

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089480.D
 Acq On : 31 Jul 2016 19:48
 Operator : UM/SJ
 Sample : H4251-05 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSS-1

Quant Time: Aug 01 06:36:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	33841	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	120823	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	49371	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	79590	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	89392	20.00	ng	-0.01
86) Perylene-d12	14.94	264	89326	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	40271	19.00	ng	0.00
7) Phenol-d6	6.15	99	59125	21.11	ng	-0.02
23) Nitrobenzene-d5	7.06	82	34627	16.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	6766	16.55	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	60167	17.88	ng	-0.01
78) Terphenyl-d14	12.57	244	48955	12.82	ng	-0.01

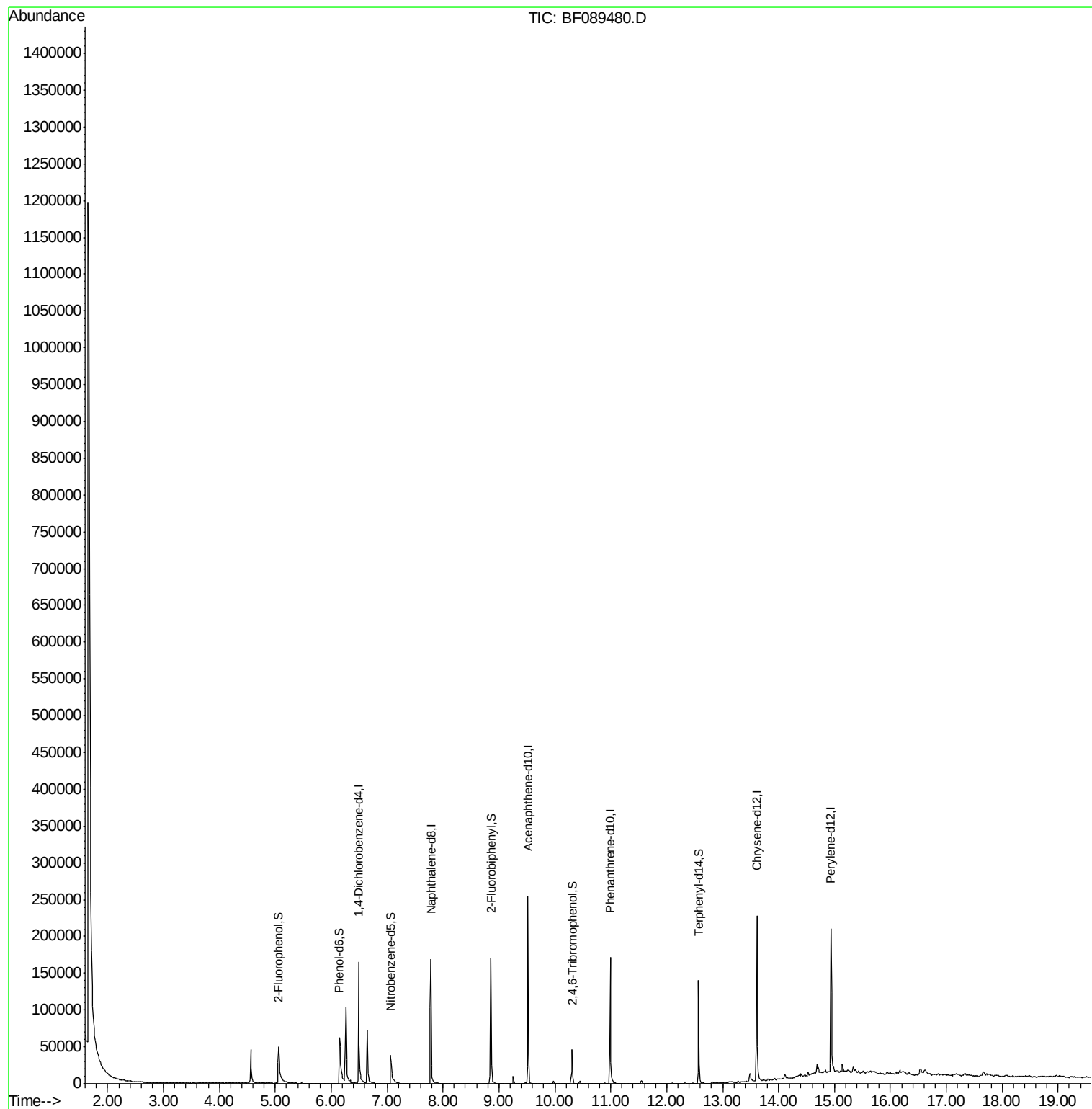
Target Compounds Qvalue

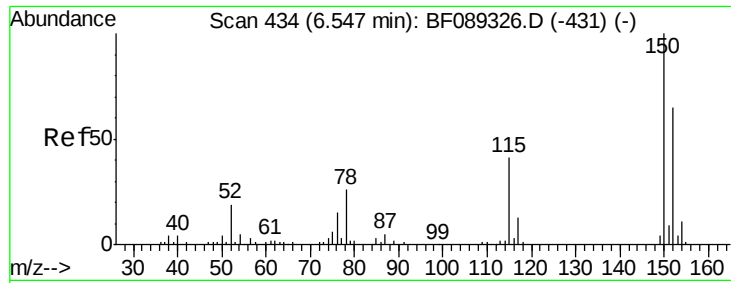
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF089480.D

Acq: 31 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

KSS-1

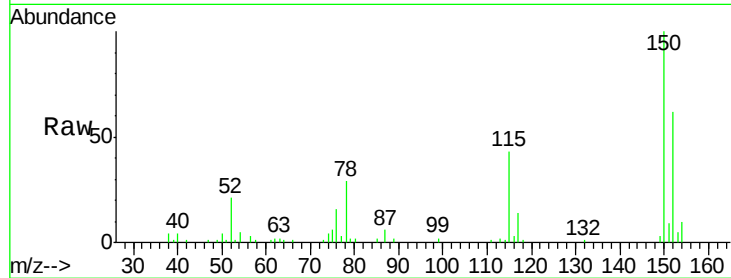
Tot Ion:152 Resp: 33841

Ion Ratio Lower Upper

152 100

150 160.6 129.5 194.3

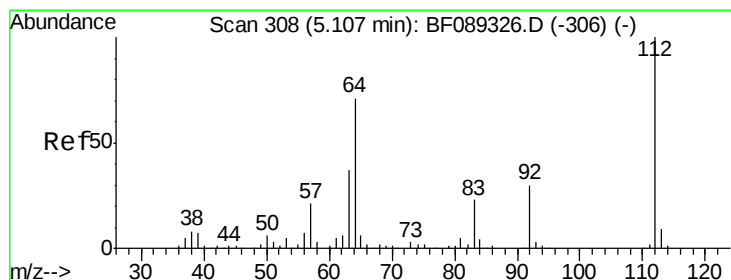
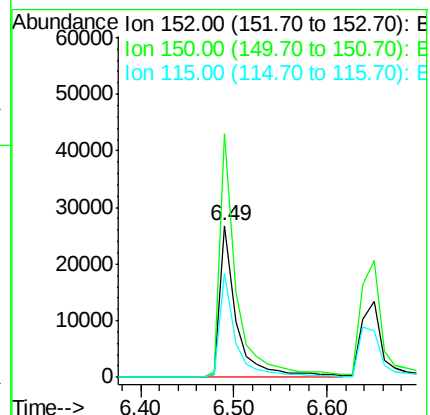
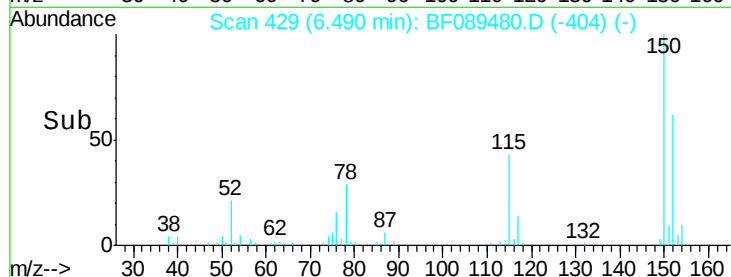
115 68.4 51.4 77.2



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: 19.00 ng

RT: 5.06 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF089480.D

Acq: 31 Jul 2016 19:48

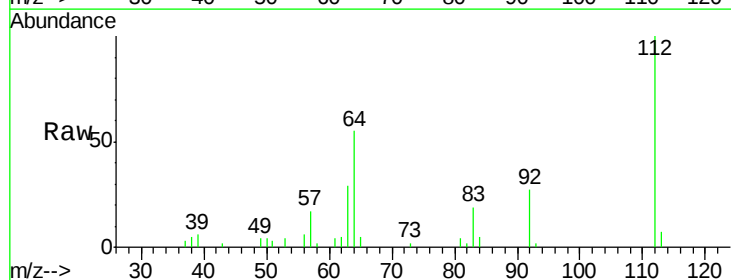
Tgt Ion:112 Resp: 40271

Ion Ratio Lower Upper

112 100

64 55.4 55.0 82.6

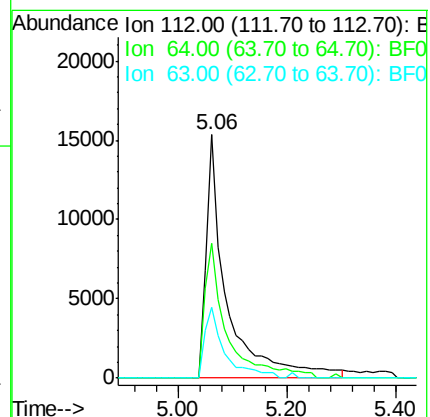
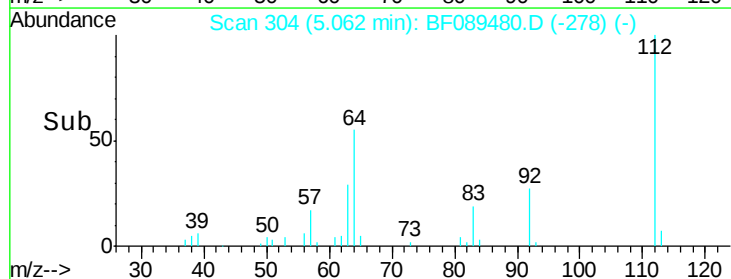
63 29.2 29.4 44.2#



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: 21.11 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF089480.D

Acq: 31 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

KSS-1

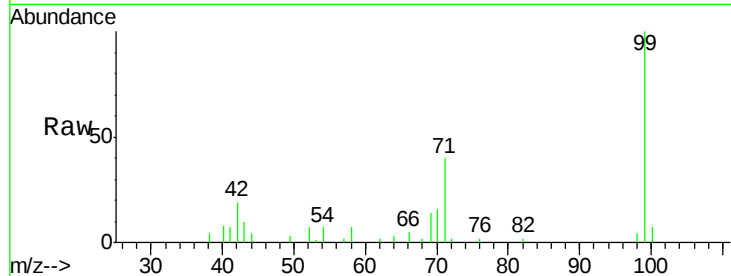
Tot Ion: 99 Resp: 59125

Ion Ratio Lower Upper

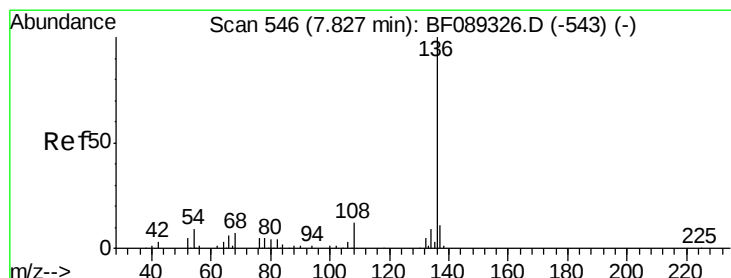
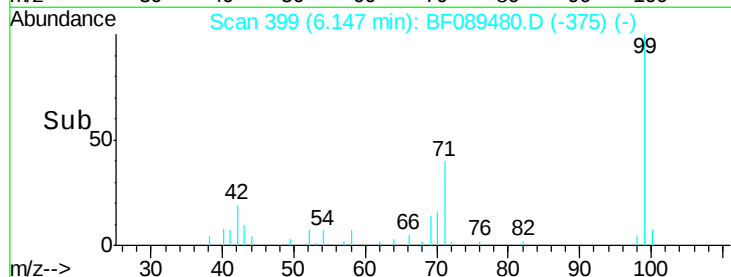
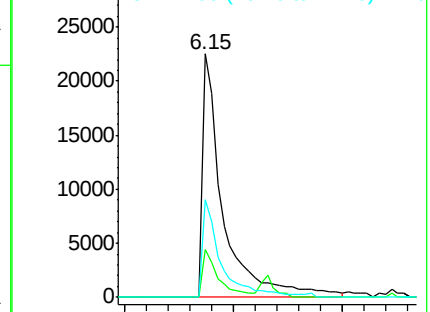
99 100

42 19.5 13.6 20.4

71 40.0 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: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF089480.D

Acq: 31 Jul 2016 19:48

Tgt Ion: 136 Resp: 120823

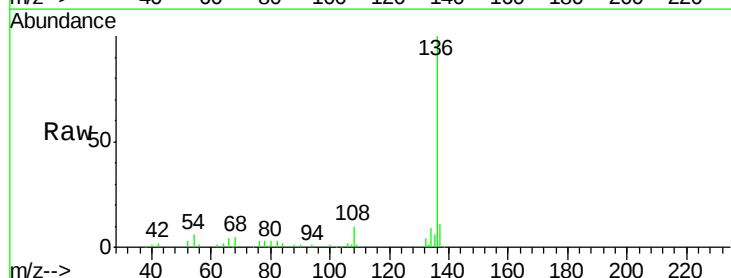
Ion Ratio Lower Upper

136 100

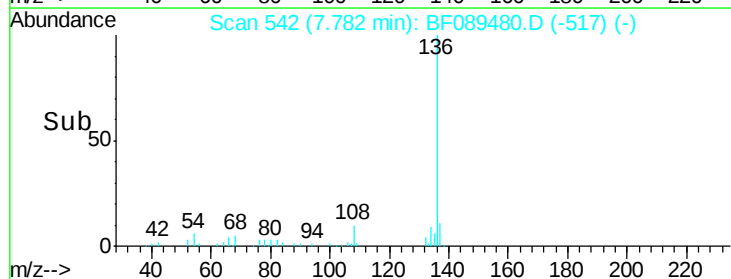
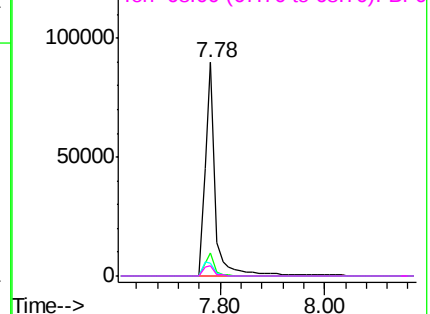
137 10.6 8.6 13.0

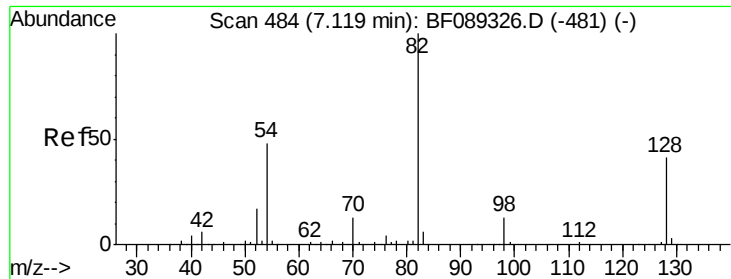
54 5.8 7.0 10.4#

68 4.6 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

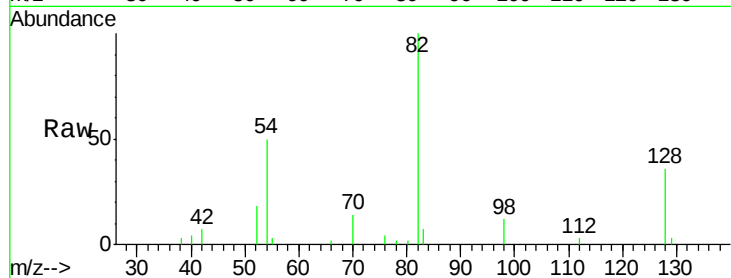




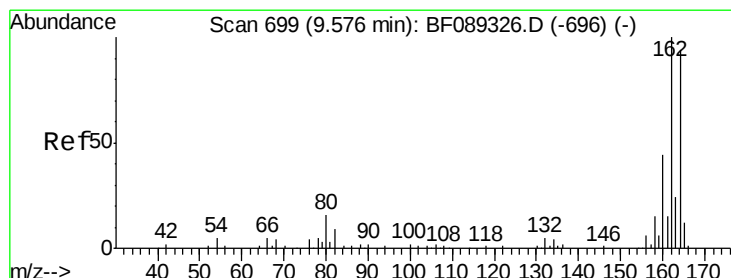
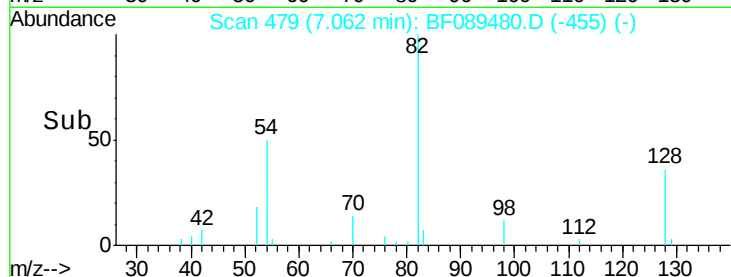
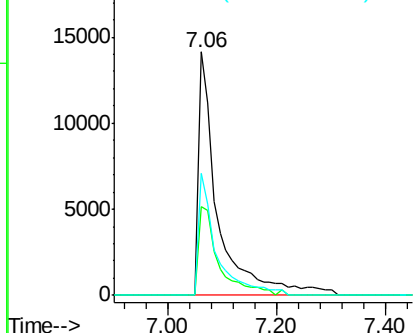
#23
 Nitrobenzene-d5
 Concen: 16.92 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.02 min
 Lab File: BF089480.D
 Acq: 31 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampled :
 KSS-1

Tot Ion: 82 Resp: 34627
 Ion Ratio Lower Upper
 82 100
 128 36.2 32.5 48.7
 54 50.1 38.8 58.2

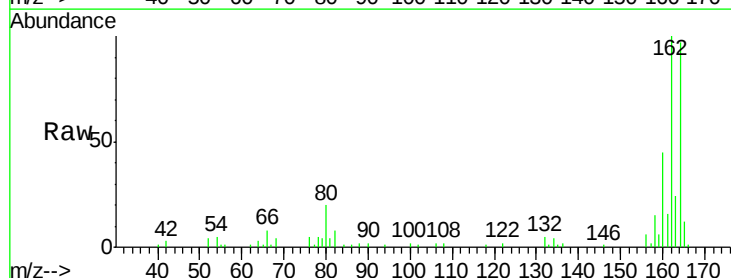


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

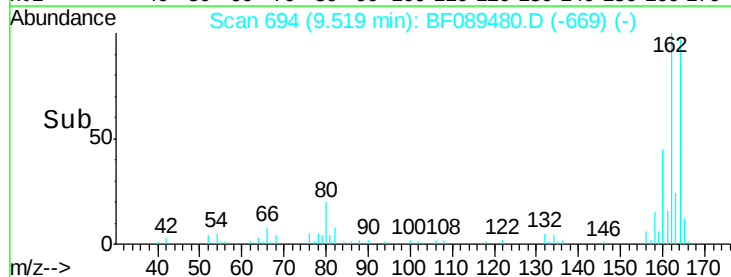
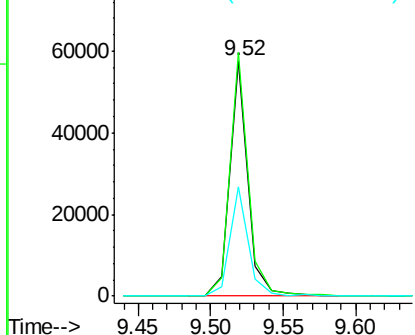


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF089480.D
 Acq: 31 Jul 2016 19:48

Tgt Ion: 164 Resp: 49371
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.7 125.5
 160 46.6 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

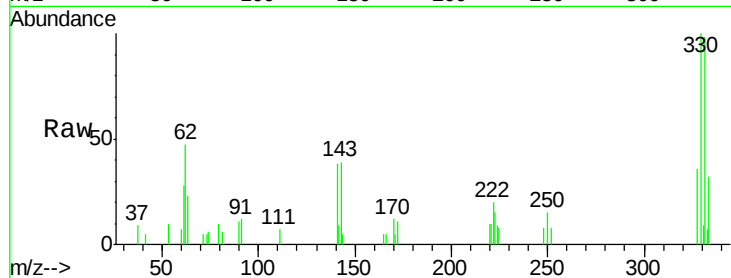




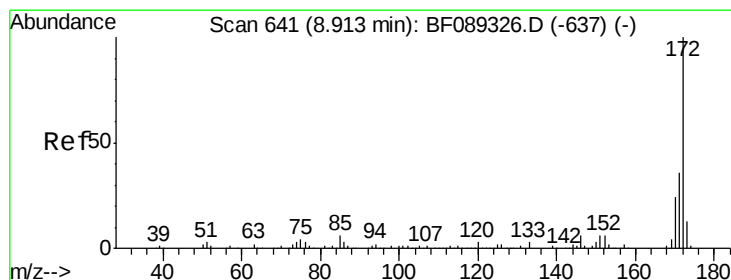
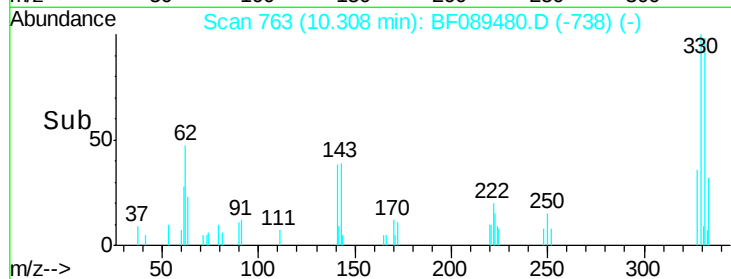
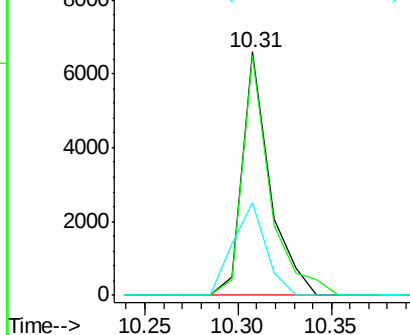
#41
 2,4,6-Tribromophenol
 Concen: 16.55 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF089480.D
 Acq: 31 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 KSS-1

Tot Ion:330 Resp: 6766
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.8 115.2
 141 45.8 37.3 55.9

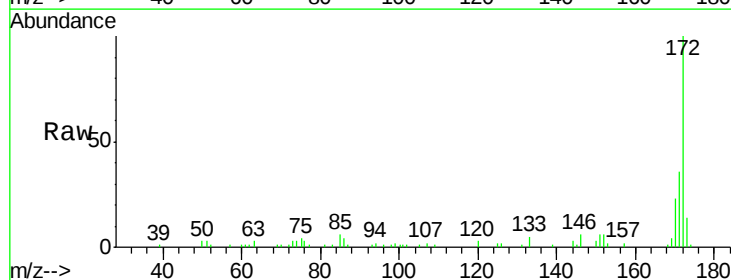


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

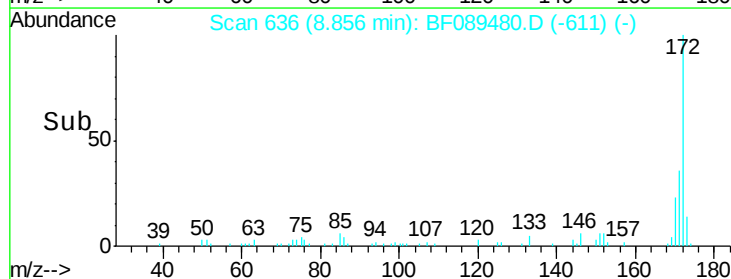
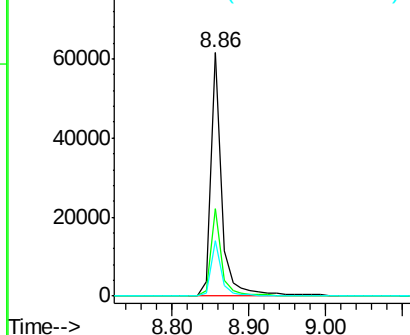


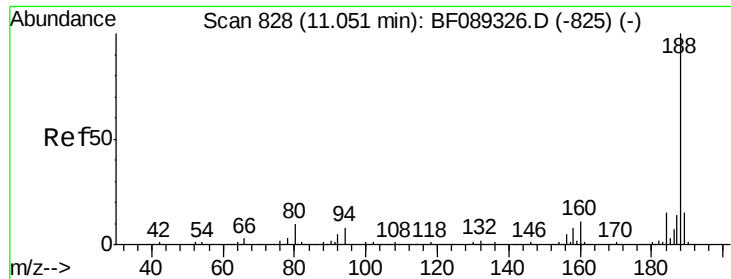
#44
 2-Fluorobiphenyl
 Concen: 17.88 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089480.D
 Acq: 31 Jul 2016 19:48

Tgt Ion:172 Resp: 60167
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.0 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

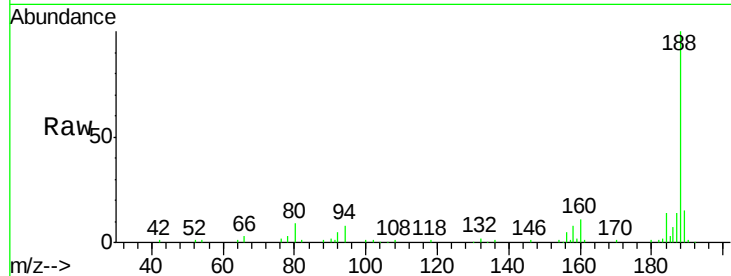




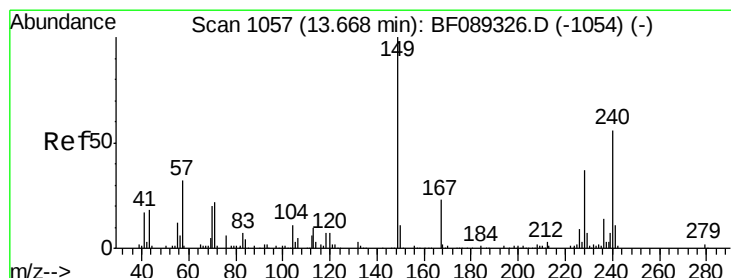
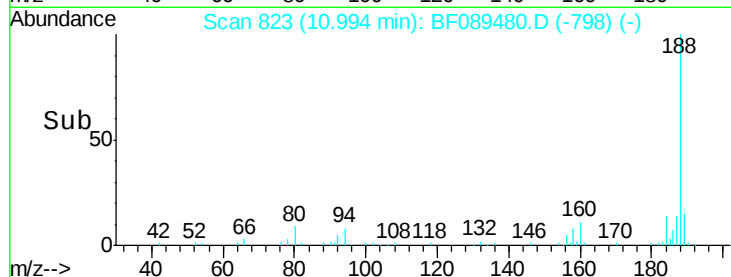
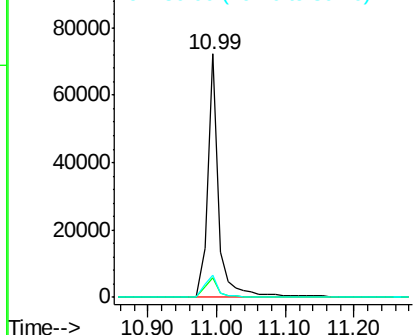
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089480.D
Acq: 31 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
KSS-1

Tot Ion:188 Resp: 79590
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.3 7.2 10.8

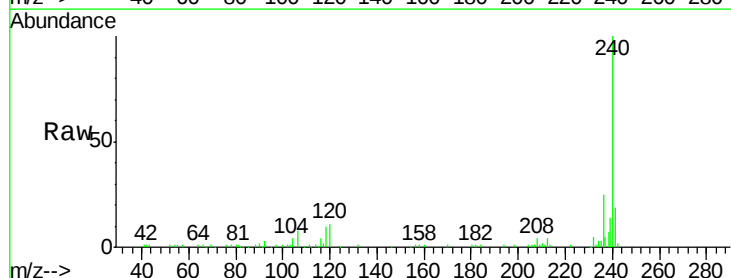


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

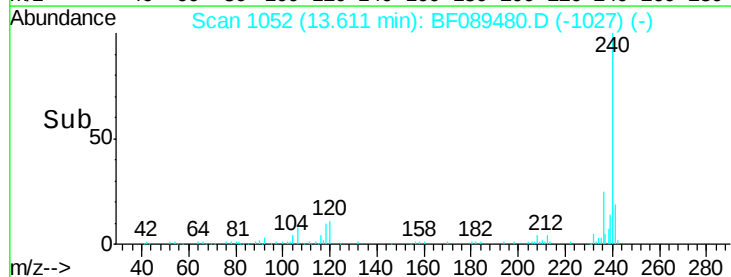
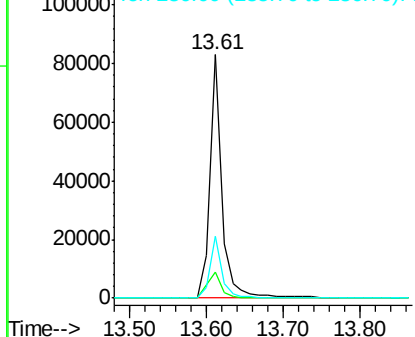


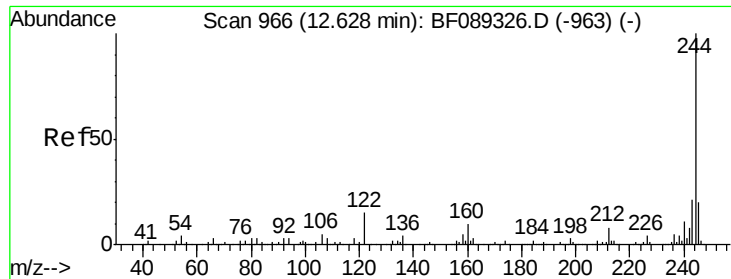
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF089480.D
Acq: 31 Jul 2016 19:48

Tgt Ion:240 Resp: 89392
Ion Ratio Lower Upper
240 100
120 10.9 9.1 13.7
236 25.2 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

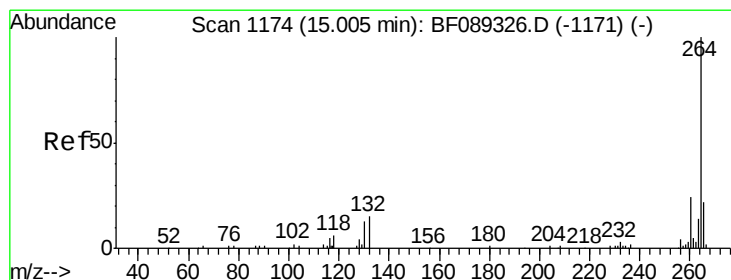
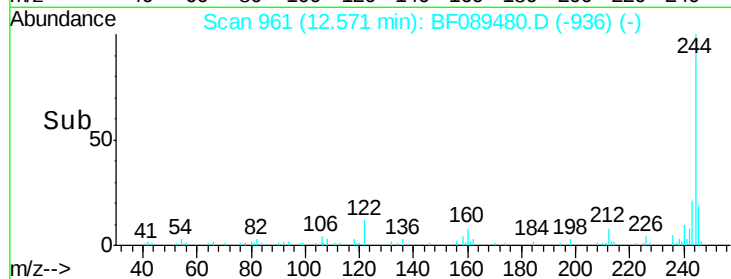
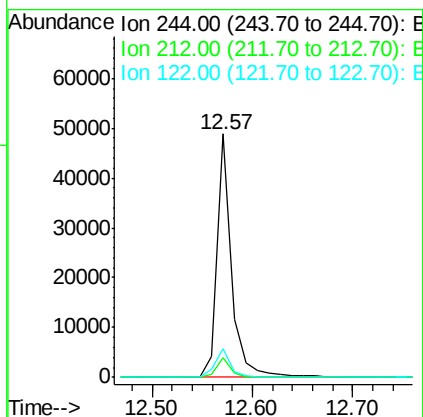
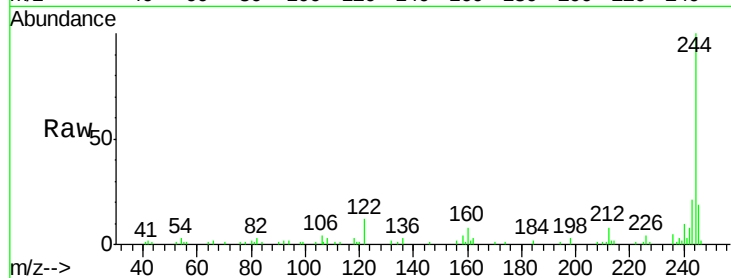




#78
 Terphenyl-d14
 Concen: 12.82 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF089480.D
 Acq: 31 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 KSS-1

Tot Ion:244 Resp: 48955
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 11.8 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF089480.D
 Acq: 31 Jul 2016 19:48

Tgt Ion:264 Resp: 89326
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.4 17.5 26.3

