

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122859.D
 Acq On : 24 Dec 2020 17:12
 Operator : JU/CG
 Sample : L5207-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Dec 24 17:40:10 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)

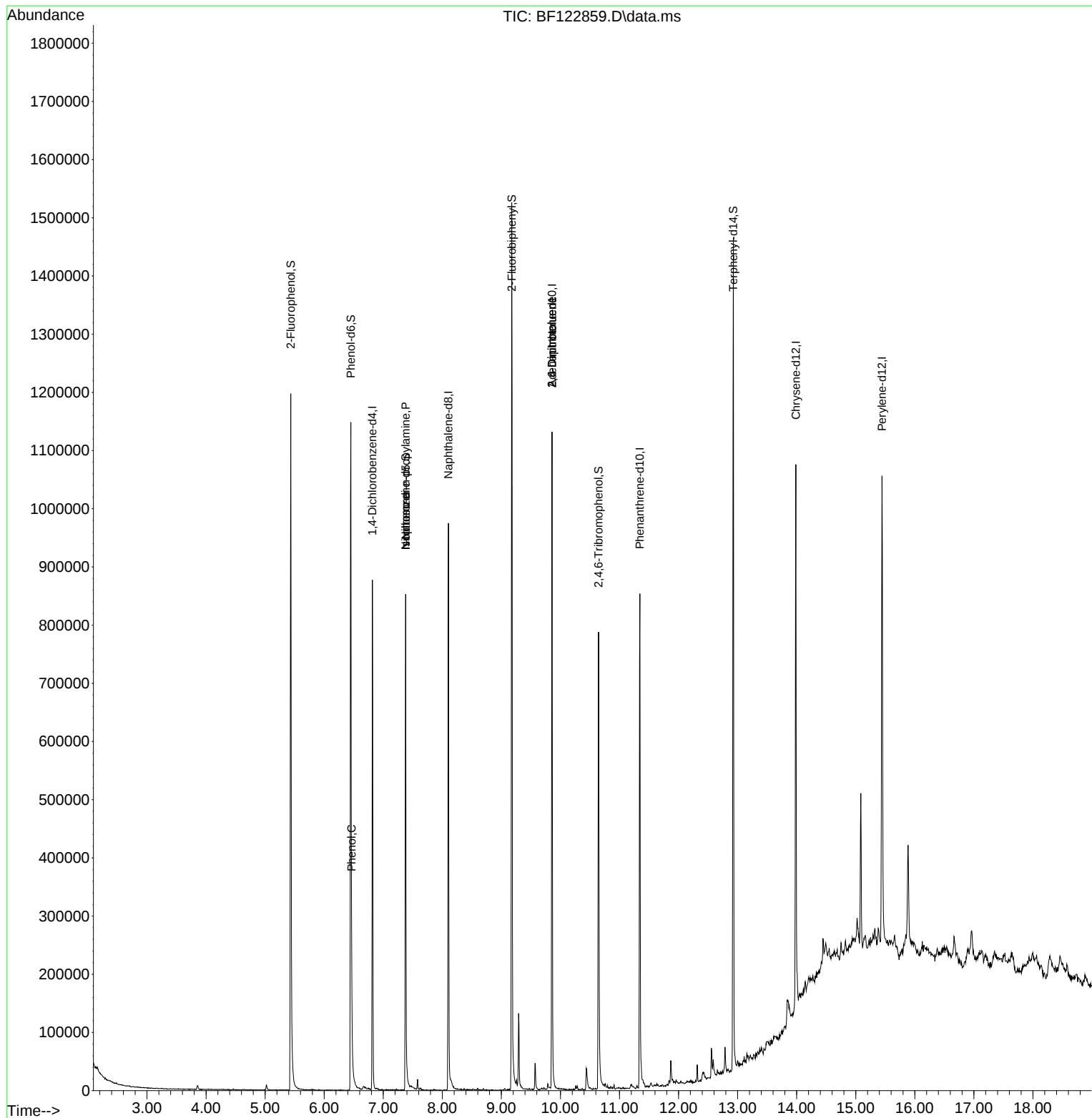
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	132741	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	469897	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	220888	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	353797	20.00	ng	0.00
76) Chrysene-d12	13.986	240	342757	20.00	ng	0.00
86) Perylene-d12	15.445	264	391128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	383745	45.77	ng	0.00
7) Phenol-d6	6.451	99	442926	39.83	ng	0.00
23) Nitrobenzene-d5	7.381	82	280122	29.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	114859	39.73	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	520039	31.84	ng	-0.01
79) Terphenyl-d14	12.927	244	463559	23.67	ng	0.00
Target Compounds						
10) Phenol	6.463	94	59931	5.20	ng	Qvalue 90
19) n-Nitroso-di-n-propyla...	7.381	70	35265	5.54	ng	# 78
25) Isophorone	7.381	82	280120	17.34	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	28512	7.65	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	28512	5.75	ng	# 25

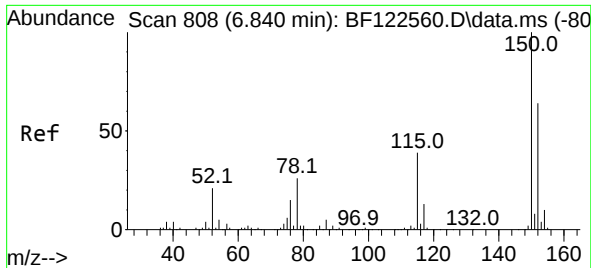
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Dec 24 17:40:10 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

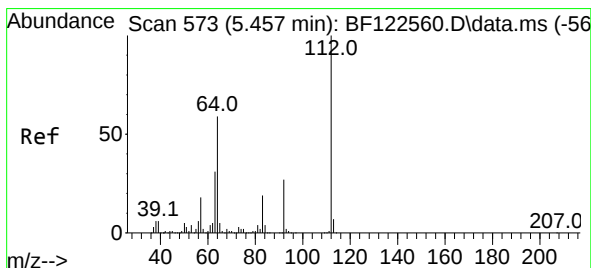
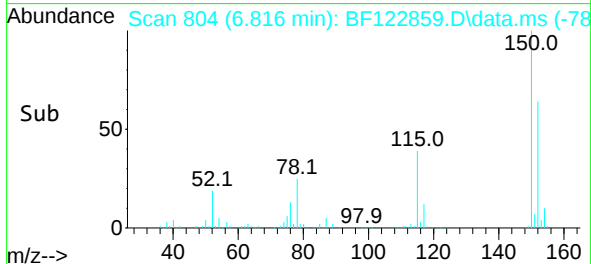
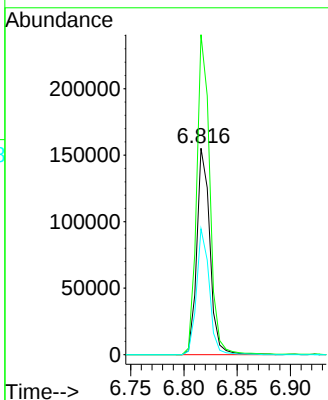
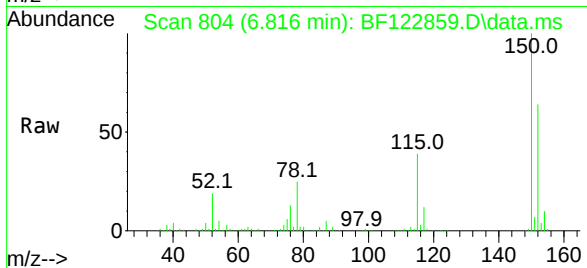




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

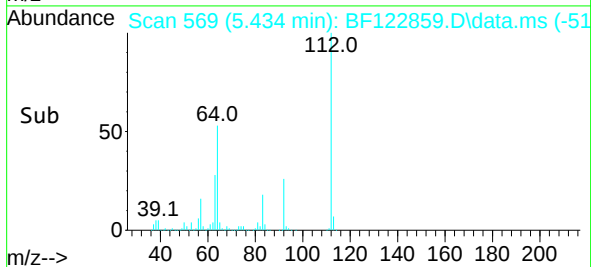
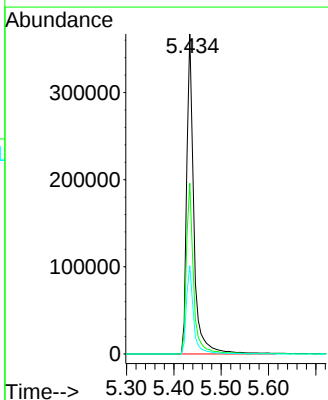
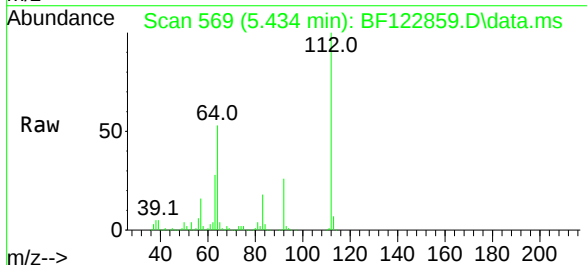
Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 132741
Ion Ratio Lower Upper
152 100
150 155.1 125.8 188.6
115 61.0 49.3 73.9



#5
2-Fluorophenol
Concen: 45.77 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

Tgt Ion:112 Resp: 383745
Ion Ratio Lower Upper
112 100
64 53.3 46.9 70.3
63 27.6 24.5 36.7

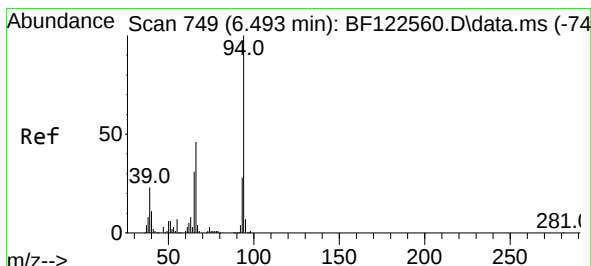
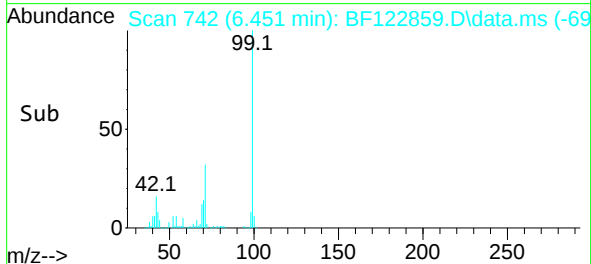
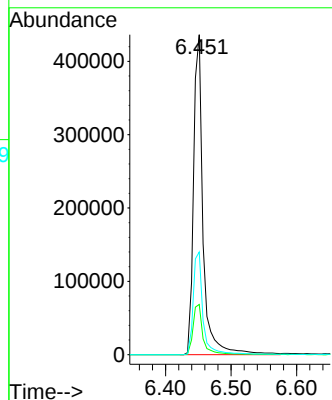
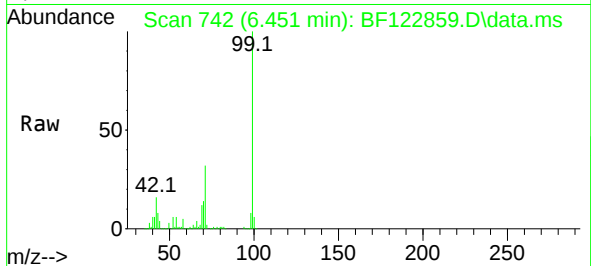




#7
Phenol-d6
Concen: 39.83 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

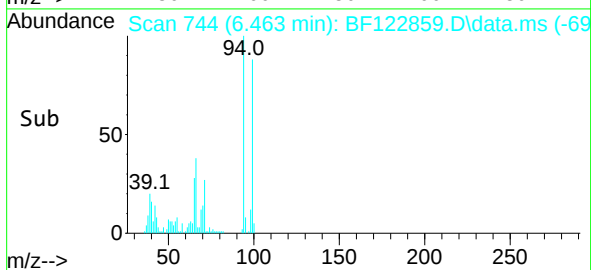
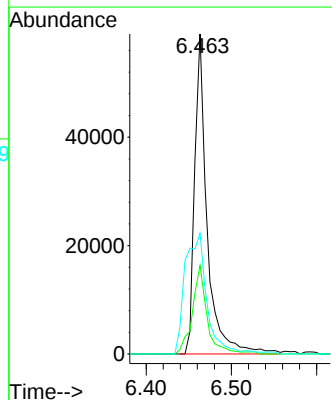
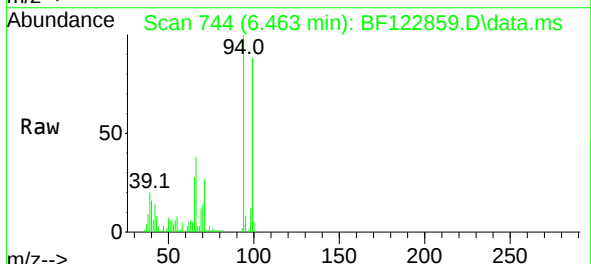
Instrument :
BNA_F
ClientSampleId :
SP-1

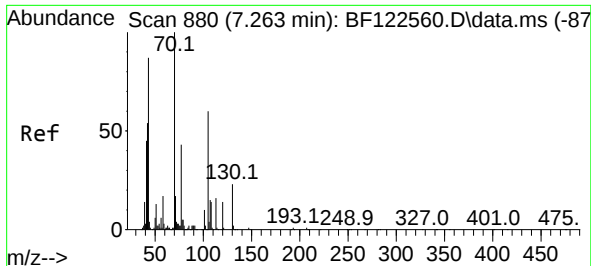
Tgt Ion: 99 Resp: 442926
Ion Ratio Lower Upper
99 100
42 15.7 13.8 20.6
71 32.1 26.9 40.3



#10
Phenol
Concen: 5.20 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

Tgt Ion: 94 Resp: 59931
Ion Ratio Lower Upper
94 100
65 27.6 11.2 51.2
66 37.8 25.8 65.8

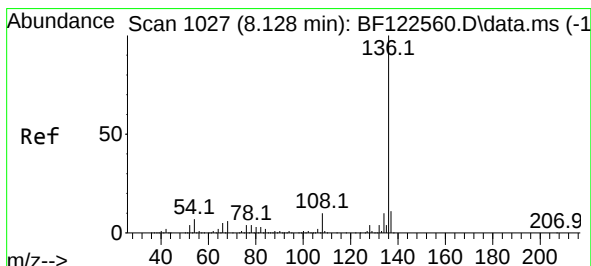
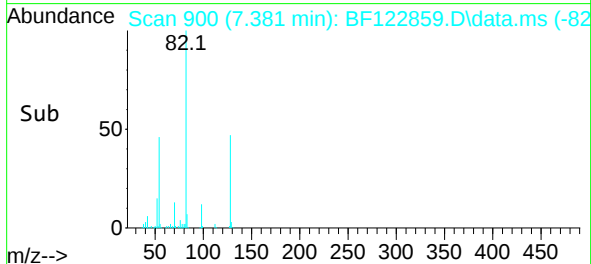
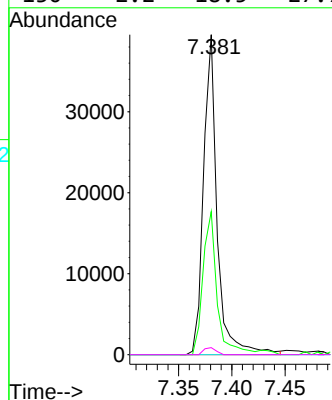
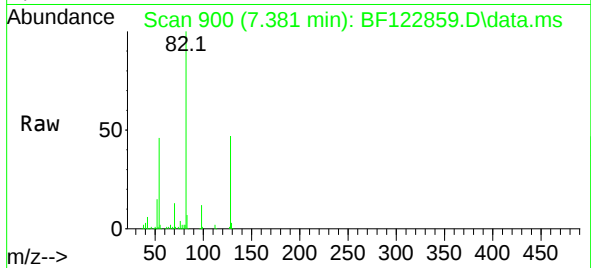




#19
n-Nitroso-di-n-propylamine
Concen: 5.54 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

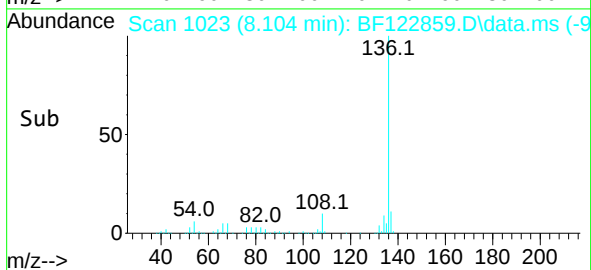
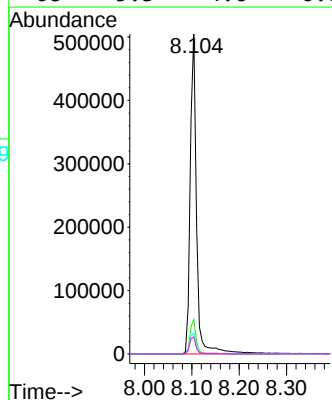
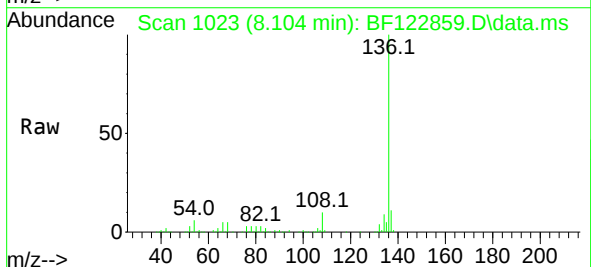
Instrument :
BNA_F
ClientSampled :
SP-1

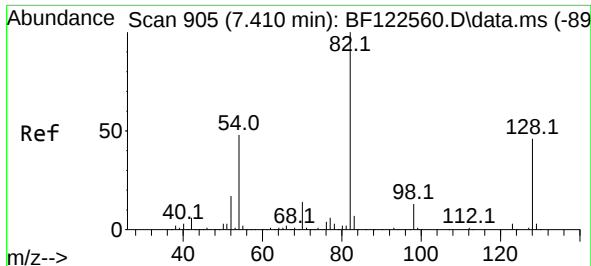
Tgt Ion: 70	Resp: 35265
Ion Ratio	Lower Upper
70 100	
42 44.7	43.0 64.4
101 0.0	7.9 11.9#
130 2.2	18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

Tgt Ion: 136	Resp: 469897
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 6.4	5.5 8.3
68 5.3	4.6 6.8

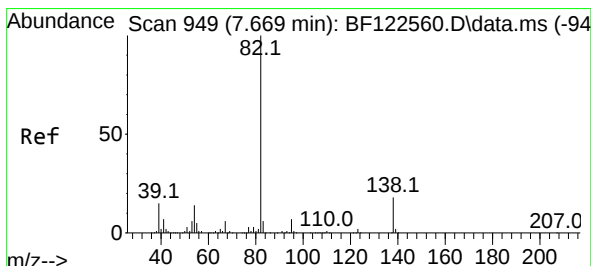
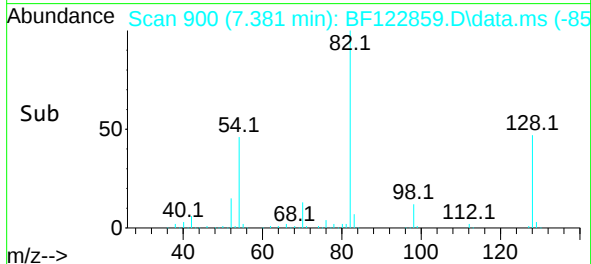
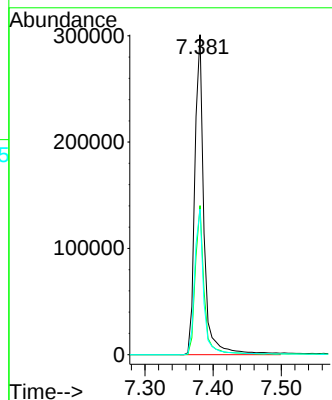
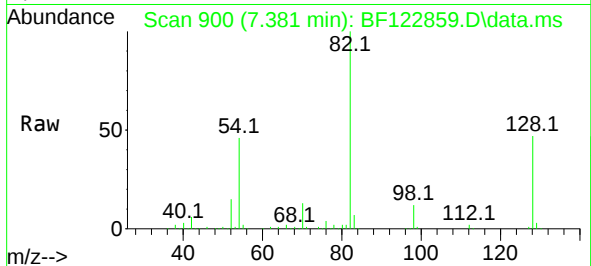




#23
Nitrobenzene-d5
Concen: 29.87 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

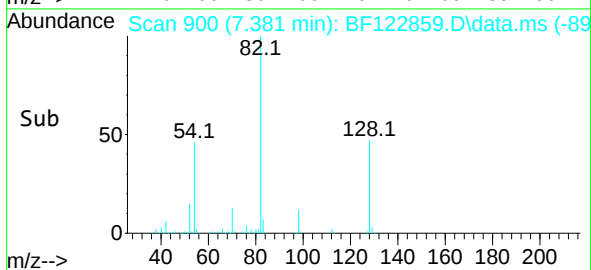
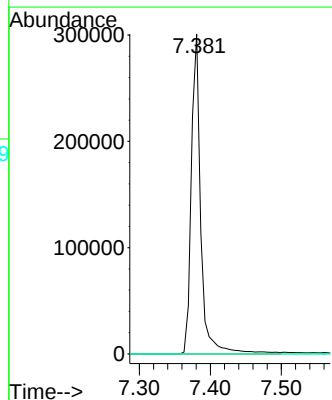
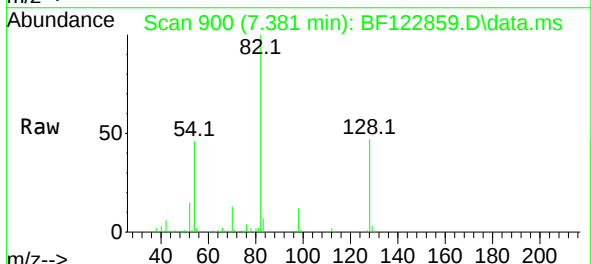
Instrument :
BNA_F
ClientSampleId :
SP-1

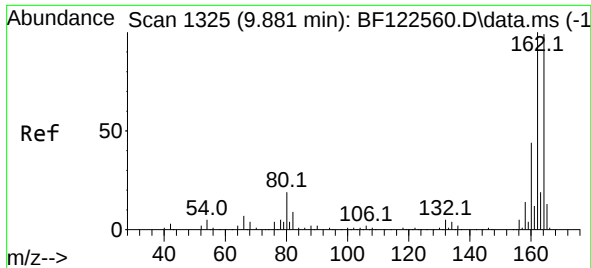
Tgt Ion: 82 Resp: 280122
Ion Ratio Lower Upper
82 100
128 46.6 37.0 55.4
54 45.5 38.4 57.6



#25
Isophorone
Concen: 17.34 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

Tgt Ion: 82 Resp: 280120
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

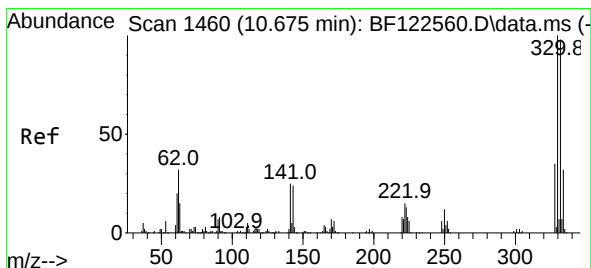
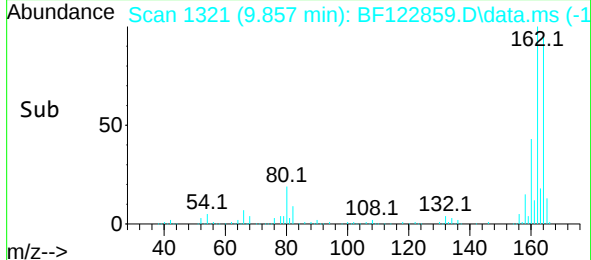
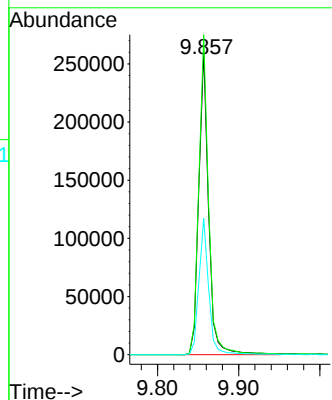
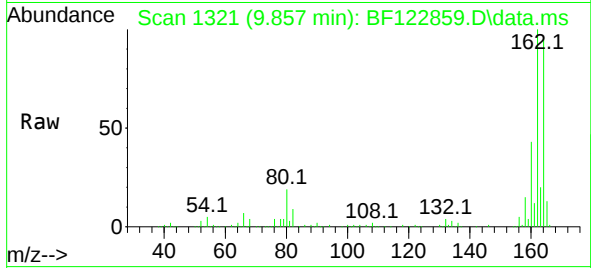




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

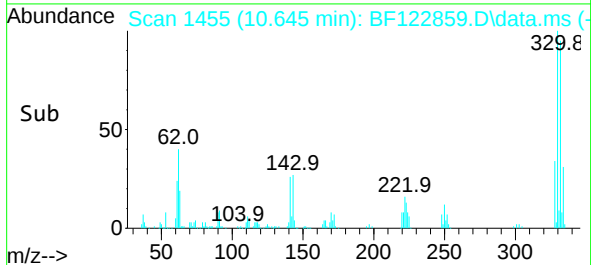
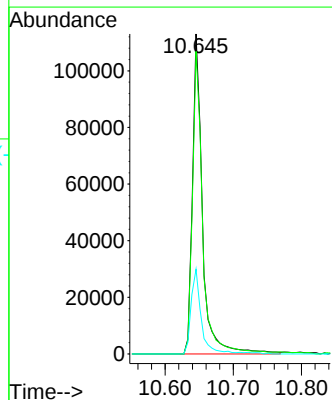
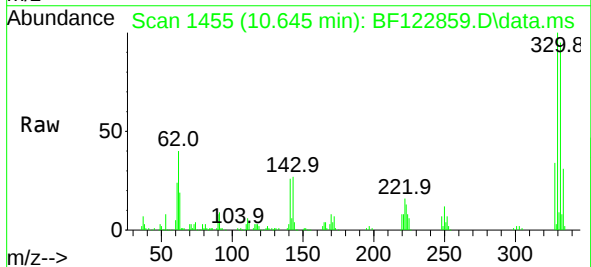
Instrument :
BNA_F
ClientSampleId :
SP-1

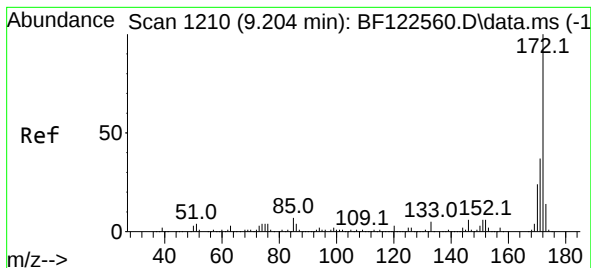
Tgt Ion:164 Resp: 220888
Ion Ratio Lower Upper
164 100
162 105.6 80.8 121.2
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 39.73 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

Tgt Ion:330 Resp: 114859
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 26.6 23.8 35.8

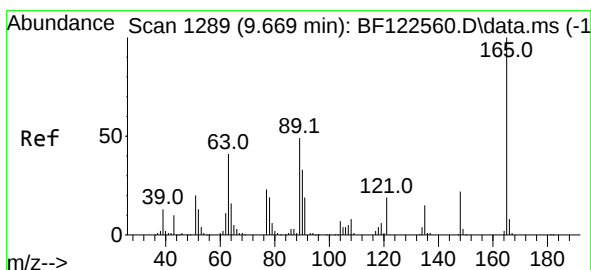
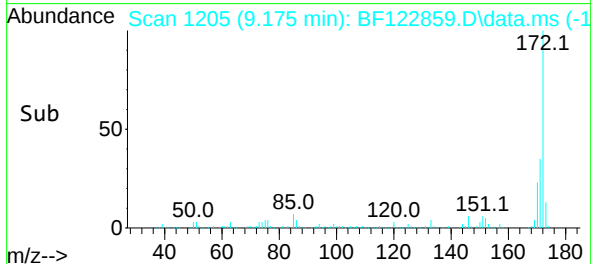
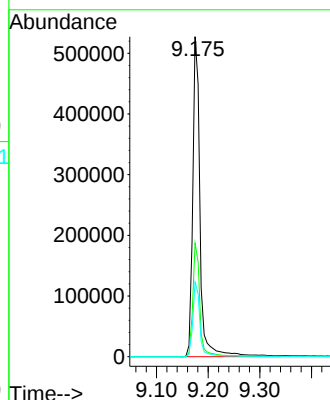
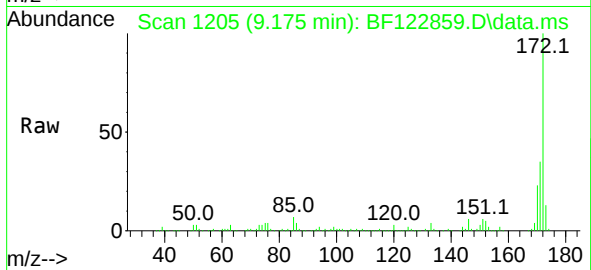




#45
2-Fluorobiphenyl
Concen: 31.84 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

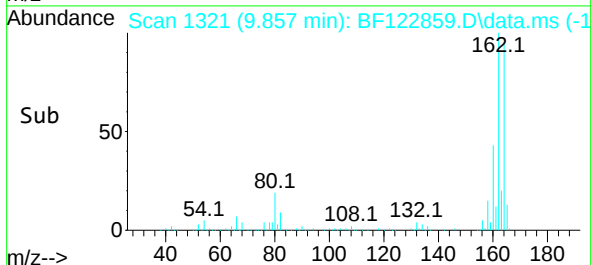
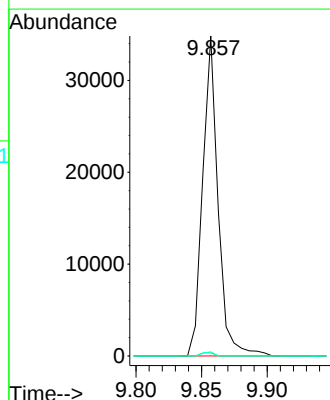
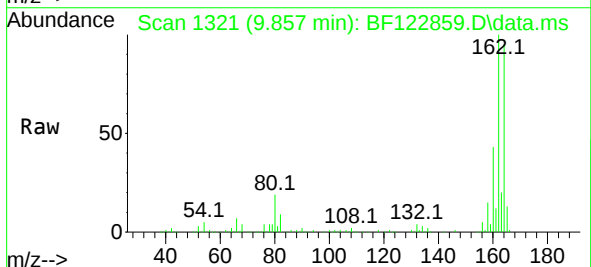
Instrument :
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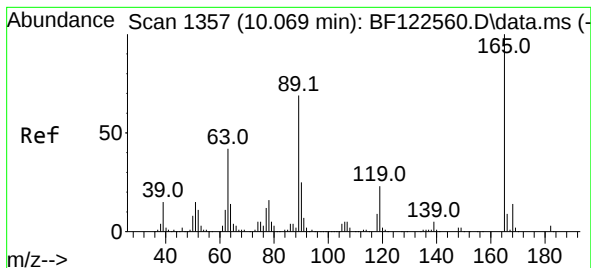
Tgt Ion:172 Resp: 520039
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.3 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

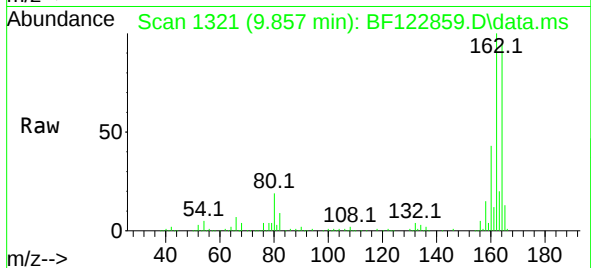
Tgt Ion:165 Resp: 28512
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.3 39.4 59.0#



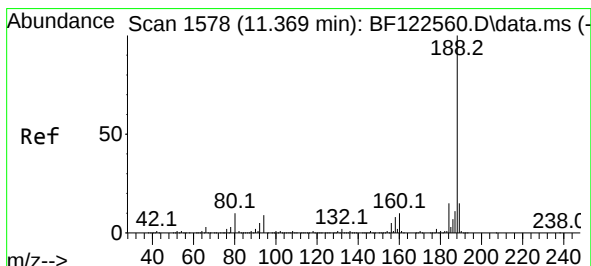
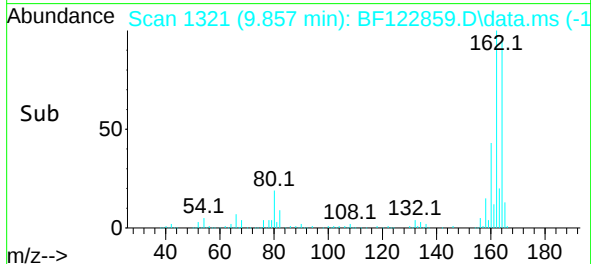
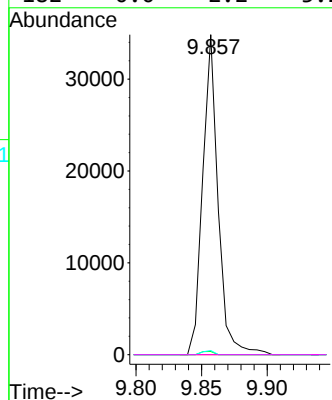


#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

Instrument :
BNA_F
ClientSampleId :
SP-1

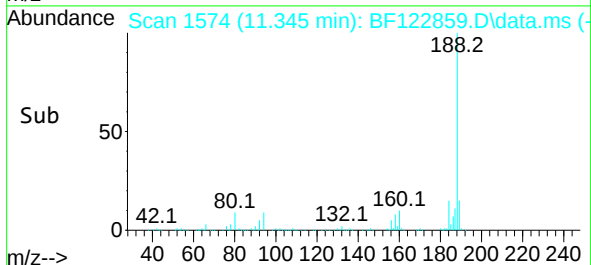
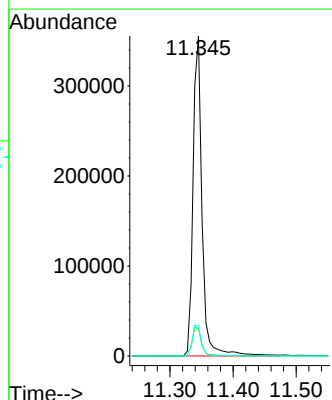
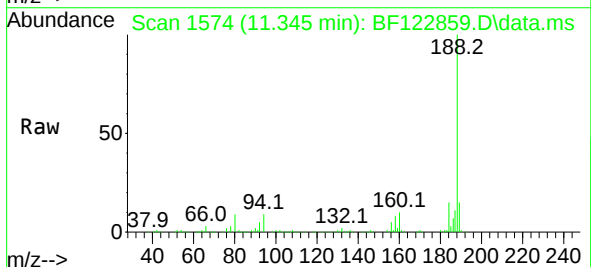


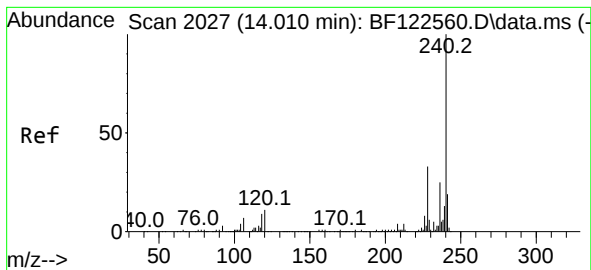
Tgt Ion:165 Resp: 28512
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

Tgt Ion:188 Resp: 353797
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.4 8.2 12.4

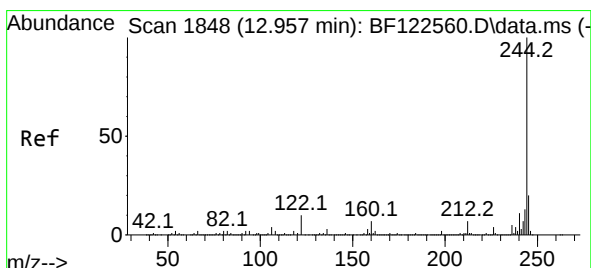
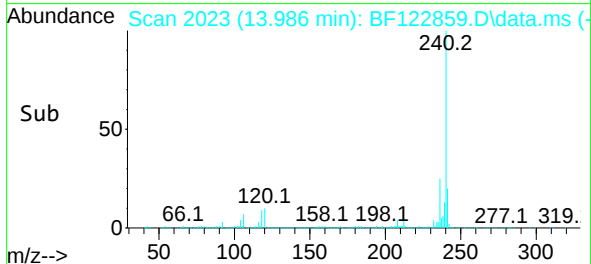
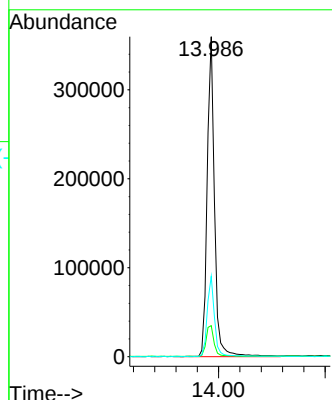
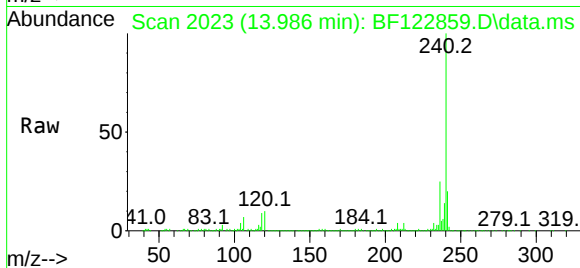




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

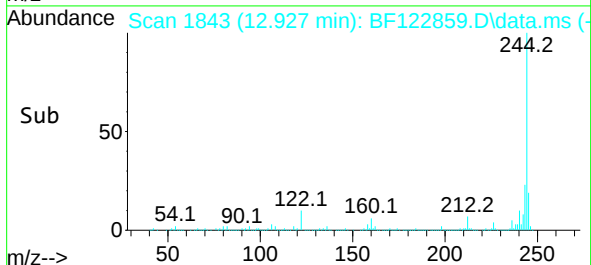
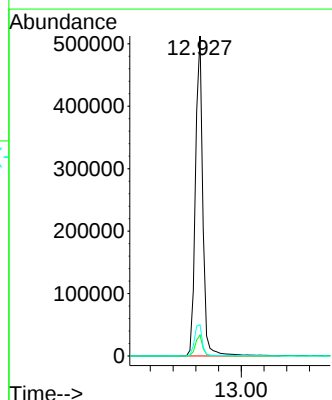
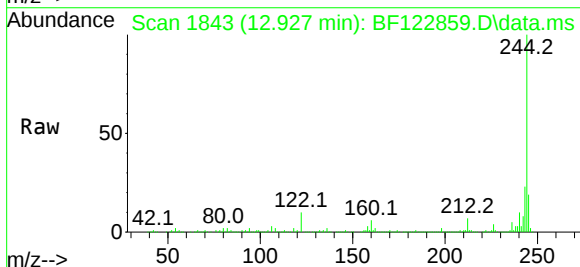
Instrument :
BNA_F
ClientSampleId :
SP-1

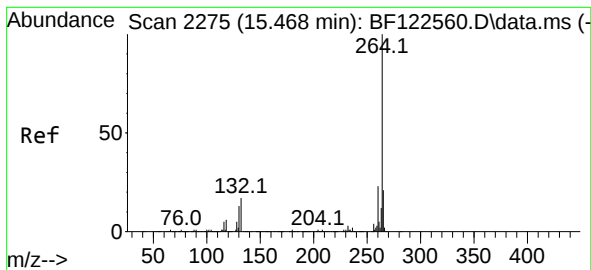
Tgt Ion:240 Resp: 342757
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 25.1 20.3 30.5



#79
Terphenyl-d14
Concen: 23.67 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122859.D
Acq: 24 Dec 2020 17:12

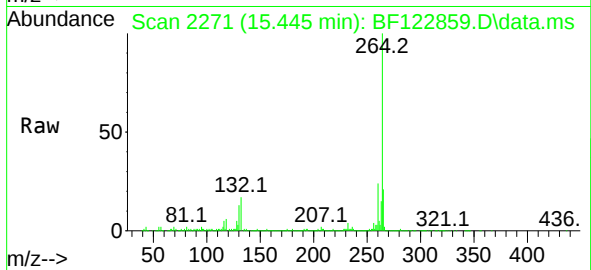
Tgt Ion:244 Resp: 463559
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 9.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF122859.D
 Acq: 24 Dec 2020 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SP-1



Tgt Ion:	264	Resp:	391128
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.6	28.0
265	21.4	17.0	25.6

