

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080521.D
 Acq On : 16 Jul 2015 20:45
 Operator : TP/UM
 Sample : G2925-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4

Quant Time: Jul 17 06:57:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 17:11:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	21644	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	85233	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	37769	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	70701	20.00	ng	0.00
75) Chrysene-d12	14.36	240	50799	20.00	ng	-0.07
86) Perylene-d12	16.04	264	45213	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	34336	27.04	ng	0.01
7) Phenol-d6	6.72	99	24580	14.26	ng	0.00
23) Nitrobenzene-d5	7.64	82	116918	80.52	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	22408	76.25	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	251473	90.61	ng	0.00
78) Terphenyl-d14	13.21	244	229502	93.67	ng	-0.02

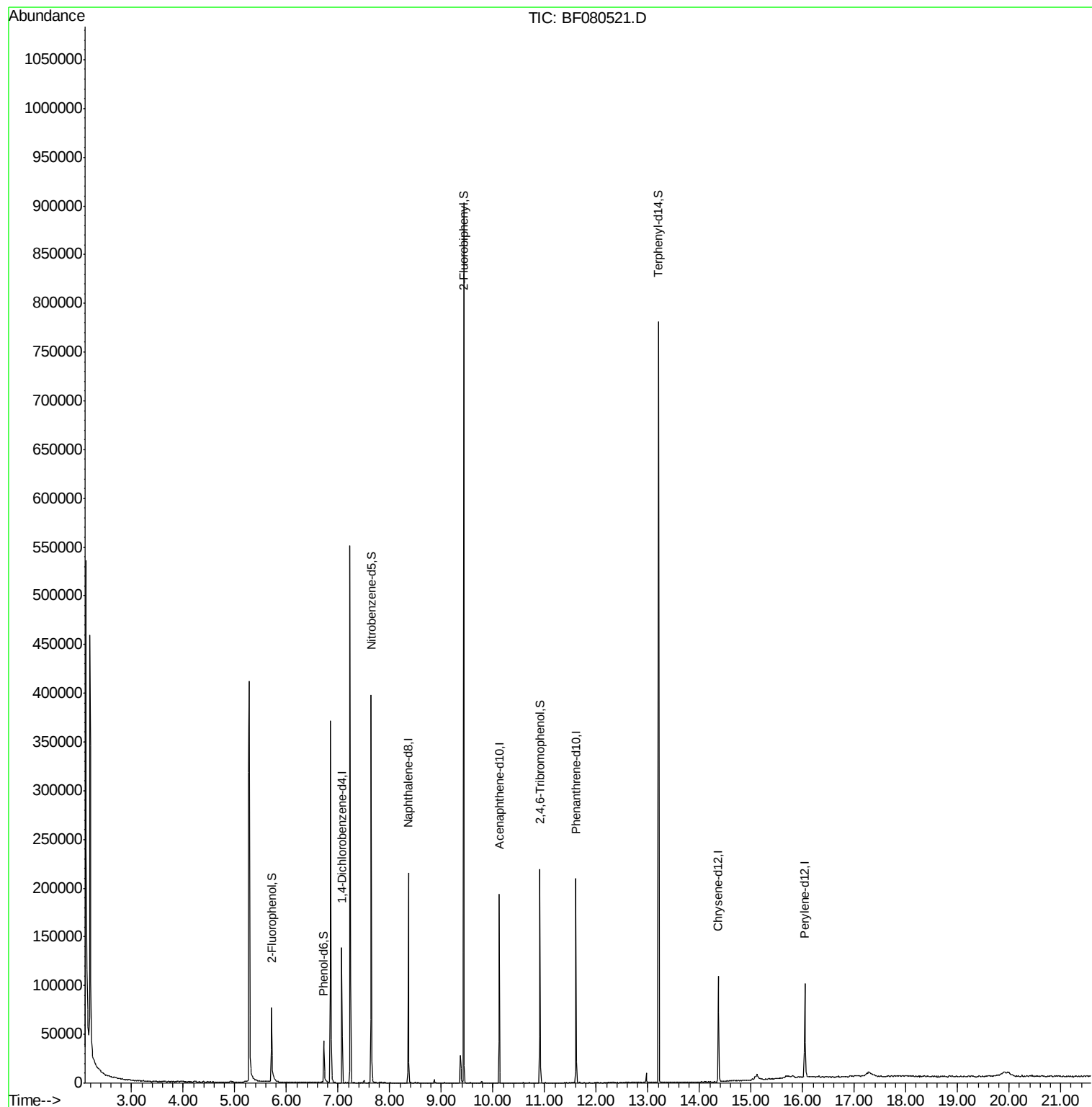
Target Compounds	Qvalue
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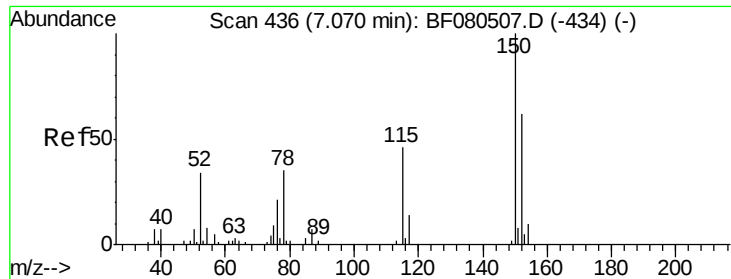
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF080521.D

Acq: 16 Jul 2015 20:45

Instrument :

BNA_F

ClientSampleId :

TEC-E4

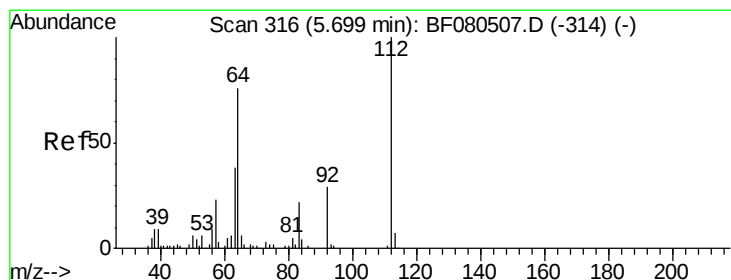
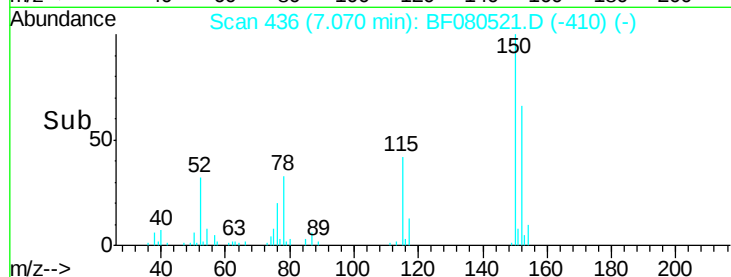
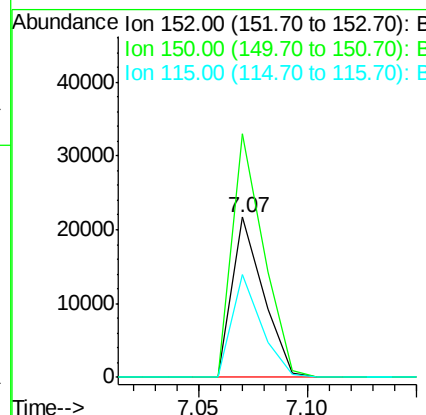
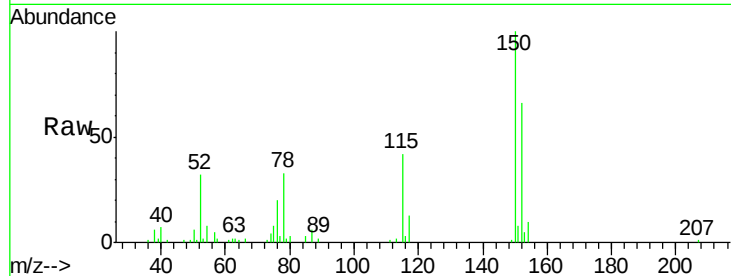
Tgt Ion:152 Resp: 21644

Ion Ratio Lower Upper

152 100

150 152.0 124.7 187.1

115 64.1 39.0 58.4#



#5

2-Fluorophenol

Concen: 27.04 ng

RT: 5.71 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF080521.D

Acq: 16 Jul 2015 20:45

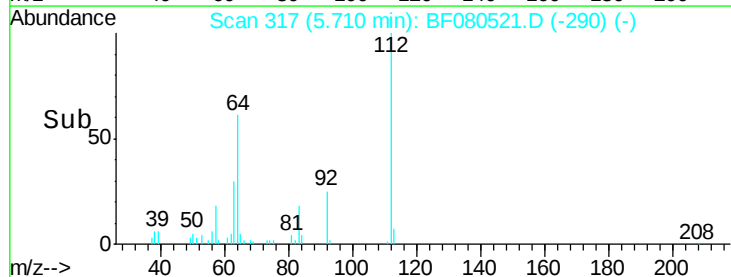
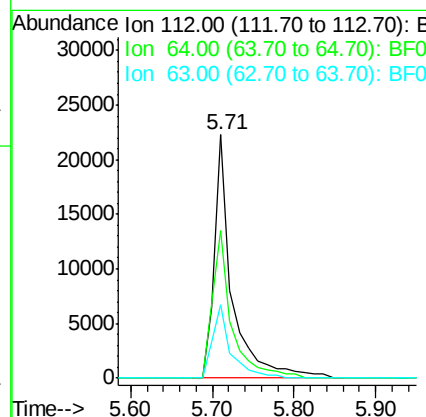
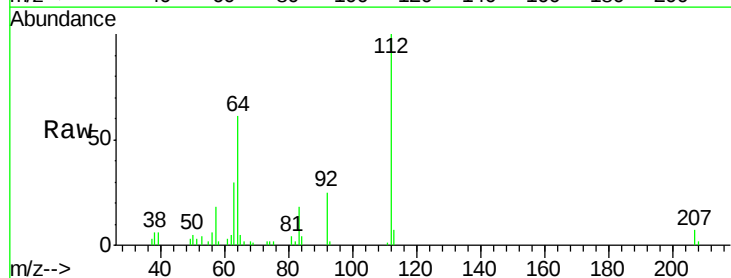
Tgt Ion:112 Resp: 34336

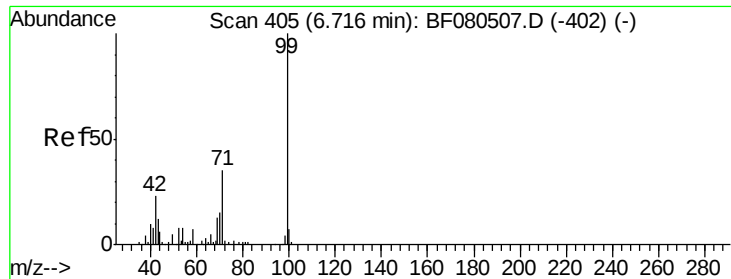
Ion Ratio Lower Upper

112 100

64 60.8 39.7 59.5#

63 30.0 17.4 26.0#





#7

Phenol-d6

Concen: 14.26 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF080521.D

Acq: 16 Jul 2015 20:45

Instrument :

BNA_F

ClientSampleId :

TEC-E4

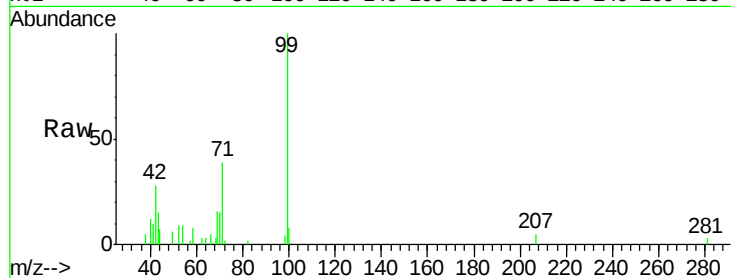
Tgt Ion: 99 Resp: 24580

Ion Ratio Lower Upper

99 100

42 27.9 13.7 20.5#

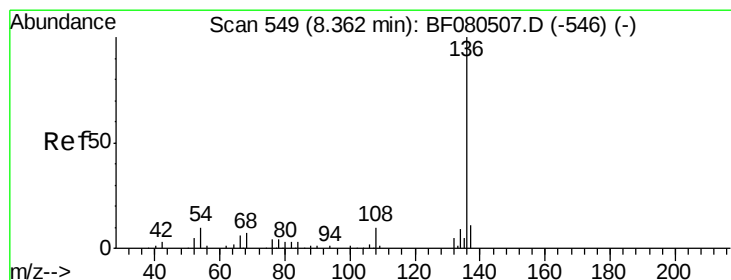
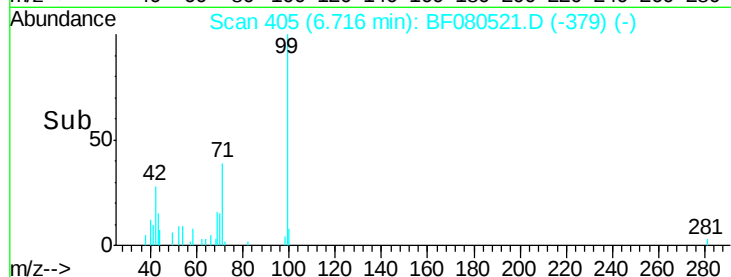
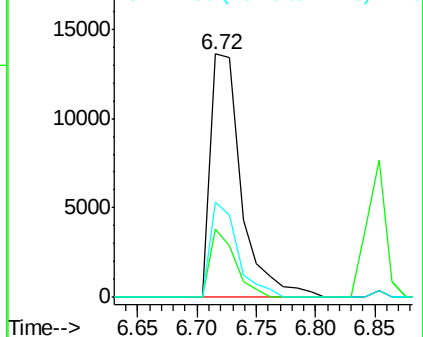
71 38.9 14.2 21.2#



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: 8.36 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF080521.D

Acq: 16 Jul 2015 20:45

Tgt Ion: 136 Resp: 85233

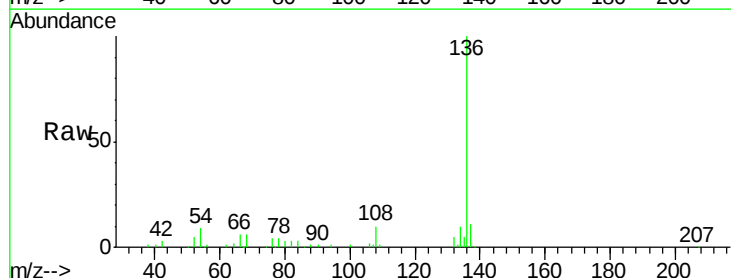
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 9.4 8.2 12.2

68 6.3 5.8 8.6

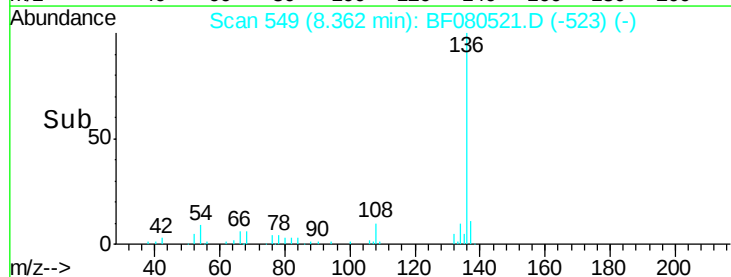
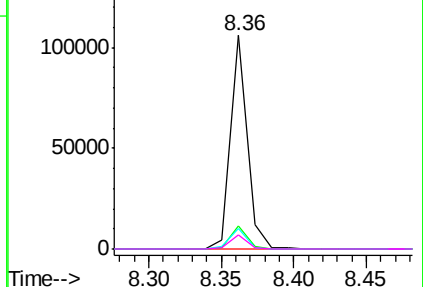


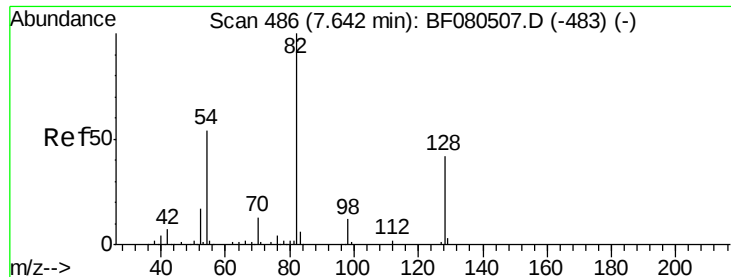
Abundance Ion 136.00 (135.70 to 136.70): E

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

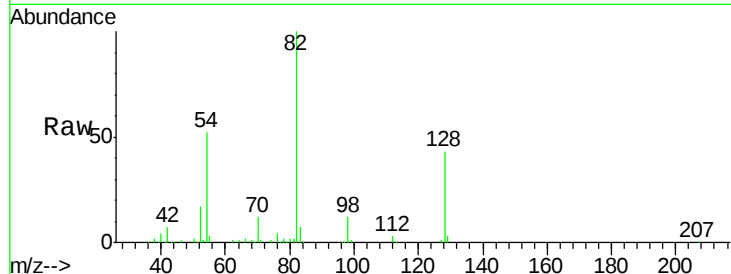




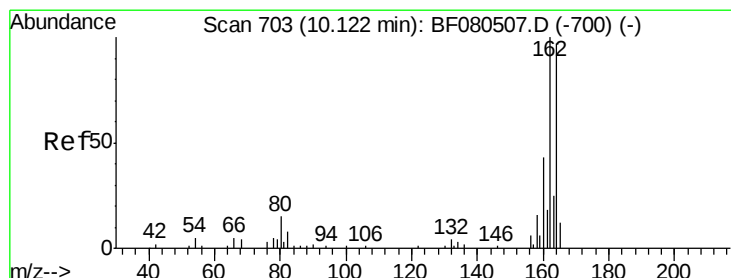
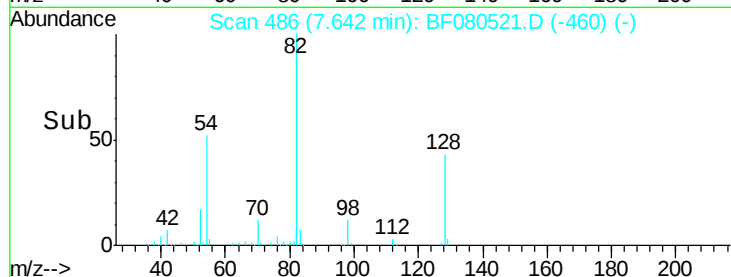
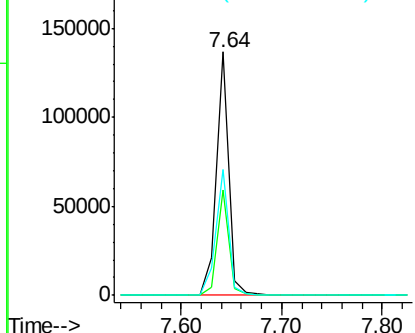
#23
 Nitrobenzene-d5
 Concen: 80.52 ng
 RT: 7.64 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF080521.D
 Acq: 16 Jul 2015 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4

Tgt Ion: 82 Resp: 116918
 Ion Ratio Lower Upper
 82 100
 128 43.3 51.0 76.6#
 54 51.8 47.5 71.3

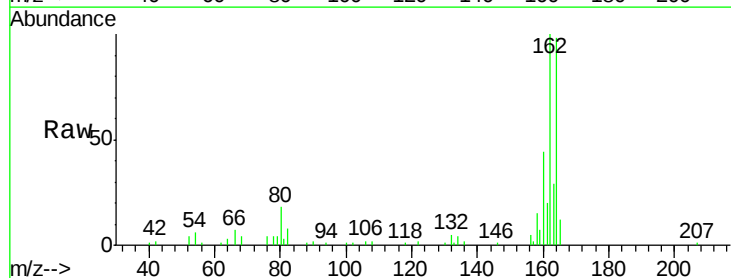


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

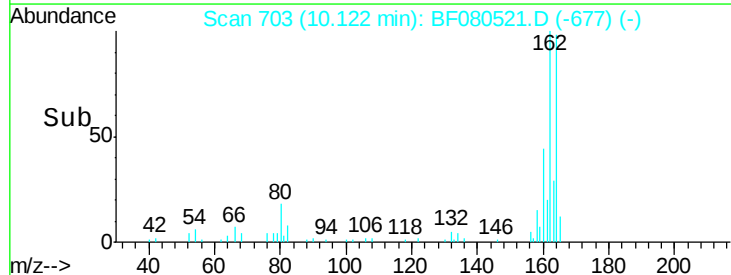
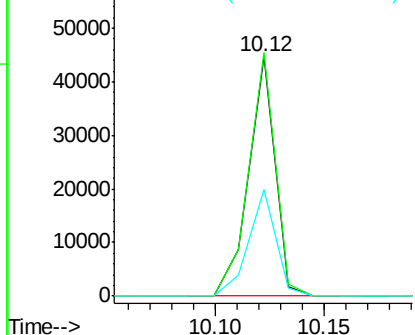


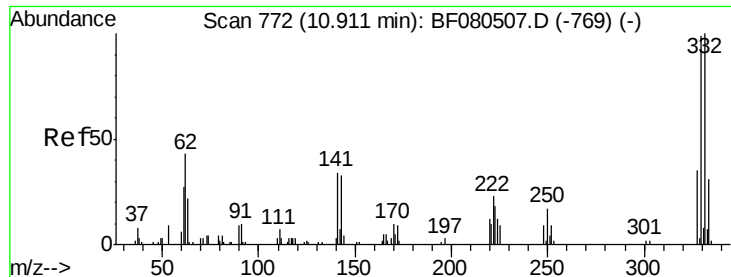
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080521.D
 Acq: 16 Jul 2015 20:45

Tgt Ion: 164 Resp: 37769
 Ion Ratio Lower Upper
 164 100
 162 101.8 75.2 112.8
 160 44.7 31.5 47.3



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

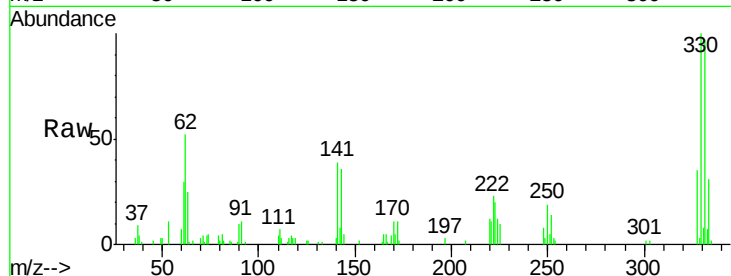




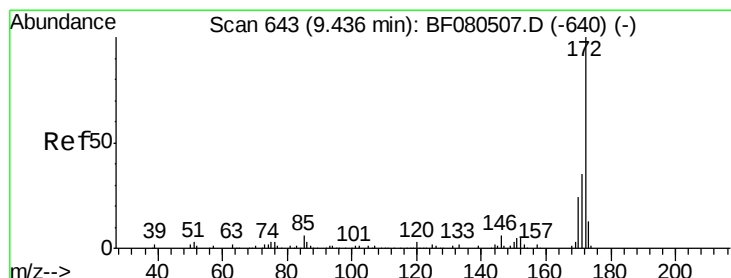
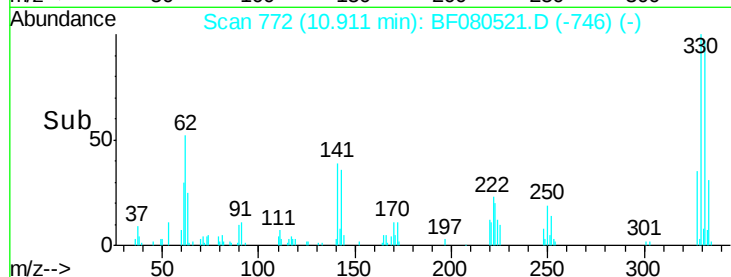
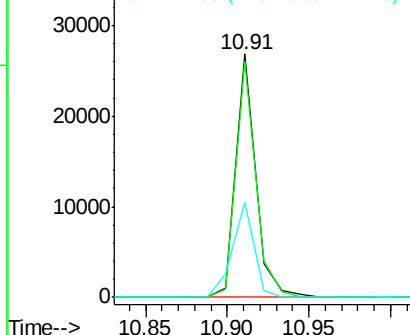
#41
 2,4,6-Tribromophenol
 Concen: 76.25 ng
 RT: 10.91 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF080521.D
 Acq: 16 Jul 2015 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	42.5	29.7	44.5

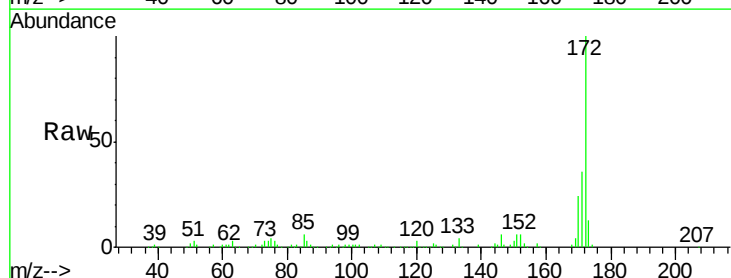


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

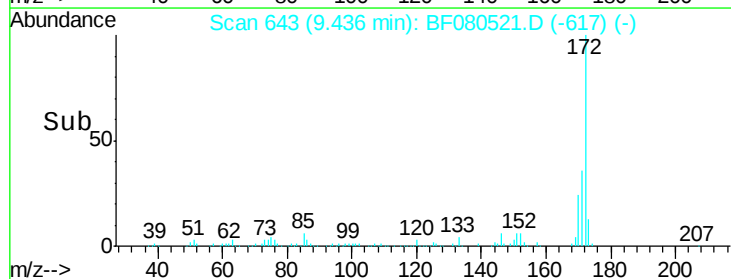
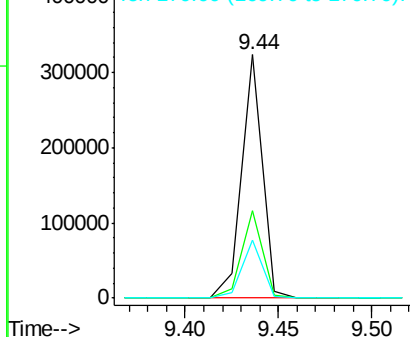


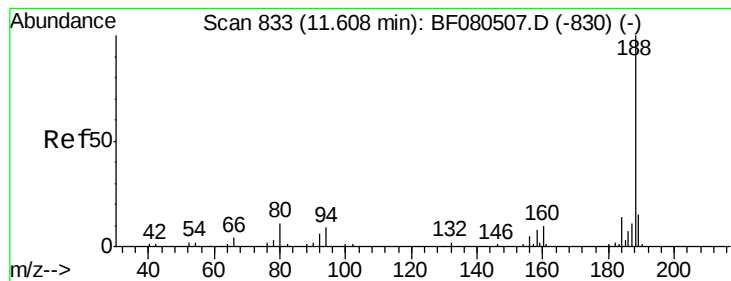
#44
 2-Fluorobiphenyl
 Concen: 90.61 ng
 RT: 9.44 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF080521.D
 Acq: 16 Jul 2015 20:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	23.9	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF080521.D

Acq: 16 Jul 2015 20:45

Instrument :

BNA_F

ClientSampleId :

TEC-E4

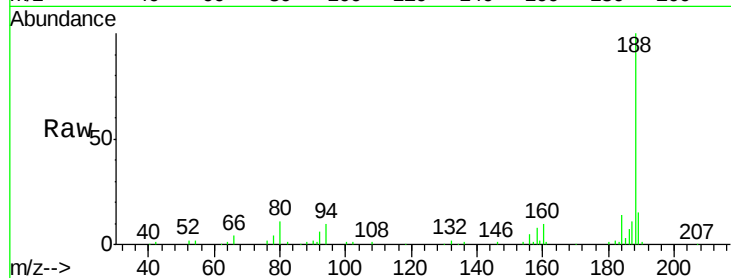
Tgt Ion:188 Resp: 70701

Ion Ratio Lower Upper

188 100

94 9.8 11.1 16.7#

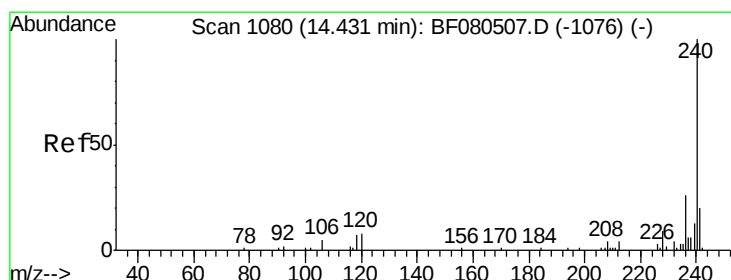
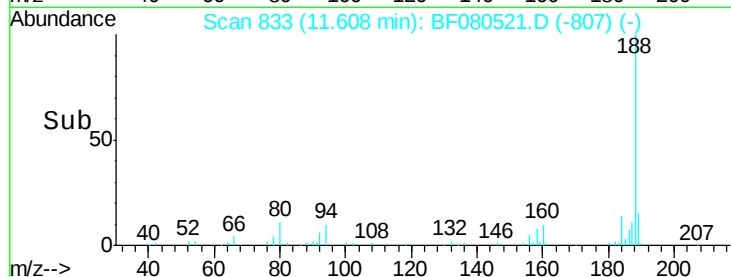
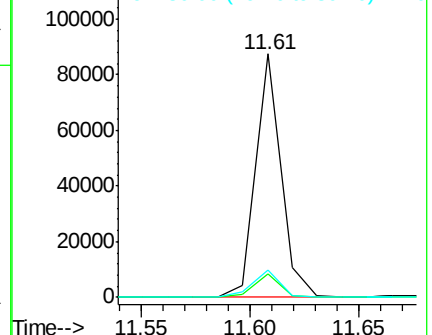
80 11.2 11.0 16.4



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: 14.36 min Scan# 1074

Delta R.T. -0.07 min

Lab File: BF080521.D

Acq: 16 Jul 2015 20:45

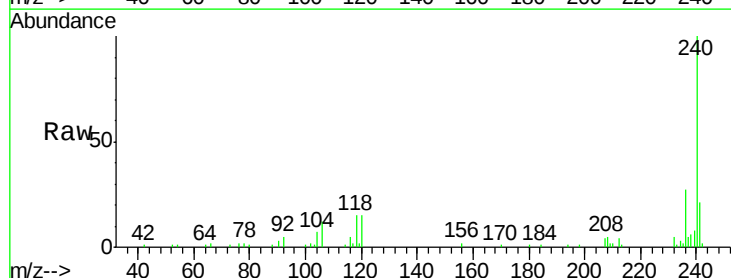
Tgt Ion:240 Resp: 50799

Ion Ratio Lower Upper

240 100

120 15.2 16.2 24.2#

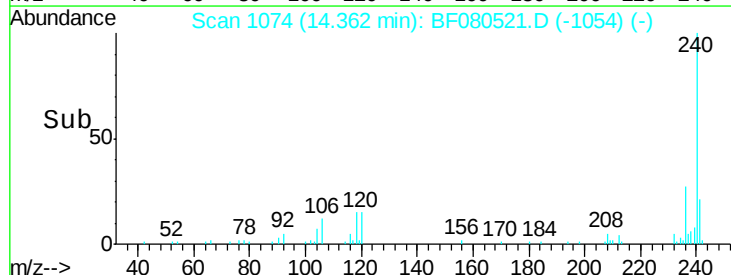
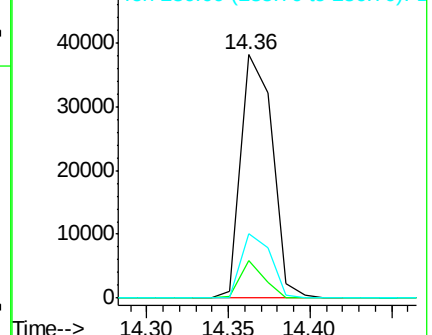
236 26.6 18.4 27.6

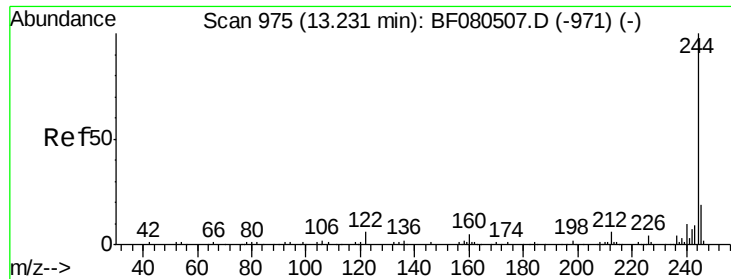


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

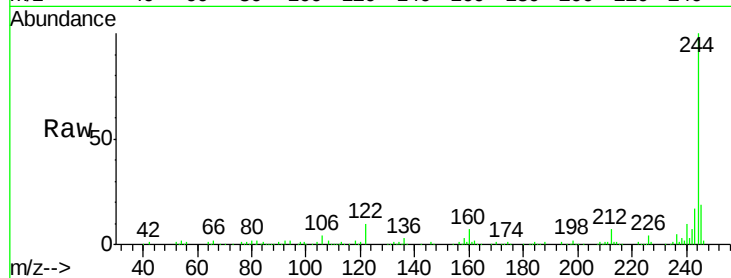




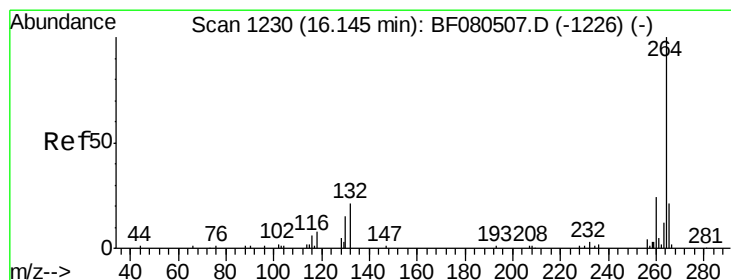
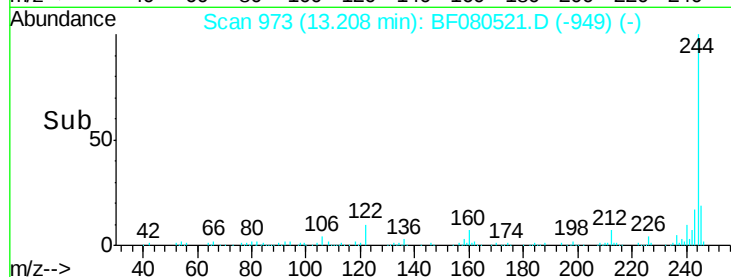
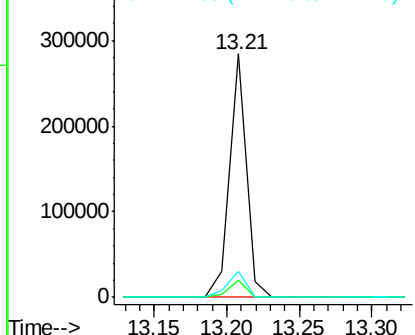
#78
 Terphenyl-d14
 Concen: 93.67 ng
 RT: 13.21 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF080521.D
 Acq: 16 Jul 2015 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4

Tgt Ion:244 Resp: 229502
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.3 6.5#
 122 10.4 17.4 26.2#

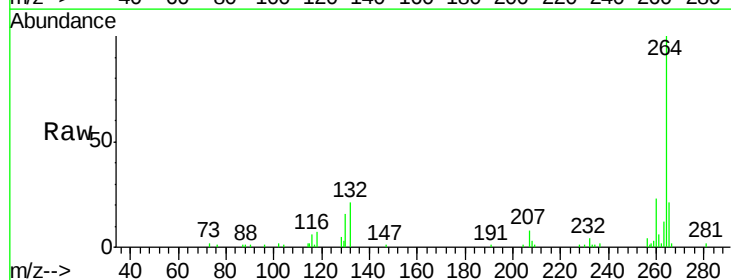


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.04 min Scan# 1221
 Delta R.T. -0.10 min
 Lab File: BF080521.D
 Acq: 16 Jul 2015 20:45

Tgt Ion:264 Resp: 45213
 Ion Ratio Lower Upper
 264 100
 260 23.1 16.7 25.1
 265 20.6 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

