

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090527.D
 Acq On : 12 Oct 2016 4:09
 Operator : UM/SJ
 Sample : U4S2S&C
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 12 05:54:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

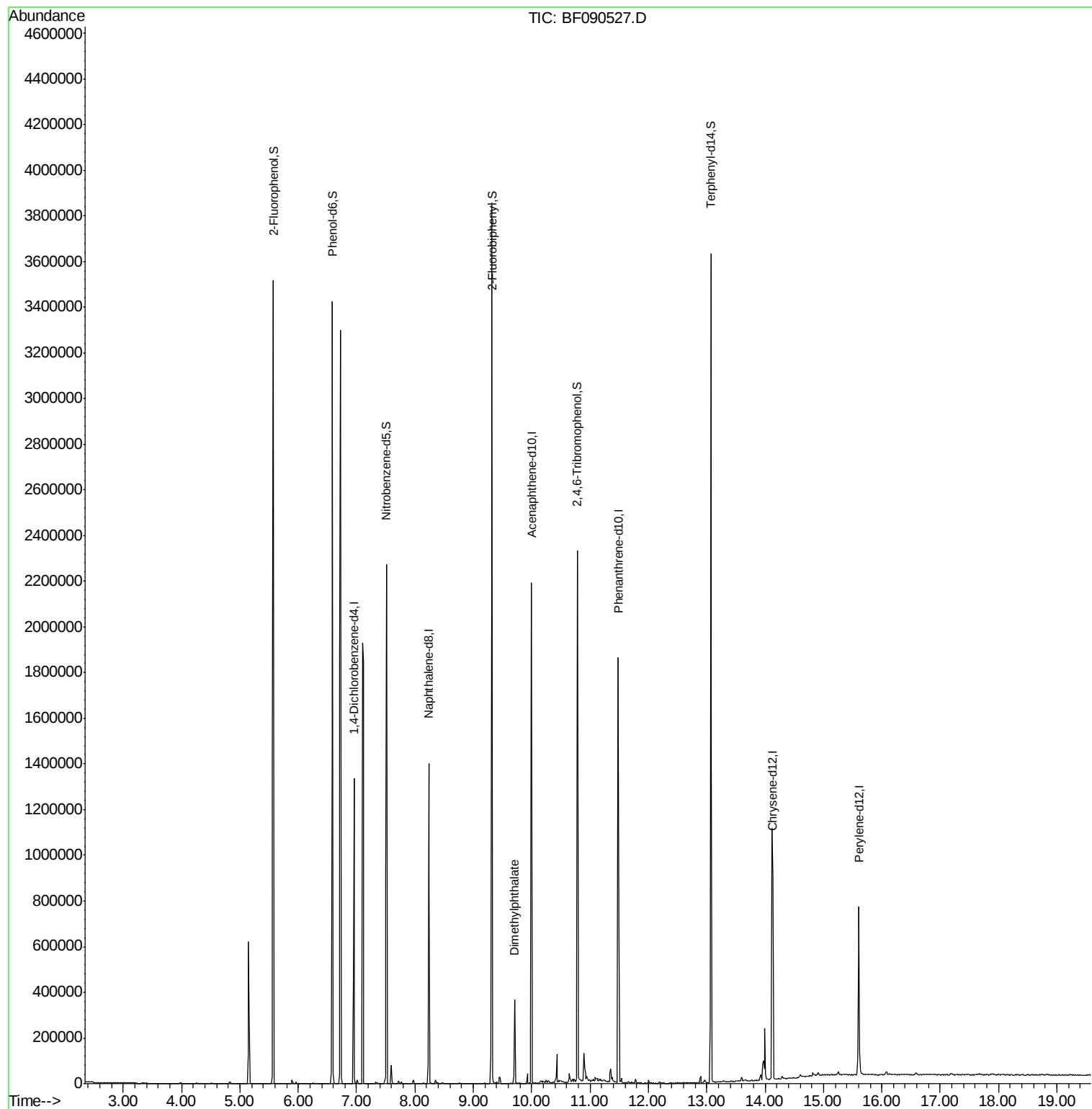
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	214354	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	820086	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	432309	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	697627	20.00	ng	0.00
75) Chrysene-d12	14.13	240	506571	20.00	ng	0.00
86) Perylene-d12	15.61	264	359797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1019954	74.03	ng	0.01
7) Phenol-d6	6.59	99	1333997	76.72	ng	0.00
23) Nitrobenzene-d5	7.51	82	821869	54.36	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	268908	62.75	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1482838	57.64	ng	0.00
78) Terphenyl-d14	13.07	244	1290597	62.26	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	134275	4.62	ng	Qvalue 97

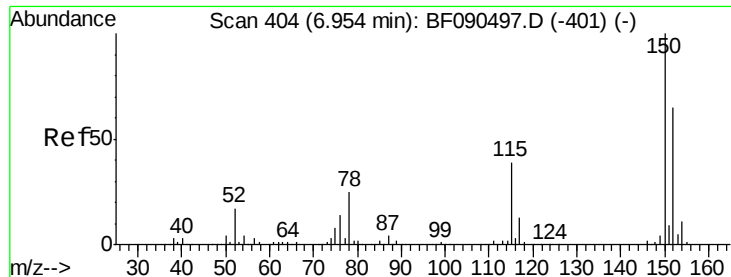
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090527.D

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ClientSampleId :

SSTDCCC040

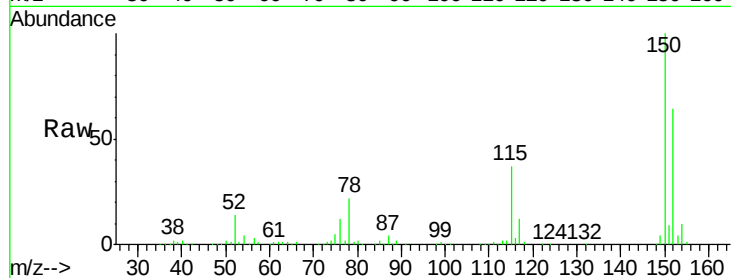
Tgt Ion:152 Resp: 214354

Ion Ratio Lower Upper

152 100

150 156.4 124.6 186.8

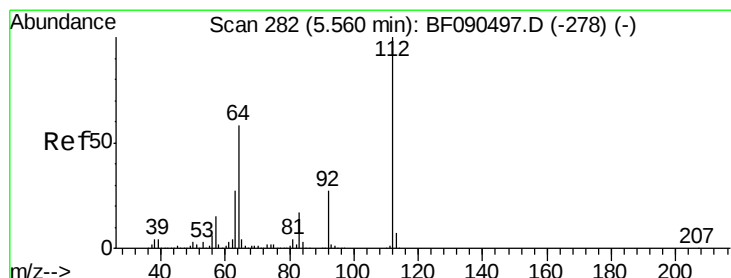
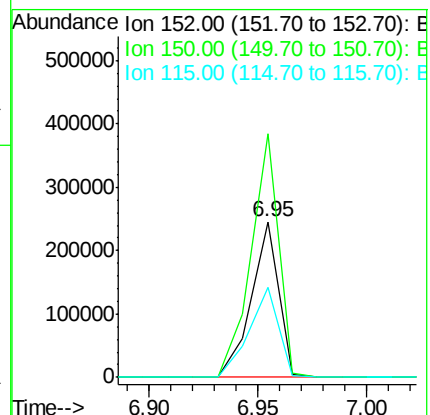
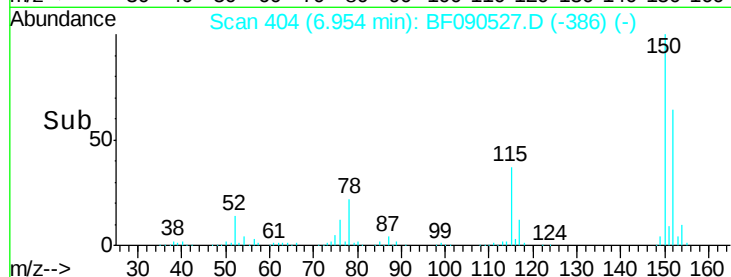
115 57.8 46.2 69.4



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: 74.03 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090527.D

Acq: 12 Oct 2016 4:09

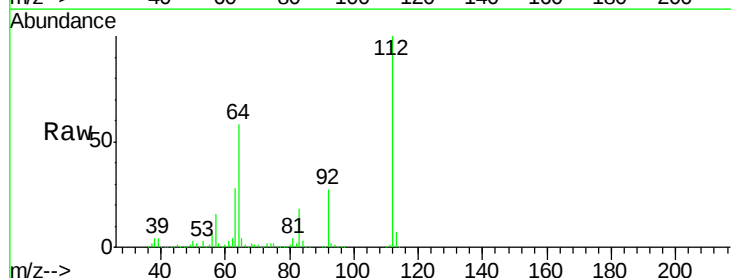
Tgt Ion:112 Resp: 1019954

Ion Ratio Lower Upper

112 100

64 57.6 57.9 86.9#

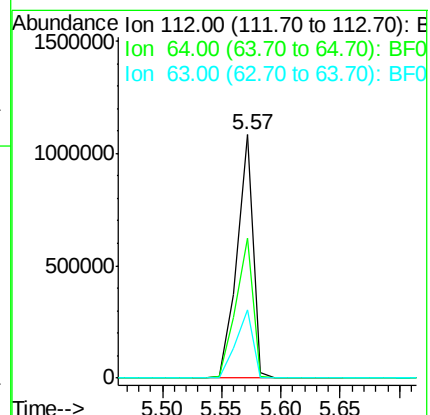
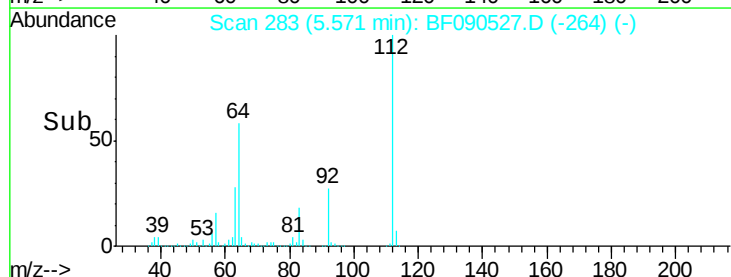
63 28.1 29.6 44.4#

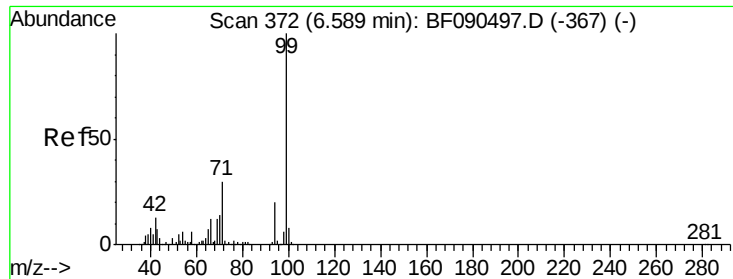


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.72 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090527.D

Acq: 12 Oct 2016 4:09

Instrument :

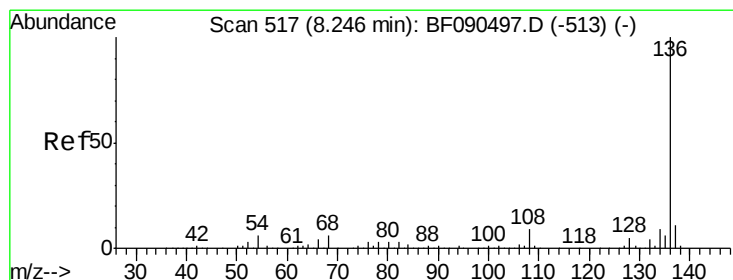
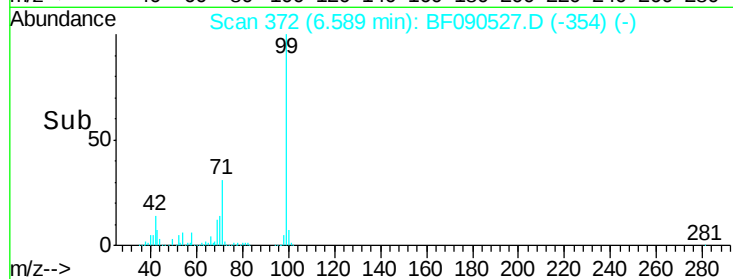
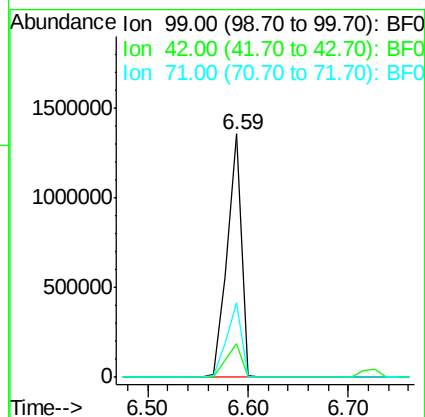
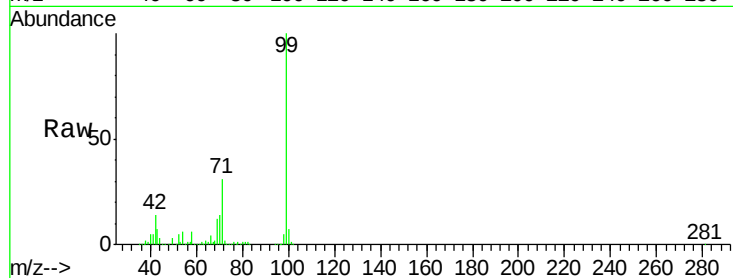
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1333997

Ion	Ratio	Lower	Upper
99	100		
42	13.8	20.0	30.0#
71	30.8	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

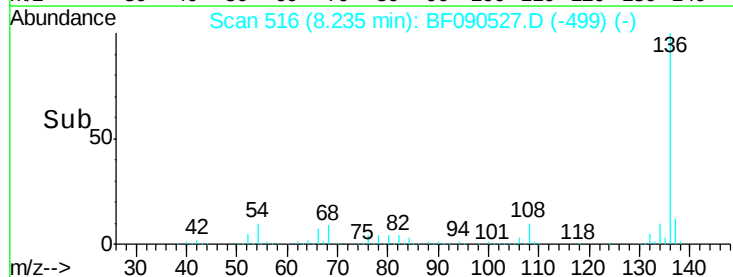
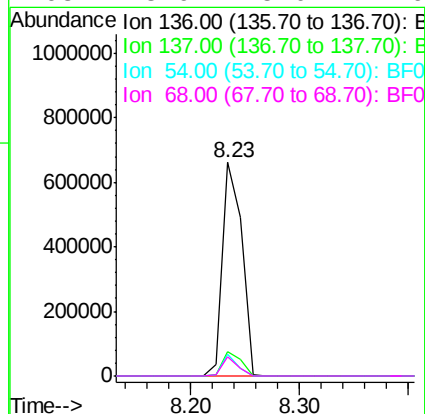
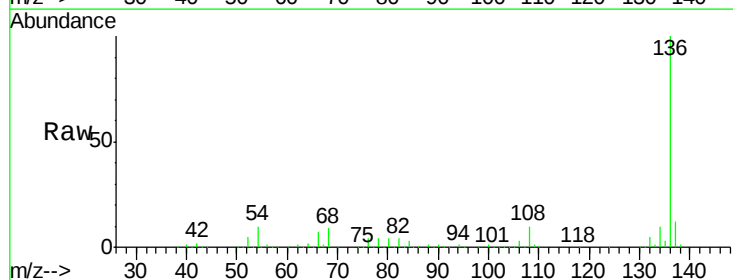
Delta R.T. -0.01 min

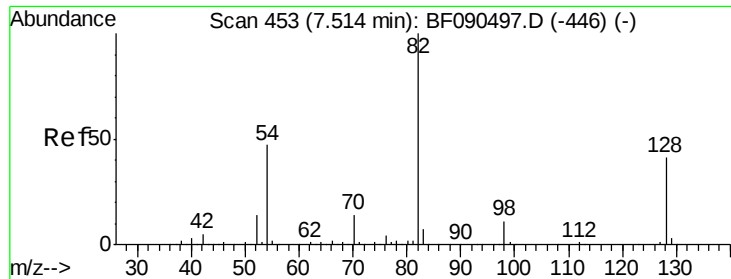
Lab File: BF090527.D

Acq: 12 Oct 2016 4:09

Tgt Ion: 136 Resp: 820086

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	10.1	6.6	10.0#
68	8.9	5.0	7.6#

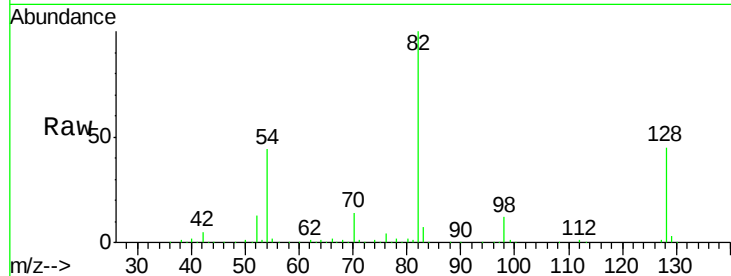




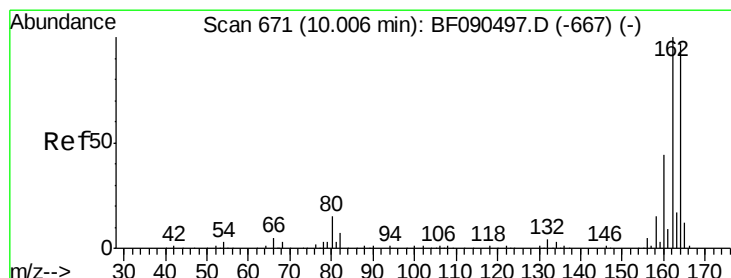
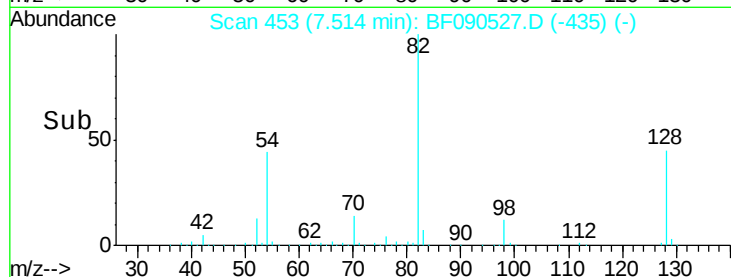
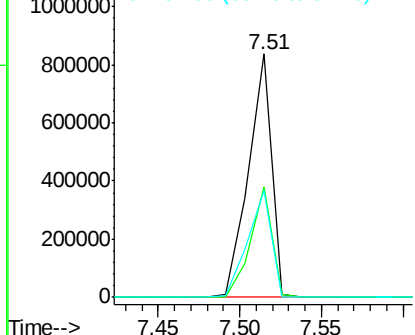
#23
 Nitrobenzene-d5
 Concen: 54.36 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090527.D
 Acq: 12 Oct 2016 4:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	40.0	60.0
54	43.8	42.6	64.0

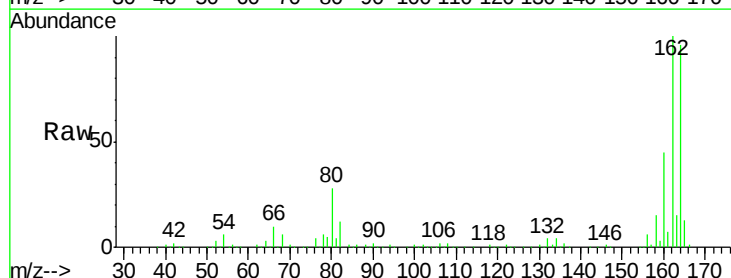


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

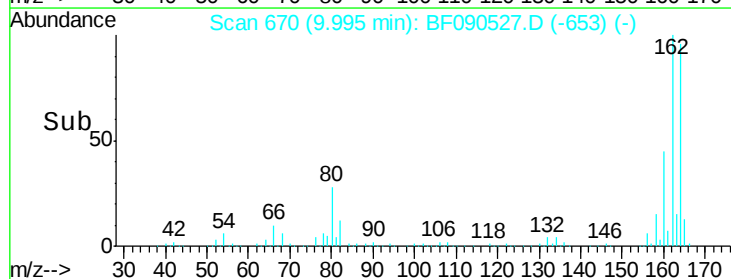
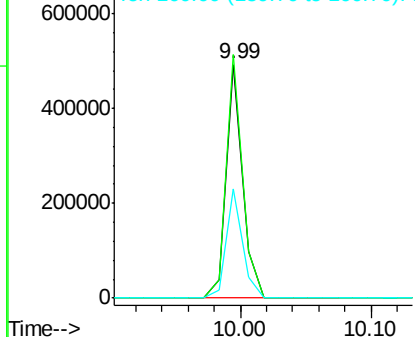


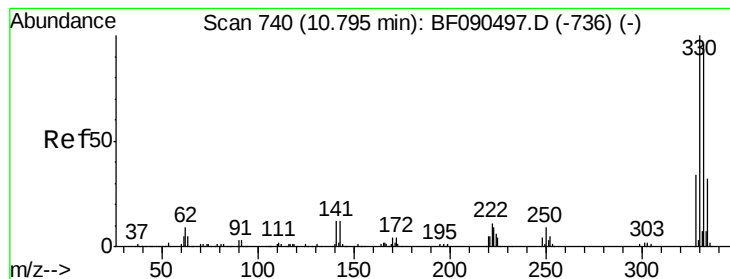
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090527.D
 Acq: 12 Oct 2016 4:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.1	120.1
160	46.8	36.3	54.5



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

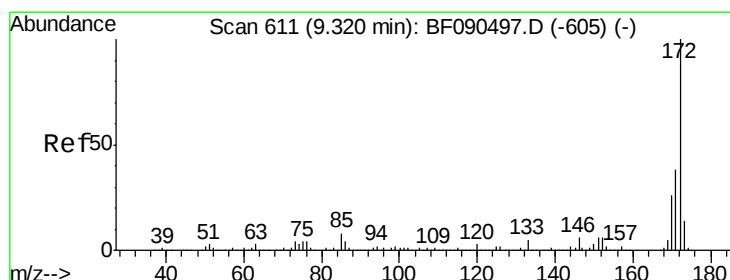
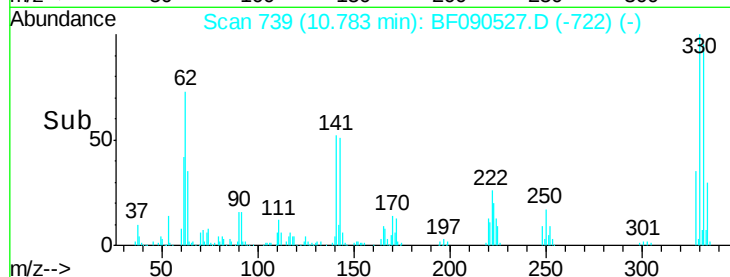
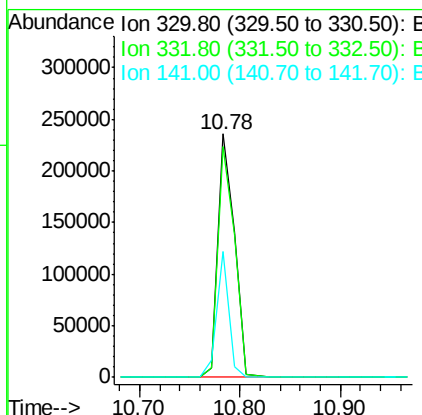
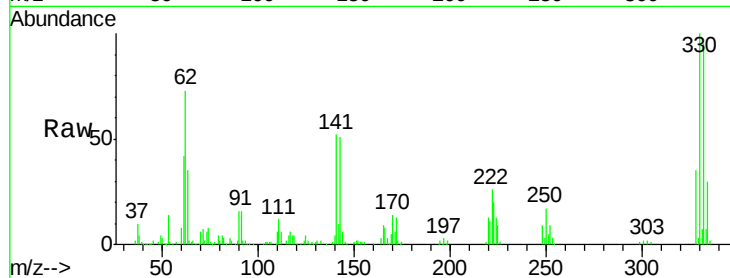




#41
 2,4,6-Tribromophenol
 Concen: 62.75 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090527.D
 Acq: 12 Oct 2016 4:09

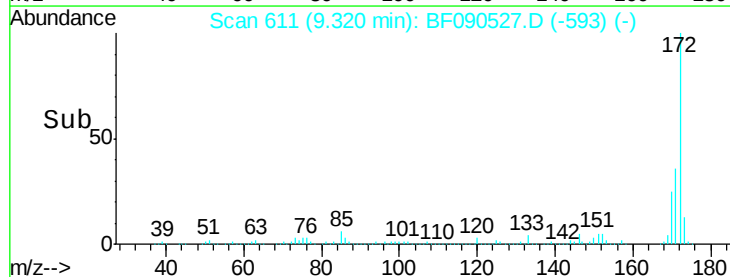
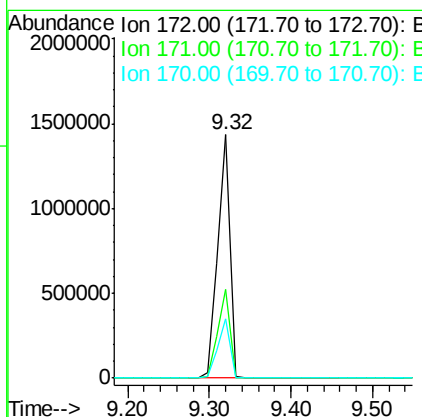
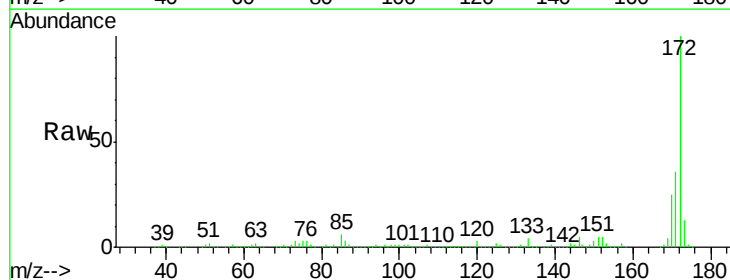
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

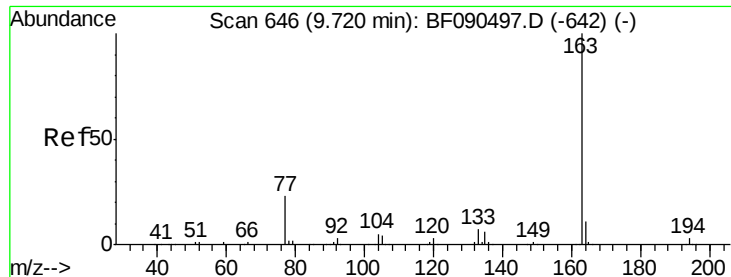
Tgt Ion:330 Resp: 268908
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.4 113.0
 141 38.5 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 57.64 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090527.D
 Acq: 12 Oct 2016 4:09

Tgt Ion:172 Resp: 1482838
 Ion Ratio Lower Upper
 172 100
 171 36.3 31.8 47.8
 170 24.6 21.7 32.5





#49

Dimethylphthalate

Concen: 4.62 ng

RT: 9.71 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF090527.D

Acq: 12 Oct 2016 4:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

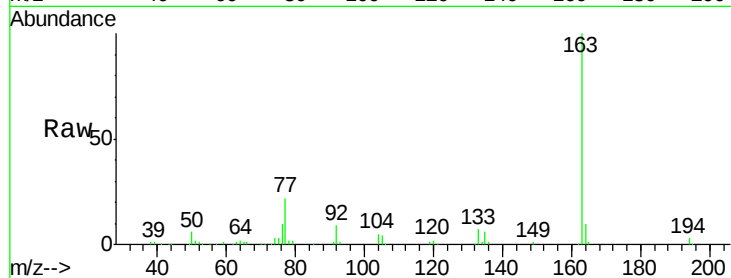
Tgt Ion:163 Resp: 134275

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

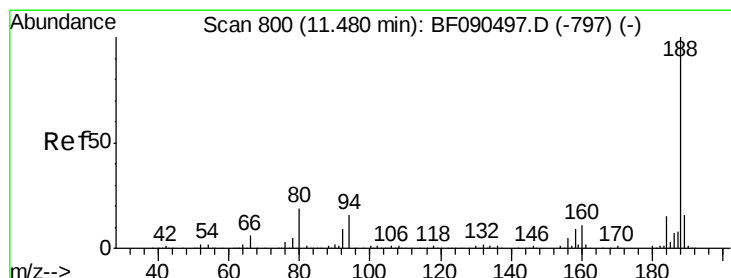
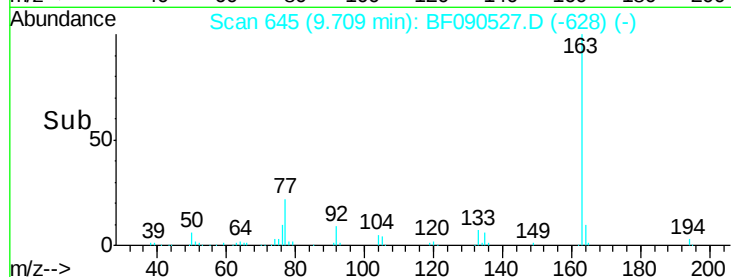
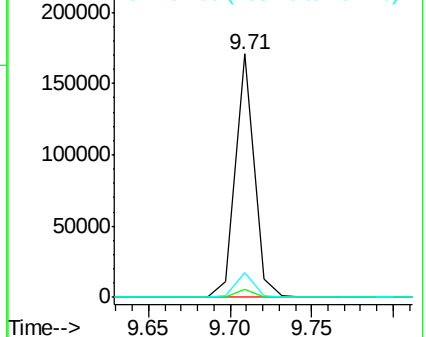
164 9.9 9.0 13.4



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: 11.48 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF090527.D

Acq: 12 Oct 2016 4:09

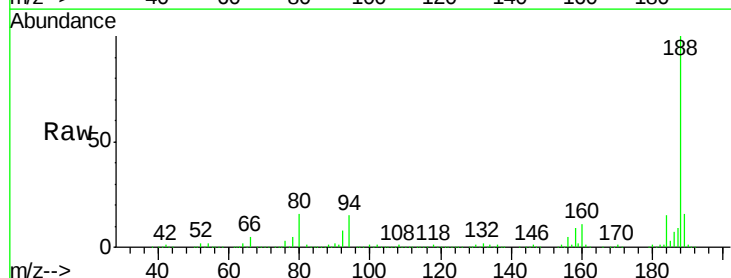
Tgt Ion:188 Resp: 697627

Ion Ratio Lower Upper

188 100

94 14.5 8.2 12.2#

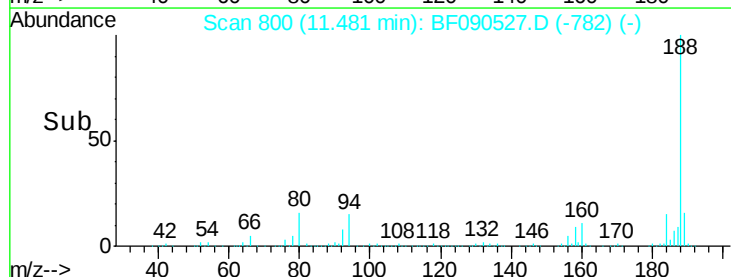
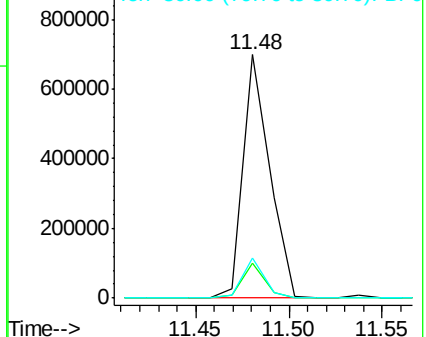
80 16.5 8.8 13.2#

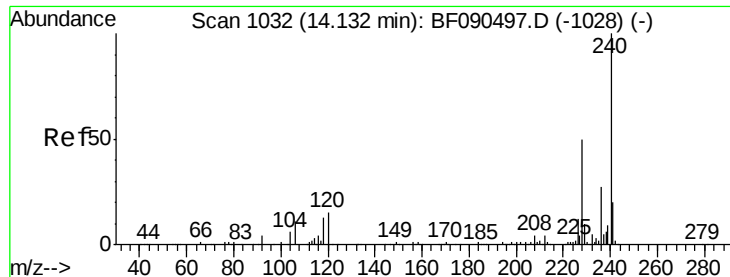


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090527.D

Acq: 12 Oct 2016 4:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

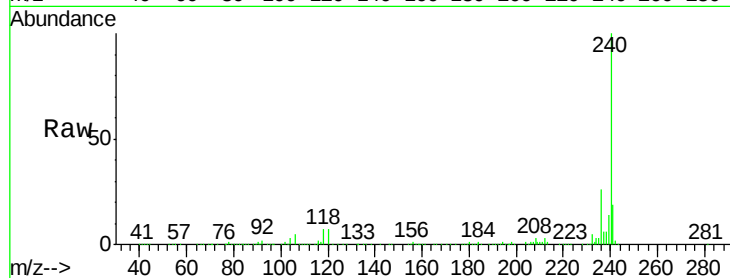
Tgt Ion:240 Resp: 506571

Ion Ratio Lower Upper

240 100

120 7.2 8.6 13.0#

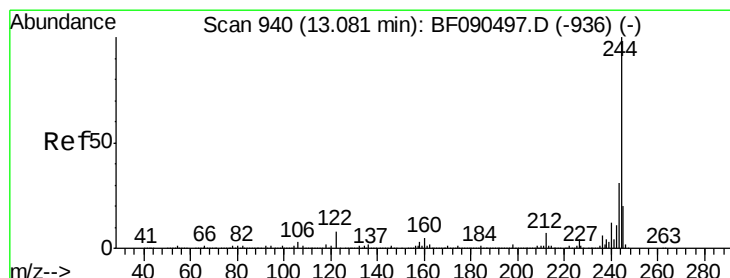
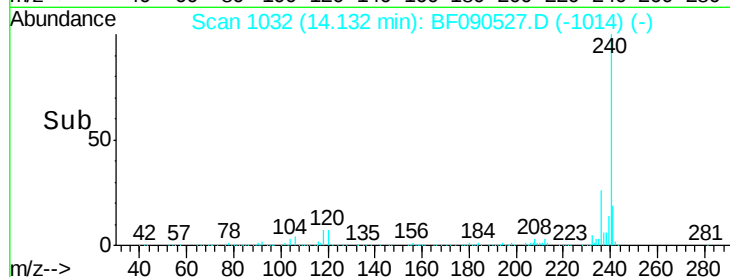
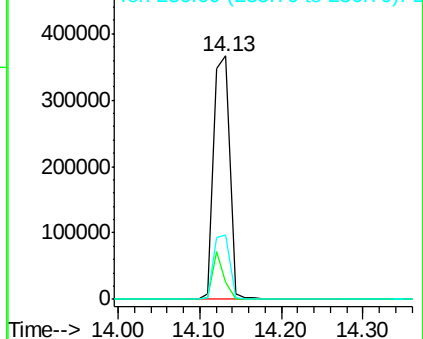
236 26.5 21.6 32.4



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: 62.26 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090527.D

Acq: 12 Oct 2016 4:09

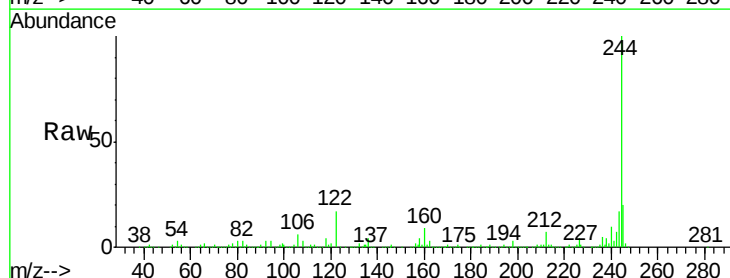
Tgt Ion:244 Resp: 1290597

Ion Ratio Lower Upper

244 100

212 7.4 6.8 10.2

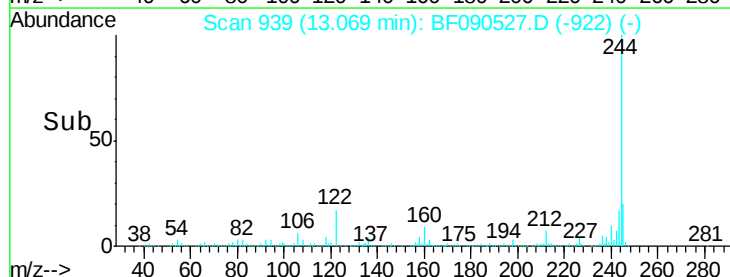
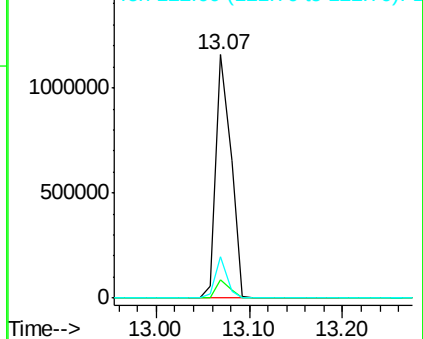
122 17.2 13.3 19.9

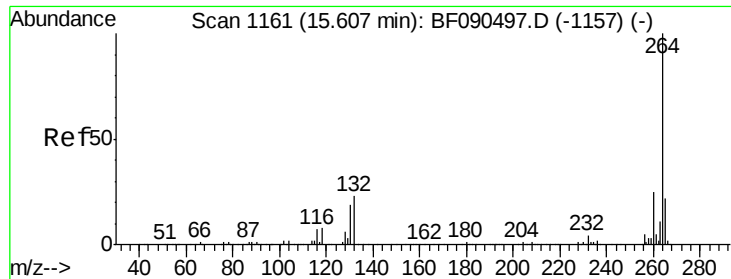


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

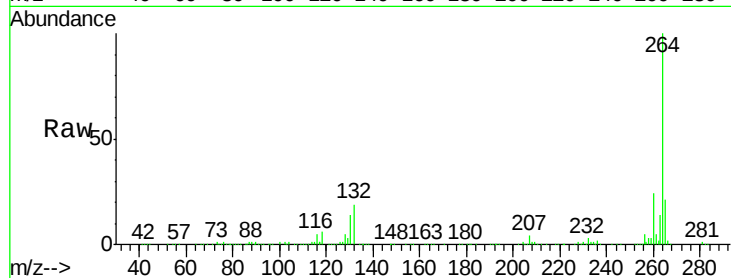




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090527.D
Acq: 12 Oct 2016 4:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.0	17.4	26.0



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

