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 Data File : BF123808.D
 Acq On : 4 May 2021 14:55
 Operator : JU/CG
 Sample : PB136158TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136158TB

Quant Time: May 04 15:31:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

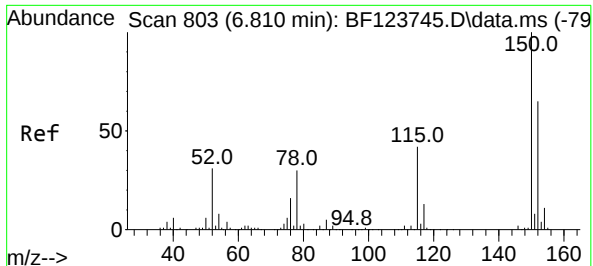
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	273201	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	1038576	20.00	ng	0.00
39) Acenaphthene-d10	9.839	164	514628	20.00	ng	0.00
64) Phenanthrene-d10	11.327	188	1016865	20.00	ng	0.00
76) Chrysene-d12	13.968	240	883507	20.00	ng	0.00
86) Perylene-d12	15.421	264	715978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2105304	122.08	ng	0.01
7) Phenol-d6	6.445	99	2740600	115.37	ng	0.00
23) Nitrobenzene-d5	7.363	82	1952669	84.87	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	820007	128.00	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2998179	84.84	ng	0.00
79) Terphenyl-d14	12.921	244	3588555	78.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.363	70	266434	18.16	ng	Qvalue
25) Isophorone	7.363	82	1947881	45.15	ng	# 76
51) 2,6-Dinitrotoluene	9.839	165	67415	8.04	ng	# 69
57) 2,4-Dinitrotoluene	9.839	165	67415	5.90	ng	# 11
67) 4-Bromophenyl-phenylether	10.633	248	46351	4.33	ng	# 17
77) Benzidine	12.921	184	48606	2.12	ng	# 1

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

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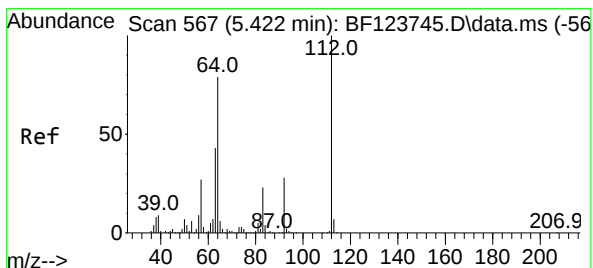
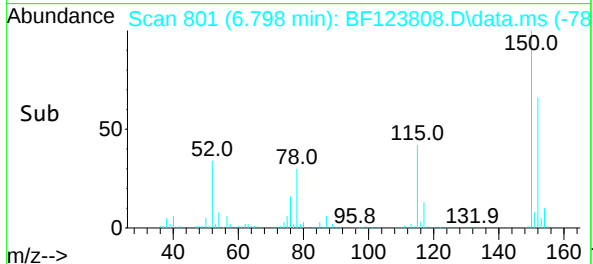
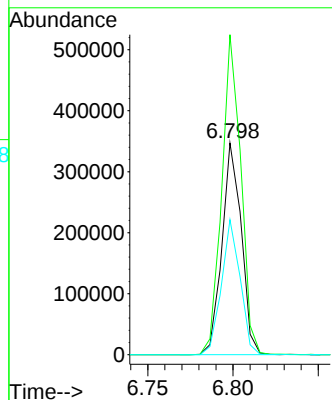
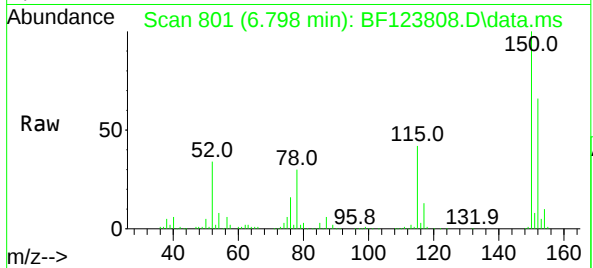




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

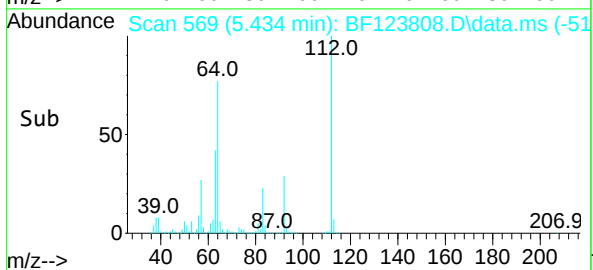
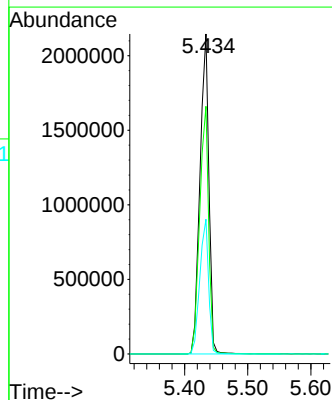
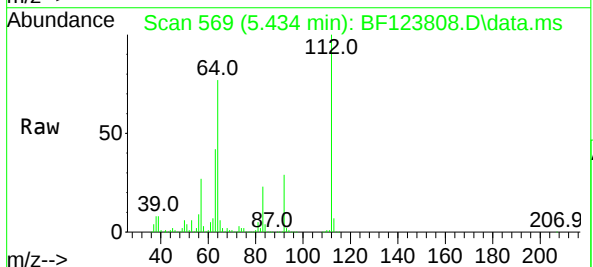
Instrument :
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ClientSampleId :
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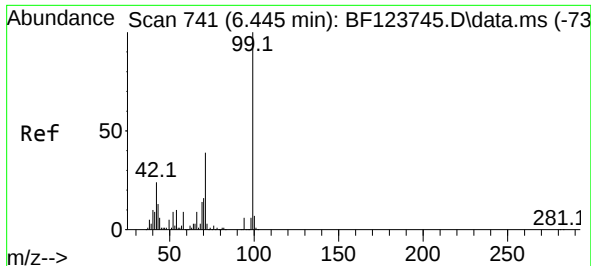
Tgt Ion:152 Resp: 273201
Ion Ratio Lower Upper
152 100
150 151.1 127.0 190.6
115 63.8 54.3 81.5



#5
2-Fluorophenol
Concen: 122.08 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

Tgt Ion:112 Resp: 2105304
Ion Ratio Lower Upper
112 100
64 77.4 61.4 92.0
63 42.1 33.0 49.4

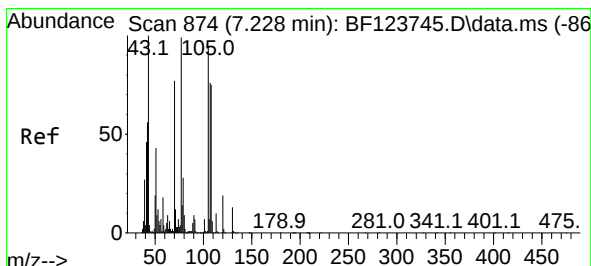
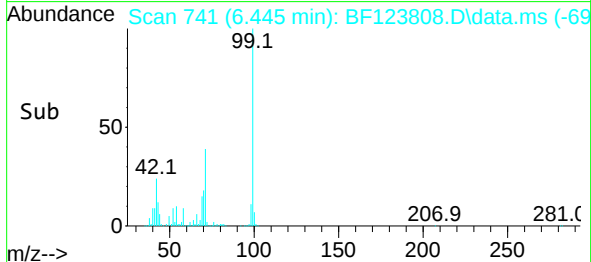
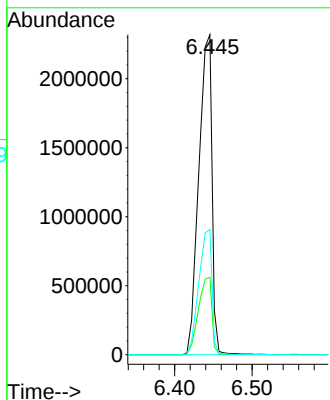
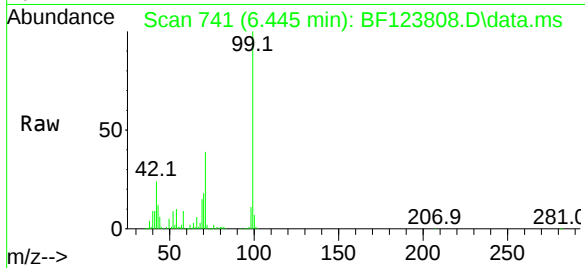




#7
Phenol-d6
Concen: 115.37 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

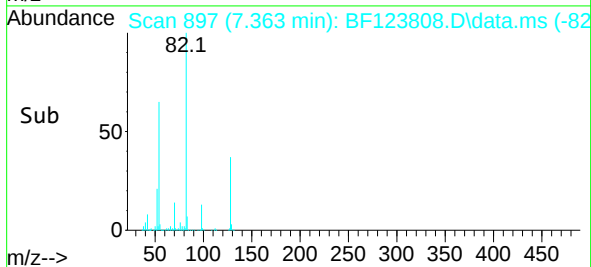
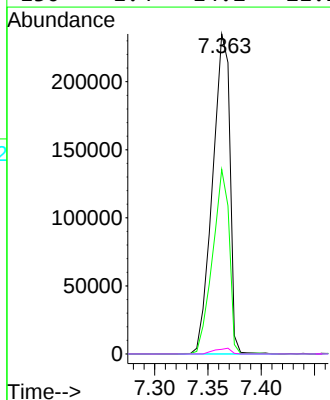
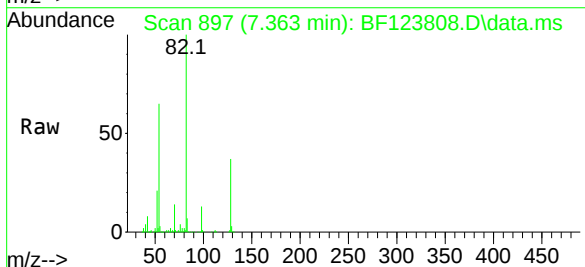
Instrument :
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ClientSampleId :
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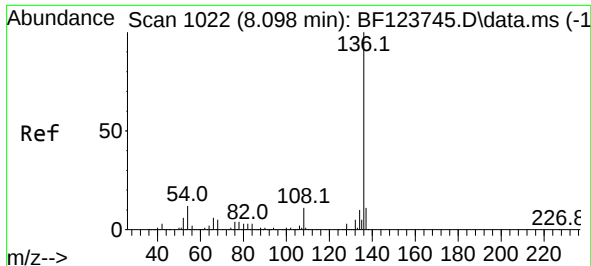
Tgt Ion: 99 Resp: 2740600
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.8
71 39.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.16 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

Tgt Ion: 70 Resp: 266434
Ion Ratio Lower Upper
70 100
42 57.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#

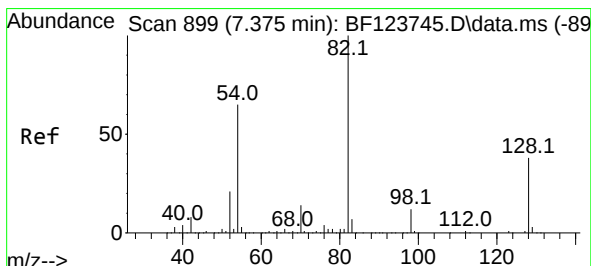
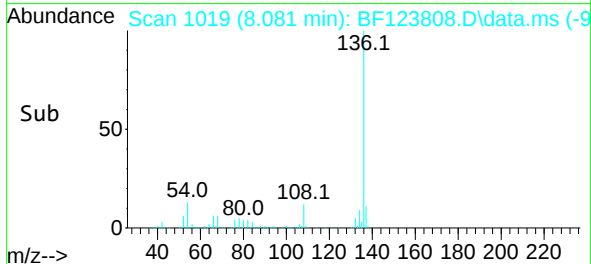
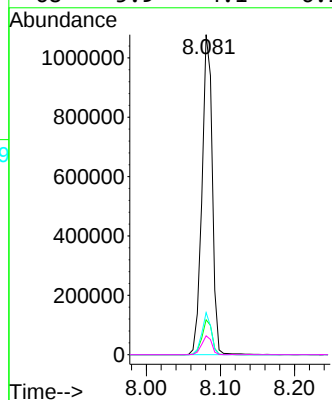
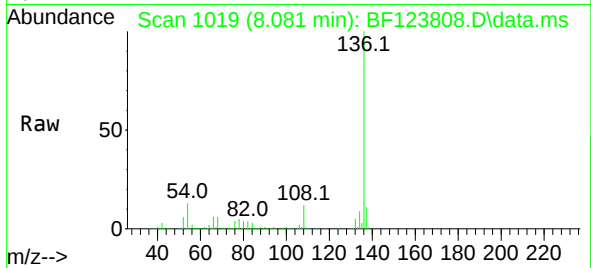




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

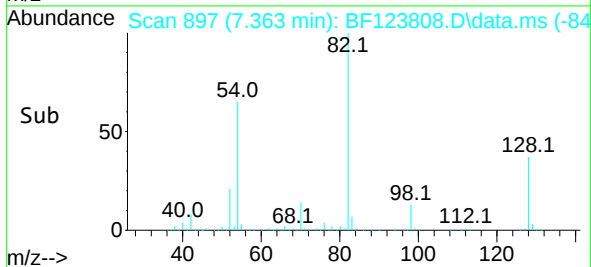
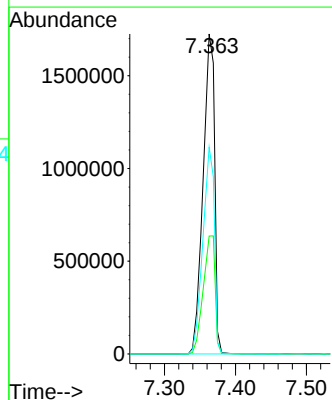
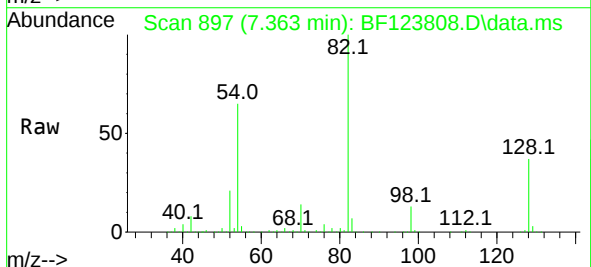
Instrument :
BNA_F
ClientSampleId :
PB136158TB

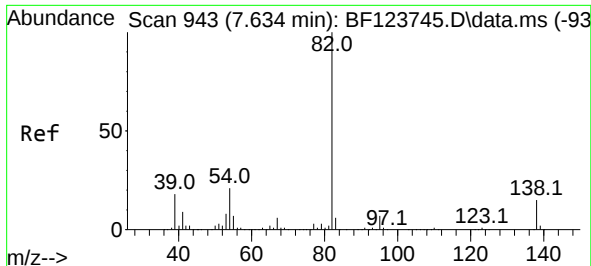
Tgt Ion:136 Resp: 1038576
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 13.2 9.8 14.6
68 5.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 84.87 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

Tgt Ion: 82 Resp: 1952669
Ion Ratio Lower Upper
82 100
128 36.9 29.4 44.2
54 64.7 54.1 81.1

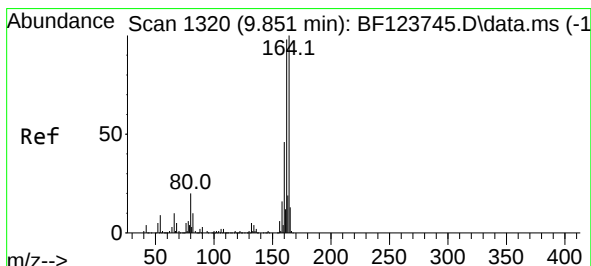
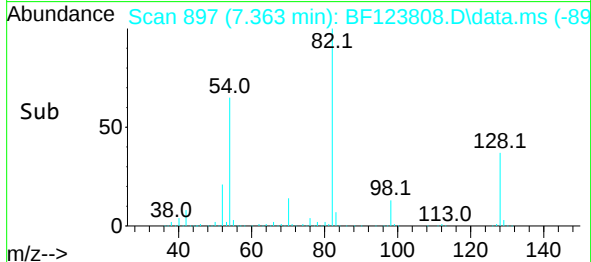
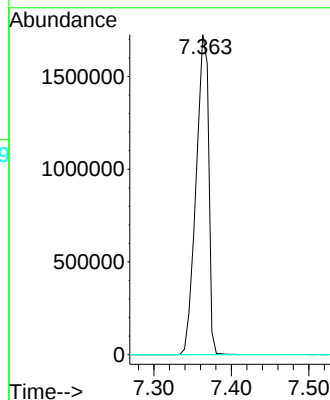
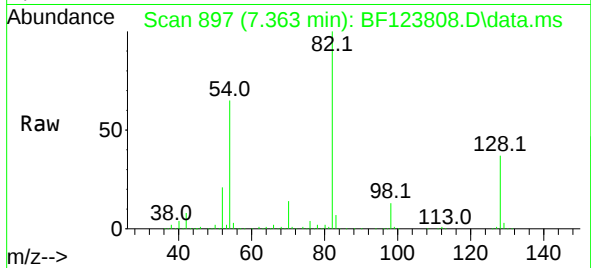




#25
Isophorone
Concen: 45.15 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

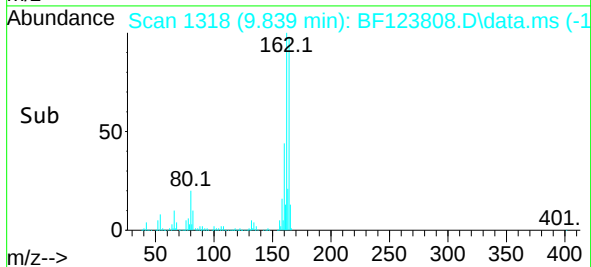
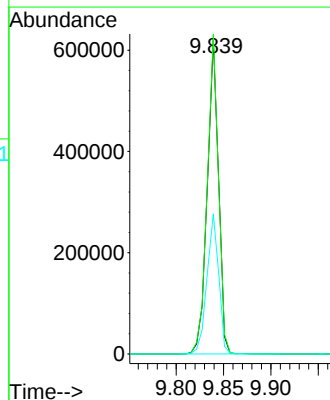
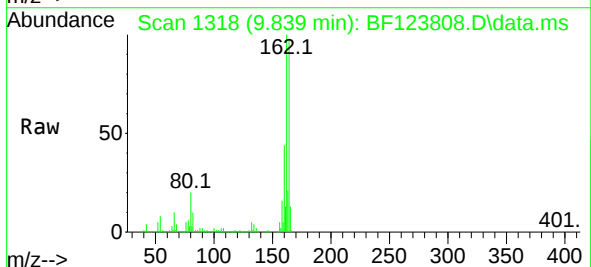
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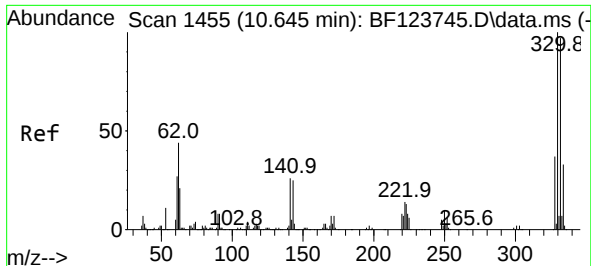
Tgt Ion: 82 Resp: 1947881
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

Tgt Ion:164 Resp: 514628
Ion Ratio Lower Upper
164 100
162 101.6 80.7 121.1
160 44.5 37.3 55.9

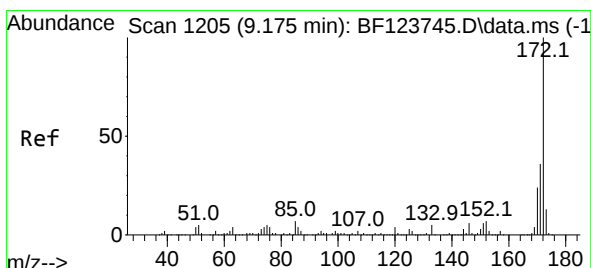
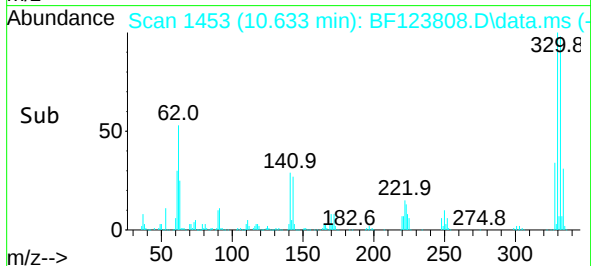
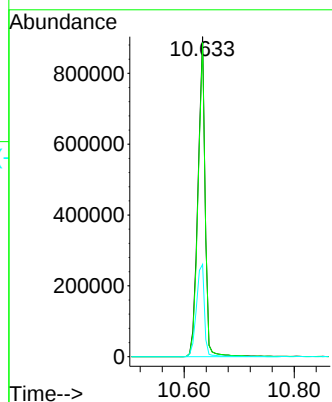
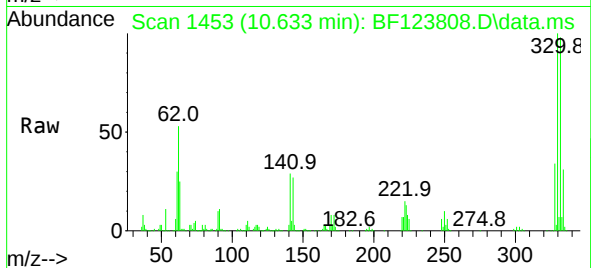




#42
2,4,6-Tribromophenol
Concen: 128.00 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

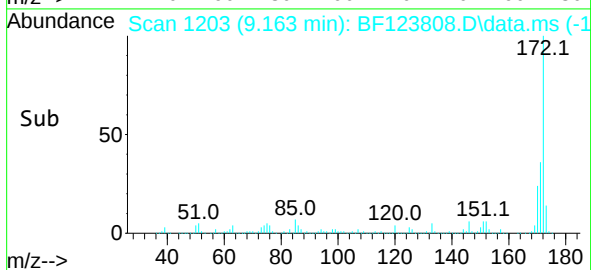
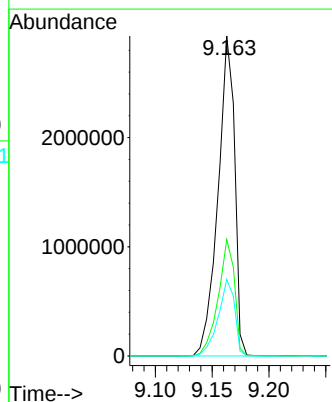
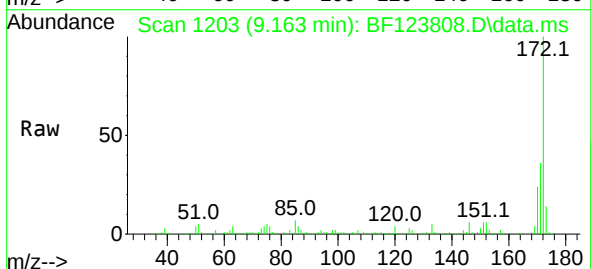
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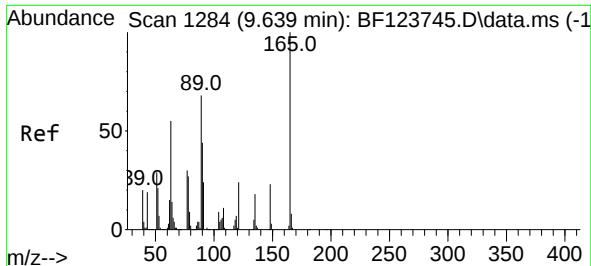
Tgt Ion:330 Resp: 820007
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 32.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 84.84 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

Tgt Ion:172 Resp: 2998179
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 23.9 19.2 28.8

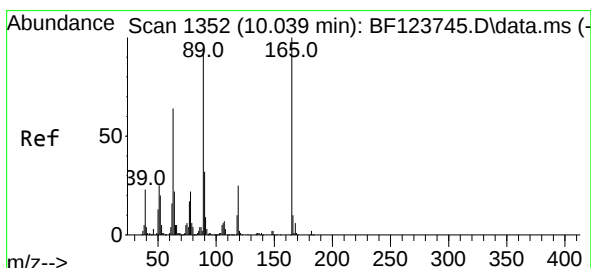
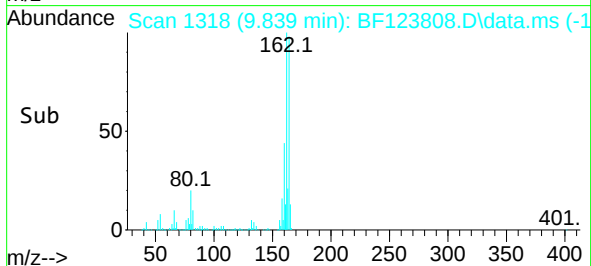
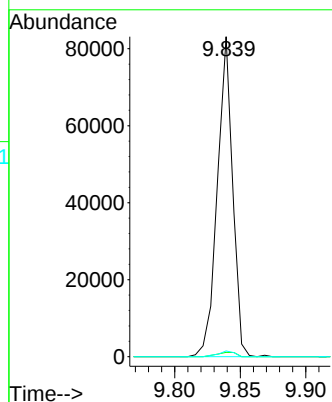
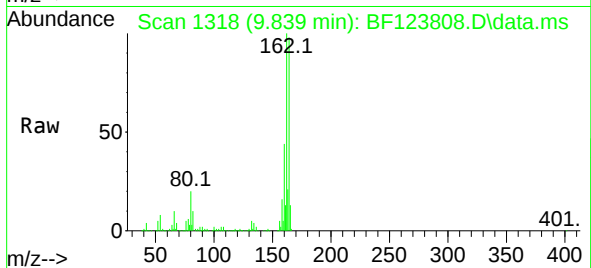




#51
2,6-Dinitrotoluene
Concen: 8.04 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

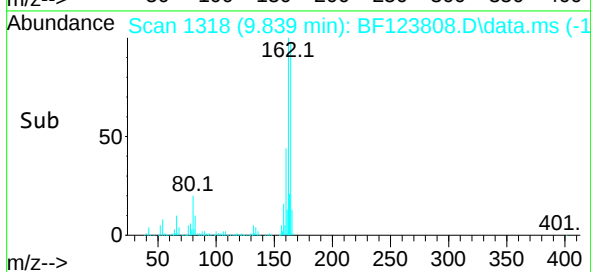
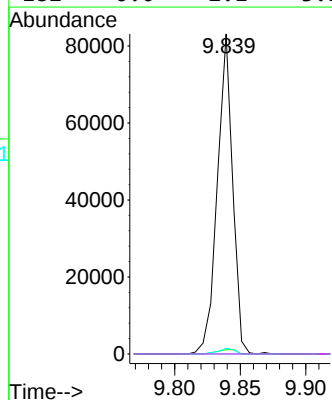
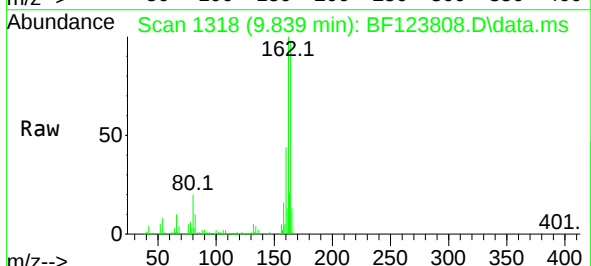
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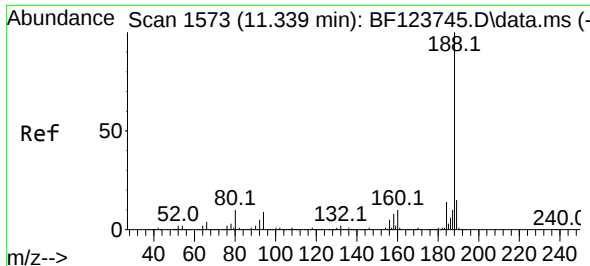
Tgt Ion:165 Resp: 67415
Ion Ratio Lower Upper
165 100
63 1.3 67.7 101.5#
89 1.8 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.194 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

Tgt Ion:165 Resp: 67415
Ion Ratio Lower Upper
165 100
63 1.3 43.5 65.3#
89 1.8 67.7 101.5#
182 0.0 2.1 3.1#

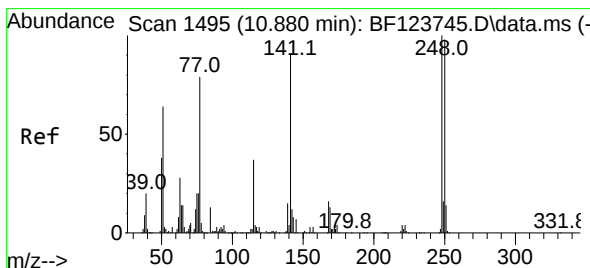
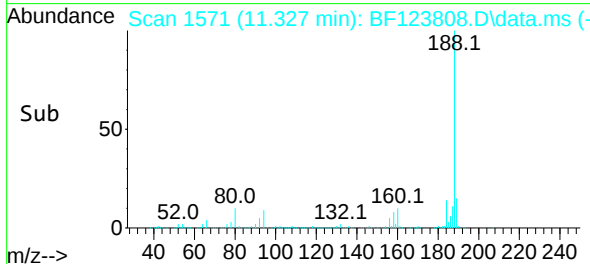
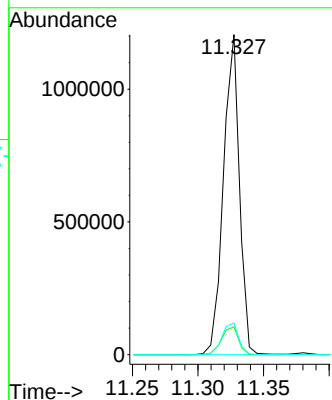
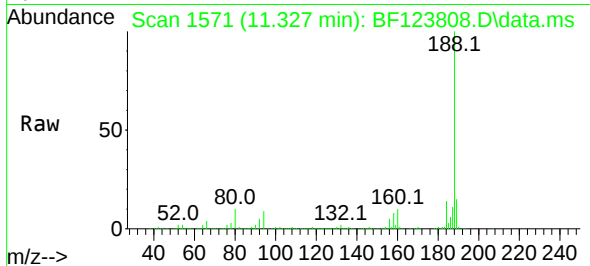




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

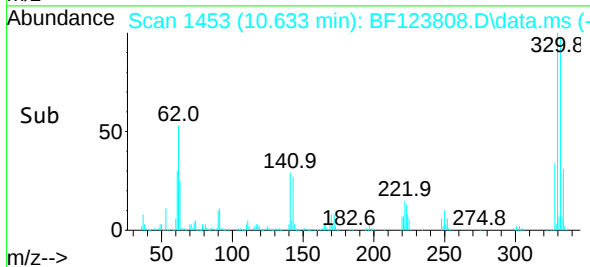
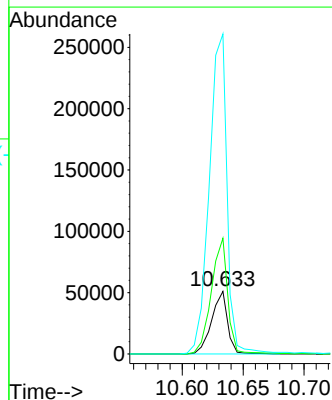
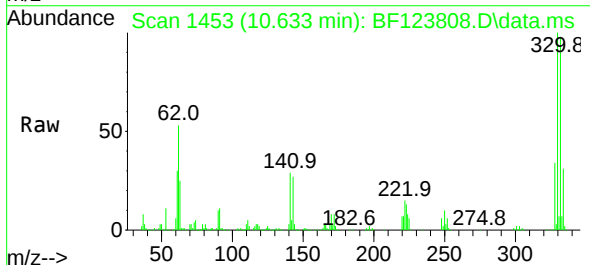
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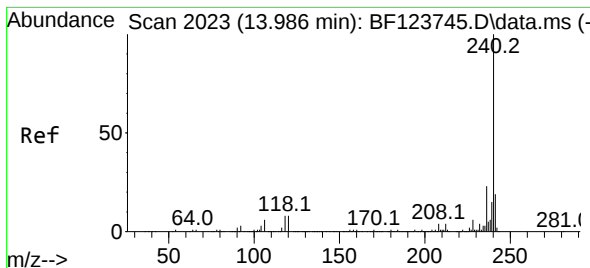
Tgt Ion:188 Resp: 1016865
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.9 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.241 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

Tgt Ion:248 Resp: 46351
Ion Ratio Lower Upper
248 100
250 184.9 77.4 116.2#
141 511.3 63.7 95.5#

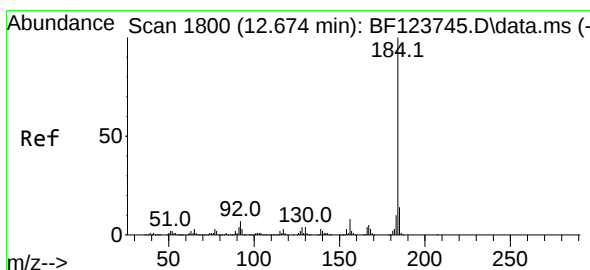
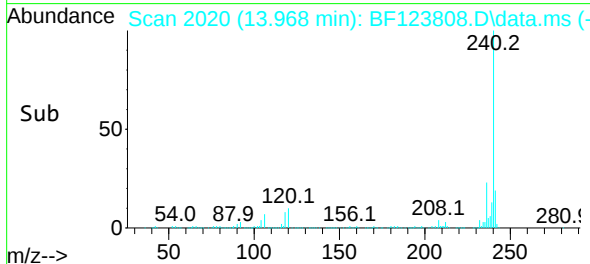
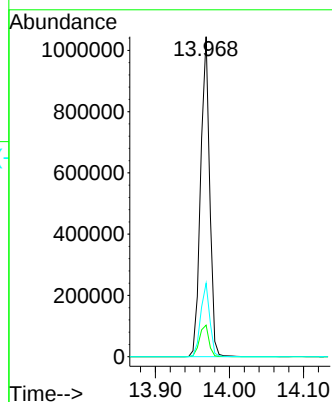
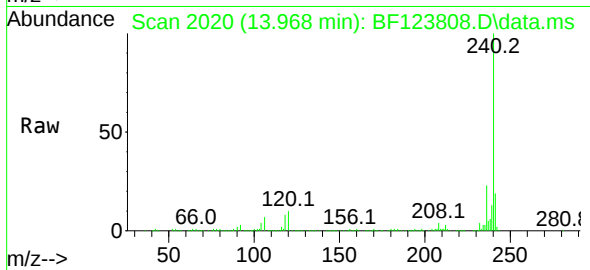




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

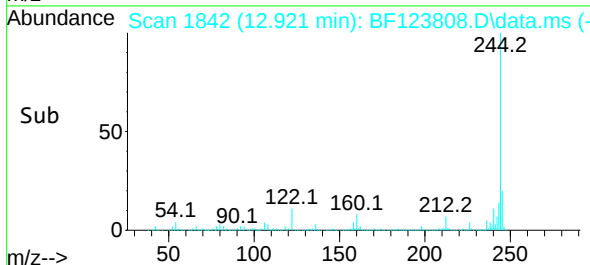
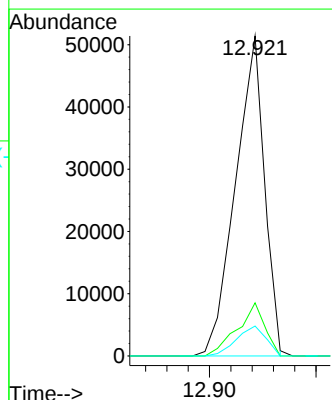
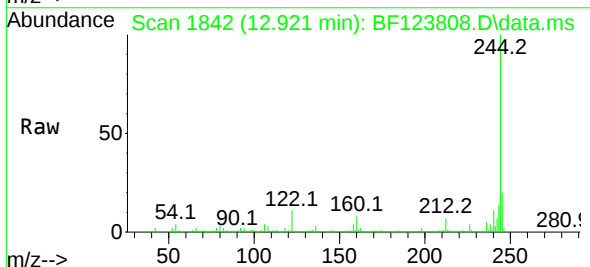
Instrument :
BNA_F
ClientSampleId :
PB136158TB

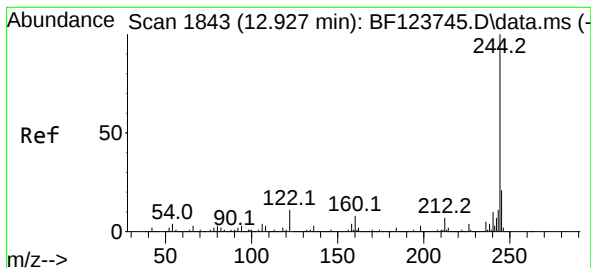
Tgt Ion:240 Resp: 883507
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 23.0 19.0 28.4



#77
Benzidine
Concen: 2.12 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.259 min
Lab File: BF123808.D
Acq: 4 May 2021 14:55

Tgt Ion:184 Resp: 48606
Ion Ratio Lower Upper
184 100
185 16.6 12.1 18.1
183 9.4 7.8 11.8





#79

Terphenyl-d14

Concen: 78.21 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.006 min

Lab File: BF123808.D

Acq: 4 May 2021 14:55

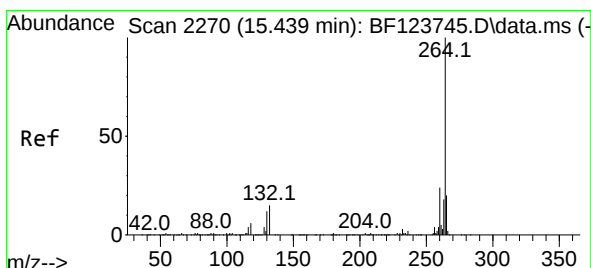
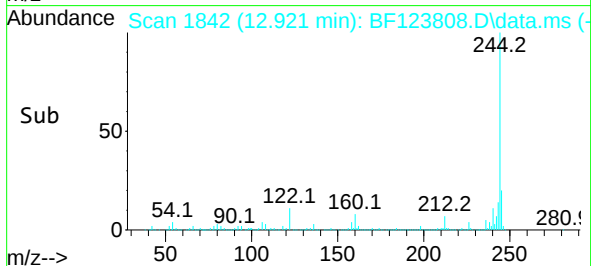
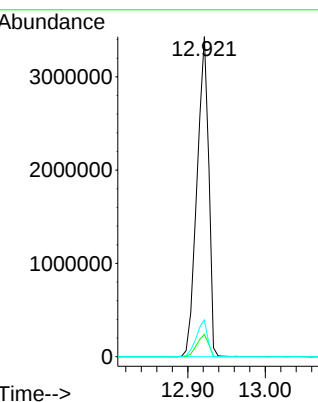
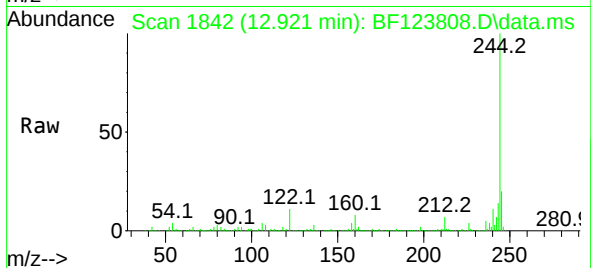
Tgt Ion:244 Resp: 3588555

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.5 9.7 14.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.421 min Scan# 2267

Delta R.T. -0.006 min

Lab File: BF123808.D

Acq: 4 May 2021 14:55

Tgt Ion:264 Resp: 715978

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.5 17.8 26.8

