

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022521\
 Data File : BF123298.D
 Acq On : 25 Feb 2021 14:32
 Operator : JU/CG
 Sample : PB134816BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134816BL

Quant Time: Feb 25 15:01:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

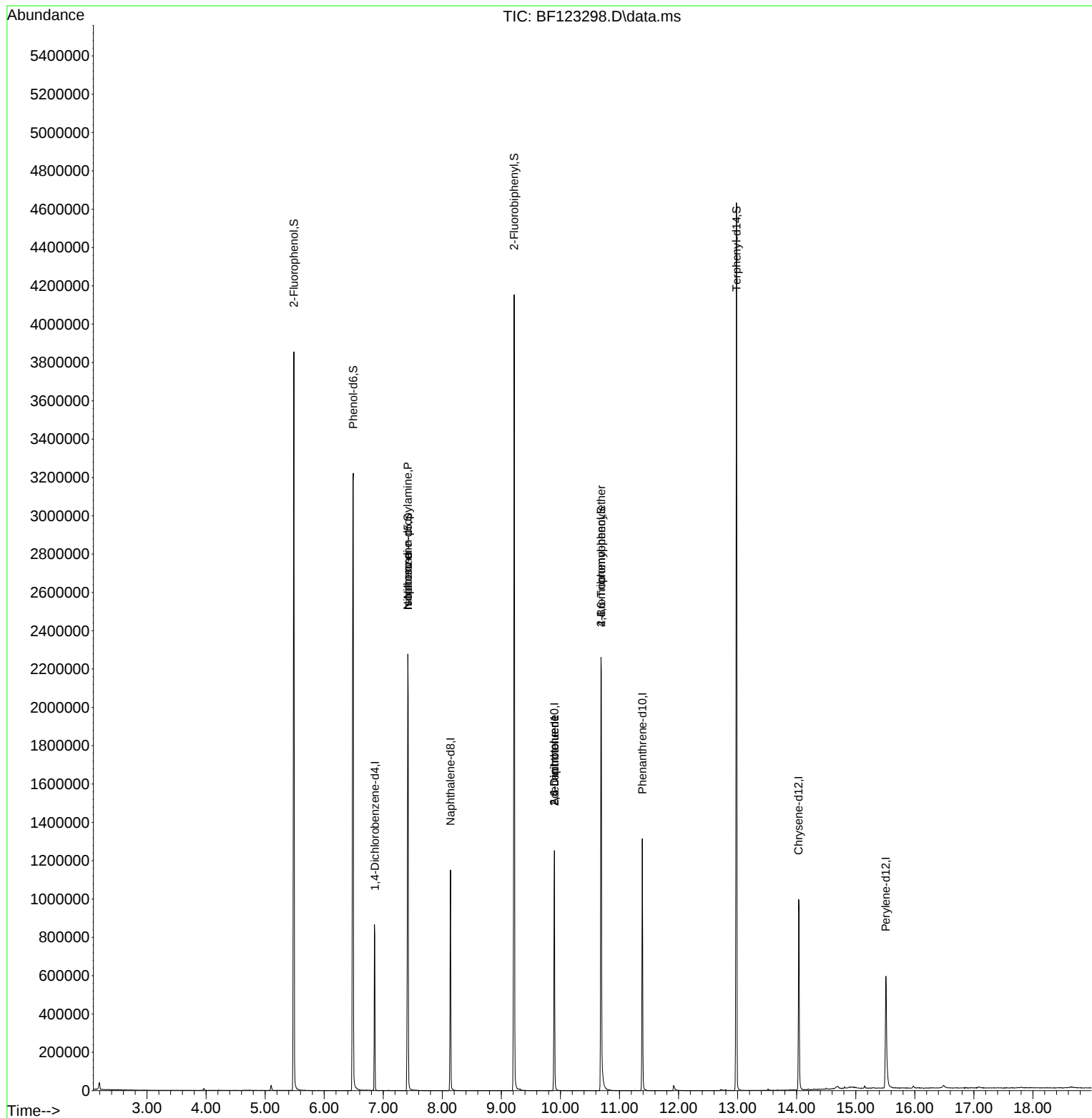
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	116972	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	488217	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	253834	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	464113	20.00	ng	0.00
76) Chrysene-d12	14.033	240	366811	20.00	ng	-0.01
86) Perylene-d12	15.510	264	332360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	993634	122.27	ng	0.01
7) Phenol-d6	6.492	99	1277362	115.70	ng	0.00
23) Nitrobenzene-d5	7.416	82	846815	79.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	279725	108.22	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1335824	75.59	ng	0.00
79) Terphenyl-d14	12.980	244	1394408	73.10	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	1854	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	115886	17.64	ng	# 80
25) Isophorone	7.416	82	837129	41.97	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	32512	7.43	ng	# 31
57) 2,4-Dinitrotoluene	9.898	165	32512	5.53	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	20093	3.97	ng	# 1

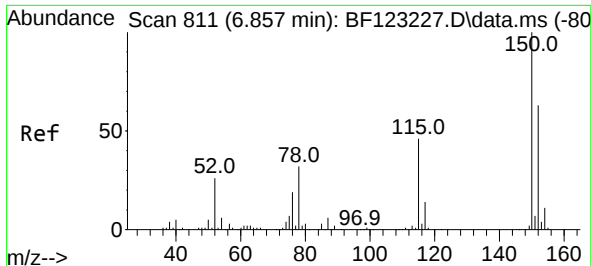
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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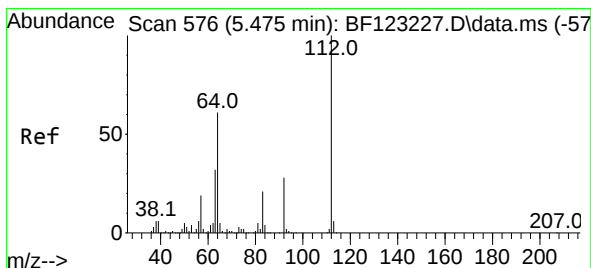
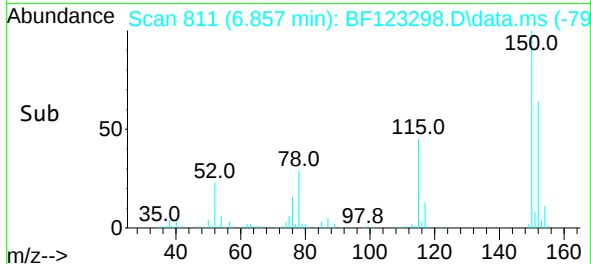
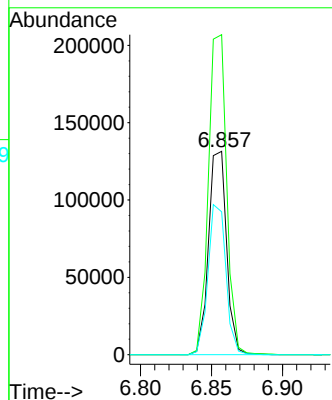
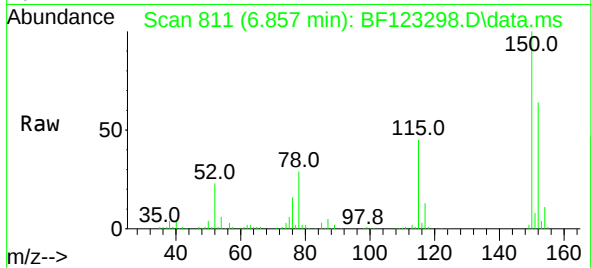




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

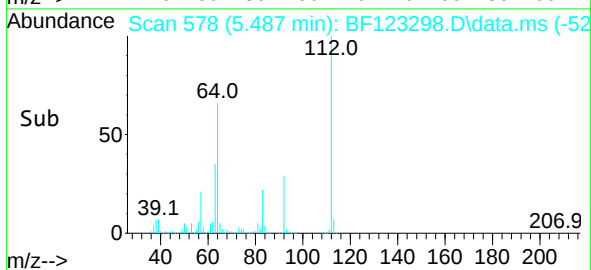
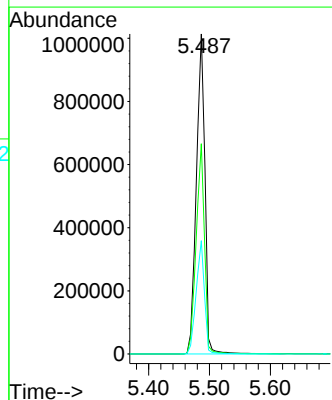
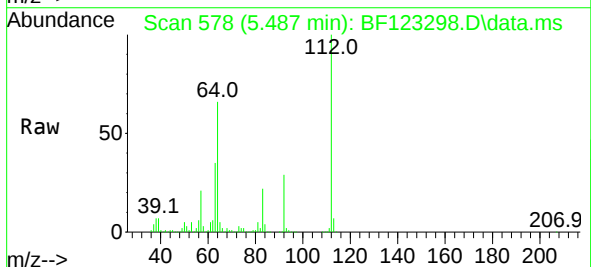
Instrument :
BNA_F
ClientSampleId :
PB134816BL

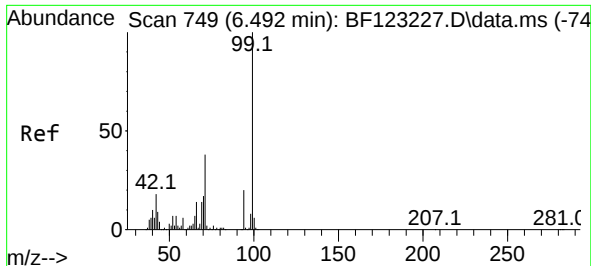
Tgt Ion:152 Resp: 116972
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 70.3 49.3 73.9



#5
2-Fluorophenol
Concen: 122.27 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

Tgt Ion:112 Resp: 993634
Ion Ratio Lower Upper
112 100
64 65.7 46.9 70.3
63 35.4 24.5 36.7



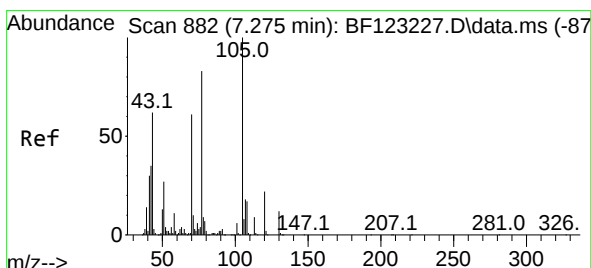
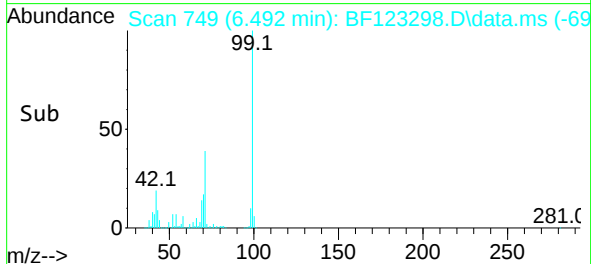
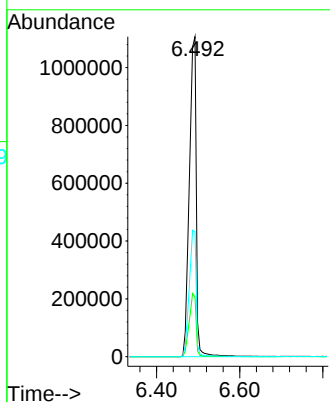
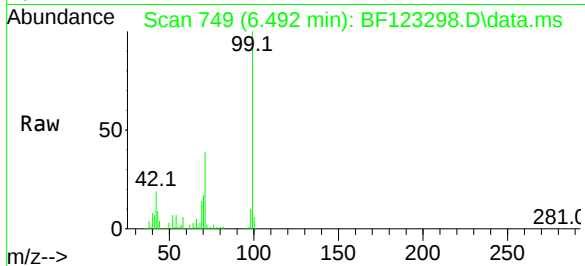


#7
Phenol-d6
Concen: 115.70 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

Instrument :
BNA_F
ClientSampleId :
PB134816BL

Tgt Ion: 99 Resp: 1277362

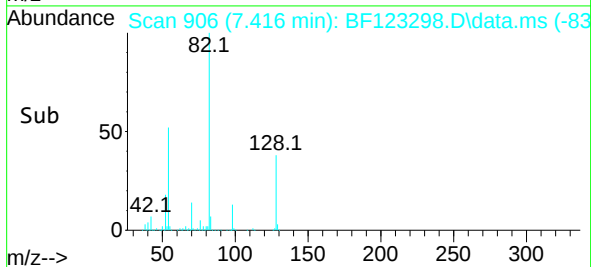
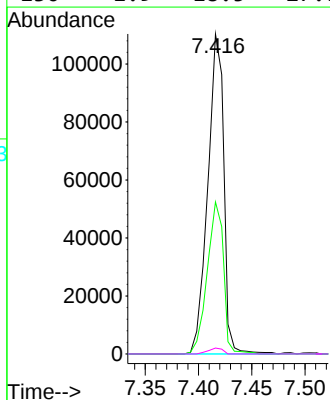
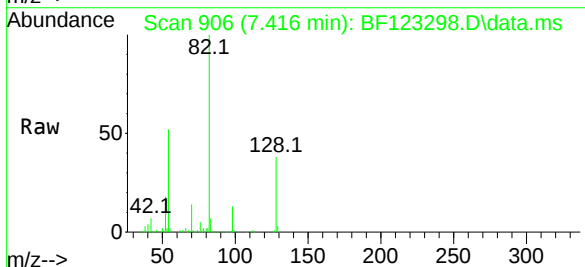
Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.8	20.6
71	39.0	26.9	40.3

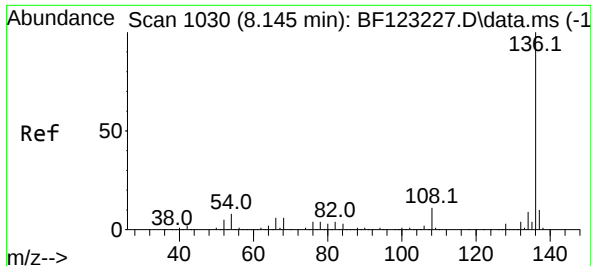


#19
n-Nitroso-di-n-propylamine
Concen: 17.64 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

Tgt Ion: 70 Resp: 115886

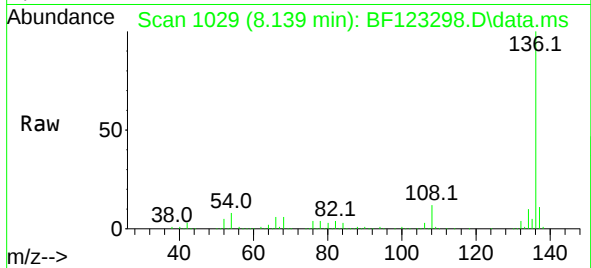
Ion	Ratio	Lower	Upper
70	100		
42	47.5	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#



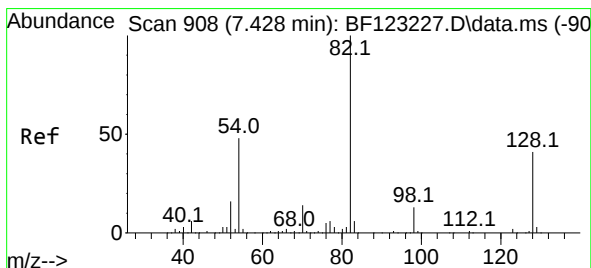
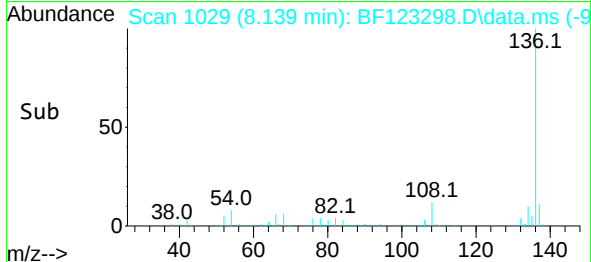
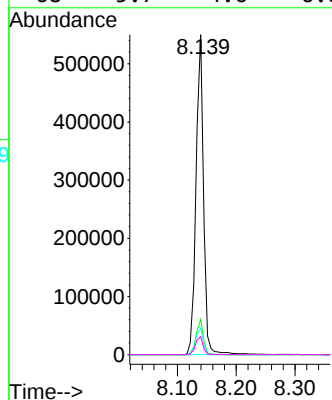


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

Instrument :
BNA_F
ClientSampleId :
PB134816BL

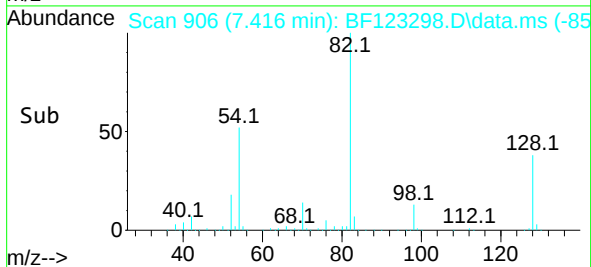
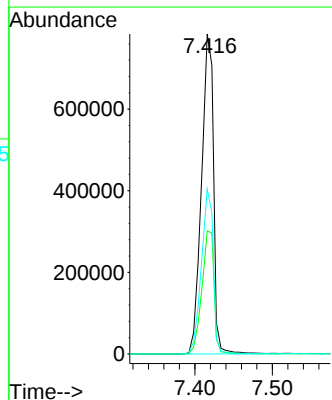
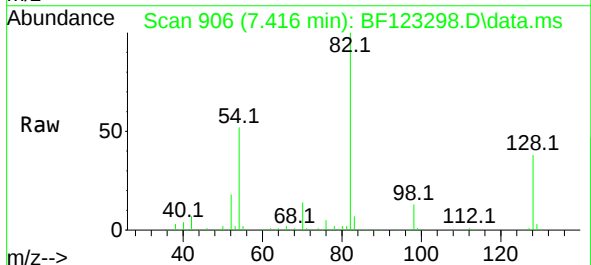


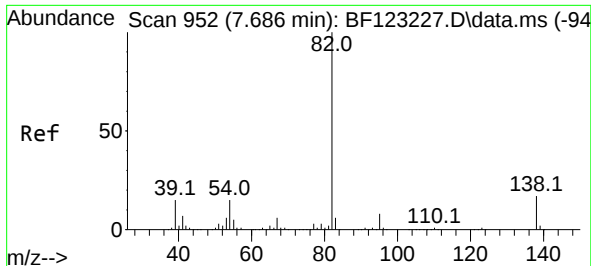
Tgt Ion:136 Resp: 488217
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 5.5 8.3#
68 5.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 79.40 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

Tgt Ion: 82 Resp: 846815
Ion Ratio Lower Upper
82 100
128 38.4 37.0 55.4
54 51.6 38.4 57.6

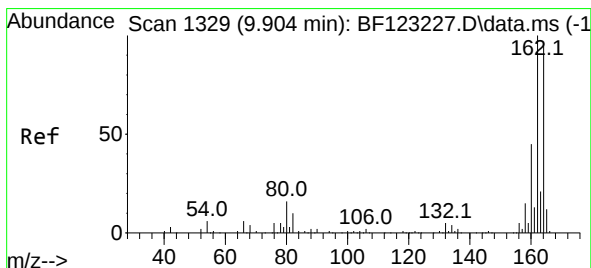
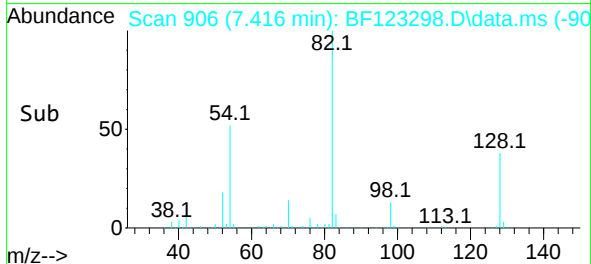
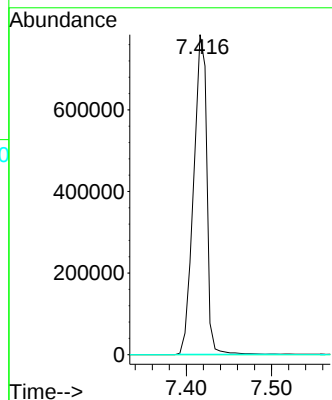
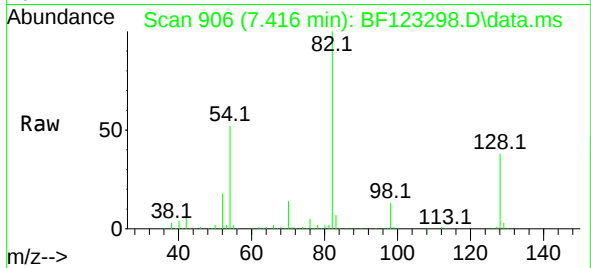




#25
Isophorone
Concen: 41.97 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

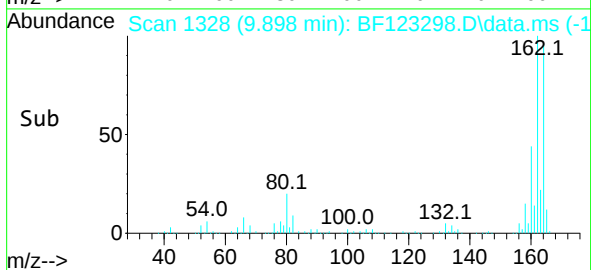
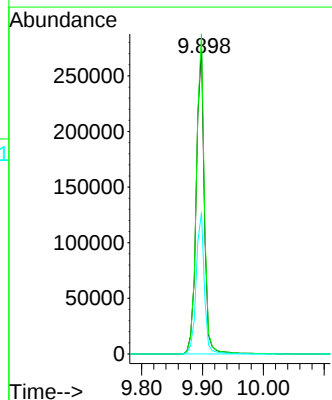
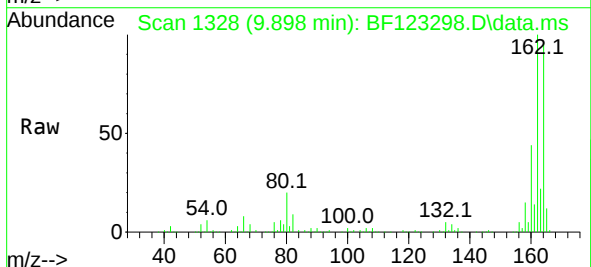
Instrument :
BNA_F
ClientSampleId :
PB134816BL

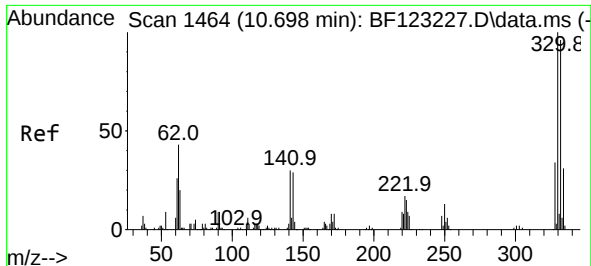
Tgt Ion: 82 Resp: 837129
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

Tgt Ion: 164 Resp: 253834
Ion Ratio Lower Upper
164 100
162 104.2 80.8 121.2
160 46.1 35.4 53.0

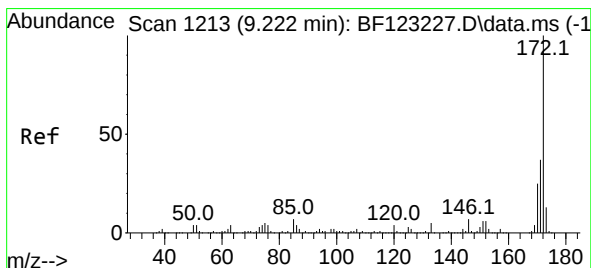
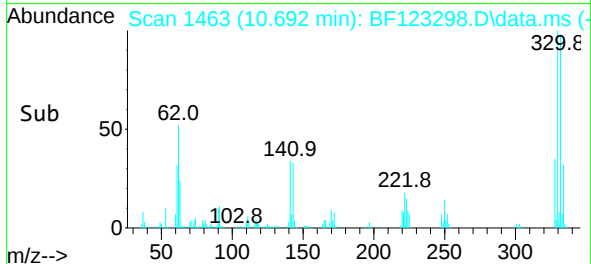
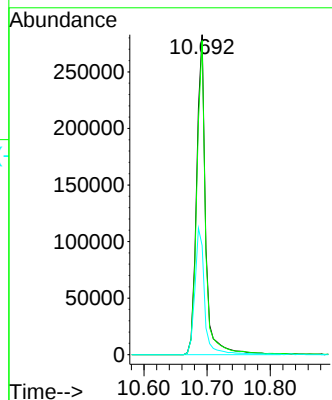
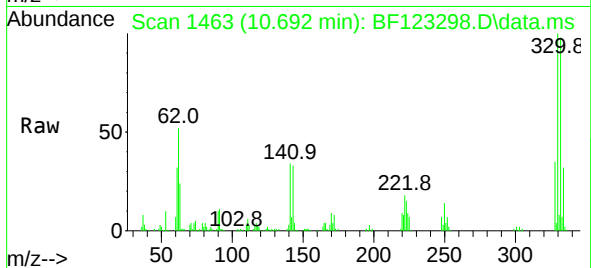




#42
2,4,6-Tribromophenol
Concen: 108.22 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

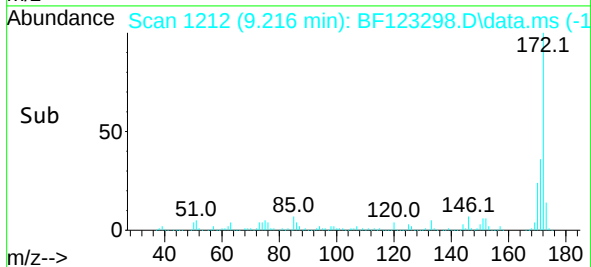
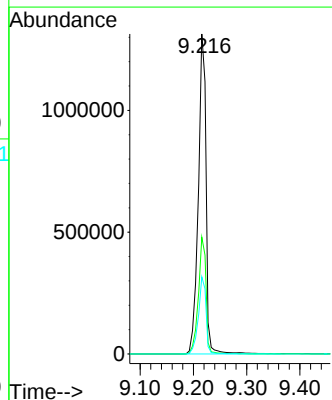
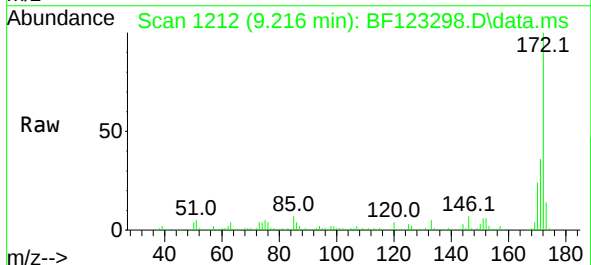
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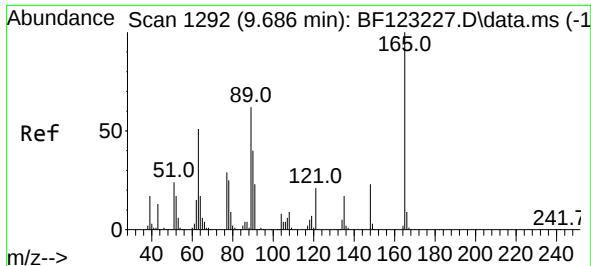
Tgt Ion: 330 Resp: 279725
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 43.2 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 75.59 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

Tgt Ion: 172 Resp: 1335824
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.1 19.5 29.3

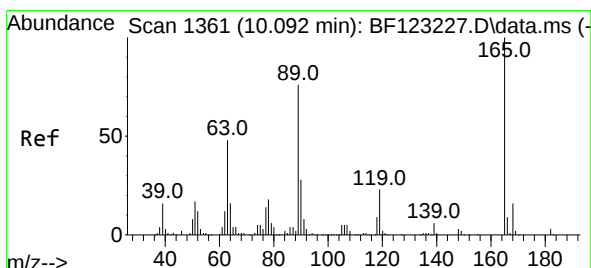
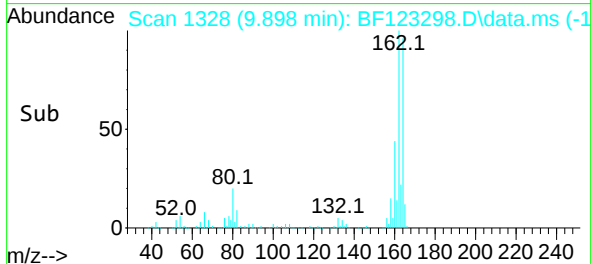
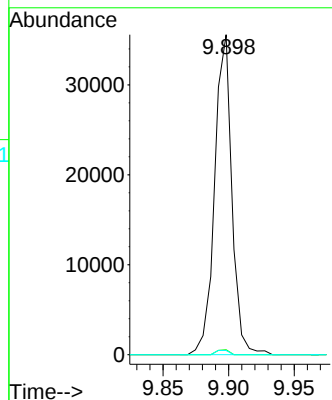
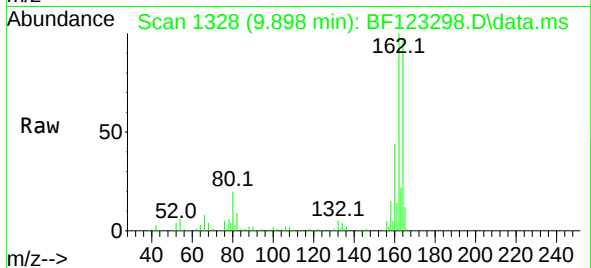




#51
2,6-Dinitrotoluene
Concen: 7.43 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

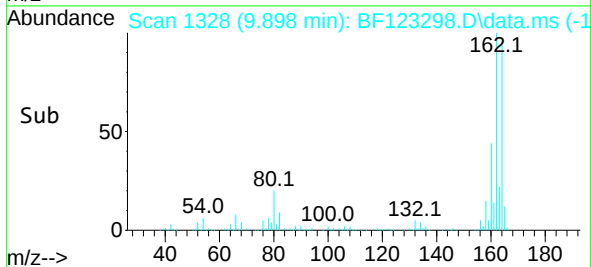
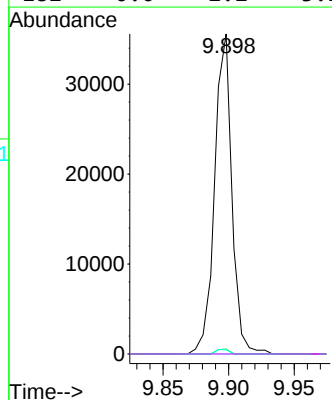
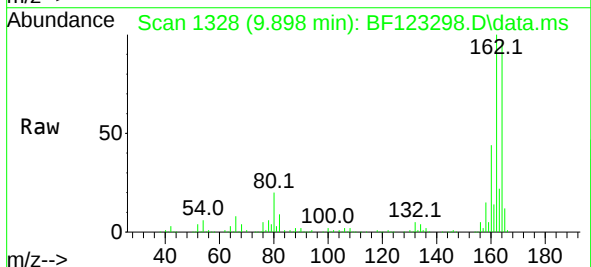
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ClientSampleId :
PB134816BL

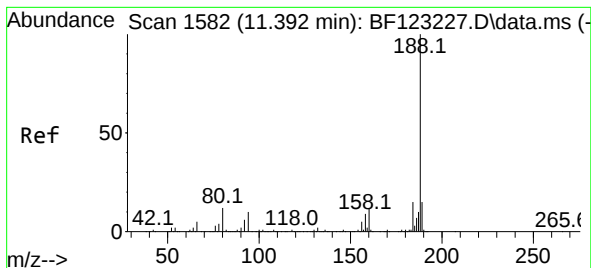
Tgt Ion:165 Resp: 32512
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

Tgt Ion:165 Resp: 32512
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF123298.D

Acq: 25 Feb 2021 14:32

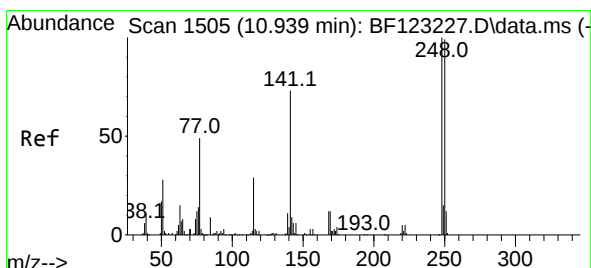
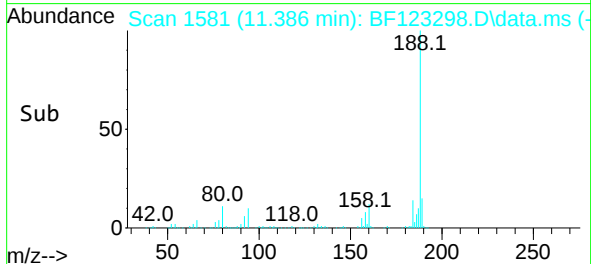
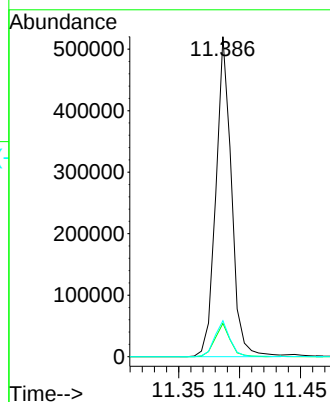
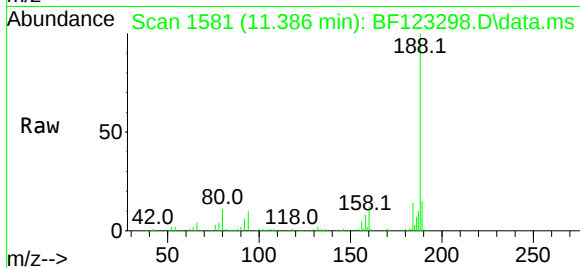
Tgt Ion:188 Resp: 464113

Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.2

80 11.3 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 3.97 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF123298.D

Acq: 25 Feb 2021 14:32

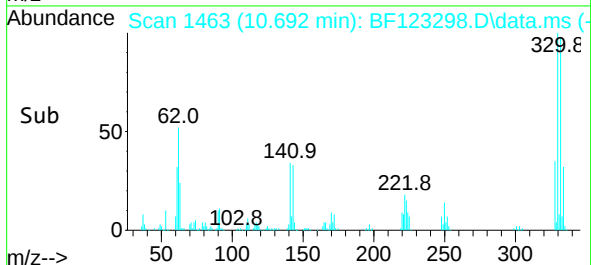
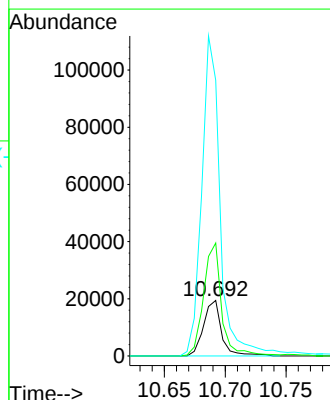
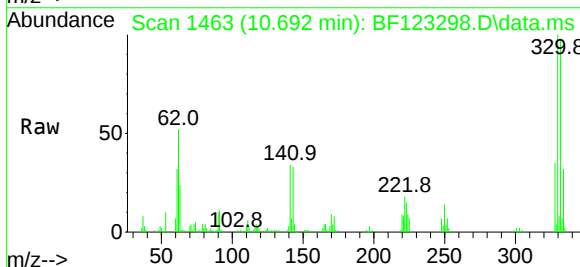
Tgt Ion:248 Resp: 20093

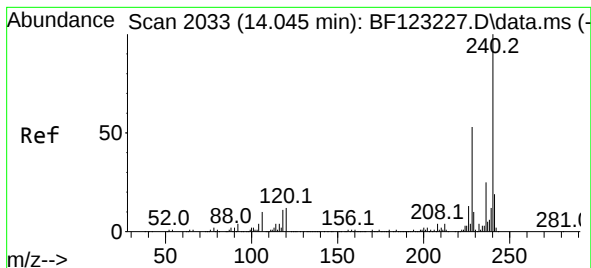
Ion Ratio Lower Upper

248 100

250 203.5 76.8 115.2#

141 496.5 59.8 89.8#

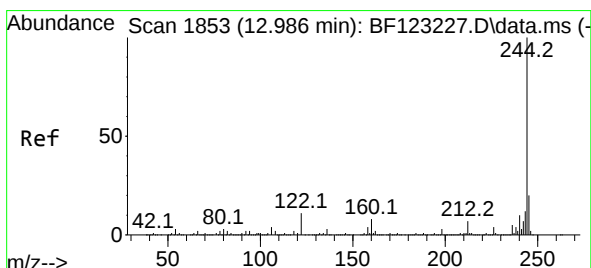
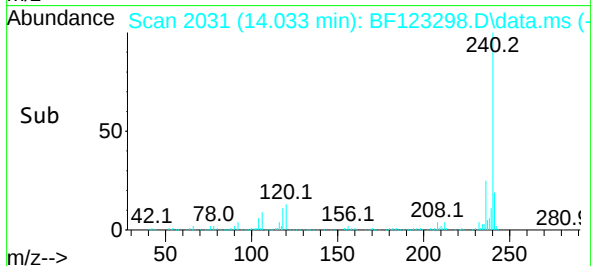
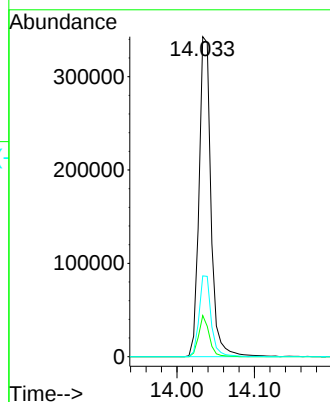
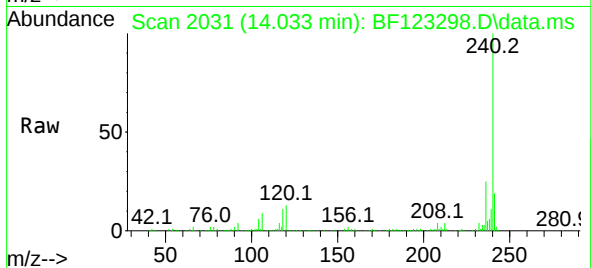




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

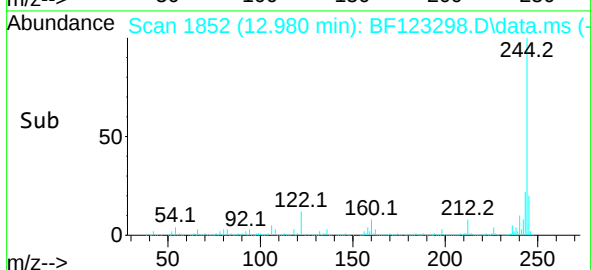
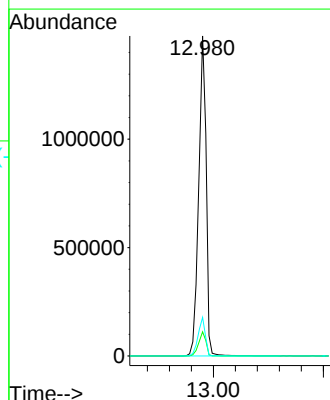
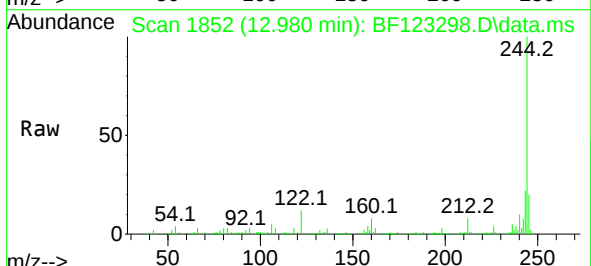
Instrument :
BNA_F
ClientSampleId :
PB134816BL

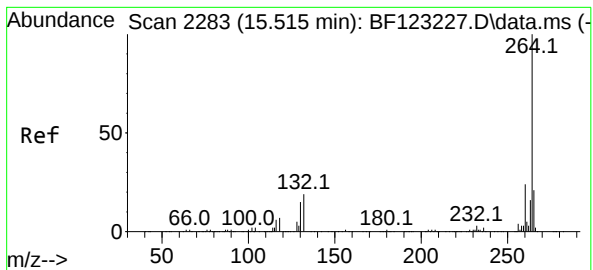
Tgt Ion:240 Resp: 366811
Ion Ratio Lower Upper
240 100
120 12.8 8.6 12.8
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 73.10 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123298.D
Acq: 25 Feb 2021 14:32

Tgt Ion:244 Resp: 1394408
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 12.1 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123298.D
 Acq: 25 Feb 2021 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB134816BL

Tgt Ion:264 Resp: 332360
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 20.9 17.0 25.6

