

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
 Data File : BF089033.D
 Acq On : 15 Jul 2016 23:33
 Operator : UM/SJ
 Sample : H4073-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-01

Quant Time: Jul 16 02:08:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 16 00:31:51 2016
 Response via : Initial Calibration

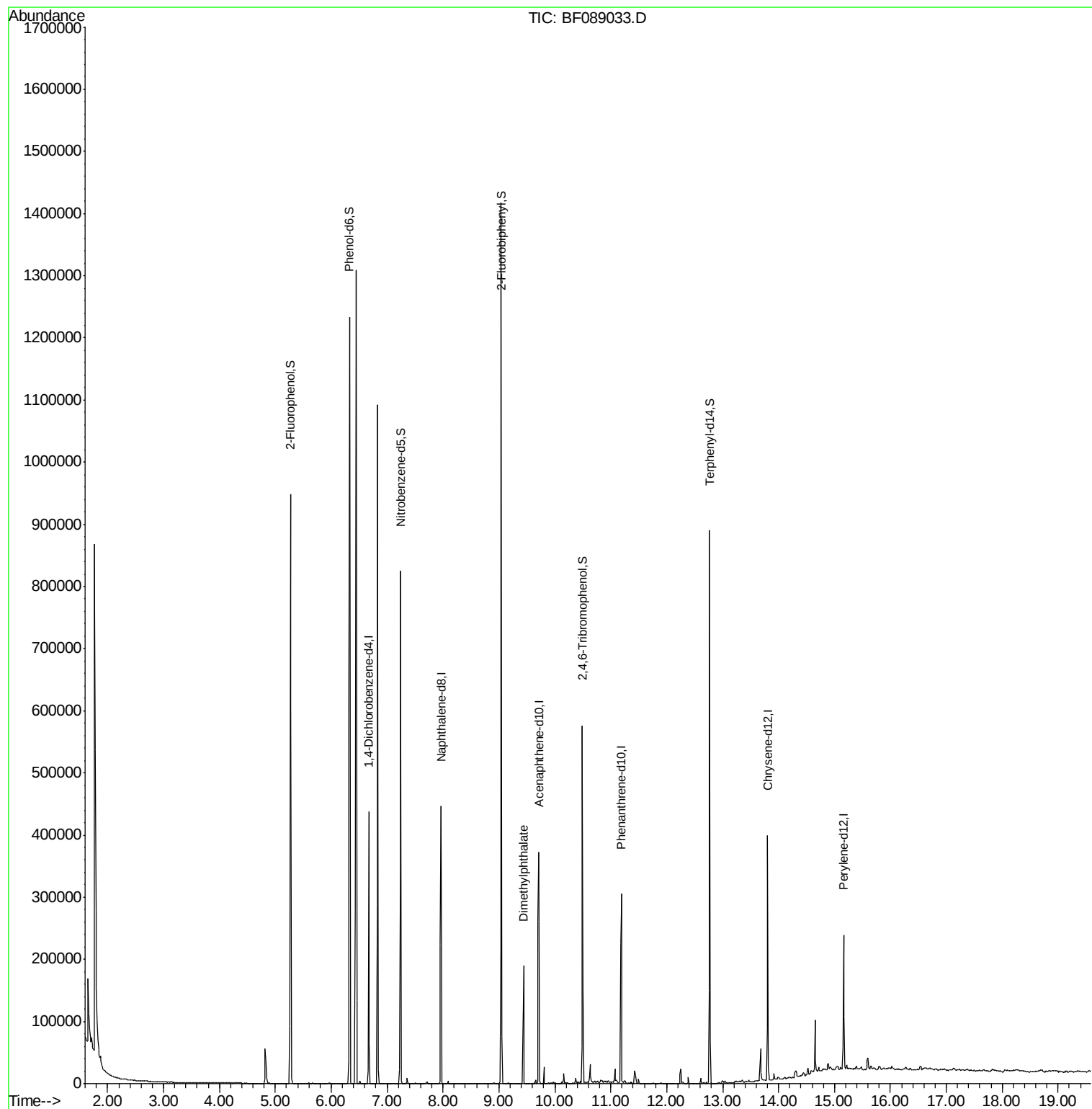
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	57665	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	234069	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	93585	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	146919	20.00	ng	0.00
75) Chrysene-d12	13.81	240	116907	20.00	ng	-0.01
86) Perylene-d12	15.17	264	82284	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	334380	86.90	ng	0.00
7) Phenol-d6	6.33	99	457730	92.07	ng	0.00
23) Nitrobenzene-d5	7.24	82	292341	65.45	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	55376	63.72	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	385980	65.15	ng	0.00
78) Terphenyl-d14	12.77	244	237291	45.21	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	91598	13.74	ng	99

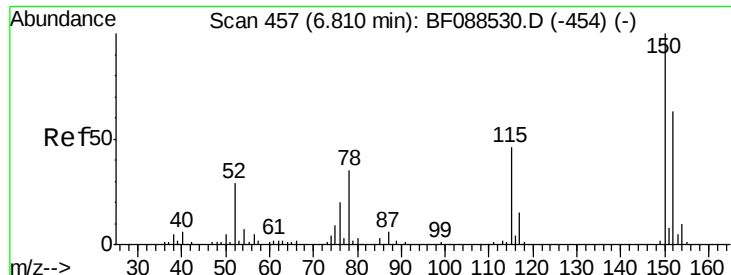
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

Instrument :

BNA_F

ClientSampleId :

TS-01

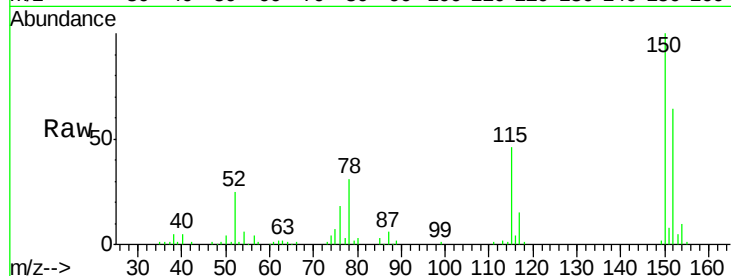
Tot Ion:152 Resp: 57665

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

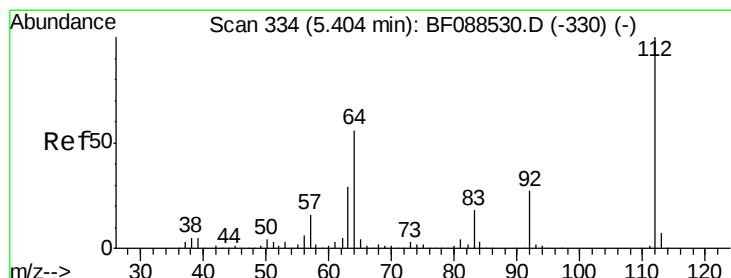
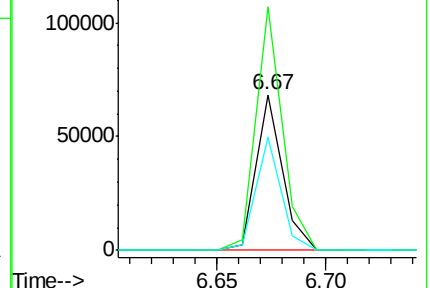
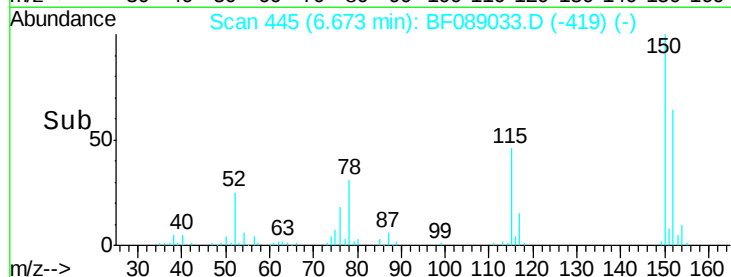
115 72.4 39.6 59.4#



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: 86.90 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.00 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

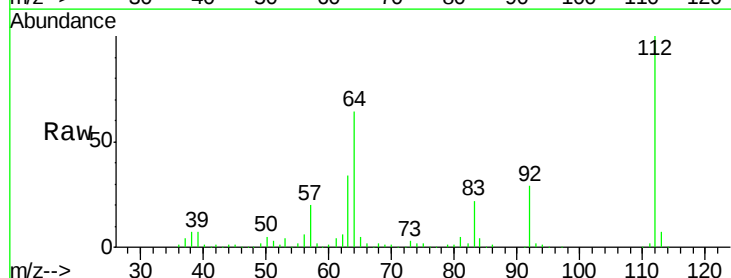
Tgt Ion:112 Resp: 334380

Ion Ratio Lower Upper

112 100

64 63.6 42.2 63.2#

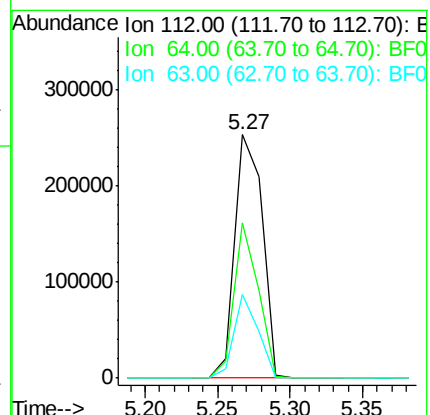
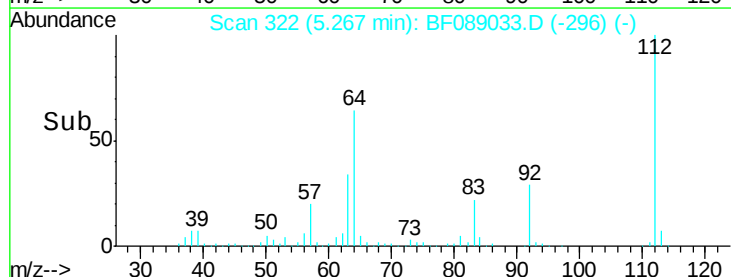
63 34.4 21.8 32.8#



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: 92.07 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

Instrument :

BNA_F

ClientSampleId :

TS-01

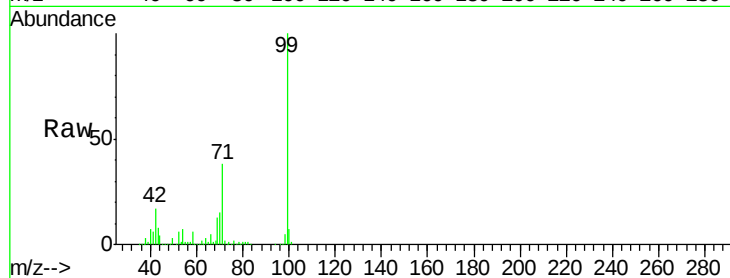
Tot Ion: 99 Resp: 457730

Ion Ratio Lower Upper

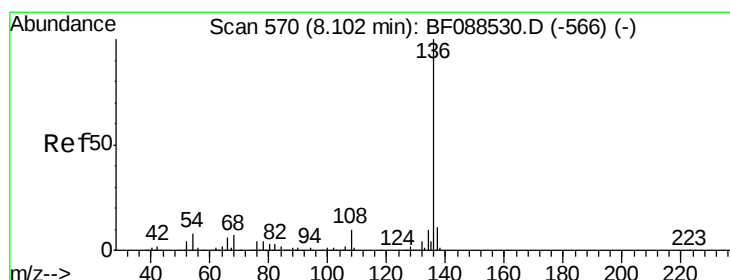
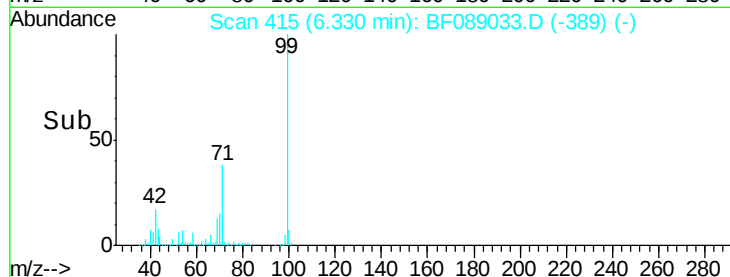
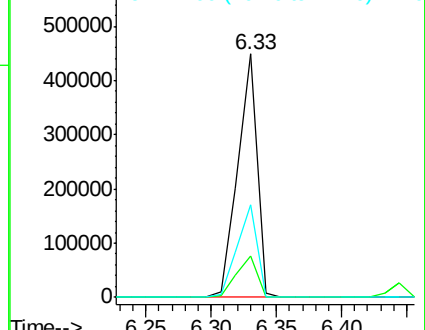
99 100

42 17.2 12.2 18.2

71 37.8 23.4 35.0#



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: 7.96 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

Tgt Ion: 136 Resp: 234069

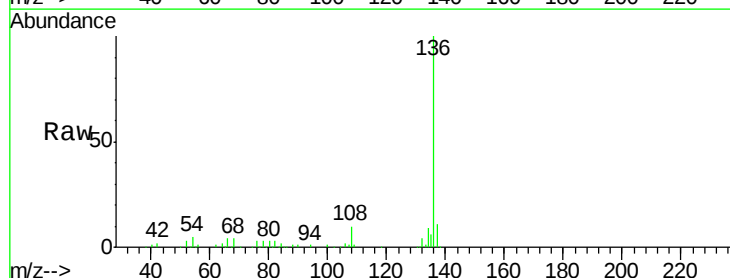
Ion Ratio Lower Upper

136 100

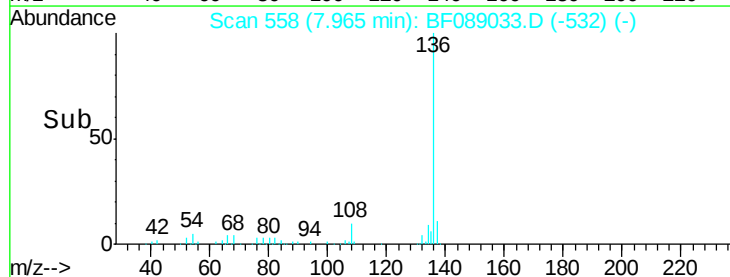
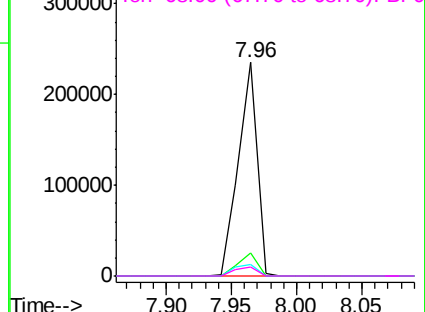
137 10.5 9.1 13.7

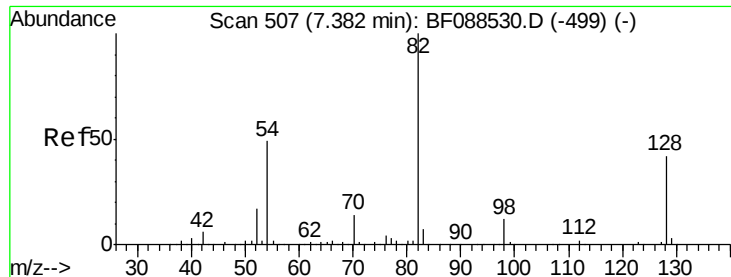
54 5.5 6.6 10.0#

68 4.2 5.1 7.7#



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: 65.45 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

Instrument :

BNA_F

ClientSampled :

TS-01

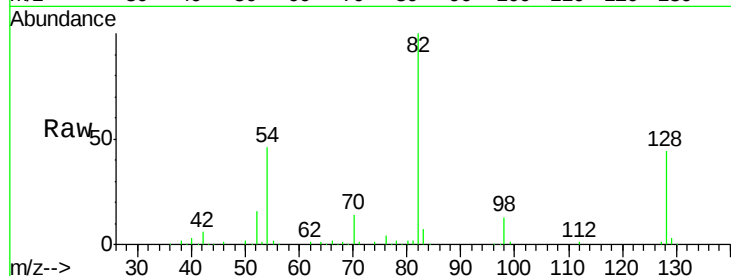
Tot Ion: 82 Resp: 292341

Ion Ratio Lower Upper

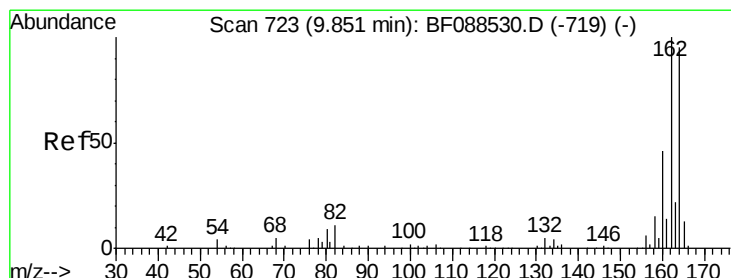
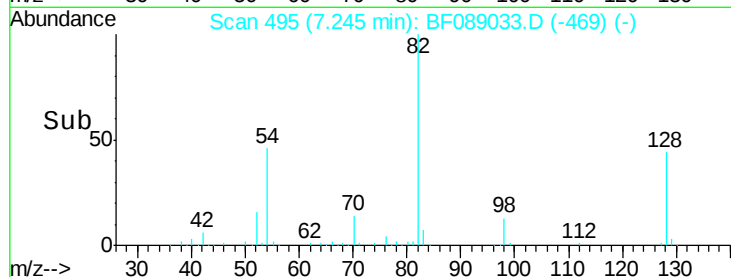
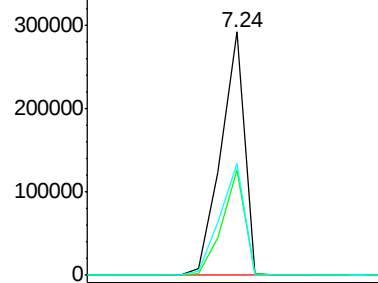
82 100

128 43.5 35.9 53.9

54 46.1 40.9 61.3



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: 9.71 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

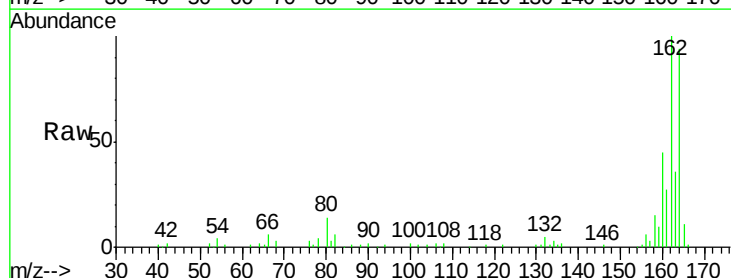
Tgt Ion:164 Resp: 93585

Ion Ratio Lower Upper

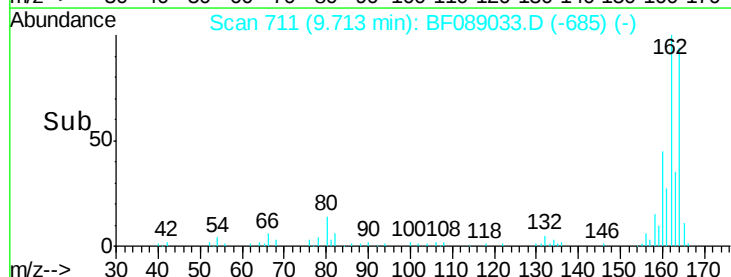
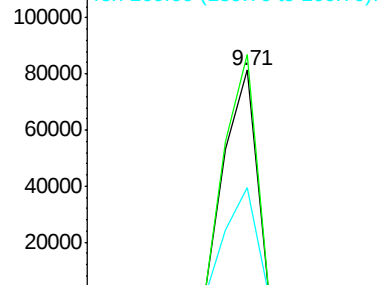
164 100

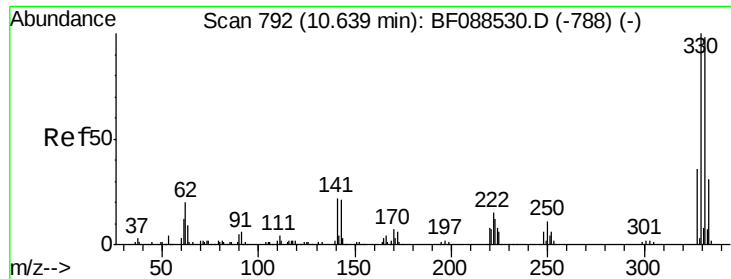
162 106.9 85.4 128.2

160 48.5 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

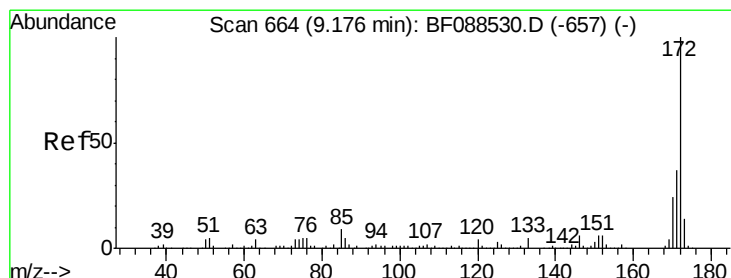
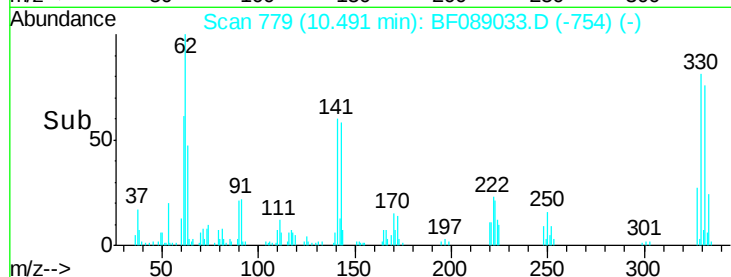
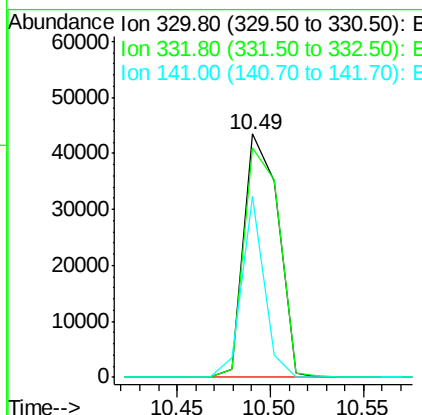
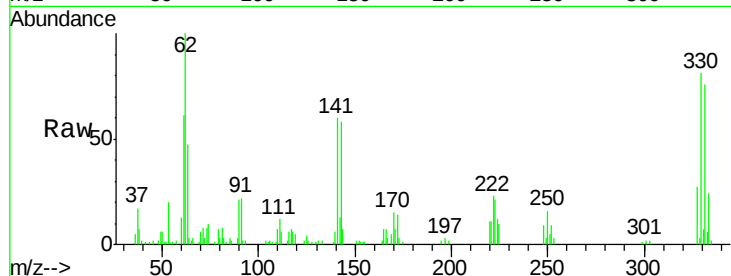




#41
 2,4,6-Tribromophenol
 Concen: 63.72 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089033.D
 Acq: 15 Jul 2016 23:33

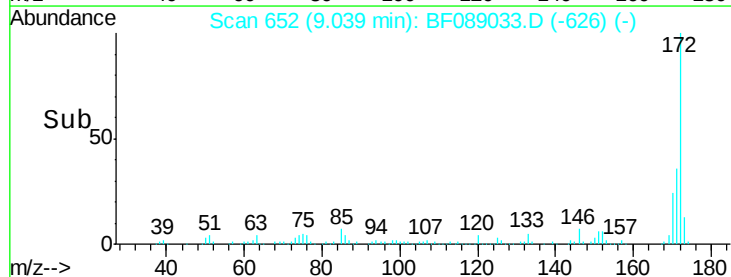
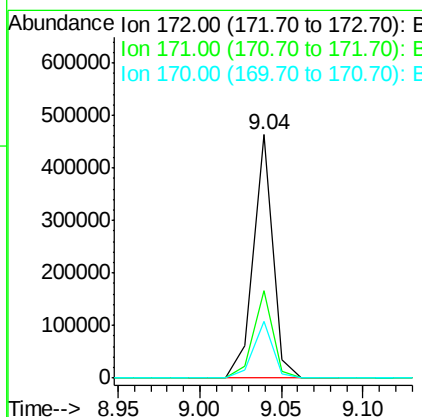
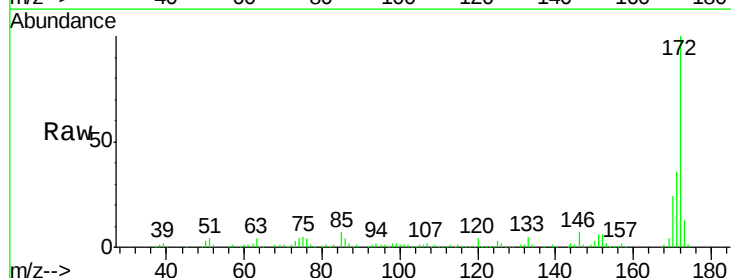
Instrument :
 BNA_F
 ClientSampleId :
 TS-01

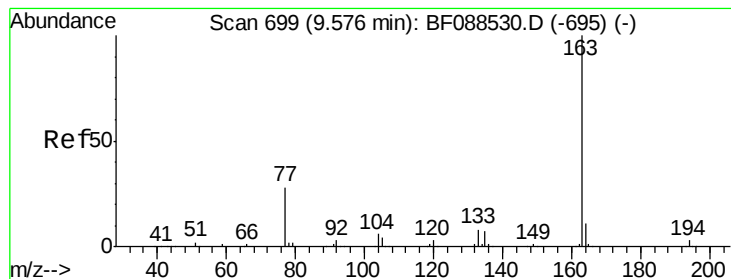
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	49.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 65.15 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF089033.D
 Acq: 15 Jul 2016 23:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.5	19.2	28.8





#49

Dimethylphthalate

Concen: 13.74 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

Instrument :

BNA_F

ClientSampleId :

TS-01

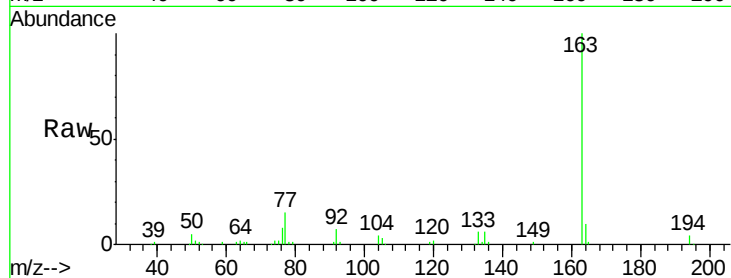
Tot Ion:163 Resp: 91598

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

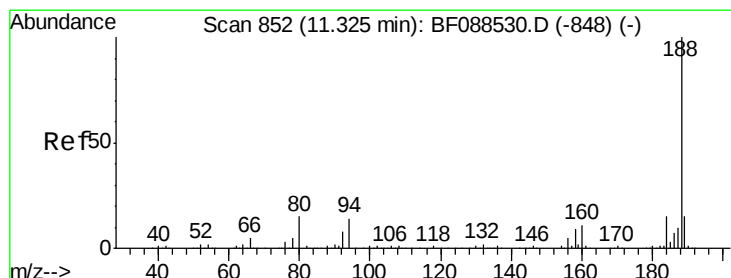
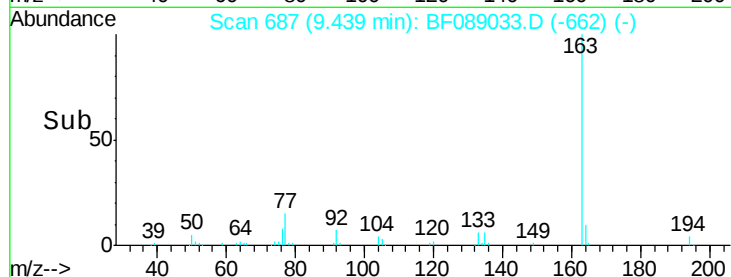
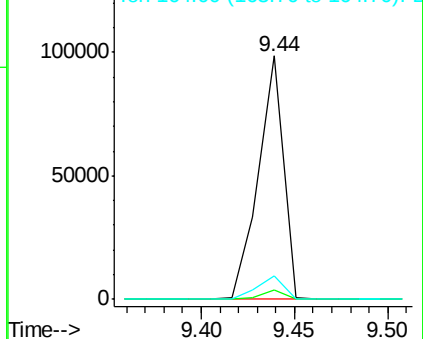
164 9.7 8.3 12.5



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: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

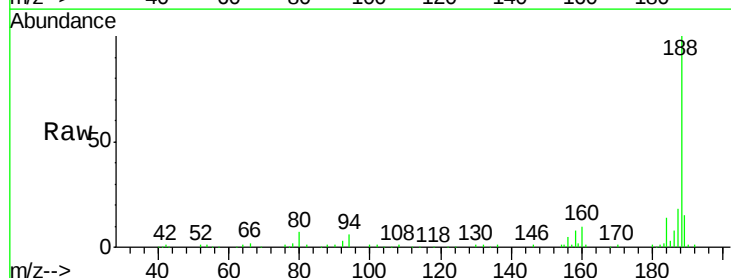
Tgt Ion:188 Resp: 146919

Ion Ratio Lower Upper

188 100

94 6.0 9.0 13.6#

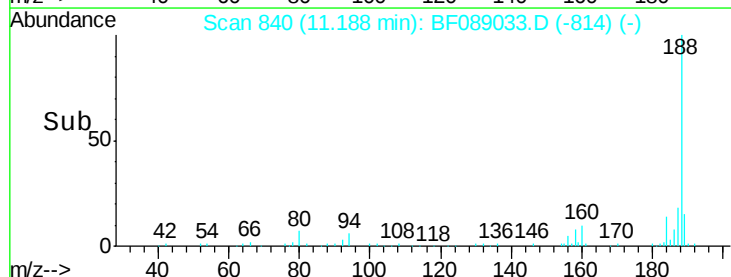
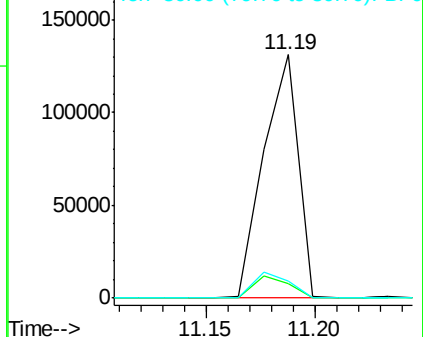
80 7.0 10.0 15.0#

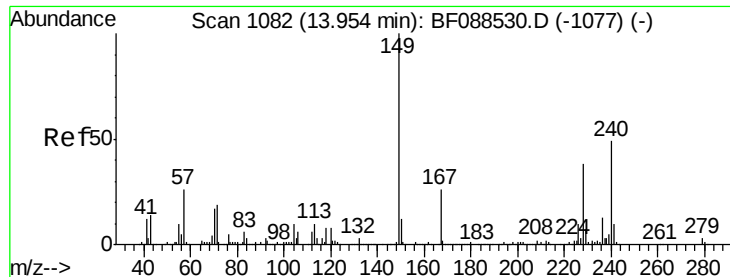


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.81 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

Instrument :

BNA_F

ClientSampleId :

TS-01

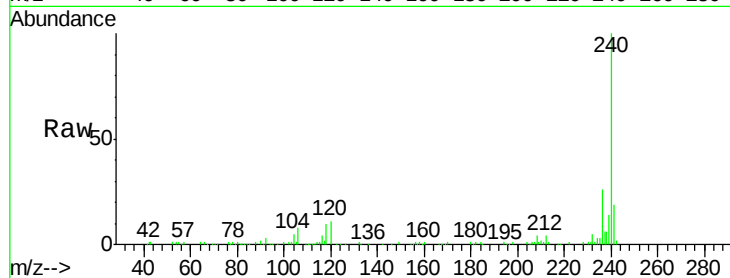
Tot Ion:240 Resp: 116907

Ion Ratio Lower Upper

240 100

120 11.4 6.8 10.2#

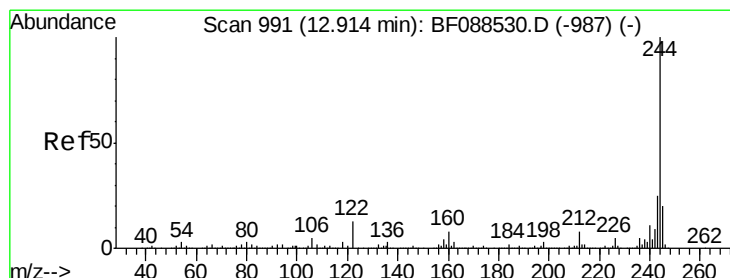
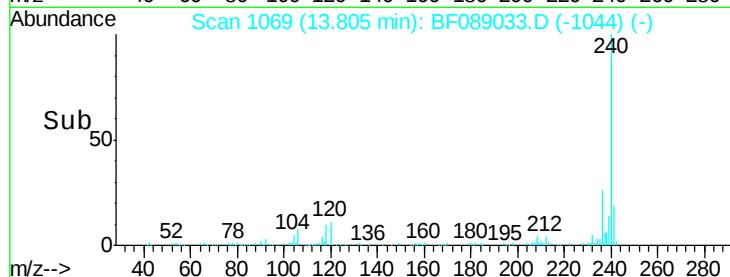
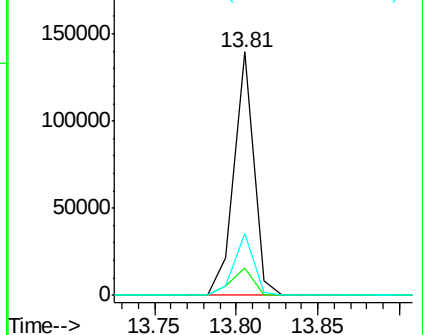
236 25.6 20.2 30.2



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: 45.21 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

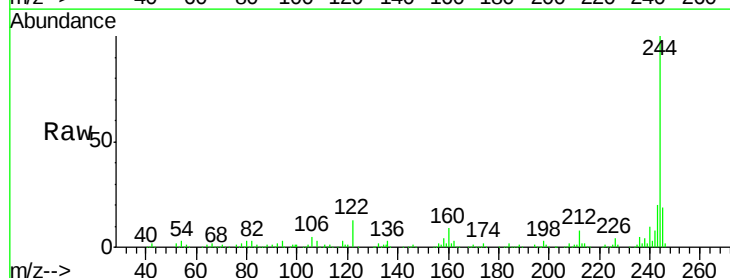
Tgt Ion:244 Resp: 237291

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

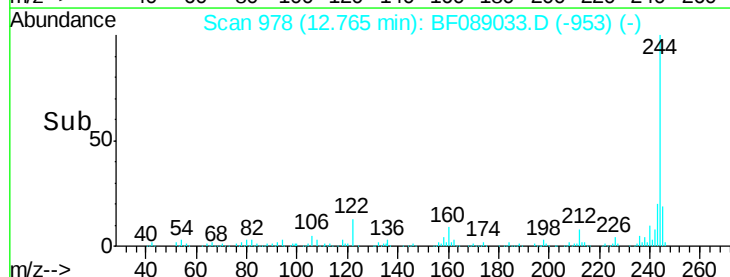
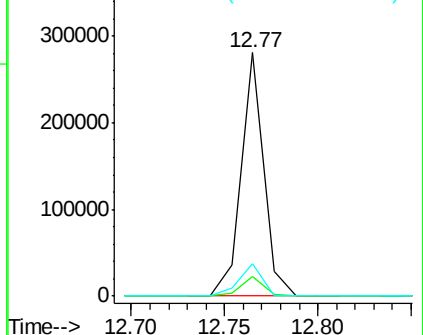
122 13.4 11.2 16.8

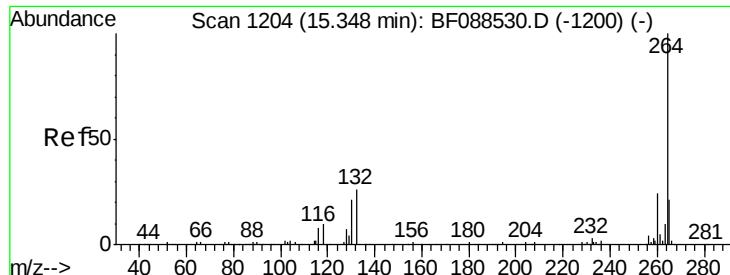


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

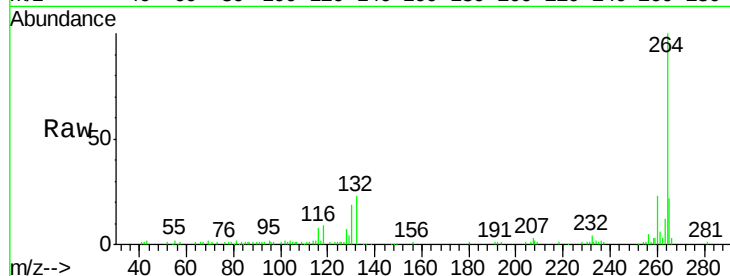




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF089033.D
 Acq: 15 Jul 2016 23:33

Instrument :
 BNA_F
 ClientSampleId :
 TS-01

Tot Ion: 264 Resp: 82284
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 22.0 16.9 25.3



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

