

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
 Data File : BF088442.D
 Acq On : 27 Jun 2016 7:29
 Operator : UM/SJ
 Sample : H3698-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-24

Quant Time: Jun 27 09:16:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 09:13:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	70807	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	287412	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	130602	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	218393	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	156044	20.00	ng	-0.01
86) Perylene-d12	15.03	264	136050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	227017	54.81	ng	0.00
7) Phenol-d6	6.22	99	174469	34.76	ng	-0.01
23) Nitrobenzene-d5	7.12	82	355675	72.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	130736	94.80	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	637291	76.07	ng	-0.01
78) Terphenyl-d14	12.64	244	496264	72.37	ng	0.00

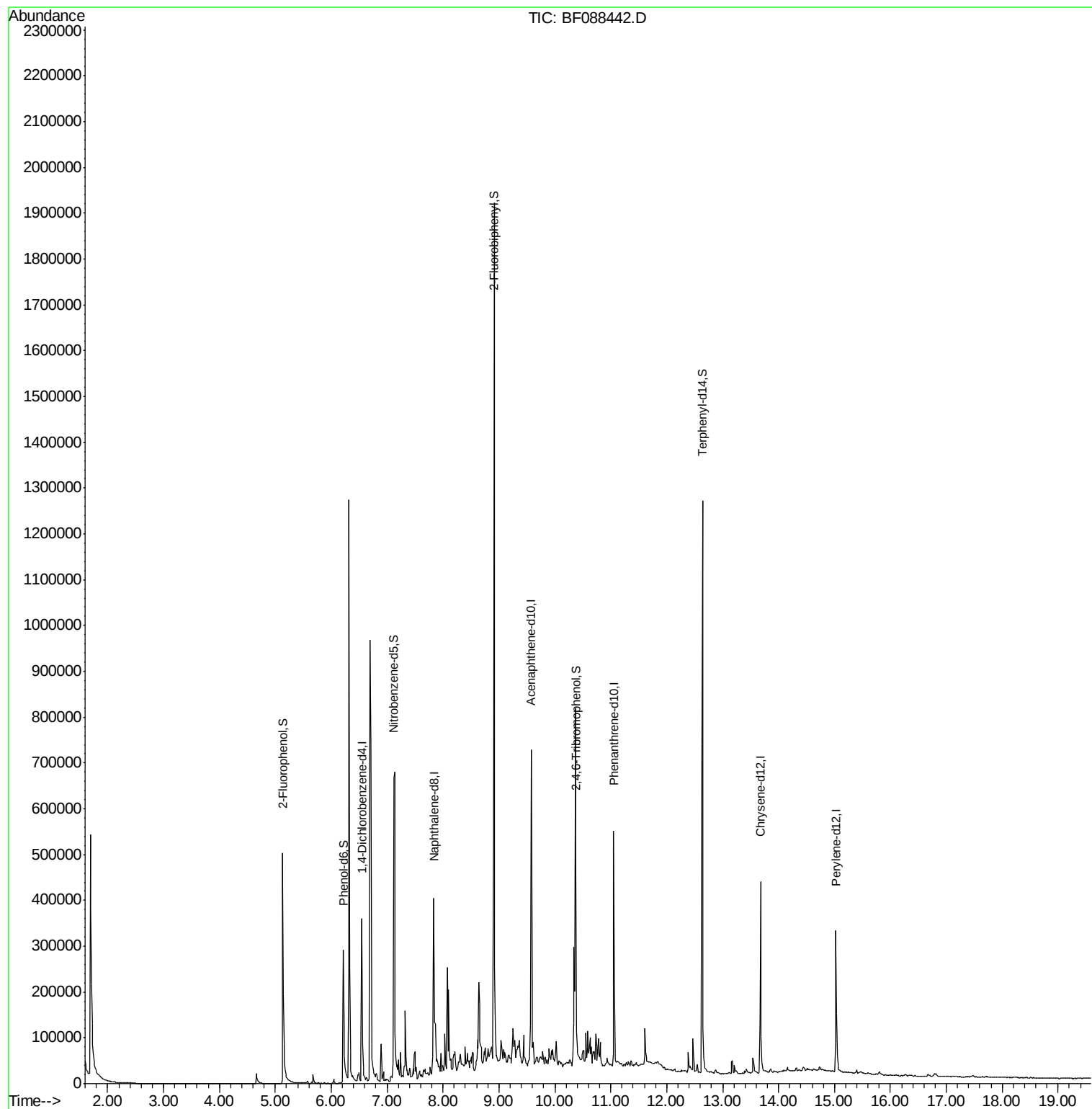
Target Compounds	Qvalue
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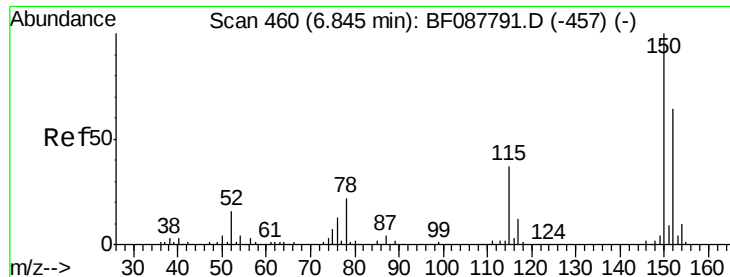
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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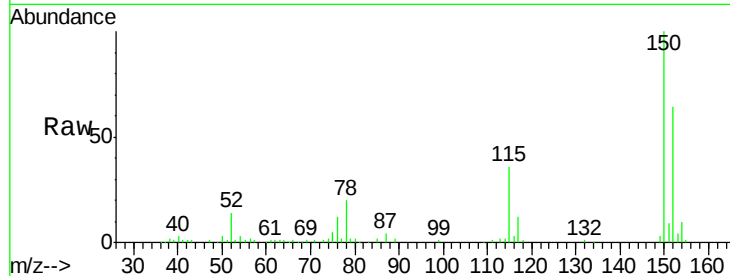


#1

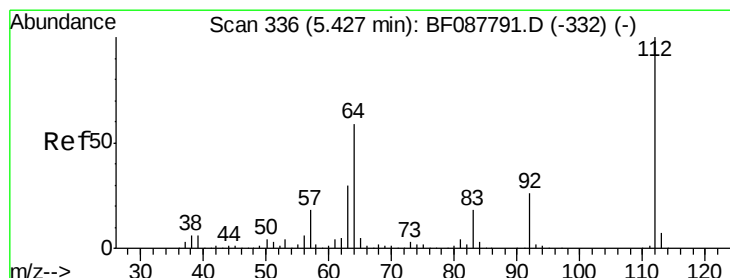
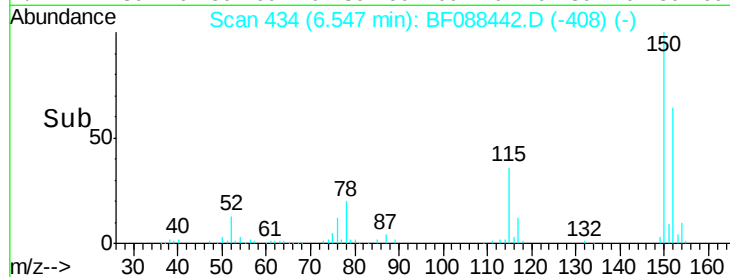
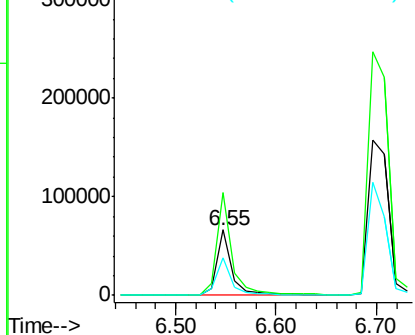
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF088442.D
Acq: 27 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
W-24

Tgt Ion:152 Resp: 70807
Ion Ratio Lower Upper
152 100
150 157.3 123.8 185.6
115 57.3 39.6 59.4



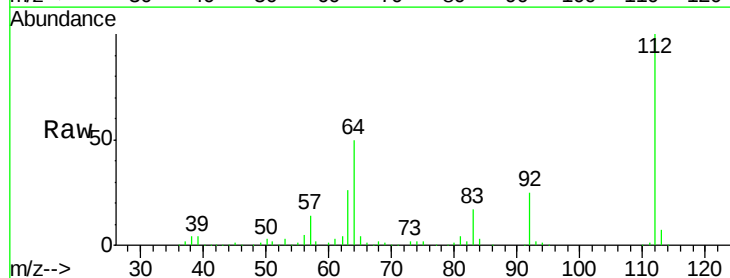
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



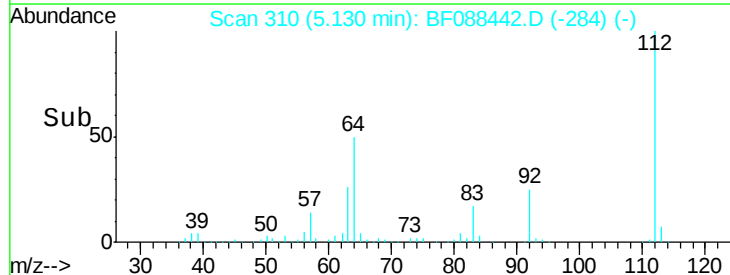
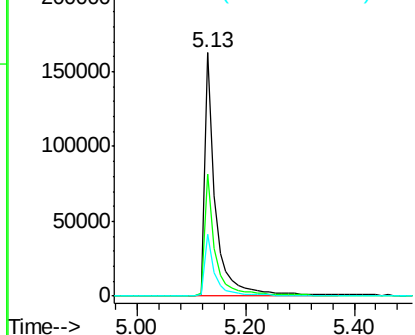
#5

2-Fluorophenol
Concen: 54.81 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.00 min
Lab File: BF088442.D
Acq: 27 Jun 2016 7:29

Tgt Ion:112 Resp: 227017
Ion Ratio Lower Upper
112 100
64 50.4 42.2 63.2
63 25.6 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: 34.76 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF088442.D

Acq: 27 Jun 2016 7:29

Instrument :

BNA_F

ClientSampleId :

W-24

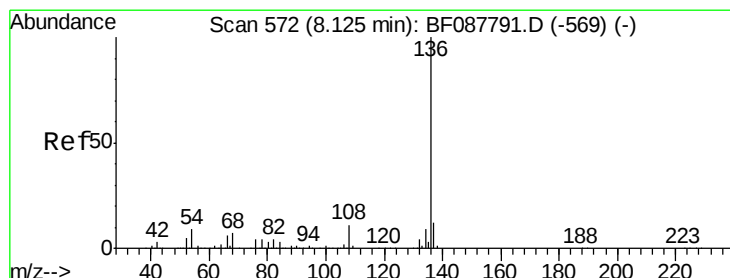
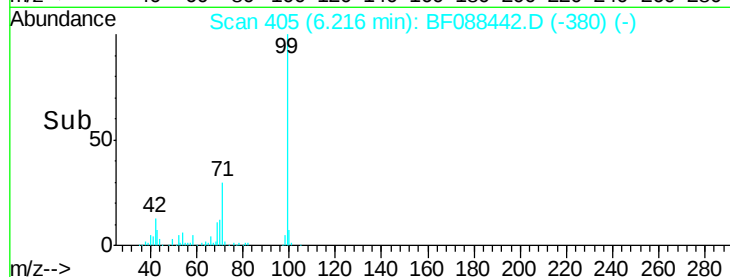
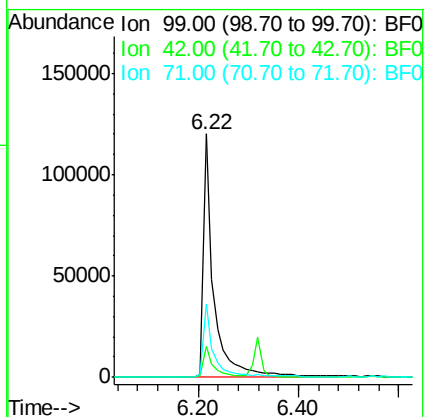
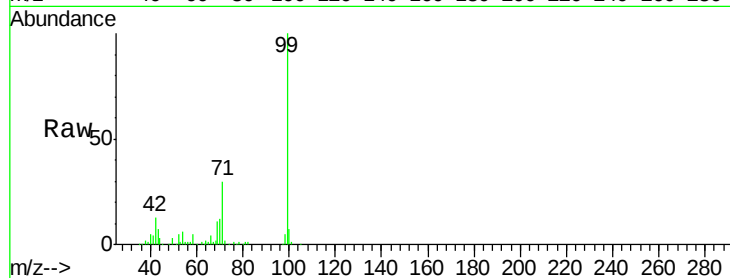
Tgt Ion: 99 Resp: 174469

Ion Ratio Lower Upper

99 100

42 12.8 12.2 18.2

71 30.3 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF088442.D

Acq: 27 Jun 2016 7:29

Tgt Ion: 136 Resp: 287412

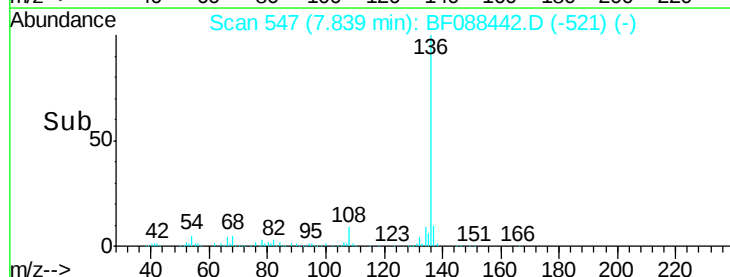
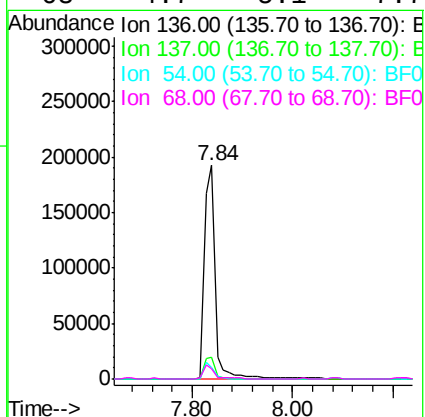
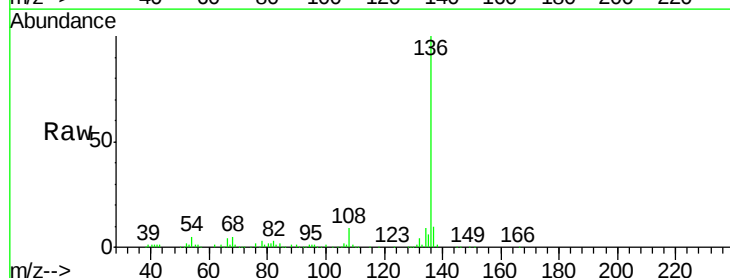
Ion Ratio Lower Upper

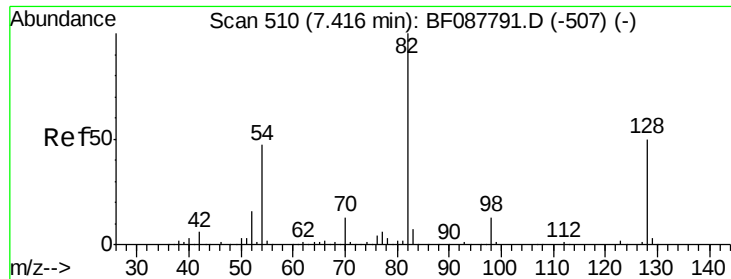
136 100

137 10.5 9.1 13.7

54 5.1 6.6 10.0#

68 4.7 5.1 7.7#

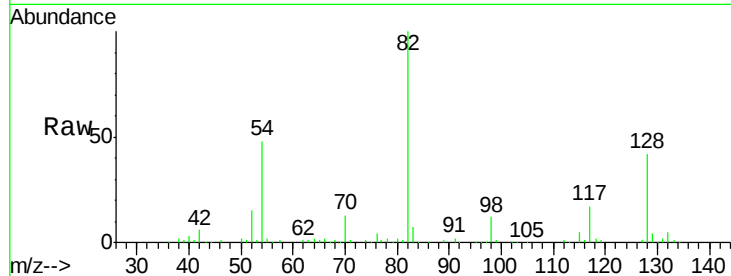




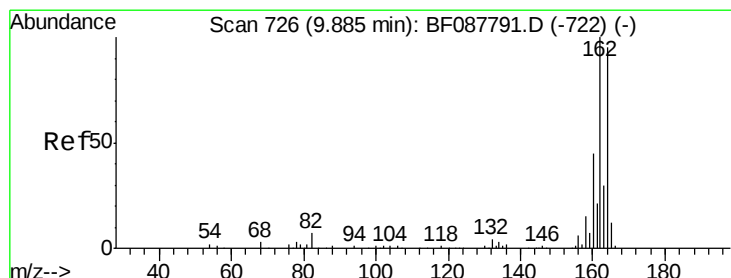
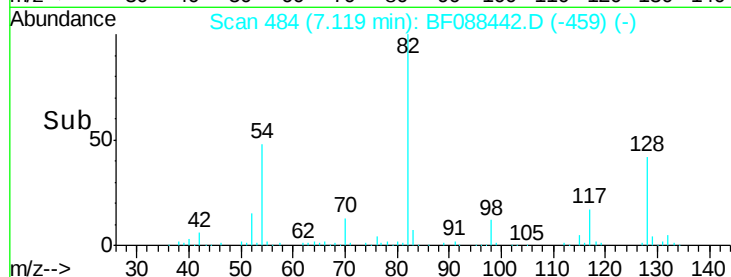
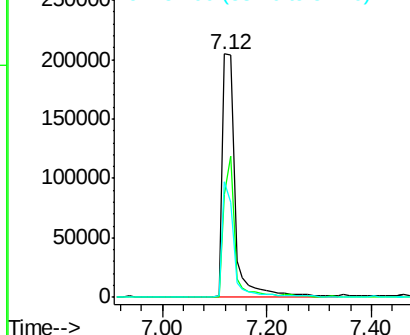
#23
 Nitrobenzene-d5
 Concen: 72.26 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF088442.D
 Acq: 27 Jun 2016 7:29

Instrument :
 BNA_F
 ClientSampleId :
 W-24

Tgt Ion: 82 Resp: 355675
 Ion Ratio Lower Upper
 82 100
 128 42.3 35.9 53.9
 54 47.5 40.9 61.3

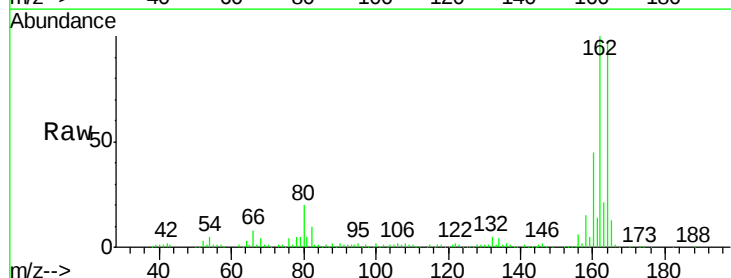


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

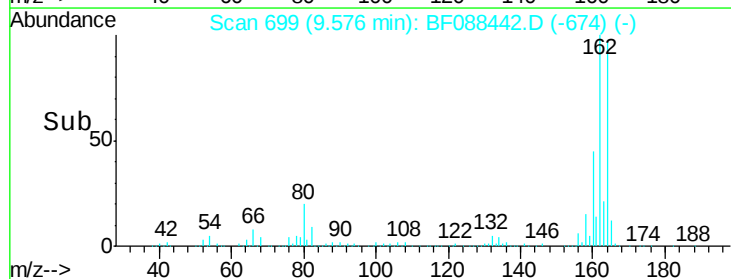
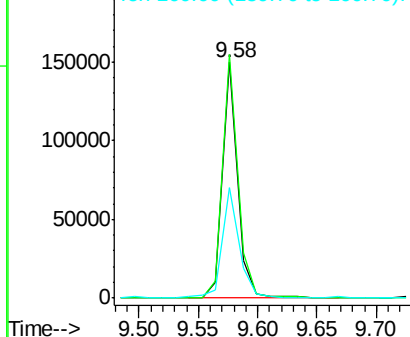


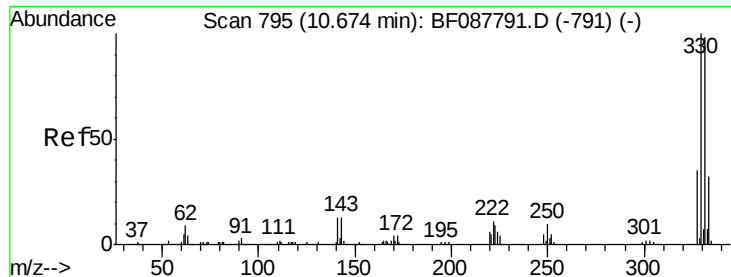
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF088442.D
 Acq: 27 Jun 2016 7:29

Tgt Ion:164 Resp: 130602
 Ion Ratio Lower Upper
 164 100
 162 103.4 85.4 128.2
 160 46.8 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

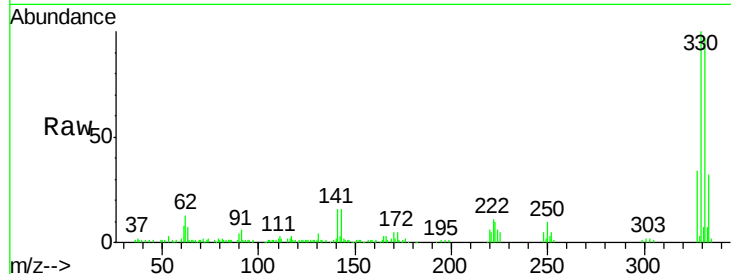




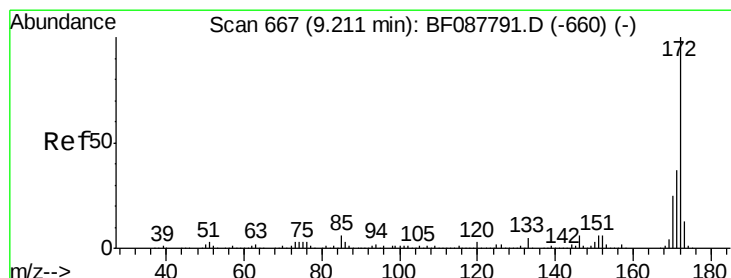
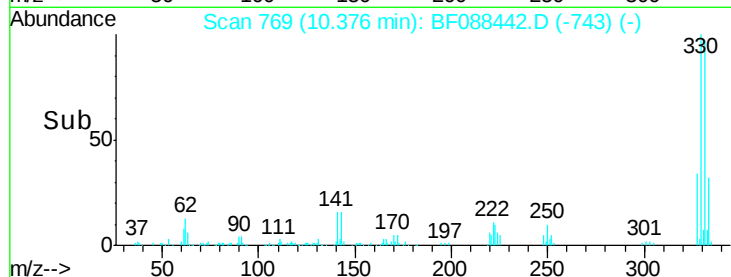
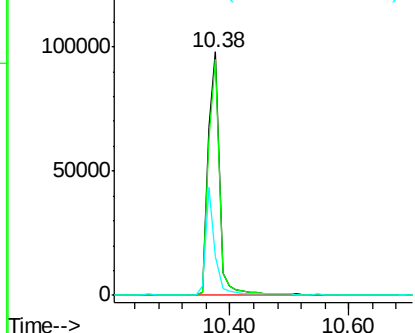
#41
 2,4,6-Tribromophenol
 Concen: 94.80 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF088442.D
 Acq: 27 Jun 2016 7:29

Instrument :
 BNA_F
 ClientSampled :
 W-24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	38.2	0.0	0.0#

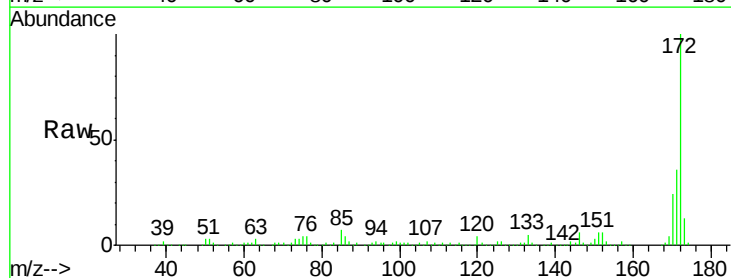


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

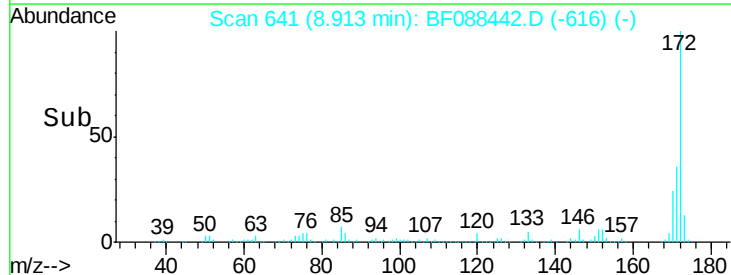
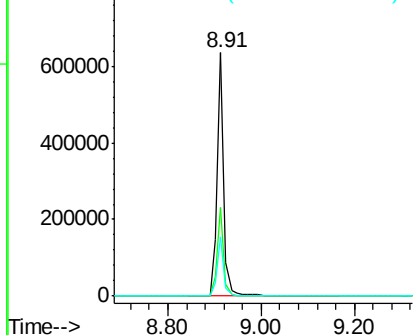


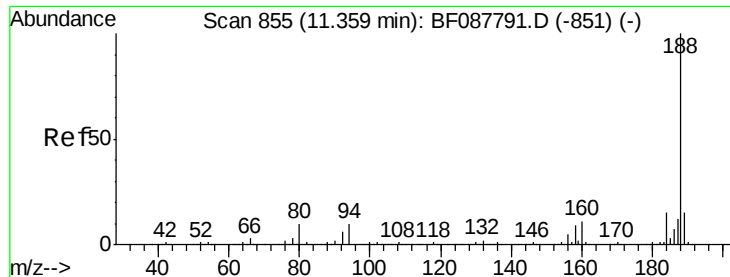
#44
 2-Fluorobiphenyl
 Concen: 76.07 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF088442.D
 Acq: 27 Jun 2016 7:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.2	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: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF088442.D

Acq: 27 Jun 2016 7:29

Instrument :

BNA_F

ClientSampled :

W-24

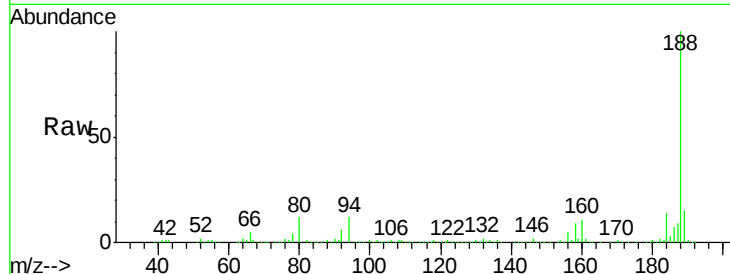
Tgt Ion:188 Resp: 218393

Ion Ratio Lower Upper

188 100

94 11.8 9.0 13.6

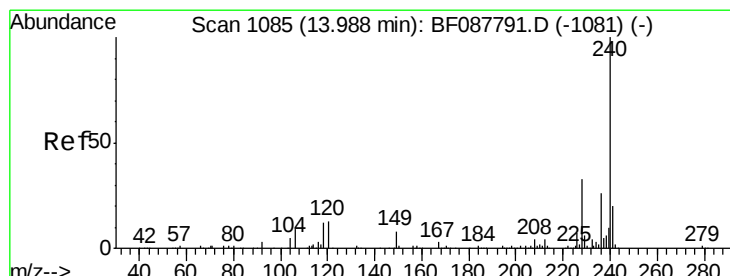
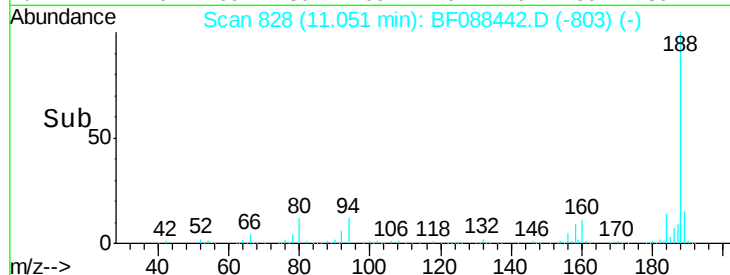
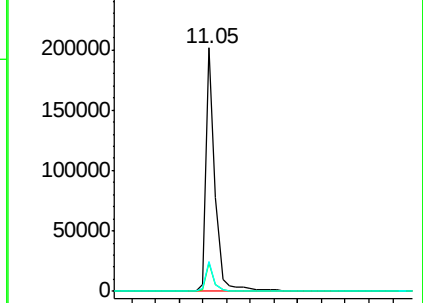
80 12.2 10.0 15.0



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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF088442.D

Acq: 27 Jun 2016 7:29

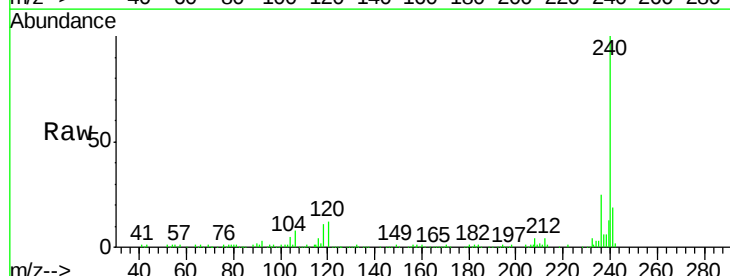
Tgt Ion:240 Resp: 156044

Ion Ratio Lower Upper

240 100

120 11.9 6.8 10.2#

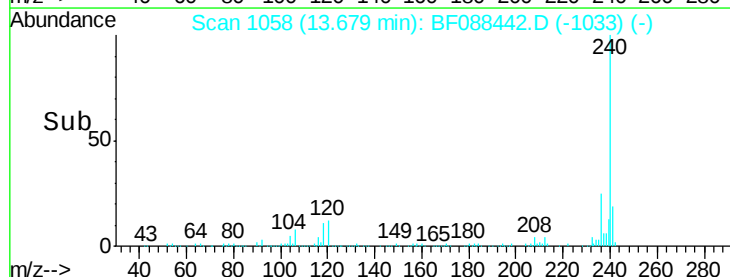
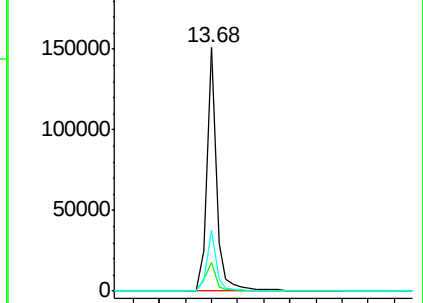
236 24.9 20.2 30.2

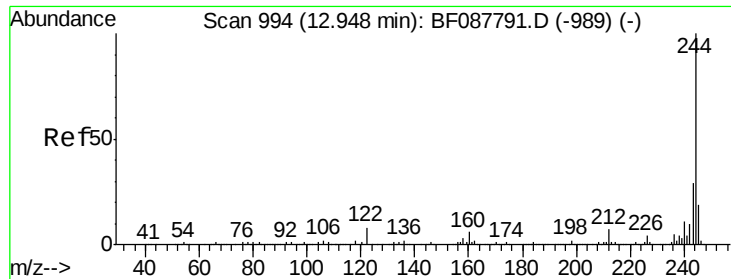


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

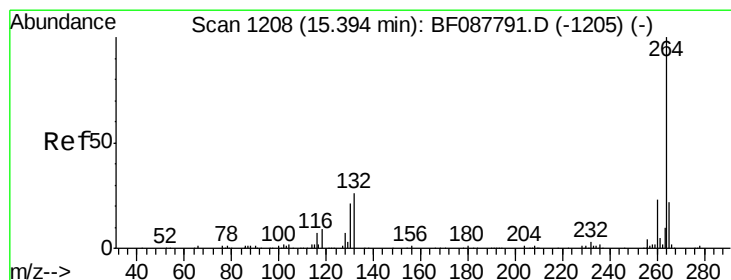
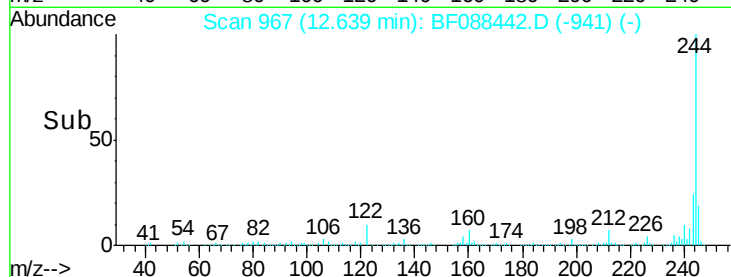
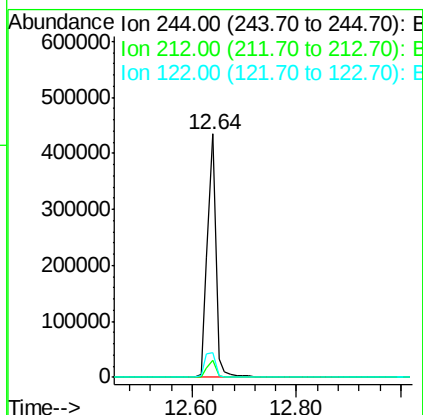
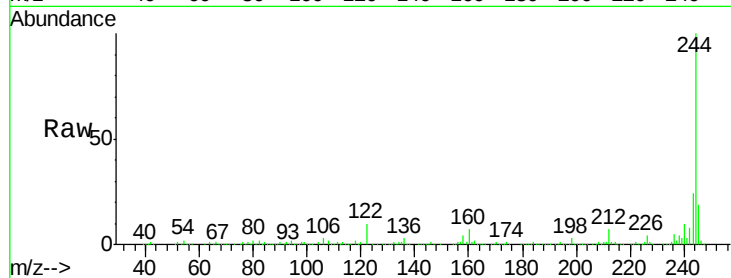




#78
 Terphenyl-d14
 Concen: 72.37 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF088442.D
 Acq: 27 Jun 2016 7:29

Instrument :
 BNA_F
 ClientSampled :
 W-24

Tgt Ion:244 Resp: 496264
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.4 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF088442.D
 Acq: 27 Jun 2016 7:29

Tgt Ion:264 Resp: 136050
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 16.9 25.3

