

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122576.D
 Acq On : 7 Dec 2020 17:23
 Operator : JU/CG
 Sample : L4960-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Dec 08 00:23:23 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)

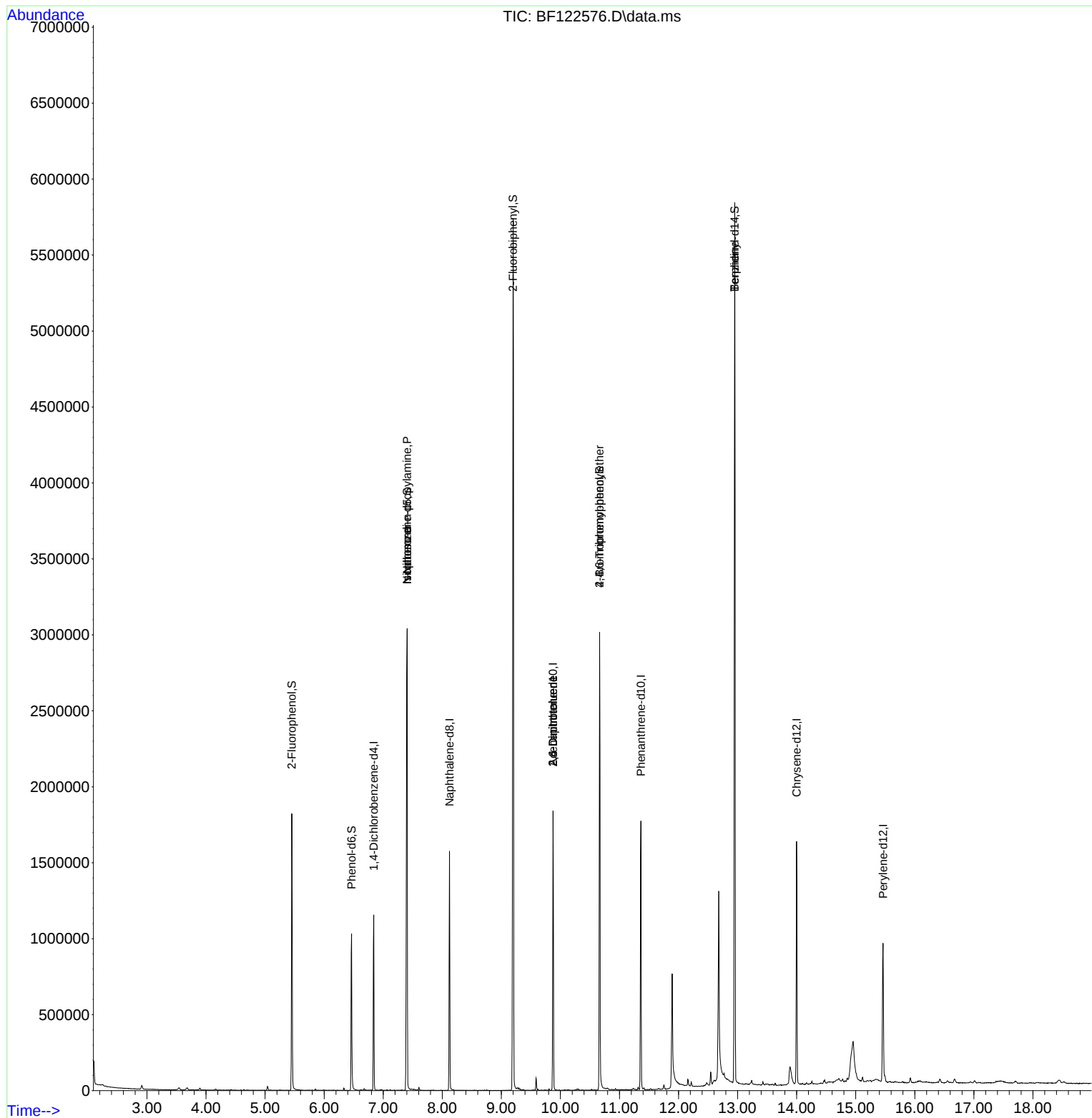
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	166837	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	657402	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	353619	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	660103	20.00	ng	0.00
76) Chrysene-d12	13.998	240	553451	20.00	ng	-0.01
86) Perylene-d12	15.463	264	435605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	492180	46.70	ng	0.00
7) Phenol-d6	6.463	99	350834	25.10	ng	-0.02
23) Nitrobenzene-d5	7.404	82	1097904	83.67	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	400143	86.45	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1987867	76.03	ng	0.00
79) Terphenyl-d14	12.951	244	1907546	60.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	147870	18.47	ng	# 78
25) Isophorone	7.404	82	1087978	48.14	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	46088	7.73	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	46088	5.80	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	24857	2.78	ng	# 1
77) Benzidine	12.951	184	25325	2.12	ng	# 90

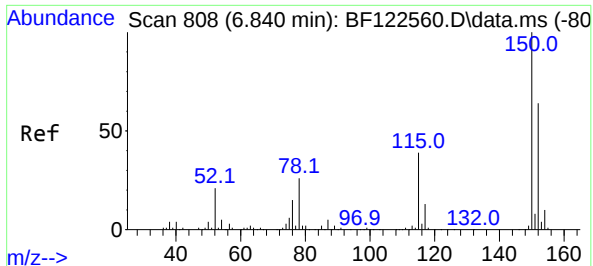
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122576.D
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Sample : L4960-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6

Quant Time: Dec 08 00:23:23 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

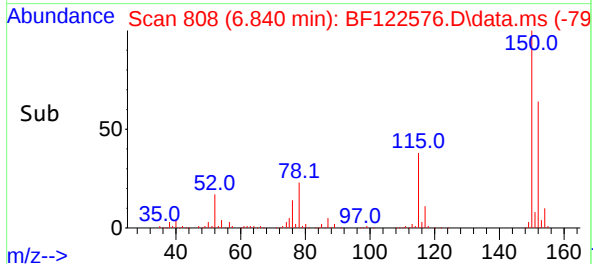
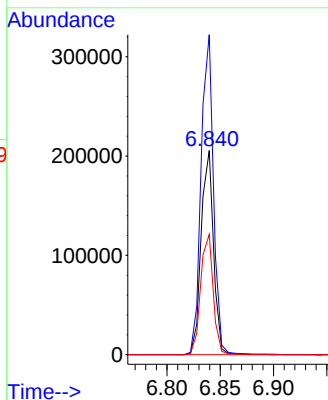
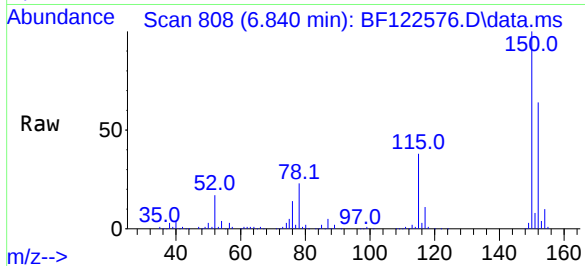




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

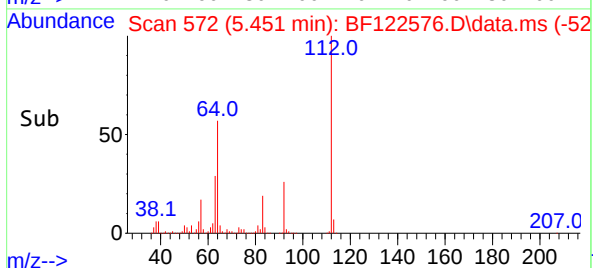
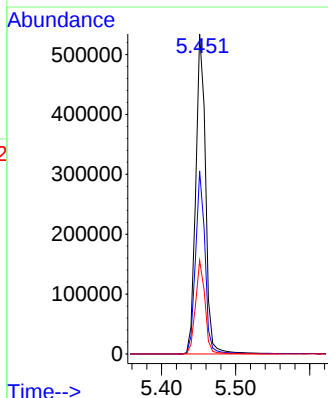
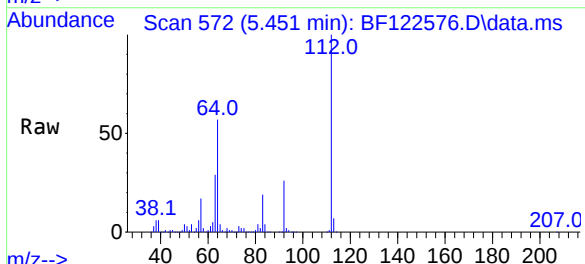
Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:152 Resp: 166837
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 58.9 49.3 73.9



#5
2-Fluorophenol
Concen: 46.70 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

Tgt Ion:112 Resp: 492180
Ion Ratio Lower Upper
112 100
64 57.2 46.9 70.3
63 29.2 24.5 36.7

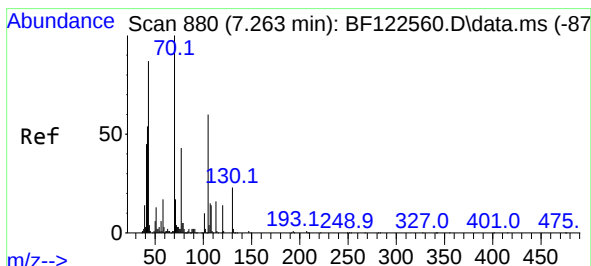
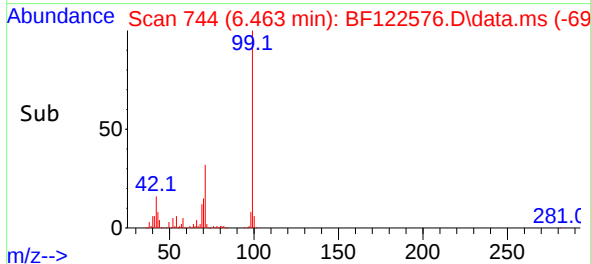
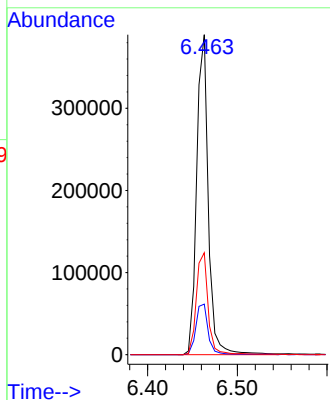
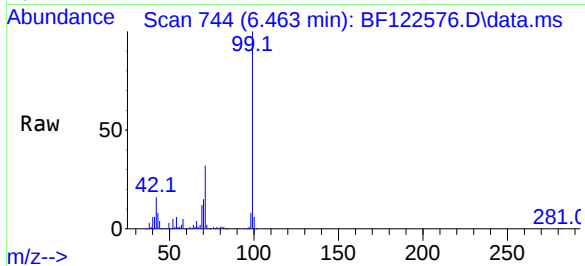




#7
Phenol-d6
Concen: 25.10 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

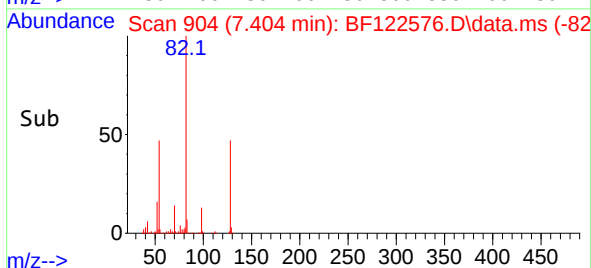
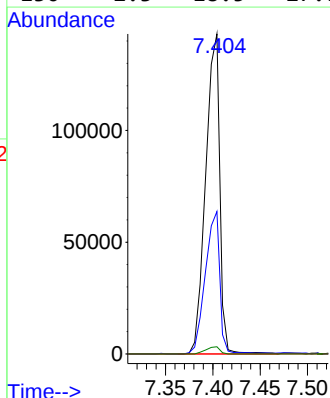
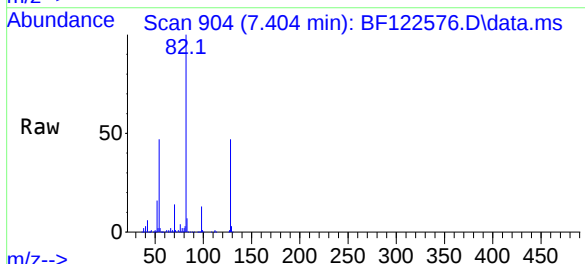
Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 99 Resp: 350834
Ion Ratio Lower Upper
99 100
42 15.8 13.8 20.6
71 31.9 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.47 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

Tgt Ion: 70 Resp: 147870
Ion Ratio Lower Upper
70 100
42 44.5 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



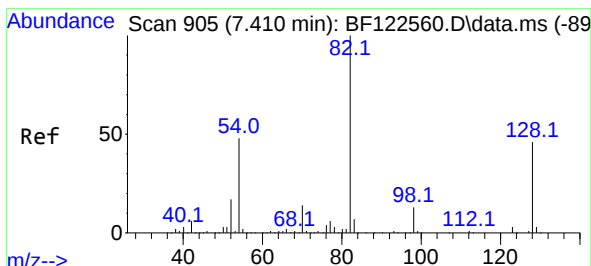
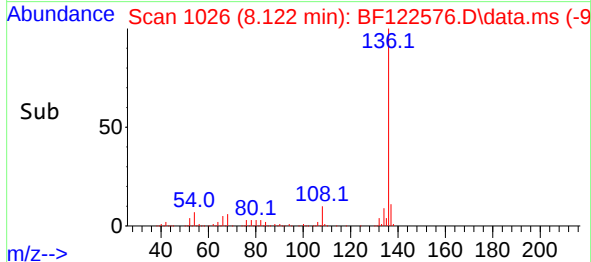
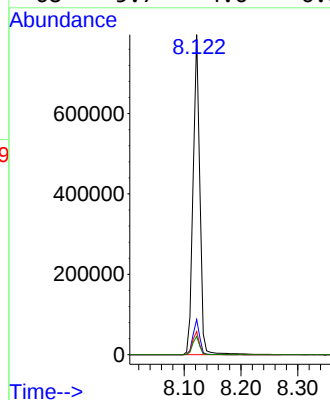
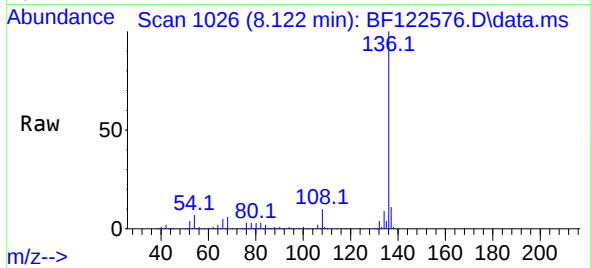


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:136 Resp: 657402

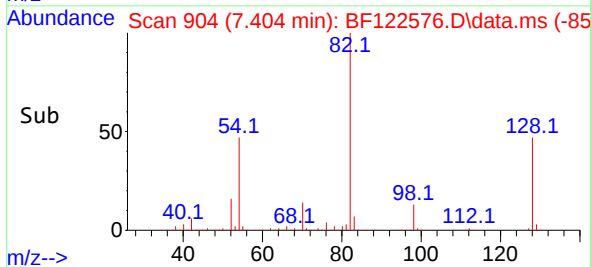
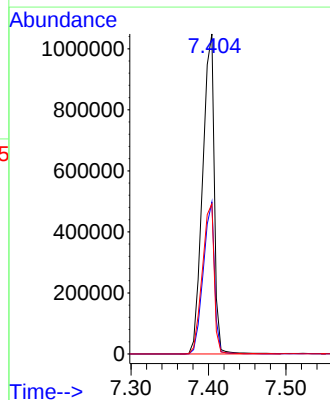
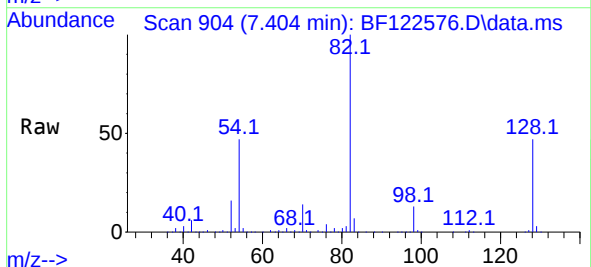
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	5.5	8.3
68	5.7	4.6	6.8

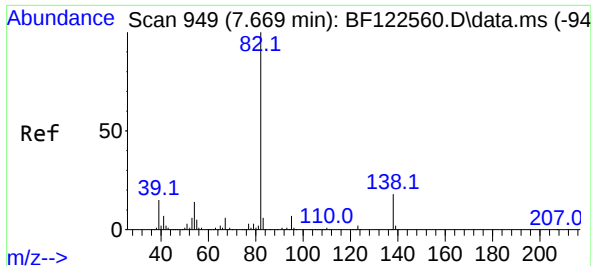


#23
Nitrobenzene-d5
Concen: 83.67 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

Tgt Ion: 82 Resp: 1097904

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.0	55.4
54	46.9	38.4	57.6

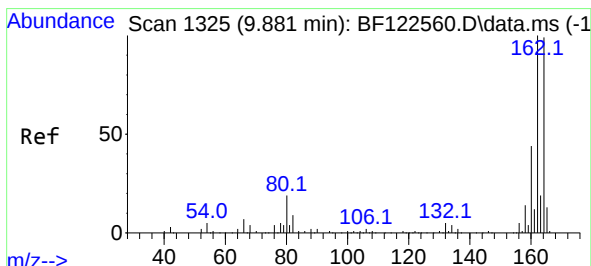
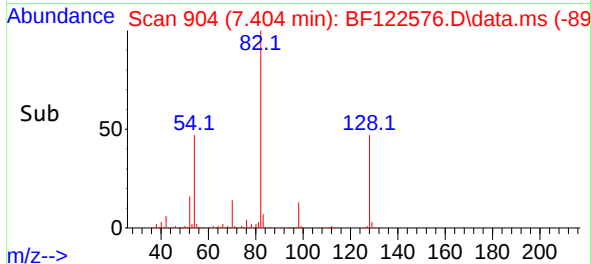
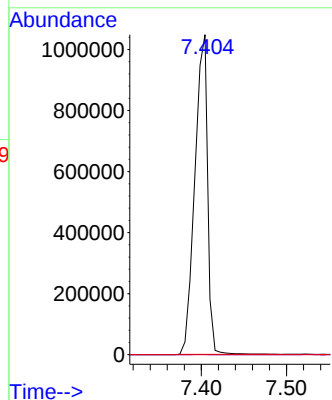
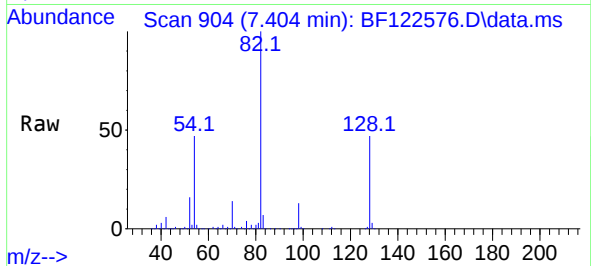




#25
Isophorone
Concen: 48.14 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

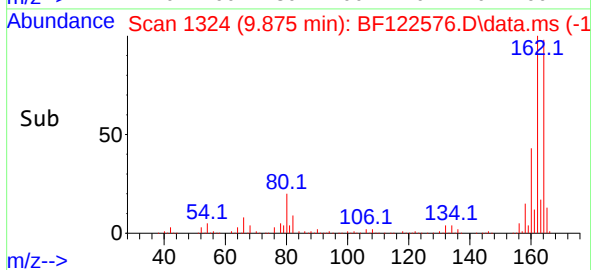
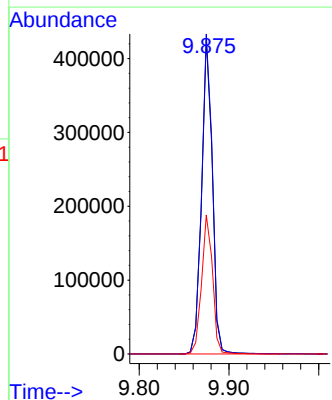
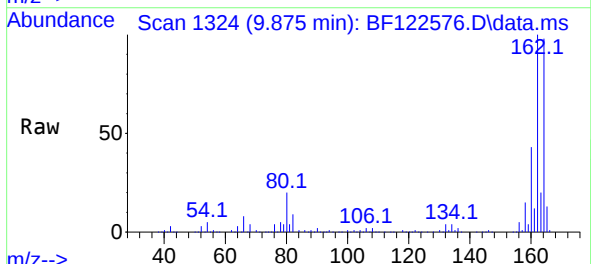
Instrument :
BNA_F
ClientSampleId :
MW-6

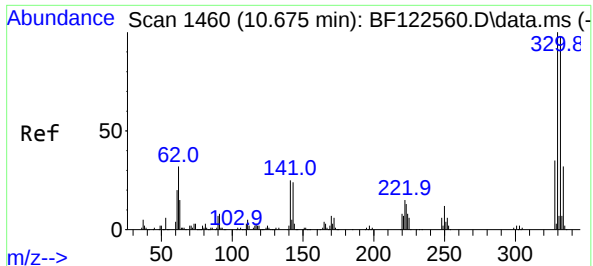
Tgt Ion: 82 Resp: 1087978
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

Tgt Ion: 164 Resp: 353619
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 44.2 35.4 53.0

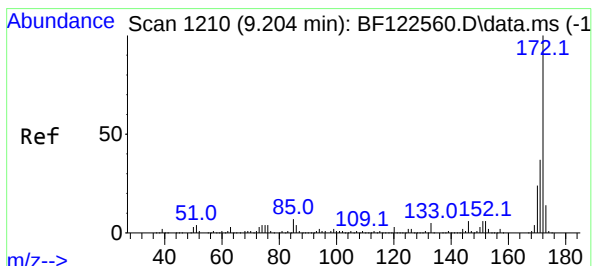
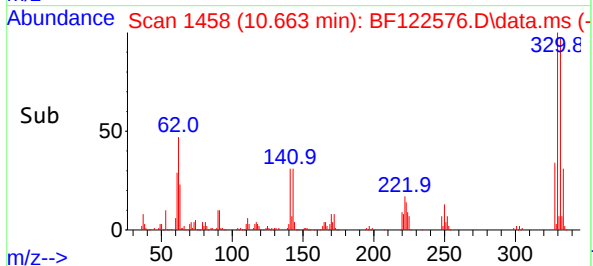
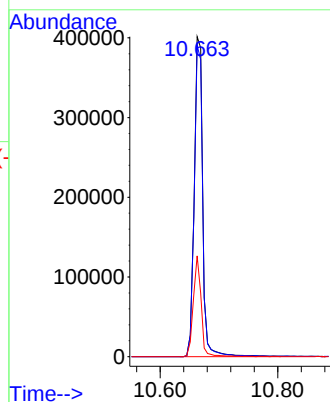
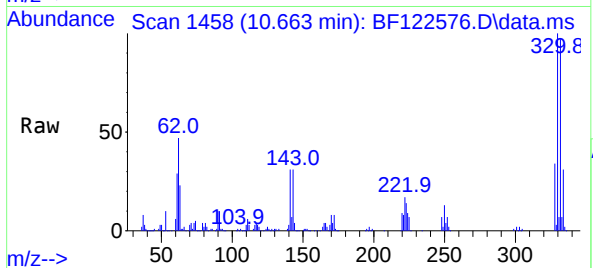




#42
2,4,6-Tribromophenol
Concen: 86.45 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

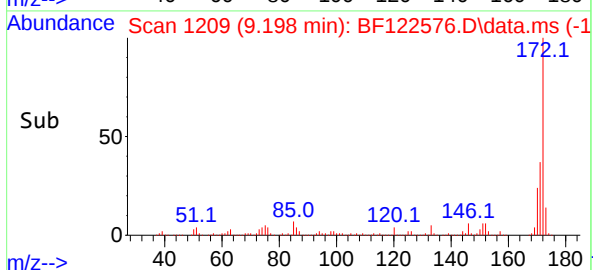
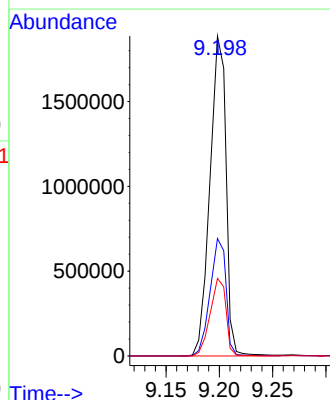
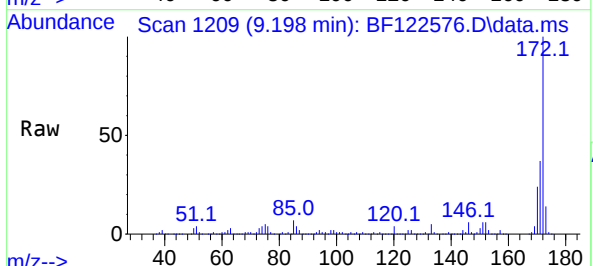
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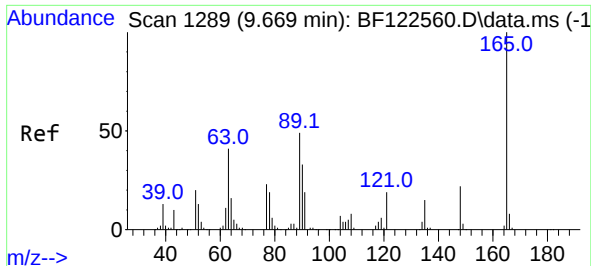
Tgt Ion: 330 Resp: 400143
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 29.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 76.03 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

Tgt Ion: 172 Resp: 1987867
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.3 19.5 29.3

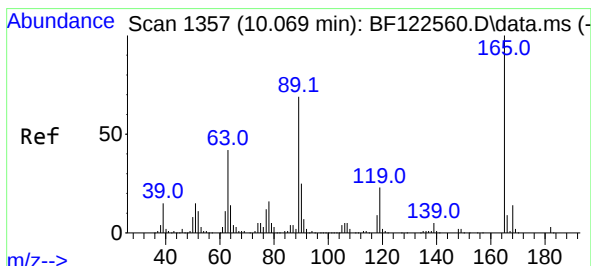
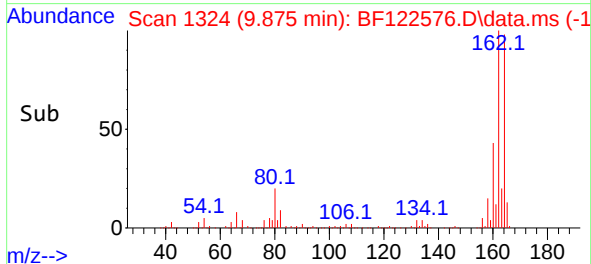
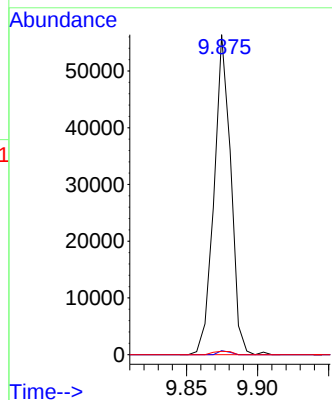
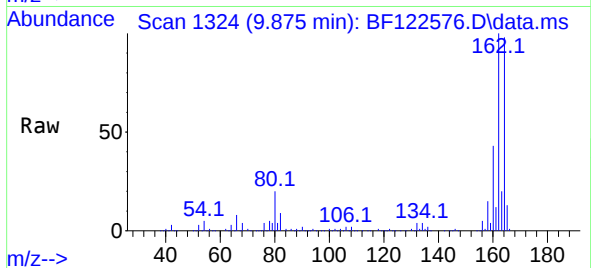




#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

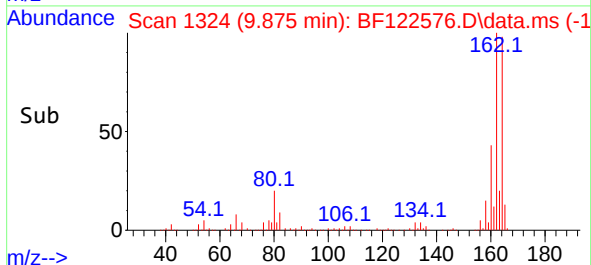
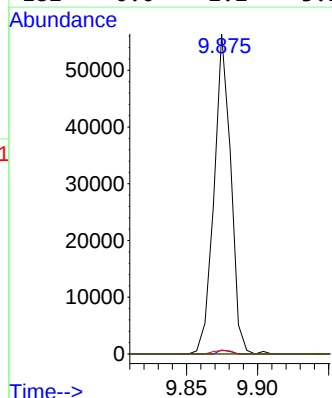
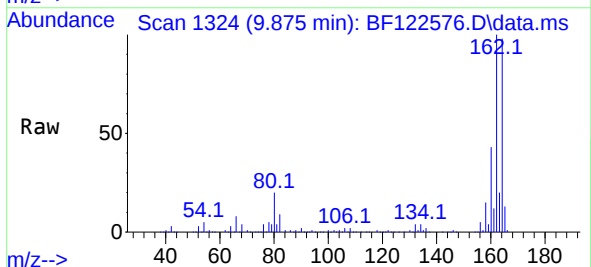
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ClientSampleId :
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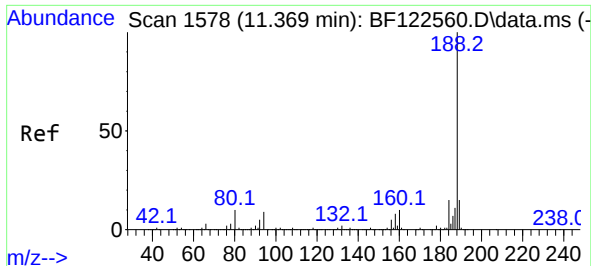
Tgt Ion:165 Resp: 46088
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

Tgt Ion:165 Resp: 46088
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#

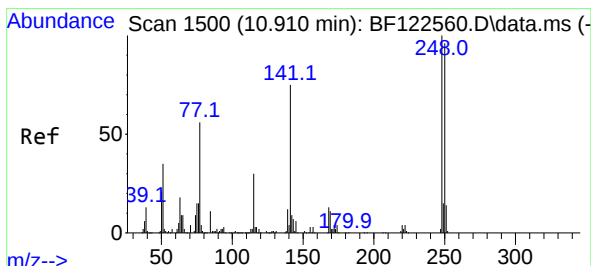
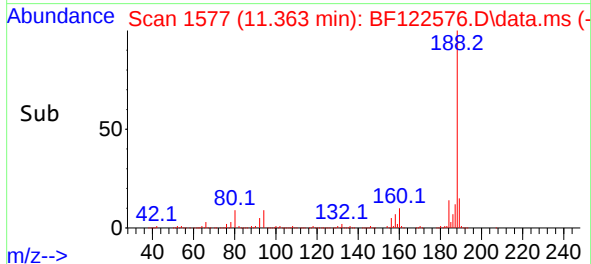
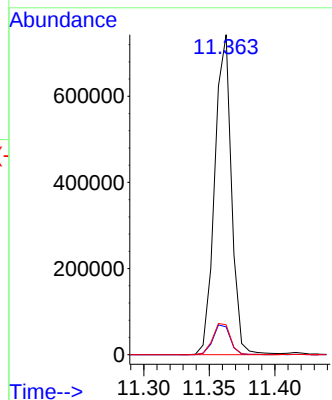
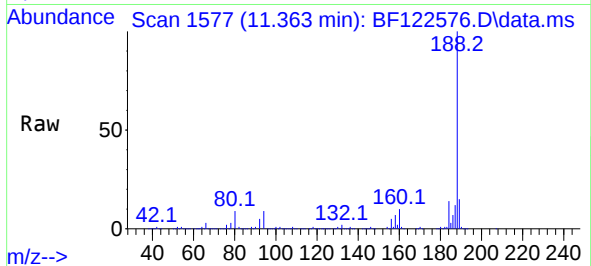




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

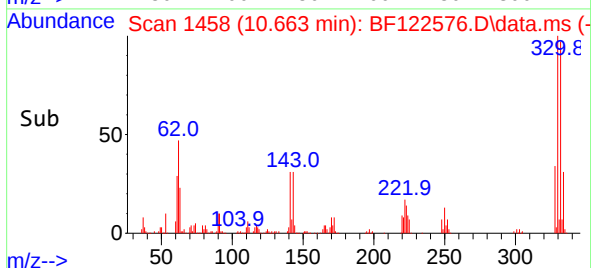
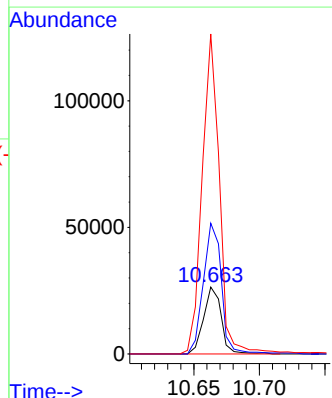
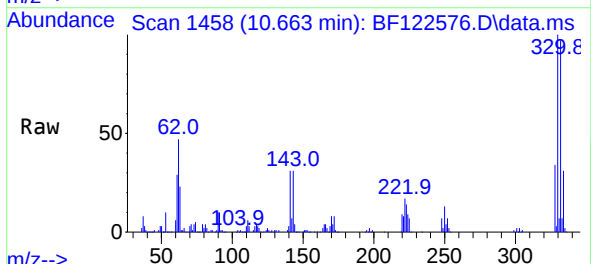
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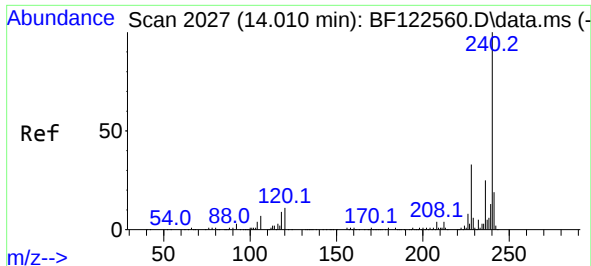
Tgt Ion:188 Resp: 660103
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.3 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

Tgt Ion:248 Resp: 24857
Ion Ratio Lower Upper
248 100
250 195.4 76.8 115.2#
141 478.3 59.8 89.8#

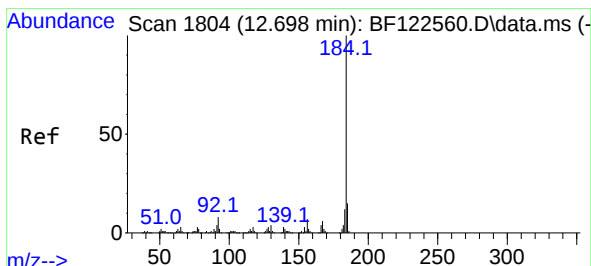
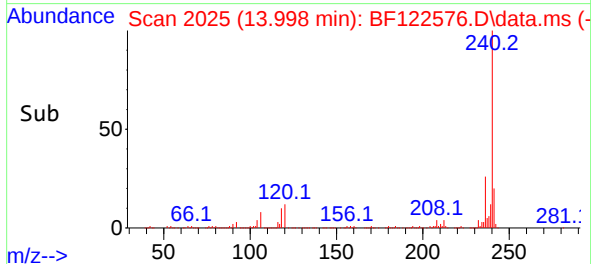
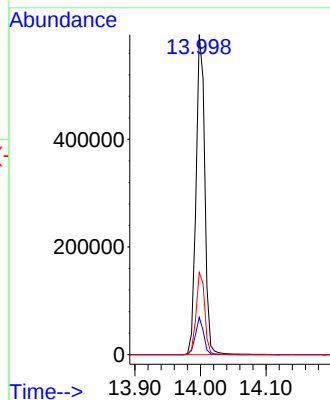
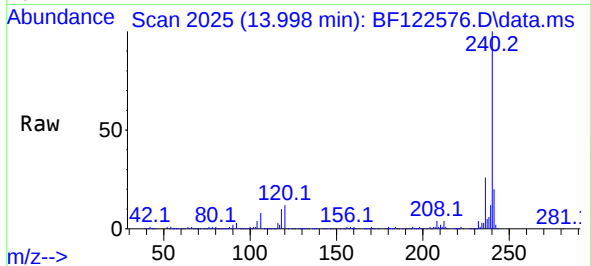




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

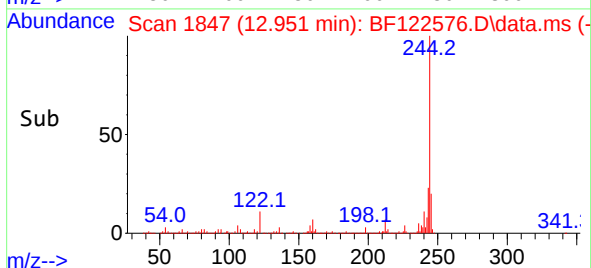
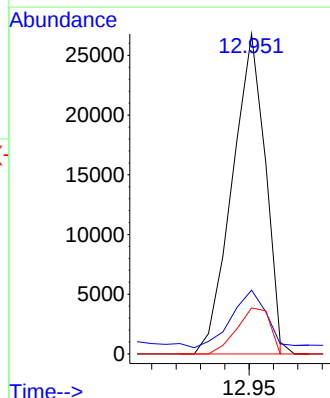
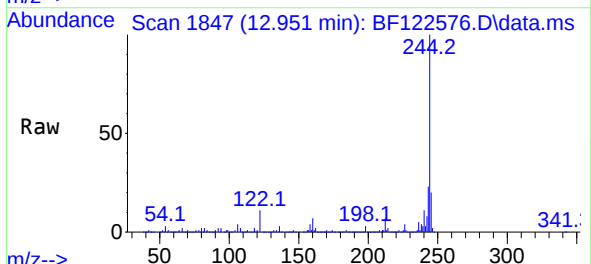
Instrument :
BNA_F
ClientSampleId :
MW-6

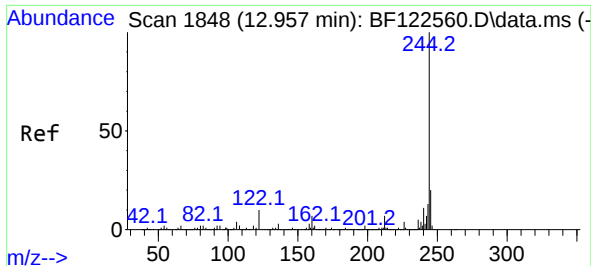
Tgt Ion:240 Resp: 553451
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.7 20.3 30.5



#77
Benzidine
Concen: 2.12 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

Tgt Ion:184 Resp: 25325
Ion Ratio Lower Upper
184 100
185 19.9 11.8 17.6#
183 14.4 9.7 14.5

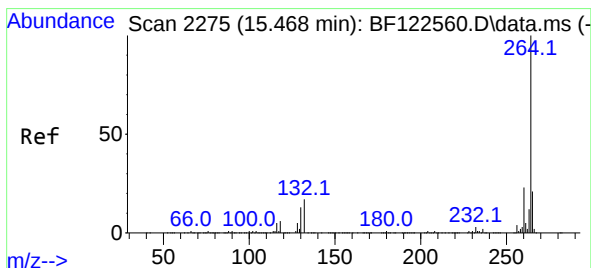
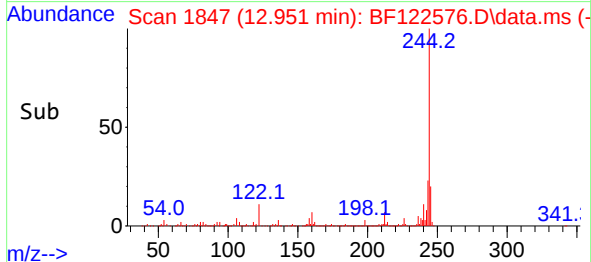
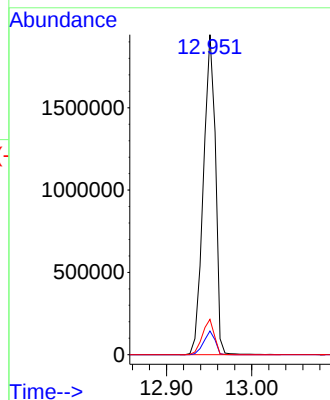
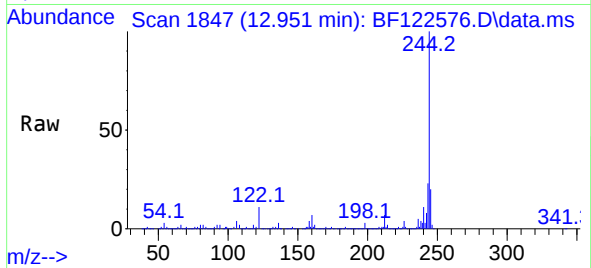




#79
Terphenyl-d14
Concen: 60.33 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122576.D
Acq: 7 Dec 2020 17:23

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:244 Resp: 1907546
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.0 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: BF122576.D
Acq: 7 Dec 2020 17:23

Tgt Ion:264 Resp: 435605
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.7 17.0 25.6

