

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101576.D
 Acq On : 20 Dec 2017 19:06
 Operator : SJ/JU
 Sample : I6981-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHMHA-WCS

Quant Time: Dec 21 04:05:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

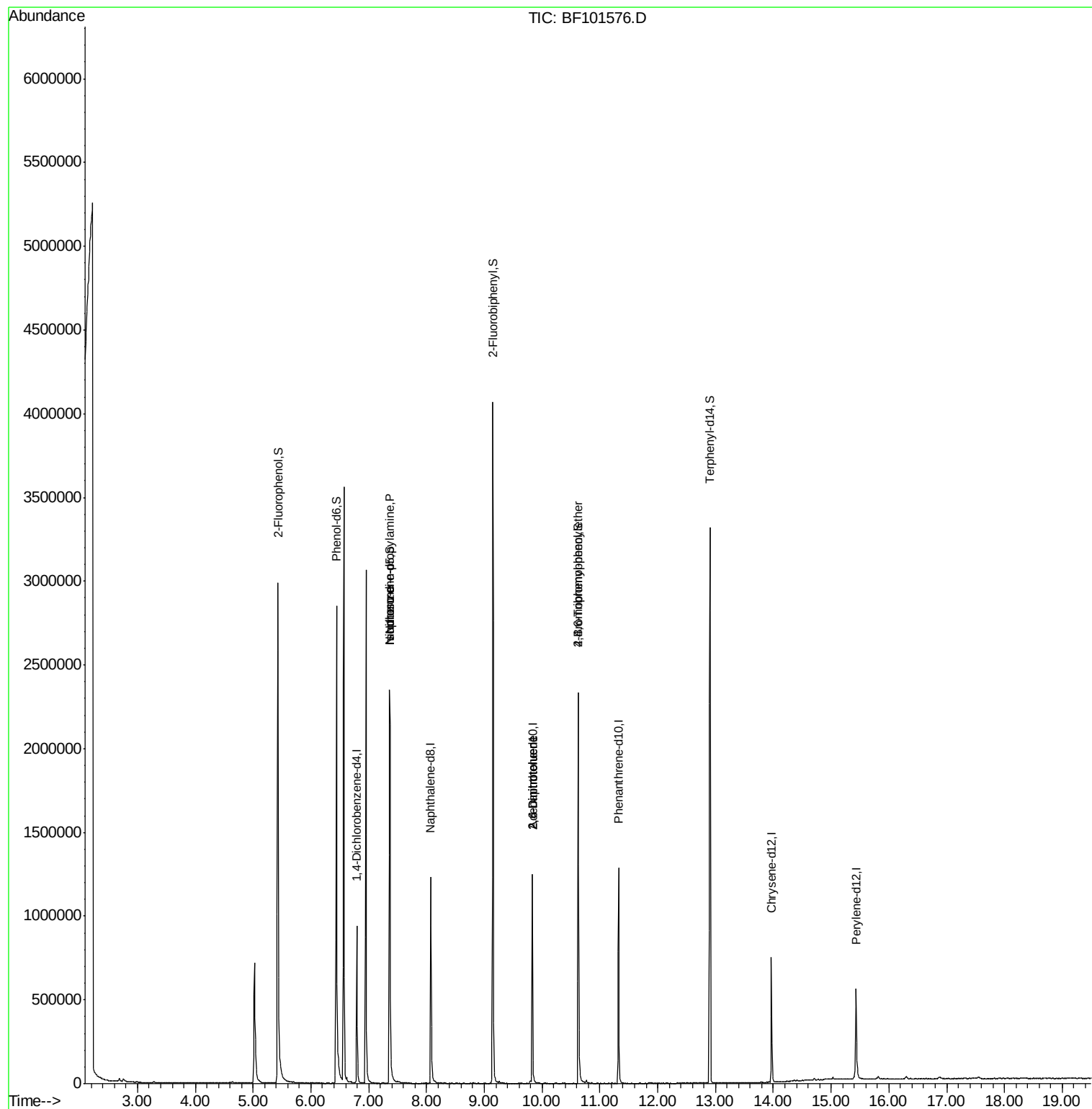
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147999	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	603934	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	260889	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	468288	20.00	ng	0.00
75) Chrysene-d12	13.97	240	282648	20.00	ng	0.00
86) Perylene-d12	15.43	264	282504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1058676	106.55	ng	0.02
7) Phenol-d6	6.44	99	1186251	95.93	ng	0.00
23) Nitrobenzene-d5	7.36	82	910141	83.89	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	308941	122.89	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1452322	86.35	ng	0.00
78) Terphenyl-d14	12.90	244	1270429	108.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	121709	14.988	ng	# 82
25) Isophorone	7.36	82	910141	41.818	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	33192	7.782	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	33192	6.907	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	19909	3.784	ng	# 1

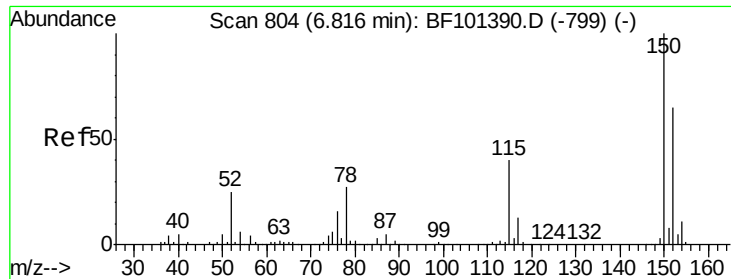
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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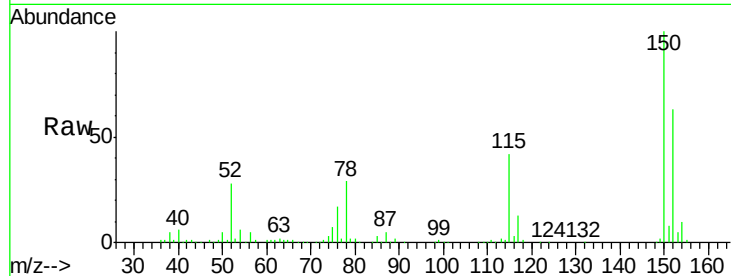




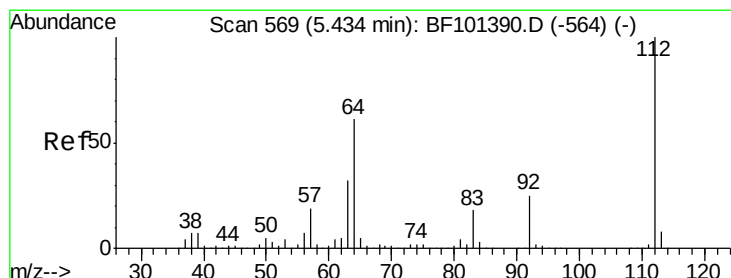
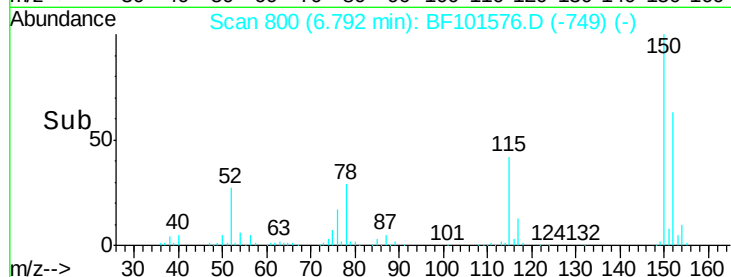
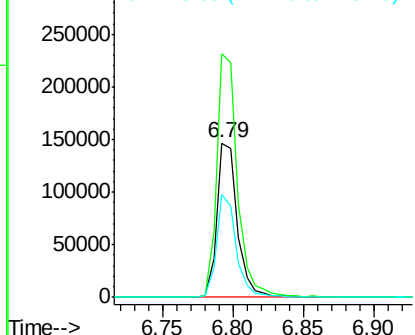
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :
 PHMHA-WCS

Tot Ion:152 Resp: 147999
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 66.2 50.1 75.1

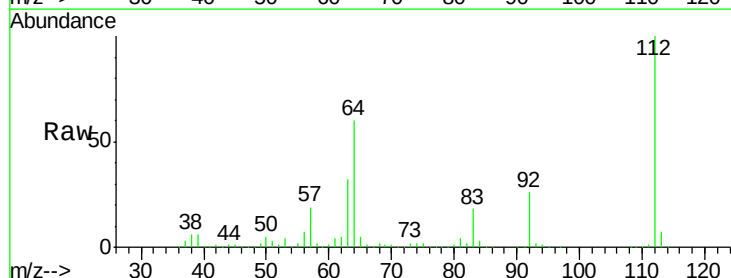


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

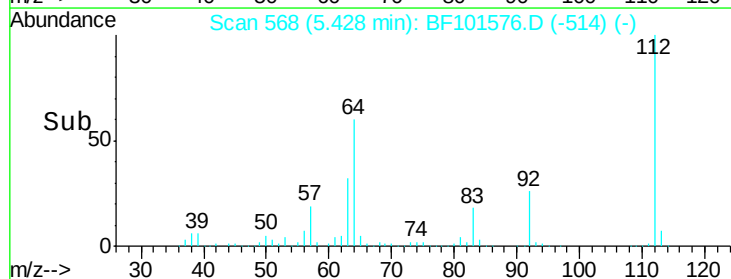
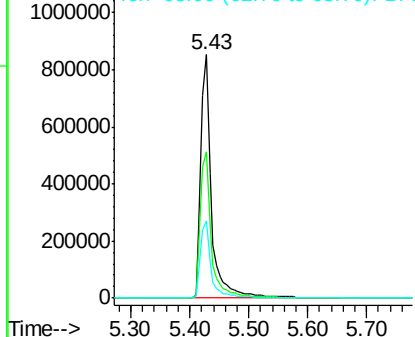


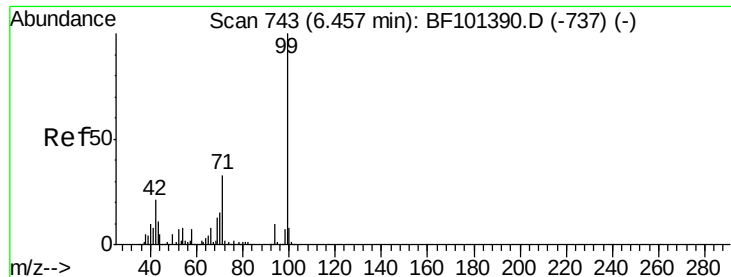
#5
 2-Fluorophenol
 Concen: 106.554 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

Tgt Ion:112 Resp: 1058676
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.934 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101576.D

Acq: 20 Dec 2017 19:06

Instrument :

BNA_F

ClientSampleId :

PHMHA-WCS

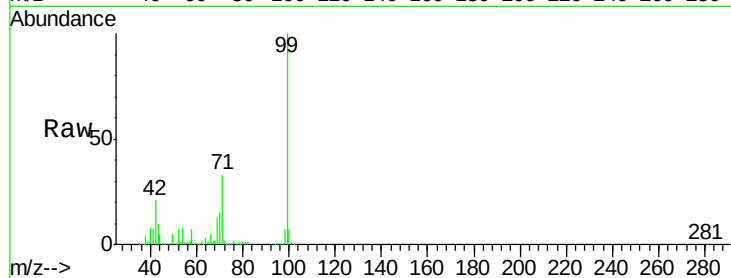
Tot Ion: 99 Resp: 1186251

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

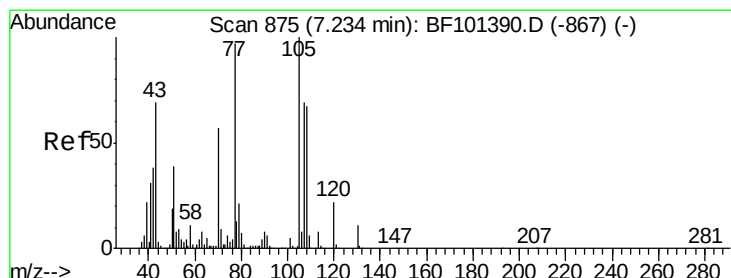
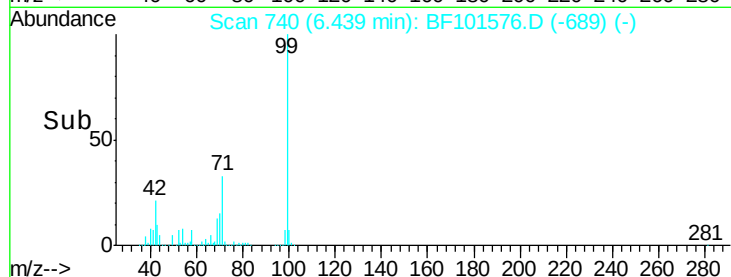
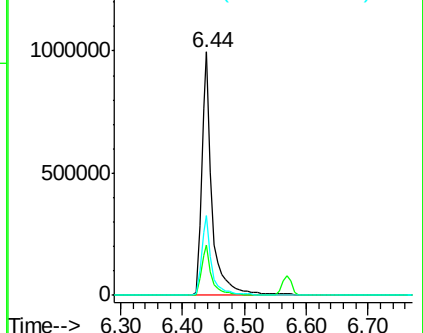
71 32.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.988 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF101576.D

Acq: 20 Dec 2017 19:06

Tgt Ion: 70 Resp: 121709

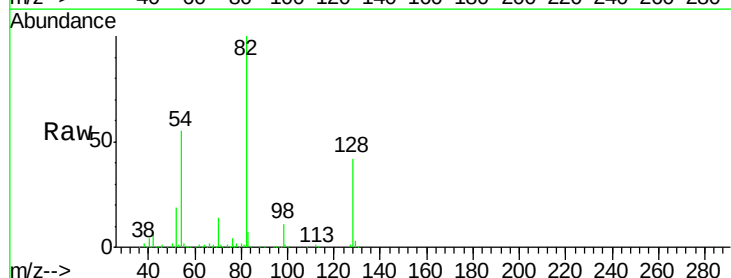
Ion Ratio Lower Upper

70 100

42 52.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

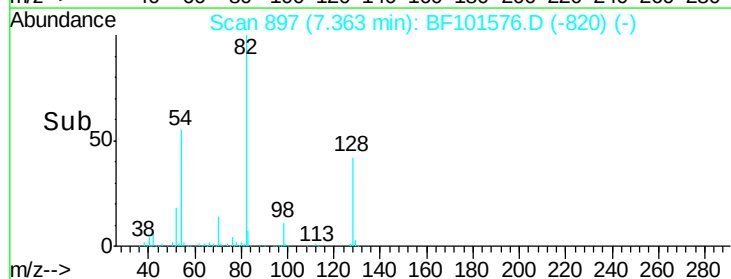
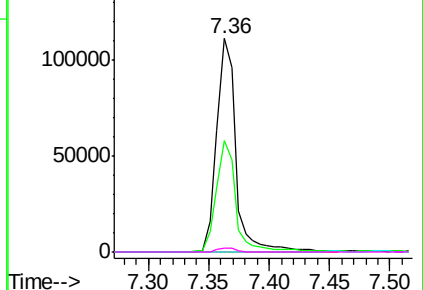


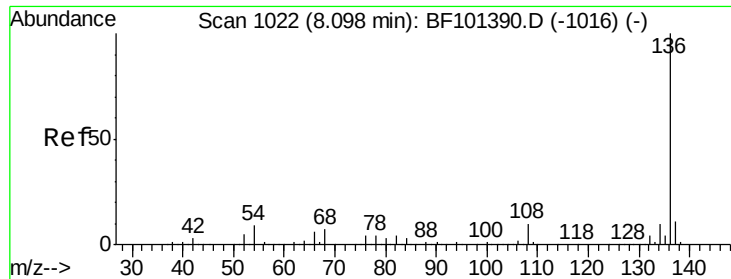
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

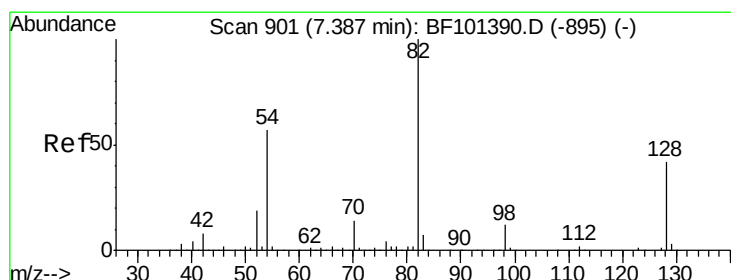
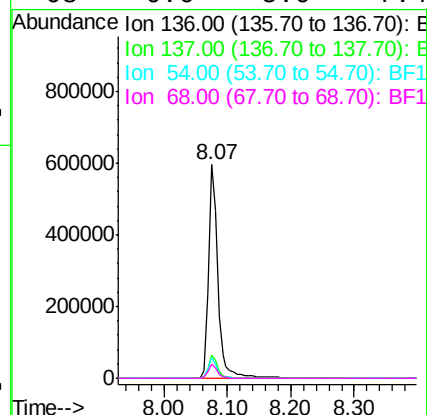
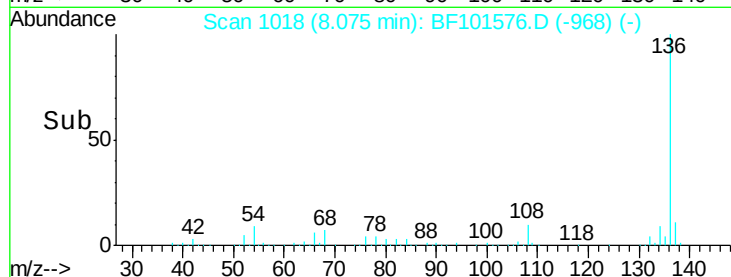
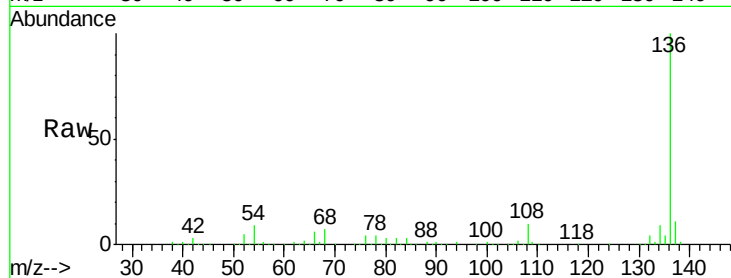




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101576.D
Acq: 20 Dec 2017 19:06

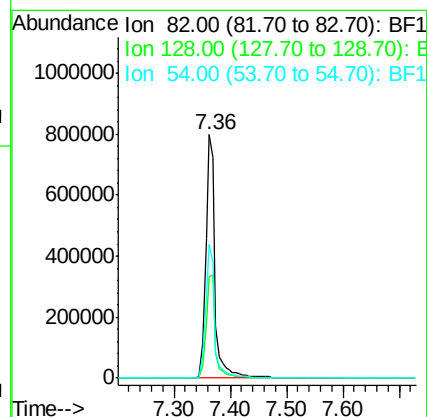
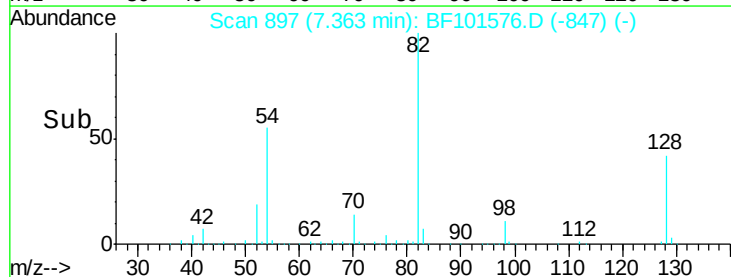
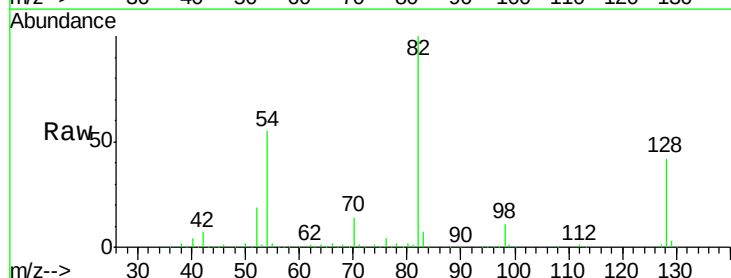
Instrument :
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ClientSampleId :
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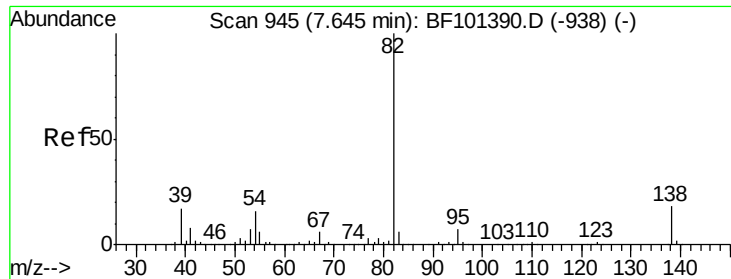
Tot Ion:136	Resp:	603934
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	9.4	6.6 9.8
68	6.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 83.889 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101576.D
Acq: 20 Dec 2017 19:06

Tgt Ion: 82	Resp:	910141
Ion Ratio	Lower	Upper
82	100	
128	41.6	36.1 54.1
54	55.0	41.4 62.2





#25

Isophorone

Concen: 41.818 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF101576.D

Acq: 20 Dec 2017 19:06

Instrument :

BNA_F

ClientSampleId :

PHMHA-WCS

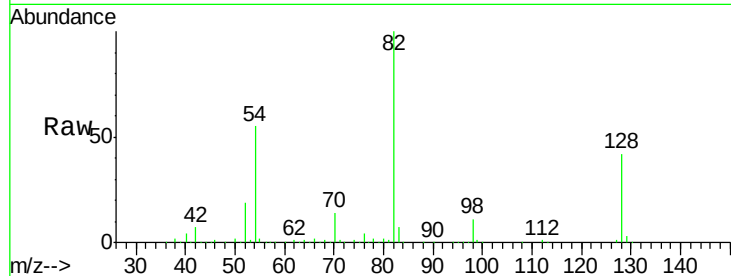
Tot Ion: 82 Resp: 910141

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

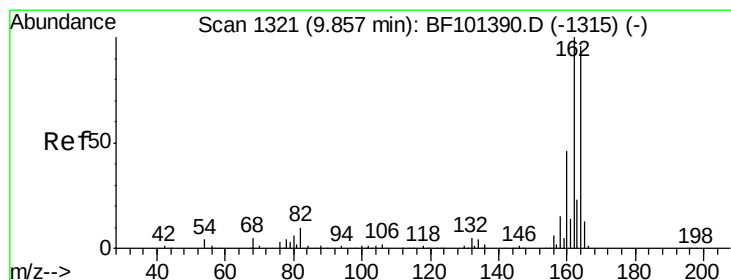
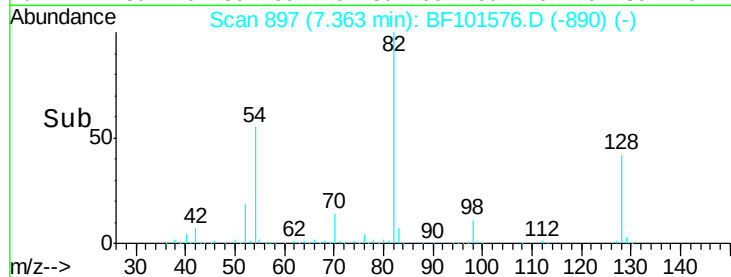
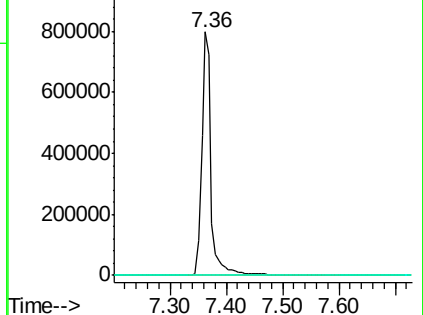
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF101576.D

Acq: 20 Dec 2017 19:06

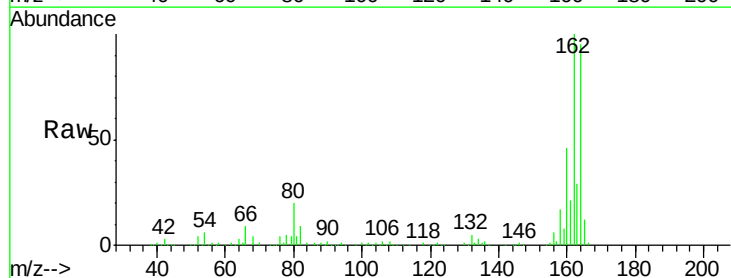
Tgt Ion:164 Resp: 260889

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

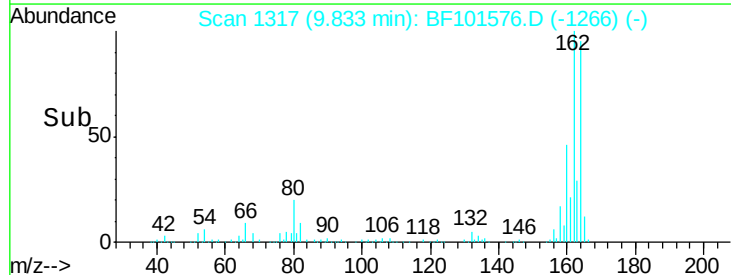
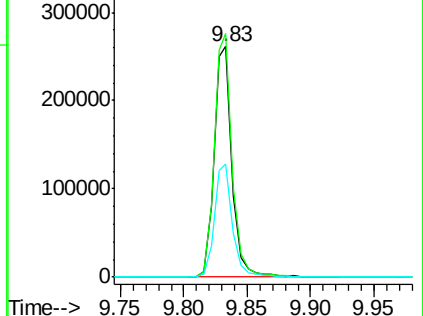
160 48.9 38.3 57.5

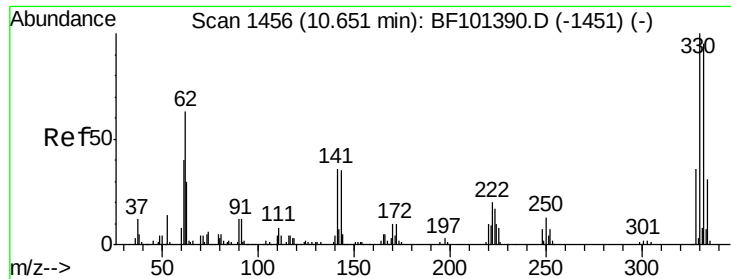


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

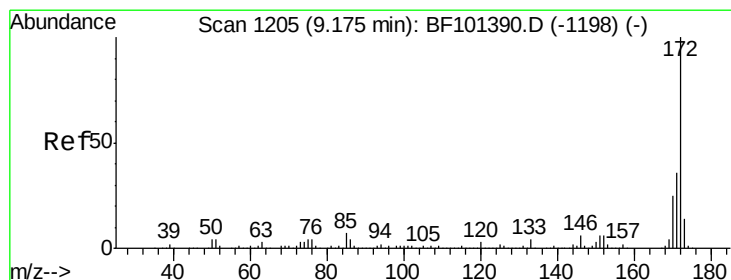
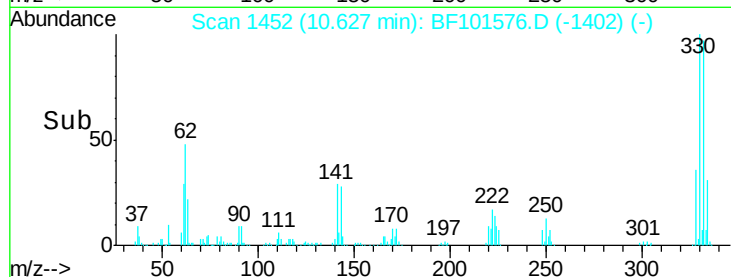
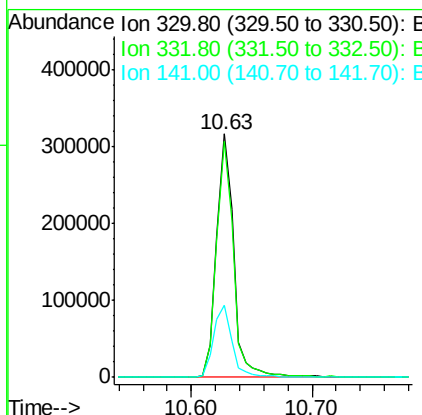
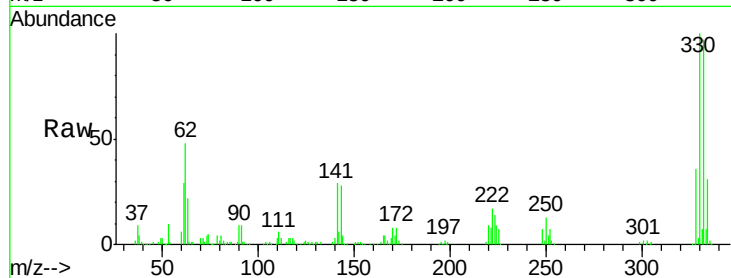




#41
 2,4,6-Tribromophenol
 Concen: 122.895 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

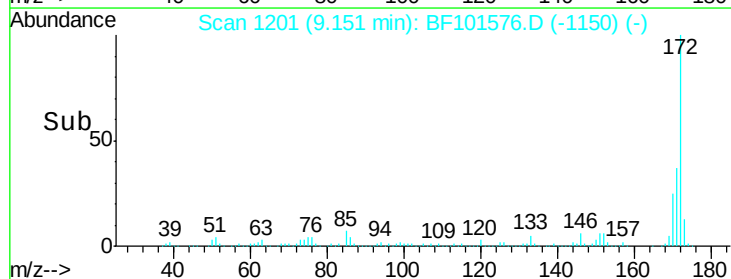
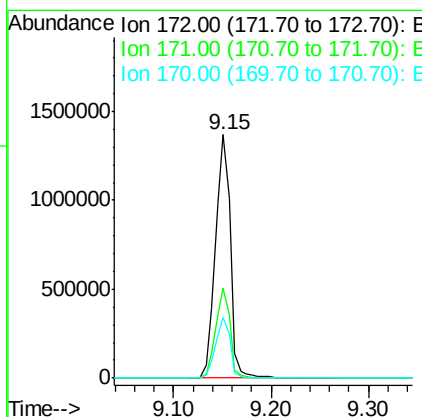
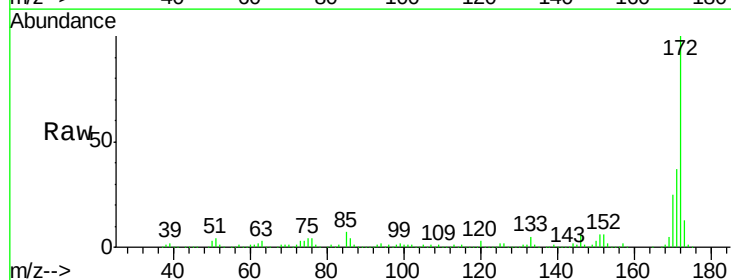
Instrument :
 BNA_F
 ClientSampleId :
 PHMHA-WCS

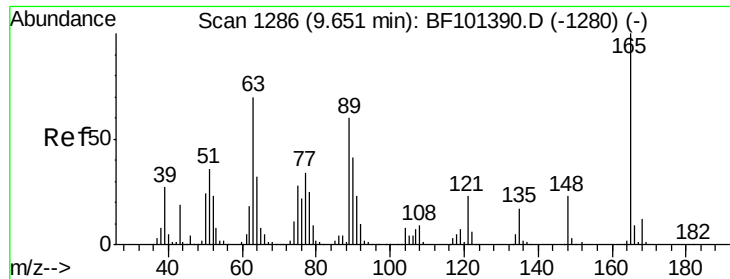
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 86.355 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	19.6	29.4

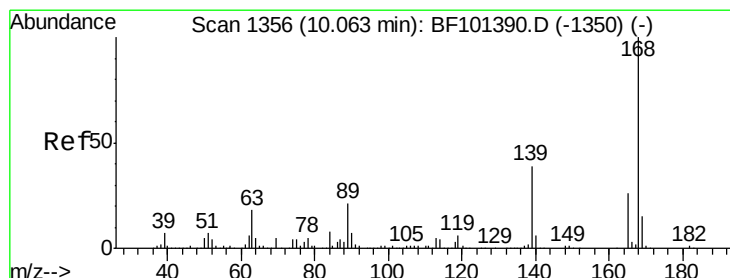
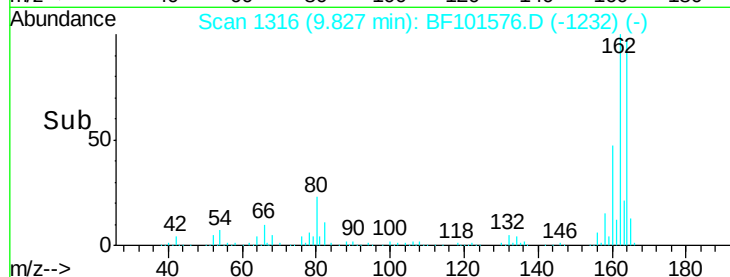
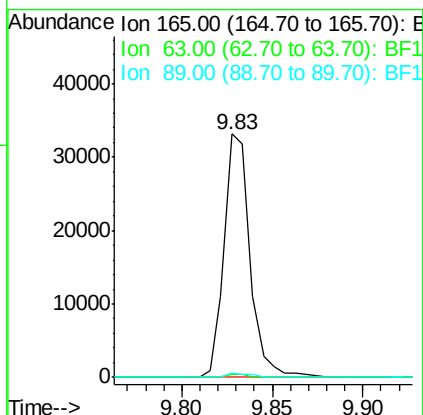
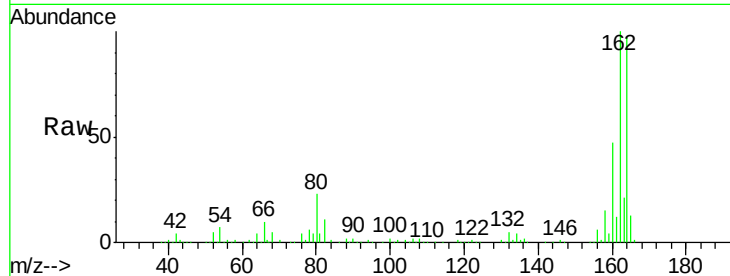




#50
 2,6-Dinitrotoluene
 Concen: 7.782 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

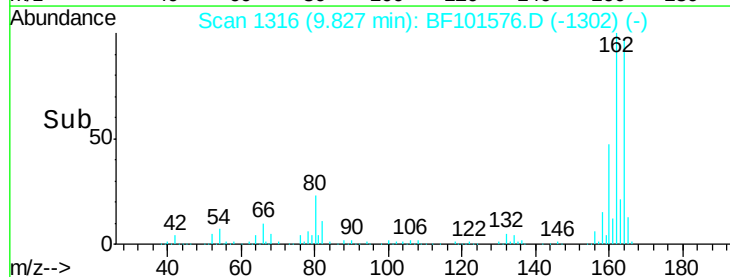
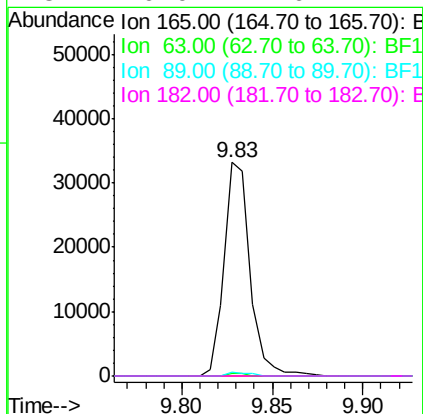
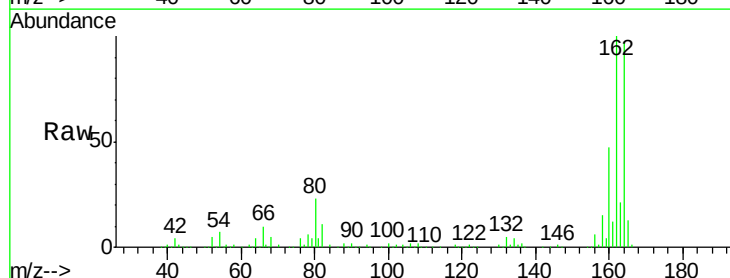
Instrument :
 BNA_F
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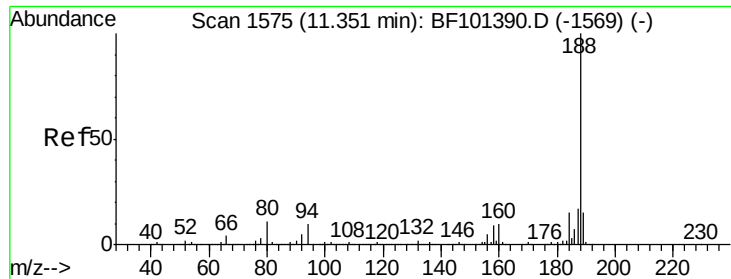
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.907 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

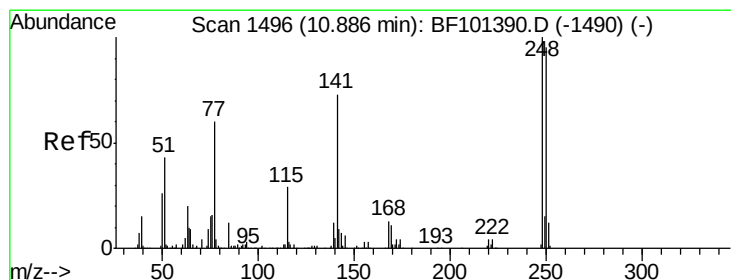
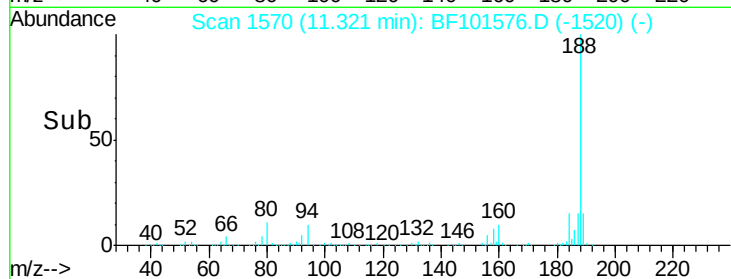
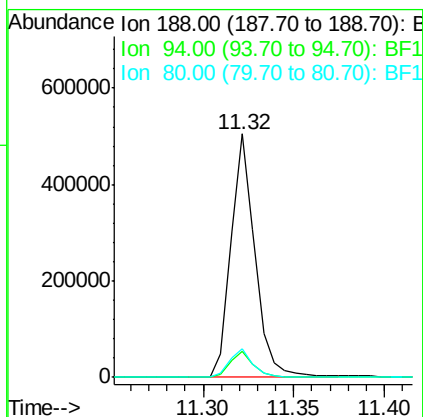
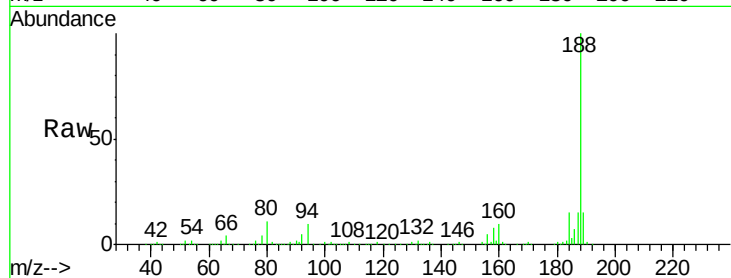




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

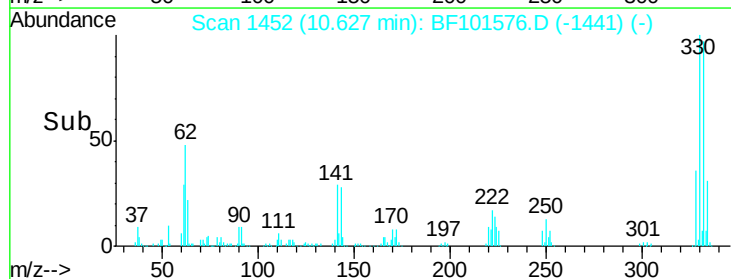
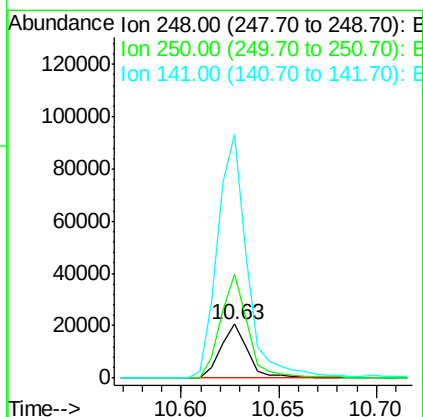
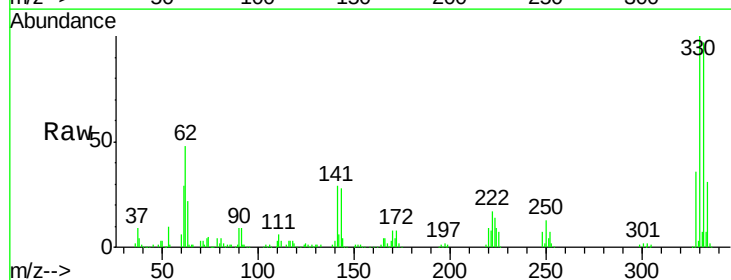
Instrument :
 BNA_F
 ClientSampleId :
 PHMHA-WCS

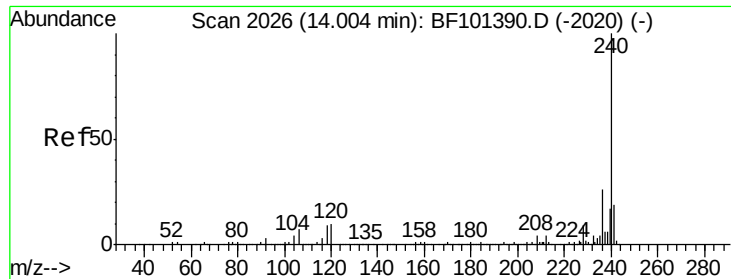
Tot Ion:188 Resp: 468288
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.5 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.784 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

Tgt Ion:248 Resp: 19909
 Ion Ratio Lower Upper
 248 100
 250 191.7 76.9 115.3#
 141 450.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101576.D

Acq: 20 Dec 2017 19:06

Instrument :

BNA_F

ClientSampleId :

PHMHA-WCS

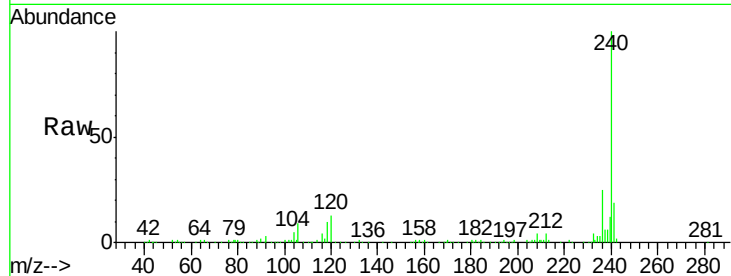
Tot Ion:240 Resp: 282648

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

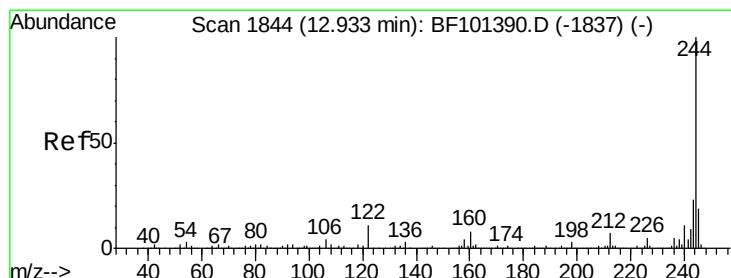
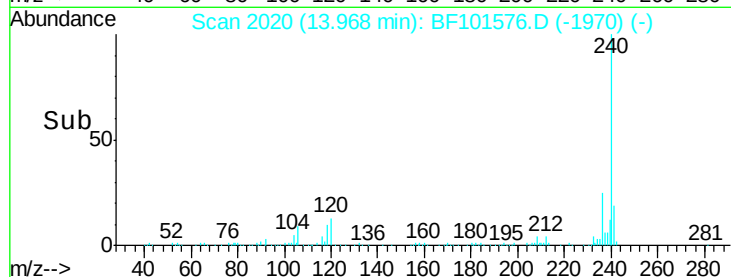
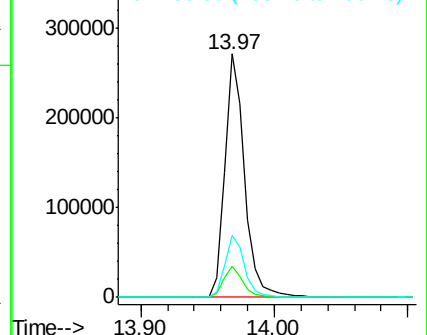
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 108.358 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101576.D

Acq: 20 Dec 2017 19:06

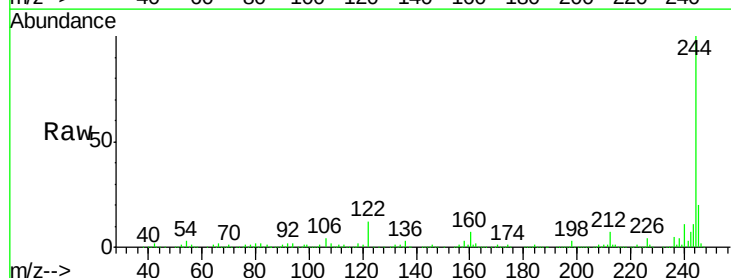
Tgt Ion:244 Resp: 1270429

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

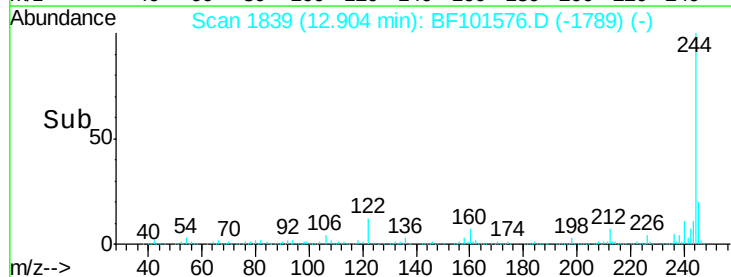
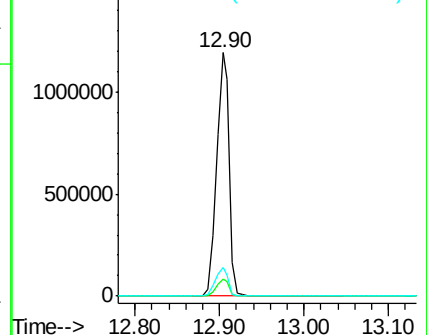
122 11.9 11.0 16.4

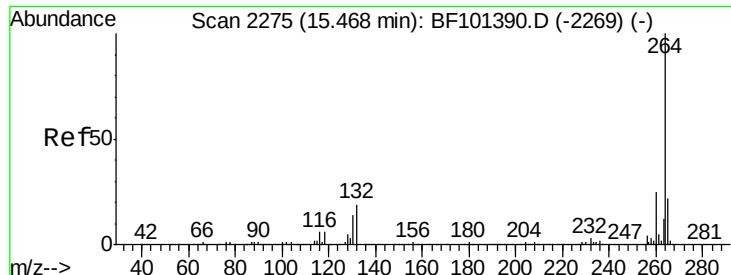


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

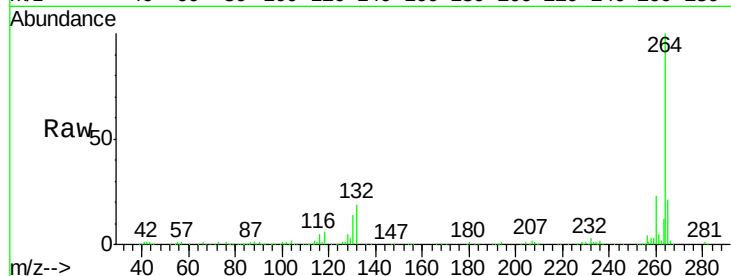




#86
Pervlone-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101576.D
Acq: 20 Dec 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PHMHA-WCS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

