

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080519.D
 Acq On : 16 Jul 2015 19:46
 Operator : TP/UM
 Sample : G2988-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUSO-WC-001

Quant Time: Jul 17 06:39:49 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

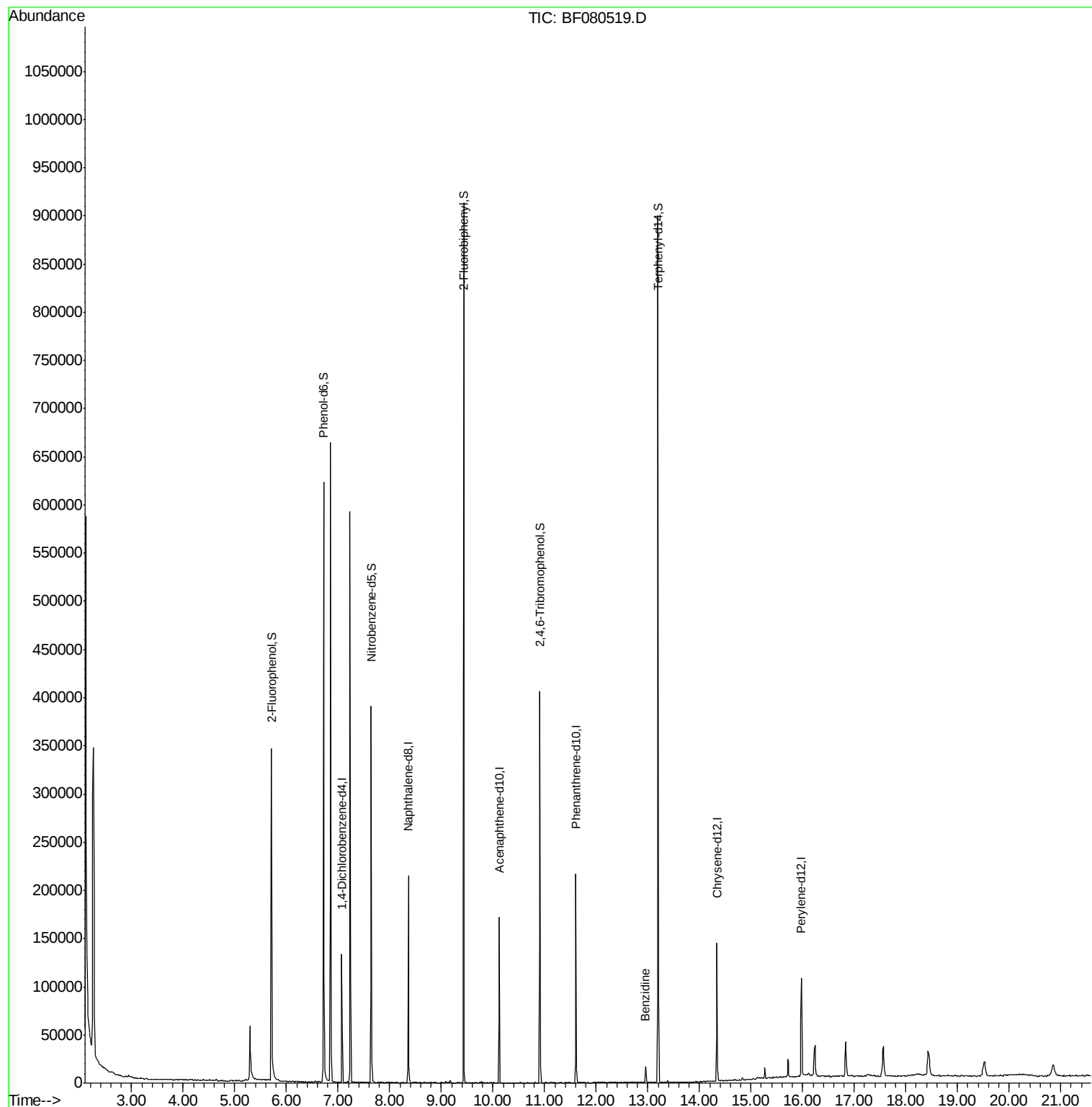
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	20865	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	85139	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	35895	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	73851	20.00	ng	0.00
75) Chrysene-d12	14.34	240	55583	20.00	ng	-0.09
86) Perylene-d12	15.97	264	52573	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	146669	119.83	ng	0.01
7) Phenol-d6	6.72	99	191336	115.12	ng	0.00
23) Nitrobenzene-d5	7.64	82	121306	83.63	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	43387	155.35	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	269946	102.34	ng	0.00
78) Terphenyl-d14	13.20	244	256888	95.83	ng	-0.03
Target Compounds						
76) Benzidine	12.96	184	10505	5.74	ng	Qvalue # 96

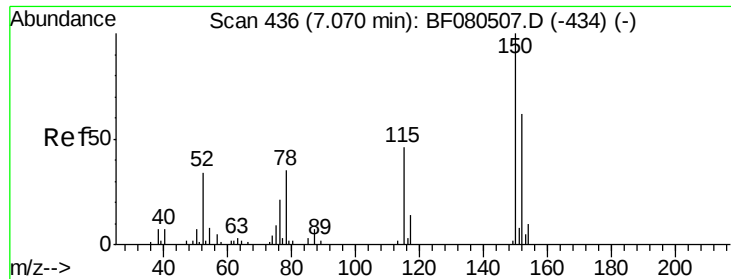
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
Data File : BF080519.D
Acq On : 16 Jul 2015 19:46
Operator : TP/UM
Sample : G2988-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUSO-WC-001

Quant Time: Jul 17 06:39:49 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



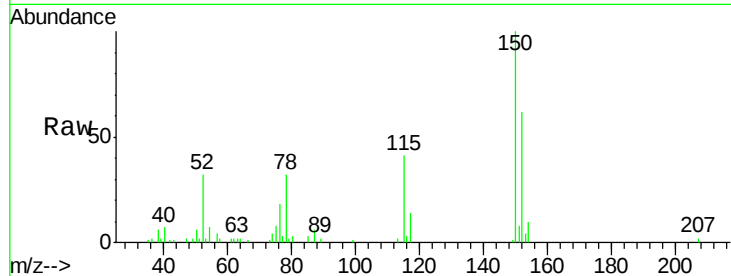


#1

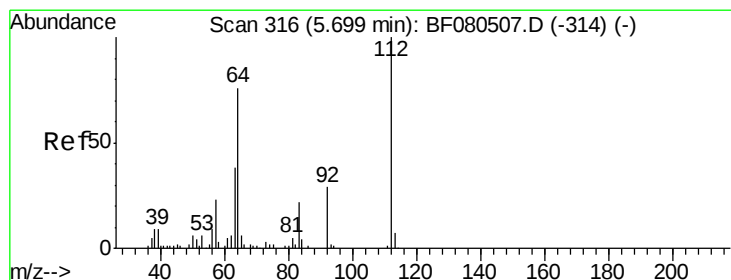
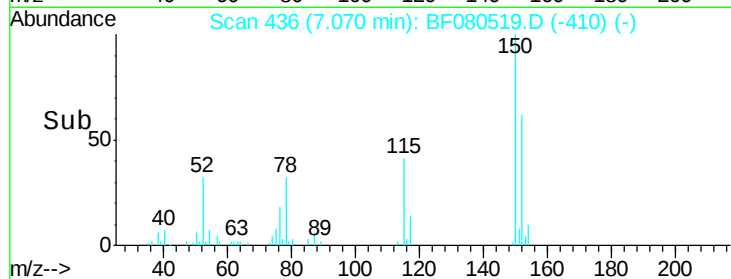
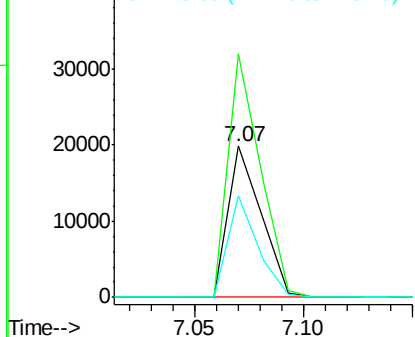
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080519.D
Acq: 16 Jul 2015 19:46

Instrument :
BNA_F
ClientSampleId :
DUSO-WC-001

Tgt Ion:152 Resp: 20865
Ion Ratio Lower Upper
152 100
150 161.1 124.7 187.1
115 66.9 39.0 58.4#



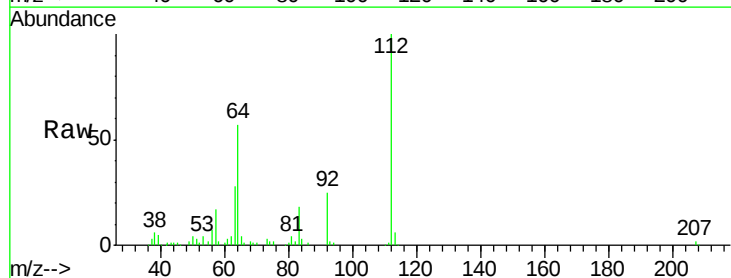
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



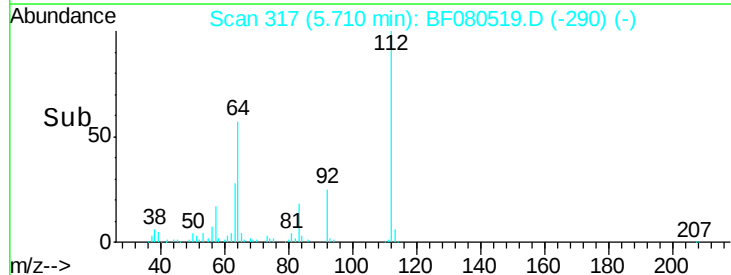
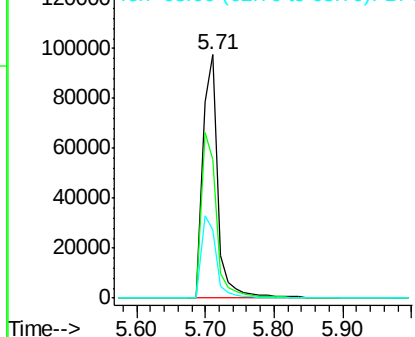
#5

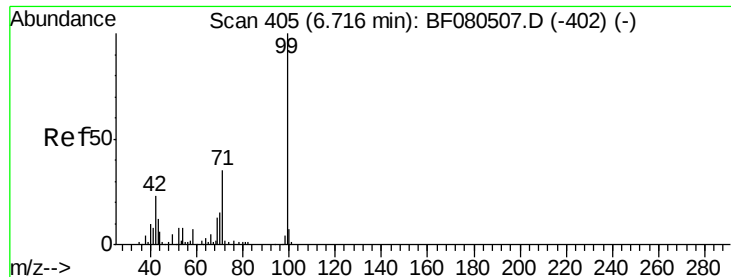
2-Fluorophenol
Concen: 119.83 ng
RT: 5.71 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF080519.D
Acq: 16 Jul 2015 19:46

Tgt Ion:112 Resp: 146669
Ion Ratio Lower Upper
112 100
64 57.2 39.7 59.5
63 27.9 17.4 26.0#



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: 115.12 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF080519.D

Acq: 16 Jul 2015 19:46

Instrument :

BNA_F

ClientSampleId :

DUSO-WC-001

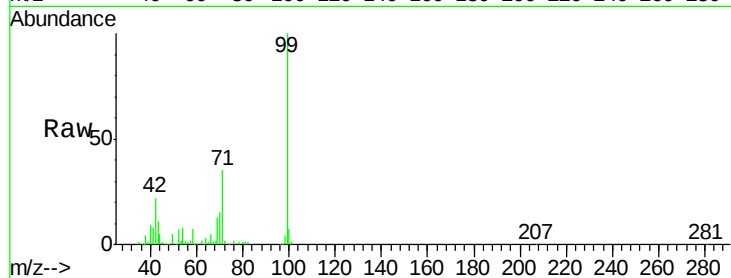
Tgt Ion: 99 Resp: 191336

Ion Ratio Lower Upper

99 100

42 21.9 13.7 20.5#

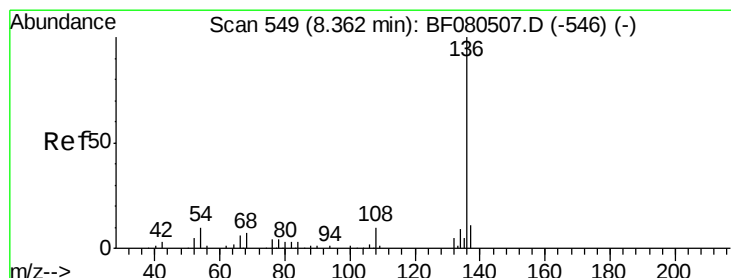
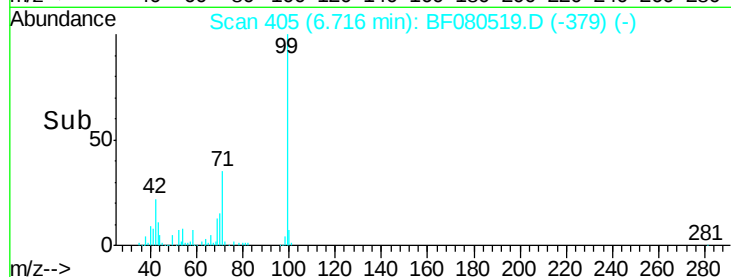
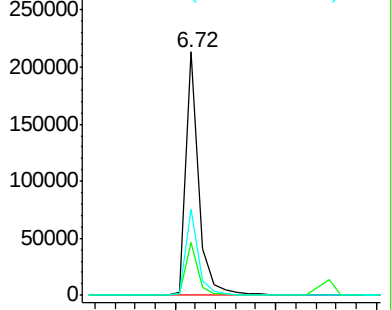
71 35.2 14.2 21.2#



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: BF080519.D

Acq: 16 Jul 2015 19:46

Tgt Ion: 136 Resp: 85139

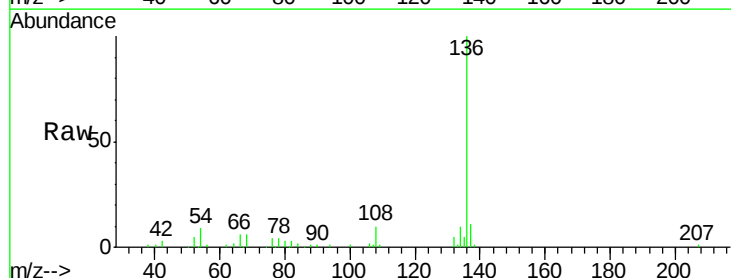
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 8.9 8.2 12.2

68 6.2 5.8 8.6

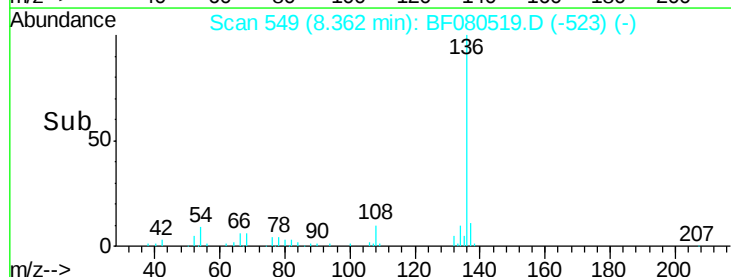
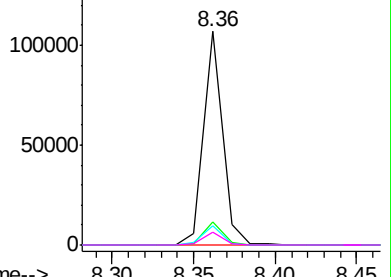


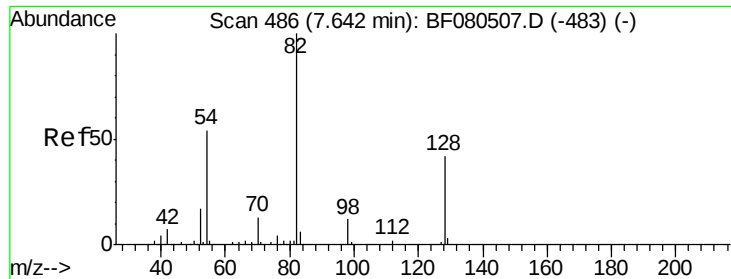
Abundance Ion 136.00 (135.70 to 136.70): E

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

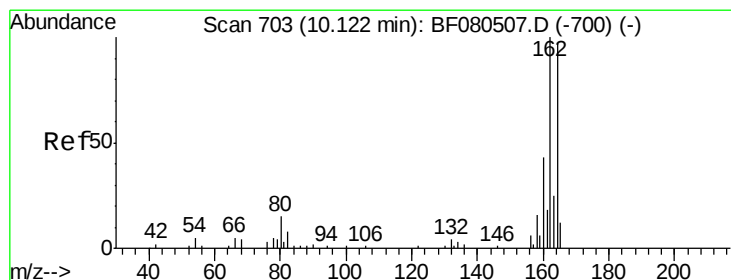
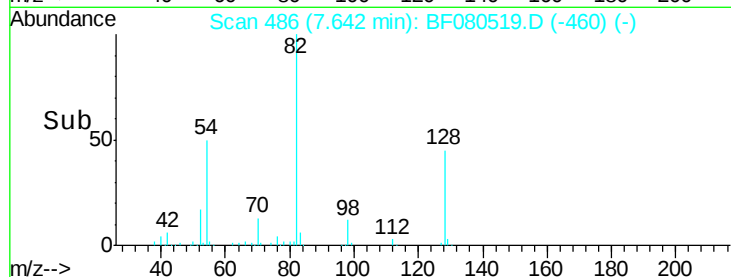
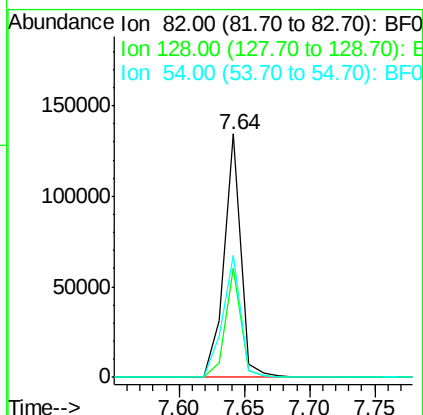
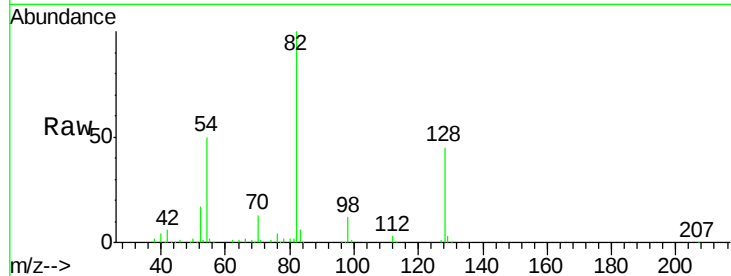




#23
 Nitrobenzene-d5
 Concen: 83.63 ng
 RT: 7.64 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF080519.D
 Acq: 16 Jul 2015 19:46

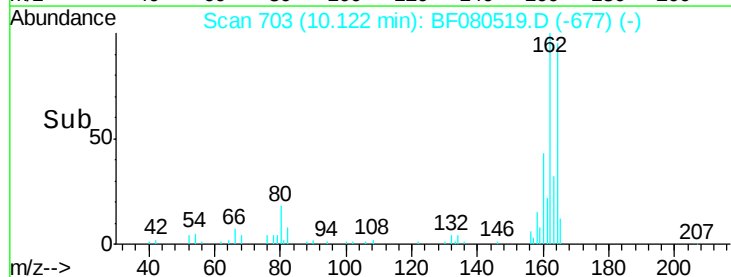
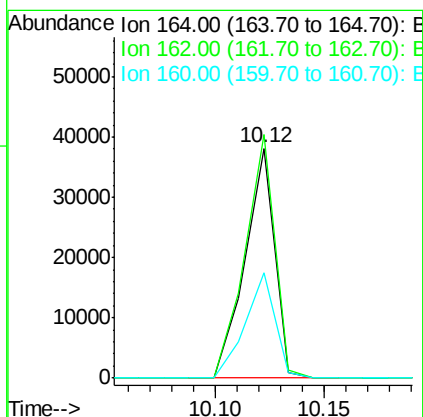
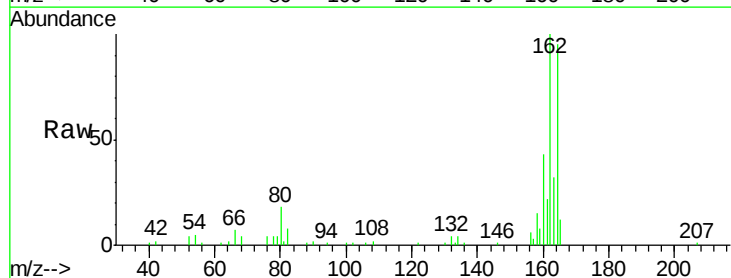
Instrument :
 BNA_F
 ClientSampleId :
 DUSO-WC-001

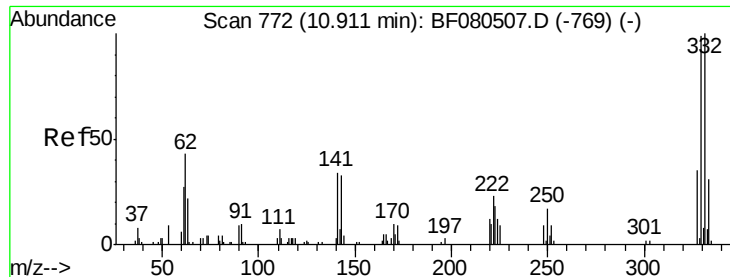
Tgt Ion: 82 Resp: 121306
 Ion Ratio Lower Upper
 82 100
 128 45.1 51.0 76.6#
 54 50.2 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF080519.D
 Acq: 16 Jul 2015 19:46

Tgt Ion:164 Resp: 35895
 Ion Ratio Lower Upper
 164 100
 162 105.8 75.2 112.8
 160 45.8 31.5 47.3

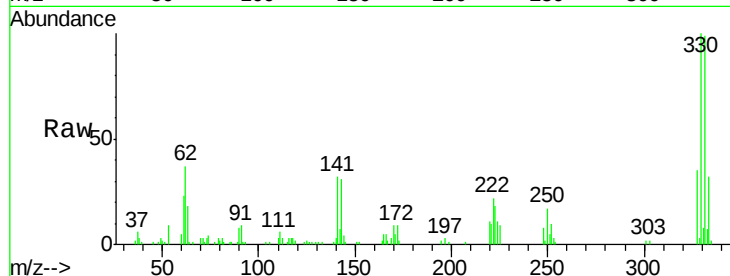




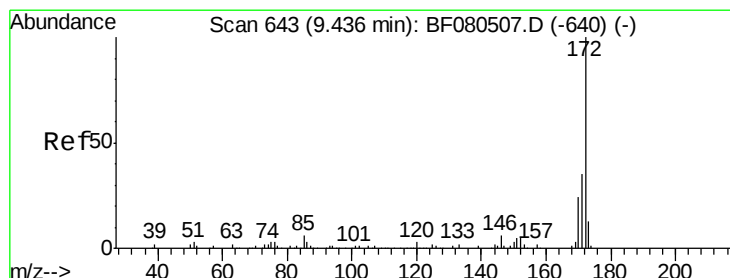
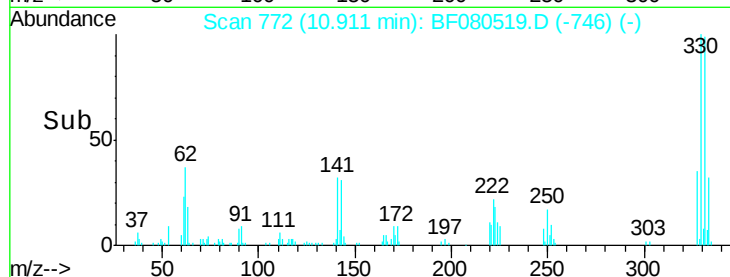
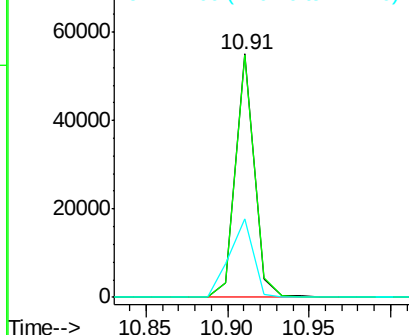
#41
 2,4,6-Tribromophenol
 Concen: 155.35 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF080519.D
 Acq: 16 Jul 2015 19:46

Instrument :
 BNA_F
 ClientSampleId :
 DUSO-WC-001

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.6	114.8
141	41.1	29.7	44.5

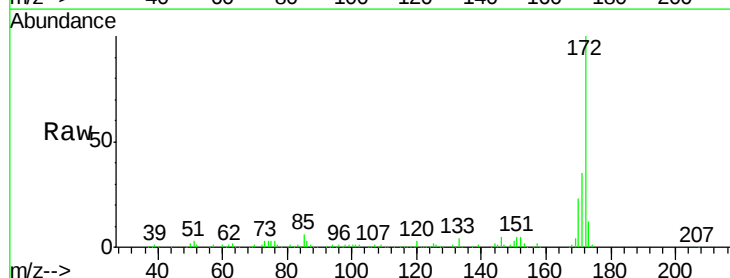


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

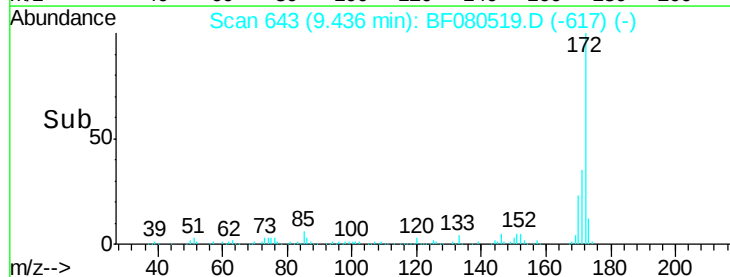
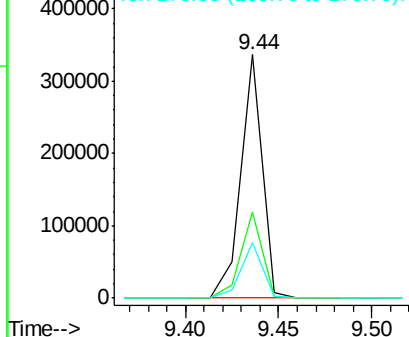


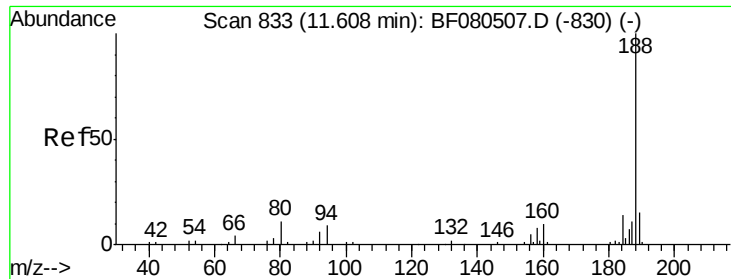
#44
 2-Fluorobiphenyl
 Concen: 102.34 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080519.D
 Acq: 16 Jul 2015 19:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	23.0	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

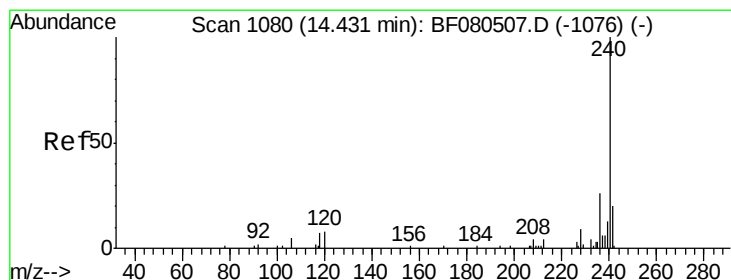
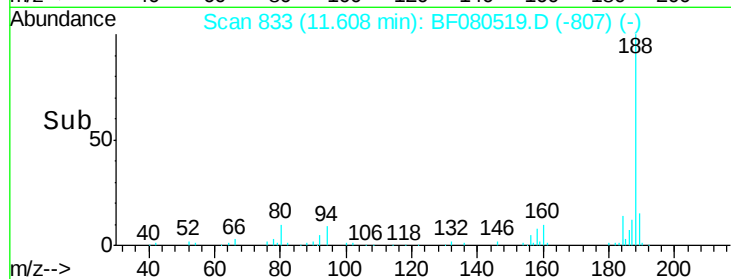
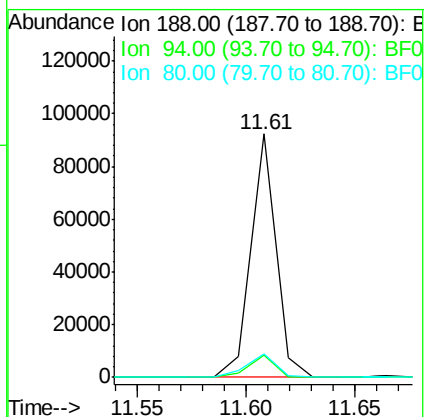
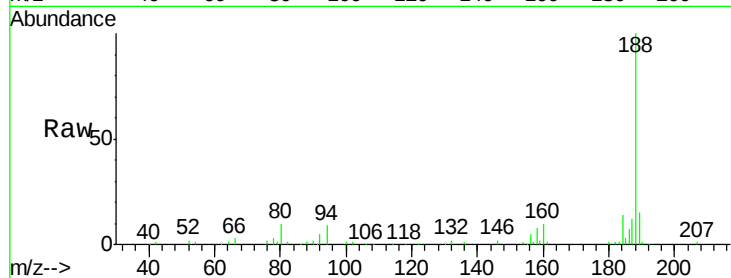




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.61 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF080519.D
Acq: 16 Jul 2015 19:46

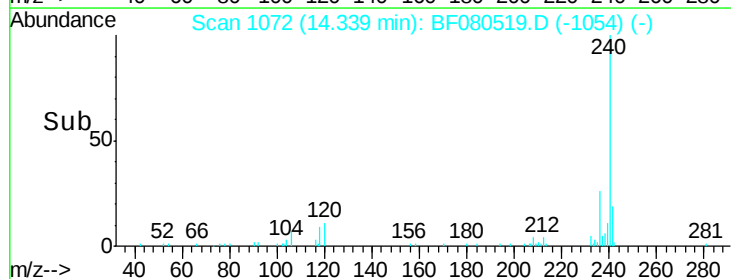
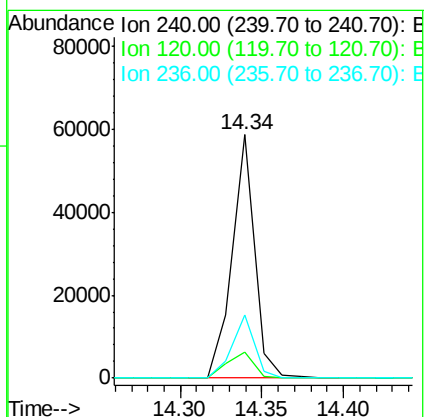
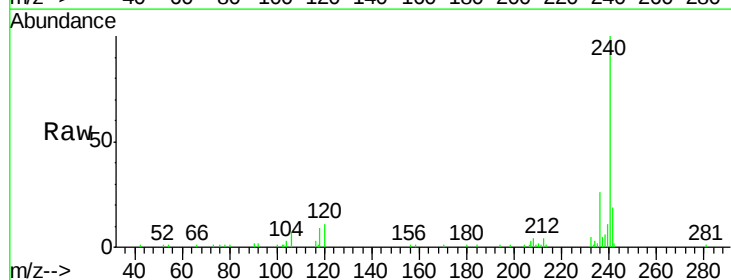
Instrument :
BNA_F
ClientSampleId :
DUSO-WC-001

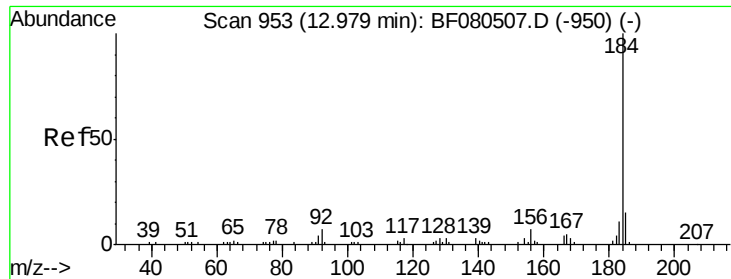
Tgt Ion:188 Resp: 73851
Ion Ratio Lower Upper
188 100
94 9.3 11.1 16.7#
80 9.8 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.34 min Scan# 1072
Delta R.T. -0.09 min
Lab File: BF080519.D
Acq: 16 Jul 2015 19:46

Tgt Ion:240 Resp: 55583
Ion Ratio Lower Upper
240 100
120 10.7 16.2 24.2#
236 25.9 18.4 27.6





#76

Benzidine

Concen: 5.74 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF080519.D

Acq: 16 Jul 2015 19:46

Instrument :

BNA_F

ClientSampleId :

DUSO-WC-001

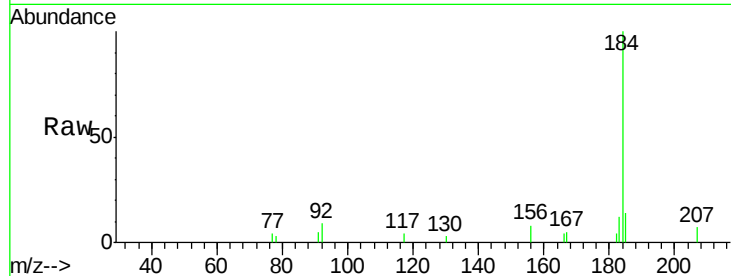
Tgt Ion:184 Resp: 10505

Ion Ratio Lower Upper

184 100

185 13.7 11.8 17.6

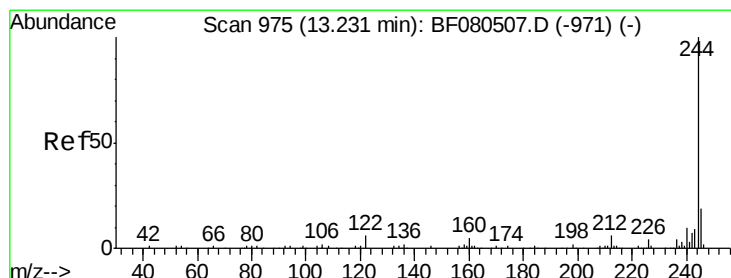
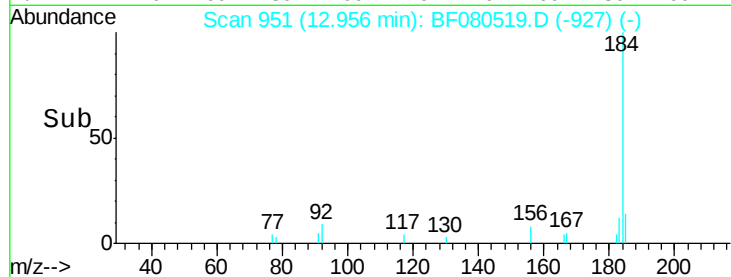
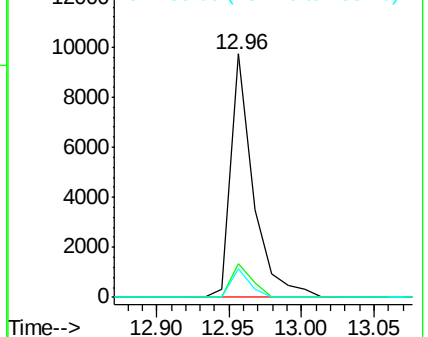
183 11.5 7.6 11.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 95.83 ng

RT: 13.20 min Scan# 972

Delta R.T. -0.03 min

Lab File: BF080519.D

Acq: 16 Jul 2015 19:46

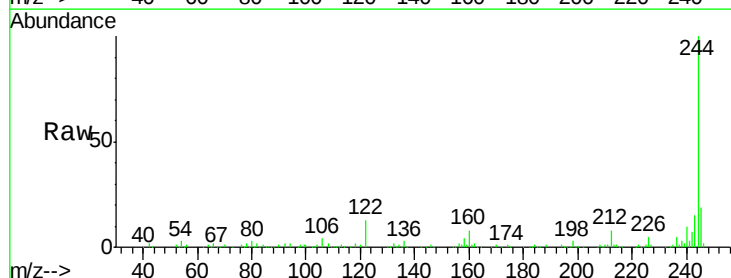
Tgt Ion:244 Resp: 256888

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

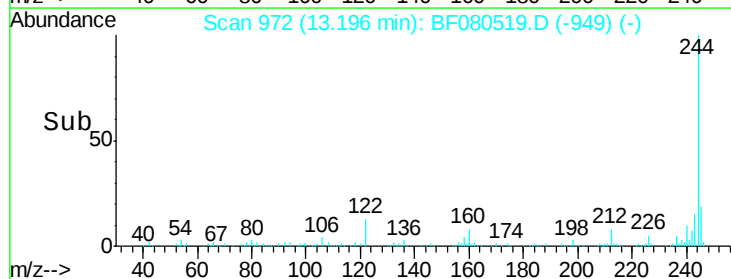
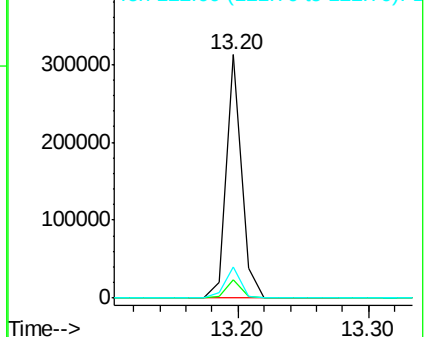
122 12.7 17.4 26.2#

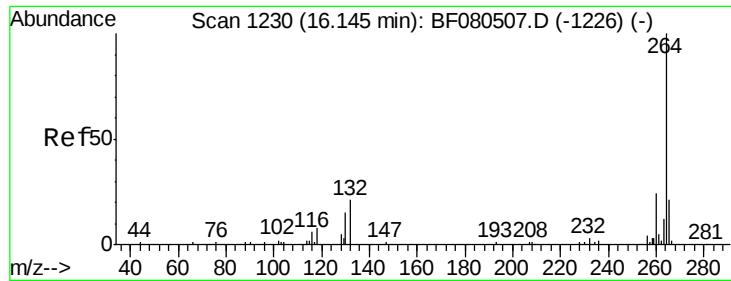


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.97 min Scan# 1215
Delta R.T. -0.17 min
Lab File: BF080519.D
Acq: 16 Jul 2015 19:46

Instrument :
BNA_F
ClientSampleId :
DUSO-WC-001

Tgt Ion: 264 Resp: 52573
Ion Ratio Lower Upper
264 100
260 22.8 16.7 25.1
265 20.6 17.2 25.8

