

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124661.D
 Acq On : 21 Jul 2021 14:03
 Operator : JU/CG
 Sample : PB137817TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137817TB

Quant Time: Jul 21 16:10:32 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)

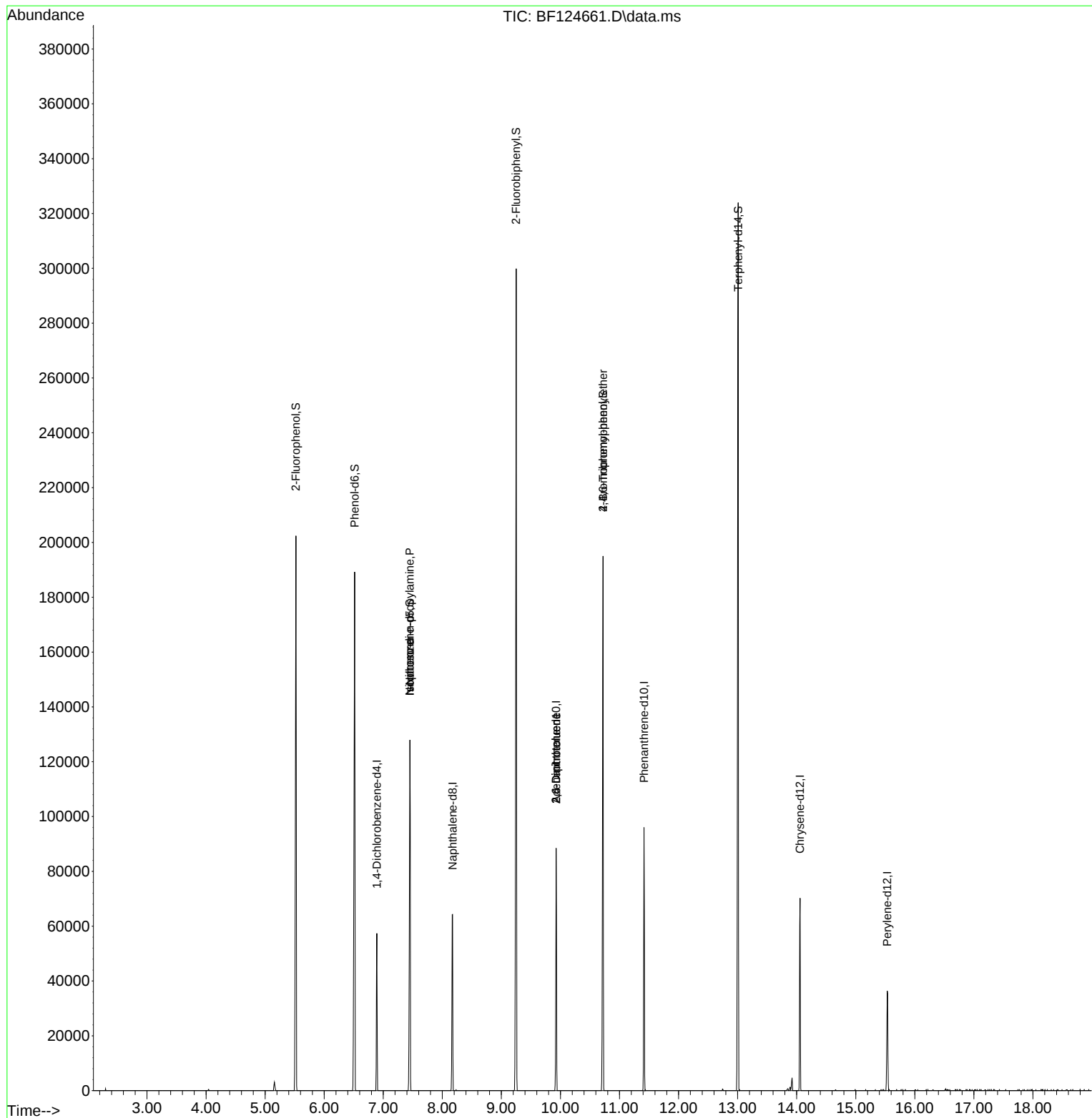
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	8385	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	33953	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	19213	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	35265	20.000	ng	0.00
76) Chrysene-d12	14.057	240	25465	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	19148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	59805	123.574	ng	0.01
7) Phenol-d6	6.516	99	69865	118.669	ng	0.00
23) Nitrobenzene-d5	7.451	82	43863	81.552	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	18414	123.160	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	99007	75.145	ng	0.00
79) Terphenyl-d14	13.010	244	114385	75.427	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	5804	17.535	ng	# 74
25) Isophorone	7.451	82	43406	43.962	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	2362	8.963	ng	# 26
57) 2,4-Dinitrotoluene	9.928	165	2362	6.547	ng	# 18
67) 4-Bromophenyl-phenylether	10.722	248	1435	3.935	ng	# 1

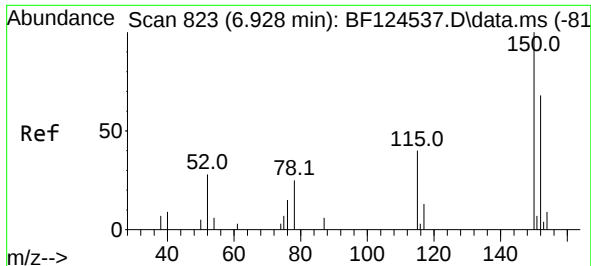
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 21 16:10:32 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:08:04 2021
Response via : Initial Calibration

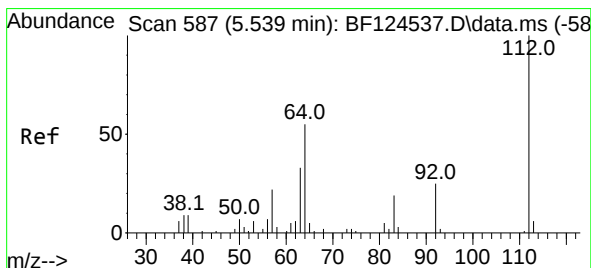
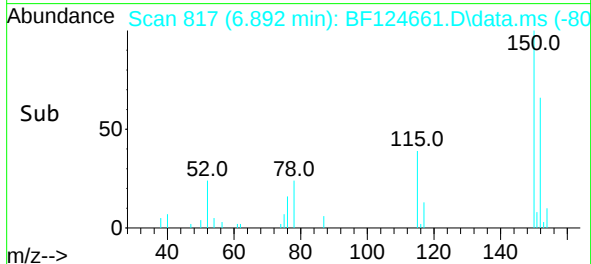
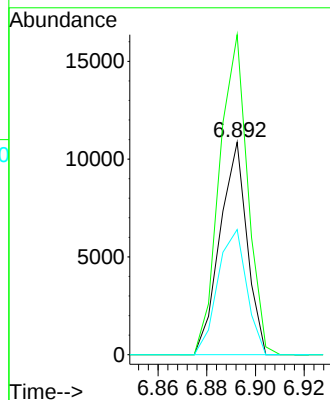
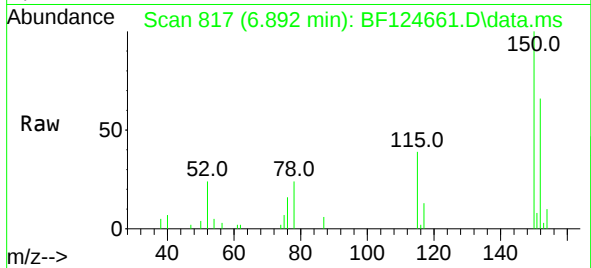




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

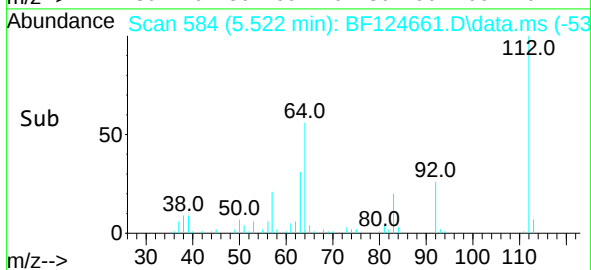
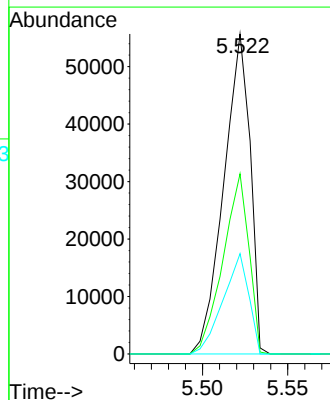
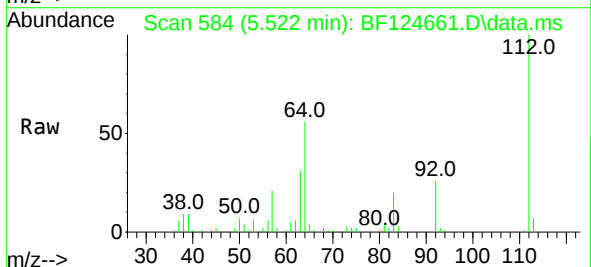
Instrument :
BNA_F
ClientSampleId :
PB137817TB

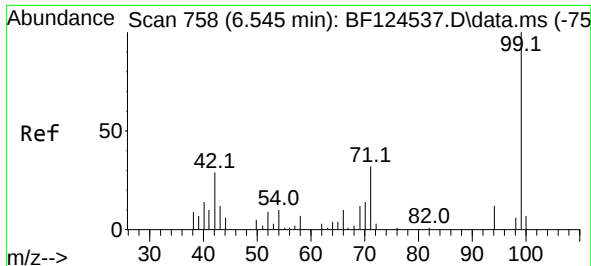
Tgt Ion:152 Resp: 8385
Ion Ratio Lower Upper
152 100
150 150.5 117.6 176.4
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 123.574 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

Tgt Ion:112 Resp: 59805
Ion Ratio Lower Upper
112 100
64 56.3 44.2 66.2
63 31.4 26.2 39.2

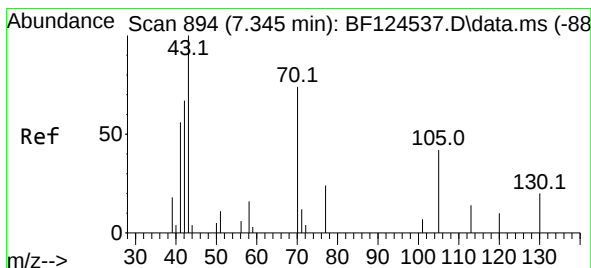
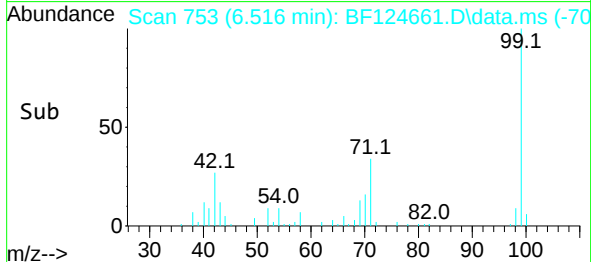
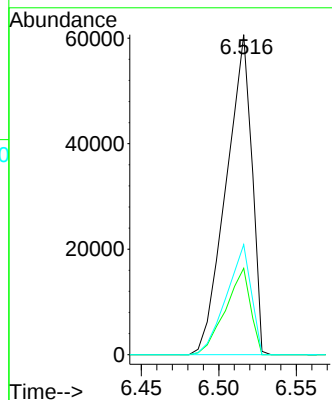
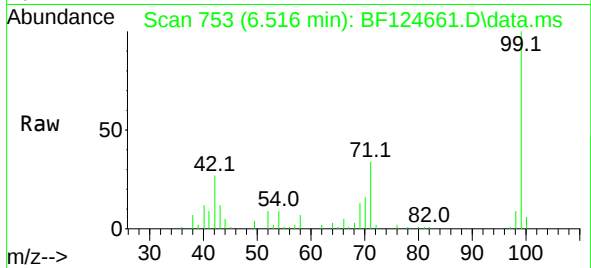




#7
Phenol-d6
Concen: 118.669 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

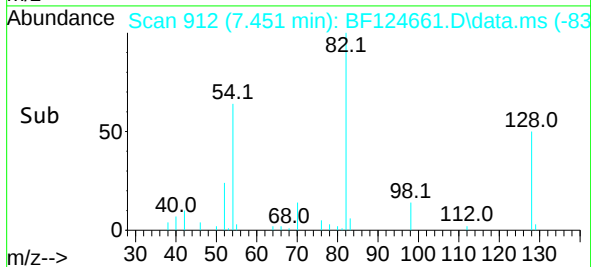
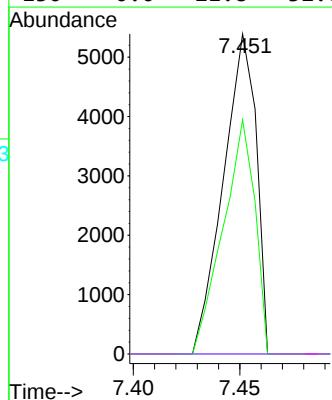
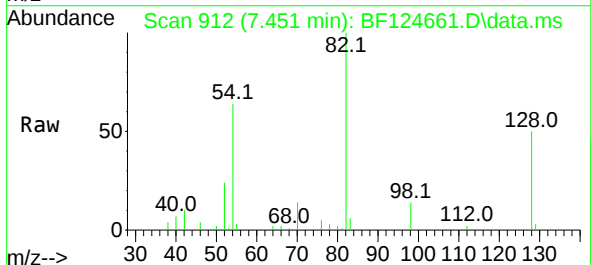
Instrument :
BNA_F
ClientSampleID :
PB137817TB

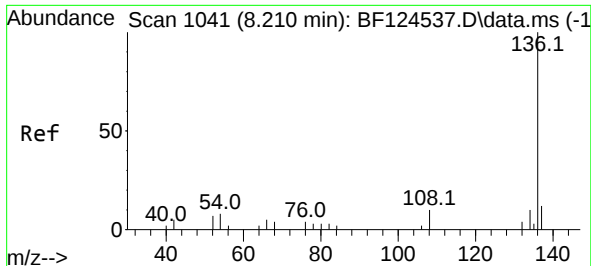
Tgt Ion:	99	Resp:	69865
Ion	Ratio	Lower	Upper
99	100		
42	27.0	23.5	35.3
71	34.4	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.535 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

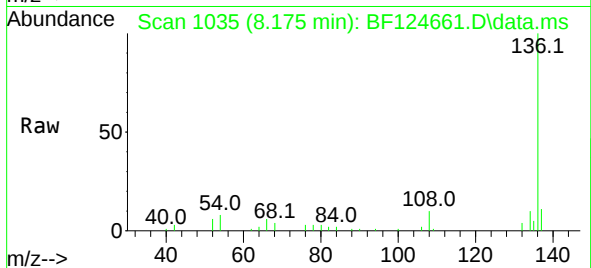
Tgt Ion:	70	Resp:	5804
Ion	Ratio	Lower	Upper
70	100		
42	73.2	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



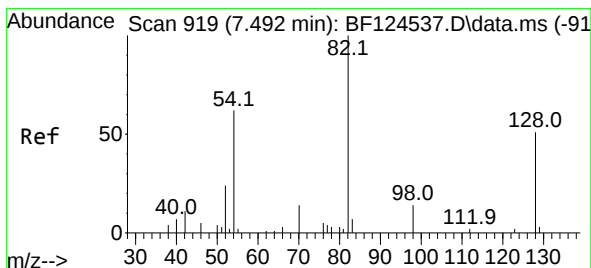
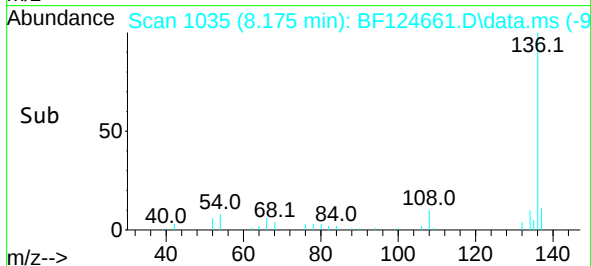
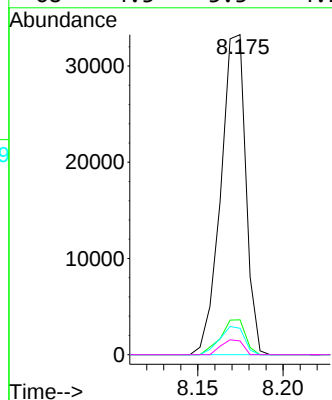


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

Instrument :
BNA_F
ClientSampleId :
PB137817TB

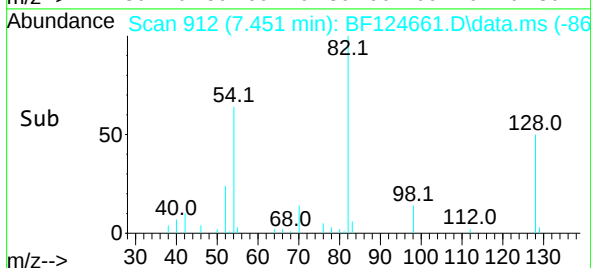
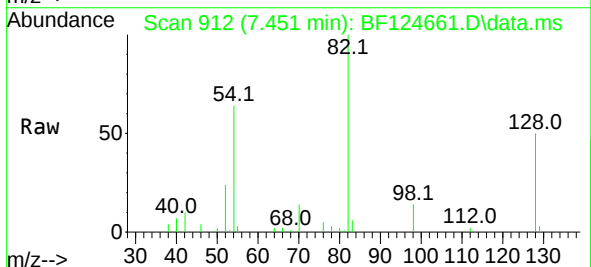
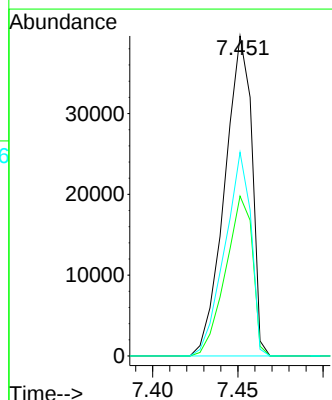


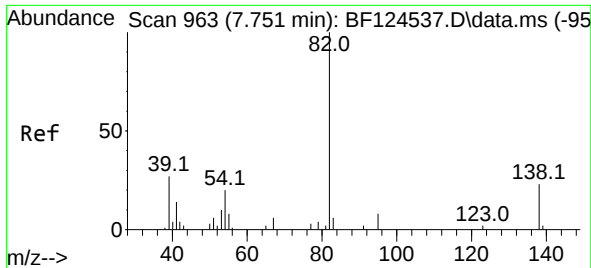
Tgt Ion:136 Resp: 33953
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 8.3 6.4 9.6
68 4.3 3.3 4.9



#23
Nitrobenzene-d5
Concen: 81.552 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

Tgt Ion: 82 Resp: 43863
Ion Ratio Lower Upper
82 100
128 50.0 40.6 60.8
54 63.6 49.6 74.4

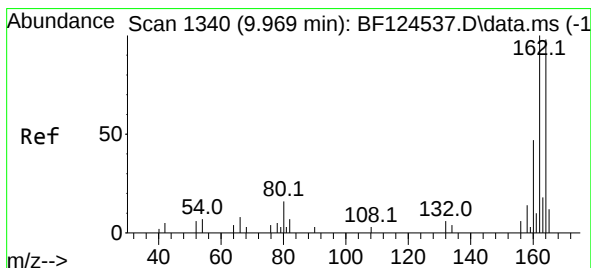
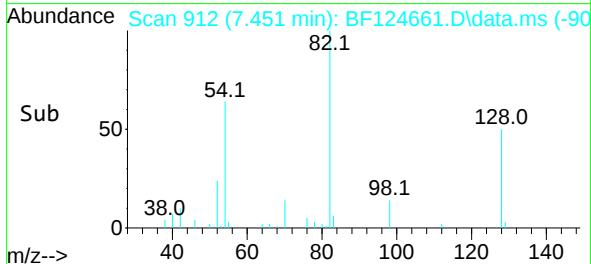
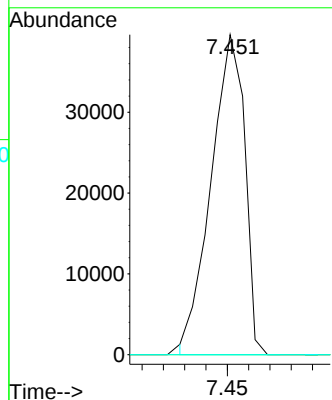
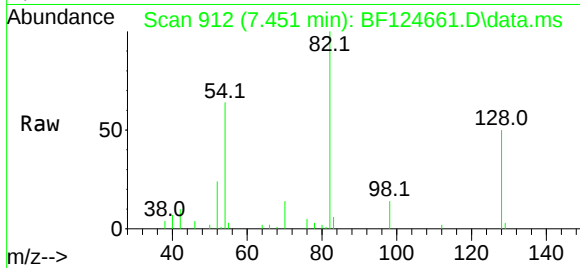




#25
Isophorone
Concen: 43.962 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.264 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

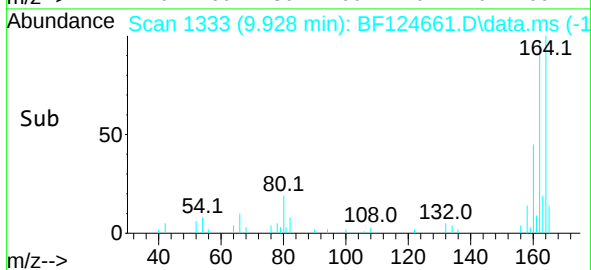
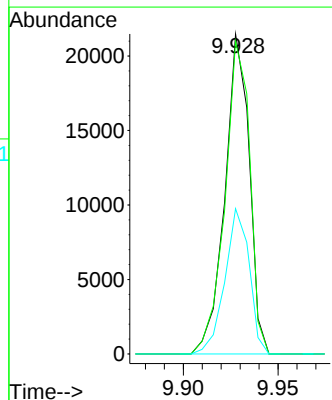
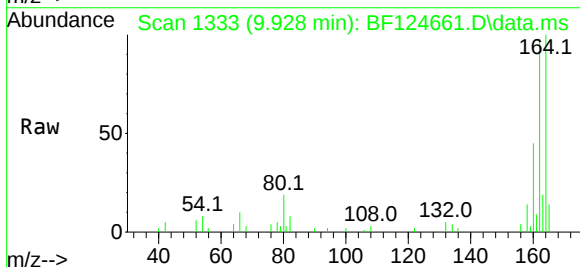
Instrument :
BNA_F
ClientSampleId :
PB137817TB

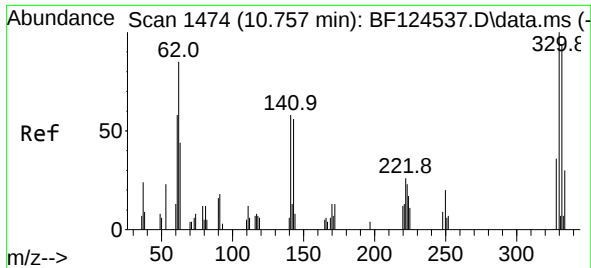
Tgt Ion: 82 Resp: 43406
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

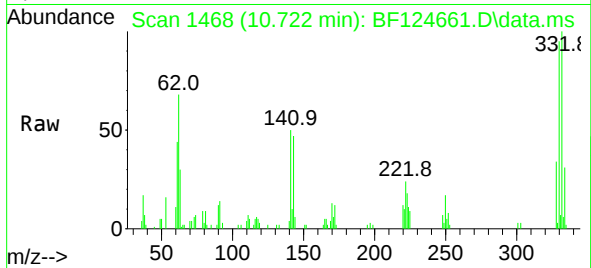
Tgt Ion:164 Resp: 19213
Ion Ratio Lower Upper
164 100
162 97.7 81.3 121.9
160 45.4 38.0 57.0



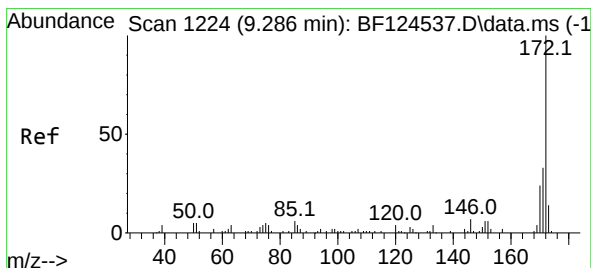
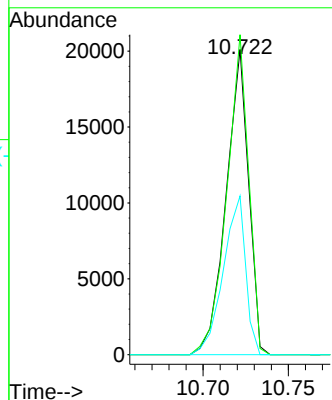
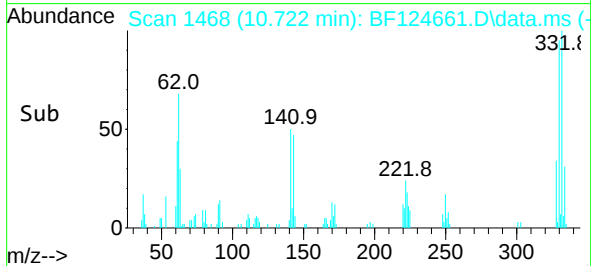


#42
2,4,6-Tribromophenol
Concen: 123.160 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

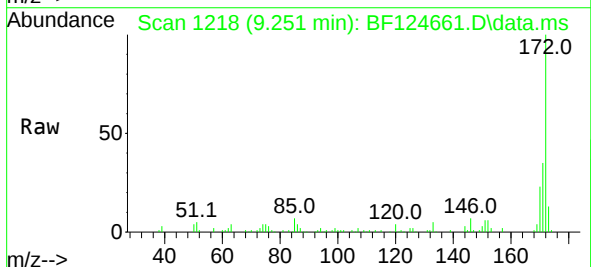
Instrument :
BNA_F
ClientSampleId :
PB137817TB



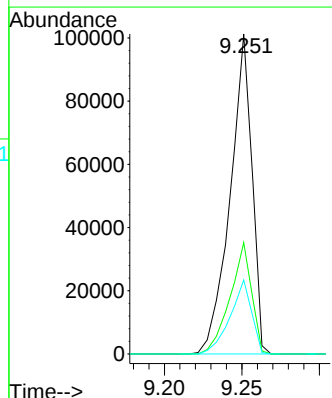
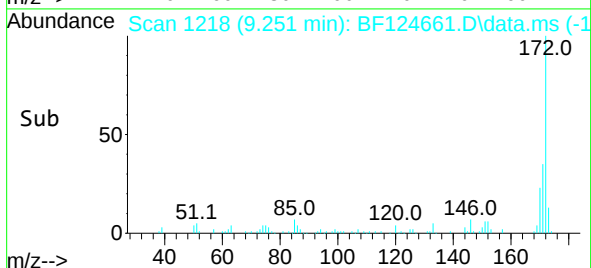
Tgt Ion: 330 Resp: 18414
Ion Ratio Lower Upper
330 100
332 101.9 76.2 114.4
141 51.7 44.6 66.8

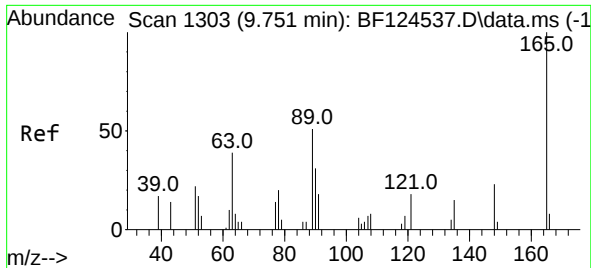


#45
2-Fluorobiphenyl
Concen: 75.145 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03



Tgt Ion: 172 Resp: 99007
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.2 18.8 28.2

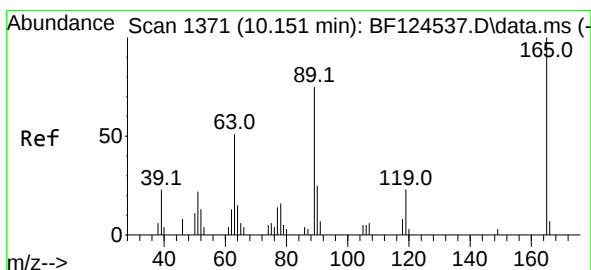
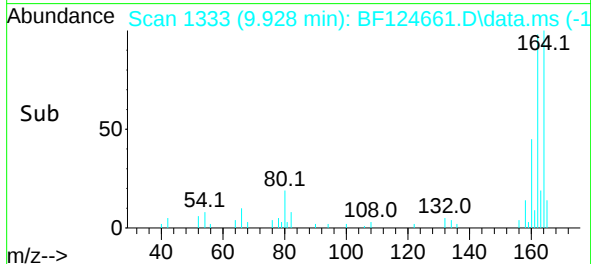
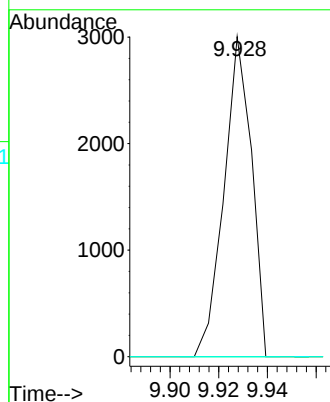
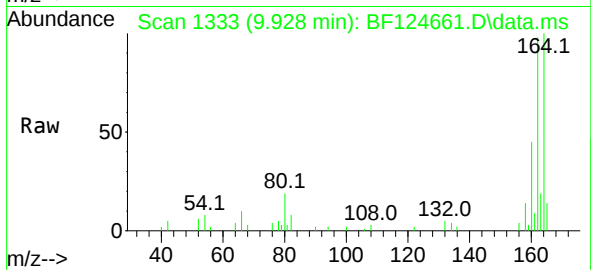




#51
2,6-Dinitrotoluene
Concen: 8.963 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

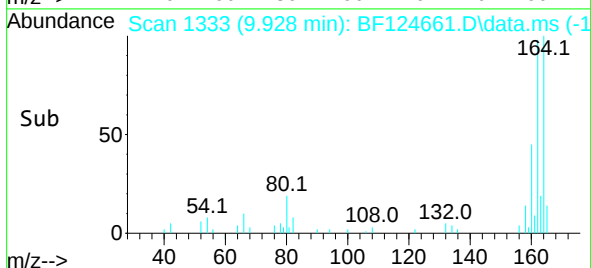
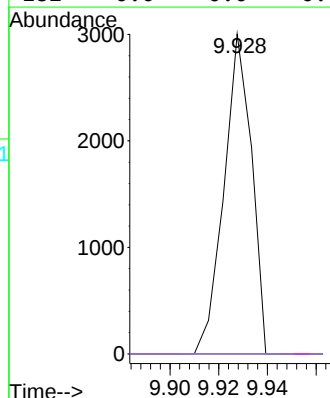
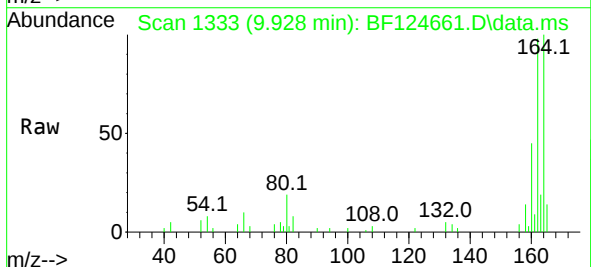
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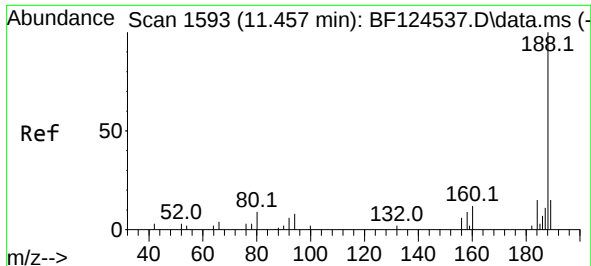
Tgt Ion:165 Resp: 2362
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.547 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

Tgt Ion:165 Resp: 2362
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

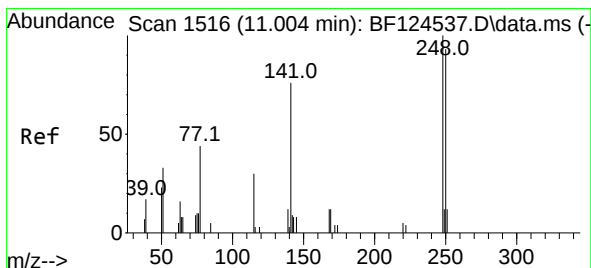
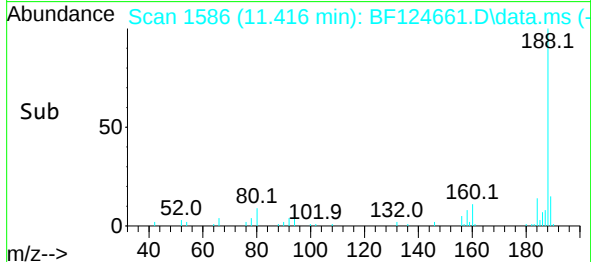
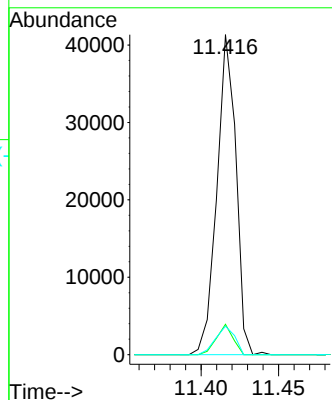
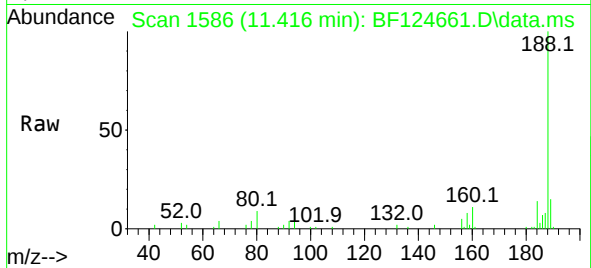




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

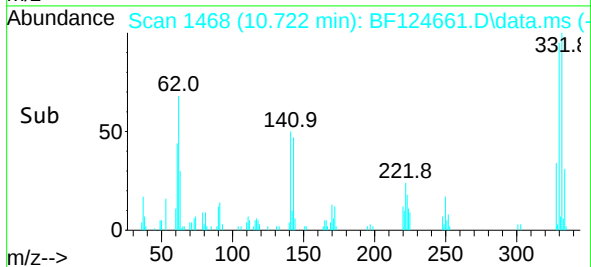
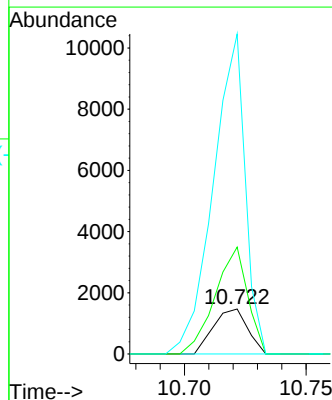
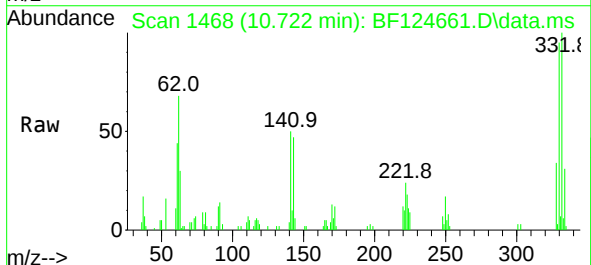
Instrument :
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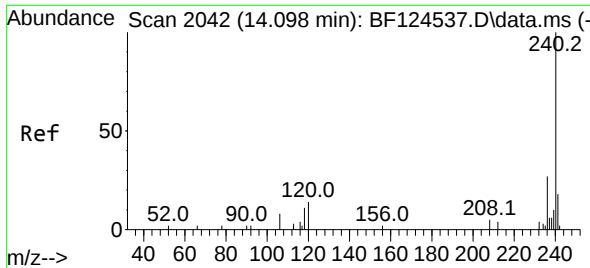
Tgt Ion:188 Resp: 35265
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 8.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.935 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

Tgt Ion:248 Resp: 1435
Ion Ratio Lower Upper
248 100
250 238.2 74.2 111.4#
141 713.0 60.4 90.6#

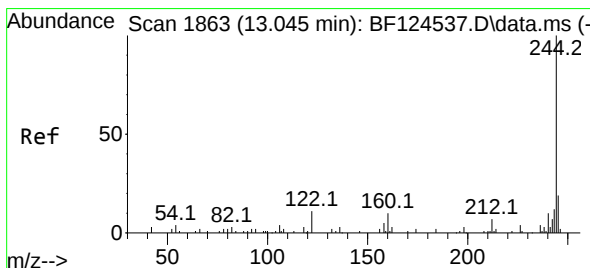
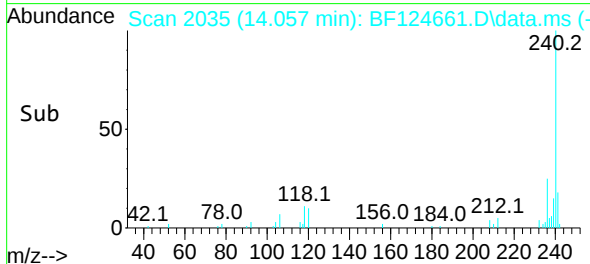
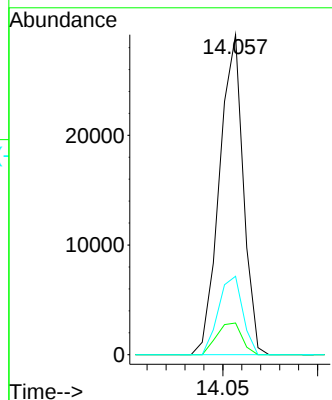
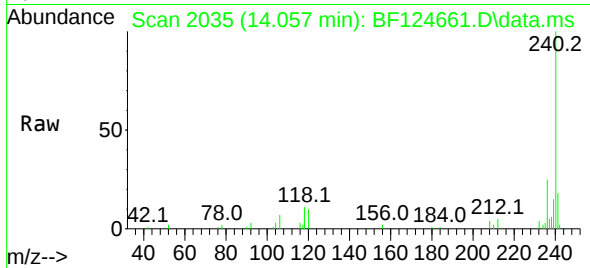




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

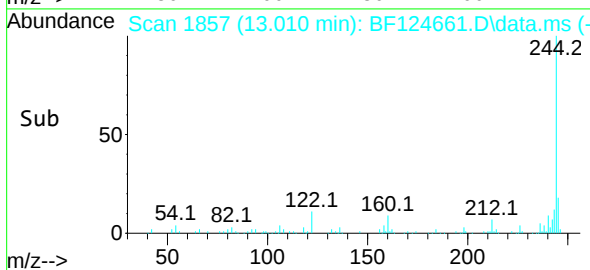
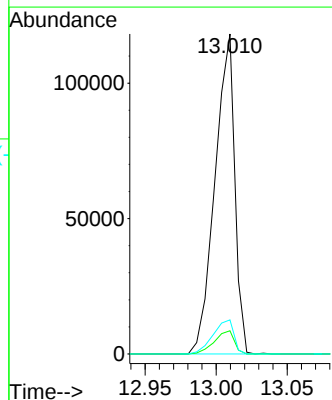
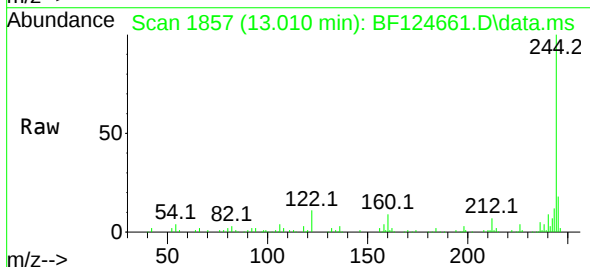
Instrument :
BNA_F
ClientSampleId :
PB137817TB

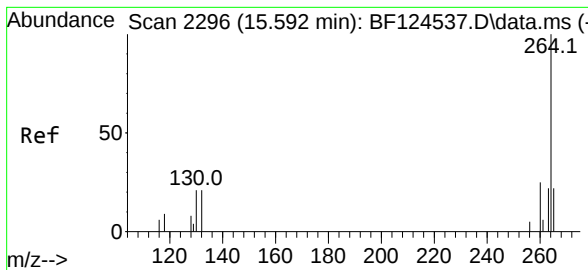
Tgt Ion:240 Resp: 25465
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 24.5 21.6 32.4



#79
Terphenyl-d14
Concen: 75.427 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF124661.D
Acq: 21 Jul 2021 14:03

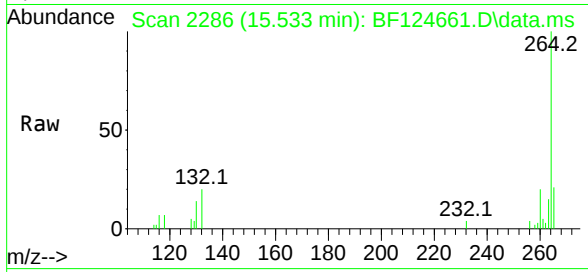
Tgt Ion:244 Resp: 114385
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: BF124661.D
 Acq: 21 Jul 2021 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB137817TB



Tgt Ion:	264	Resp:	19148
Ion Ratio	Lower	Upper	
264	100		
260	20.5	19.6	29.4
265	20.8	17.2	25.8

