

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124659.D
 Acq On : 21 Jul 2021 12:56
 Operator : JU/CG
 Sample : PB137817BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137817BL

Quant Time: Jul 21 16:09:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:08:04 2021
 Response via : Initial Calibration

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

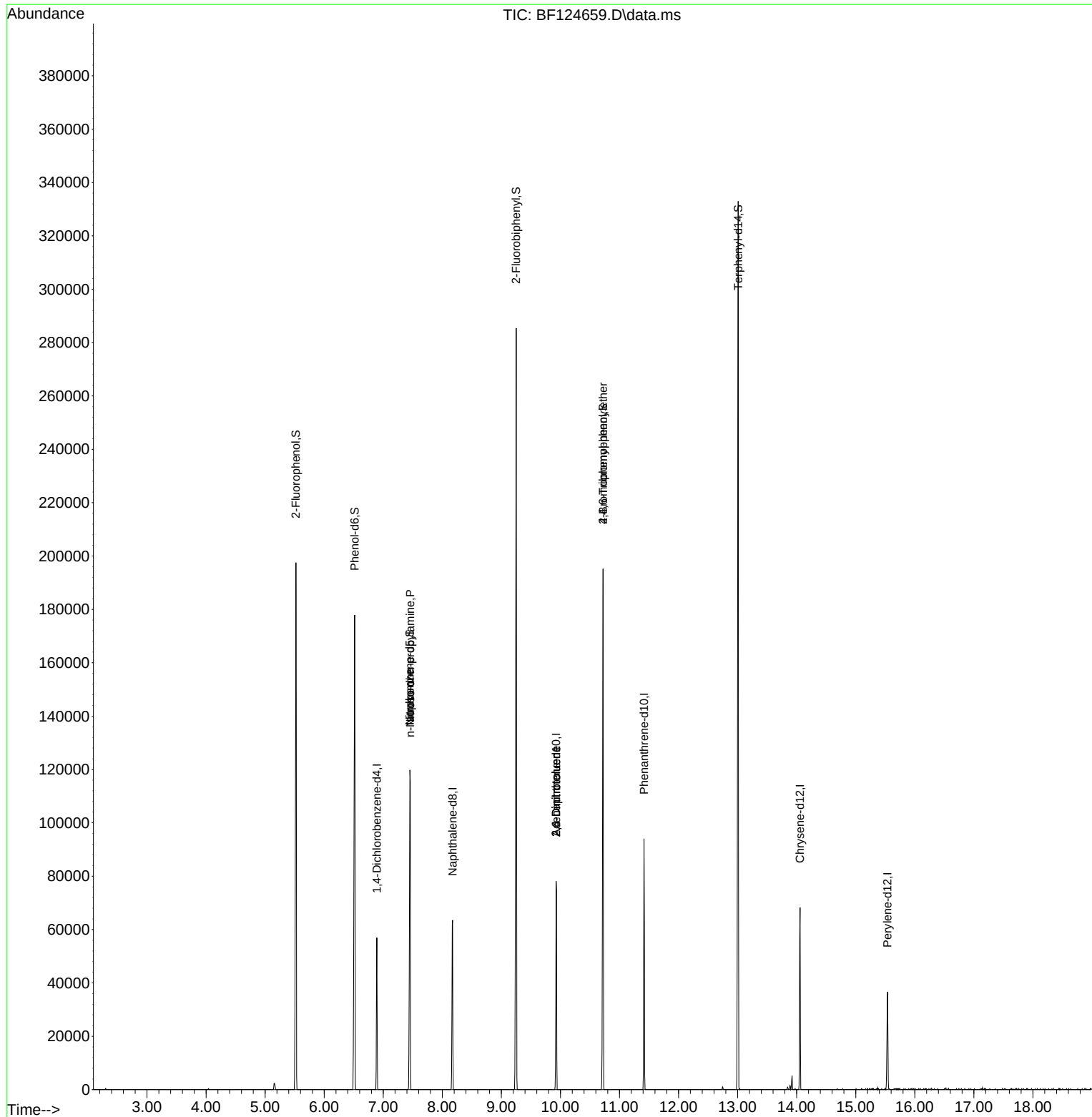
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	8039	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	33699	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	18892	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	34269	20.000	ng	0.00
76) Chrysene-d12	14.057	240	24524	20.000	ng	0.00
86) Perylene-d12	15.539	264	17743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	60278	129.912	ng	0.01
7) Phenol-d6	6.516	99	70044	124.093	ng	0.00
23) Nitrobenzene-d5	7.451	82	42479	79.574	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	18302	124.491	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	96900	74.795	ng	0.00
79) Terphenyl-d14	13.010	244	109942	75.279	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.457	70	5858	18.459	ng	# 65
25) Isophorone	7.451	82	42273	43.137	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	2463	9.505	ng	# 26
57) 2,4-Dinitrotoluene	9.927	165	2463	6.943	ng	# 18
67) 4-Bromophenyl-phenylether	10.721	248	1500	4.233	ng	# 1

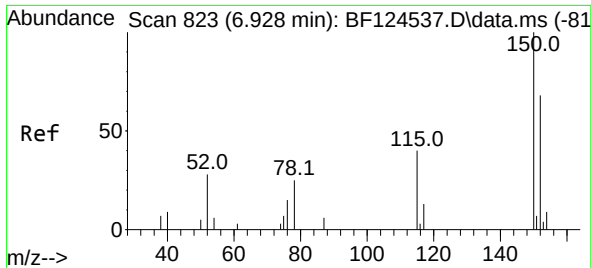
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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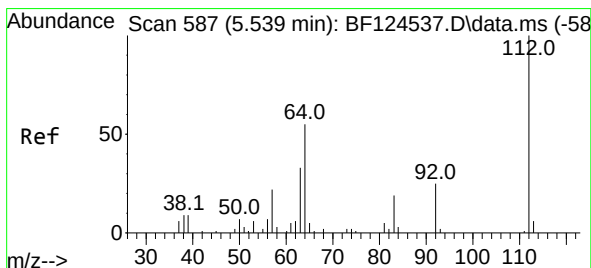
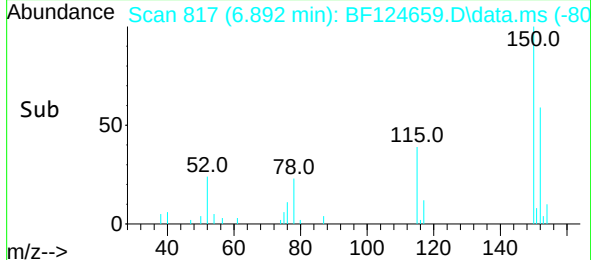
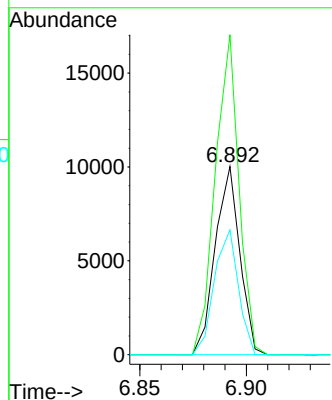
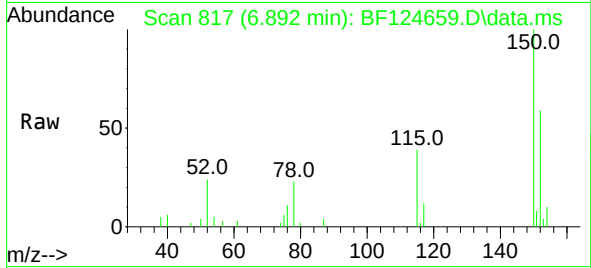




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

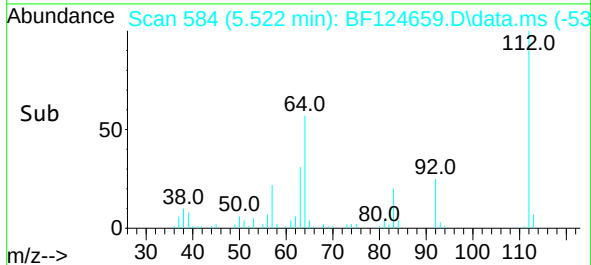
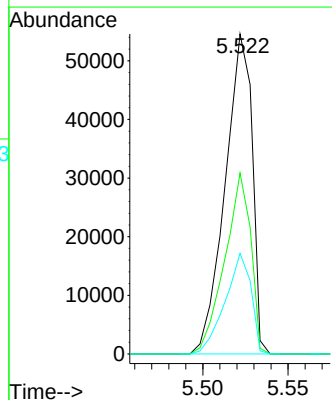
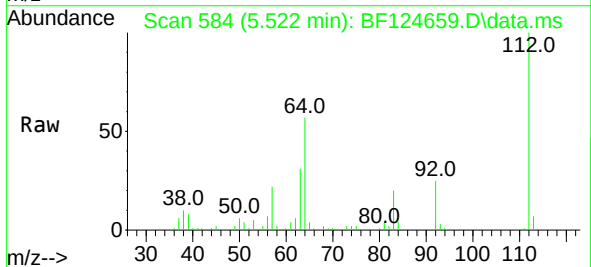
Instrument :
BNA_F
ClientSampleId :
PB137817BL

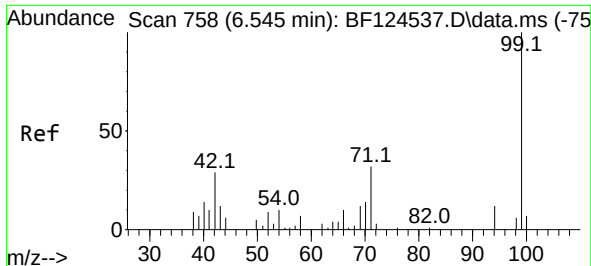
Tgt Ion:152 Resp: 8039
Ion Ratio Lower Upper
152 100
150 170.1 117.6 176.4
115 66.3 47.1 70.7



#5
2-Fluorophenol
Concen: 129.912 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

Tgt Ion:112 Resp: 60278
Ion Ratio Lower Upper
112 100
64 56.6 44.2 66.2
63 31.5 26.2 39.2

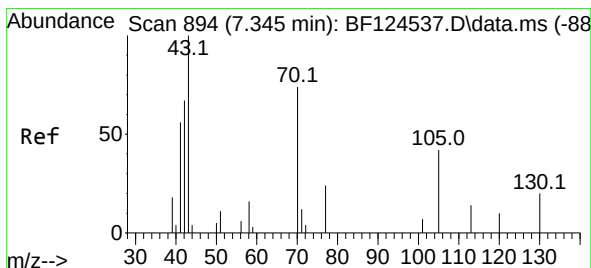
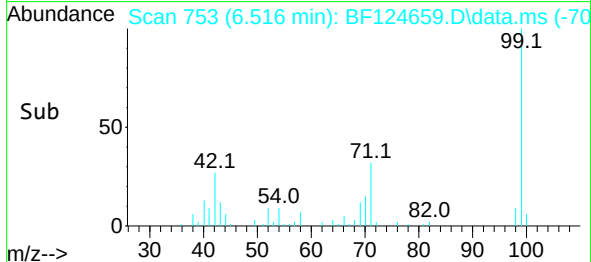
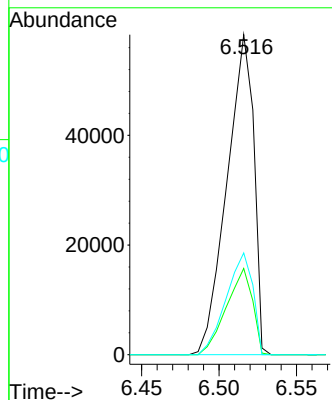
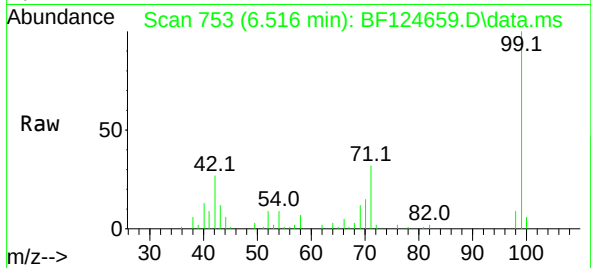




#7
Phenol-d6
Concen: 124.093 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

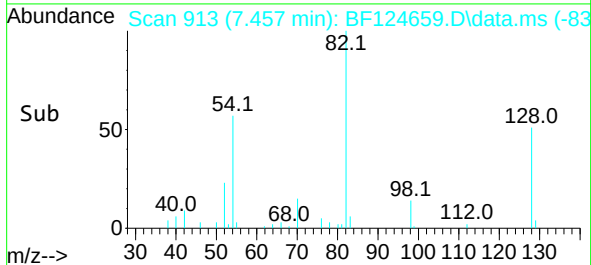
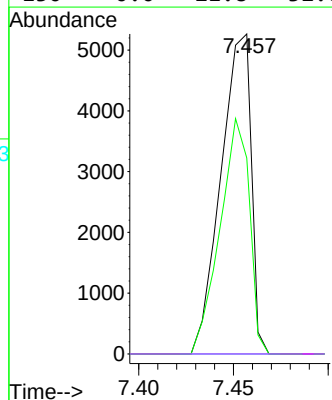
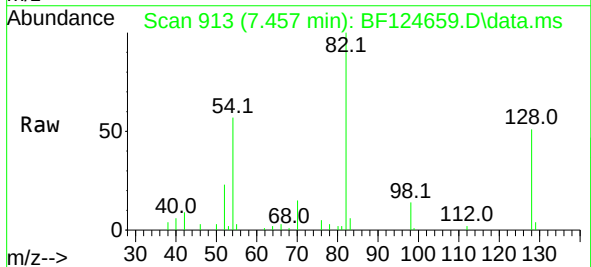
Instrument :
BNA_F
ClientSampleID :
PB137817BL

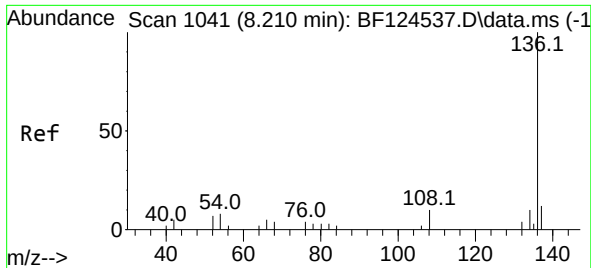
Tgt Ion:	99	Resp:	70044
Ion	Ratio	Lower	Upper
99	100		
42	27.0	23.5	35.3
71	31.8	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.459 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

Tgt Ion:	70	Resp:	5858
Ion	Ratio	Lower	Upper
70	100		
42	61.3	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

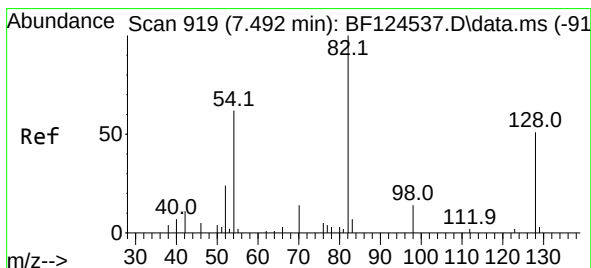
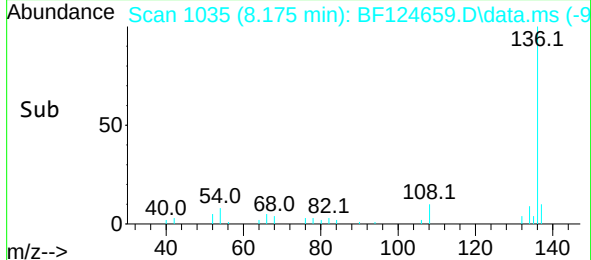
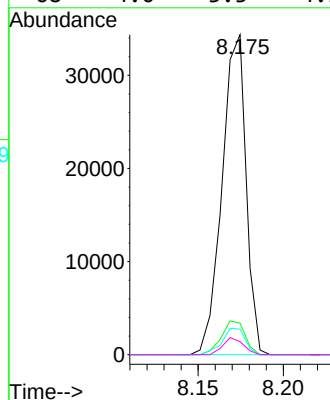
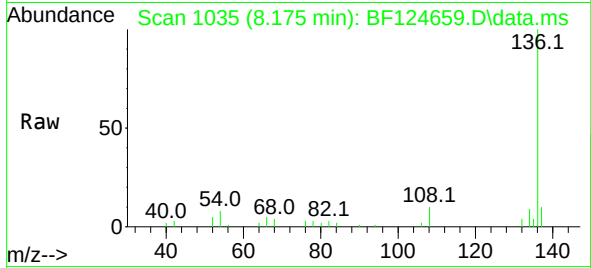




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

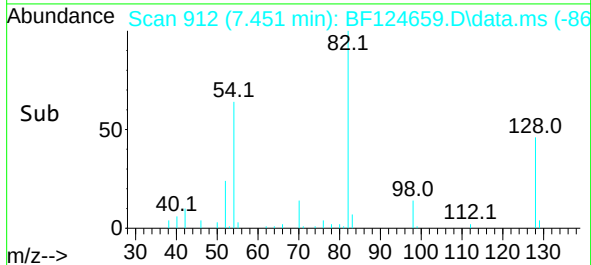
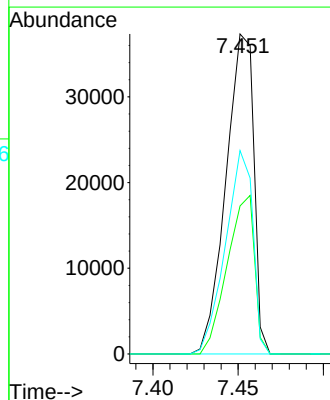
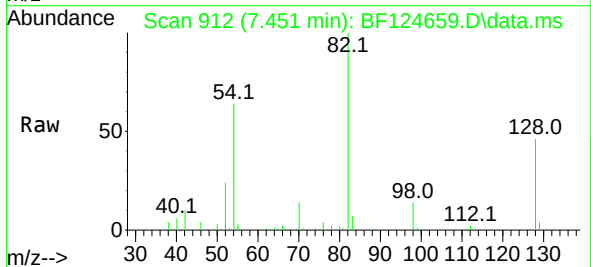
Instrument :
BNA_F
ClientSampleId :
PB137817BL

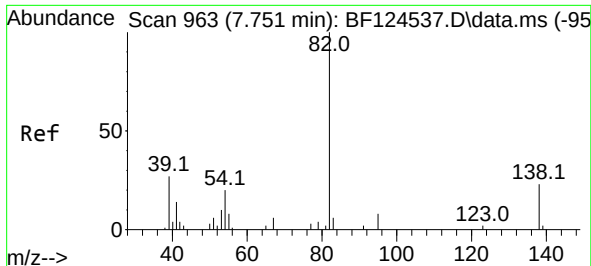
Tgt Ion:136	Resp:	33699
Ion Ratio	Lower	Upper
136	100	
137	9.8	9.8 14.6
54	8.0	6.4 9.6
68	4.0	3.3 4.9



#23
Nitrobenzene-d5
Concen: 79.574 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

Tgt Ion: 82	Resp:	42479
Ion Ratio	Lower	Upper
82	100	
128	46.2	40.6 60.8
54	63.6	49.6 74.4

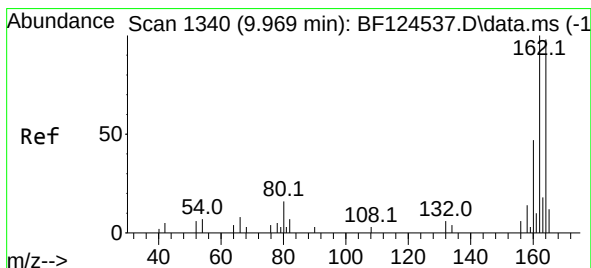
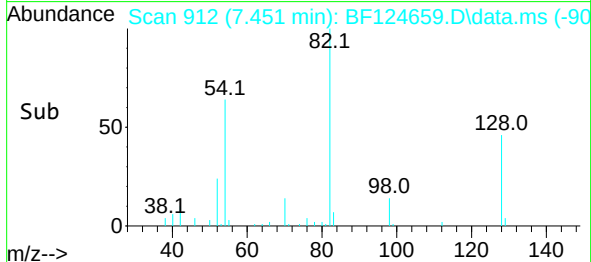
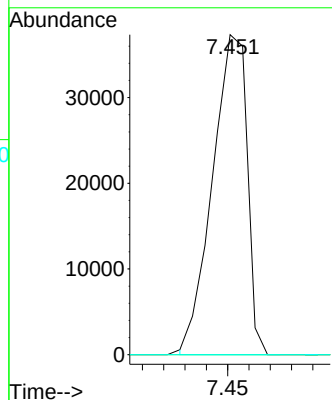
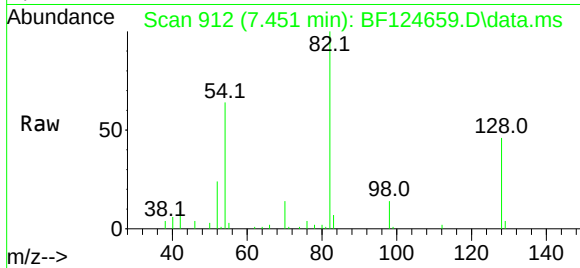




#25
Isophorone
Concen: 43.137 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

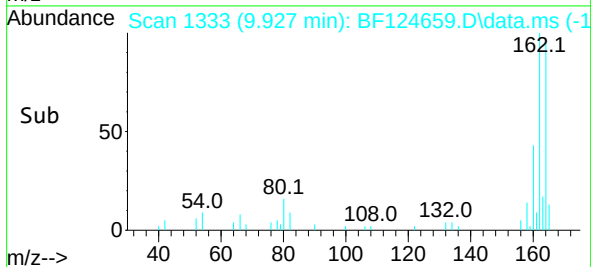
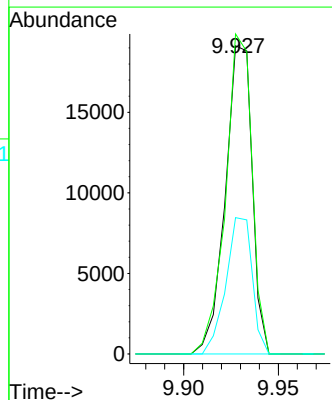
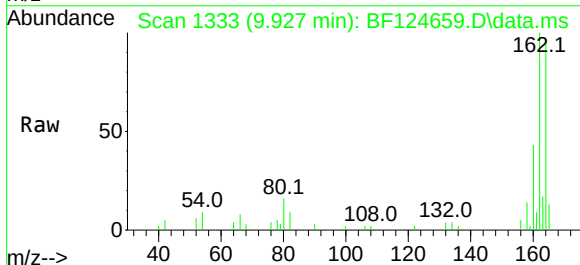
Instrument :
BNA_F
ClientSampleId :
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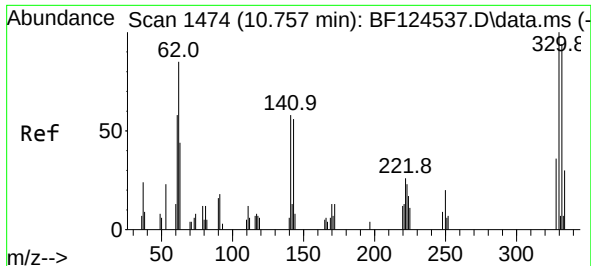
Tgt Ion: 82 Resp: 42273
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

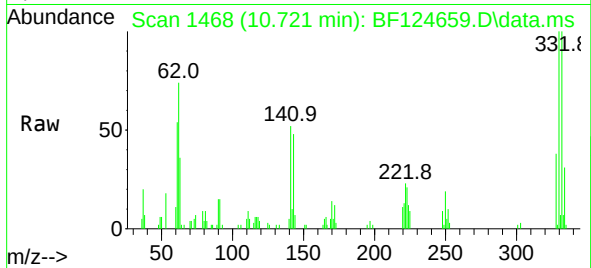
Tgt Ion: 164 Resp: 18892
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 44.2 38.0 57.0



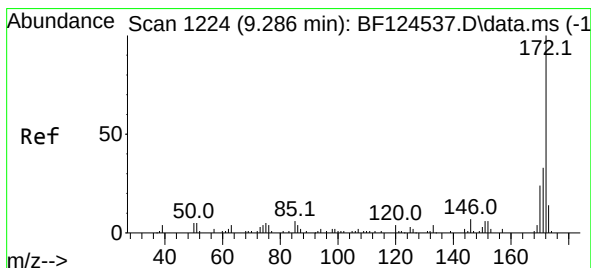
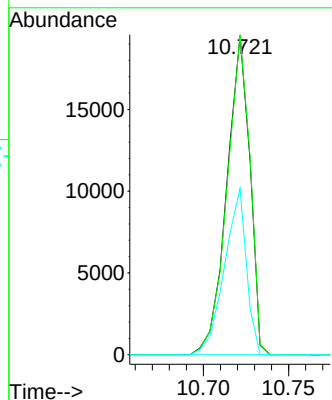
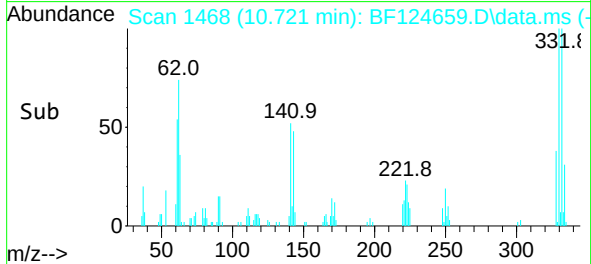


#42
2,4,6-Tribromophenol
Concen: 124.491 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

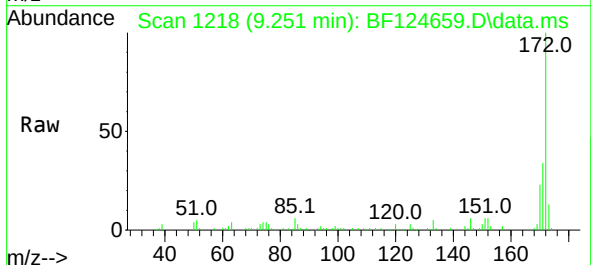
Instrument :
BNA_F
ClientSampleId :
PB137817BL



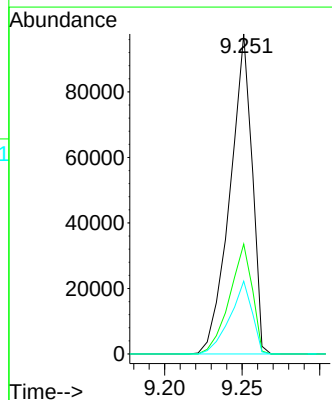
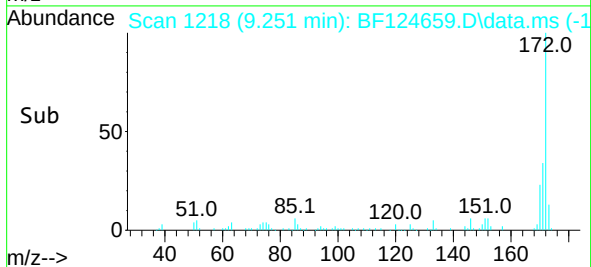
Tgt Ion: 330 Resp: 18302
Ion Ratio Lower Upper
330 100
332 99.7 76.2 114.4
141 49.6 44.6 66.8

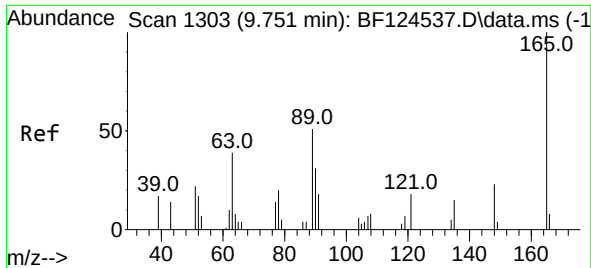


#45
2-Fluorobiphenyl
Concen: 74.795 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56



Tgt Ion: 172 Resp: 96900
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 22.8 18.8 28.2

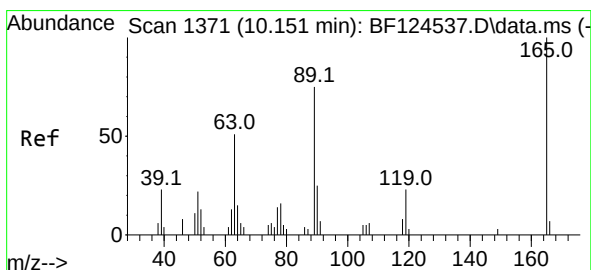
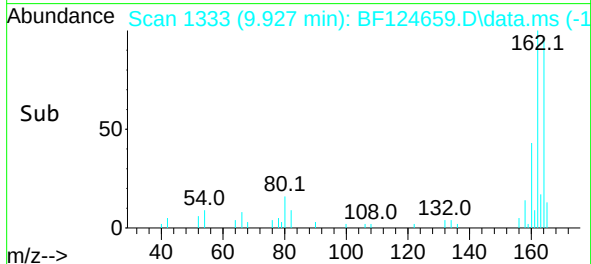
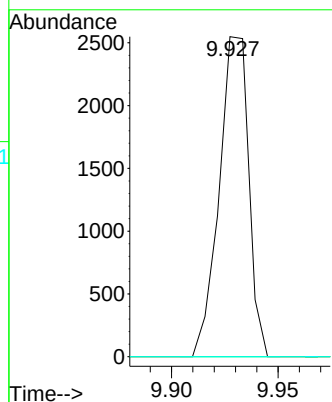
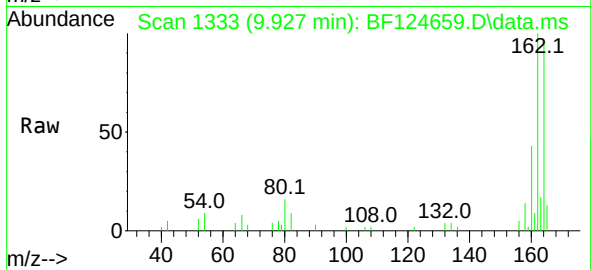




#51
2,6-Dinitrotoluene
Concen: 9.505 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

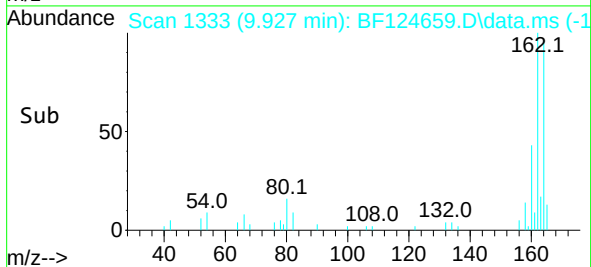
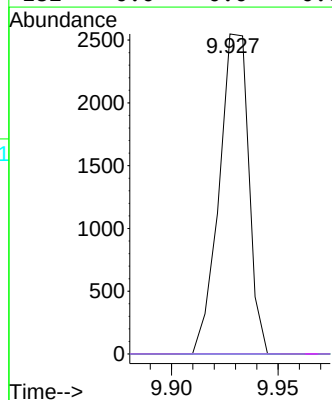
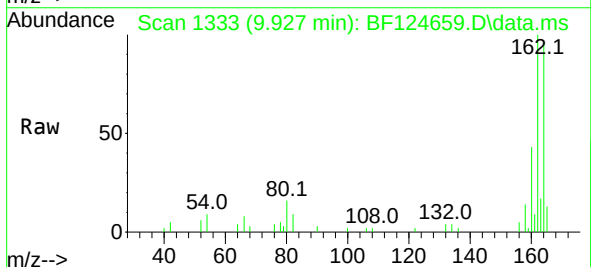
Instrument :
BNA_F
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PB137817BL

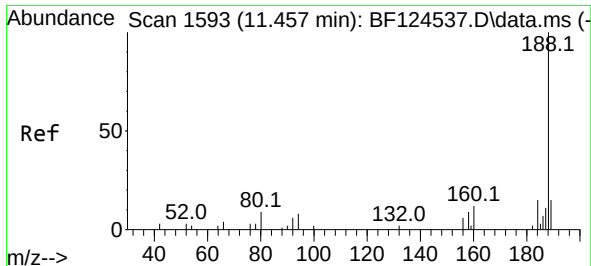
Tgt Ion:165 Resp: 2463
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.943 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

Tgt Ion:165 Resp: 2463
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

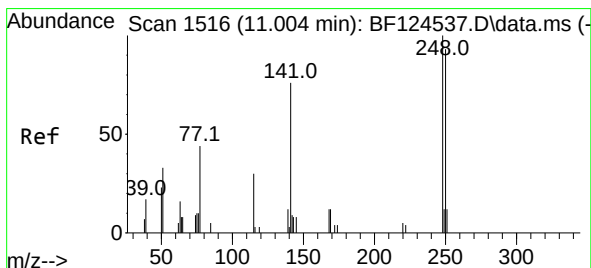
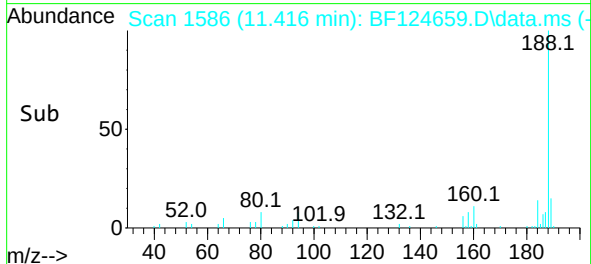
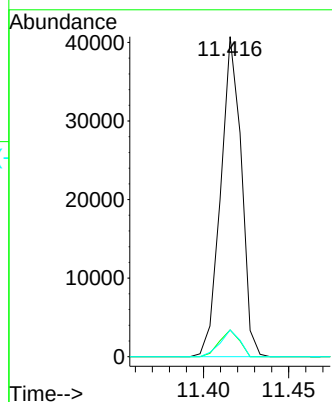
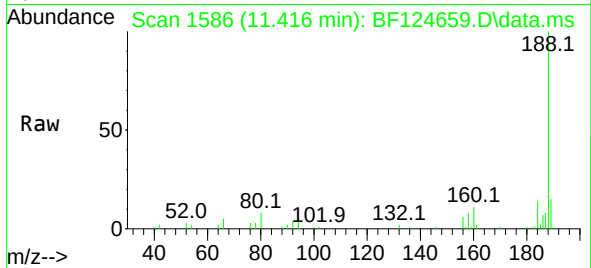




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

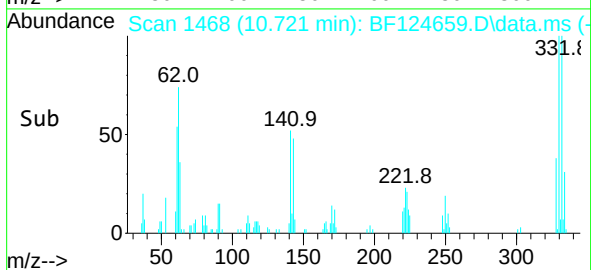
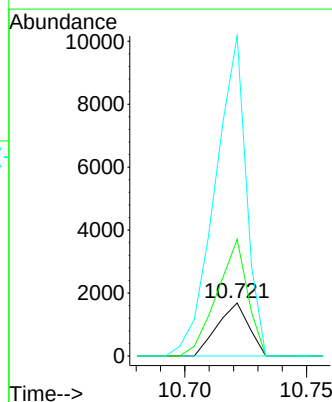
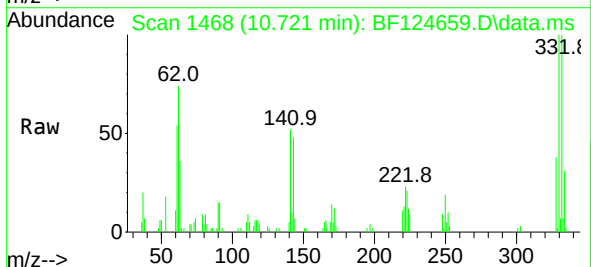
Instrument :
BNA_F
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PB137817BL

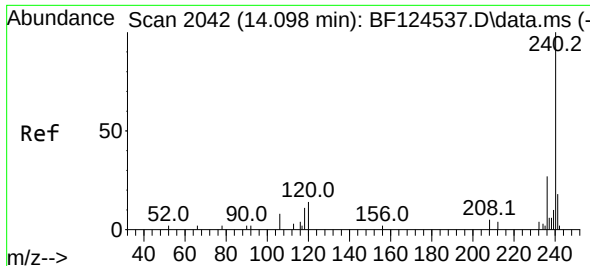
Tgt Ion:188 Resp: 34269
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 8.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.233 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

Tgt Ion:248 Resp: 1500
Ion Ratio Lower Upper
248 100
250 220.4 74.2 111.4#
141 604.9 60.4 90.6#

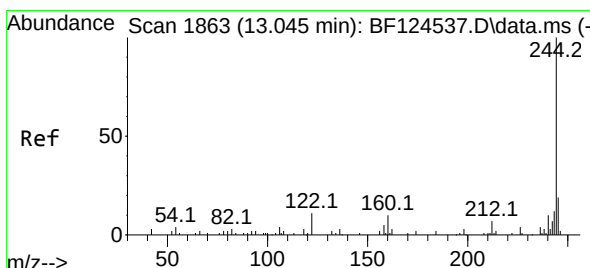
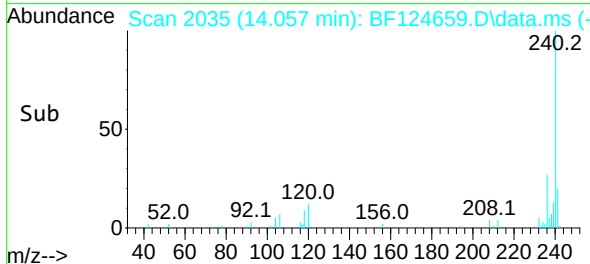
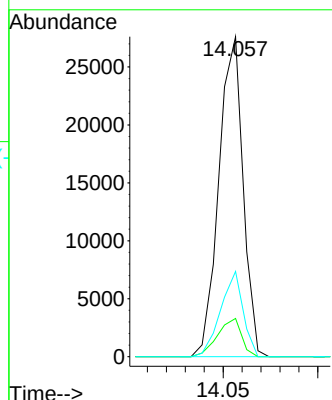
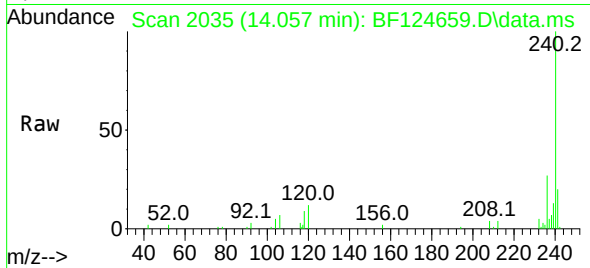




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

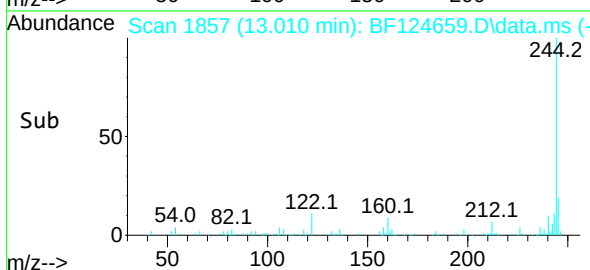
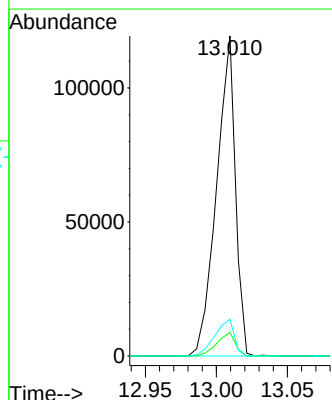
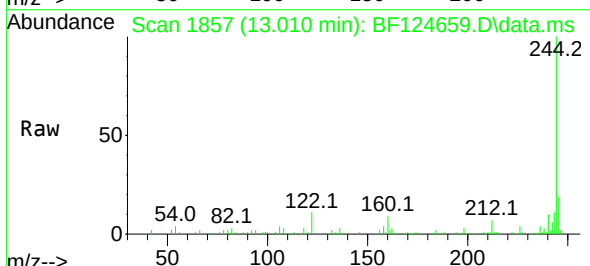
Instrument :
BNA_F
ClientSampleId :
PB137817BL

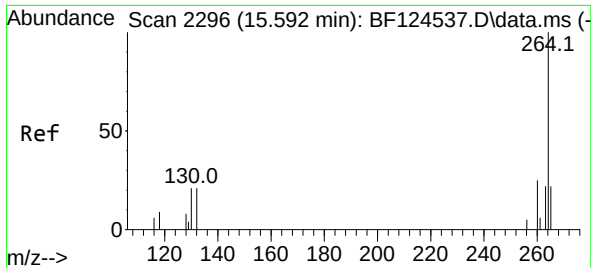
Tgt Ion:240 Resp: 24524
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 26.6 21.6 32.4



#79
Terphenyl-d14
Concen: 75.279 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

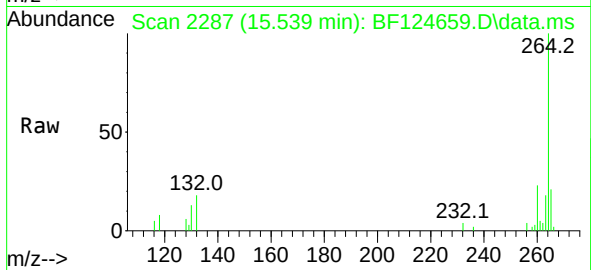
Tgt Ion:244 Resp: 109942
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 11.4 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF124659.D
Acq: 21 Jul 2021 12:56

Instrument :
BNA_F
ClientSampleId :
PB137817BL



Tgt Ion:	264	Resp:	17743
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.6	29.4
265	21.4	17.2	25.8

