

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088364.D
 Acq On : 25 Jun 2016 7:44
 Operator : UM/SJ
 Sample : H3694-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-54-062016

Quant Time: Jun 27 02:15:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

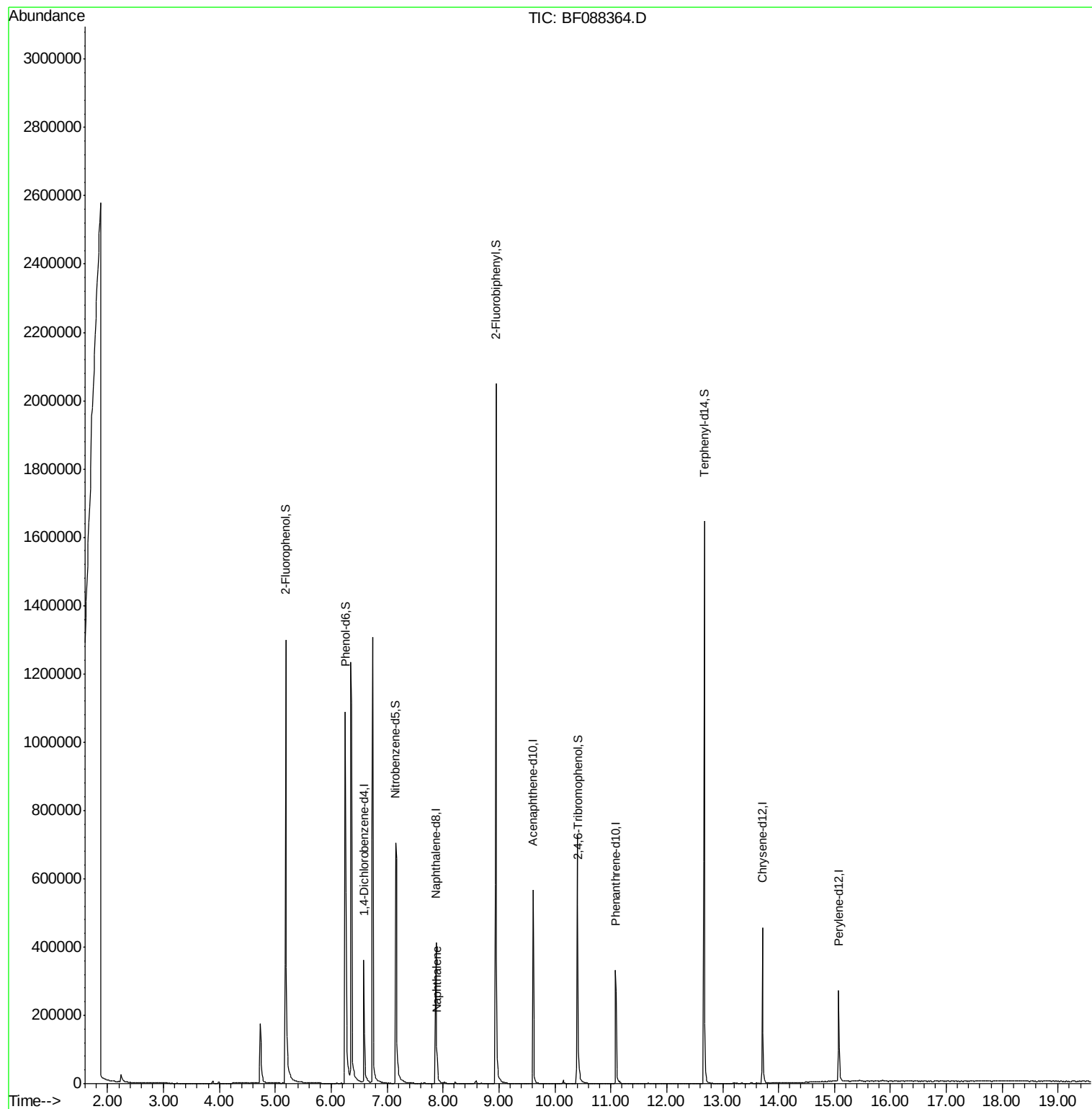
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	79880	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	304753	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	129568	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	204442	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	176228	20.00	ng	-0.03
86) Perylene-d12	15.07	264	129321	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	534667	114.43	ng	0.01
7) Phenol-d6	6.25	99	613316	108.31	ng	-0.01
23) Nitrobenzene-d5	7.15	82	433838	83.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	140676	102.83	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	778447	95.04	ng	-0.02
78) Terphenyl-d14	12.67	244	591940	76.43	ng	-0.02
Target Compounds						
31) Naphthalene	7.90	128	47753	3.17	ng	Qvalue 99

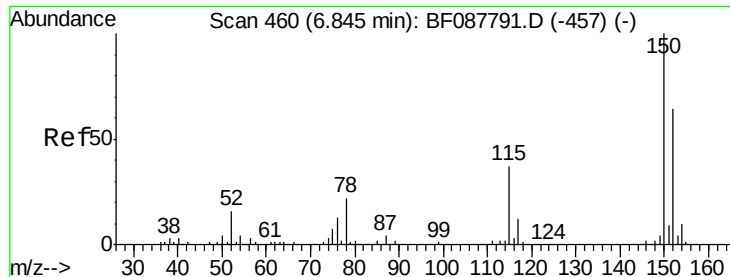
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF088364.D

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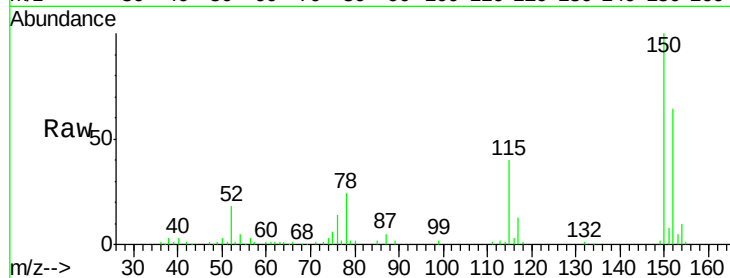
Tgt Ion:152 Resp: 79880

Ion Ratio Lower Upper

152 100

150 156.2 123.8 185.6

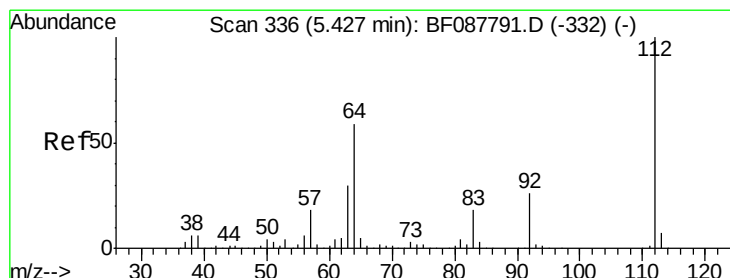
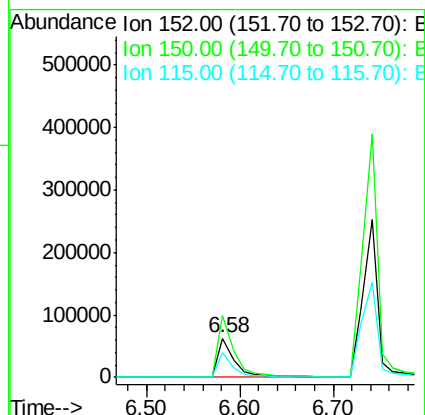
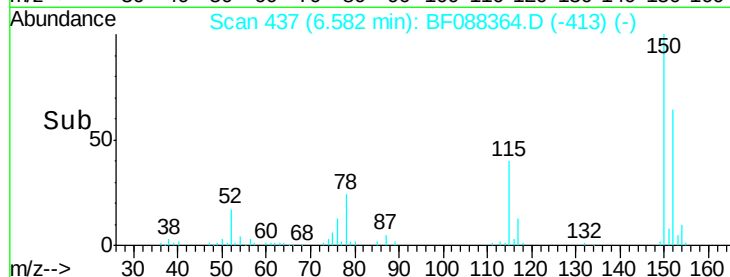
115 62.9 39.6 59.4#



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: 114.43 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF088364.D

Acq: 25 Jun 2016 7:44

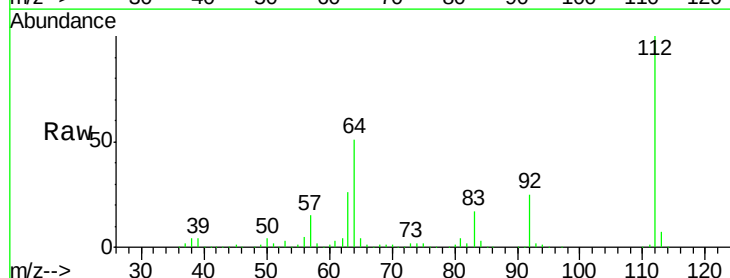
Tgt Ion:112 Resp: 534667

Ion Ratio Lower Upper

112 100

64 51.2 42.2 63.2

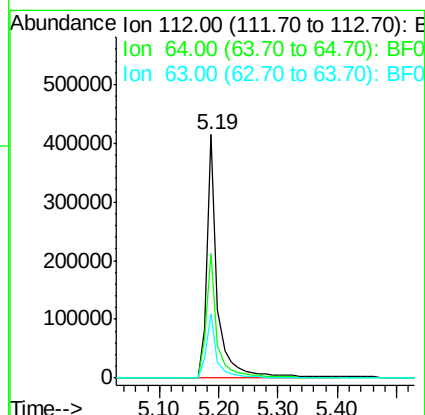
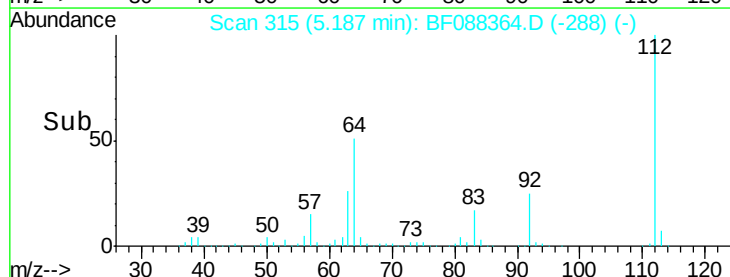
63 26.2 21.8 32.8

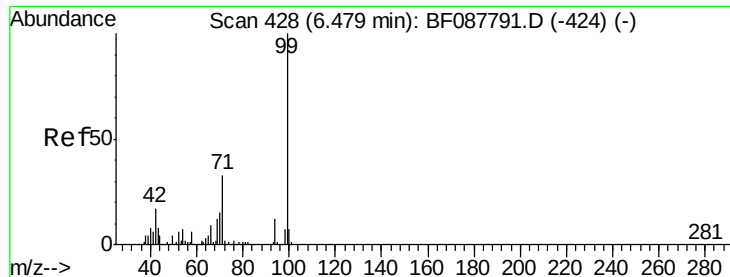


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.31 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088364.D

Acq: 25 Jun 2016 7:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-54-062016

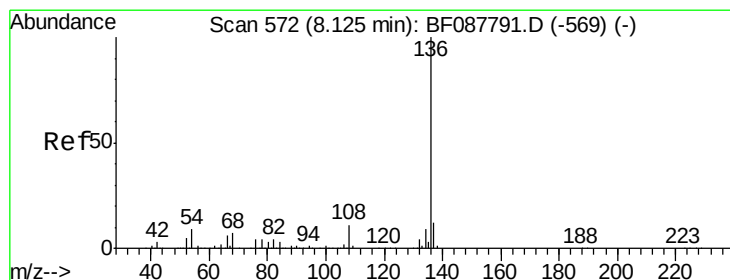
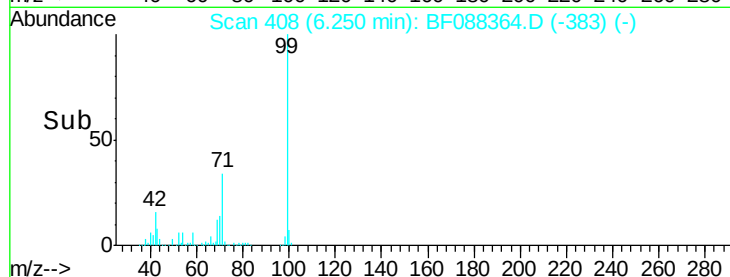
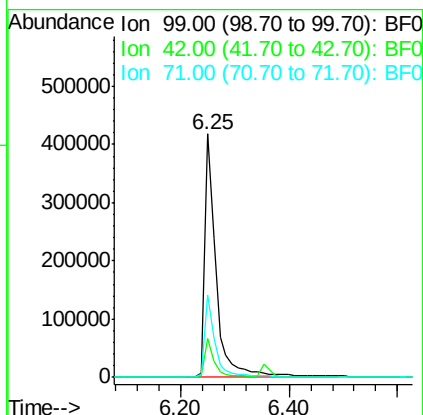
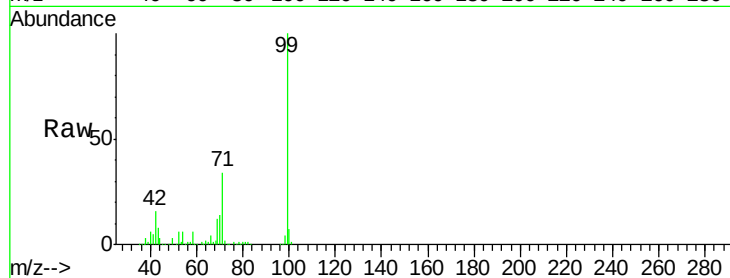
Tgt Ion: 99 Resp: 613316

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

71 33.7 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF088364.D

Acq: 25 Jun 2016 7:44

Tgt Ion: 136 Resp: 304753

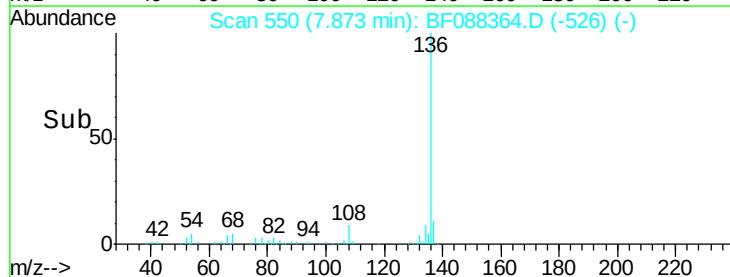
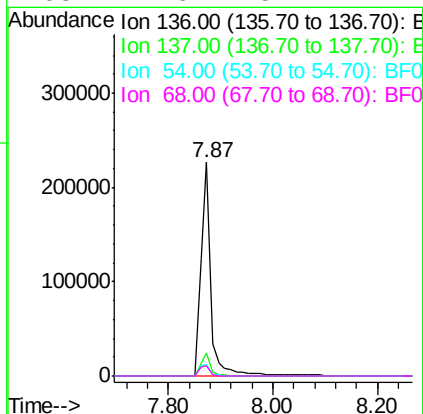
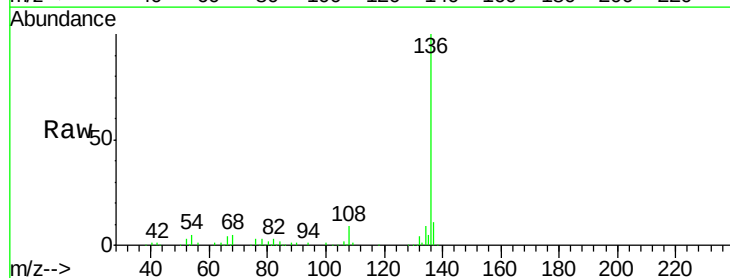
Ion Ratio Lower Upper

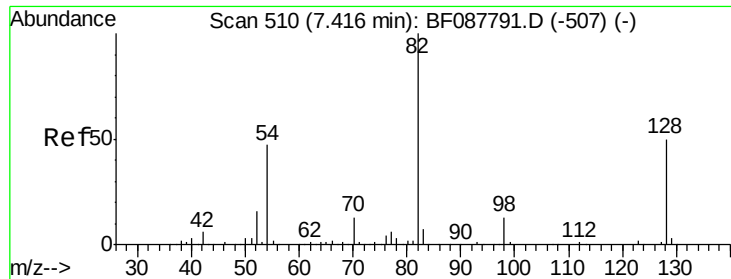
136 100

137 10.7 9.1 13.7

54 5.4 6.6 10.0#

68 4.6 5.1 7.7#

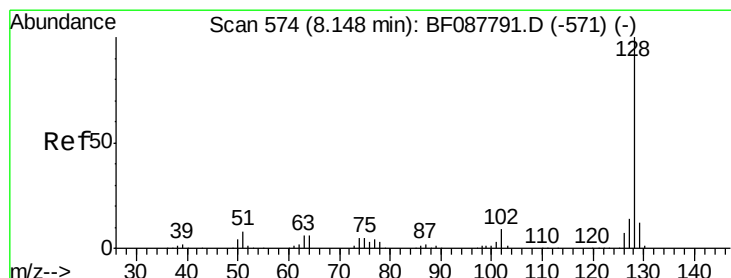
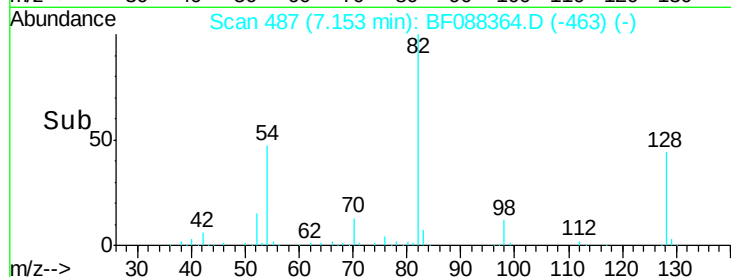
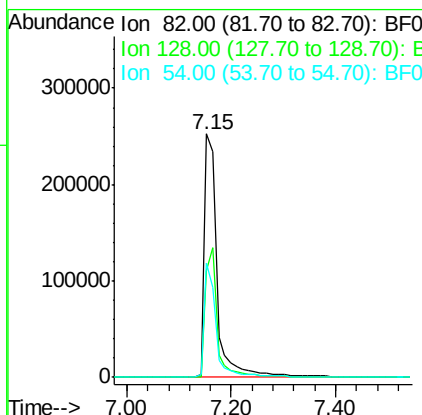
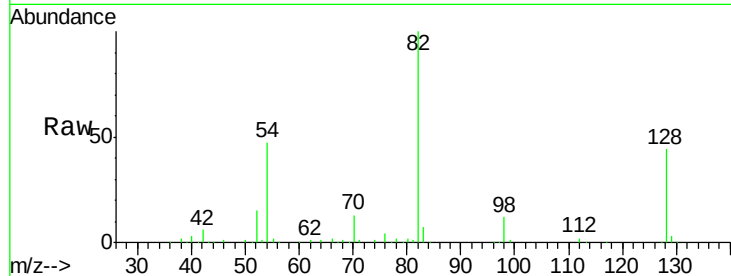




#23
 Nitrobenzene-d5
 Concen: 83.13 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF088364.D
 Acq: 25 Jun 2016 7:44

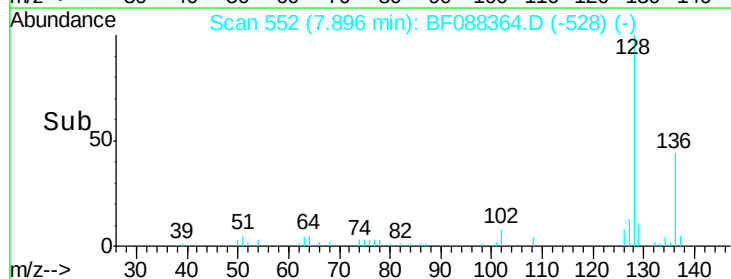
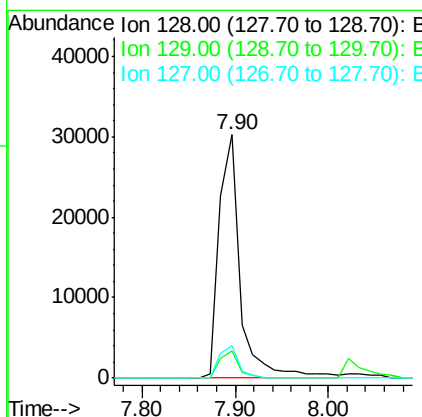
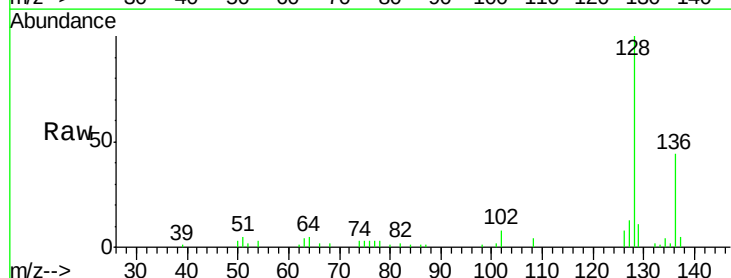
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-54-062016

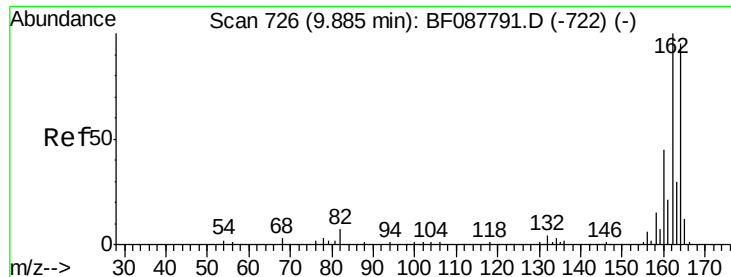
Tgt Ion: 82 Resp: 433838
 Ion Ratio Lower Upper
 82 100
 128 43.6 35.9 53.9
 54 47.0 40.9 61.3



#31
 Naphthalene
 Concen: 3.17 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF088364.D
 Acq: 25 Jun 2016 7:44

Tgt Ion: 128 Resp: 47753
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.4 14.2
 127 13.4 10.9 16.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF088364.D

Acq: 25 Jun 2016 7:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-54-062016

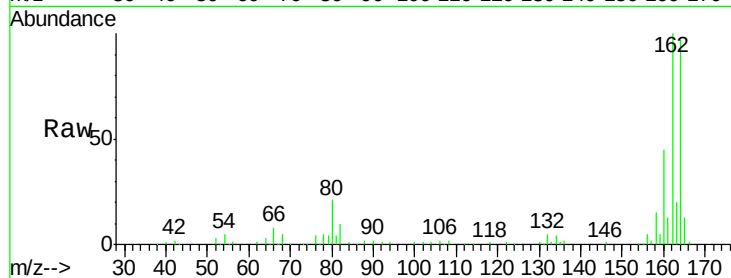
Tgt Ion:164 Resp: 129568

Ion Ratio Lower Upper

164 100

162 103.2 85.4 128.2

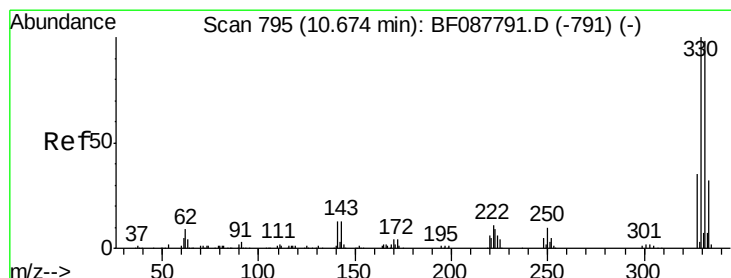
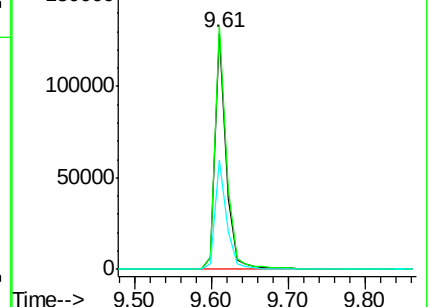
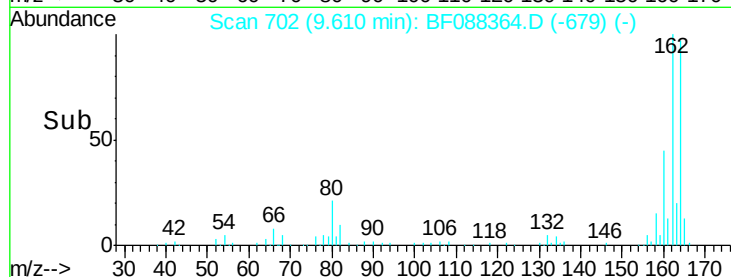
160 46.4 39.5 59.3



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: 102.83 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF088364.D

Acq: 25 Jun 2016 7:44

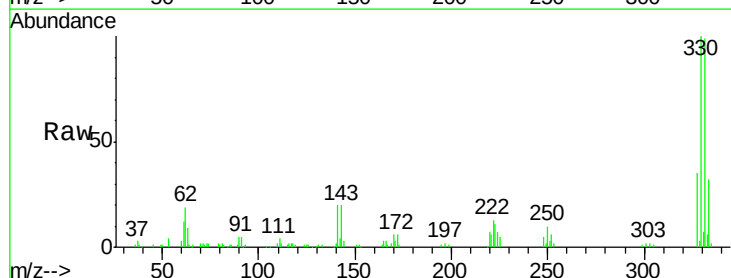
Tgt Ion:330 Resp: 140676

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

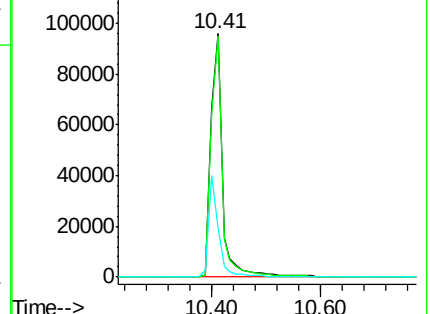
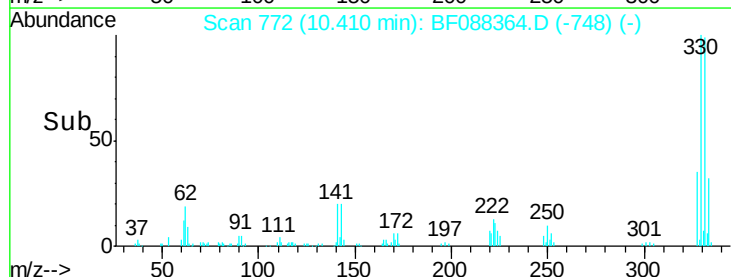
141 36.0 0.0 0.0#

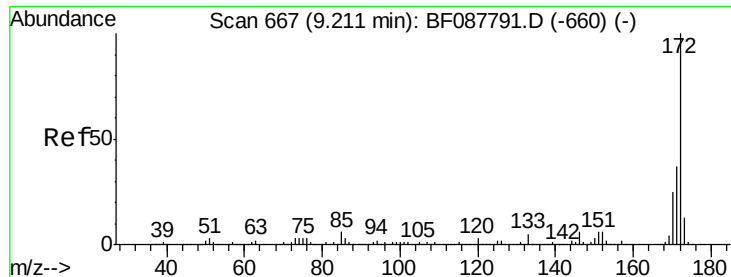


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

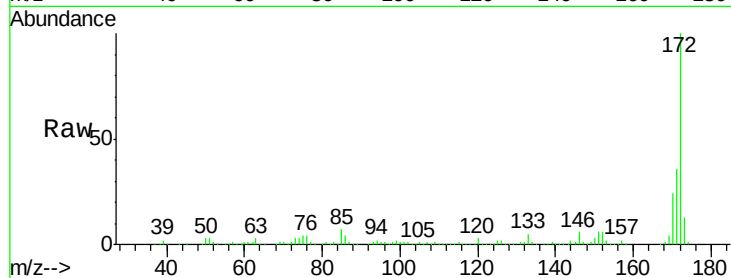




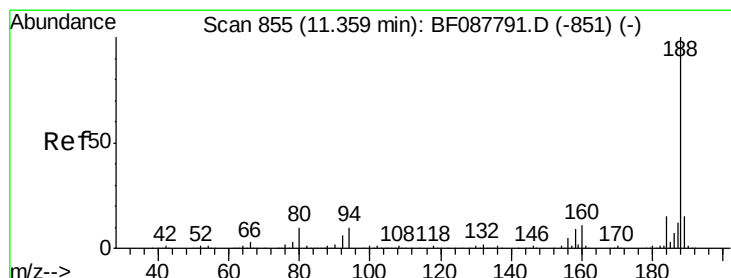
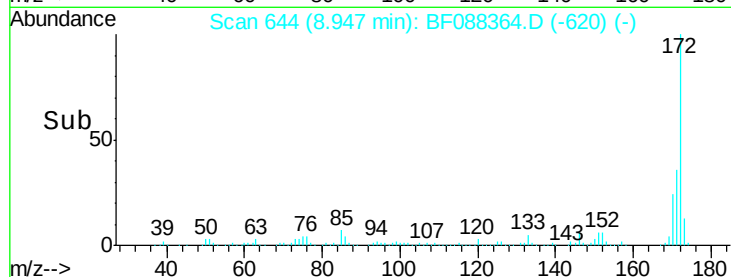
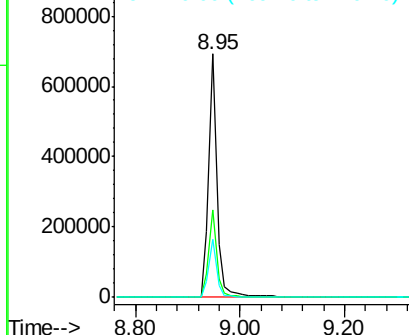
#44
 2-Fluorobiphenyl
 Concen: 95.04 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088364.D
 Acq: 25 Jun 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-54-062016

Tgt Ion:172 Resp: 778447
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.0 19.2 28.8

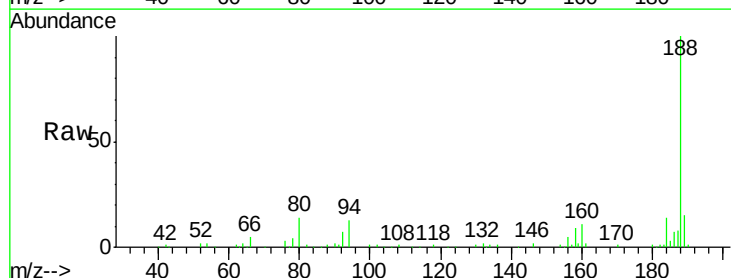


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

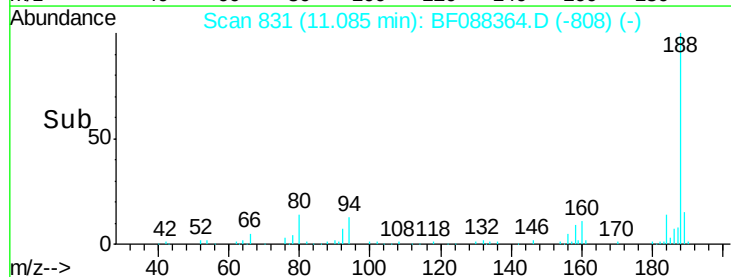
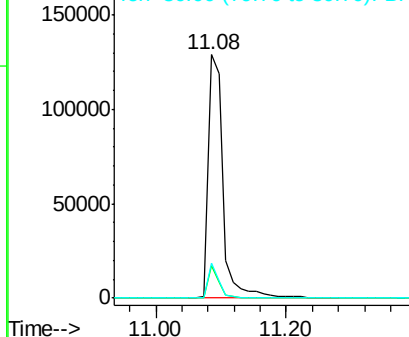


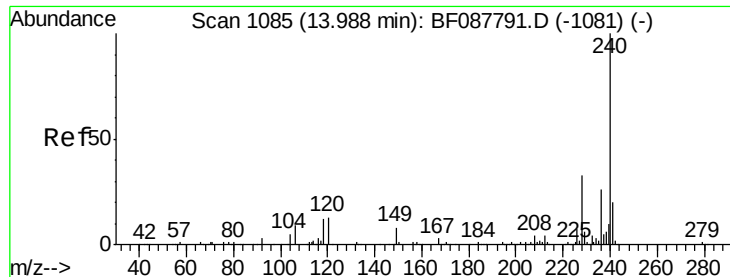
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF088364.D
 Acq: 25 Jun 2016 7:44

Tgt Ion:188 Resp: 204442
 Ion Ratio Lower Upper
 188 100
 94 13.4 9.0 13.6
 80 14.3 10.0 15.0



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: 13.71 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF088364.D

Acq: 25 Jun 2016 7:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-54-062016

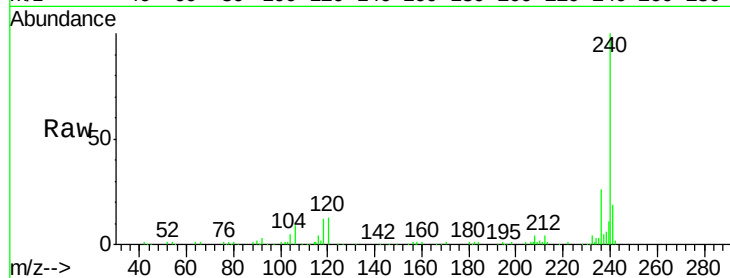
Tgt Ion:240 Resp: 176228

Ion Ratio Lower Upper

240 100

120 13.2 6.8 10.2#

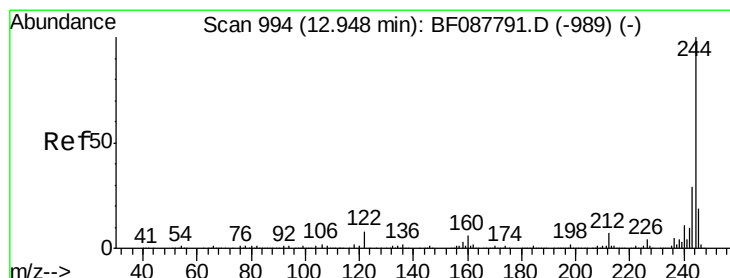
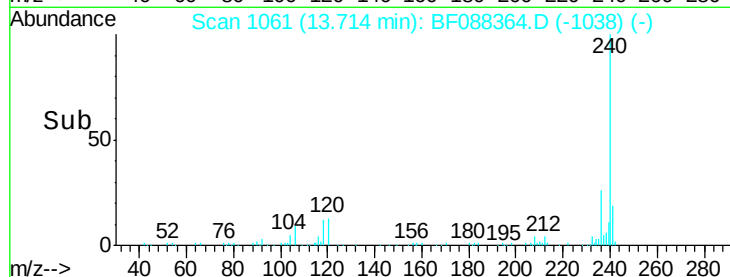
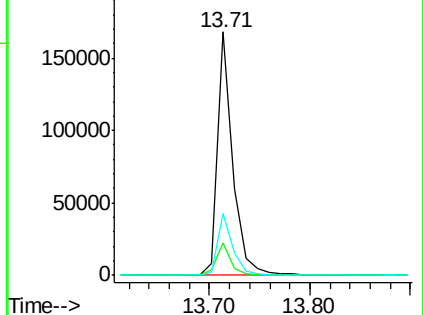
236 25.6 20.2 30.2



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: 76.43 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF088364.D

Acq: 25 Jun 2016 7:44

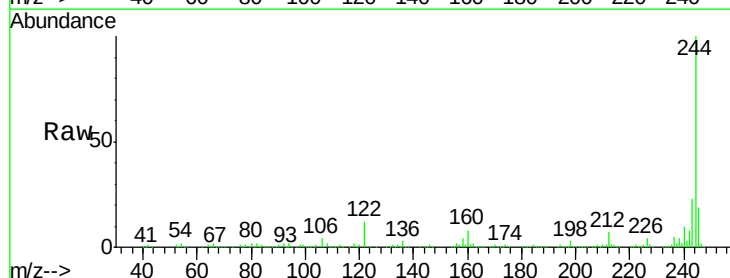
Tgt Ion:244 Resp: 591940

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

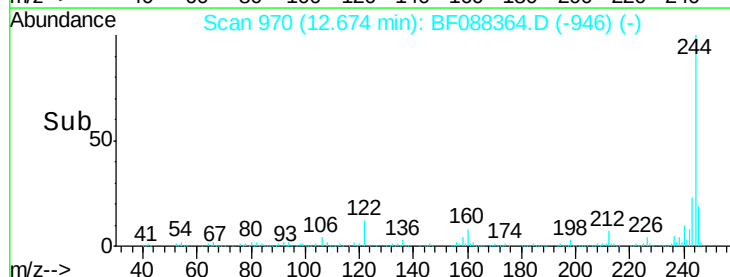
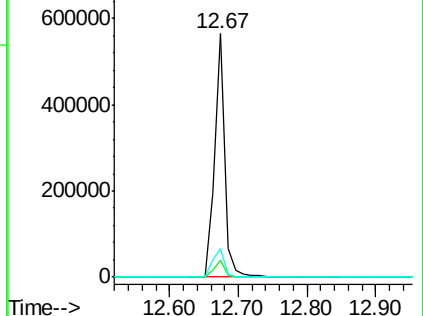
122 11.6 11.2 16.8

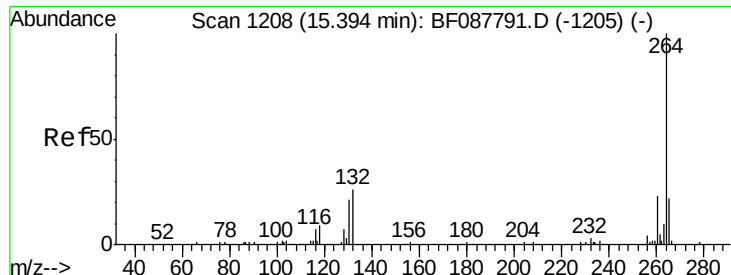


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

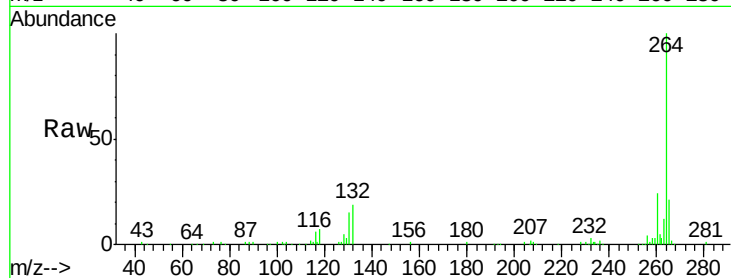




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF088364.D
Acq: 25 Jun 2016 7:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion:	264	Resp:	129321
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.9	16.9	25.3



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

