

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
 Data File : BF123897.D
 Acq On : 10 May 2021 22:08
 Operator : JU/CG
 Sample : M2295-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-D-E

Quant Time: May 11 03:38:01 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

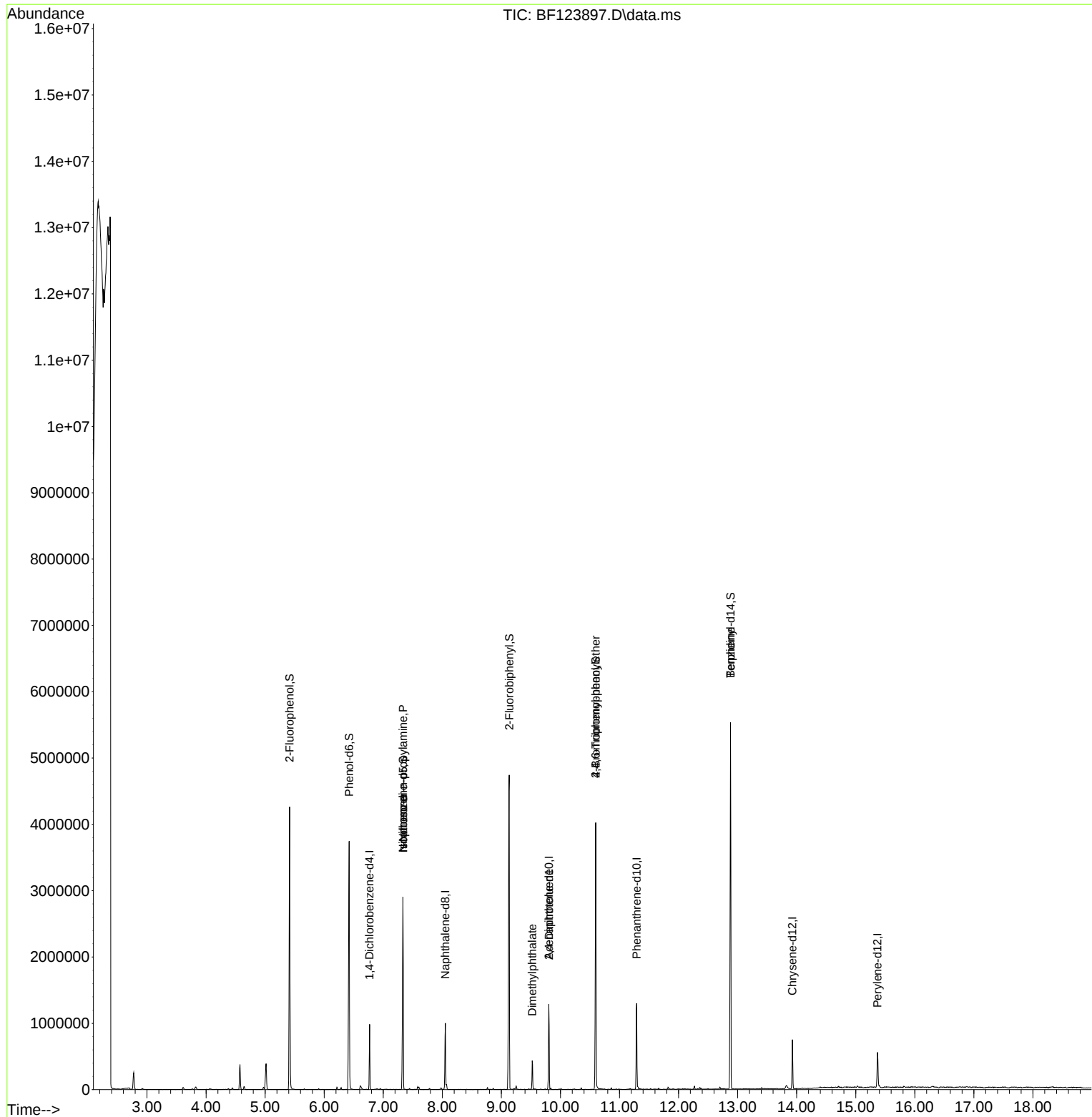
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	105468	20.00	ng	0.00
21) Naphthalene-d8	8.051	136	396546	20.00	ng	0.00
39) Acenaphthene-d10	9.804	164	247384	20.00	ng	0.00
64) Phenanthrene-d10	11.292	188	465194	20.00	ng	# 0.00
76) Chrysene-d12	13.927	240	235375	20.00	ng	0.00
86) Perylene-d12	15.368	264	236006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	887061	122.83	ng	0.02
7) Phenol-d6	6.422	99	1038616	107.75	ng	0.00
23) Nitrobenzene-d5	7.334	82	889501	93.11	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	456075	125.16	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1622383	81.84	ng	0.00
79) Terphenyl-d14	12.880	244	1807546	125.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.275	88	413	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.334	70	123031	20.84	ng	# 81
25) Isophorone	7.334	82	889490	54.11	ng	# 69
50) Dimethylphthalate	9.522	163	147641	7.86	ng	98
57) 2,4-Dinitrotoluene	9.804	165	31181	5.35	ng	# 17
67) 4-Bromophenyl-phenylether	10.598	248	25051	5.03	ng	# 1
77) Benzidine	12.880	184	26195	5.31	ng	# 92
87) Indeno(1,2,3-cd)pyrene	16.798	276	107	Below Cal	#	1

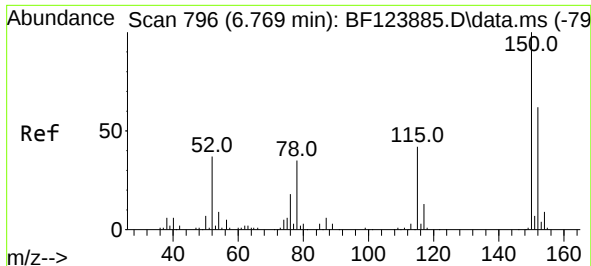
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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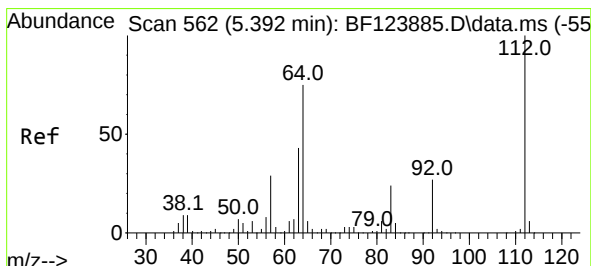
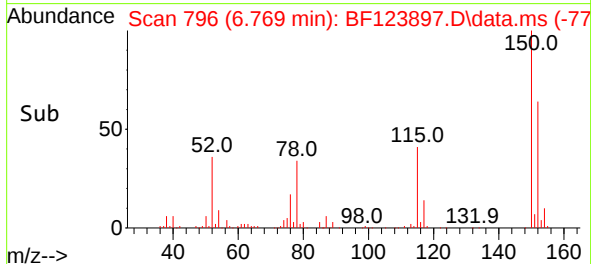
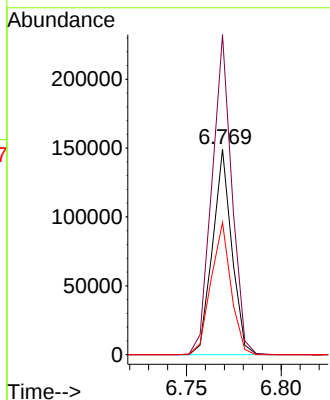
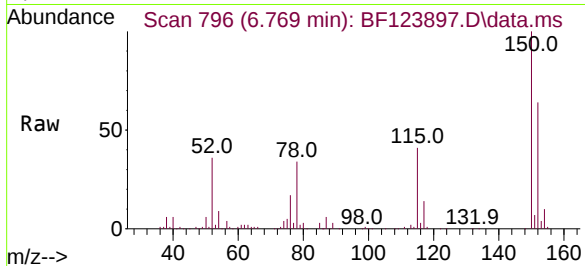




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

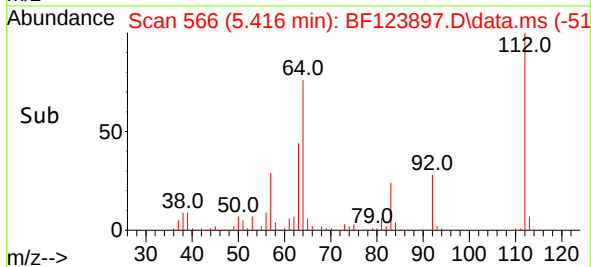
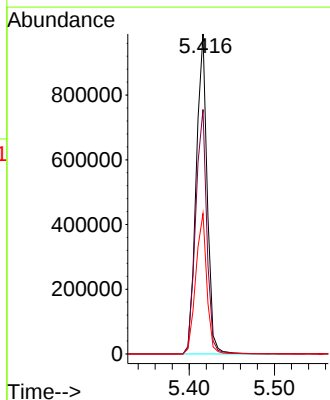
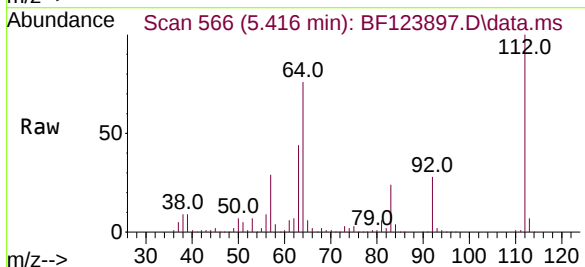
Instrument :
BNA_F
ClientSampleId :
DRUM-D-E

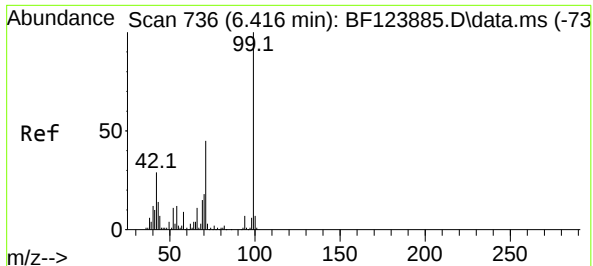
Tgt Ion:152 Resp: 105468
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.6
115 64.4 54.3 81.5



#5
2-Fluorophenol
Concen: 122.83 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.024 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

Tgt Ion:112 Resp: 887061
Ion Ratio Lower Upper
112 100
64 76.4 61.4 92.0
63 43.9 33.0 49.4

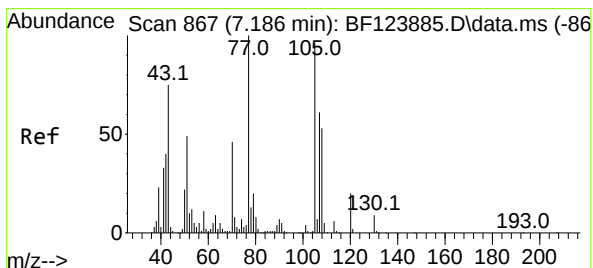
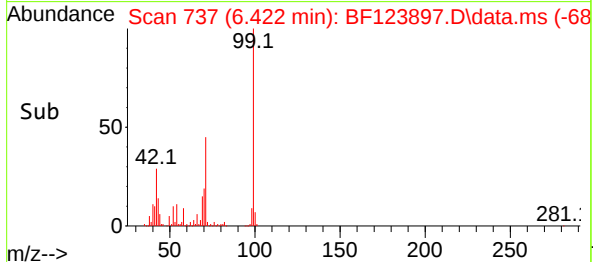
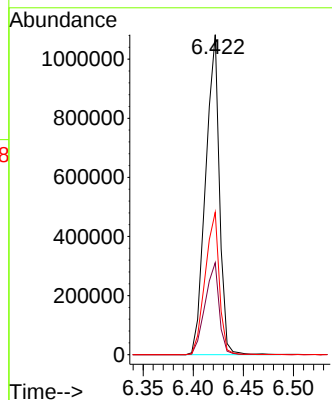
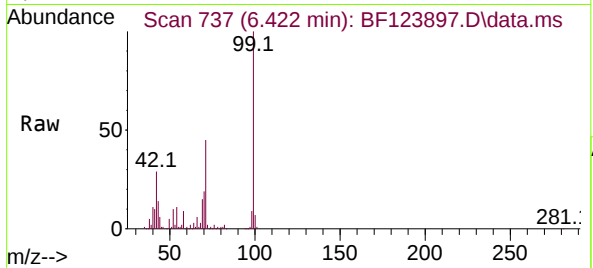




#7
Phenol-d6
Concen: 107.75 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

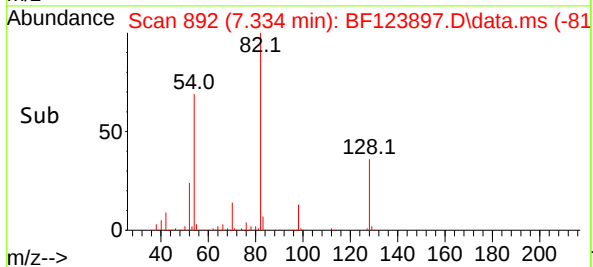
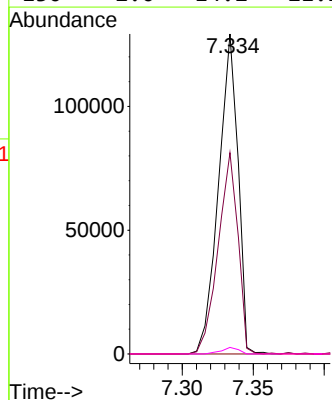
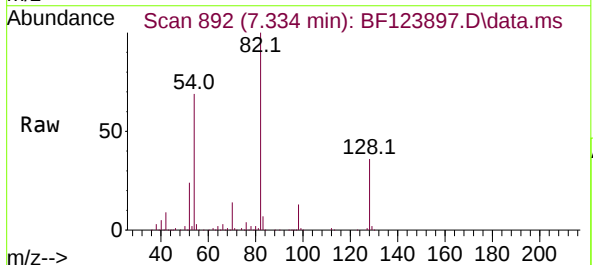
Instrument :
BNA_F
ClientSampled :
DRUM-D-E

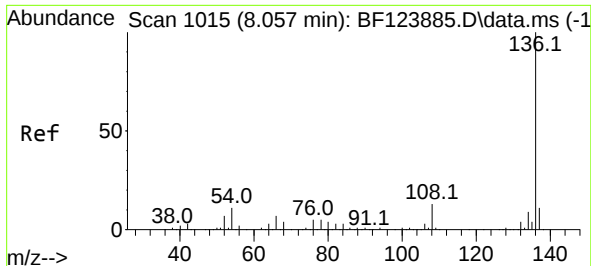
Tgt Ion: 99 Resp: 1038616
Ion Ratio Lower Upper
99 100
42 28.8 19.8 29.8
71 44.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.84 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

Tgt Ion: 70 Resp: 123031
Ion Ratio Lower Upper
70 100
42 62.9 60.1 90.1
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#

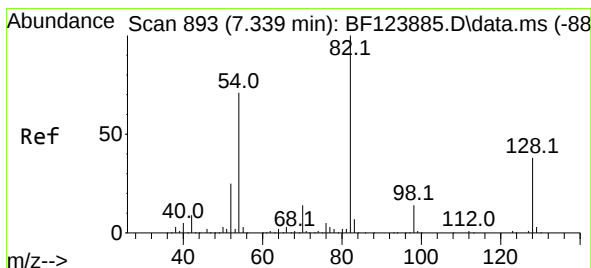
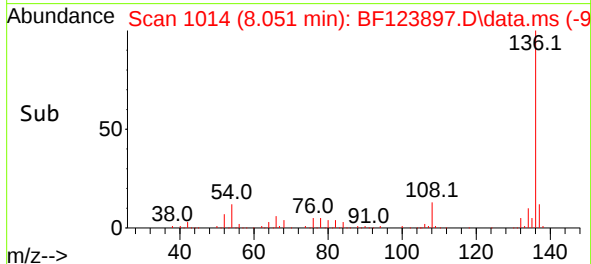
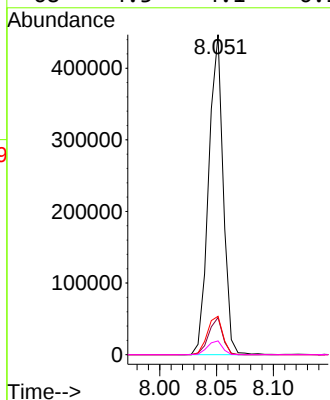
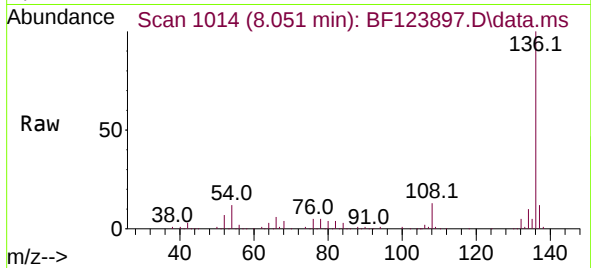




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

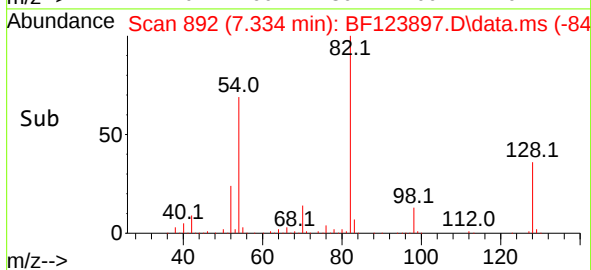
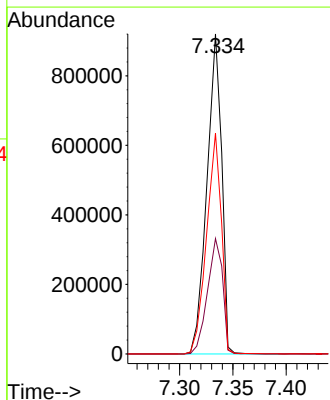
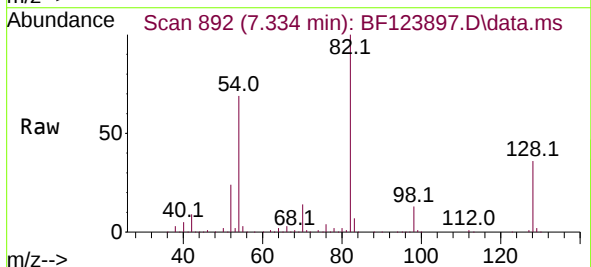
Instrument :
BNA_F
ClientSampleId :
DRUM-D-E

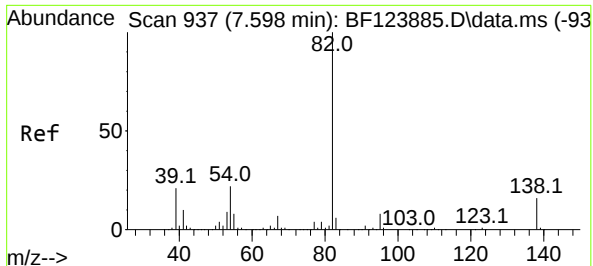
Tgt	Ion:136	Resp:	396546
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	12.0	9.8	14.6
68	4.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 93.11 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

Tgt Ion: 82	Resp: 889501
Ion Ratio	Lower Upper
82 100	
128 36.1	29.4 44.2
54 69.0	54.1 81.1

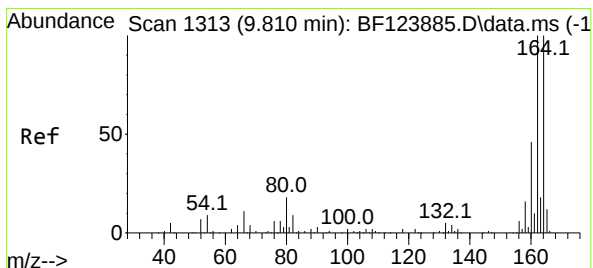
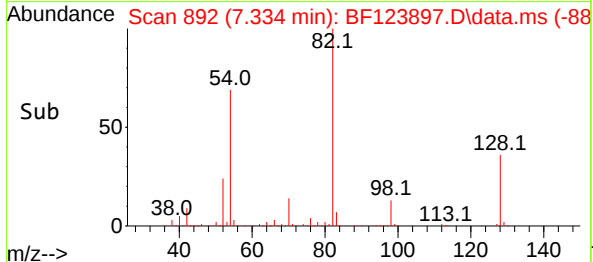
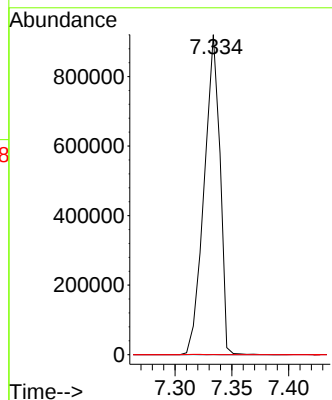
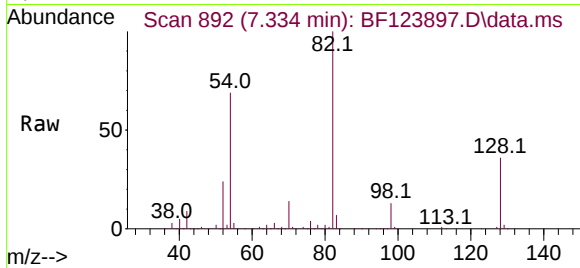




#25
Isophorone
Concen: 54.11 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

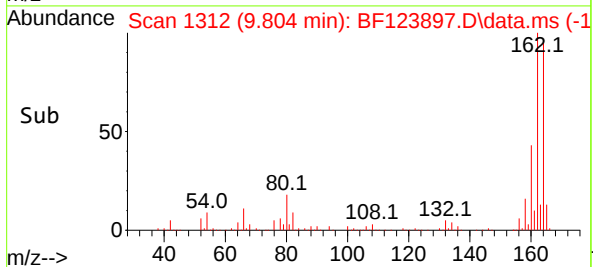
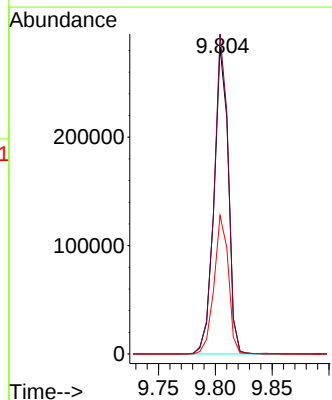
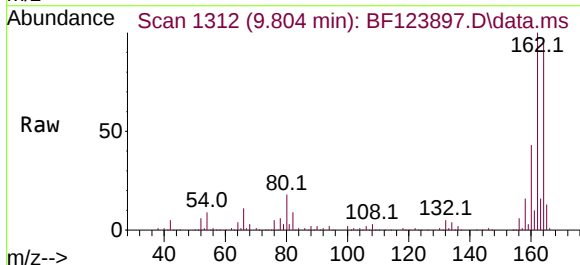
Instrument :
BNA_F
ClientSampleId :
DRUM-D-E

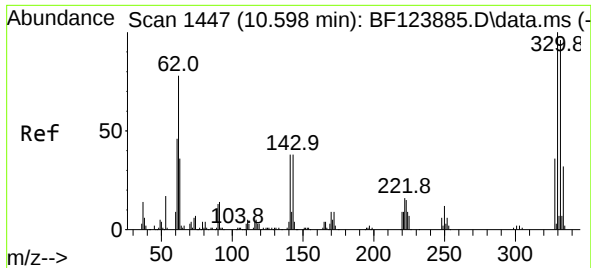
Tgt Ion: 82 Resp: 889490
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

Tgt Ion: 164 Resp: 247384
Ion Ratio Lower Upper
164 100
162 104.3 80.7 121.1
160 45.2 37.3 55.9

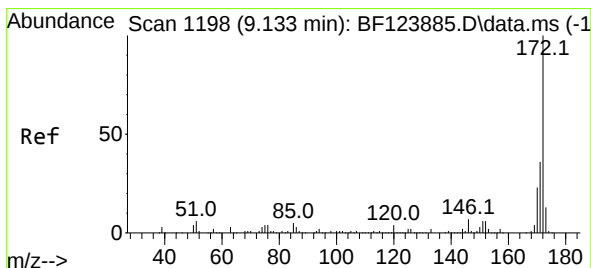
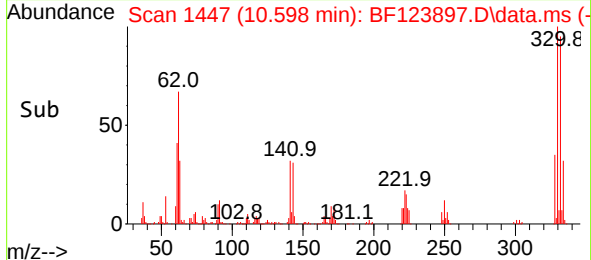
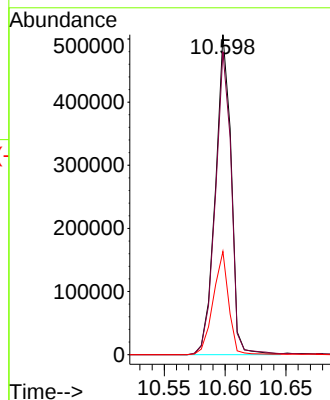
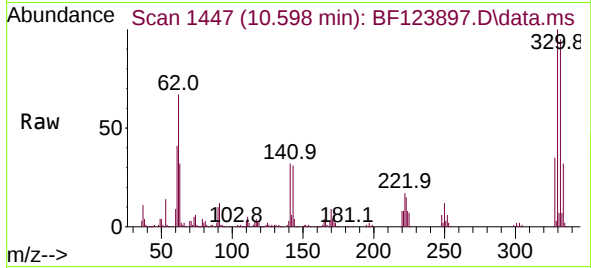




#42
2,4,6-Tribromophenol
Concen: 125.16 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

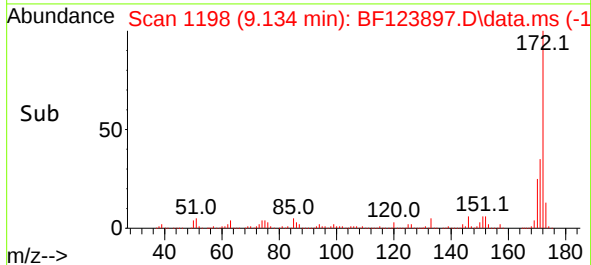
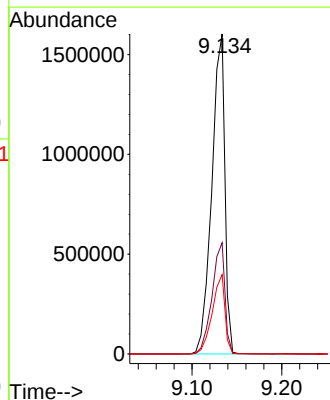
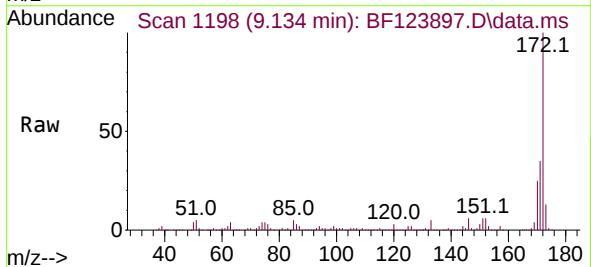
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DRUM-D-E

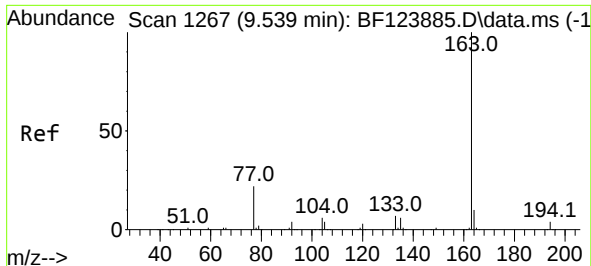
Tgt Ion: 330 Resp: 456075
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 31.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 81.84 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

Tgt Ion: 172 Resp: 1622383
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 24.8 19.2 28.8

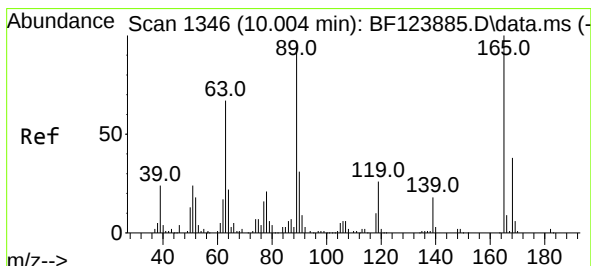
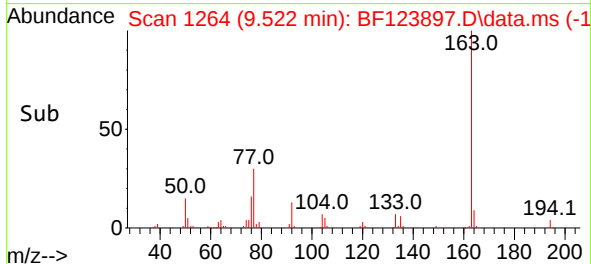
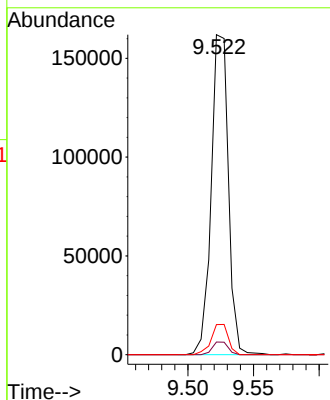
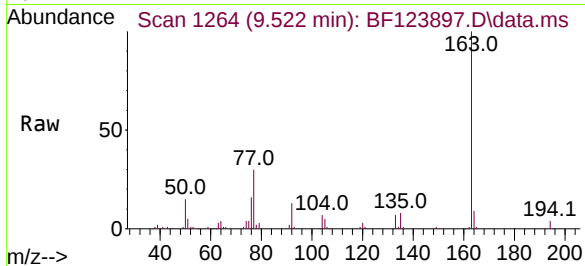




#50
Dimethylphthalate
Concen: 7.86 ng
RT: 9.522 min Scan# 1264
Delta R.T. -0.017 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

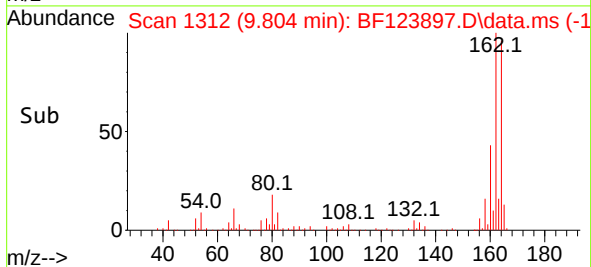
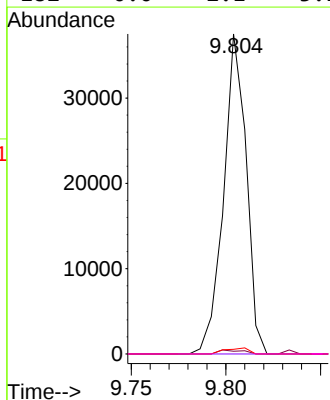
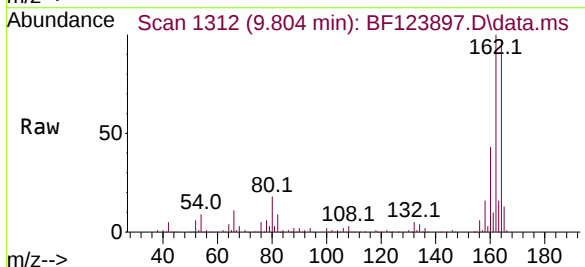
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DRUM-D-E

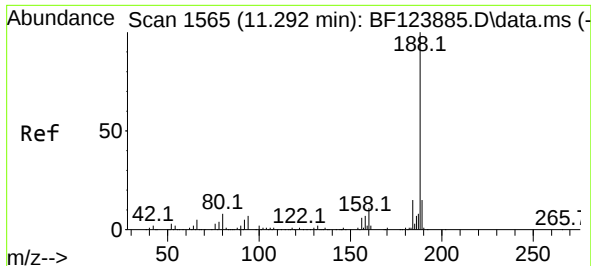
Tgt Ion:163 Resp: 147641
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.4 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.35 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.200 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

Tgt Ion:165 Resp: 31181
Ion Ratio Lower Upper
165 100
63 0.9 43.5 65.3#
89 1.4 67.7 101.5#
182 0.0 2.1 3.1#

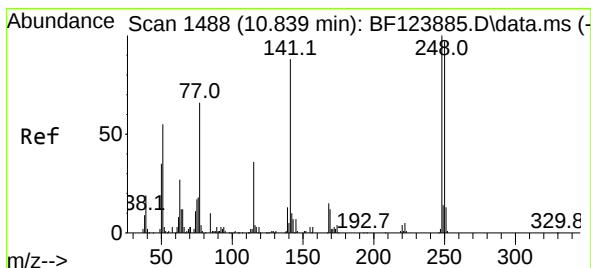
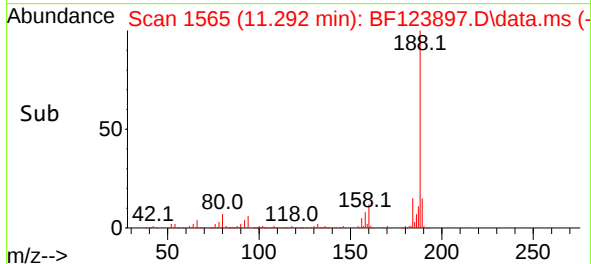
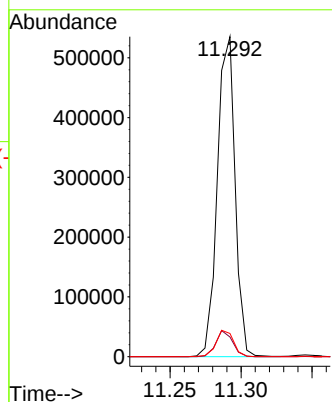
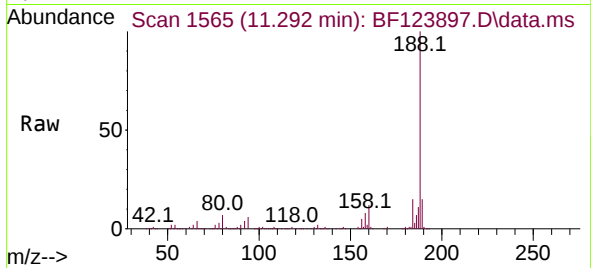




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

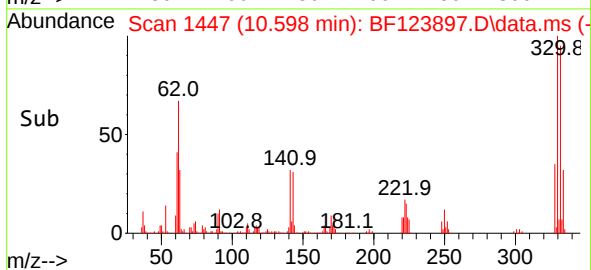
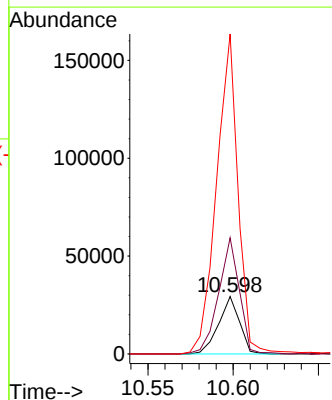
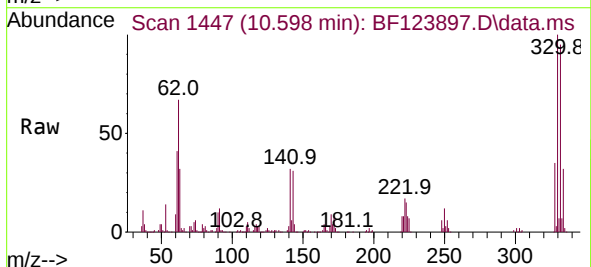
Instrument :
BNA_F
ClientSampleId :
DRUM-D-E

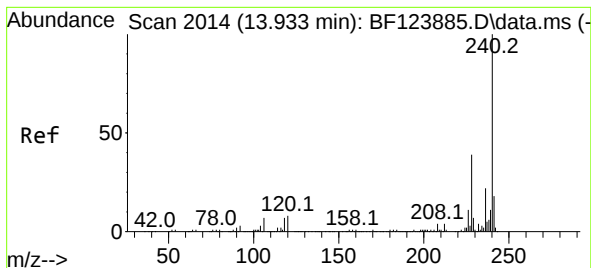
Tgt Ion:188 Resp: 465194
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.3 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 5.03 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF123897.D
Acq: 10 May 2021 22:08

Tgt Ion:248 Resp: 25051
Ion Ratio Lower Upper
248 100
250 202.0 77.4 116.2#
141 556.8 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: BF123897.D

Acq: 10 May 2021 22:08

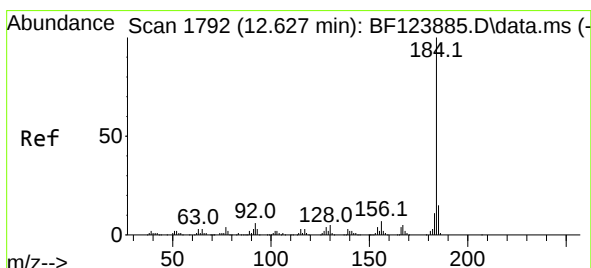
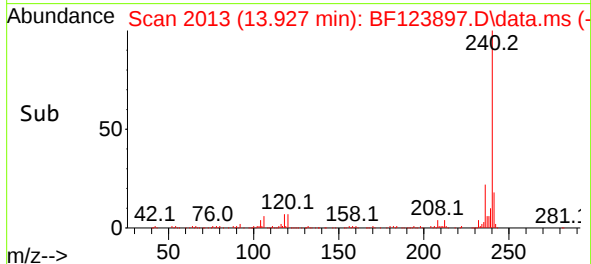
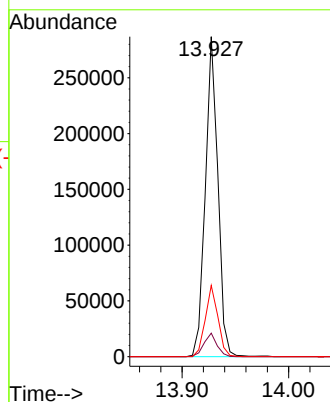
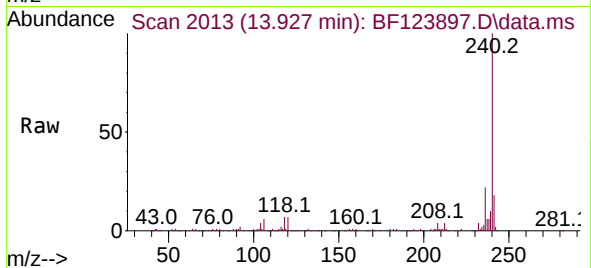
Tgt Ion:240 Resp: 235375

Ion Ratio Lower Upper

240 100

120 7.4 7.2 10.8

236 22.2 19.0 28.4



#77

Benzidine

Concen: 5.31 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.253 min

Lab File: BF123897.D

Acq: 10 May 2021 22:08

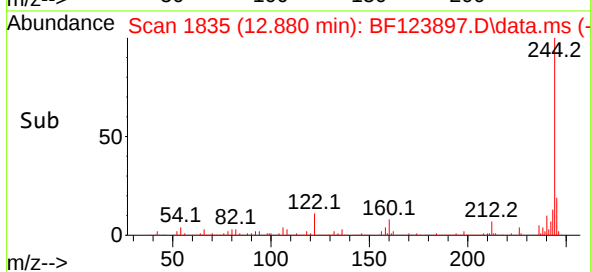
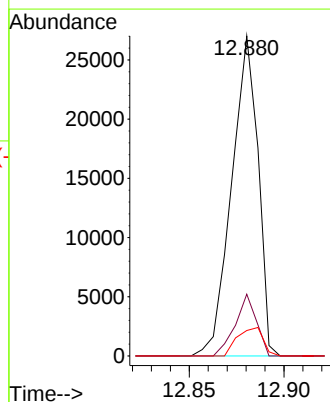
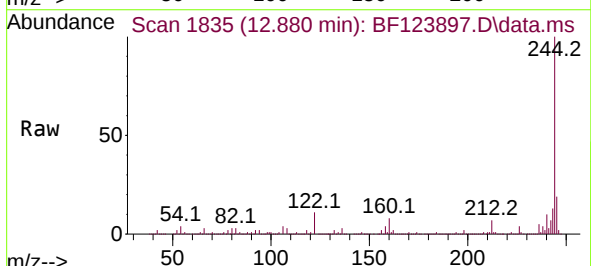
Tgt Ion:184 Resp: 26195

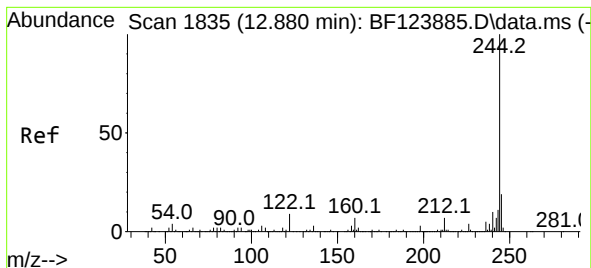
Ion Ratio Lower Upper

184 100

185 19.3 12.1 18.1#

183 7.9 7.8 11.8





#79

Terphenyl-d14

Concen: 125.50 ng

RT: 12.880 min Scan# 1835

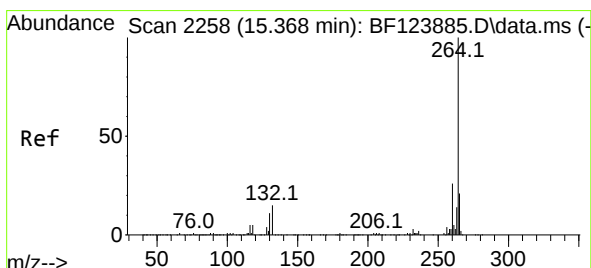
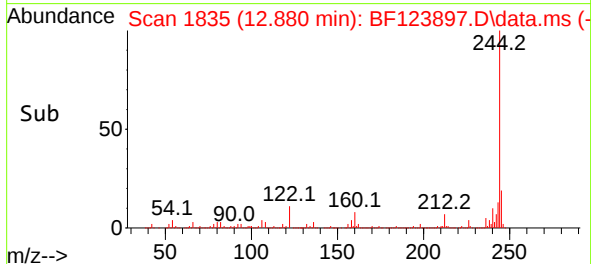
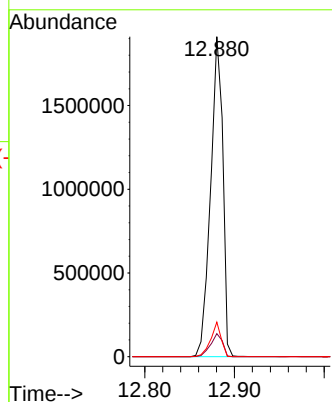
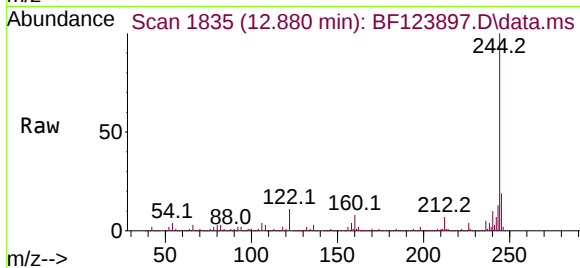
Delta R.T. 0.000 min

Lab File: BF123897.D

Acq: 10 May 2021 22:08

Tgt Ion:244 Resp: 1807546

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.8	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: BF123897.D

Acq: 10 May 2021 22:08

Tgt Ion:264 Resp: 236006

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	20.5	17.8	26.8

