

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123281.D
 Acq On : 23 Feb 2021 15:11
 Operator : JU/CG
 Sample : PB134772TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134772TB

Quant Time: Feb 23 18:19:46 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)

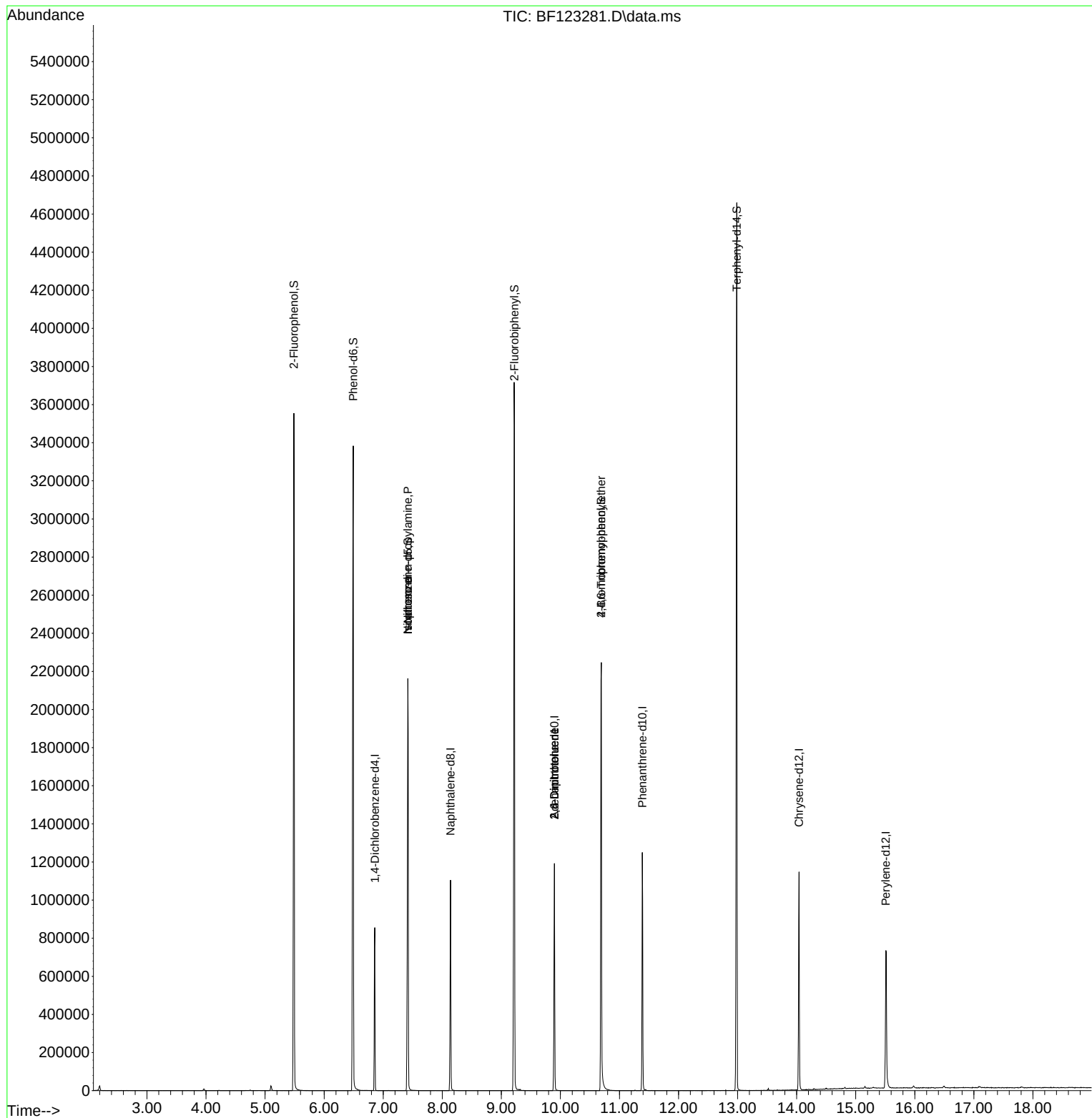
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	114612	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	465753	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	232233	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	440664	20.00	ng	0.00
76) Chrysene-d12	14.039	240	372873	20.00	ng	0.00
86) Perylene-d12	15.510	264	348451	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	977621	122.78	ng	0.01
7) Phenol-d6	6.493	99	1230137	113.72	ng	0.00
23) Nitrobenzene-d5	7.416	82	814351	80.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	270258	114.29	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1272836	78.73	ng	0.00
79) Terphenyl-d14	12.986	244	1396199	72.00	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.493	77	1867	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	112940	17.55	ng	# 80
25) Isophorone	7.416	82	808673	42.50	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	29170	7.29	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	29170	5.42	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	19865	4.13	ng	# 1

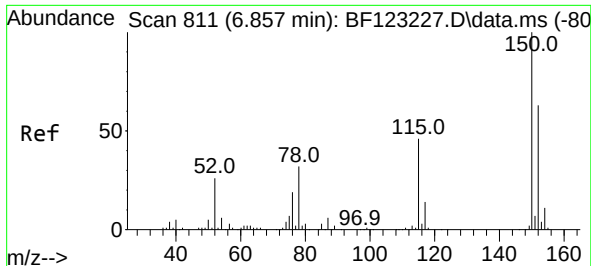
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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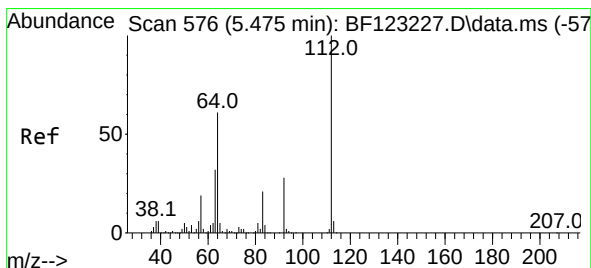
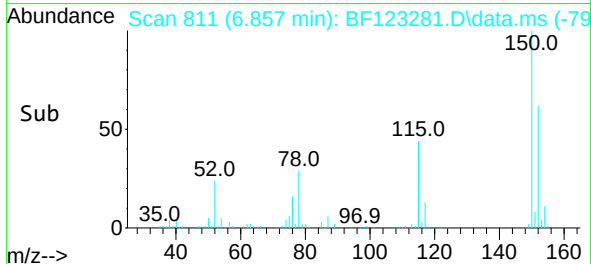
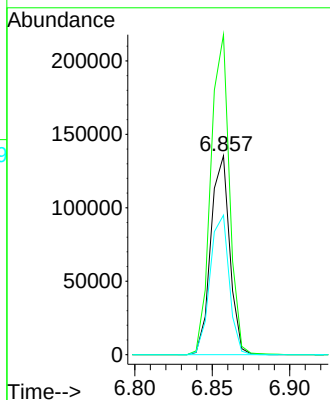
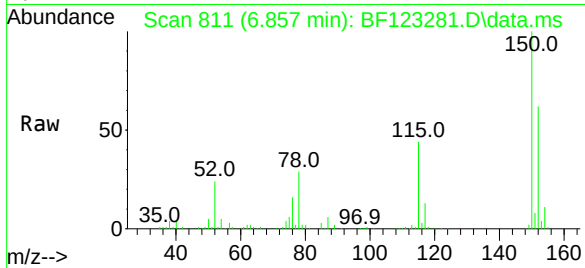




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

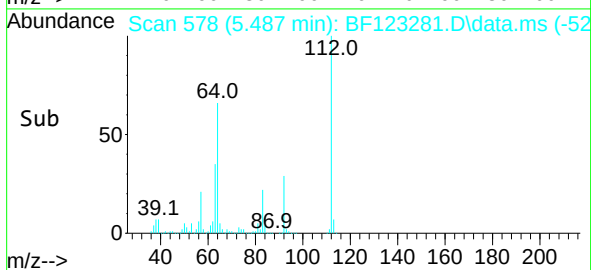
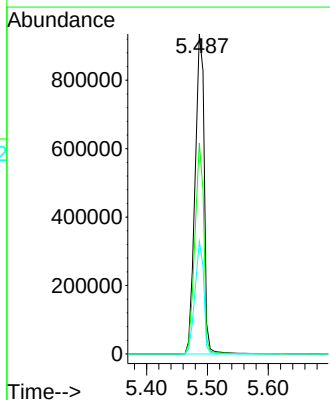
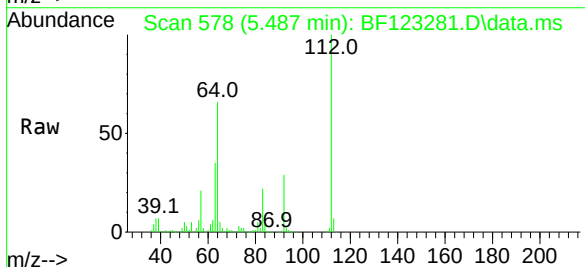
Instrument :
BNA_F
ClientSampleId :
PB134772TB

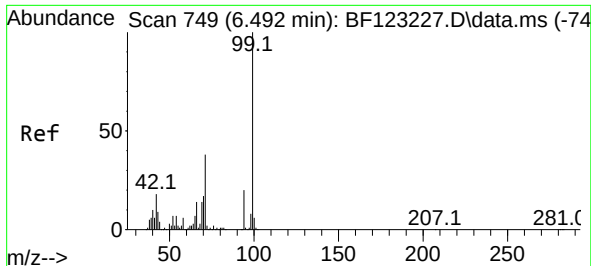
Tgt Ion:152 Resp: 114612
Ion Ratio Lower Upper
152 100
150 160.9 125.8 188.6
115 70.2 49.3 73.9



#5
2-Fluorophenol
Concen: 122.78 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Tgt Ion:112 Resp: 977621
Ion Ratio Lower Upper
112 100
64 65.9 46.9 70.3
63 35.1 24.5 36.7



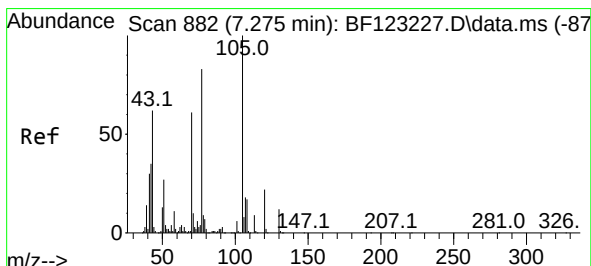
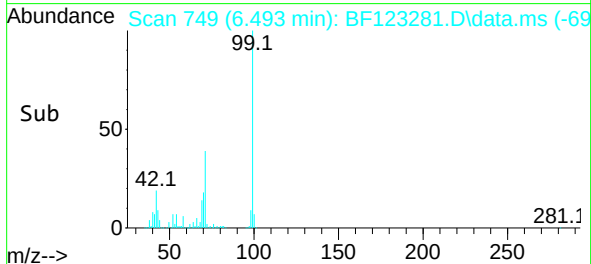
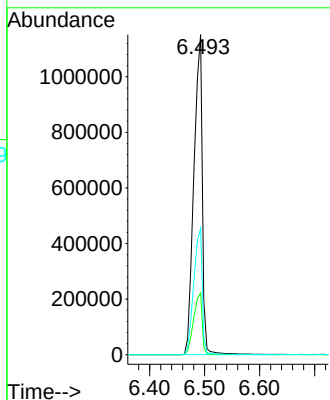
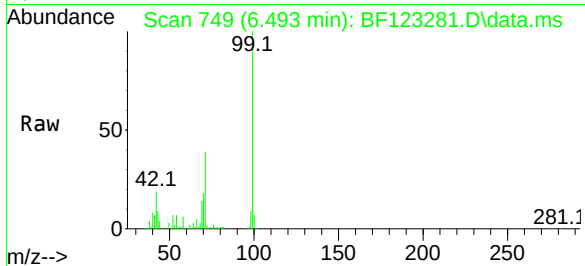


#7
Phenol-d6
Concen: 113.72 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Instrument :
BNA_F
ClientSampleId :
PB134772TB

Tgt Ion: 99 Resp: 1230137

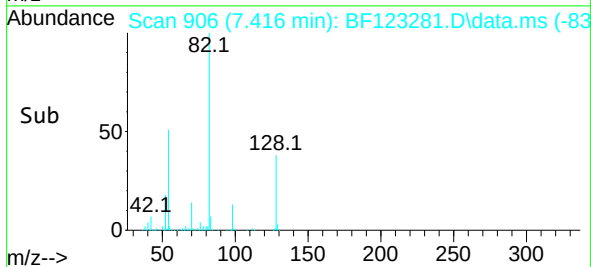
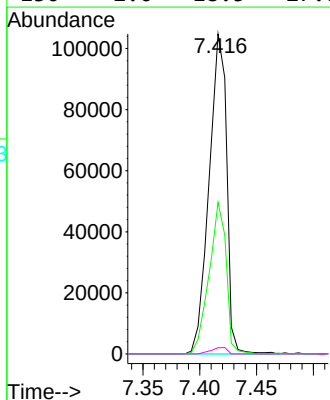
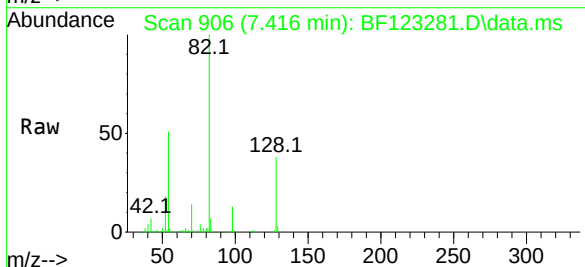
Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.8	20.6
71	39.5	26.9	40.3

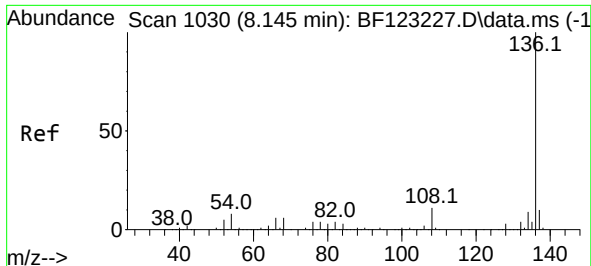


#19
n-Nitroso-di-n-propylamine
Concen: 17.55 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Tgt Ion: 70 Resp: 112940

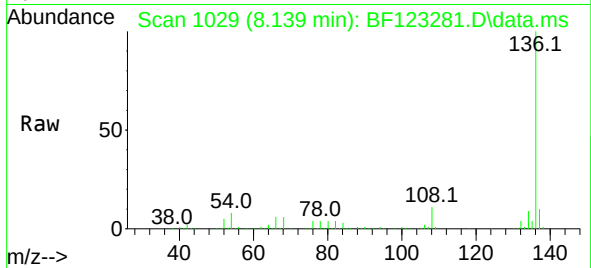
Ion	Ratio	Lower	Upper
70	100		
42	47.4	43.0	64.4
101	0.0	7.9	11.9#
130	2.0	18.5	27.7#





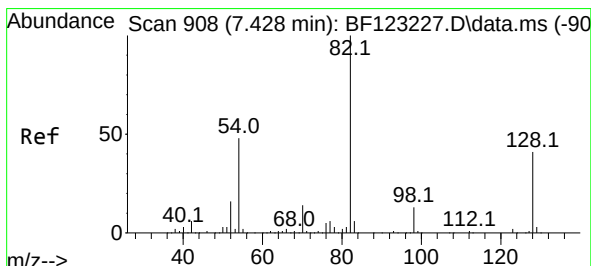
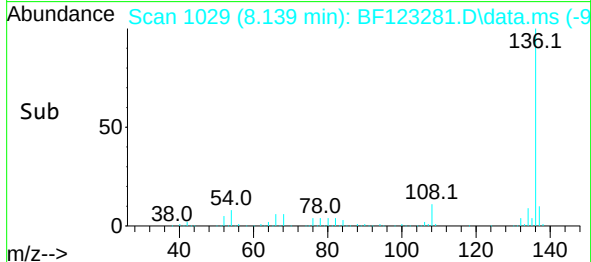
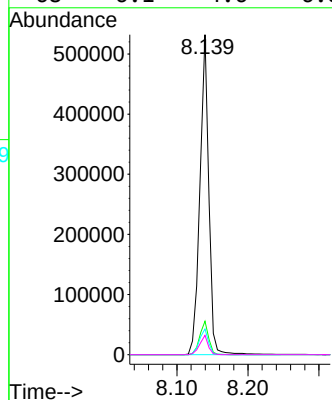
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Instrument :
BNA_F
ClientSampleId :
PB134772TB



Tgt Ion:136 Resp: 465753

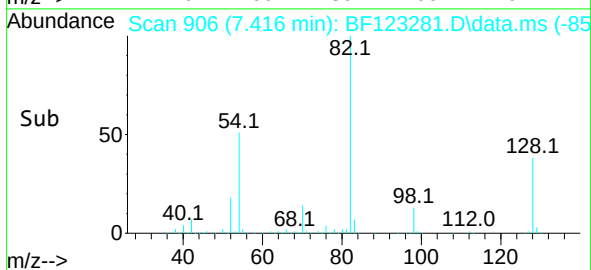
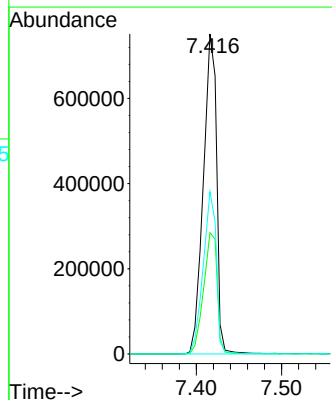
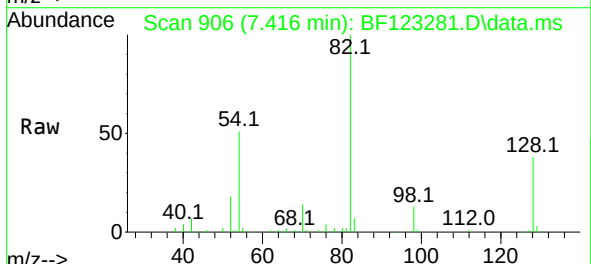
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.1	5.5	8.3
68	6.1	4.6	6.8

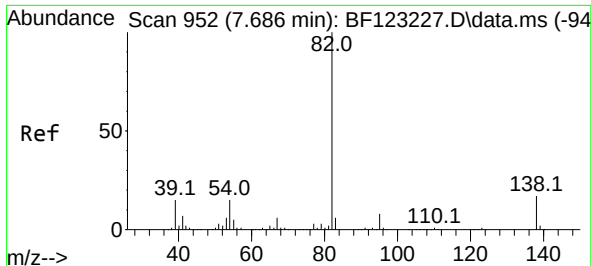


#23
Nitrobenzene-d5
Concen: 80.04 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Tgt Ion: 82 Resp: 814351

Ion	Ratio	Lower	Upper
82	100		
128	37.9	37.0	55.4
54	50.7	38.4	57.6

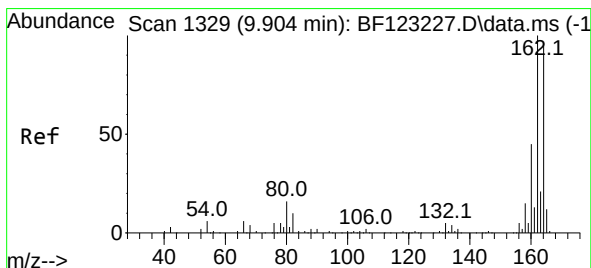
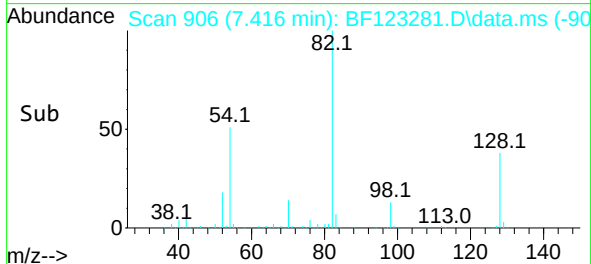
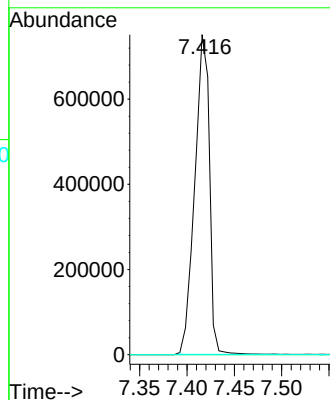
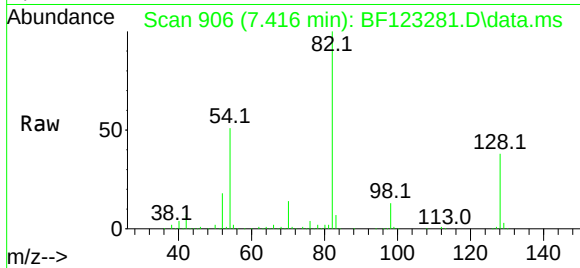




#25
Isophorone
Concen: 42.50 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.270 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

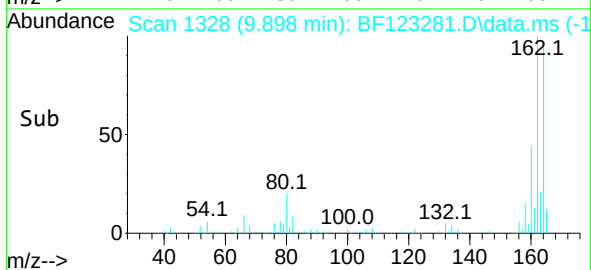
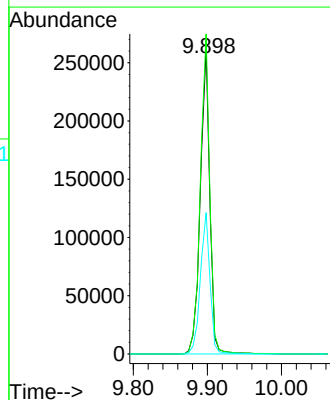
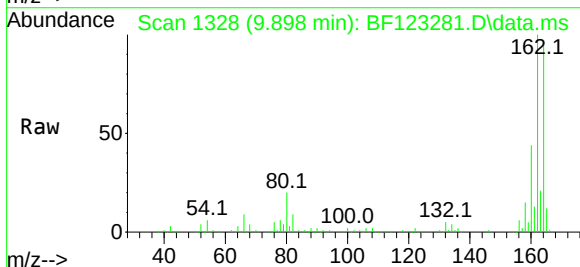
Instrument :
BNA_F
ClientSampleId :
PB134772TB

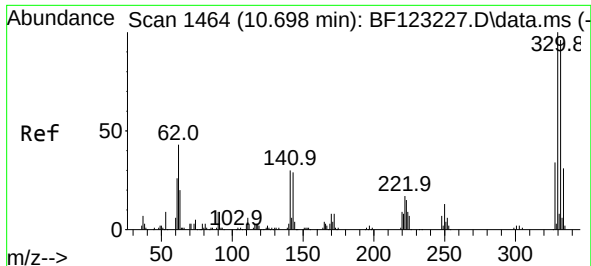
Tgt Ion: 82 Resp: 808673
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Tgt Ion: 164 Resp: 232233
Ion Ratio Lower Upper
164 100
162 105.0 80.8 121.2
160 46.4 35.4 53.0

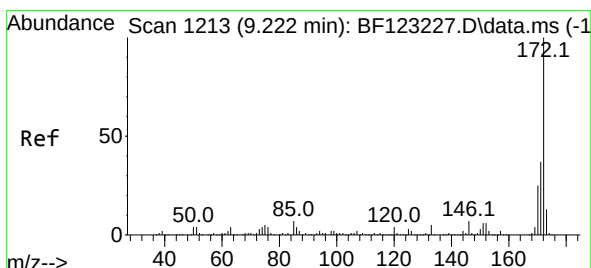
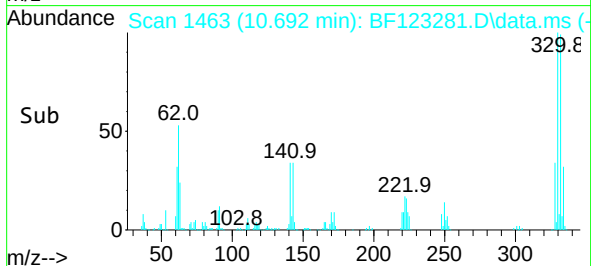
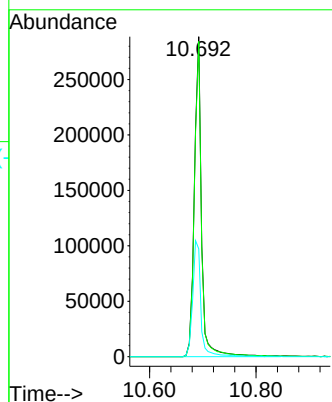
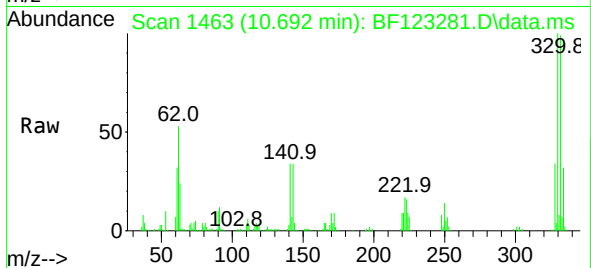




#42
2,4,6-Tribromophenol
Concen: 114.29 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

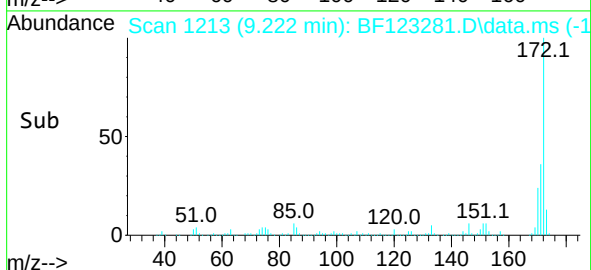
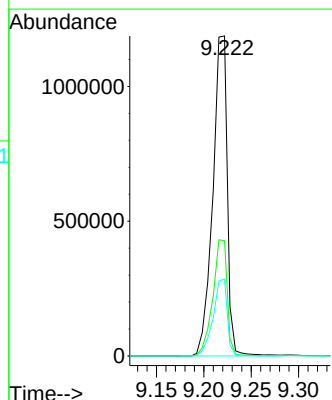
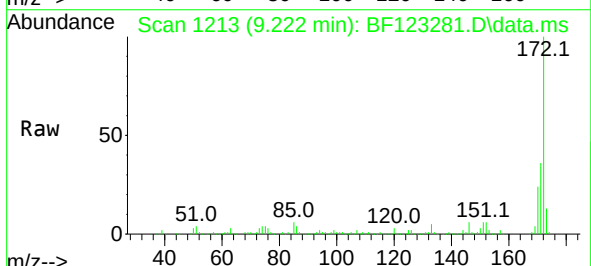
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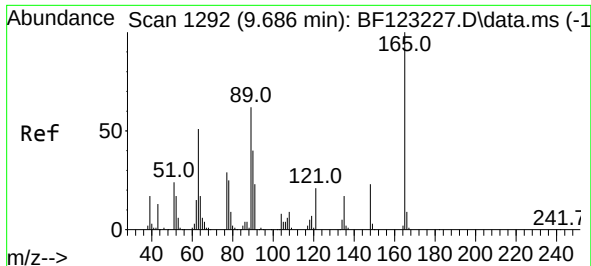
Tgt Ion: 330 Resp: 270258
Ion Ratio Lower Upper
330 100
332 98.2 77.5 116.3
141 41.6 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 78.73 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Tgt Ion: 172 Resp: 1272836
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.0 19.5 29.3

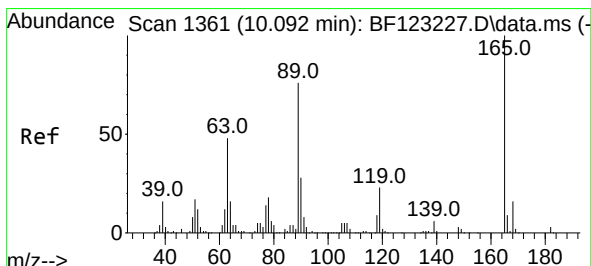
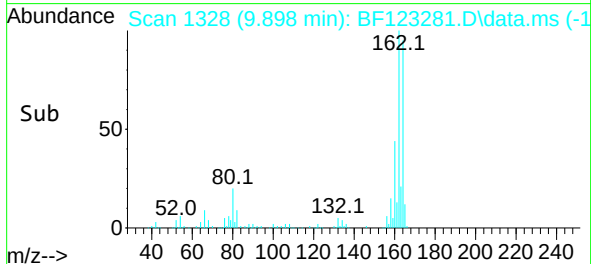
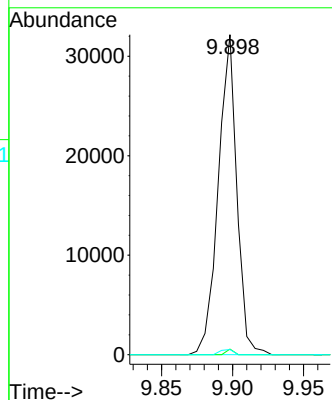
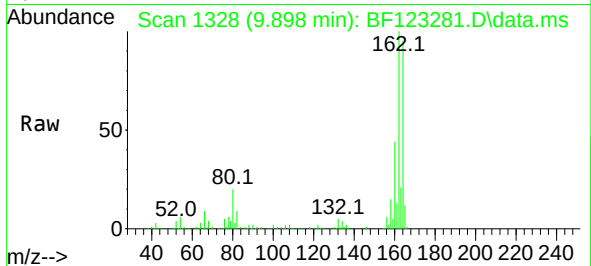




#51
2,6-Dinitrotoluene
Concen: 7.29 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

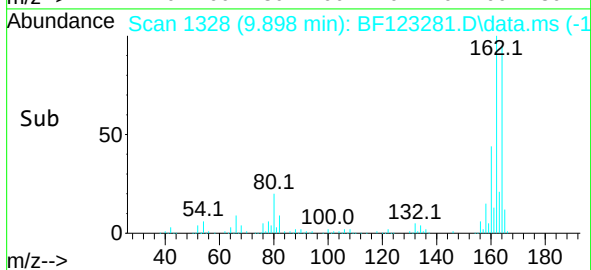
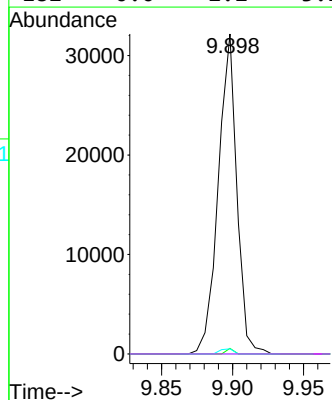
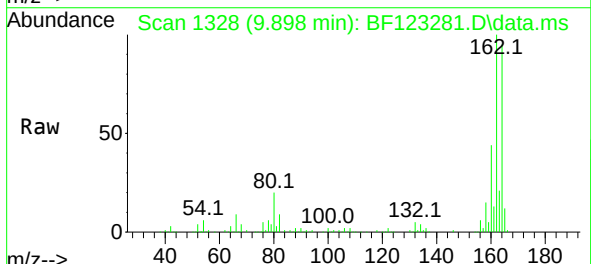
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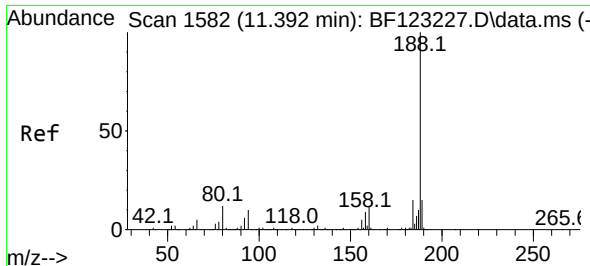
Tgt Ion:165 Resp: 29170
Ion Ratio Lower Upper
165 100
63 1.8 36.6 55.0#
89 1.6 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.42 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Tgt Ion:165 Resp: 29170
Ion Ratio Lower Upper
165 100
63 1.8 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#

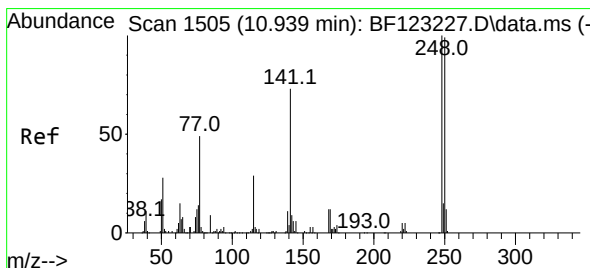
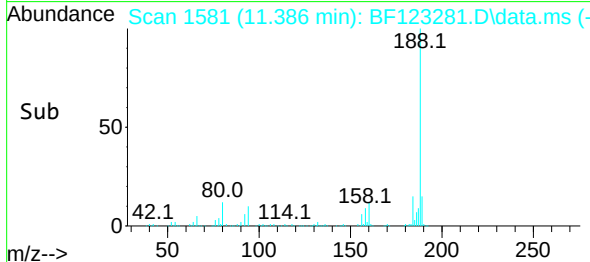
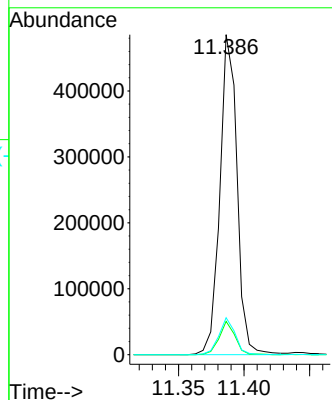
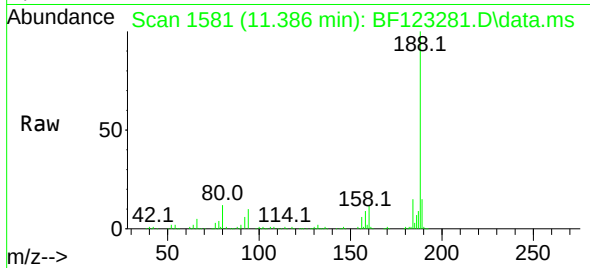




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

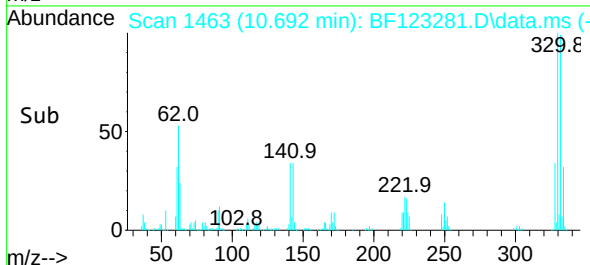
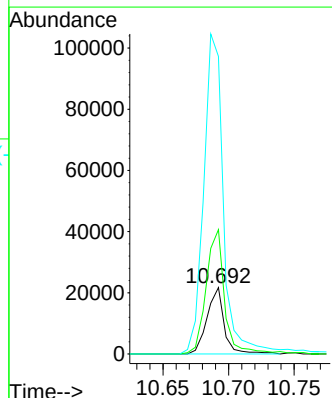
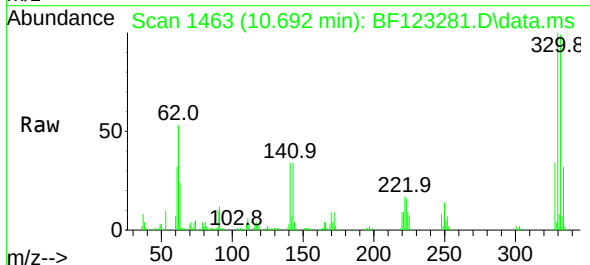
Instrument :
BNA_F
ClientSampleId :
PB134772TB

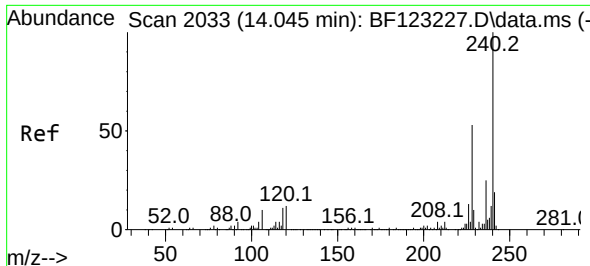
Tgt Ion:188 Resp: 440664
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Tgt Ion:248 Resp: 19865
Ion Ratio Lower Upper
248 100
250 187.2 76.8 115.2#
141 448.2 59.8 89.8#

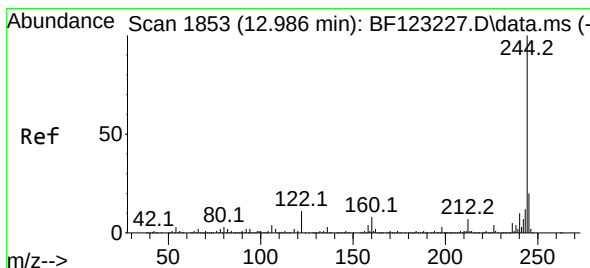
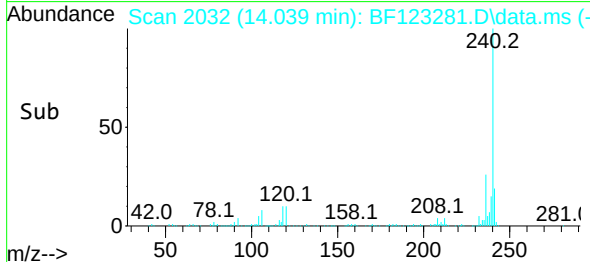
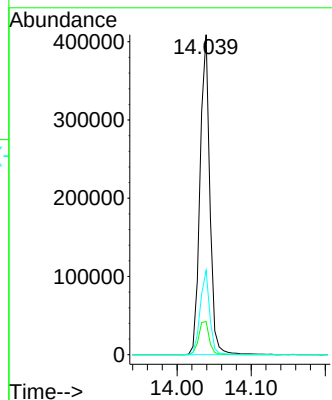
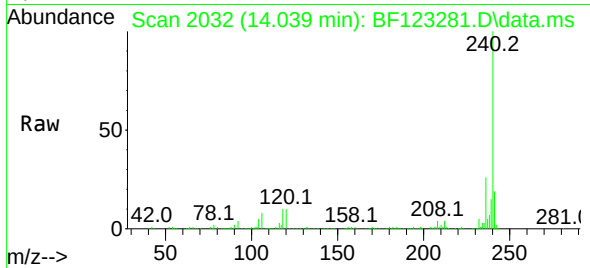




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

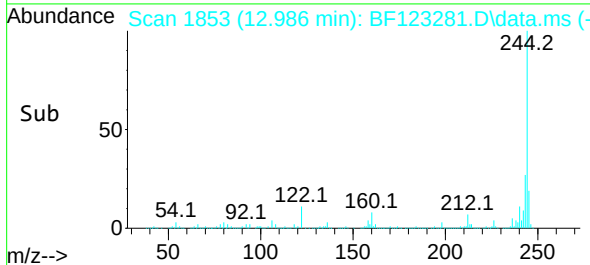
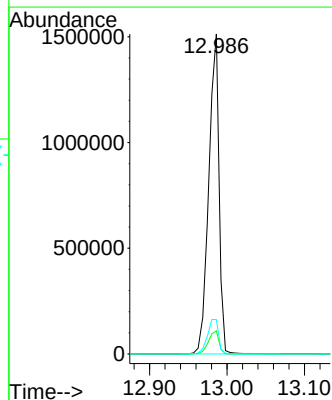
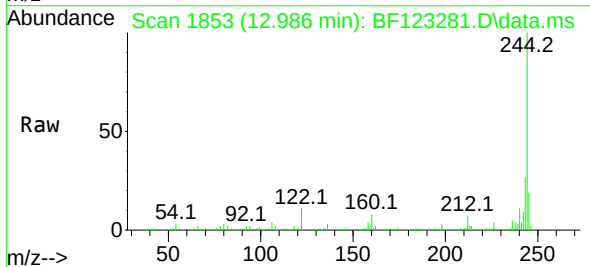
Instrument :
BNA_F
ClientSampleId :
PB134772TB

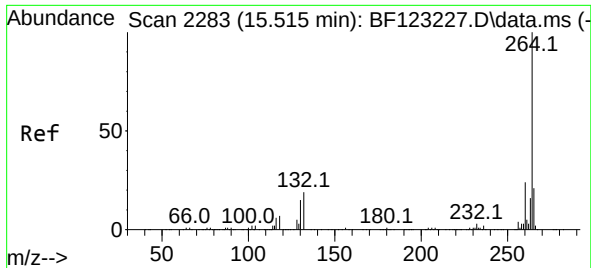
Tgt Ion:240 Resp: 372873
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 26.3 20.3 30.5



#79
Terphenyl-d14
Concen: 72.00 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Tgt Ion:244 Resp: 1396199
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.8 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: BF123281.D
 Acq: 23 Feb 2021 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB134772TB

Tgt Ion:264	Resp: 348451
Ion Ratio	Lower Upper
264	100
260	23.0 18.6 28.0
265	21.2 17.0 25.6

