

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123960.D
 Acq On : 17 May 2021 13:28
 Operator : JU/CG
 Sample : M2322-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20210505DL

Quant Time: May 17 14:04:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

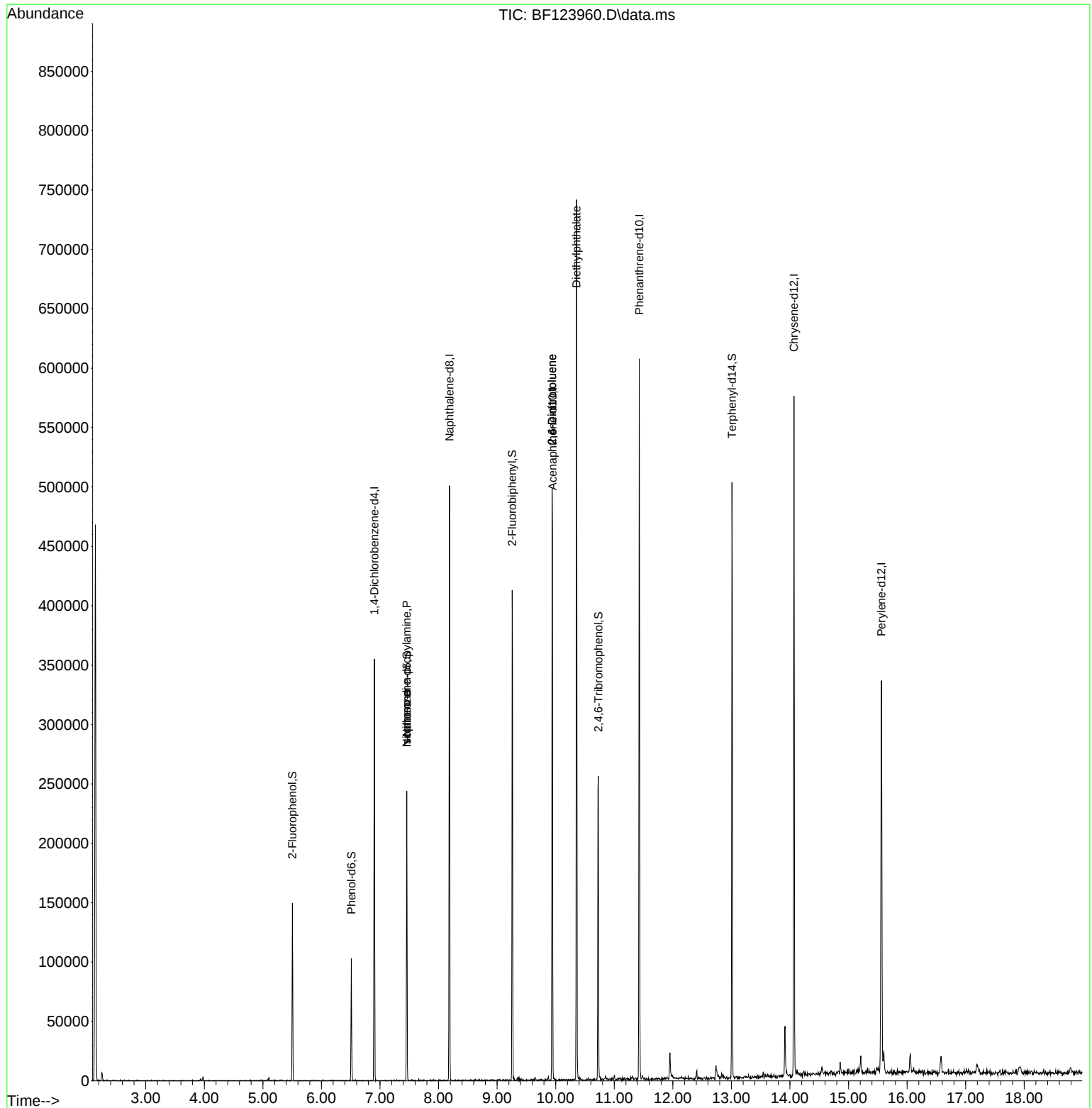
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	40387	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	161540	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	92367	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	183618	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	170555	20.00	ng	0.00
86) Perylene-d12	15.562	264	145955	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	26773	9.31	ng	0.00
7) Phenol-d6	6.510	99	21823	5.85	ng	-0.01
23) Nitrobenzene-d5	7.457	82	56733	15.13	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	25497	22.98	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	107944	14.38	ng	0.00
79) Terphenyl-d14	13.010	244	139462	12.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	8583	3.40	ng	# 70
25) Isophorone	7.457	82	56731	7.87	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	11846	7.94	ng	# 10
57) 2,4-Dinitrotoluene	9.939	165	11846	6.48	ng	# 15
60) Diethylphthalate	10.357	149	210906	28.87	ng	96

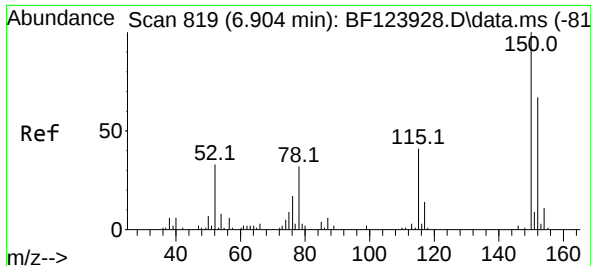
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

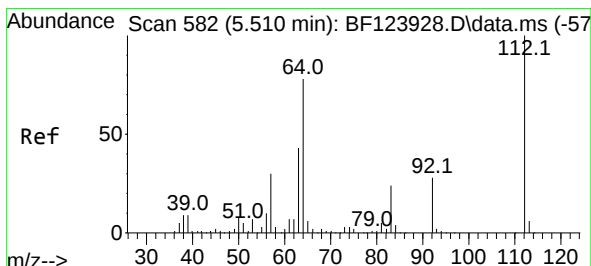
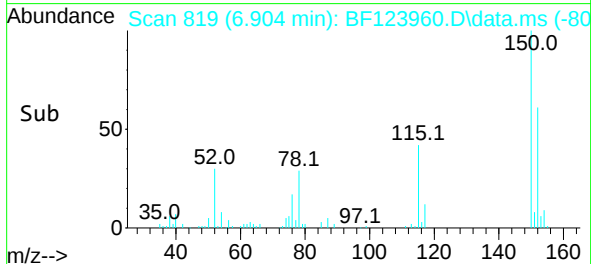
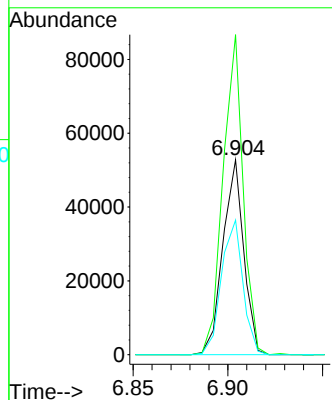
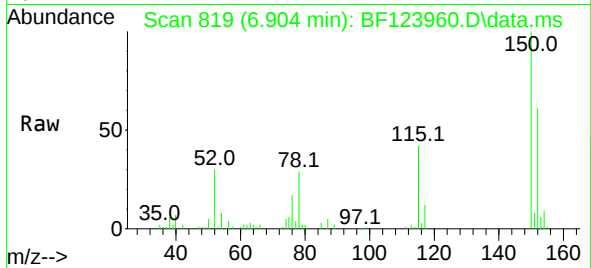




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

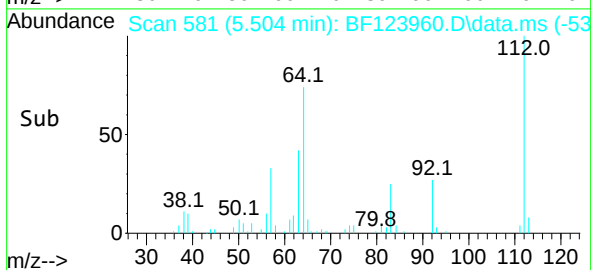
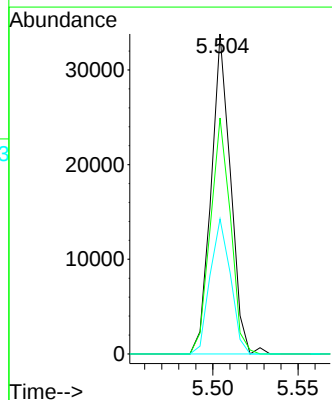
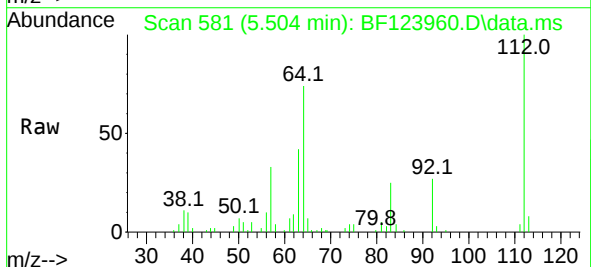
Instrument :
BNA_F
ClientSampleId :
MW-3-20210505DL

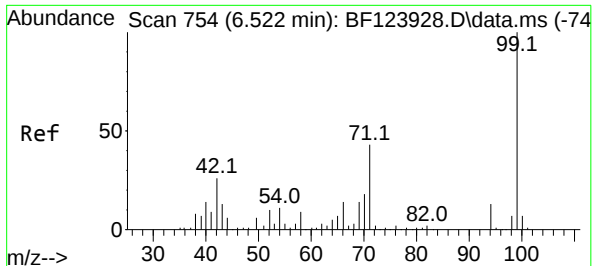
Tgt Ion:152 Resp: 40387
Ion Ratio Lower Upper
152 100
150 164.1 127.0 190.6
115 69.0 54.3 81.5



#5
2-Fluorophenol
Concen: 9.31 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

Tgt Ion:112 Resp: 26773
Ion Ratio Lower Upper
112 100
64 73.8 61.4 92.0
63 42.2 33.0 49.4

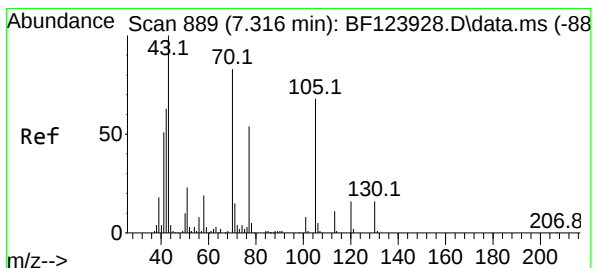
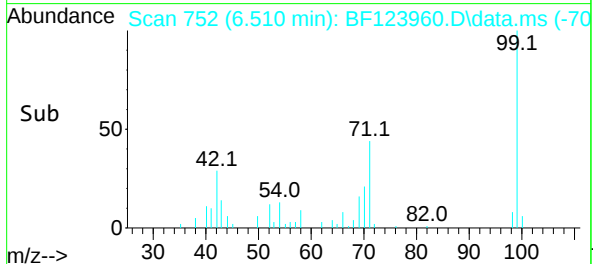
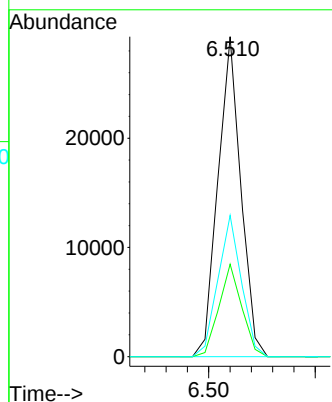
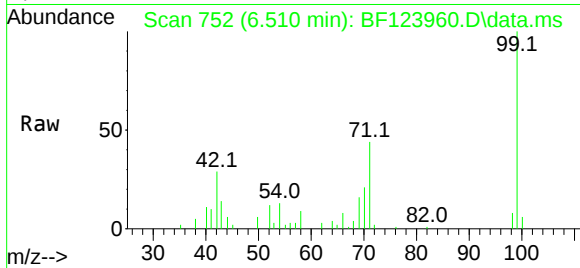




#7
Phenol-d6
Concen: 5.85 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

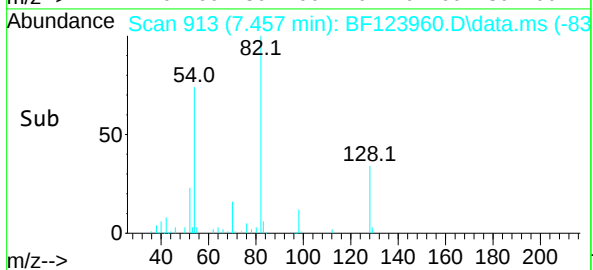
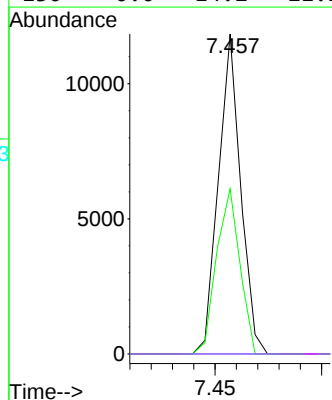
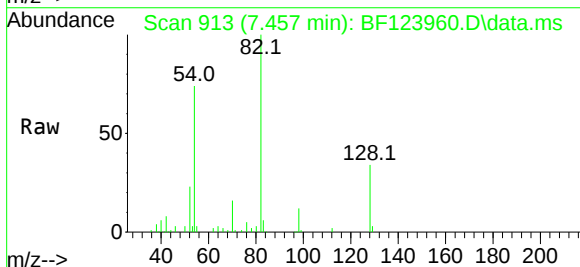
Instrument :
BNA_F
ClientSampleId :
MW-3-20210505DL

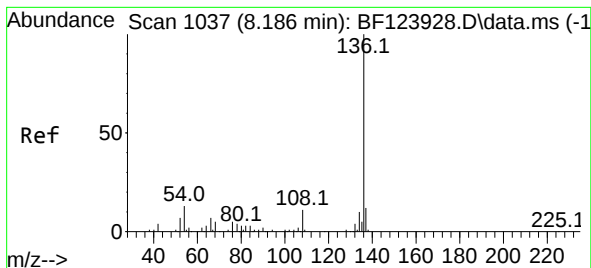
Tgt Ion:	99	Resp:	21823
Ion	Ratio	Lower	Upper
99	100		
42	28.9	19.8	29.8
71	44.2	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 3.40 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

Tgt Ion:	70	Resp:	8583
Ion	Ratio	Lower	Upper
70	100		
42	51.6	60.1	90.1#
101	0.0	7.4	11.2#
130	0.0	14.2	21.2#

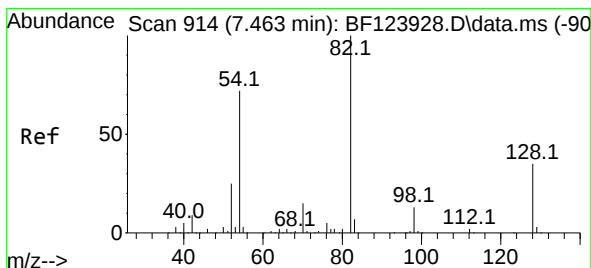
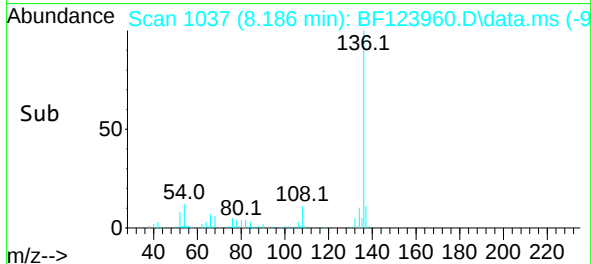
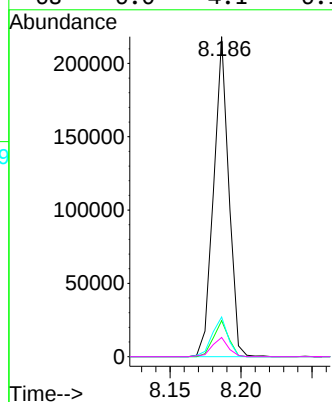
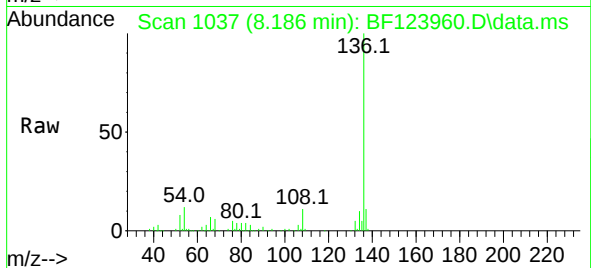




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

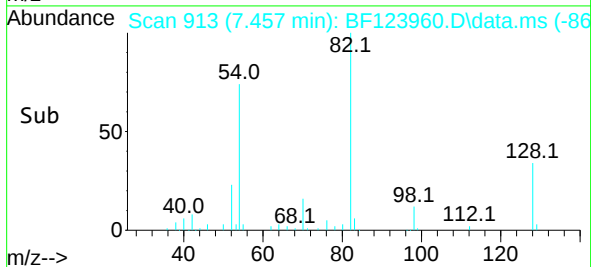
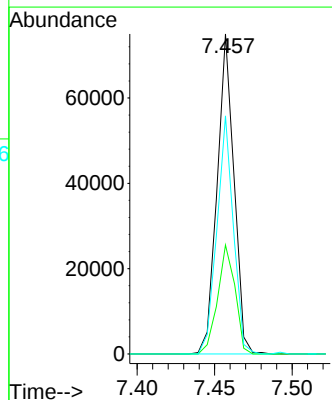
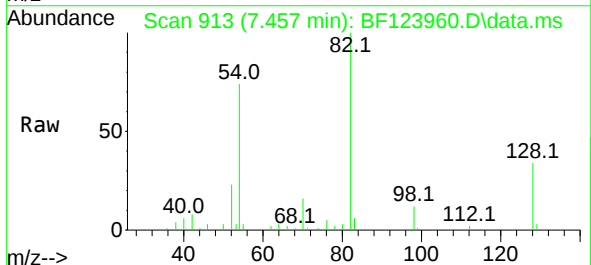
Instrument :
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ClientSampleId :
MW-3-20210505DL

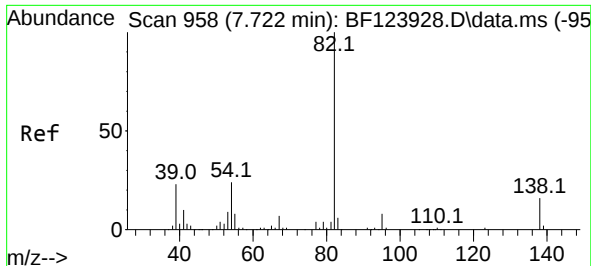
Tgt Ion:136	Resp:	161540
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	12.4	9.8 14.6
68	6.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 15.13 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

Tgt Ion: 82	Resp:	56733
Ion Ratio	Lower	Upper
82	100	
128	34.0	29.4 44.2
54	74.4	54.1 81.1

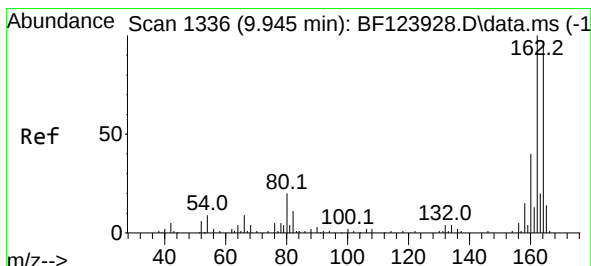
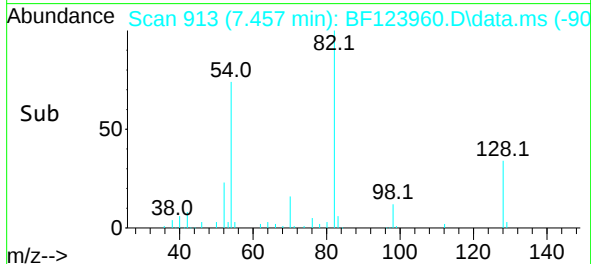
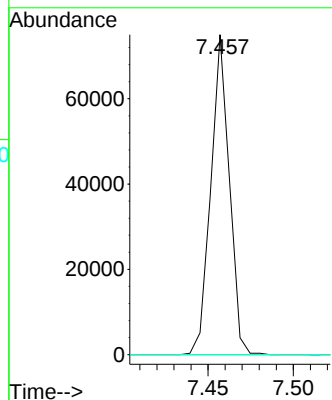
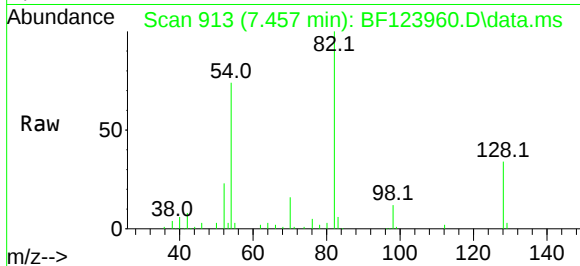




#25
Isophorone
Concen: 7.87 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

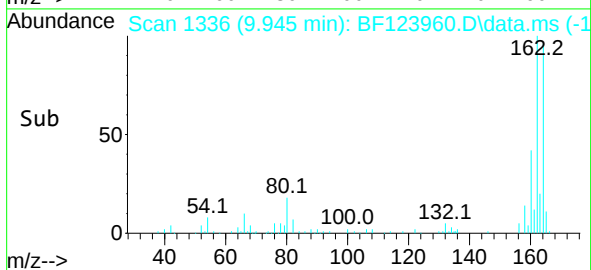
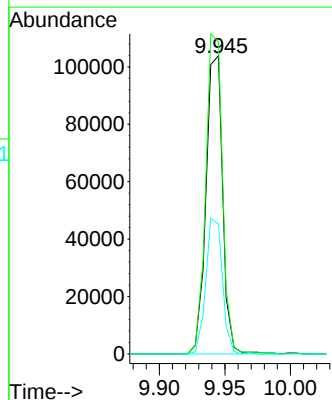
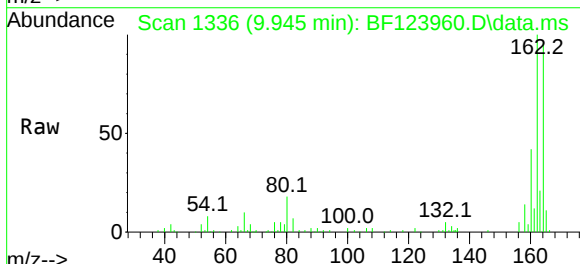
Instrument :
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ClientSampleId :
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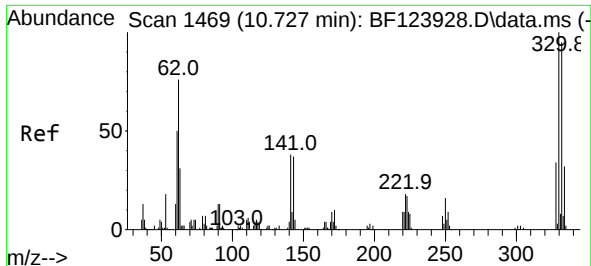
Tgt Ion: 82 Resp: 56731
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

Tgt Ion: 164 Resp: 92367
Ion Ratio Lower Upper
164 100
162 104.7 80.7 121.1
160 43.6 37.3 55.9

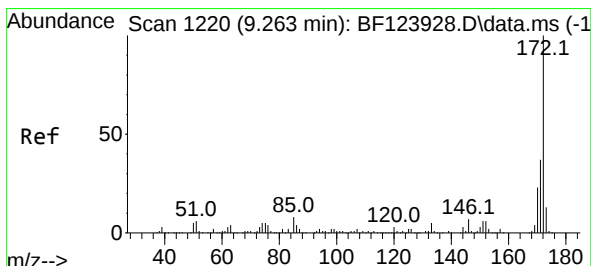
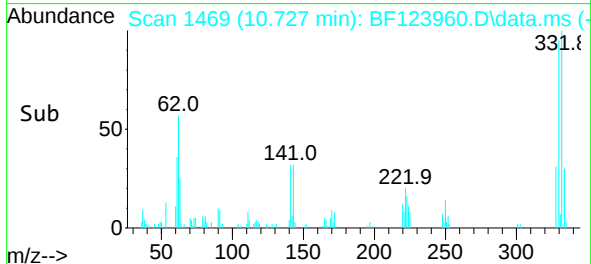
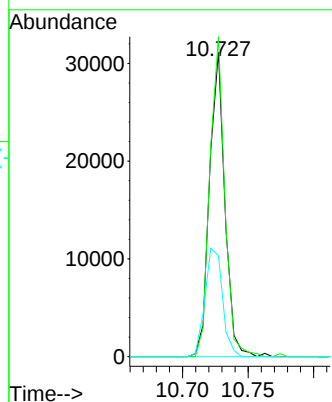
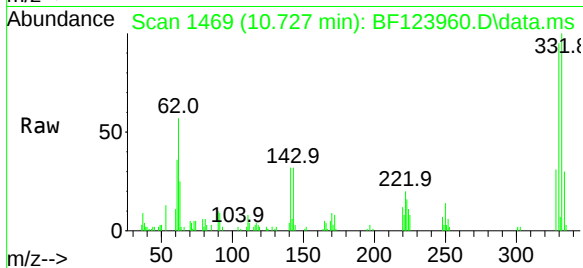




#42
2,4,6-Tribromophenol
Concen: 22.98 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

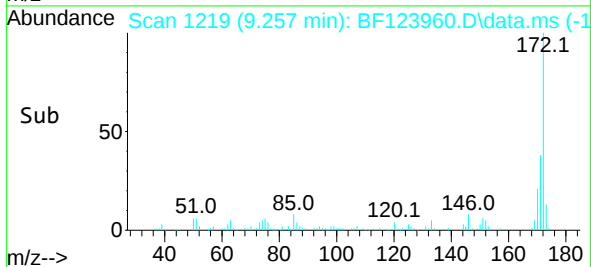
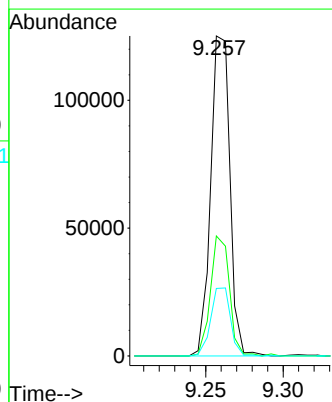
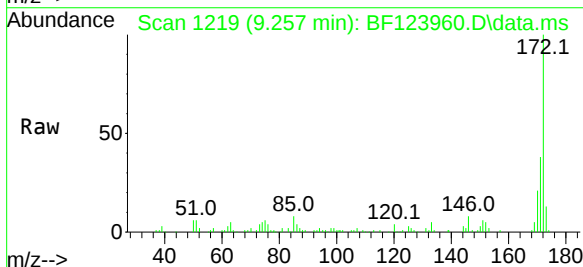
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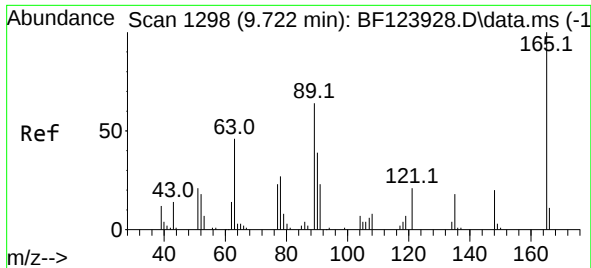
Tgt Ion:	330	Resp:	25497
Ion Ratio	Lower	Upper	
330	100		
332	101.8	77.1	115.7
141	40.6	27.9	41.9



#45
2-Fluorobiphenyl
Concen: 14.38 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

Tgt Ion:	172	Resp:	107944
Ion Ratio	Lower	Upper	
172	100		
171	37.5	28.1	42.1
170	21.1	19.2	28.8

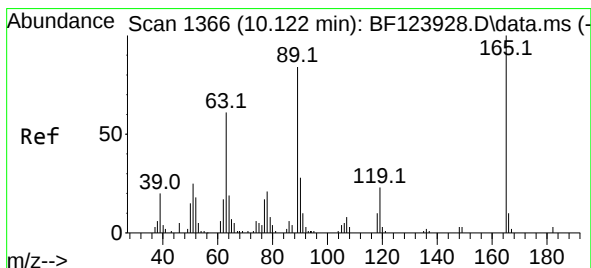
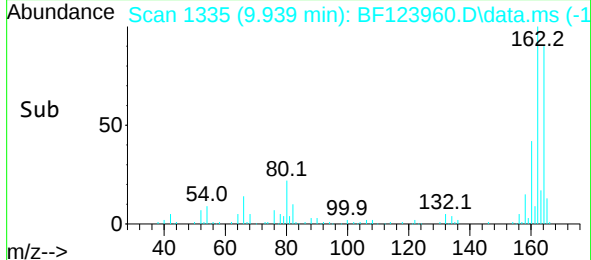
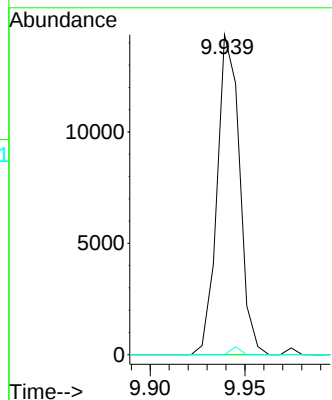
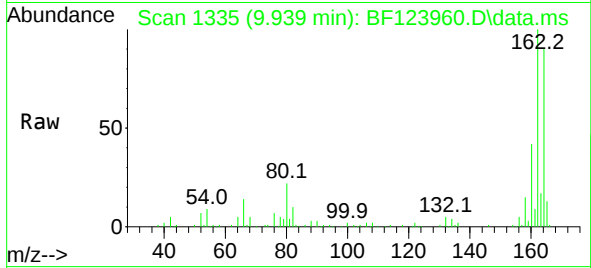




#51
2,6-Dinitrotoluene
Concen: 7.94 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

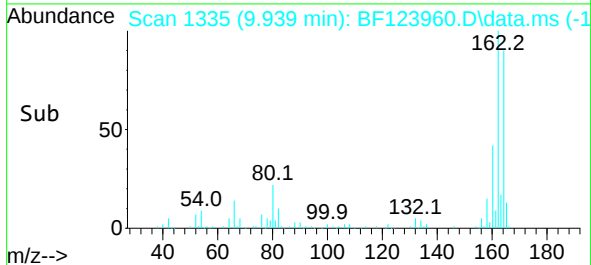
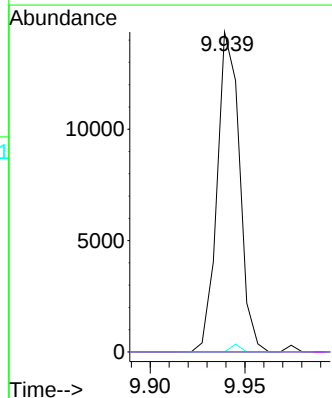
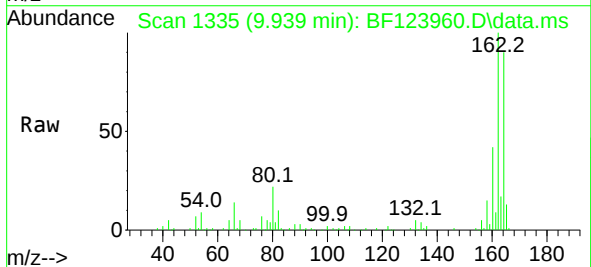
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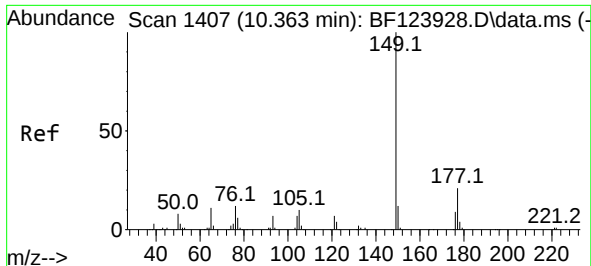
Tgt Ion:165 Resp: 11846
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

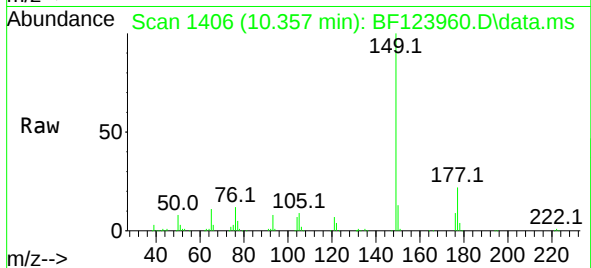
Tgt Ion:165 Resp: 11846
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



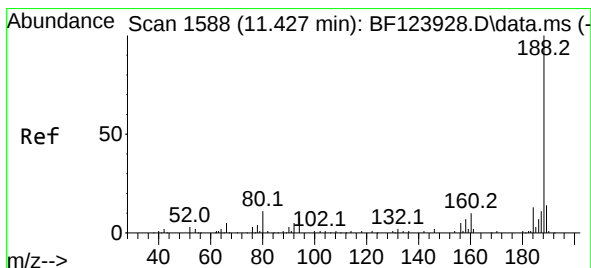
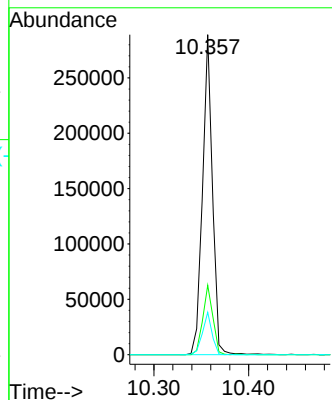
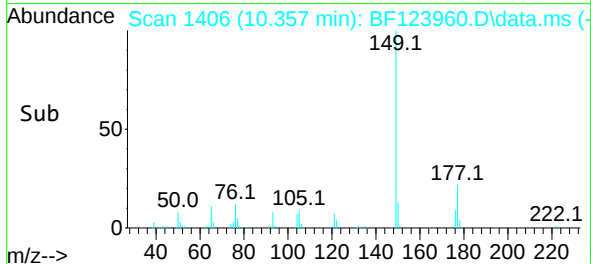


#60
Diethylphthalate
Concen: 28.87 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

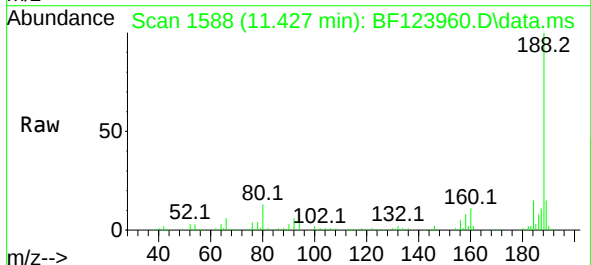
Instrument :
BNA_F
ClientSampleId :
MW-3-20210505DL



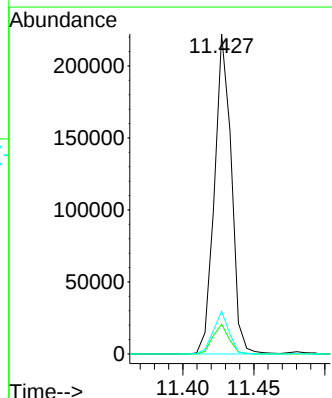
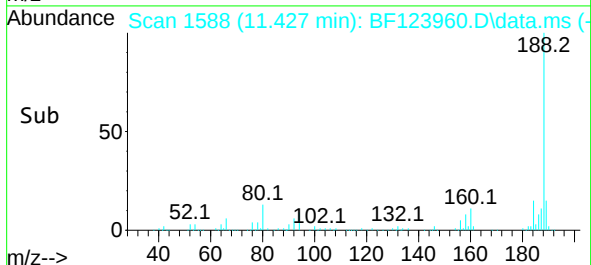
Tgt Ion:149 Resp: 210906
Ion Ratio Lower Upper
149 100
177 21.7 15.4 23.2
150 13.2 9.9 14.9

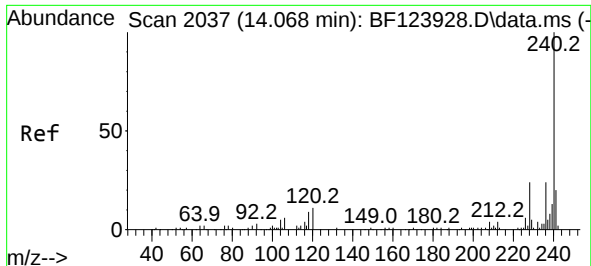


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28



Tgt Ion:188 Resp: 183618
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 13.4 8.2 12.2#

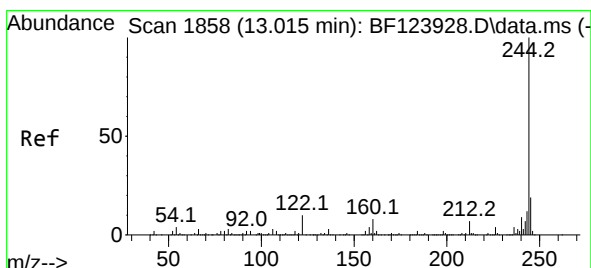
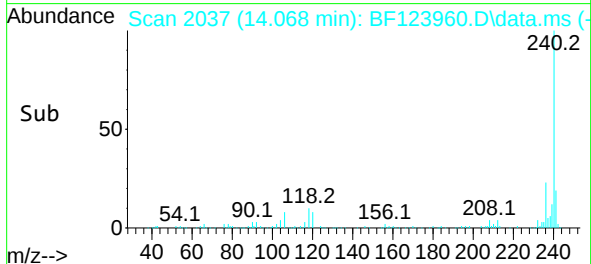
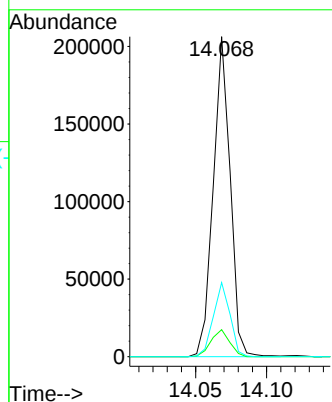
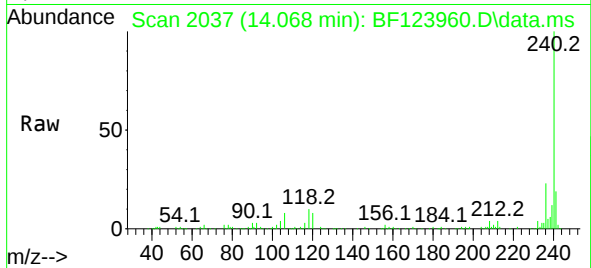




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

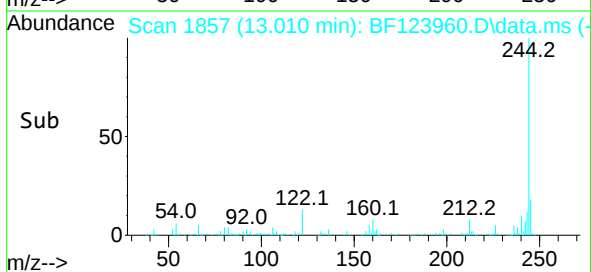
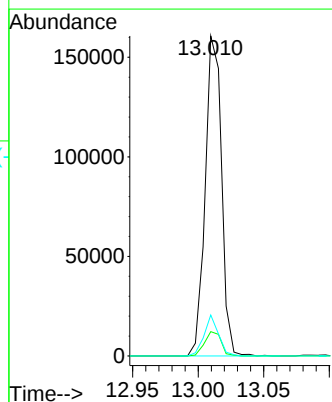
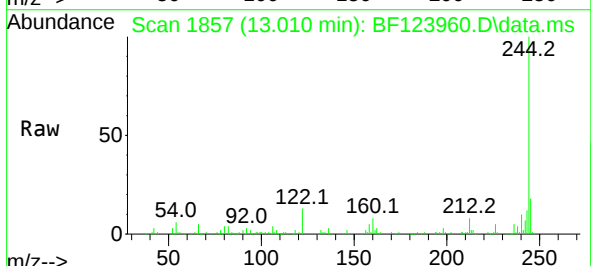
Instrument :
BNA_F
ClientSampleId :
MW-3-20210505DL

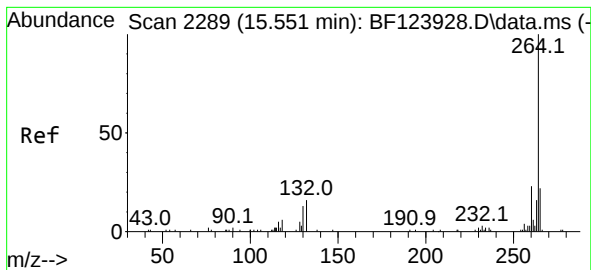
Tgt Ion:240 Resp: 170555
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 23.1 19.0 28.4



#79
Terphenyl-d14
Concen: 12.38 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

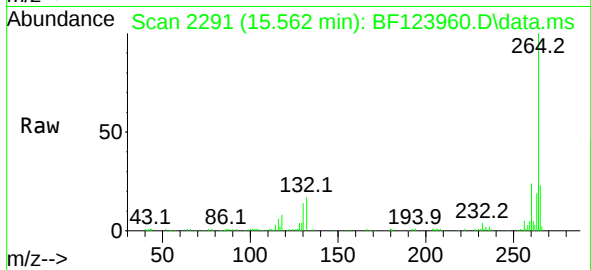
Tgt Ion:244 Resp: 139462
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 12.8 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF123960.D
Acq: 17 May 2021 13:28

Instrument :
BNA_F
ClientSampleId :
MW-3-20210505DL



Tgt Ion:264 Resp: 145955
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.6 17.8 26.8

