

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093016.D
 Acq On : 17 Feb 2017 17:52
 Operator : SJ/MA
 Sample : I1879-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-2

Quant Time: Feb 17 23:17:20 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

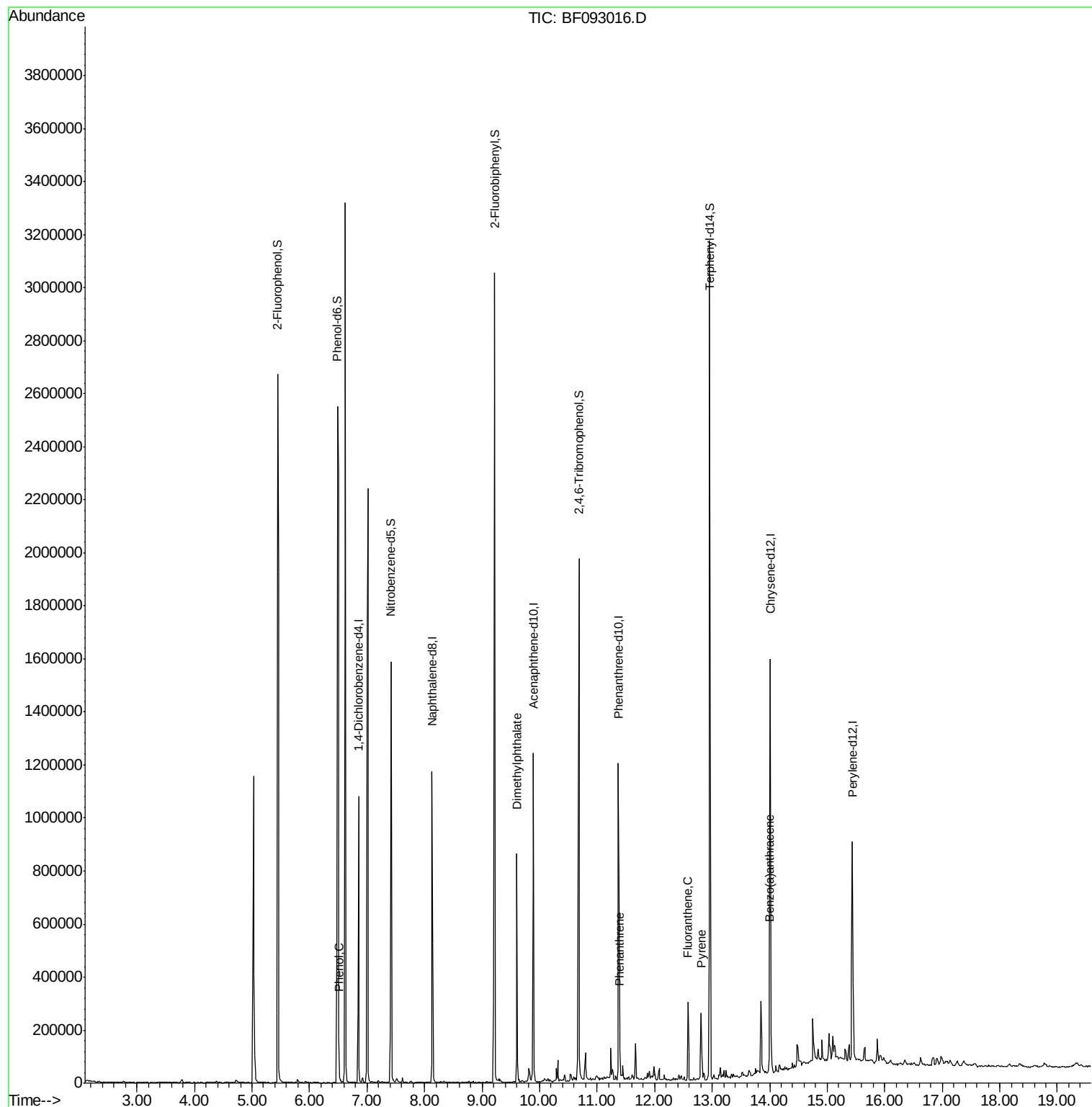
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	165511	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	601966	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	304598	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	553012	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	487022	20.00	ng	-0.01
86) Perylene-d12	15.44	264	360024	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	987517	102.36	ng	0.00
7) Phenol-d6	6.49	99	1294829	104.31	ng	0.00
23) Nitrobenzene-d5	7.41	82	788219	72.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	262046	118.95	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1428080	84.94	ng	0.00
78) Terphenyl-d14	12.96	244	1153857	55.67	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	80258	5.53	ng	Qvalue # 60
49) Dimethylphthalate	9.61	163	323010	15.74	ng	99
70) Phenanthrene	11.39	178	80334	2.54	ng	98
74) Fluoranthene	12.58	202	124608	3.81	ng	96
77) Pyrene	12.81	202	110948	3.04	ng	99
80) Benzo(a)anthracene	14.00	228	60722	2.04	ng	99

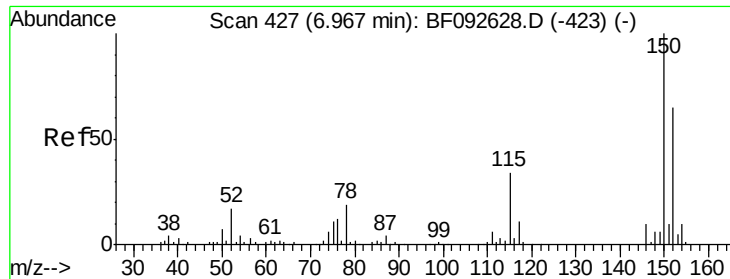
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093016.D
Acq On : 17 Feb 2017 17:52
Operator : SJ/MA
Sample : I1879-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-2

Quant Time: Feb 17 23:17:20 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



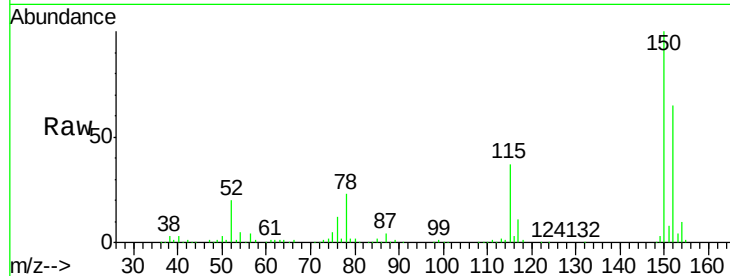


#1

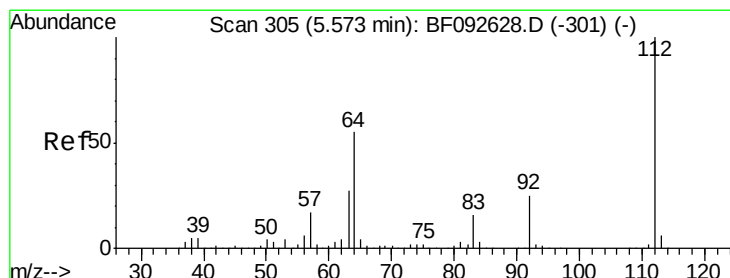
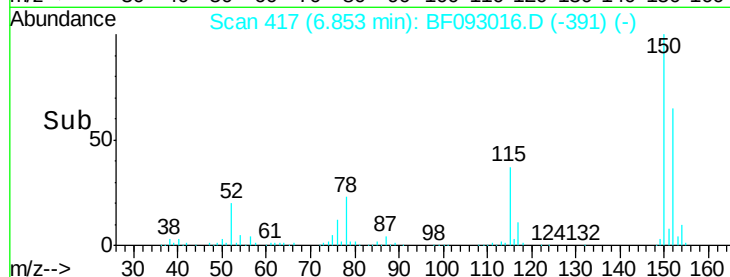
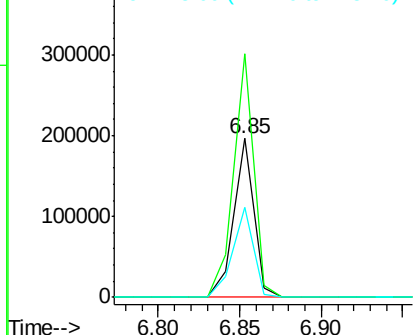
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093016.D
Acq: 17 Feb 2017 17:52

Instrument :
BNA_F
ClientSampleId :
M-2

Tgt Ion:152 Resp: 165511
Ion Ratio Lower Upper
152 100
150 153.1 124.9 187.3
115 56.3 46.0 69.0



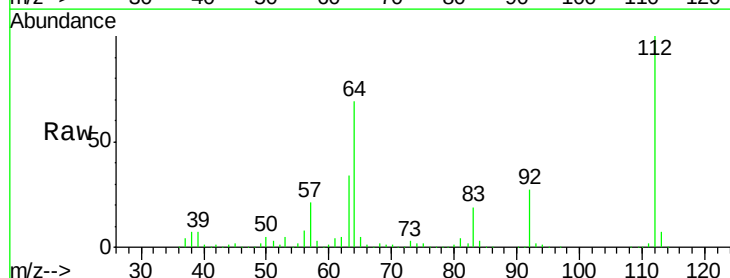
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



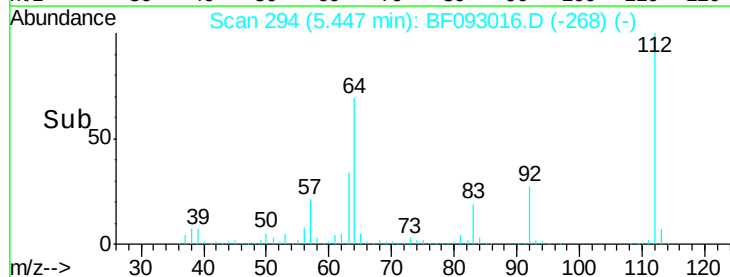
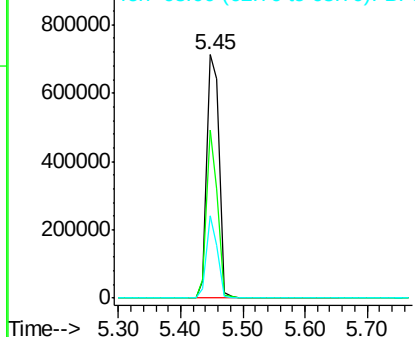
#5

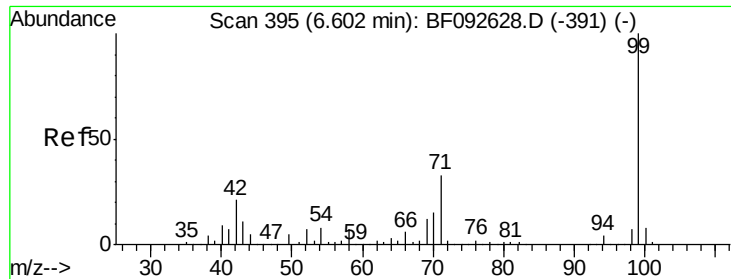
2-Fluorophenol
Concen: 102.36 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093016.D
Acq: 17 Feb 2017 17:52

Tgt Ion:112 Resp: 987517
Ion Ratio Lower Upper
112 100
64 69.2 46.1 69.1#
63 34.0 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: 104.31 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093016.D

Acq: 17 Feb 2017 17:52

Instrument :

BNA_F

ClientSampled :

M-2

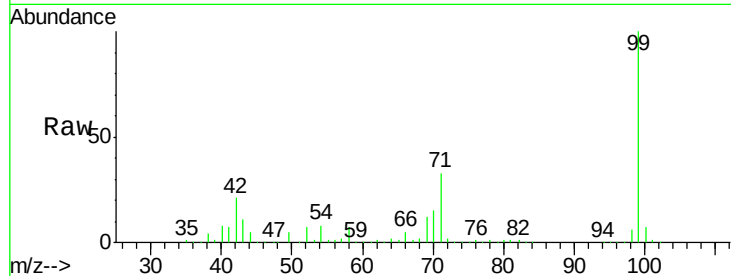
Tgt Ion: 99 Resp: 1294829

Ion Ratio Lower Upper

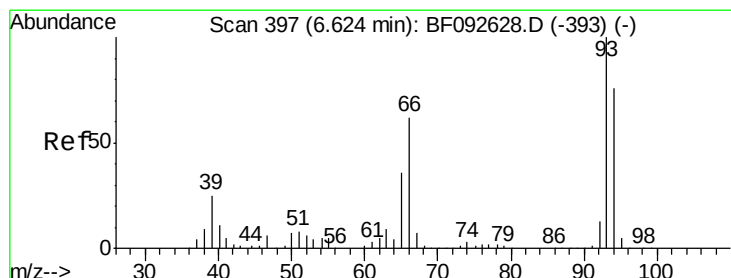
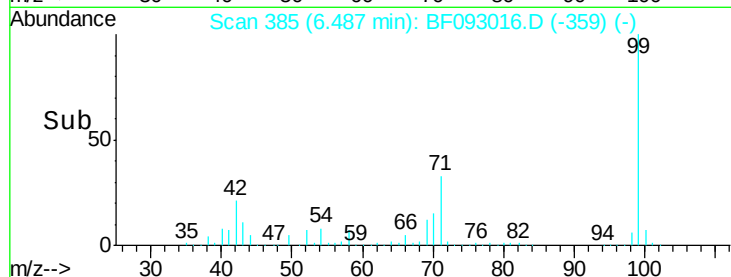
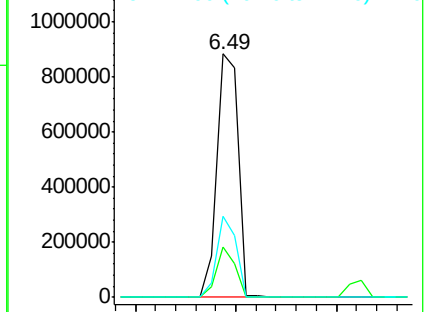
99 100

42 20.7 15.6 23.4

71 33.1 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: 5.53 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093016.D

Acq: 17 Feb 2017 17:52

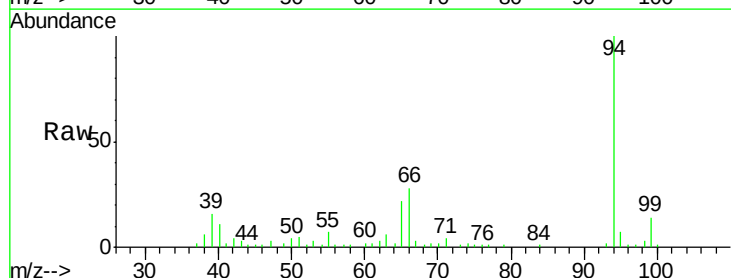
Tgt Ion: 94 Resp: 80258

Ion Ratio Lower Upper

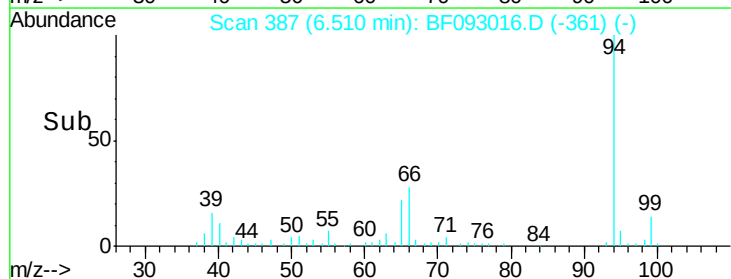
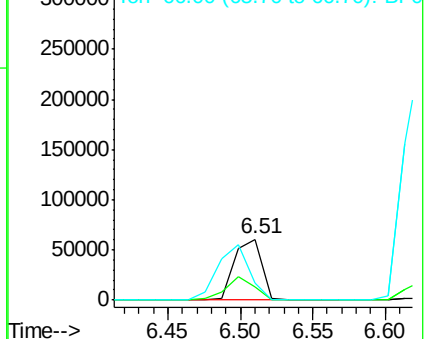
94 100

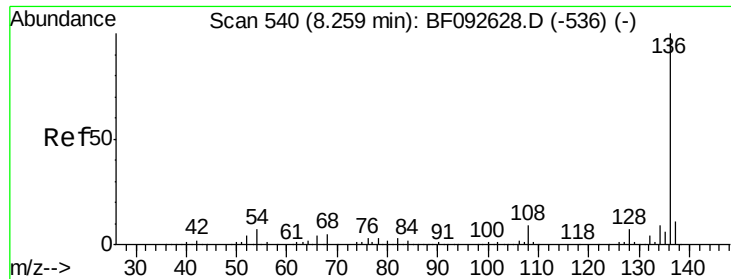
65 22.3 21.4 61.4

66 27.5 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

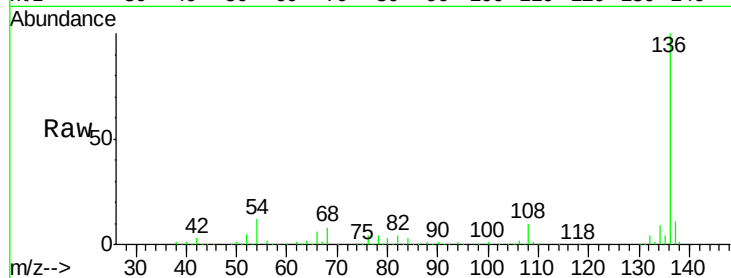




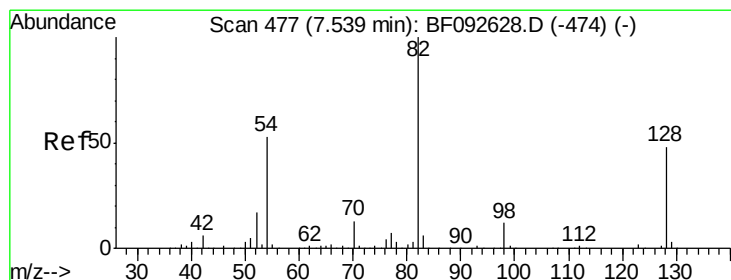
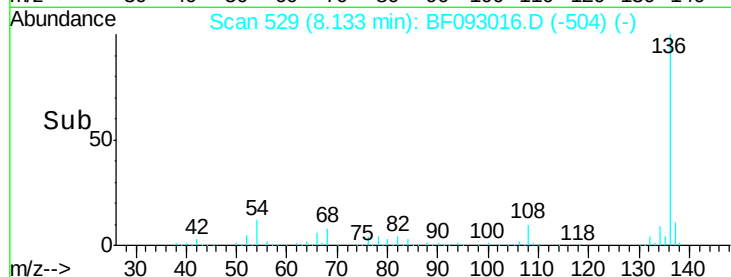
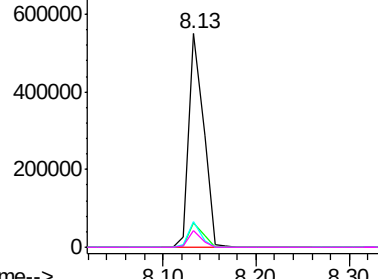
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093016.D
Acq: 17 Feb 2017 17:52

Instrument :
BNA_F
ClientSampleId :
M-2

Tgt Ion:	136	Resp:	601966
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	12.0	4.5	6.7#
68	8.0	3.6	5.4#

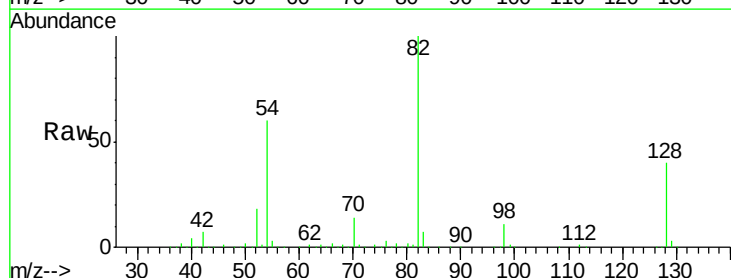


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

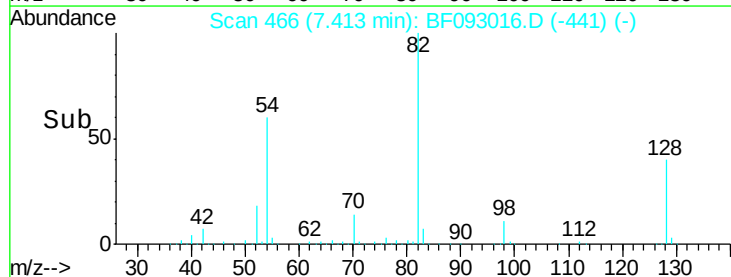
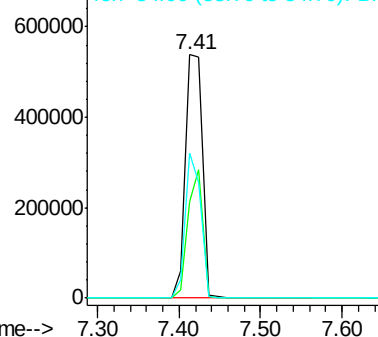


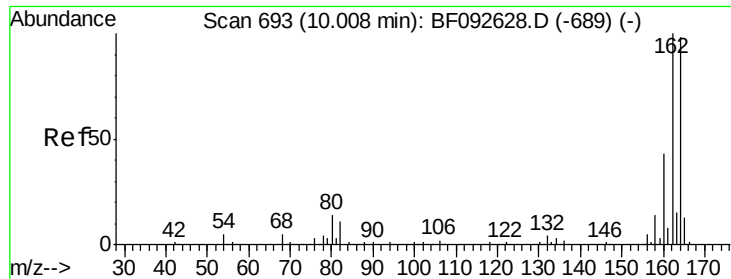
#23
Nitrobenzene-d5
Concen: 72.92 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093016.D
Acq: 17 Feb 2017 17:52

Tgt Ion:	82	Resp:	788219
Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.6	52.0
54	59.5	39.5	59.3#



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: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF093016.D

Acq: 17 Feb 2017 17:52

Instrument :

BNA_F

ClientSampleId :

M-2

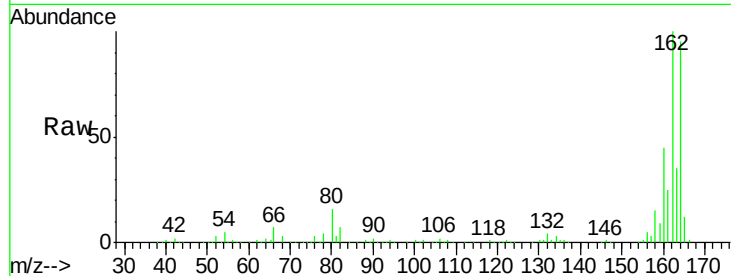
Tgt Ion:164 Resp: 304598

Ion Ratio Lower Upper

164 100

162 104.9 80.2 120.2

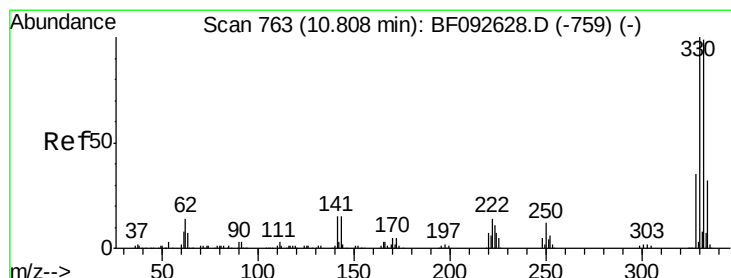
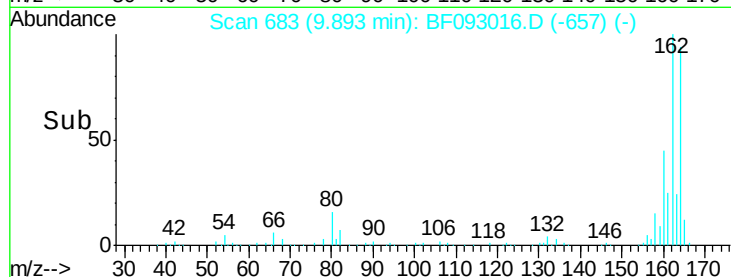
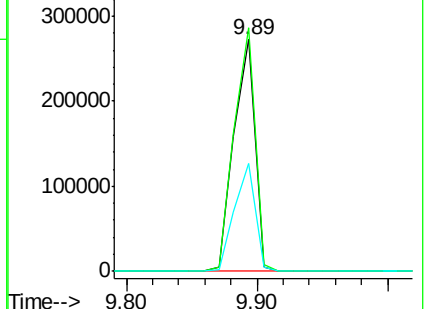
160 46.7 36.9 55.3



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: 118.95 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF093016.D

Acq: 17 Feb 2017 17:52

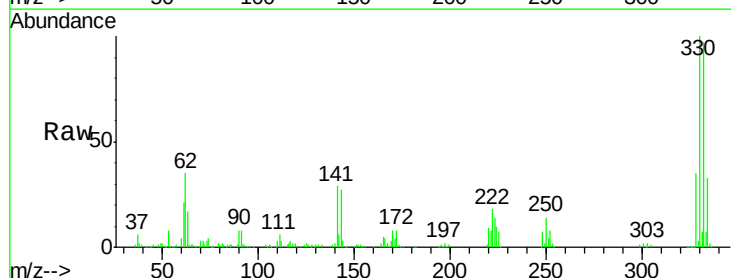
Tgt Ion:330 Resp: 262046

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

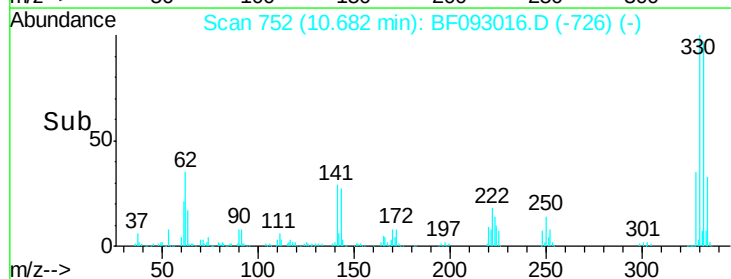
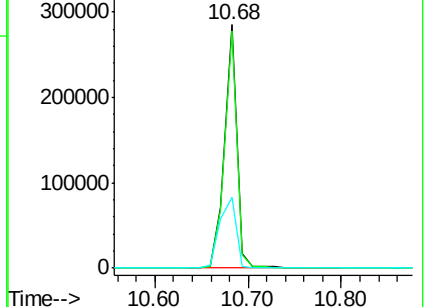
141 38.8 34.1 51.1

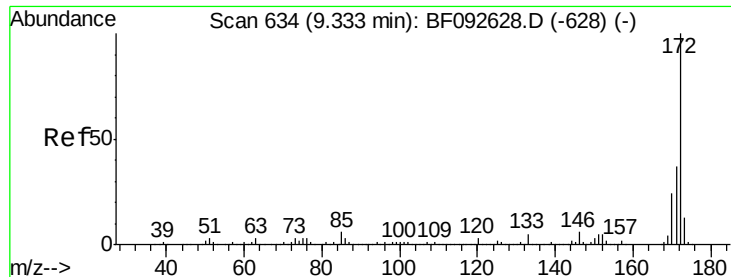


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

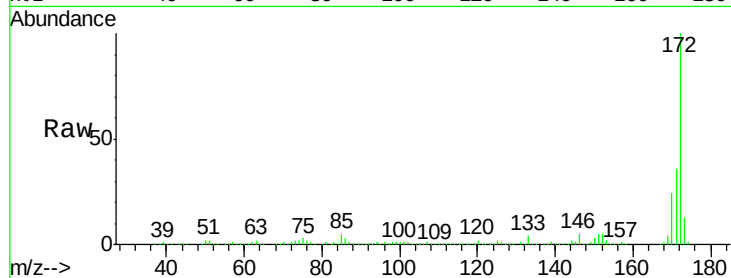




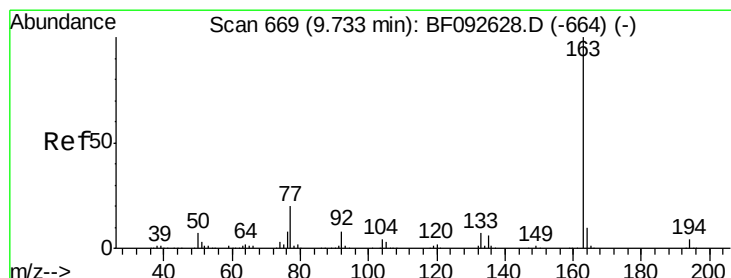
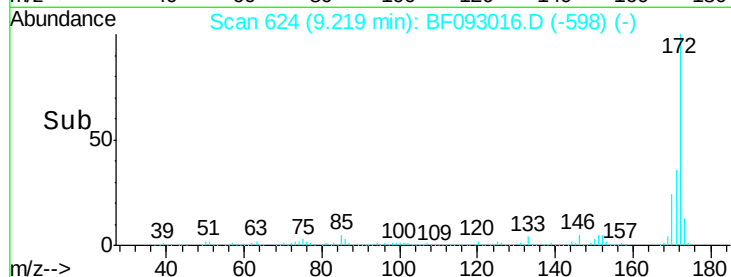
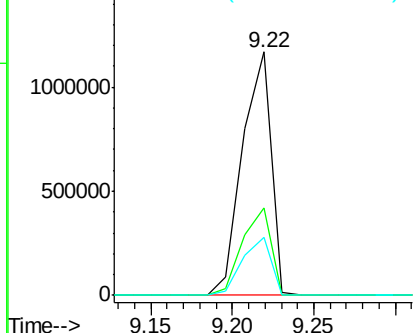
#44
 2-Fluorobiphenyl
 Concen: 84.94 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093016.D
 Acq: 17 Feb 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 M-2

Tgt Ion:172 Resp: 1428080
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.1 20.2 30.4

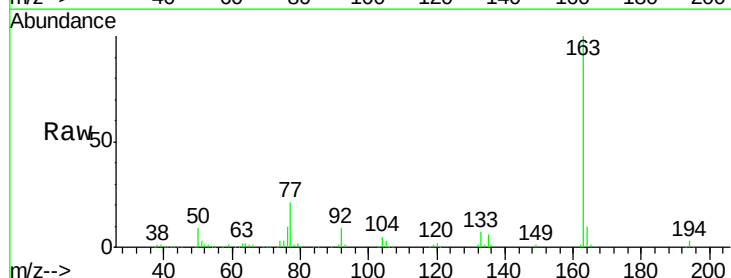


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

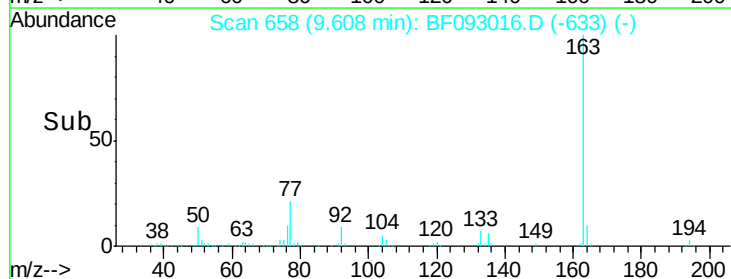
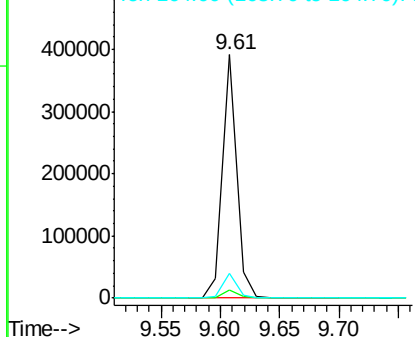


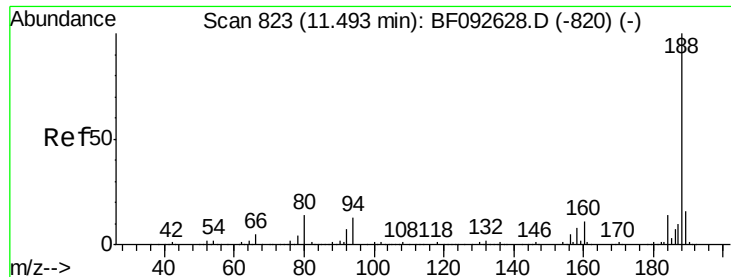
#49
 Dimethylphthalate
 Concen: 15.74 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093016.D
 Acq: 17 Feb 2017 17:52

Tgt Ion:163 Resp: 323010
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 10.1 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

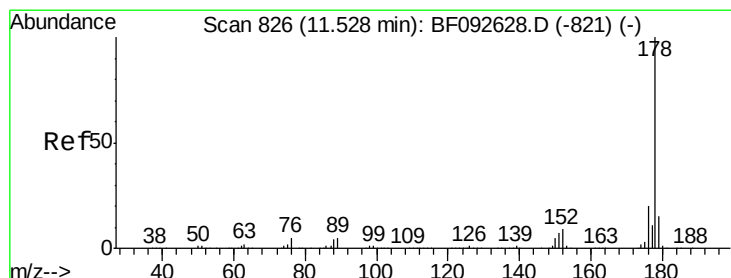
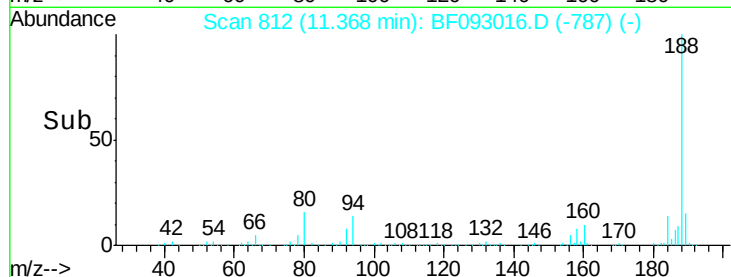
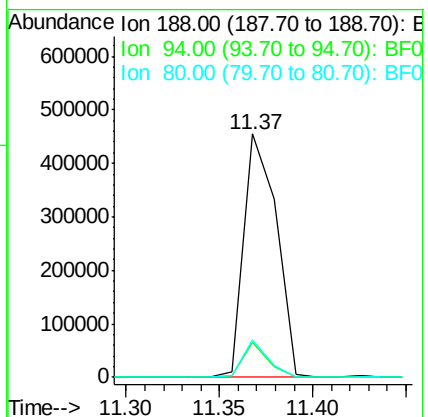
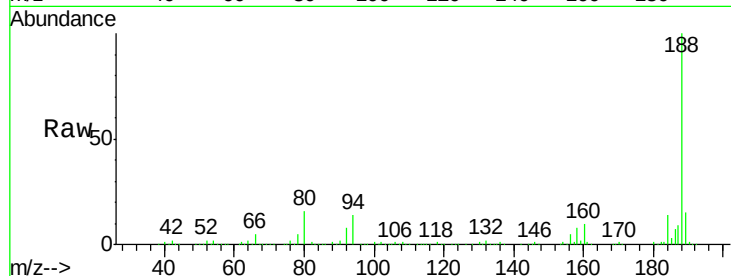




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093016.D
Acq: 17 Feb 2017 17:52

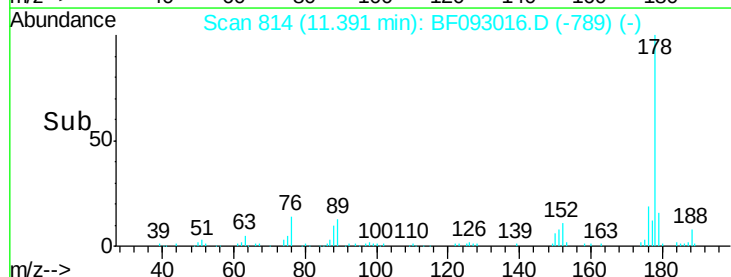
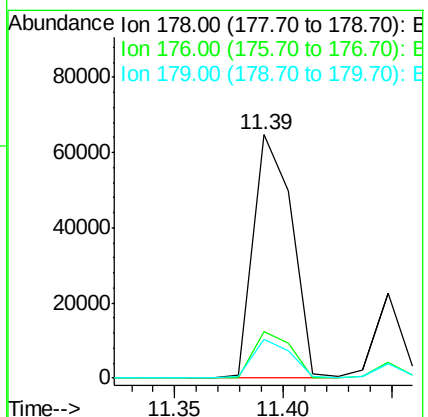
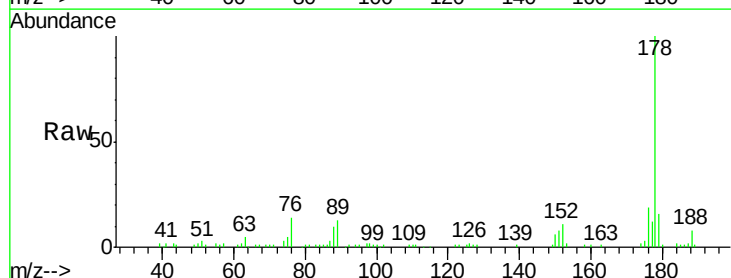
Instrument :
BNA_F
ClientSampleId :
M-2

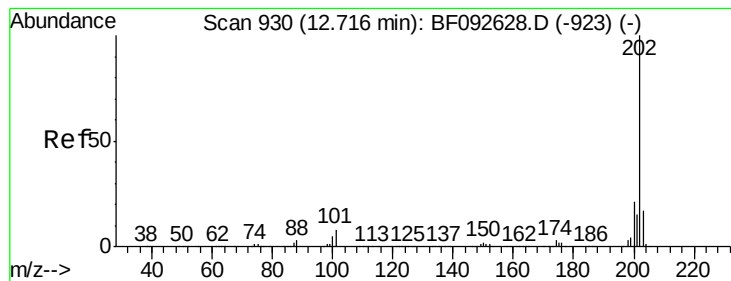
Tgt Ion:188 Resp: 553012
Ion Ratio Lower Upper
188 100
94 14.4 10.0 15.0
80 15.6 11.2 16.8



#70
Phenanthrene
Concen: 2.54 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF093016.D
Acq: 17 Feb 2017 17:52

Tgt Ion:178 Resp: 80334
Ion Ratio Lower Upper
178 100
176 19.0 16.6 25.0
179 15.9 12.8 19.2





#74

Fluoranthene

Concen: 3.81 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093016.D

Acq: 17 Feb 2017 17:52

Instrument :

BNA_F

ClientSampleId :

M-2

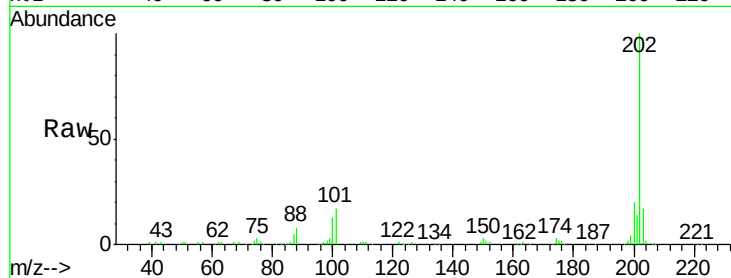
Tgt Ion:202 Resp: 124608

Ion Ratio Lower Upper

202 100

101 16.9 0.0 34.6

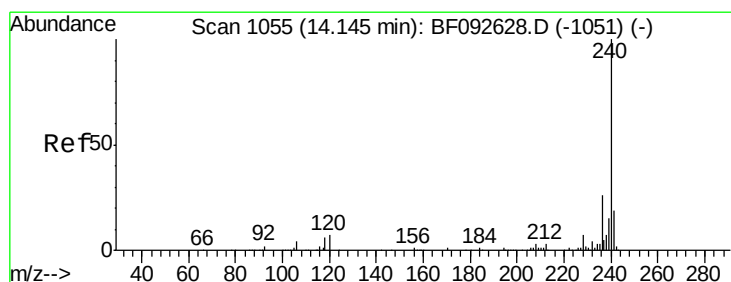
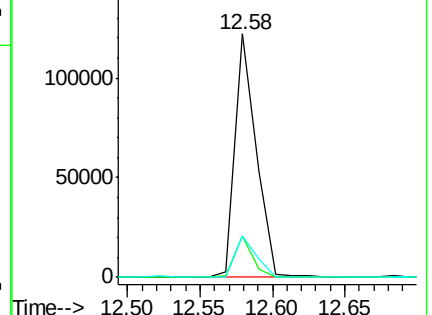
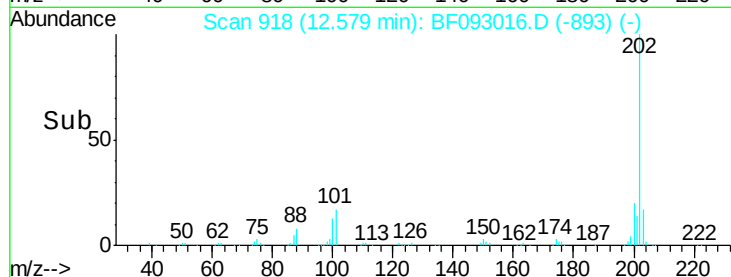
203 17.2 0.0 38.7



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093016.D

Acq: 17 Feb 2017 17:52

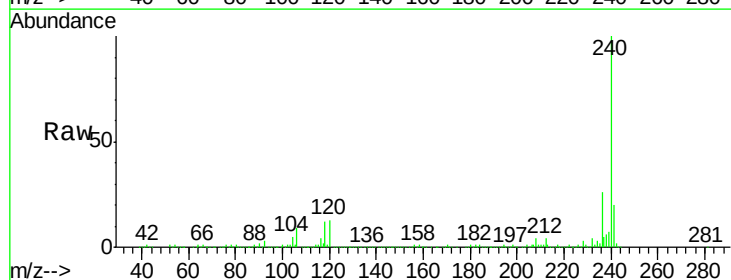
Tgt Ion:240 Resp: 487022

Ion Ratio Lower Upper

240 100

120 13.3 12.9 19.3

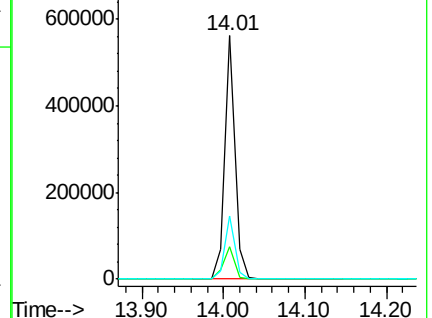
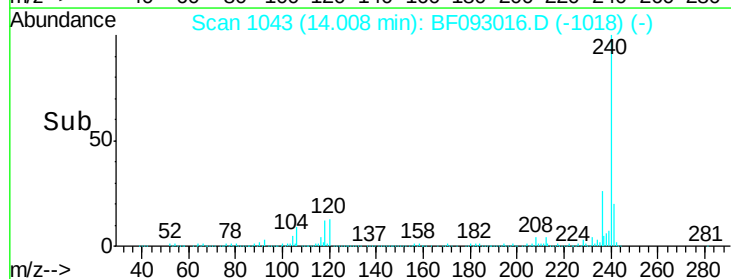
236 26.1 20.9 31.3

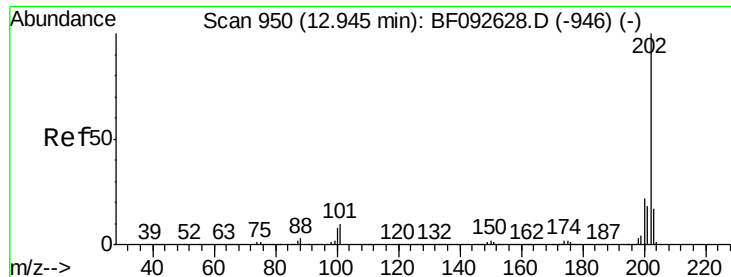


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

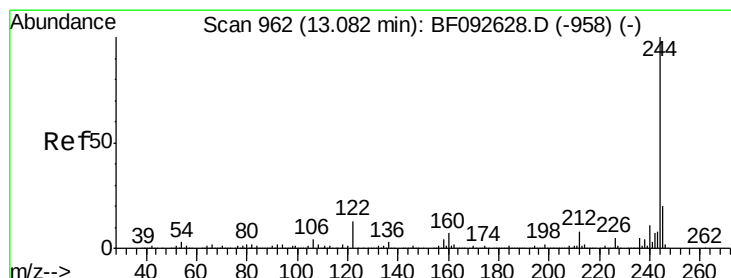
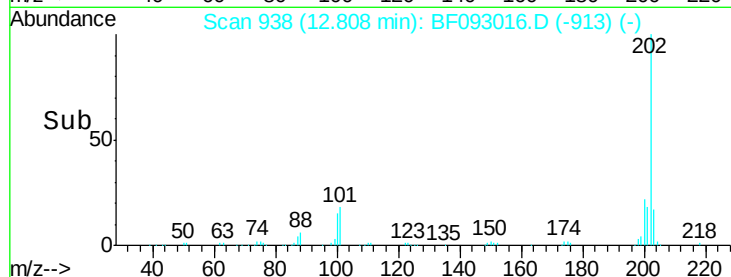
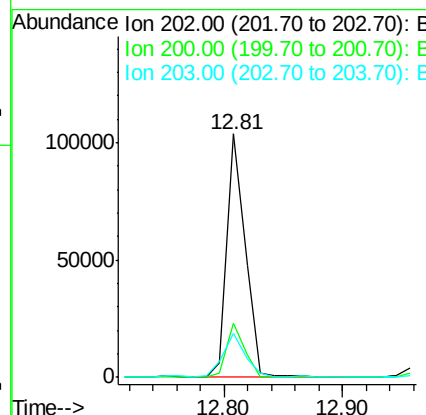
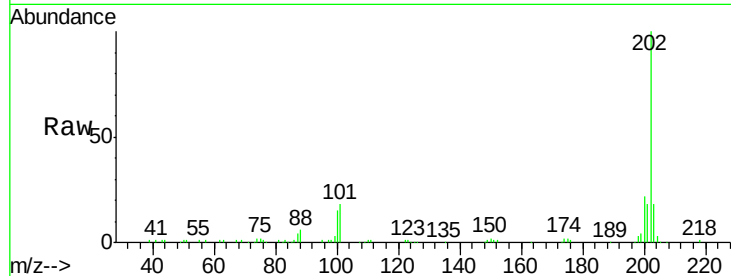




#77
 Pyrene
 Concen: 3.04 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF093016.D
 Acq: 17 Feb 2017 17:52

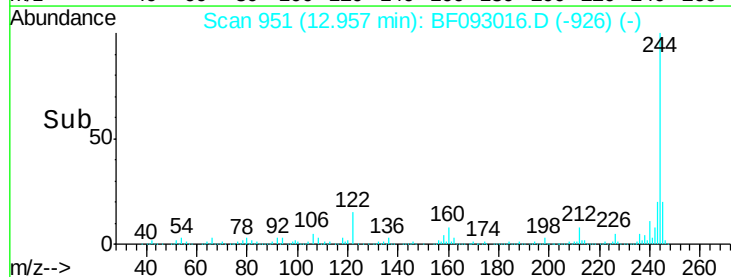
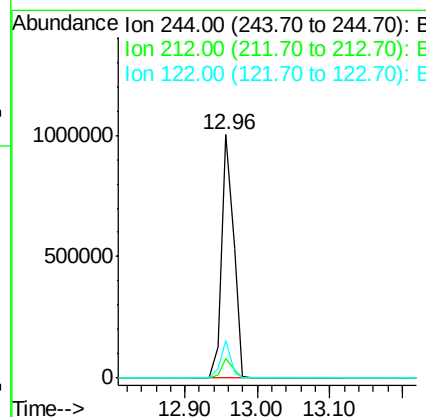
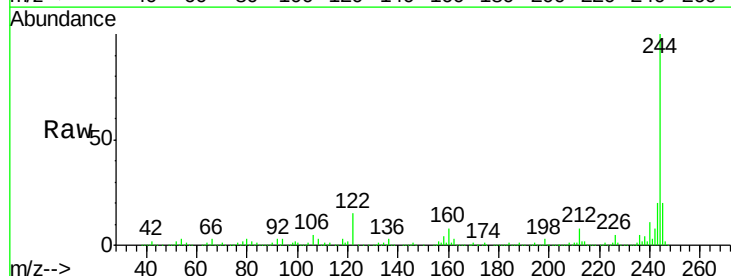
Instrument :
 BNA_F
 ClientSampleId :
 M-2

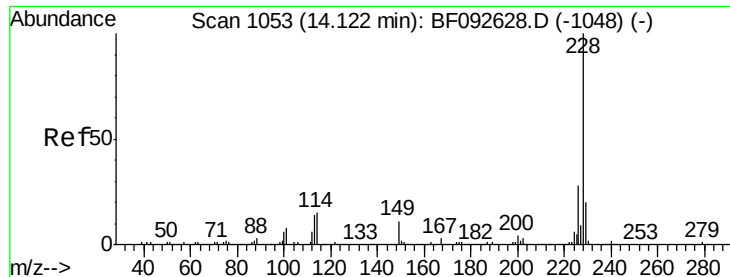
Tgt Ion:202 Resp: 110948
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.7 26.5
 203 17.9 14.7 22.1



#78
 Terphenyl-d14
 Concen: 55.67 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093016.D
 Acq: 17 Feb 2017 17:52

Tgt Ion:244 Resp: 1153857
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 15.4 11.4 17.2





#80

Benzo(a)anthracene

Concen: 2.04 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF093016.D

Acq: 17 Feb 2017 17:52

Instrument :

BNA_F

ClientSampleId :

M-2

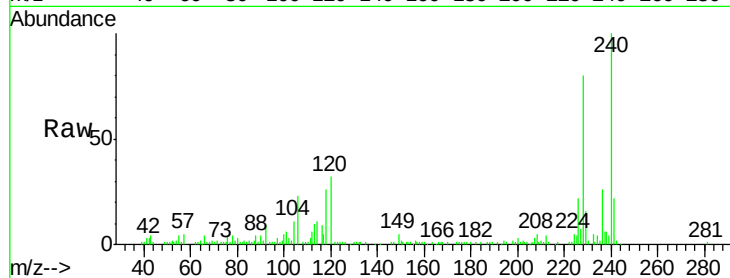
Tgt Ion:228 Resp: 60722

Ion Ratio Lower Upper

228 100

226 27.6 22.4 33.6

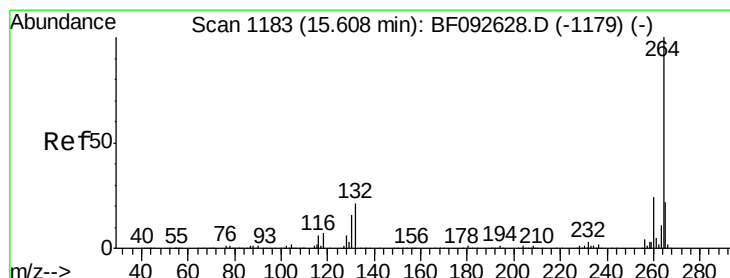
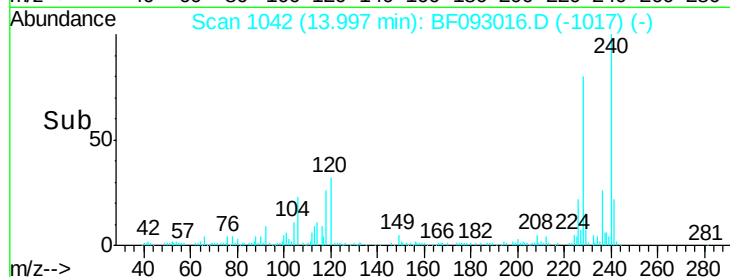
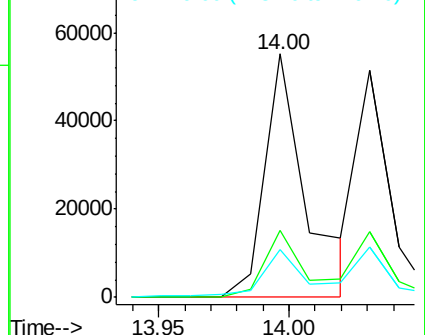
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093016.D

Acq: 17 Feb 2017 17:52

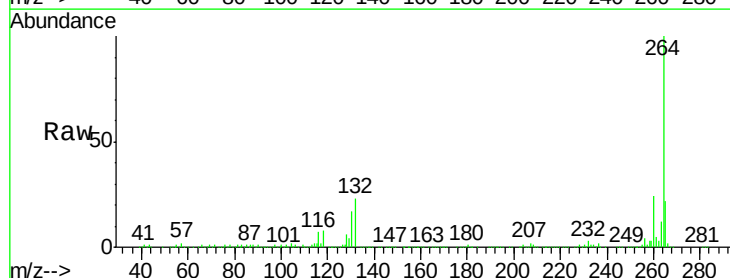
Tgt Ion:264 Resp: 360024

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.1 17.4 26.0



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

