

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092554.D
 Acq On : 27 Jan 2017 4:43
 Operator : SJ/MA
 Sample : I1452-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-24

Quant Time: Jan 27 06:31:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161083	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	607275	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	361206	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	586504	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	465587	20.00	ng	-0.01
86) Perylene-d12	15.64	264	339287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	640909	61.90	ng	0.01
7) Phenol-d6	6.59	99	517685	39.25	ng	0.00
23) Nitrobenzene-d5	7.54	82	1061964	95.53	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	343611	139.60	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1762885	90.25	ng	-0.01
78) Terphenyl-d14	13.10	244	1712165	97.92	ng	-0.01

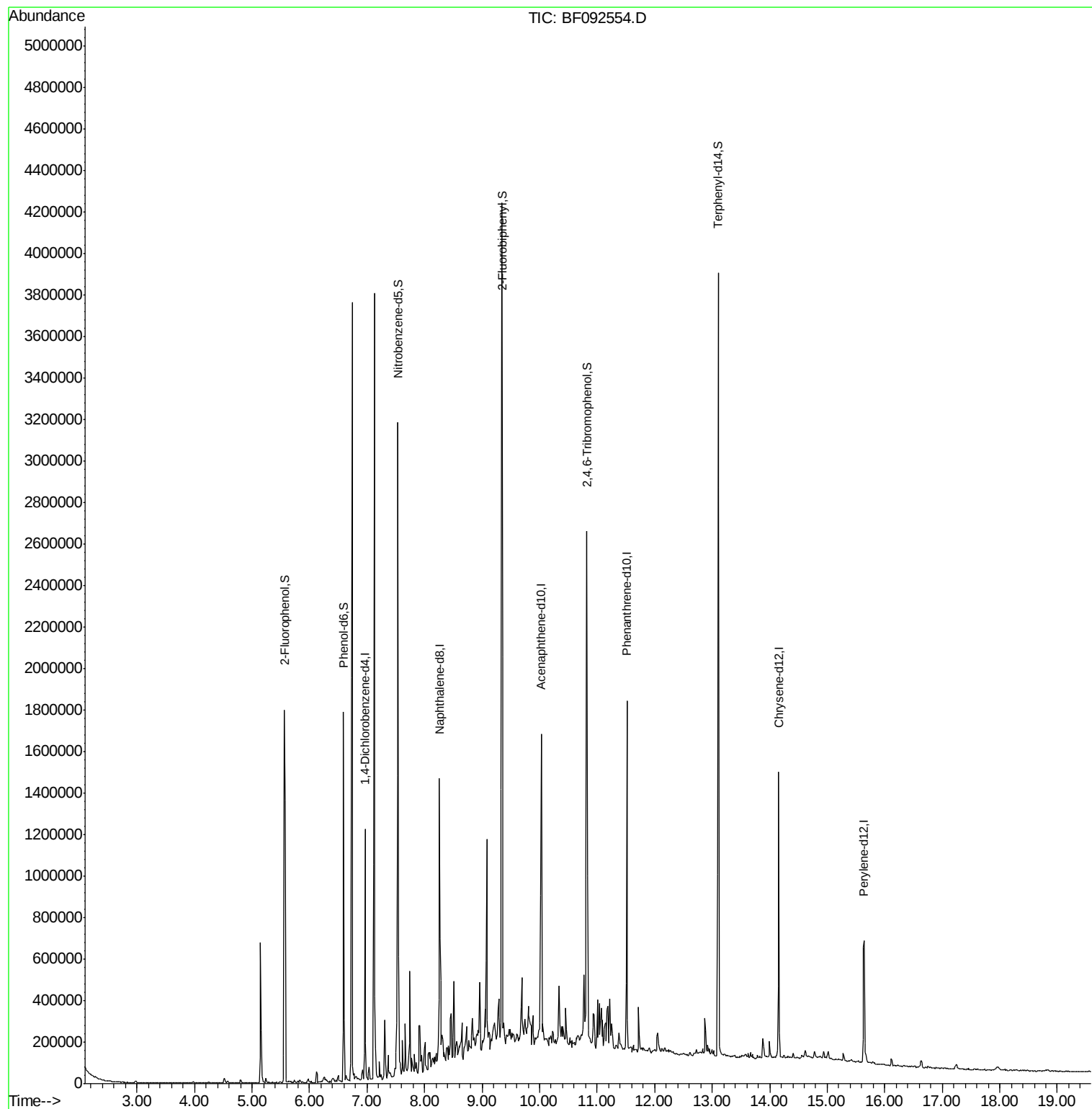
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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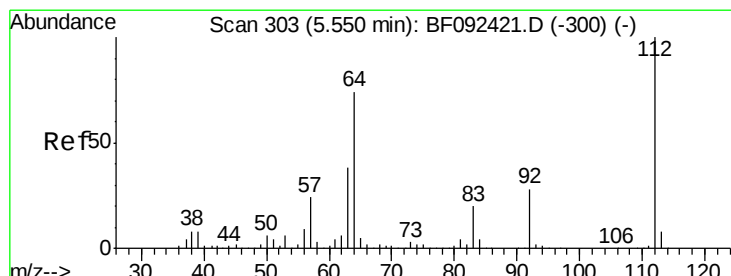
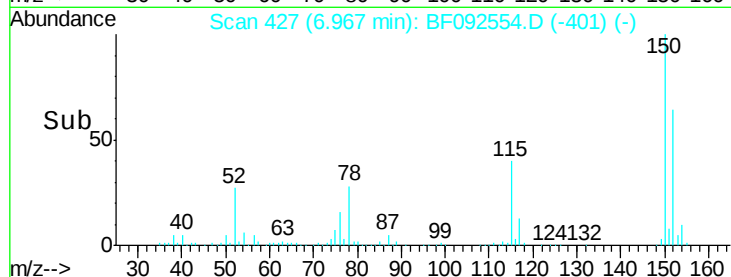
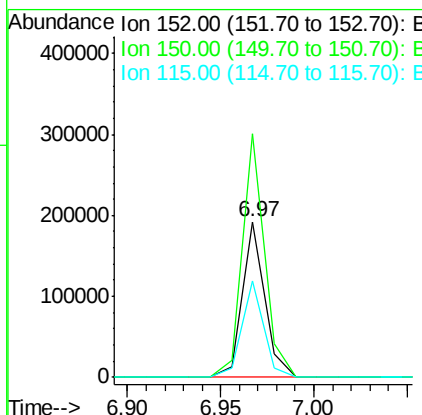
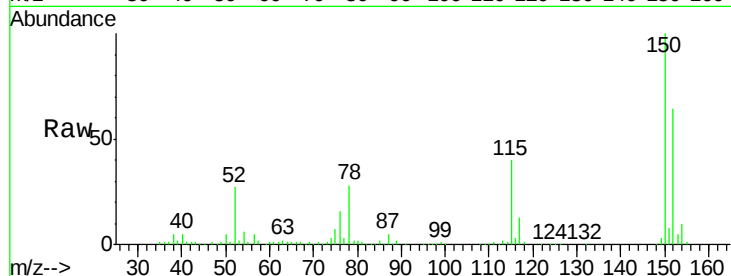




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF092554.D
 Acq: 27 Jan 2017 4:43

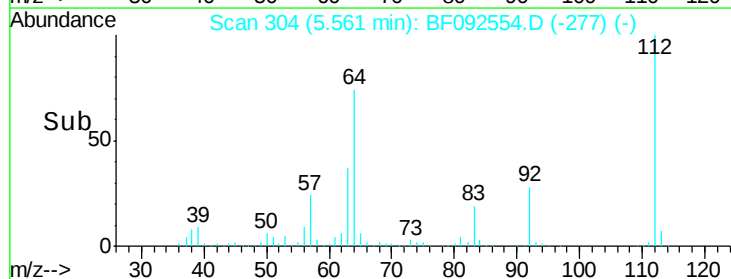
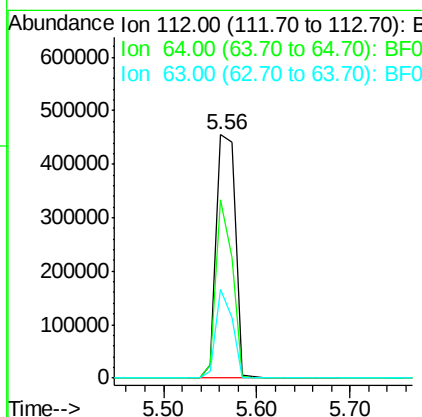
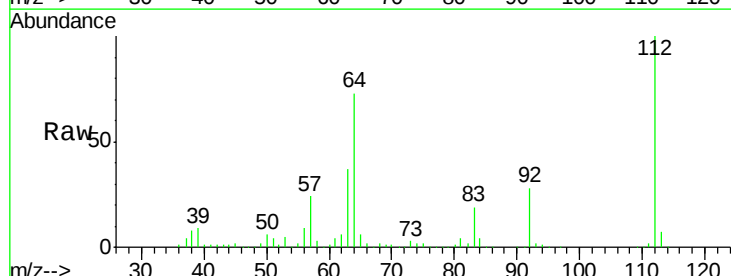
Instrument :
 BNA_F
 ClientSampleId :
 W-24

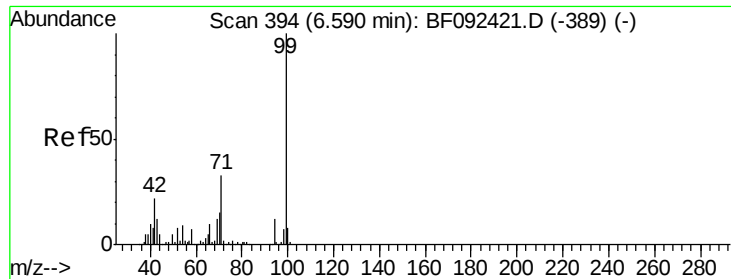
Tgt Ion:152 Resp: 161083
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.9 187.3
 115 62.4 46.0 69.0



#5
 2-Fluorophenol
 Concen: 61.90 ng
 RT: 5.56 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF092554.D
 Acq: 27 Jan 2017 4:43

Tgt Ion:112 Resp: 640909
 Ion Ratio Lower Upper
 112 100
 64 73.3 46.1 69.1#
 63 36.6 23.8 35.6#





#7

Phenol-d6

Concen: 39.25 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

Instrument :

BNA_F

ClientSampleId :

W-24

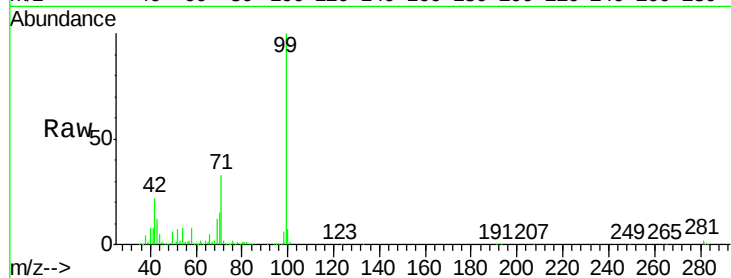
Tgt Ion: 99 Resp: 517685

Ion Ratio Lower Upper

99 100

42 22.2 15.6 23.4

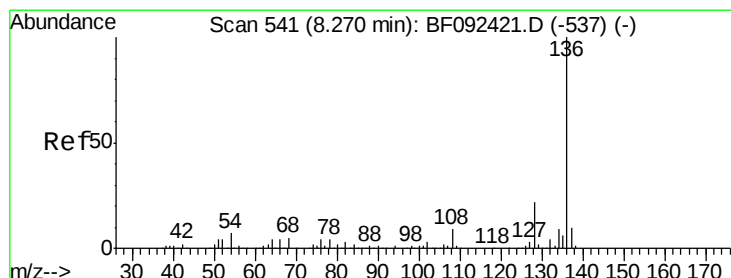
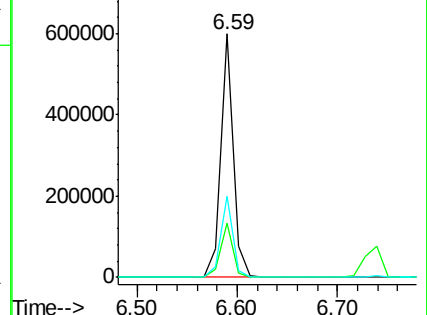
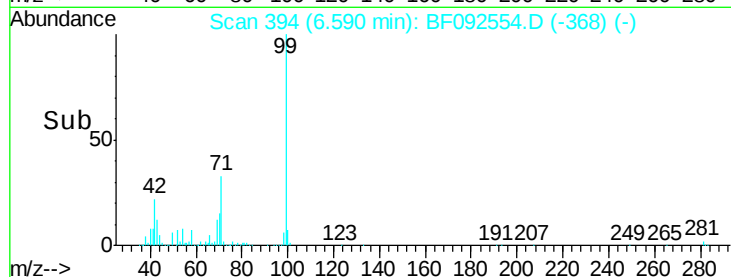
71 33.1 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

Tgt Ion: 136 Resp: 607275

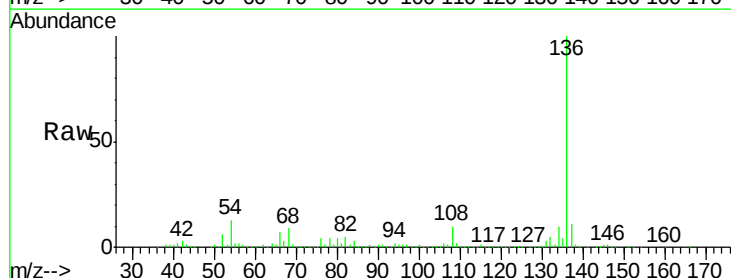
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 12.9 4.5 6.7#

68 8.9 3.6 5.4#

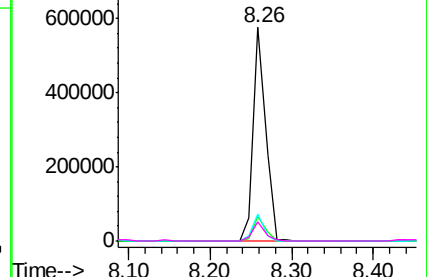
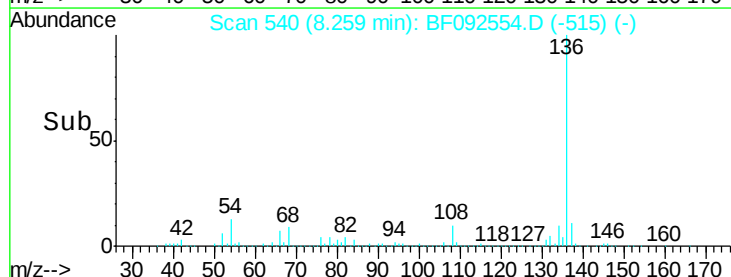


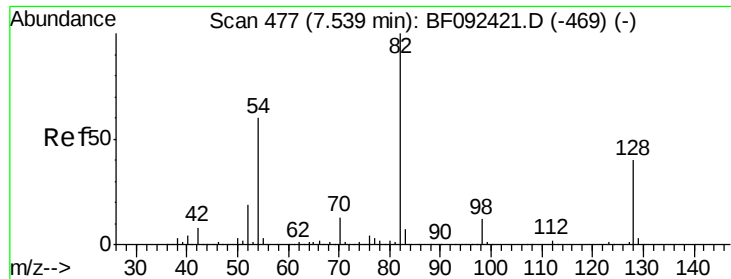
Abundance Ion 136.00 (135.70 to 136.70): E

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

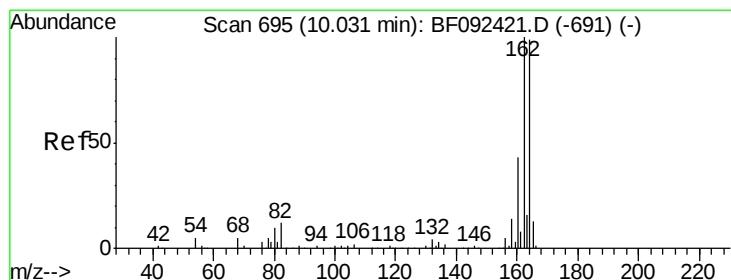
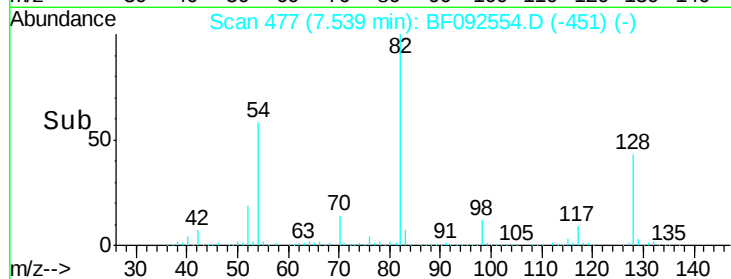
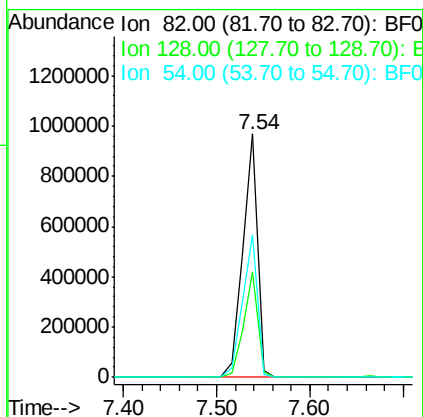
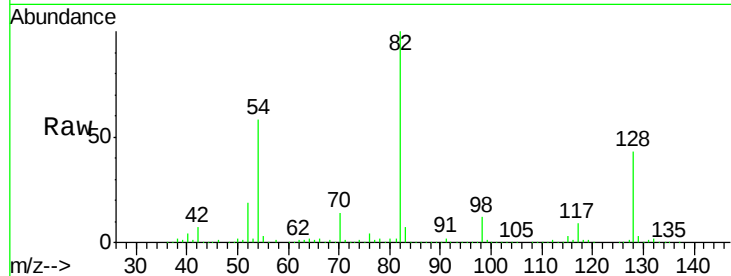




#23
 Nitrobenzene-d5
 Concen: 95.53 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092554.D
 Acq: 27 Jan 2017 4:43

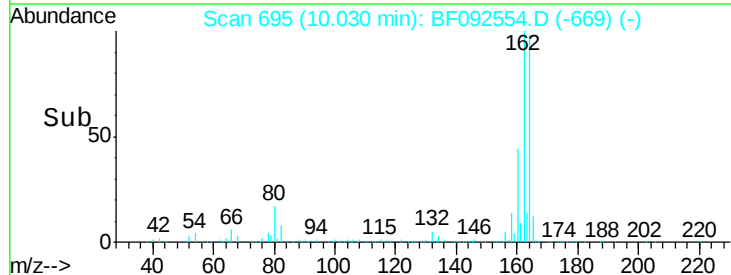
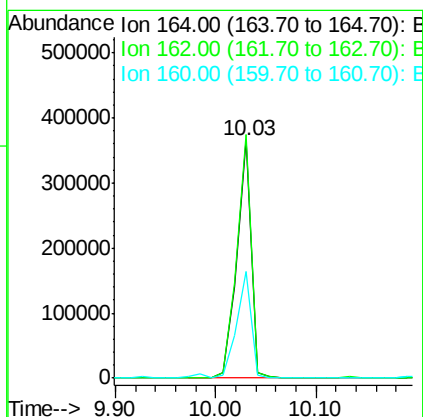
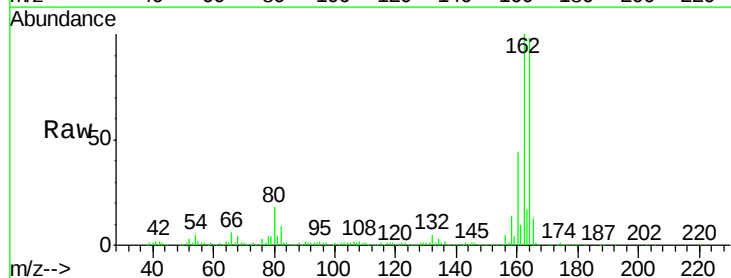
Instrument :
 BNA_F
 ClientSampleId :
 W-24

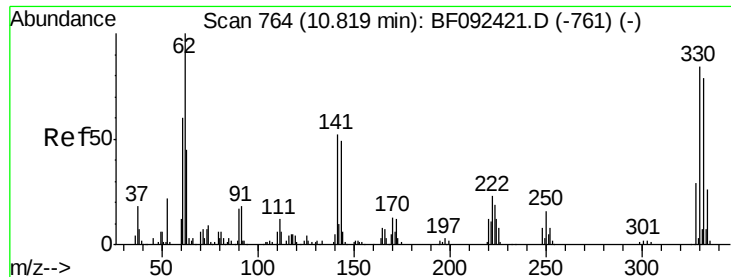
Tgt Ion: 82 Resp: 1061964
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.6 52.0
 54 58.4 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092554.D
 Acq: 27 Jan 2017 4:43

Tgt Ion: 164 Resp: 361206
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.2 120.2
 160 44.7 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 139.60 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

Instrument :

BNA_F

ClientSampleId :

W-24

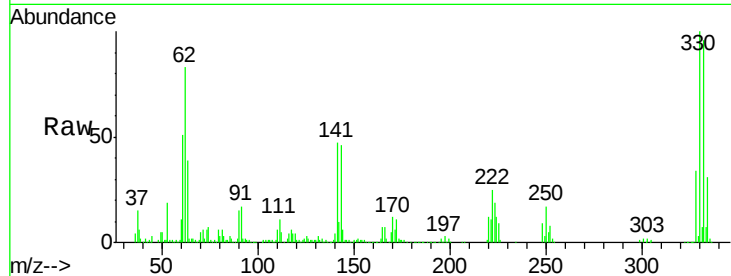
Tgt Ion:330 Resp: 343611

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

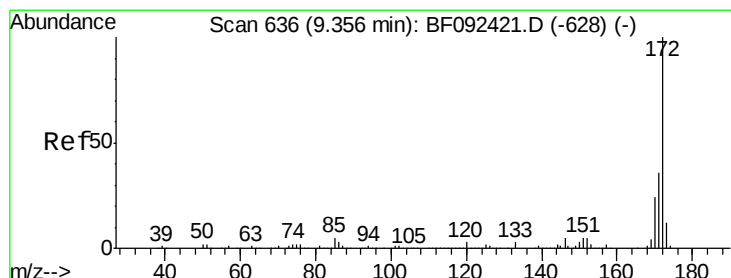
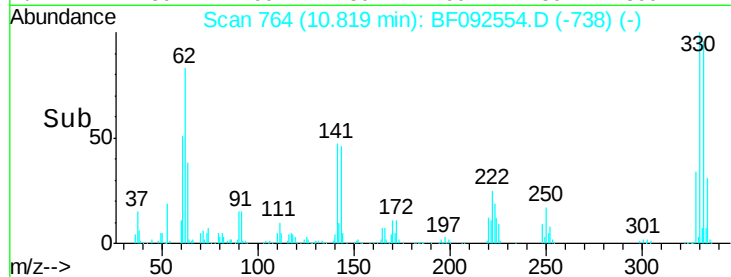
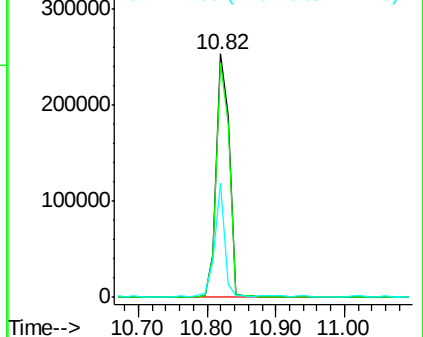
141 34.6 34.1 51.1



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: 90.25 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

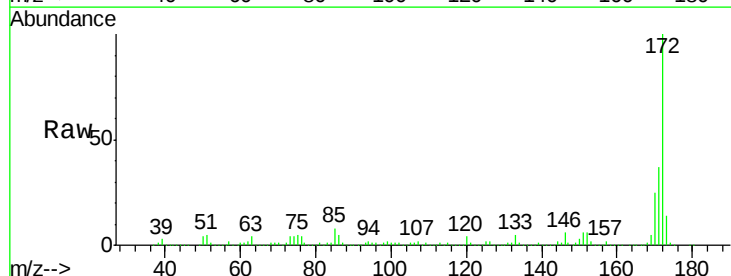
Tgt Ion:172 Resp: 1762885

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

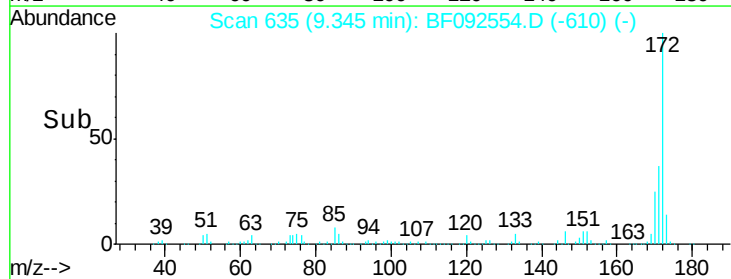
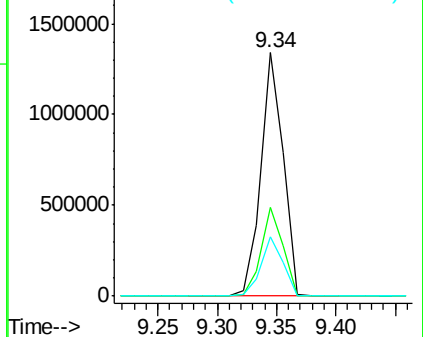
170 24.6 20.2 30.4

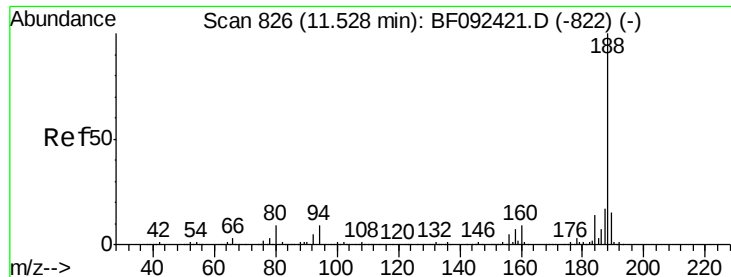


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

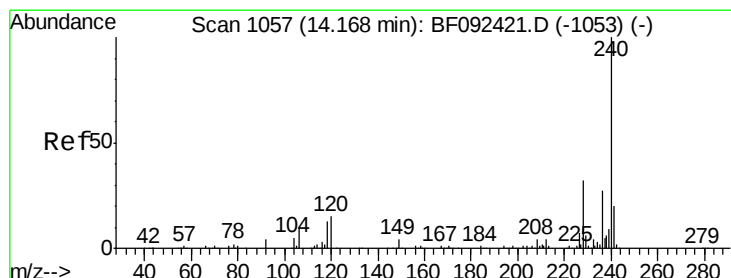
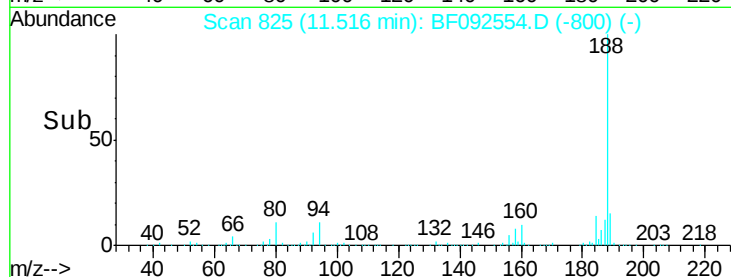
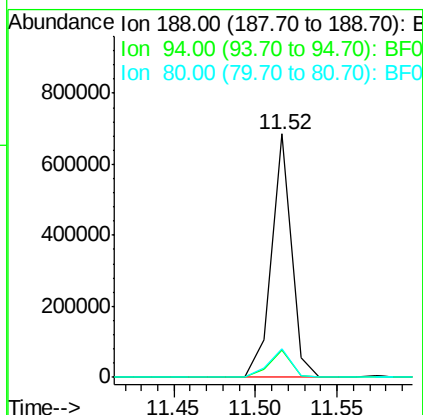
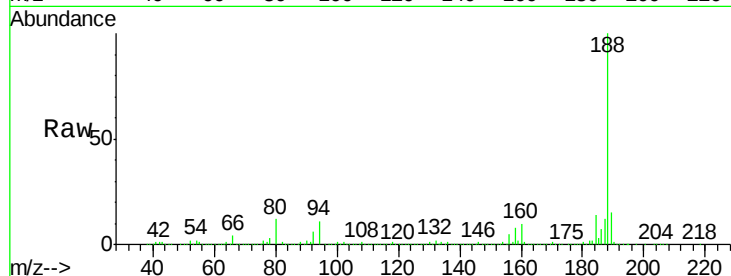




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092554.D
Acq: 27 Jan 2017 4:43

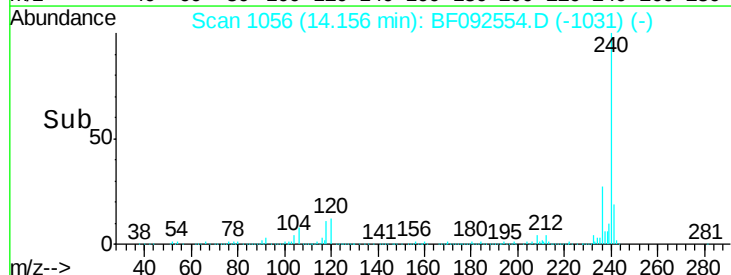
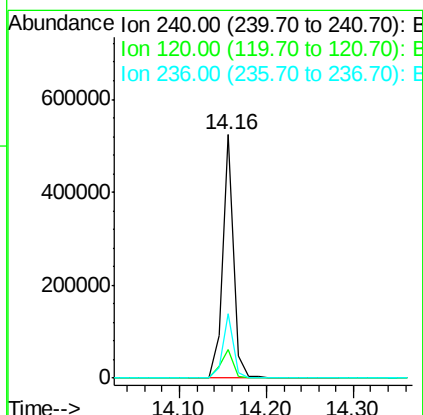
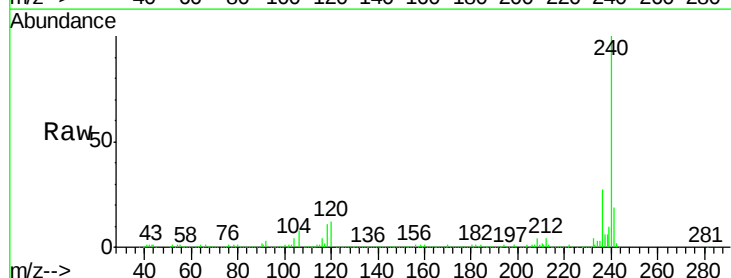
Instrument :
BNA_F
ClientSampleId :
W-24

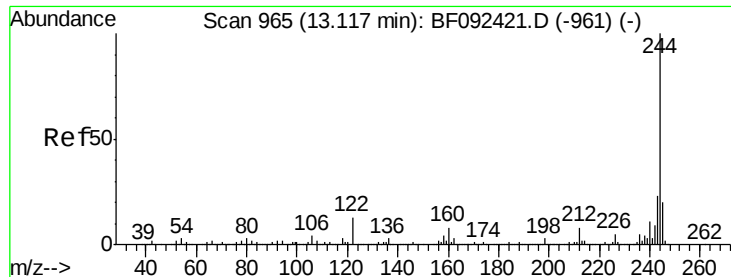
Tgt Ion:188 Resp: 586504
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 11.6 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092554.D
Acq: 27 Jan 2017 4:43

Tgt Ion:240 Resp: 465587
Ion Ratio Lower Upper
240 100
120 11.9 12.9 19.3#
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 97.92 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

Instrument :

BNA_F

ClientSampleId :

W-24

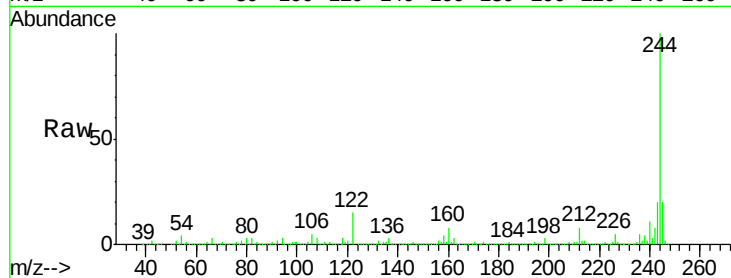
Tgt Ion:244 Resp: 1712165

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

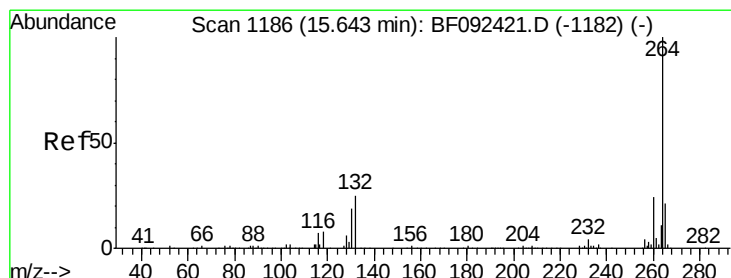
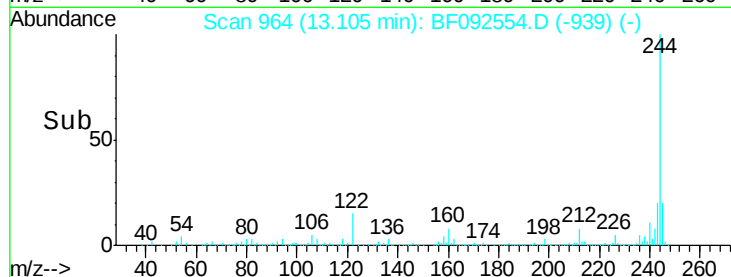
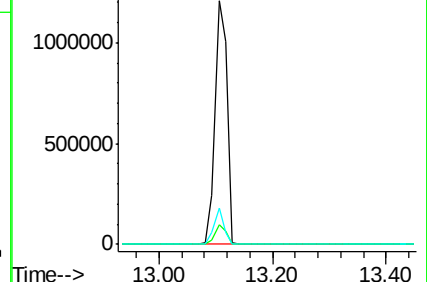
122 14.8 11.4 17.2



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: 20.00 ng

RT: 15.64 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF092554.D

Acq: 27 Jan 2017 4:43

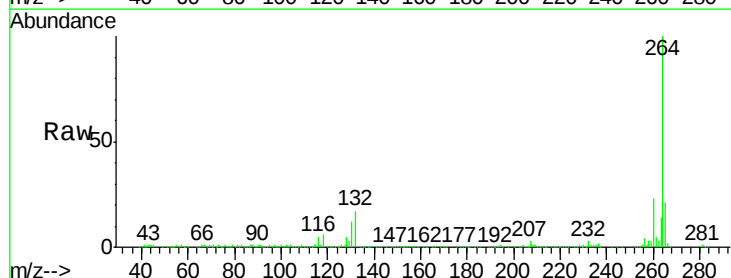
Tgt Ion:264 Resp: 339287

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.4 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

