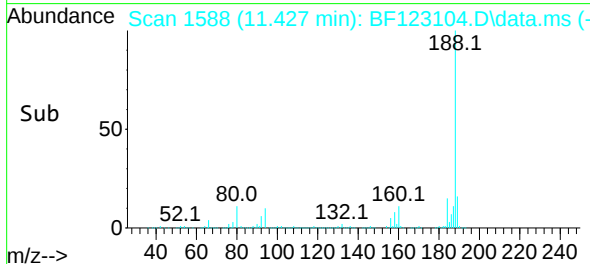
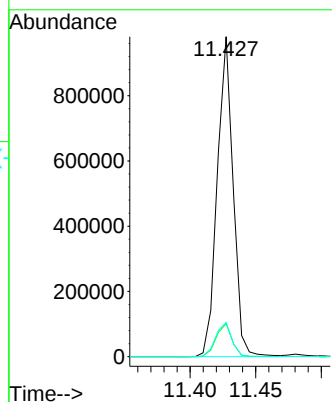
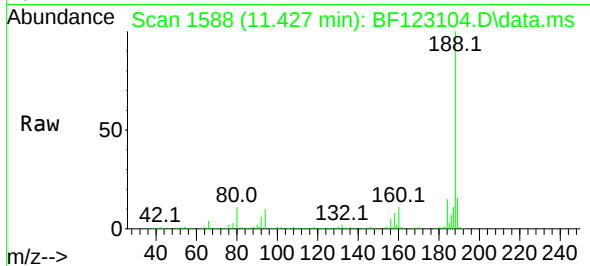




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

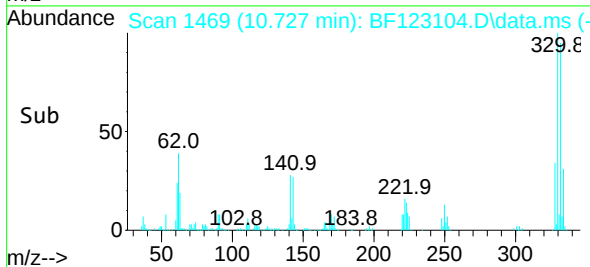
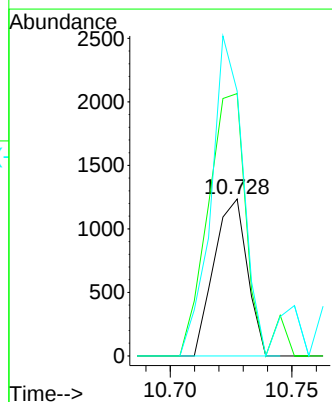
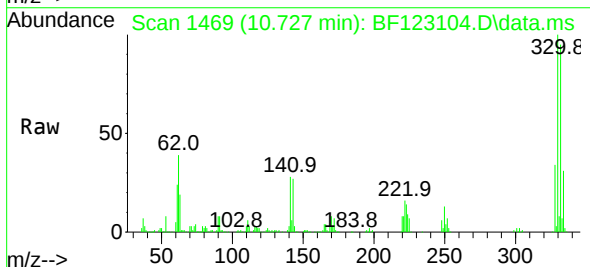
Instrument :
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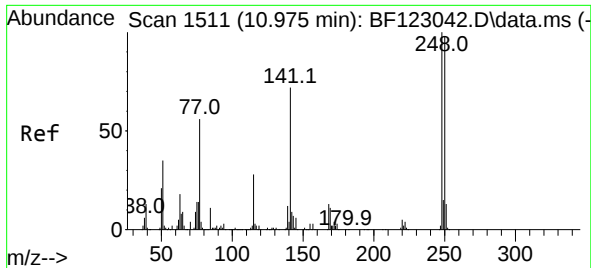
Tgt Ion:188 Resp: 826186
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 10.7 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.21 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

Tgt Ion:198 Resp: 1172
Ion Ratio Lower Upper
198 100
51 167.3 20.3 60.3#
105 168.7 23.0 63.0#

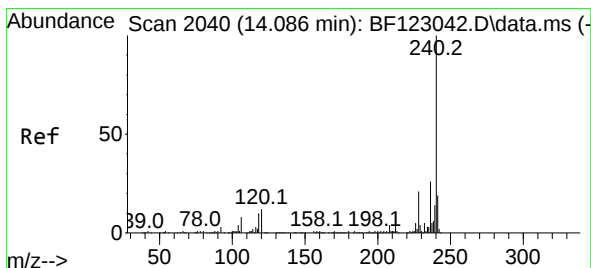
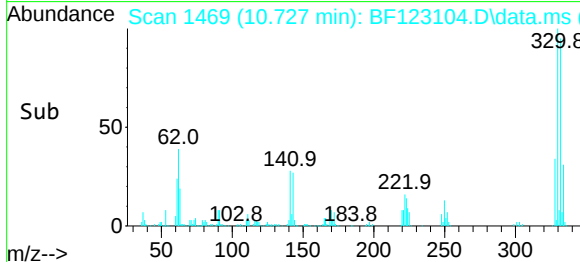
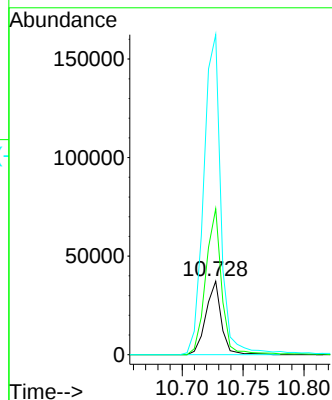
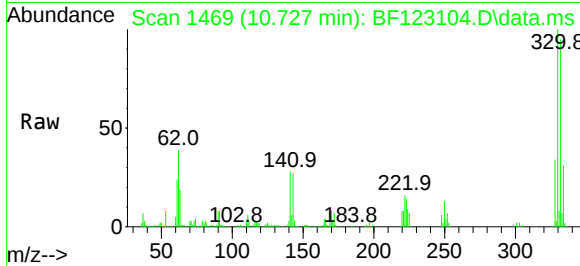




#67
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

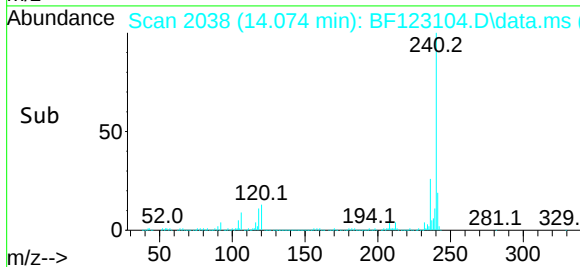
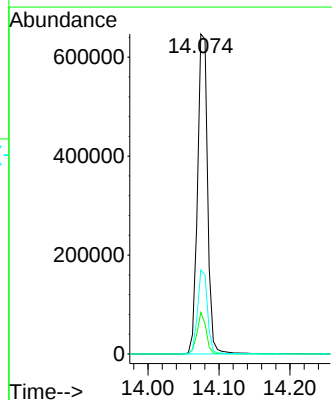
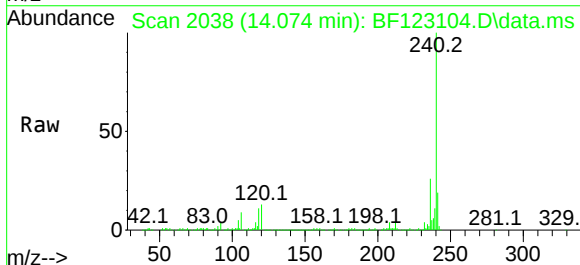
Instrument :
BNA_F
ClientSampleId :
OU421-003-0510

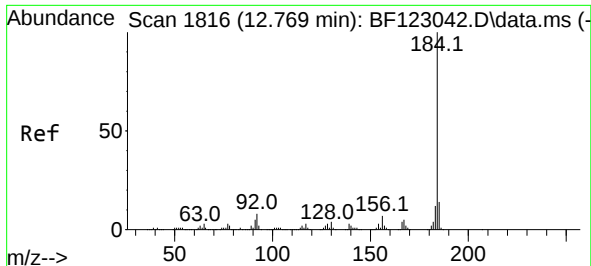
Tgt Ion:248 Resp: 32657
Ion Ratio Lower Upper
248 100
250 198.9 76.8 115.2#
141 436.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

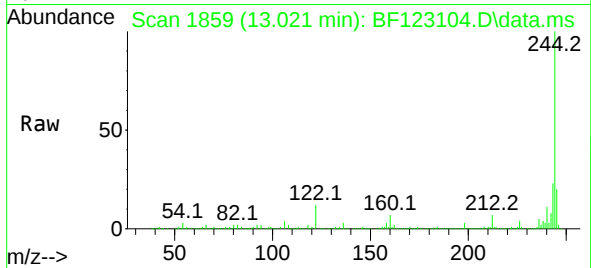
Tgt Ion:240 Resp: 642057
Ion Ratio Lower Upper
240 100
120 13.0 8.6 12.8#
236 26.2 20.3 30.5



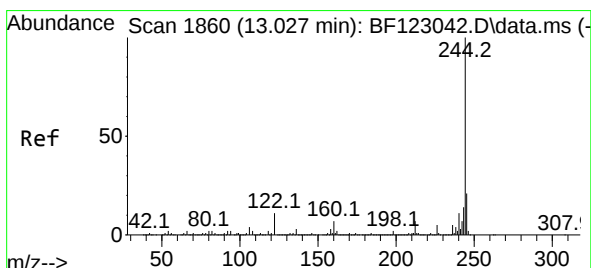
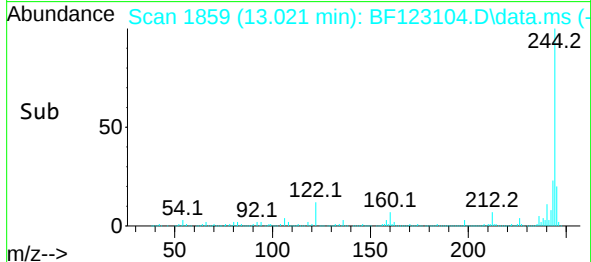
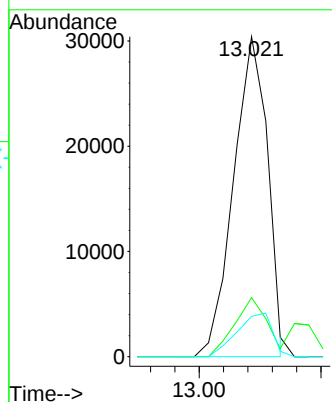


#77
Benzidine
Concen: 2.03 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.253 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

Instrument :
BNA_F
ClientSampleId :
OU421-003-0510

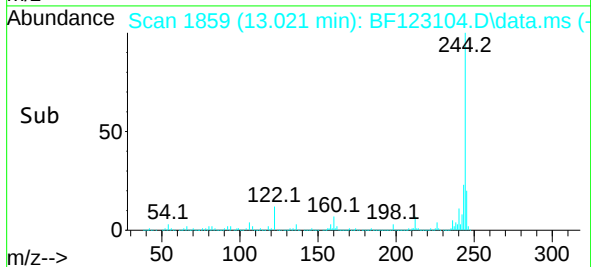
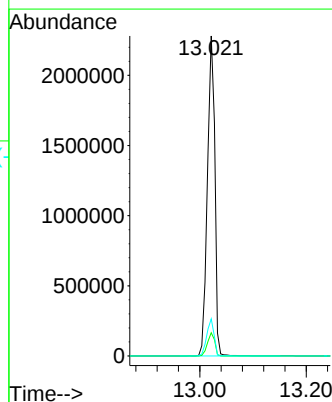
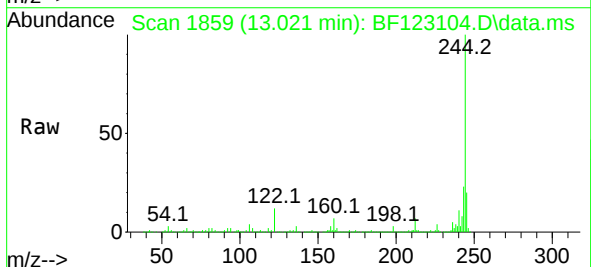


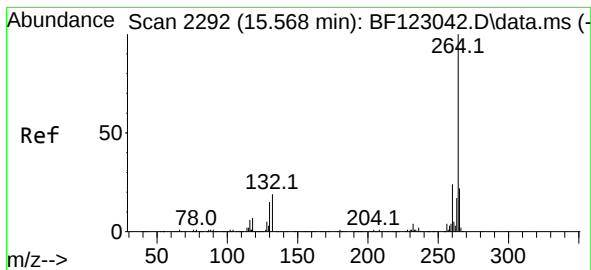
Tgt Ion:184 Resp: 29500
Ion Ratio Lower Upper
184 100
185 18.4 11.8 17.6#
183 12.6 9.7 14.5



#79
Terphenyl-d14
Concen: 67.24 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123104.D
Acq: 3 Feb 2021 15:14

Tgt Ion:244 Resp: 2197375
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123104.D
 Acq: 3 Feb 2021 15:14

Instrument :
 BNA_F
 ClientSampleId :
 OU421-003-0510

Tgt Ion:264 Resp: 536132
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 28.0
 265 21.5 17.0 25.6

