

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098288.D
 Acq On : 6 Sep 2017 22:30
 Operator : SJ/JU
 Sample : I5092-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090117

Quant Time: Sep 07 03:40:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

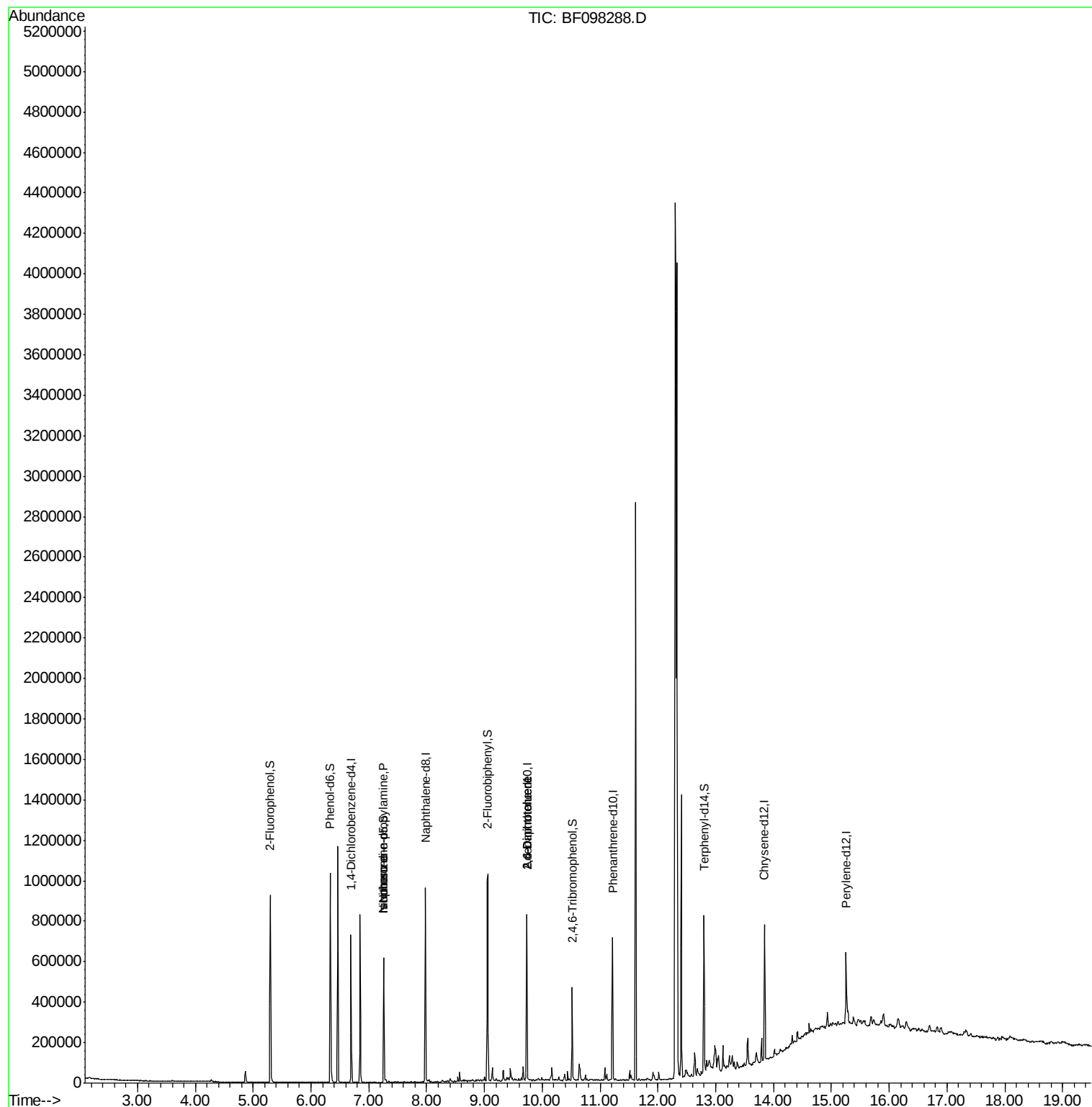
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	105282	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	401534	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	156517	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	256408	20.00	ng	0.00
75) Chrysene-d12	13.84	240	226929	20.00	ng	-0.02
86) Perylene-d12	15.26	264	155945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	274124	39.60	ng	-0.01
7) Phenol-d6	6.33	99	366366	38.96	ng	-0.02
23) Nitrobenzene-d5	7.26	82	203716	27.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	45367	33.41	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	317740	29.83	ng	-0.01
78) Terphenyl-d14	12.80	244	205987	18.93	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	27418	4.26	ng	# 71
25) Isophorone	7.26	82	199123	12.96	ng	# 67
50) 2,6-Dinitrotoluene	9.73	165	20366	8.92	ng	# 33
56) 2,4-Dinitrotoluene	9.73	165	20366	7.11	ng	# 33

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

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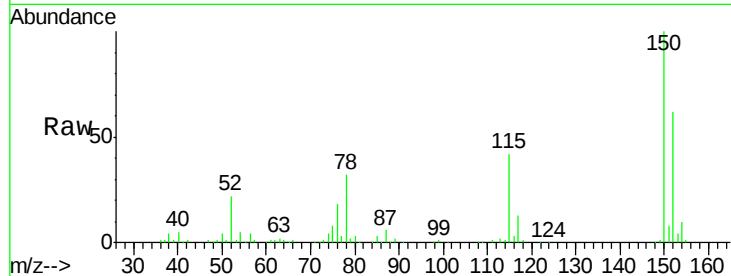


#1

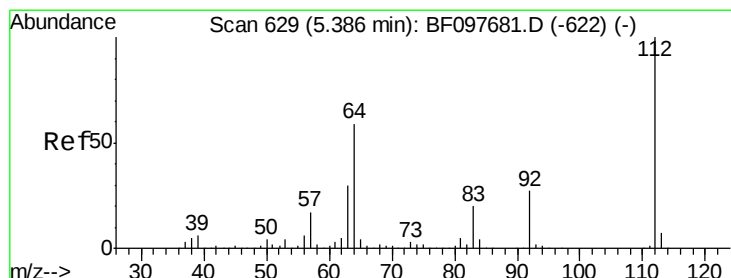
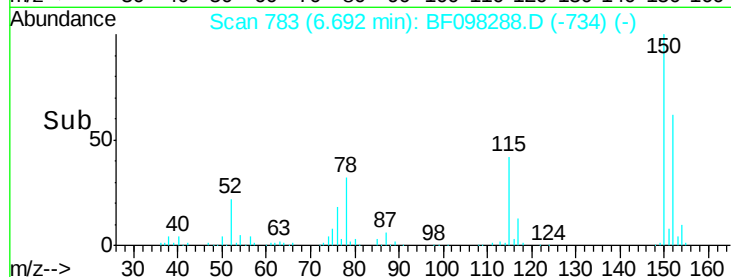
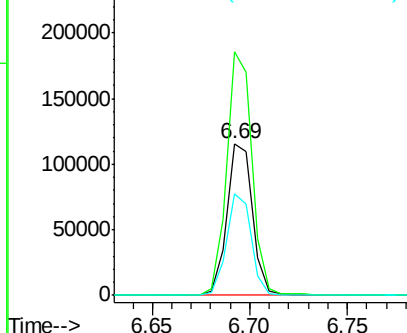
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098288.D
Acq: 6 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
BU-02-090117

Tot Ion:152 Resp: 105282
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 67.1 52.2 78.2



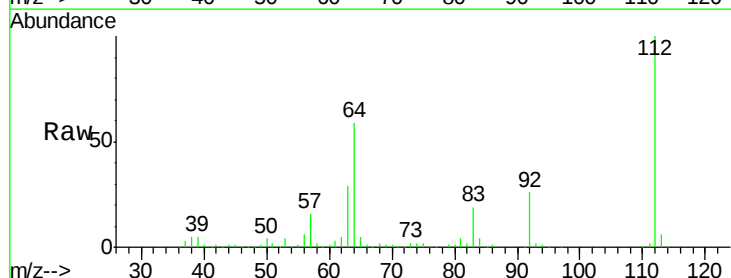
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



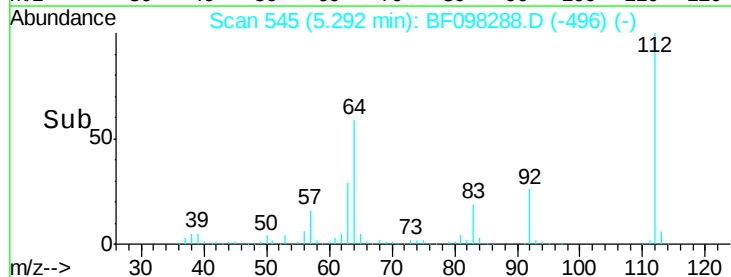
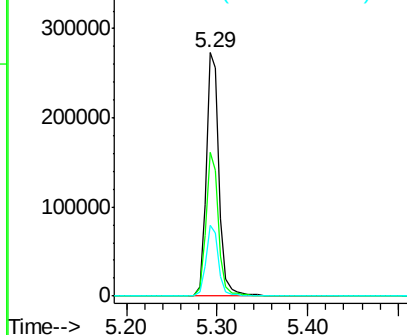
#5

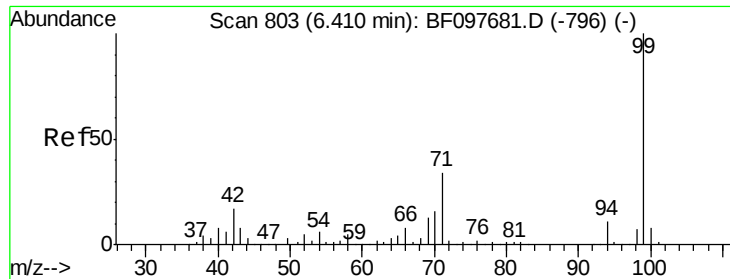
2-Fluorophenol
Concen: 39.60 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098288.D
Acq: 6 Sep 2017 22:30

Tgt Ion:112 Resp: 274124
Ion Ratio Lower Upper
112 100
64 59.3 46.0 69.0
63 29.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.96 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098288.D

Acq: 6 Sep 2017 22:30

Instrument :

BNA_F

ClientSampleId :

BU-02-090117

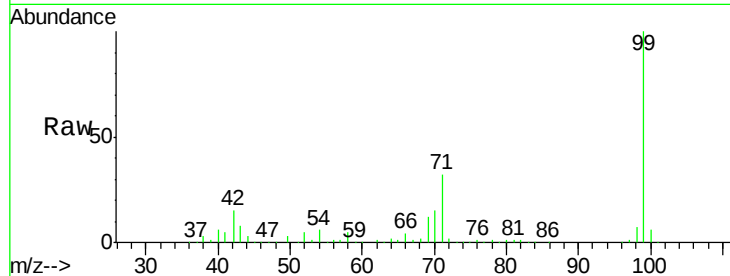
Tot Ion: 99 Resp: 366366

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

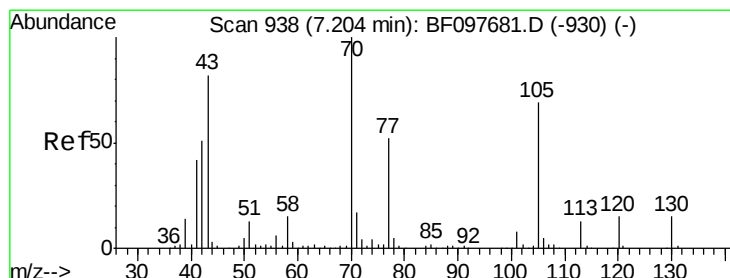
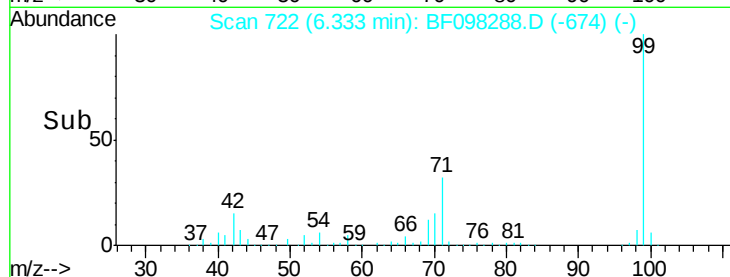
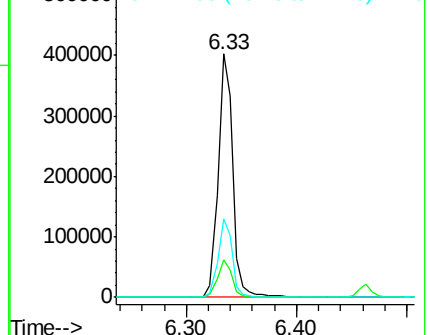
71 32.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 4.26 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF098288.D

Acq: 6 Sep 2017 22:30

Tgt Ion: 70 Resp: 27418

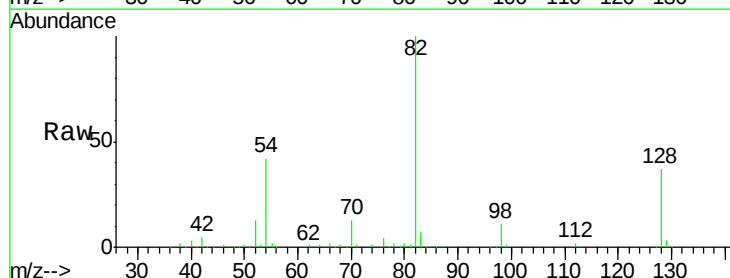
Ion Ratio Lower Upper

70 100

42 38.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

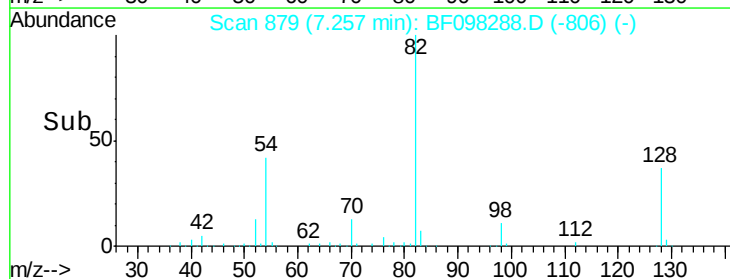
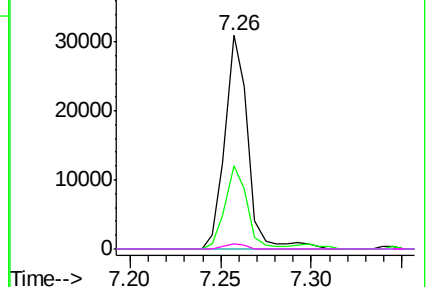


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098288.D

Acq: 6 Sep 2017 22:30

Instrument :

BNA_F

ClientSampleId :

BU-02-090117

Tot Ion:136 Resp: 401534

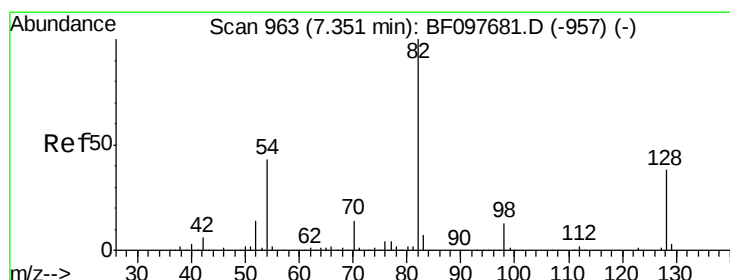
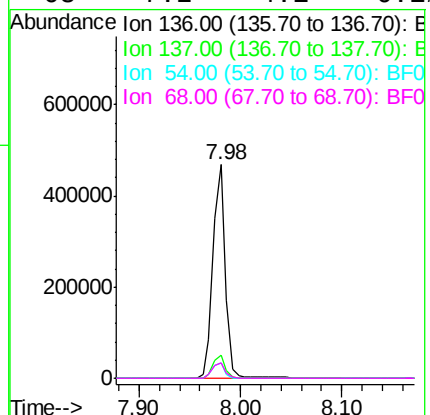
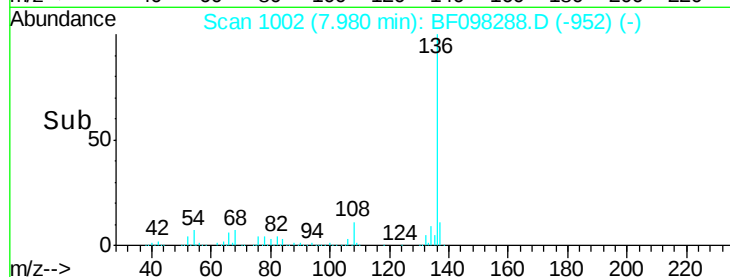
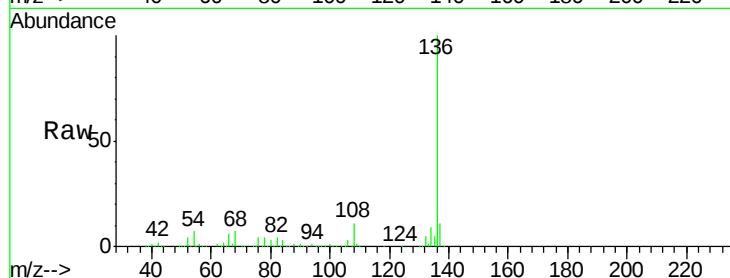
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.2 4.9 7.3

68 7.2 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 27.56 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF098288.D

Acq: 6 Sep 2017 22:30

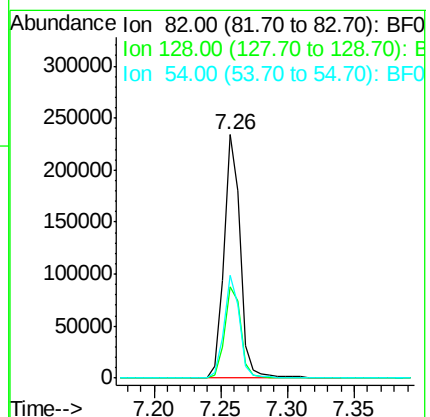
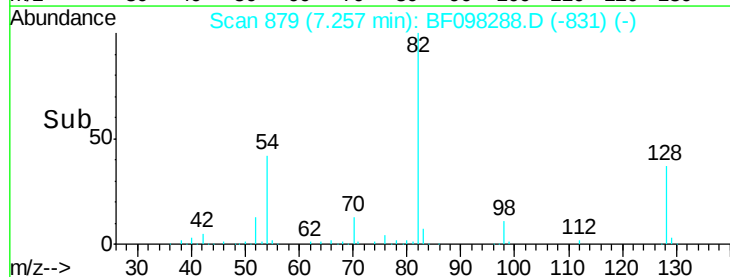
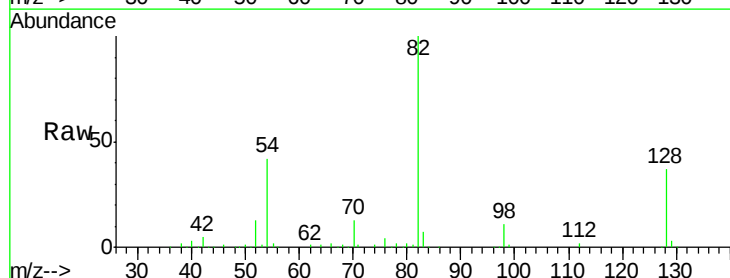
Tgt Ion: 82 Resp: 203716

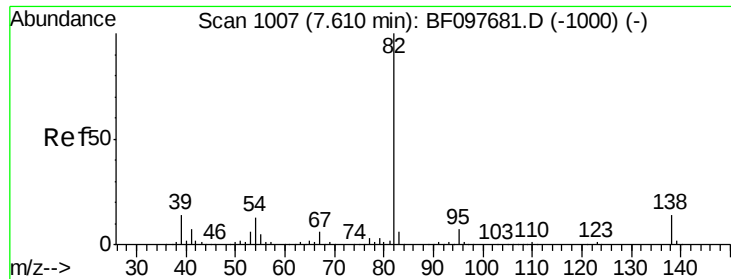
Ion Ratio Lower Upper

82 100

128 37.4 34.0 51.0

54 42.2 42.2 63.2

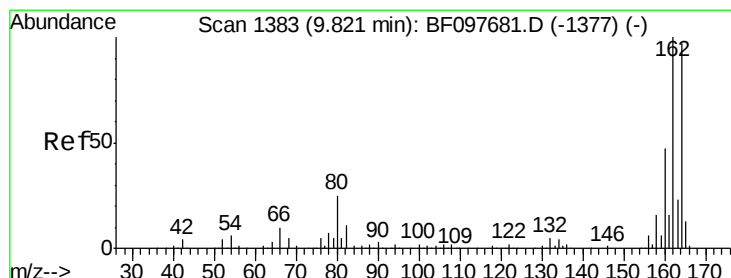
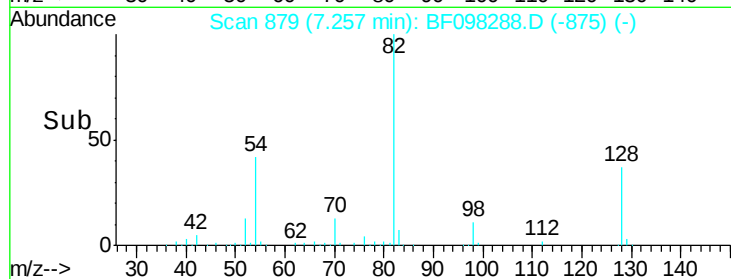
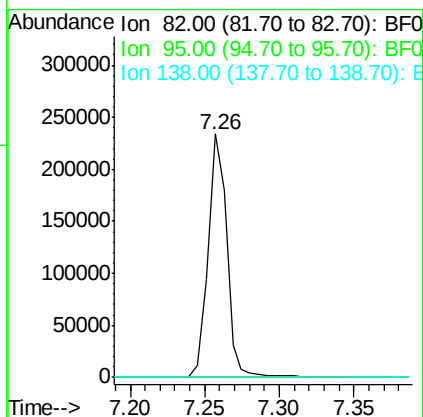
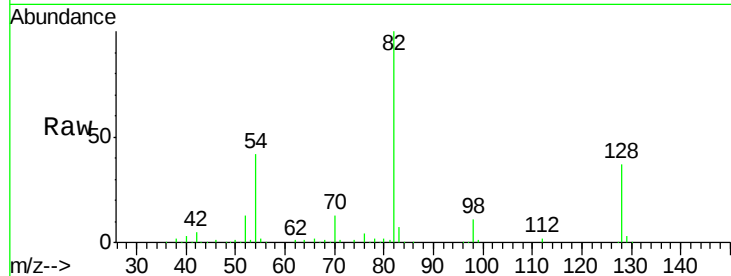




#25
Isophorone
Concen: 12.96 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF098288.D
Acq: 6 Sep 2017 22:30

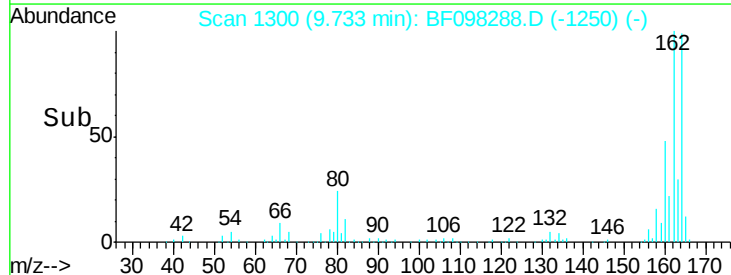
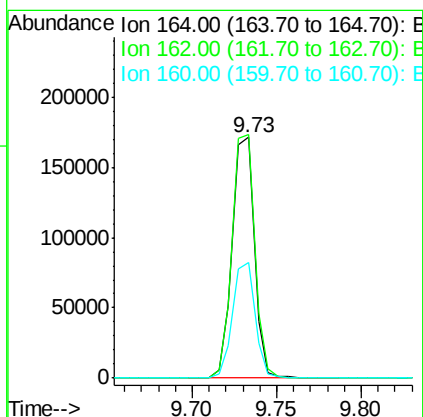
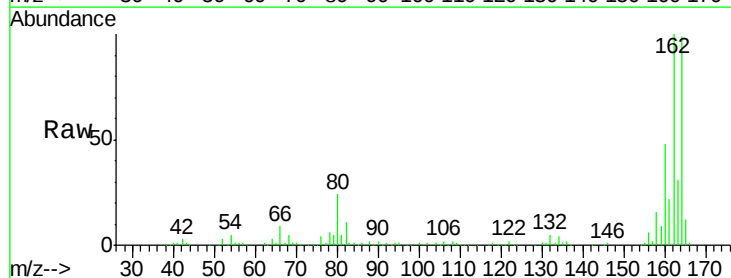
Instrument :
BNA_F
ClientSampleId :
BU-02-090117

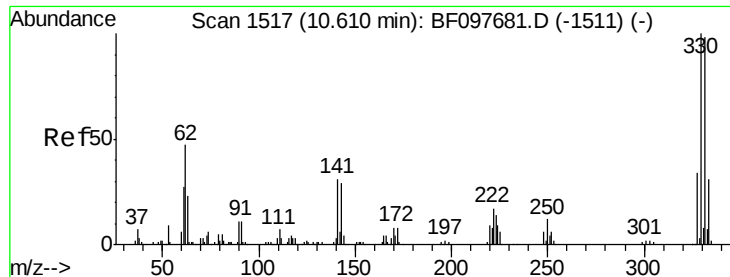
Tot Ion: 82 Resp: 199123
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098288.D
Acq: 6 Sep 2017 22:30

Tgt Ion: 164 Resp: 156517
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 48.3 36.2 54.2

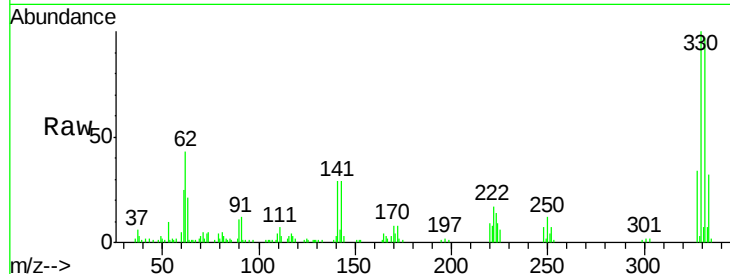




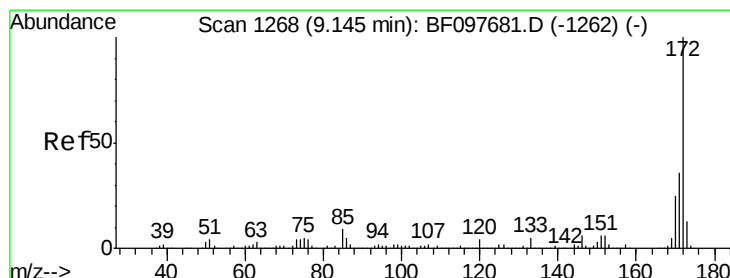
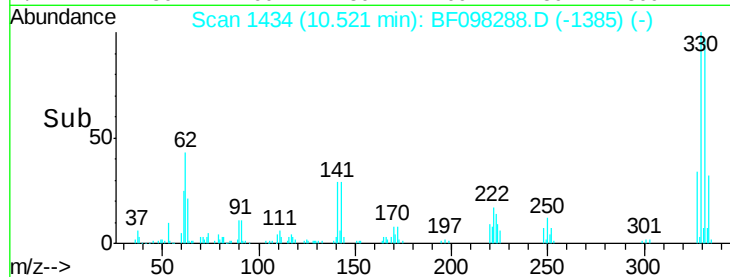
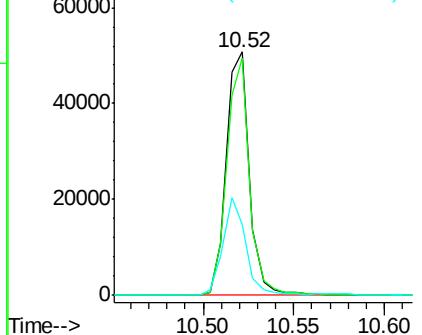
#41
 2,4,6-Tribromophenol
 Concen: 33.41 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098288.D
 Acq: 6 Sep 2017 22:30

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090117

Tot Ion:330 Resp: 45367
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 39.4 31.4 47.2

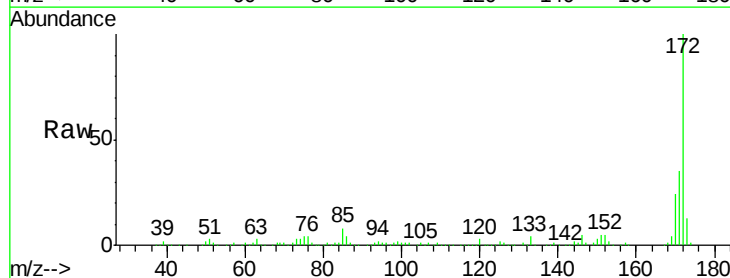


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

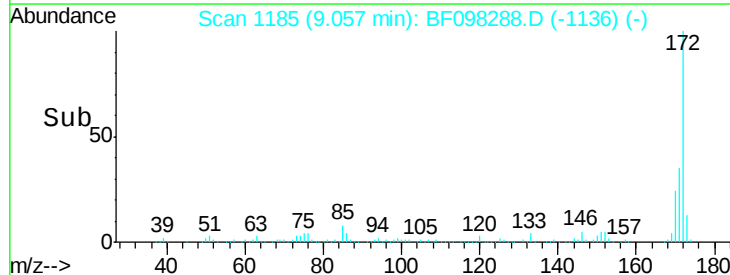
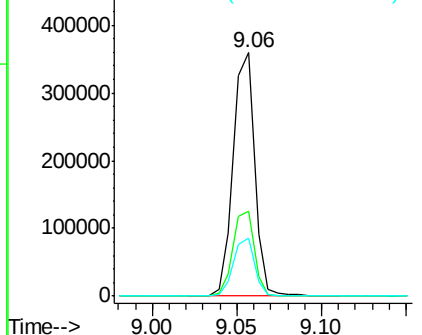


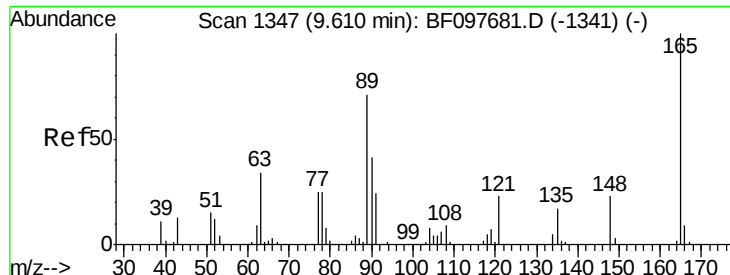
#44
 2-Fluorobiphenyl
 Concen: 29.83 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098288.D
 Acq: 6 Sep 2017 22:30

Tgt Ion:172 Resp: 317740
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 23.6 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

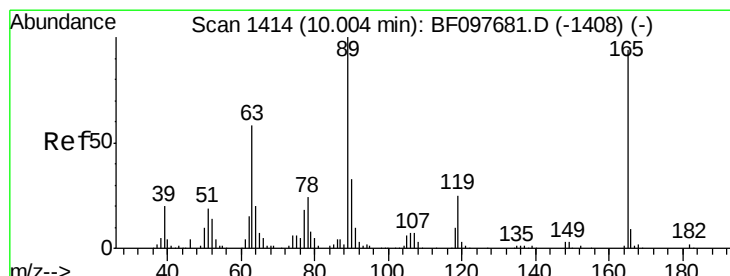
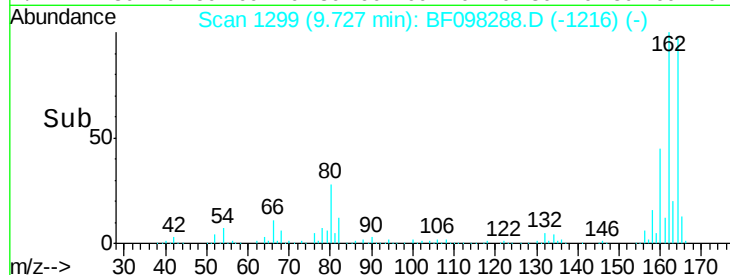
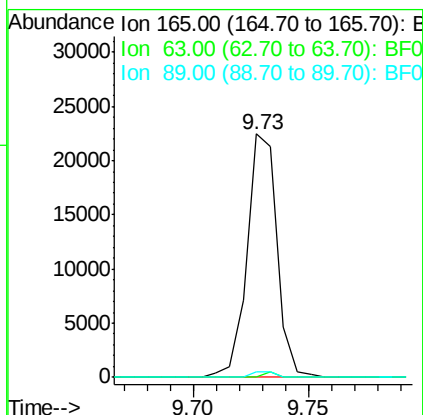
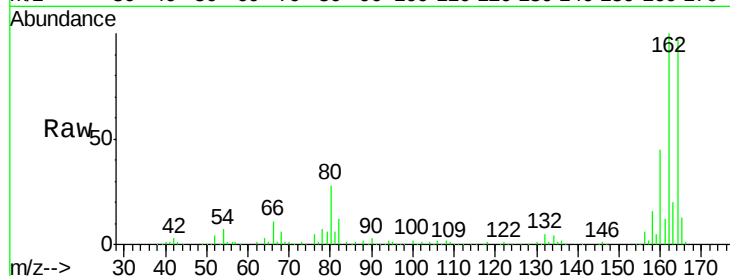




#50
 2,6-Dinitrotoluene
 Concen: 8.92 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF098288.D
 Acq: 6 Sep 2017 22:30

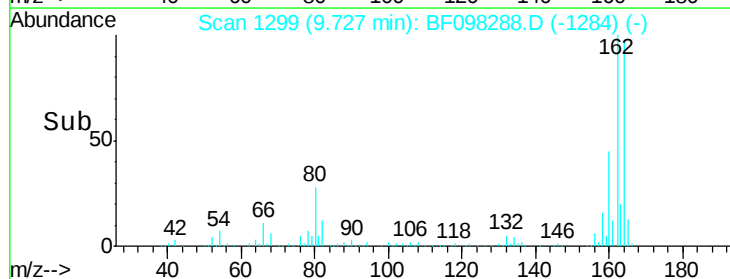
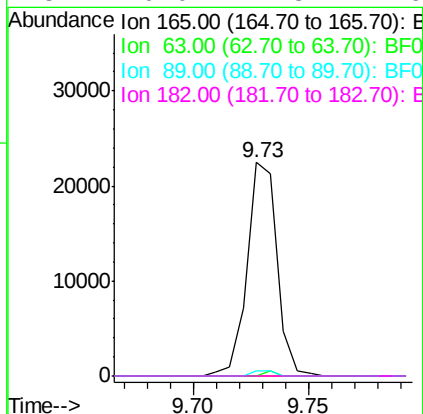
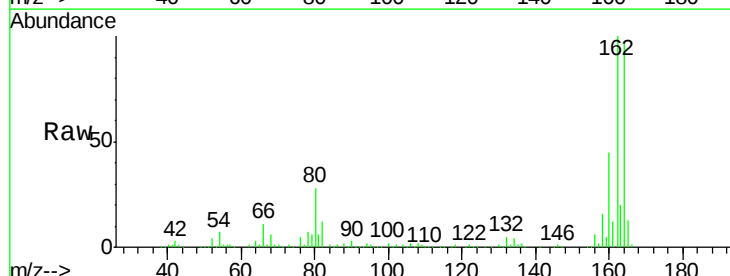
Instrument :
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 BU-02-090117

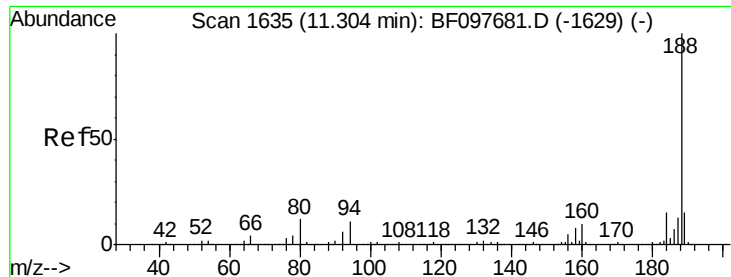
Tot Ion:	165	Resp:	20366
Ion Ratio	Lower	Upper	
165	100		
63	0.0	34.3	51.5#
89	2.2	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 7.11 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF098288.D
 Acq: 6 Sep 2017 22:30

Tgt Ion:	165	Resp:	20366
Ion Ratio	Lower	Upper	
165	100		
63	0.0	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#

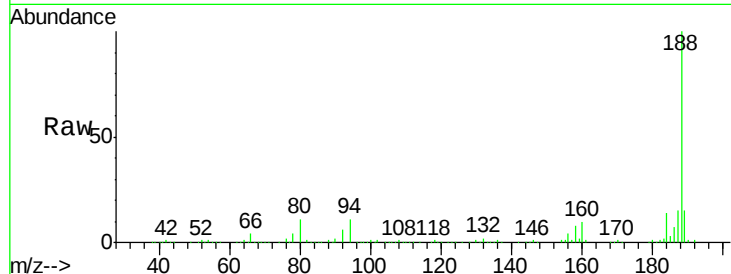




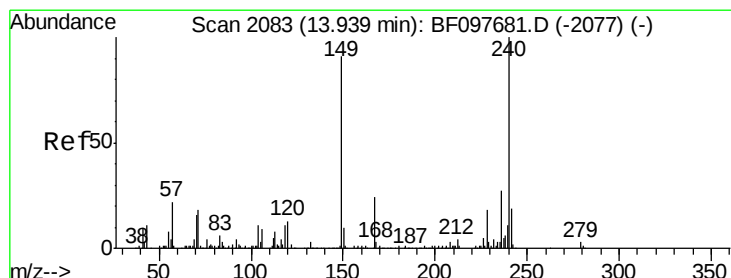
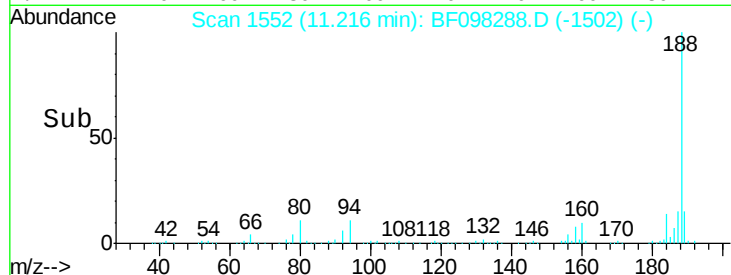
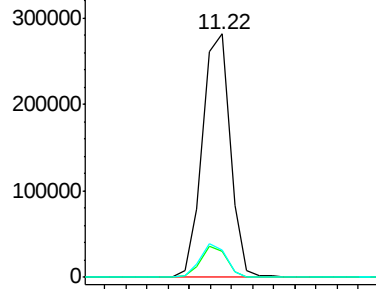
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098288.D
Acq: 6 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
BU-02-090117

Tot Ion:188 Resp: 256408
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.3 10.2 15.2

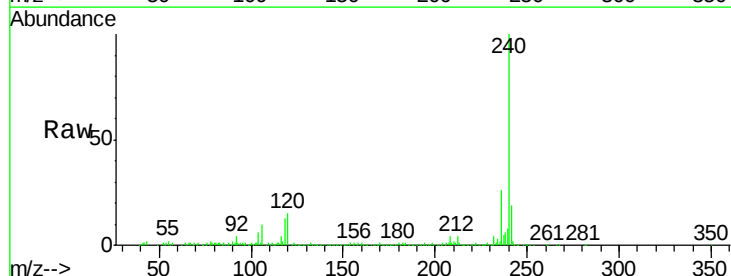


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

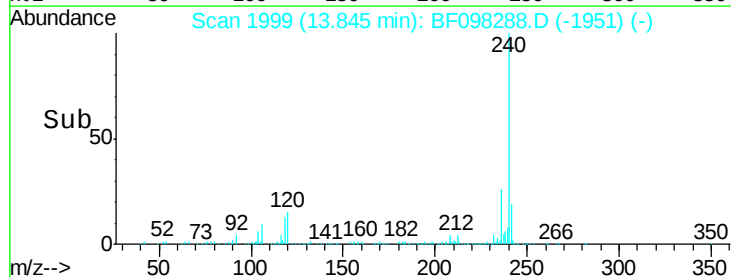
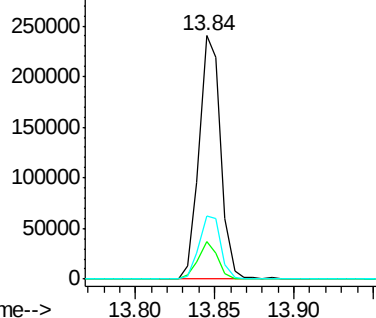


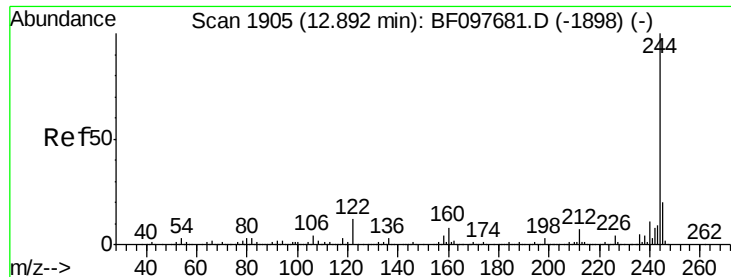
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098288.D
Acq: 6 Sep 2017 22:30

Tgt Ion:240 Resp: 226929
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 26.0 20.5 30.7



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

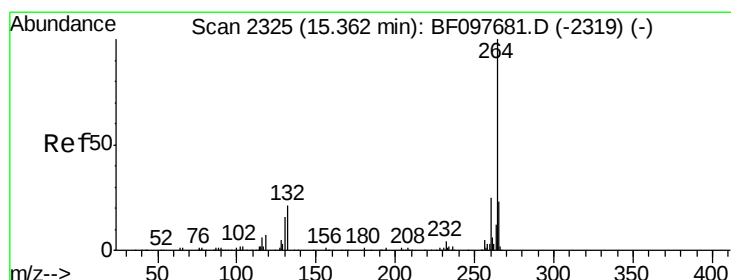
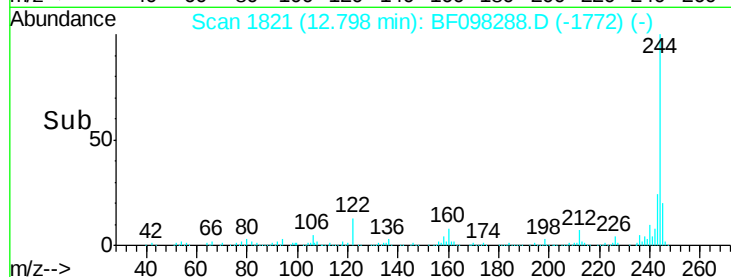
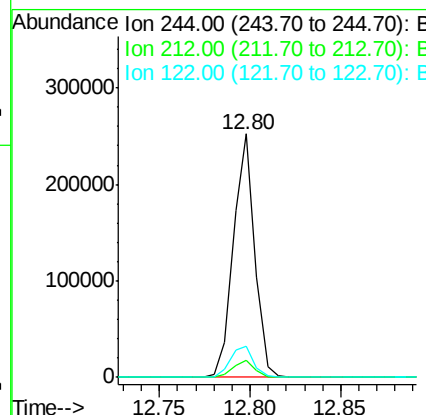
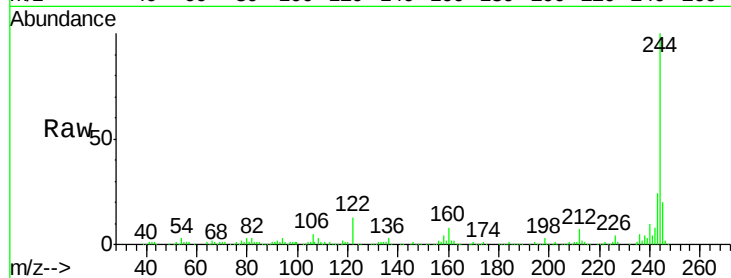




#78
 Terphenyl-d14
 Concen: 18.93 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF098288.D
 Acq: 6 Sep 2017 22:30

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090117

Tot Ion:244 Resp: 205987
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 12.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF098288.D
 Acq: 6 Sep 2017 22:30

Tgt Ion:264 Resp: 155945
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.7 17.2 25.8

