

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123855.D
 Acq On : 6 May 2021 15:25
 Operator : JU/CG
 Sample : M2303-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRW-2

Quant Time: May 06 15:46:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

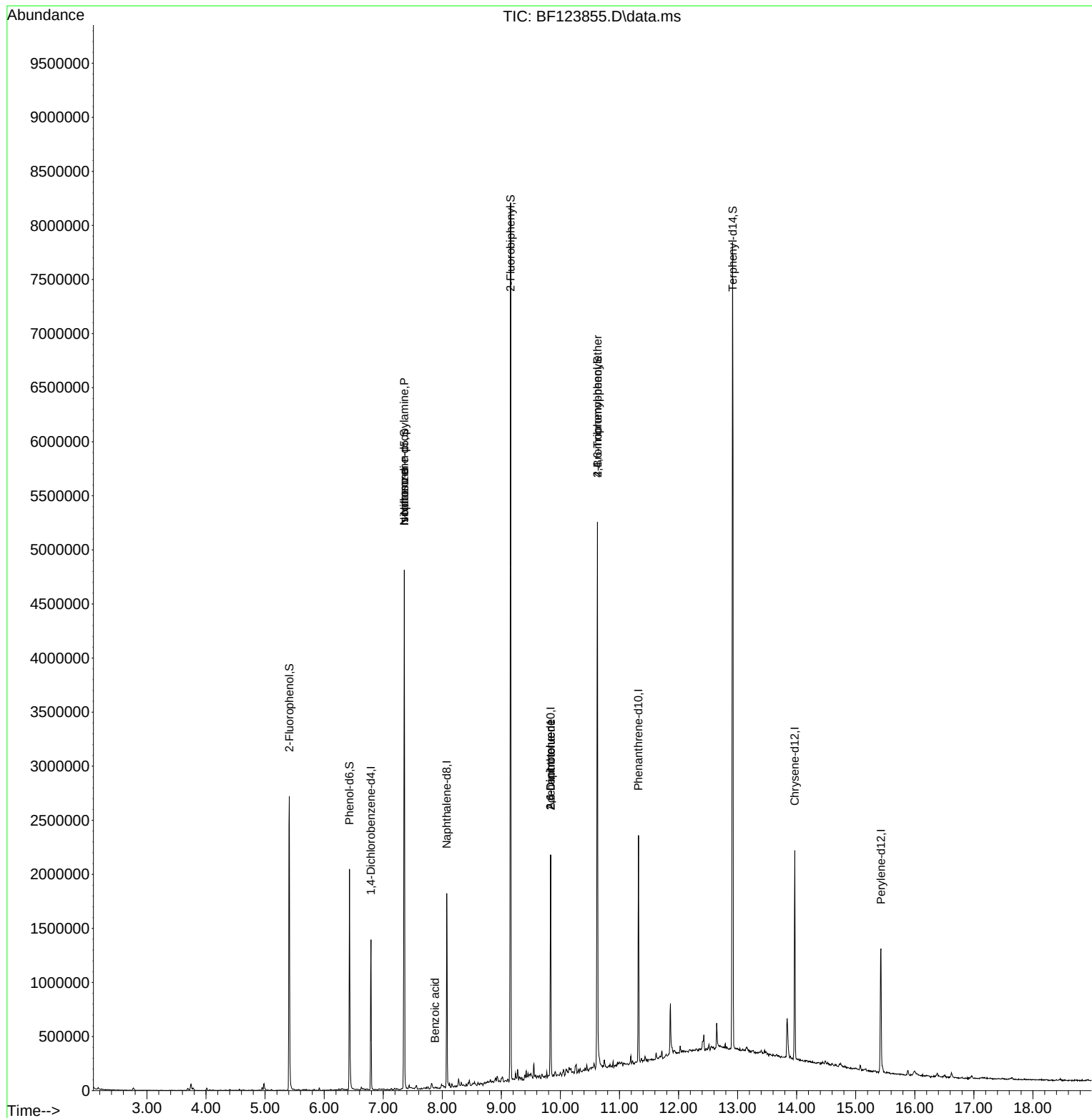
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	175536	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	661190	20.00	ng	# 0.00
39) Acenaphthene-d10	9.834	164	357074	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	699370	20.00	ng	0.00
76) Chrysene-d12	13.969	240	641229	20.00	ng	0.00
86) Perylene-d12	15.427	264	519372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	665611	60.07	ng	0.00
7) Phenol-d6	6.428	99	517582	33.91	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1402906	95.78	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	619205	139.30	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2138831	87.23	ng	0.00
79) Terphenyl-d14	12.916	244	2594012	77.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	190848	20.25	ng	# 73
25) Isophorone	7.357	82	1400591	51.00	ng	# 69
32) Benzoic acid	7.875	122	371	5.44	ng	# 18
51) 2,6-Dinitrotoluene	9.834	165	45486	7.82	ng	# 12
57) 2,4-Dinitrotoluene	9.834	165	45486	5.74	ng	# 18
67) 4-Bromophenyl-phenylether	10.628	248	35112	4.77	ng	# 1

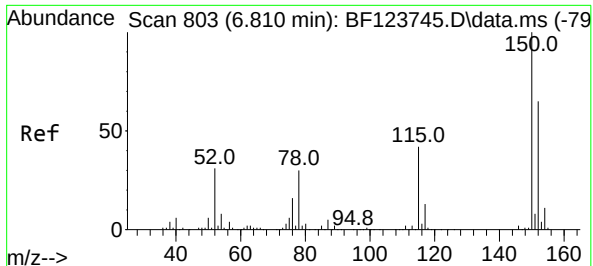
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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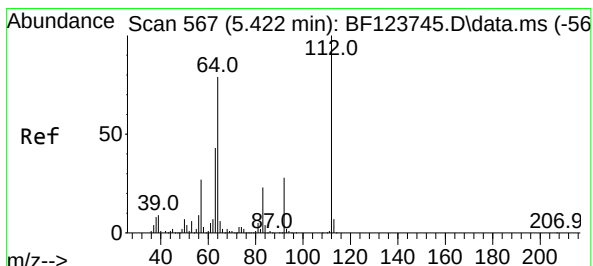
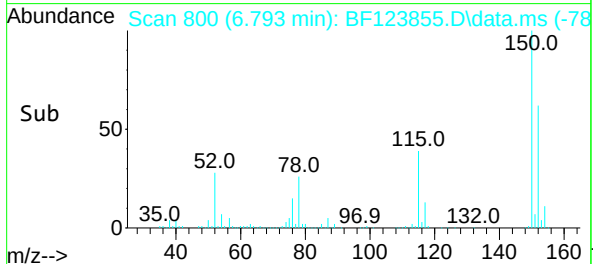
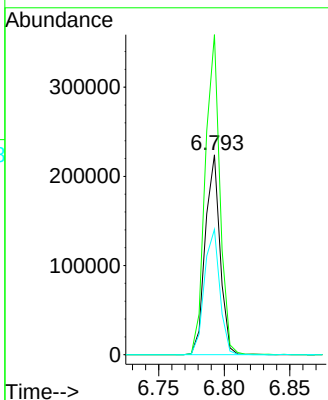
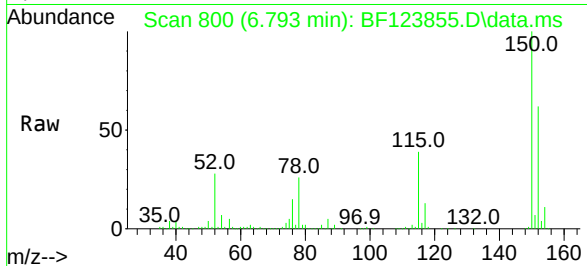




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.793 min Scan# 800
 Delta R.T. -0.005 min
 Lab File: BF123855.D
 Acq: 6 May 2021 15:25

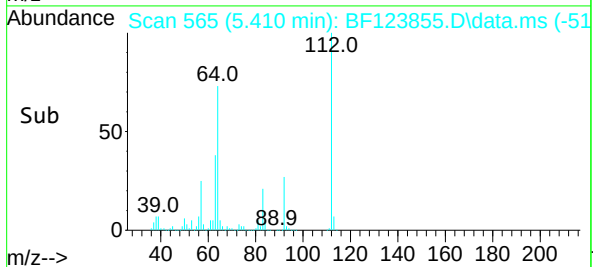
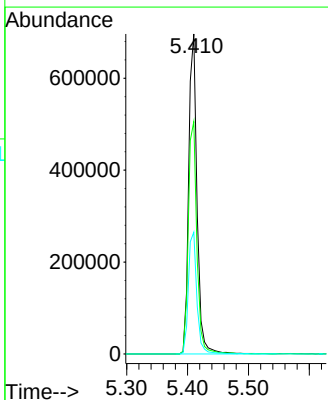
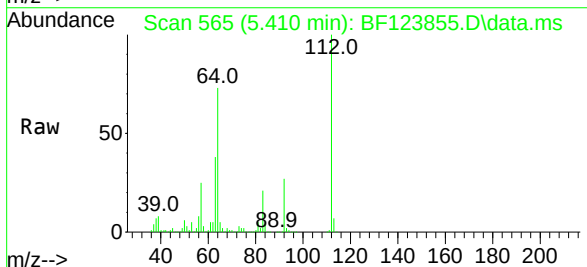
Instrument :
 BNA_F
 ClientSampleId :
 DRW-2

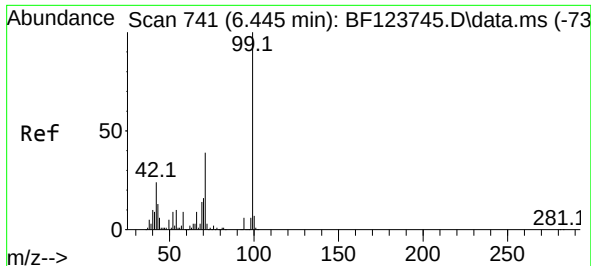
Tgt Ion:152 Resp: 175536
 Ion Ratio Lower Upper
 152 100
 150 160.2 127.0 190.6
 115 62.7 54.3 81.5



#5
 2-Fluorophenol
 Concen: 60.07 ng
 RT: 5.410 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: BF123855.D
 Acq: 6 May 2021 15:25

Tgt Ion:112 Resp: 665611
 Ion Ratio Lower Upper
 112 100
 64 72.6 61.4 92.0
 63 38.1 33.0 49.4

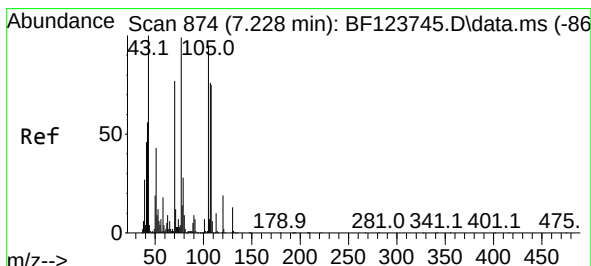
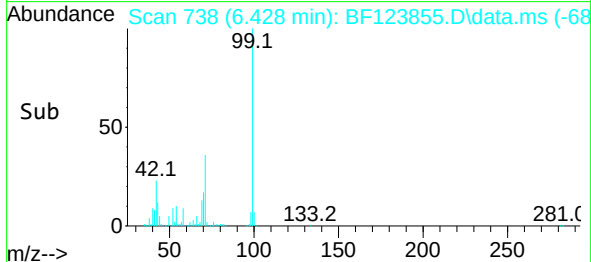
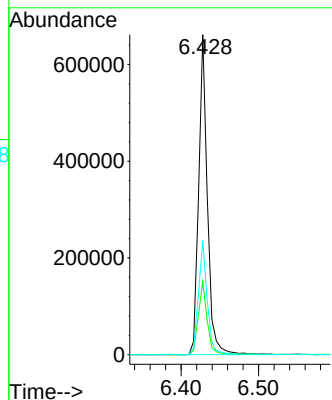
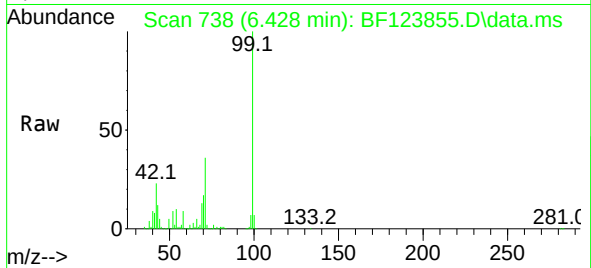




#7
Phenol-d6
Concen: 33.91 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

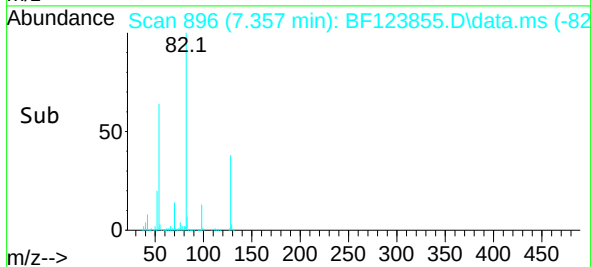
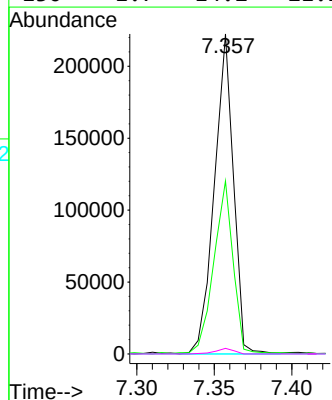
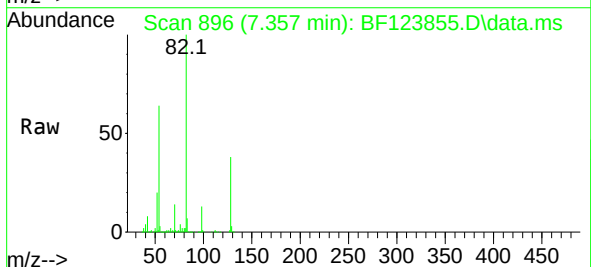
Instrument :
BNA_F
ClientSampleId :
DRW-2

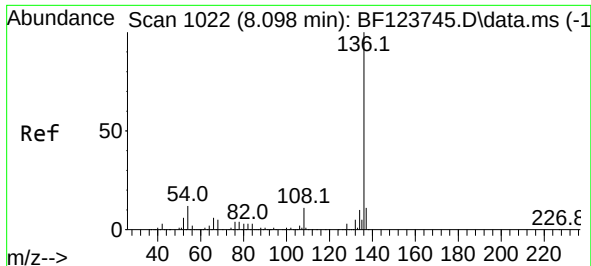
Tgt Ion: 99 Resp: 517582
Ion Ratio Lower Upper
99 100
42 22.8 19.8 29.8
71 35.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.25 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

Tgt Ion: 70 Resp: 190848
Ion Ratio Lower Upper
70 100
42 54.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#

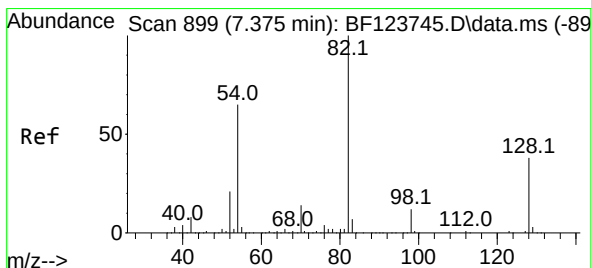
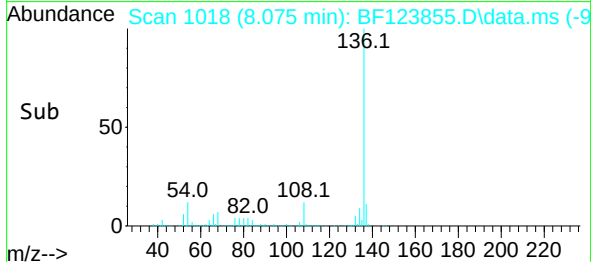
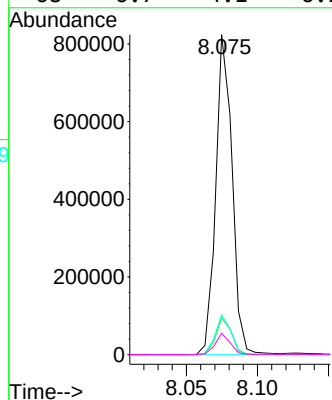
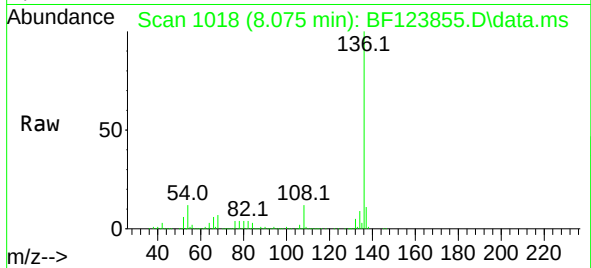




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

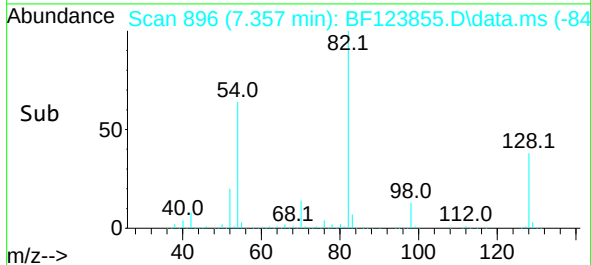
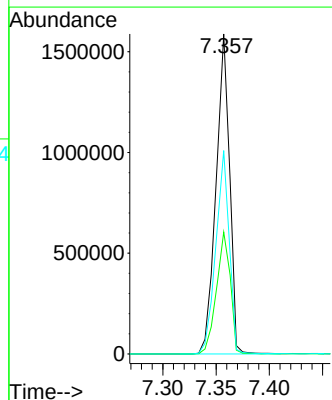
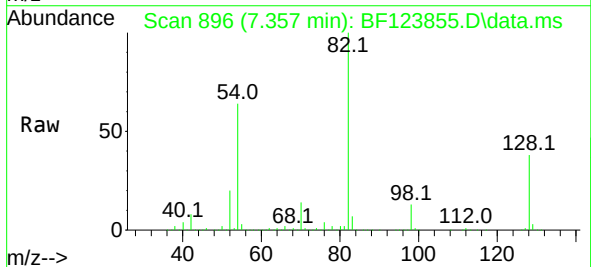
Instrument :
BNA_F
ClientSampleId :
DRW-2

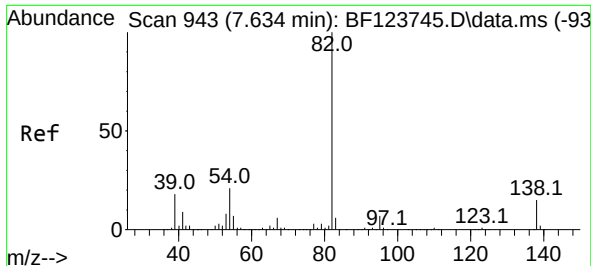
Tgt Ion:136 Resp: 661190
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 12.5 9.8 14.6
68 6.7 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 95.78 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

Tgt Ion: 82 Resp: 1402906
Ion Ratio Lower Upper
82 100
128 38.1 29.4 44.2
54 63.6 54.1 81.1

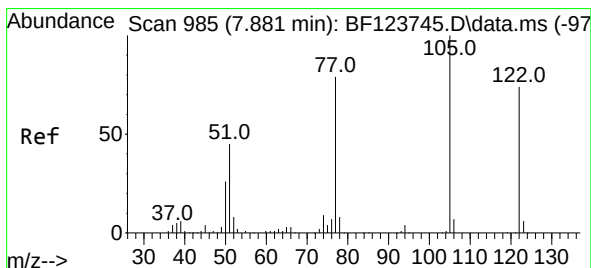
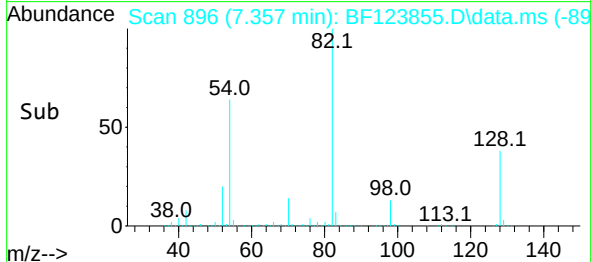
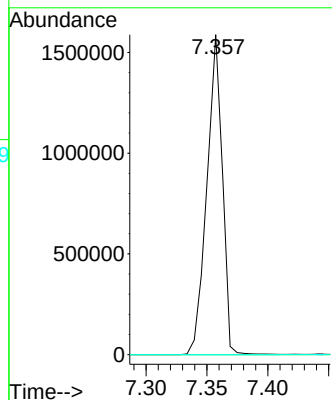
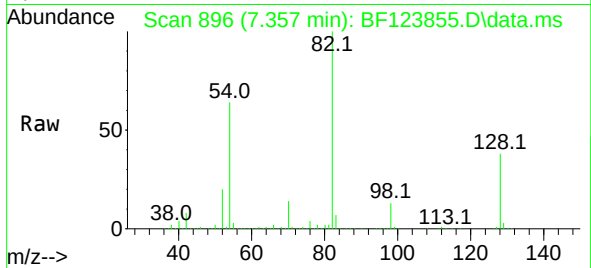




#25
Isophorone
Concen: 51.00 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

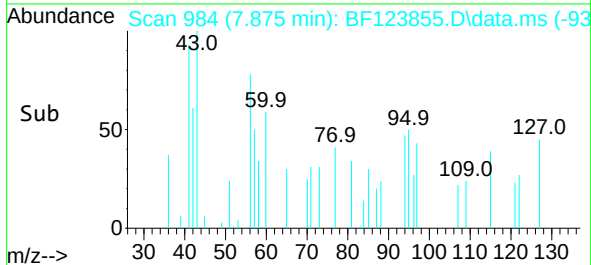
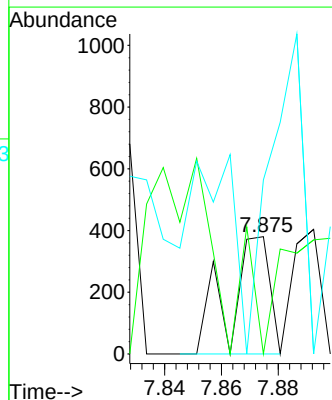
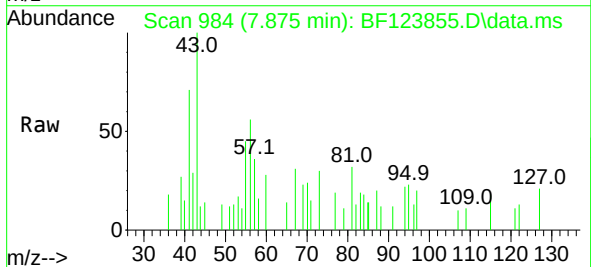
Instrument :
BNA_F
ClientSampleId :
DRW-2

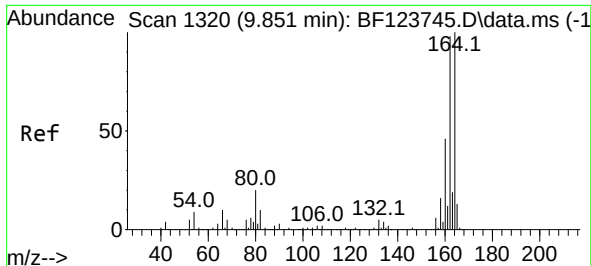
Tgt Ion: 82 Resp: 1400591
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.44 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

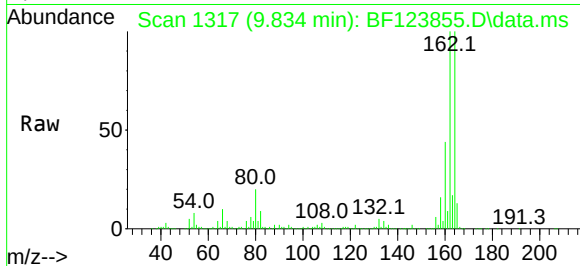
Tgt Ion: 122 Resp: 371
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 148.4 81.6 121.6#



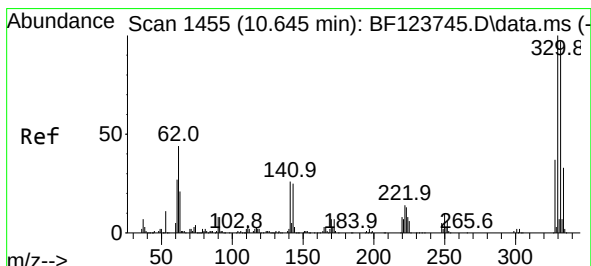
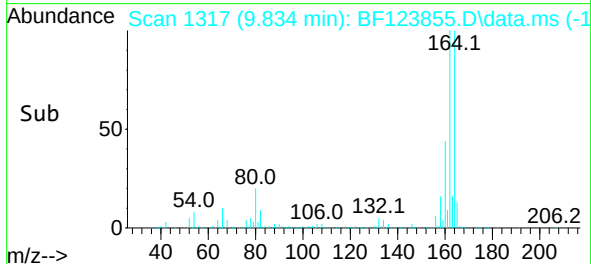
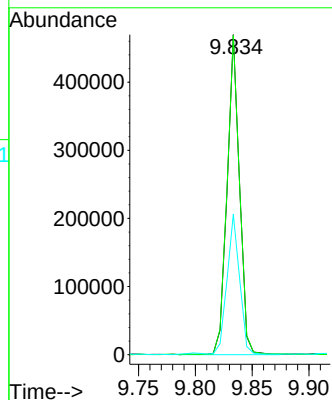


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

Instrument :
BNA_F
ClientSampleId :
DRW-2

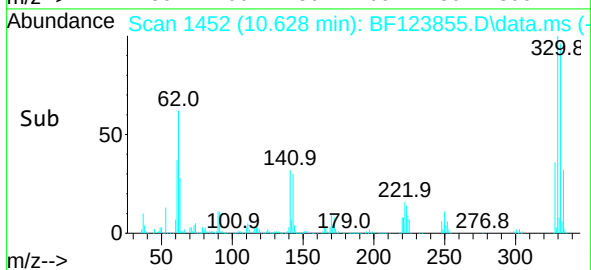
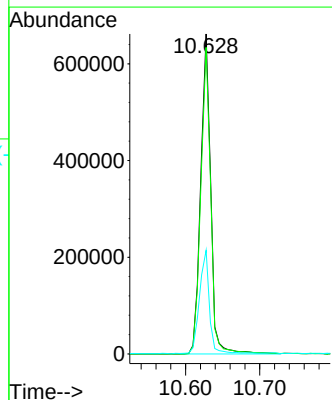
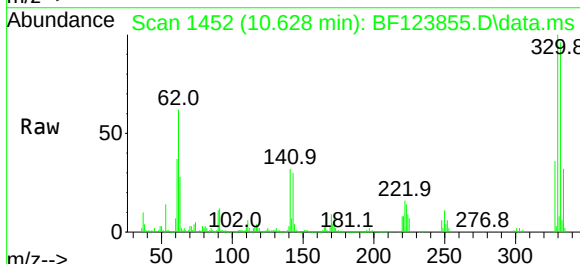


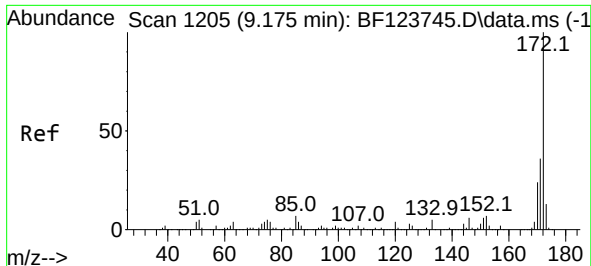
Tgt Ion:164 Resp: 357074
Ion Ratio Lower Upper
164 100
162 99.8 80.7 121.1
160 43.9 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 139.30 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

Tgt Ion:330 Resp: 619205
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 32.5 27.9 41.9

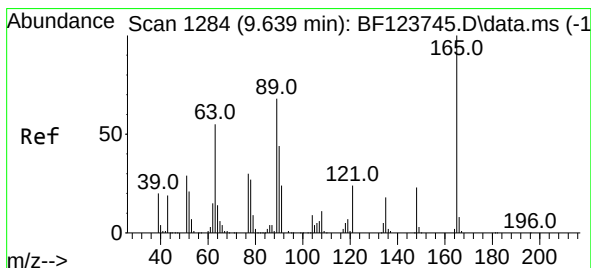
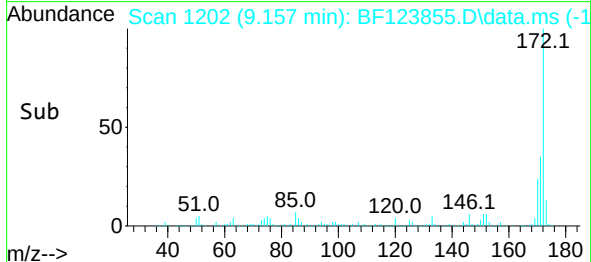
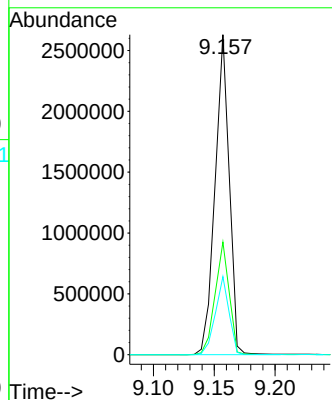
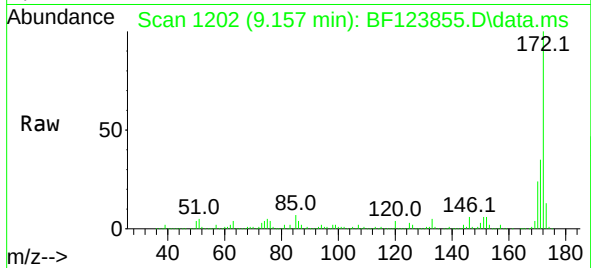




#45
2-Fluorobiphenyl
Concen: 87.23 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

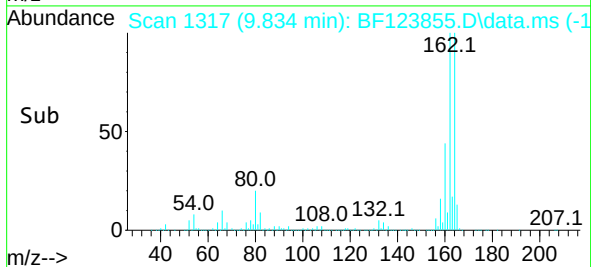
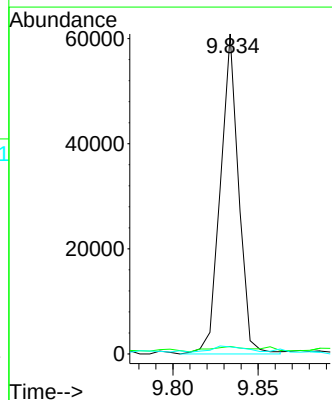
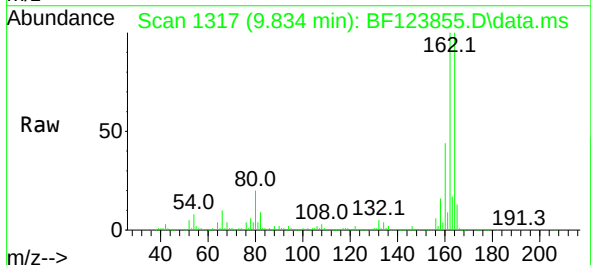
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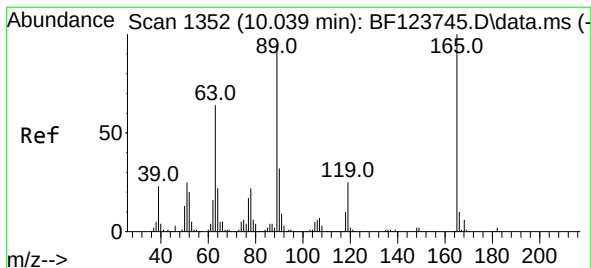
Tgt Ion:172 Resp: 2138831
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.4 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.82 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

Tgt Ion:165 Resp: 45486
Ion Ratio Lower Upper
165 100
63 2.4 67.7 101.5#
89 2.2 58.8 88.2#

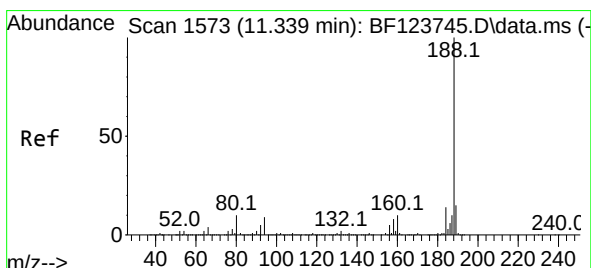
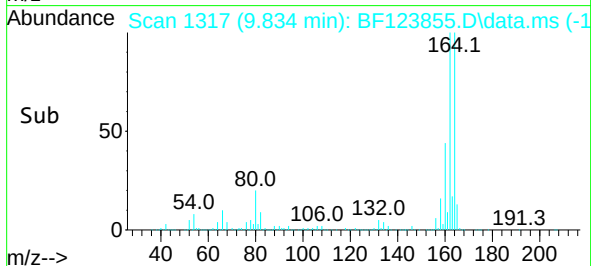
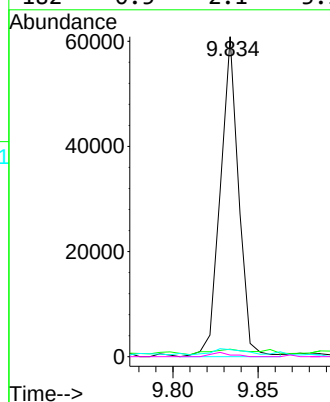
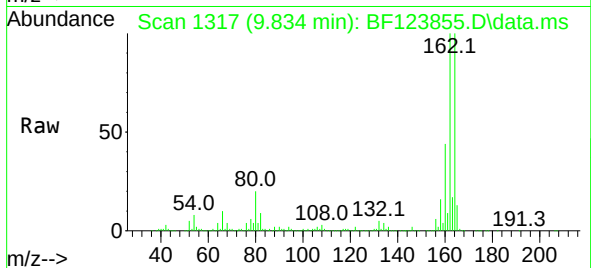




#57
2,4-Dinitrotoluene
Concen: 5.74 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

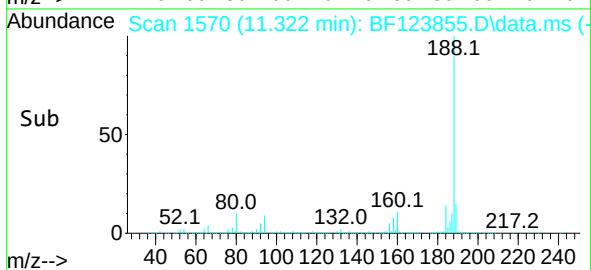
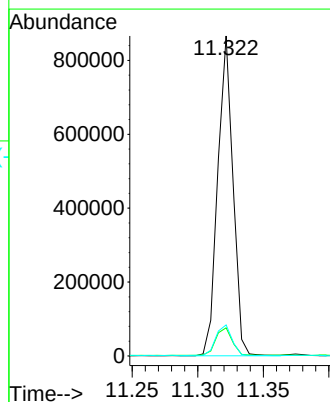
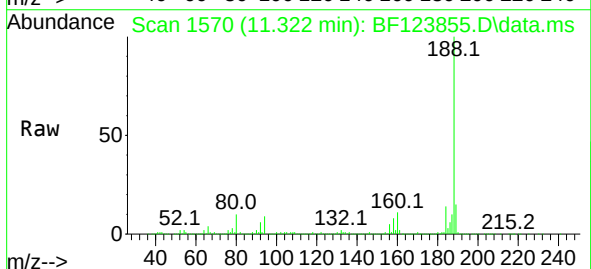
Instrument :
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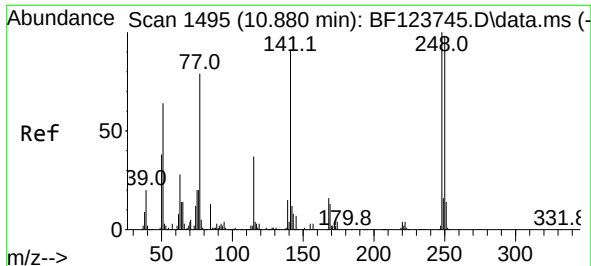
Tgt Ion:165 Resp: 45486
Ion Ratio Lower Upper
165 100
63 2.4 43.5 65.3#
89 2.2 67.7 101.5#
182 0.5 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

Tgt Ion:188 Resp: 699370
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.7 8.2 12.2

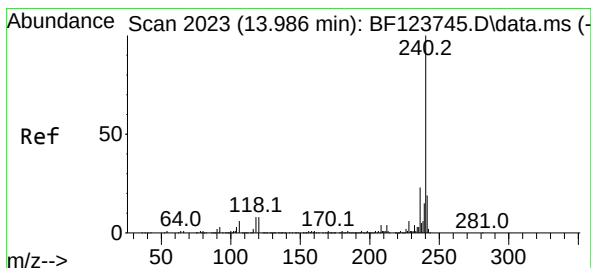
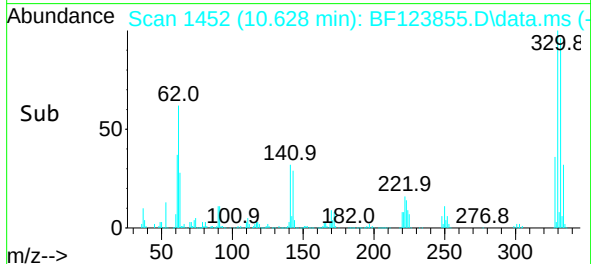
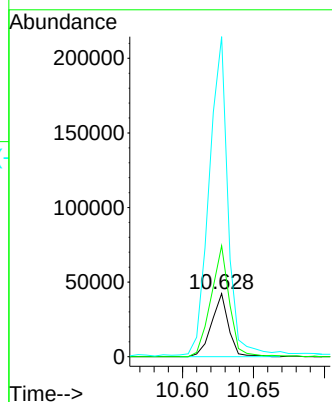
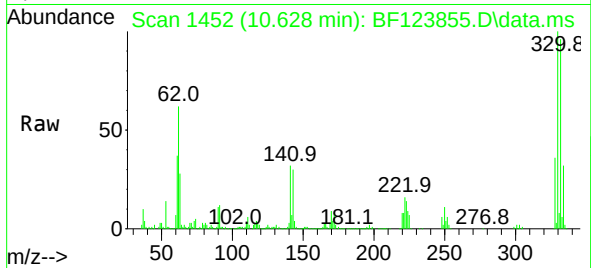




#67
4-Bromophenyl-phenylether
Concen: 4.77 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

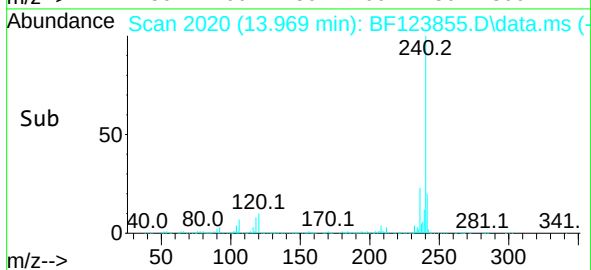
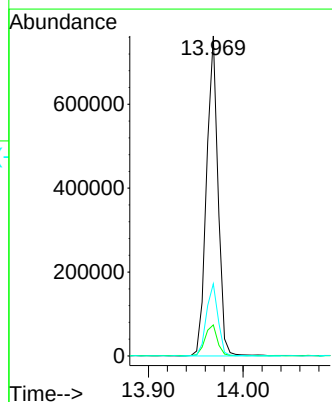
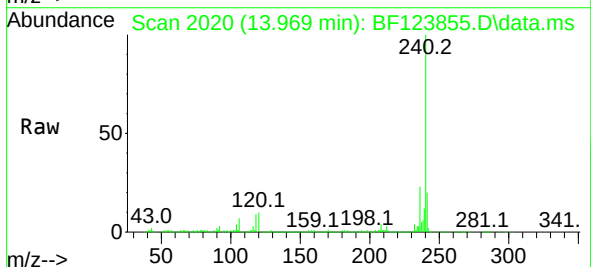
Instrument :
BNA_F
ClientSampleId :
DRW-2

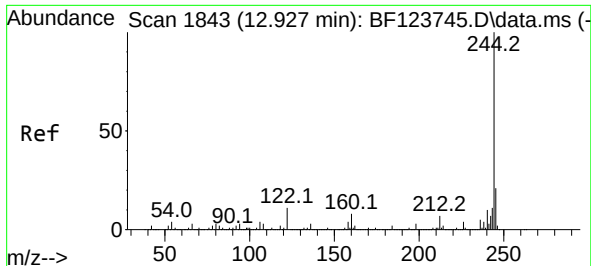
Tgt Ion:248 Resp: 35112
Ion Ratio Lower Upper
248 100
250 176.0 77.4 116.2#
141 508.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123855.D
Acq: 6 May 2021 15:25

Tgt Ion:240 Resp: 641229
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 22.6 19.0 28.4

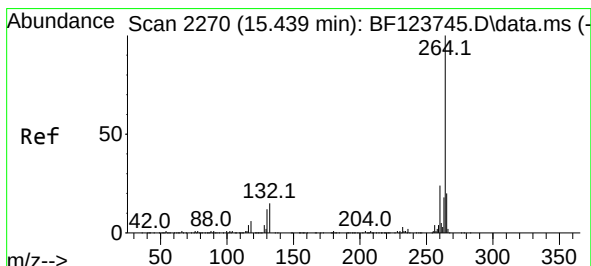
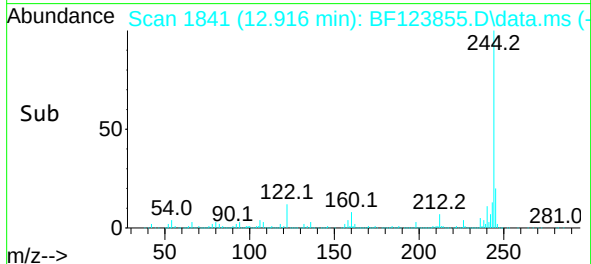
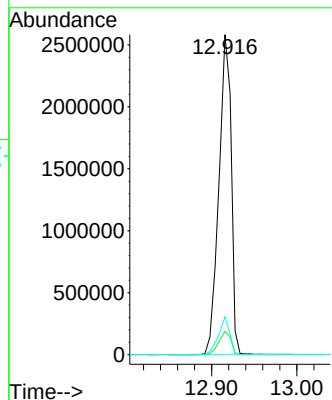
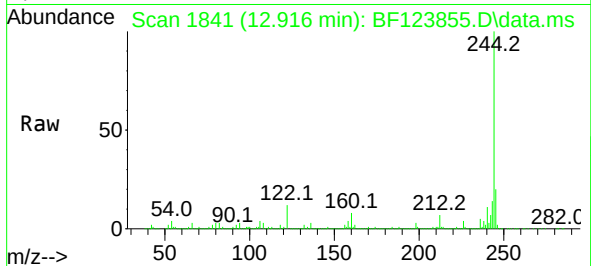




#79
 Terphenyl-d14
 Concen: 77.90 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF123855.D
 Acq: 6 May 2021 15:25

Instrument :
 BNA_F
 ClientSampleId :
 DRW-2

Tgt Ion:244 Resp: 2594012
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 11.8 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF123855.D
 Acq: 6 May 2021 15:25

Tgt Ion:264 Resp: 519372
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 22.8 17.8 26.8

