

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099255.D
 Acq On : 9 Oct 2017 2:34
 Operator : SJ/JU
 Sample : I5645-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 04:03:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

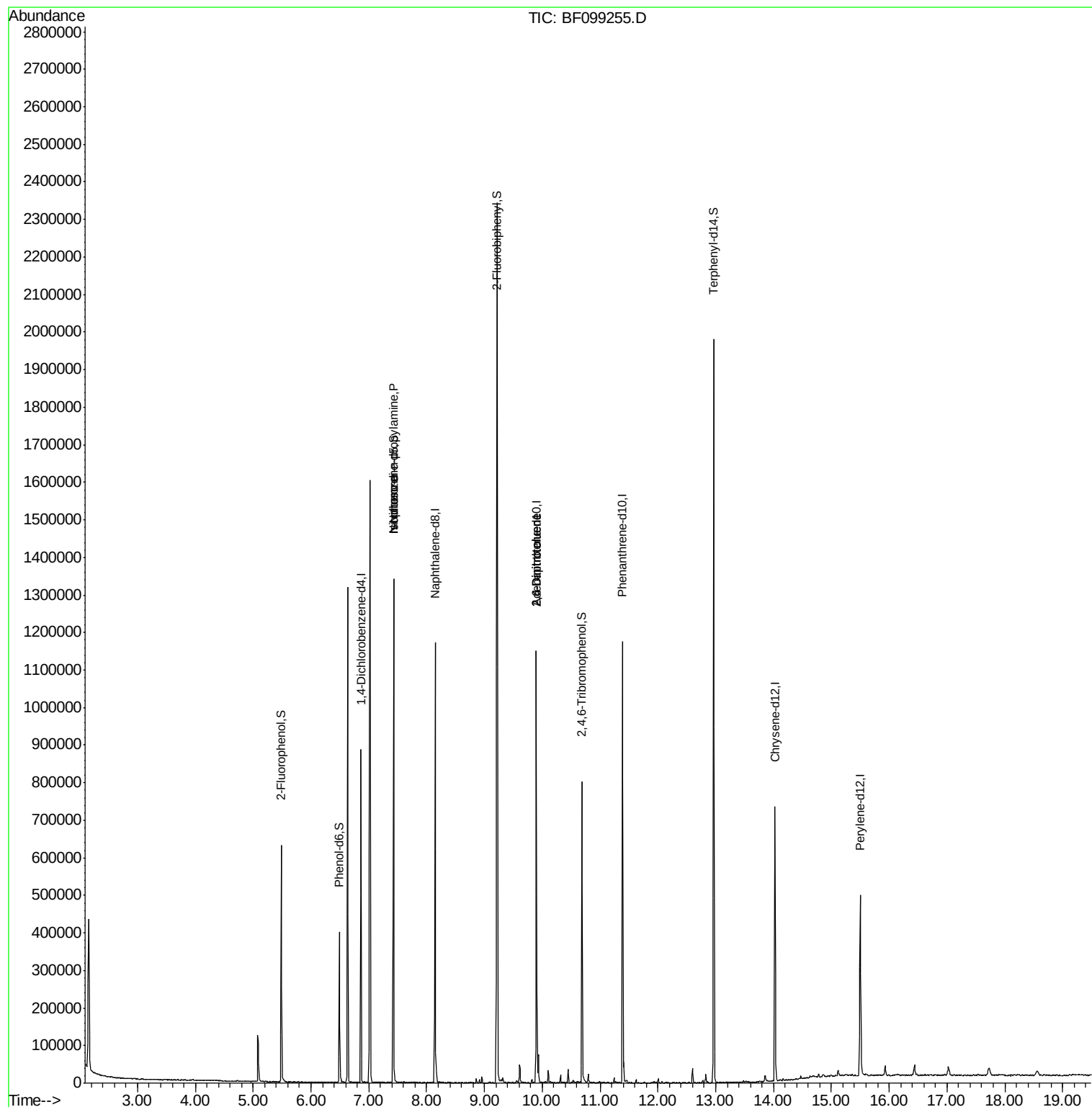
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123855	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	521425	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	235700	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	395380	20.00	ng	0.00
75) Chrysene-d12	14.03	240	235280	20.00	ng	0.00
86) Perylene-d12	15.50	264	213763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	190666	24.51	ng	0.00
7) Phenol-d6	6.49	99	143119	14.91	ng	0.00
23) Nitrobenzene-d5	7.43	82	416877	51.27	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	84861	44.00	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	786656	55.72	ng	-0.01
78) Terphenyl-d14	12.97	244	637898	61.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	53034	8.65	ng	# 74
25) Isophorone	7.43	82	416872	24.80	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	29326	7.57	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	29326	5.83	ng	# 22

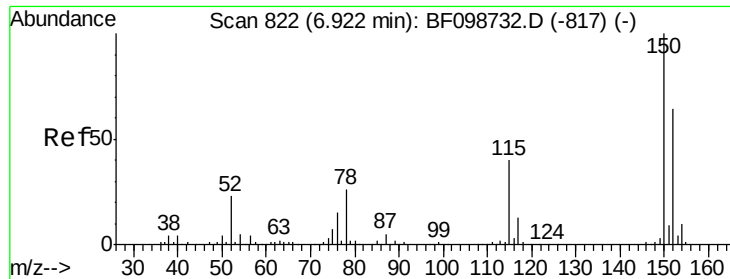
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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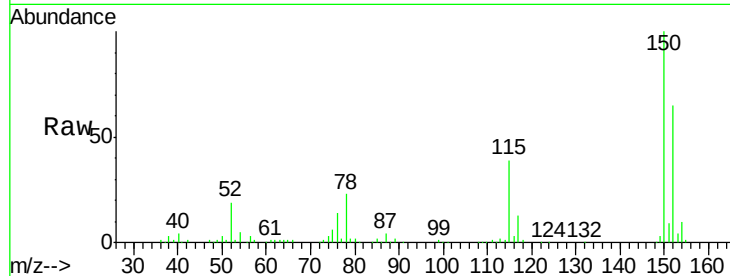


#1

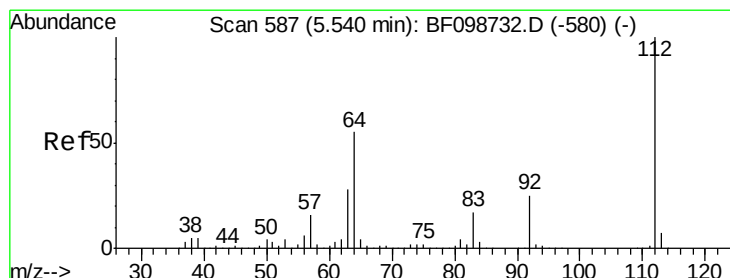
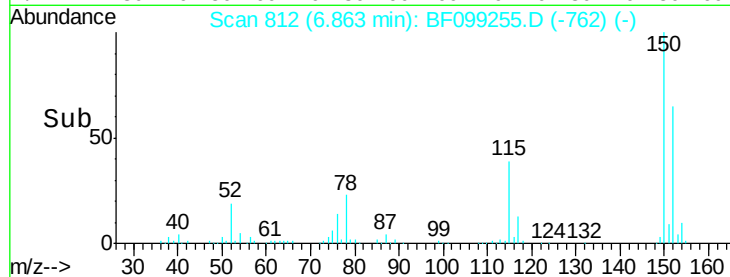
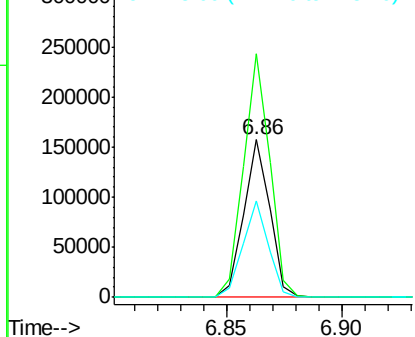
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099255.D
Acq: 9 Oct 2017 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 123855
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 61.1 50.1 75.1



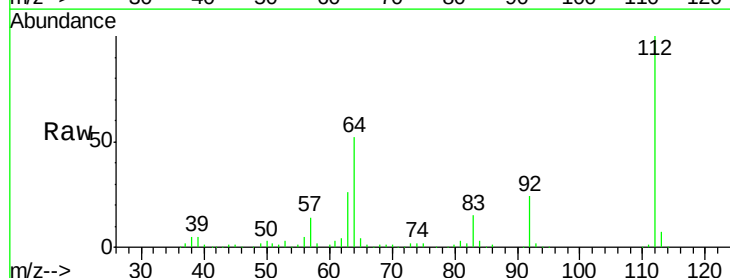
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



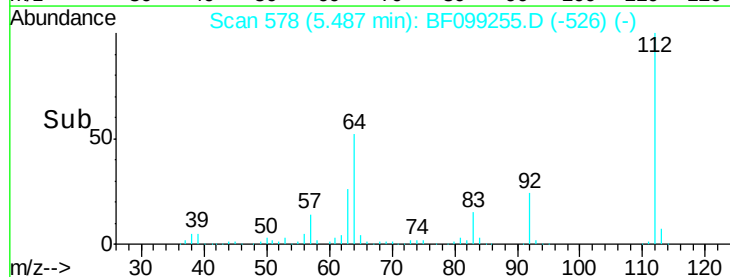
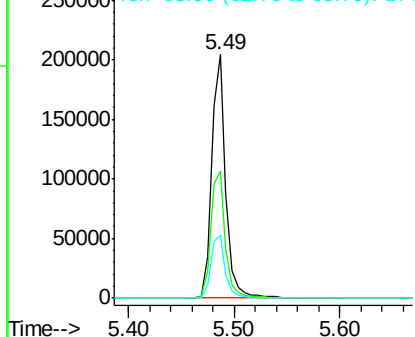
#5

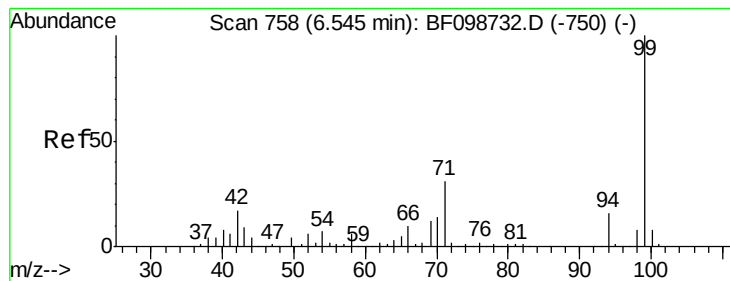
2-Fluorophenol
Concen: 24.51 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099255.D
Acq: 9 Oct 2017 2:34

Tgt Ion:112 Resp: 190666
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 25.8 23.7 35.5



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: 14.91 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099255.D

Acq: 9 Oct 2017 2:34

Instrument :

BNA_F

ClientSampleId :

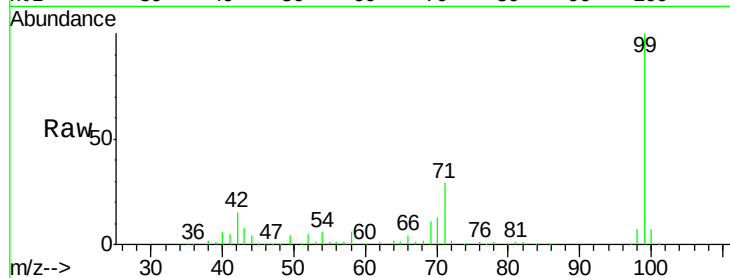
Tot Ion: 99 Resp: 143119

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

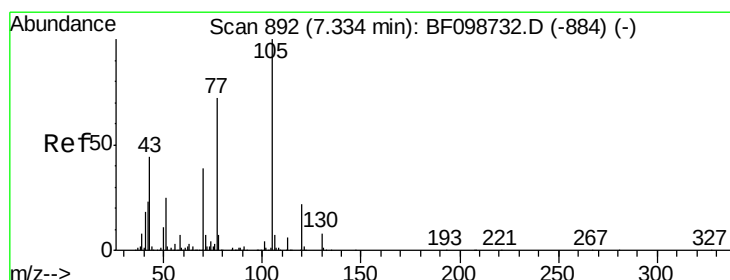
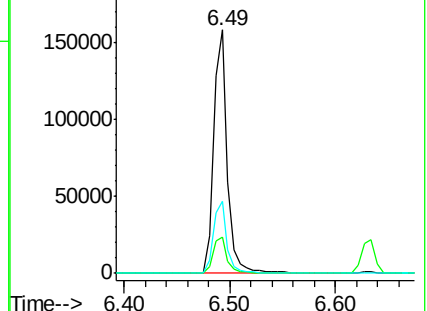
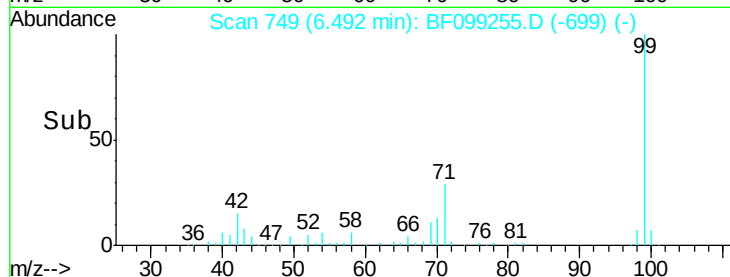
71 29.5 25.4 38.0



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: 8.65 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099255.D

Acq: 9 Oct 2017 2:34

Tgt Ion: 70 Resp: 53034

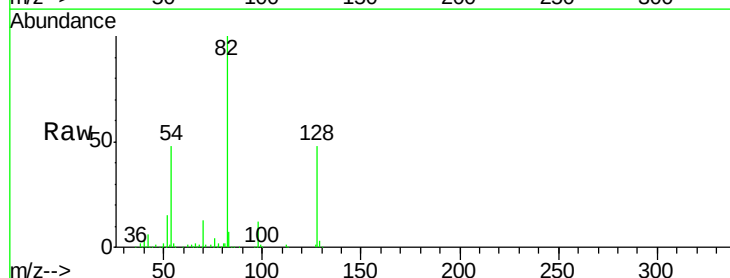
Ion Ratio Lower Upper

70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

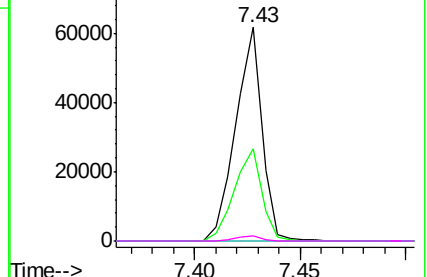
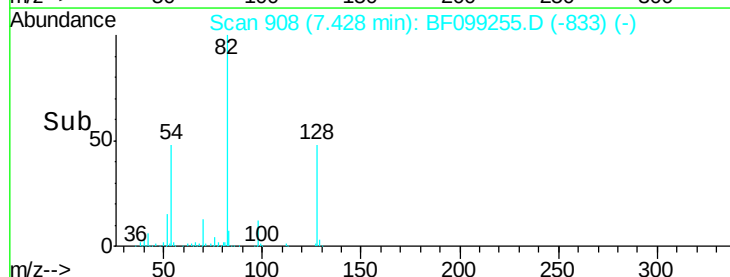


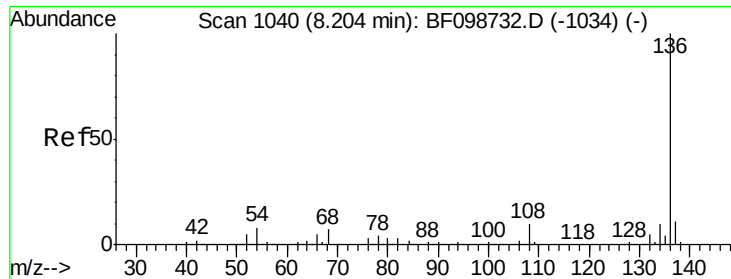
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

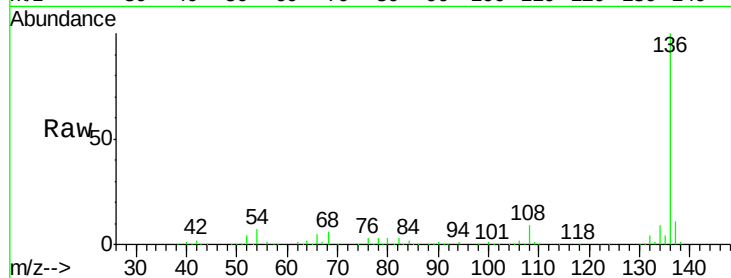




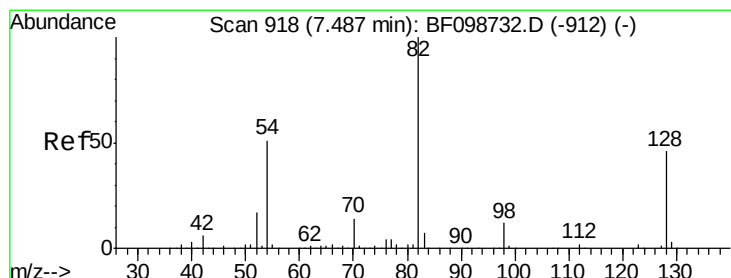
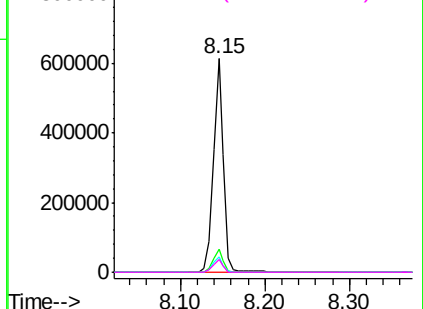
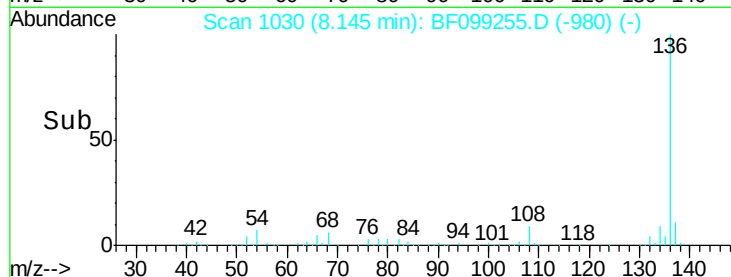
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099255.D
Acq: 9 Oct 2017 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	521425
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.1	6.6 9.8
68	5.8	5.0 7.4

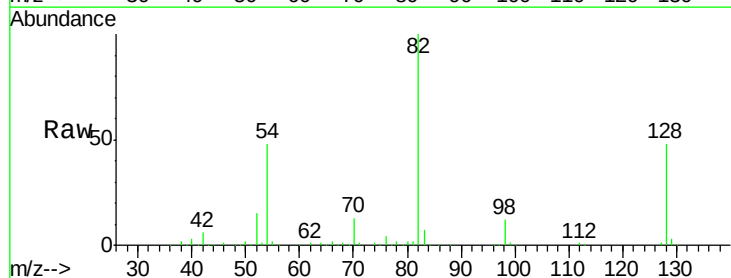


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

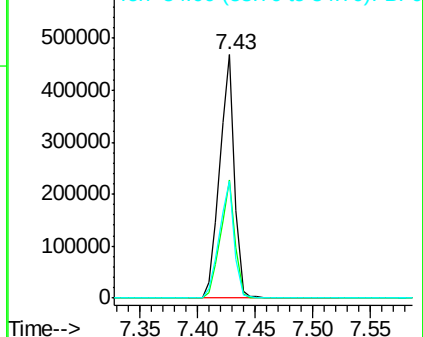
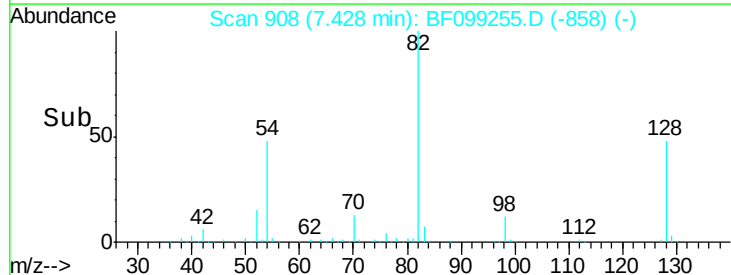


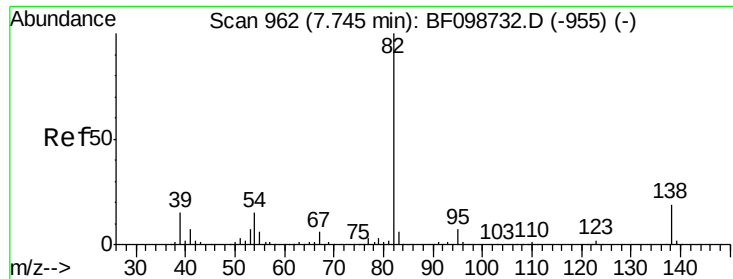
#23
Nitrobenzene-d5
Concen: 51.27 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099255.D
Acq: 9 Oct 2017 2:34

Tgt Ion: 82	Resp:	416877
Ion Ratio	Lower	Upper
82	100	
128	48.3	36.1 54.1
54	48.0	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 24.80 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099255.D

Acq: 9 Oct 2017 2:34

Instrument :

BNA_F

ClientSampleId :

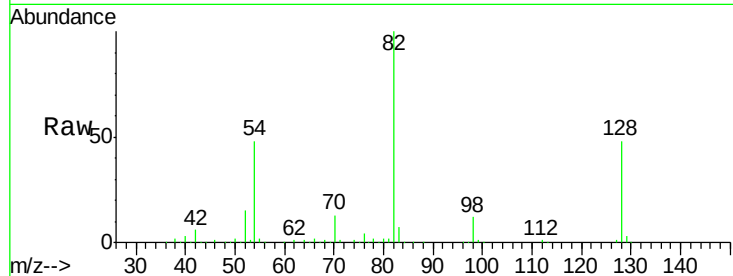
Tot Ion: 82 Resp: 416872

Ion Ratio Lower Upper

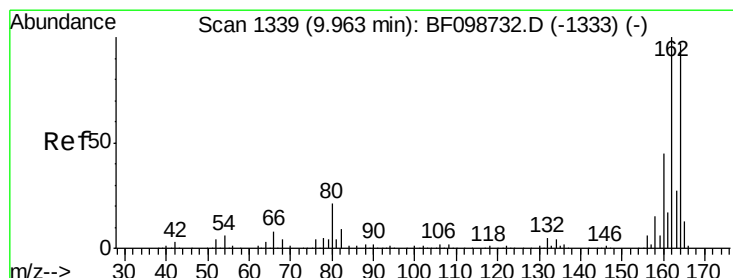
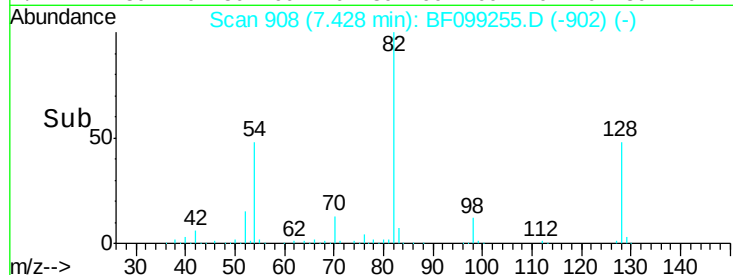
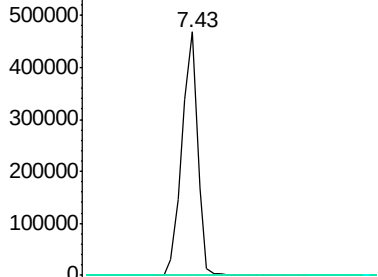
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099255.D

Acq: 9 Oct 2017 2:34

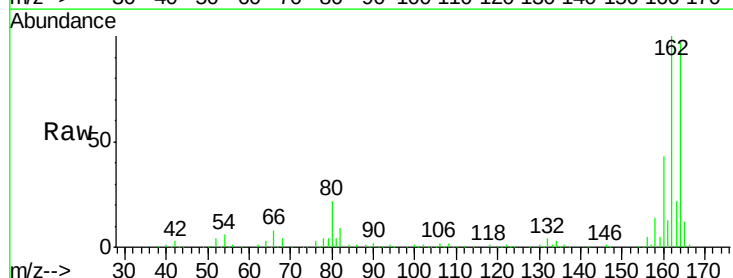
Tgt Ion: 164 Resp: 235700

Ion Ratio Lower Upper

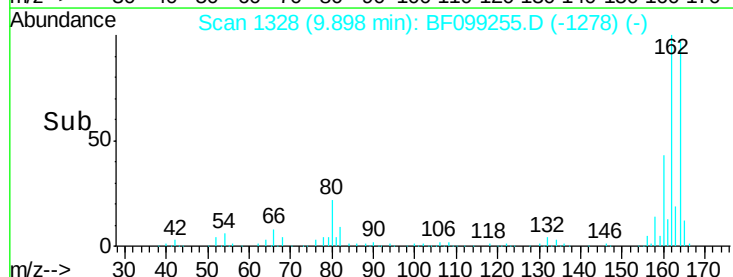
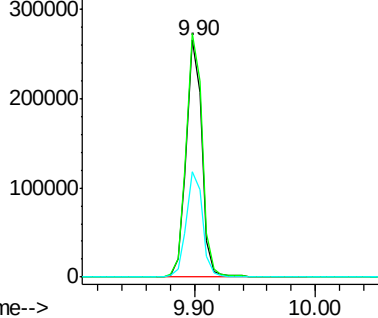
164 100

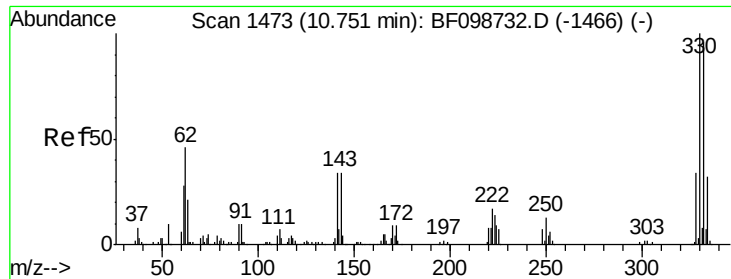
162 102.8 86.1 129.1

160 44.4 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

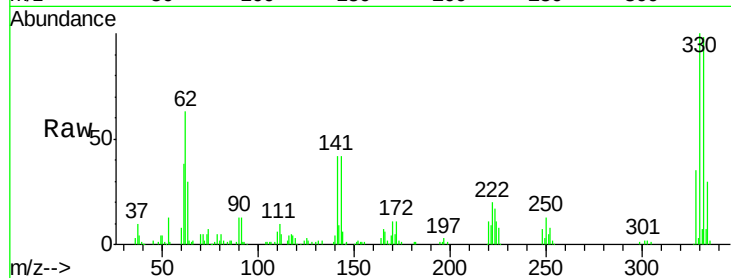




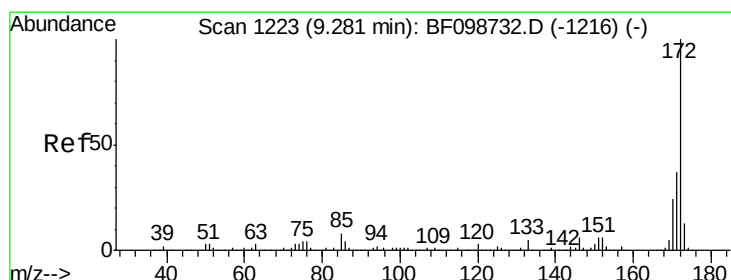
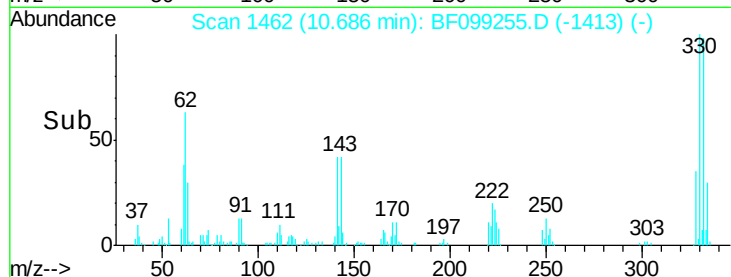
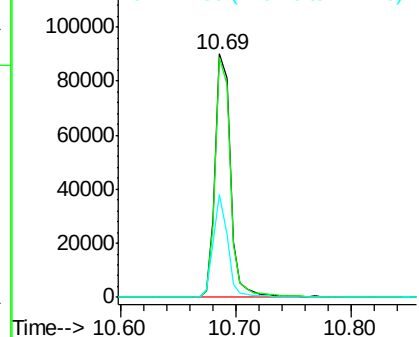
#41
 2,4,6-Tribromophenol
 Concen: 44.00 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099255.D
 Acq: 9 Oct 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 84861
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 39.3 29.9 44.9

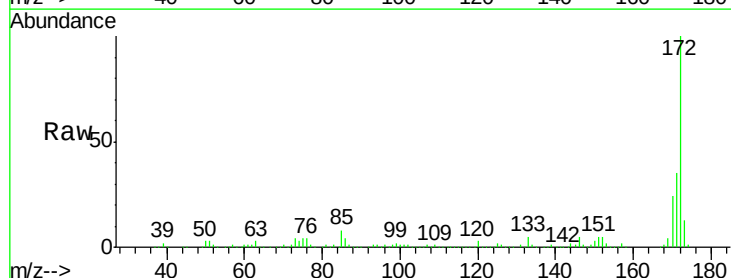


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

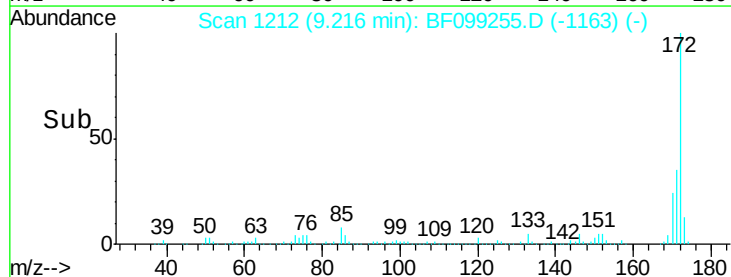
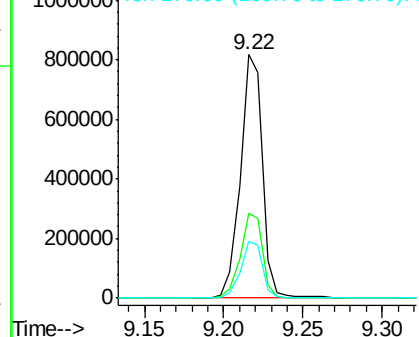


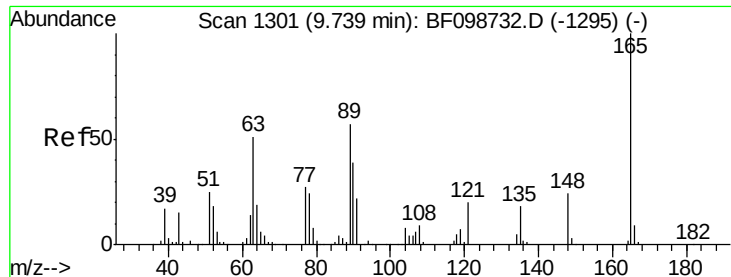
#44
 2-Fluorobiphenyl
 Concen: 55.72 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099255.D
 Acq: 9 Oct 2017 2:34

Tgt Ion:172 Resp: 786656
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.5 19.6 29.4



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

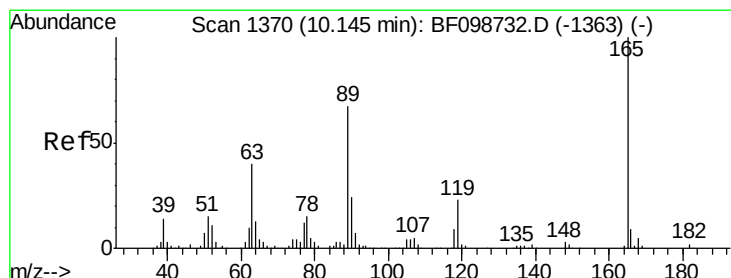
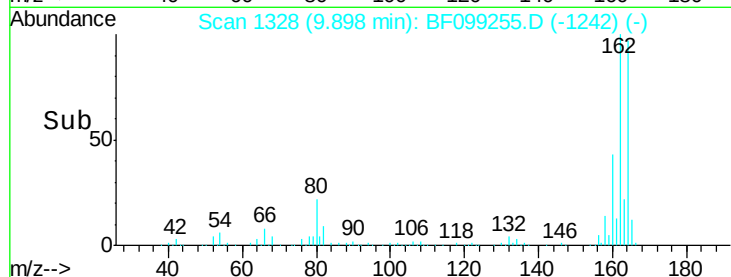
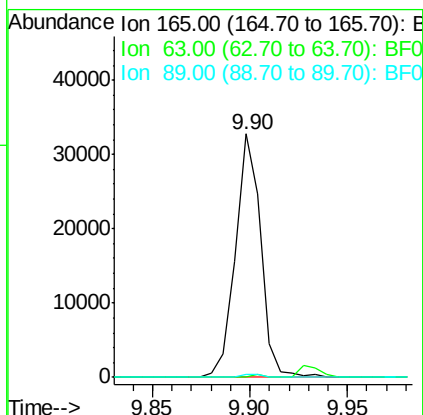
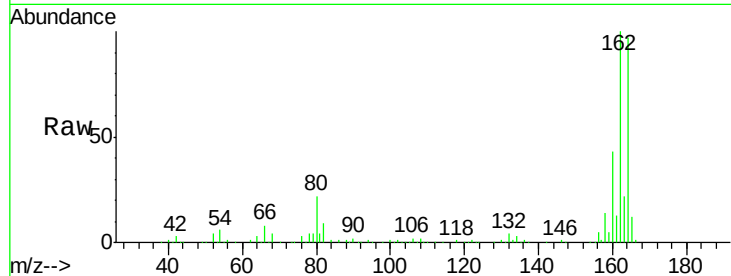




#50
 2,6-Dinitrotoluene
 Concen: 7.57 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099255.D
 Acq: 9 Oct 2017 2:34

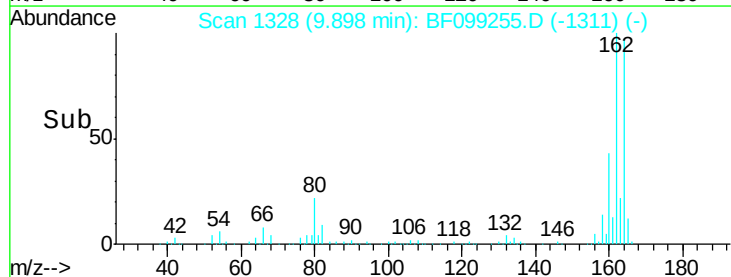
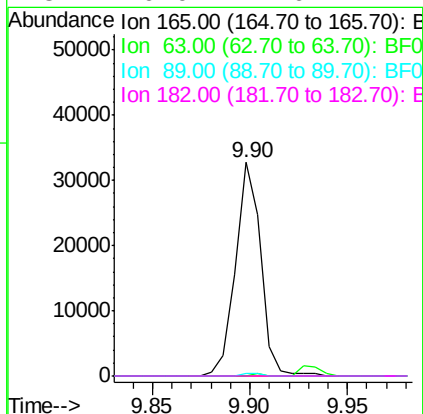
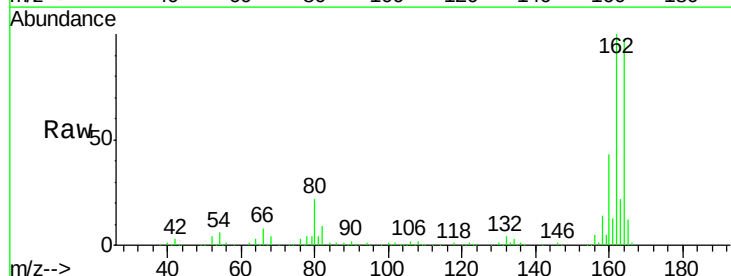
Instrument :
 BNA_F
 ClientSampleId :

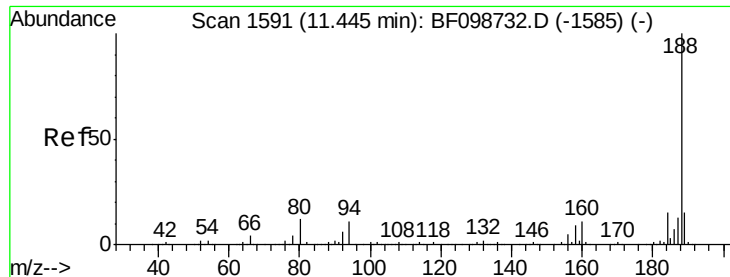
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.83 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099255.D
 Acq: 9 Oct 2017 2:34

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

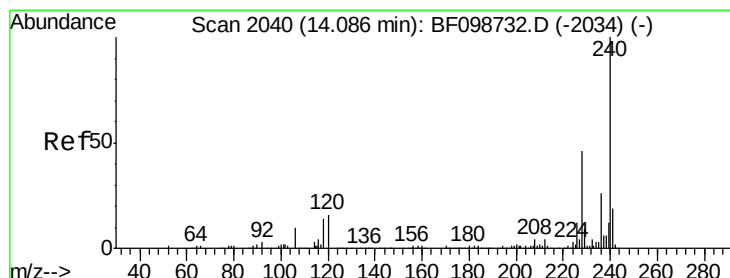
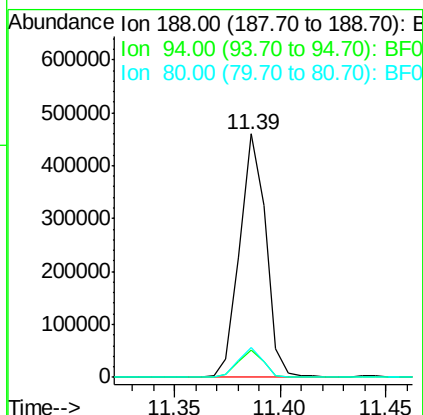
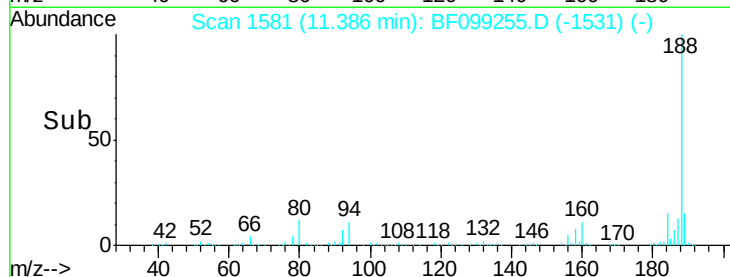
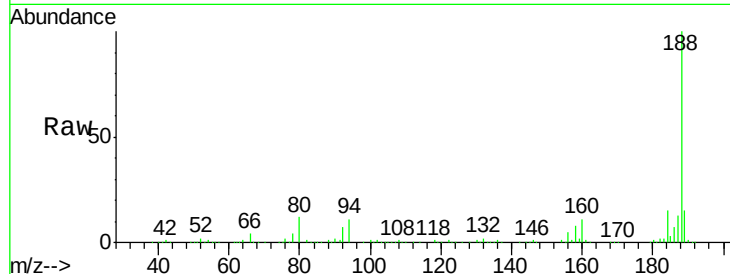




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099255.D
 Acq: 9 Oct 2017 2:34

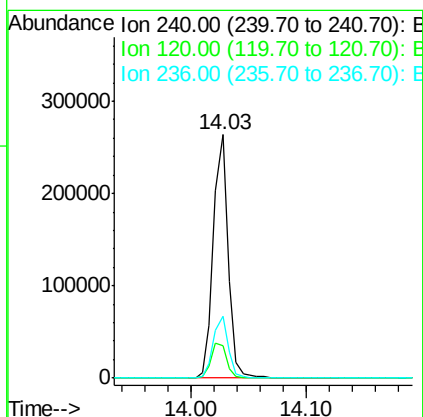
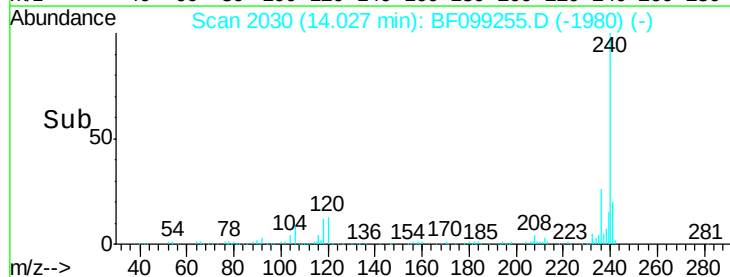
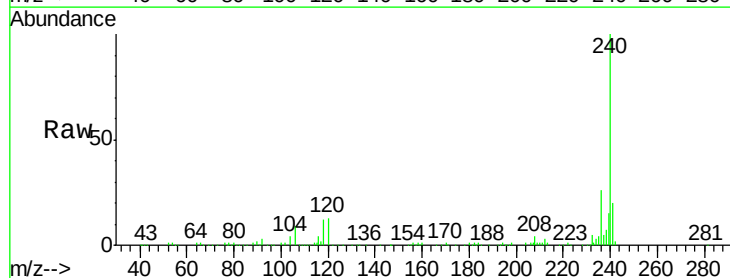
Instrument :
 BNA_F
 ClientSampleId :

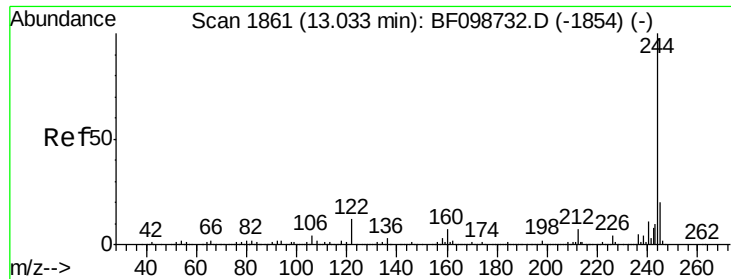
Tot Ion:188 Resp: 395380
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 12.1 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099255.D
 Acq: 9 Oct 2017 2:34

Tgt Ion:240 Resp: 235280
 Ion Ratio Lower Upper
 240 100
 120 13.3 9.5 14.3
 236 25.5 20.7 31.1

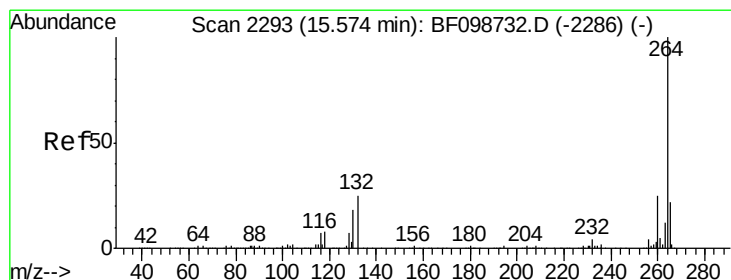
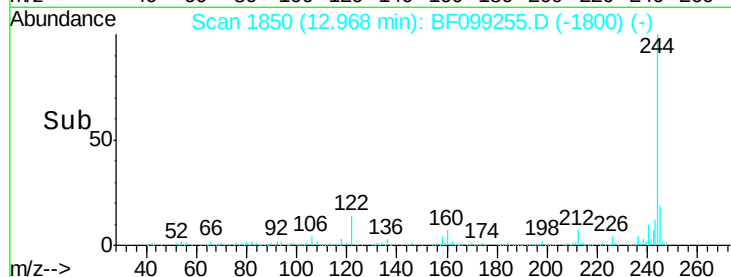
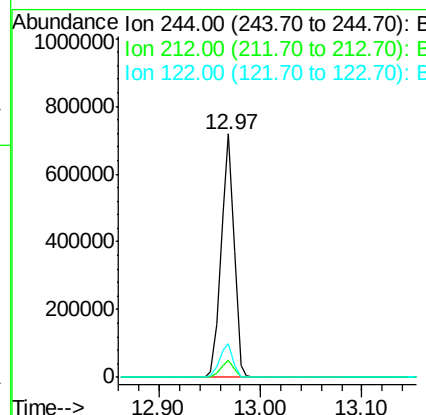
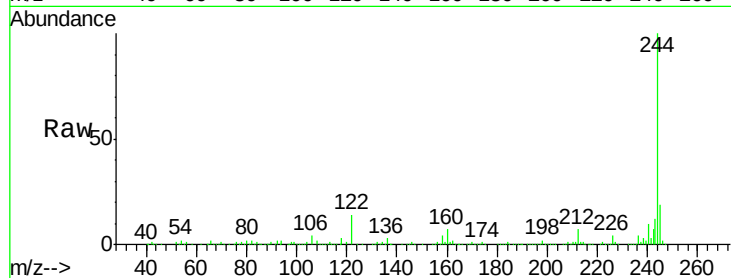




#78
 Terphenyl-d14
 Concen: 61.66 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099255.D
 Acq: 9 Oct 2017 2:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.8	11.0	16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099255.D
 Acq: 9 Oct 2017 2:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.7	17.5	26.3

