

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123525.D
 Acq On : 30 Mar 2021 17:09
 Operator : JU/CG
 Sample : M1832-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IG001

Quant Time: Mar 30 17:47:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 30 11:51:25 2021
 Response via : Initial Calibration

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

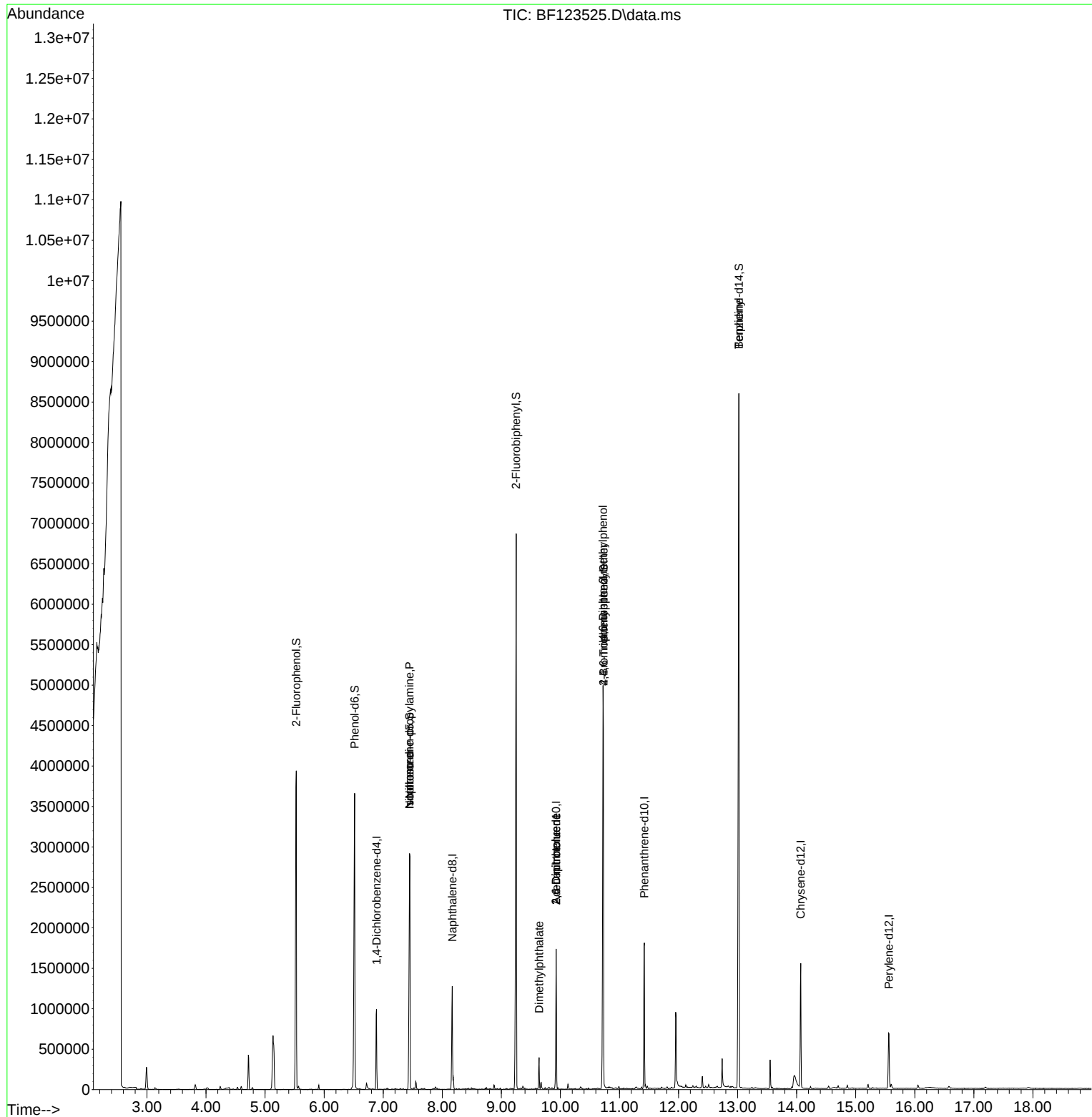
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	138350	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	532909	20.00	ng	# 0.00
39) Acenaphthene-d10	9.928	164	333614	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	667614	20.00	ng	# 0.00
76) Chrysene-d12	14.069	240	527011	20.00	ng	# 0.00
86) Perylene-d12	15.563	264	348980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1034981	122.38	ng	0.02
7) Phenol-d6	6.516	99	1152502	102.37	ng	0.00
23) Nitrobenzene-d5	7.445	82	1078098	109.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	716511	192.11	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2155614	92.31	ng	0.00
79) Terphenyl-d14	13.022	244	3152703	101.38	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	305	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.445	70	156431	21.48	ng	# 78
25) Isophorone	7.445	82	1066785	50.25	ng	# 65
50) Dimethylphthalate	9.639	163	131586	5.55	ng	99
51) 2,6-Dinitrotoluene	9.928	165	41625	8.41	ng	# 32
57) 2,4-Dinitrotoluene	9.928	165	41625	6.74	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.722	198	1469	5.49	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	41410	5.24	ng	# 1
77) Benzidine	13.022	184	44501	2.83	ng	96

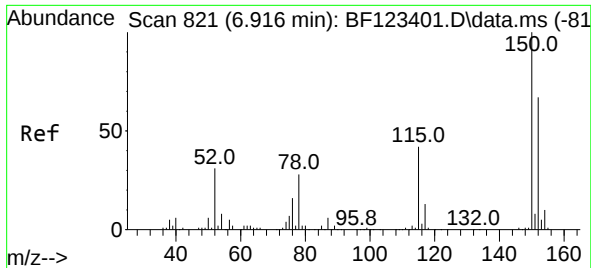
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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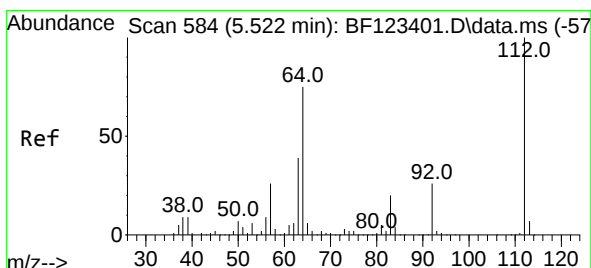
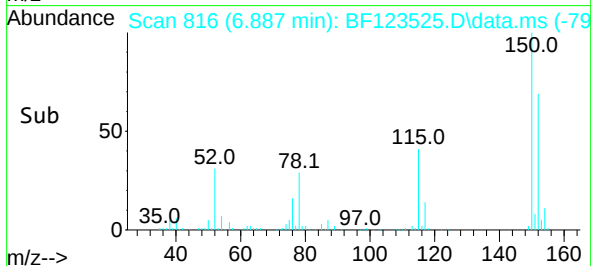
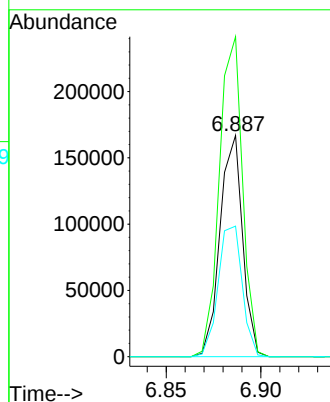
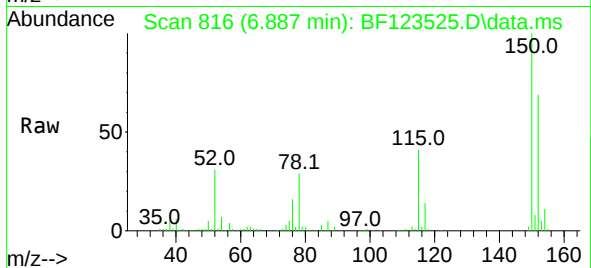




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

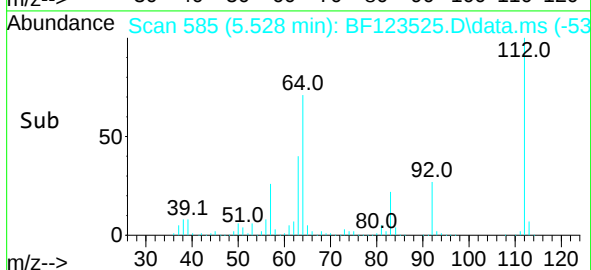
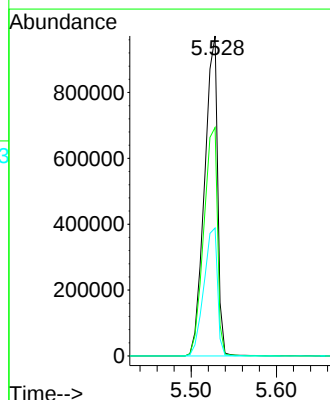
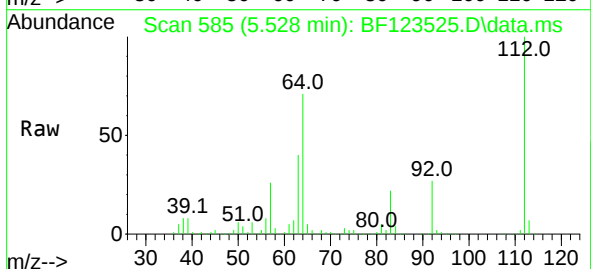
Instrument :
BNA_F
ClientSampleId :
IG001

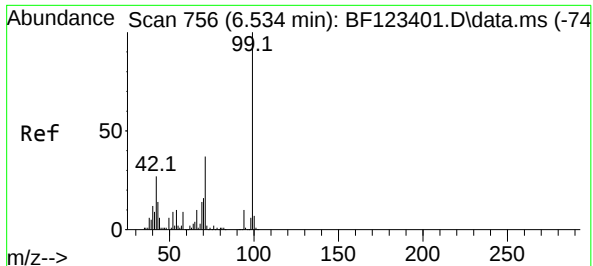
Tgt Ion:152 Resp: 138350
Ion Ratio Lower Upper
152 100
150 144.6 125.8 188.6
115 59.0 49.3 73.9



#5
2-Fluorophenol
Concen: 122.38 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.024 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

Tgt Ion:112 Resp: 1034981
Ion Ratio Lower Upper
112 100
64 71.4 46.9 70.3#
63 40.0 24.5 36.7#

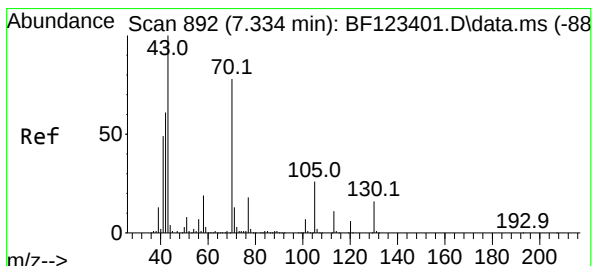
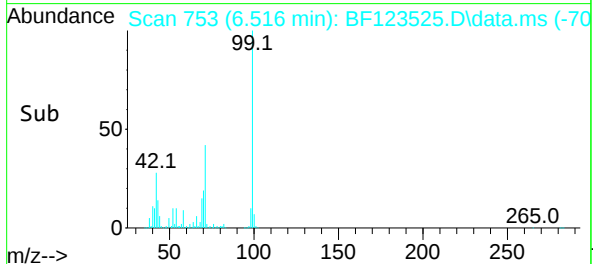
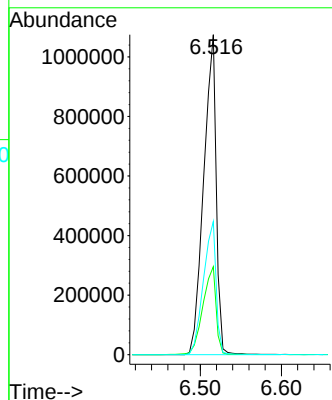
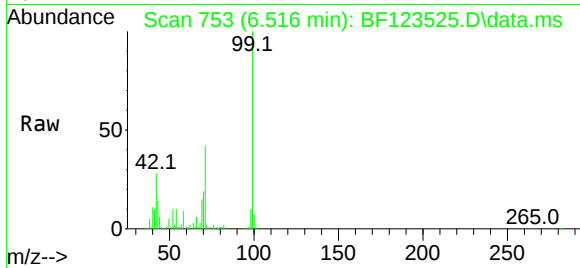




#7
Phenol-d6
Concen: 102.37 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

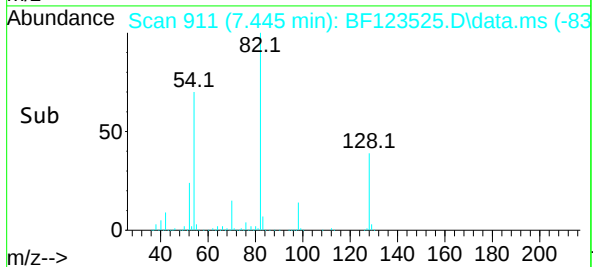
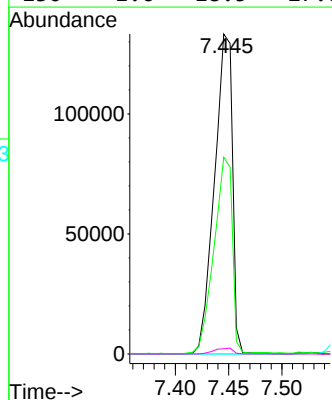
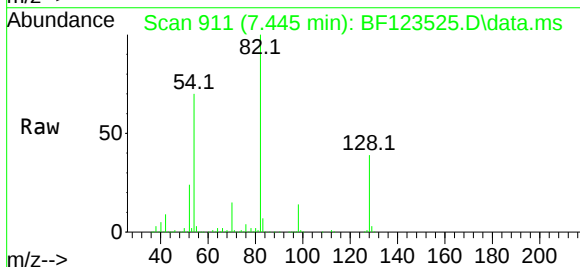
Instrument :
BNA_F
ClientSampleId :
IG001

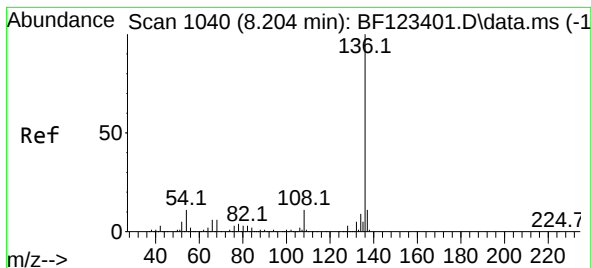
Tgt Ion: 99 Resp: 1152502
Ion Ratio Lower Upper
99 100
42 27.5 13.8 20.6#
71 41.6 26.9 40.3#



#19
n-Nitroso-di-n-propylamine
Concen: 21.48 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

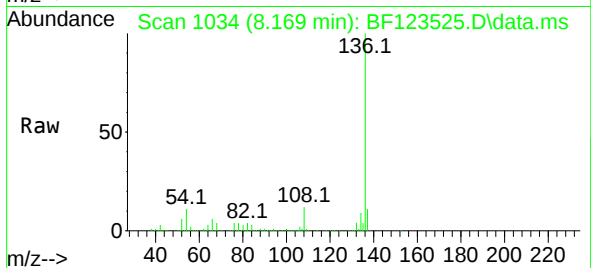
Tgt Ion: 70 Resp: 156431
Ion Ratio Lower Upper
70 100
42 61.4 43.0 64.4
101 0.0 7.9 11.9#
130 1.6 18.5 27.7#



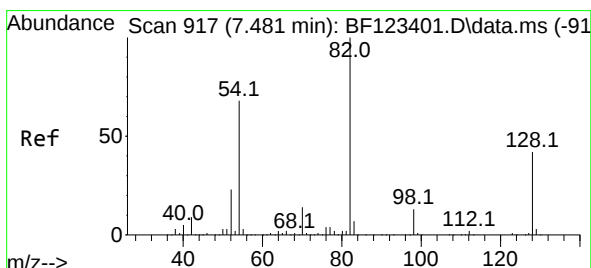
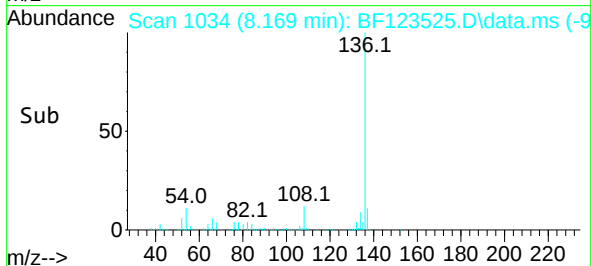
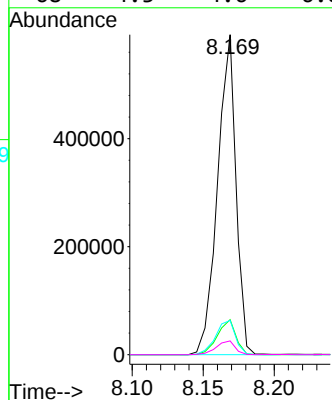


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

Instrument :
BNA_F
ClientSampleId :
IG001

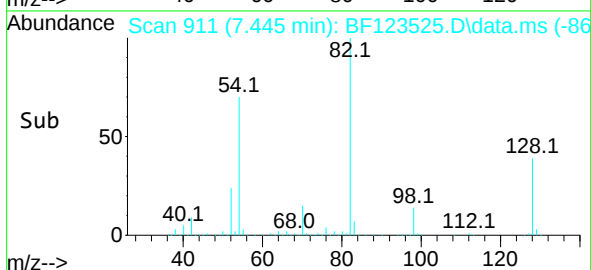
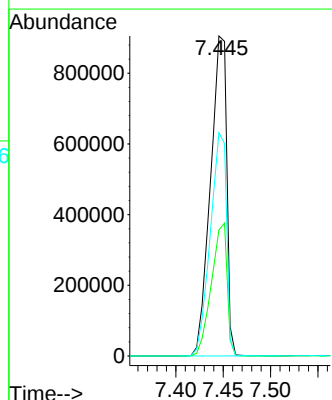
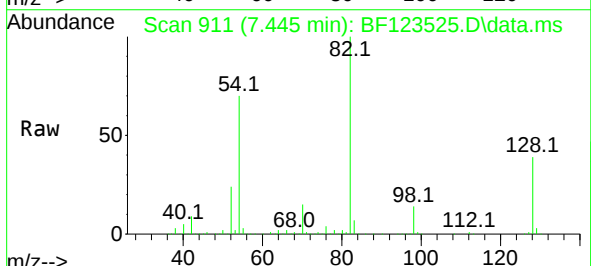


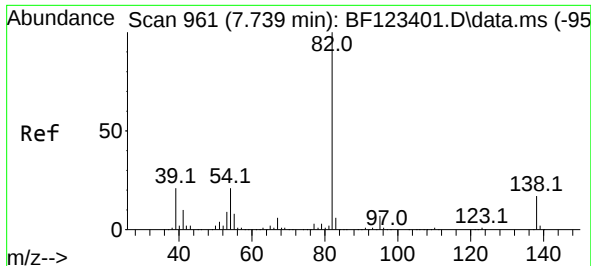
Tgt Ion:136 Resp: 532909
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.7 5.5 8.3#
68 4.3 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 109.19 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

Tgt Ion: 82 Resp: 1078098
Ion Ratio Lower Upper
82 100
128 39.4 37.0 55.4
54 69.8 38.4 57.6#

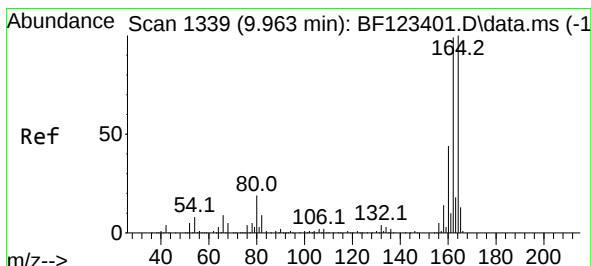
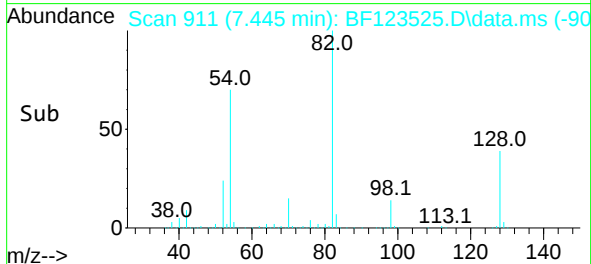
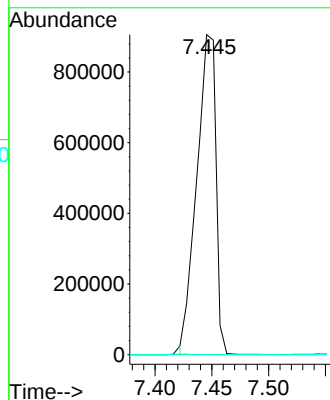
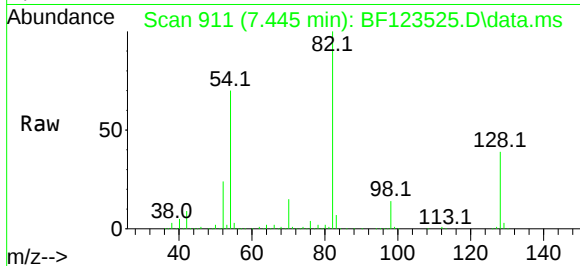




#25
Isophorone
Concen: 50.25 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

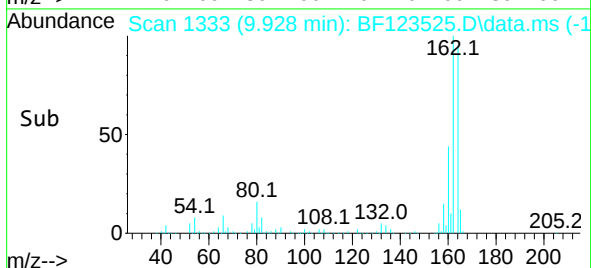
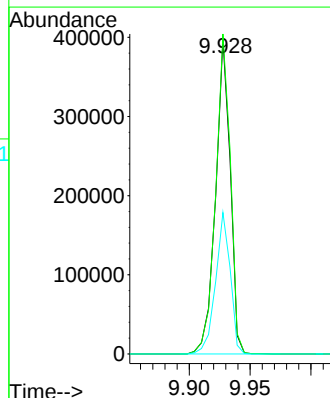
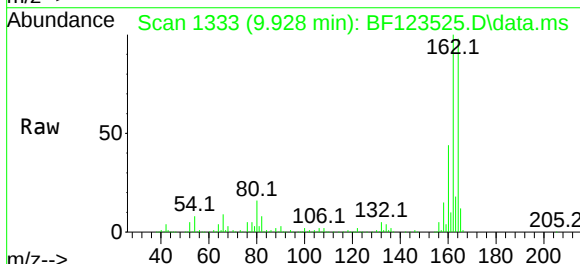
Instrument :
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ClientSampleId :
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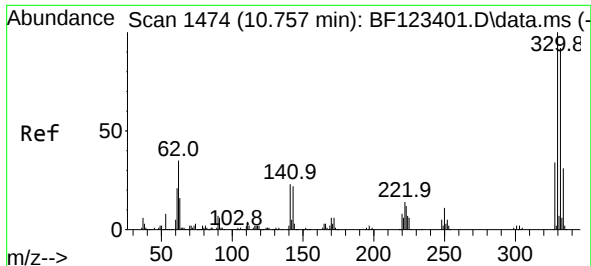
Tgt Ion: 82 Resp: 1066785
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

Tgt Ion:164 Resp: 333614
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 44.9 35.4 53.0

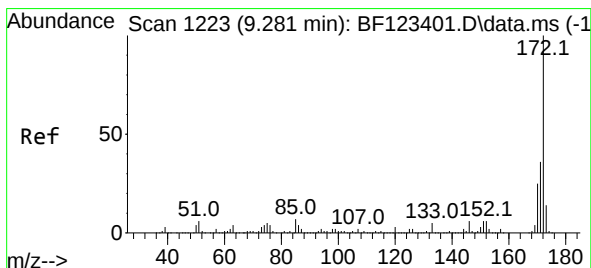
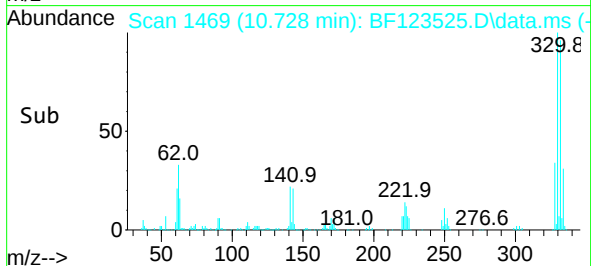
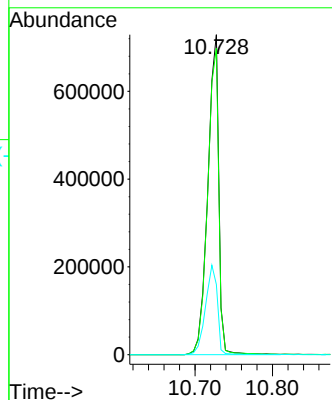
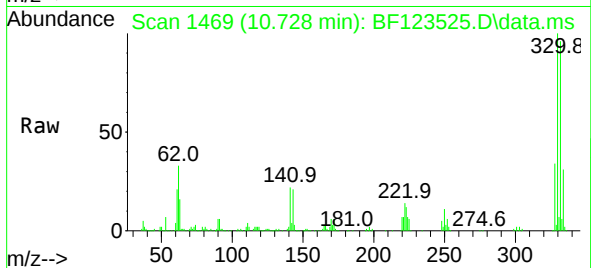




#42
2,4,6-Tribromophenol
Concen: 192.11 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

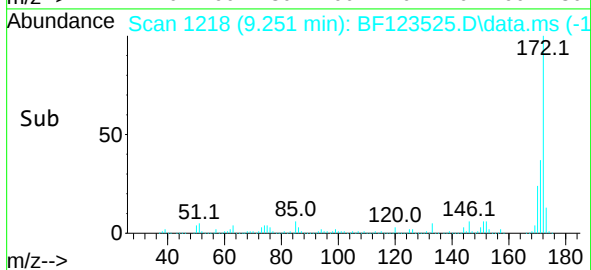
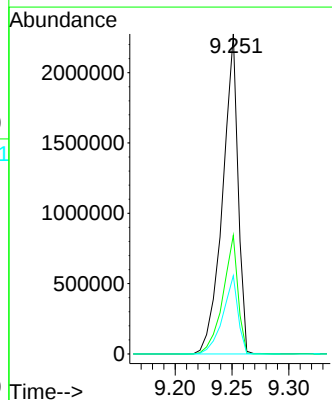
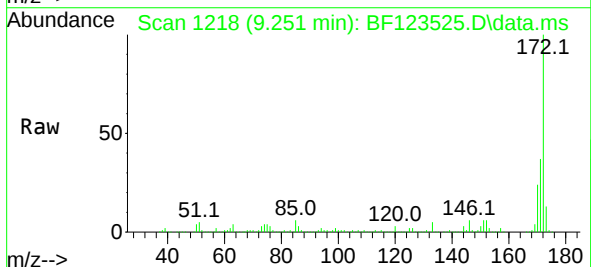
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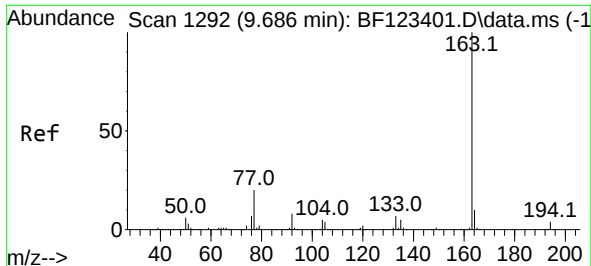
Tgt Ion: 330 Resp: 716511
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 30.4 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 92.31 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

Tgt Ion: 172 Resp: 2155614
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.5 19.5 29.3

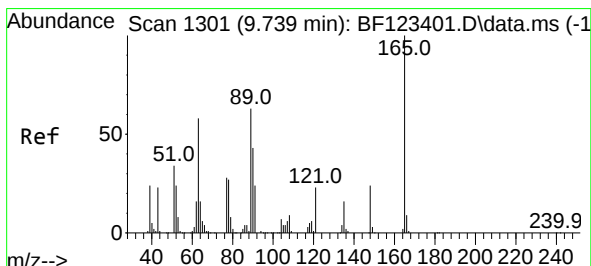
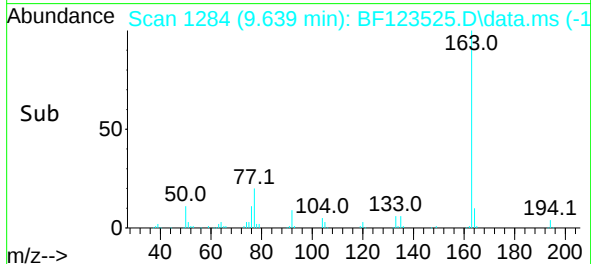
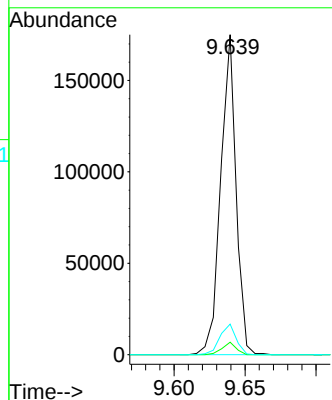
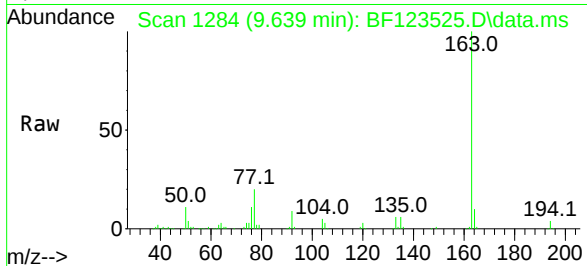




#50
Dimethylphthalate
Concen: 5.55 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

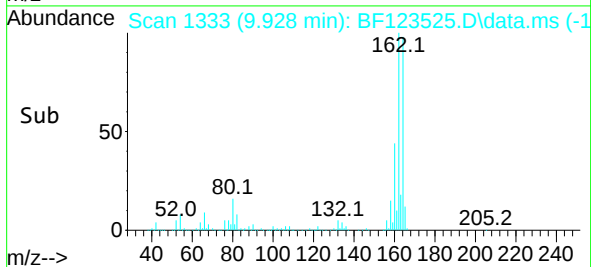
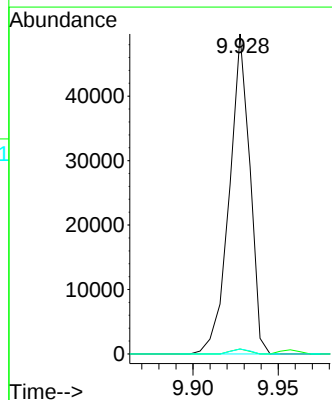
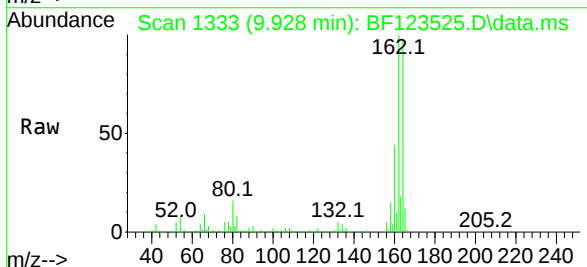
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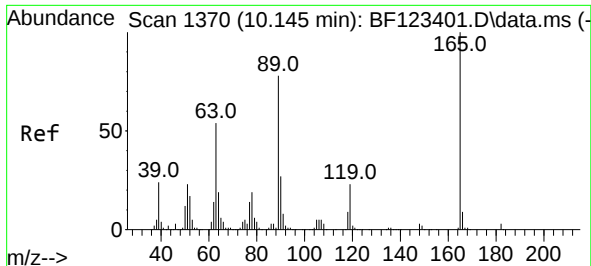
Tgt Ion:163 Resp: 131586
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.6 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.41 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

Tgt Ion:165 Resp: 41625
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.5 39.4 59.0#

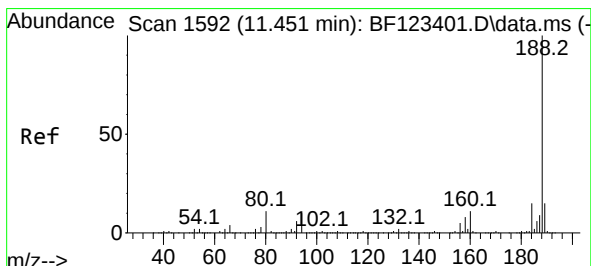
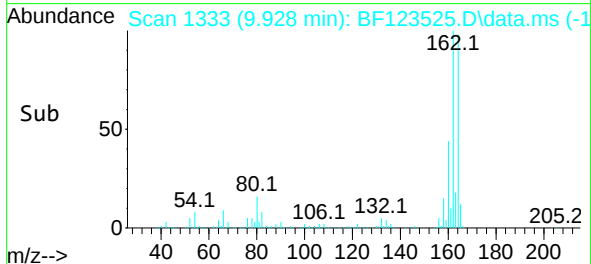
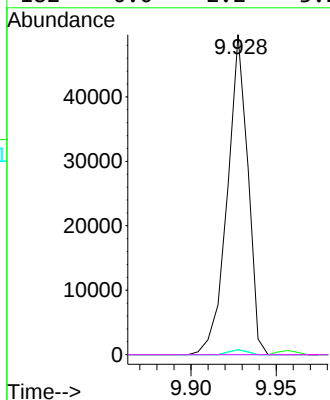
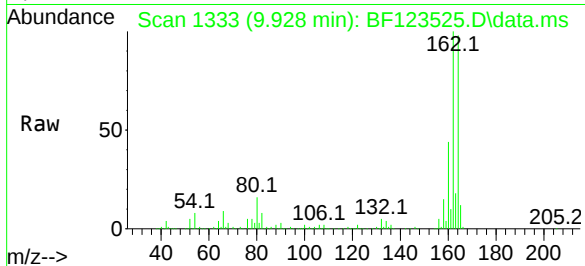




#57
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

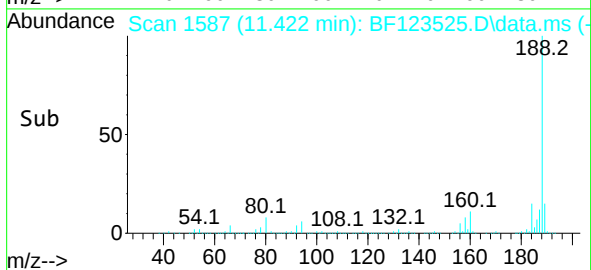
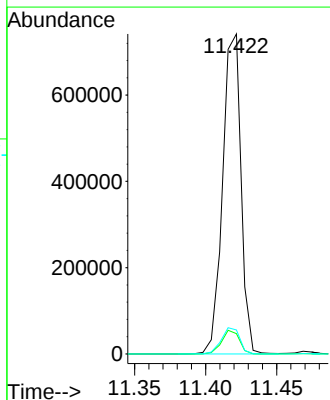
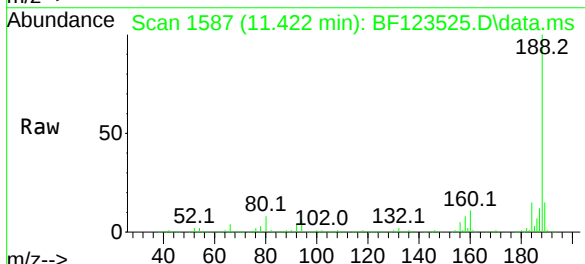
Instrument :
BNA_F
ClientSampleId :
IG001

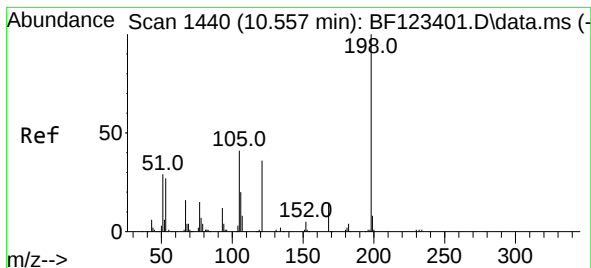
Tgt Ion:165	Resp:	41625
Ion Ratio	Lower	Upper
165	100	
63	1.5	34.3 51.5#
89	1.5	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

Tgt Ion:188	Resp:	667614
Ion Ratio	Lower	Upper
188	100	
94	6.4	7.4 11.2#
80	7.5	8.2 12.4#

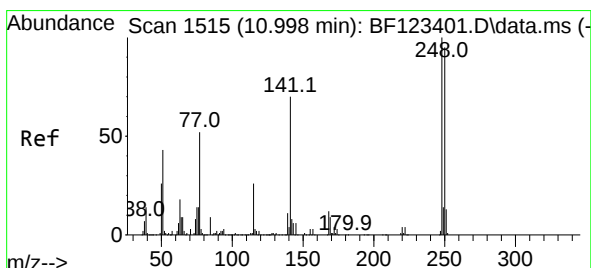
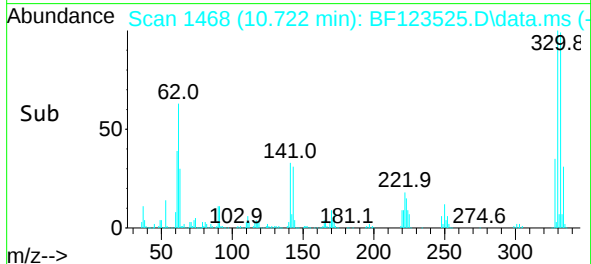
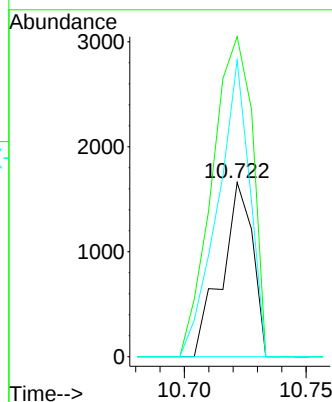
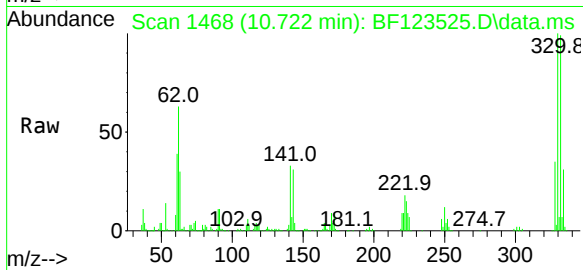




#65
4,6-Dinitro-2-methylphenol
Concen: 5.49 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.188 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

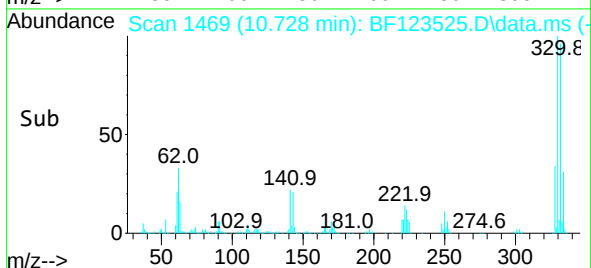
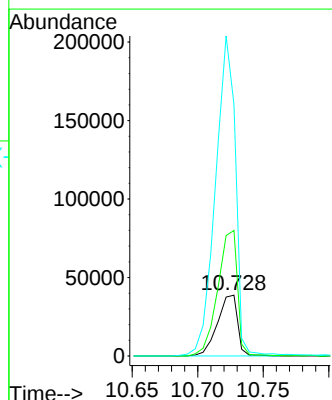
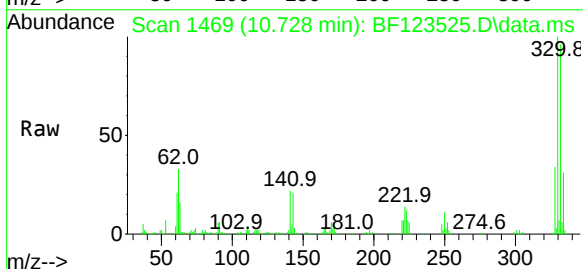
Instrument :
BNA_F
ClientSampleId :
IG001

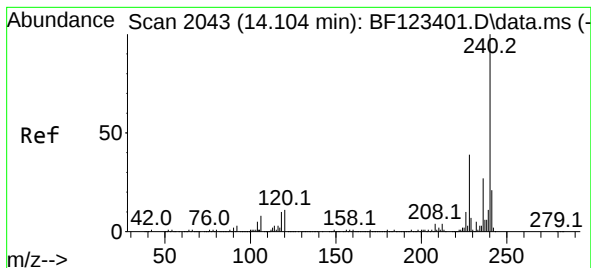
Tgt Ion:198 Resp: 1469
Ion Ratio Lower Upper
198 100
51 183.7 20.3 60.3#
105 170.1 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 5.24 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

Tgt Ion:248 Resp: 41410
Ion Ratio Lower Upper
248 100
250 206.4 76.8 115.2#
141 413.8 59.8 89.8#

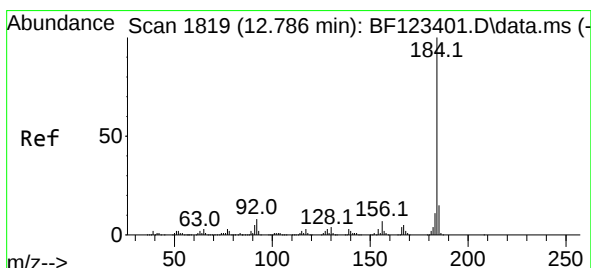
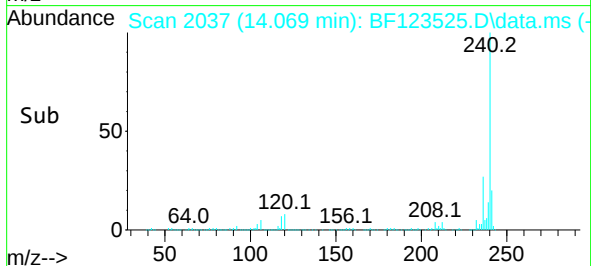
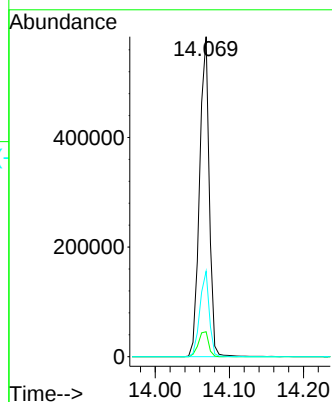
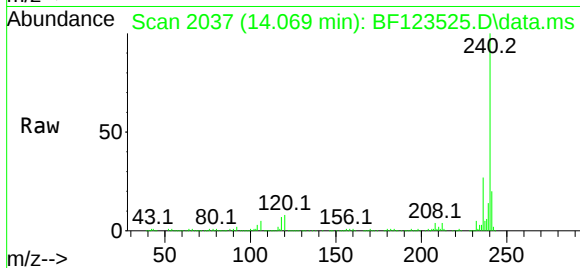




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

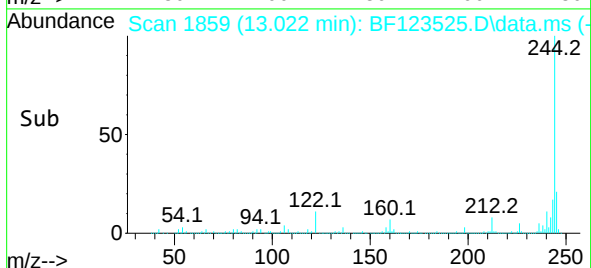
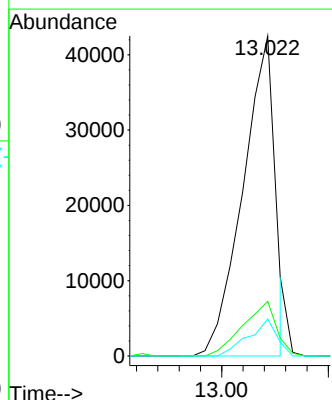
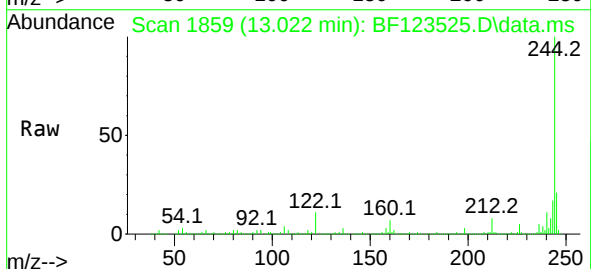
Instrument :
BNA_F
ClientSampleId :
IG001

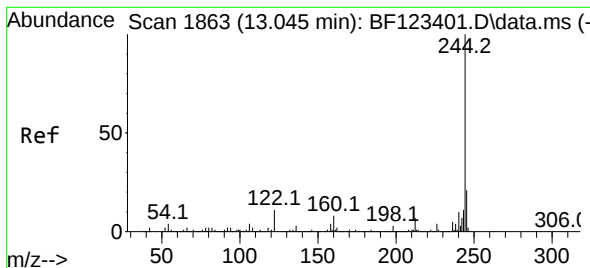
Tgt Ion:240 Resp: 527011
Ion Ratio Lower Upper
240 100
120 7.8 8.6 12.8#
236 26.7 20.3 30.5



#77
Benzidine
Concen: 2.83 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.265 min
Lab File: BF123525.D
Acq: 30 Mar 2021 17:09

Tgt Ion:184 Resp: 44501
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.6
183 11.6 9.7 14.5





#79

Terphenyl-d14

Concen: 101.38 ng

RT: 13.022 min Scan# 1859

Delta R.T. 0.006 min

Lab File: BF123525.D

Acq: 30 Mar 2021 17:09

Instrument :

BNA_F

ClientSampleId :

IG001

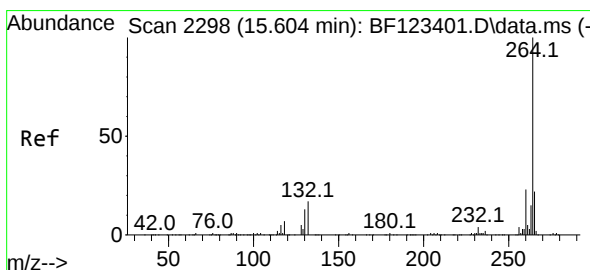
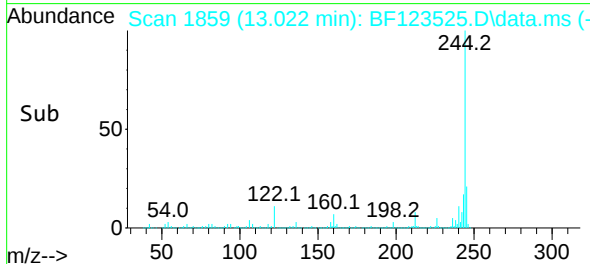
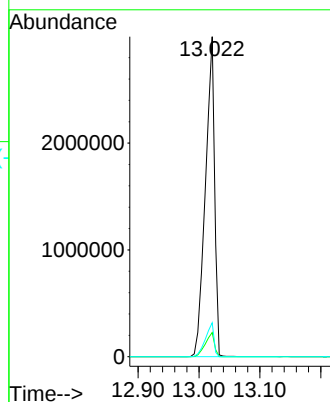
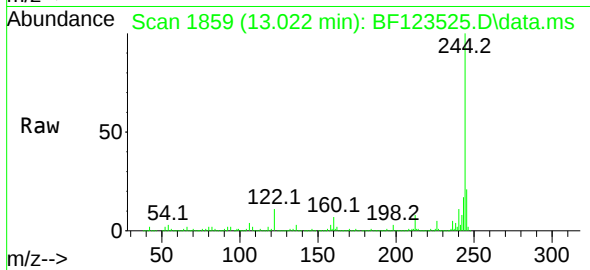
Tgt Ion:244 Resp: 3152703

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 10.6 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.563 min Scan# 2291

Delta R.T. -0.006 min

Lab File: BF123525.D

Acq: 30 Mar 2021 17:09

Tgt Ion:264 Resp: 348980

Ion Ratio Lower Upper

264 100

260 22.2 18.6 28.0

265 21.4 17.0 25.6

