

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
 Data File : BF123877.D
 Acq On : 7 May 2021 21:03
 Operator : JU/CG
 Sample : M2295-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-B-C

Quant Time: May 08 00:33:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 13:43:24 2021
 Response via : Initial Calibration

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

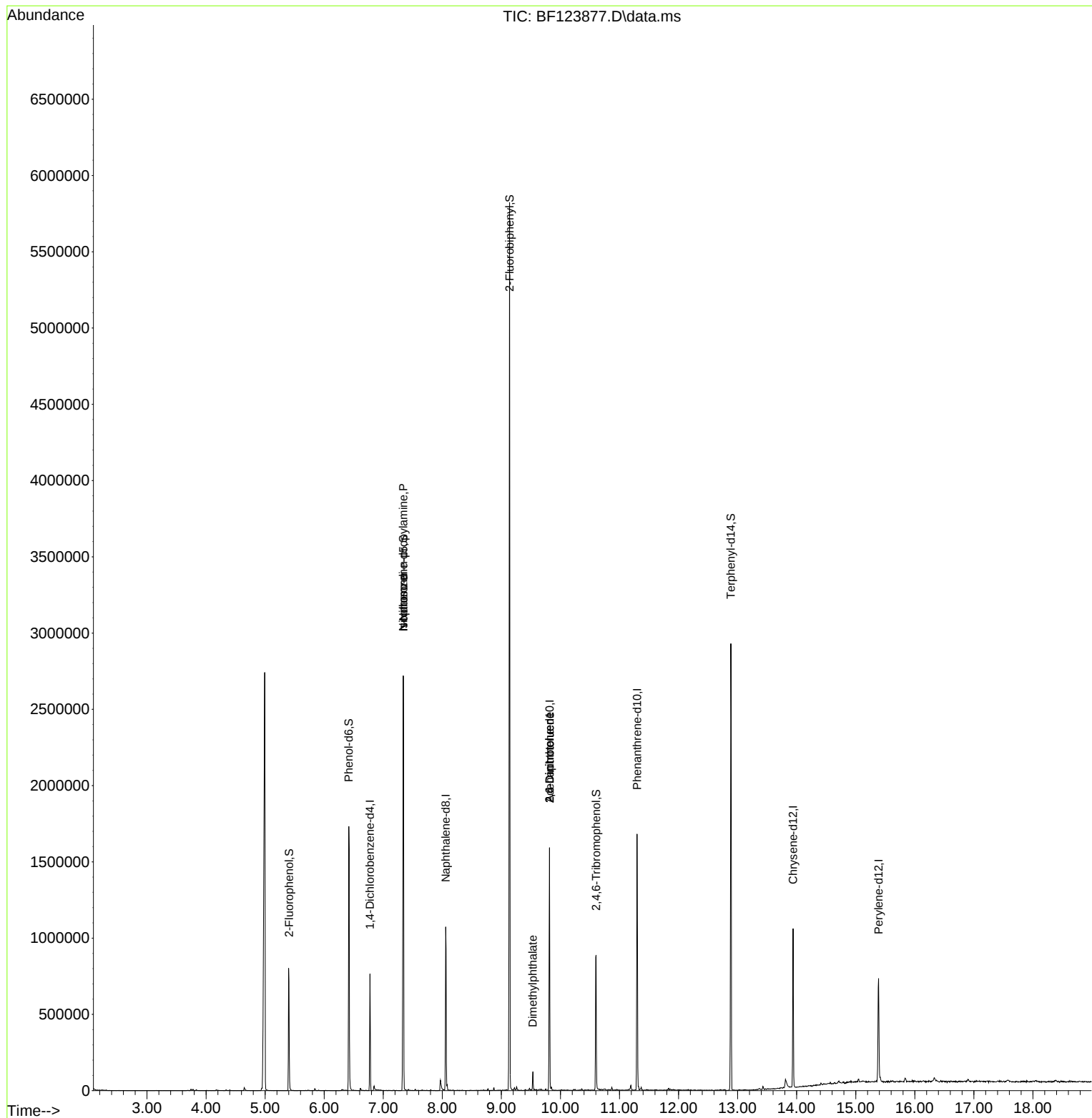
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	85632	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	429243	20.00	ng	0.00
39) Acenaphthene-d10	9.816	164	277063	20.00	ng	0.00
64) Phenanthrene-d10	11.298	188	534094	20.00	ng	0.00
76) Chrysene-d12	13.939	240	330910	20.00	ng	0.00
86) Perylene-d12	15.386	264	313488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	165957	30.70	ng	0.00
7) Phenol-d6	6.416	99	452729	60.80	ng	-0.01
23) Nitrobenzene-d5	7.340	82	819986	86.24	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	109658	31.79	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1507002	79.21	ng	0.00
79) Terphenyl-d14	12.886	244	961125	55.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.340	70	113637	24.72	ng	Qvalue
25) Isophorone	7.340	82	818026	45.88	ng	# 77
50) Dimethylphthalate	9.533	163	39848	2.04	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	34735	7.70	ng	# 96
57) 2,4-Dinitrotoluene	9.816	165	34735	5.65	ng	# 12
						# 17

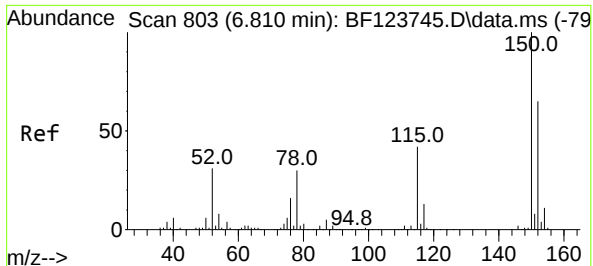
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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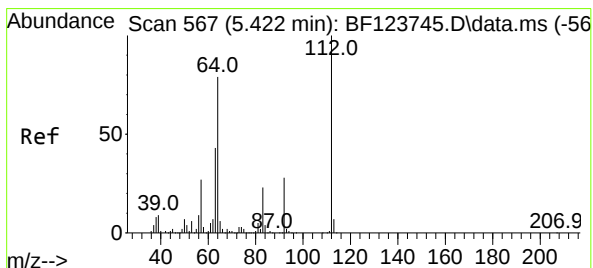
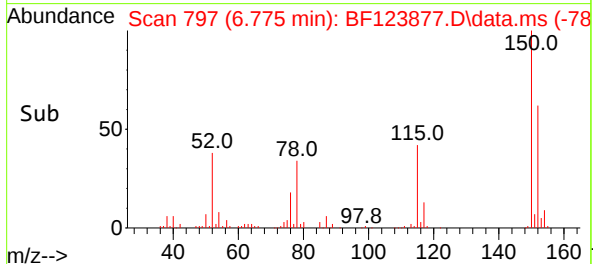
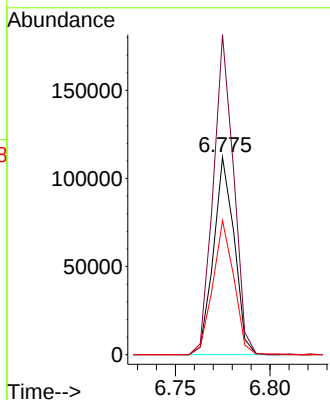
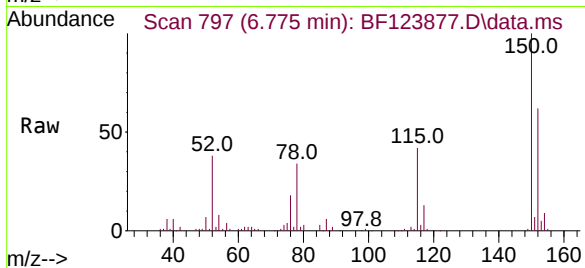




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

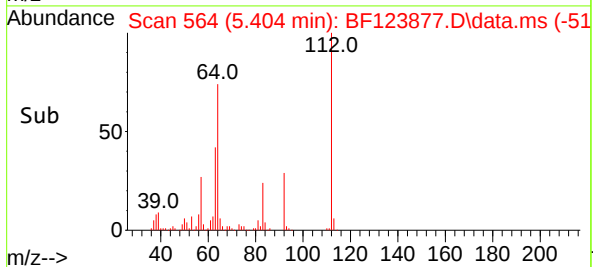
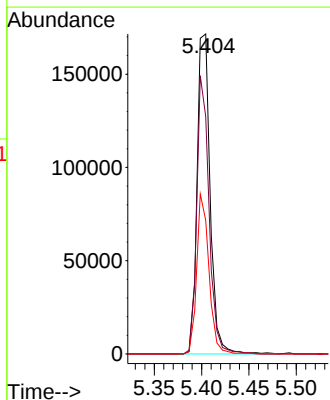
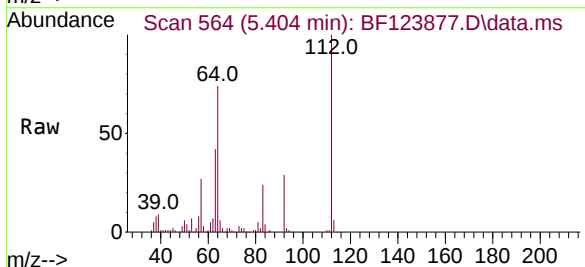
Instrument :
BNA_F
ClientSampleId :
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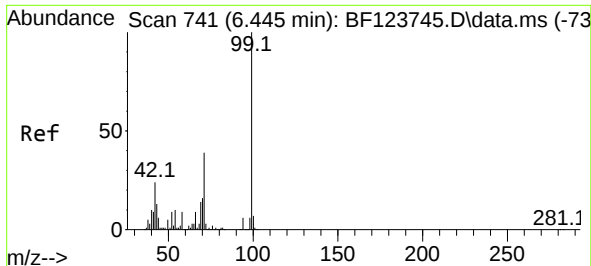
Tgt Ion:152 Resp: 85632
Ion Ratio Lower Upper
152 100
150 162.1 127.0 190.6
115 67.9 54.3 81.5



#5
2-Fluorophenol
Concen: 30.70 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

Tgt Ion:112 Resp: 165957
Ion Ratio Lower Upper
112 100
64 74.2 61.4 92.0
63 41.7 33.0 49.4

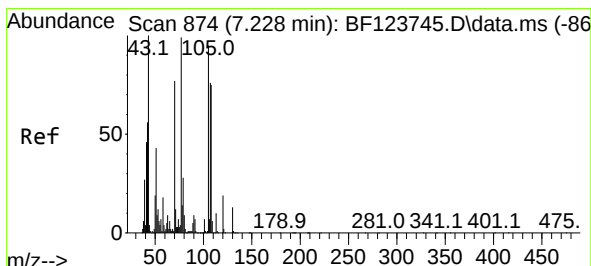
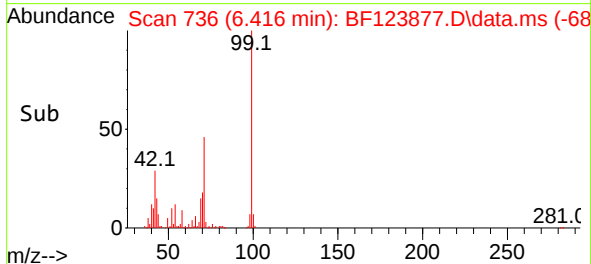
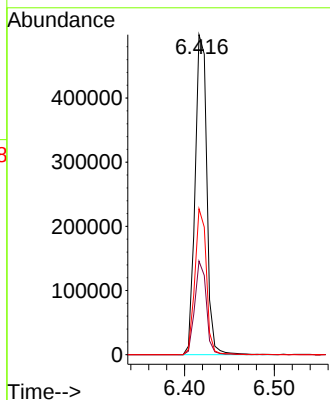
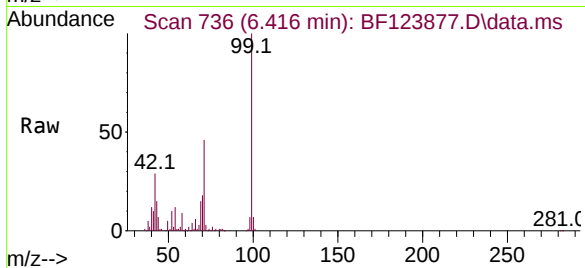




#7
Phenol-d6
Concen: 60.80 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

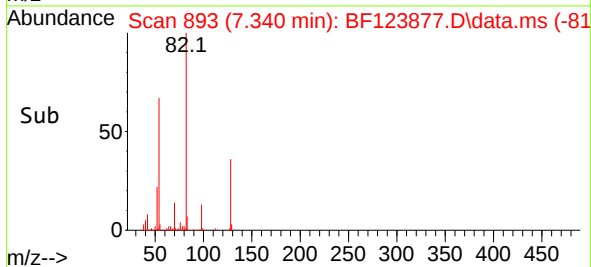
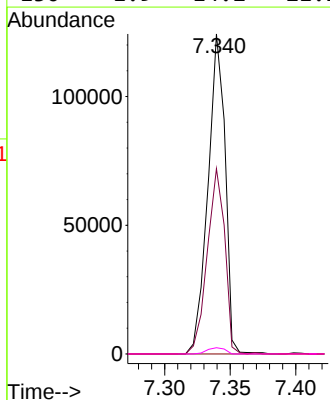
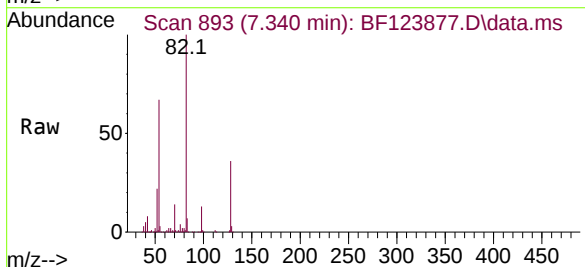
Instrument :
BNA_F
ClientSampleId :
DRUM-A-B-C

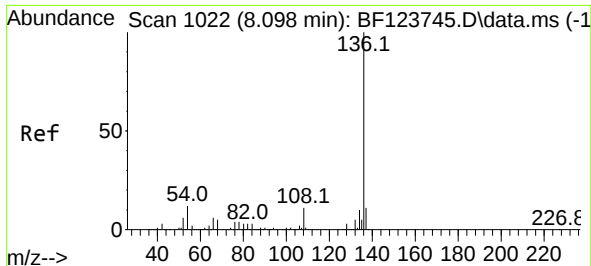
Tgt Ion: 99 Resp: 452729
Ion Ratio Lower Upper
99 100
42 29.2 19.8 29.8
71 45.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 24.72 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

Tgt Ion: 70 Resp: 113637
Ion Ratio Lower Upper
70 100
42 57.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#



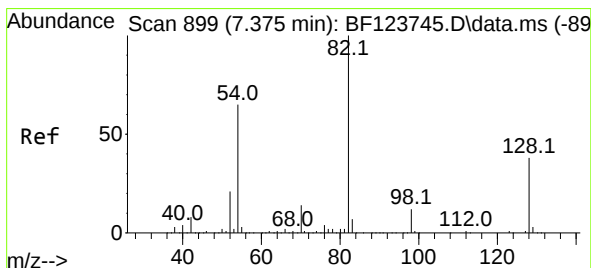
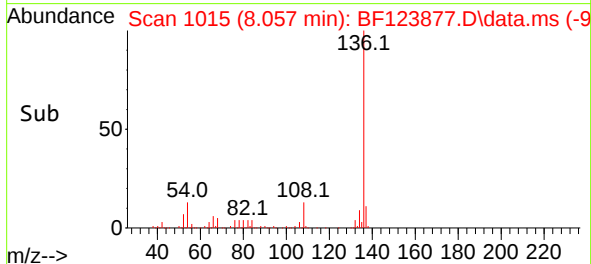
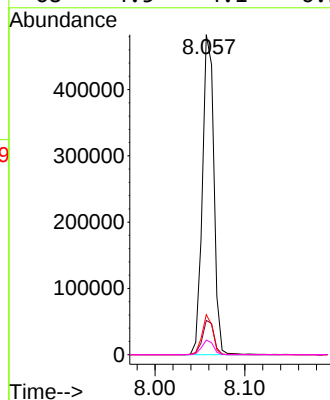
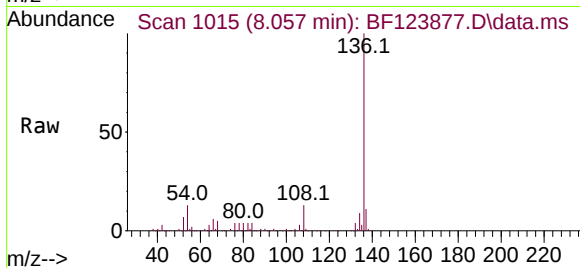


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

Instrument :
BNA_F
ClientSampleId :
DRUM-A-B-C

Tgt Ion:136 Resp: 429243

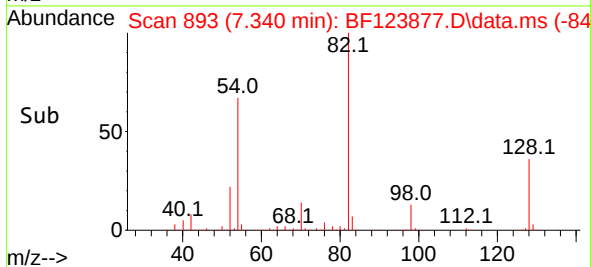
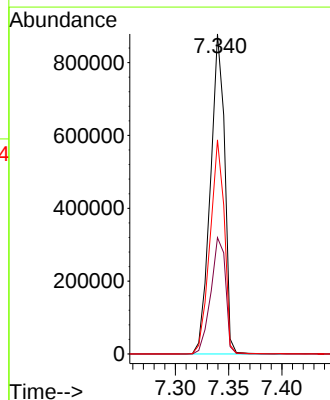
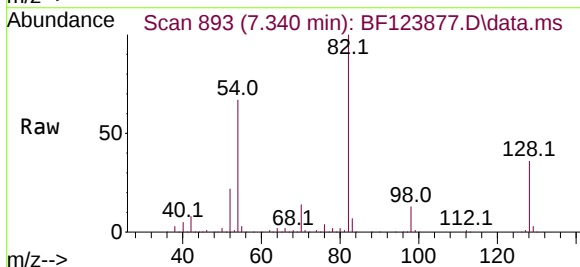
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	12.5	9.8	14.6
68	4.5	4.1	6.1

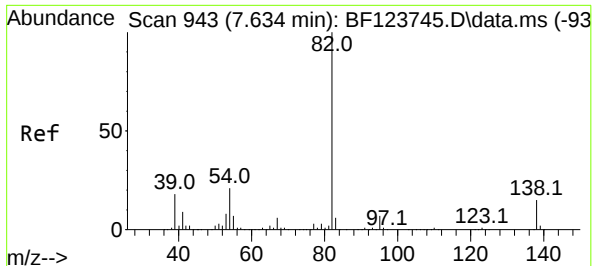


#23
Nitrobenzene-d5
Concen: 86.24 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

Tgt Ion: 82 Resp: 819986

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.4	44.2
54	66.9	54.1	81.1

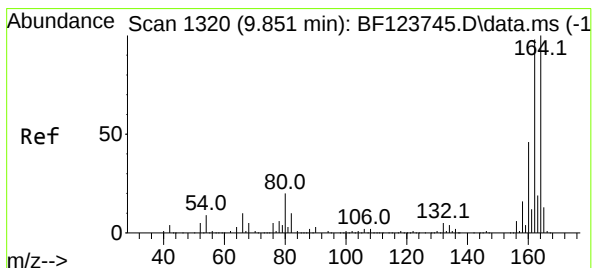
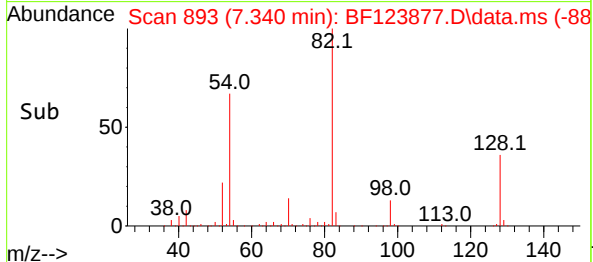
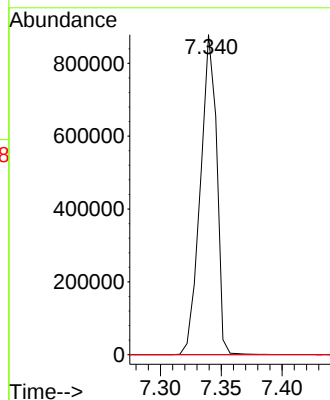
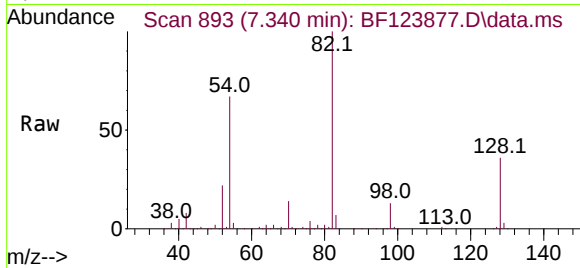




#25
Isophorone
Concen: 45.88 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.270 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

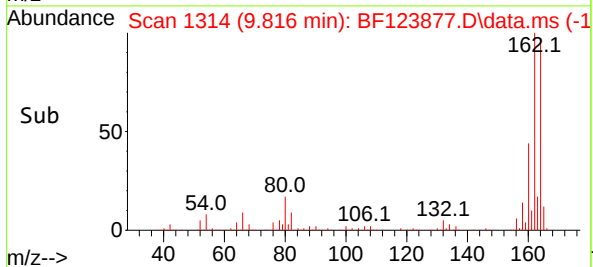
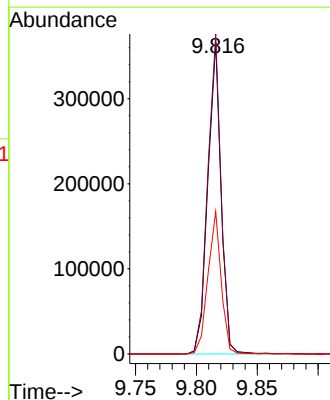
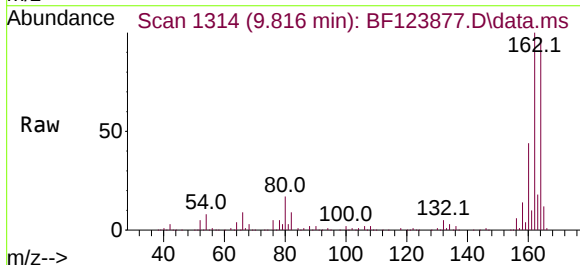
Instrument :
BNA_F
ClientSampleId :
DRUM-A-B-C

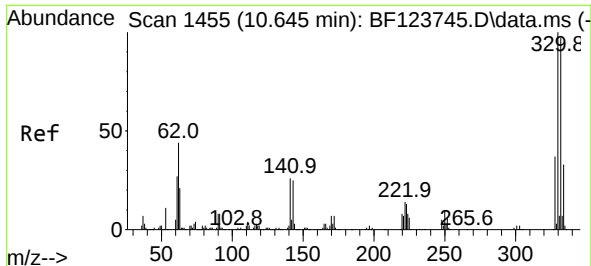
Tgt Ion: 82 Resp: 818026
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

Tgt Ion: 164 Resp: 277063
Ion Ratio Lower Upper
164 100
162 102.8 80.7 121.1
160 45.7 37.3 55.9

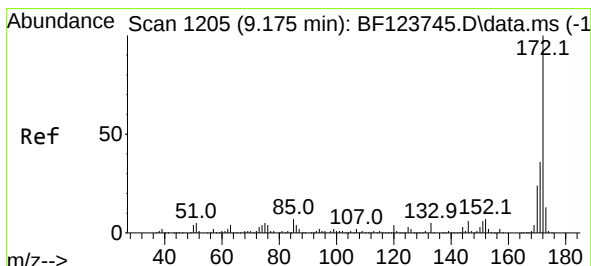
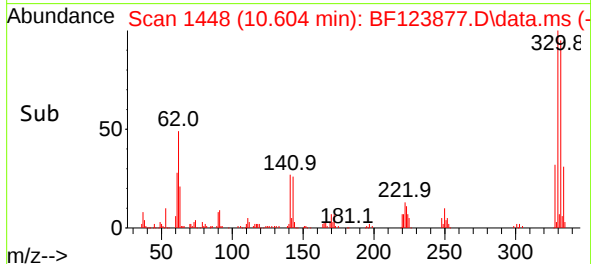
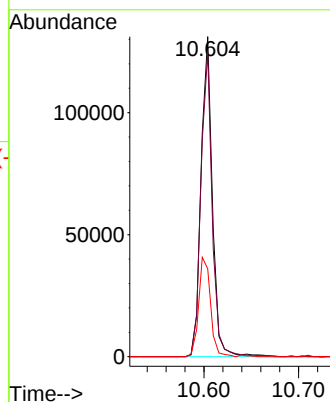
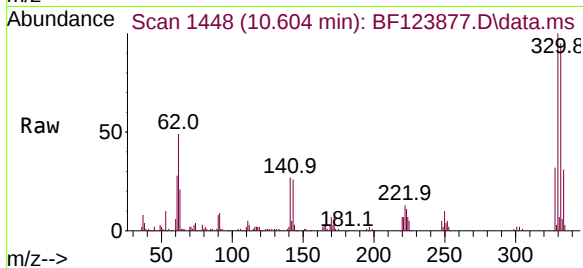




#42
2,4,6-Tribromophenol
Concen: 31.79 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

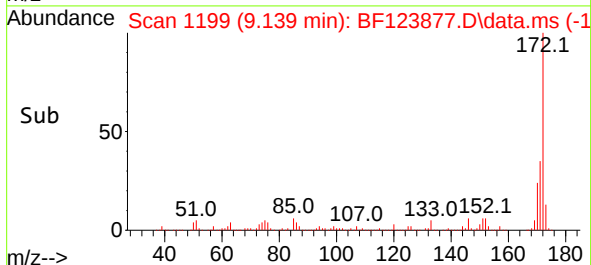
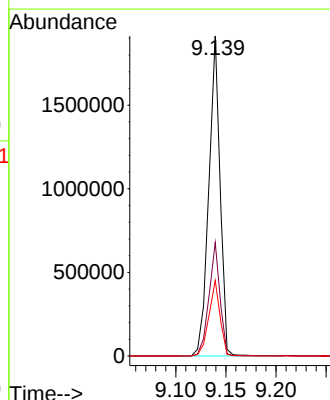
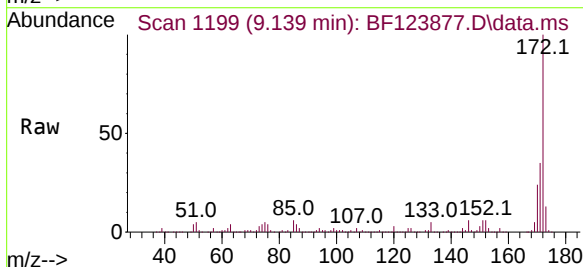
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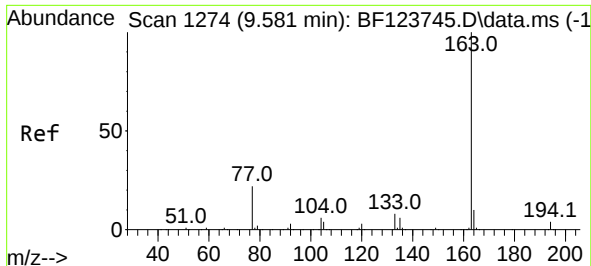
Tgt Ion:330 Resp: 109658
Ion Ratio Lower Upper
330 100
332 94.3 77.1 115.7
141 32.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 79.21 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

Tgt Ion:172 Resp: 1507002
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.6 19.2 28.8

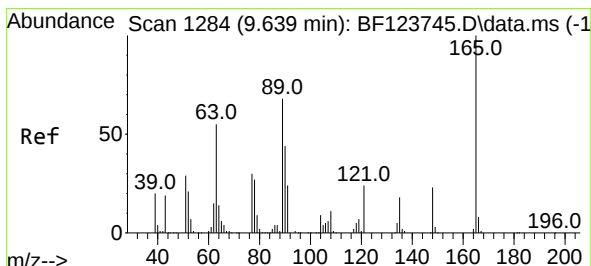
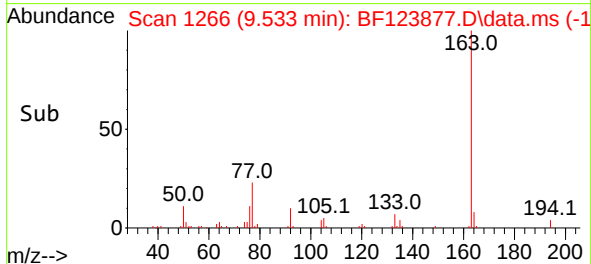
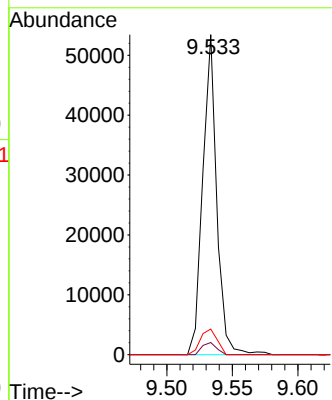
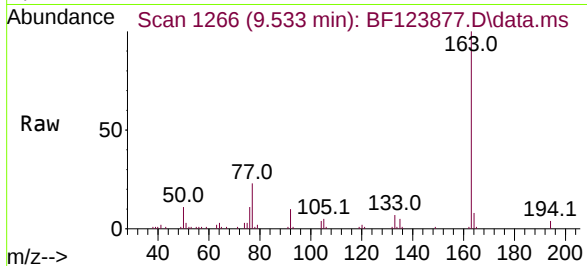




#50
Dimethylphthalate
Concen: 2.04 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.018 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

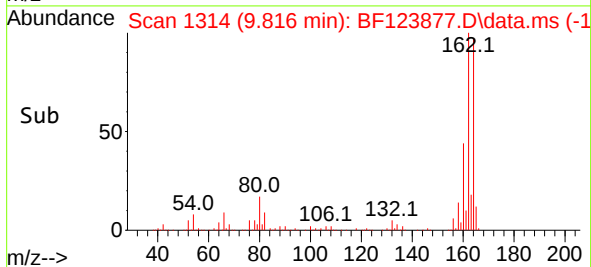
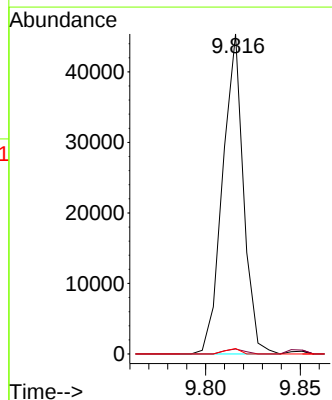
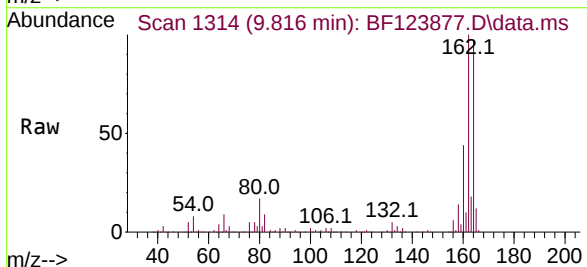
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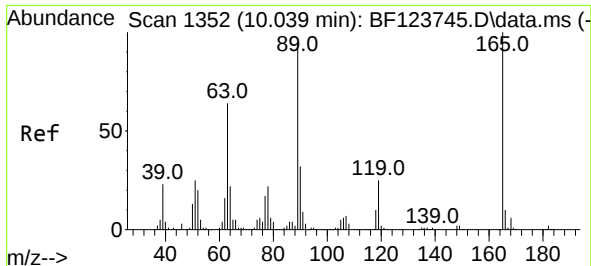
Tgt Ion:163 Resp: 39848
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 8.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.206 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

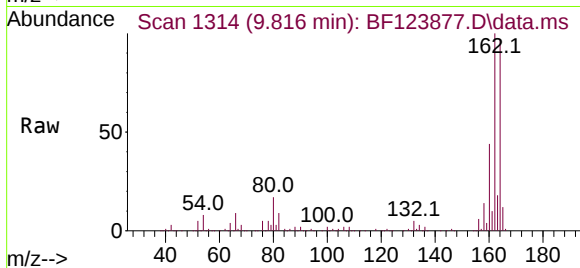
Tgt Ion:165 Resp: 34735
Ion Ratio Lower Upper
165 100
63 1.6 67.7 101.5#
89 1.7 58.8 88.2#



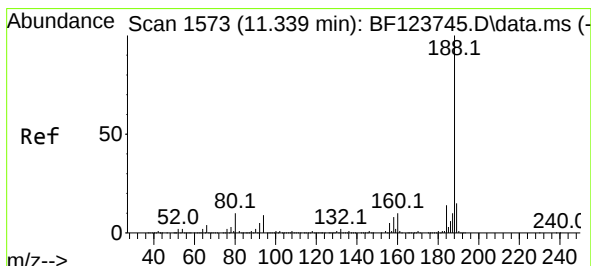
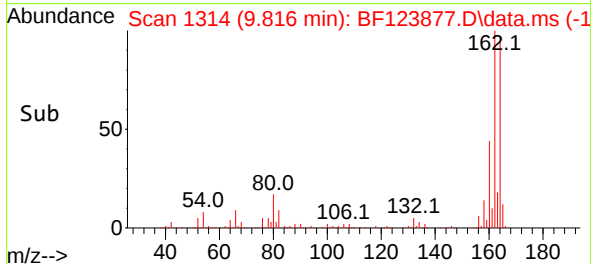
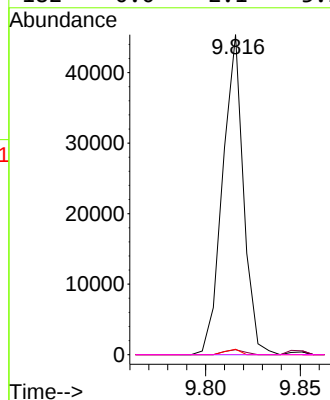


#57
2,4-Dinitrotoluene
Concen: 5.65 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

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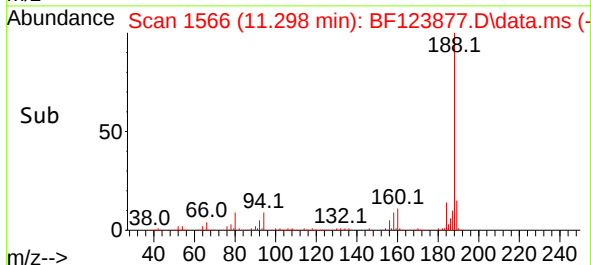
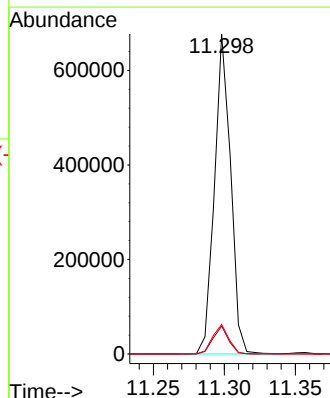
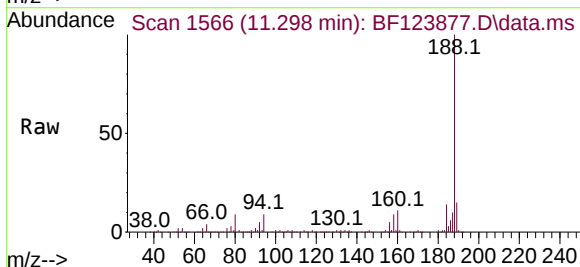


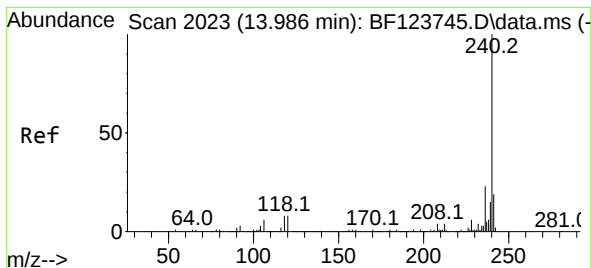
Tgt Ion:165 Resp: 34735
Ion Ratio Lower Upper
165 100
63 1.6 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

Tgt Ion:188 Resp: 534094
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.3 8.2 12.2

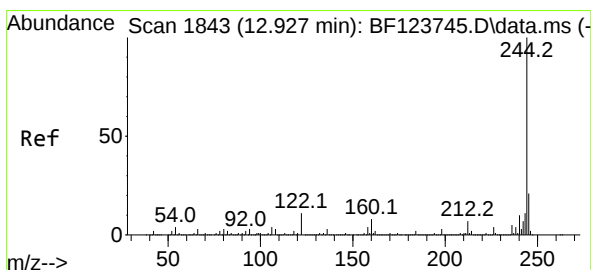
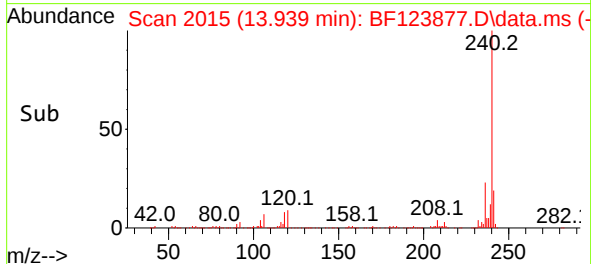
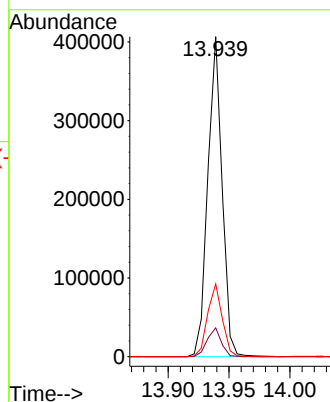
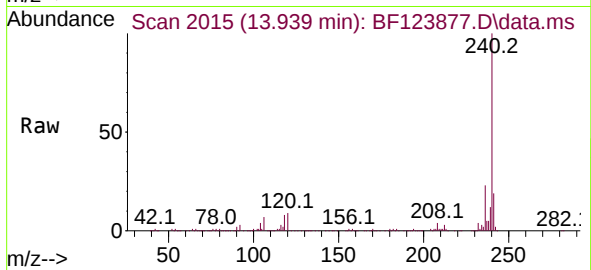




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

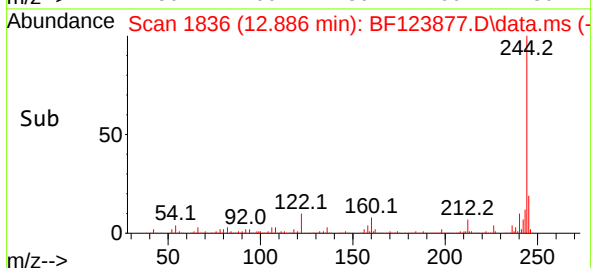
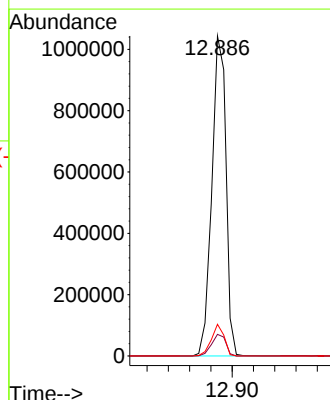
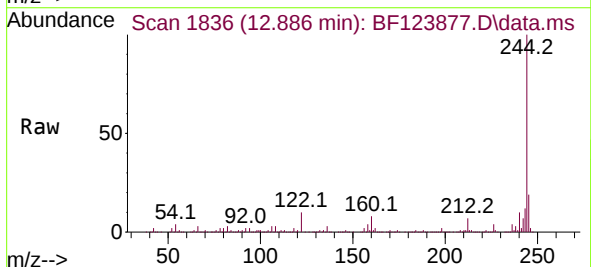
Instrument :
BNA_F
ClientSampleId :
DRUM-A-B-C

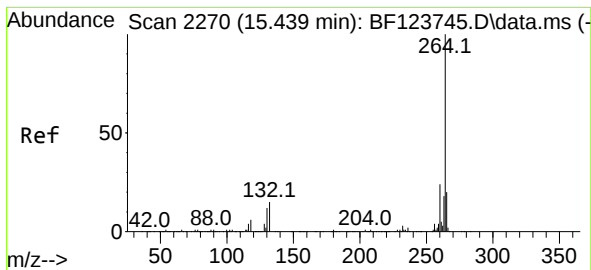
Tgt Ion:240 Resp: 330910
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 22.8 19.0 28.4



#79
Terphenyl-d14
Concen: 55.93 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF123877.D
Acq: 7 May 2021 21:03

Tgt Ion:244 Resp: 961125
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.9 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF123877.D
 Acq: 7 May 2021 21:03

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-B-C

Tgt Ion:264 Resp: 313488
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.7 28.1
 265 20.9 17.8 26.8

