

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090095.D
 Acq On : 15 Sep 2016 16:51
 Operator : UM/SJ
 Sample : H4780-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WM-184-SW

Quant Time: Sep 16 01:03:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

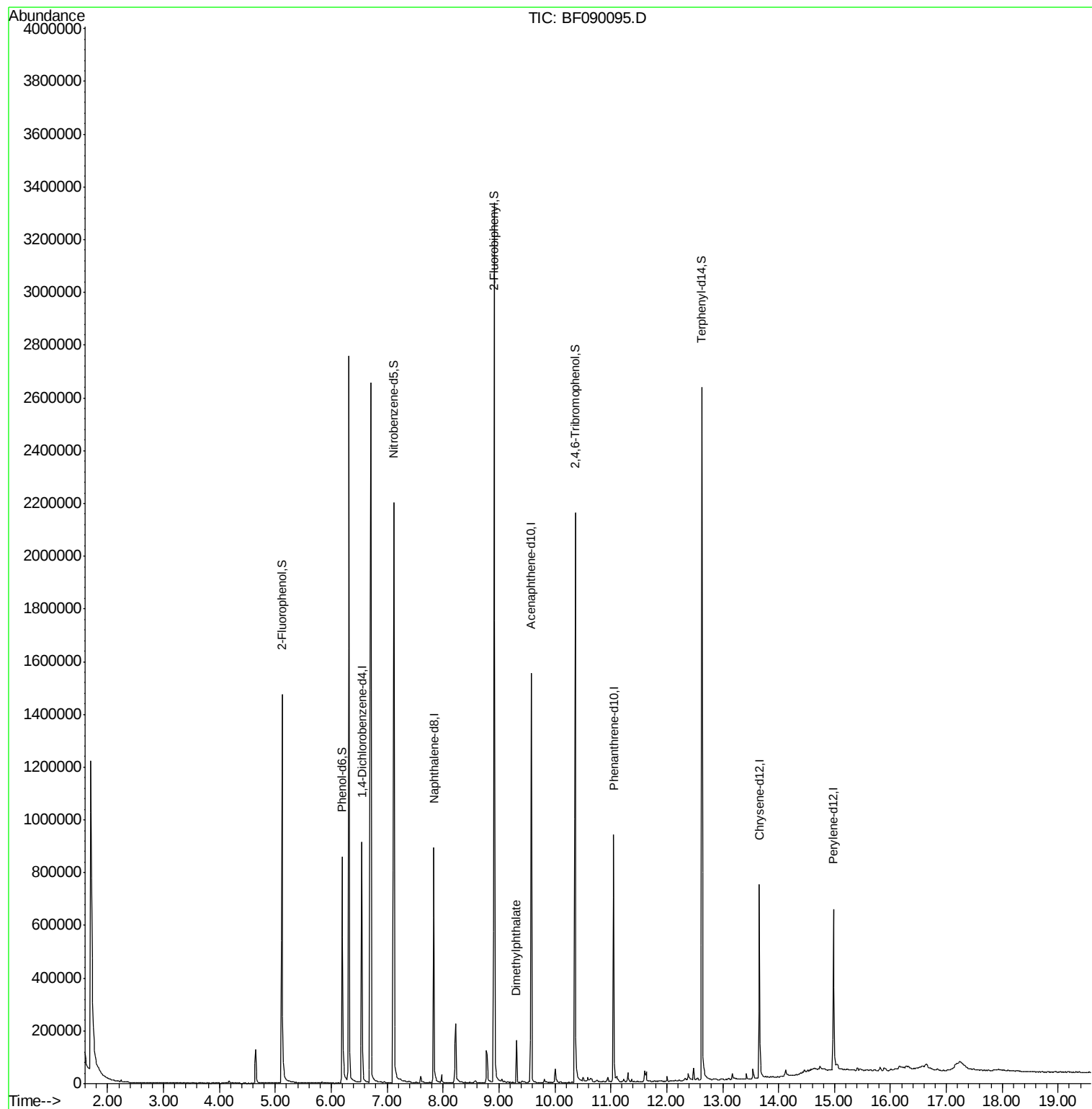
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	148448	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	595029	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	316736	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	503290	20.00	ng	0.00
75) Chrysene-d12	13.66	240	317591	20.00	ng	-0.01
86) Perylene-d12	14.98	264	296437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	574478	62.24	ng	0.00
7) Phenol-d6	6.19	99	517730	42.84	ng	-0.01
23) Nitrobenzene-d5	7.12	82	916358	86.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	315898	99.29	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1439831	71.39	ng	-0.01
78) Terphenyl-d14	12.63	244	962954	72.00	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.31	163	66346	2.82	ng	Qvalue 99

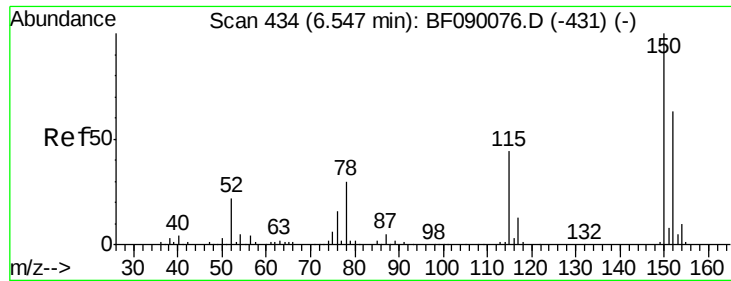
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090095.D

Acq: 15 Sep 2016 16:51

Instrument :

BNA_F

ClientSampleId :

WM-184-SW

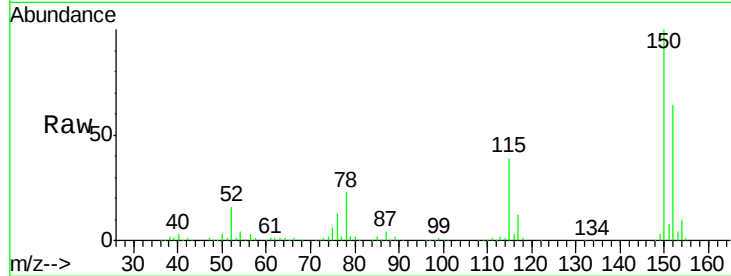
Tgt Ion:152 Resp: 148448

Ion Ratio Lower Upper

152 100

150 155.9 128.9 193.3

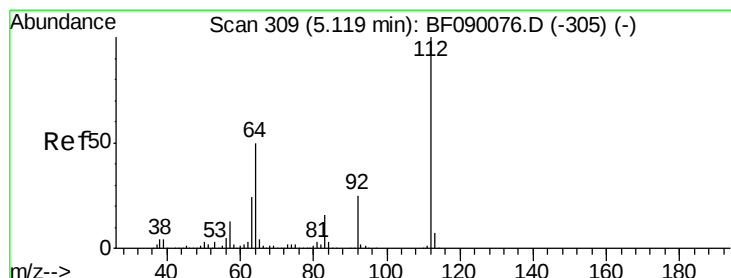
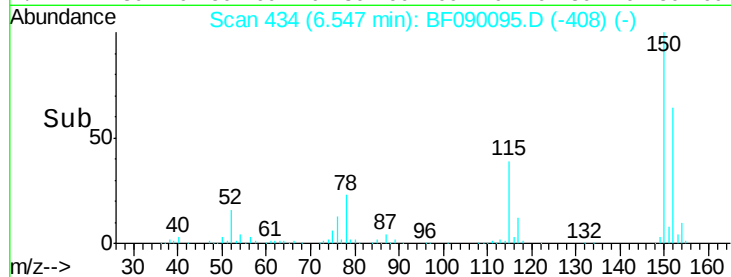
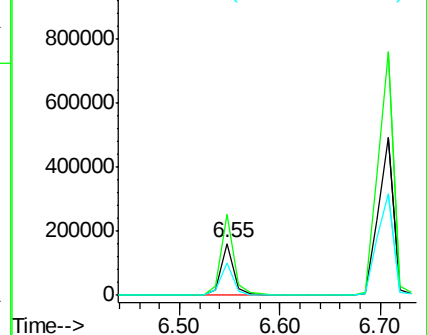
115 61.5 55.5 83.3



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: 62.24 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.00 min

Lab File: BF090095.D

Acq: 15 Sep 2016 16:51

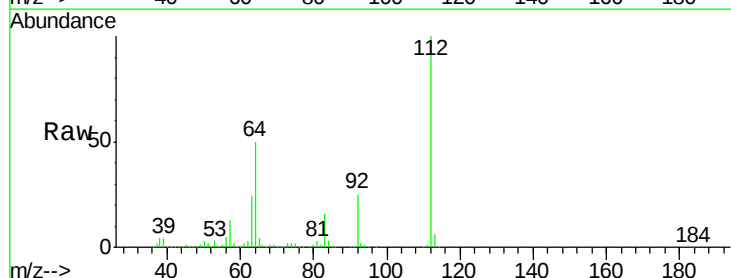
Tgt Ion:112 Resp: 574478

Ion Ratio Lower Upper

112 100

64 50.5 39.8 59.6

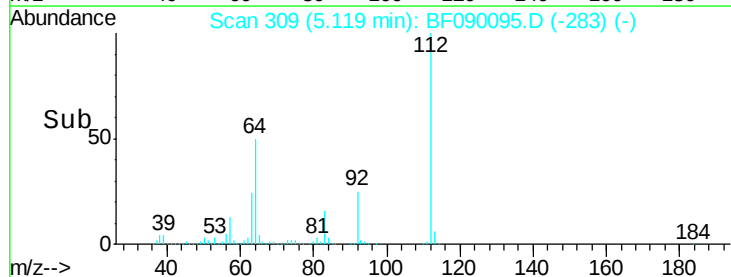
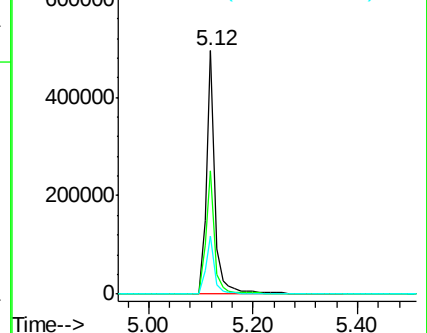
63 24.1 18.9 28.3

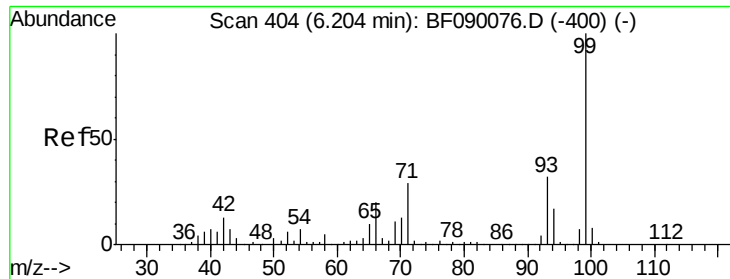


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.84 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090095.D

Acq: 15 Sep 2016 16:51

Instrument :

BNA_F

ClientSampleId :

WM-184-SW

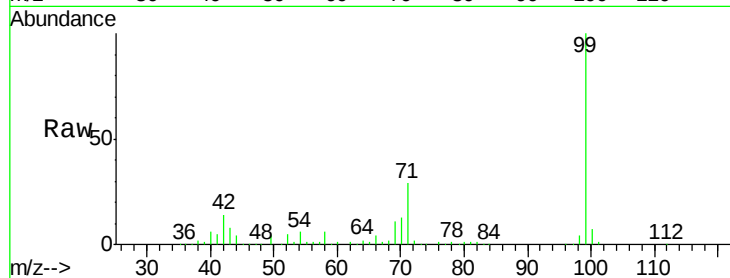
Tgt Ion: 99 Resp: 517730

Ion Ratio Lower Upper

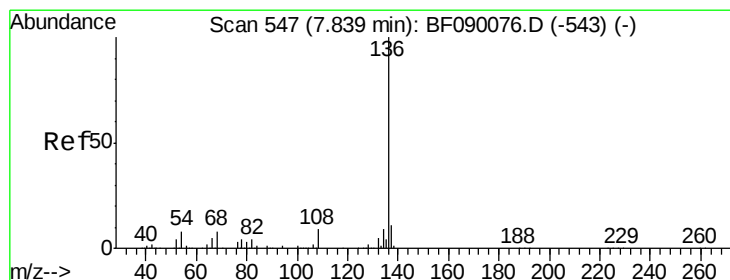
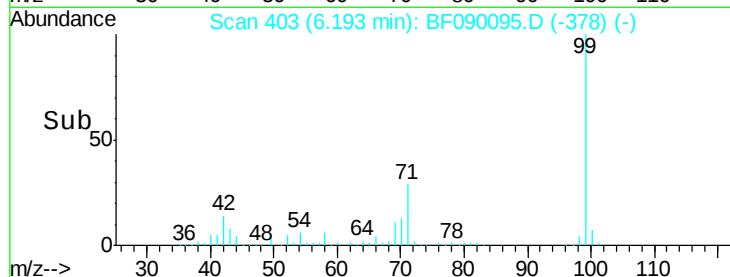
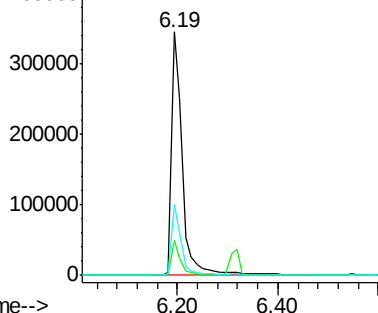
99 100

42 14.2 10.6 15.8

71 29.3 23.0 34.6



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: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090095.D

Acq: 15 Sep 2016 16:51

Tgt Ion: 136 Resp: 595029

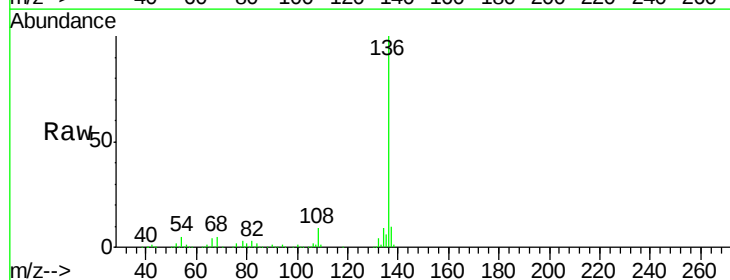
Ion Ratio Lower Upper

136 100

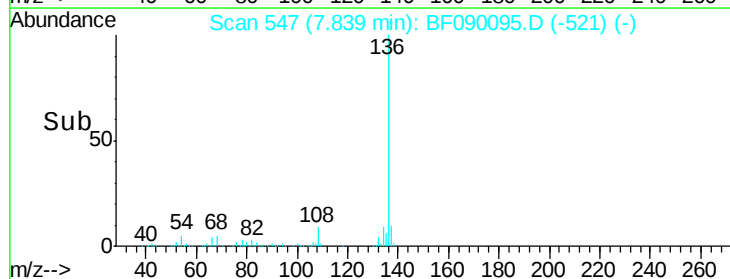
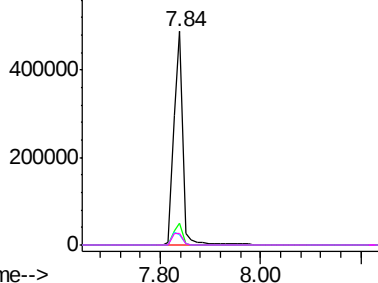
137 10.3 9.0 13.4

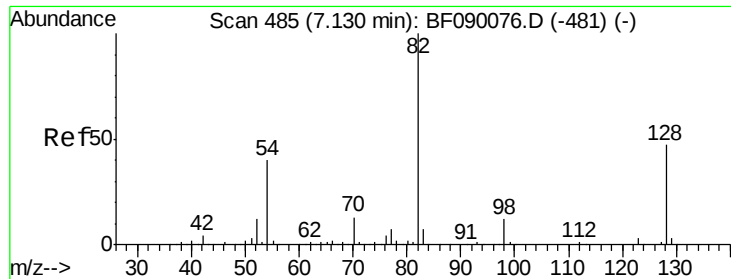
54 5.1 6.4 9.6#

68 5.3 6.3 9.5#



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

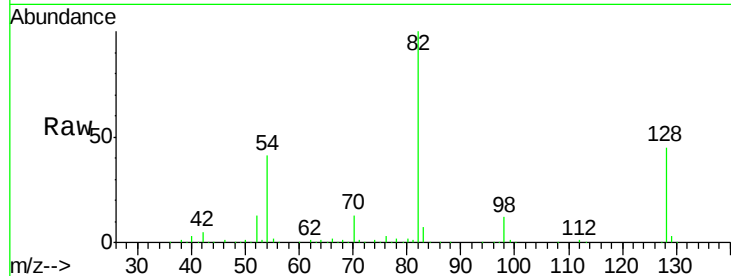




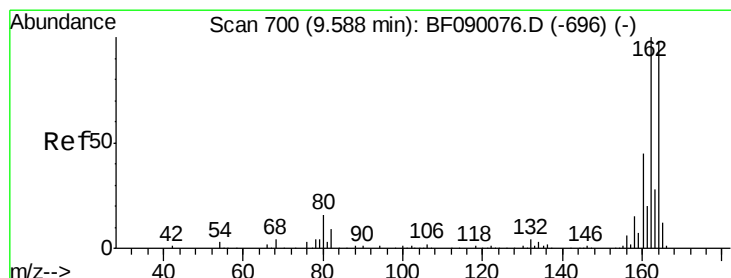
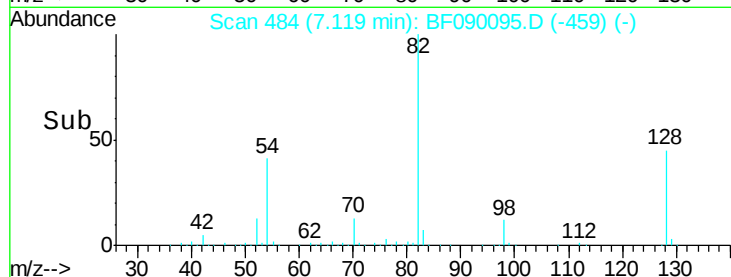
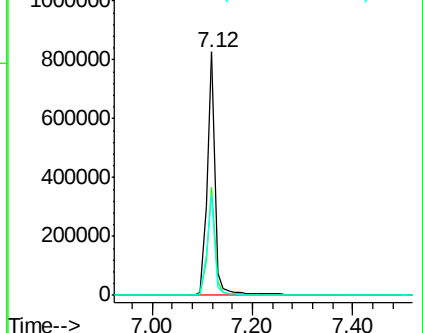
#23
 Nitrobenzene-d5
 Concen: 86.59 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF090095.D
 Acq: 15 Sep 2016 16:51

Instrument :
 BNA_F
 ClientSampled :
 WM-184-SW

Tgt Ion: 82 Resp: 916358
 Ion Ratio Lower Upper
 82 100
 128 44.5 37.5 56.3
 54 41.3 31.9 47.9

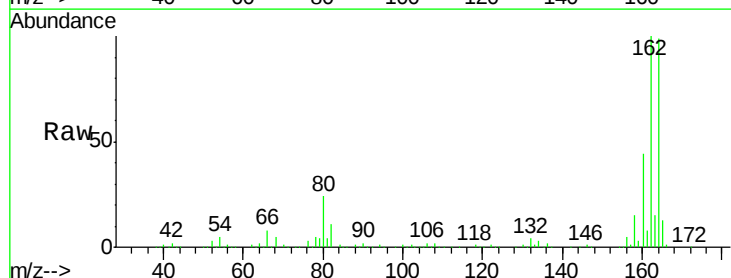


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

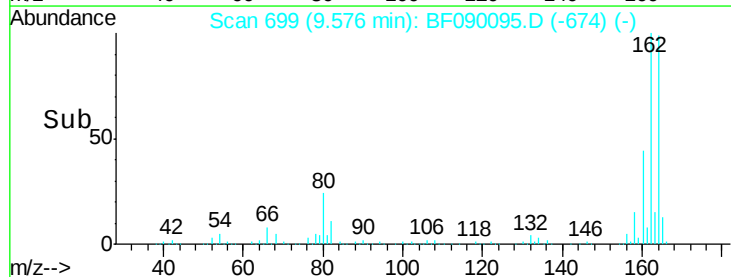
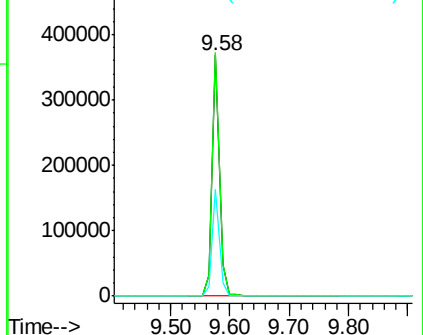


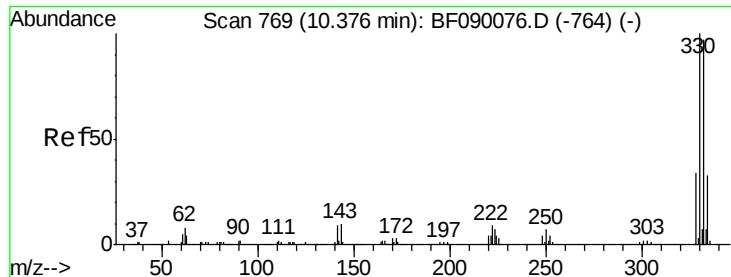
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF090095.D
 Acq: 15 Sep 2016 16:51

Tgt Ion: 164 Resp: 316736
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.4 122.2
 160 44.3 36.6 54.8



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

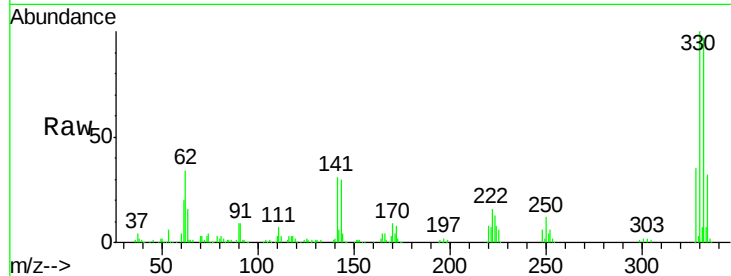




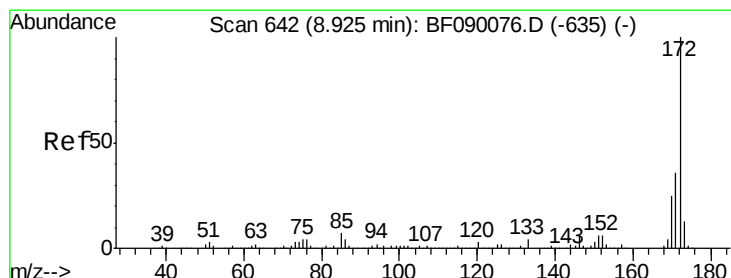
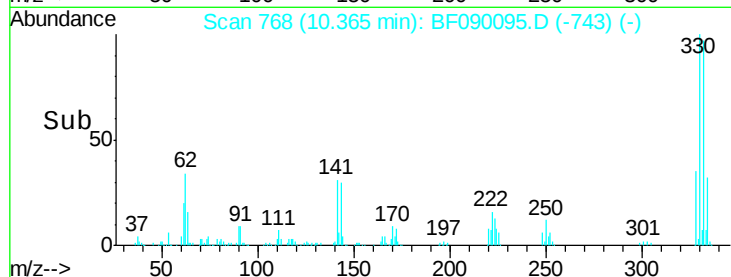
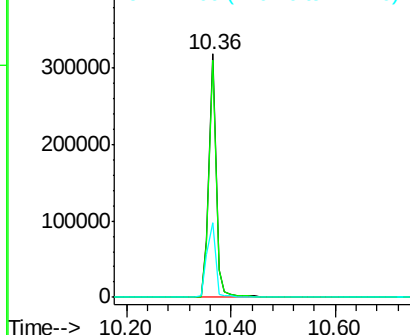
#41
 2,4,6-Tribromophenol
 Concen: 99.29 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090095.D
 Acq: 15 Sep 2016 16:51

Instrument :
 BNA_F
 ClientSampleId :
 WM-184-SW

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.1	117.1
141	36.8	23.9	35.9#

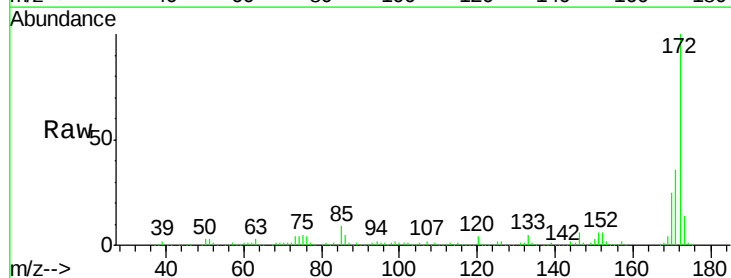


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

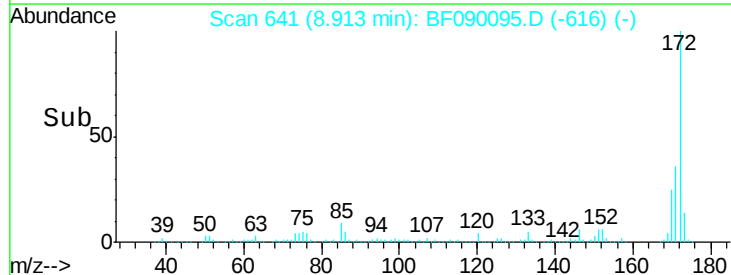
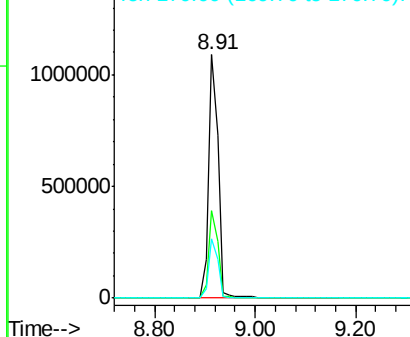


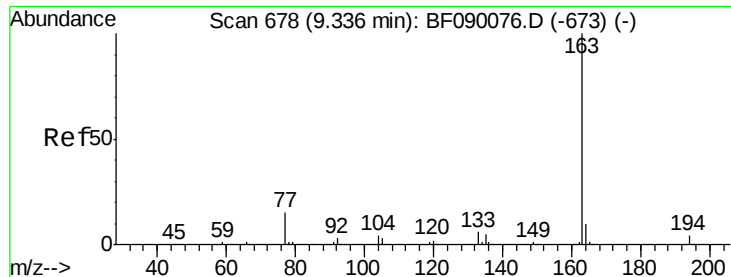
#44
 2-Fluorobiphenyl
 Concen: 71.39 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090095.D
 Acq: 15 Sep 2016 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.6	19.8	29.8



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





#49

Dimethylphthalate

Concen: 2.82 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF090095.D

Acq: 15 Sep 2016 16:51

Instrument :

BNA_F

ClientSampleId :

WM-184-SW

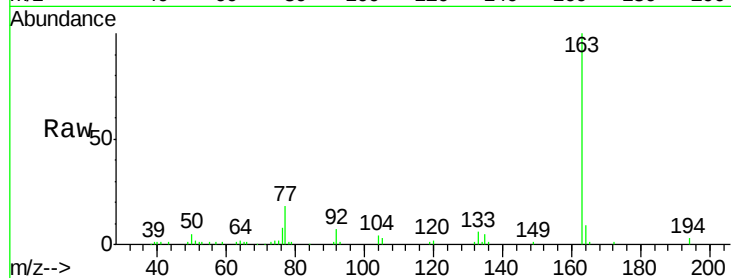
Tgt Ion:163 Resp: 66346

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

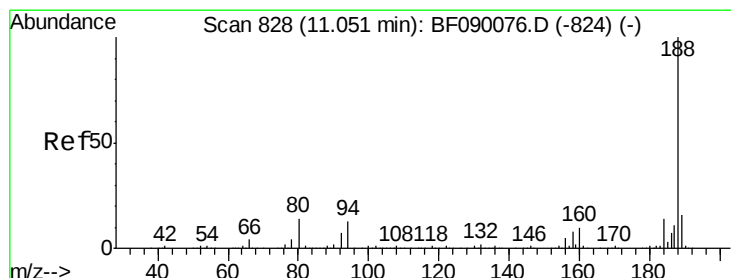
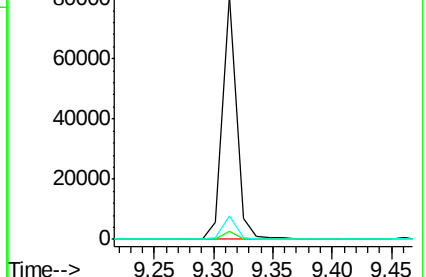
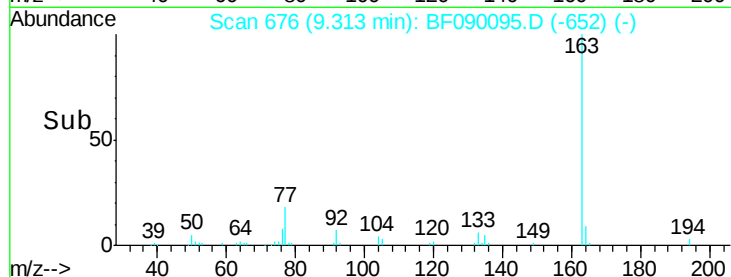
164 9.5 8.1 12.1



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: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF090095.D

Acq: 15 Sep 2016 16:51

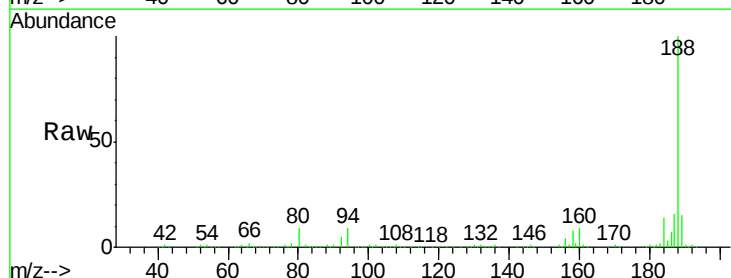
Tgt Ion:188 Resp: 503290

Ion Ratio Lower Upper

188 100

94 8.7 10.5 15.7#

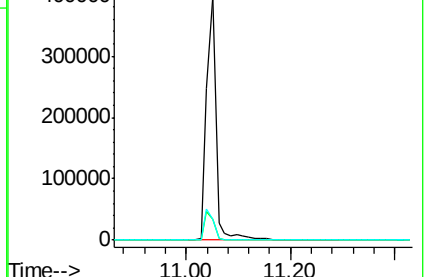
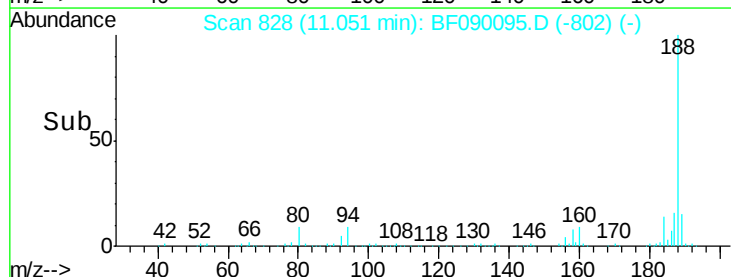
80 8.7 11.2 16.8#

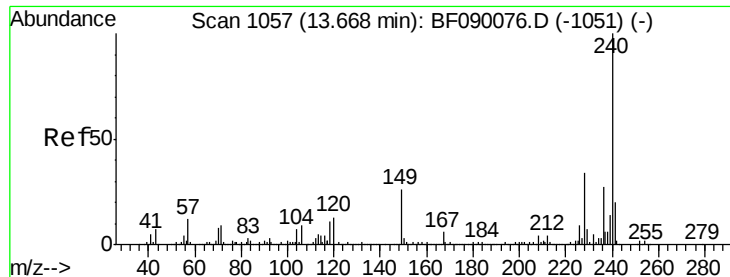


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF090095.D

Acq: 15 Sep 2016 16:51

Instrument :

BNA_F

ClientSampleId :

WM-184-SW

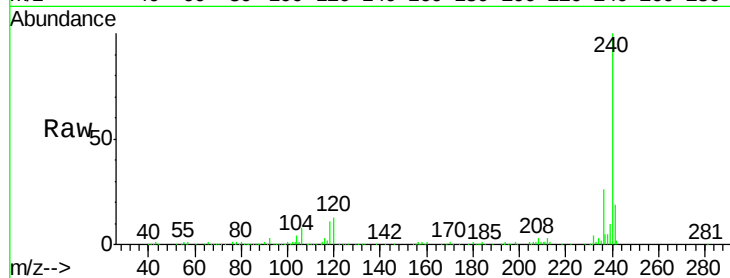
Tgt Ion:240 Resp: 317591

Ion Ratio Lower Upper

240 100

120 12.7 10.6 16.0

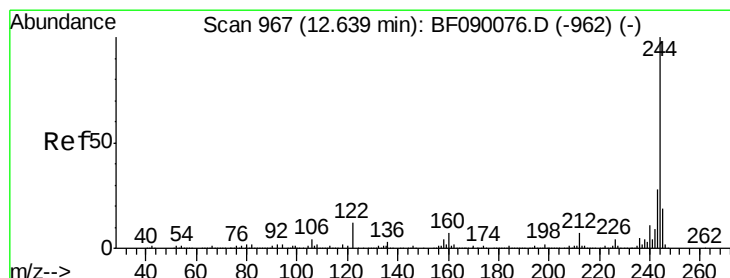
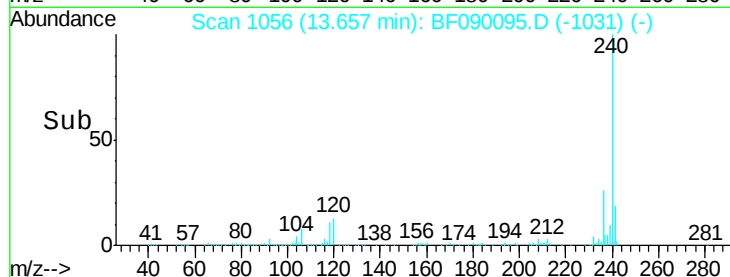
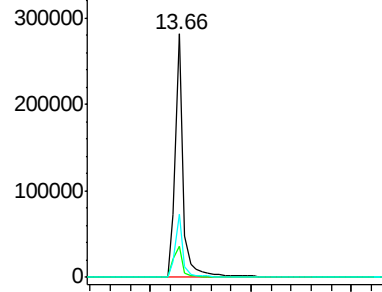
236 25.7 21.6 32.4



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: 72.00 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090095.D

Acq: 15 Sep 2016 16:51

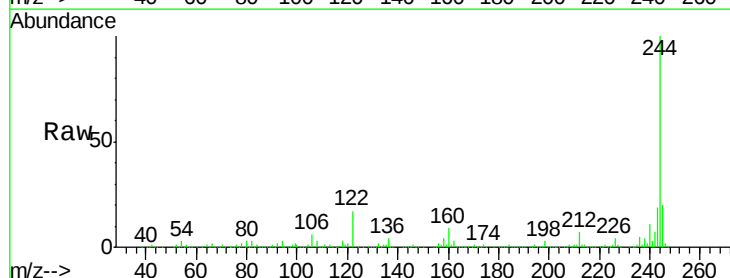
Tgt Ion:244 Resp: 962954

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

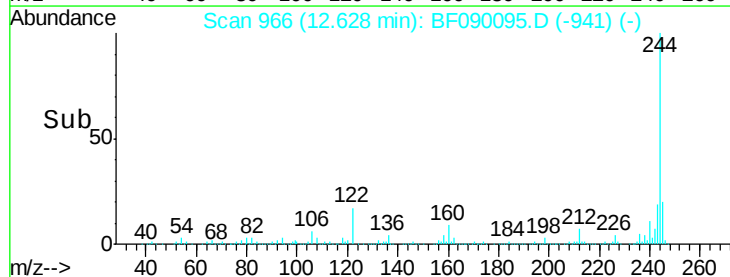
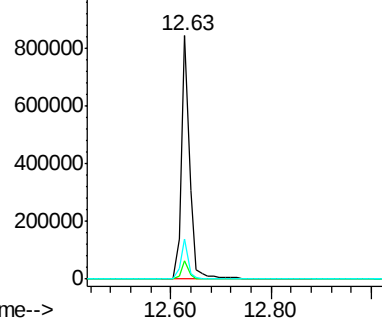
122 16.6 9.4 14.0#

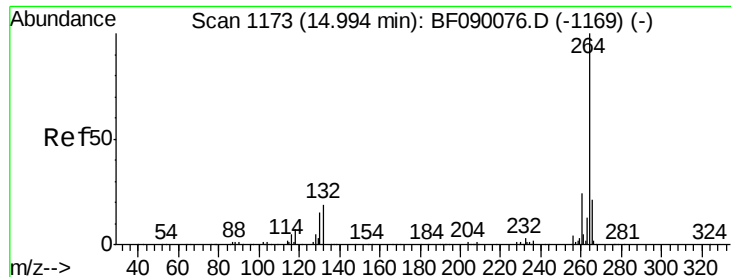


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF090095.D
Acq: 15 Sep 2016 16:51

Instrument :
BNA_F
ClientSampleId :
WM-184-SW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.8	17.0	25.4

