

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093955.D
 Acq On : 27 Mar 2017 21:23
 Operator : SJ/MA
 Sample : I2409-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Quant Time: Mar 28 00:28:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

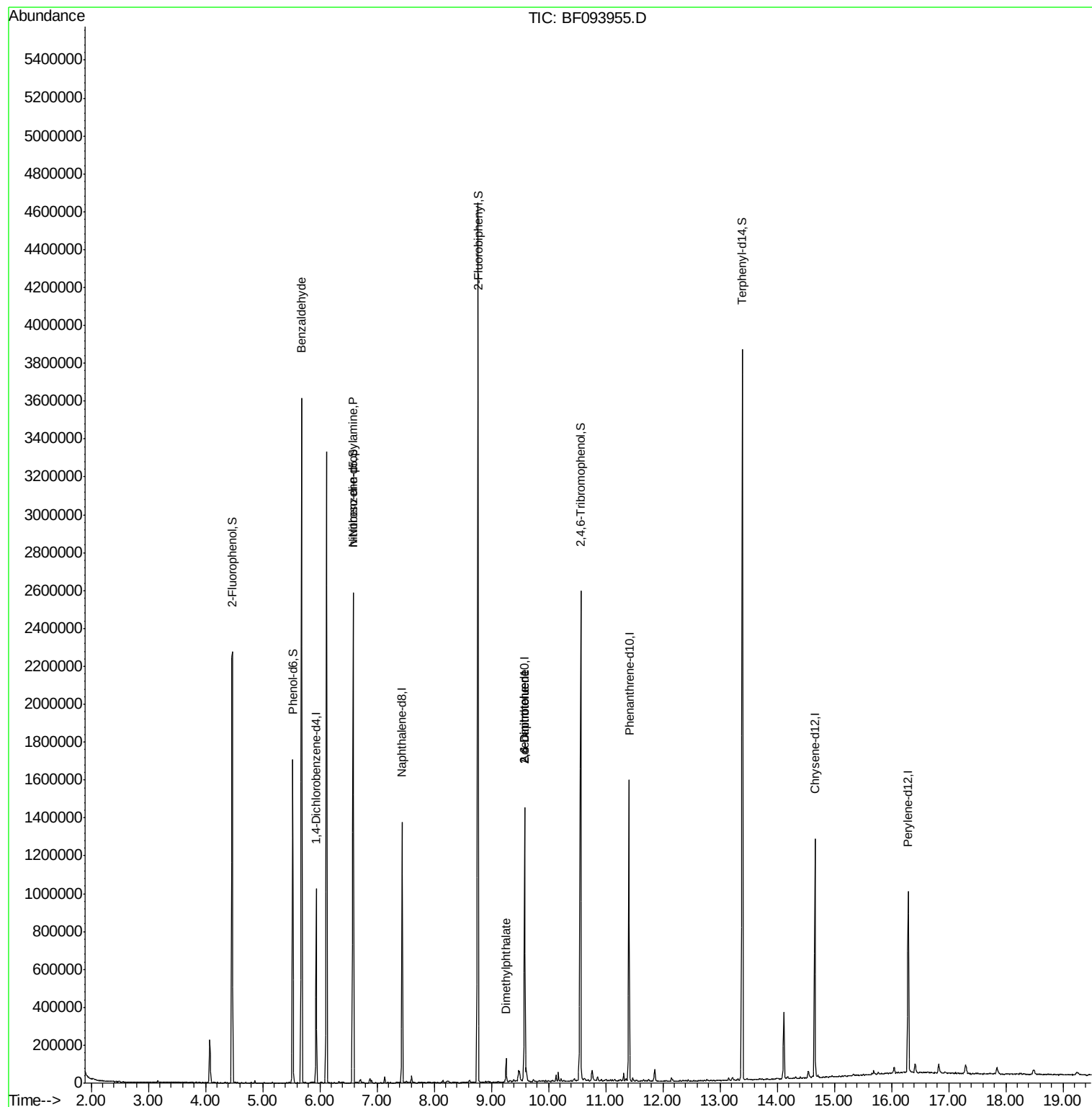
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	173029	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	704278	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	333107	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	602831	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	514253	20.00	ng	-0.02
86) Perylene-d12	16.29	264	393076	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	703611	68.68	ng	0.00
7) Phenol-d6	5.53	99	569146	44.91	ng	-0.02
23) Nitrobenzene-d5	6.59	82	1059129	85.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	396670	150.70	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1903594	87.16	ng	-0.01
78) Terphenyl-d14	13.39	244	1646884	71.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	5.68	77	24987	2.92	ng	# 76
19) n-Nitroso-di-n-propylamine	6.59	70	139511	17.13	ng	# 79
49) Dimethylphthalate	9.26	163	55923	2.36	ng	98
50) 2,6-Dinitrotoluene	9.59	165	42595	7.85	ng	# 34
56) 2,4-Dinitrotoluene	9.59	165	42606	6.25	ng	# 33

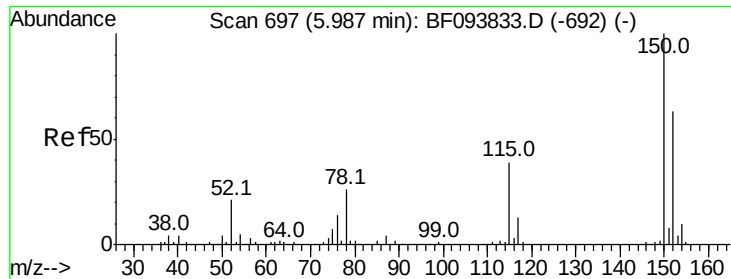
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

Instrument :

BNA_F

ClientSampleId :

PZ-4

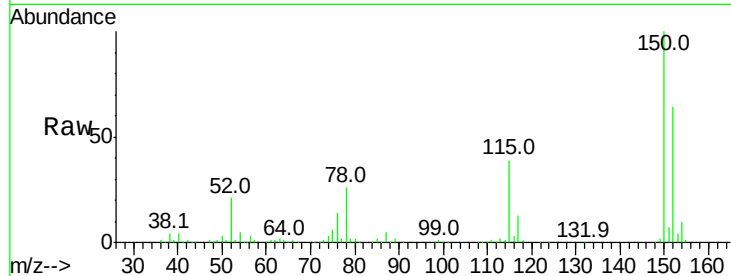
Tot Ion:152 Resp: 173029

Ion Ratio Lower Upper

152 100

150 155.1 126.2 189.2

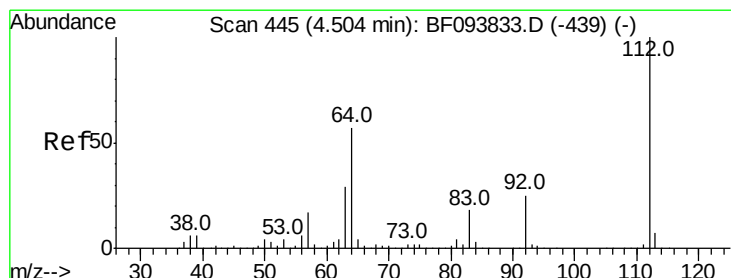
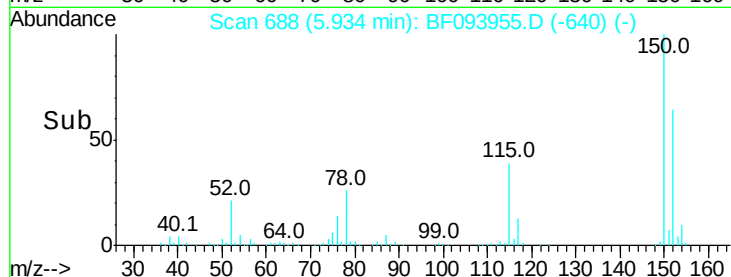
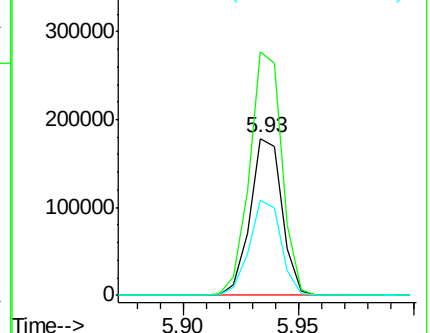
115 61.0 52.2 78.2



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: 68.68 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

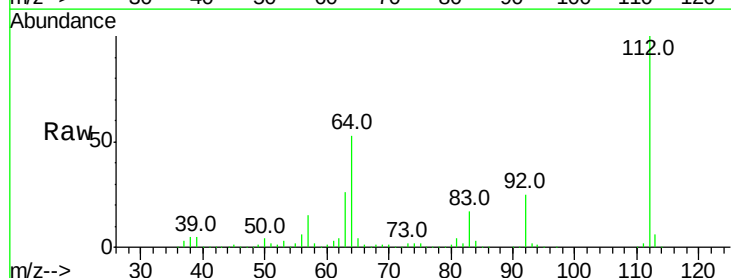
Tgt Ion:112 Resp: 703611

Ion Ratio Lower Upper

112 100

64 53.5 46.0 69.0

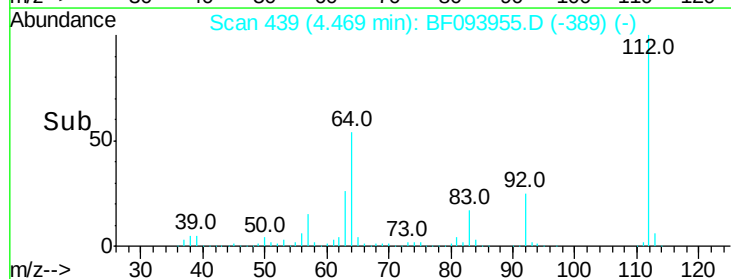
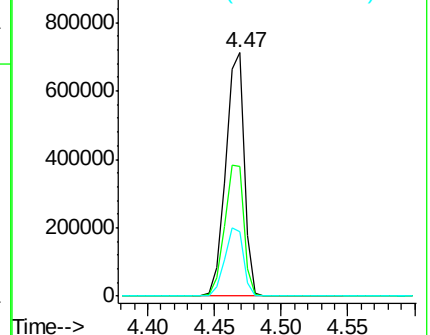
63 26.2 23.4 35.0

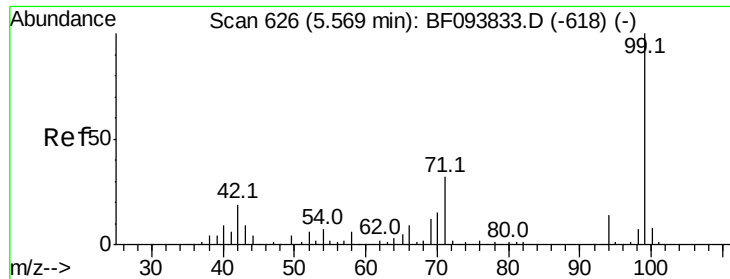


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.91 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

Instrument :

BNA_F

ClientSampled :

PZ-4

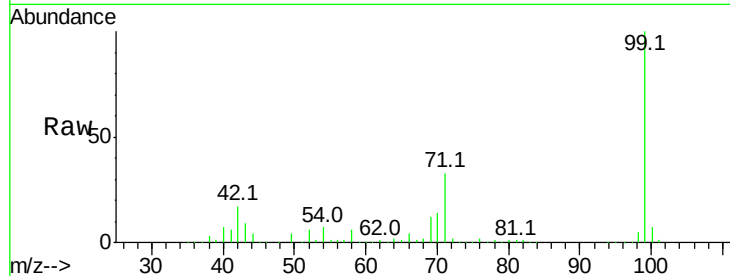
Tot Ion: 99 Resp: 569146

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

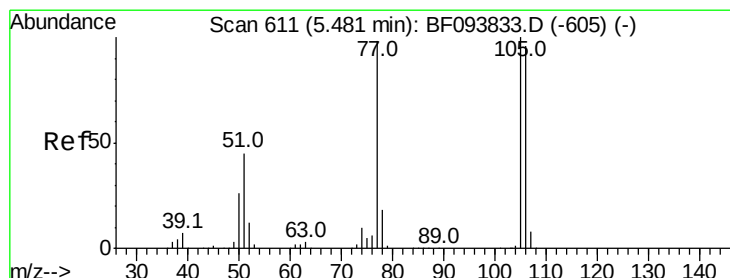
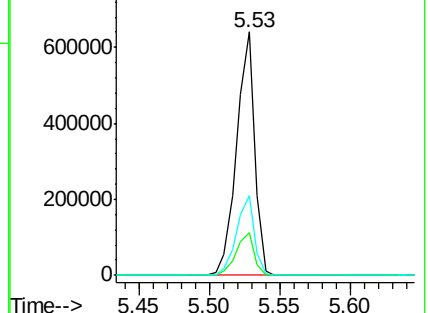
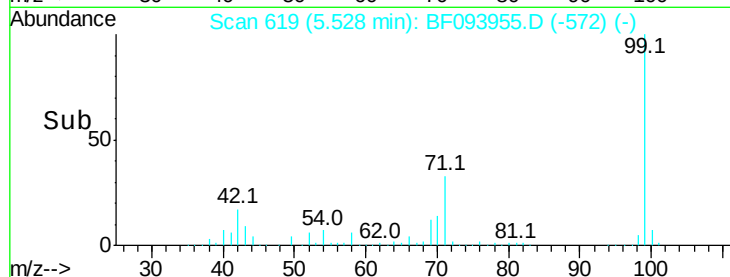
71 33.0 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.92 ng

RT: 5.68 min Scan# 645

Delta R.T. 0.24 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

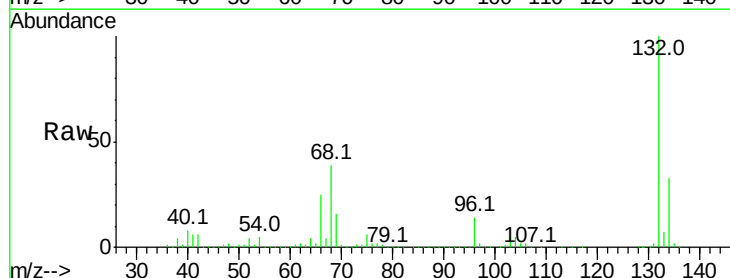
Tgt Ion: 77 Resp: 24987

Ion Ratio Lower Upper

77 100

105 76.4 83.8 123.8#

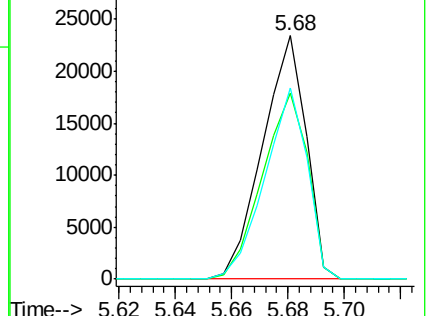
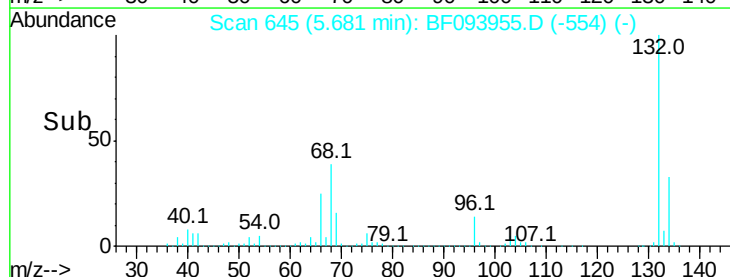
106 78.7 79.1 119.1#

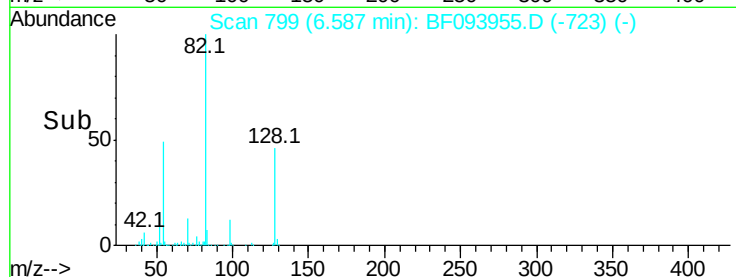
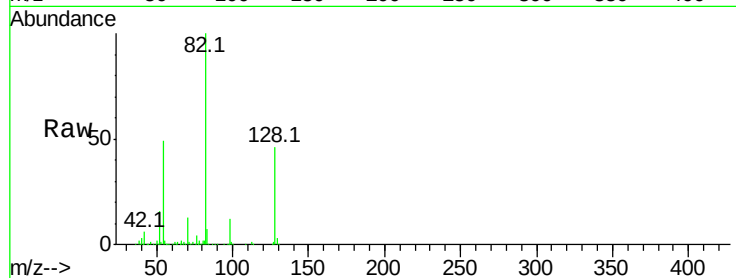
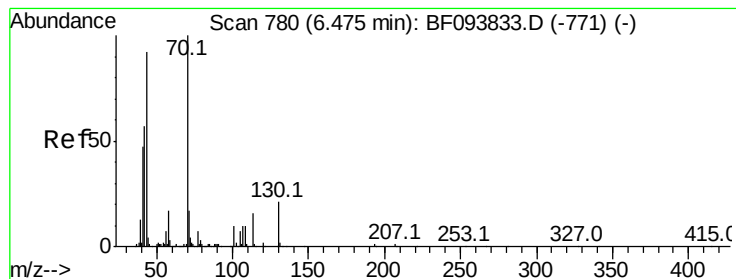


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.13 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

Instrument :

BNA_F

ClientSampleId :

PZ-4

Tot Ion: 70 Resp: 139511

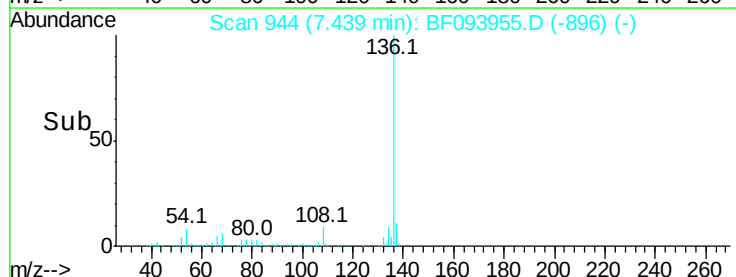
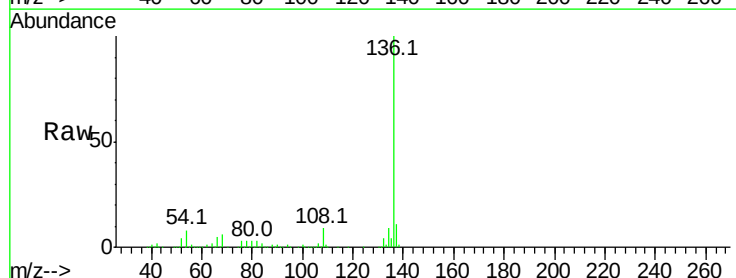
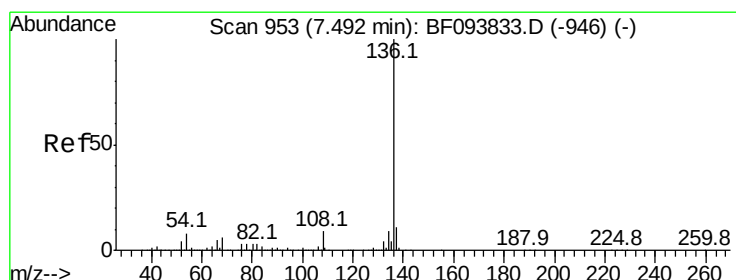
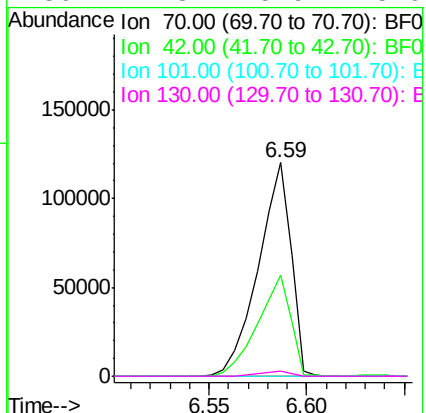
Ion Ratio Lower Upper

70 100

42 47.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

Tgt Ion: 136 Resp: 704278

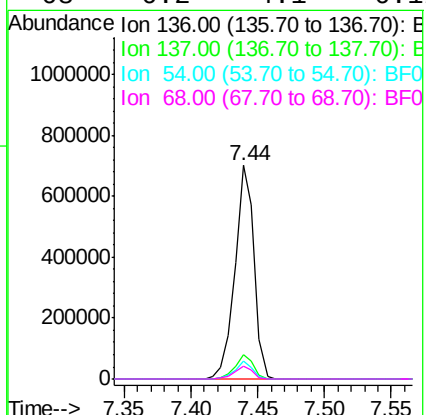
Ion Ratio Lower Upper

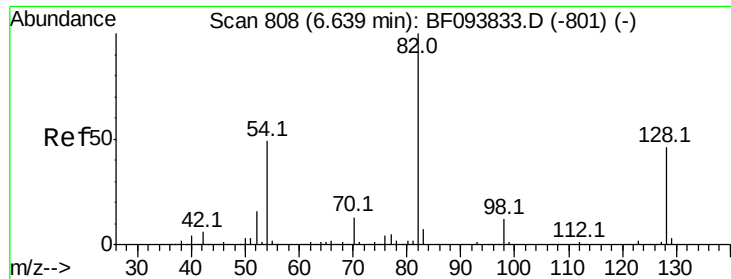
136 100

137 11.4 8.5 12.7

54 8.1 4.9 7.3#

68 6.2 4.1 6.1#

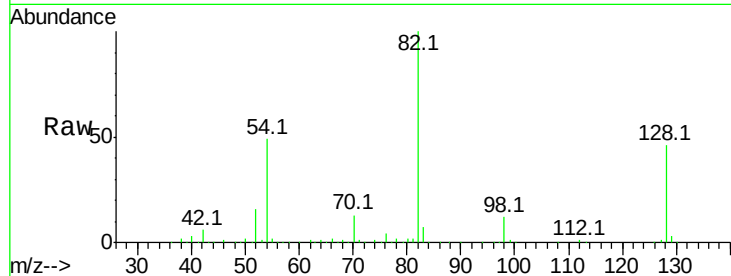




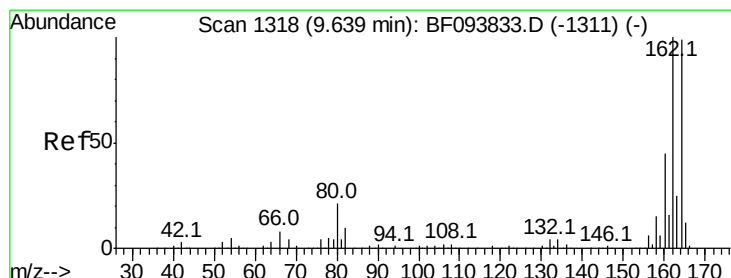
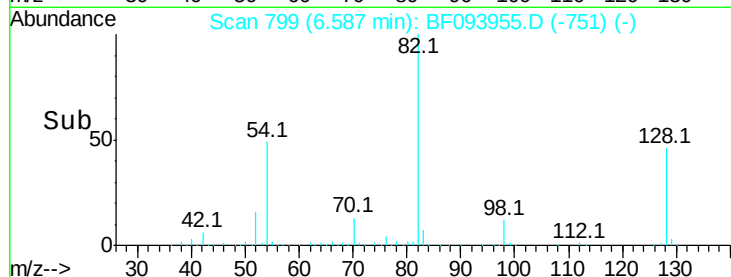
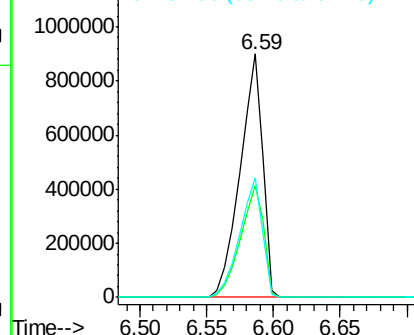
#23
Nitrobenzene-d5
Concen: 85.82 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093955.D
Acq: 27 Mar 2017 21:23

Instrument :
BNA_F
ClientSampleId :
PZ-4

Tot Ion: 82 Resp: 1059129
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 49.2 42.2 63.2

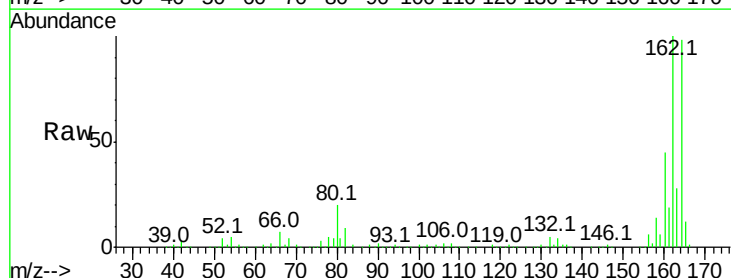


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

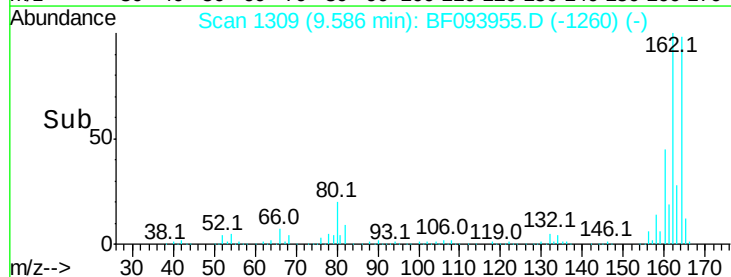
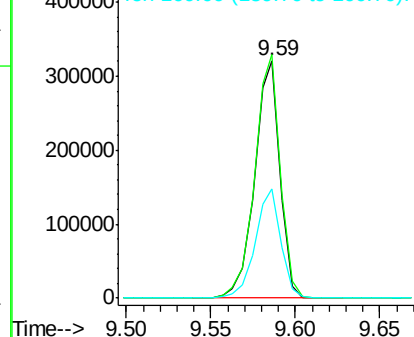


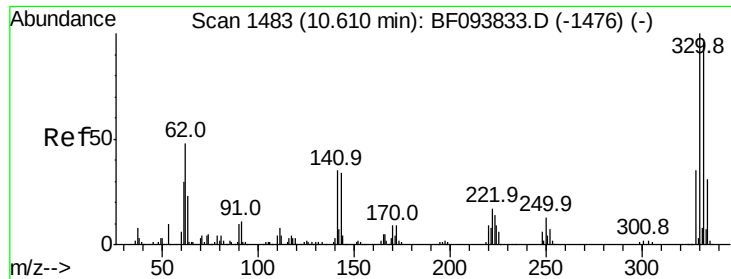
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093955.D
Acq: 27 Mar 2017 21:23

Tgt Ion:164 Resp: 333107
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 46.2 36.2 54.2



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

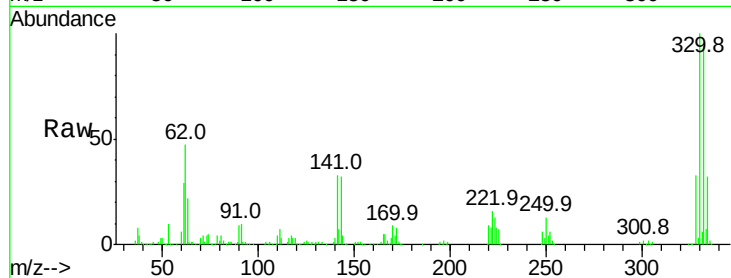




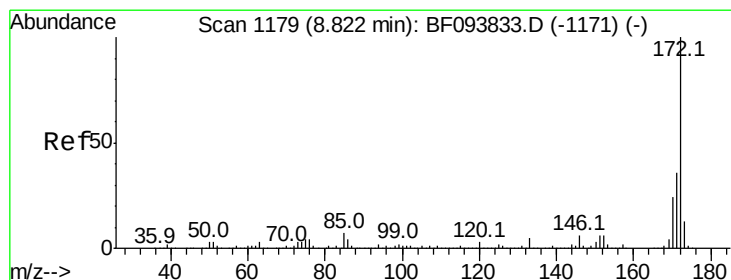
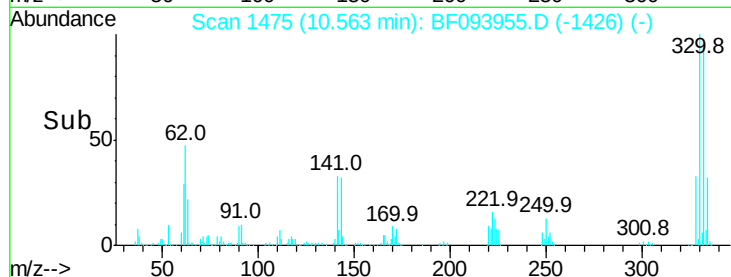
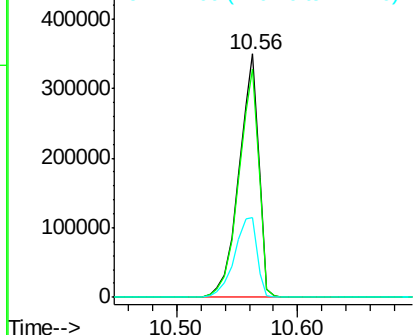
#41
 2,4,6-Tribromophenol
 Concen: 150.70 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093955.D
 Acq: 27 Mar 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Tot Ion:330 Resp: 396670
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 38.0 31.4 47.2

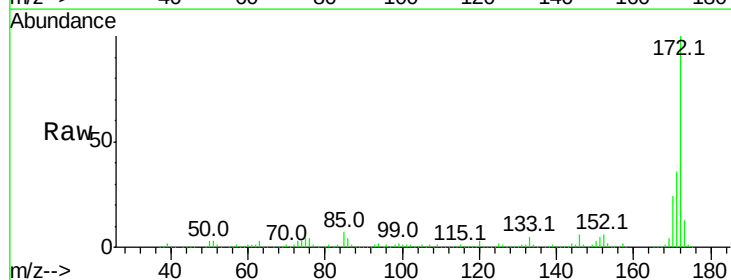


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

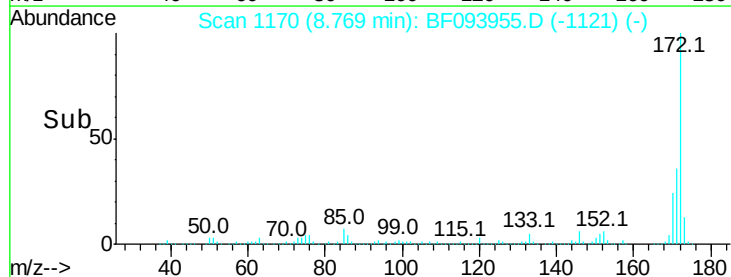
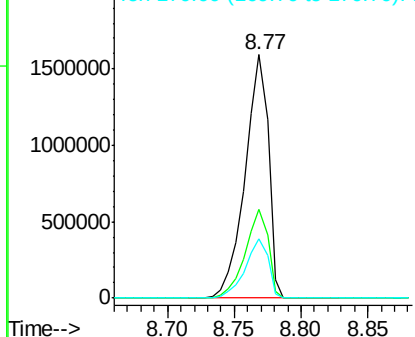


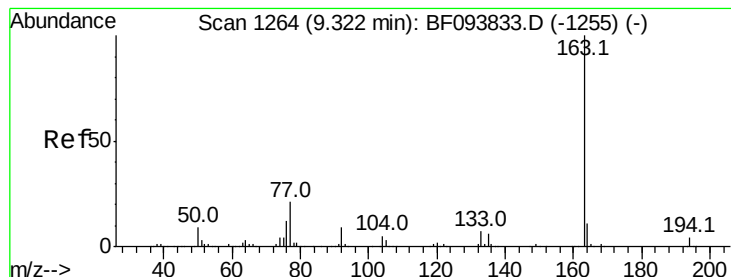
#44
 2-Fluorobiphenyl
 Concen: 87.16 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093955.D
 Acq: 27 Mar 2017 21:23

Tgt Ion:172 Resp: 1903594
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.3 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





#49

Dimethylphthalate

Concen: 2.36 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

Instrument :

BNA_F

ClientSampleId :

PZ-4

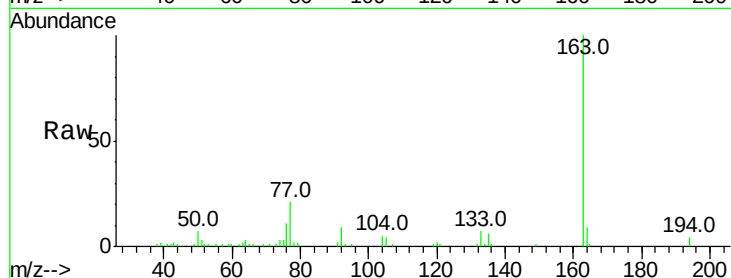
Tot Ion:163 Resp: 55923

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

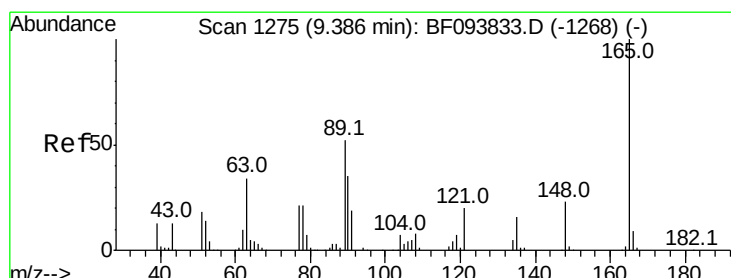
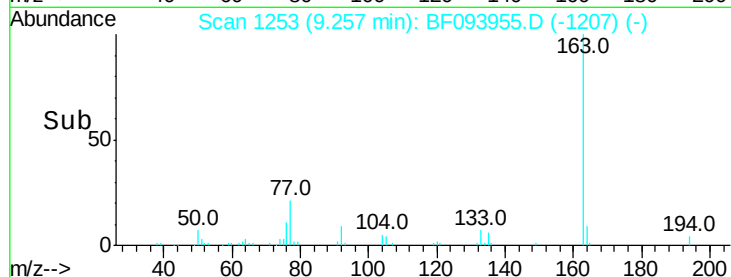
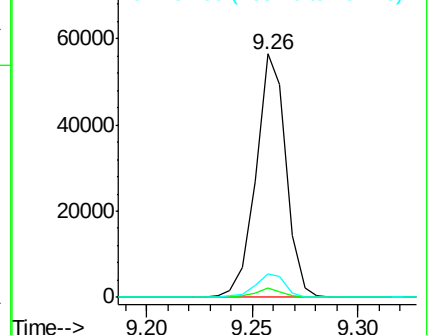
164 9.4 8.4 12.6



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: 7.85 ng

RT: 9.59 min Scan# 1309

Delta R.T. 0.24 min

Lab File: BF093955.D

Acq: 27 Mar 2017 21:23

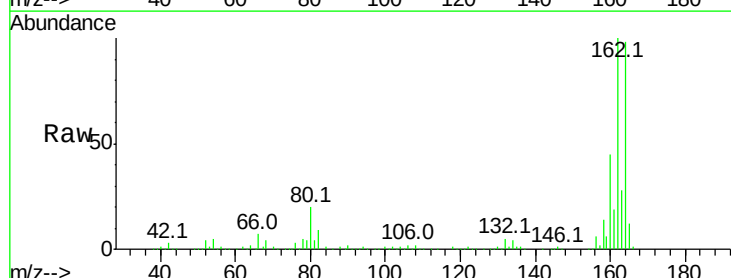
Tgt Ion:165 Resp: 42595

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

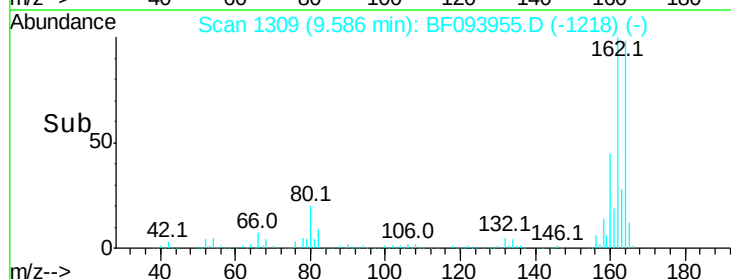
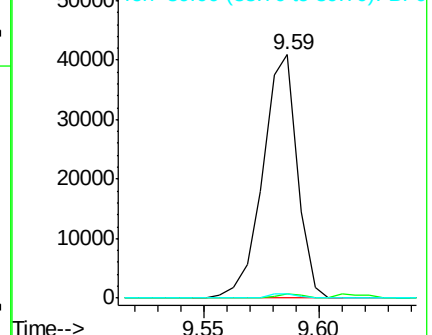
89 1.6 37.1 55.7#

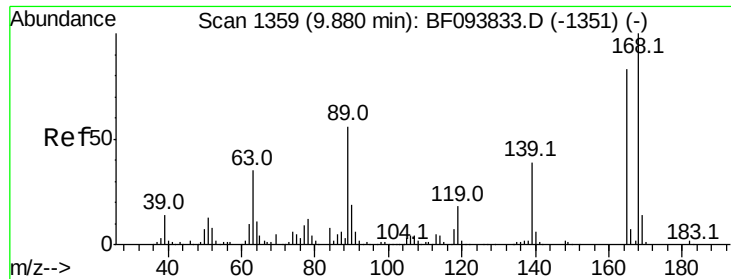


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

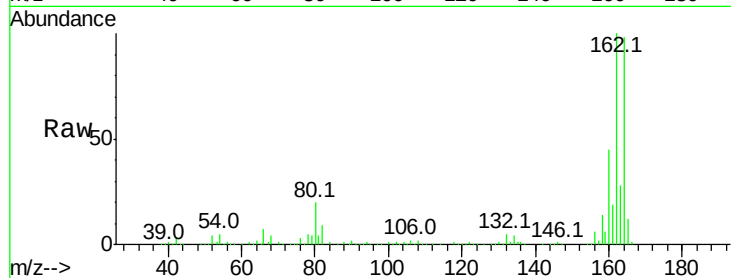




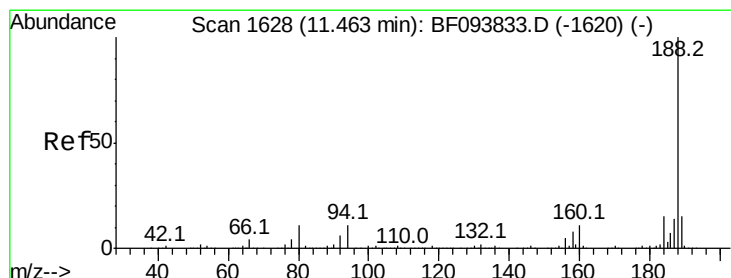
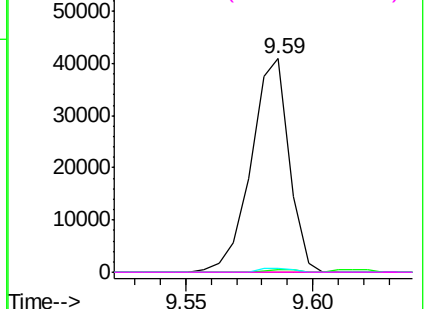
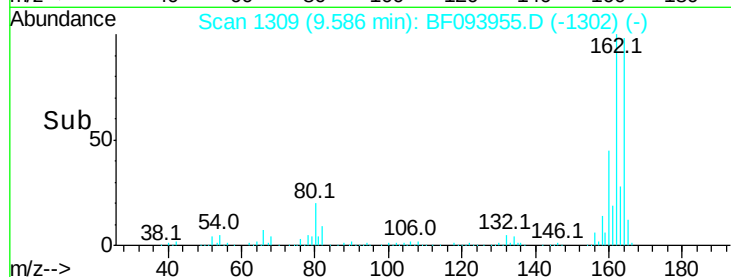
#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.26 min
 Lab File: BF093955.D
 Acq: 27 Mar 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Tot Ion:165 Resp: 42606
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#

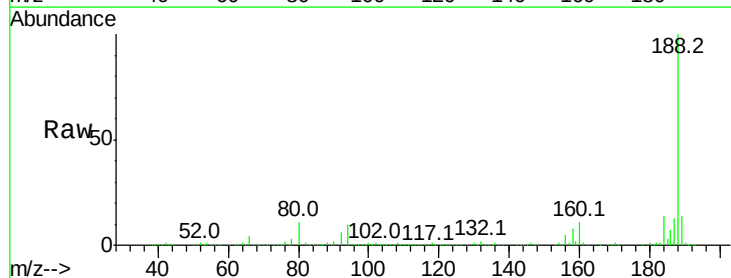


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

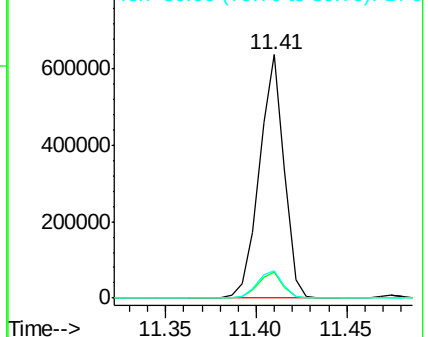
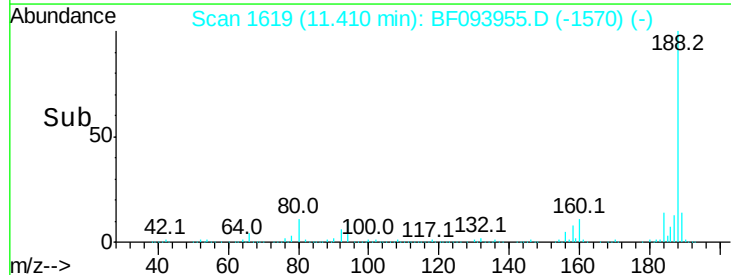


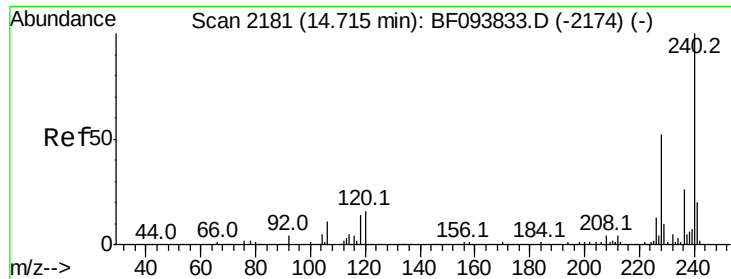
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF093955.D
 Acq: 27 Mar 2017 21:23

Tgt Ion:188 Resp: 602831
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.1 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

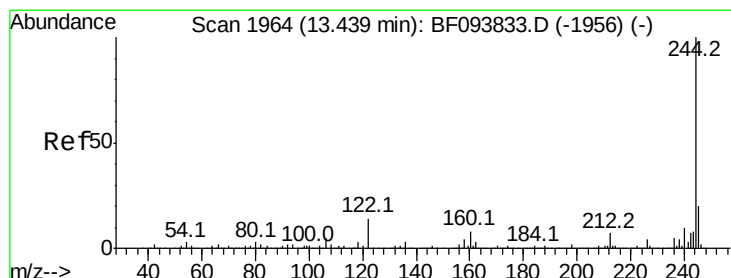
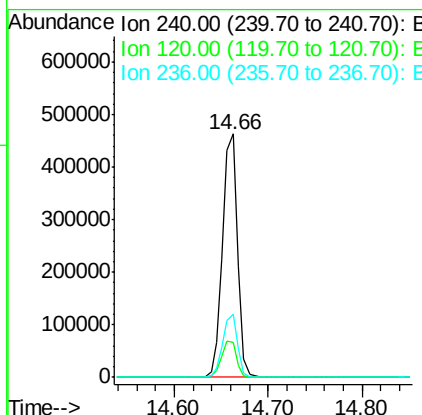
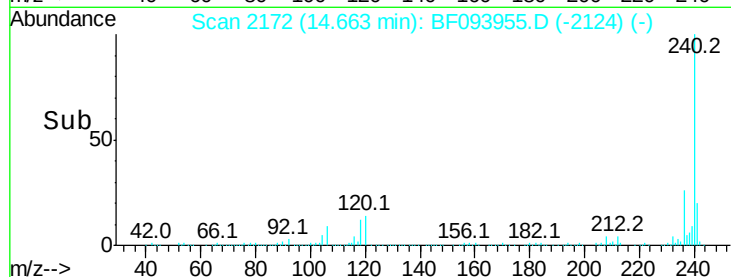
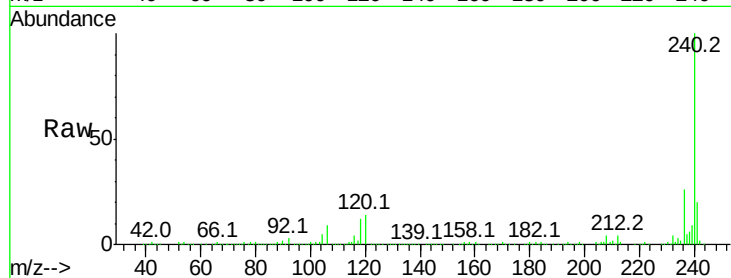




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BF093955.D
 Acq: 27 Mar 2017 21:23

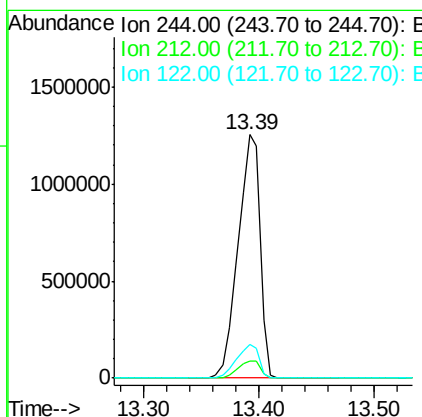
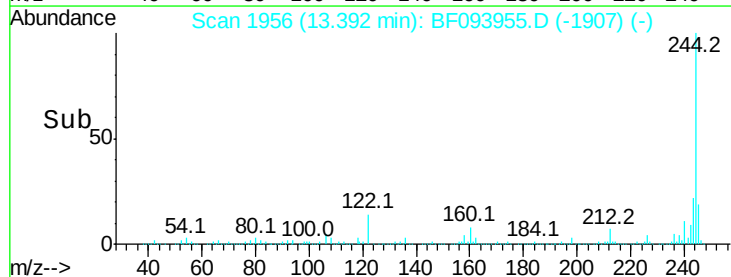
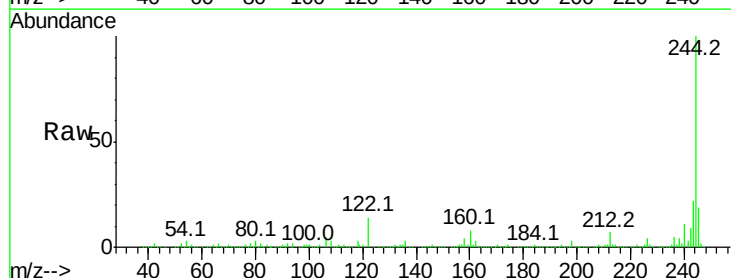
Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

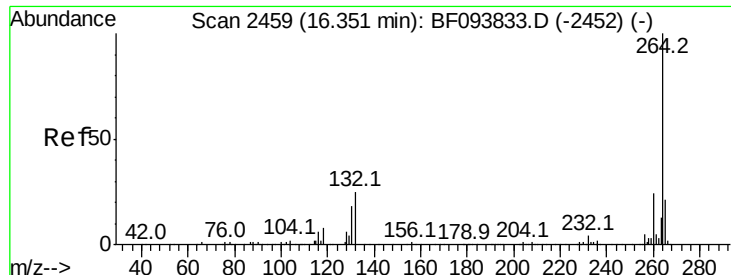
Tot Ion:240 Resp: 514253
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 25.9 20.5 30.7



#78
 Terphenyl-d14
 Concen: 71.78 ng
 RT: 13.39 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BF093955.D
 Acq: 27 Mar 2017 21:23

Tgt Ion:244 Resp: 1646884
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.8 10.3 15.5

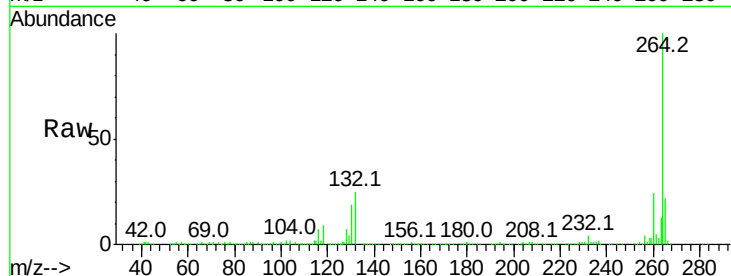




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.29 min Scan# 2449
 Delta R.T. -0.02 min
 Lab File: BF093955.D
 Acq: 27 Mar 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Tot Ion:	264	Resp:	393076
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.5	17.2	25.8



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

