

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122575.D
 Acq On : 7 Dec 2020 16:51
 Operator : JU/CG
 Sample : L4960-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: Dec 07 17:31:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

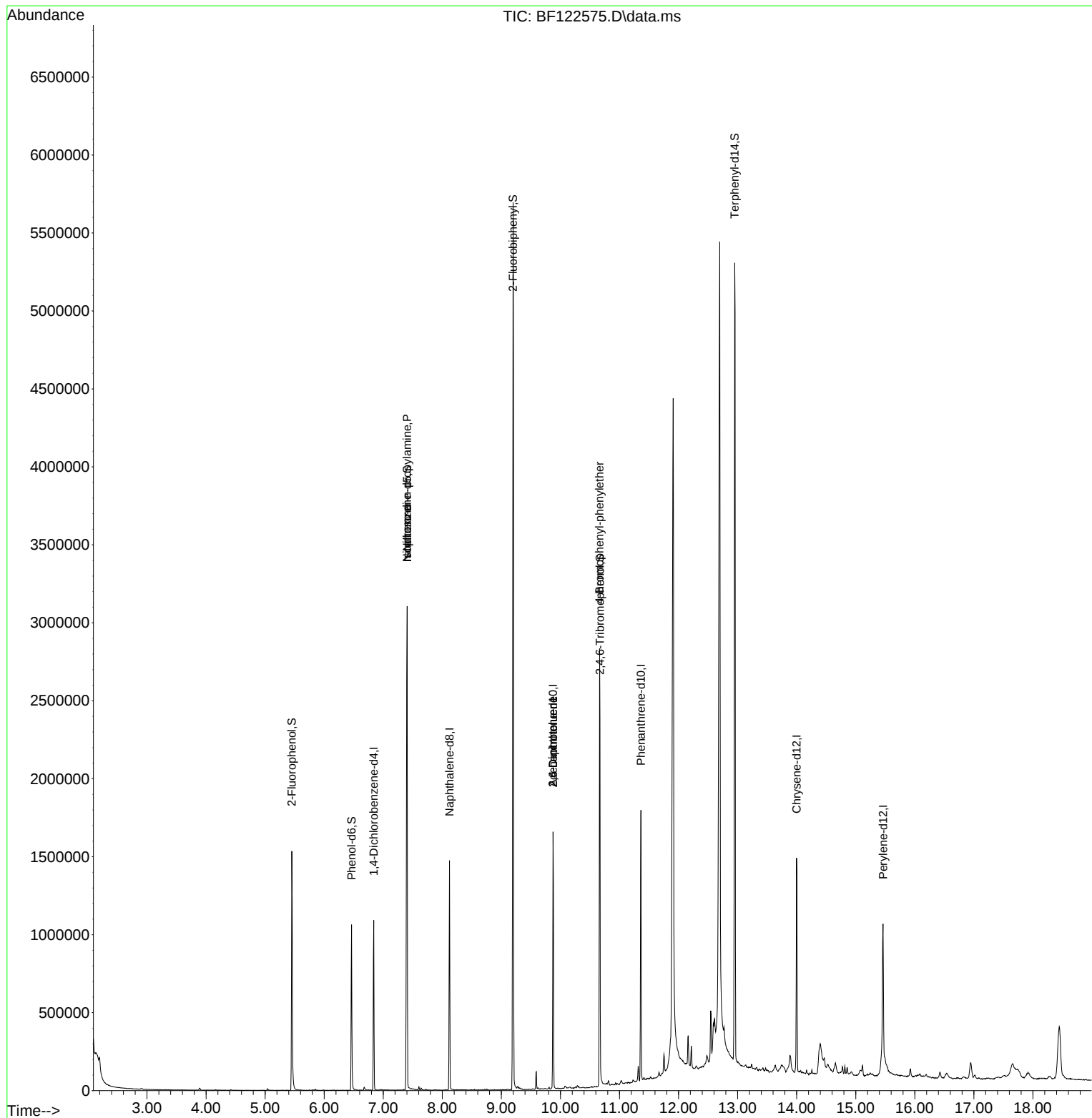
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	154928	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	606585	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	325262	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	606841	20.00	ng	0.00
76) Chrysene-d12	13.998	240	496777	20.00	ng	-0.01
86) Perylene-d12	15.463	264	410420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	472492	48.28	ng	0.00
7) Phenol-d6	6.463	99	341447	26.31	ng	-0.02
23) Nitrobenzene-d5	7.404	82	1046989	86.48	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	375640	88.23	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1913091	79.55	ng	0.00
79) Terphenyl-d14	12.951	244	1802787	63.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	140929	18.96	ng	Qvalue # 76
25) Isophorone	7.404	82	1039513	49.85	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	41253	7.52	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	41253	5.64	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	23120	2.81	ng	# 1

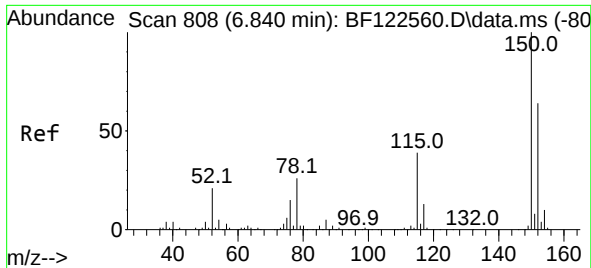
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 10 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

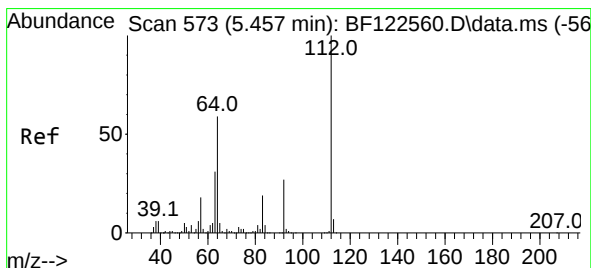
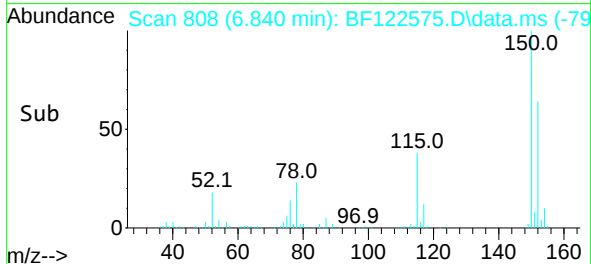
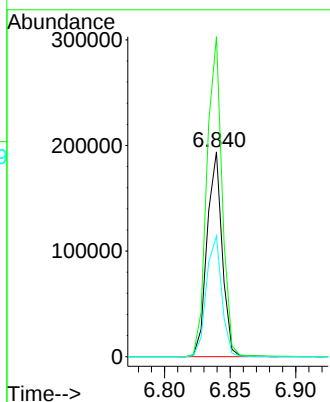
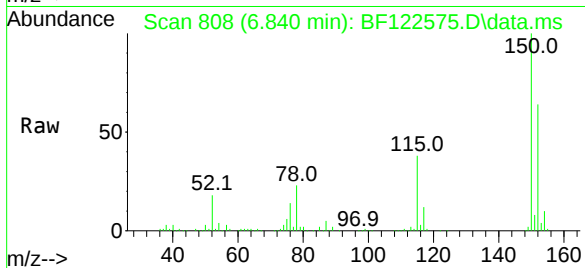




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

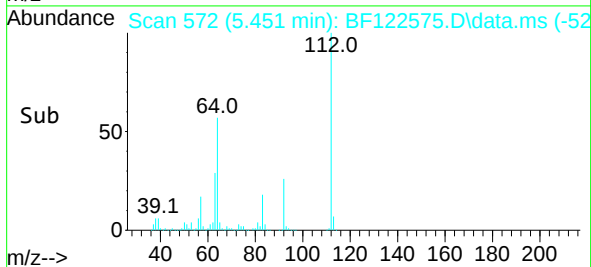
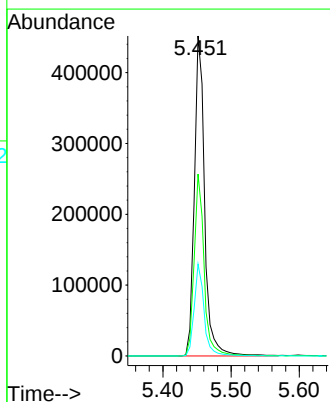
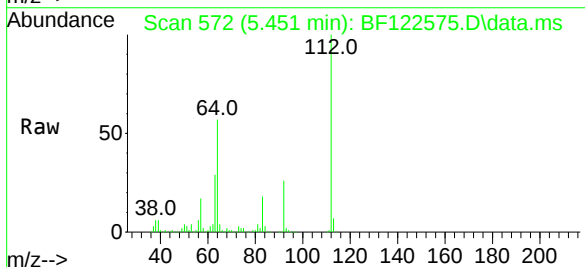
Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:152 Resp: 154928
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 58.9 49.3 73.9



#5
2-Fluorophenol
Concen: 48.28 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

Tgt Ion:112 Resp: 472492
Ion Ratio Lower Upper
112 100
64 56.8 46.9 70.3
63 28.7 24.5 36.7

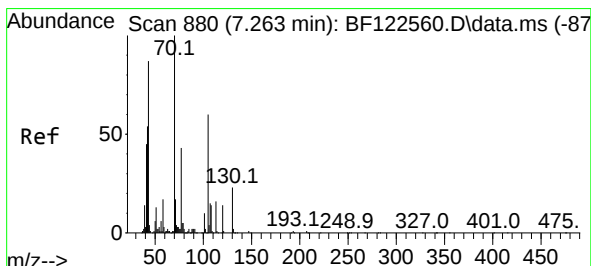
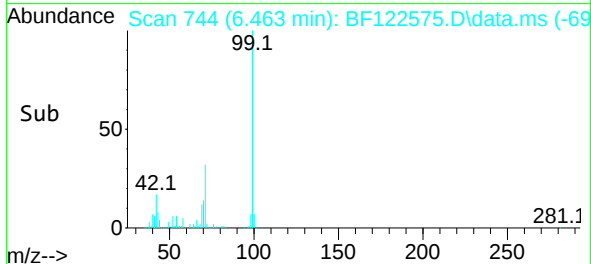
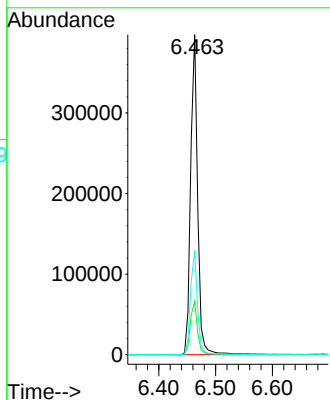
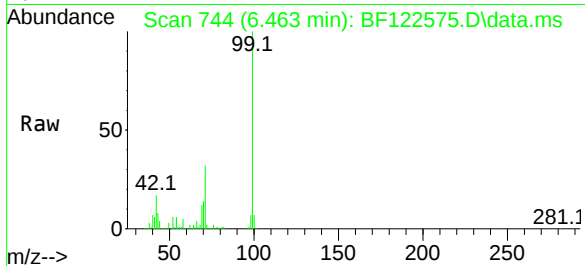




#7
Phenol-d6
Concen: 26.31 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

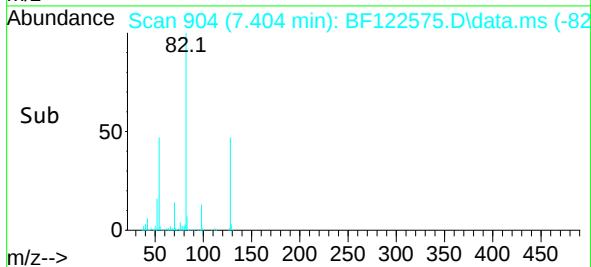
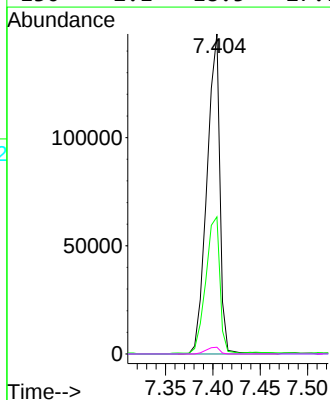
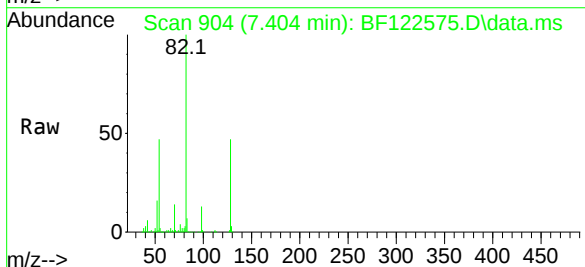
Instrument :
BNA_F
ClientSampleId :
MW-7

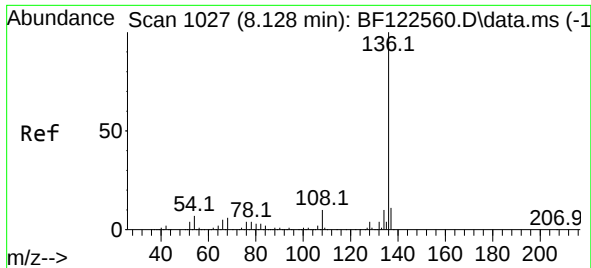
Tgt Ion: 99 Resp: 341447
Ion Ratio Lower Upper
99 100
42 16.6 13.8 20.6
71 32.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.96 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

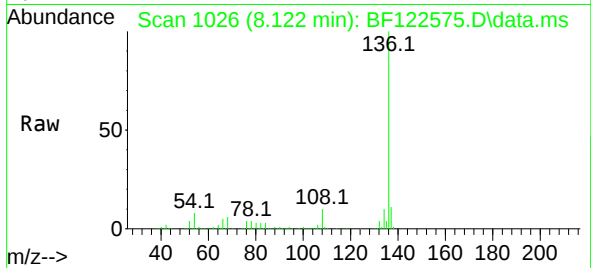
Tgt Ion: 70 Resp: 140929
Ion Ratio Lower Upper
70 100
42 42.9 43.0 64.4#
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



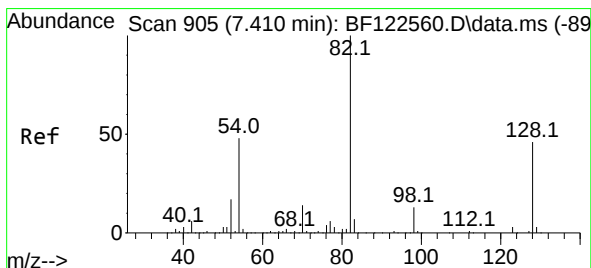
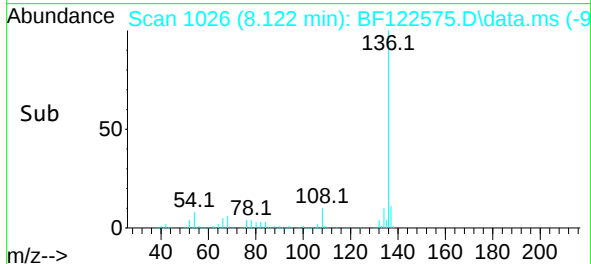
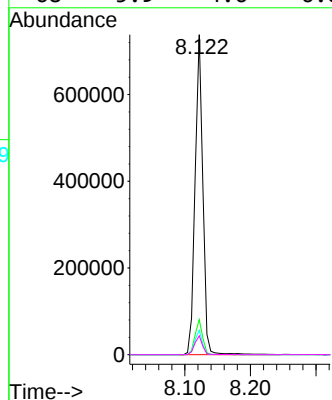


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

Instrument :
BNA_F
ClientSampleId :
MW-7

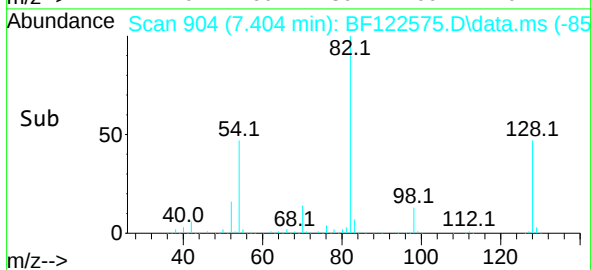
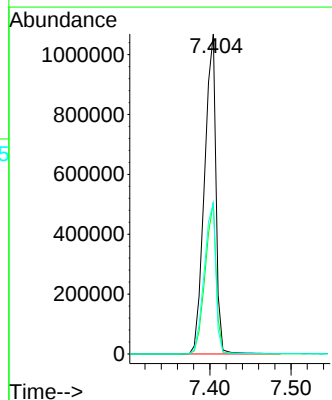
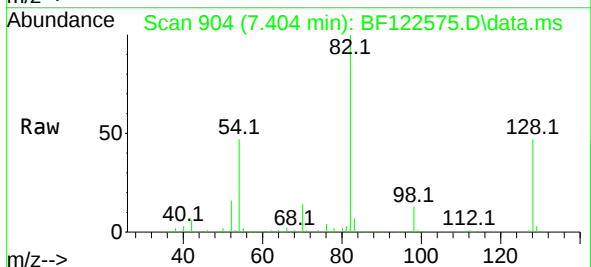


Tgt	Ion:136	Resp:	606585
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	5.5	8.3
68	5.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 86.48 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

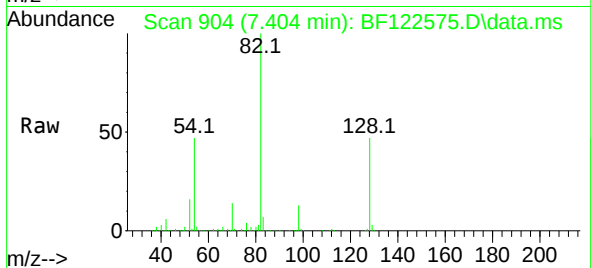
Tgt Ion: 82		Resp: 1046989	
Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.0	55.4
54	47.2	38.4	57.6



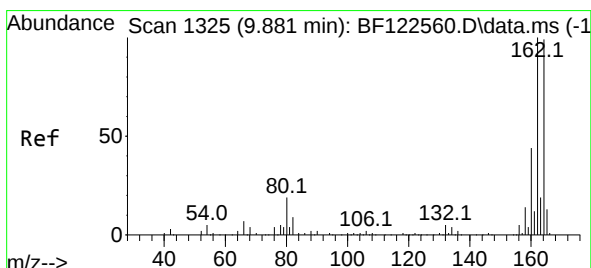
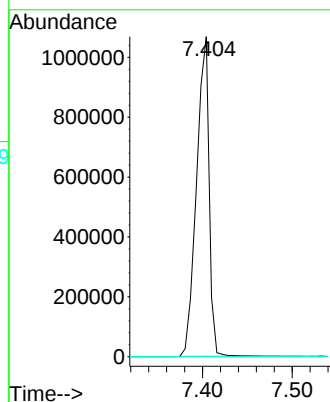
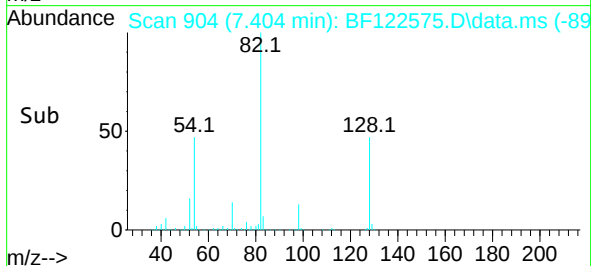


#25
Isophorone
Concen: 49.85 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

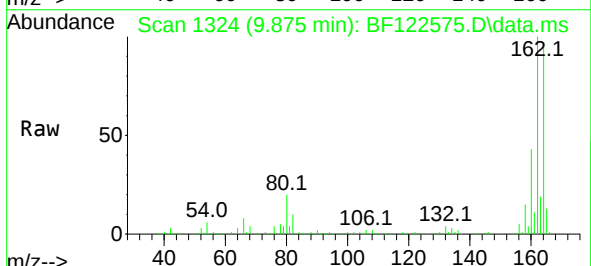
Instrument :
BNA_F
ClientSampleId :
MW-7



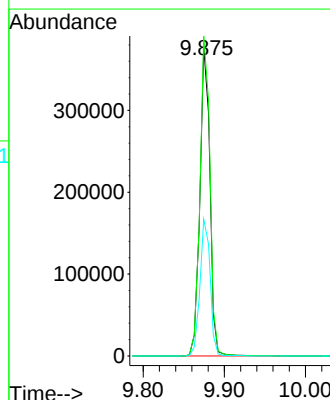
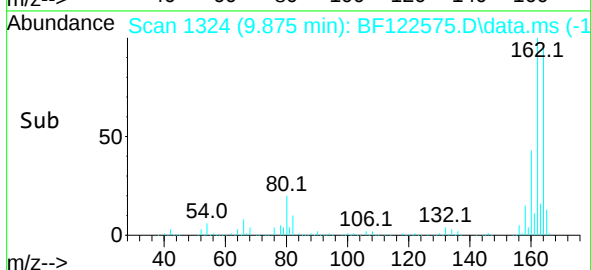
Tgt Ion: 82 Resp: 1039513
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

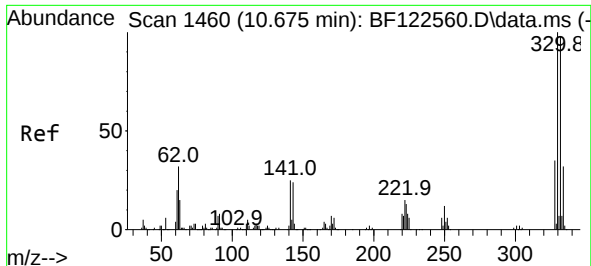


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51



Tgt Ion:164 Resp: 325262
Ion Ratio Lower Upper
164 100
162 103.5 80.8 121.2
160 44.2 35.4 53.0

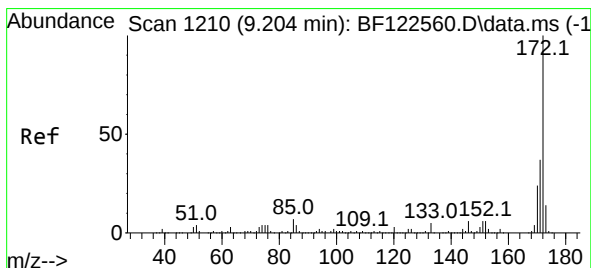
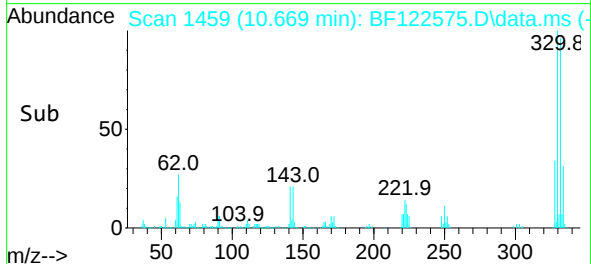
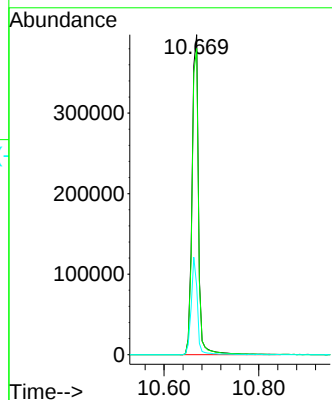
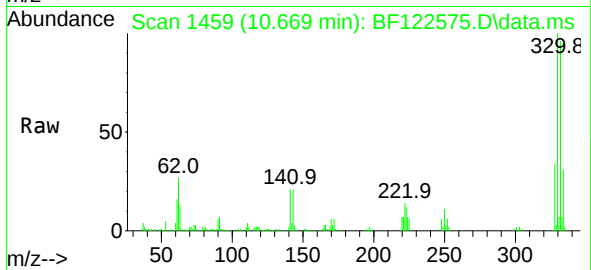




#42
2,4,6-Tribromophenol
Concen: 88.23 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

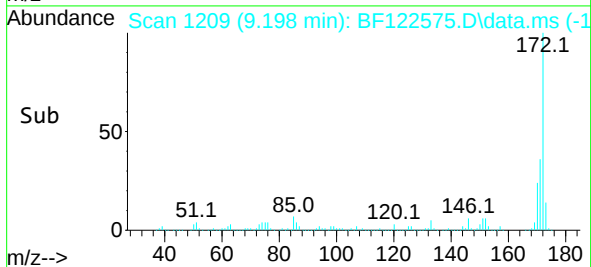
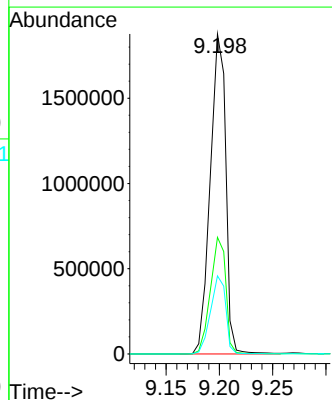
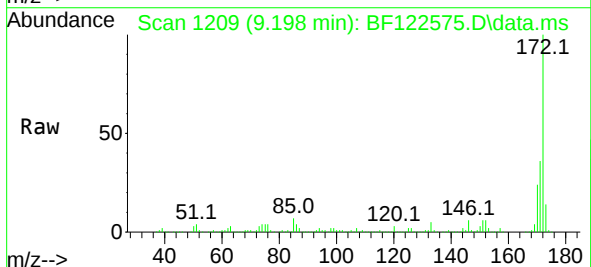
Instrument :
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ClientSampleId :
MW-7

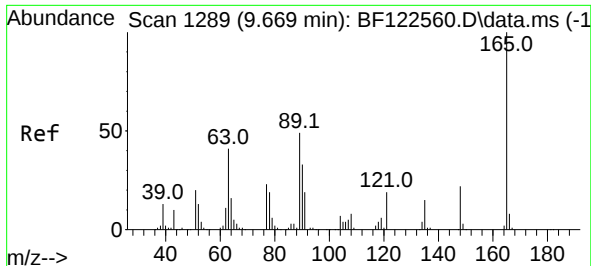
Tgt Ion:330 Resp: 375640
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 29.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 79.55 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

Tgt Ion:172 Resp: 1913091
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.4 19.5 29.3

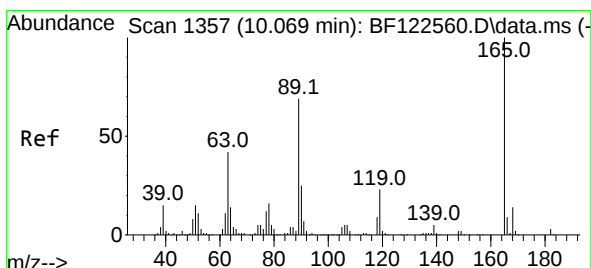
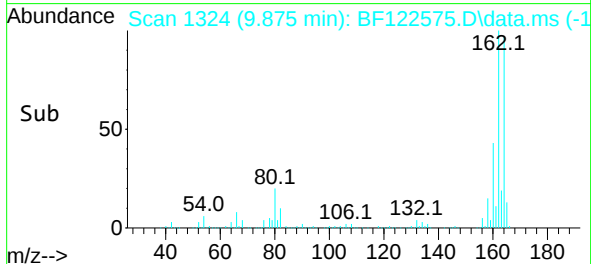
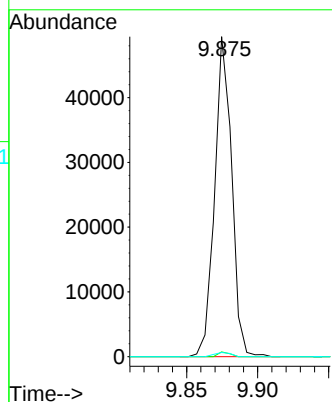
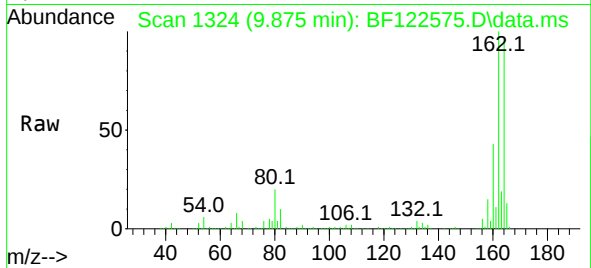




#51
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

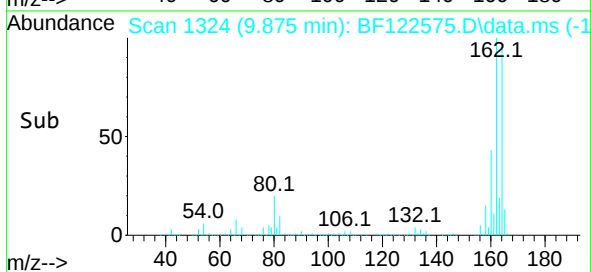
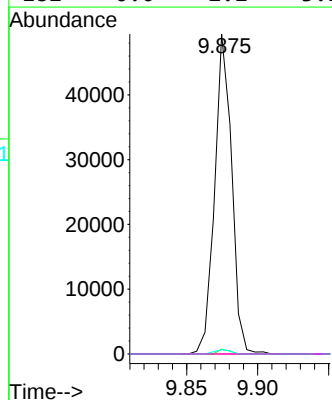
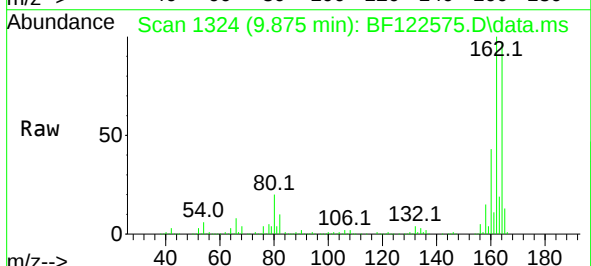
Instrument :
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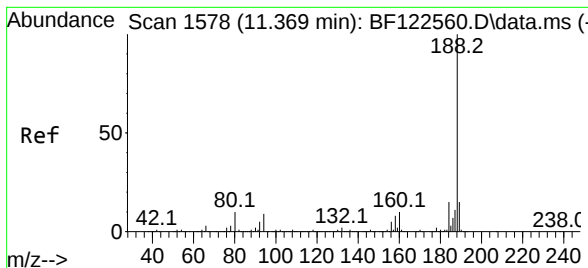
Tgt Ion:165 Resp: 41253
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.64 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

Tgt Ion:165 Resp: 41253
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

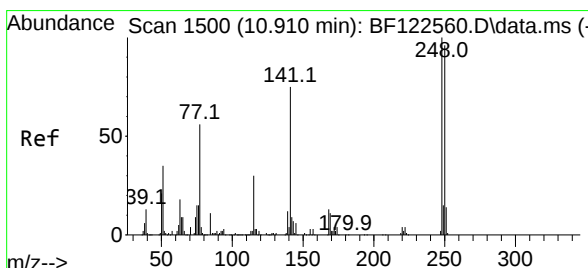
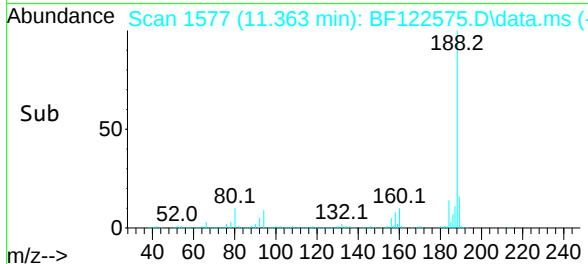
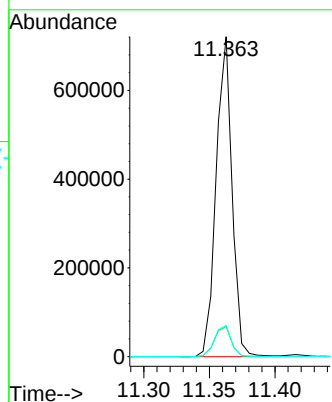
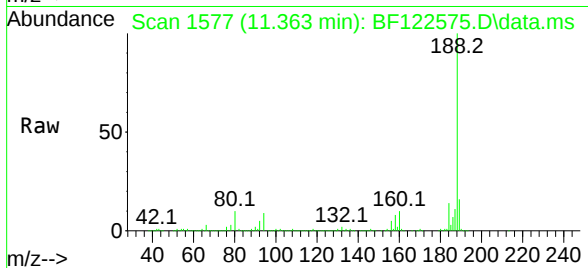




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

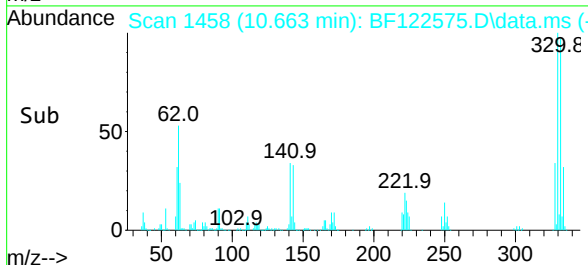
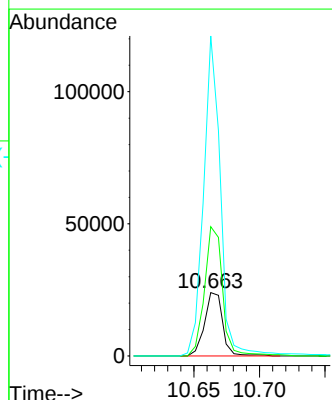
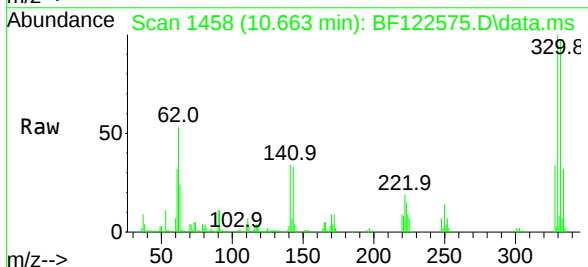
Instrument :
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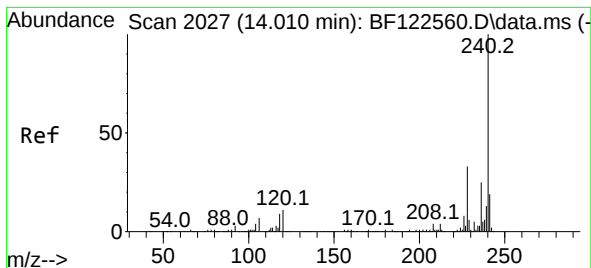
Tgt Ion:188 Resp: 606841
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 9.8 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.81 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

Tgt Ion:248 Resp: 23120
Ion Ratio Lower Upper
248 100
250 203.7 76.8 115.2#
141 504.4 59.8 89.8#

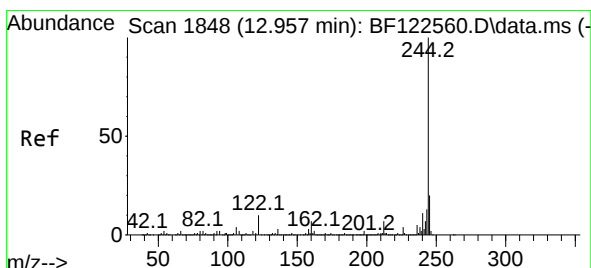
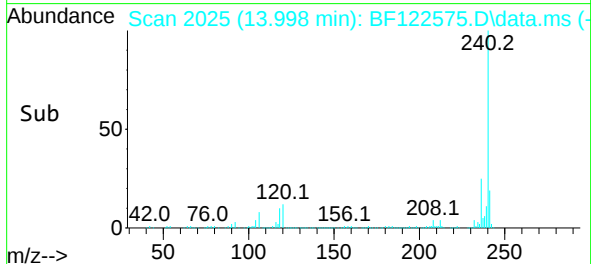
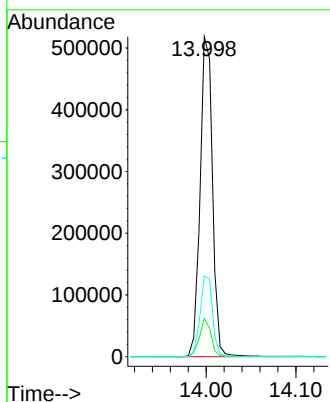
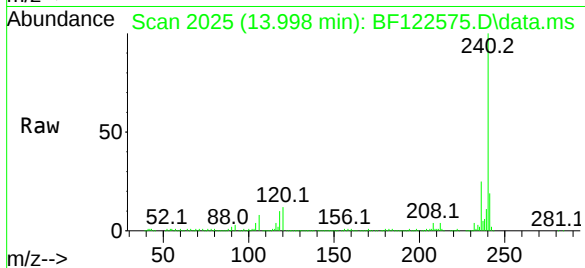




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

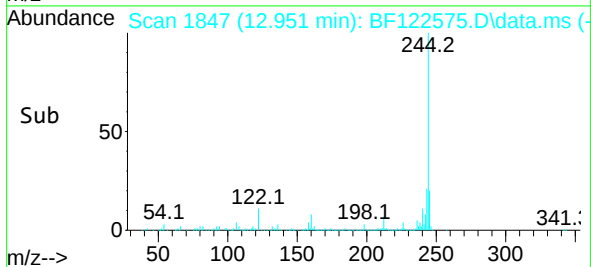
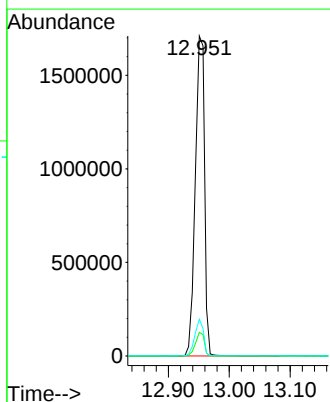
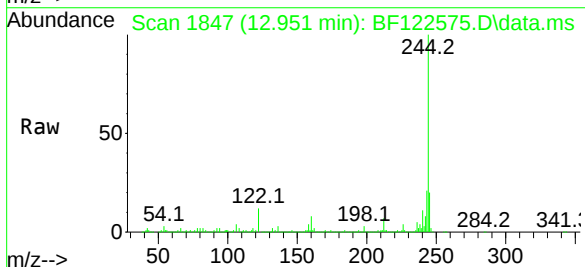
Instrument :
BNA_F
ClientSampleId :
MW-7

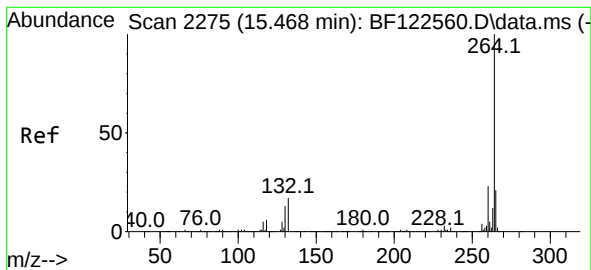
Tgt Ion:240 Resp: 496777
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 63.52 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122575.D
Acq: 7 Dec 2020 16:51

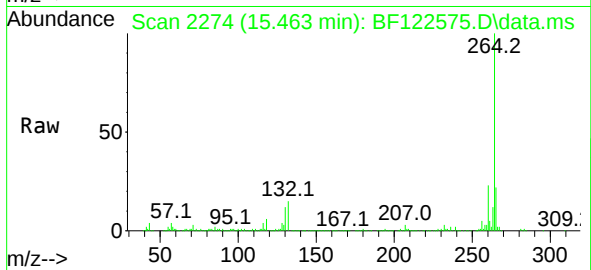
Tgt Ion:244 Resp: 1802787
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF122575.D
 Acq: 7 Dec 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-7



Tgt Ion:264	Resp:	410420
Ion	Ratio	Lower Upper
264	100	
260	22.9	18.6 28.0
265	21.7	17.0 25.6

