

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093379.D
 Acq On : 4 Mar 2017 00:40
 Operator : SJ/MA
 Sample : I2078-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-2

Quant Time: Mar 04 01:35:23 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

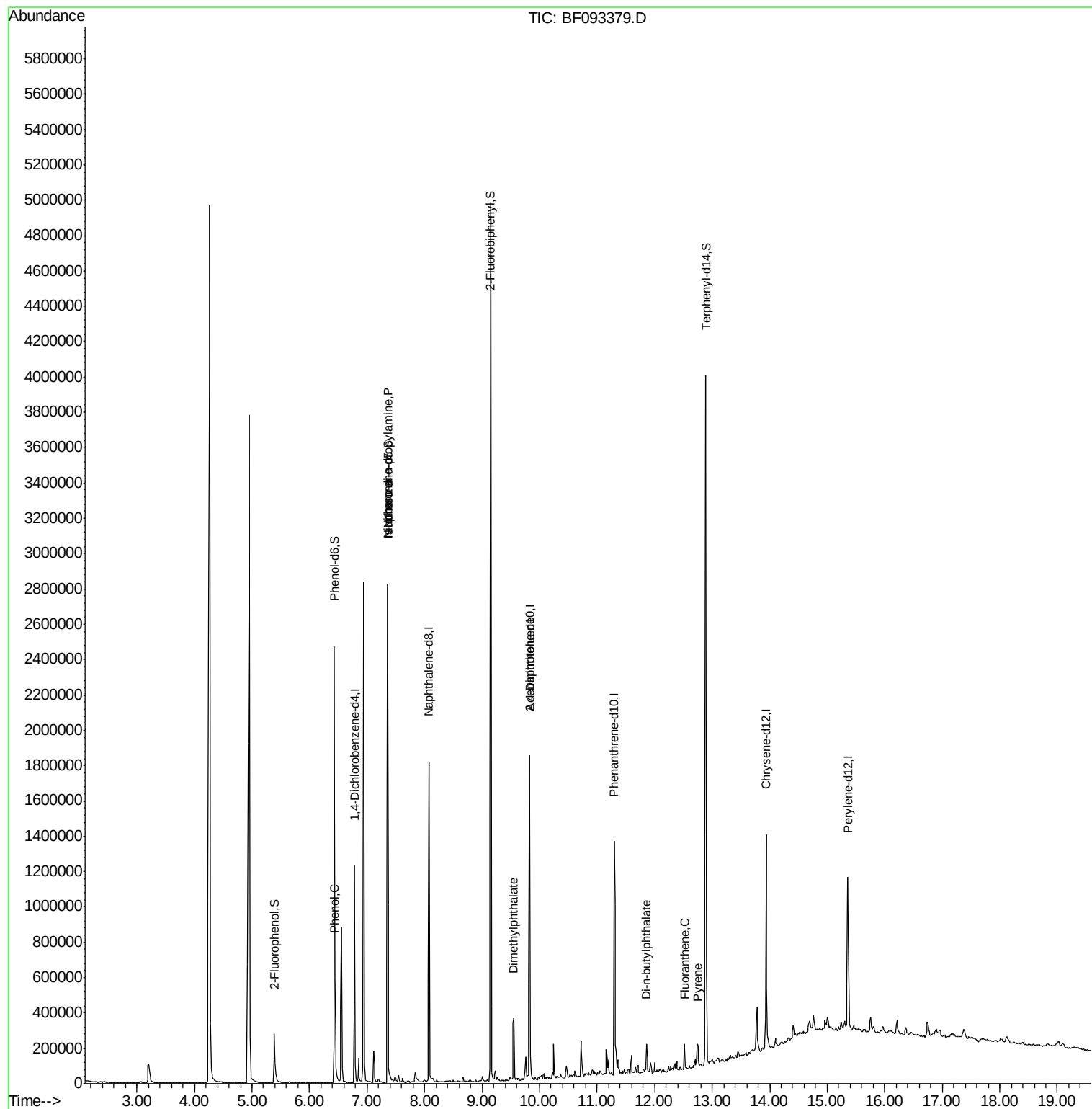
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	207584	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	861376	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	373611	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	646466	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	431777	20.00	ng	-0.08
86) Perylene-d12	15.36	264	361192	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	122075	10.09	ng	-0.06
7) Phenol-d6	6.43	99	853796	54.84	ng	-0.06
23) Nitrobenzene-d5	7.36	82	1070832	69.23	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	3878	1.44	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1625798	78.84	ng	-0.07
78) Terphenyl-d14	12.89	244	1268755	69.04	ng	-0.08
Target Compounds						
10) Phenol	6.44	94	53947	2.96	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.36	70	144015	14.53	ng	# 84
25) Isophorone	7.36	82	916822	31.81	ng	# 65
49) Dimethylphthalate	9.55	163	222405	8.84	ng	# 98
56) 2,4-Dinitrotoluene	9.82	165	48815	6.75	ng	# 20
73) Di-n-butylphthalate	11.86	149	100094	2.60	ng	99
74) Fluoranthene	12.52	202	83628	2.19	ng	95
77) Pyrene	12.75	202	74074	2.29	ng	95

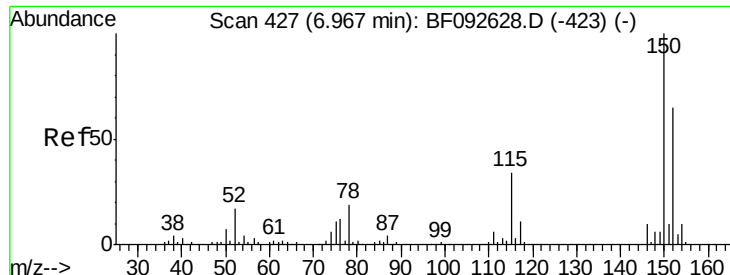
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF093379.D

Acq: 4 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

C-2

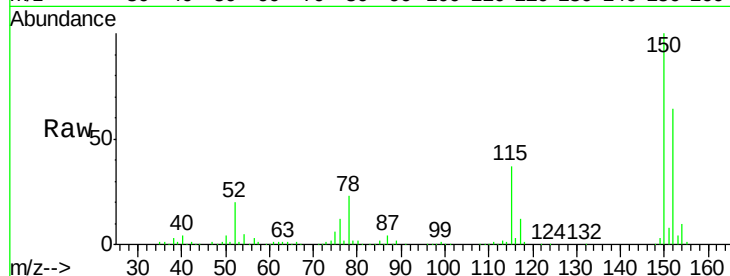
Tgt Ion:152 Resp: 207584

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

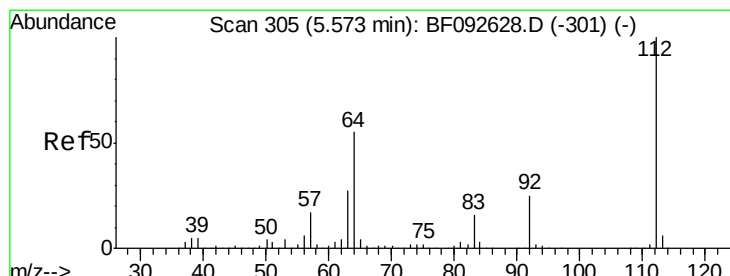
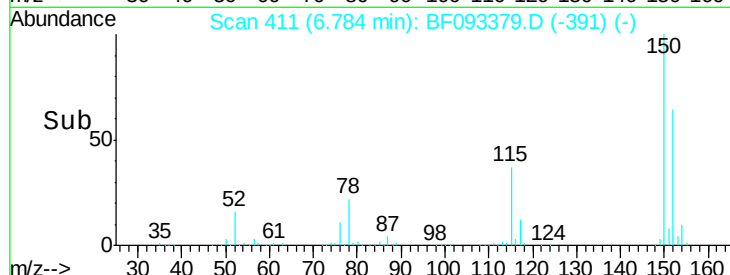
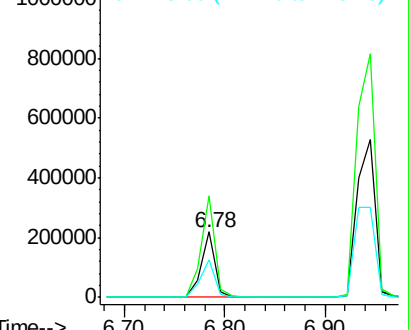
115 57.2 46.0 69.0



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: 10.09 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093379.D

Acq: 4 Mar 2017 00:40

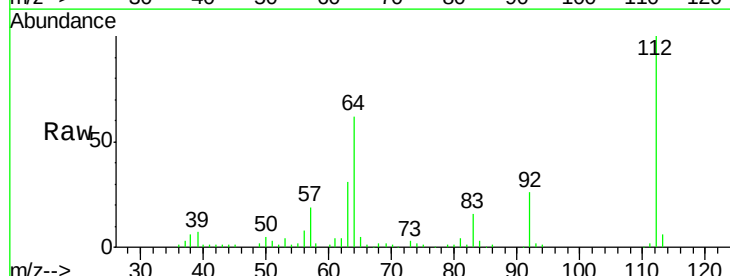
Tgt Ion:112 Resp: 122075

Ion Ratio Lower Upper

112 100

64 62.3 46.1 69.1

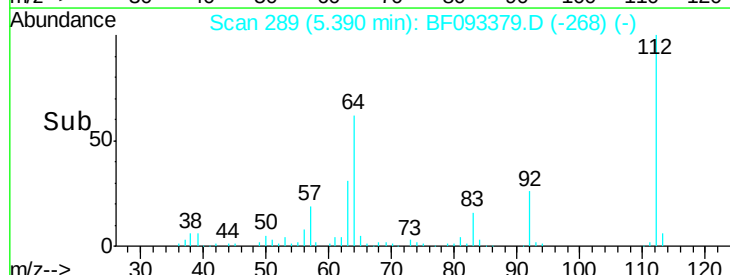
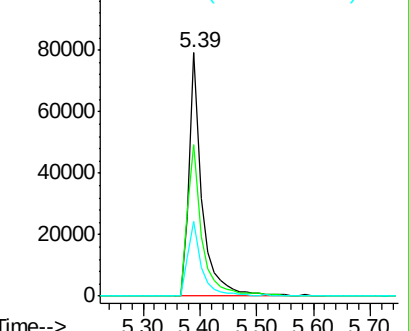
63 30.8 23.8 35.6

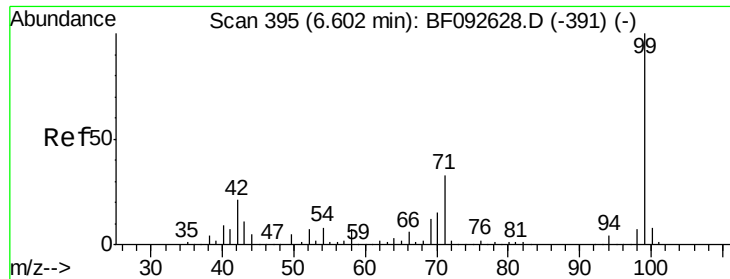


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 54.84 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF093379.D

Acq: 4 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

C-2

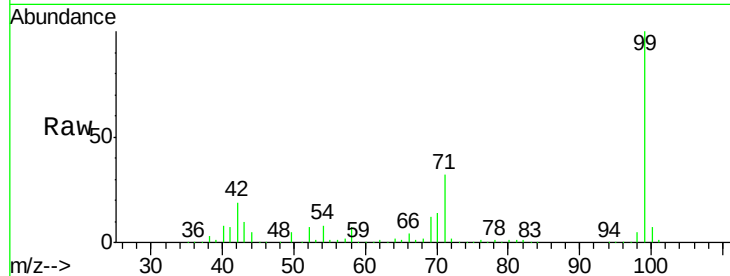
Tgt Ion: 99 Resp: 853796

Ion Ratio Lower Upper

99 100

42 19.3 15.6 23.4

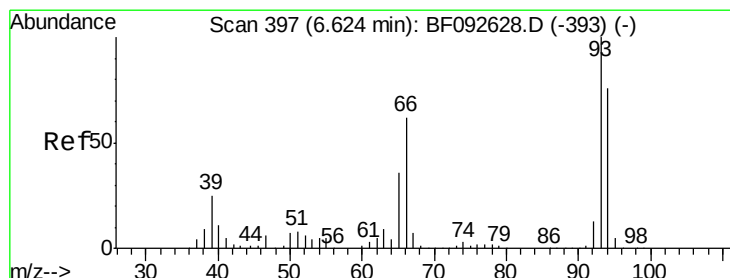
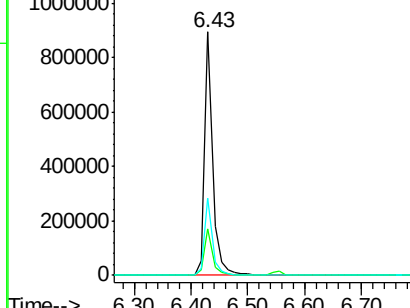
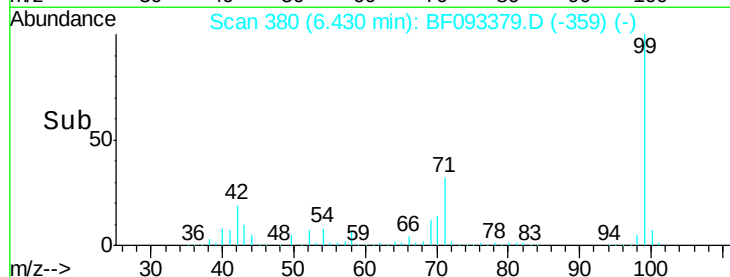
71 31.9 27.5 41.3



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: 2.96 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF093379.D

Acq: 4 Mar 2017 00:40

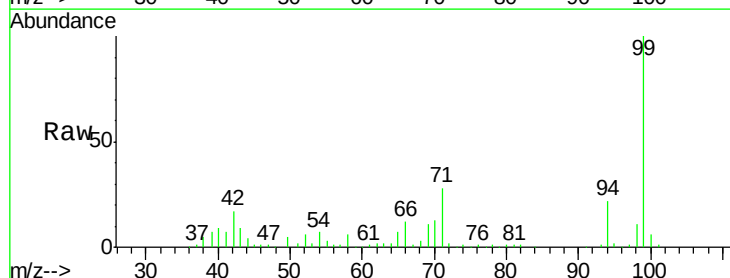
Tgt Ion: 94 Resp: 53947

Ion Ratio Lower Upper

94 100

65 31.8 21.4 61.4

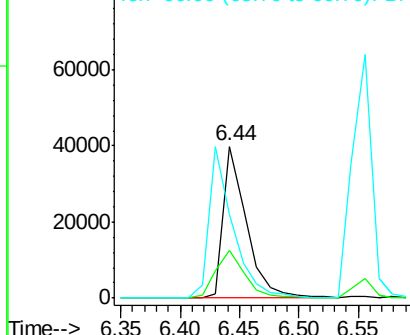
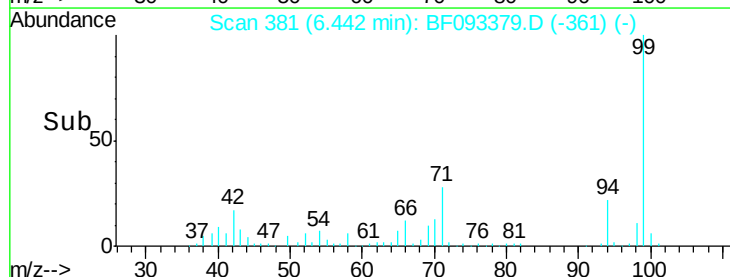
66 55.5 44.0 84.0

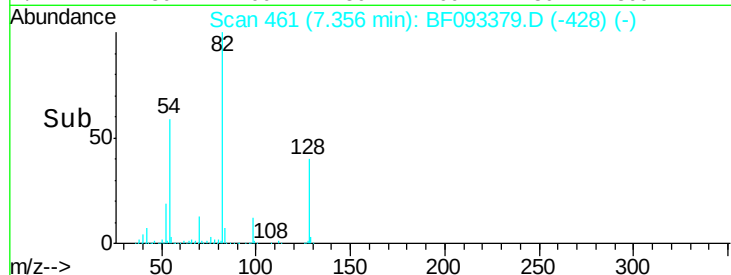
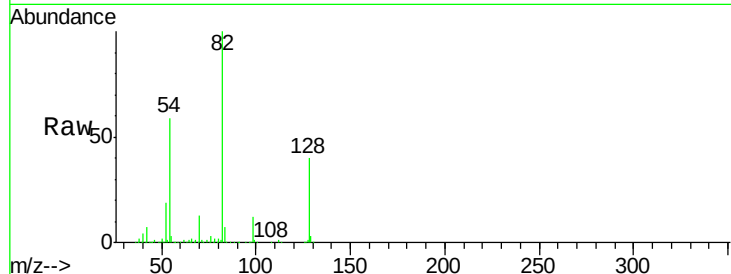
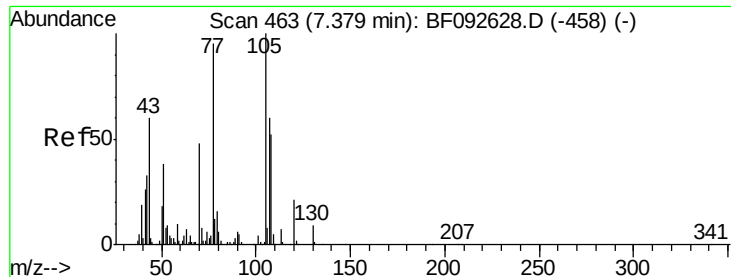


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

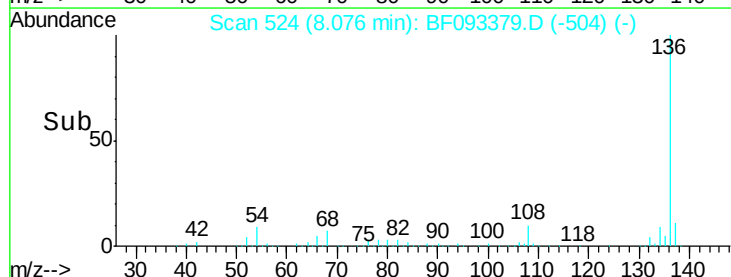
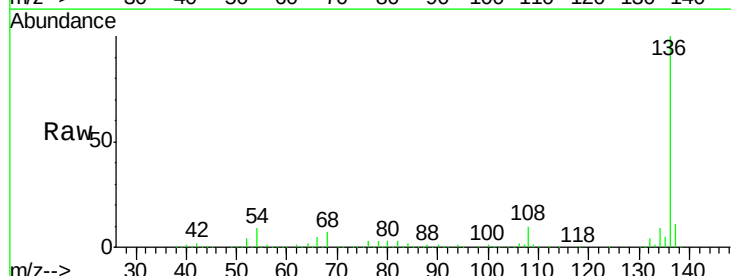
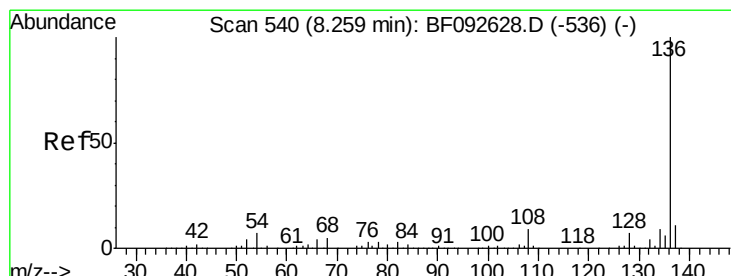
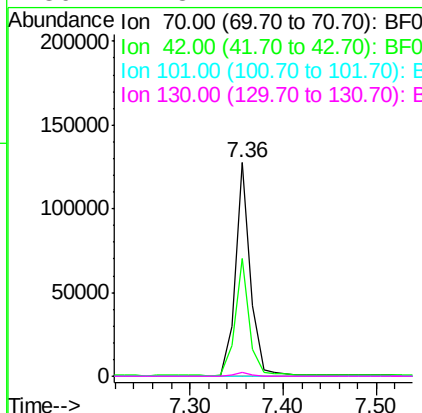




#19
n-Nitroso-di-n-propylamine
Concen: 14.53 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.08 min
Lab File: BF093379.D
Acq: 4 Mar 2017 00:40

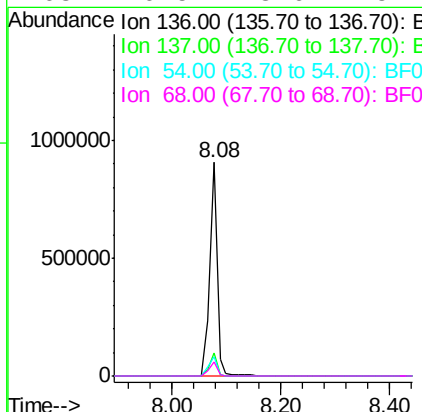
Instrument :
BNA_F
ClientSampleId :
C-2

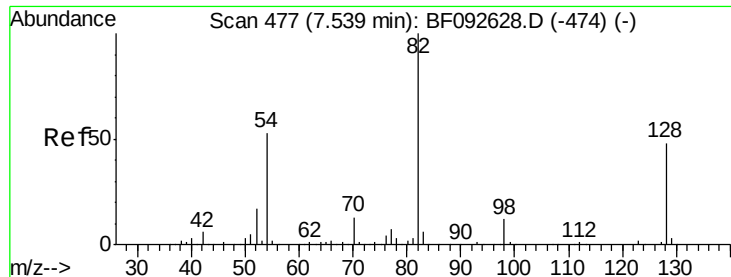
Tgt Ion: 70 Resp: 144015
Ion Ratio Lower Upper
70 100
42 55.0 49.4 74.0
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093379.D
Acq: 4 Mar 2017 00:40

Tgt Ion: 136 Resp: 861376
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.8 4.5 6.7#
68 6.5 3.6 5.4#

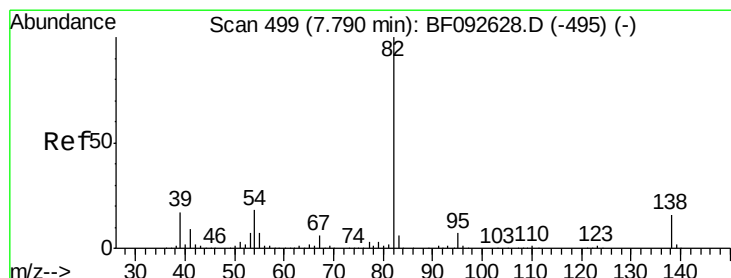
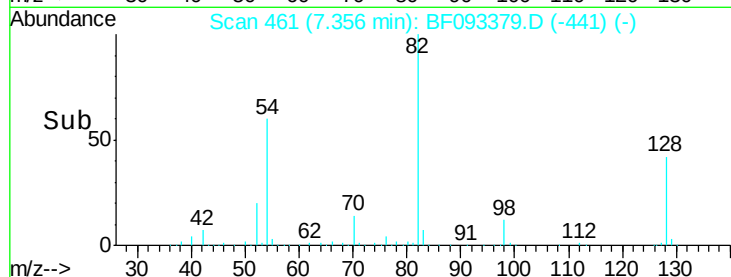
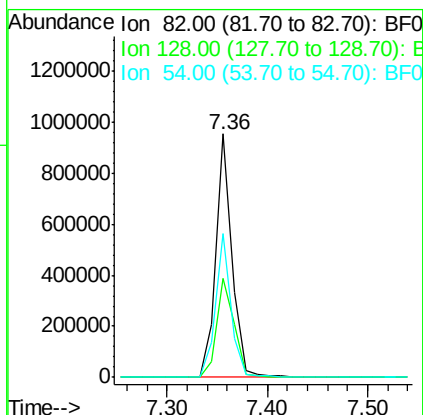
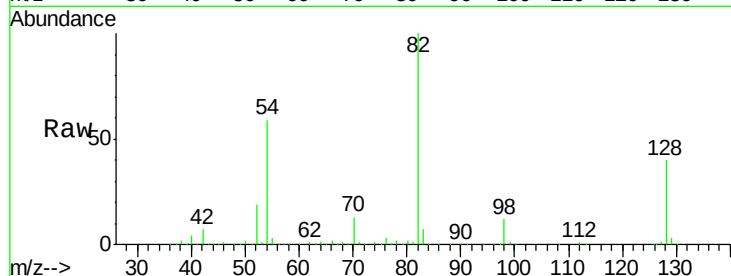




#23
 Nitrobenzene-d5
 Concen: 69.23 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.07 min
 Lab File: BF093379.D
 Acq: 4 Mar 2017 00:40

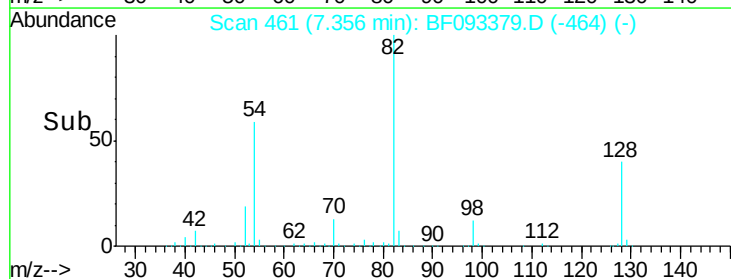
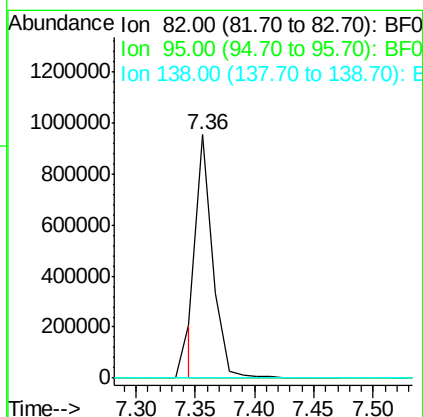
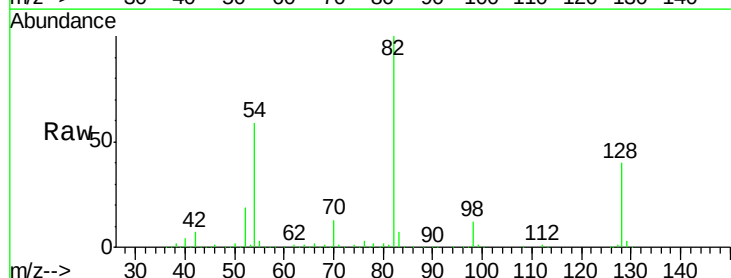
Instrument :
 BNA_F
 ClientSampled :
 C-2

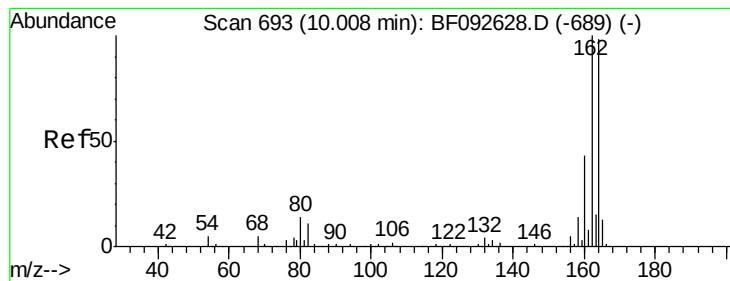
Tgt Ion: 82 Resp: 1070832
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.6 52.0
 54 58.8 39.5 59.3



#25
 Isophorone
 Concen: 31.81 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.33 min
 Lab File: BF093379.D
 Acq: 4 Mar 2017 00:40

Tgt Ion: 82 Resp: 916822
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF093379.D

Acq: 4 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

C-2

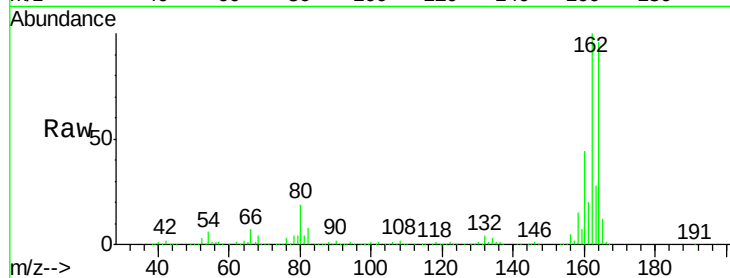
Tgt Ion:164 Resp: 373611

Ion Ratio Lower Upper

164 100

162 104.0 80.2 120.2

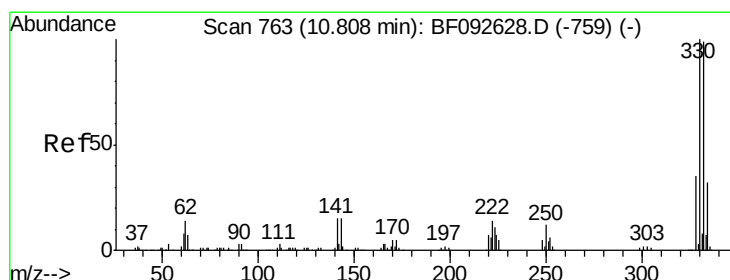
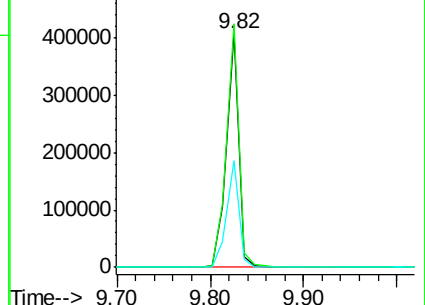
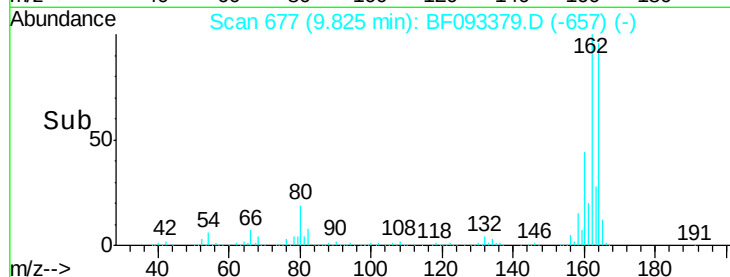
160 45.4 36.9 55.3



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: 1.44 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF093379.D

Acq: 4 Mar 2017 00:40

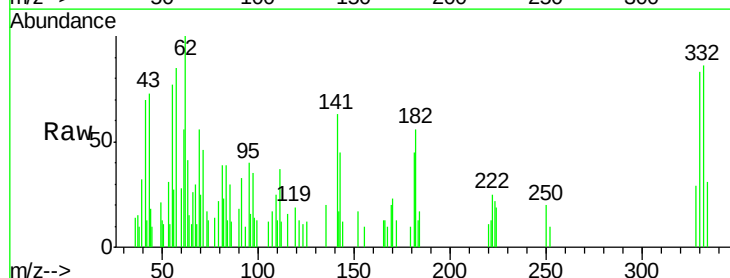
Tgt Ion:330 Resp: 3878

Ion Ratio Lower Upper

330 100

332 101.9 77.4 116.2

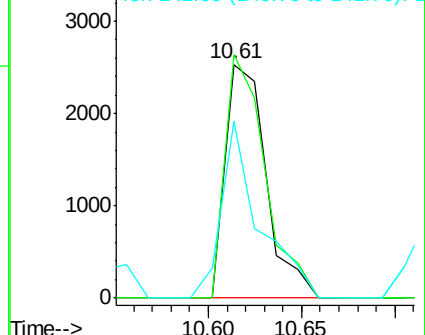
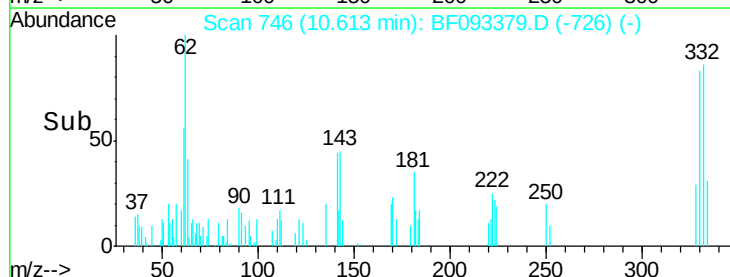
141 70.3 34.1 51.1#

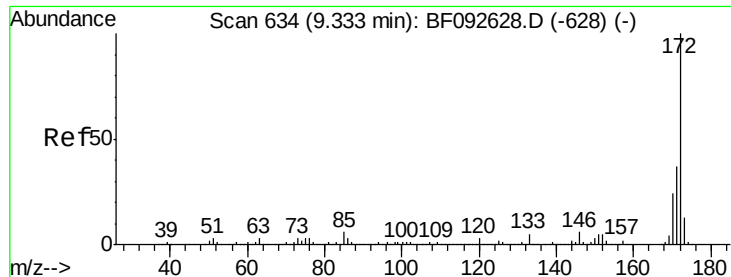


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

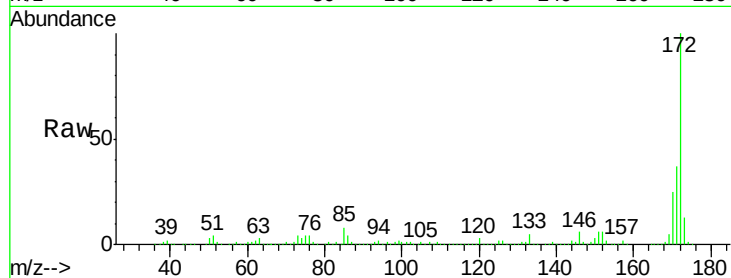




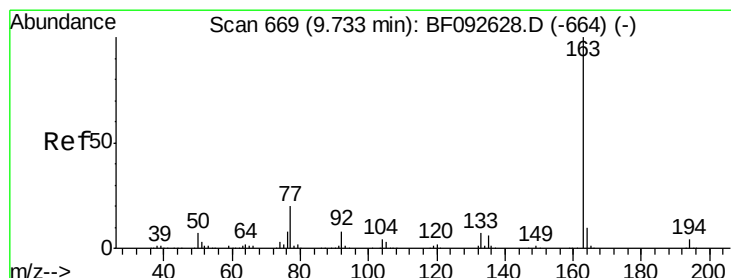
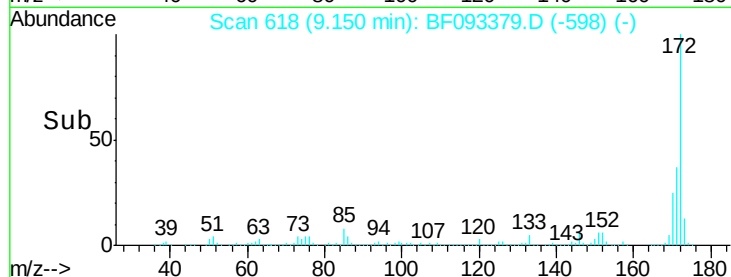
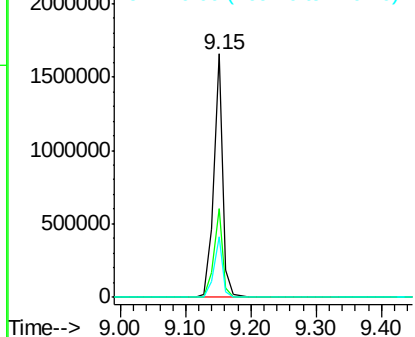
#44
 2-Fluorobiphenyl
 Concen: 78.84 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093379.D
 Acq: 4 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1625798
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.7 20.2 30.4

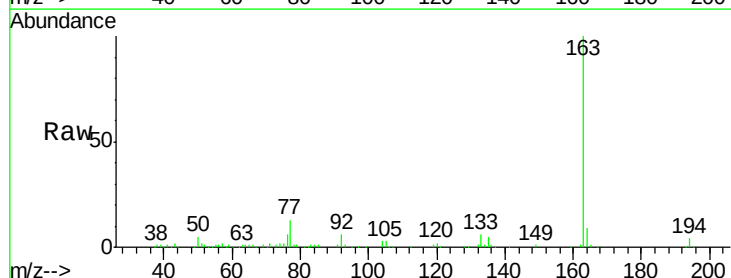


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

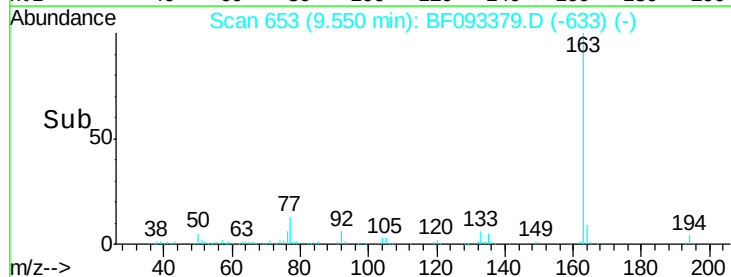
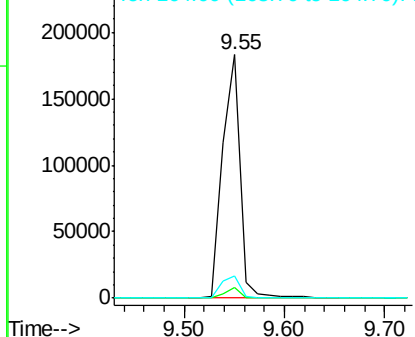


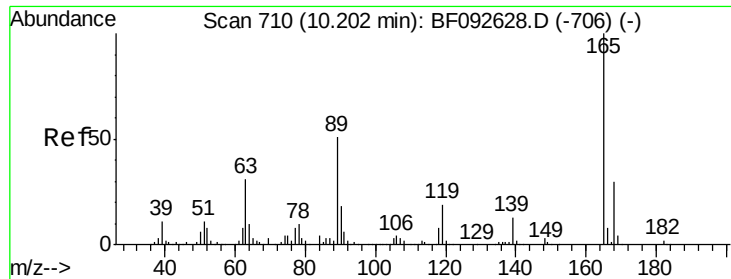
#49
 Dimethylphthalate
 Concen: 8.84 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.07 min
 Lab File: BF093379.D
 Acq: 4 Mar 2017 00:40

Tgt Ion:163 Resp: 222405
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.0 4.4#
 164 9.2 8.0 12.0



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

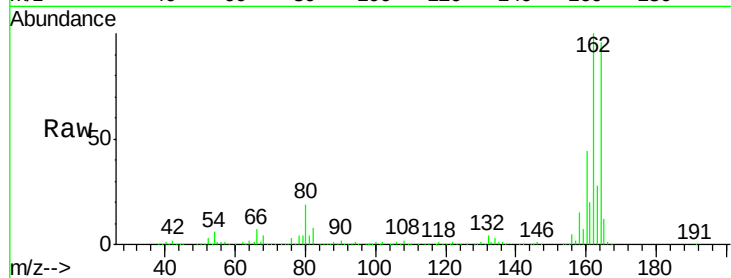




#56
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF093379.D
Acq: 4 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
C-2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

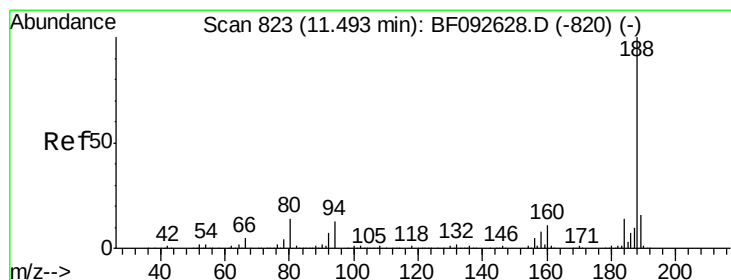
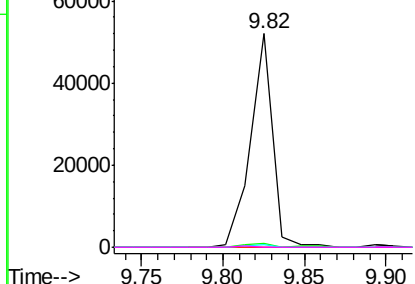
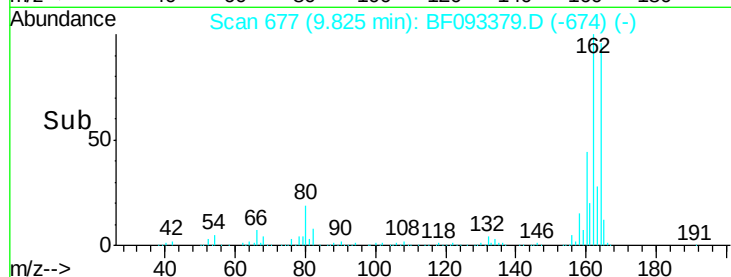


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

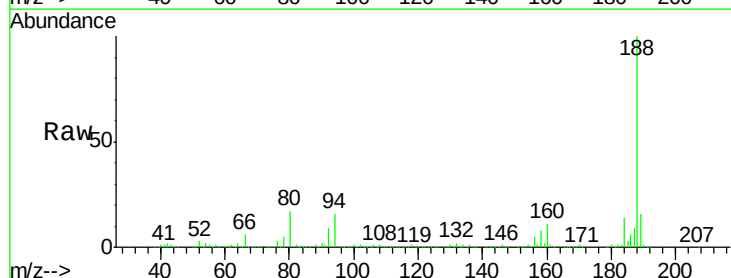
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF093379.D
Acq: 4 Mar 2017 00:40

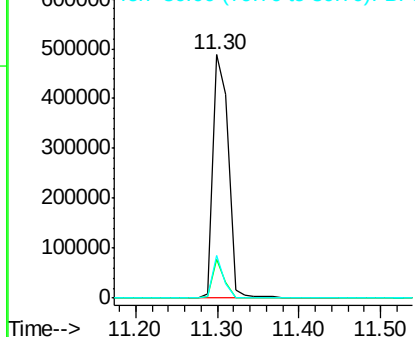
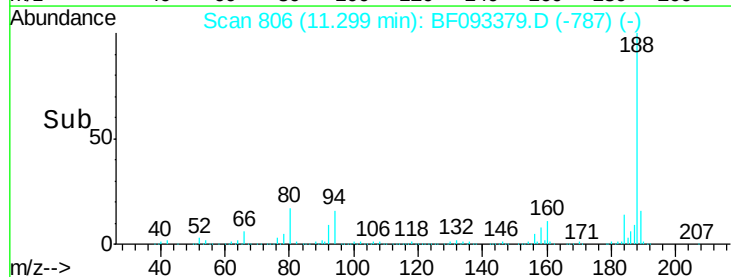
Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.7	10.0	15.0#
80	17.3	11.2	16.8#

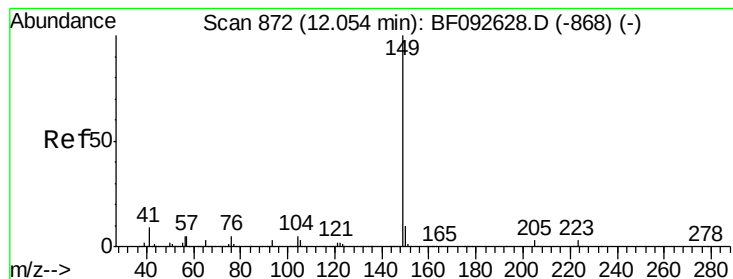


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 2.60 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.08 min

Lab File: BF093379.D

Acq: 4 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

C-2

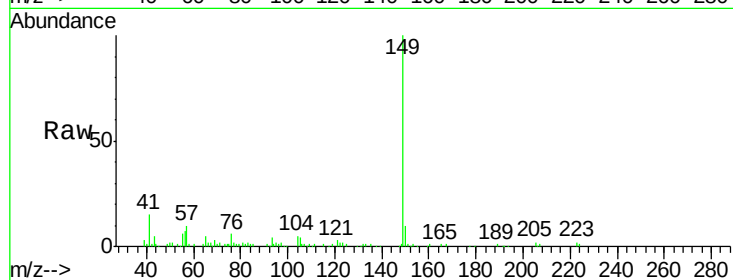
Tgt Ion:149 Resp: 100094

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

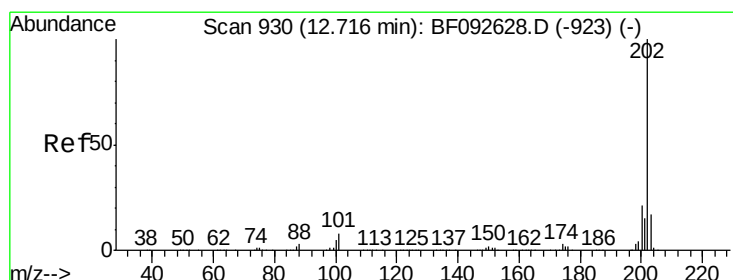
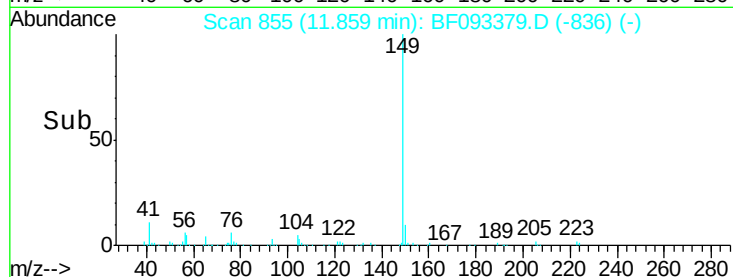
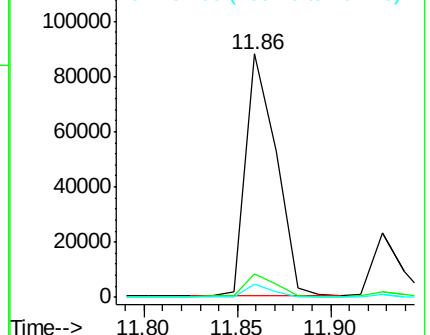
104 5.2 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.19 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.07 min

Lab File: BF093379.D

Acq: 4 Mar 2017 00:40

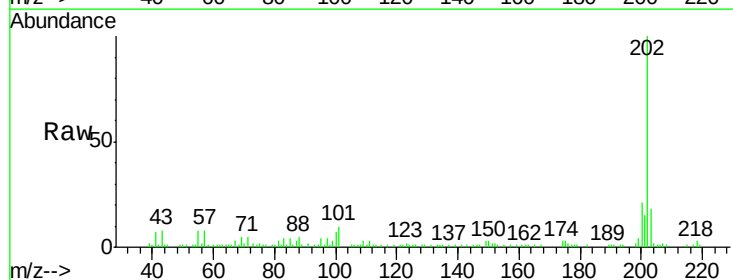
Tgt Ion:202 Resp: 83628

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.6

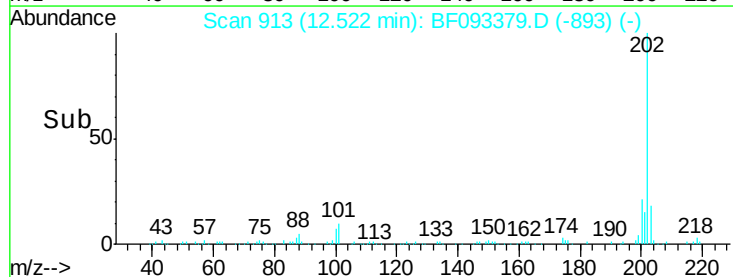
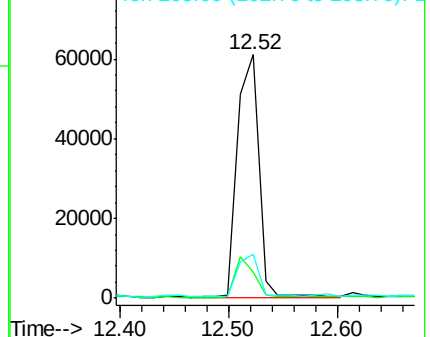
203 17.9 0.0 38.7

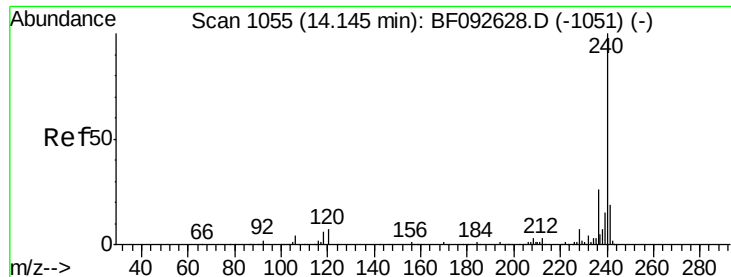


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF093379.D

Acq: 4 Mar 2017 00:40

Instrument :

BNA_F

ClientSampled :

C-2

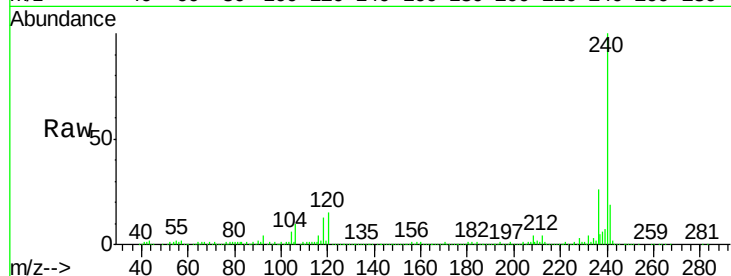
Tgt Ion:240 Resp: 431777

Ion Ratio Lower Upper

240 100

120 15.3 12.9 19.3

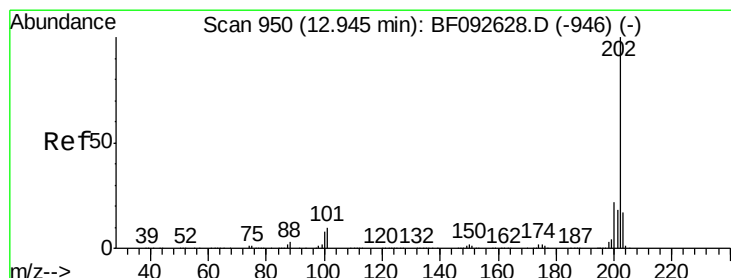
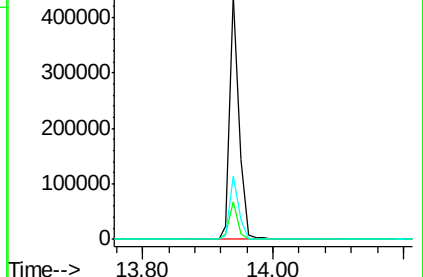
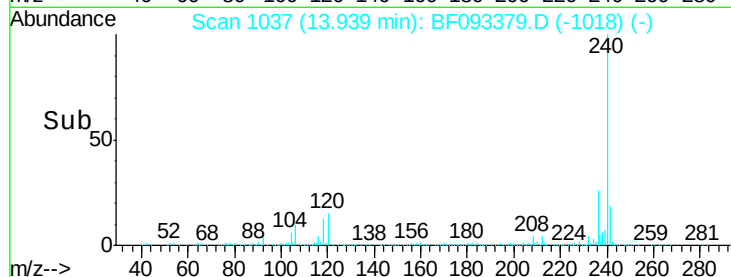
236 26.1 20.9 31.3



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



#77

Pyrene

Concen: 2.29 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.07 min

Lab File: BF093379.D

Acq: 4 Mar 2017 00:40

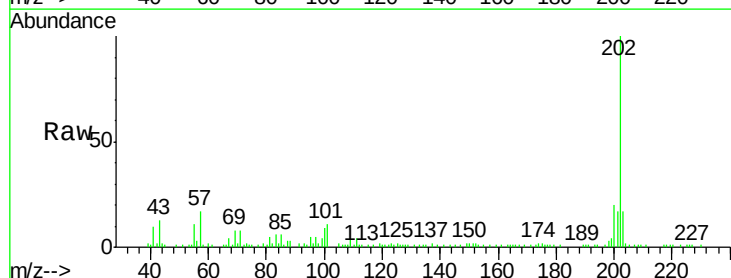
Tgt Ion:202 Resp: 74074

Ion Ratio Lower Upper

202 100

200 19.7 17.7 26.5

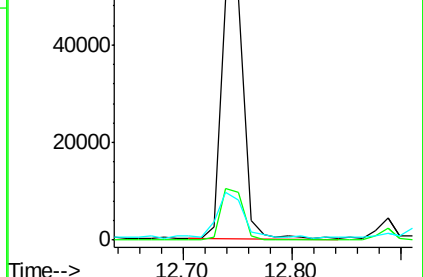
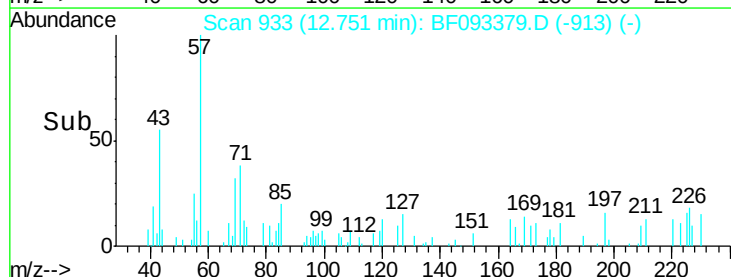
203 16.7 14.7 22.1

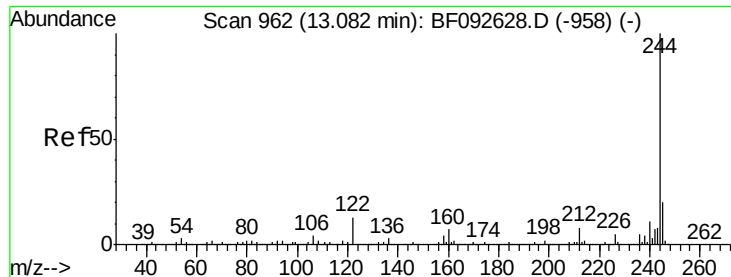


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

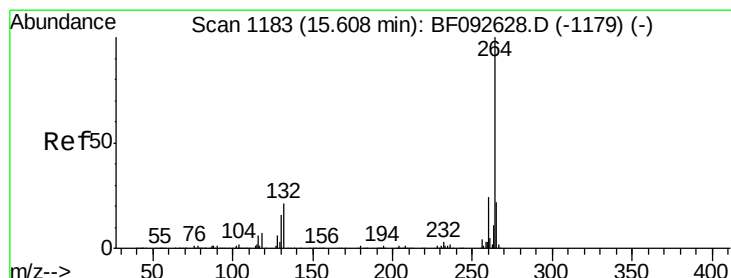
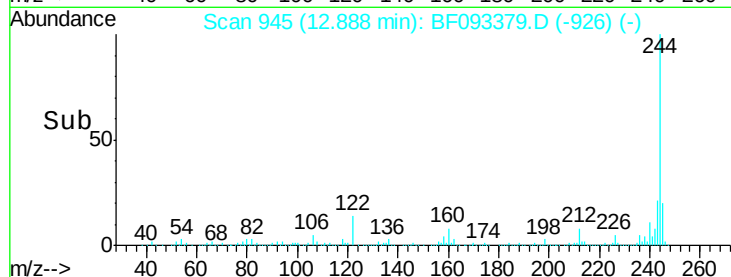
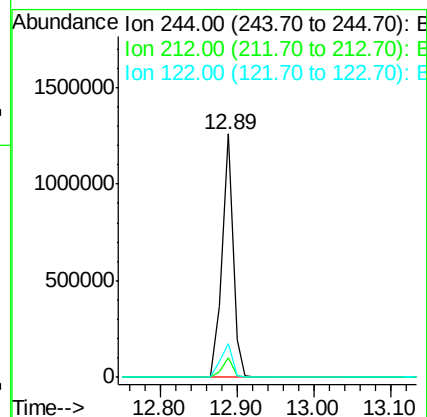
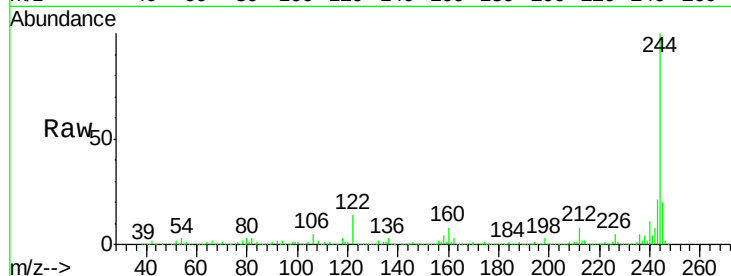




#78
 Terphenyl-d14
 Concen: 69.04 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF093379.D
 Acq: 4 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 C-2

Tgt Ion:244 Resp: 1268755
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.7 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF093379.D
 Acq: 4 Mar 2017 00:40

Tgt Ion:264 Resp: 361192
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 22.0 17.4 26.0

