

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
 Data File : BF123636.D
 Acq On : 19 Apr 2021 22:39
 Operator : JU/CG
 Sample : M2048-16 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-2.0

Quant Time: Apr 20 03:05:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

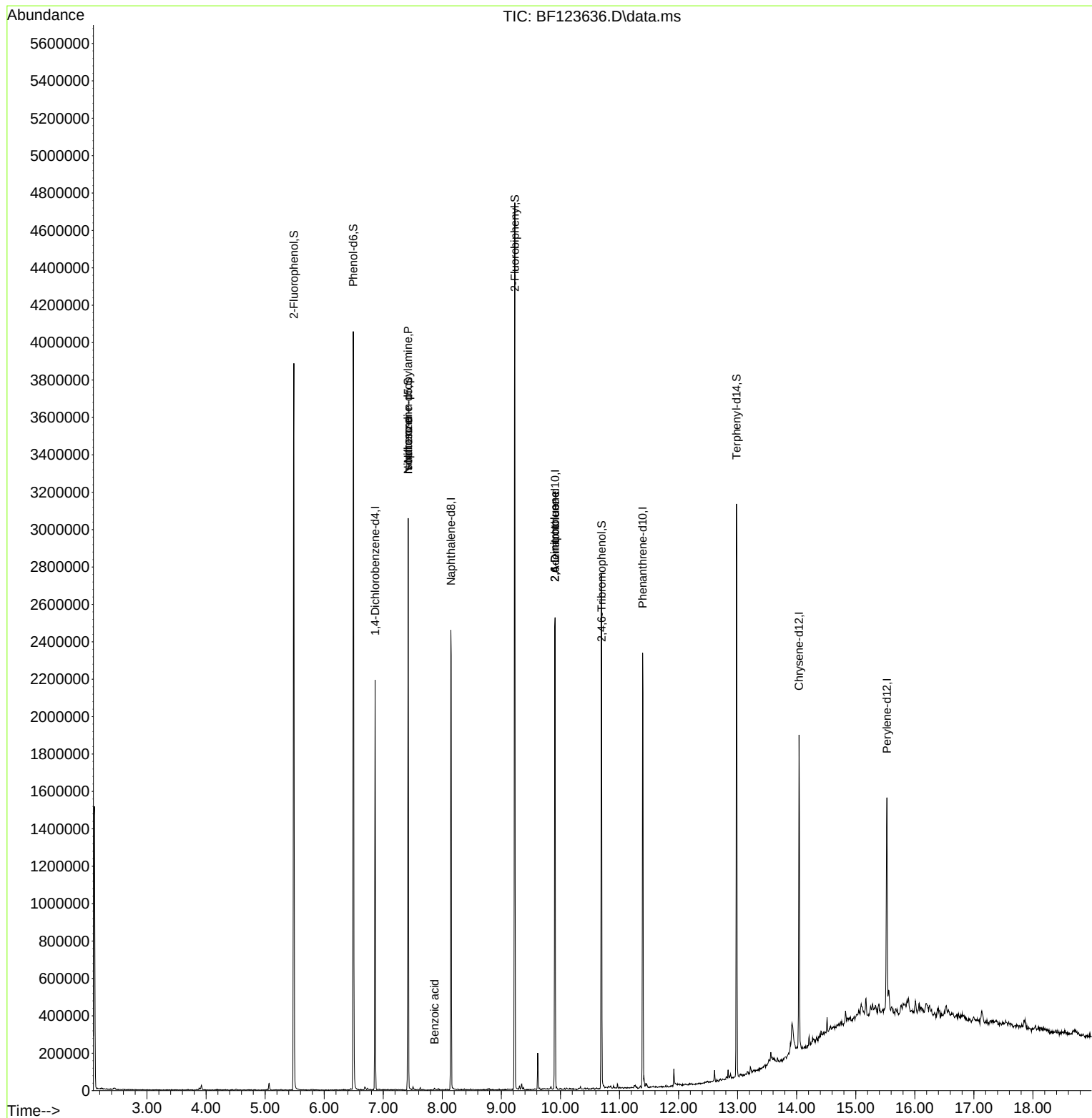
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	262728	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	1004613	20.00	ng	#-0.01
39) Acenaphthene-d10	9.910	164	487629	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	826913	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	554271	20.00	ng	-0.02
86) Perylene-d12	15.527	264	520148	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	883921	54.38	ng	0.00
7) Phenol-d6	6.492	99	1133141	50.31	ng	0.00
23) Nitrobenzene-d5	7.422	82	786761	36.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	290965	52.69	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1263460	38.62	ng	-0.01
79) Terphenyl-d14	12.980	244	970410	34.03	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	104828	7.03	ng	# 75
25) Isophorone	7.422	82	786761	18.56	ng	# 69
32) Benzoic acid	7.869	122	107	4.56	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	61900	8.37	ng	# 11
57) 2,4-Dinitrotoluene	9.904	165	61900	6.27	ng	# 17
89) Benzo(k)fluoranthene	15.086	252	14980	Below Cal		# 56
92) Benzo(g,h,i)perylene	17.462	276	5638	Below Cal		# 72

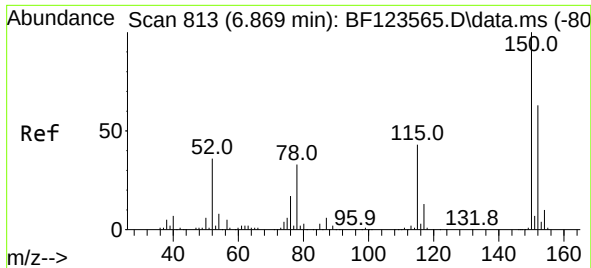
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

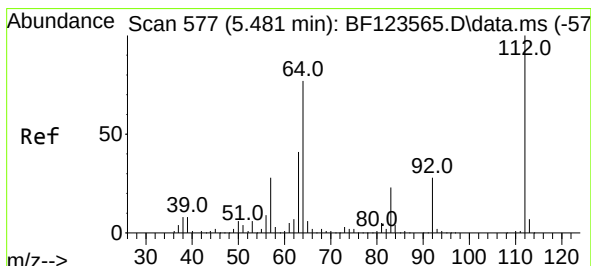
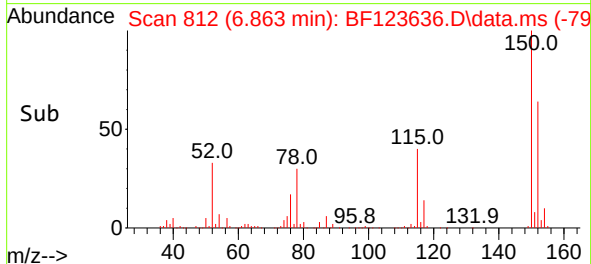
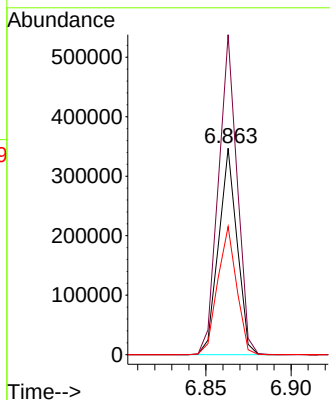
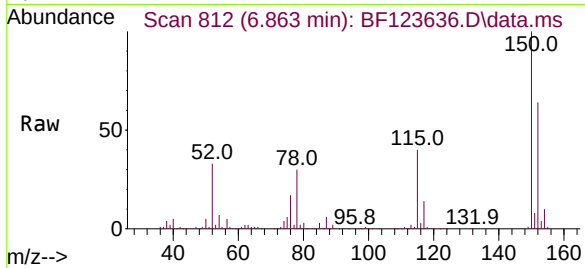




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

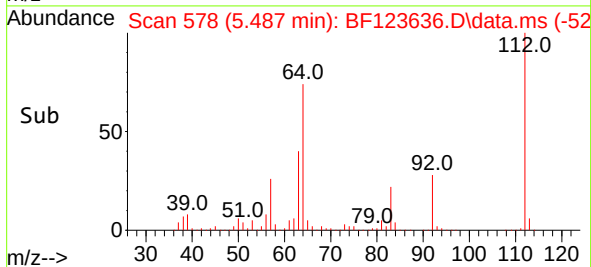
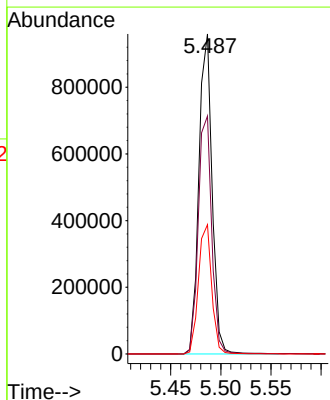
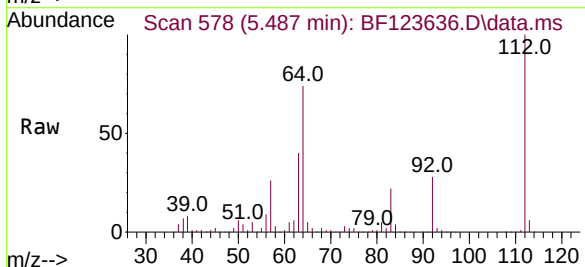
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

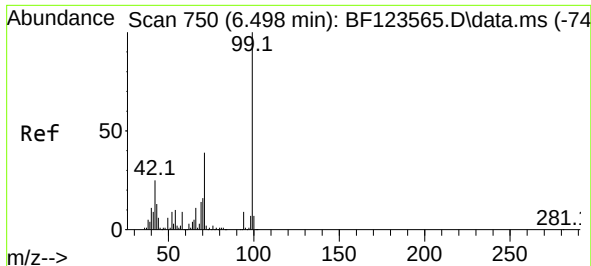
Tgt Ion:152 Resp: 262728
Ion Ratio Lower Upper
152 100
150 155.0 127.0 190.6
115 62.1 54.3 81.5



#5
2-Fluorophenol
Concen: 54.38 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

Tgt Ion:112 Resp: 883921
Ion Ratio Lower Upper
112 100
64 74.3 61.4 92.0
63 40.4 33.0 49.4

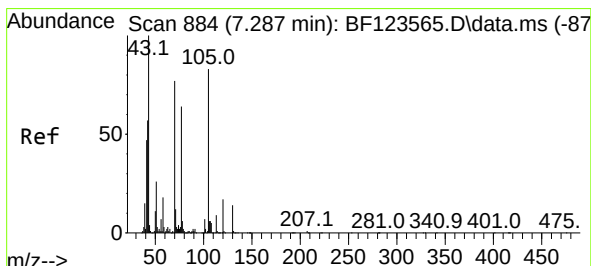
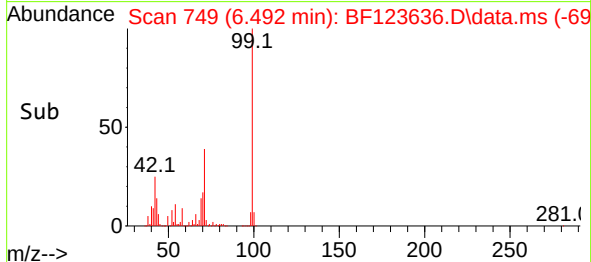
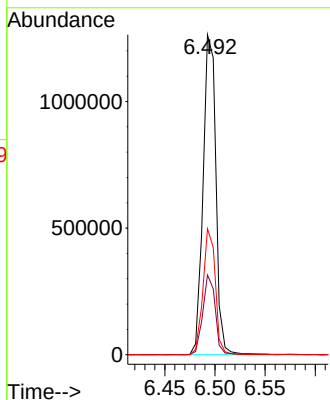
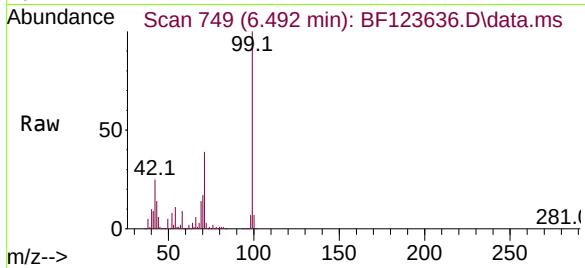




#7
Phenol-d6
Concen: 50.31 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

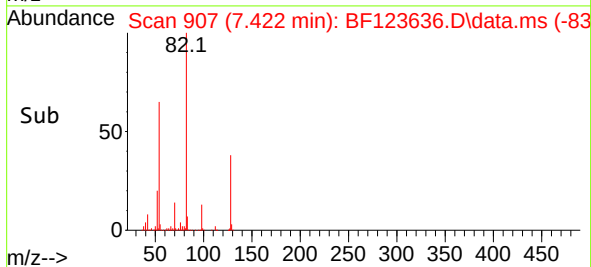
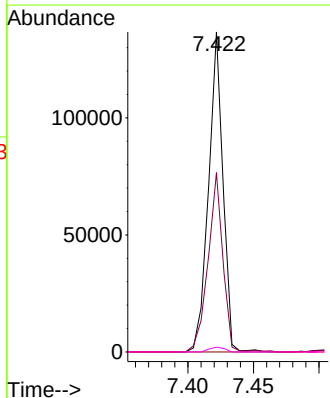
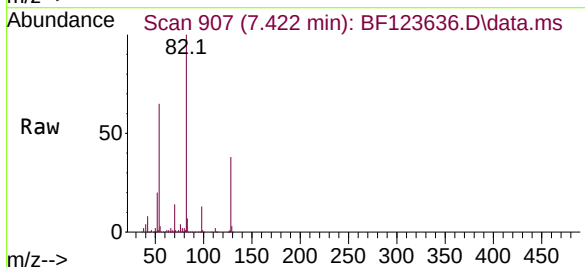
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

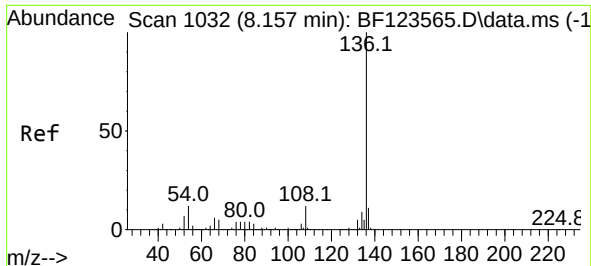
Tgt Ion: 99 Resp: 1133141
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.8
71 39.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 7.03 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

Tgt Ion: 70 Resp: 104828
Ion Ratio Lower Upper
70 100
42 56.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#

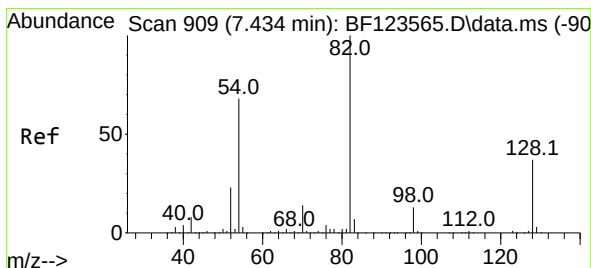
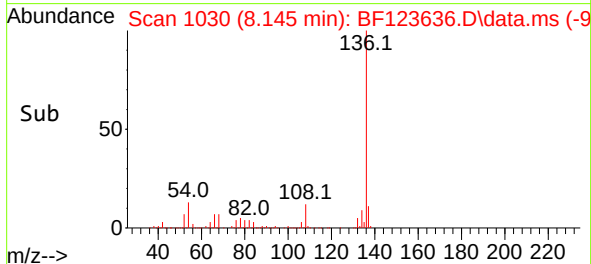
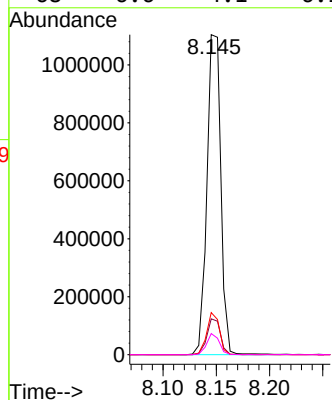
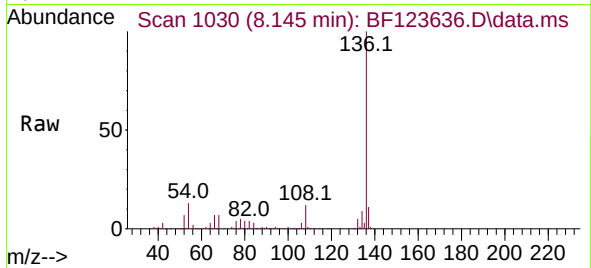




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

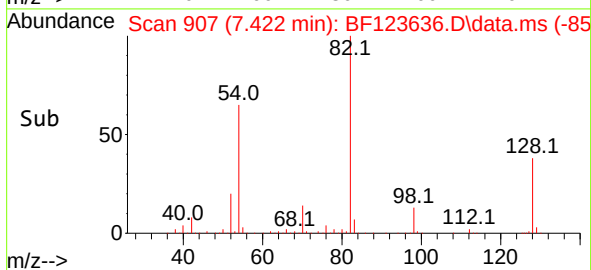
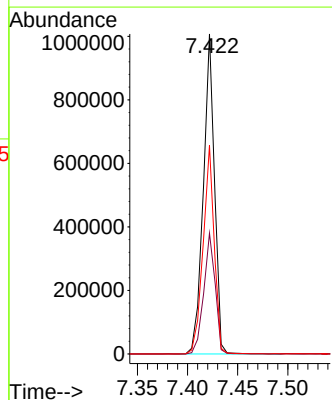
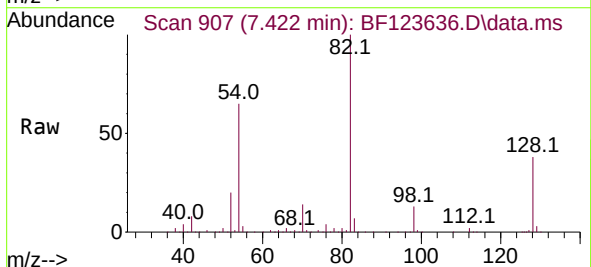
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

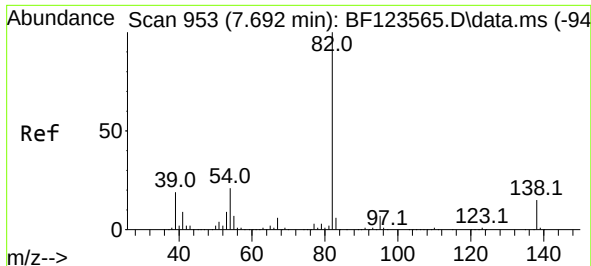
Tgt Ion:136 Resp: 1004613
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 13.1 9.8 14.6
68 6.6 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 36.00 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

Tgt Ion: 82 Resp: 786761
Ion Ratio Lower Upper
82 100
128 37.7 29.4 44.2
54 65.2 54.1 81.1

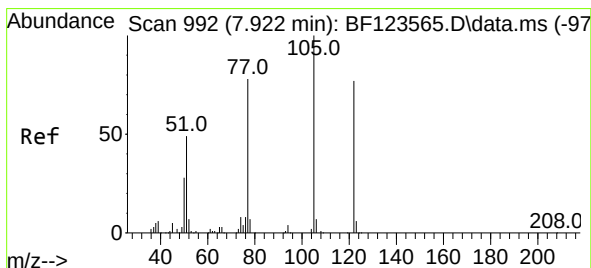
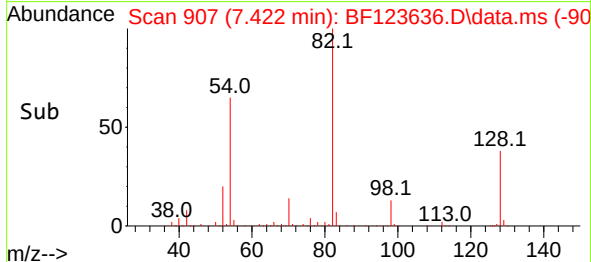
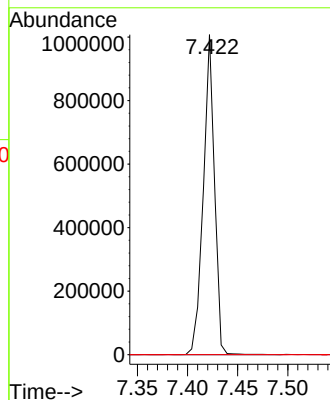
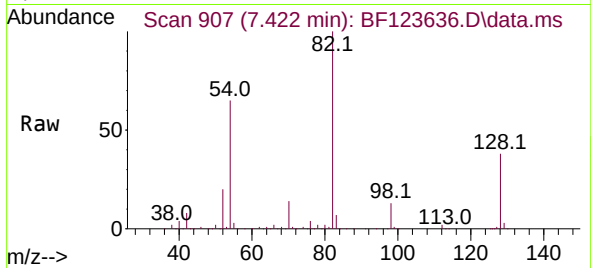




#25
Isophorone
Concen: 18.56 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

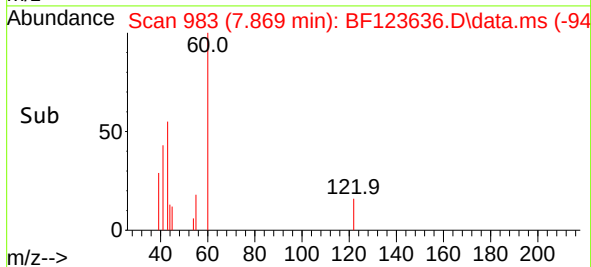
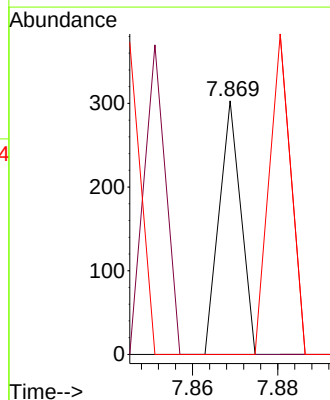
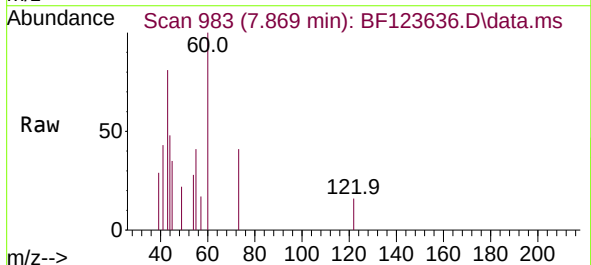
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

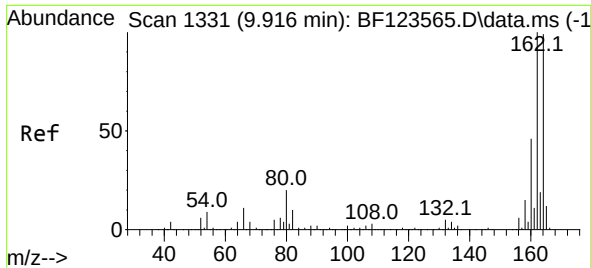
Tgt Ion: 82 Resp: 786761
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.053 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

Tgt Ion: 122 Resp: 107
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#

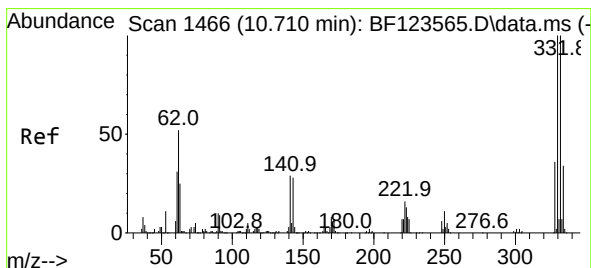
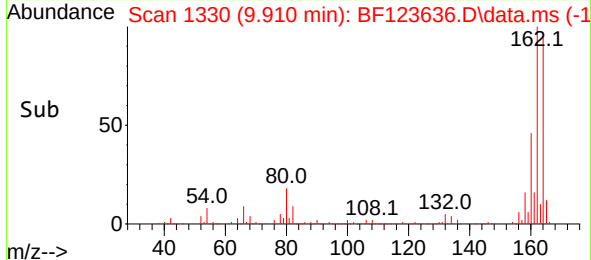
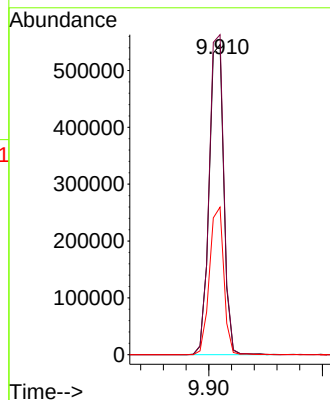
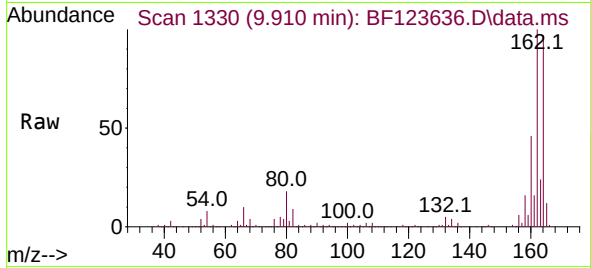




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

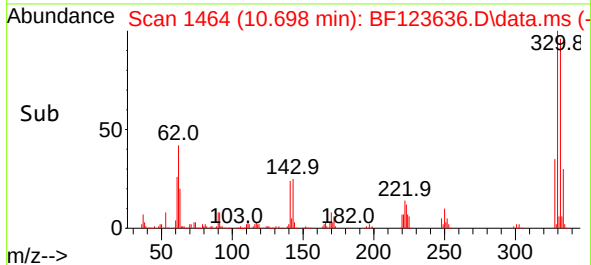
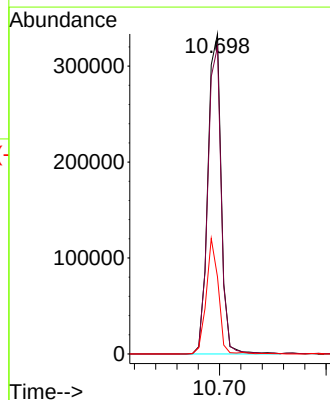
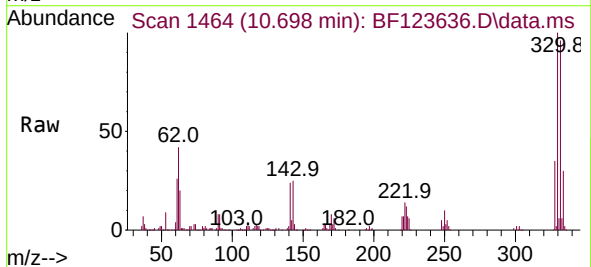
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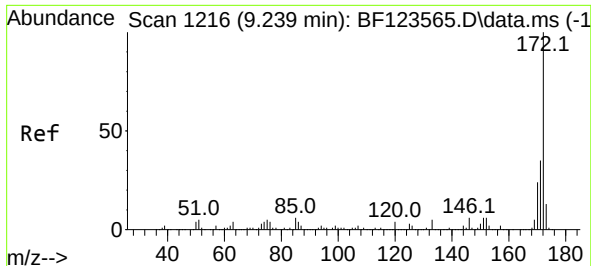
Tgt Ion:164 Resp: 487629
Ion Ratio Lower Upper
164 100
162 103.2 80.7 121.1
160 47.6 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 52.69 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

Tgt Ion:330 Resp: 290965
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 32.9 27.9 41.9

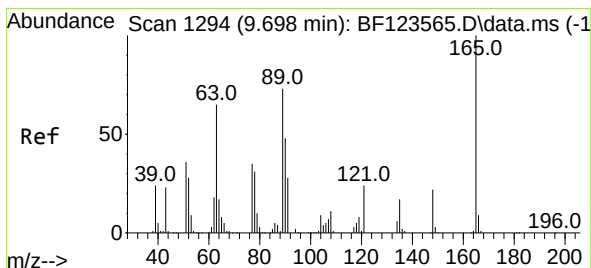
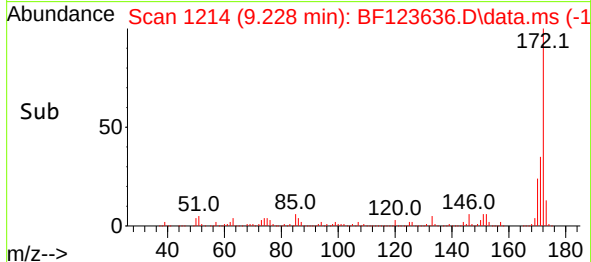
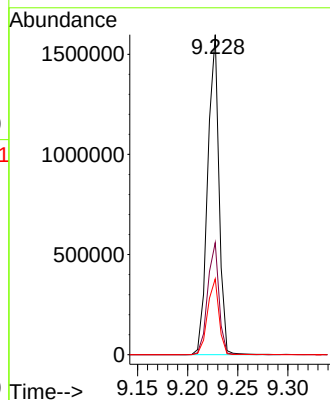
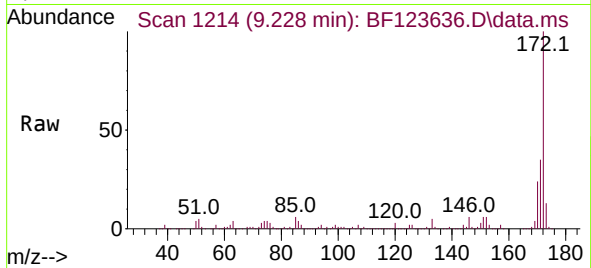




#45
2-Fluorobiphenyl
Concen: 38.62 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

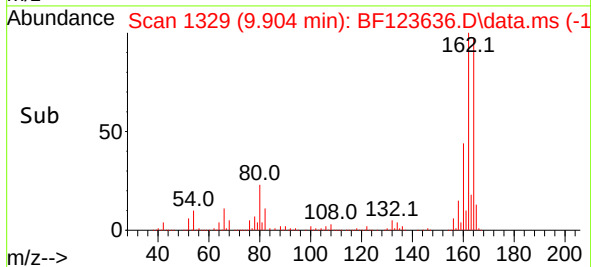
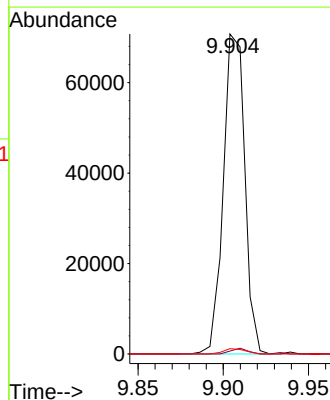
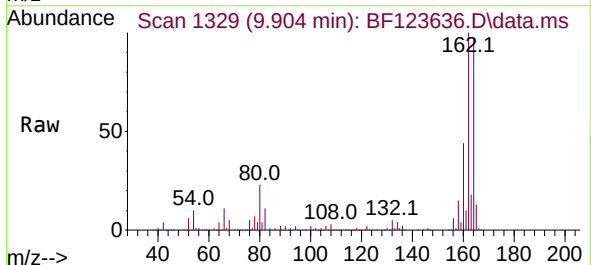
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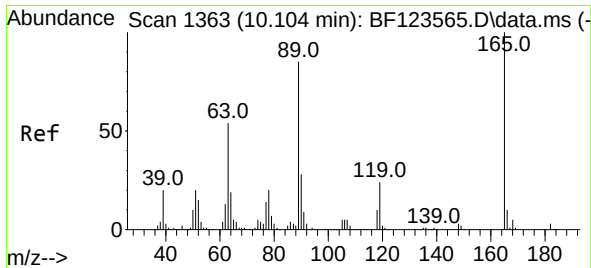
Tgt Ion:172 Resp: 1263460
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.7 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.37 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

Tgt Ion:165 Resp: 61900
Ion Ratio Lower Upper
165 100
63 0.9 67.7 101.5#
89 1.7 58.8 88.2#

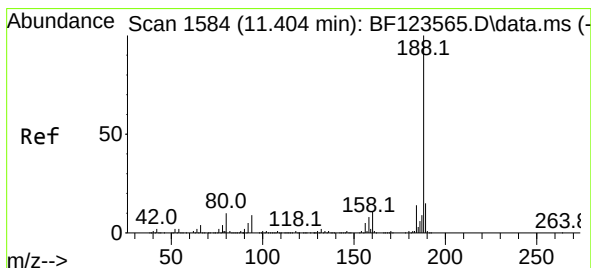
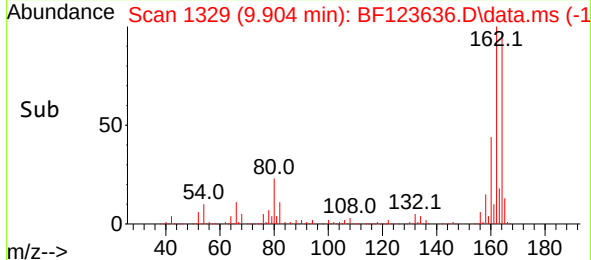
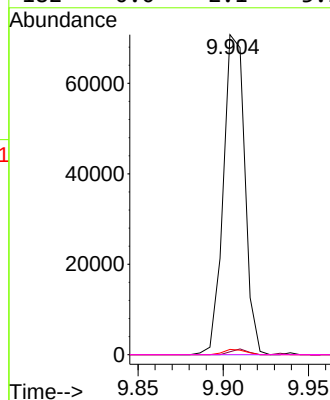
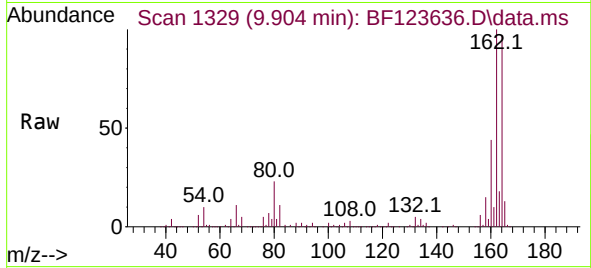




#57
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

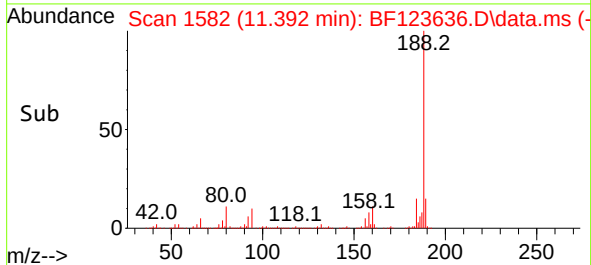
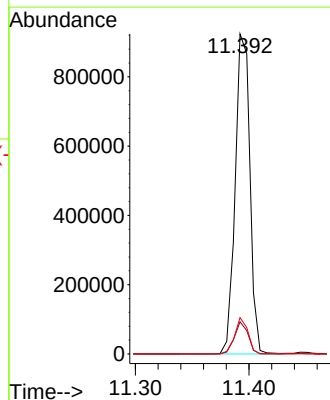
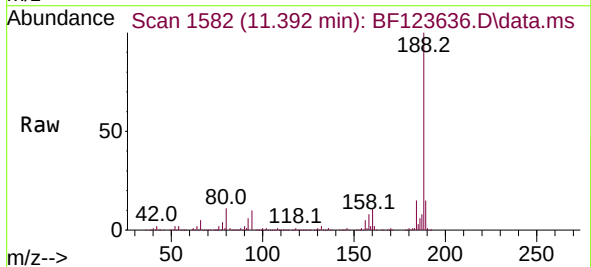
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

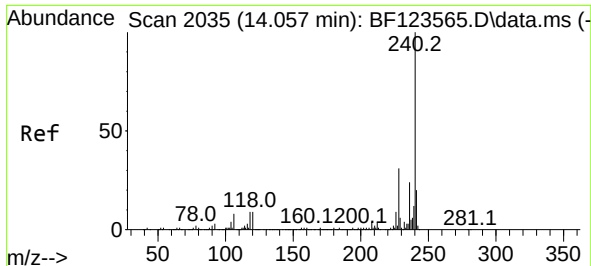
Tgt Ion:165	Resp:	61900
Ion Ratio	Lower	Upper
165	100	
63	0.9	43.5 65.3#
89	1.7	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

Tgt Ion:188	Resp:	826913
Ion Ratio	Lower	Upper
188	100	
94	10.1	6.9 10.3
80	11.4	8.2 12.2

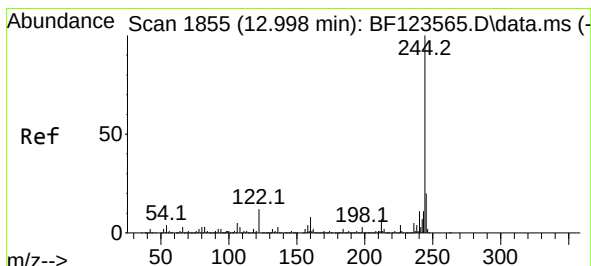
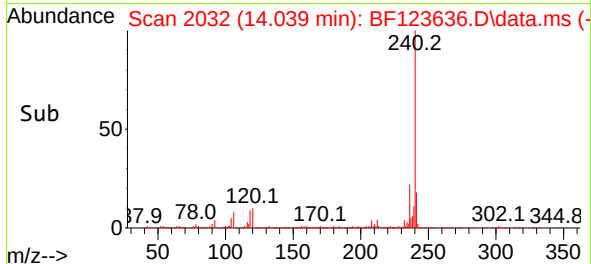
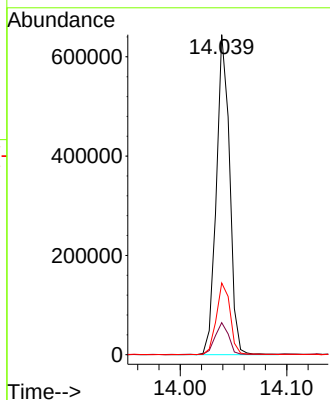
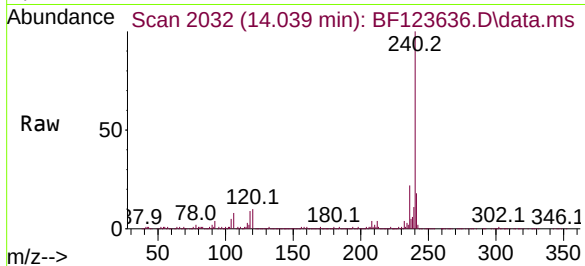




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

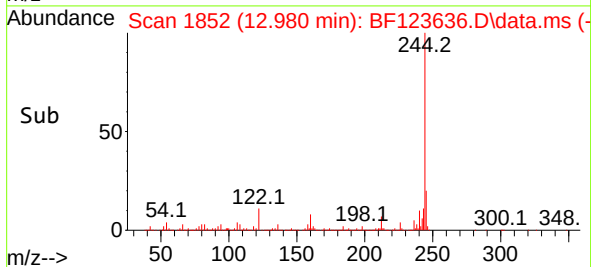
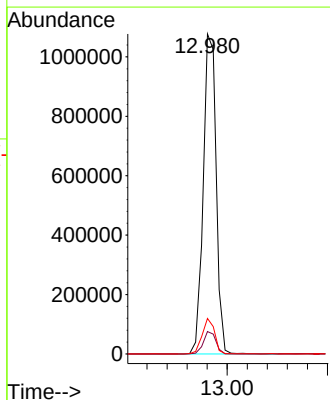
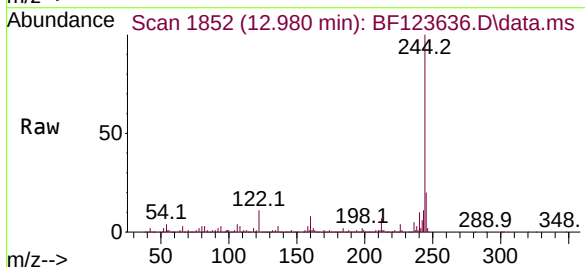
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

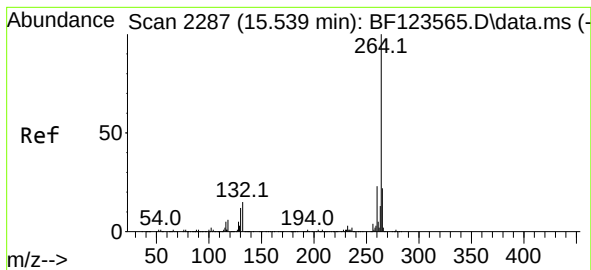
Tgt Ion:240 Resp: 554271
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 22.4 19.0 28.4



#79
Terphenyl-d14
Concen: 34.03 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.018 min
Lab File: BF123636.D
Acq: 19 Apr 2021 22:39

Tgt Ion:244 Resp: 970410
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.1 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.012 min
 Lab File: BF123636.D
 Acq: 19 Apr 2021 22:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-2.0

Tgt Ion:264	Resp:	520148
Ion Ratio	Lower	Upper
264	100	
260	24.7	18.7 28.1
265	21.3	17.8 26.8

