

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089336.D
 Acq On : 27 Jul 2016 18:49
 Operator : UM/SJ
 Sample : H4149-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46C

Quant Time: Jul 28 01:12:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

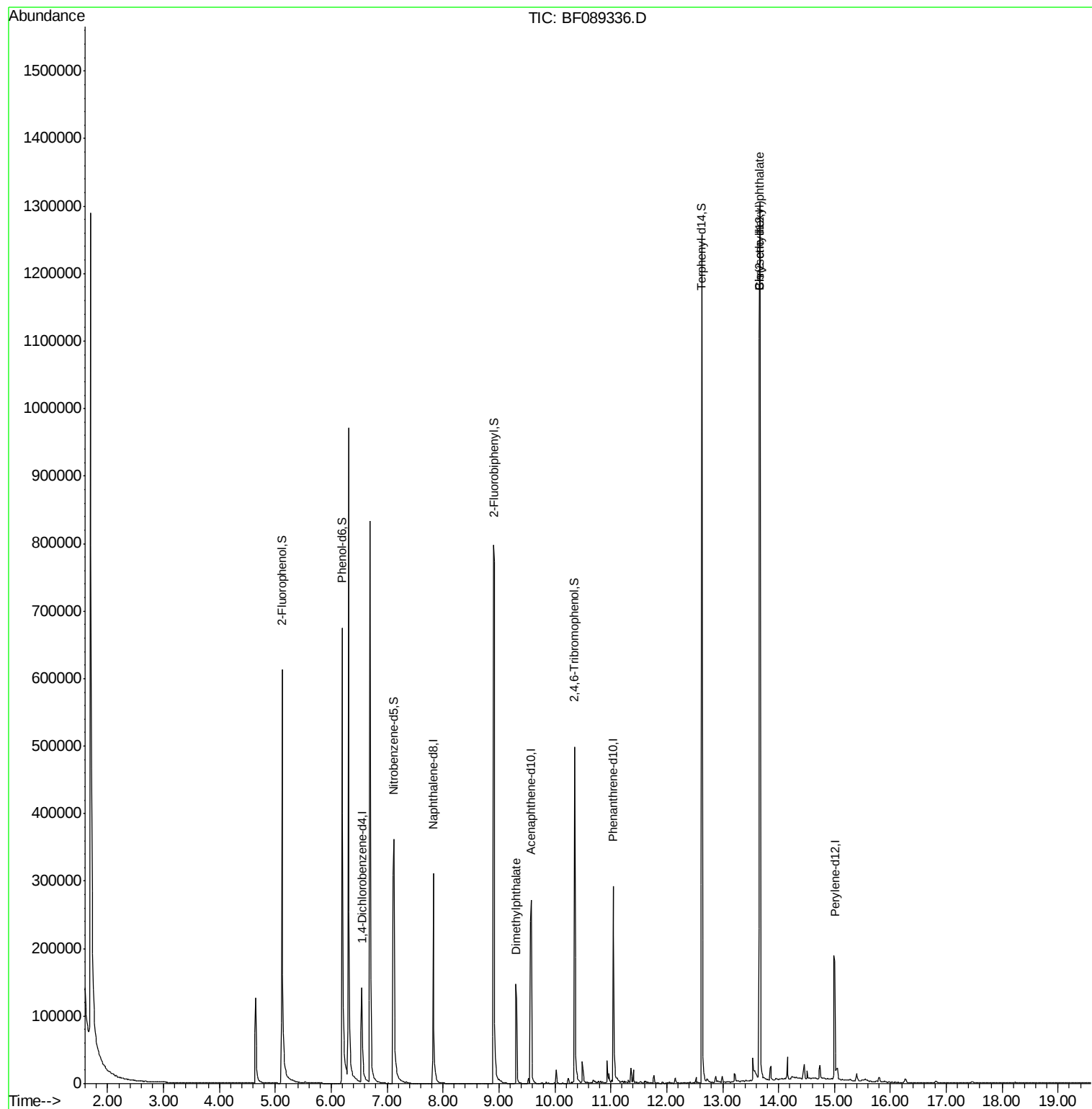
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	40211	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	186036	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	84876	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	172581	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	126491	20.00	ng	0.00
86) Perylene-d12	15.01	264	110850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	235000	93.32	ng	0.01
7) Phenol-d6	6.19	99	371927	111.75	ng	-0.01
23) Nitrobenzene-d5	7.12	82	242982	77.09	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	59048	84.00	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	449402	77.71	ng	0.00
78) Terphenyl-d14	12.63	244	400527	74.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.31	163	99674	15.43	ng	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	667940	106.01	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF089336.D

Acq: 27 Jul 2016 18:49

Instrument :

BNA_F

ClientSampleId :

LOCATION-46C

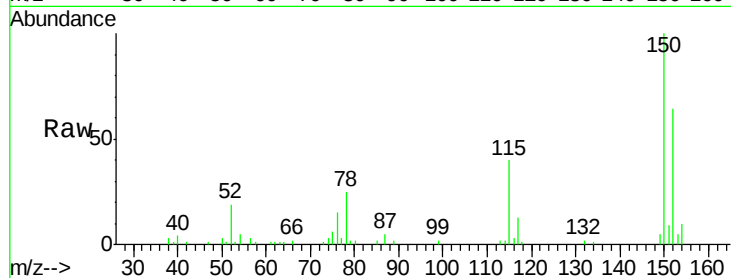
Tot Ion:152 Resp: 40211

Ion Ratio Lower Upper

152 100

150 156.8 129.5 194.3

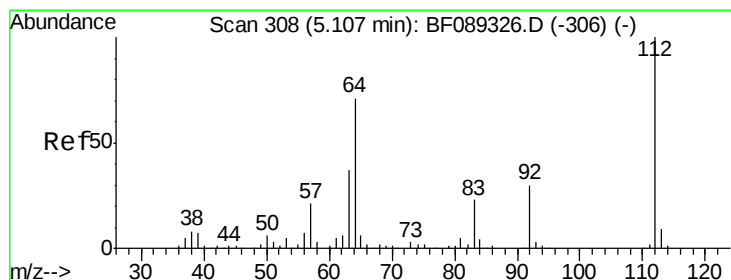
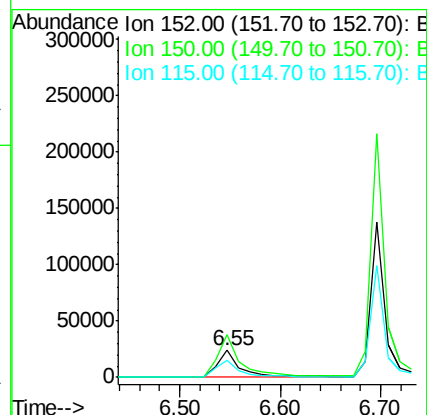
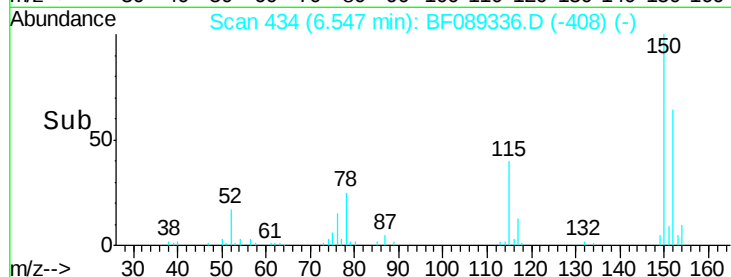
115 62.7 51.4 77.2



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: 93.32 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.01 min

Lab File: BF089336.D

Acq: 27 Jul 2016 18:49

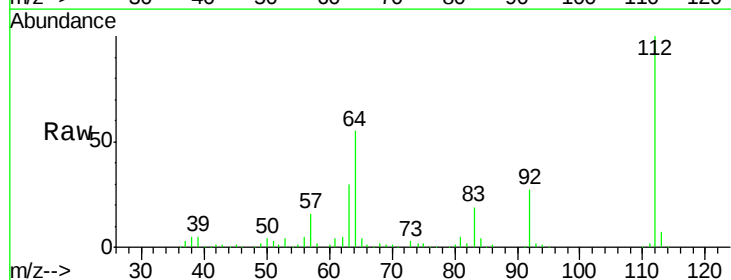
Tgt Ion:112 Resp: 235000

Ion Ratio Lower Upper

112 100

64 54.8 55.0 82.6#

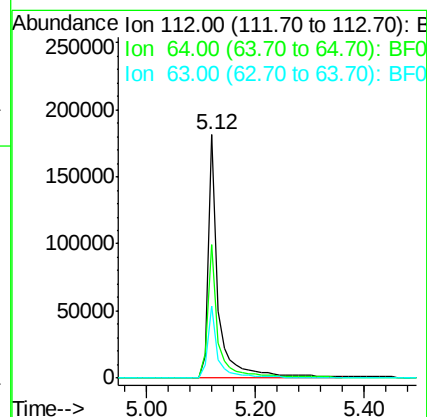
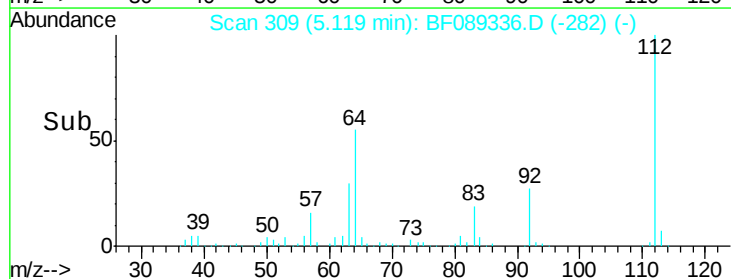
63 29.8 29.4 44.2



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: 111.75 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089336.D

Acq: 27 Jul 2016 18:49

Instrument :

BNA_F

ClientSampleId :

LOCATION-46C

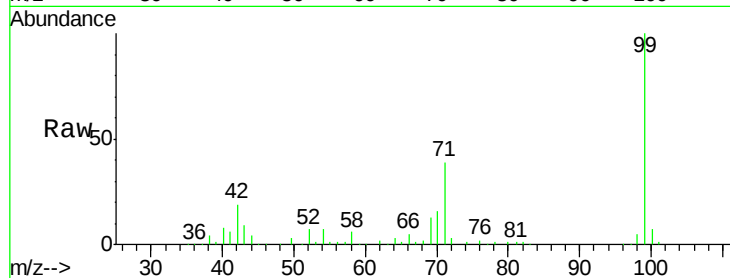
Tot Ion: 99 Resp: 371927

Ion Ratio Lower Upper

99 100

42 19.3 13.6 20.4

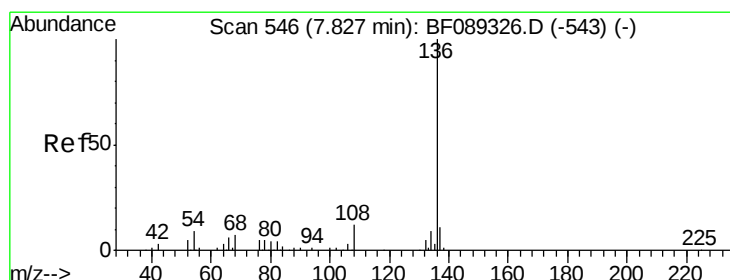
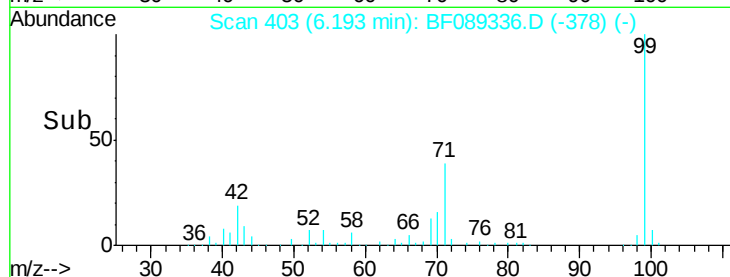
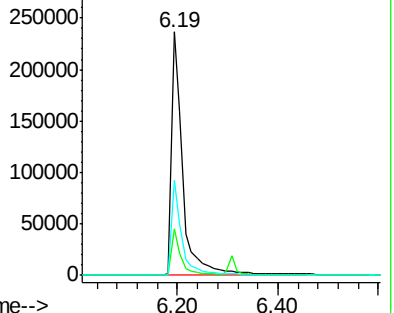
71 39.3 29.4 44.2



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: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089336.D

Acq: 27 Jul 2016 18:49

Tgt Ion: 136 Resp: 186036

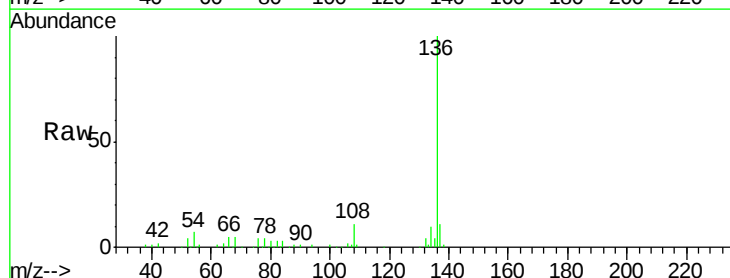
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.2 7.0 10.4

68 5.3 4.9 7.3

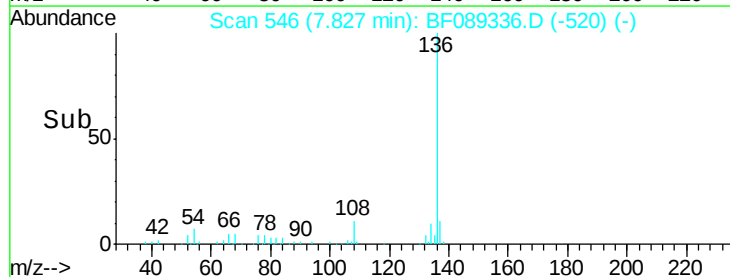
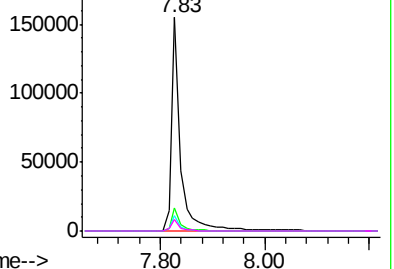


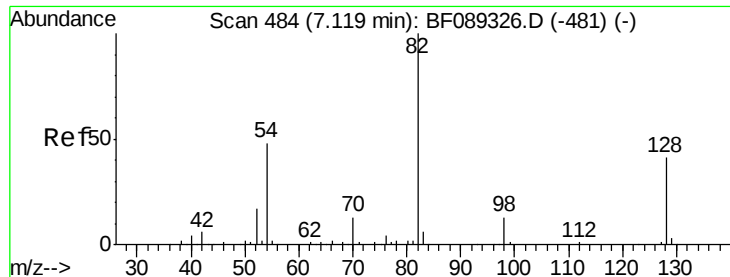
Abundance Ion 136.00 (135.70 to 136.70): E

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

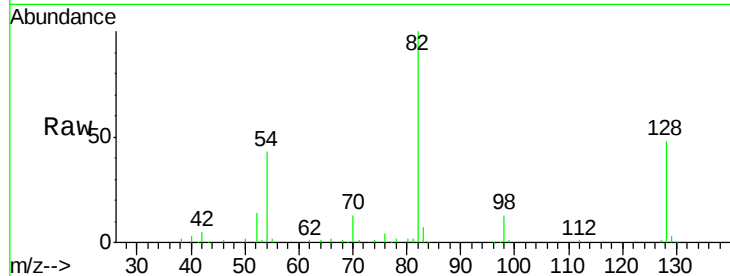




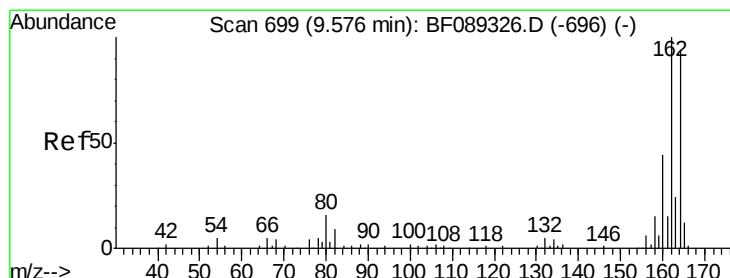
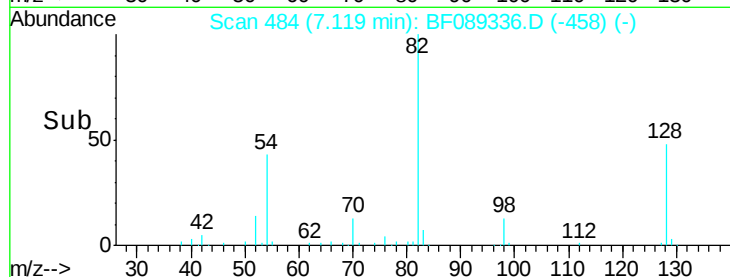
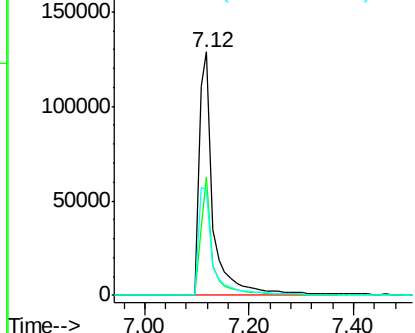
#23
 Nitrobenzene-d5
 Concen: 77.09 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089336.D
 Acq: 27 Jul 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46C

Tot Ion	82	Resp	242982
Ion Ratio	100	Lower	Upper
128	48.5	32.5	48.7
54	43.4	38.8	58.2

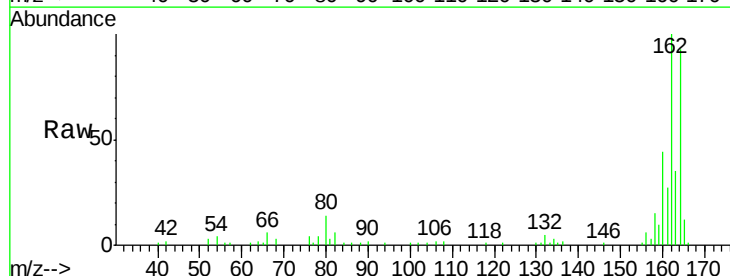


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

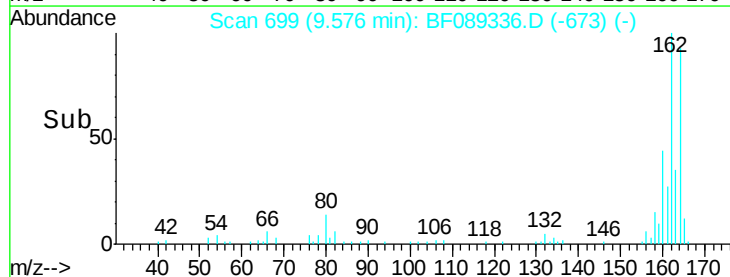
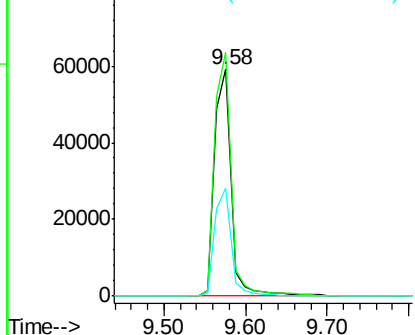


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF089336.D
 Acq: 27 Jul 2016 18:49

Tgt Ion	164	Resp	84876
Ion Ratio	100	Lower	Upper
162	107.5	83.7	125.5
160	47.7	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

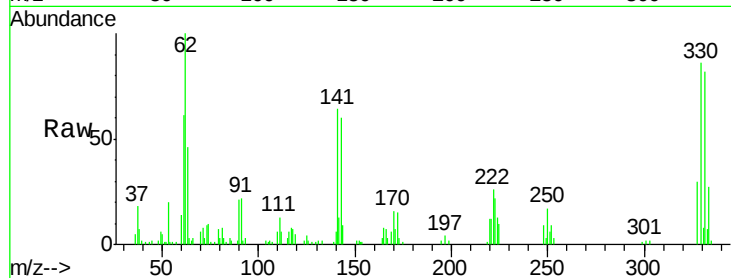




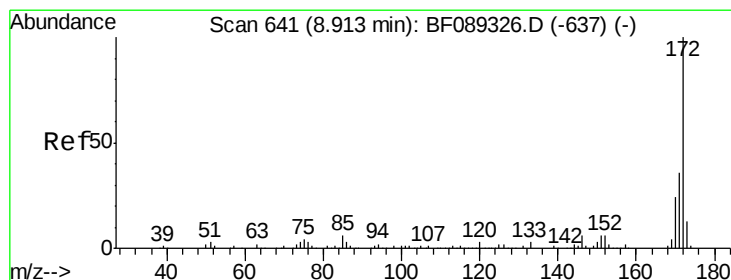
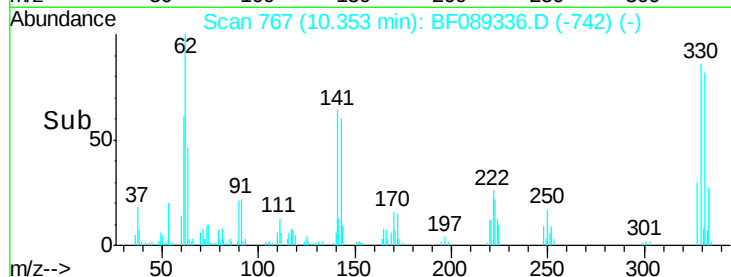
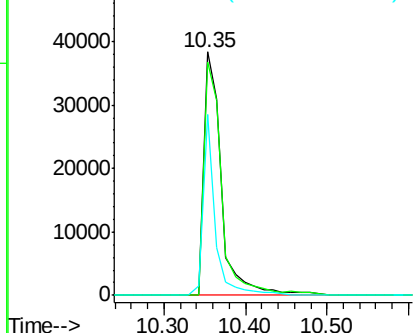
#41
 2,4,6-Tribromophenol
 Concen: 84.00 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF089336.D
 Acq: 27 Jul 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46C

Tot Ion:330 Resp: 59048
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.8 115.2
 141 50.8 37.3 55.9

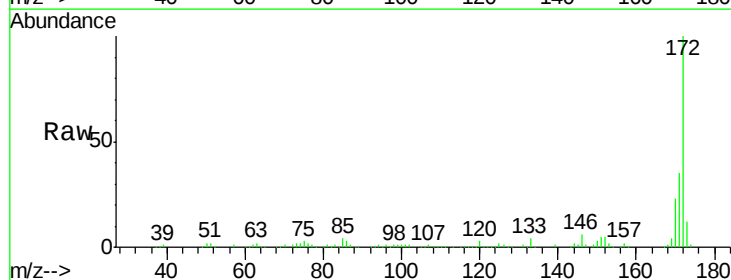


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

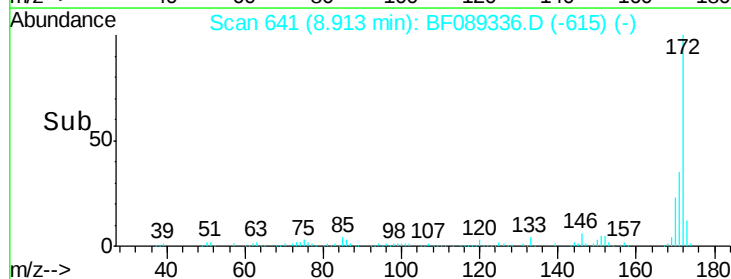
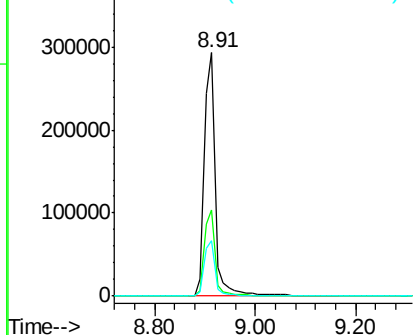


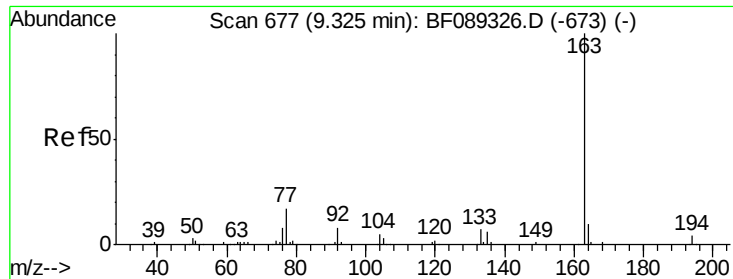
#44
 2-Fluorobiphenyl
 Concen: 77.71 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089336.D
 Acq: 27 Jul 2016 18:49

Tgt Ion:172 Resp: 449402
 Ion Ratio Lower Upper
 172 100
 171 35.3 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

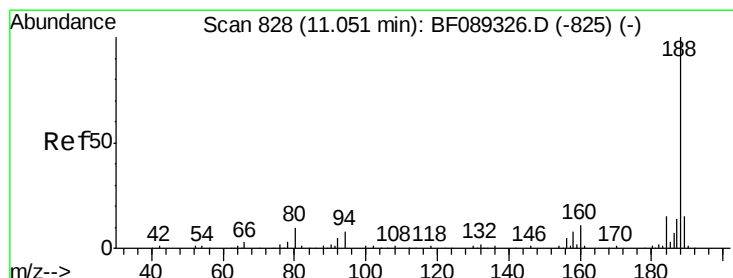
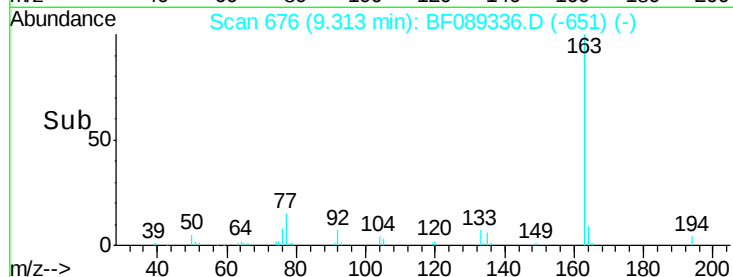
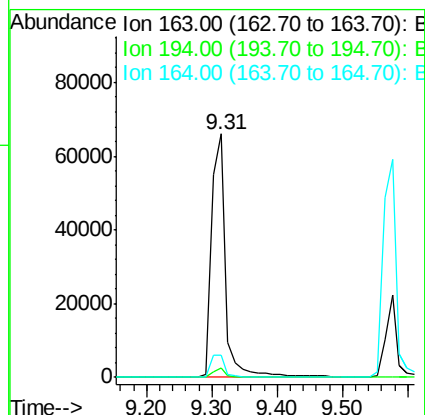
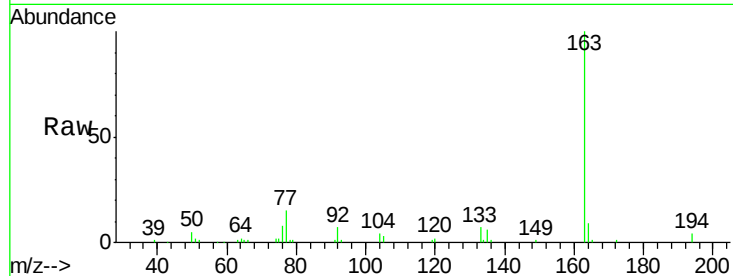




#49
Dimethylphthalate
Concen: 15.43 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF089336.D
Acq: 27 Jul 2016 18:49

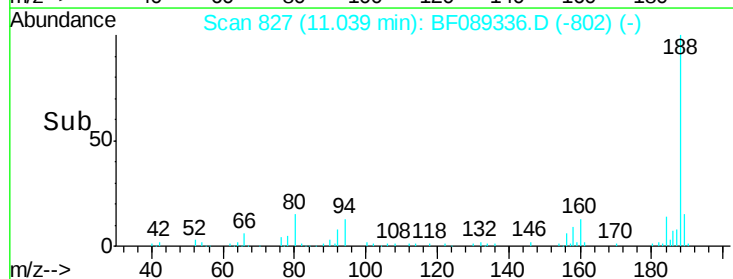
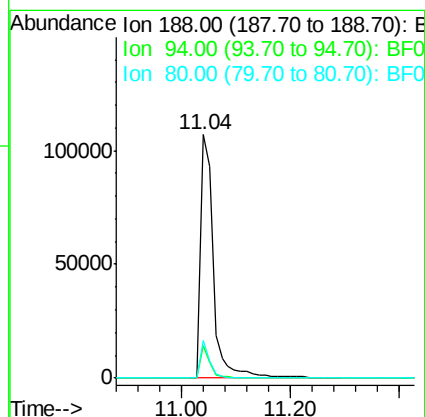
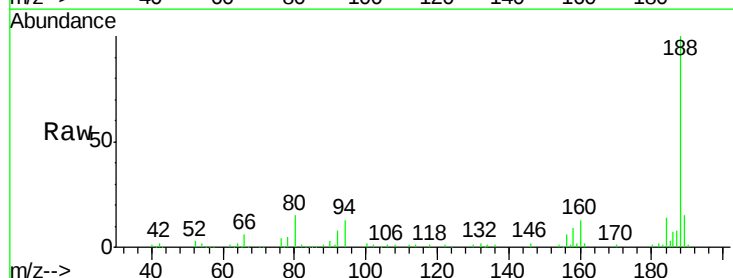
Instrument :
BNA_F
ClientSampleId :
LOCATION-46C

Tot Ion:163 Resp: 99674
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.2 7.8 11.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF089336.D
Acq: 27 Jul 2016 18:49

Tgt Ion:188 Resp: 172581
Ion Ratio Lower Upper
188 100
94 13.2 6.5 9.7#
80 15.5 7.2 10.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089336.D

Acq: 27 Jul 2016 18:49

Instrument :

BNA_F

ClientSampleId :

LOCATION-46C

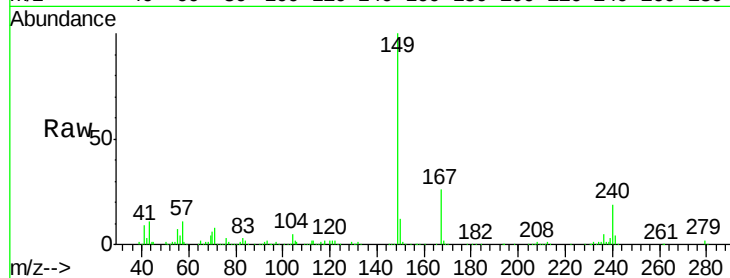
Tot Ion:240 Resp: 126491

Ion Ratio Lower Upper

240 100

120 9.1 9.1 13.7#

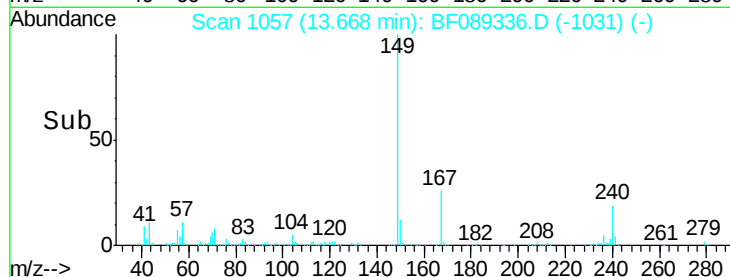
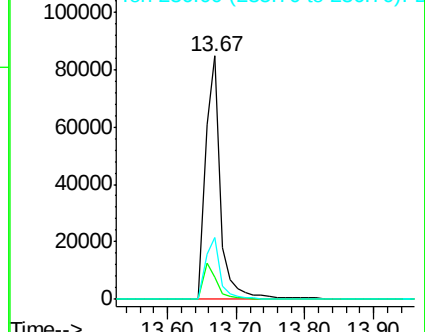
236 25.2 20.6 30.8



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: 74.11 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089336.D

Acq: 27 Jul 2016 18:49

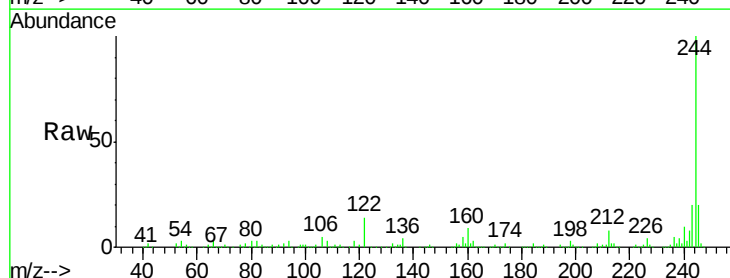
Tgt Ion:244 Resp: 400527

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

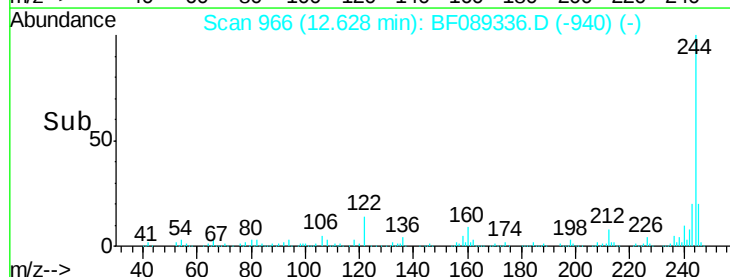
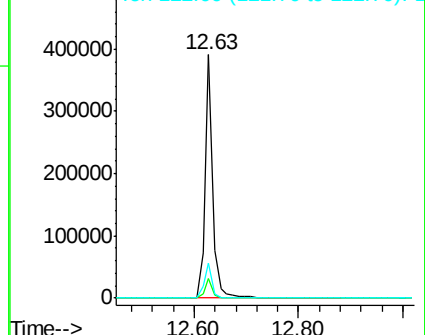
122 14.4 11.4 17.0

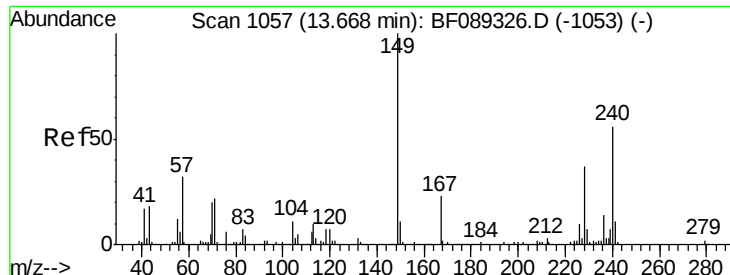


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

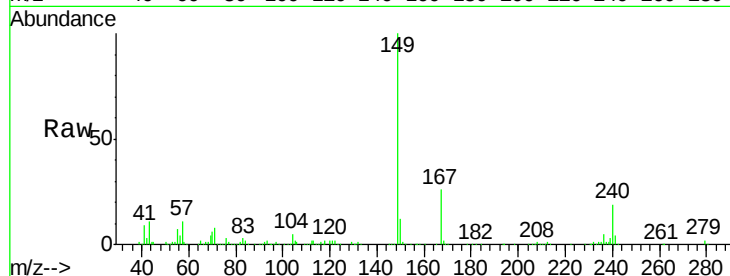




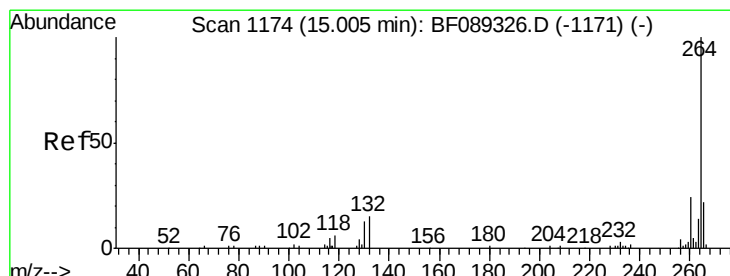
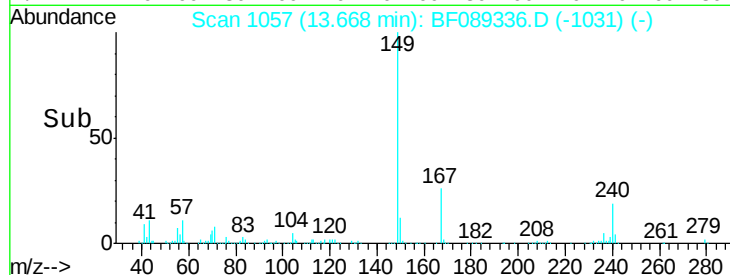
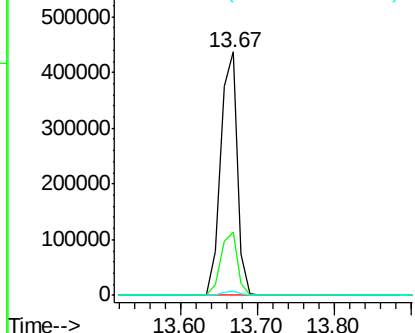
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 106.01 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF089336.D
 Acq: 27 Jul 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46C

Tot Ion:149 Resp: 667940
 Ion Ratio Lower Upper
 149 100
 167 26.2 18.8 28.2
 279 1.6 1.4 2.0

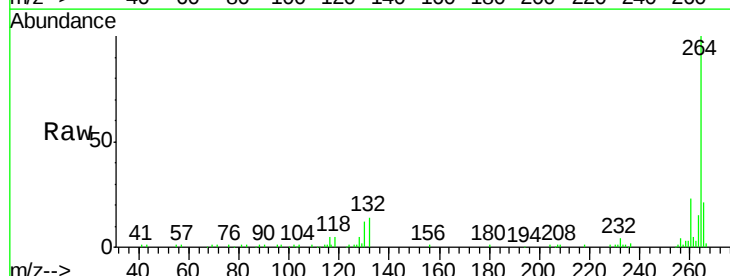


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089336.D
 Acq: 27 Jul 2016 18:49

Tgt Ion:264 Resp: 110850
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.2 17.5 26.3



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

