

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099949.D
 Acq On : 29 Oct 2017 7:55
 Operator : SJ/JU
 Sample : I6100-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:07:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

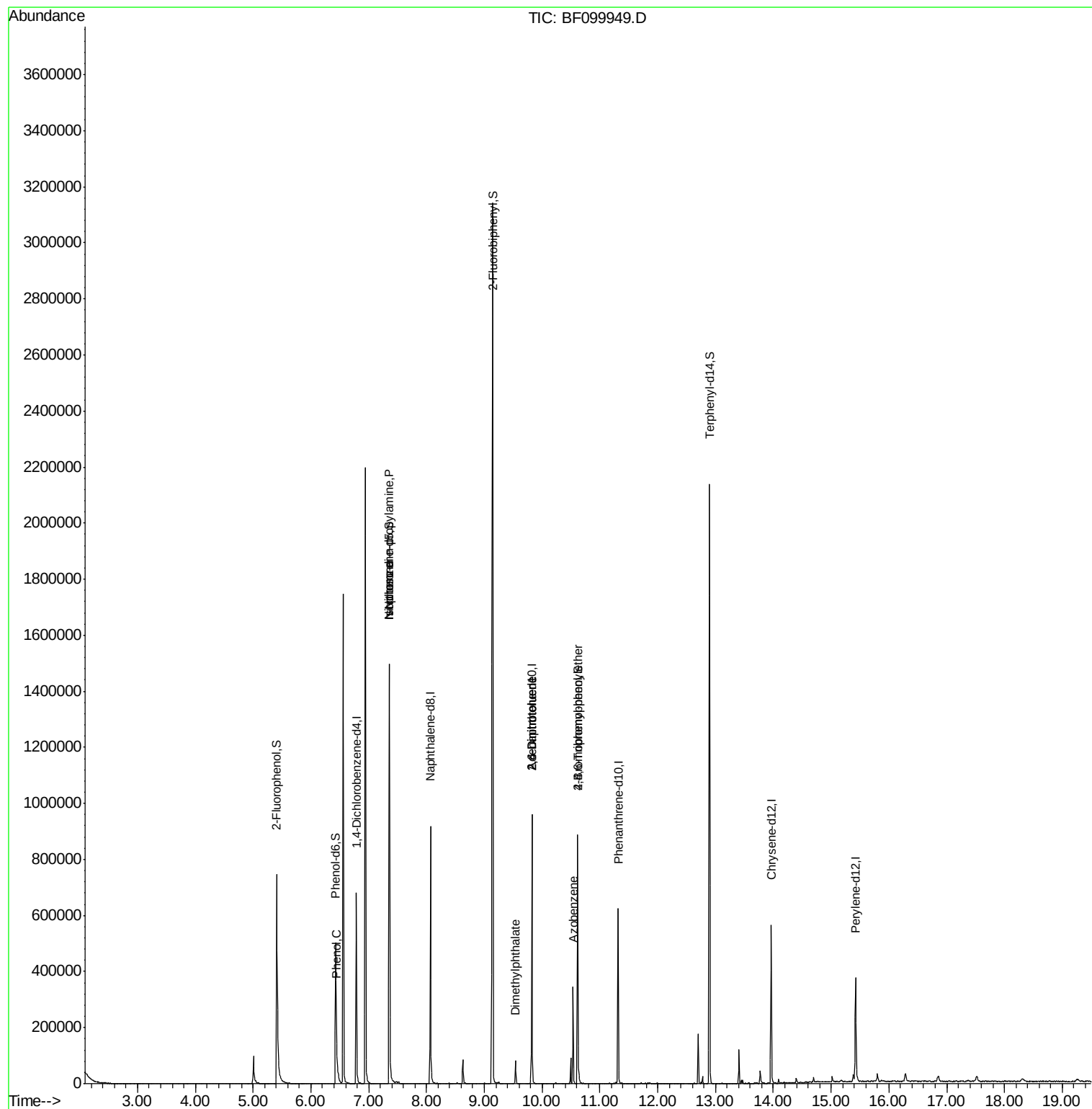
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	113014	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	443605	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	179782	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	250903	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	192127	20.00	ng	-0.03
86) Perylene-d12	15.42	264	183029	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	318207	44.20	ng	0.00
7) Phenol-d6	6.43	99	242588	28.42	ng	-0.01
23) Nitrobenzene-d5	7.36	82	603438	87.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	109407	66.78	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1115769	95.75	ng	-0.01
78) Terphenyl-d14	12.90	244	718574	81.74	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	19387	2.069	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	74521	14.898	ng	# 72
25) Isophorone	7.36	82	603438	48.263	ng	# 64
49) Dimethylphthalate	9.54	163	38219	2.684	ng	99
50) 2,6-Dinitrotoluene	9.82	165	22124	7.392	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	22124	6.138	ng	# 22
62) Azobenzene	10.53	77	52619	4.515	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	7037	2.664	ng	# 1

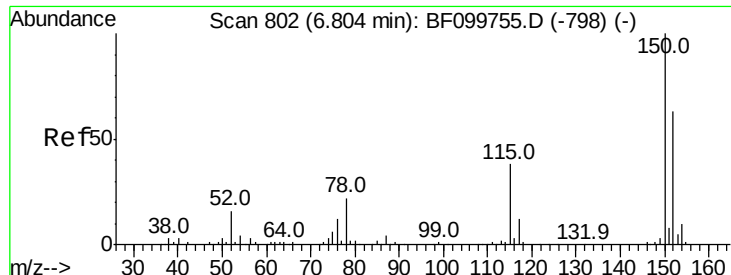
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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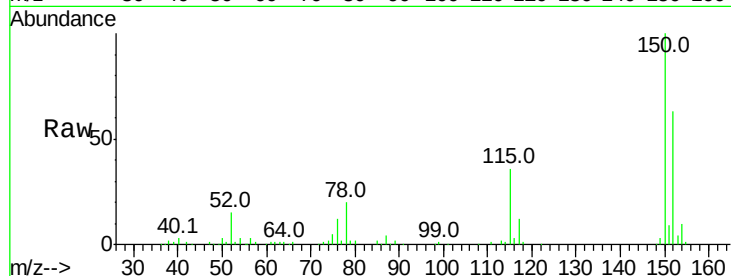


#1

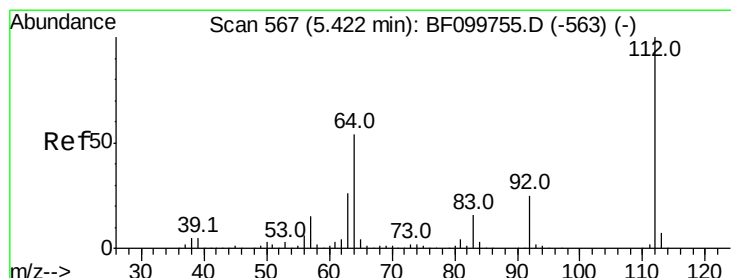
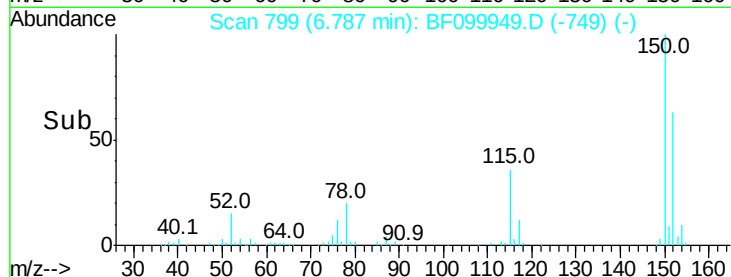
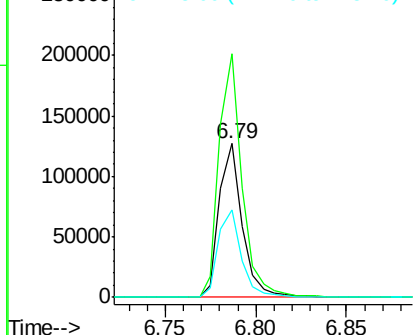
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113014
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 56.5 50.1 75.1



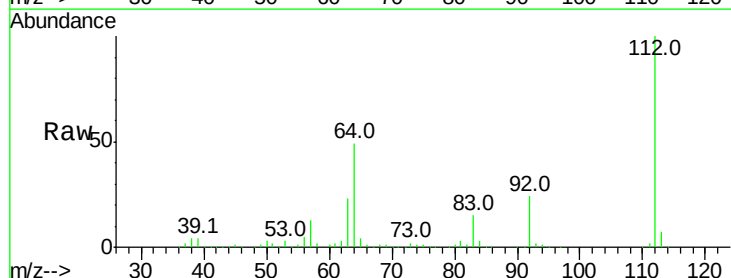
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



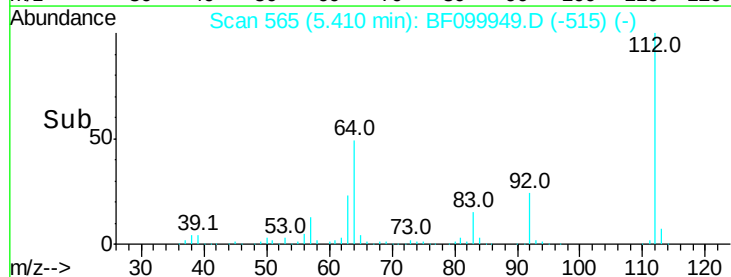
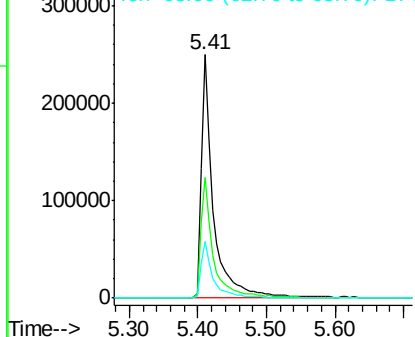
#5

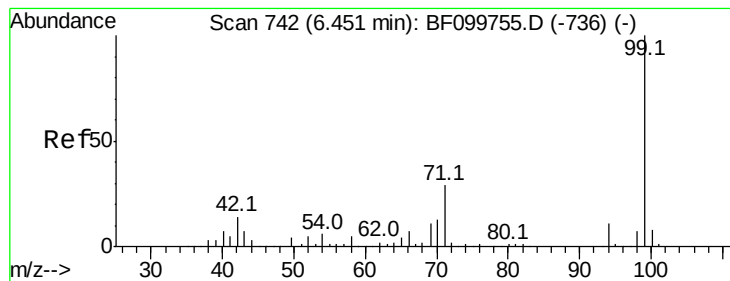
2-Fluorophenol
Concen: 44.205 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion:112 Resp: 318207
Ion Ratio Lower Upper
112 100
64 49.4 47.9 71.9
63 23.4 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: 28.421 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099949.D

Acq: 29 Oct 2017 7:55

Instrument :

BNA_F

ClientSampled :

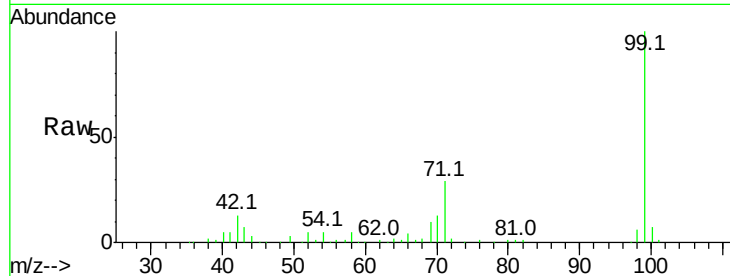
Tot Ion: 99 Resp: 242588

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

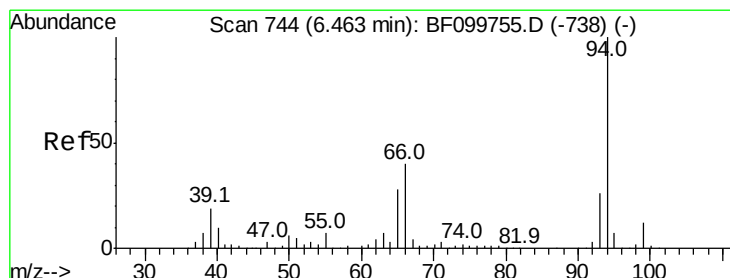
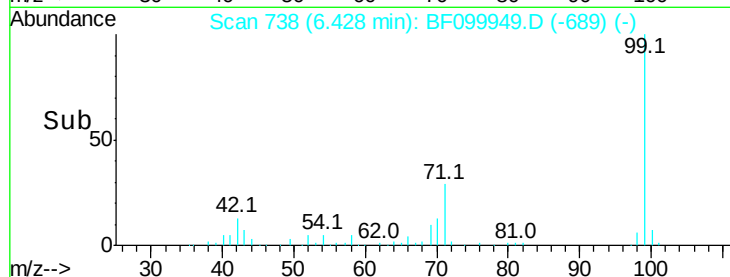
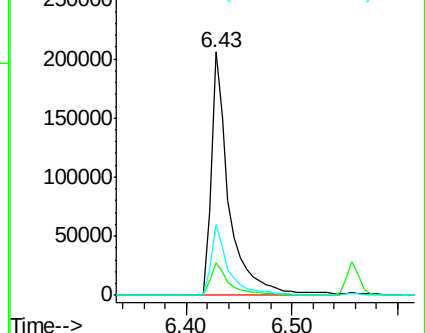
71 29.0 25.4 38.0



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



#10

Phenol

Concen: 2.069 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099949.D

Acq: 29 Oct 2017 7:55

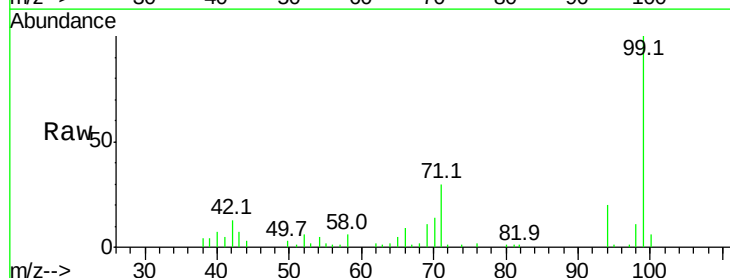
Tgt Ion: 94 Resp: 19387

Ion Ratio Lower Upper

94 100

65 27.0 7.9 47.9

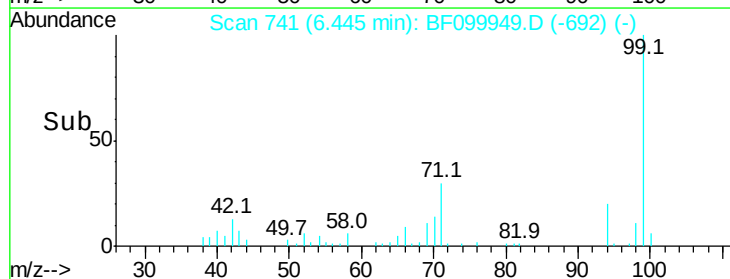
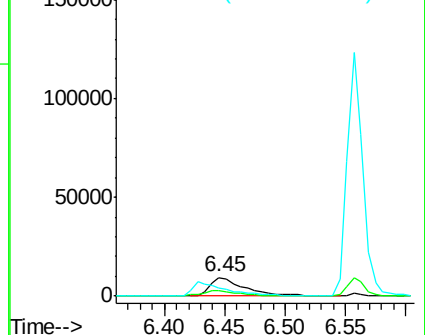
66 45.6 16.2 56.2

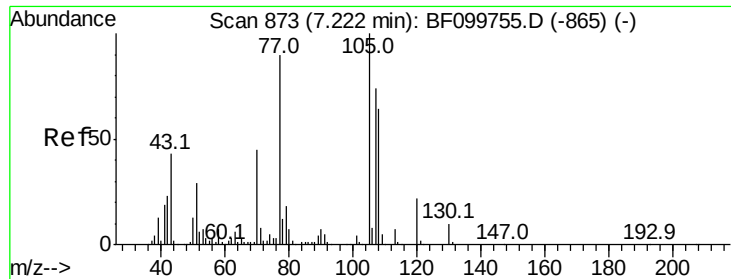


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

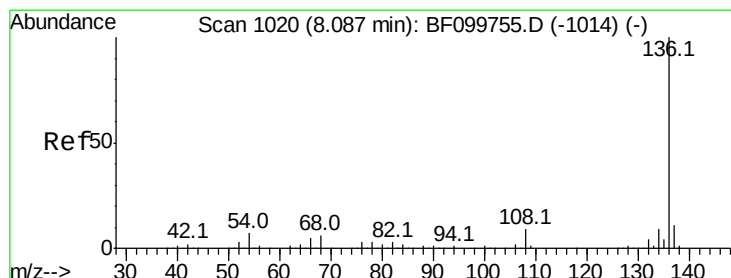
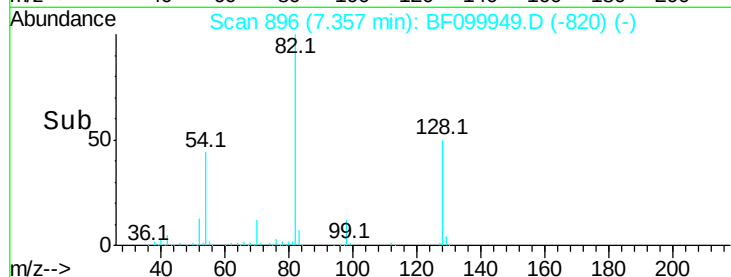
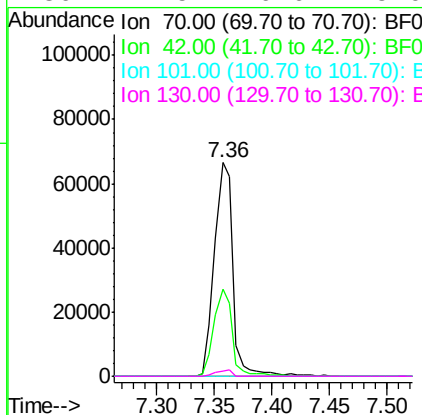
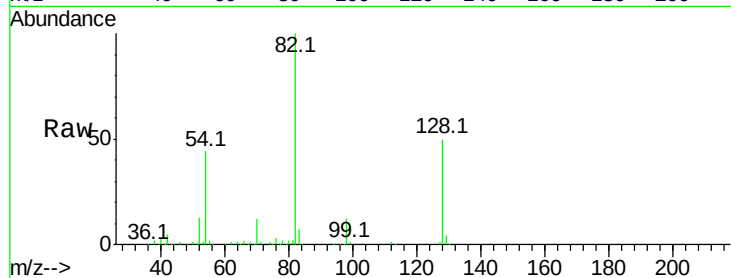




#19
n-Nitroso-di-n-propylamine
Concen: 14.898 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

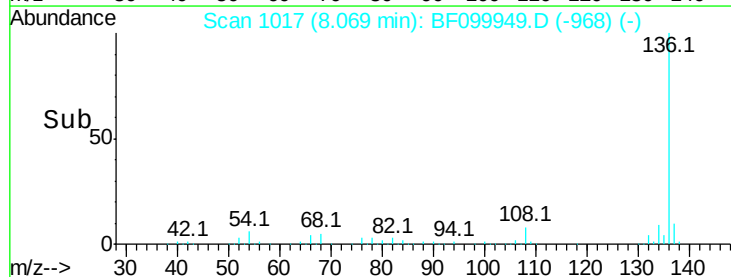
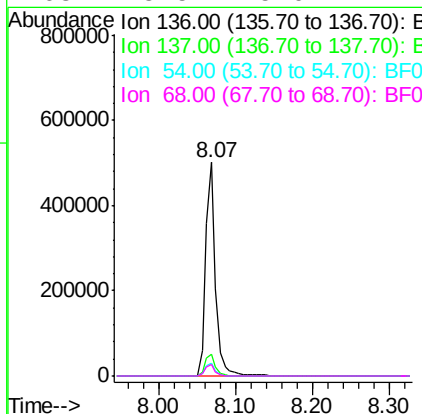
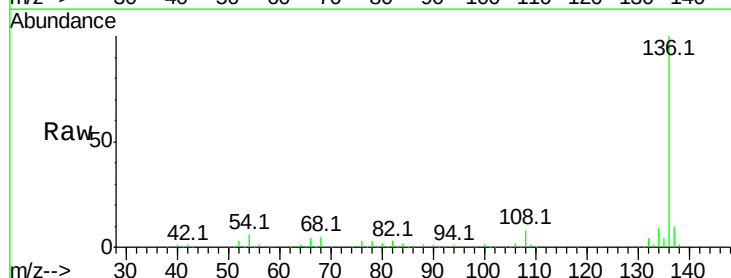
Instrument :
BNA_F
ClientSampleId :

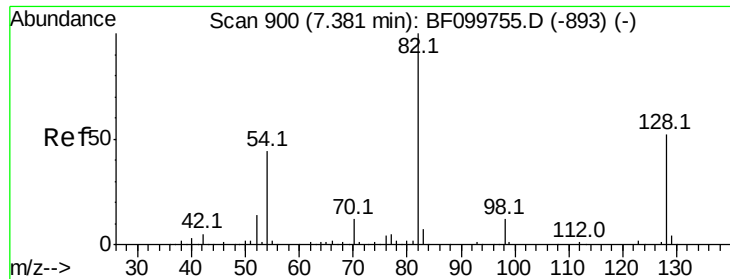
Tot Ion: 70 Resp: 74521
Ion Ratio Lower Upper
70 100
42 40.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion:136 Resp: 443605
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 5.8 6.6 9.8#
68 5.5 5.0 7.4

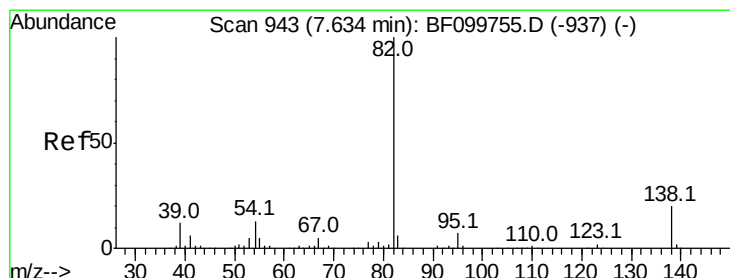
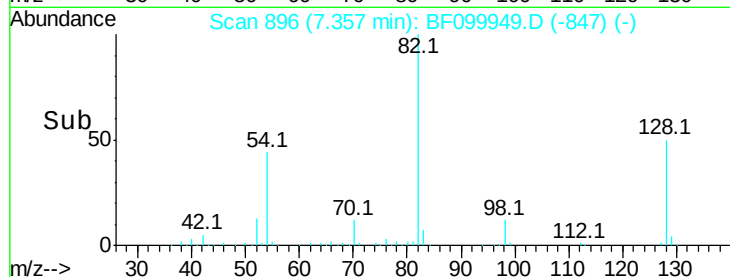
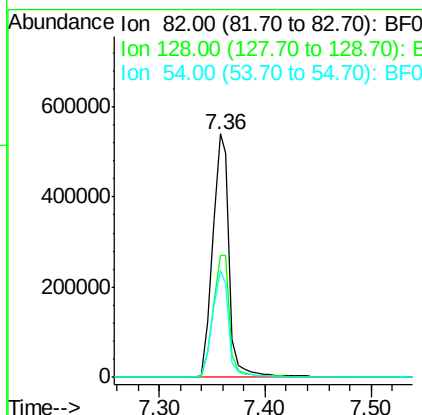
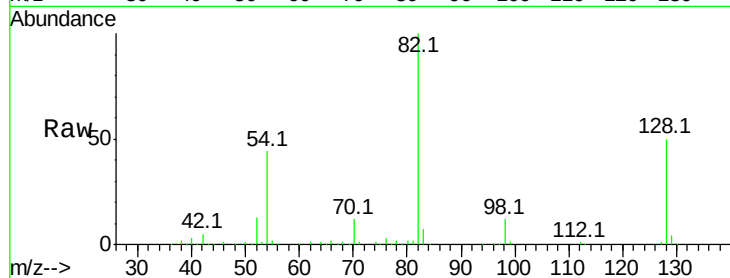




#23
 Nitrobenzene-d5
 Concen: 87.577 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099949.D
 Acq: 29 Oct 2017 7:55

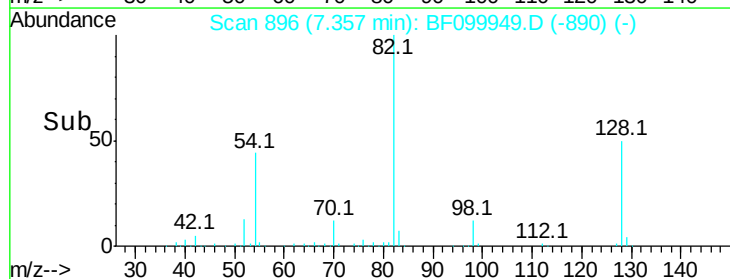
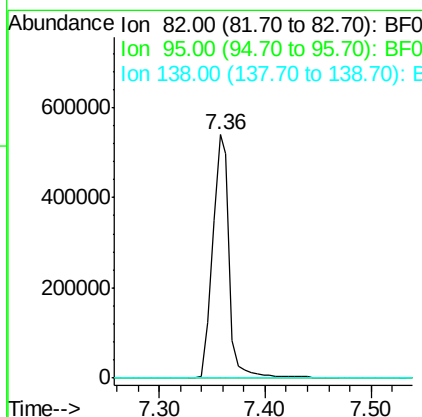
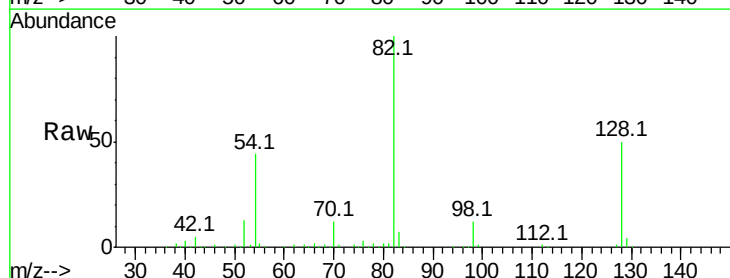
Instrument :
 BNA_F
 ClientSampleId :

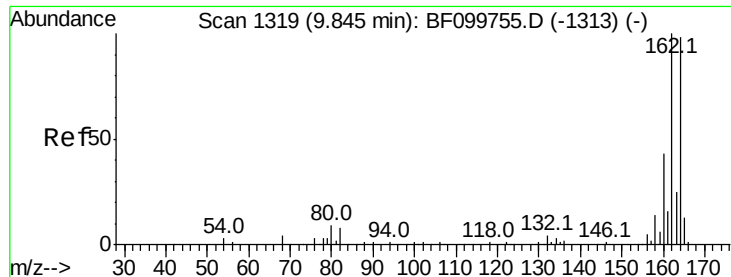
Tot Ion:	82	Resp:	603438
Ion Ratio	Lower	Upper	
82	100		
128	50.2	36.1	54.1
54	43.9	41.4	62.2



#25
 Isophorone
 Concen: 48.263 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF099949.D
 Acq: 29 Oct 2017 7:55

Tgt Ion:	82	Resp:	603438
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

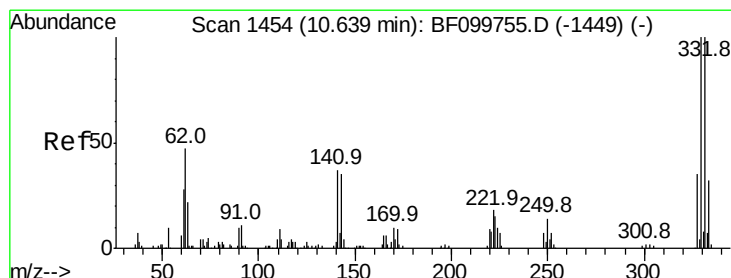
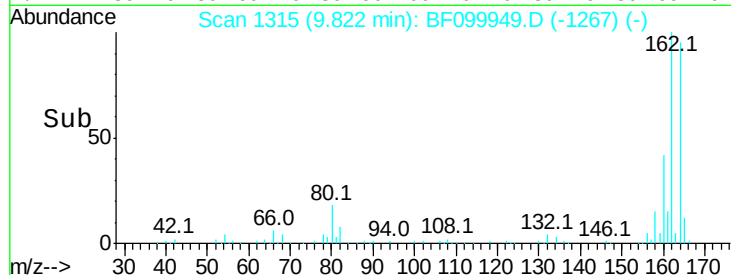
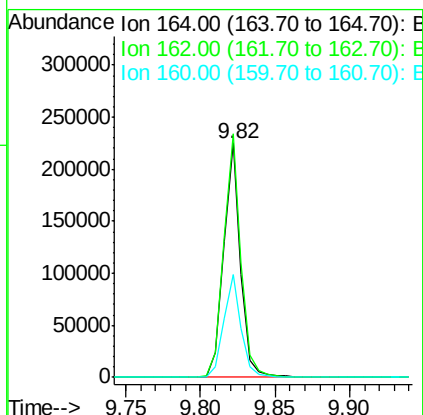
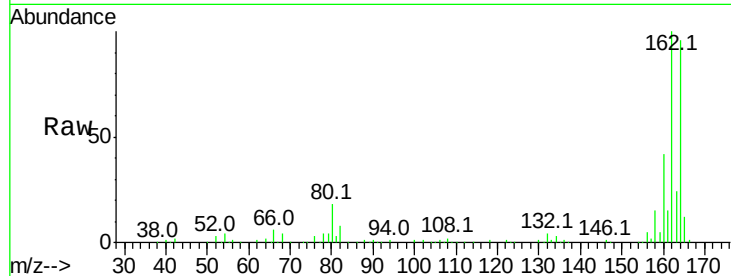




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

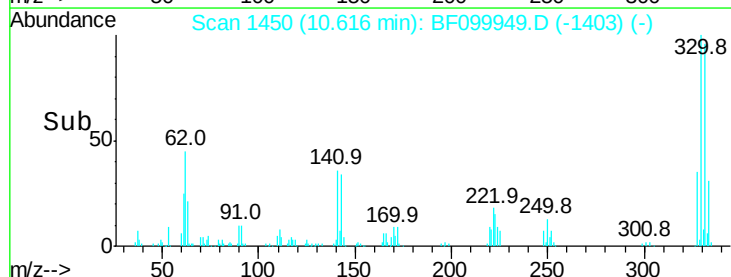
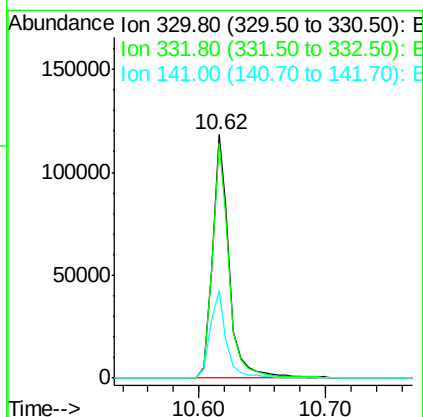
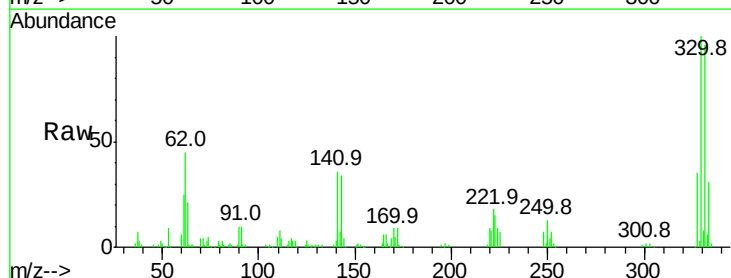
Instrument :
BNA_F
ClientSampleId :

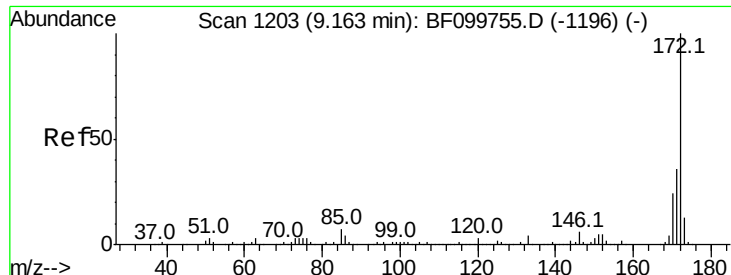
Tot Ion:164 Resp: 179782
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 43.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 66.777 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion:330 Resp: 109407
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 34.8 29.9 44.9



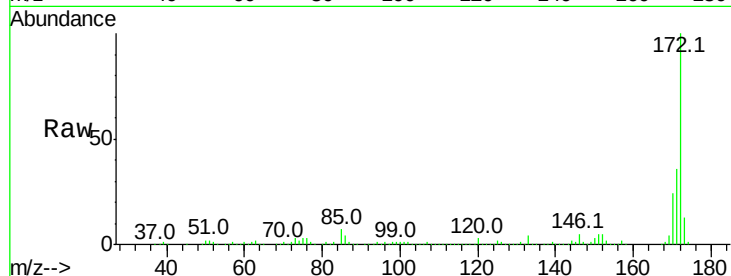


#44
 2-Fluorobiphenyl
 Concen: 95.752 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099949.D
 Acq: 29 Oct 2017 7:55

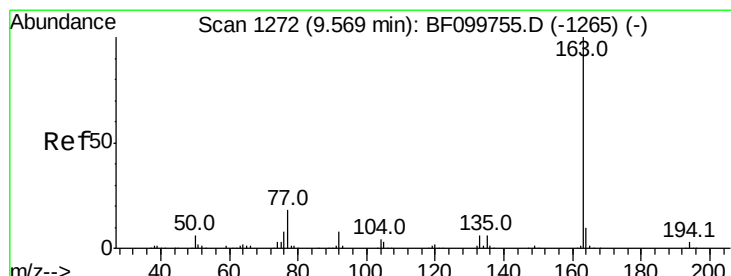
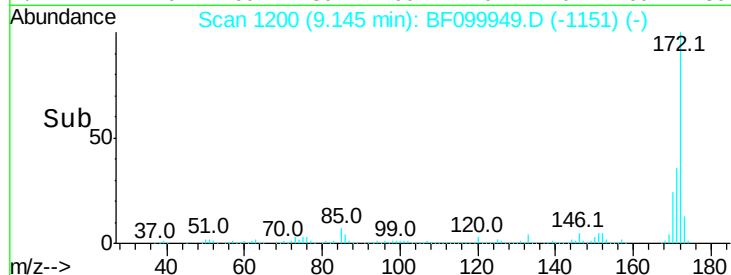
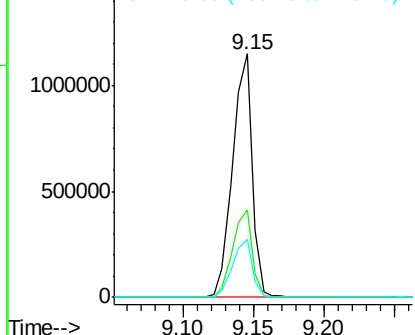
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1115769

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	19.6	29.4



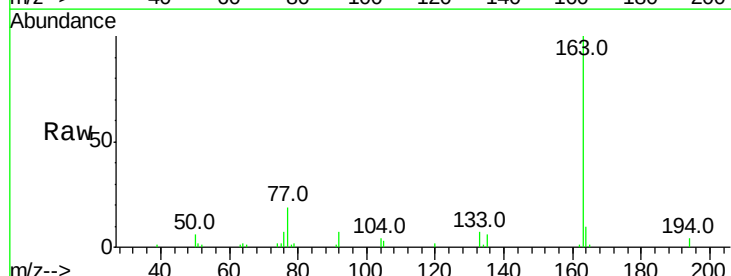
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



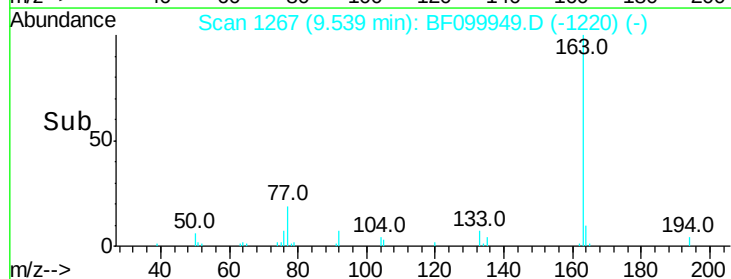
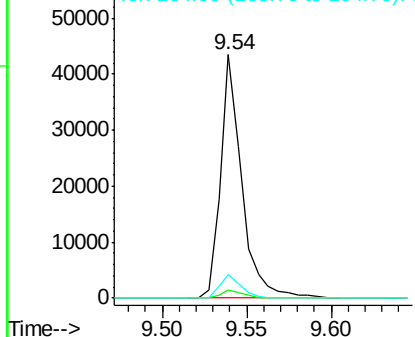
#49
 Dimethylphthalate
 Concen: 2.684 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF099949.D
 Acq: 29 Oct 2017 7:55

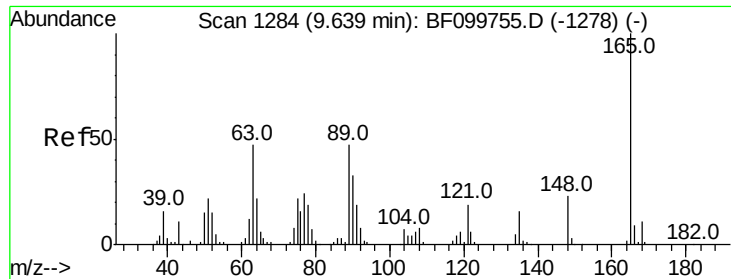
Tgt Ion:163 Resp: 38219

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.6	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

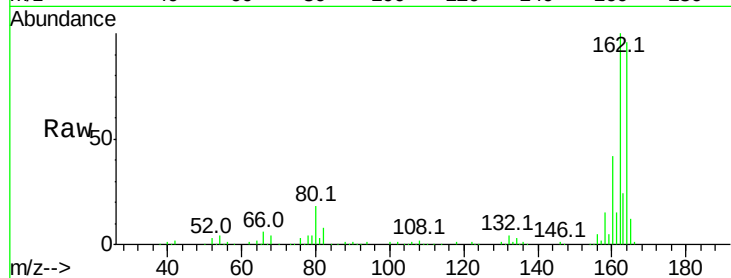




#50
 2,6-Dinitrotoluene
 Concen: 7.392 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.18 min
 Lab File: BF099949.D
 Acq: 29 Oct 2017 7:55

Instrument :
 BNA_F
 ClientSampleId :

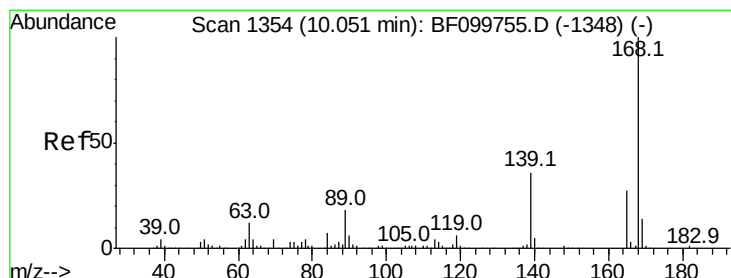
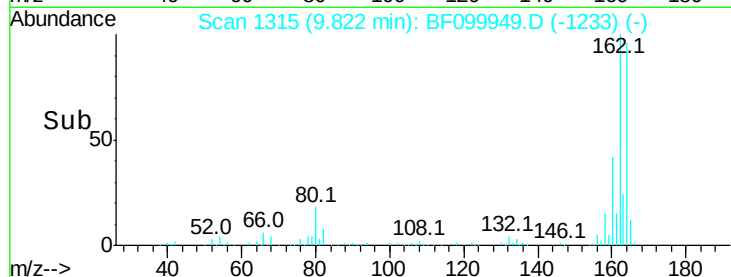
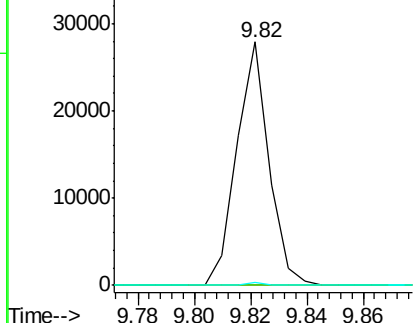
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.138 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099949.D
 Acq: 29 Oct 2017 7:55

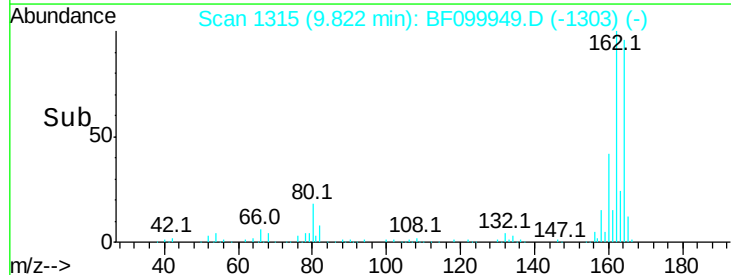
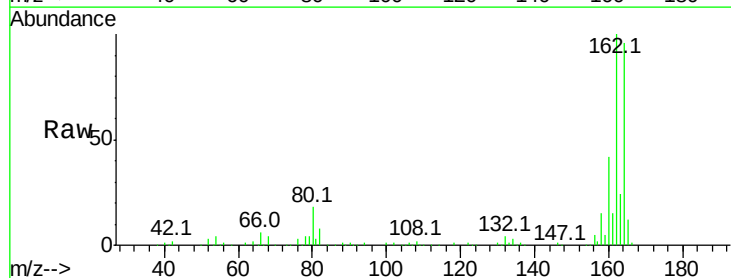
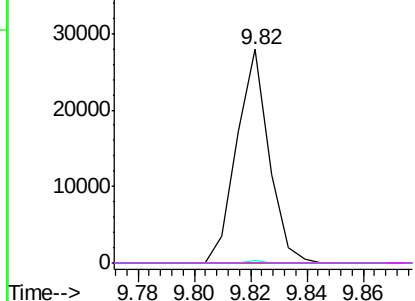
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

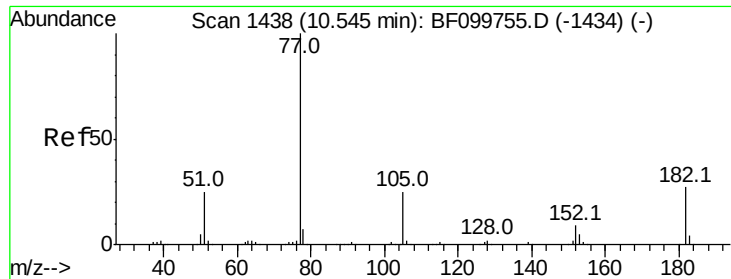
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#62

Azobenzene

Concen: 4.515 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF099949.D

Acq: 29 Oct 2017 7:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 52619

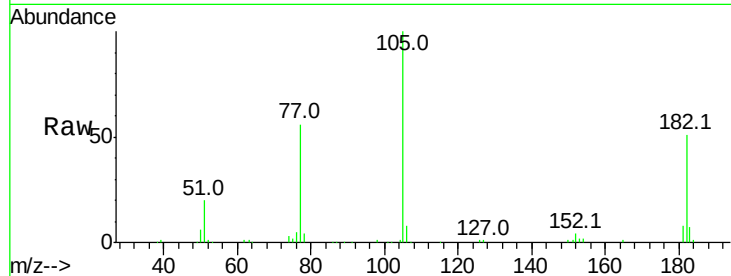
Ion Ratio Lower Upper

77 100

182 90.1 1.7 41.7#

105 178.2 3.0 43.0#

51 36.1 9.9 49.9

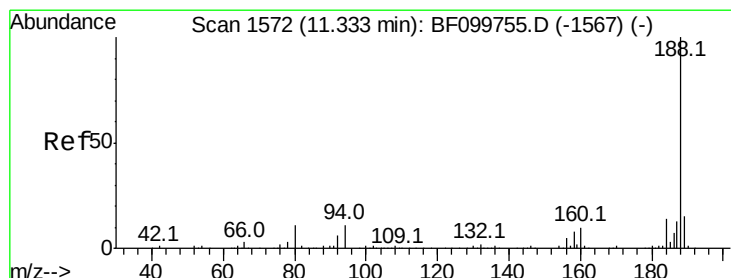
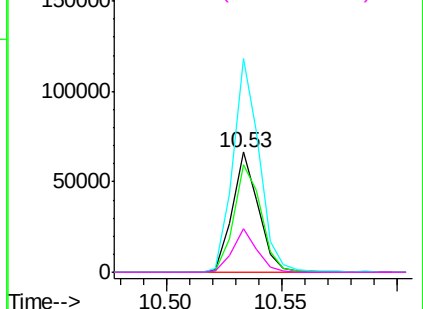
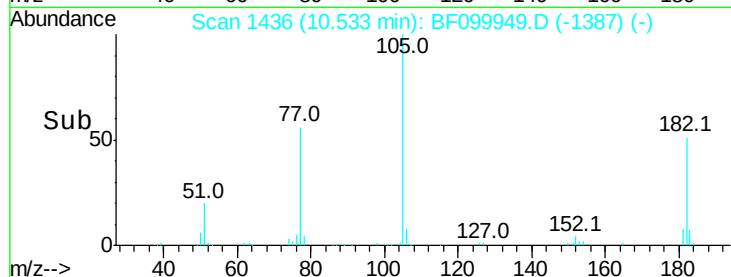


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF099949.D

Acq: 29 Oct 2017 7:55

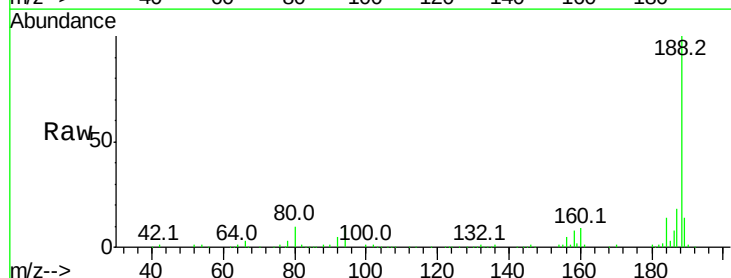
Tgt Ion: 188 Resp: 250903

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

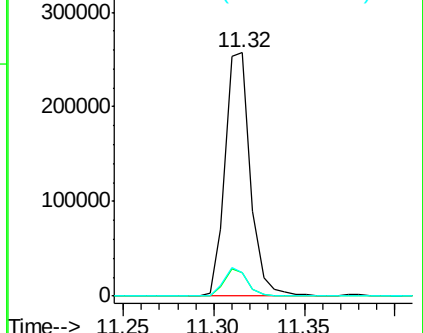
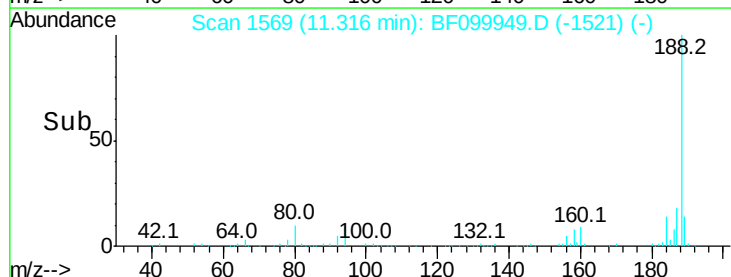
80 9.6 9.2 13.8

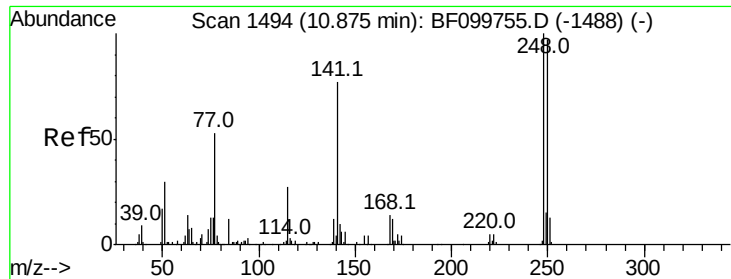


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

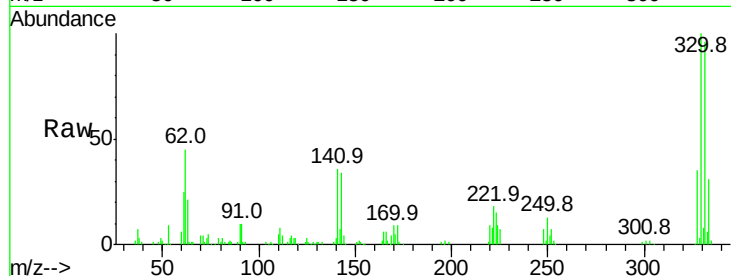




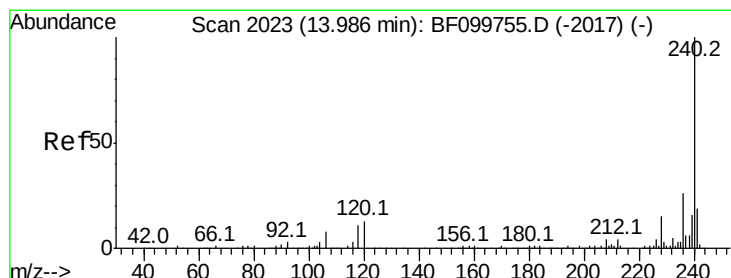
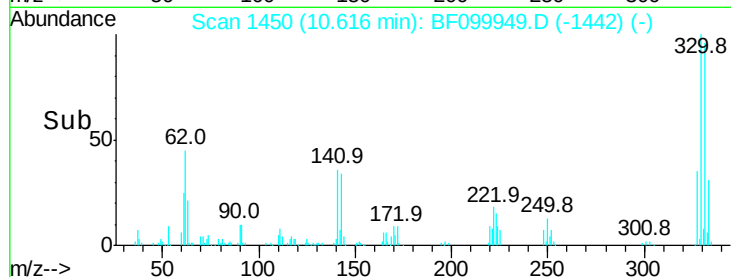
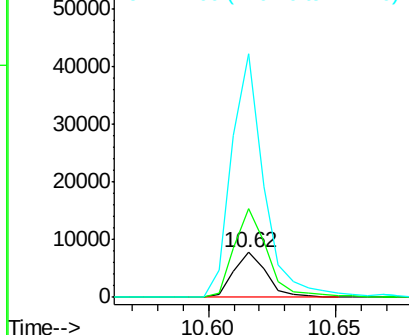
#66
4-Bromophenyl-phenylether
Concen: 2.664 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7037
Ion Ratio Lower Upper
248 100
250 198.6 76.9 115.3#
141 543.2 74.4 111.6#

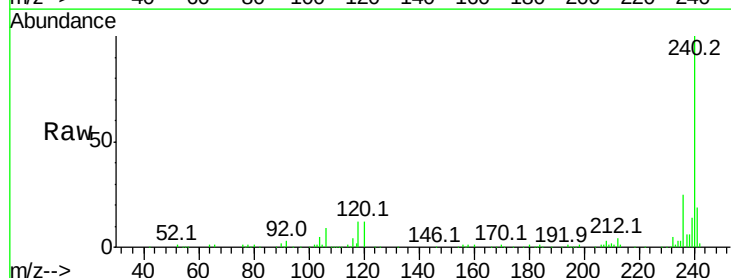


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

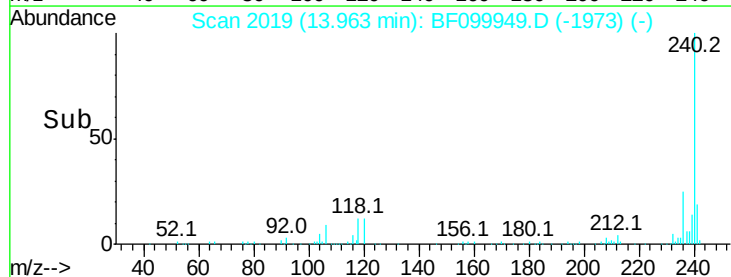
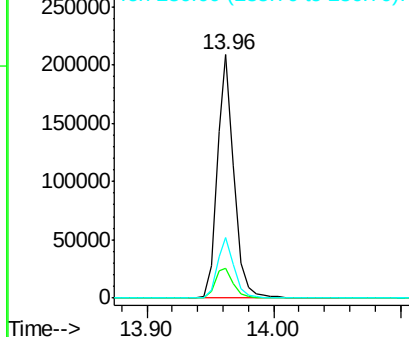


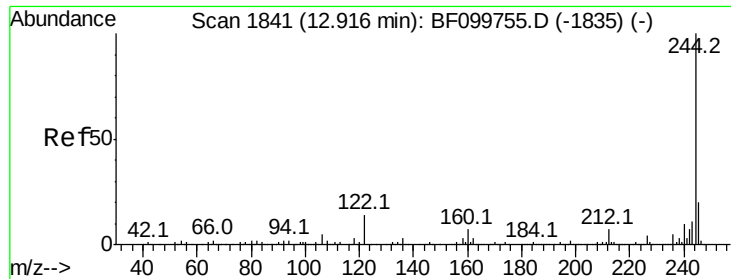
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion:240 Resp: 192127
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 24.8 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: 81.735 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099949.D

Acq: 29 Oct 2017 7:55

Instrument :

BNA_F

ClientSampleId :

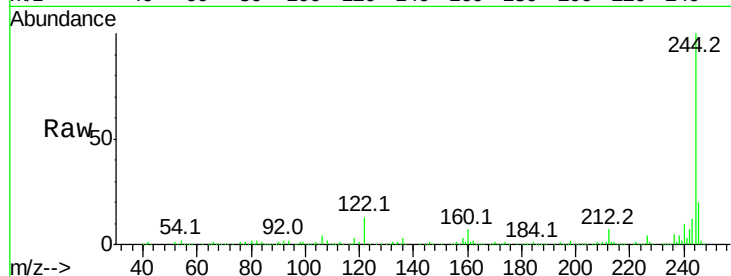
Tot Ion:244 Resp: 718574

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

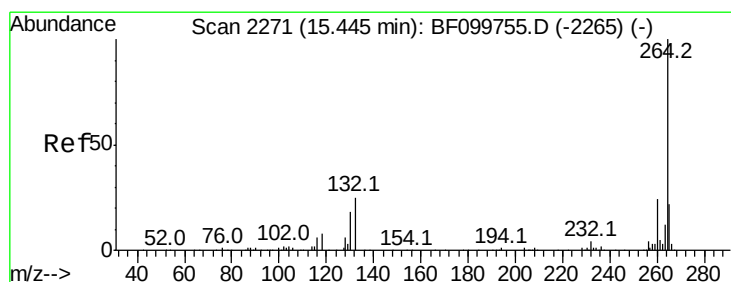
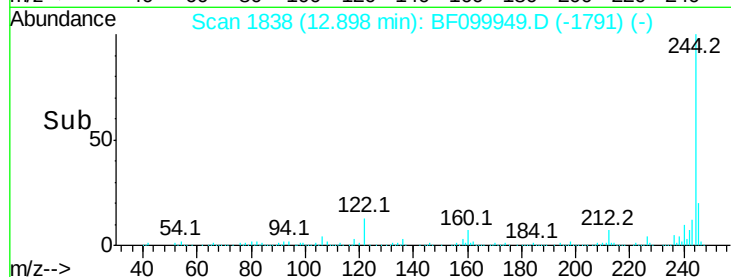
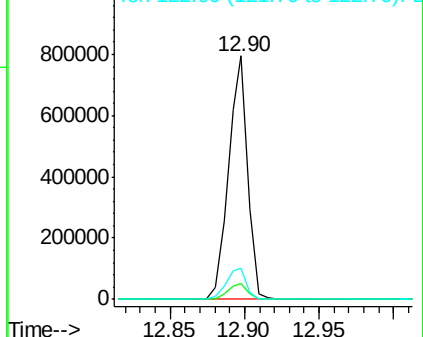
122 12.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.04 min

Lab File: BF099949.D

Acq: 29 Oct 2017 7:55

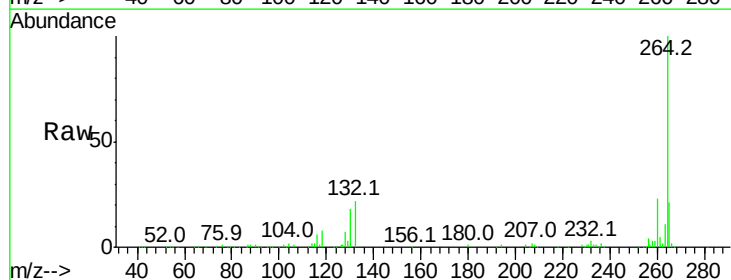
Tgt Ion:264 Resp: 183029

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.4 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

