

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089380.D
 Acq On : 28 Jul 2016 23:41
 Operator : UM/SJ
 Sample : H4205-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-39-0.5-1.5

Quant Time: Jul 29 03:06:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

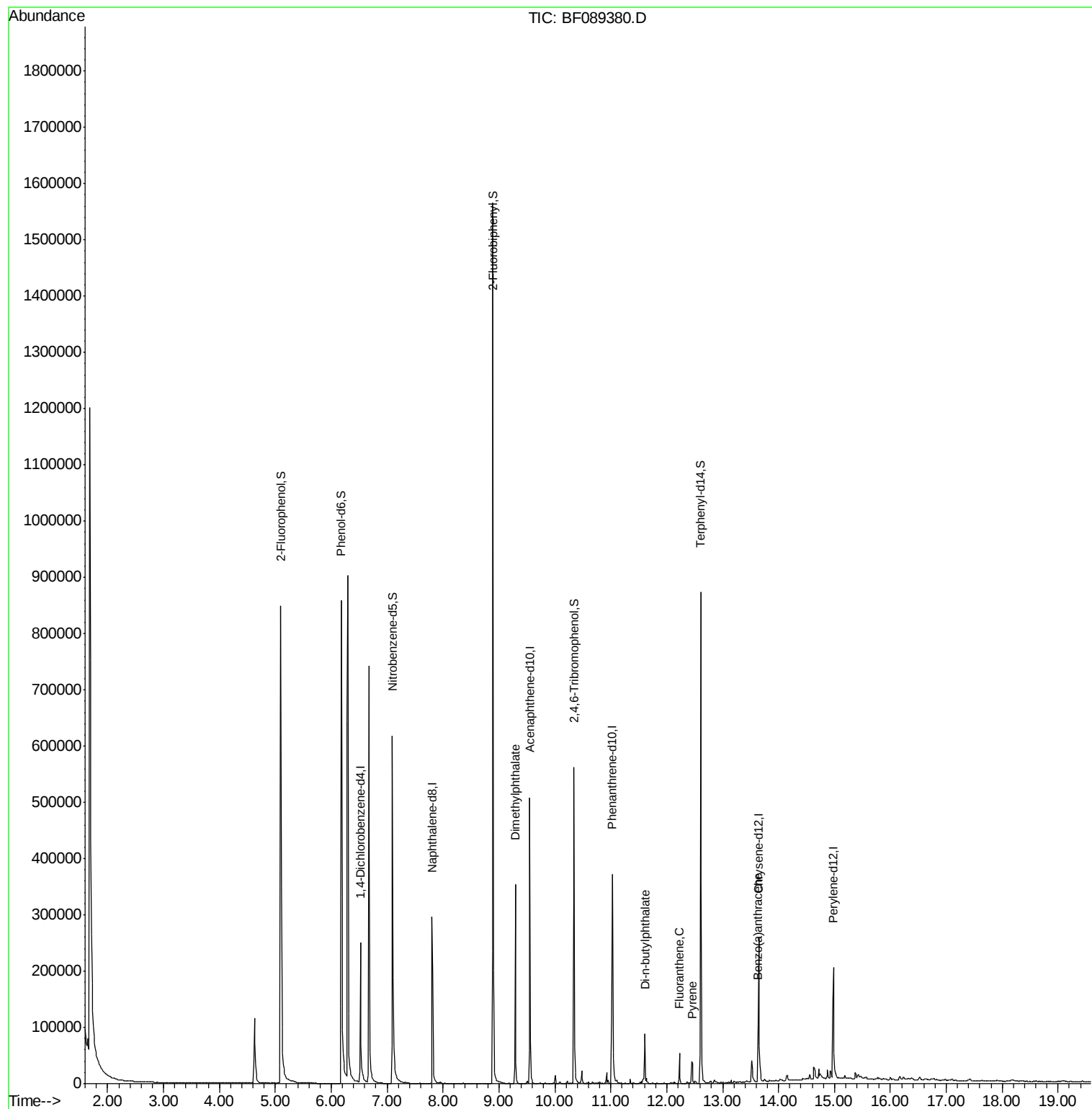
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	49506	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	204821	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	98492	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	164025	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	98183	20.00	ng	-0.02
86) Perylene-d12	14.98	264	100670	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	312697	100.85	ng	-0.01
7) Phenol-d6	6.18	99	410054	100.08	ng	-0.02
23) Nitrobenzene-d5	7.10	82	270885	78.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	78824	96.63	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	489693	72.97	ng	-0.02
78) Terphenyl-d14	12.61	244	297665	70.96	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.29	163	134525	17.95	ng	99
73) Di-n-butylphthalate	11.61	149	64416	6.06	ng	# 97
74) Fluoranthene	12.23	202	25936	2.91	ng	99
77) Pyrene	12.46	202	22913	3.08	ng	98
80) Benzo(a)anthracene	13.63	228	11305	2.04	ng	98

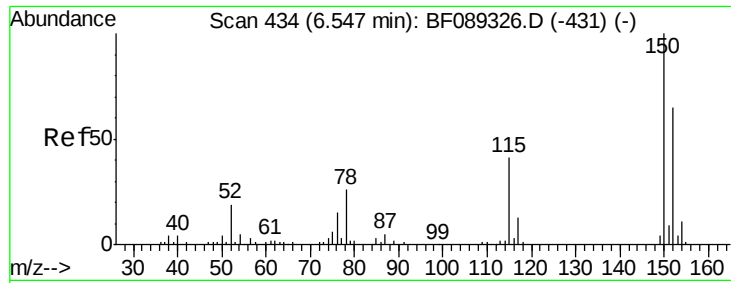
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-39-0.5-1.5

Quant Time: Jul 29 03:06:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089380.D

Acq: 28 Jul 2016 23:41

Instrument :

BNA_F

ClientSampleId :

SB-39-0.5-1.5

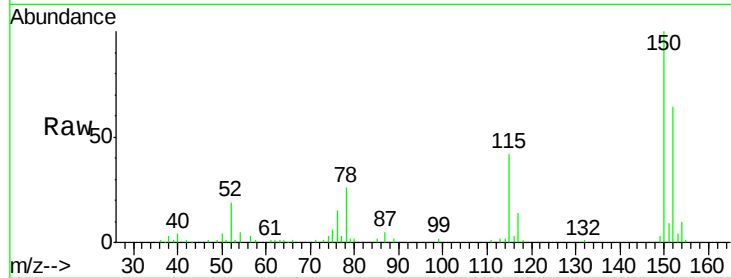
Tgt Ion:152 Resp: 49506

Ion Ratio Lower Upper

152 100

150 155.1 129.5 194.3

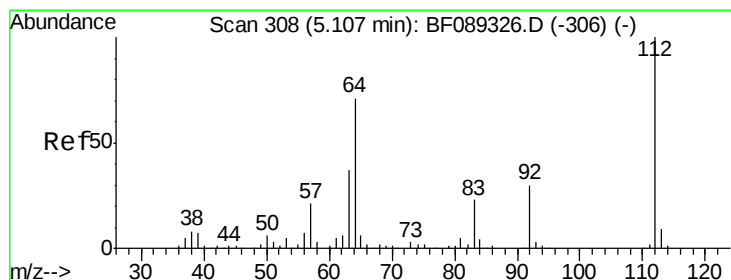
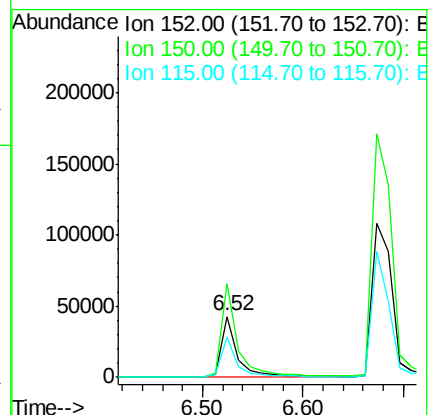
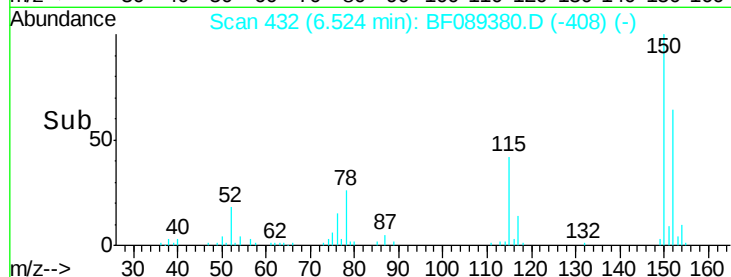
115 65.1 51.4 77.2



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: 100.85 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.01 min

Lab File: BF089380.D

Acq: 28 Jul 2016 23:41

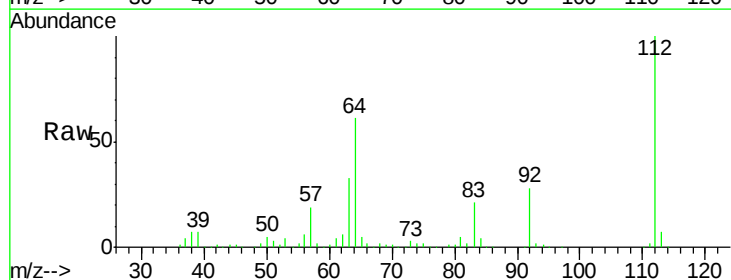
Tgt Ion:112 Resp: 312697

Ion Ratio Lower Upper

112 100

64 61.2 55.0 82.6

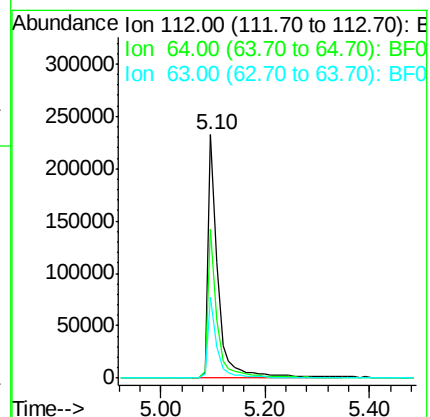
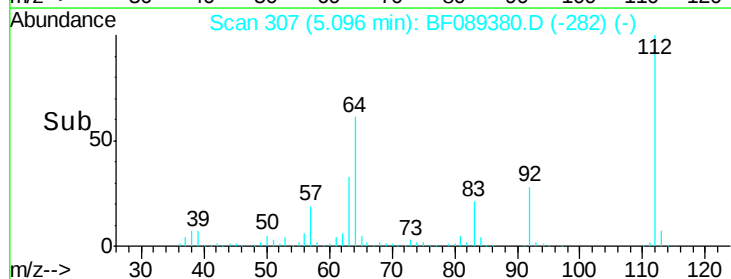
63 33.2 29.4 44.2



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: 100.08 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089380.D

Acq: 28 Jul 2016 23:41

Instrument :

BNA_F

ClientSampleId :

SB-39-0.5-1.5

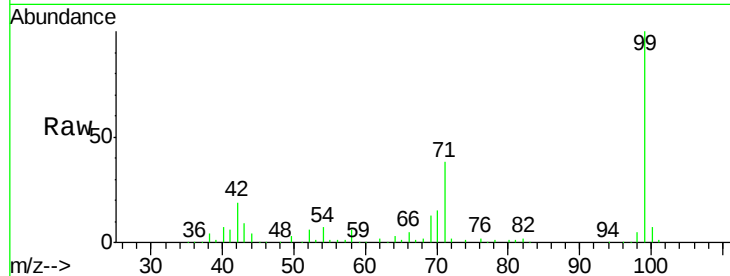
Tgt Ion: 99 Resp: 410054

Ion Ratio Lower Upper

99 100

42 18.6 13.6 20.4

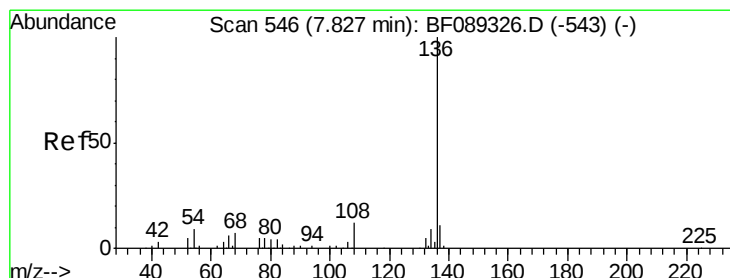
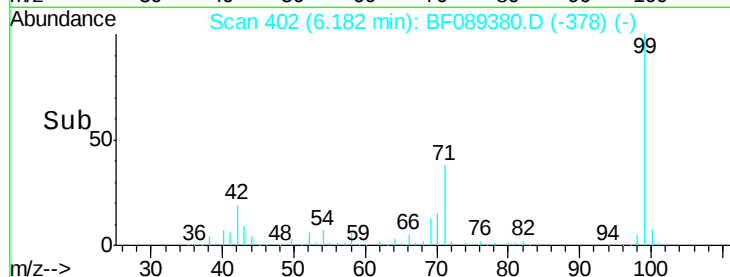
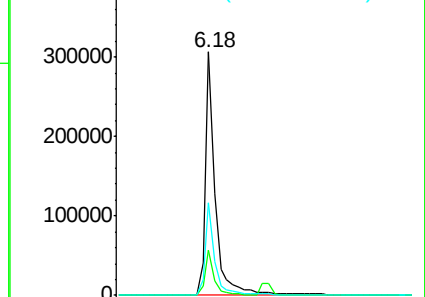
71 38.3 29.4 44.2



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: 7.80 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF089380.D

Acq: 28 Jul 2016 23:41

Tgt Ion: 136 Resp: 204821

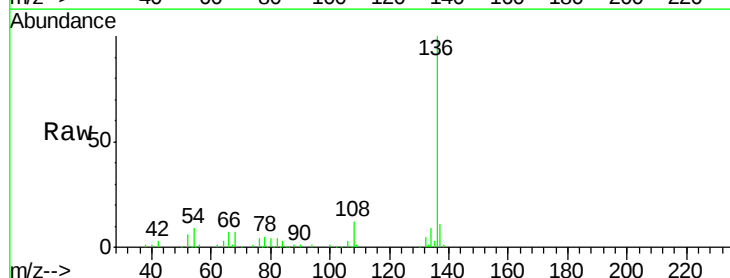
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.3 7.0 10.4

68 7.0 4.9 7.3

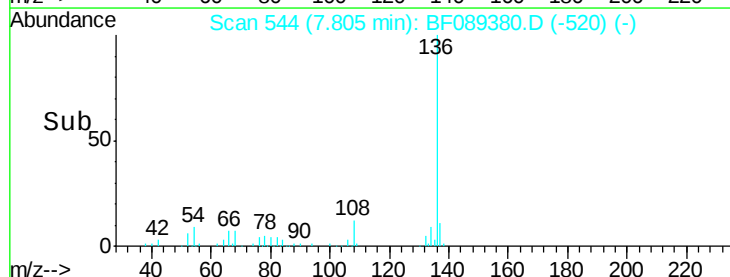
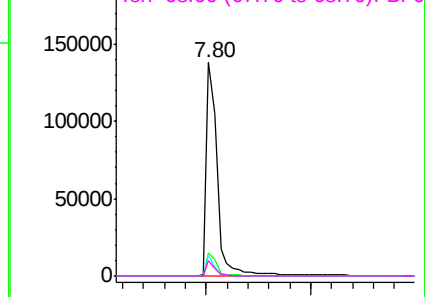


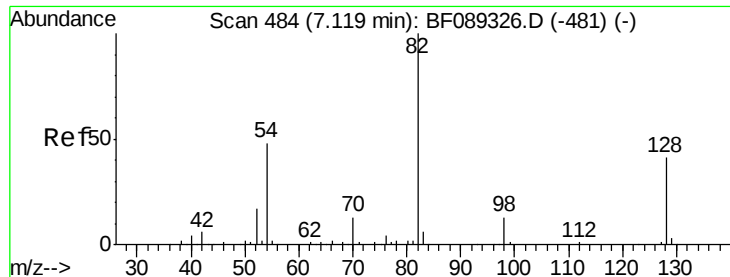
Abundance Ion 136.00 (135.70 to 136.70): E

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

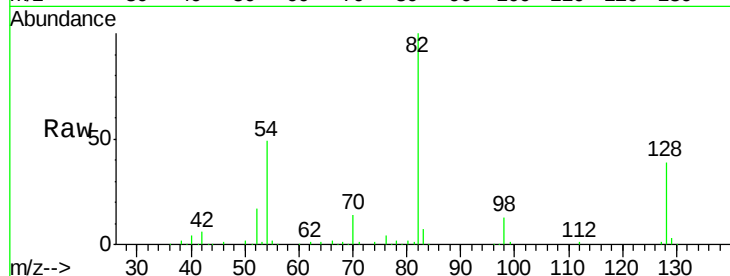




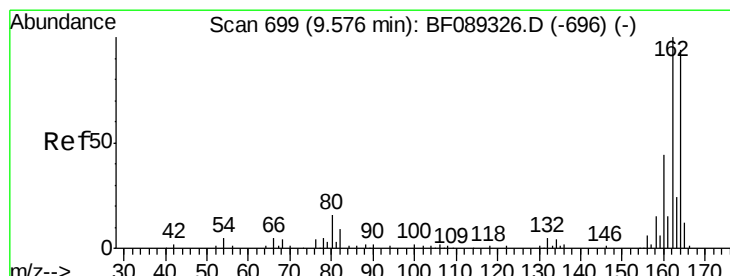
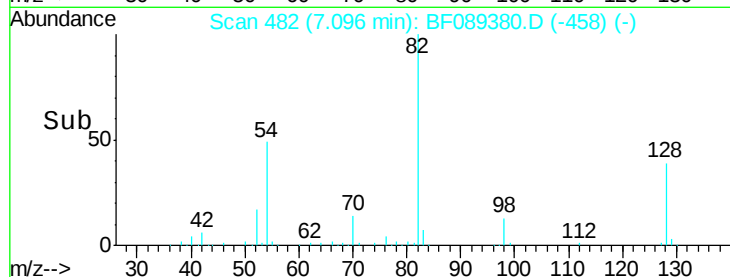
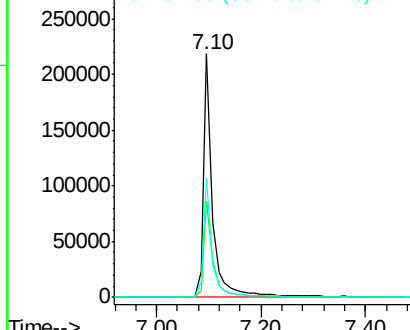
#23
 Nitrobenzene-d5
 Concen: 78.06 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089380.D
 Acq: 28 Jul 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-39-0.5-1.5

Tgt Ion: 82 Resp: 270885
 Ion Ratio Lower Upper
 82 100
 128 39.4 32.5 48.7
 54 49.0 38.8 58.2

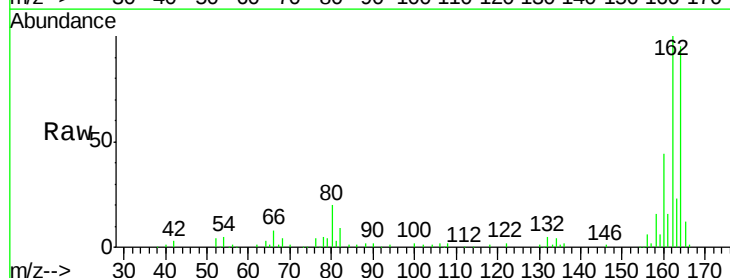


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

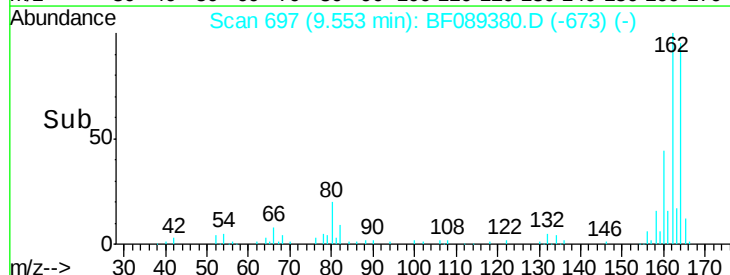
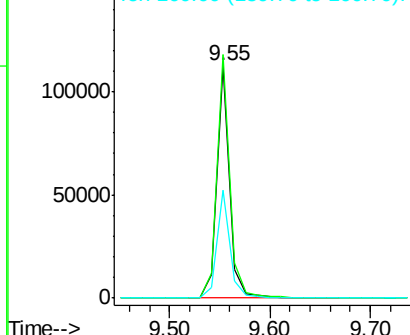


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089380.D
 Acq: 28 Jul 2016 23:41

Tgt Ion: 164 Resp: 98492
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.7 125.5
 160 46.2 37.8 56.6



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

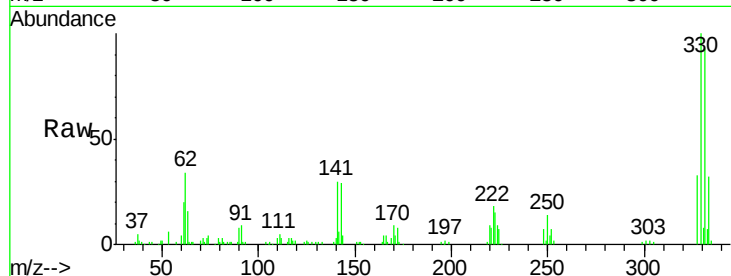




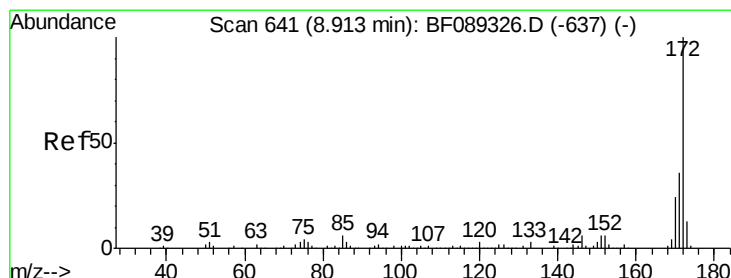
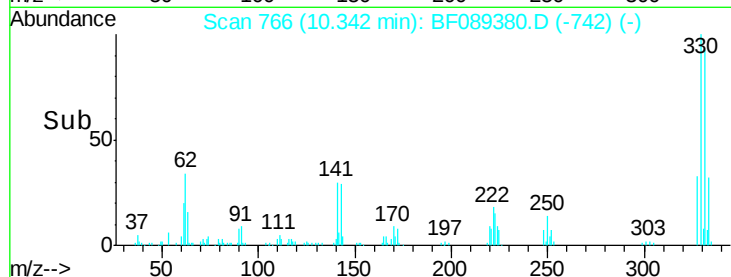
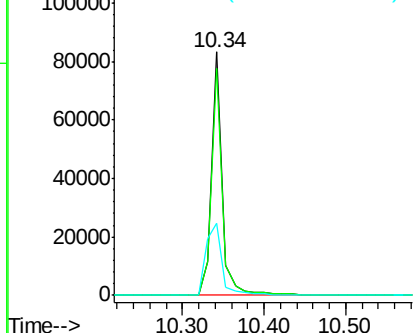
#41
 2,4,6-Tribromophenol
 Concen: 96.63 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089380.D
 Acq: 28 Jul 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-39-0.5-1.5

Tgt Ion:330 Resp: 78824
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.8 115.2
 141 43.8 37.3 55.9

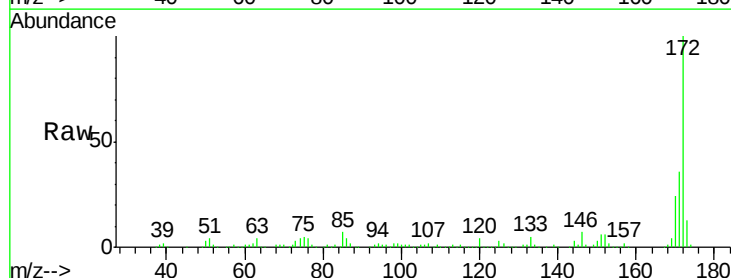


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

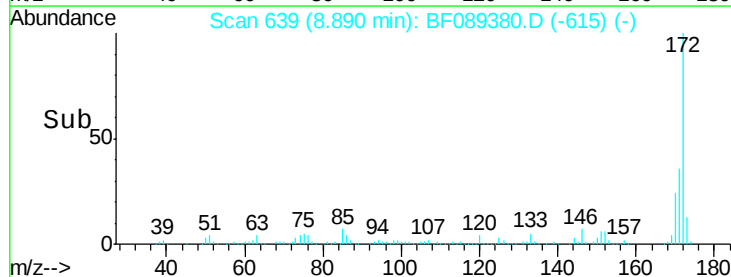
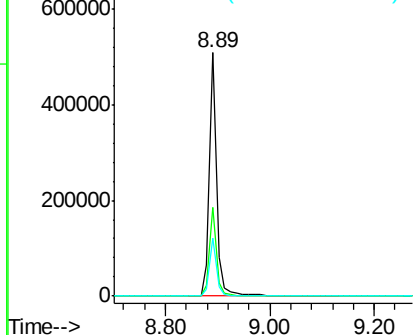


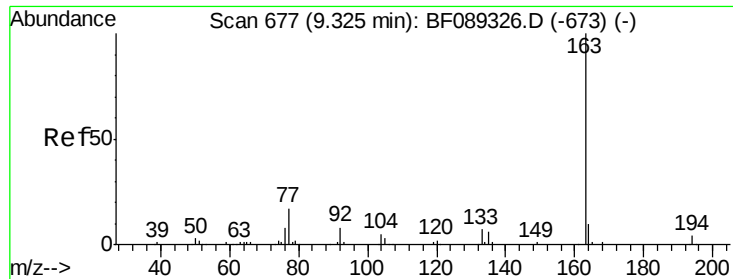
#44
 2-Fluorobiphenyl
 Concen: 72.97 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089380.D
 Acq: 28 Jul 2016 23:41

Tgt Ion:172 Resp: 489693
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 23.9 19.2 28.8



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

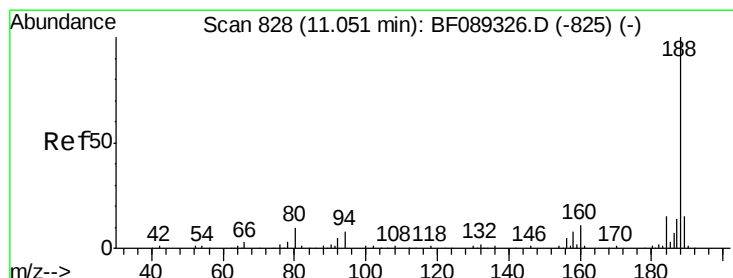
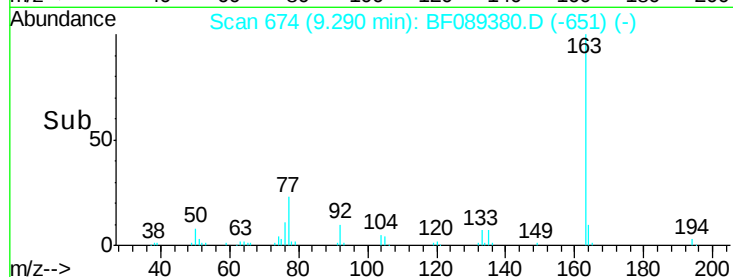
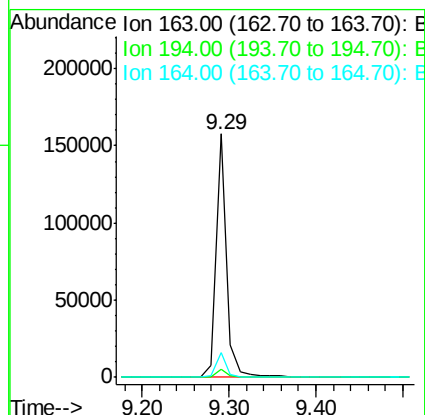
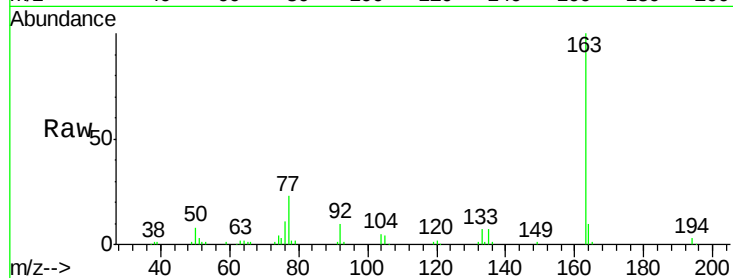




#49
Dimethylphthalate
Concen: 17.95 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF089380.D
Acq: 28 Jul 2016 23:41

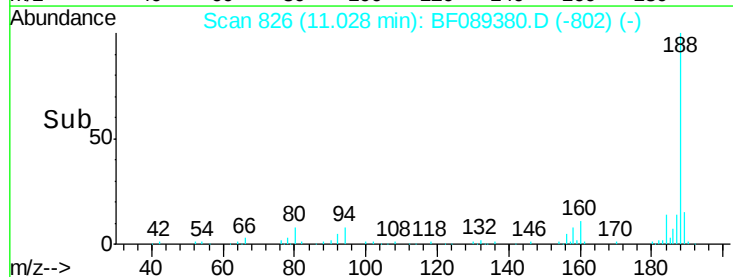
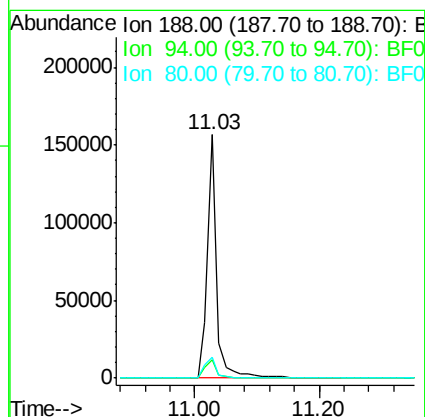
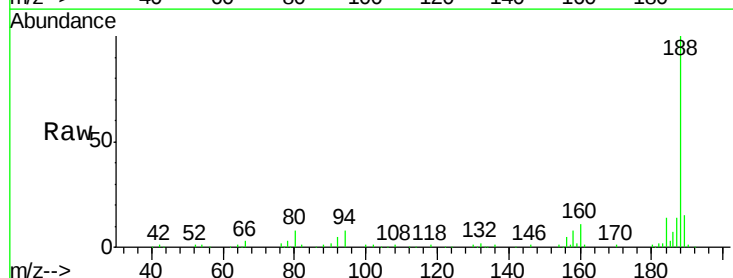
Instrument :
BNA_F
ClientSampleId :
SB-39-0.5-1.5

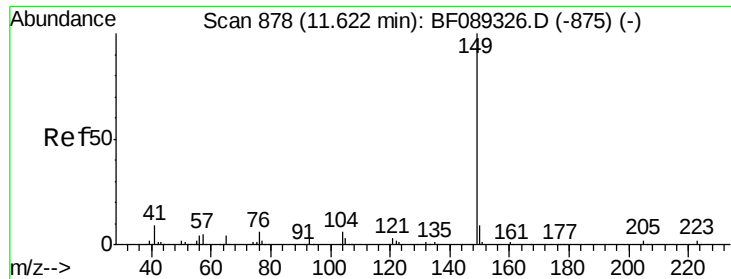
Tgt Ion:163 Resp: 134525
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.1 7.8 11.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089380.D
Acq: 28 Jul 2016 23:41

Tgt Ion:188 Resp: 164025
Ion Ratio Lower Upper
188 100
94 7.8 6.5 9.7
80 8.4 7.2 10.8





#73

Di-n-butylphthalate

Concen: 6.06 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF089380.D

Acq: 28 Jul 2016 23:41

Instrument :

BNA_F

ClientSampleId :

SB-39-0.5-1.5

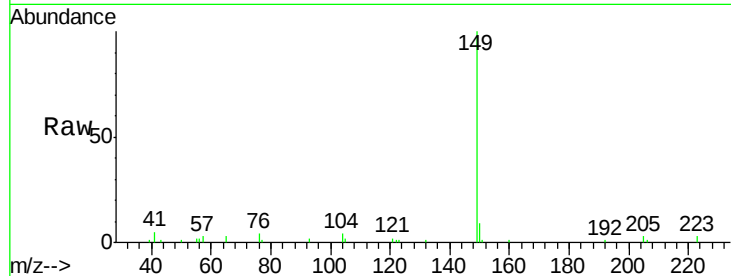
Tgt Ion:149 Resp: 64416

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

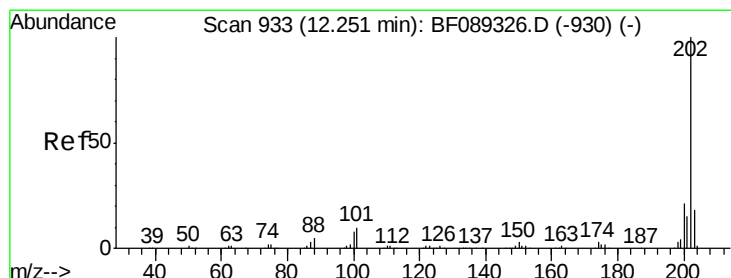
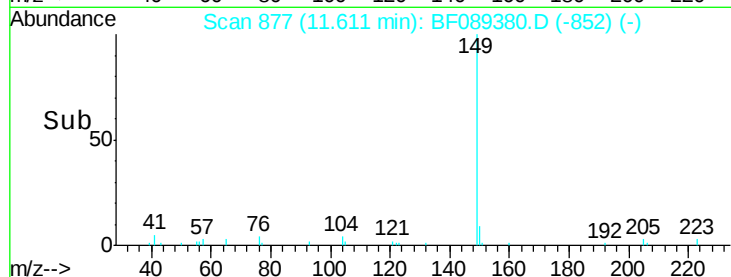
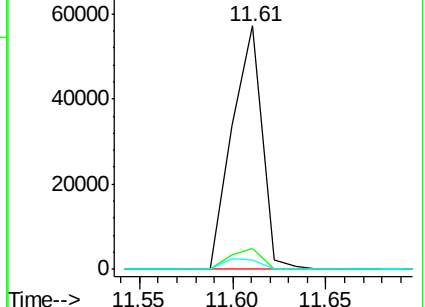
104 4.0 4.7 7.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.91 ng

RT: 12.23 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF089380.D

Acq: 28 Jul 2016 23:41

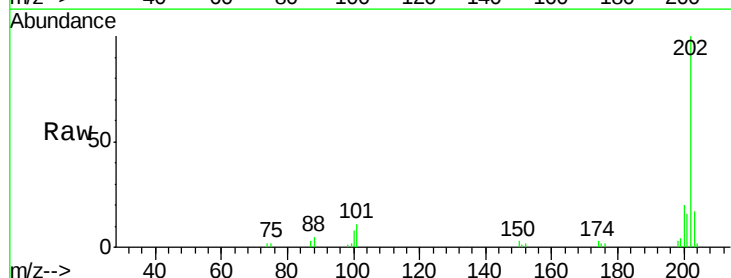
Tgt Ion:202 Resp: 25936

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.9

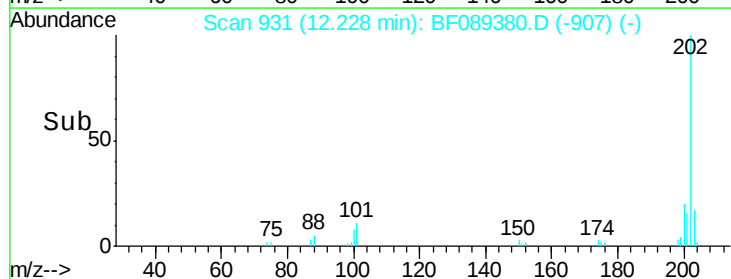
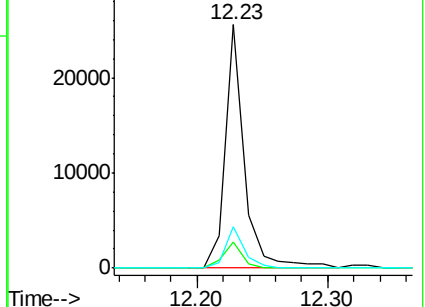
203 17.1 0.0 37.3

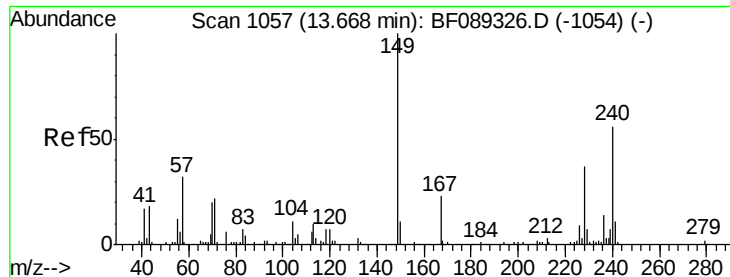


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089380.D

Acq: 28 Jul 2016 23:41

Instrument :

BNA_F

ClientSampleId :

SB-39-0.5-1.5

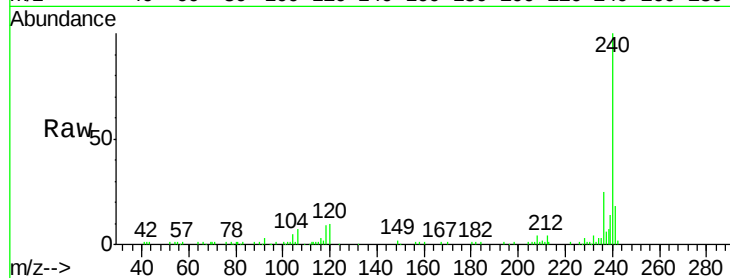
Tgt Ion:240 Resp: 98183

Ion Ratio Lower Upper

240 100

120 10.2 9.1 13.7

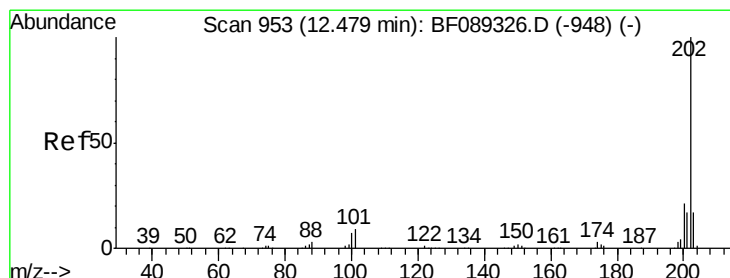
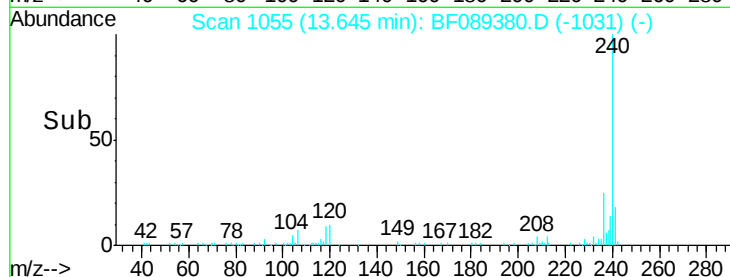
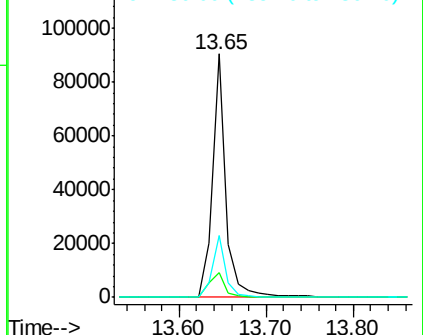
236 25.5 20.6 30.8



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



#77

Pyrene

Concen: 3.08 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF089380.D

Acq: 28 Jul 2016 23:41

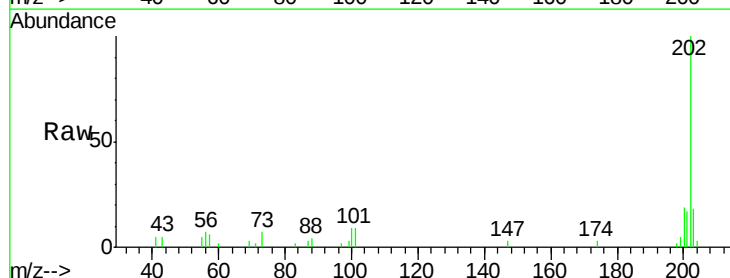
Tgt Ion:202 Resp: 22913

Ion Ratio Lower Upper

202 100

200 19.5 16.9 25.3

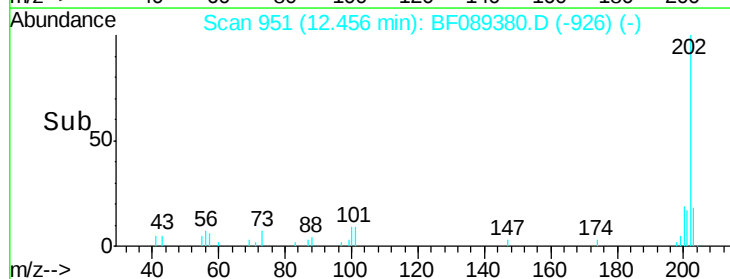
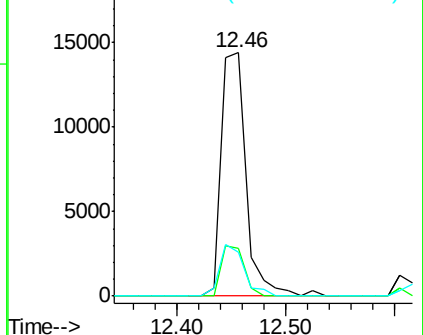
203 18.0 14.0 21.0

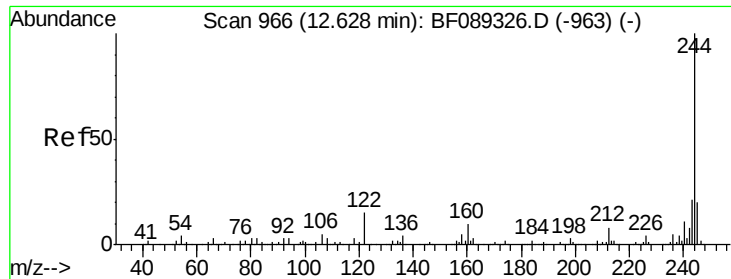


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

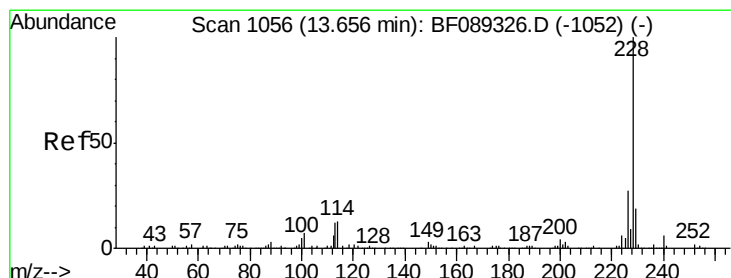
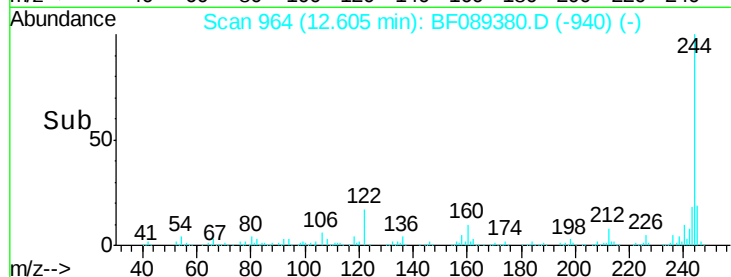
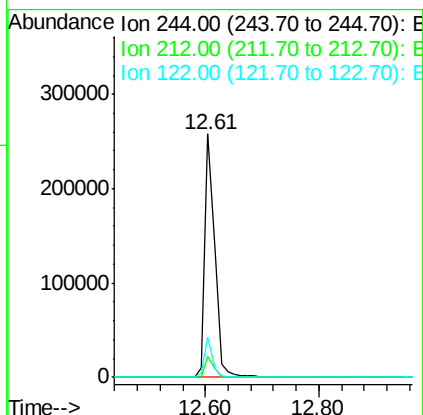
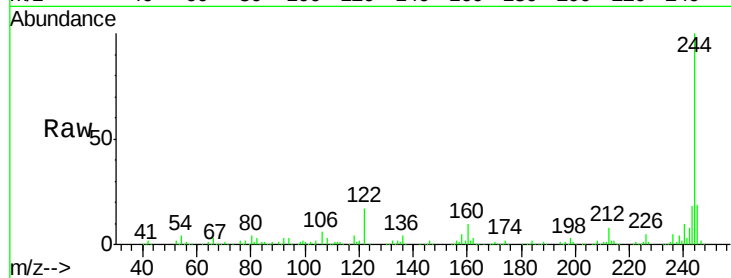




#78
 Terphenyl-d14
 Concen: 70.96 ng
 RT: 12.61 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF089380.D
 Acq: 28 Jul 2016 23:41

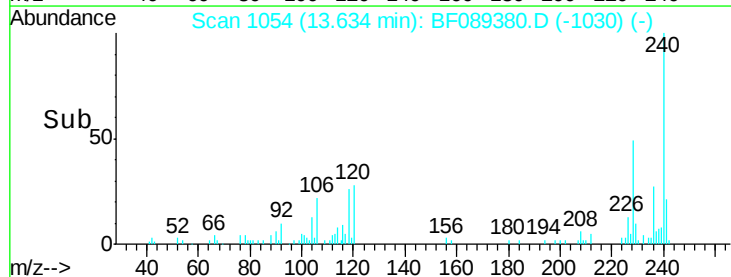
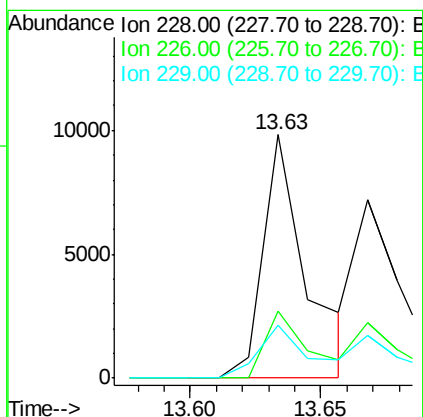
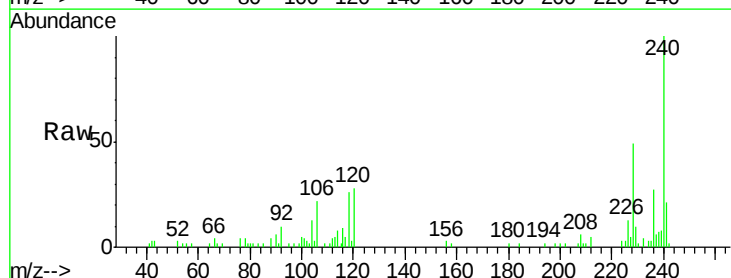
Instrument :
 BNA_F
 ClientSampleId :
 SB-39-0.5-1.5

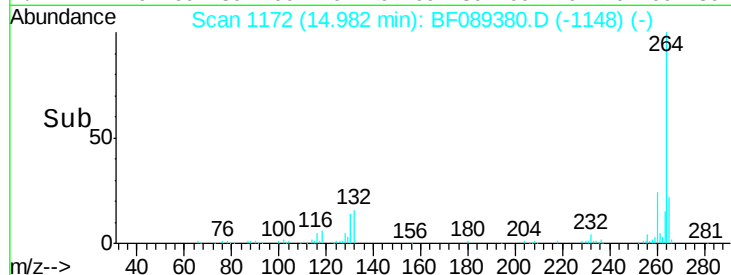
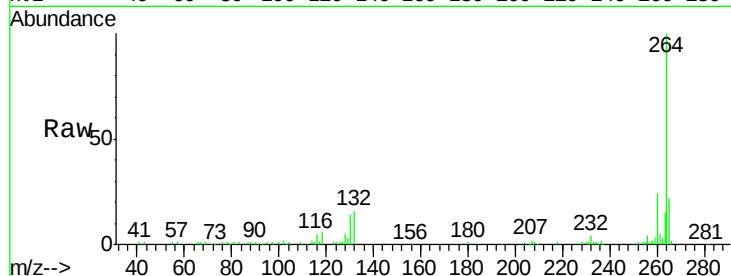
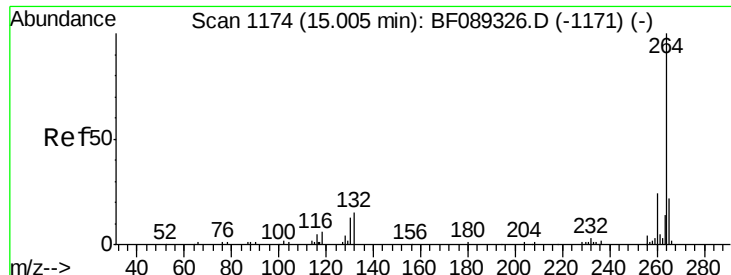
Tgt Ion:244 Resp: 297665
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 16.7 11.4 17.0



#80
 Benzo(a)anthracene
 Concen: 2.04 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF089380.D
 Acq: 28 Jul 2016 23:41

Tgt Ion:228 Resp: 11305
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.4 32.2
 229 21.5 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089380.D
Acq: 28 Jul 2016 23:41

Instrument :
BNA_F
ClientSampleId :
SB-39-0.5-1.5

Tgt Ion:	264	Resp:	100670
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	21.5	17.5	26.3

