

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094358.D
 Acq On : 11 Apr 2017 18:56
 Operator : SJ/MA
 Sample : I2616-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FW2D

Quant Time: Apr 12 01:34:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

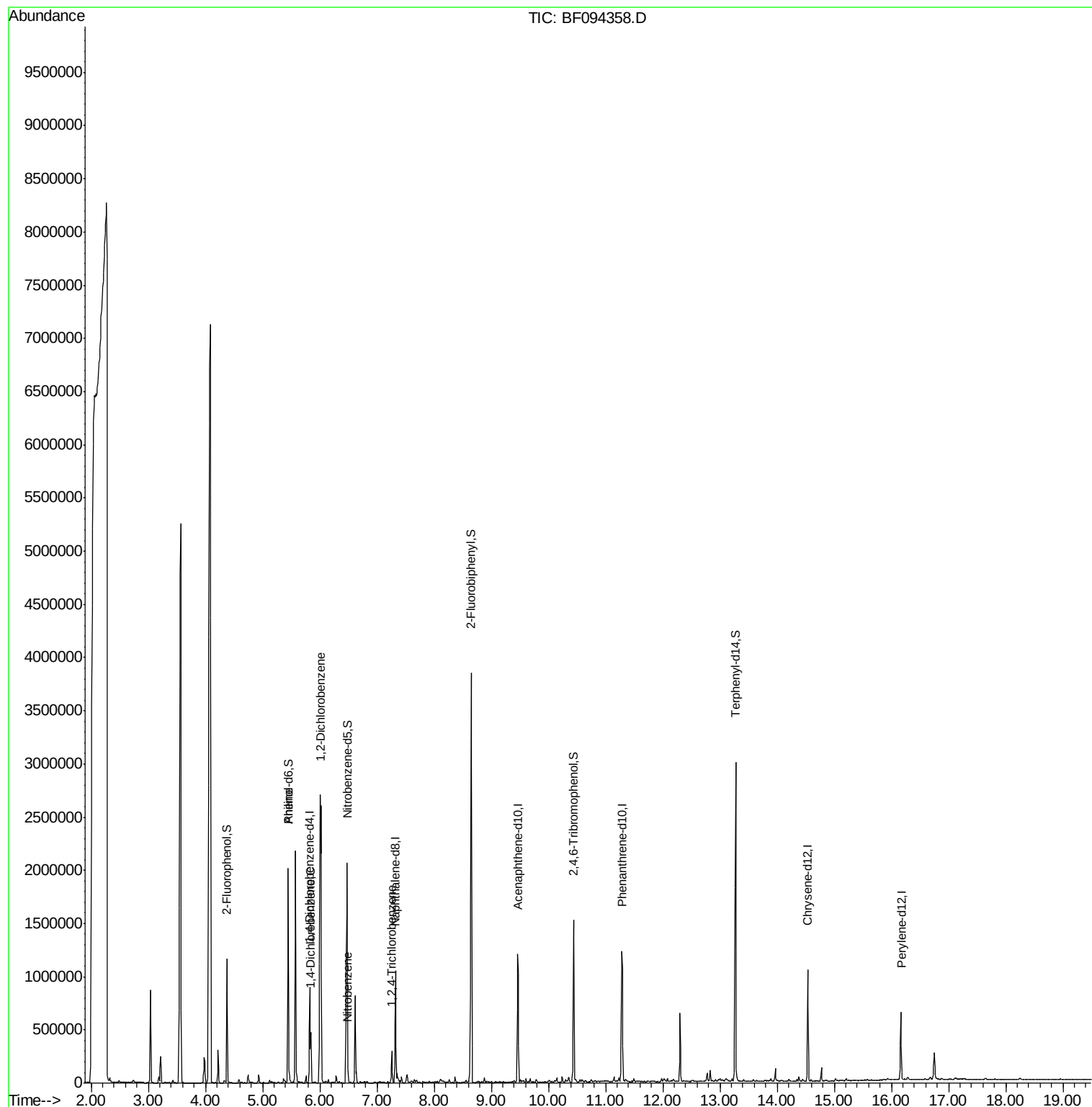
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	143212	20.00	ng	-0.04
21) Naphthalene-d8	7.33	136	577712	20.00	ng	-0.04
38) Acenaphthene-d10	9.46	164	268241	20.00	ng	-0.04
63) Phenanthrene-d10	11.29	188	477712	20.00	ng	-0.04
75) Chrysene-d12	14.54	240	374620	20.00	ng	-0.04
86) Perylene-d12	16.17	264	255415	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	318556	37.57	ng	-0.01
7) Phenol-d6	5.45	99	227718	21.71	ng	-0.02
23) Nitrobenzene-d5	6.47	82	832036	82.19	ng	-0.04
41) 2,4,6-Tribromophenol	10.45	330	191851	90.51	ng	-0.03
44) 2-Fluorobiphenyl	8.65	172	1584884	90.12	ng	-0.04
78) Terphenyl-d14	13.27	244	1150387	68.83	ng	-0.02
Target Compounds						
6) Aniline	5.45	93	595113	40.79	ng	99
13) 1,4-Dichlorobenzene	5.85	146	117807	11.13	ng	97
14) 1,2-Dichlorobenzene	6.02	146	586476	60.15	ng	96
24) Nitrobenzene	6.49	77	36442	3.65	ng	95
30) 1,2,4-Trichlorobenzene	7.26	180	64445	8.16	ng	99

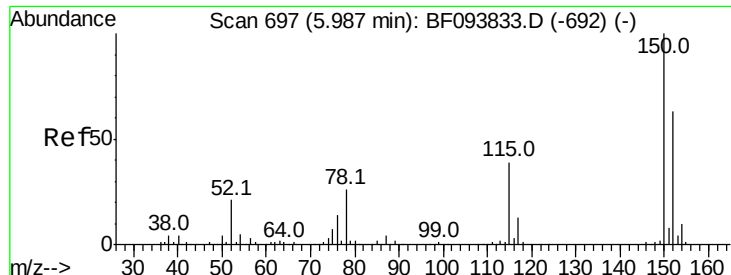
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094358.D
Acq On : 11 Apr 2017 18:56
Operator : SJ/MA
Sample : I2616-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FW2D

Quant Time: Apr 12 01:34:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration



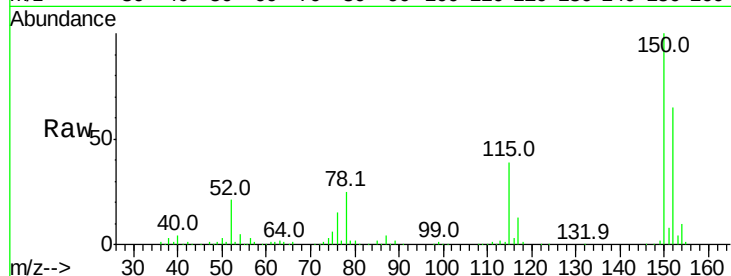


#1

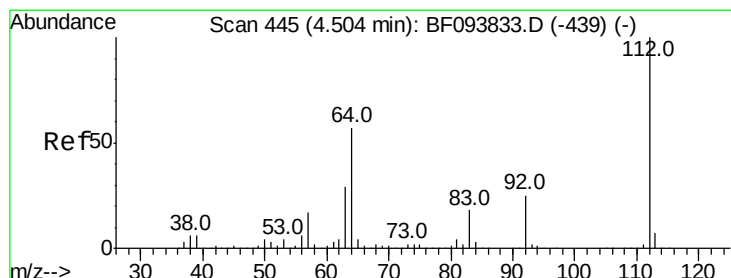
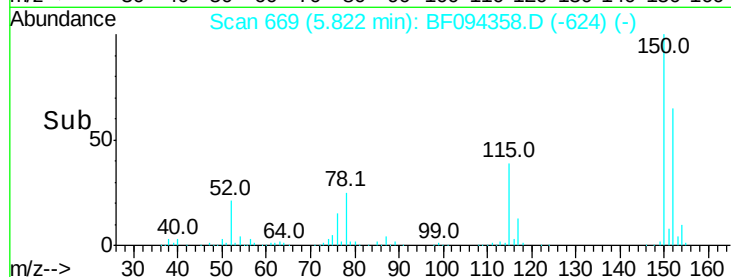
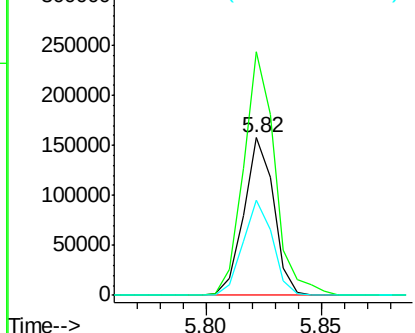
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 669
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :
FW2D

Tot Ion:152 Resp: 143212
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 60.0 52.2 78.2



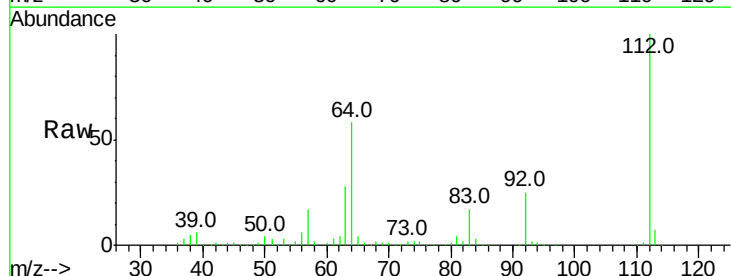
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



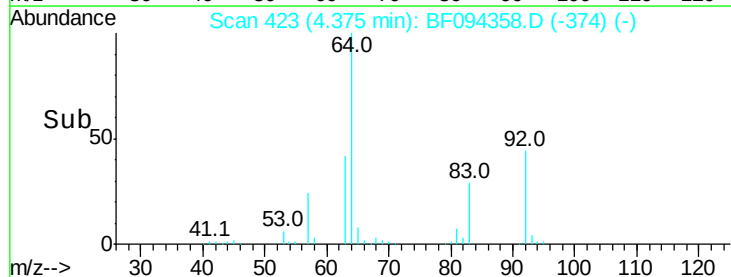
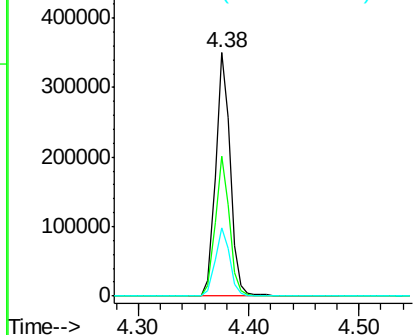
#5

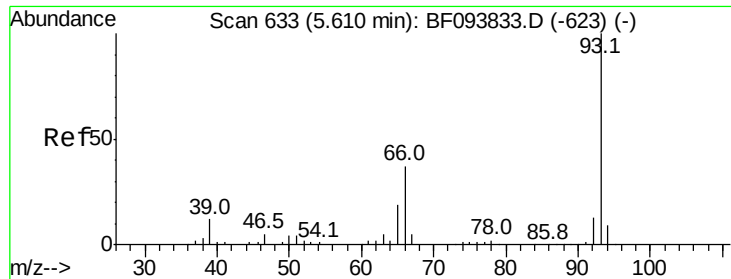
2-Fluorophenol
Concen: 37.57 ng
RT: 4.38 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion:112 Resp: 318556
Ion Ratio Lower Upper
112 100
64 57.7 46.0 69.0
63 28.2 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





#6

Aniline

Concen: 40.79 ng

RT: 5.45 min Scan# 605

Delta R.T. -0.04 min

Lab File: BF094358.D

Acq: 11 Apr 2017 18:56

Instrument :

BNA_F

ClientSampleId :

FW2D

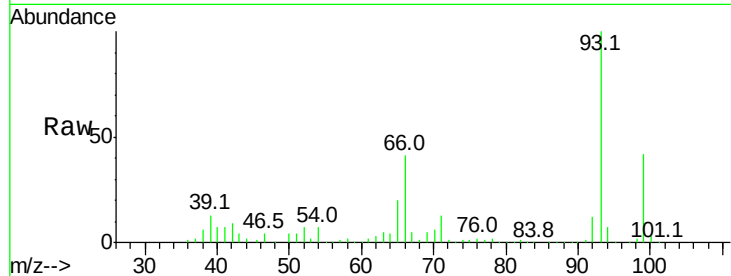
Tot Ion: 93 Resp: 595113

Ion Ratio Lower Upper

93 100

66 40.5 32.9 49.3

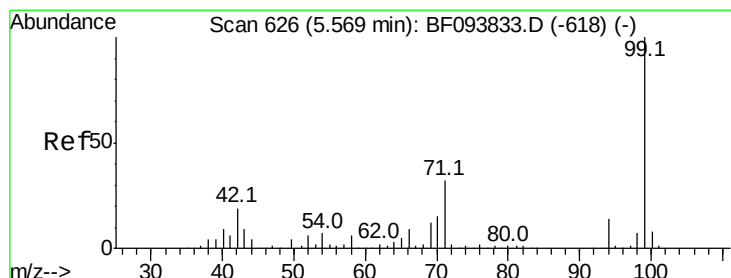
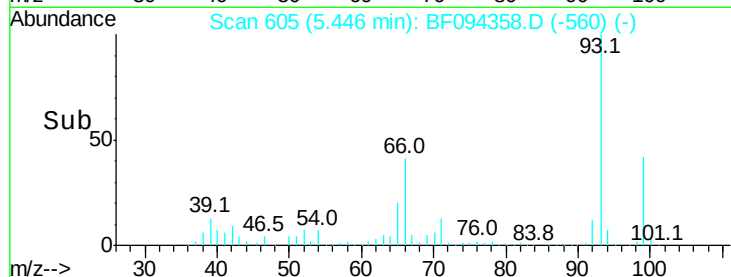
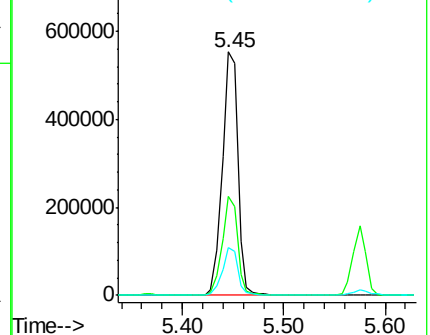
65 19.5 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 21.71 ng

RT: 5.45 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF094358.D

Acq: 11 Apr 2017 18:56

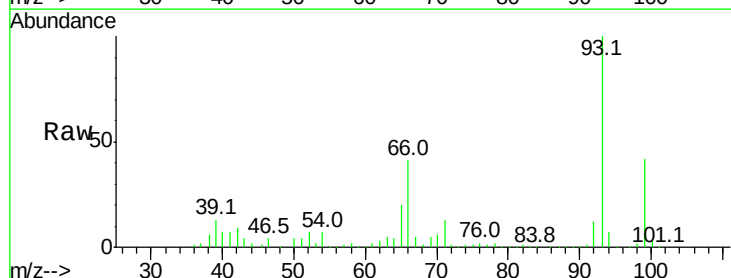
Tgt Ion: 99 Resp: 227718

Ion Ratio Lower Upper

99 100

42 20.5 13.5 20.3#

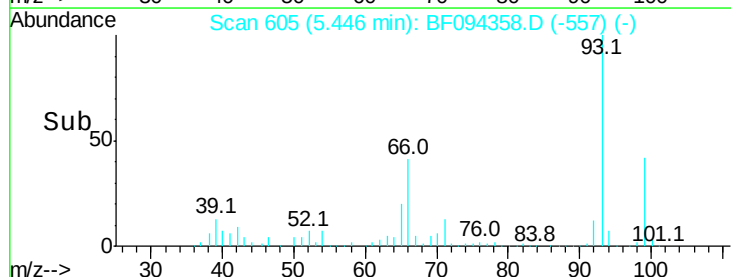
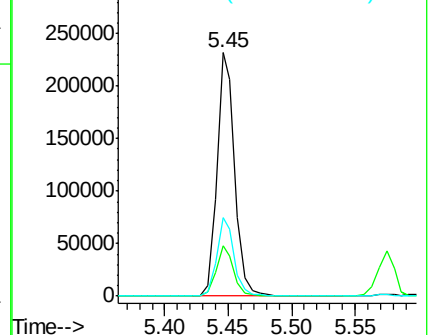
71 32.1 24.5 36.7

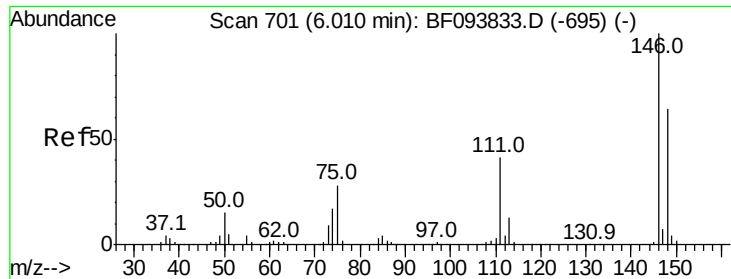


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

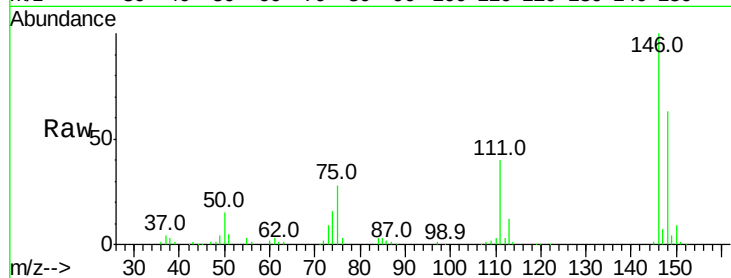




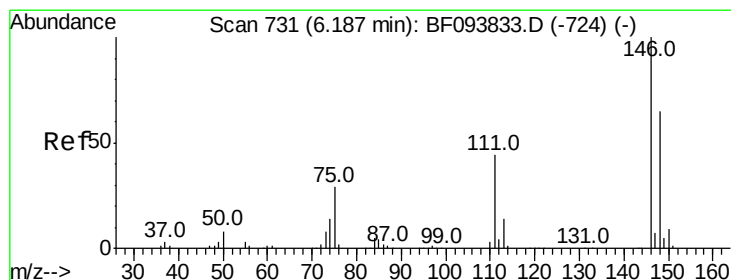
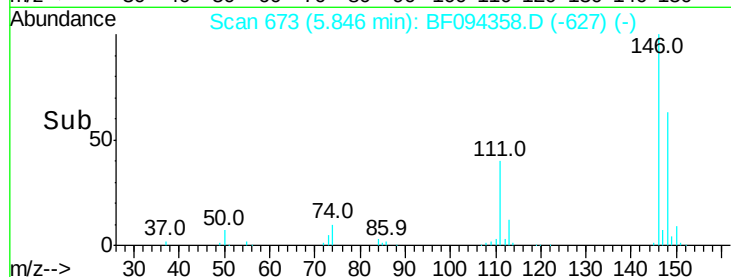
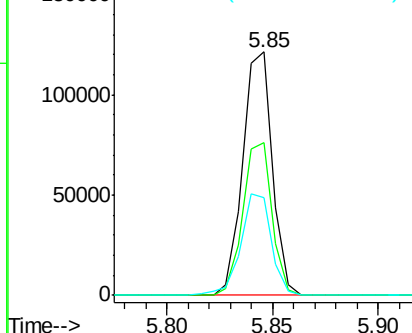
#13
 1,4-Dichlorobenzene
 Concen: 11.13 ng
 RT: 5.85 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF094358.D
 Acq: 11 Apr 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 FW2D

Tot Ion:146 Resp: 117807
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.2
 111 40.2 30.3 45.5

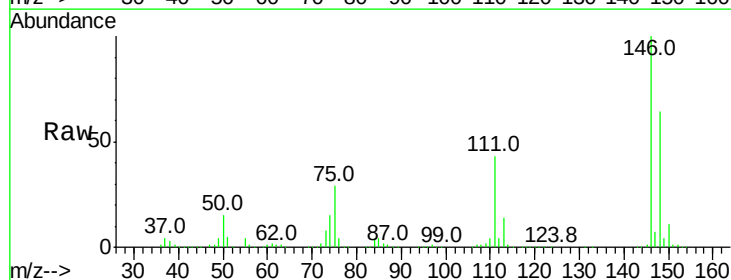


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

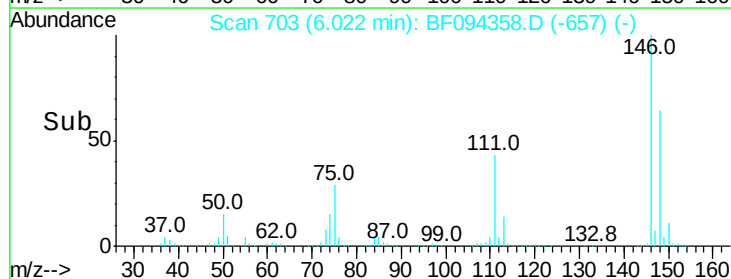
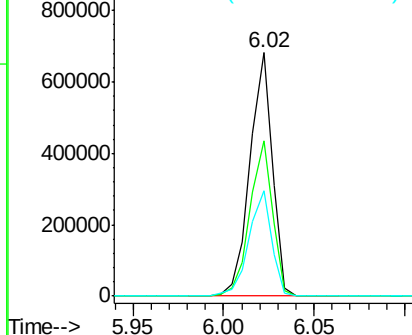


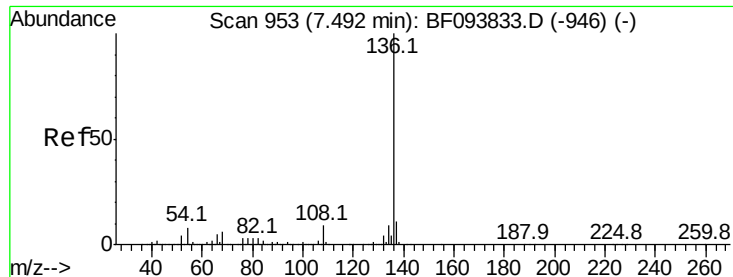
#14
 1,2-Dichlorobenzene
 Concen: 60.15 ng
 RT: 6.02 min Scan# 703
 Delta R.T. -0.03 min
 Lab File: BF094358.D
 Acq: 11 Apr 2017 18:56

Tgt Ion:146 Resp: 586476
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 43.2 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

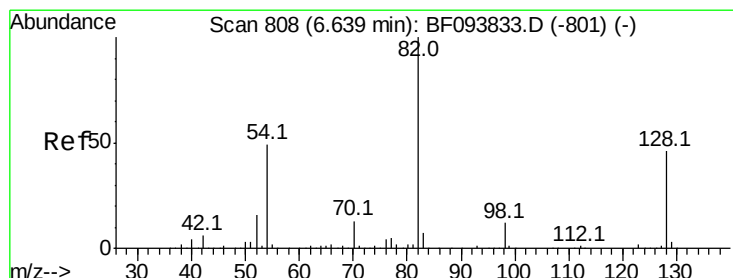
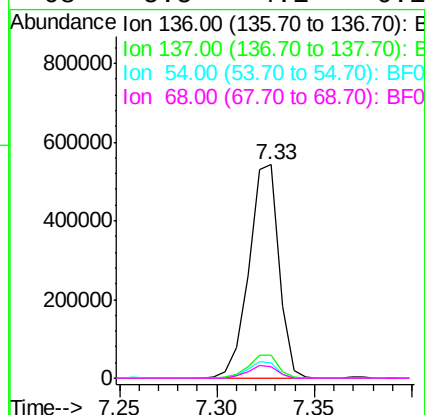
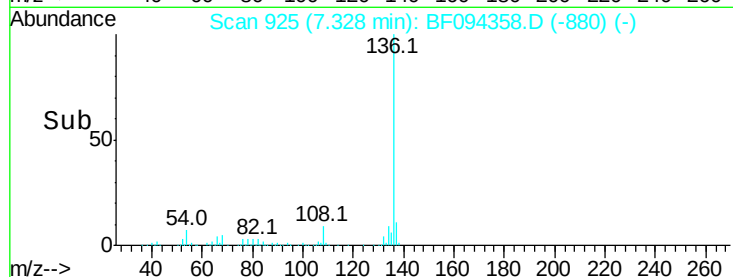
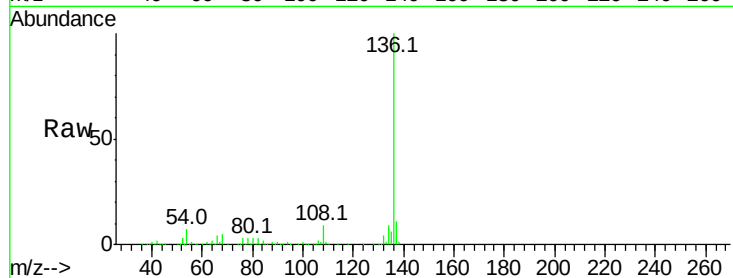




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 925
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

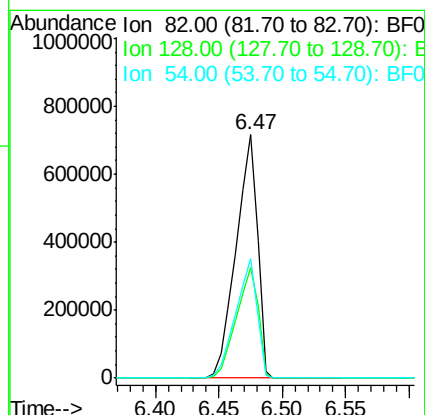
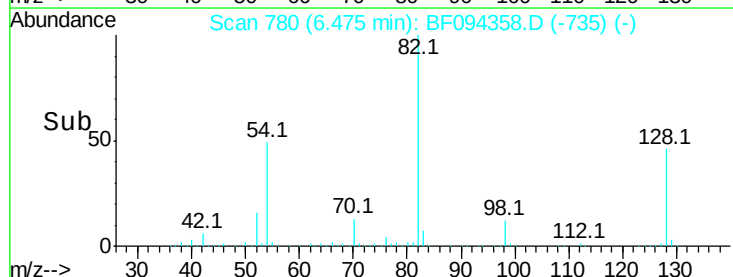
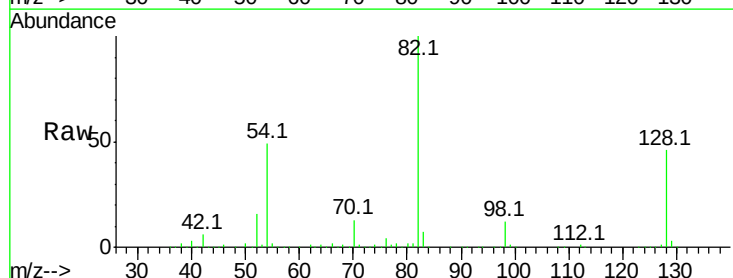
Instrument :
BNA_F
ClientSampleId :
FW2D

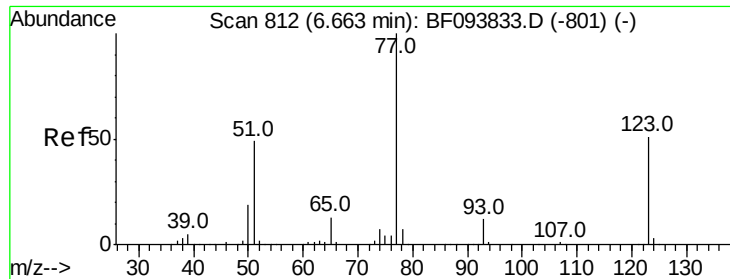
Tot Ion:136	Resp:	577712
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.5 12.7
54	7.1	4.9 7.3
68	5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 82.19 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.04 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Tgt Ion: 82	Resp:	832036
Ion	Ratio	Lower Upper
82	100	
128	45.6	34.0 51.0
54	49.0	42.2 63.2





#24

Nitrobenzene

Concen: 3.65 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.04 min

Lab File: BF094358.D

Acq: 11 Apr 2017 18:56

Instrument :

BNA_F

ClientSampleId :

FW2D

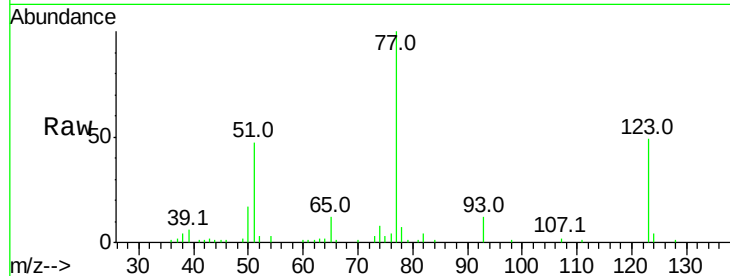
Tot Ion: 77 Resp: 36442

Ion Ratio Lower Upper

77 100

123 48.7 35.8 53.8

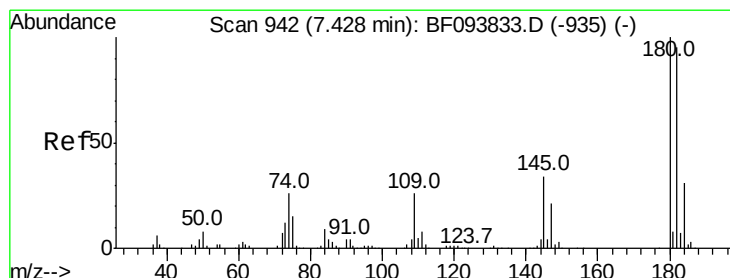
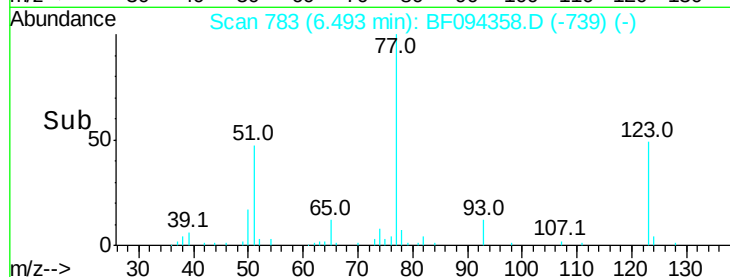
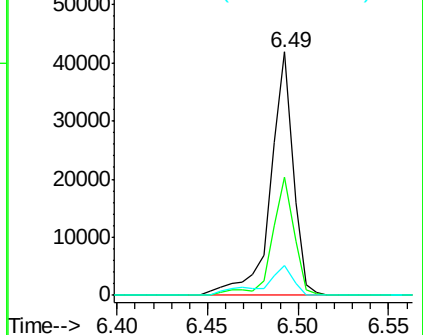
65 12.5 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 8.16 ng

RT: 7.26 min Scan# 914

Delta R.T. -0.04 min

Lab File: BF094358.D

Acq: 11 Apr 2017 18:56

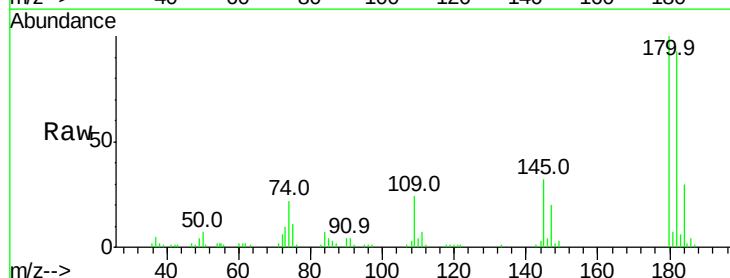
Tgt Ion:180 Resp: 64445

Ion Ratio Lower Upper

180 100

182 93.2 75.8 113.6

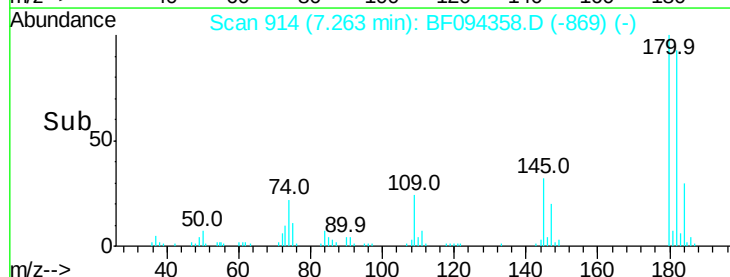
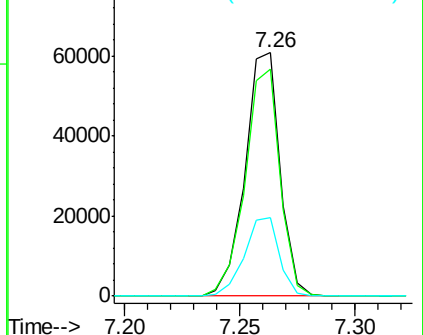
145 32.1 25.3 37.9

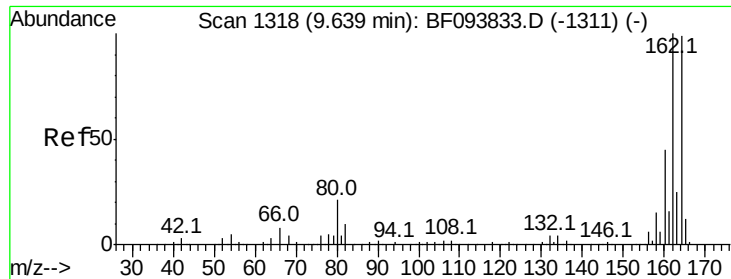


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

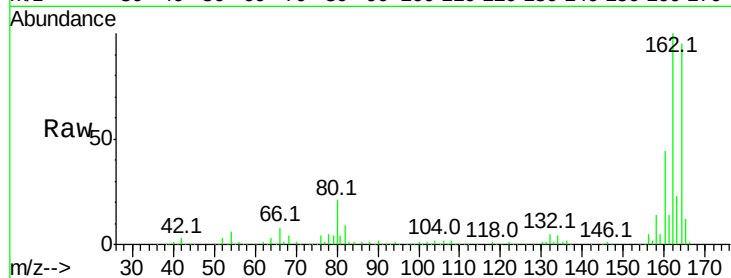




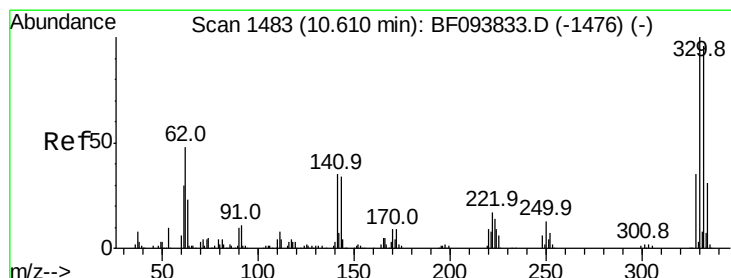
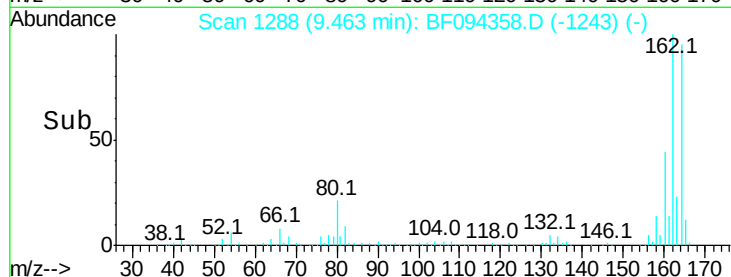
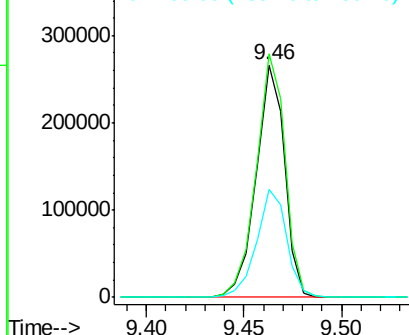
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.46 min Scan# 1288
 Delta R.T. -0.04 min
 Lab File: BF094358.D
 Acq: 11 Apr 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 FW2D

Tot Ion:164 Resp: 268241
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 46.7 36.2 54.2

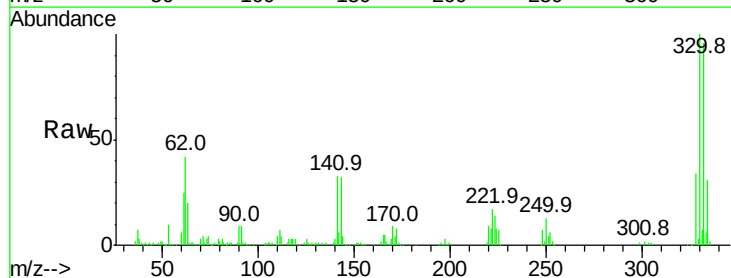


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

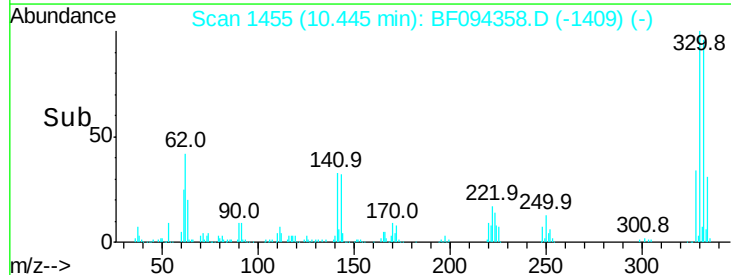
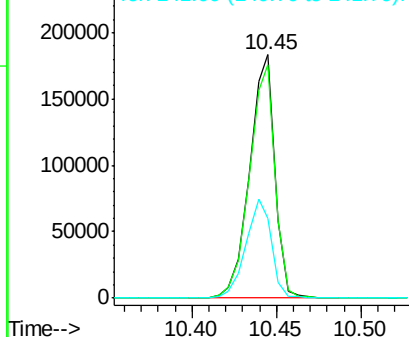


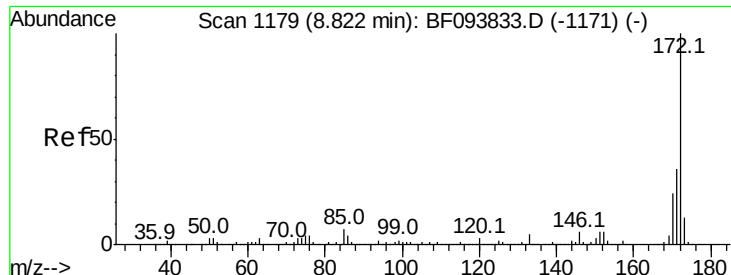
#41
 2,4,6-Tribromophenol
 Concen: 90.51 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF094358.D
 Acq: 11 Apr 2017 18:56

Tgt Ion:330 Resp: 191851
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 41.4 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



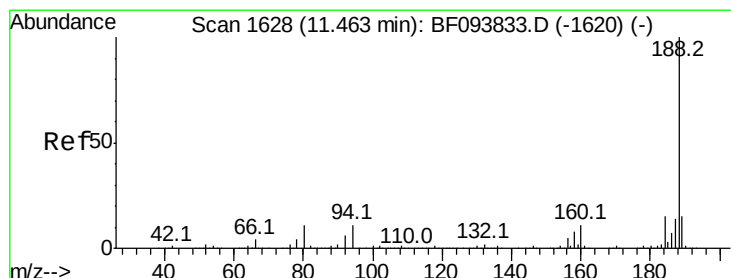
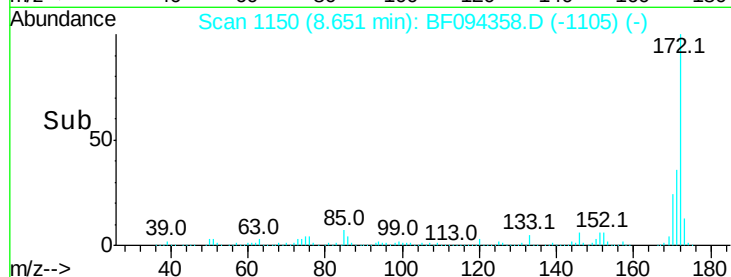
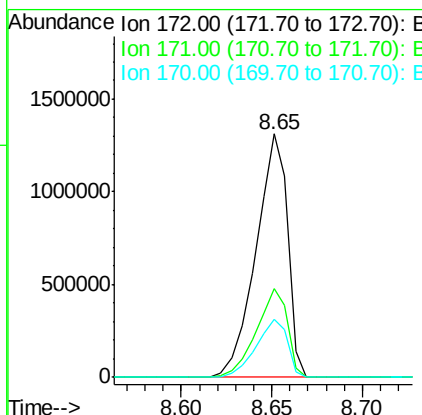
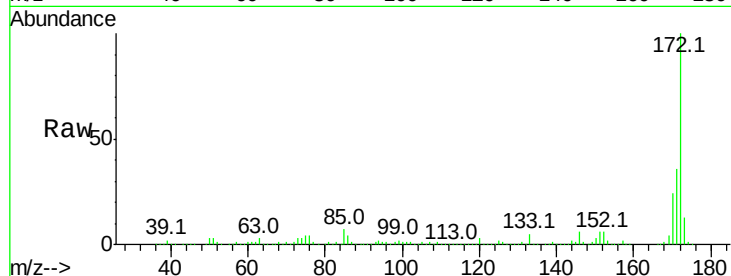


#44
 2-Fluorobiphenyl
 Concen: 90.12 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.04 min
 Lab File: BF094358.D
 Acq: 11 Apr 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 FW2D

Tot Ion:172 Resp: 1584884

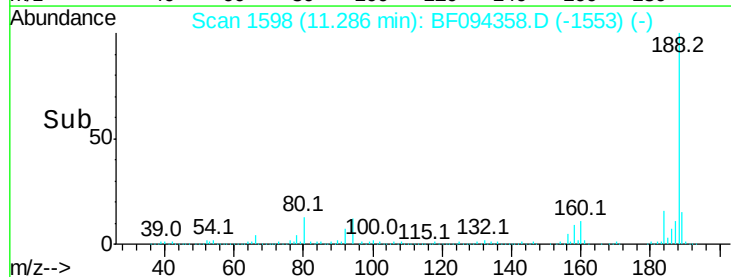
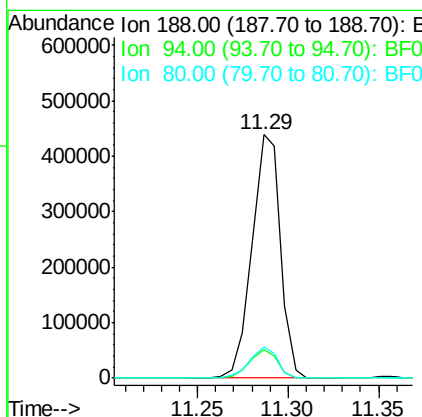
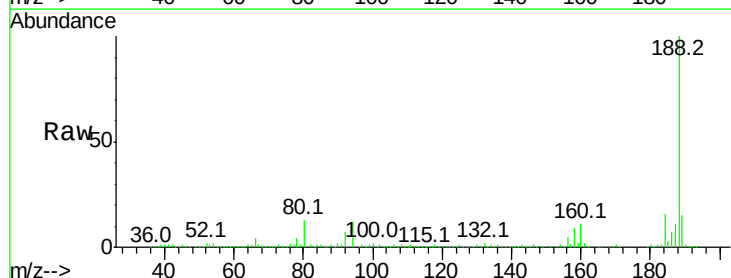
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8

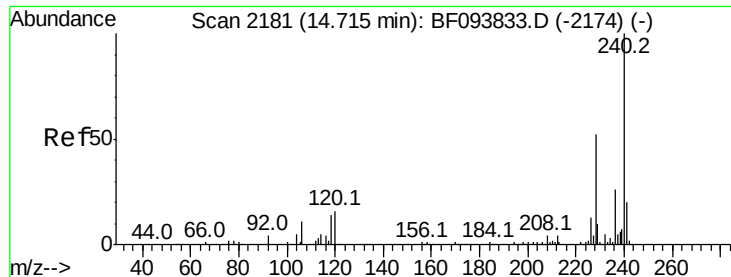


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1598
 Delta R.T. -0.04 min
 Lab File: BF094358.D
 Acq: 11 Apr 2017 18:56

Tgt Ion:188 Resp: 477712

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	12.7	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.54 min Scan# 2151

Delta R.T. -0.04 min

Lab File: BF094358.D

Acq: 11 Apr 2017 18:56

Instrument :

BNA_F

ClientSampled :

FW2D

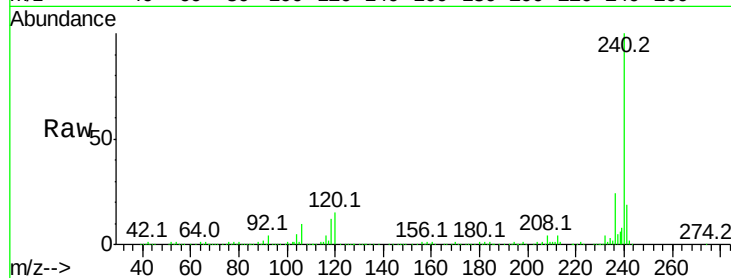
Tot Ion:240 Resp: 374620

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

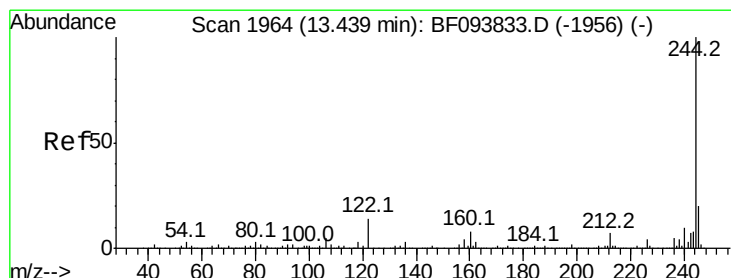
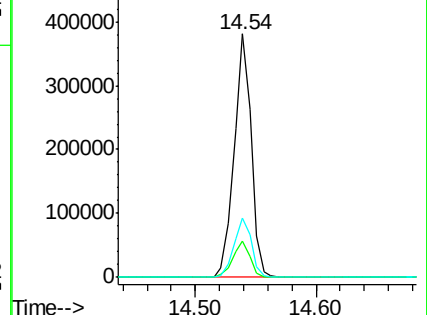
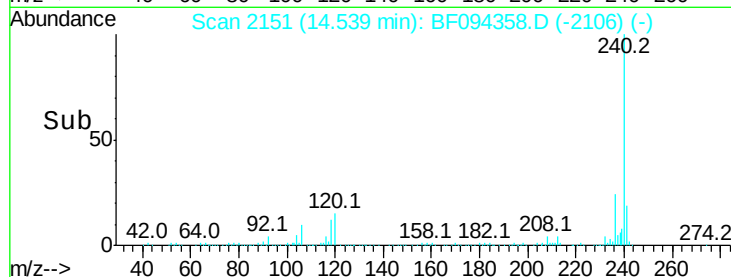
236 24.4 20.5 30.7



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: 68.83 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094358.D

Acq: 11 Apr 2017 18:56

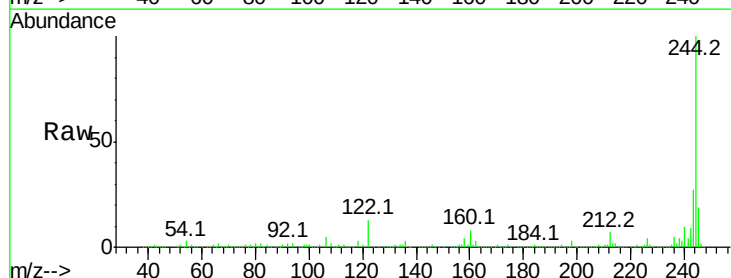
Tgt Ion:244 Resp: 1150387

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

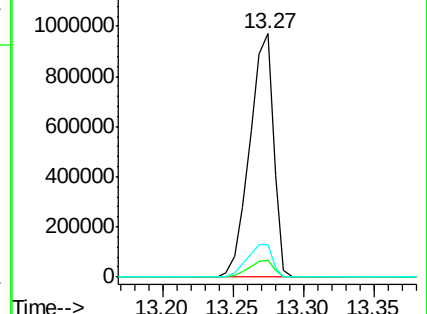
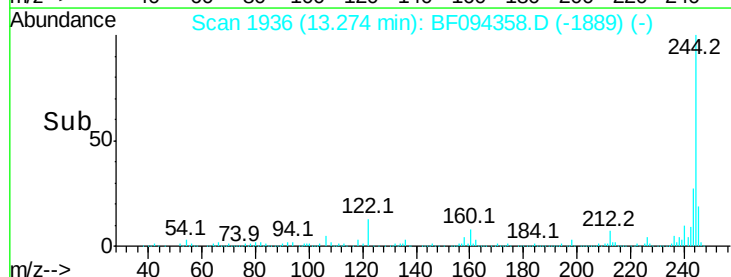
122 13.2 10.3 15.5

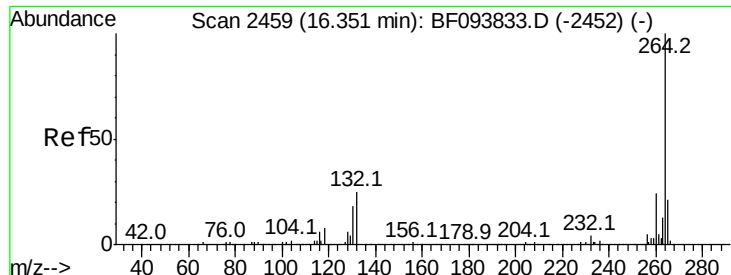


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

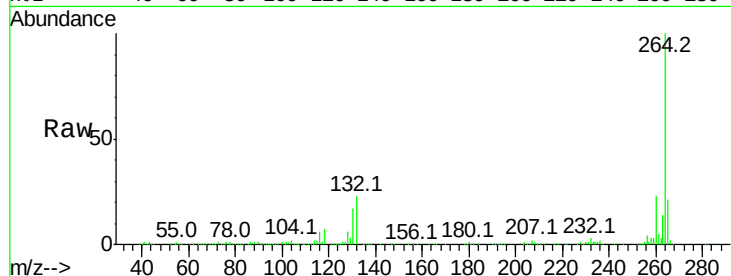




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 2428
Delta R.T. -0.02 min
Lab File: BF094358.D
Acq: 11 Apr 2017 18:56

Instrument :
BNA_F
ClientSampleId :
FW2D

Tot Ion:264 Resp: 255415
Ion Ratio Lower Upper
264 100
260 22.5 19.5 29.3
265 20.6 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

