

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080527.D
 Acq On : 16 Jul 2015 23:39
 Operator : TP/UM
 Sample : G2951-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E2

Quant Time: Jul 17 07:38:23 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	28357	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	118602	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	54171	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	105434	20.00	ng	0.00
75) Chrysene-d12	14.35	240	78742	20.00	ng	-0.08
86) Perylene-d12	16.01	264	75723	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	149513	89.88	ng	0.01
7) Phenol-d6	6.72	99	197613	87.48	ng	0.00
23) Nitrobenzene-d5	7.64	82	126745	62.73	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	43749	103.80	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	271474	68.20	ng	0.00
78) Terphenyl-d14	13.21	244	245455	64.63	ng	-0.02

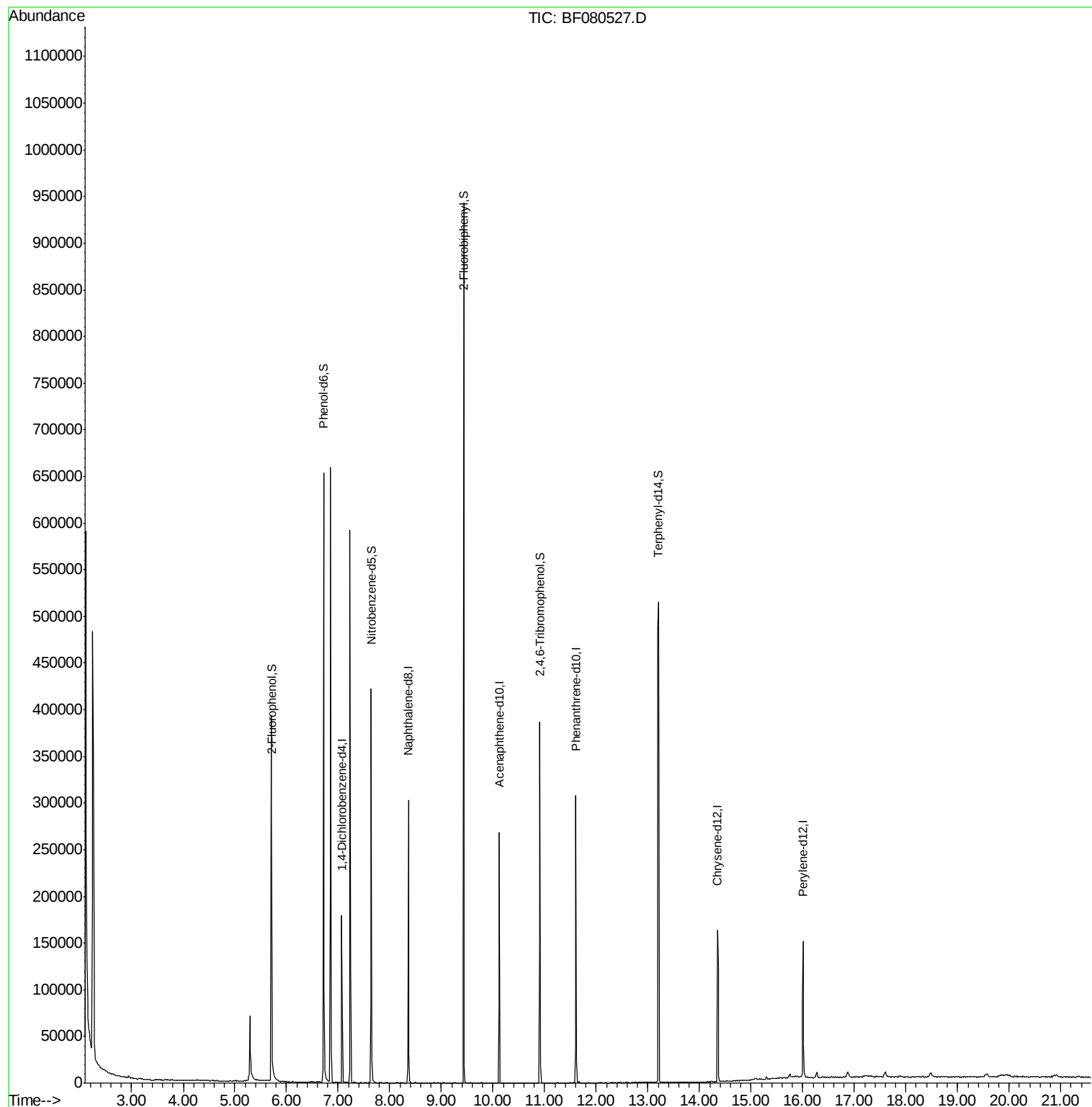
Target Compounds	Qvalue
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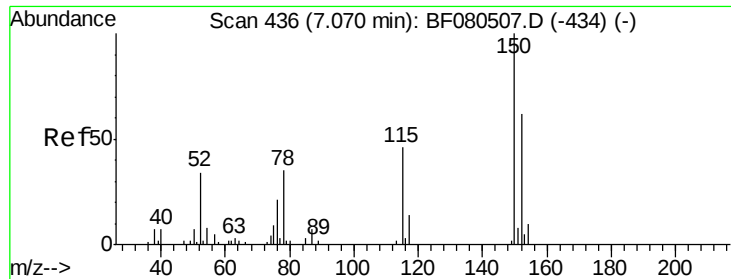
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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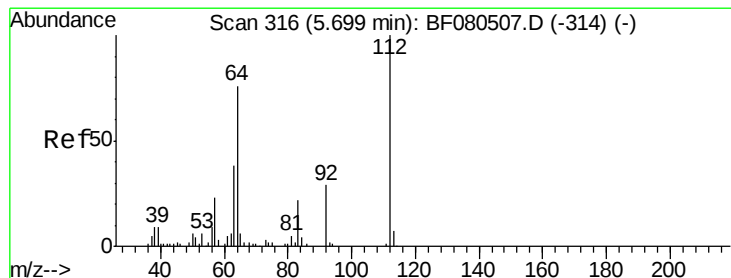
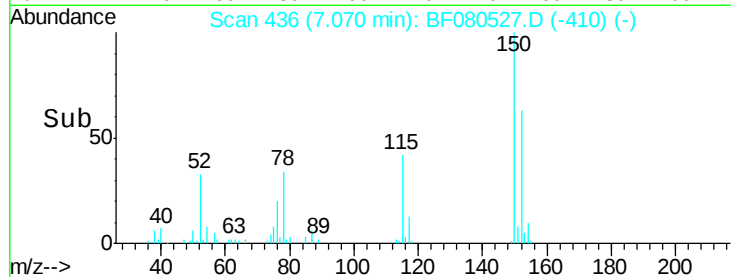
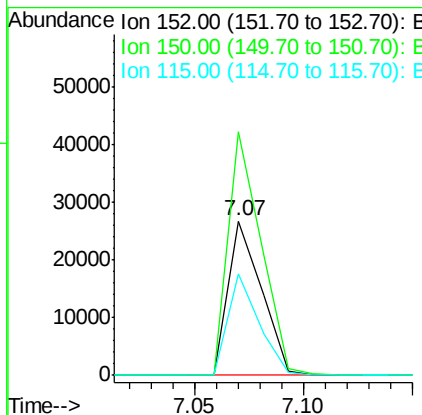
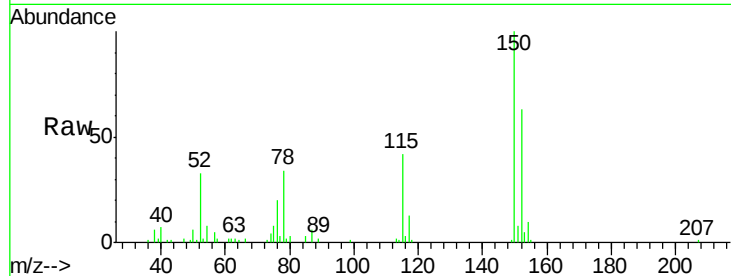


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080527.D
Acq: 16 Jul 2015 23:39

Instrument :
BNA_F
ClientSampled :
TEC-E2

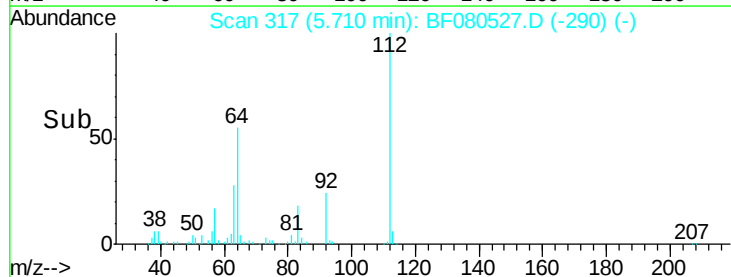
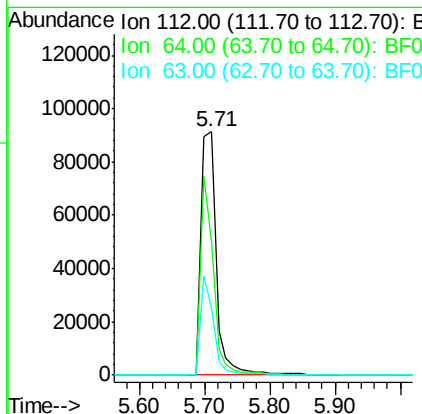
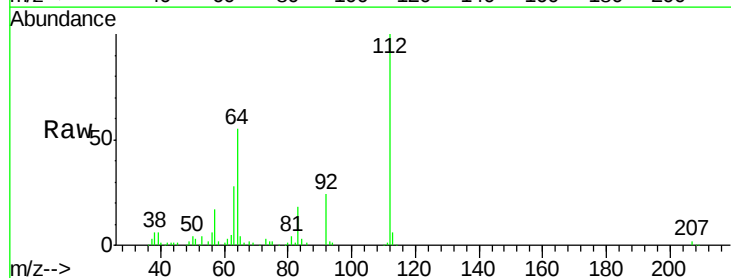
Tgt Ion:152 Resp: 28357
Ion Ratio Lower Upper
152 100
150 158.1 124.7 187.1
115 66.3 39.0 58.4#

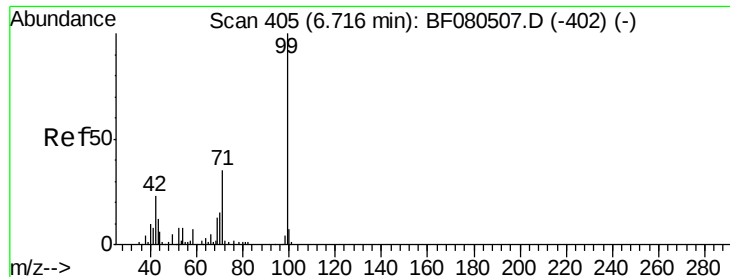


#5

2-Fluorophenol
Concen: 89.88 ng
RT: 5.71 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF080527.D
Acq: 16 Jul 2015 23:39

Tgt Ion:112 Resp: 149513
Ion Ratio Lower Upper
112 100
64 54.7 39.7 59.5
63 27.6 17.4 26.0#





#7

Phenol-d6

Concen: 87.48 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF080527.D

Acq: 16 Jul 2015 23:39

Instrument :

BNA_F

ClientSampleId :

TEC-E2

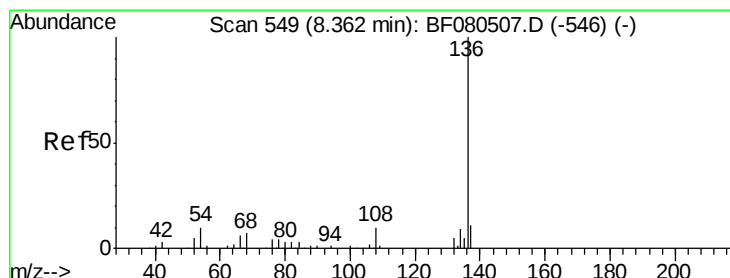
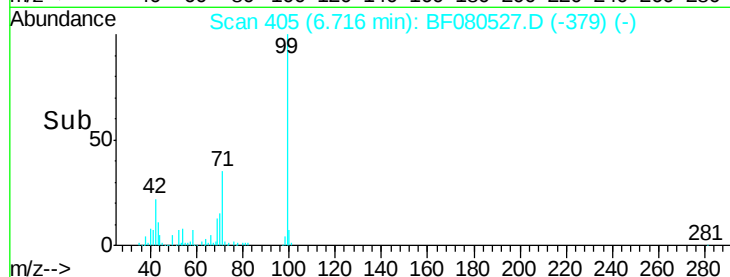
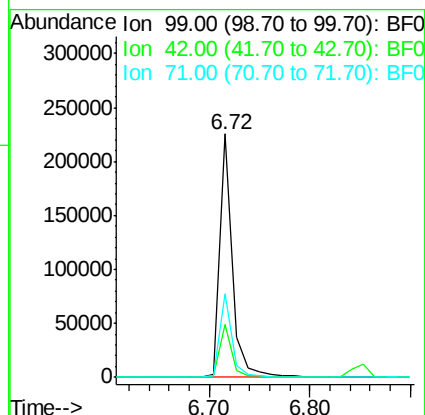
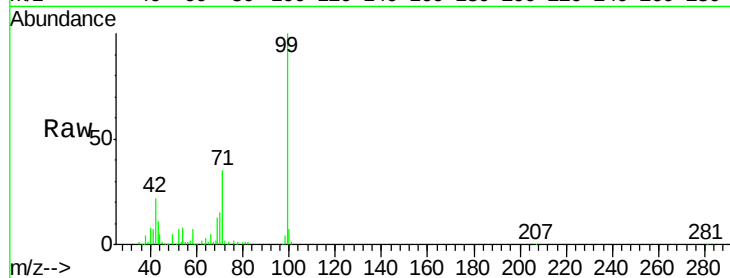
Tgt Ion: 99 Resp: 197613

Ion Ratio Lower Upper

99 100

42 21.7 13.7 20.5#

71 34.6 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.36 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF080527.D

Acq: 16 Jul 2015 23:39

Tgt Ion: 136 Resp: 118602

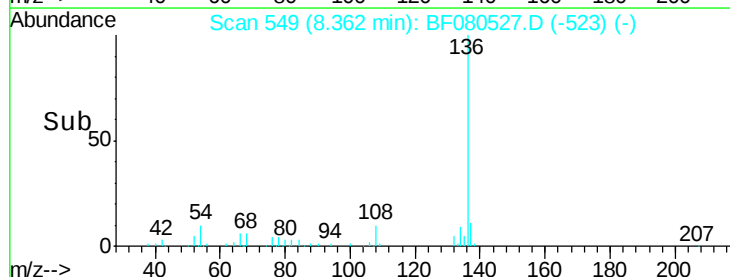
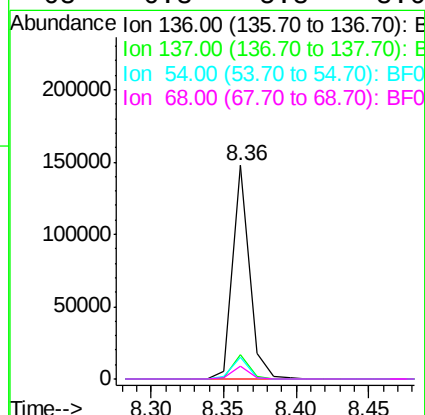
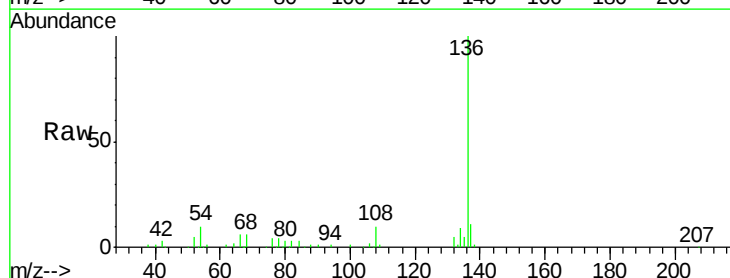
Ion Ratio Lower Upper

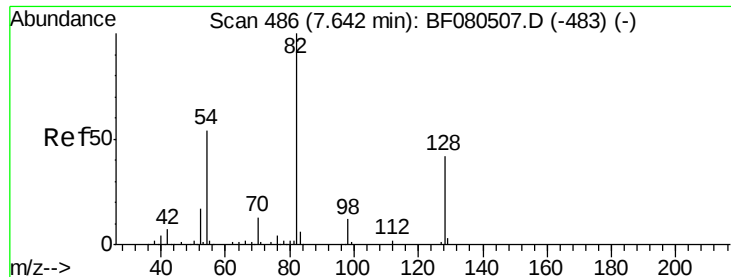
136 100

137 11.2 9.0 13.6

54 9.9 8.2 12.2

68 6.3 5.8 8.6

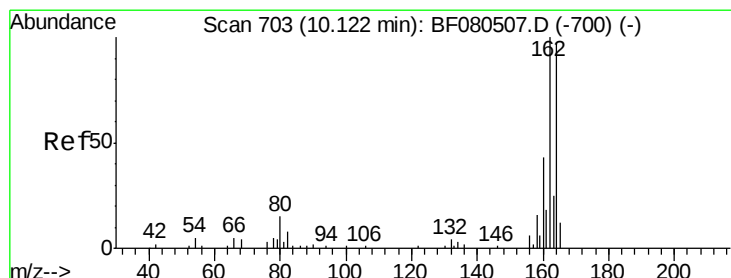
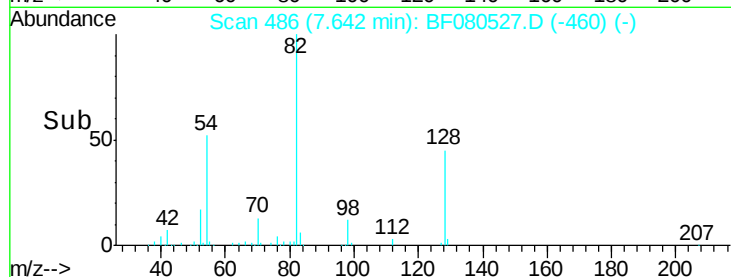
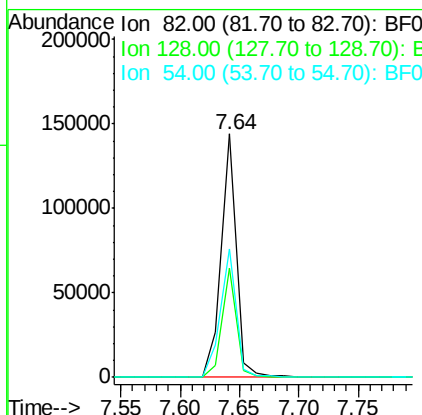
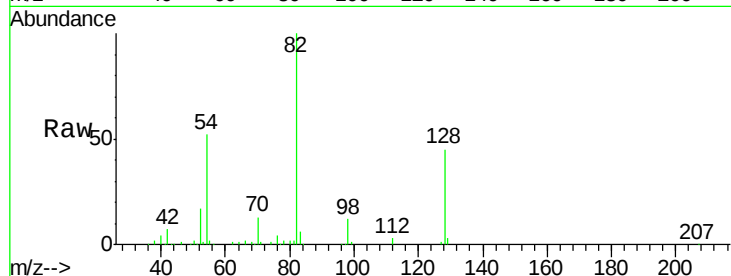




#23
 Nitrobenzene-d5
 Concen: 62.73 ng
 RT: 7.64 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF080527.D
 Acq: 16 Jul 2015 23:39

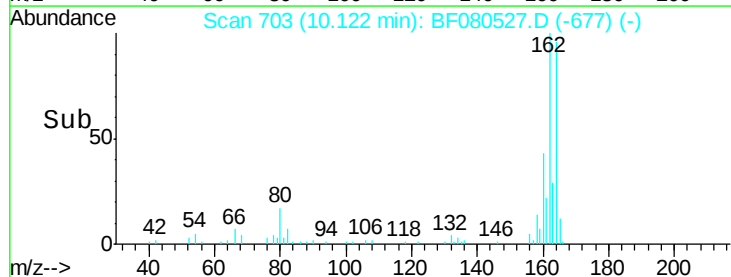
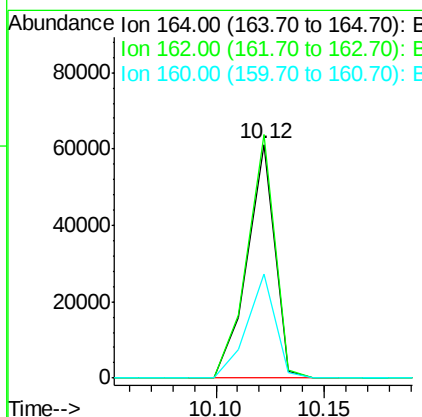
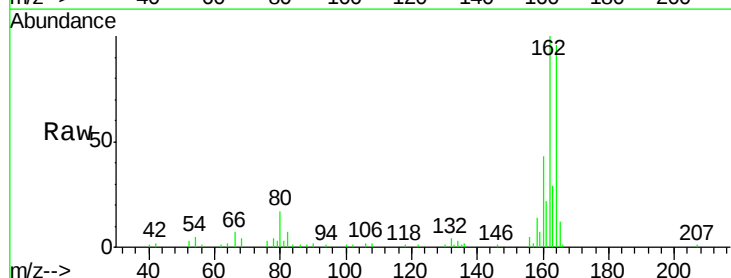
Instrument :
 BNA_F
 ClientSampleId :
 TEC-E2

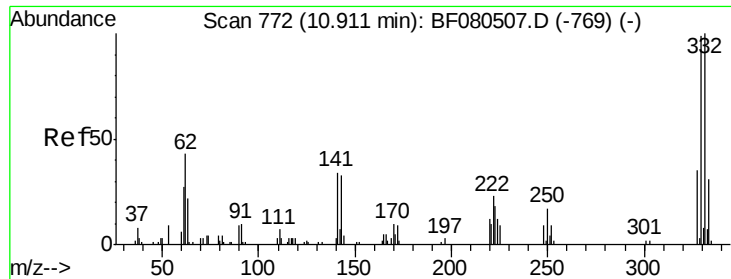
Tgt Ion: 82 Resp: 126745
 Ion Ratio Lower Upper
 82 100
 128 44.9 51.0 76.6#
 54 52.5 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF080527.D
 Acq: 16 Jul 2015 23:39

Tgt Ion: 164 Resp: 54171
 Ion Ratio Lower Upper
 164 100
 162 104.1 75.2 112.8
 160 44.6 31.5 47.3

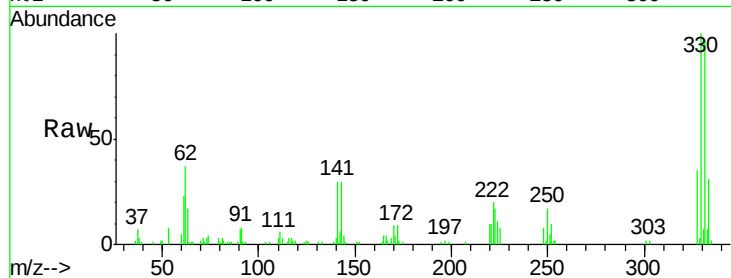




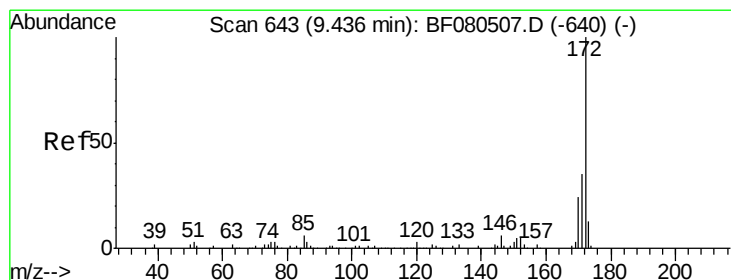
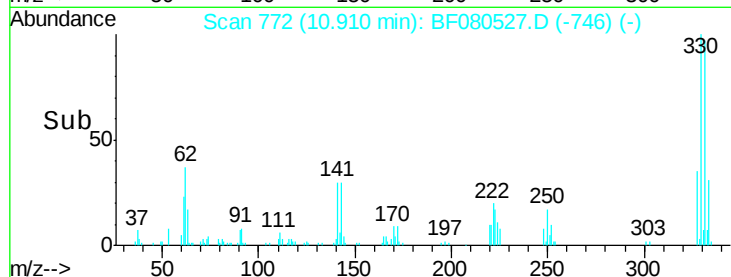
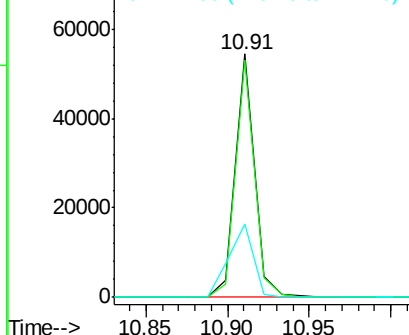
#41
 2,4,6-Tribromophenol
 Concen: 103.80 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF080527.D
 Acq: 16 Jul 2015 23:39

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E2

Tgt Ion:330 Resp: 43749
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 38.4 29.7 44.5

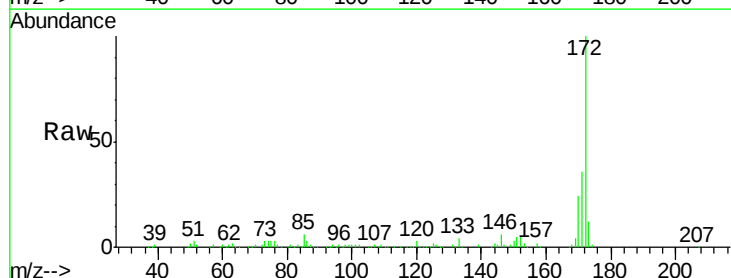


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

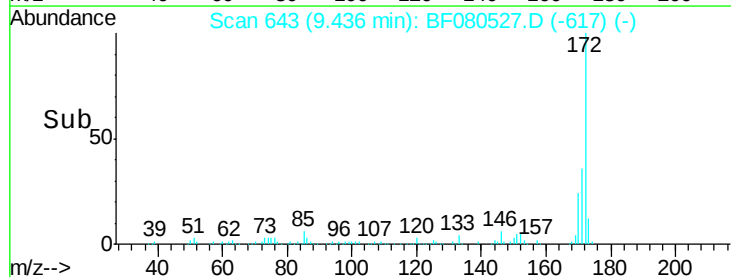
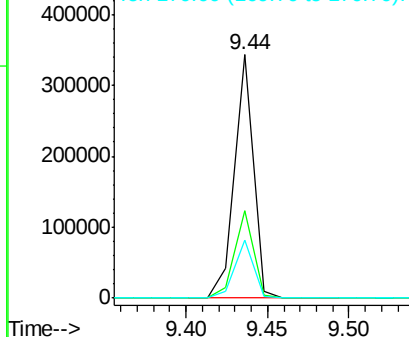


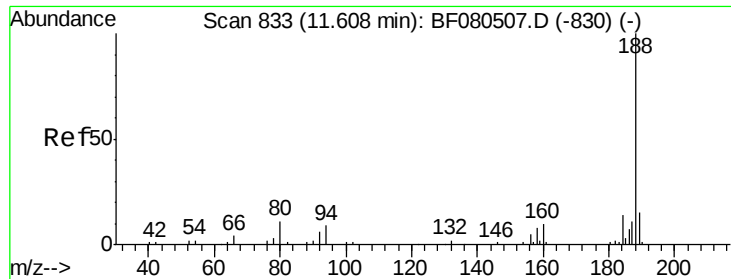
#44
 2-Fluorobiphenyl
 Concen: 68.20 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080527.D
 Acq: 16 Jul 2015 23:39

Tgt Ion:172 Resp: 271474
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 23.8 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

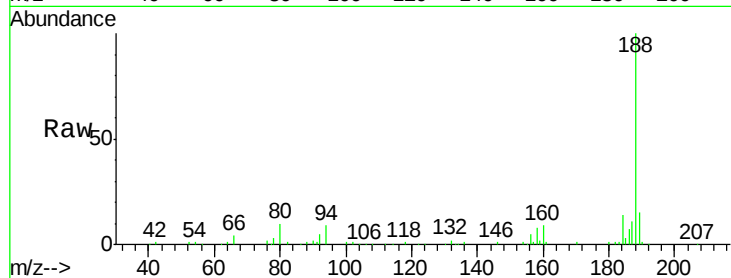




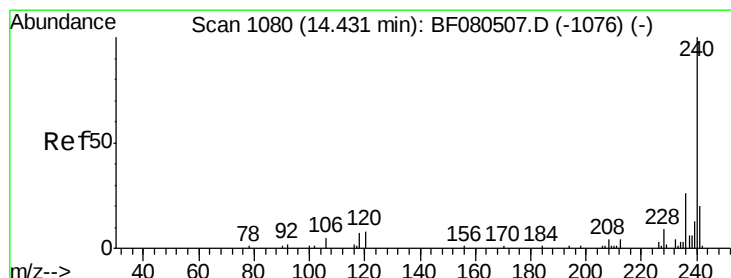
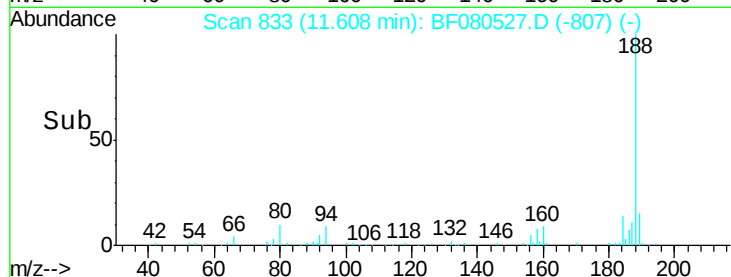
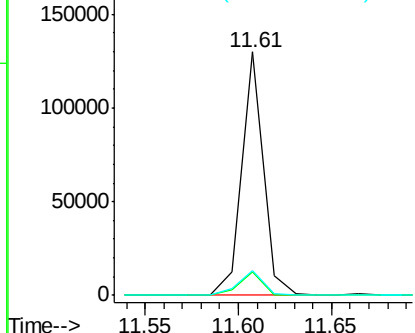
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF080527.D
 Acq: 16 Jul 2015 23:39

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E2

Tgt Ion:188 Resp: 105434
 Ion Ratio Lower Upper
 188 100
 94 9.5 11.1 16.7#
 80 10.2 11.0 16.4#

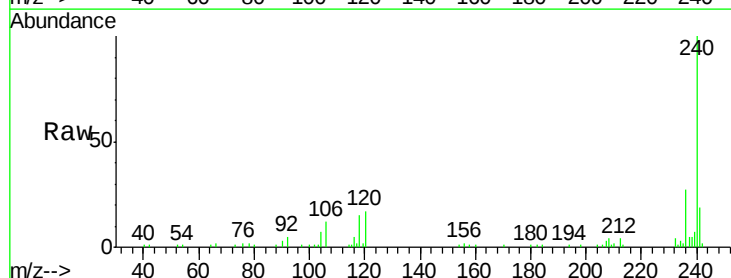


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

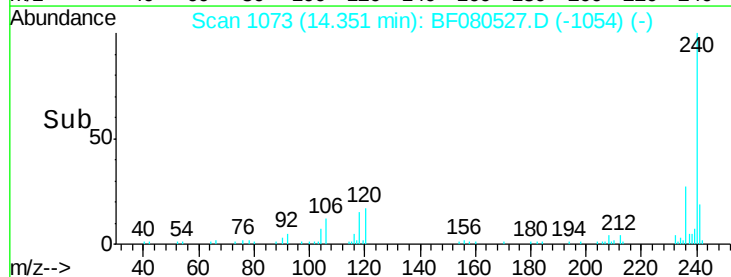
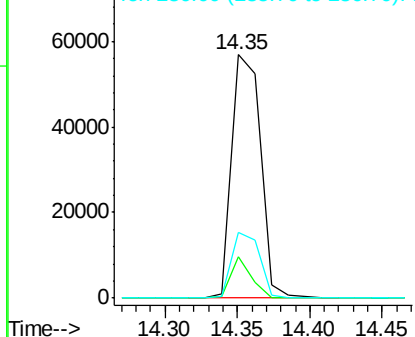


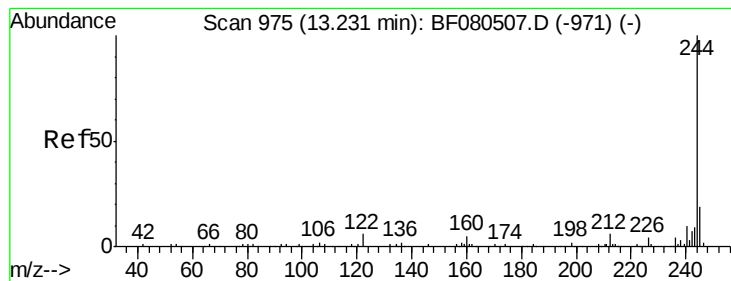
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1073
 Delta R.T. -0.08 min
 Lab File: BF080527.D
 Acq: 16 Jul 2015 23:39

Tgt Ion:240 Resp: 78742
 Ion Ratio Lower Upper
 240 100
 120 16.8 16.2 24.2
 236 26.8 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: 64.63 ng

RT: 13.21 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF080527.D

Acq: 16 Jul 2015 23:39

Instrument :

BNA_F

ClientSampled :

TEC-E2

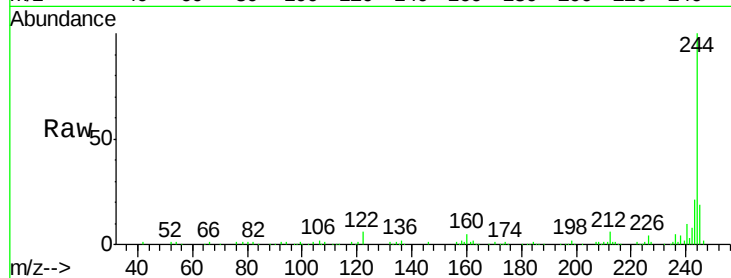
Tgt Ion:244 Resp: 245455

Ion Ratio Lower Upper

244 100

212 6.2 4.3 6.5

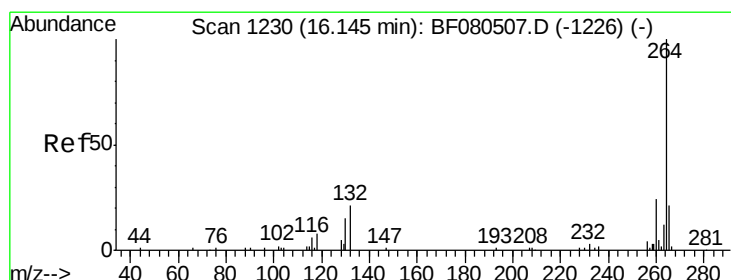
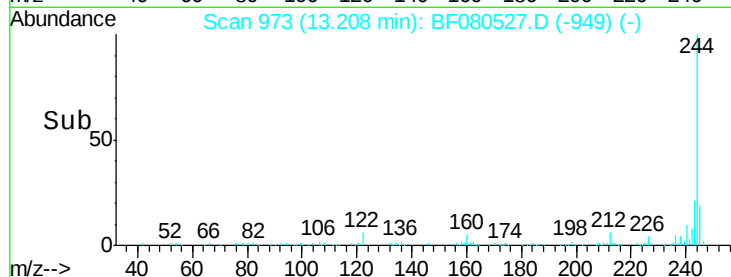
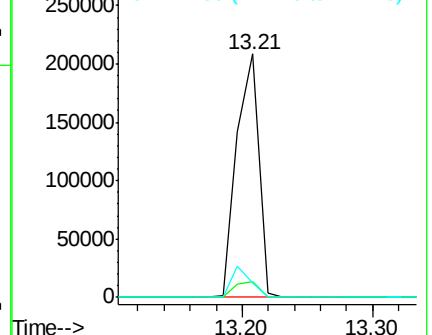
122 6.1 17.4 26.2#



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: 16.01 min Scan# 1218

Delta R.T. -0.14 min

Lab File: BF080527.D

Acq: 16 Jul 2015 23:39

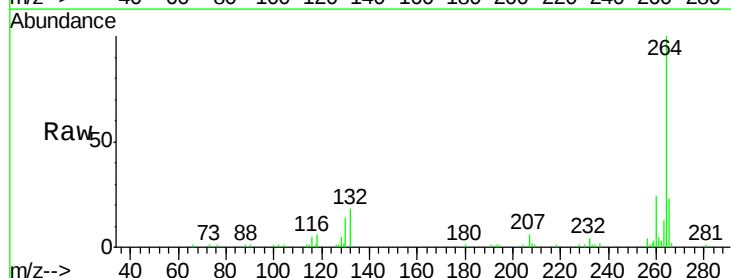
Tgt Ion:264 Resp: 75723

Ion Ratio Lower Upper

264 100

260 24.1 16.7 25.1

265 22.7 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

