

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
 Data File : BF122810.D
 Acq On : 22 Dec 2020 12:20
 Operator : JU/CG
 Sample : PB132742BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133742BL

Quant Time: Dec 22 13:56:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

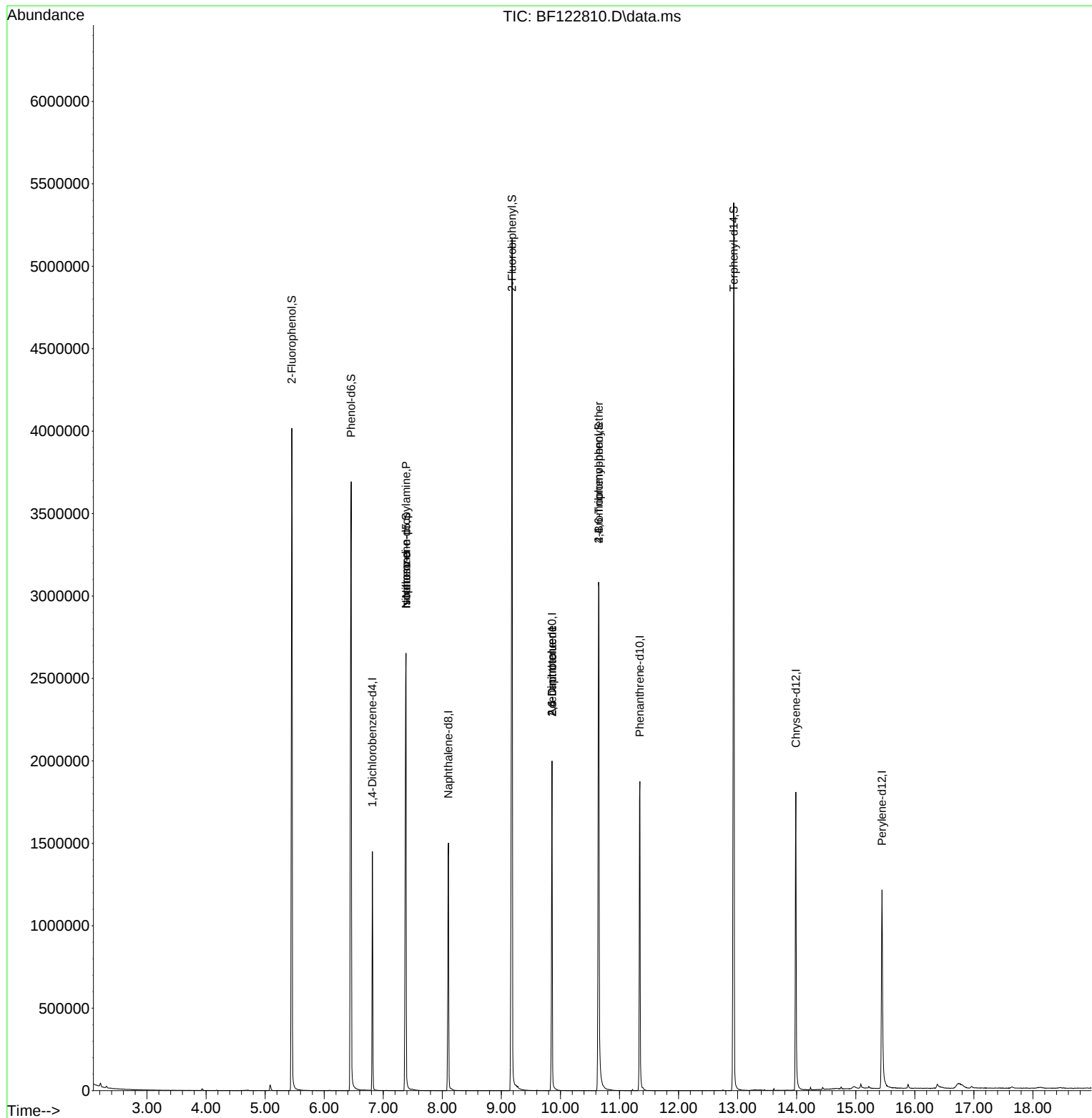
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	214772	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	848674	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	448776	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	846045	20.00	ng	0.00
76) Chrysene-d12	13.986	240	759786	20.00	ng	0.00
86) Perylene-d12	15.445	264	720099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1411726	104.06	ng	0.02
7) Phenol-d6	6.457	99	1748385	97.18	ng	0.00
23) Nitrobenzene-d5	7.386	82	1146264	67.67	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	585470	99.67	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2080512	62.70	ng	0.00
79) Terphenyl-d14	12.933	244	2244735	51.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	150517	14.60	ng	# 76
25) Isophorone	7.386	82	1141941	39.14	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	57723	7.63	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	57724	5.72	ng	# 25
67) 4-Bromophenyl-phenylether	10.651	248	36864	3.22	ng	# 1

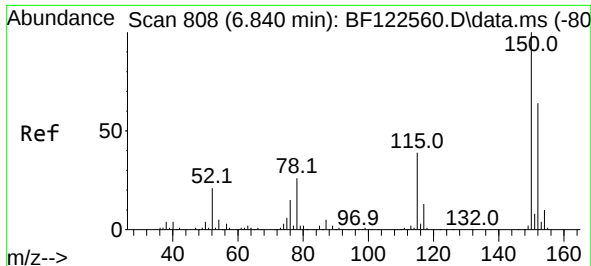
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF122810.D
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Misc :
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Instrument :
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Quant Time: Dec 22 13:56:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

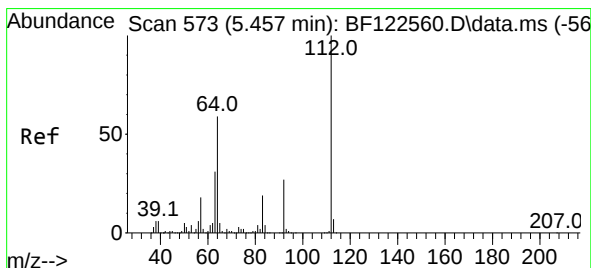
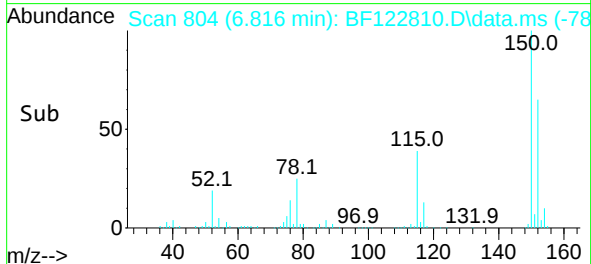
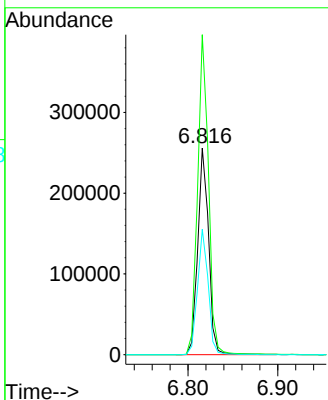
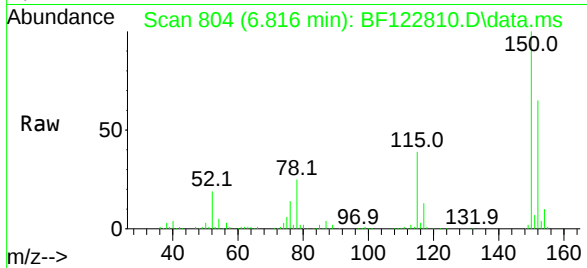




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

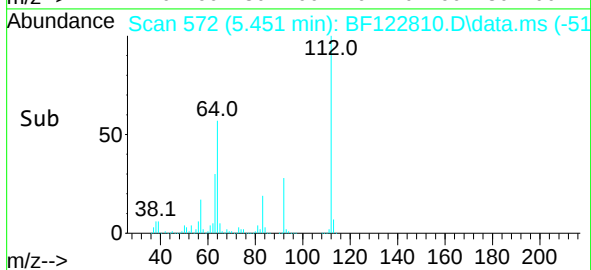
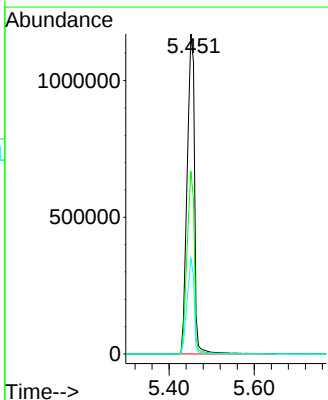
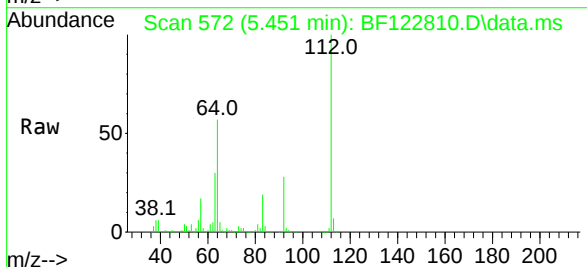
Instrument :
BNA_F
ClientSampleId :
PB133742BL

Tgt Ion:152 Resp: 214772
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 60.8 49.3 73.9



#5
2-Fluorophenol
Concen: 104.06 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

Tgt Ion:112 Resp: 1411726
Ion Ratio Lower Upper
112 100
64 57.1 46.9 70.3
63 29.8 24.5 36.7

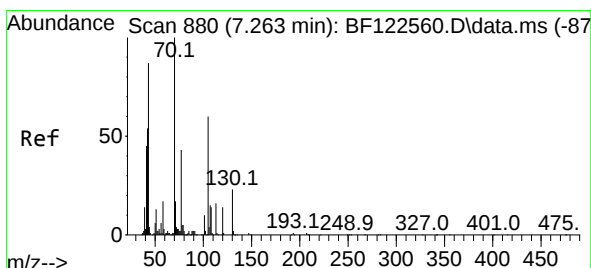
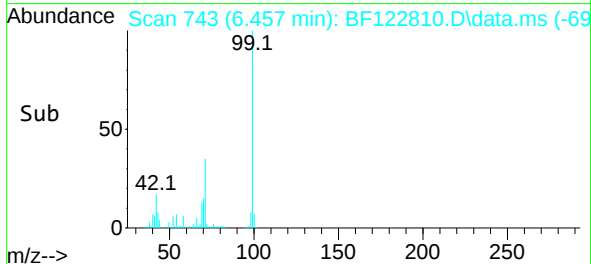
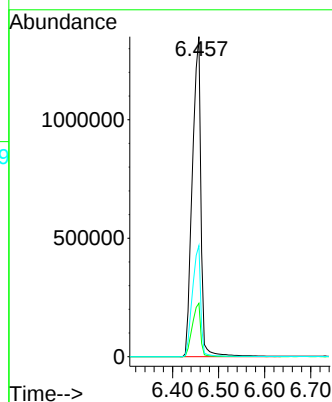
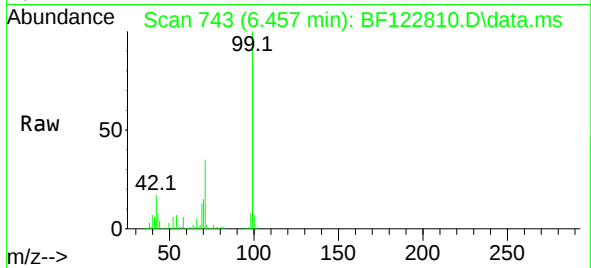




#7
Phenol-d6
Concen: 97.18 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

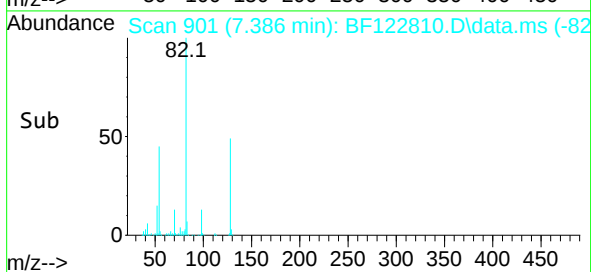
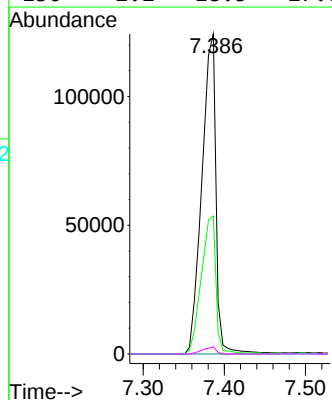
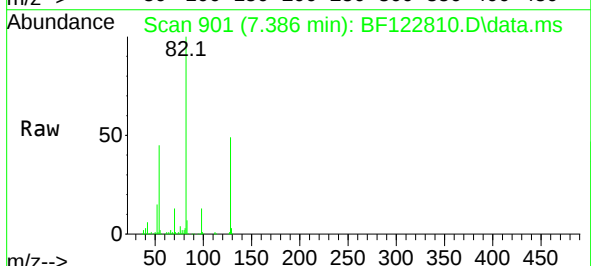
Instrument :
BNA_F
ClientSampleId :
PB133742BL

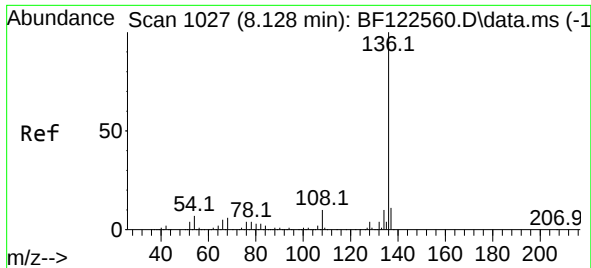
Tgt Ion: 99 Resp: 1748385
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.6
71 34.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.60 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

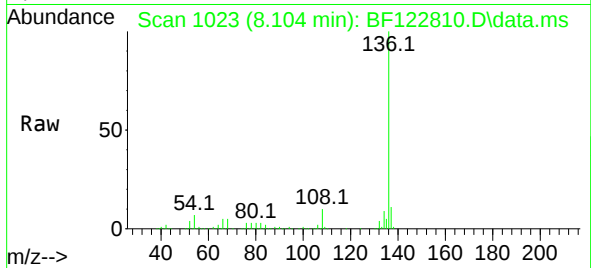
Tgt Ion: 70 Resp: 150517
Ion Ratio Lower Upper
70 100
42 43.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#





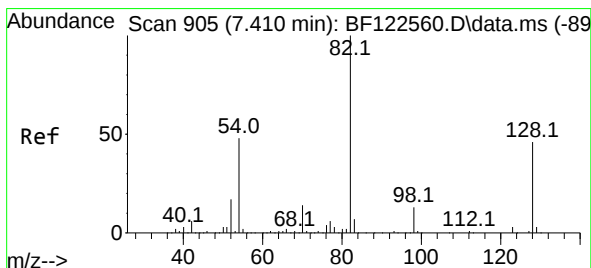
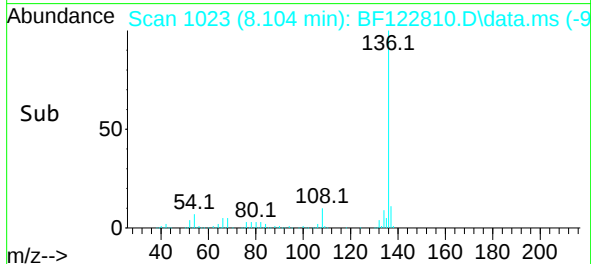
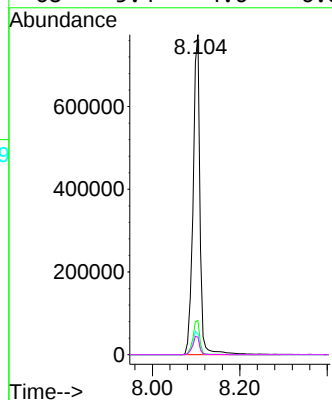
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

Instrument :
BNA_F
ClientSampleId :
PB133742BL



Tgt Ion:136 Resp: 848674

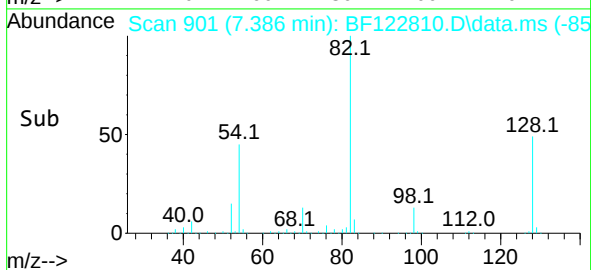
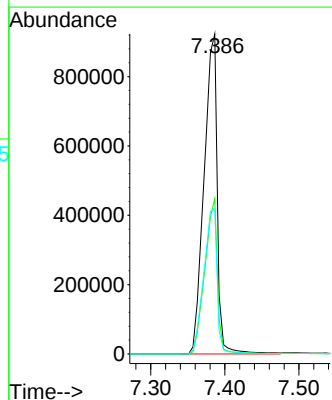
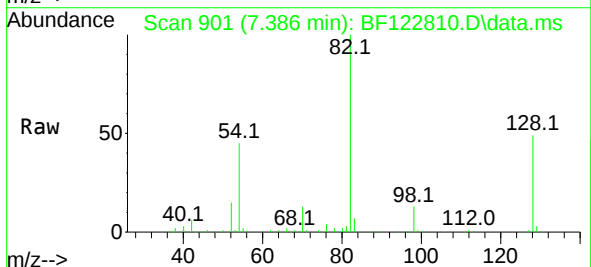
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.5	5.5	8.3
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 67.67 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

Tgt Ion: 82 Resp: 1146264

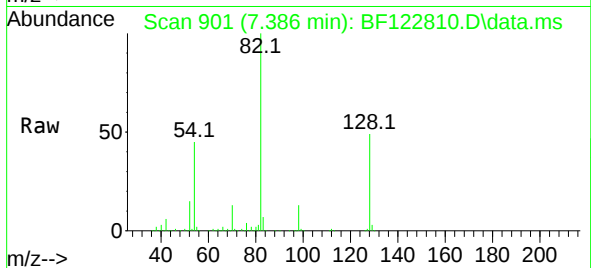
Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.0	55.4
54	45.3	38.4	57.6



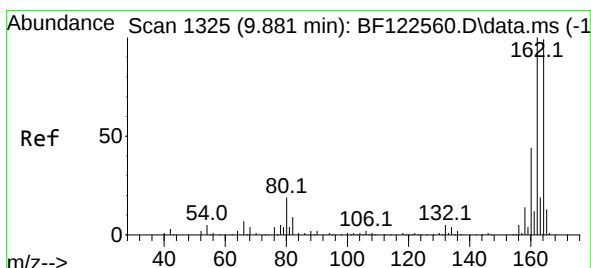
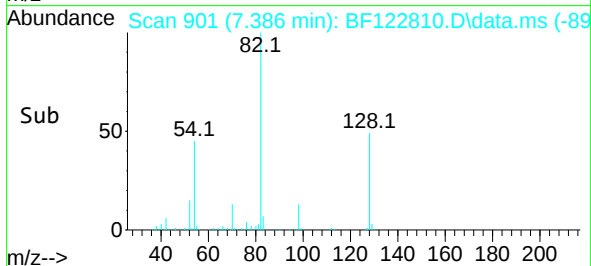
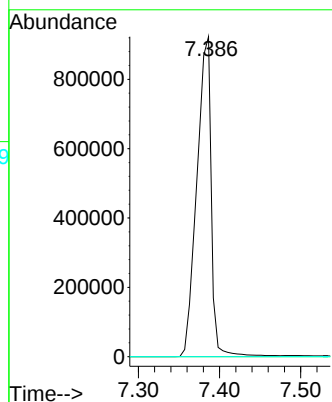


#25
Isophorone
Concen: 39.14 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

Instrument :
BNA_F
ClientSampleId :
PB133742BL

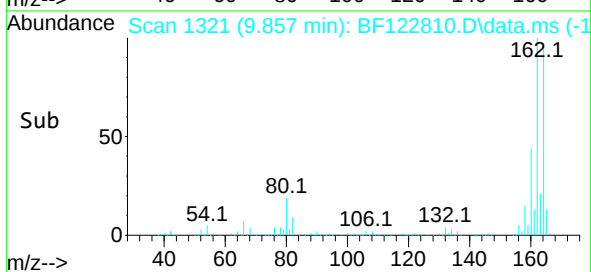
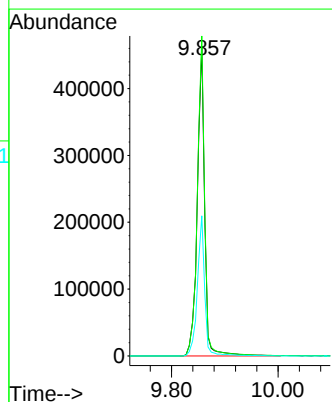
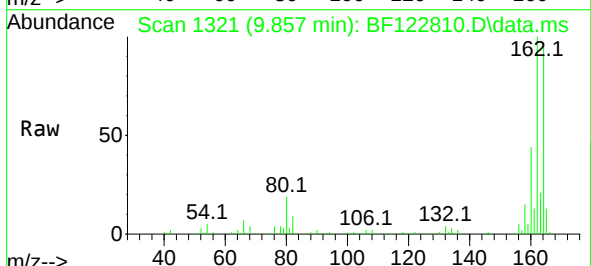


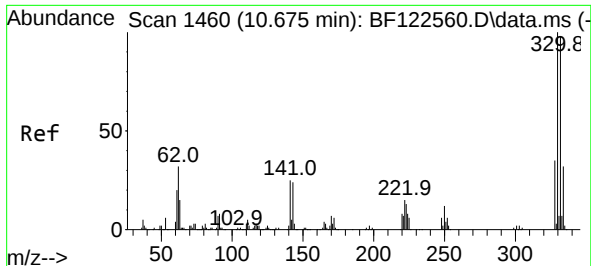
Tgt Ion: 82 Resp: 1141941
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

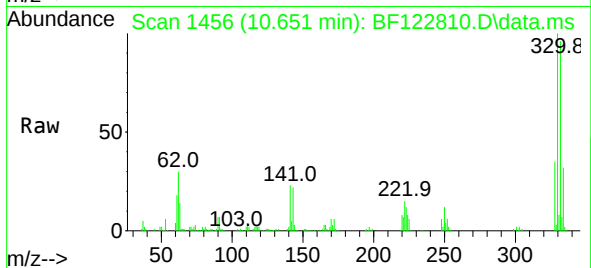
Tgt Ion: 164 Resp: 448776
Ion Ratio Lower Upper
164 100
162 103.3 80.8 121.2
160 45.3 35.4 53.0



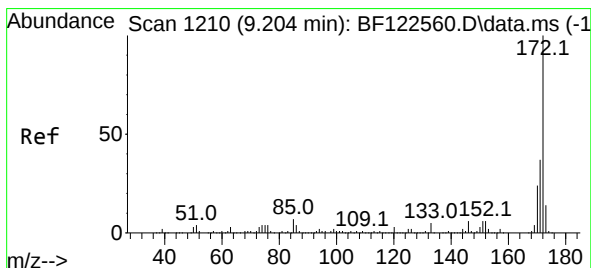
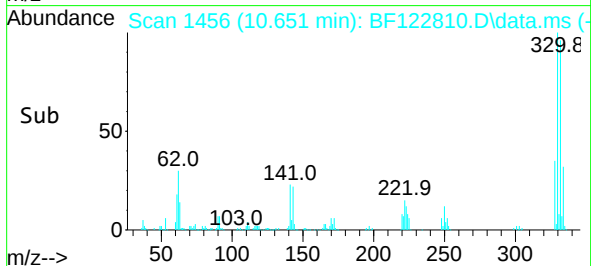
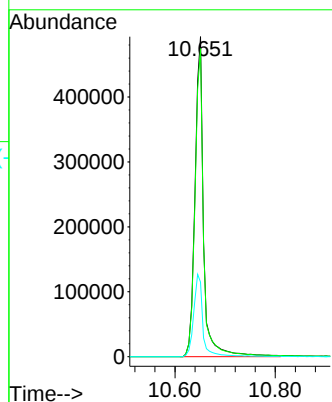


#42
2,4,6-Tribromophenol
Concen: 99.67 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

Instrument :
BNA_F
ClientSampleId :
PB133742BL

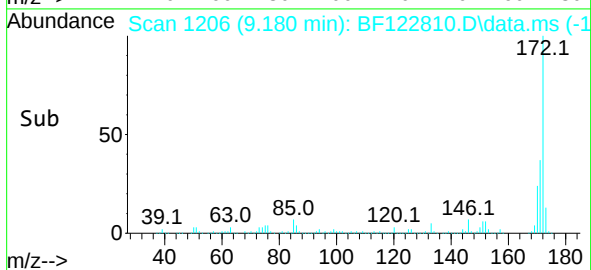
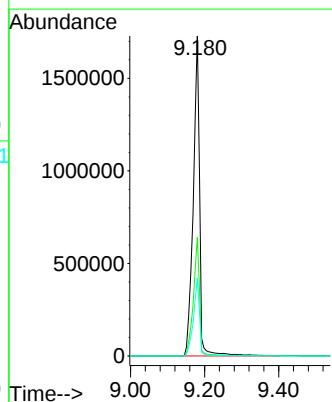
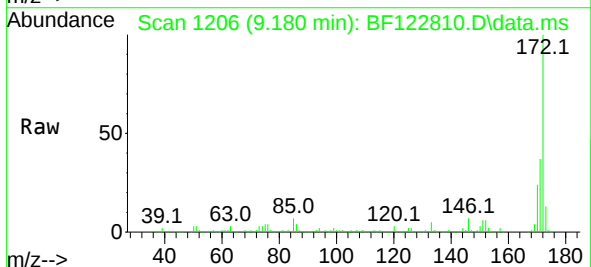


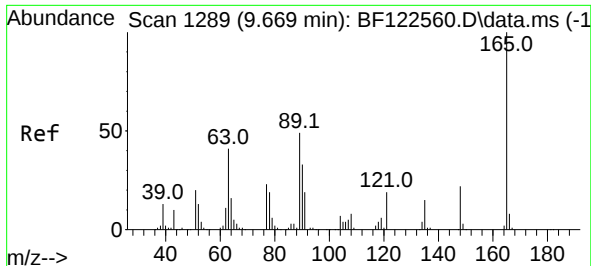
Tgt Ion: 330 Resp: 585470
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 27.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 62.70 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

Tgt Ion: 172 Resp: 2080512
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.4 19.5 29.3

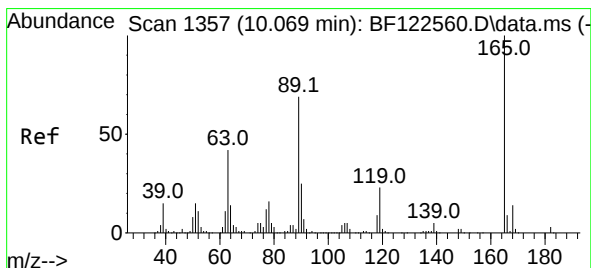
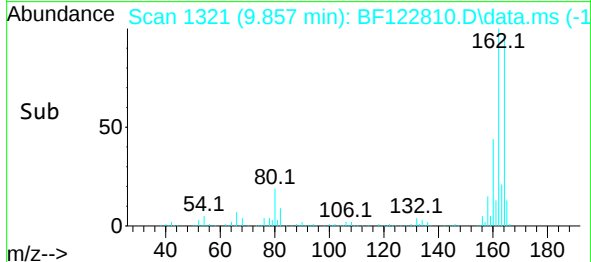
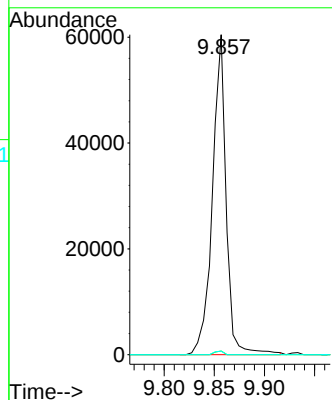
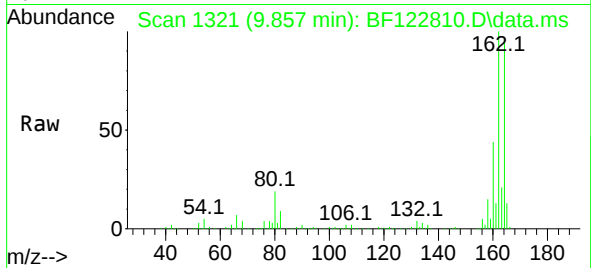




#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

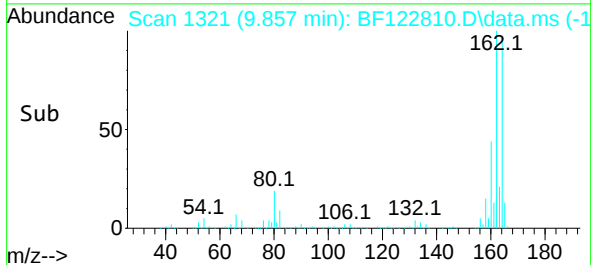
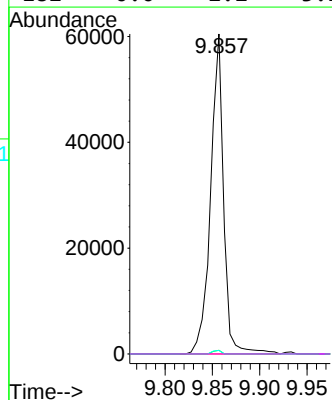
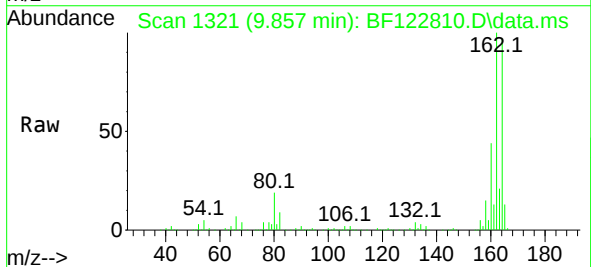
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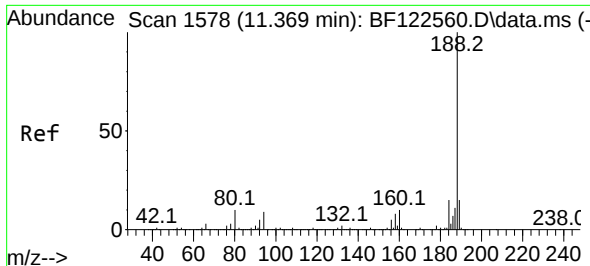
Tgt Ion:165 Resp: 57723
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

Tgt Ion:165 Resp: 57724
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

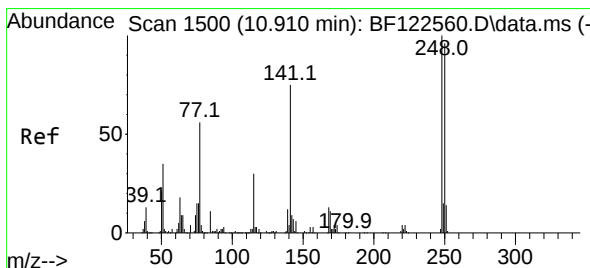
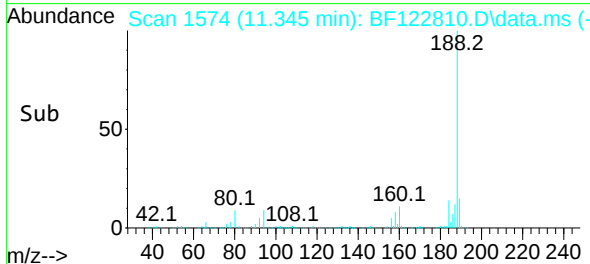
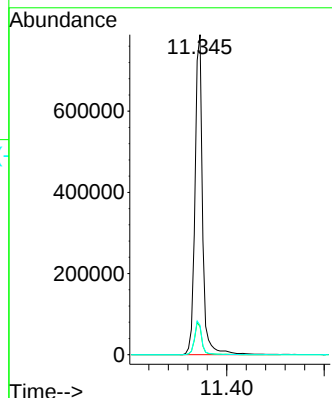
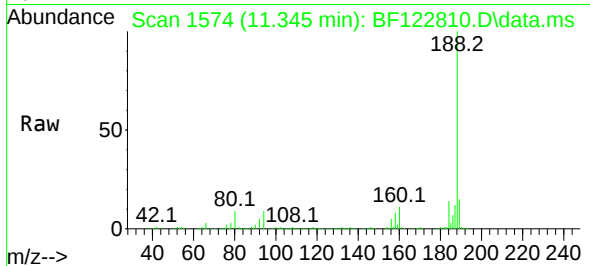




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

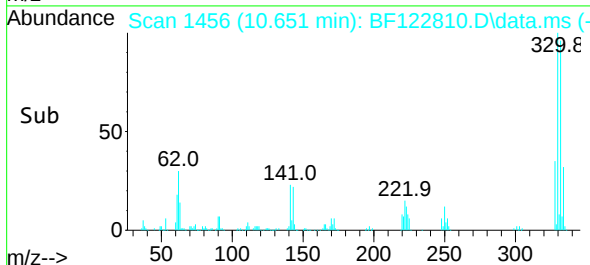
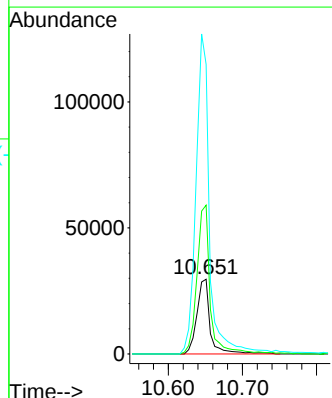
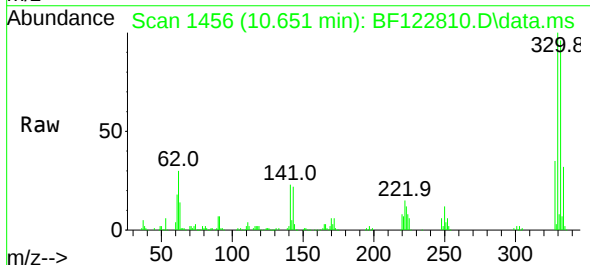
Instrument :
BNA_F
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PB133742BL

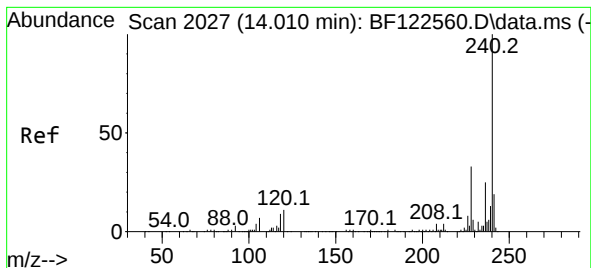
Tgt Ion:188 Resp: 846045
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.22 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122810.D
Acq: 22 Dec 2020 12:20

Tgt Ion:248 Resp: 36864
Ion Ratio Lower Upper
248 100
250 199.2 76.8 115.2#
141 387.7 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF122810.D

Acq: 22 Dec 2020 12:20

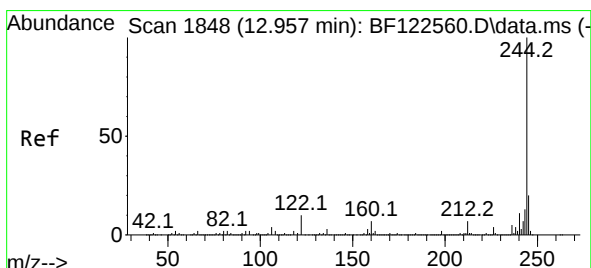
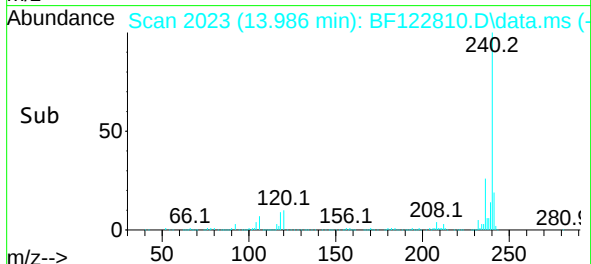
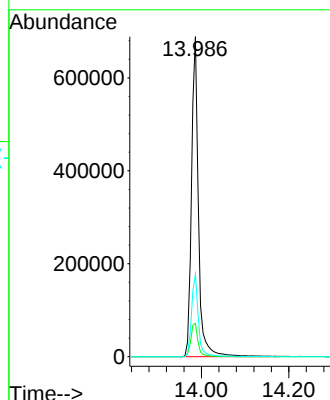
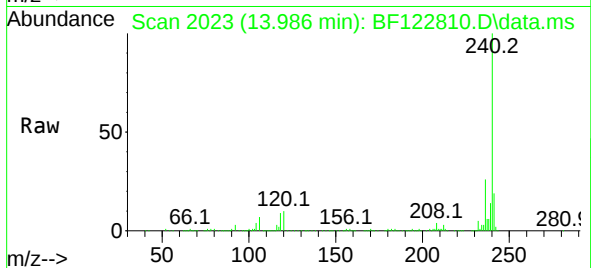
Tgt Ion:240 Resp: 759786

Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 25.8 20.3 30.5



#79

Terphenyl-d14

Concen: 51.72 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF122810.D

Acq: 22 Dec 2020 12:20

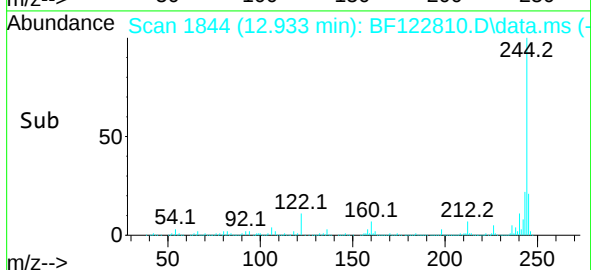
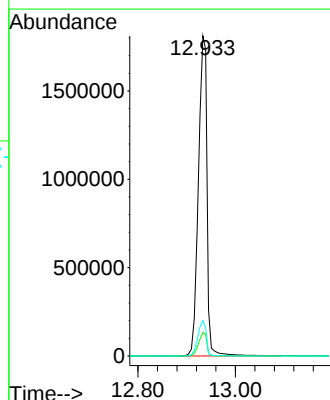
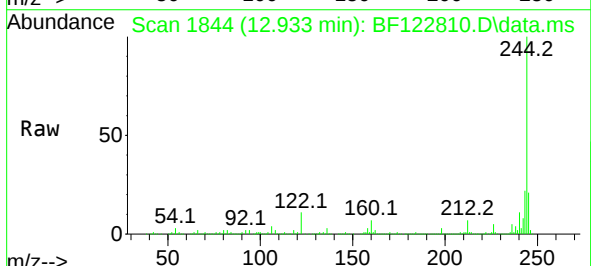
Tgt Ion:244 Resp: 2244735

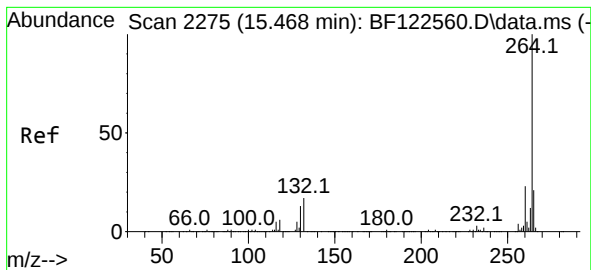
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 11.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF122810.D
 Acq: 22 Dec 2020 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB133742BL

Tgt Ion:264 Resp: 720099
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.7 17.0 25.6

