

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086550.D
 Acq On : 1 May 2016 4:45
 Operator : UM/SJ
 Sample : H2737-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16

Quant Time: May 02 01:31:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

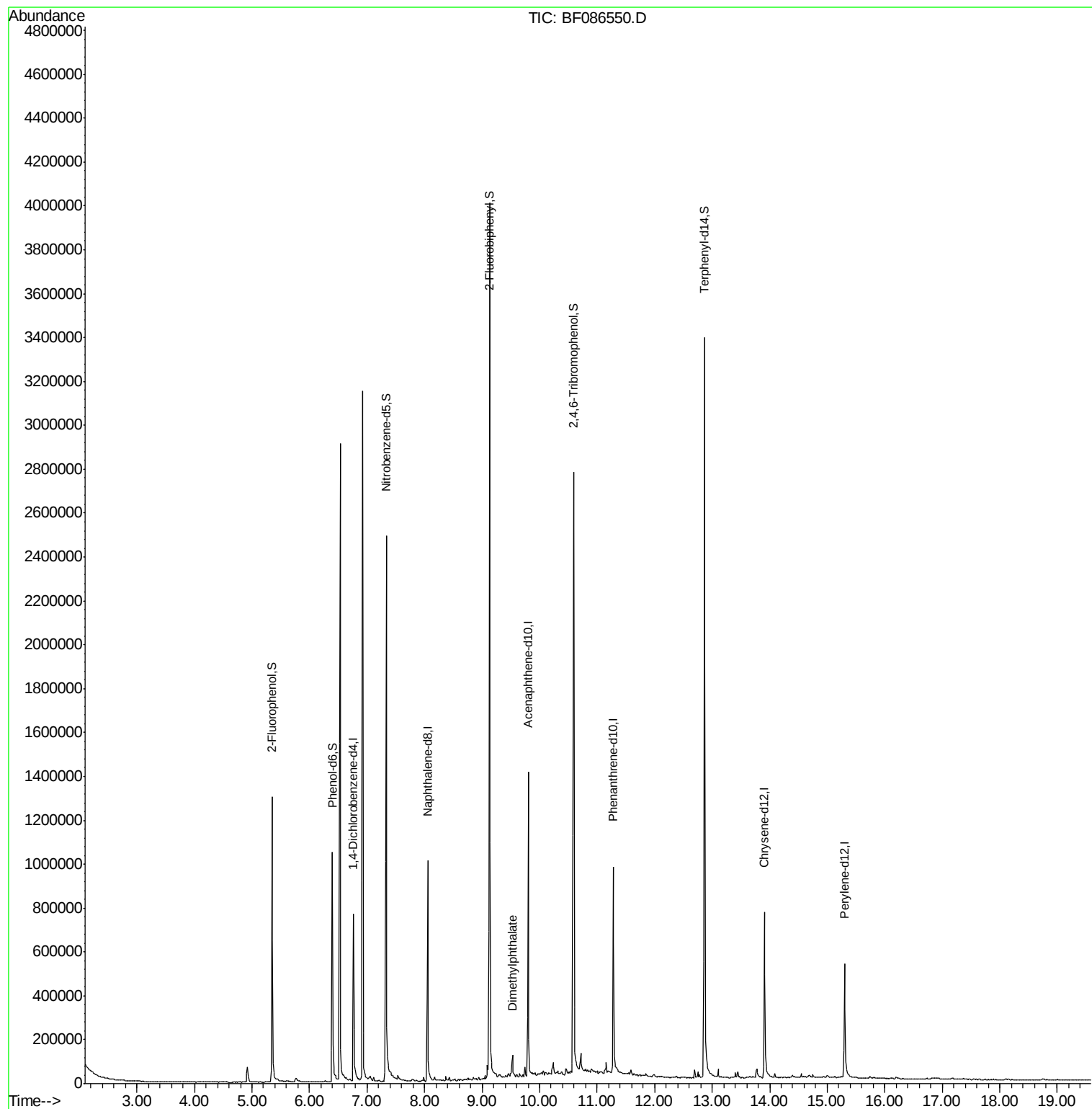
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	122430	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	533443	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	266210	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	487979	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	369311	20.00	ng	-0.06
86) Perylene-d12	15.30	264	285831	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	408458	57.55	ng	-0.04
7) Phenol-d6	6.40	99	368957	37.24	ng	-0.05
23) Nitrobenzene-d5	7.33	82	945694	95.56	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	360436	128.39	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1353748	90.15	ng	-0.05
78) Terphenyl-d14	12.87	244	1381435	82.41	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	52068	2.60	ng	98

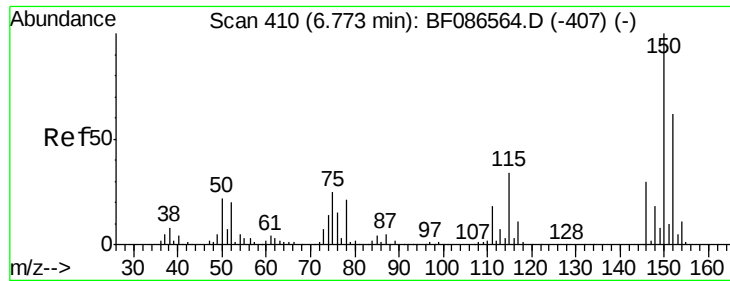
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16

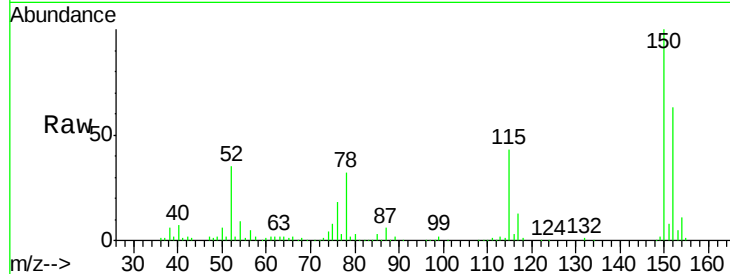
Tot Ion:152 Resp: 122430

Ion Ratio Lower Upper

152 100

150 159.1 125.8 188.6

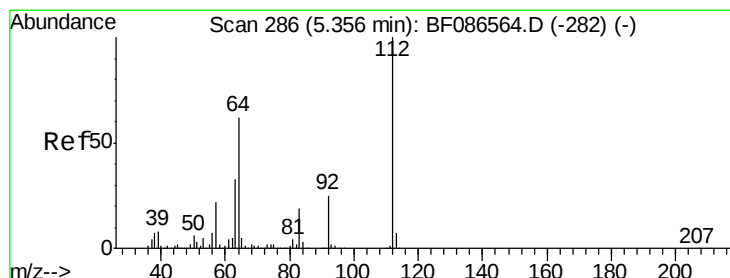
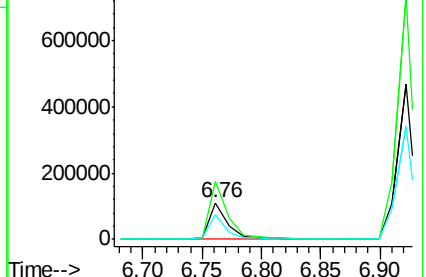
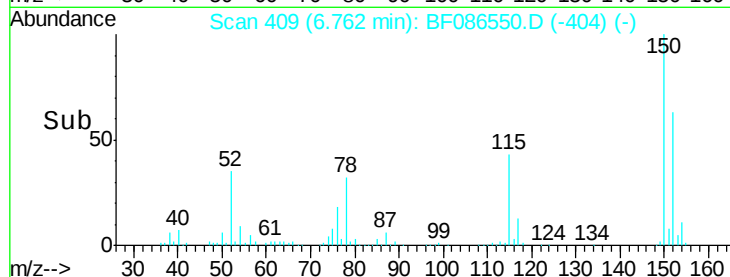
115 68.7 51.5 77.3



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: 57.55 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.04 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

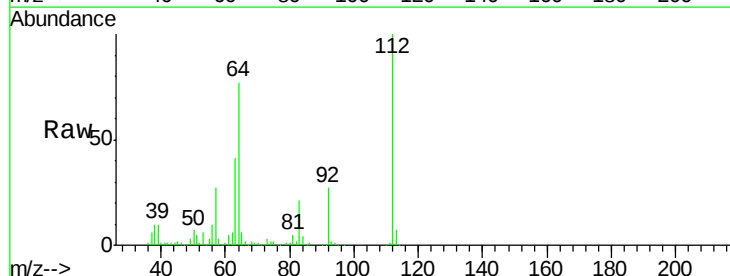
Tgt Ion:112 Resp: 408458

Ion Ratio Lower Upper

112 100

64 76.7 52.1 78.1

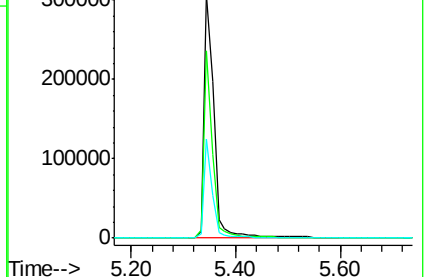
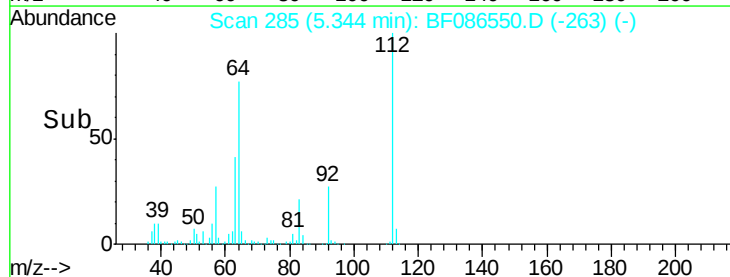
63 40.7 25.7 38.5#

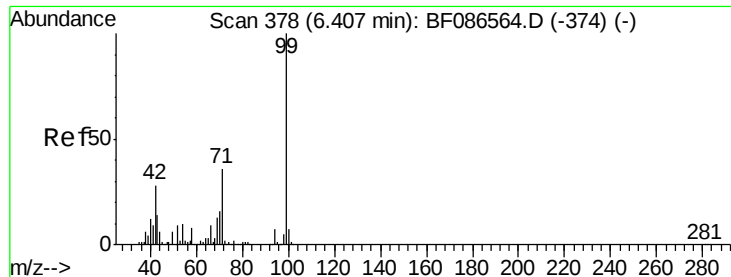


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.24 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16

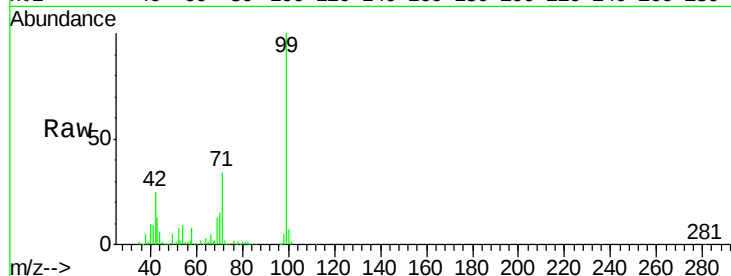
Tot Ion: 99 Resp: 368957

Ion Ratio Lower Upper

99 100

42 24.7 13.6 20.4#

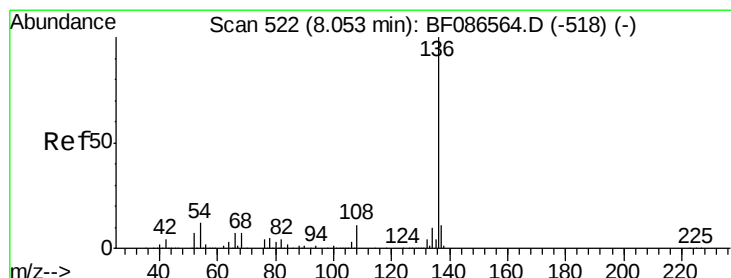
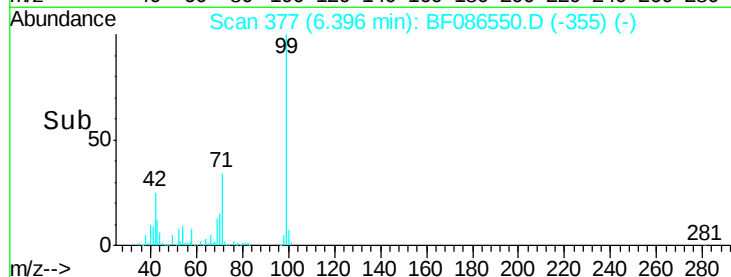
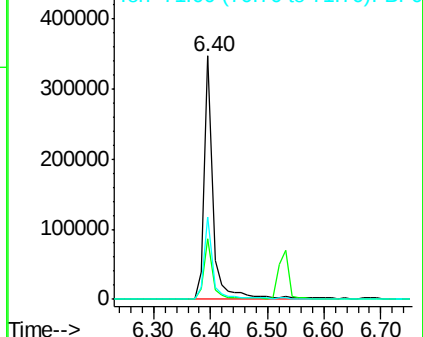
71 34.0 24.6 36.8



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: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

Tgt Ion: 136 Resp: 533443

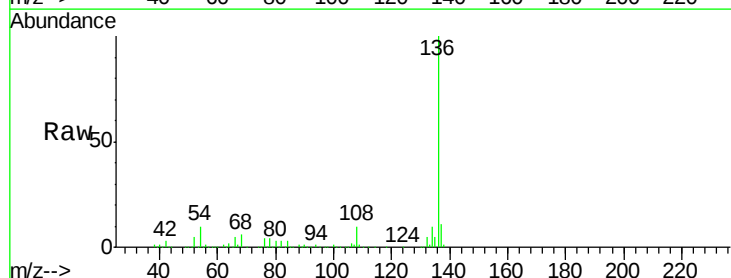
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.5 5.0 7.4#

68 5.8 4.4 6.6

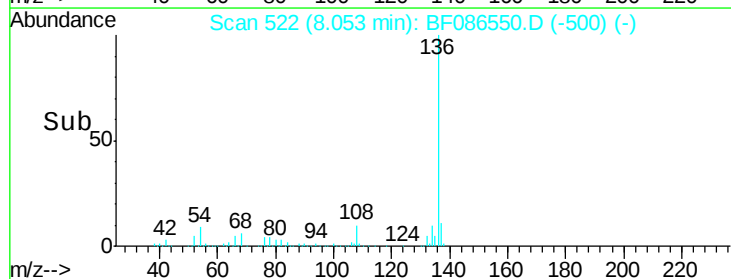
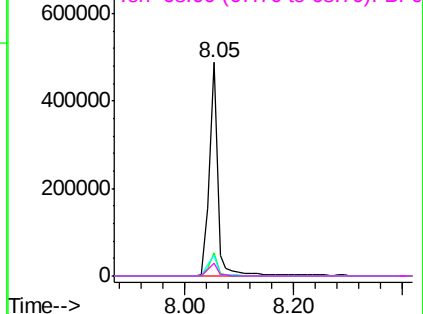


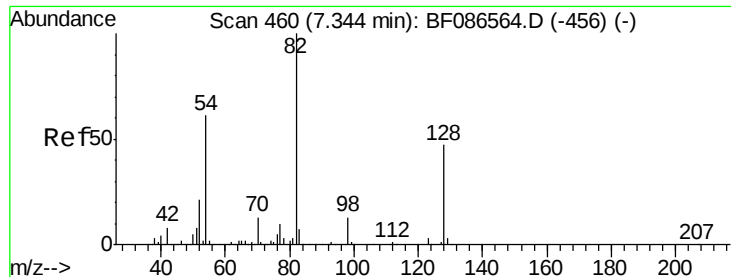
Abundance Ion 136.00 (135.70 to 136.70): E

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

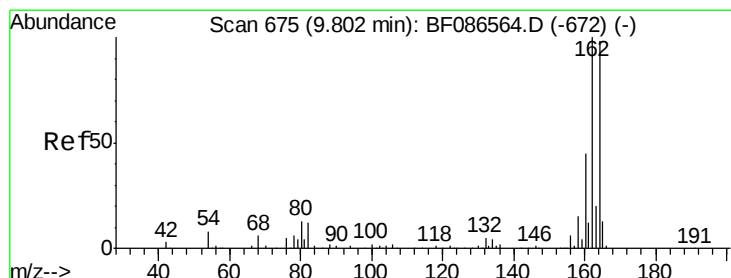
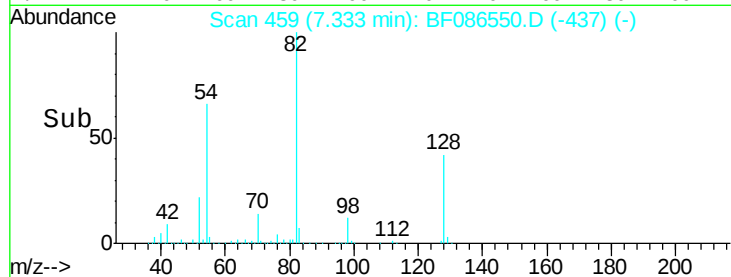
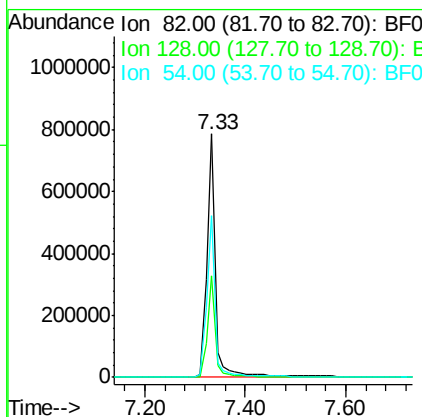
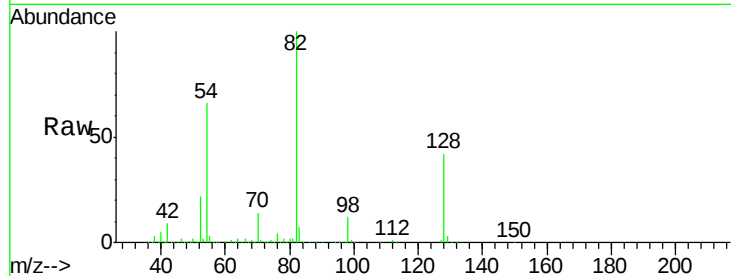




#23
 Nitrobenzene-d5
 Concen: 95.56 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086550.D
 Acq: 1 May 2016 4:45

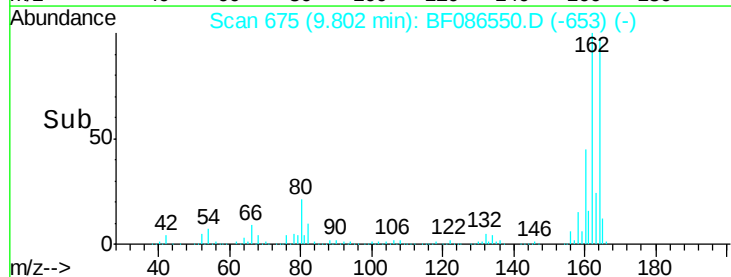
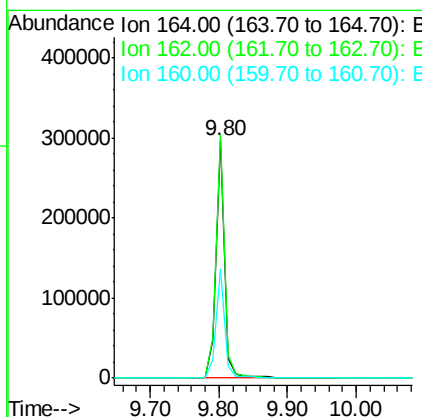
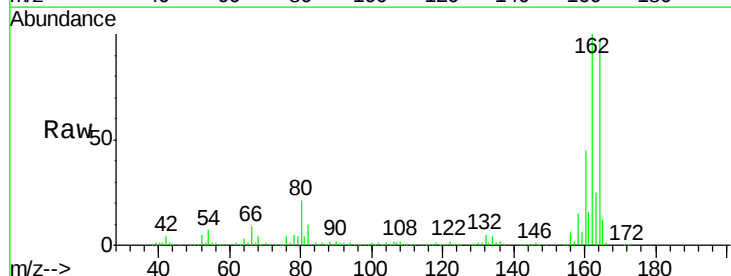
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16

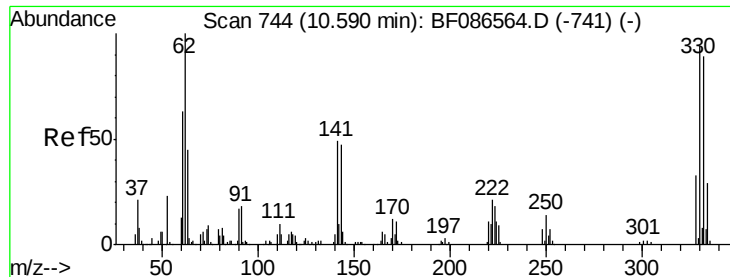
Tot Ion	82	Resp	945694
Ion Ratio	Lower	Upper	
82	100		
128	41.8	40.6	61.0
54	66.2	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086550.D
 Acq: 1 May 2016 4:45

Tgt Ion	164	Resp	266210
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.8	124.2
160	46.2	36.9	55.3

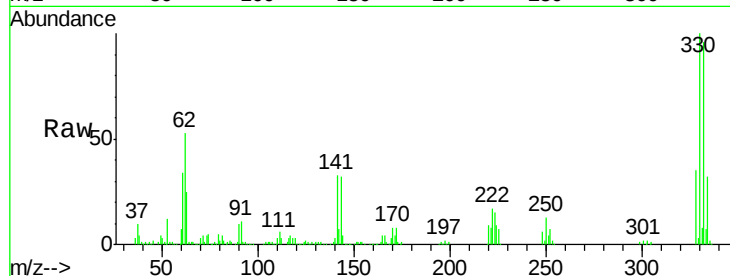




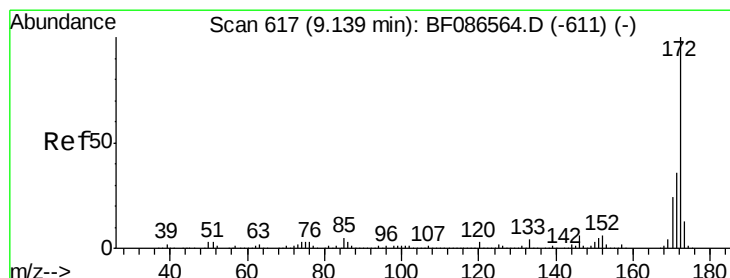
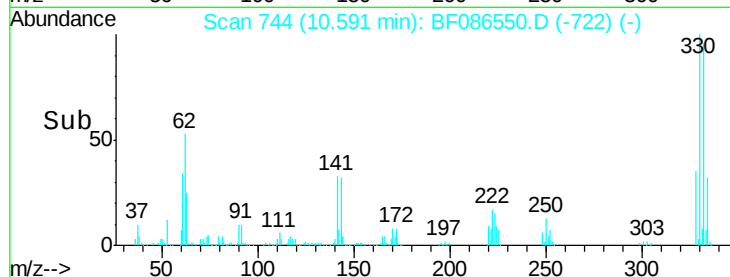
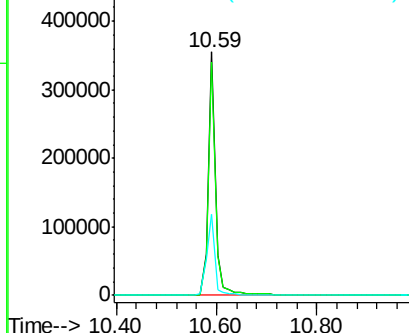
#41
 2,4,6-Tribromophenol
 Concen: 128.39 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086550.D
 Acq: 1 May 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	37.3	31.2	46.8

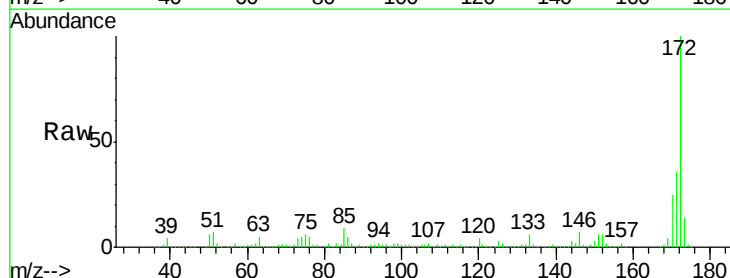


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

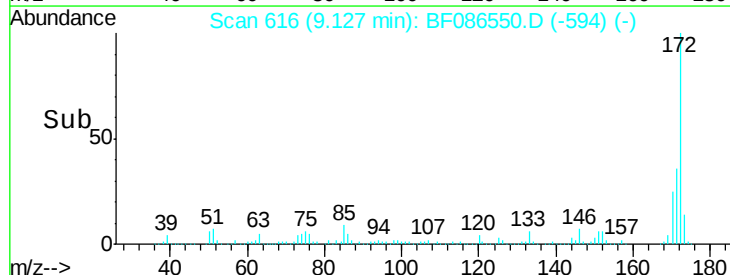
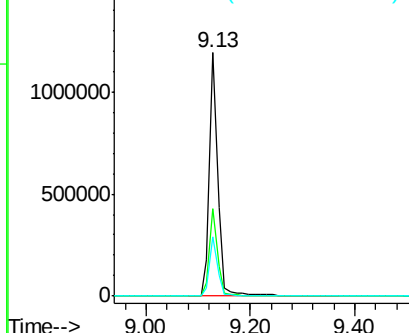


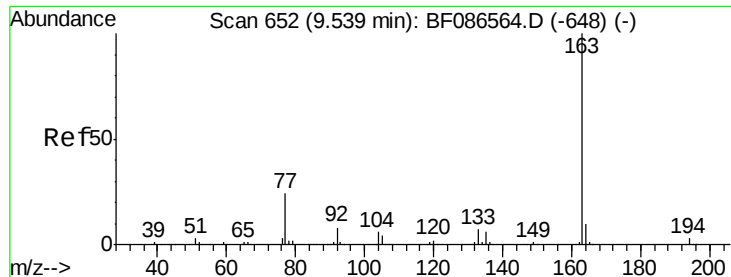
#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086550.D
 Acq: 1 May 2016 4:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.5	19.8	29.8



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

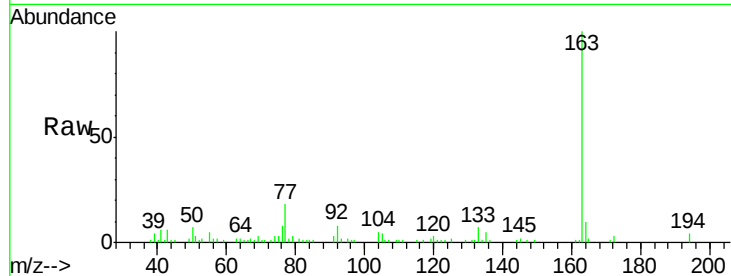




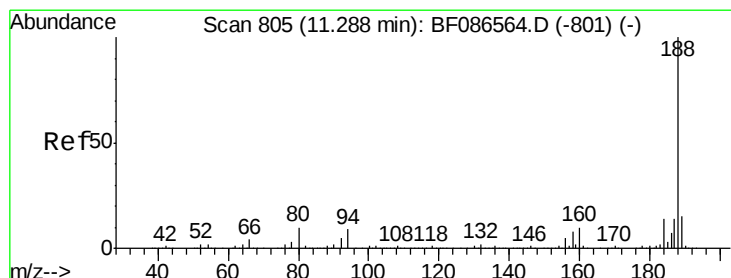
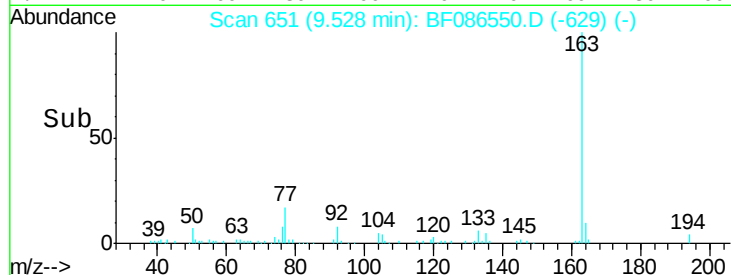
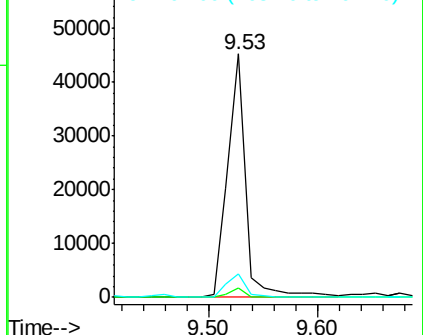
#49
Dimethylphthalate
Concen: 2.60 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

Tot Ion:163 Resp: 52068
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.5 8.2 12.4

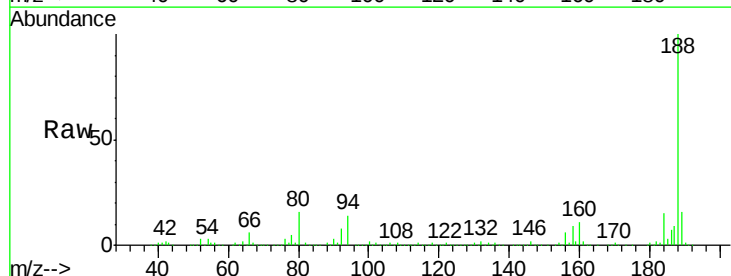


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

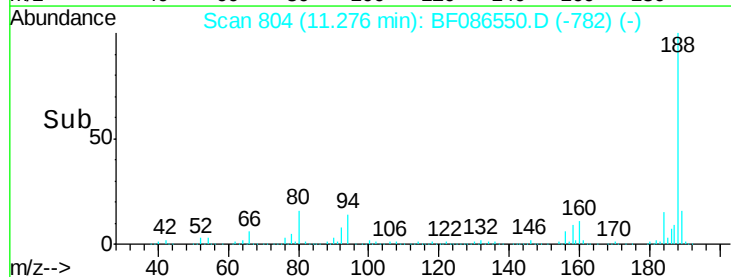
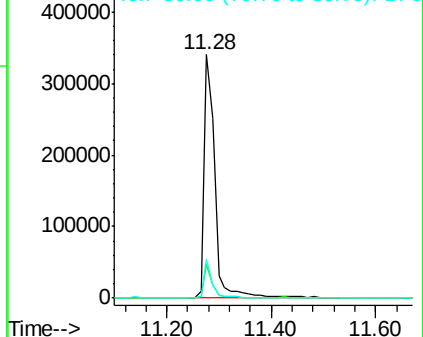


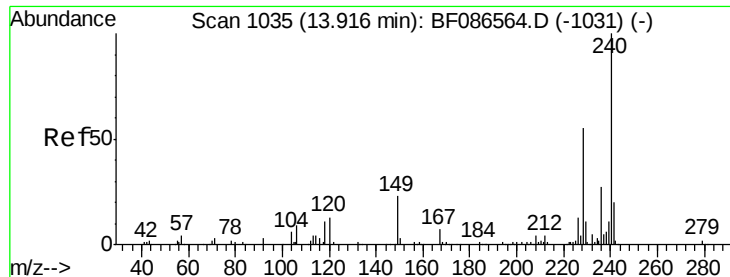
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion:188 Resp: 487979
Ion Ratio Lower Upper
188 100
94 13.9 6.8 10.2#
80 16.0 7.1 10.7#



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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16

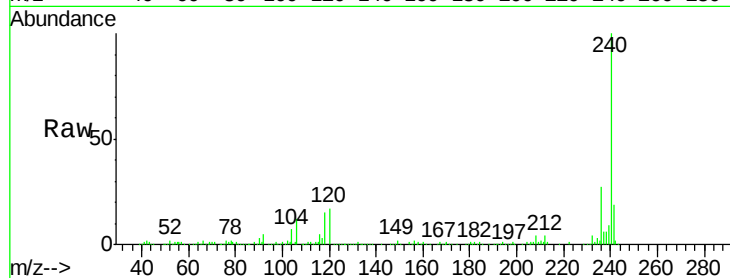
Tot Ion:240 Resp: 369311

Ion Ratio Lower Upper

240 100

120 17.4 11.2 16.8#

236 26.7 21.2 31.8

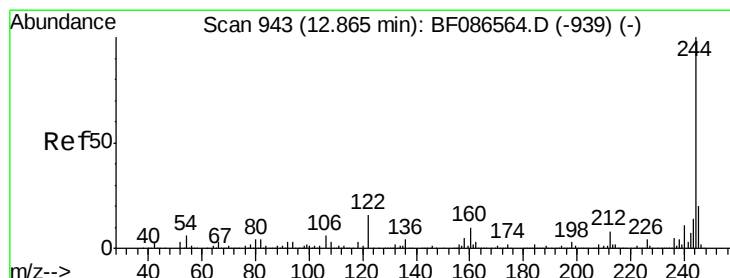
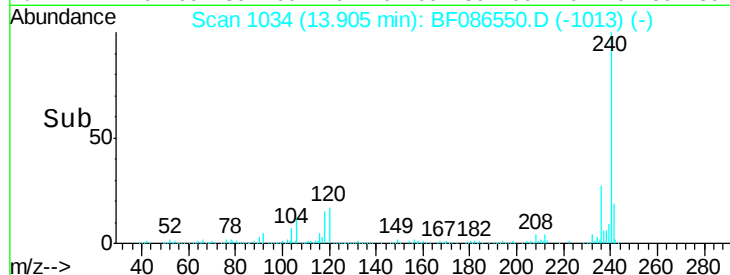
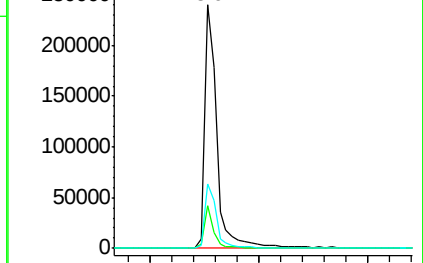


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.91



#78

Terphenyl-d14

Concen: 82.41 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

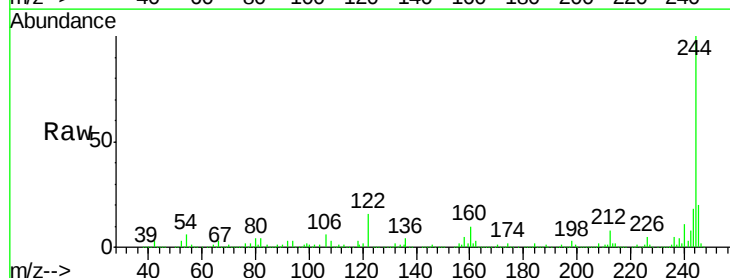
Tgt Ion:244 Resp: 1381435

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

122 15.9 12.0 18.0

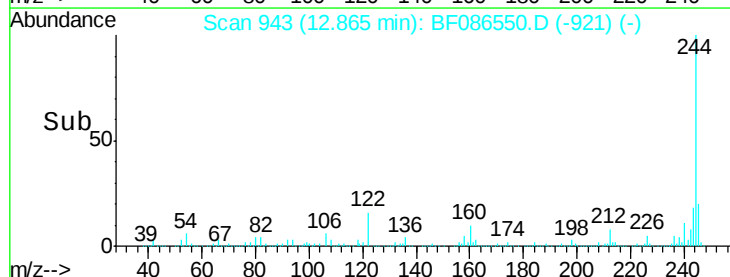
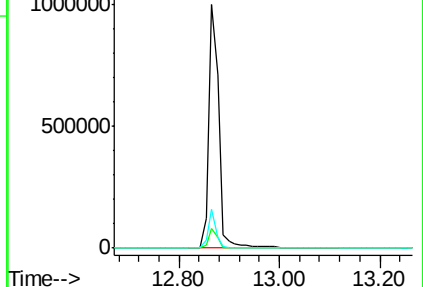


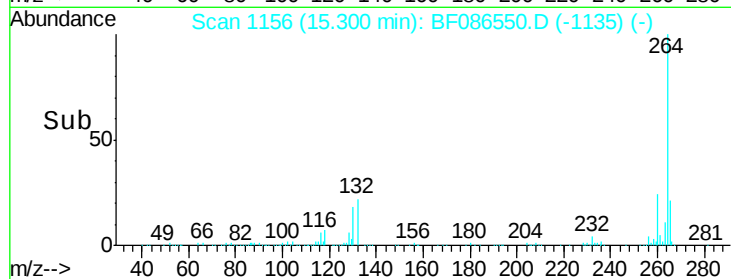
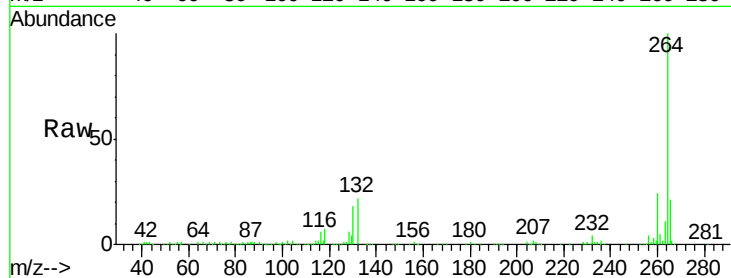
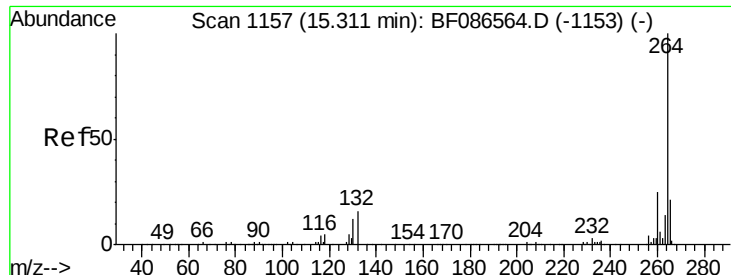
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.87





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.06 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16

Tot Ion: 264 Resp: 285831

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.4 17.3 25.9

