

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
 Data File : BF123903.D
 Acq On : 11 May 2021 3:54
 Operator : JU/CG
 Sample : PB136232TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136232TB

Quant Time: May 11 05:42:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 10 16:46:01 2021
 Response via : Initial Calibration

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

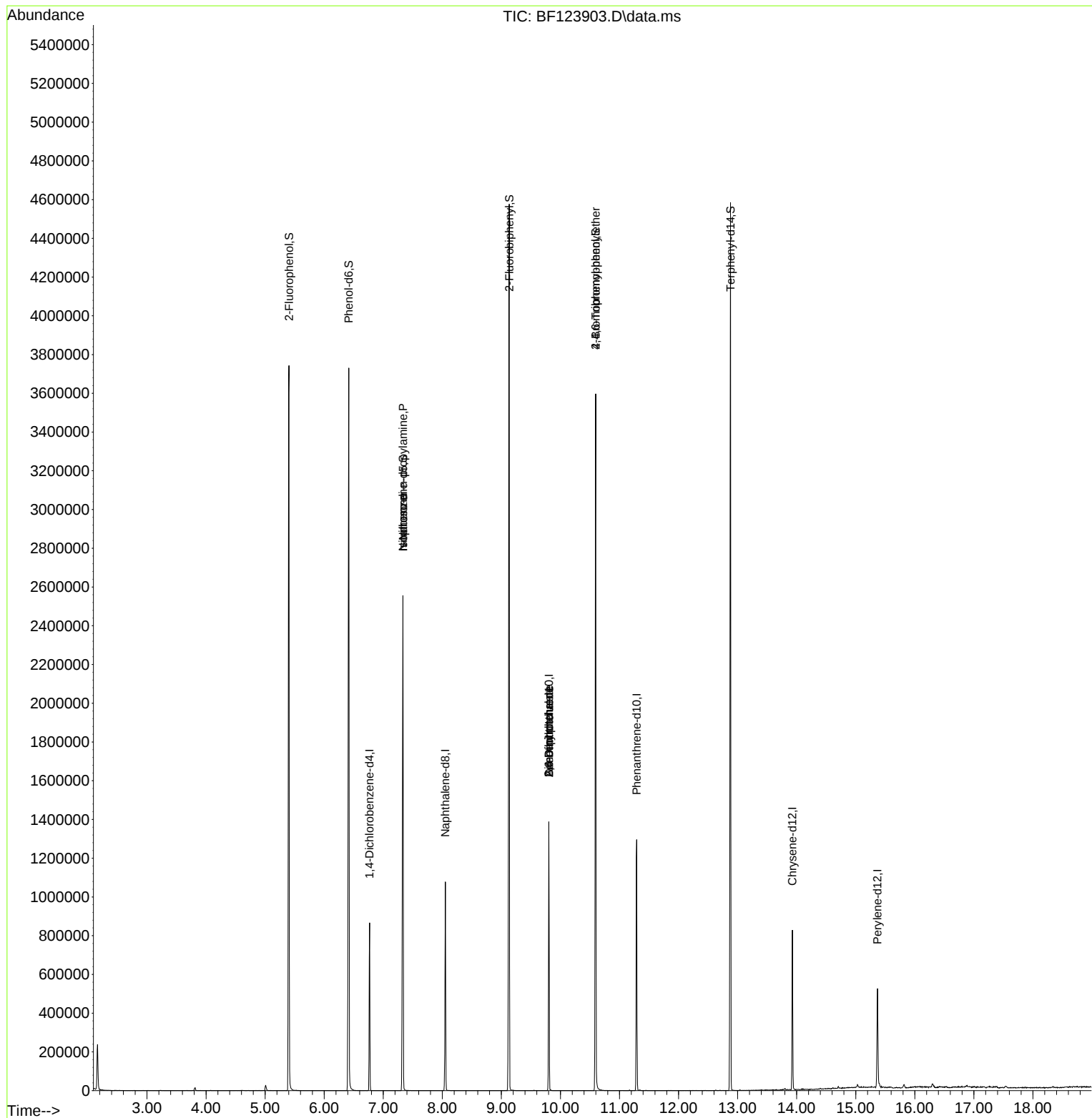
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	104571	20.00	ng	0.00
21) Naphthalene-d8	8.051	136	400332	20.00	ng	0.00
39) Acenaphthene-d10	9.804	164	238528	20.00	ng	0.00
64) Phenanthrene-d10	11.292	188	463671	20.00	ng	# 0.00
76) Chrysene-d12	13.927	240	268320	20.00	ng	# 0.00
86) Perylene-d12	15.368	264	225862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	838449	117.10	ng	0.01
7) Phenol-d6	6.416	99	1083400	113.36	ng	0.00
23) Nitrobenzene-d5	7.333	82	801513	83.11	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	409134	116.45	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1382957	72.35	ng	0.00
79) Terphenyl-d14	12.880	244	1410550	85.91	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.234	88	116	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.333	70	115558	19.75	ng	# 76
25) Isophorone	7.333	82	799006	48.14	ng	# 69
50) Dimethylphthalate	9.804	163	40688	2.25	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	29283	7.18	ng	# 12
57) 2,4-Dinitrotoluene	9.804	165	29283	5.21	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	22446	4.52	ng	# 1

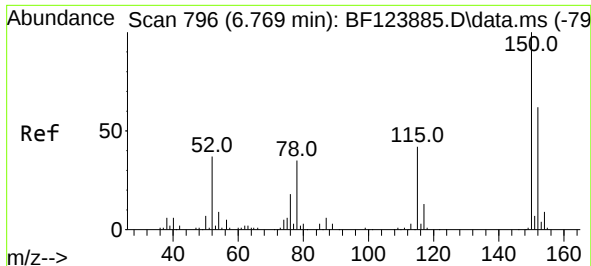
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
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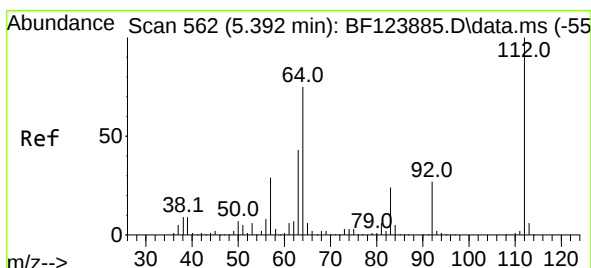
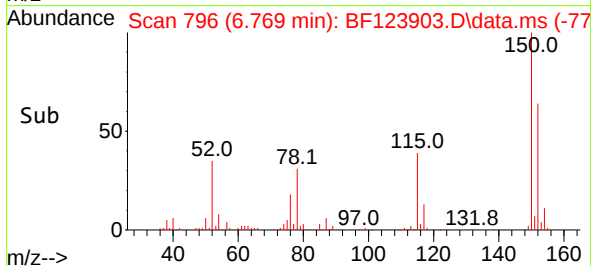
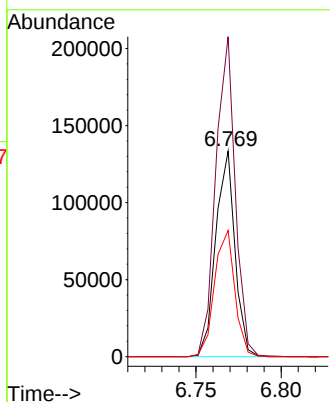
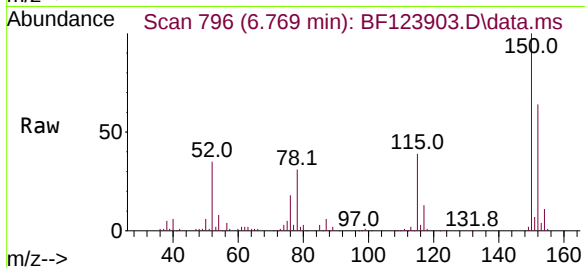




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

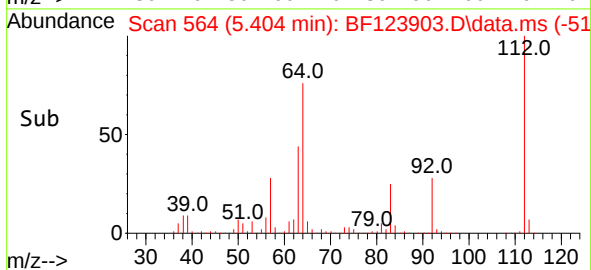
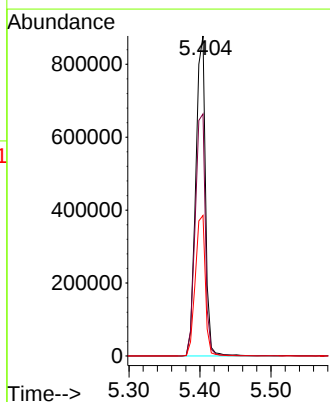
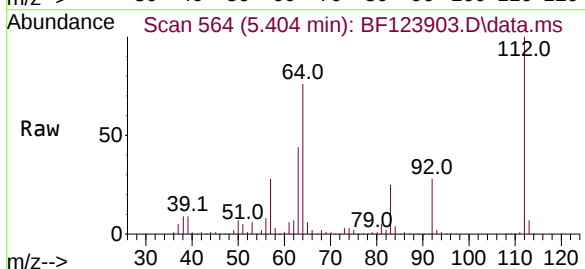
Instrument :
BNA_F
ClientSampleId :
PB136232TB

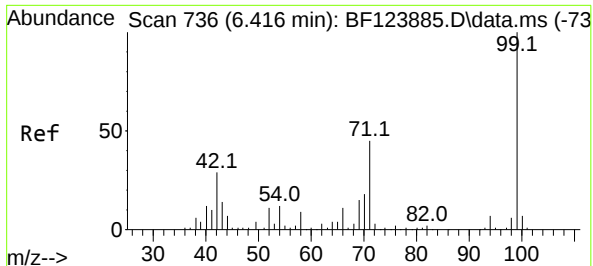
Tgt Ion:152 Resp: 104571
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.6
115 61.4 54.3 81.5



#5
2-Fluorophenol
Concen: 117.10 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

Tgt Ion:112 Resp: 838449
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 43.9 33.0 49.4

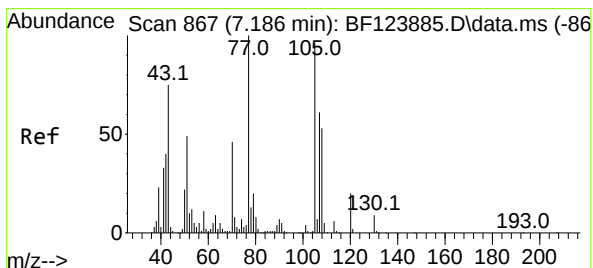
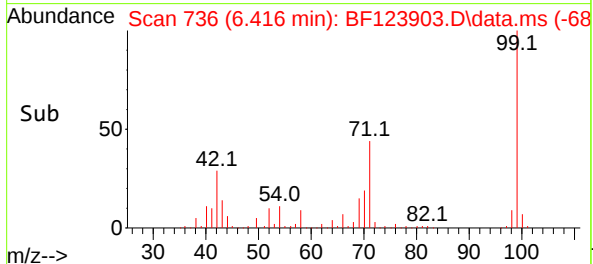
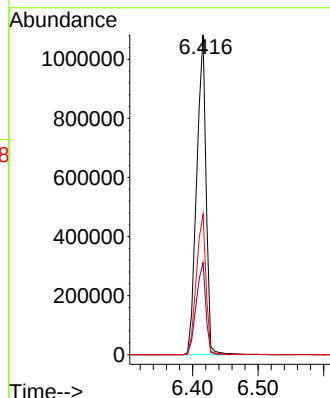
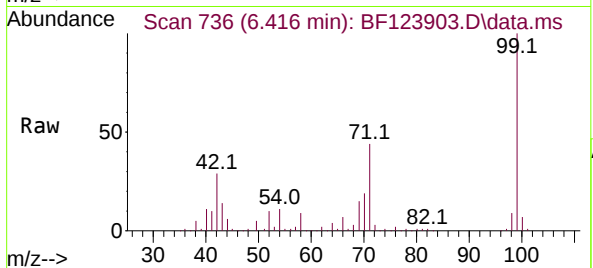




#7
Phenol-d6
Concen: 113.36 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

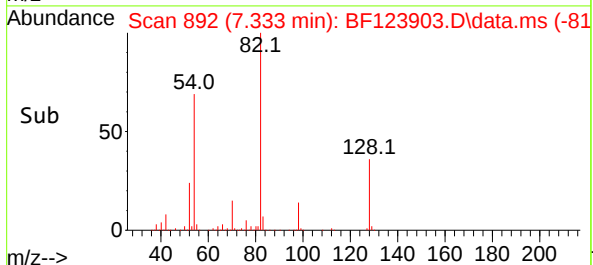
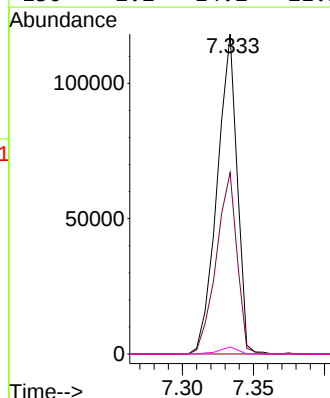
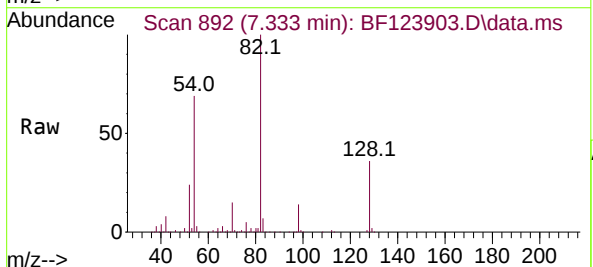
Instrument :
BNA_F
ClientSampleId :
PB136232TB

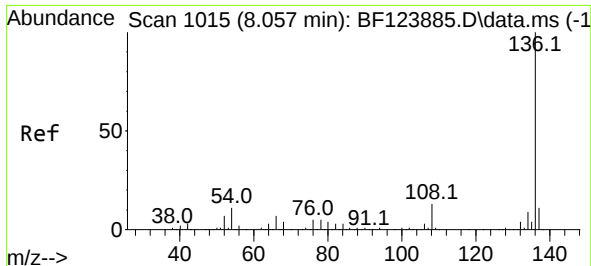
Tgt Ion: 99 Resp: 1083400
Ion Ratio Lower Upper
99 100
42 28.7 19.8 29.8
71 43.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.75 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

Tgt Ion: 70 Resp: 115558
Ion Ratio Lower Upper
70 100
42 56.7 60.1 90.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.2#

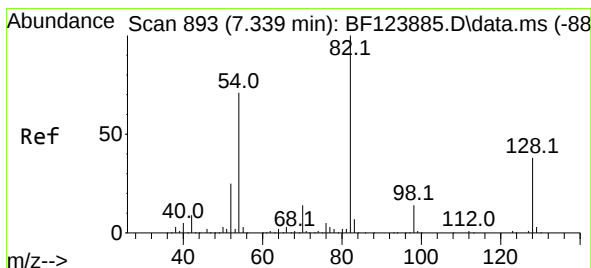
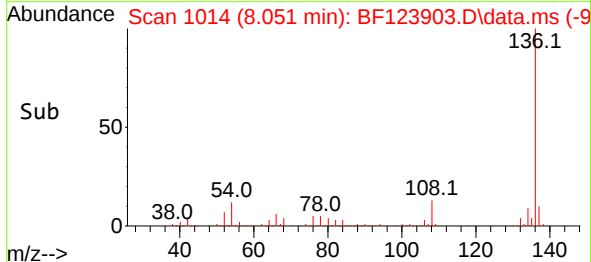
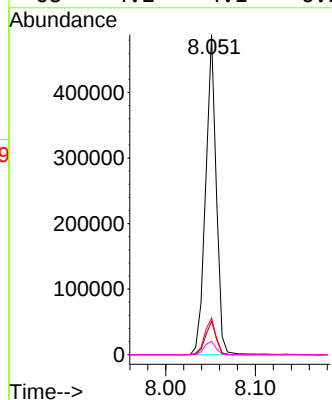
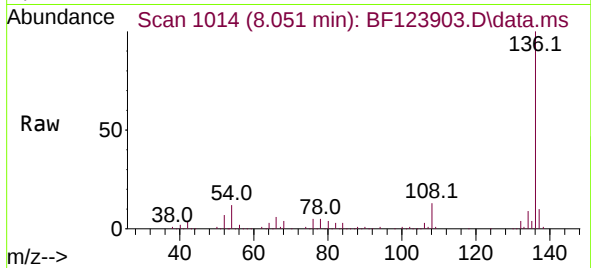




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

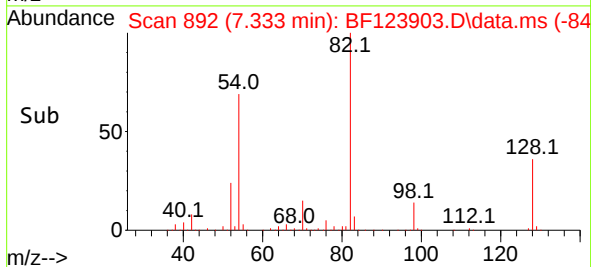
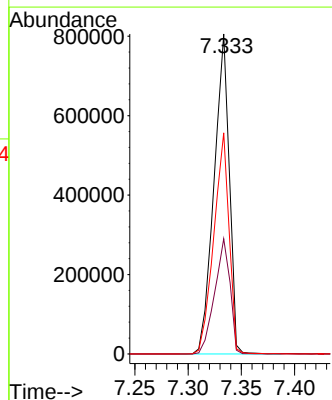
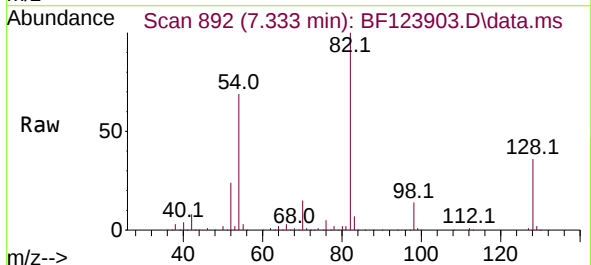
Instrument :
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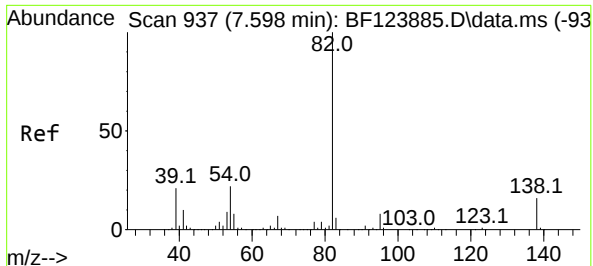
Tgt Ion:136	Resp: 400332
Ion Ratio	Lower Upper
136 100	
137 10.4	8.7 13.1
54 11.5	9.8 14.6
68 4.2	4.1 6.1



#23
Nitrobenzene-d5
Concen: 83.11 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

Tgt Ion: 82	Resp: 801513
Ion Ratio	Lower Upper
82 100	
128 36.0	29.4 44.2
54 69.1	54.1 81.1

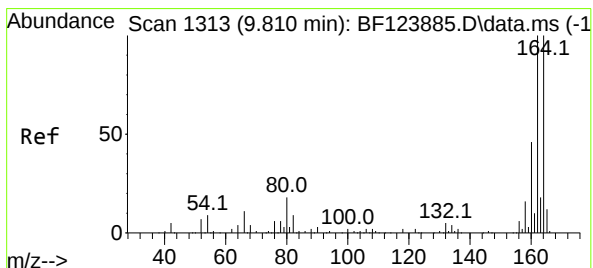
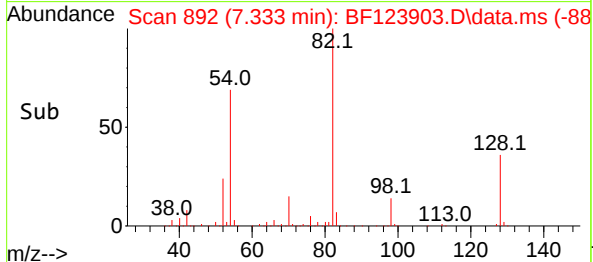
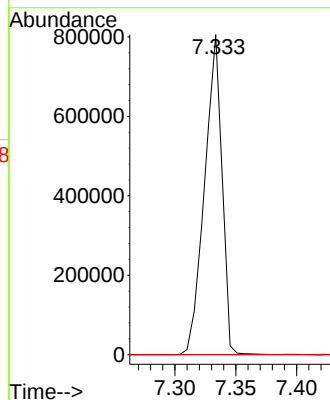
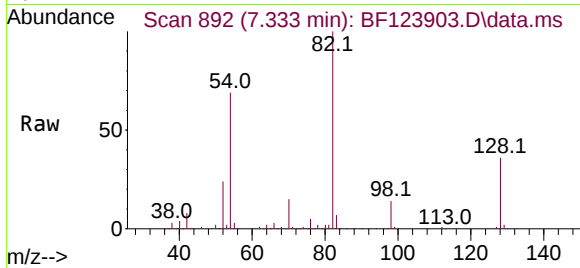




#25
Isophorone
Concen: 48.14 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

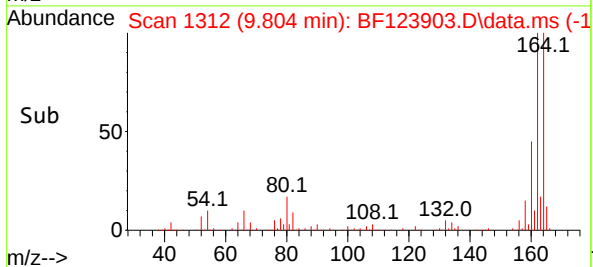
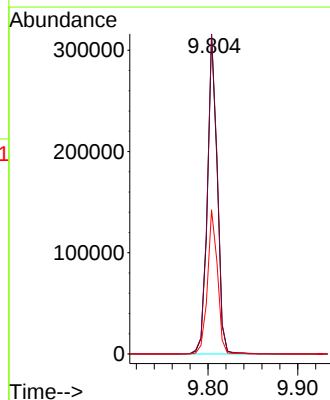
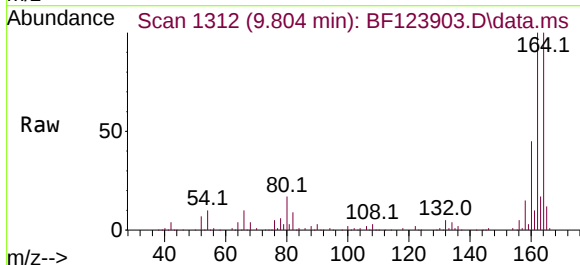
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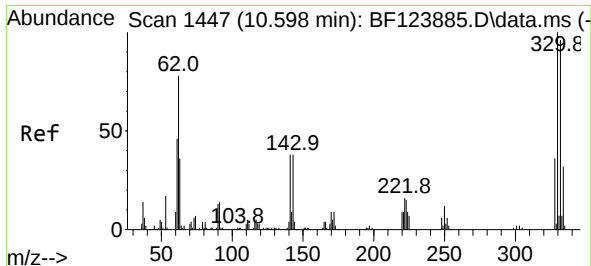
Tgt Ion: 82 Resp: 799006
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

Tgt Ion: 164 Resp: 238528
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 45.2 37.3 55.9

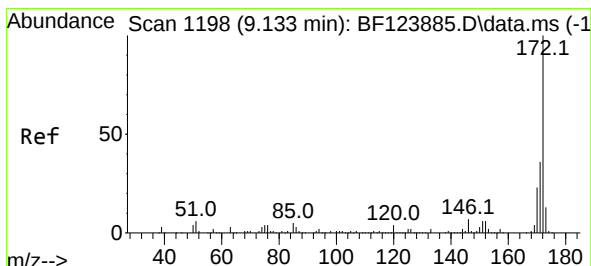
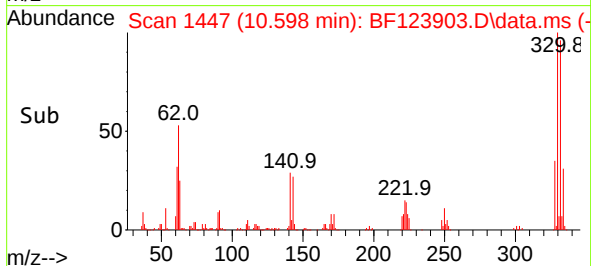
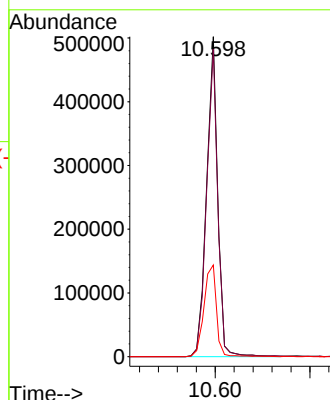
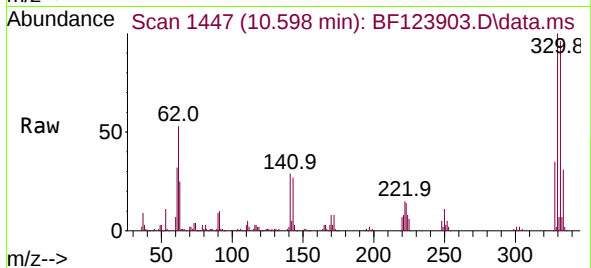




#42
2,4,6-Tribromophenol
Concen: 116.45 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

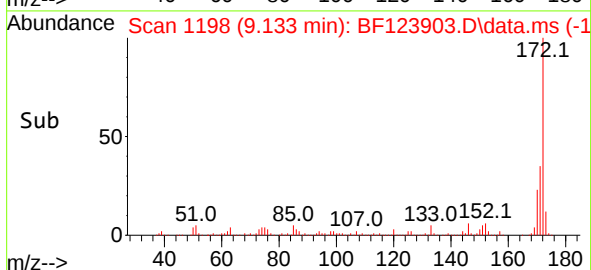
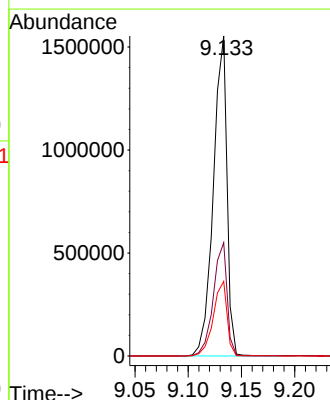
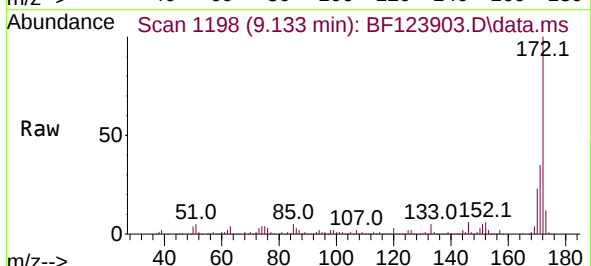
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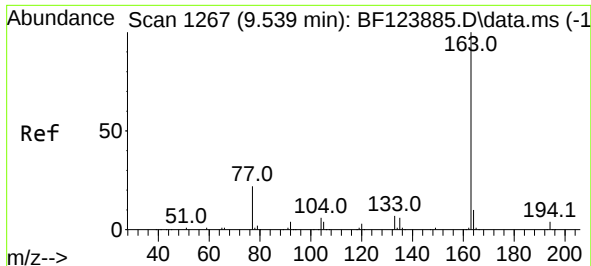
Tgt Ion: 330 Resp: 409134
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 32.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 72.35 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

Tgt Ion: 172 Resp: 1382957
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.3 19.2 28.8

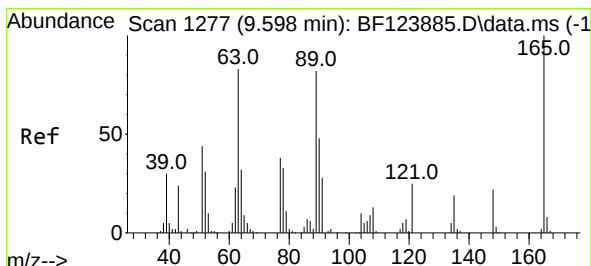
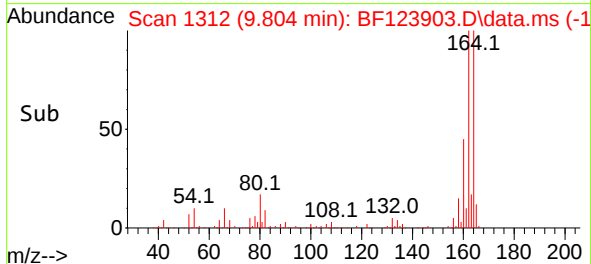
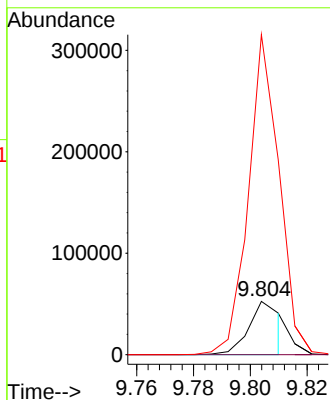
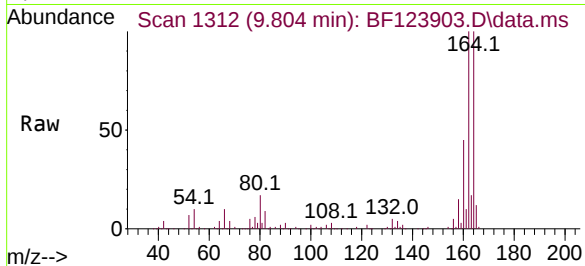




#50
Dimethylphthalate
Concen: 2.25 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.265 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

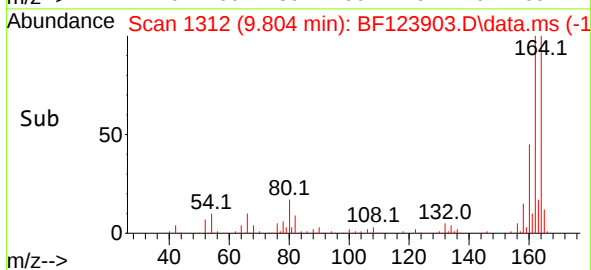
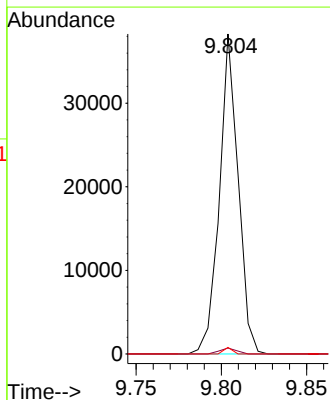
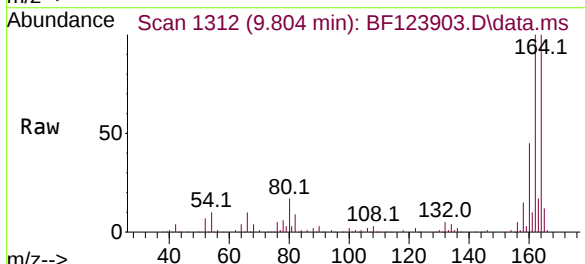
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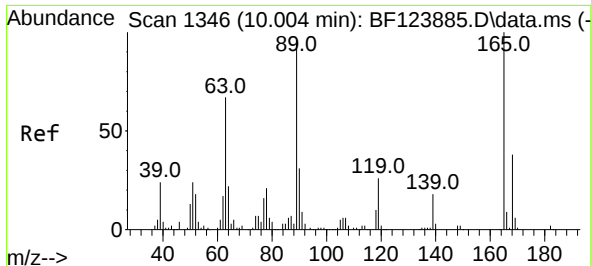
Tgt Ion:163 Resp: 40688
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 600.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.18 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.206 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

Tgt Ion:165 Resp: 29283
Ion Ratio Lower Upper
165 100
63 1.9 67.7 101.5#
89 2.1 58.8 88.2#

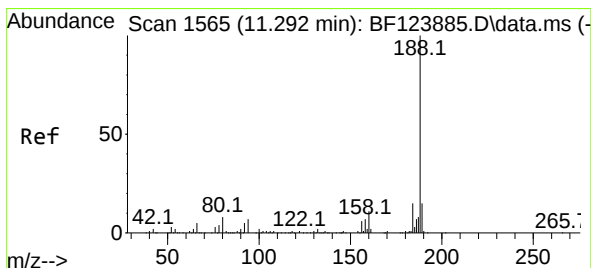
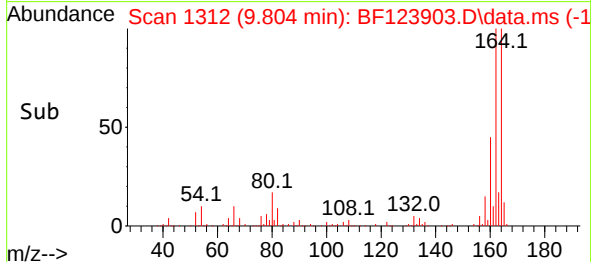
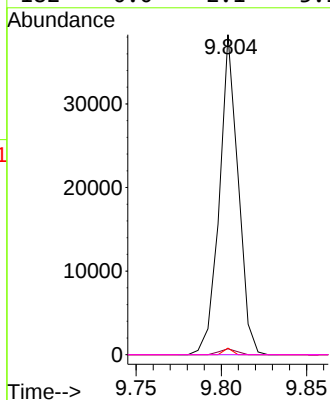
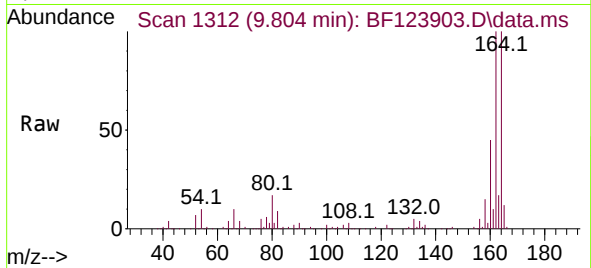




#57
2,4-Dinitrotoluene
Concen: 5.21 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.200 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

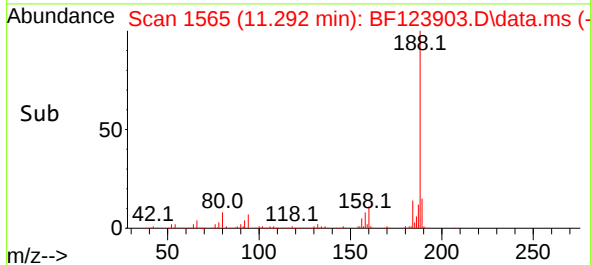
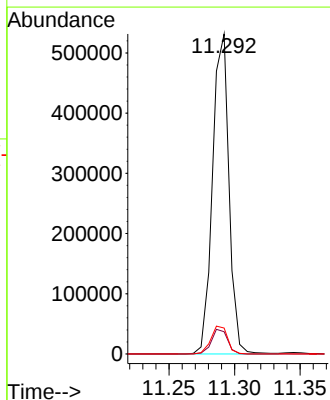
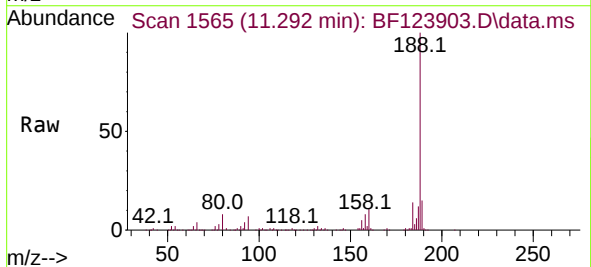
Instrument :
BNA_F
ClientSampleId :
PB136232TB

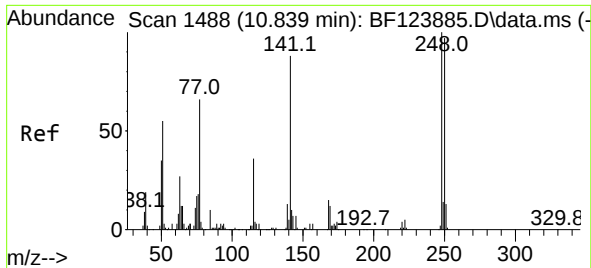
Tgt Ion:165	Resp:	29283
Ion Ratio	Lower	Upper
165	100	
63	1.9	43.5 65.3#
89	2.1	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

Tgt Ion:188	Resp:	463671
Ion Ratio	Lower	Upper
188	100	
94	7.0	6.9 10.3
80	8.1	8.2 12.2#

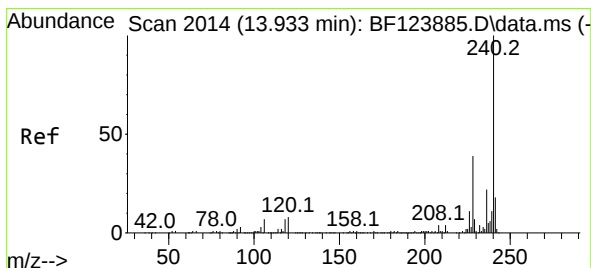
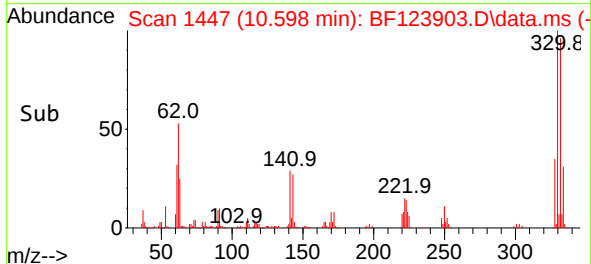
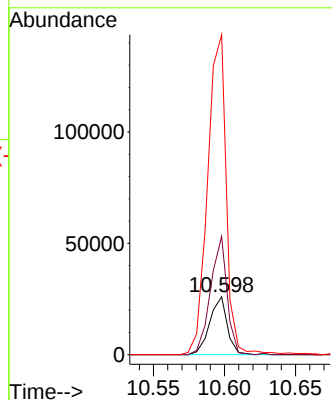
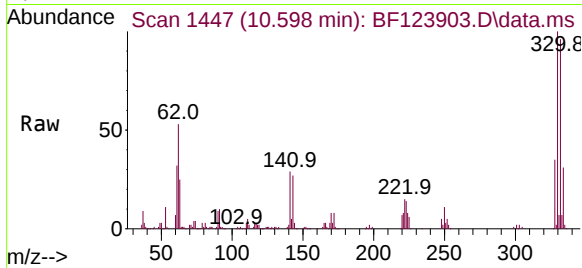




#67
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

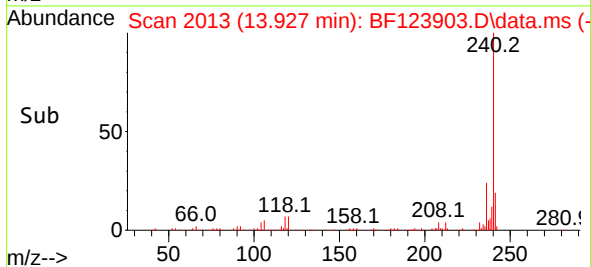
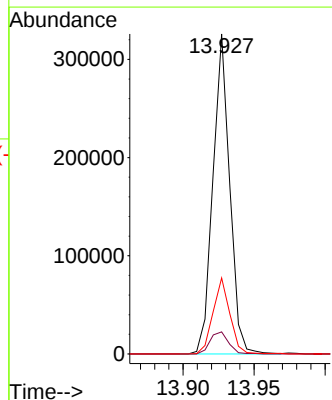
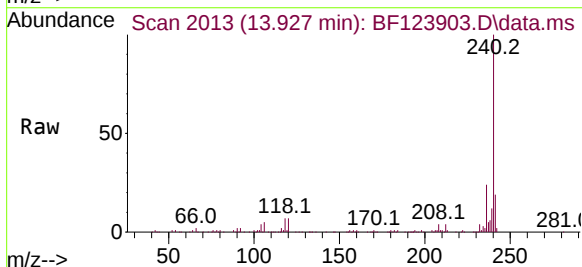
Instrument :
BNA_F
ClientSampleId :
PB136232TB

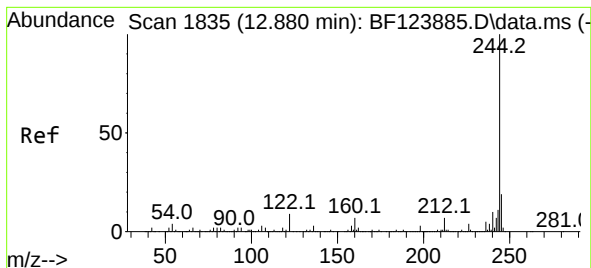
Tgt Ion:248 Resp: 22446
Ion Ratio Lower Upper
248 100
250 204.0 77.4 116.2#
141 552.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123903.D
Acq: 11 May 2021 3:54

Tgt Ion:240 Resp: 268320
Ion Ratio Lower Upper
240 100
120 6.9 7.2 10.8#
236 23.7 19.0 28.4





#79

Terphenyl-d14

Concen: 85.91 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BF123903.D

Acq: 11 May 2021 3:54

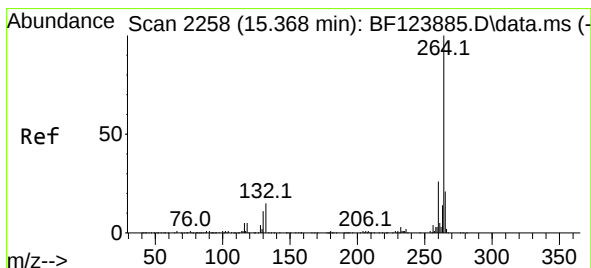
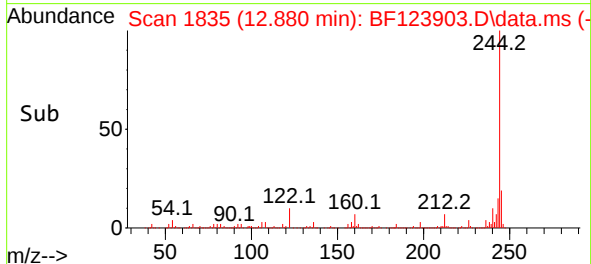
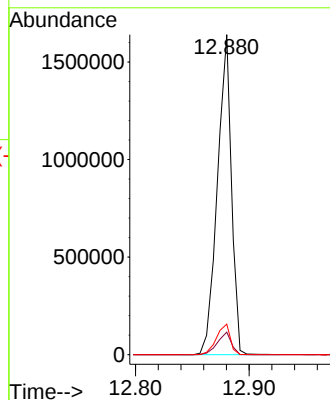
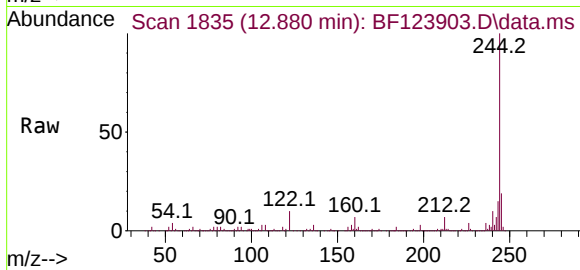
Tgt Ion:244 Resp: 1410550

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.5 9.7 14.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.368 min Scan# 2258

Delta R.T. 0.000 min

Lab File: BF123903.D

Acq: 11 May 2021 3:54

Tgt Ion:264 Resp: 225862

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 19.9 17.8 26.8

