

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087361.D
 Acq On : 25 May 2016 4:11
 Operator : UM/SJ
 Sample : H3211-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TA-1304-(0-4)

Quant Time: May 25 06:44:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 00:58:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	109863	20.00	ng	0.00
21) Naphthalene-d8	9.59	136	446130	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	213469	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	436630	20.00	ng	0.00
75) Chrysene-d12	18.50	240	371717	20.00	ng	-0.01
86) Perylene-d12	20.17	264	268593	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	794597	127.09	ng	0.01
7) Phenol-d6	7.10	99	966266	114.37	ng	-0.01
23) Nitrobenzene-d5	8.47	82	794204	89.72	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	305455	148.90	ng	-0.01
44) 2-Fluorobiphenyl	11.37	172	1382984	91.33	ng	-0.01
78) Terphenyl-d14	17.17	244	1401253	80.14	ng	-0.01

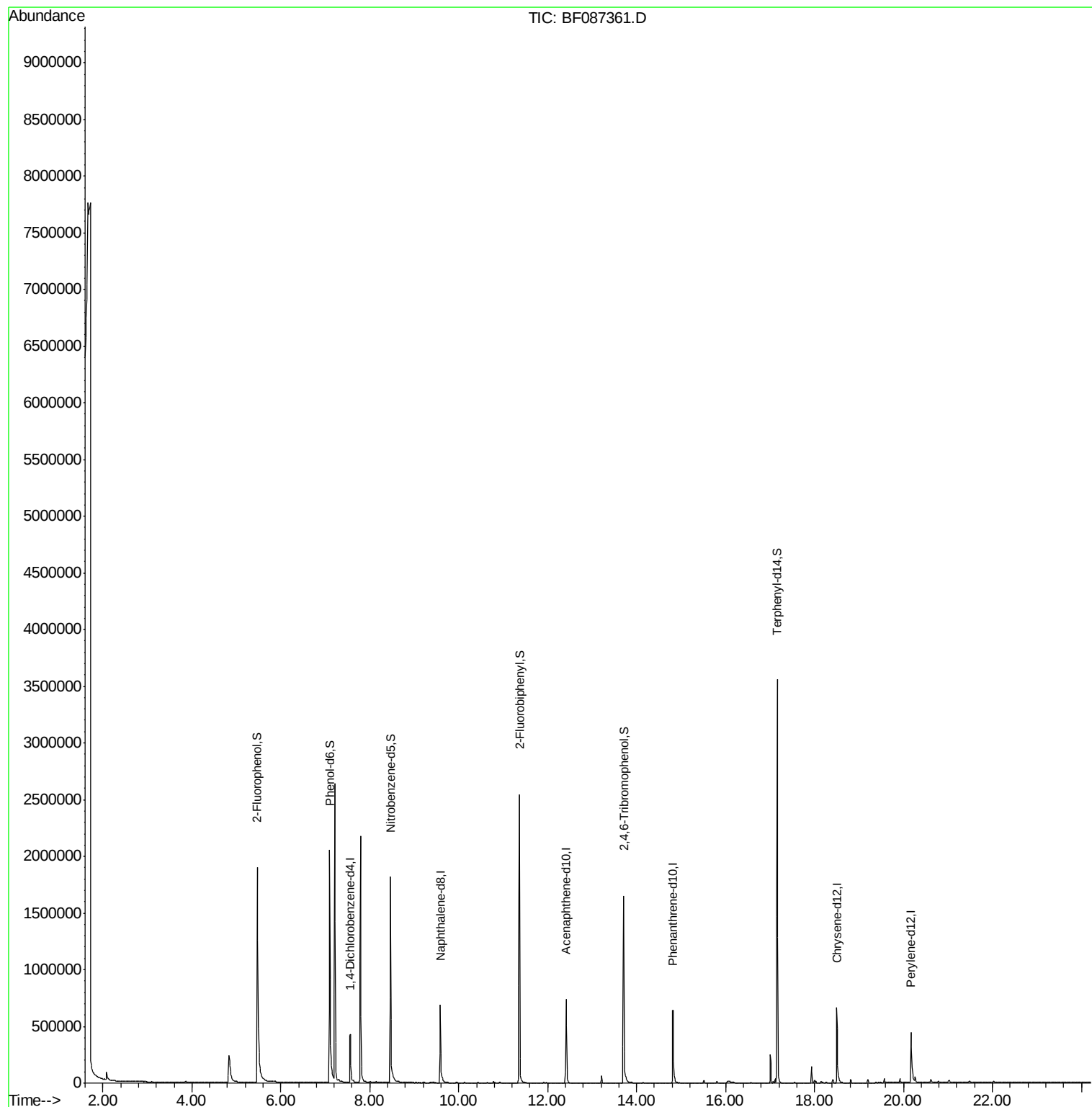
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF087361.D

Acq: 25 May 2016 4:11

Instrument :

BNA_F

ClientSampleId :

TA-1304-(0-4)

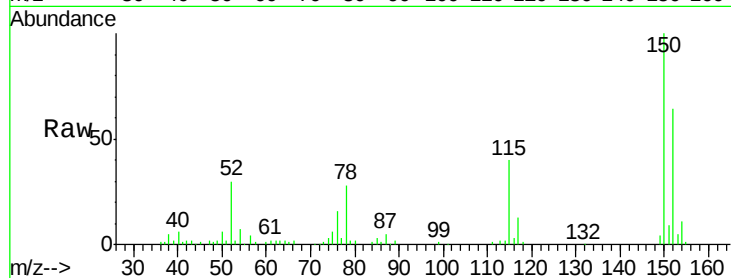
Tot Ion:152 Resp: 109863

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.6

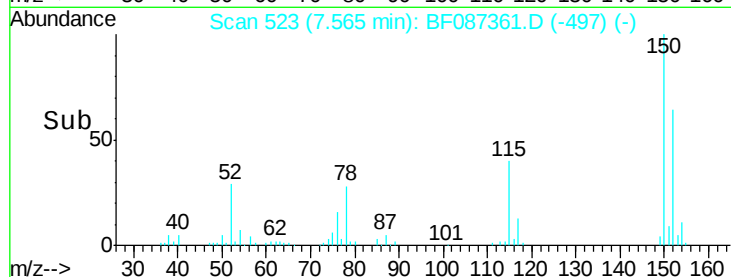
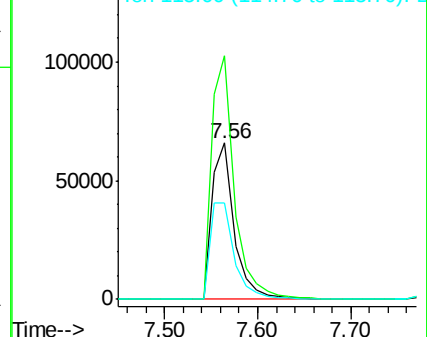
115 61.9 51.5 77.3



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: 127.09 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.01 min

Lab File: BF087361.D

Acq: 25 May 2016 4:11

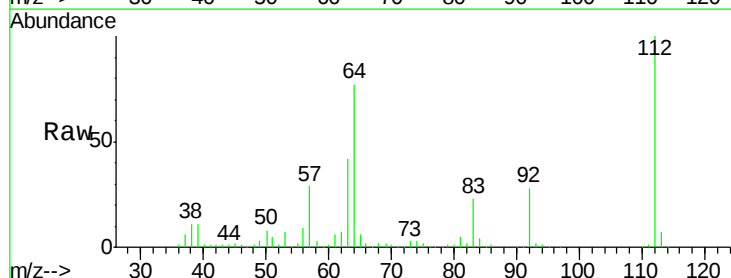
Tgt Ion:112 Resp: 794597

Ion Ratio Lower Upper

112 100

64 77.3 52.1 78.1

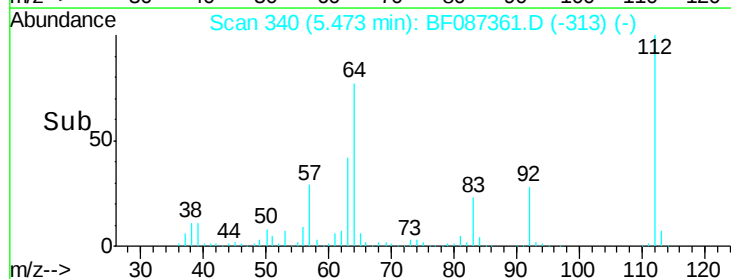
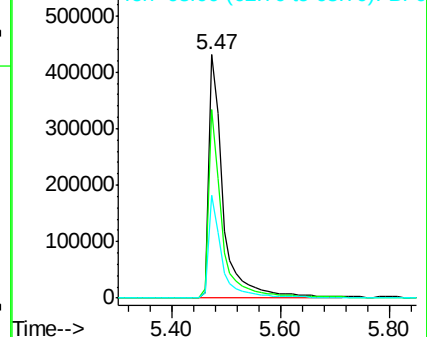
63 42.3 25.7 38.5#

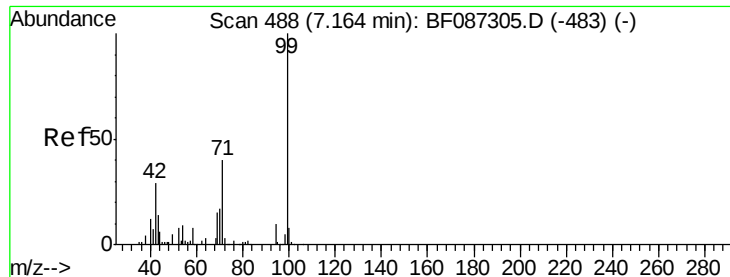


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.37 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF087361.D

Acq: 25 May 2016 4:11

Instrument :

BNA_F

ClientSampleId :

TA-1304-(0-4)

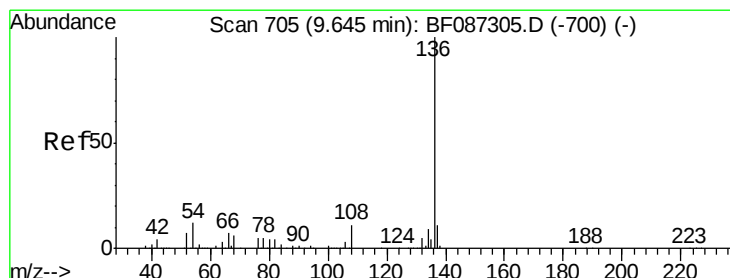
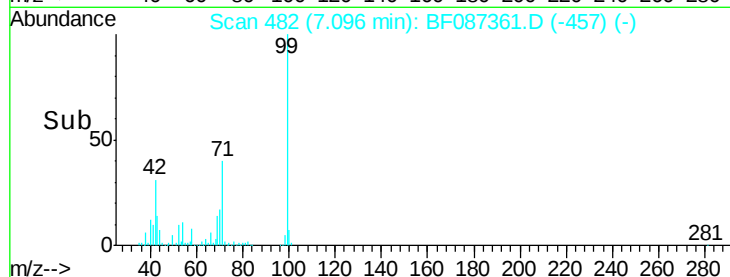
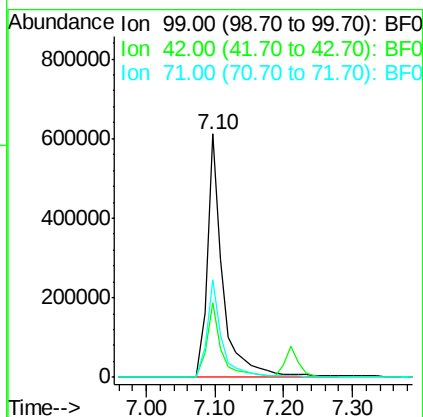
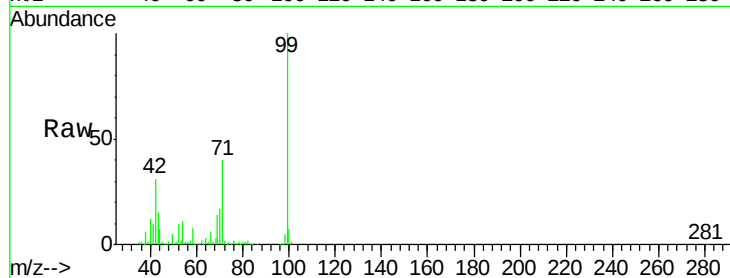
Tot Ion: 99 Resp: 966266

Ion Ratio Lower Upper

99 100

42 30.7 13.6 20.4#

71 40.2 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF087361.D

Acq: 25 May 2016 4:11

Tgt Ion: 136 Resp: 446130

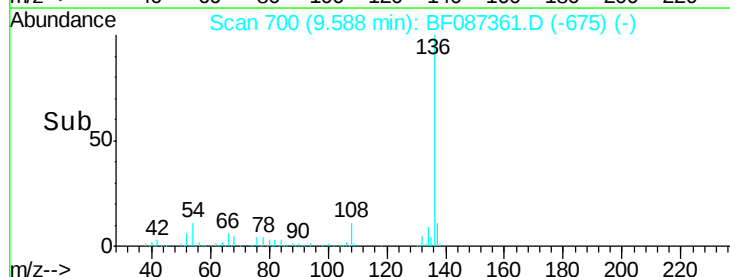
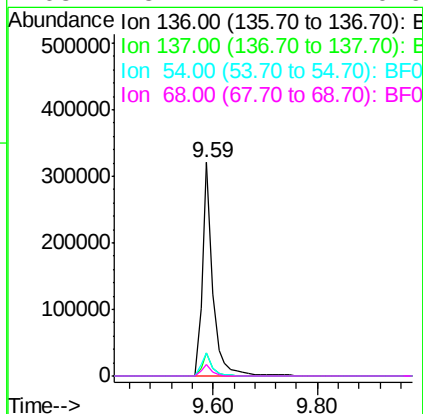
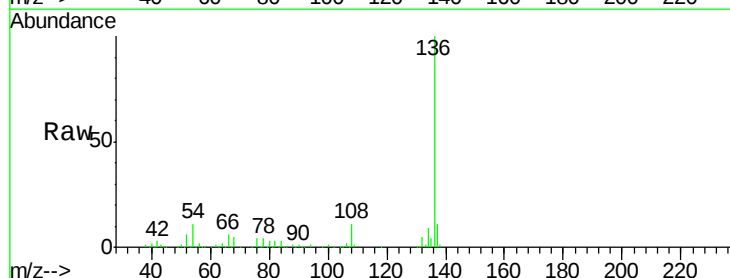
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.6 5.0 7.4#

68 5.2 4.4 6.6

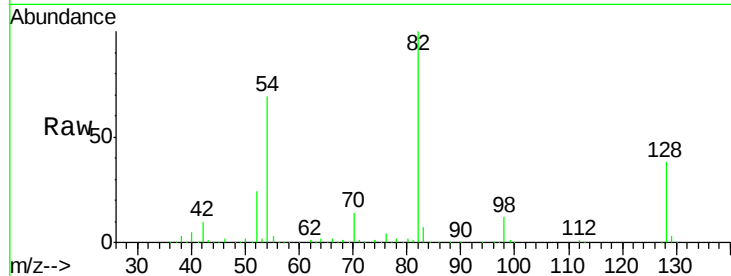




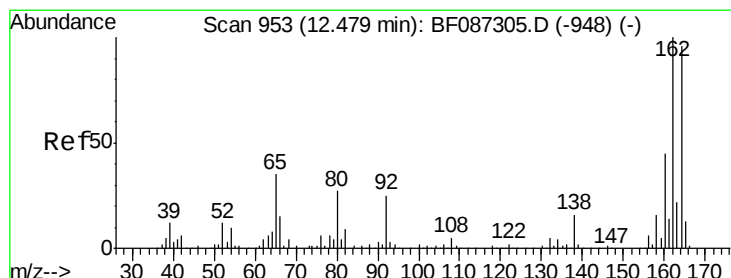
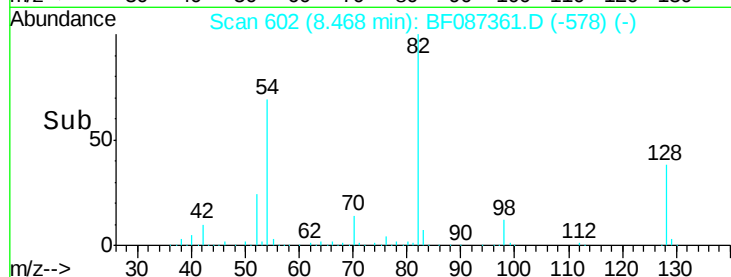
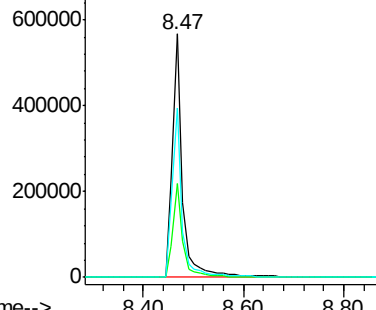
#23
 Nitrobenzene-d5
 Concen: 89.72 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF087361.D
 Acq: 25 May 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 TA-1304-(0-4)

Tot Ion: 82 Resp: 794204
 Ion Ratio Lower Upper
 82 100
 128 38.5 40.6 61.0#
 54 69.4 38.1 57.1#

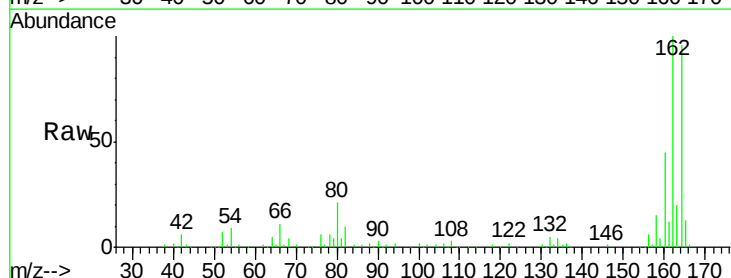


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

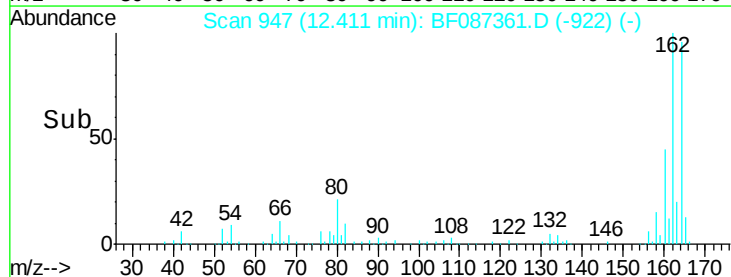
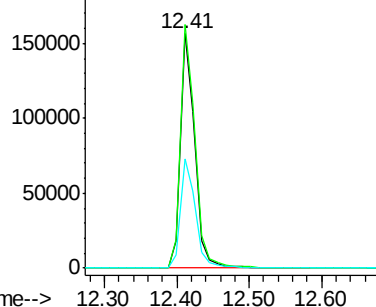


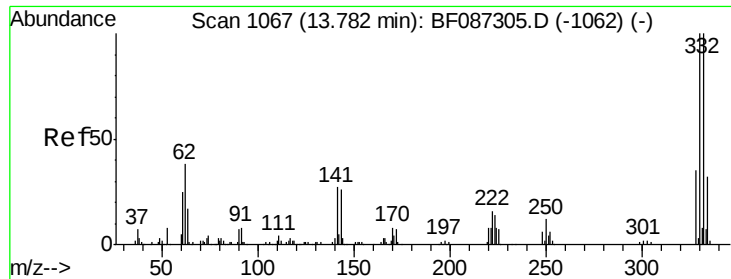
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF087361.D
 Acq: 25 May 2016 4:11

Tgt Ion: 164 Resp: 213469
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.8 124.2
 160 46.6 36.9 55.3



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

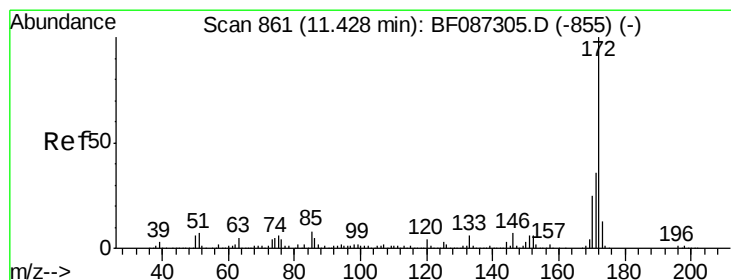
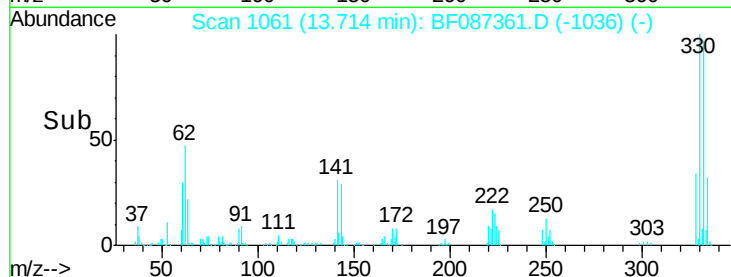
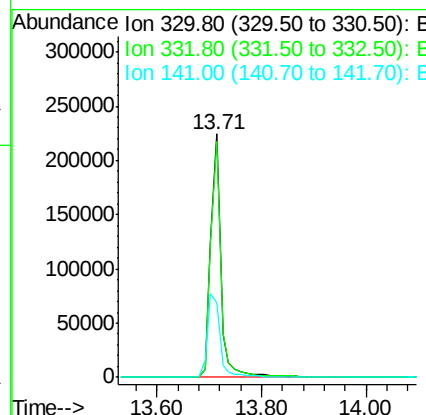
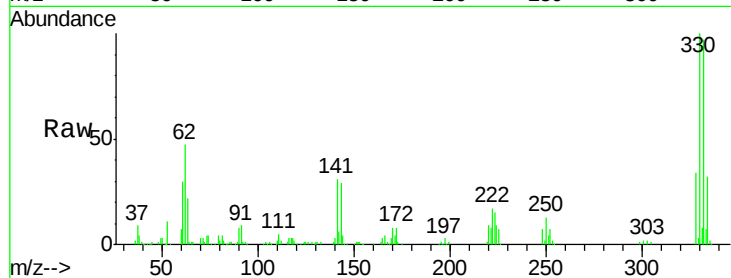




#41
 2,4,6-Tribromophenol
 Concen: 148.90 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF087361.D
 Acq: 25 May 2016 4:11

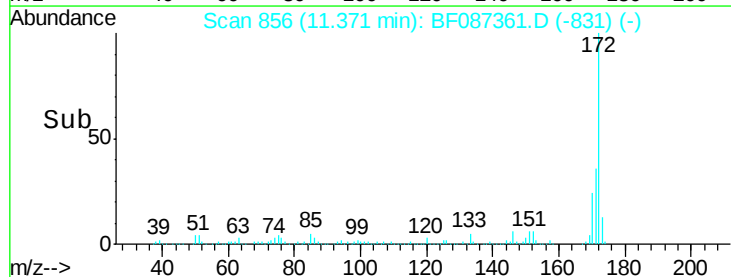
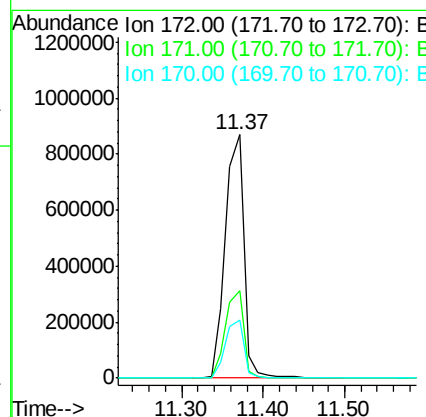
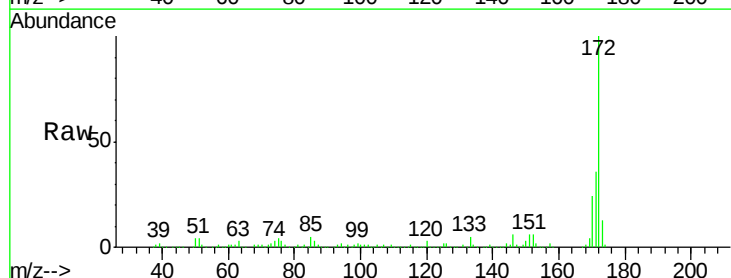
Instrument :
 BNA_F
 ClientSampleId :
 TA-1304-(0-4)

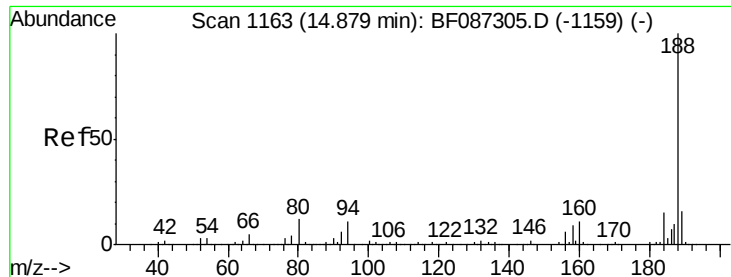
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.0	118.4
141	42.9	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 91.33 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087361.D
 Acq: 25 May 2016 4:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.0	19.8	29.8

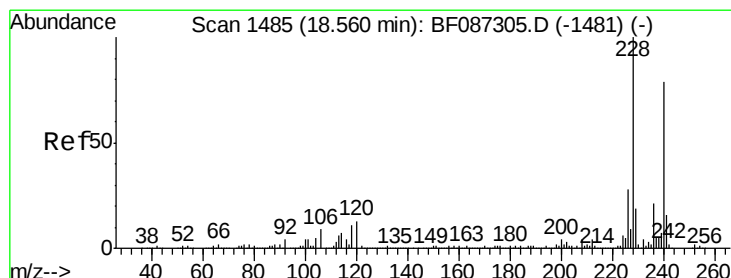
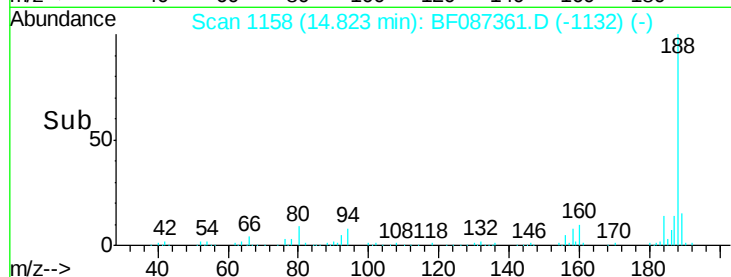
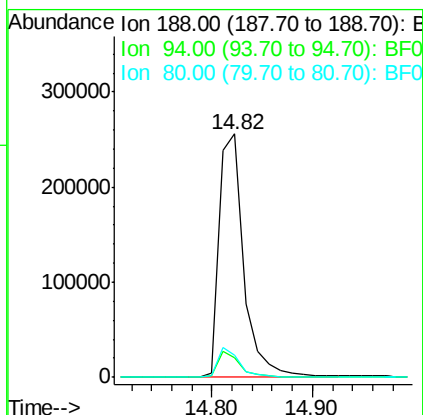
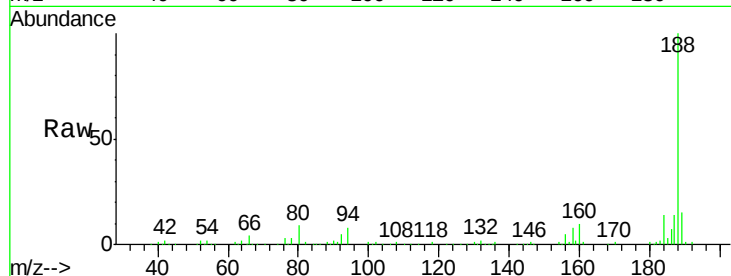




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF087361.D
Acq: 25 May 2016 4:11

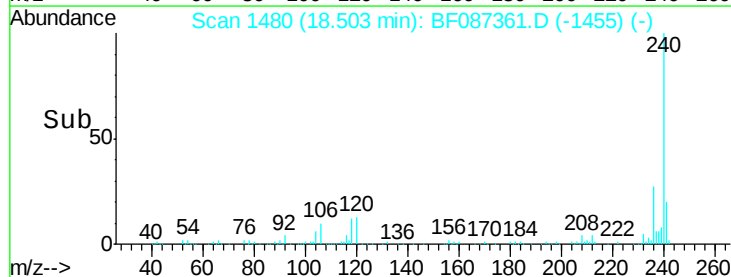
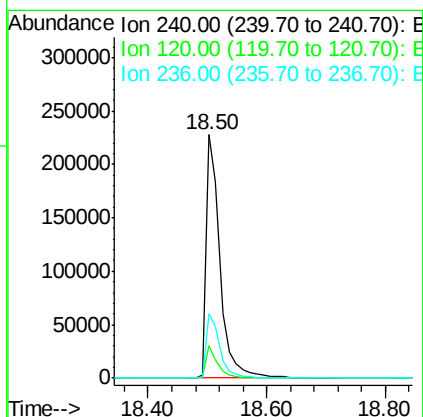
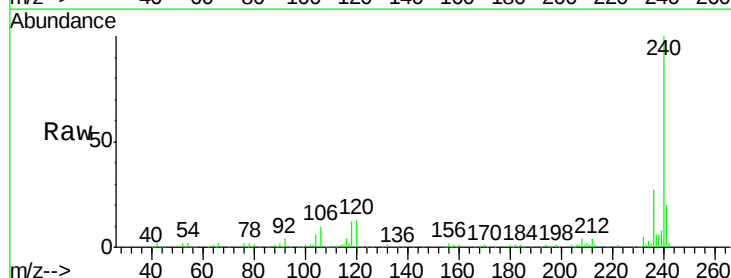
Instrument :
BNA_F
ClientSampleId :
TA-1304-(0-4)

Tot Ion:188 Resp: 436630
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.8 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087361.D
Acq: 25 May 2016 4:11

Tgt Ion:240 Resp: 371717
Ion Ratio Lower Upper
240 100
120 13.5 11.2 16.8
236 26.7 21.2 31.8

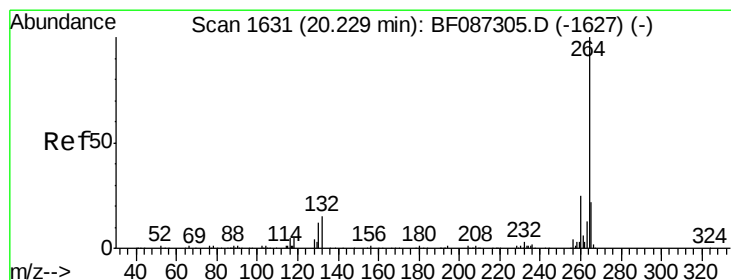
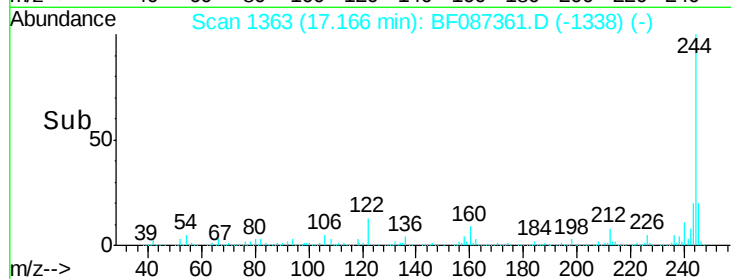
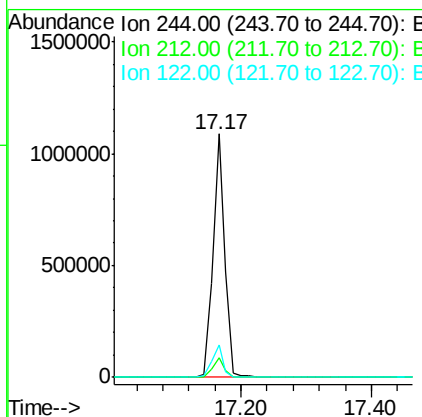
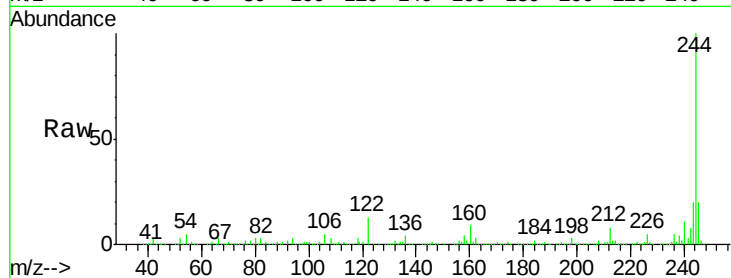




#78
 Terphenyl-d14
 Concen: 80.14 ng
 RT: 17.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF087361.D
 Acq: 25 May 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 TA-1304-(0-4)

Tot Ion:244 Resp: 1401253
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 13.5 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BF087361.D
 Acq: 25 May 2016 4:11

Tgt Ion:264 Resp: 268593
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.0 17.3 25.9

