

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086225.D
 Acq On : 15 Apr 2016 19:19
 Operator : UM/SJ
 Sample : H2532-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-041316

Quant Time: Apr 16 01:07:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

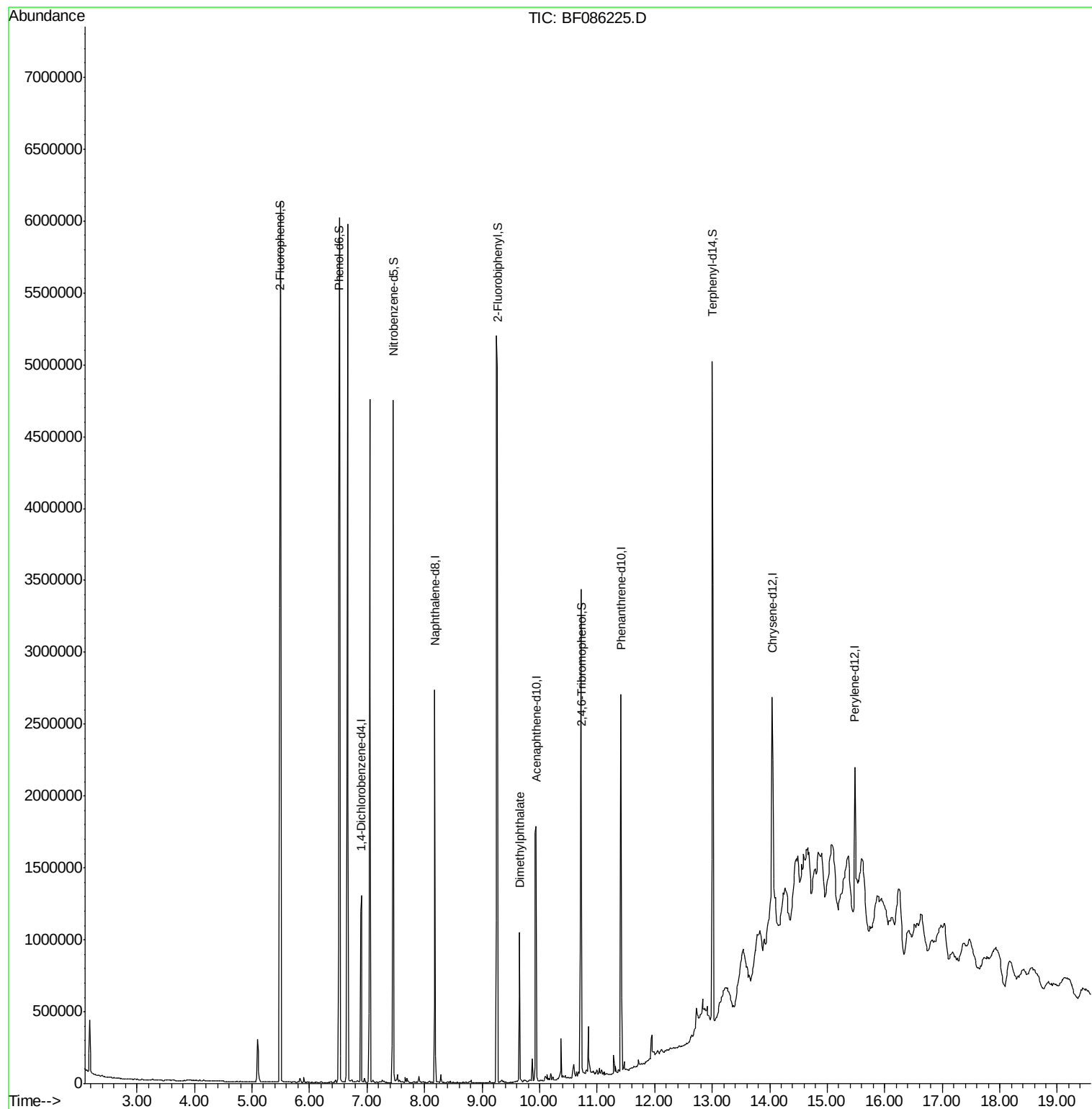
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	285972	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1157138	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	517175	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	875746	20.00	ng	0.00
75) Chrysene-d12	14.04	240	598617	20.00	ng	-0.01
86) Perylene-d12	15.48	264	459085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1932989	110.75	ng	0.01
7) Phenol-d6	6.52	99	2549963	116.80	ng	0.00
23) Nitrobenzene-d5	7.46	82	1773510	88.40	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	531690	128.03	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2558747	91.30	ng	0.00
78) Terphenyl-d14	13.00	244	1996091	83.85	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	534720	14.22	ng	98

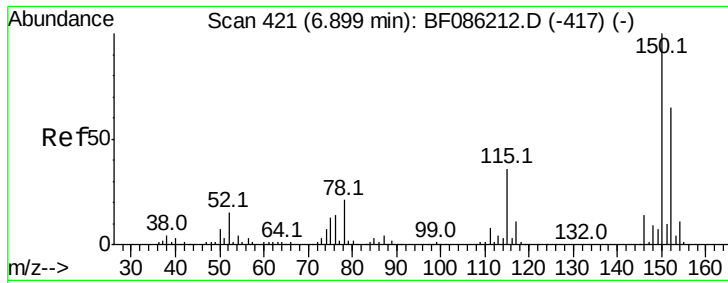
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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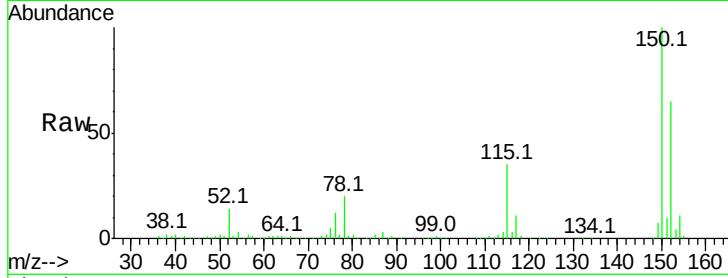


#1

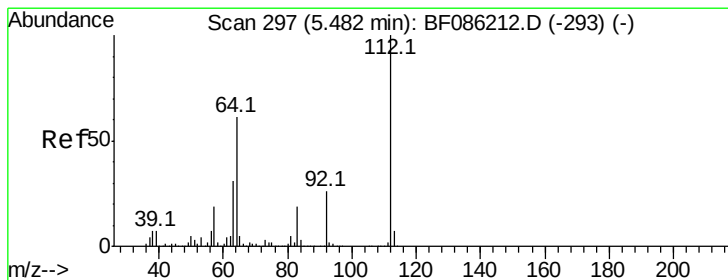
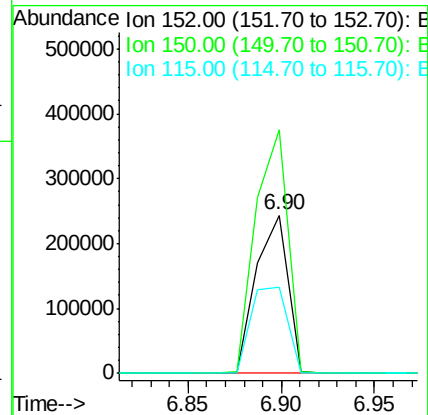
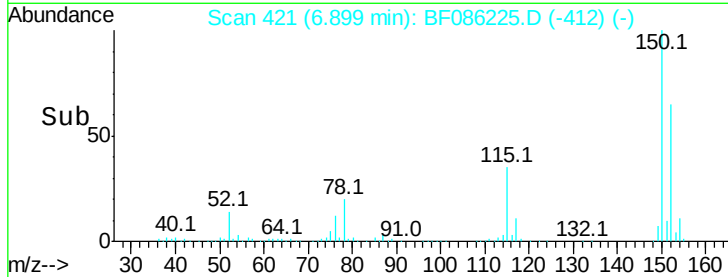
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

Instrument :
BNA_F
ClientSampleId :
WC-041316

Tot Ion:152 Resp: 285972
Ion Ratio Lower Upper
152 100
150 154.0 124.1 186.1
115 54.6 43.9 65.9



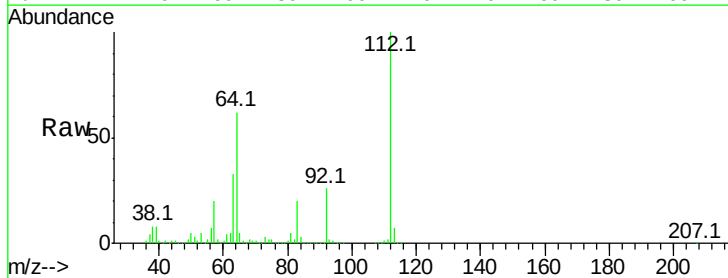
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



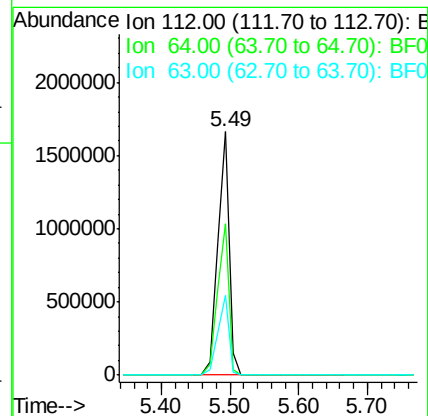
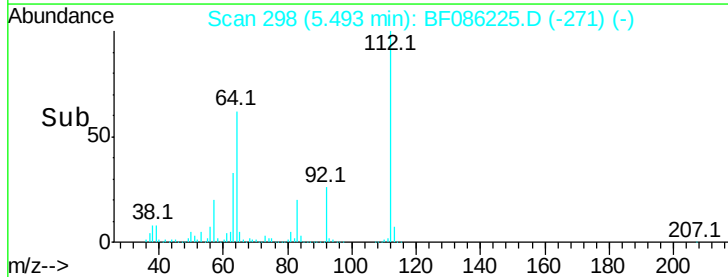
#5

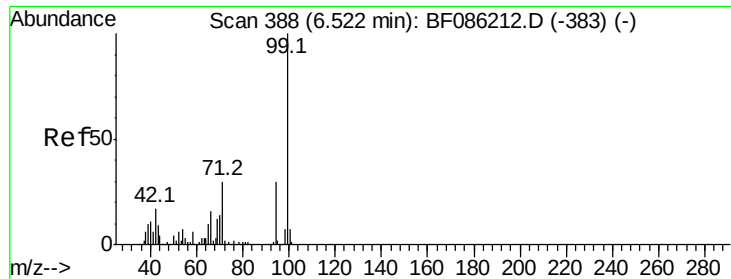
2-Fluorophenol
Concen: 110.75 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

Tgt Ion:112 Resp: 1932989
Ion Ratio Lower Upper
112 100
64 62.3 48.1 72.1
63 32.5 25.5 38.3



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: 116.80 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

Instrument :

BNA_F

ClientSampleId :

WC-041316

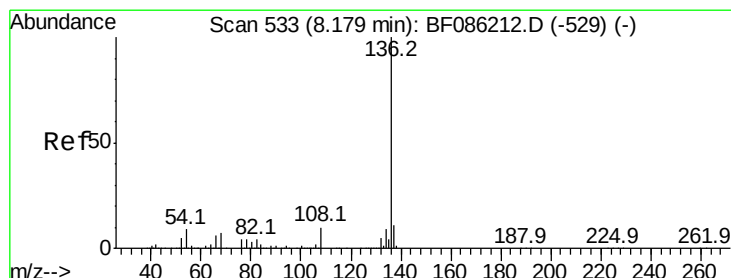
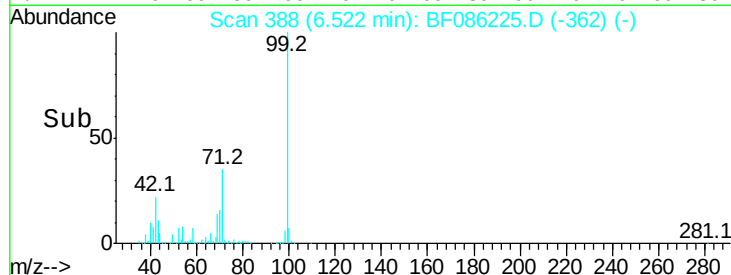
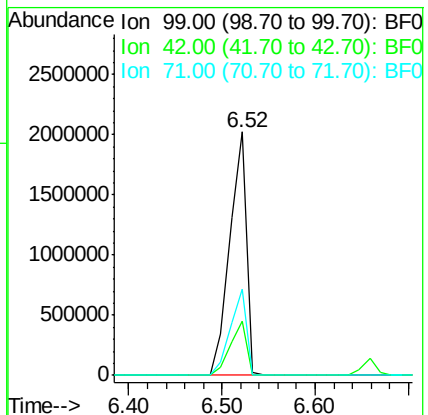
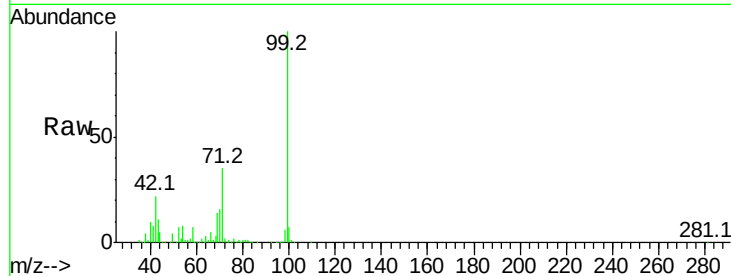
Tot Ion: 99 Resp: 2549963

Ion Ratio Lower Upper

99 100

42 22.4 15.4 23.2

71 35.1 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

Tgt Ion: 136 Resp: 1157138

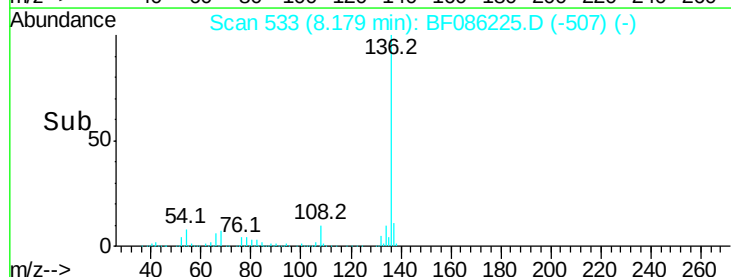
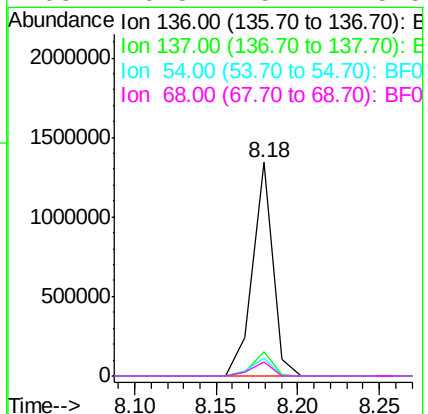
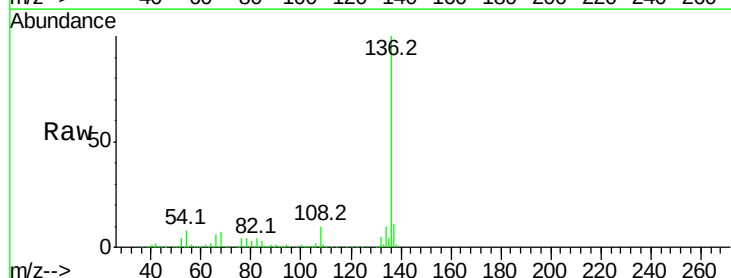
Ion Ratio Lower Upper

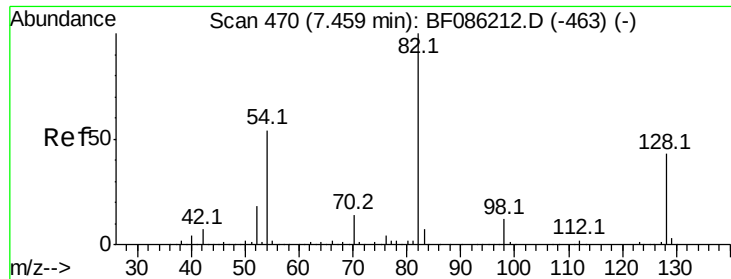
136 100

137 11.2 9.1 13.7

54 8.4 7.3 10.9

68 6.8 5.7 8.5

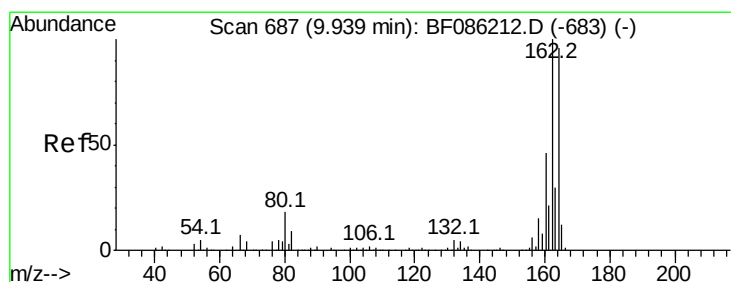
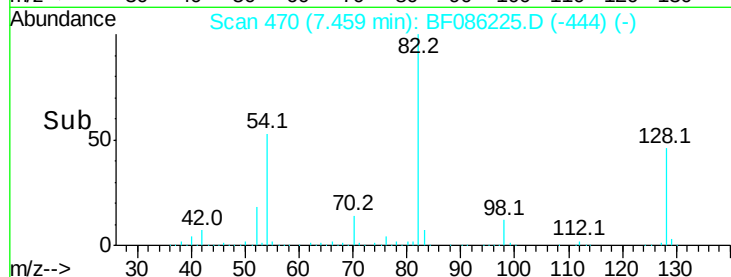
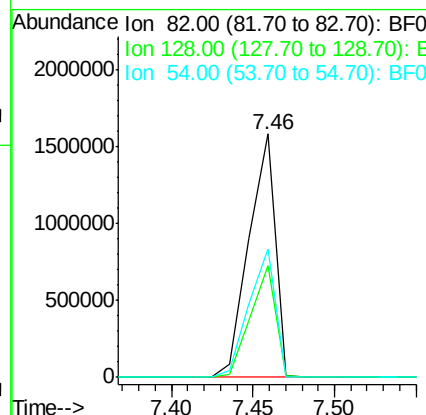
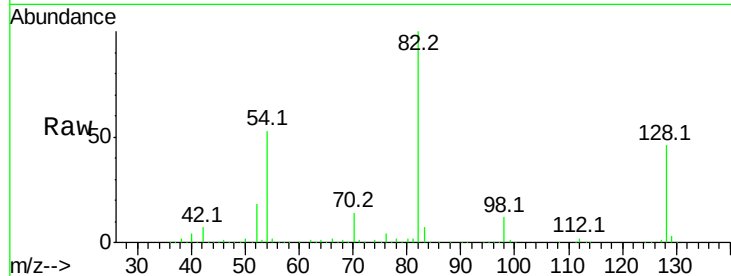




#23
Nitrobenzene-d5
Concen: 88.40 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

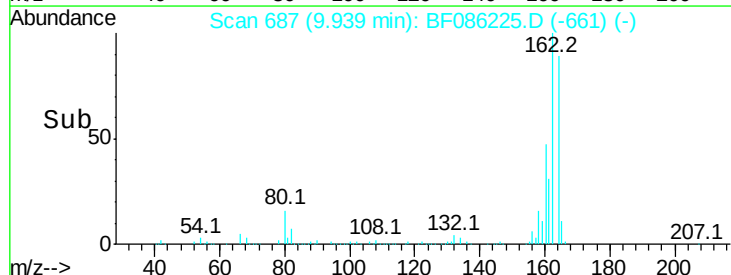
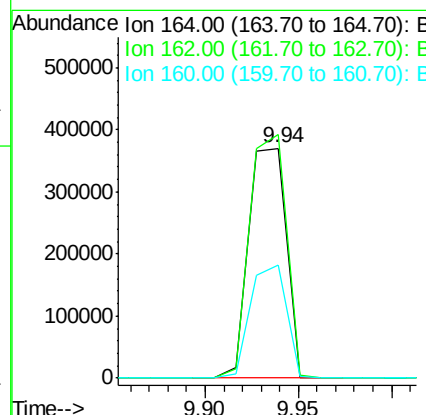
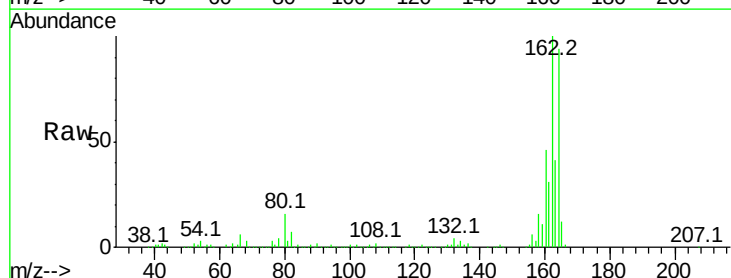
Instrument :
BNA_F
ClientSampleId :
WC-041316

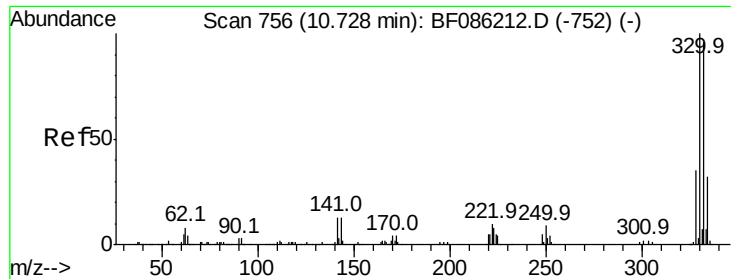
Tot Ion: 82 Resp: 1773510
Ion Ratio Lower Upper
82 100
128 45.8 35.4 53.2
54 52.8 43.4 65.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

Tgt Ion:164 Resp: 517175
Ion Ratio Lower Upper
164 100
162 106.1 82.8 124.2
160 49.1 38.9 58.3





#41

2,4,6-Tribromophenol

Concen: 128.03 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

Instrument :

BNA_F

ClientSampleId :

WC-041316

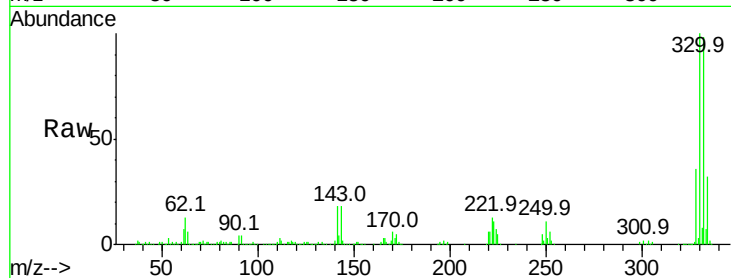
Tot Ion:330 Resp: 531690

Ion Ratio Lower Upper

330 100

332 96.5 78.7 118.1

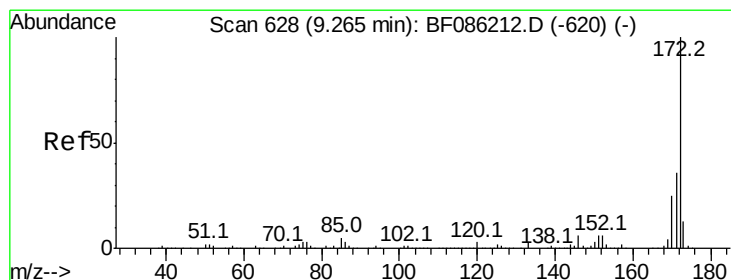
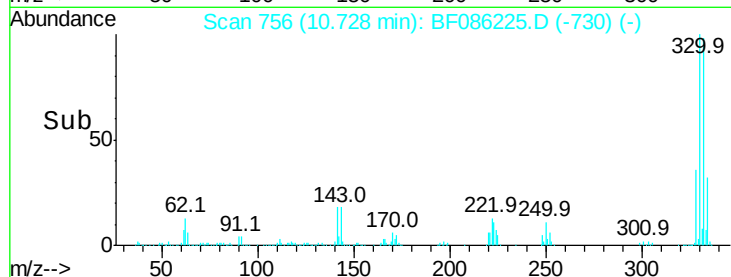
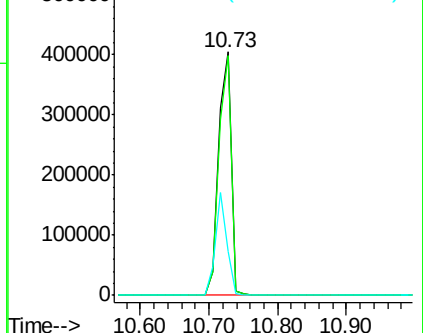
141 38.9 28.6 42.8



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: 91.30 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

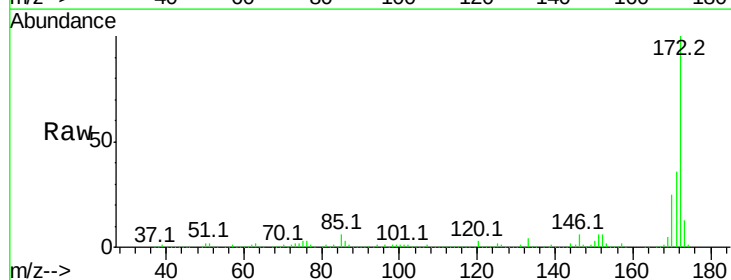
Tgt Ion:172 Resp: 2558747

Ion Ratio Lower Upper

172 100

171 36.4 29.1 43.7

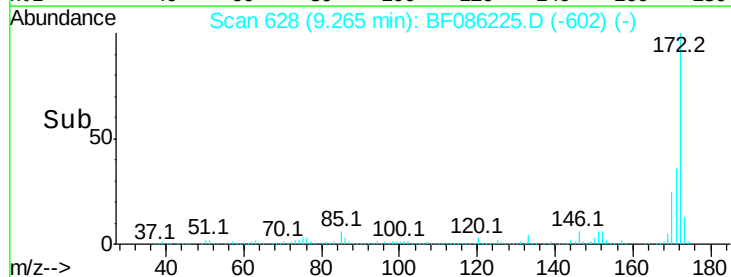
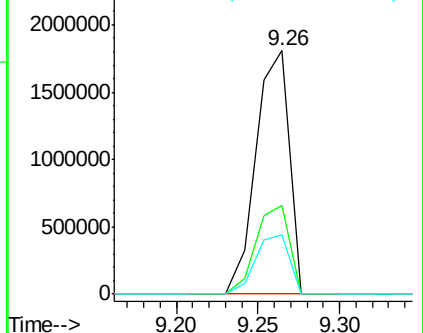
170 24.5 19.9 29.9

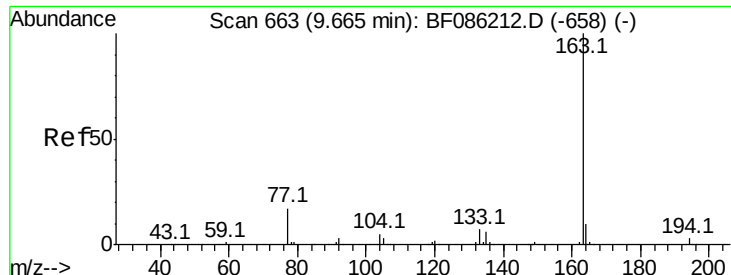


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.22 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

Instrument :

BNA_F

ClientSampleId :

WC-041316

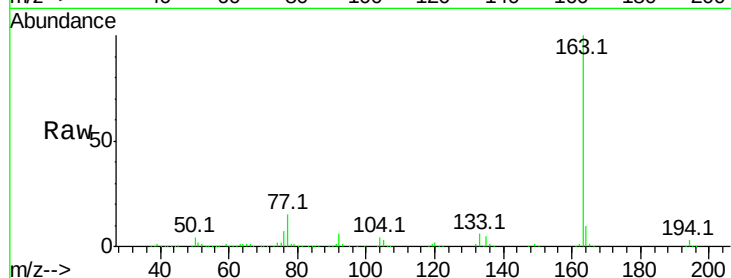
Tot Ion:163 Resp: 534720

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

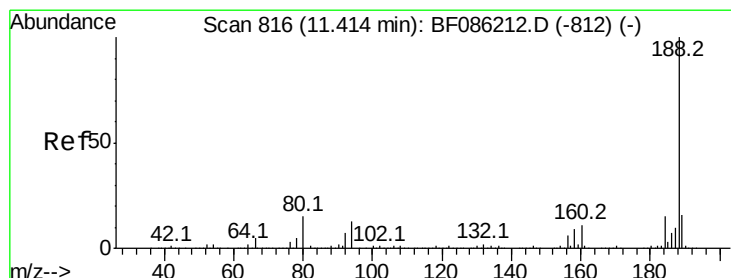
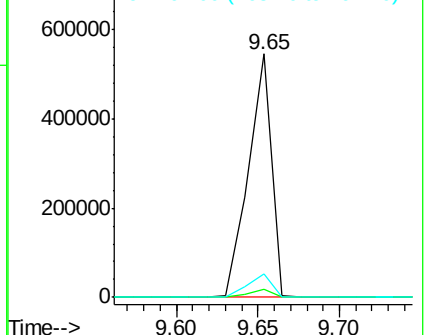
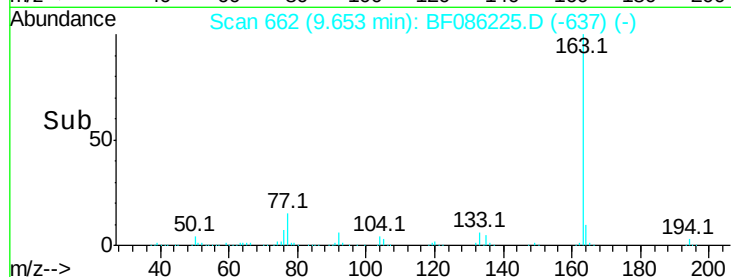
164 9.8 8.4 12.6



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: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

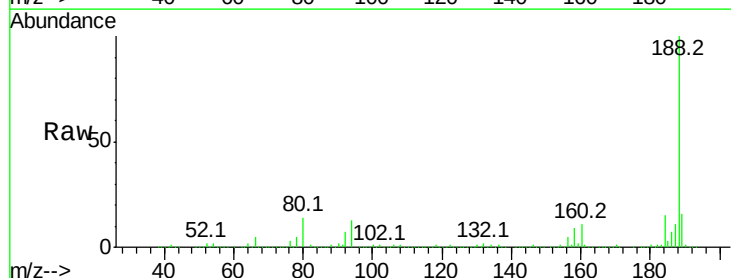
Tgt Ion:188 Resp: 875746

Ion Ratio Lower Upper

188 100

94 13.3 9.8 14.8

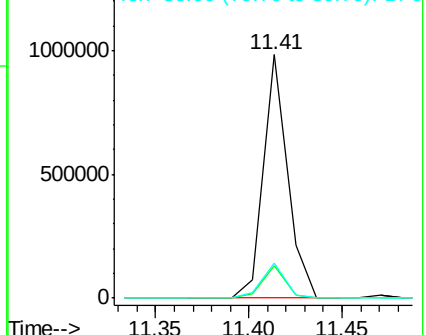
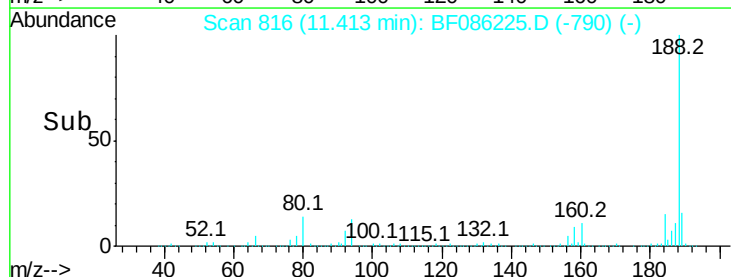
80 14.2 10.5 15.7

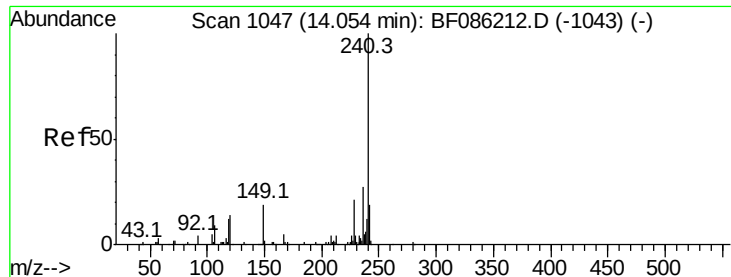


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

Instrument :

BNA_F

ClientSampleId :

WC-041316

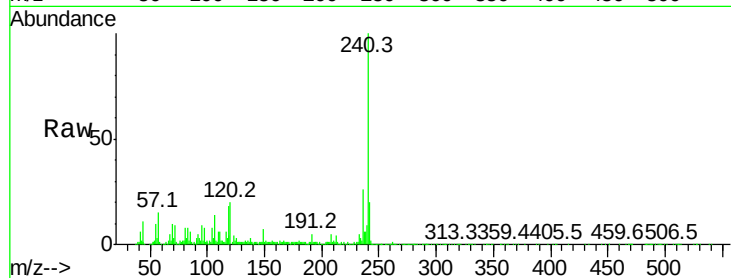
Tot Ion:240 Resp: 598617

Ion Ratio Lower Upper

240 100

120 20.4 9.3 13.9#

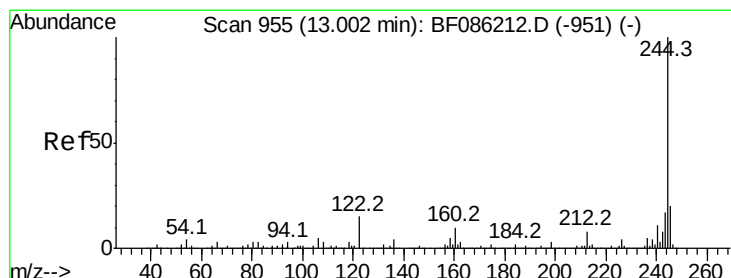
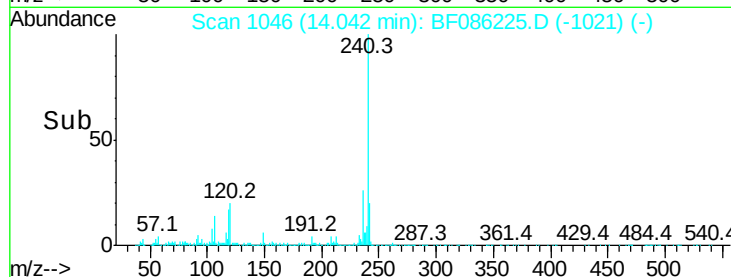
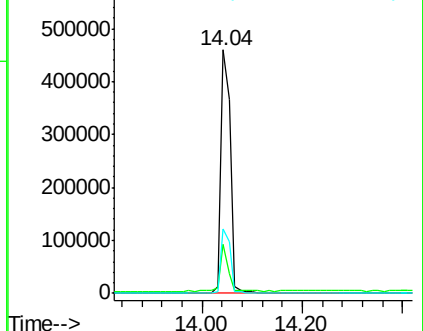
236 26.4 21.1 31.7



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: 83.85 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

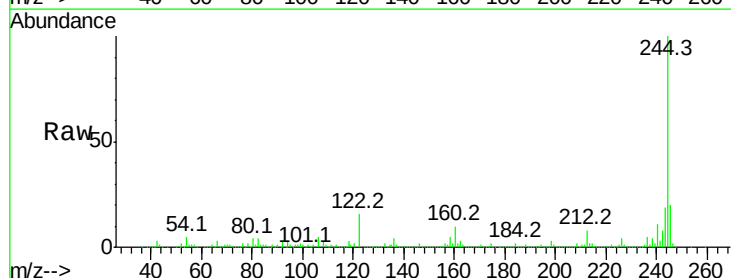
Tgt Ion:244 Resp: 1996091

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

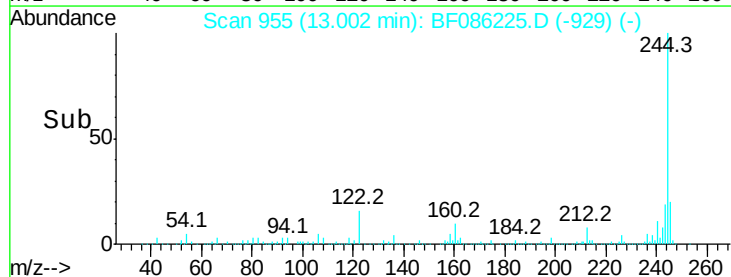
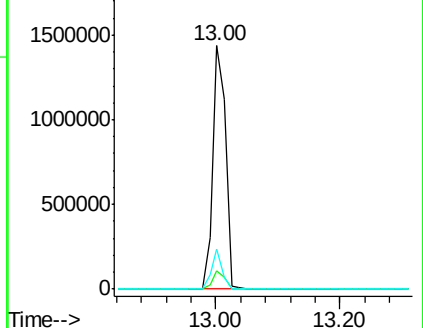
122 16.5 11.7 17.5

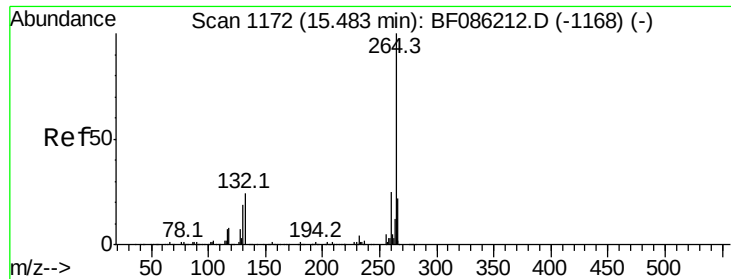


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

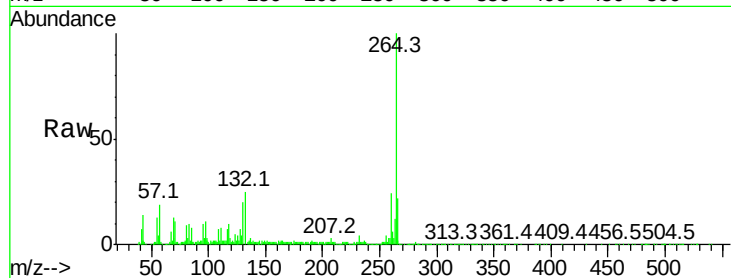




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

Instrument :
BNA_F
ClientSampleId :
WC-041316

Tot Ion:	264	Resp:	459085
Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.0	30.0
265	21.6	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

