

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080516.D
 Acq On : 16 Jul 2015 18:18
 Operator : TP/UM
 Sample : G2982-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DGA-SITE-04RE

Quant Time: Jul 17 05:41:02 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

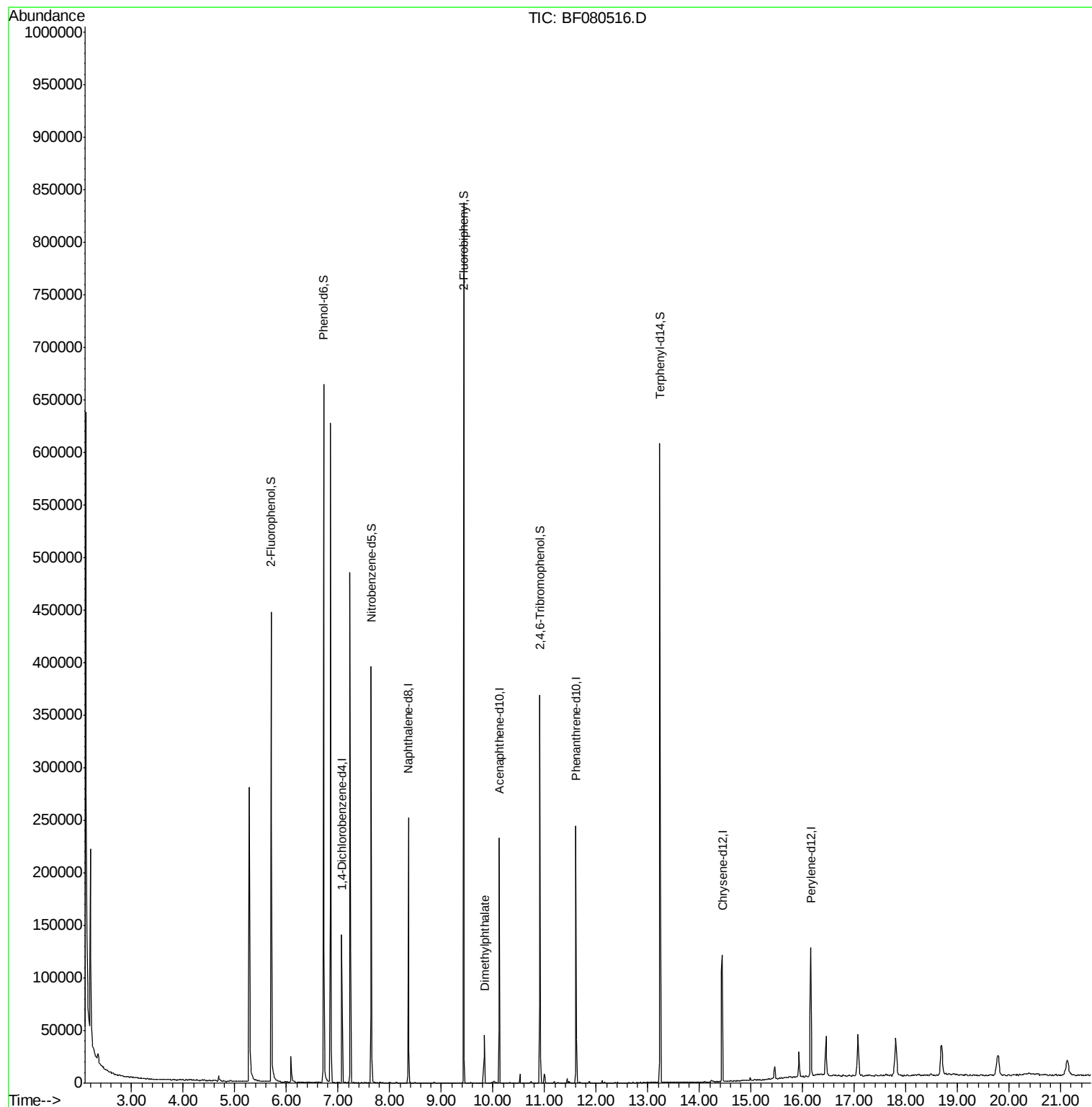
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	23014	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	98884	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	44138	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	84277	20.00	ng	0.00
75) Chrysene-d12	14.44	240	64101	20.00	ng	0.01
86) Perylene-d12	16.16	264	62455	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	144507	107.04	ng	0.00
7) Phenol-d6	6.72	99	202088	110.24	ng	0.00
23) Nitrobenzene-d5	7.64	82	117507	69.75	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	35547	103.51	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	234307	72.24	ng	0.00
78) Terphenyl-d14	13.23	244	199231	64.44	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.84	163	25037	8.27	ng	Qvalue # 97

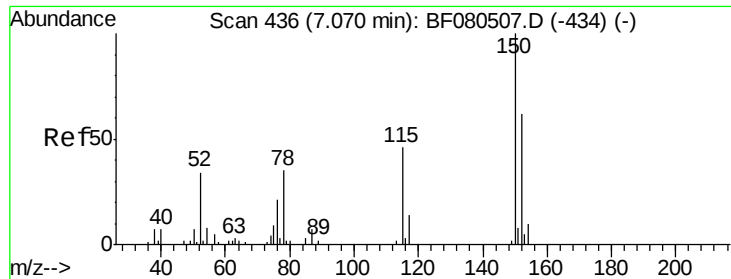
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

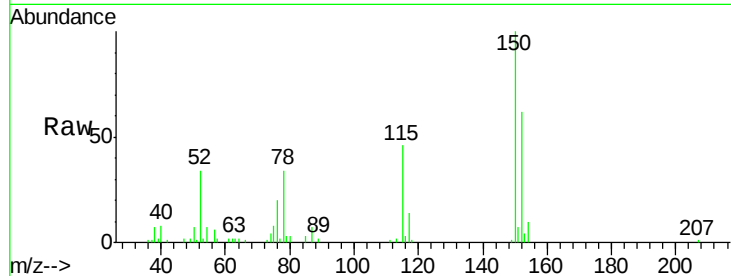
Tgt Ion:152 Resp: 23014

Ion Ratio Lower Upper

152 100

150 162.2 124.7 187.1

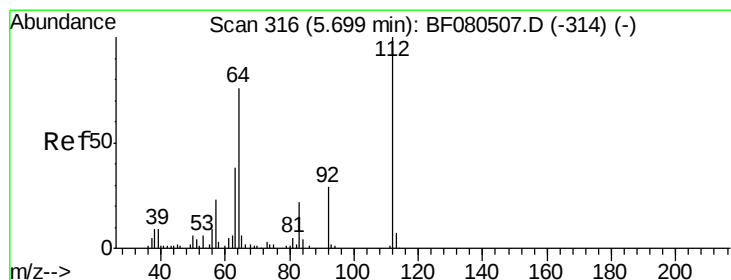
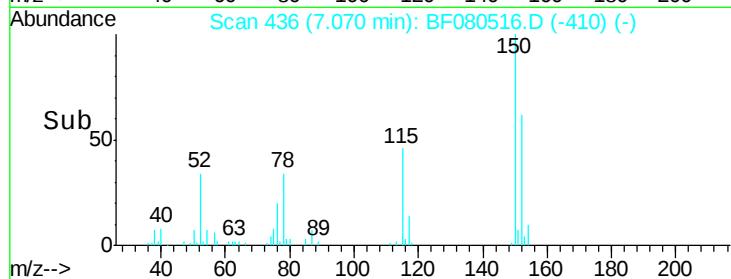
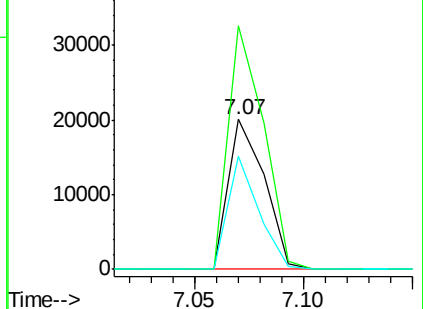
115 75.0 39.0 58.4#



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: 107.04 ng

RT: 5.70 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

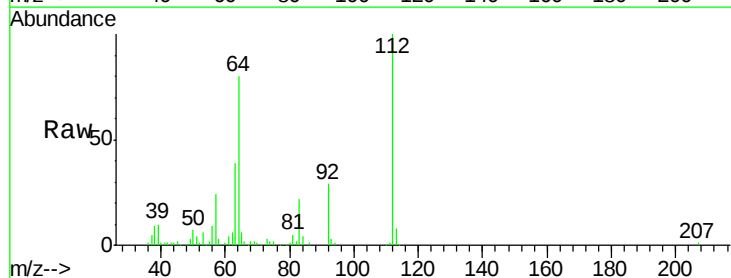
Tgt Ion:112 Resp: 144507

Ion Ratio Lower Upper

112 100

64 79.5 39.7 59.5#

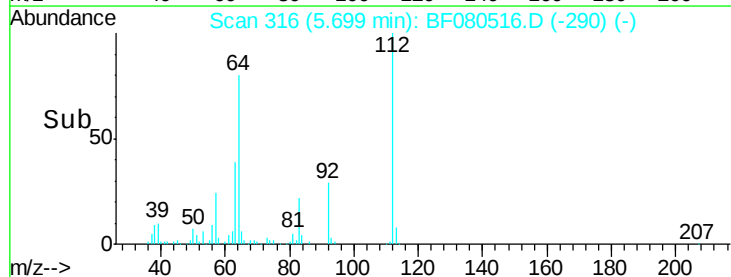
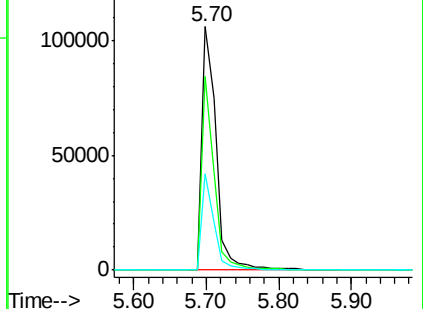
63 39.4 17.4 26.0#

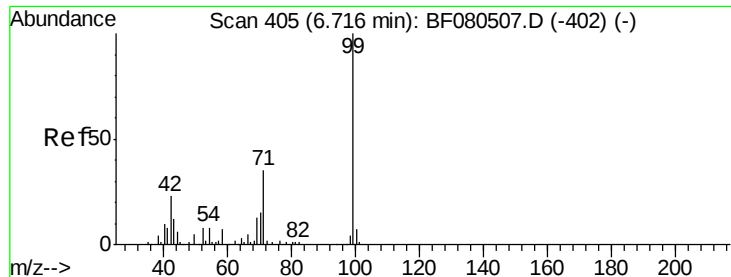


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.24 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

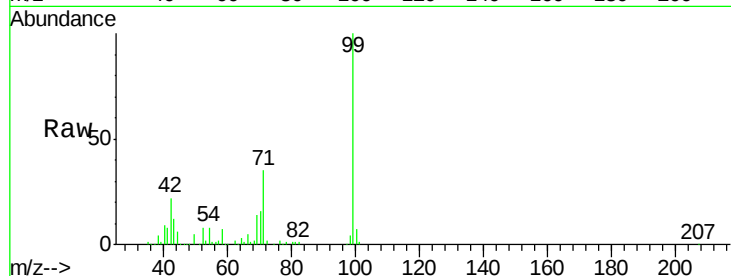
Tgt Ion: 99 Resp: 202088

Ion Ratio Lower Upper

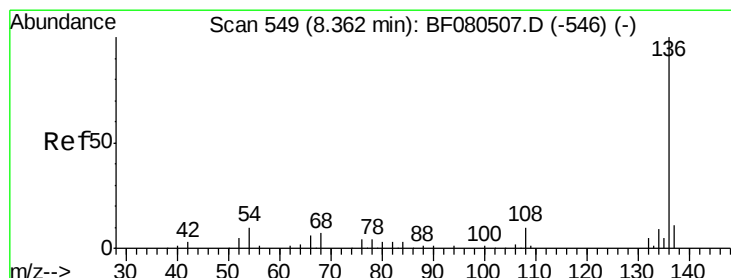
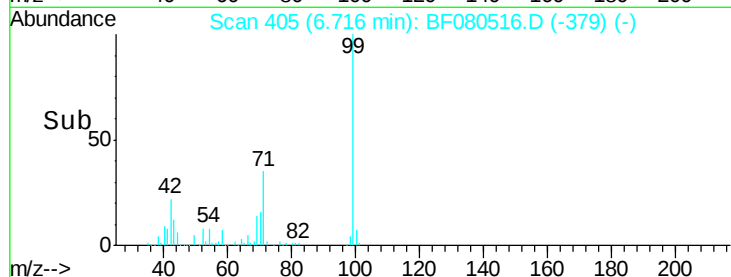
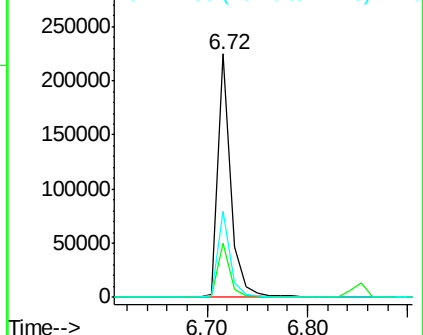
99 100

42 22.5 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: BF080516.D

Acq: 16 Jul 2015 18:18

Tgt Ion: 136 Resp: 98884

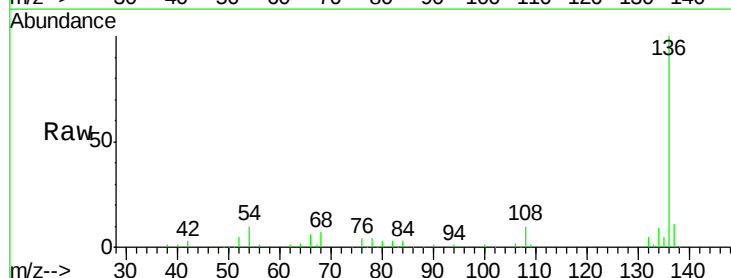
Ion Ratio Lower Upper

136 100

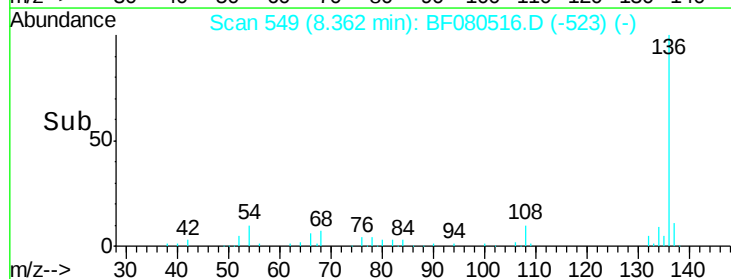
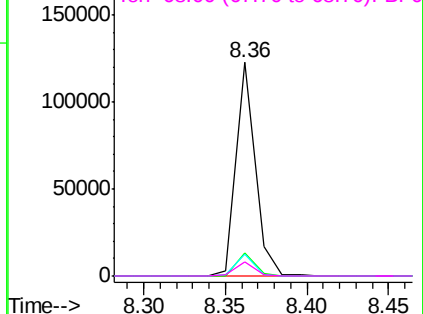
137 10.9 9.0 13.6

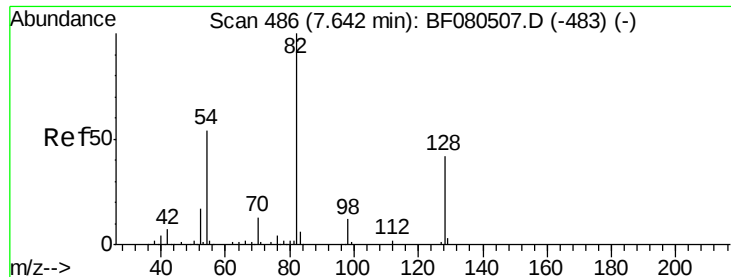
54 10.3 8.2 12.2

68 6.6 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

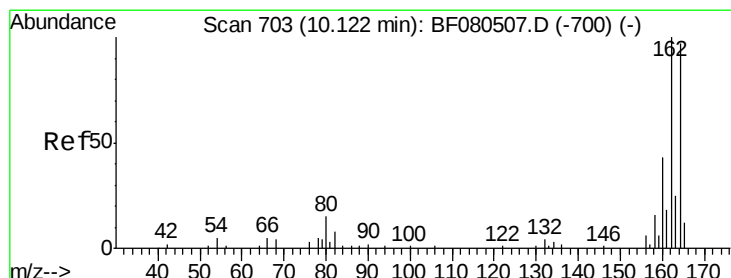
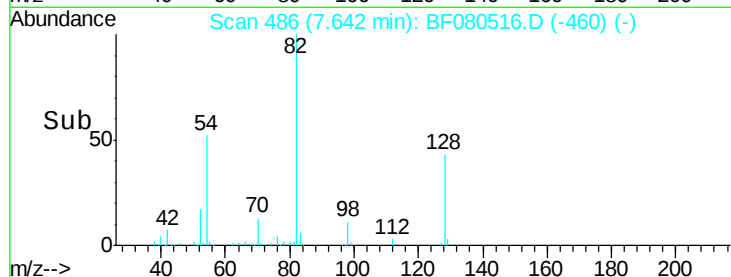
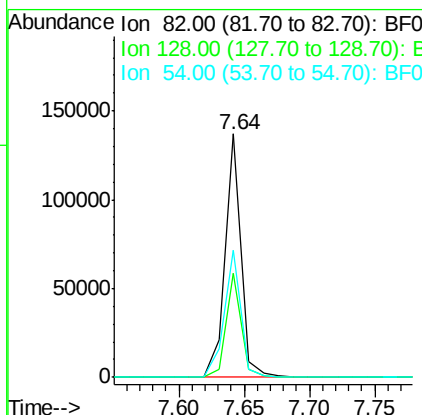
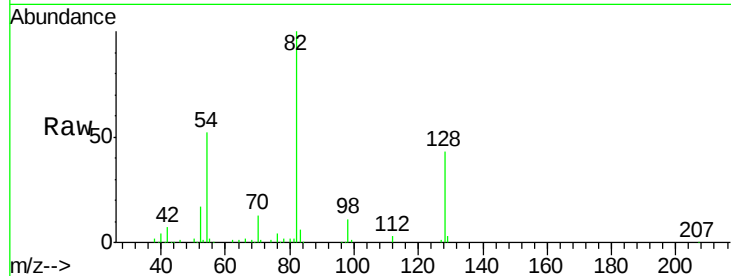




#23
 Nitrobenzene-d5
 Concen: 69.75 ng
 RT: 7.64 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF080516.D
 Acq: 16 Jul 2015 18:18

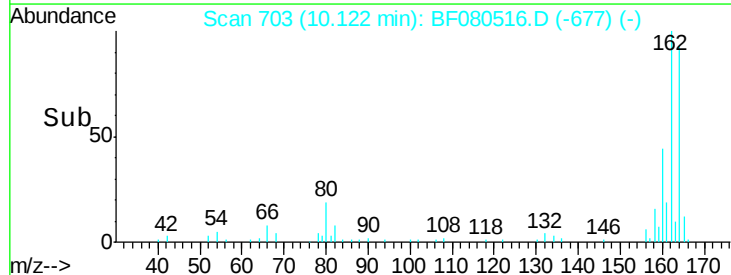
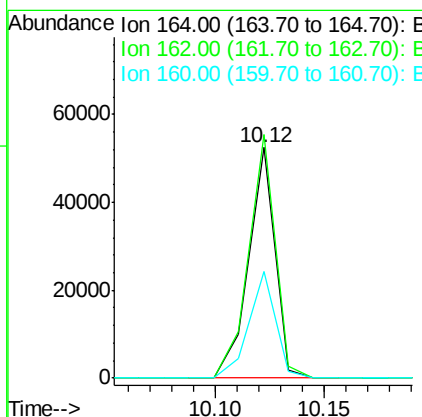
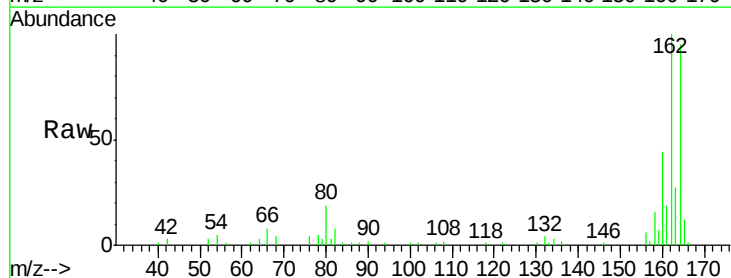
Instrument :
 BNA_F
 ClientSampleId :
 DGA-SITE-04RE

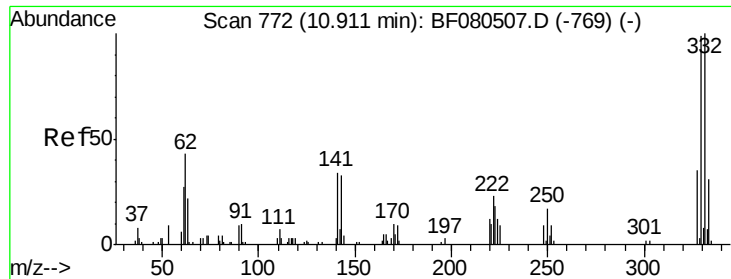
Tgt Ion: 82 Resp: 117507
 Ion Ratio Lower Upper
 82 100
 128 42.7 51.0 76.6#
 54 52.3 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080516.D
 Acq: 16 Jul 2015 18:18

Tgt Ion: 164 Resp: 44138
 Ion Ratio Lower Upper
 164 100
 162 105.6 75.2 112.8
 160 46.1 31.5 47.3

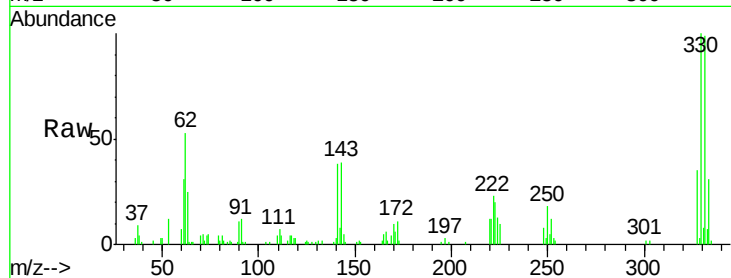




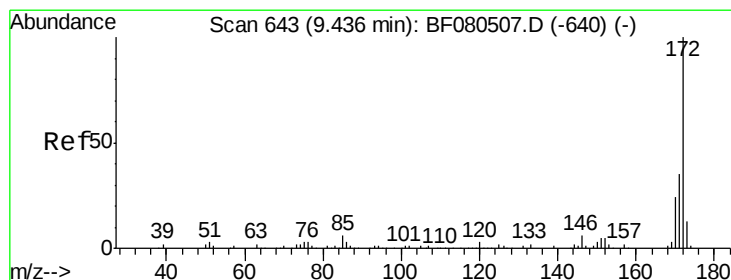
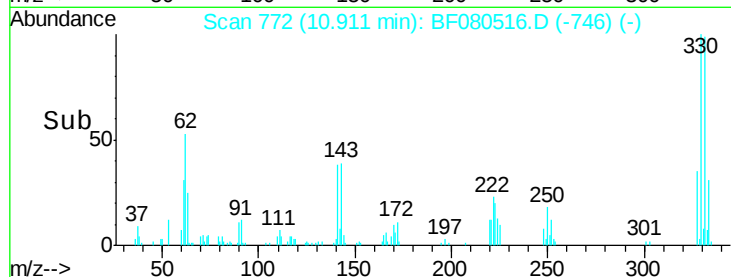
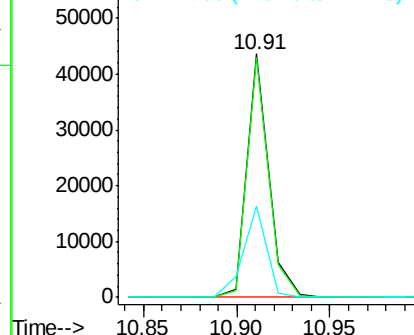
#41
 2,4,6-Tribromophenol
 Concen: 103.51 ng
 RT: 10.91 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF080516.D
 Acq: 16 Jul 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :
 DGA-SITE-04RE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	40.2	29.7	44.5

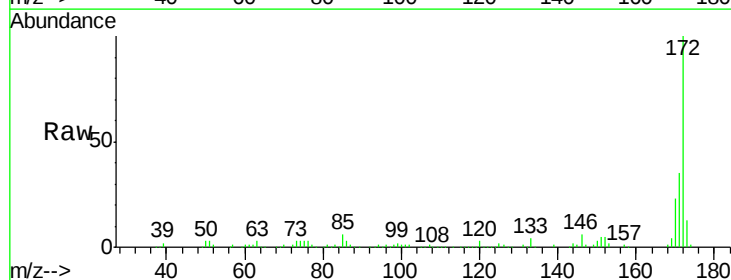


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

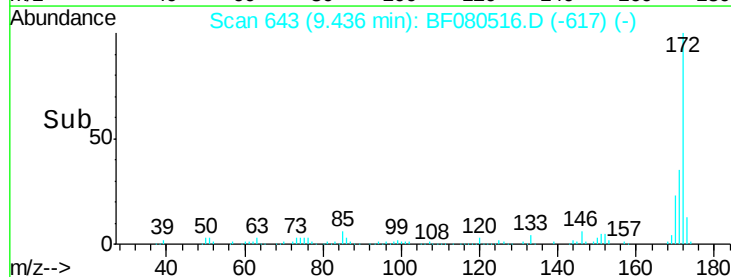
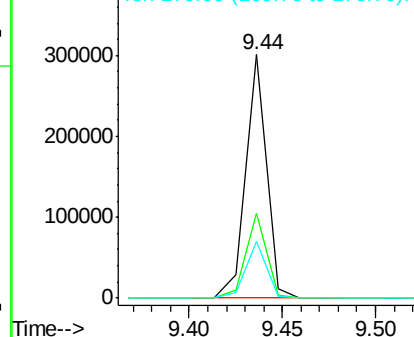


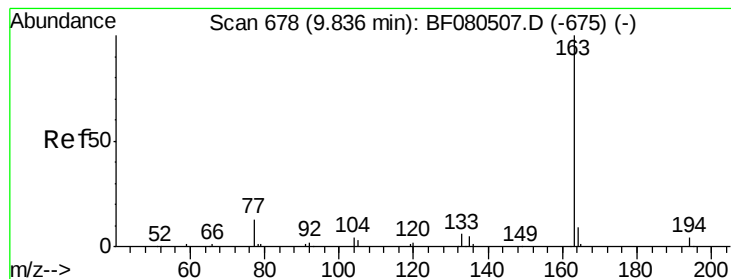
#44
 2-Fluorobiphenyl
 Concen: 72.24 ng
 RT: 9.44 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF080516.D
 Acq: 16 Jul 2015 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.3	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





#49

Dimethylphthalate

Concen: 8.27 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

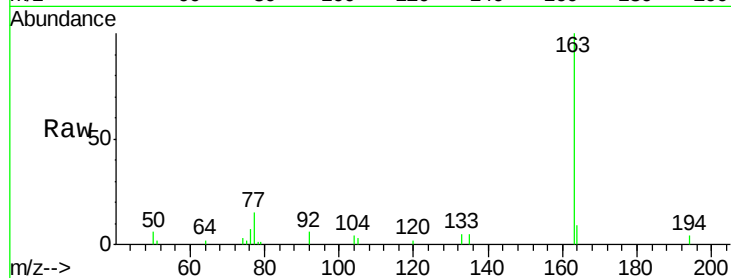
Tgt Ion:163 Resp: 25037

Ion Ratio Lower Upper

163 100

194 4.2 4.4 6.6#

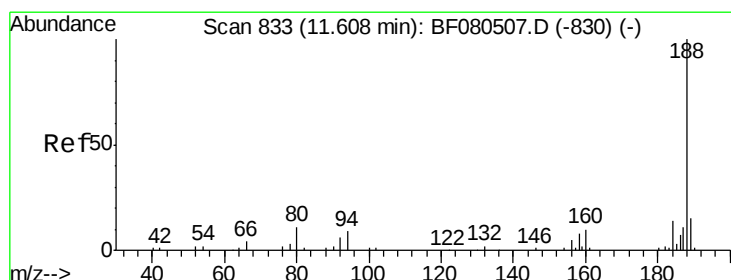
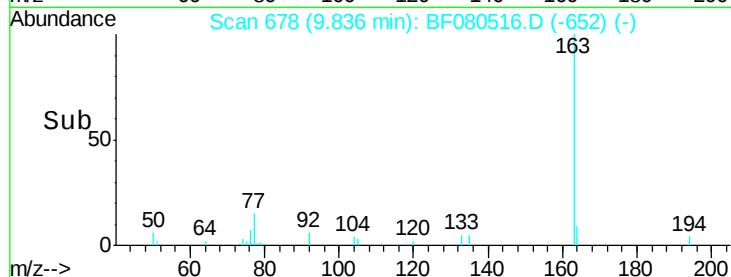
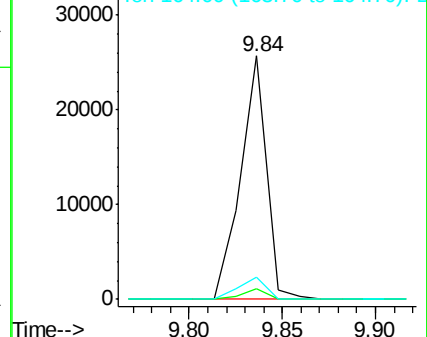
164 9.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

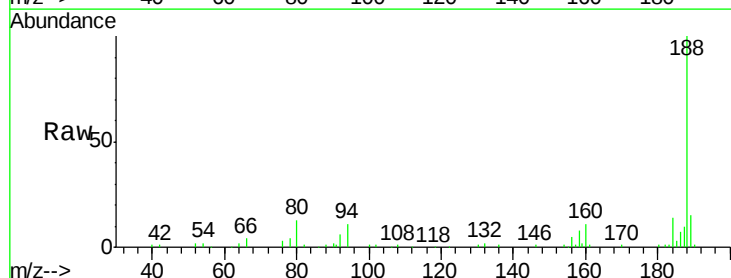
Tgt Ion:188 Resp: 84277

Ion Ratio Lower Upper

188 100

94 10.8 11.1 16.7#

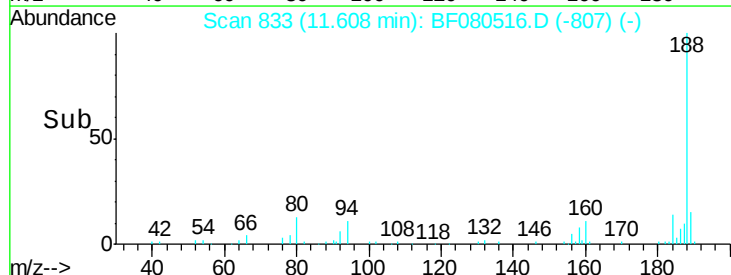
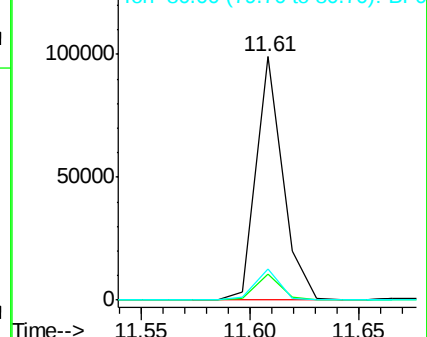
80 12.5 11.0 16.4

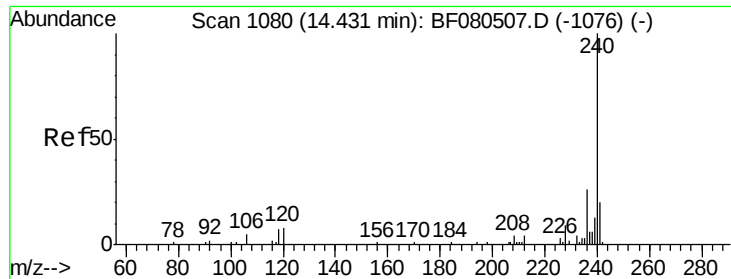


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

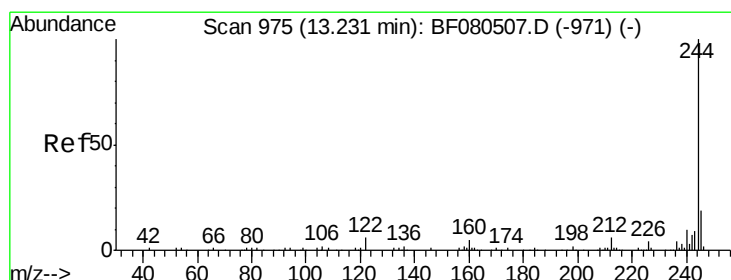
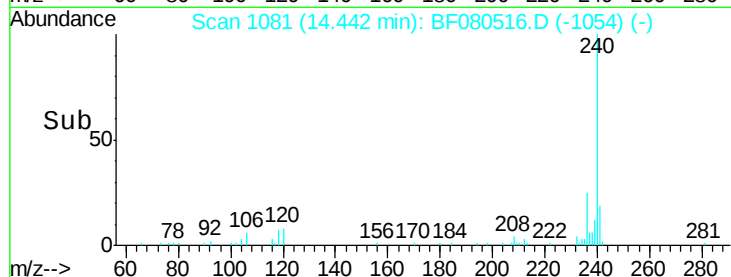
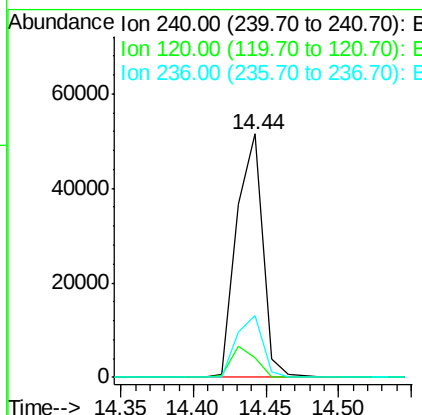
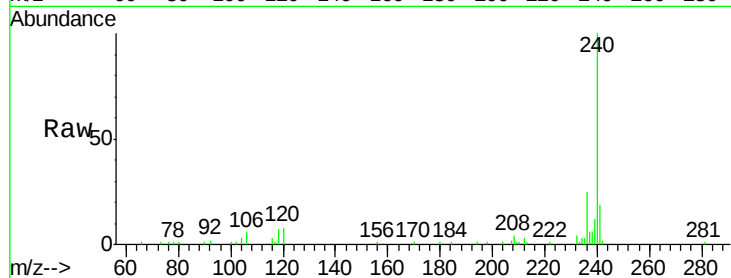




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BF080516.D
 Acq: 16 Jul 2015 18:18

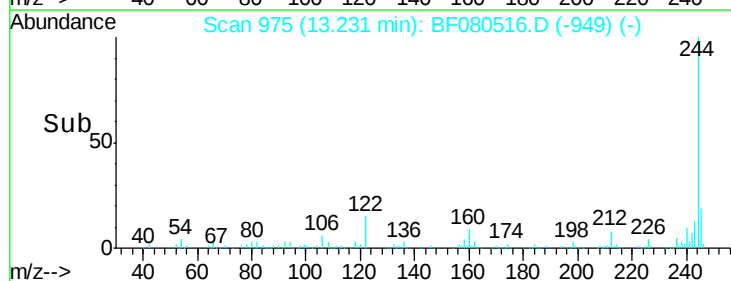
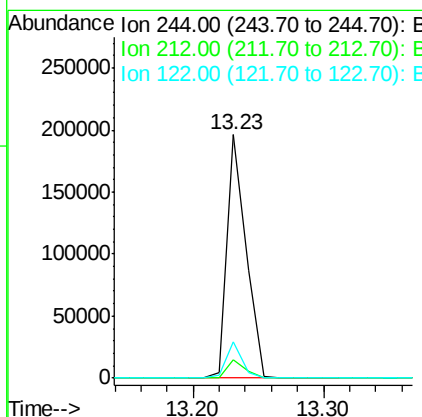
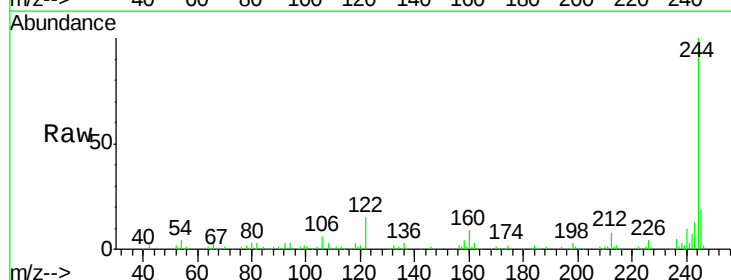
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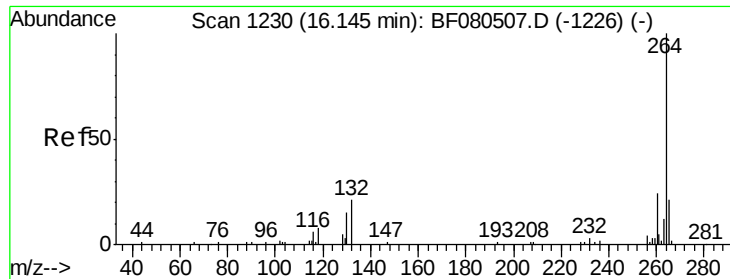
Tgt Ion:240 Resp: 64101
 Ion Ratio Lower Upper
 240 100
 120 7.9 16.2 24.2#
 236 25.3 18.4 27.6



#78
 Terphenyl-d14
 Concen: 64.44 ng
 RT: 13.23 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF080516.D
 Acq: 16 Jul 2015 18:18

Tgt Ion:244 Resp: 199231
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 14.9 17.4 26.2#

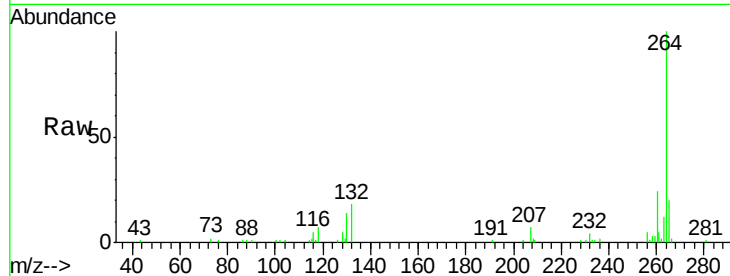




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF080516.D
Acq: 16 Jul 2015 18:18

Instrument :
BNA_F
ClientSampleId :
DGA-SITE-04RE

Tgt Ion: 264 Resp: 62455
Ion Ratio Lower Upper
264 100
260 23.8 16.7 25.1
265 20.2 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

