

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
 Data File : BF090942.D
 Acq On : 31 Oct 2016 21:38
 Operator : UM/SJ
 Sample : H5473-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WOOLSTON-TS-003

Quant Time: Nov 01 14:01:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

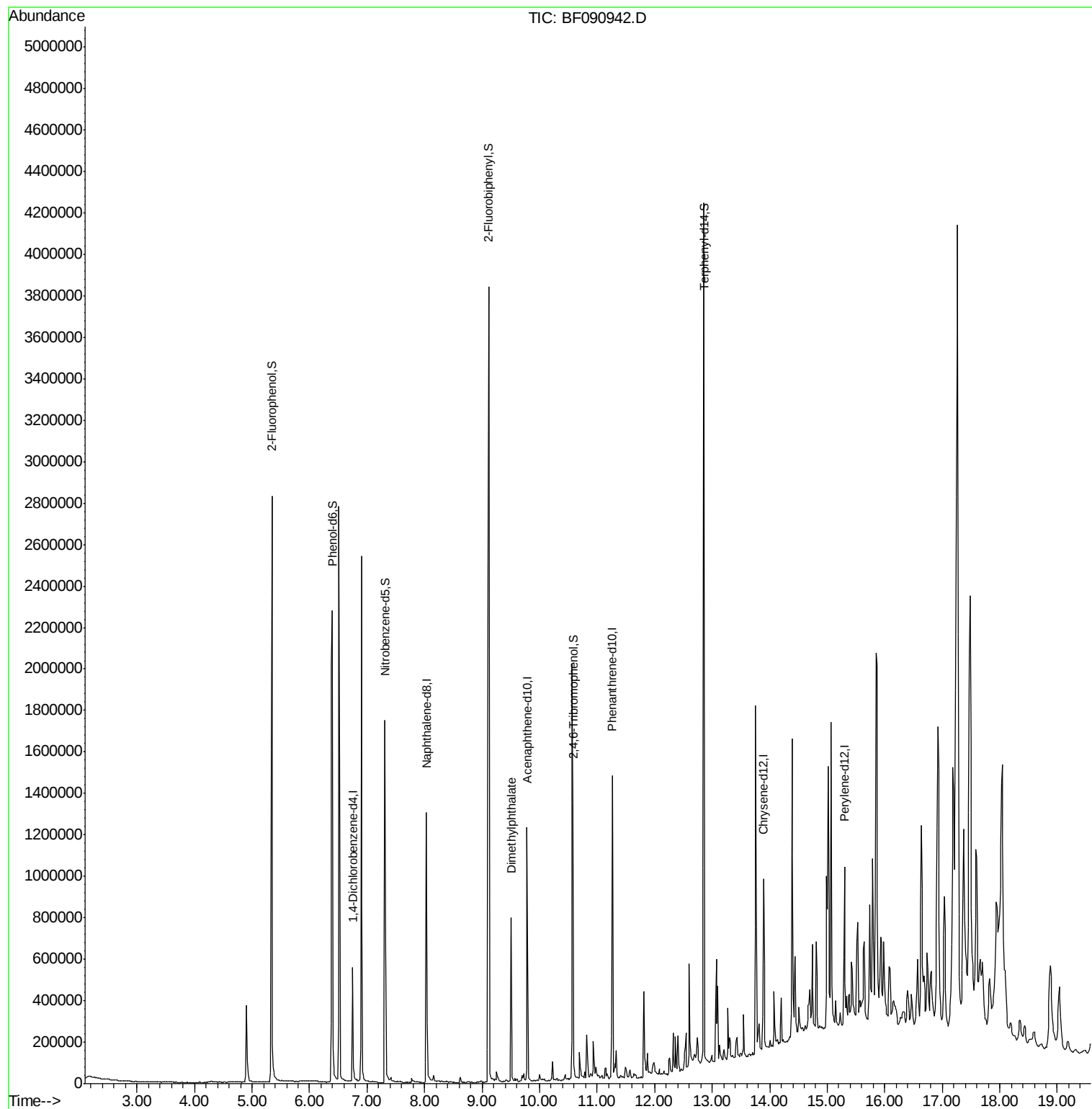
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	133503	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	584922	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	292305	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	495405	20.00	ng	0.00
75) Chrysene-d12	13.89	240	314692	20.00	ng	-0.01
86) Perylene-d12	15.30	264	306748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1031449	135.08	ng	0.01
7) Phenol-d6	6.40	99	1368471	132.84	ng	0.00
23) Nitrobenzene-d5	7.31	82	727318	81.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	341356	113.64	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1583127	95.10	ng	0.00
78) Terphenyl-d14	12.85	244	1228148	98.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	296300	15.17	ng	Qvalue # 97

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

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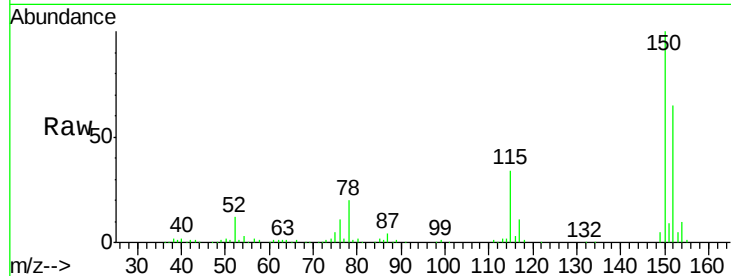


#1

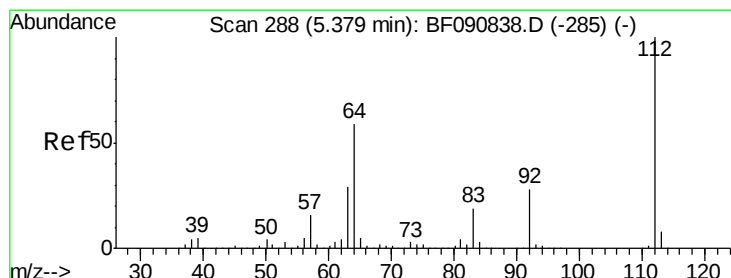
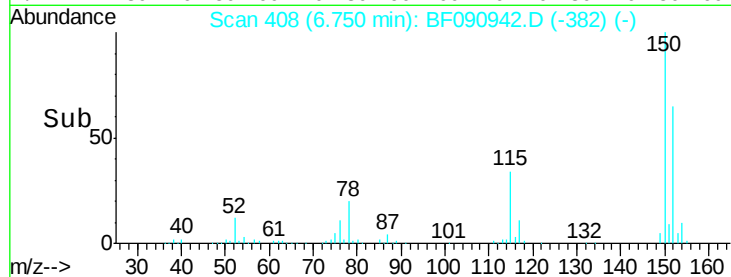
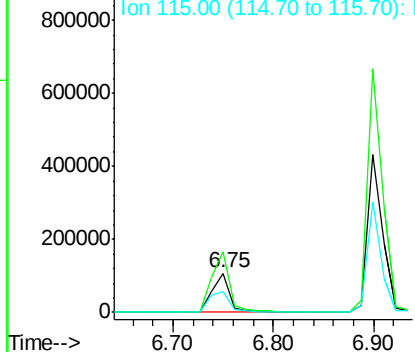
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090942.D
Acq: 31 Oct 2016 21:38

Instrument :
BNA_F
ClientSampleId :
WOOLSTON-TS-003

Tgt Ion:152 Resp: 133503
Ion Ratio Lower Upper
152 100
150 154.6 124.7 187.1
115 52.6 39.0 58.4



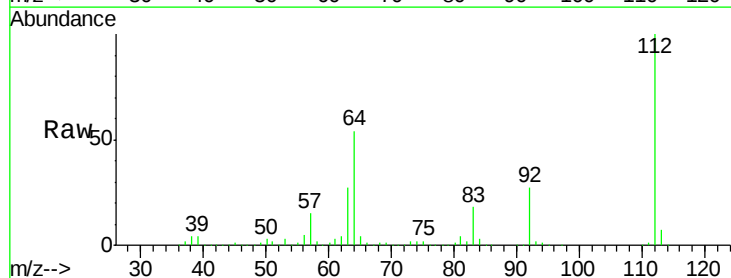
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



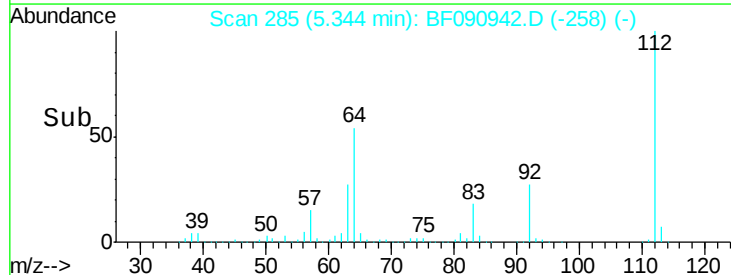
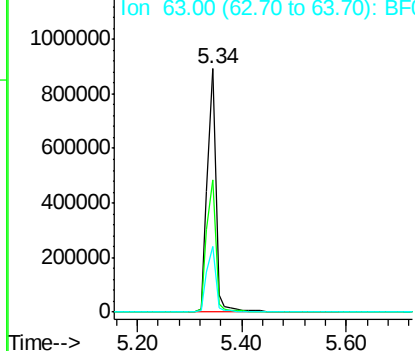
#5

2-Fluorophenol
Concen: 135.08 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF090942.D
Acq: 31 Oct 2016 21:38

Tgt Ion:112 Resp: 1031449
Ion Ratio Lower Upper
112 100
64 54.3 39.7 59.5
63 27.1 17.4 26.0#



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: 132.84 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF090942.D

Acq: 31 Oct 2016 21:38

Instrument :

BNA_F

ClientSampleId :

WOOLSTON-TS-003

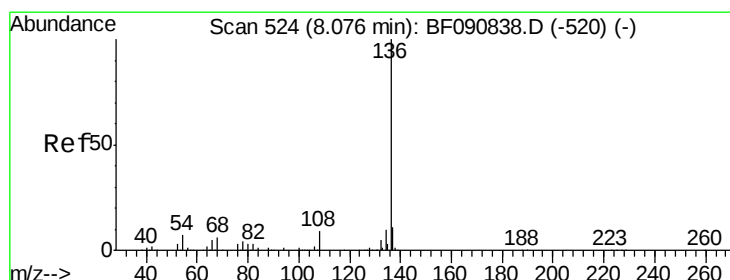
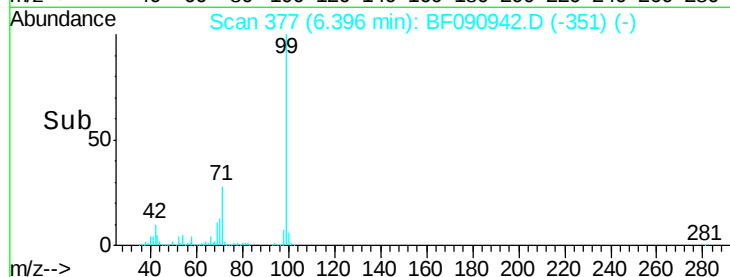
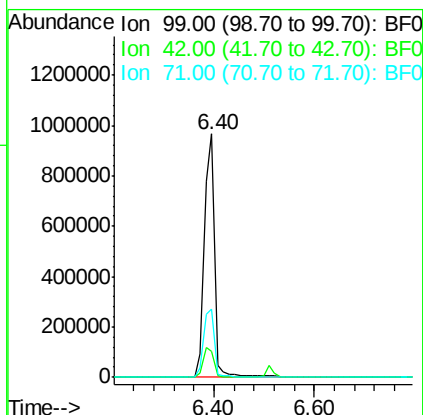
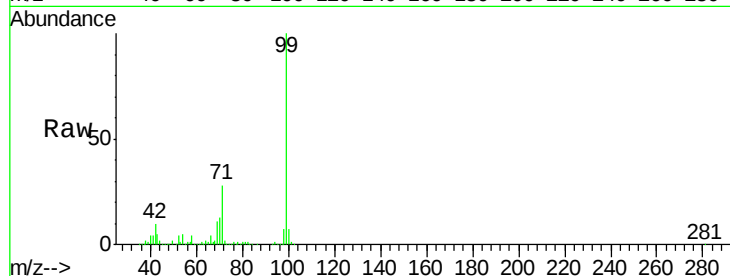
Tgt Ion: 99 Resp: 1368471

Ion Ratio Lower Upper

99 100

42 10.4 13.7 20.5#

71 27.8 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090942.D

Acq: 31 Oct 2016 21:38

Tgt Ion: 136 Resp: 584922

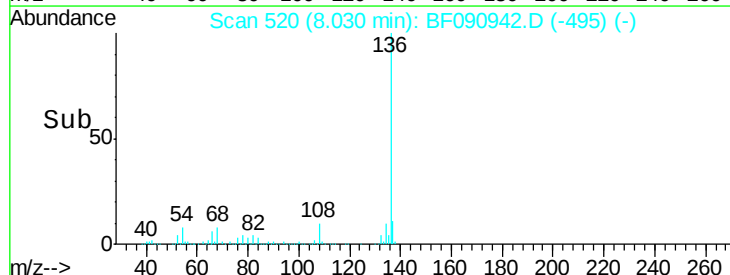
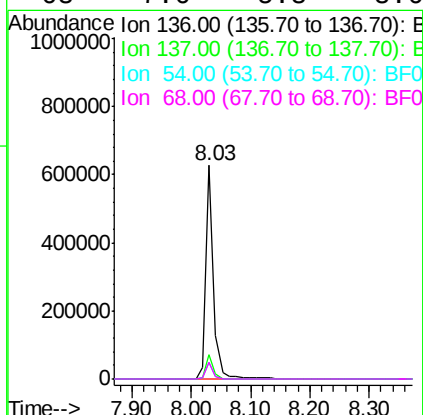
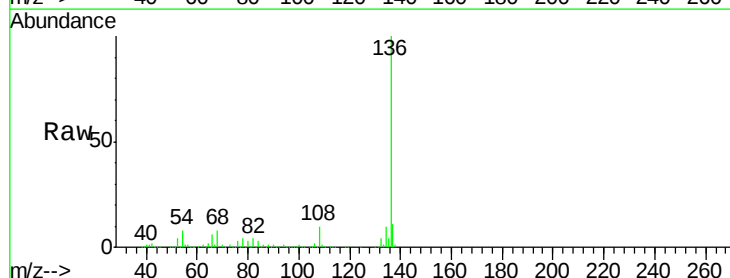
Ion Ratio Lower Upper

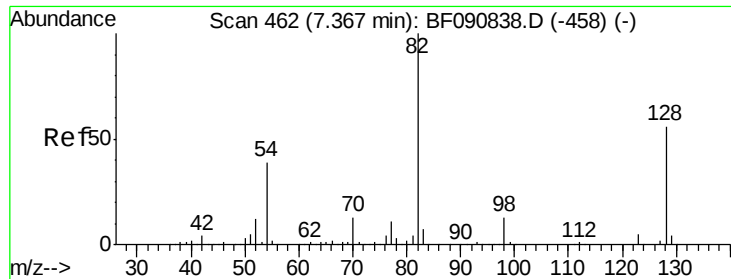
136 100

137 11.2 9.0 13.6

54 8.0 8.2 12.2#

68 7.6 5.8 8.6

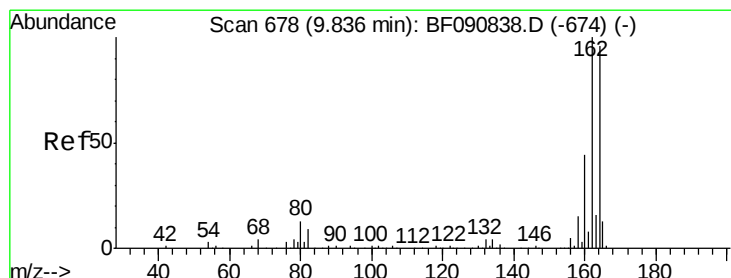
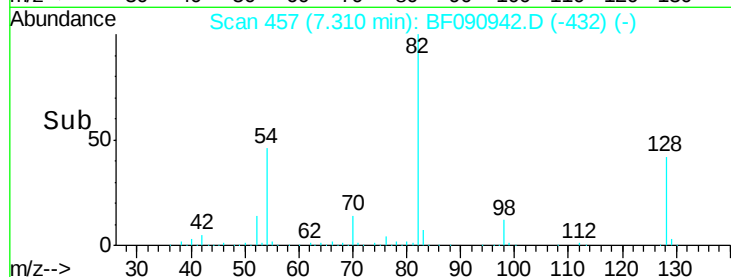
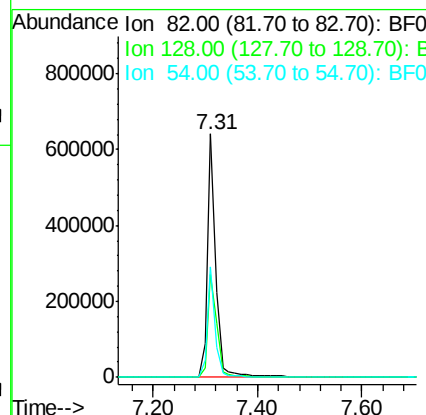
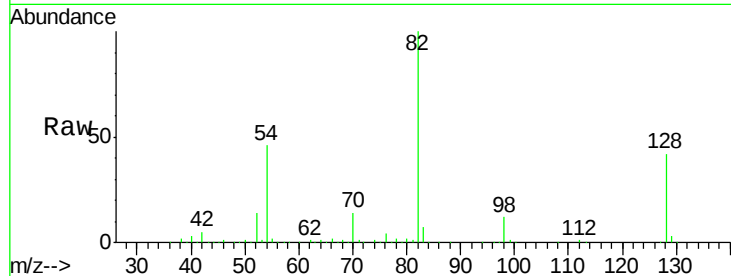




#23
Nitrobenzene-d5
Concen: 81.40 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090942.D
Acq: 31 Oct 2016 21:38

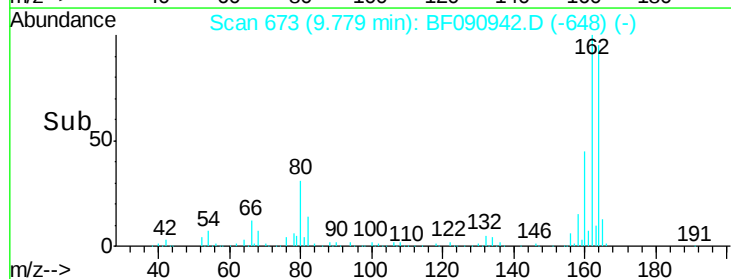
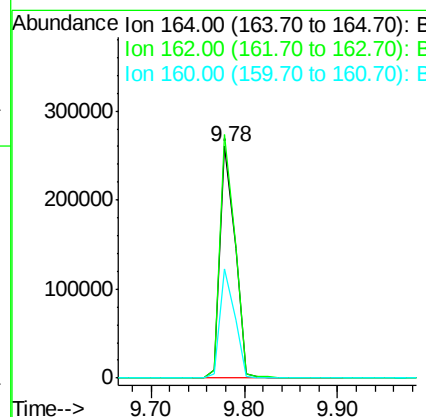
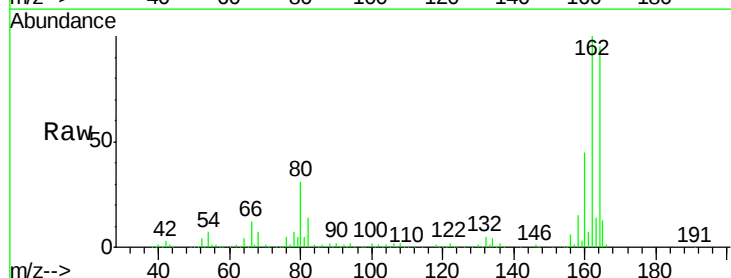
Instrument :
BNA_F
ClientSampleId :
WOOLSTON-TS-003

Tgt Ion: 82 Resp: 727318
Ion Ratio Lower Upper
82 100
128 42.0 51.0 76.6#
54 45.5 47.5 71.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090942.D
Acq: 31 Oct 2016 21:38

Tgt Ion: 164 Resp: 292305
Ion Ratio Lower Upper
164 100
162 105.1 75.2 112.8
160 46.9 31.5 47.3

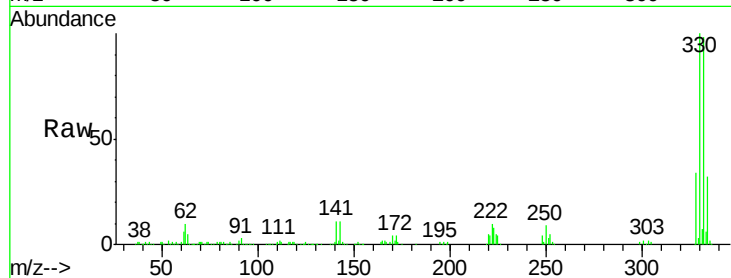




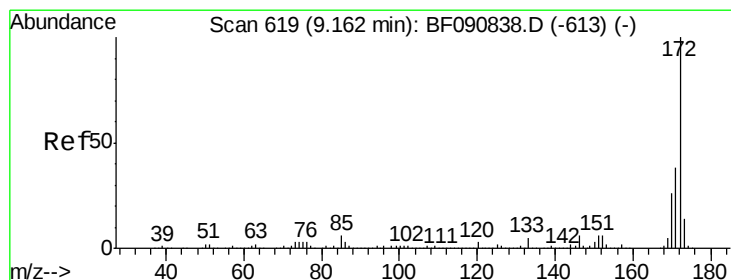
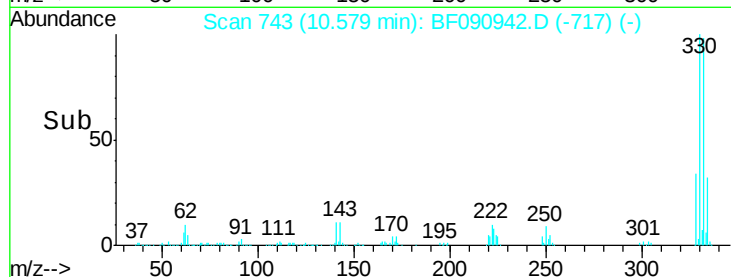
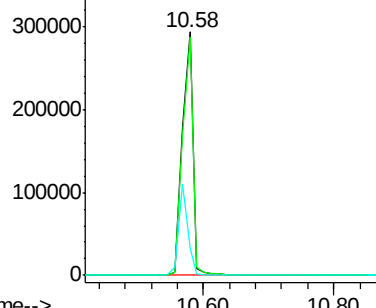
#41
 2,4,6-Tribromophenol
 Concen: 113.64 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF090942.D
 Acq: 31 Oct 2016 21:38

Instrument :
 BNA_F
 ClientSampleId :
 WOOLSTON-TS-003

Tgt Ion: 330 Resp: 341356
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 32.2 29.7 44.5

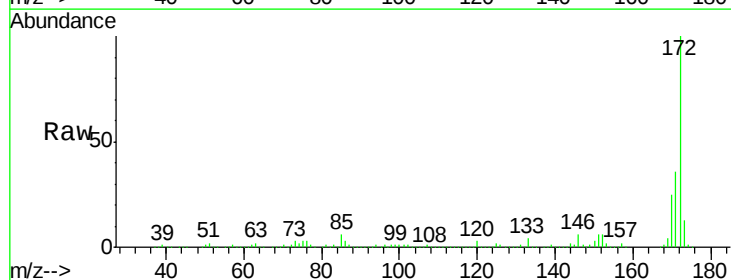


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

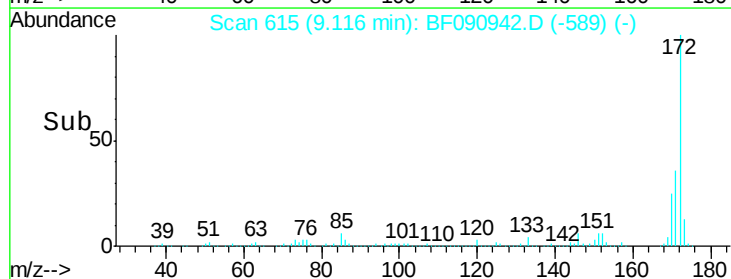
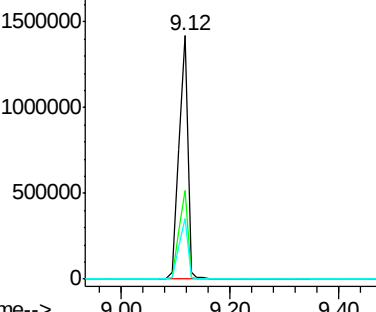


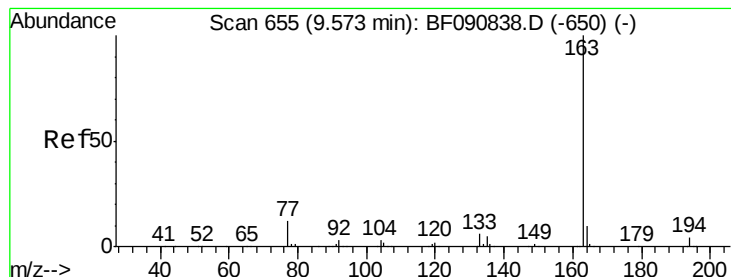
#44
 2-Fluorobiphenyl
 Concen: 95.10 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF090942.D
 Acq: 31 Oct 2016 21:38

Tgt Ion: 172 Resp: 1583127
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.9 17.4 26.2



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: 15.17 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF090942.D

Acq: 31 Oct 2016 21:38

Instrument :

BNA_F

ClientSampleId :

WOOLSTON-TS-003

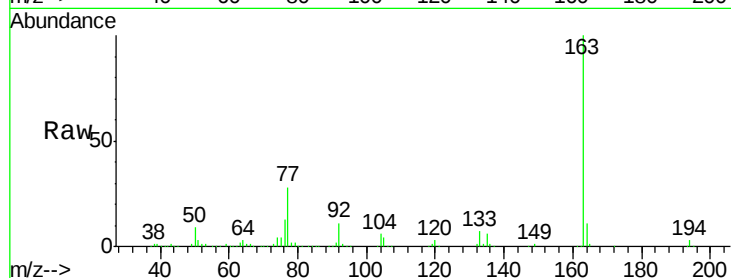
Tgt Ion:163 Resp: 296300

Ion Ratio Lower Upper

163 100

194 2.8 4.4 6.6#

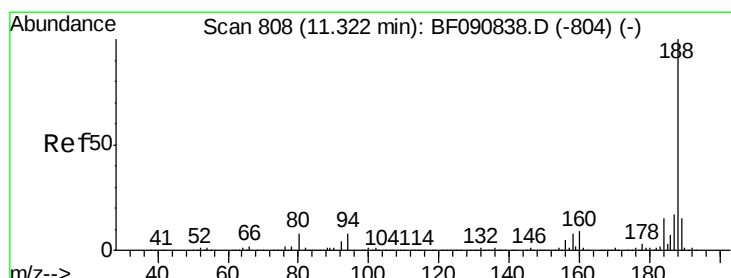
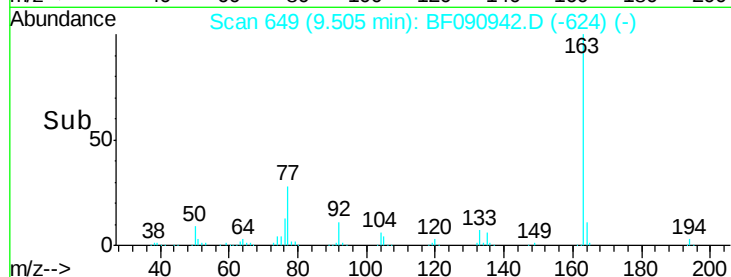
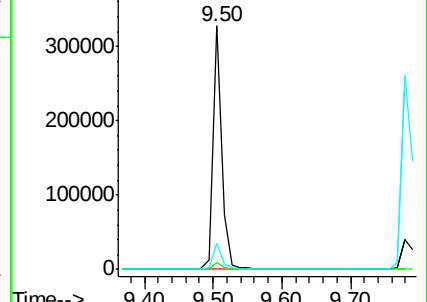
164 10.5 8.3 12.5



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: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF090942.D

Acq: 31 Oct 2016 21:38

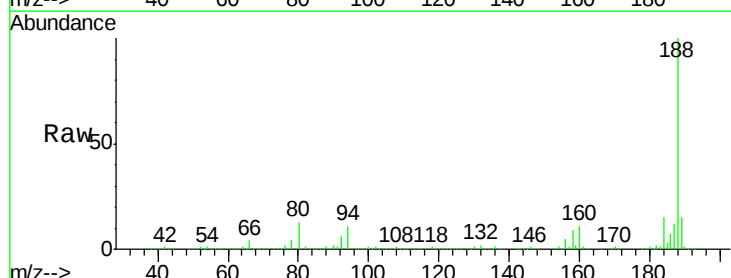
Tgt Ion:188 Resp: 495405

Ion Ratio Lower Upper

188 100

94 11.3 11.1 16.7

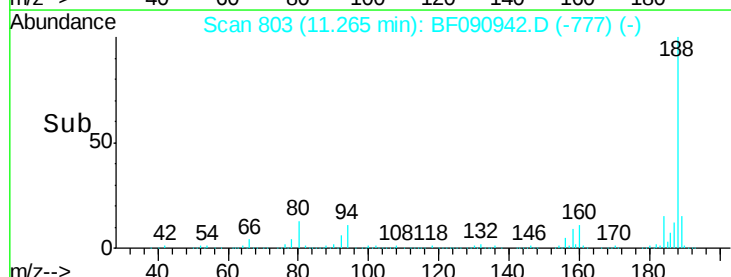
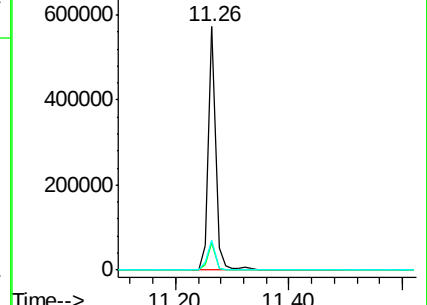
80 12.5 11.0 16.4

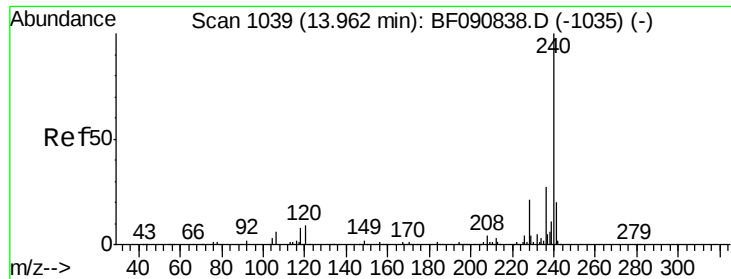


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF090942.D

Acq: 31 Oct 2016 21:38

Instrument :

BNA_F

ClientSampleId :

WOOLSTON-TS-003

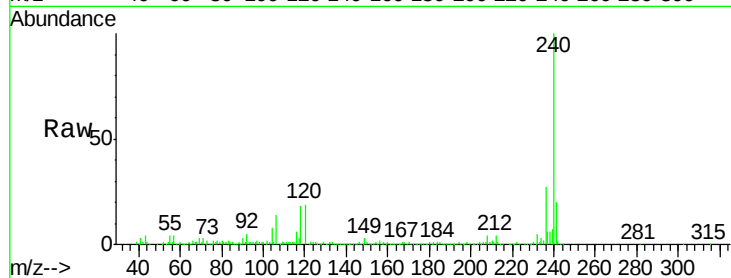
Tgt Ion:240 Resp: 314692

Ion Ratio Lower Upper

240 100

120 19.4 16.2 24.2

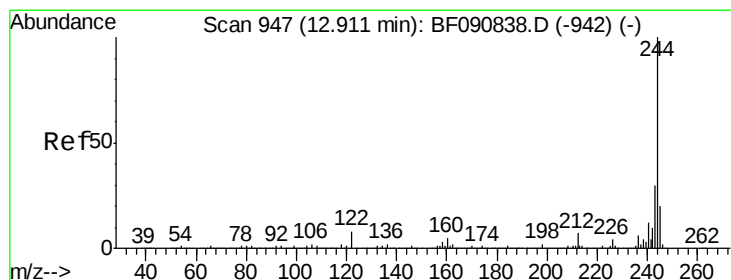
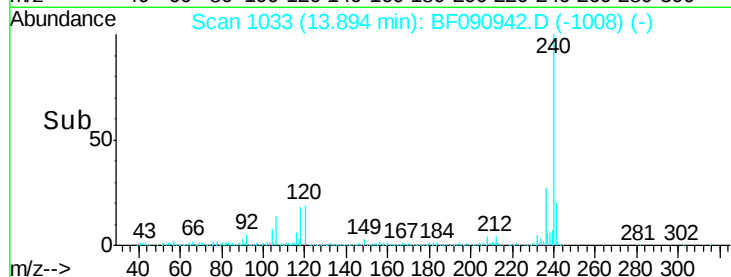
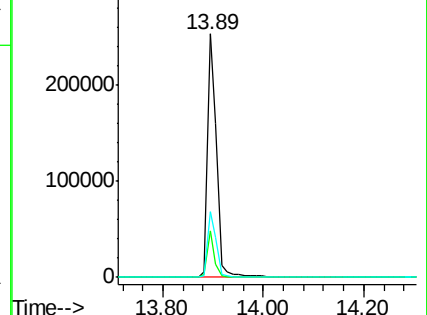
236 27.1 18.4 27.6



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: 98.32 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF090942.D

Acq: 31 Oct 2016 21:38

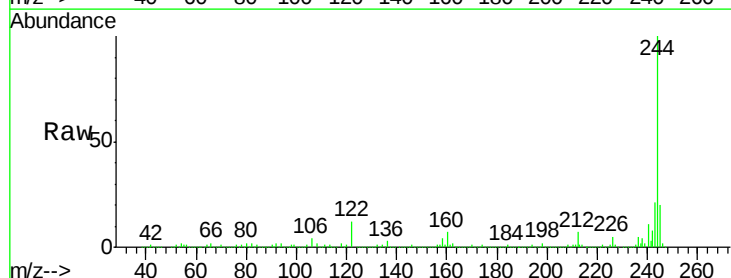
Tgt Ion:244 Resp: 1228148

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

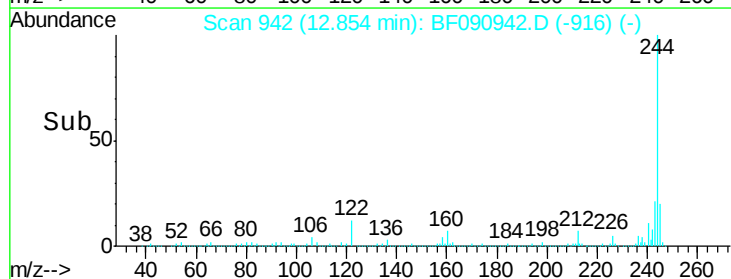
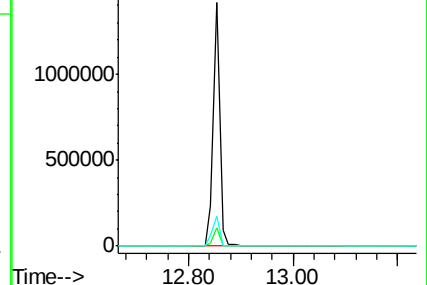
122 12.1 17.4 26.2#

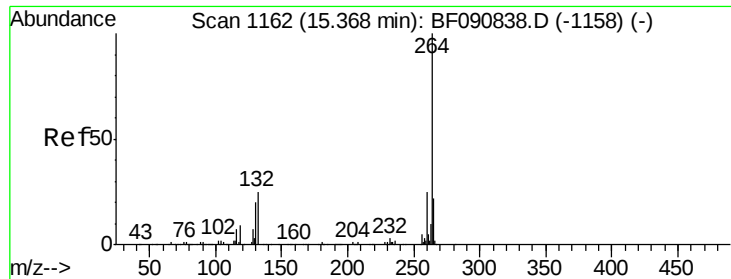


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

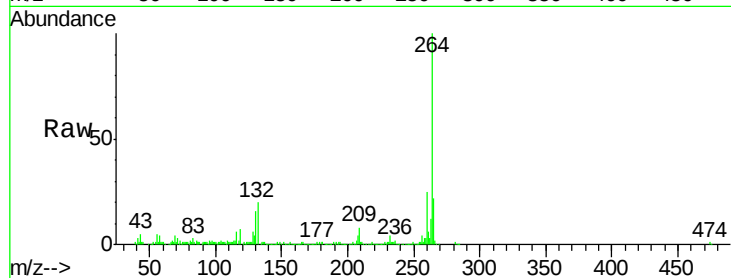




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF090942.D
Acq: 31 Oct 2016 21:38

Instrument :
BNA_F
ClientSampleId :
WOOLSTON-TS-003

Tgt Ion: 264 Resp: 306748
Ion Ratio Lower Upper
264 100
260 24.9 16.7 25.1
265 22.0 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

