

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089468.D
 Acq On : 31 Jul 2016 13:51
 Operator : UM/SJ
 Sample : H4218-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:13:27 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

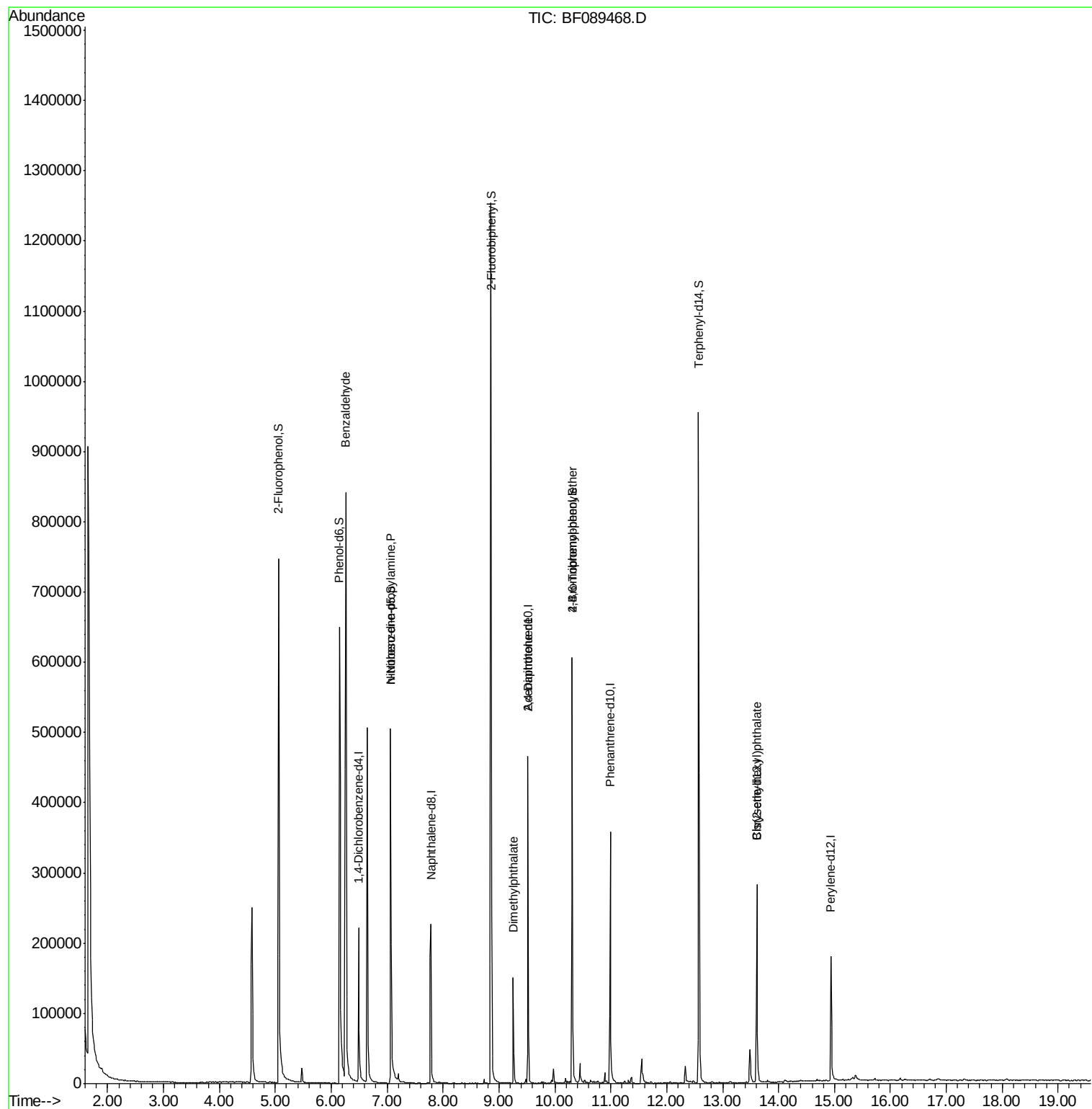
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	43831	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	172121	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	88070	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	159678	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	101609	20.00	ng	-0.06
86) Perylene-d12	14.94	264	77977	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	274891	100.14	ng	-0.05
7) Phenol-d6	6.15	99	356267	98.21	ng	-0.06
23) Nitrobenzene-d5	7.06	82	228065	78.21	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	75440	103.43	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	411630	68.59	ng	-0.06
78) Terphenyl-d14	12.57	244	341701	78.71	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.26	77	6883	3.89	ng	89
19) n-Nitroso-di-n-propylamine	7.06	70	29781	13.61	ng	# 82
49) Dimethylphthalate	9.26	163	65107	9.71	ng	98
56) 2,4-Dinitrotoluene	9.52	165	11032	6.08	ng	# 7
66) 4-Bromophenyl-phenylether	10.31	248	5500	3.61	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.61	149	25498	5.04	ng	# 97

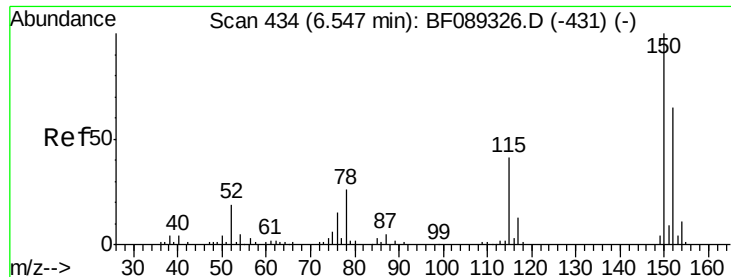
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089468.D
Acq On : 31 Jul 2016 13:51
Operator : UM/SJ
Sample : H4218-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 01 01:13:27 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: 6.49 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

Instrument :

BNA_F

ClientSampleId :

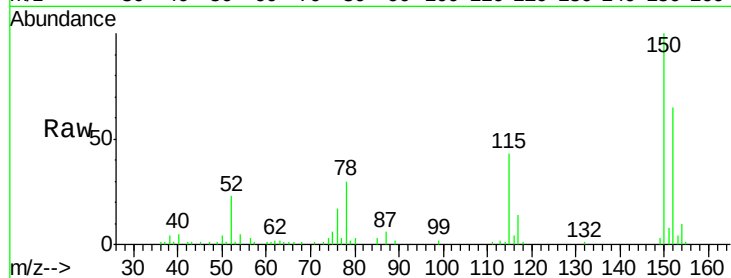
Tot Ion:152 Resp: 43831

Ion Ratio Lower Upper

152 100

150 154.2 129.5 194.3

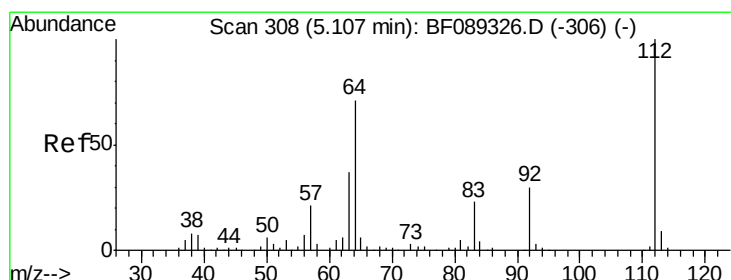
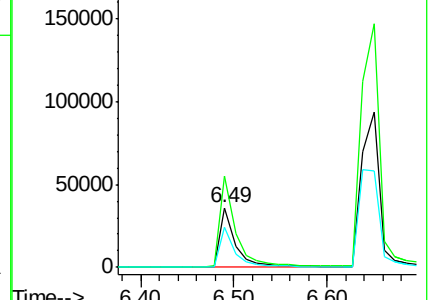
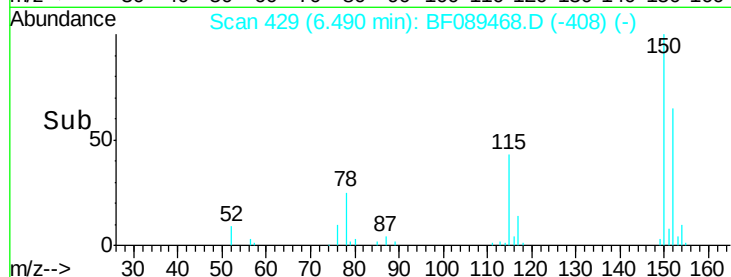
115 67.0 51.4 77.2



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: 100.14 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.05 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

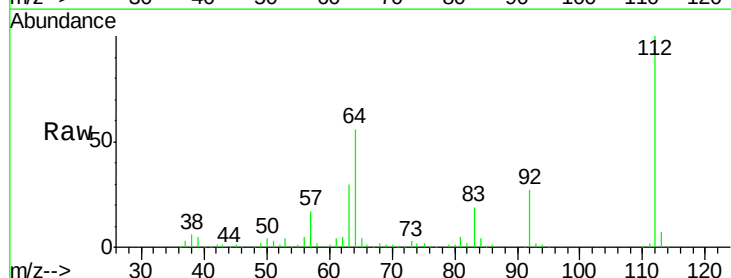
Tgt Ion:112 Resp: 274891

Ion Ratio Lower Upper

112 100

64 55.6 55.0 82.6

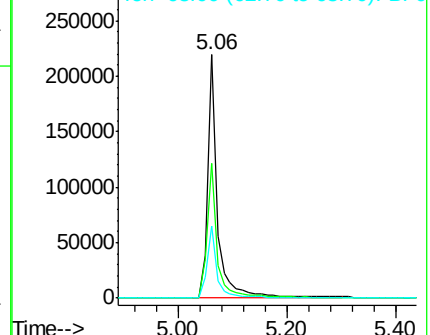
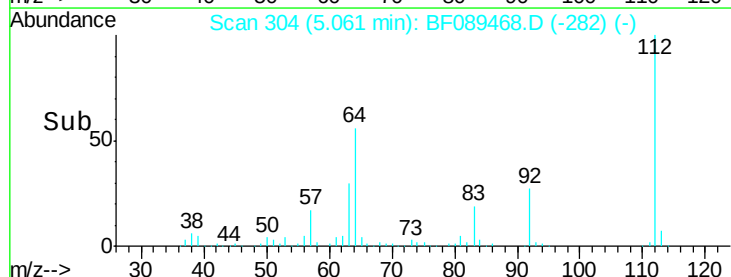
63 29.7 29.4 44.2

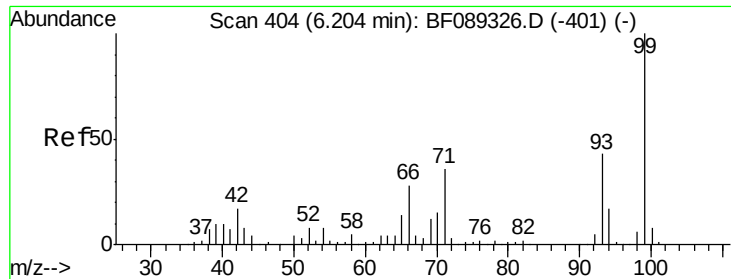


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.21 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

Instrument :

BNA_F

ClientSampleId :

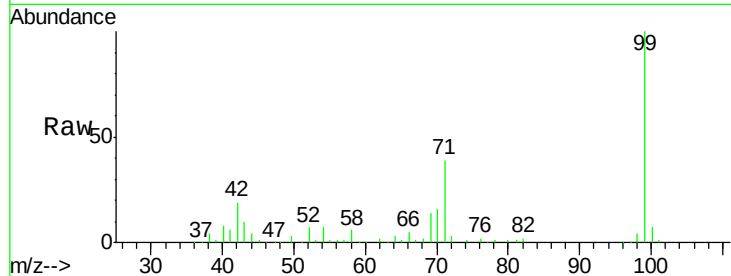
Tot Ion: 99 Resp: 356267

Ion Ratio Lower Upper

99 100

42 19.2 13.6 20.4

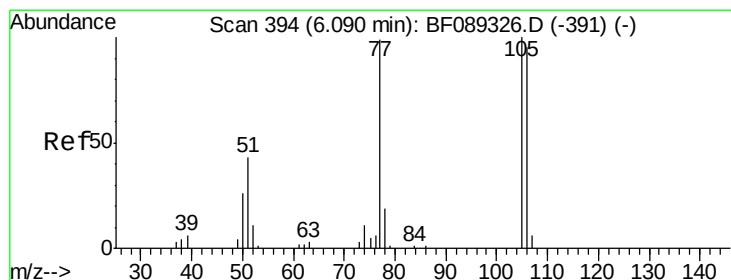
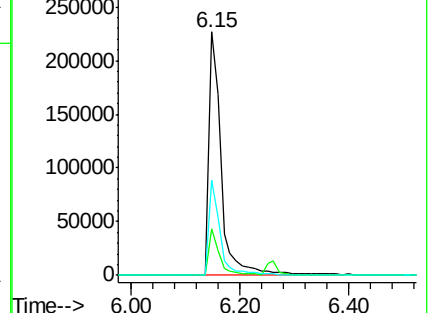
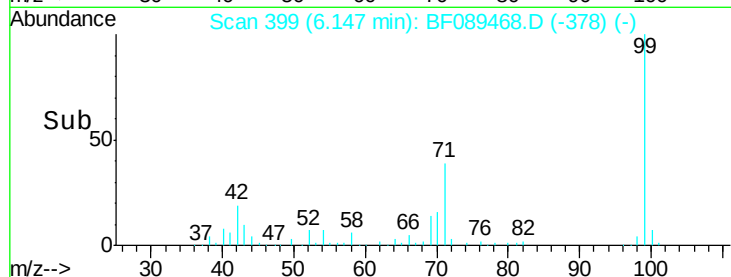
71 38.9 29.4 44.2



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



#9

Benzaldehyde

Concen: 3.89 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.17 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

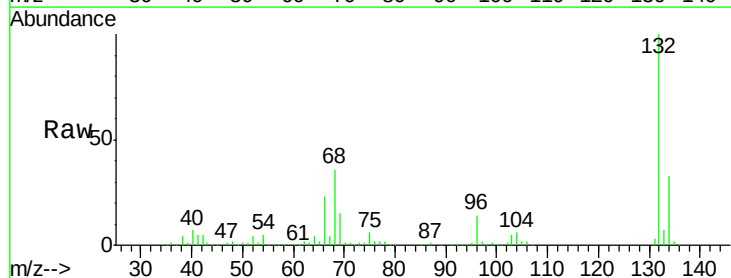
Tgt Ion: 77 Resp: 6883

Ion Ratio Lower Upper

77 100

105 93.8 82.9 122.9

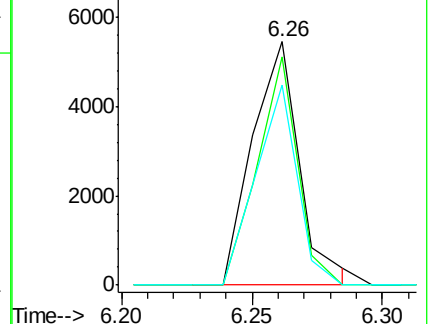
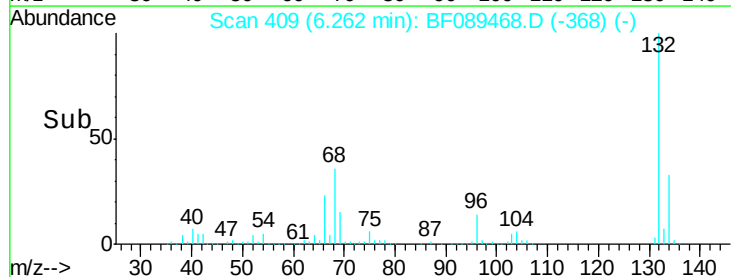
106 82.3 75.9 115.9

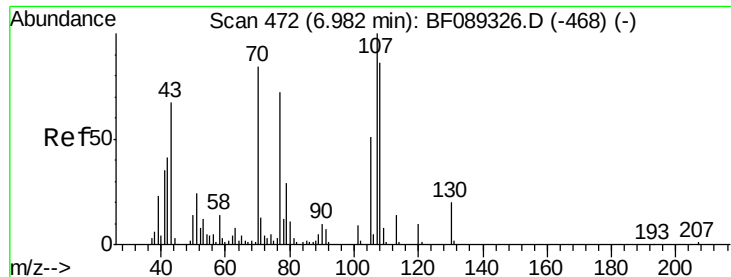


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

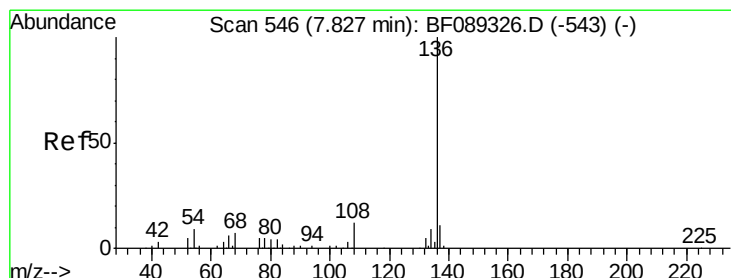
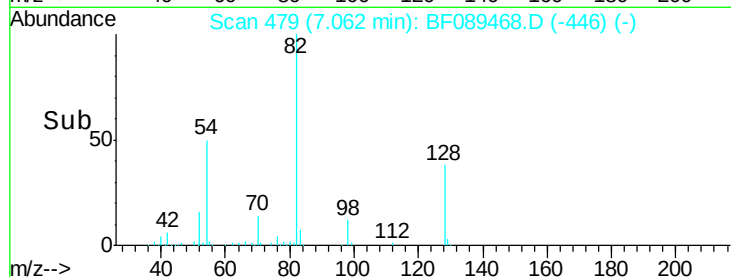
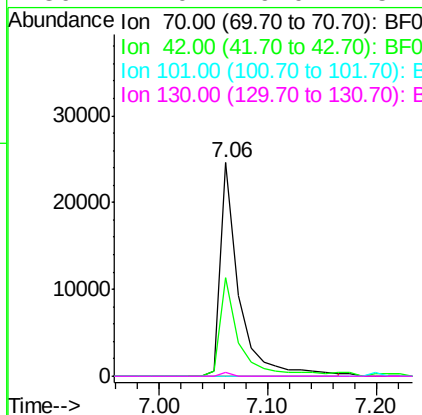
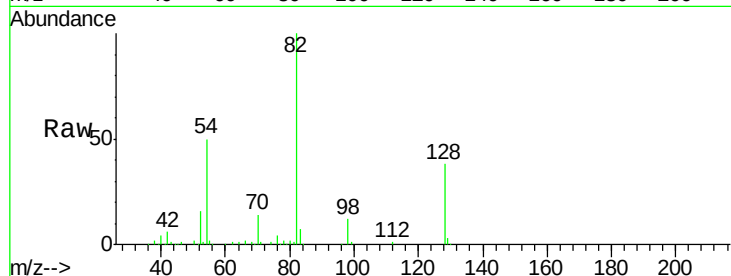




#19
n-Nitroso-di-n-propylamine
Concen: 13.61 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF089468.D
Acq: 31 Jul 2016 13:51

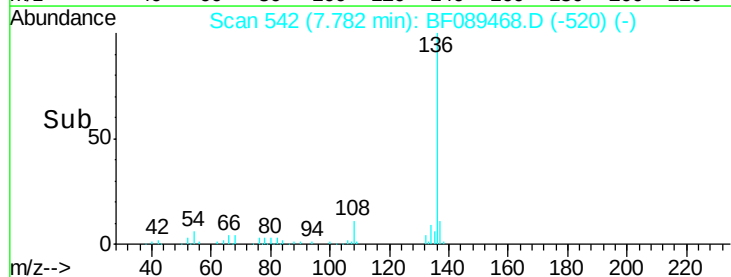
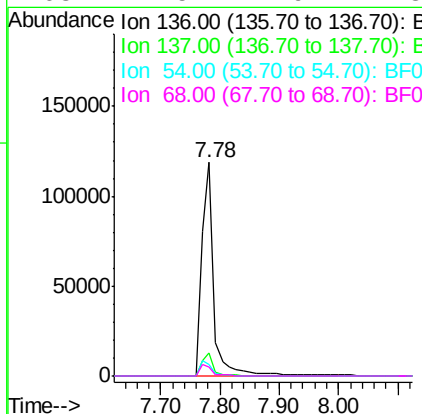
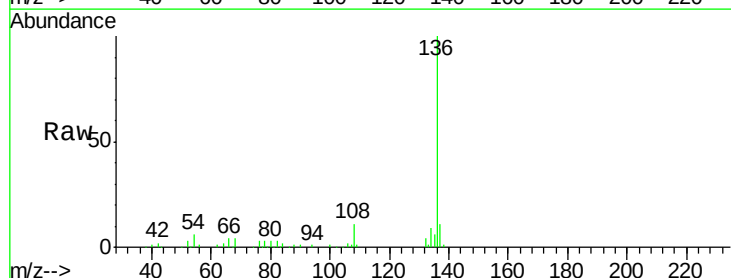
Instrument :
BNA_F
ClientSampleId :

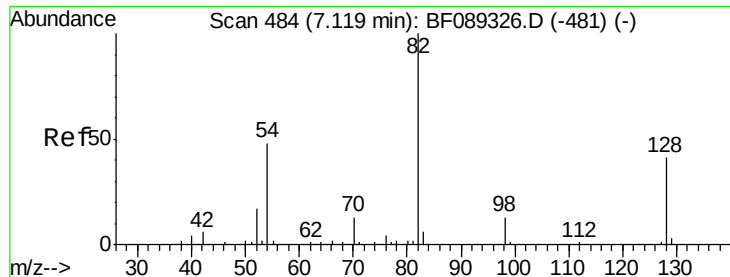
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.1	38.6	57.8
101	0.0	8.3	12.5#
130	2.0	19.0	28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089468.D
Acq: 31 Jul 2016 13:51

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.6	7.0	10.4#
68	4.5	4.9	7.3#

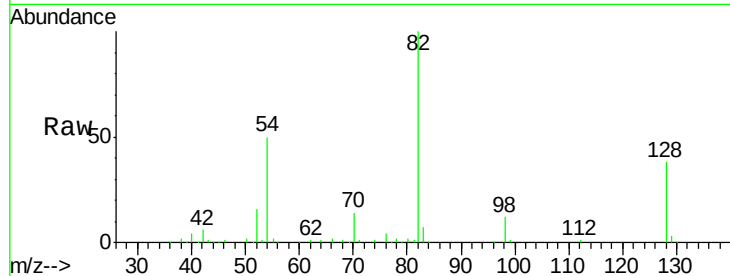




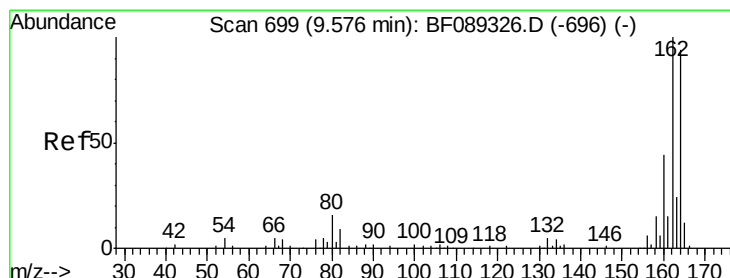
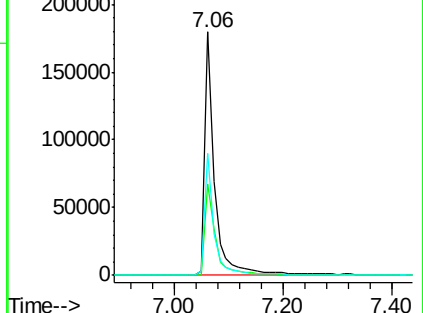
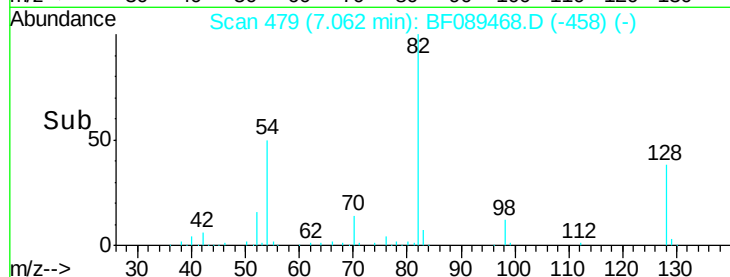
#23
 Nitrobenzene-d5
 Concen: 78.21 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.06 min
 Lab File: BF089468.D
 Acq: 31 Jul 2016 13:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	228065
Ion Ratio	100	Lower	Upper
128	37.8	32.5	48.7
54	49.9	38.8	58.2

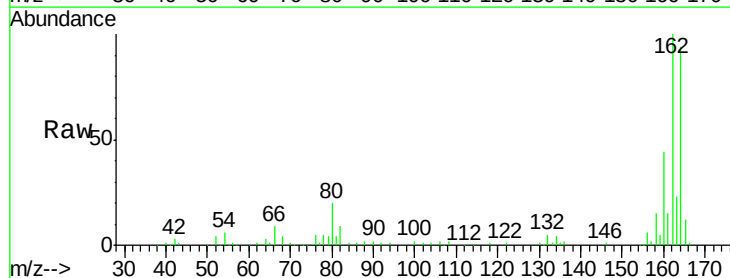


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

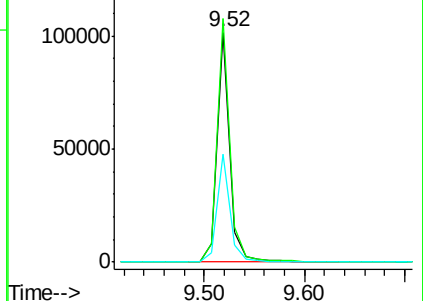
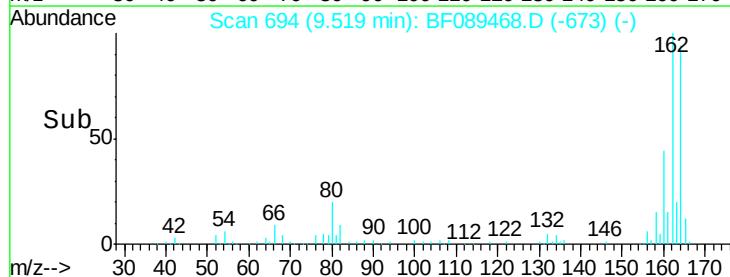


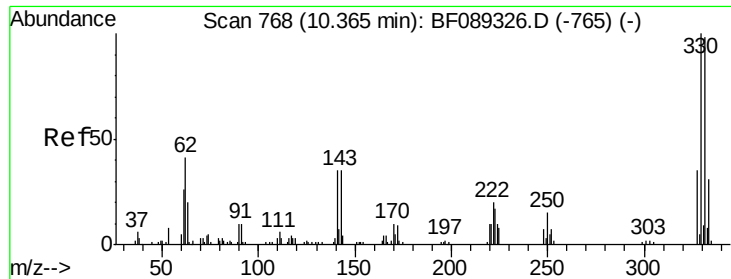
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.06 min
 Lab File: BF089468.D
 Acq: 31 Jul 2016 13:51

Tgt Ion	164	Resp	88070
Ion Ratio	100	Lower	Upper
162	106.0	83.7	125.5
160	47.0	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

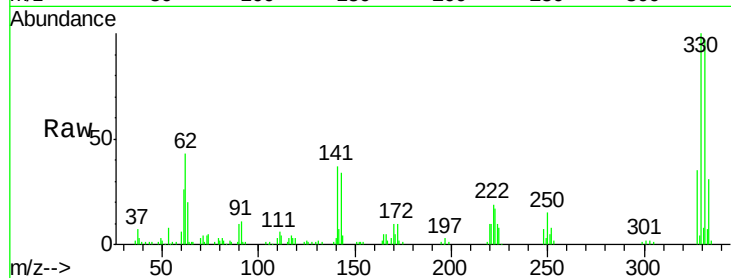




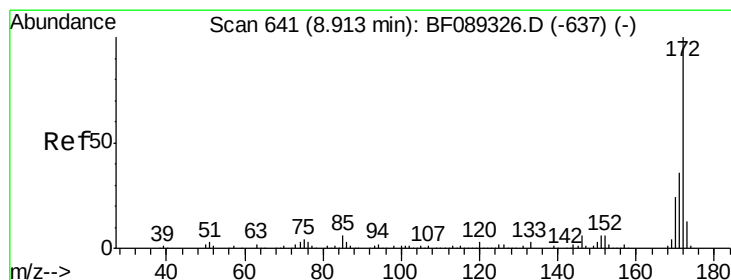
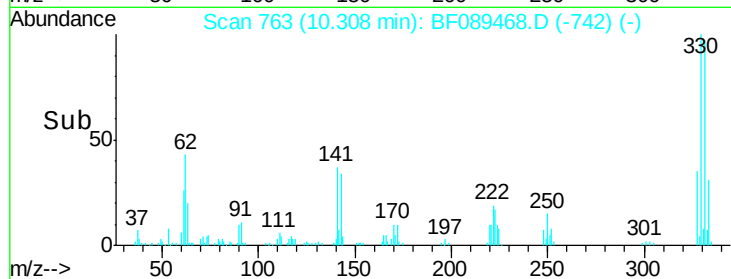
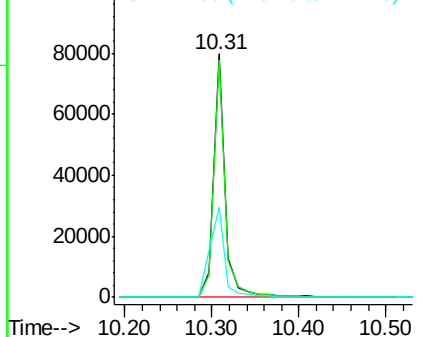
#41
 2,4,6-Tribromophenol
 Concen: 103.43 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF089468.D
 Acq: 31 Jul 2016 13:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 75440
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 46.9 37.3 55.9

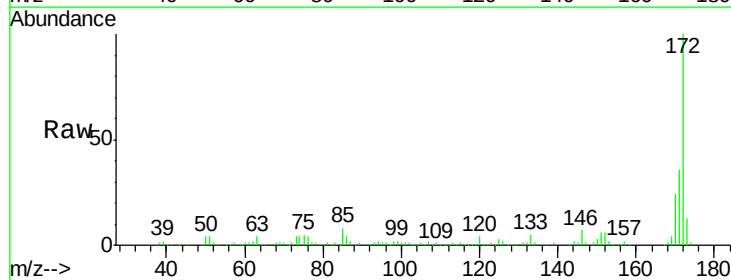


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

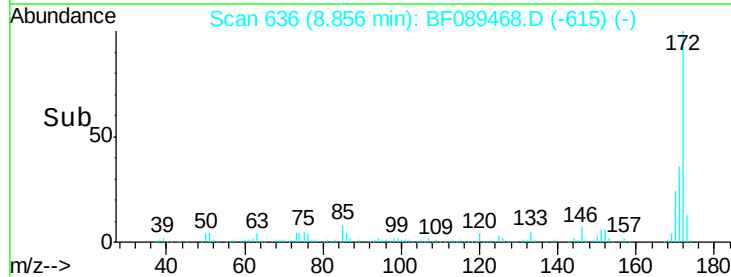
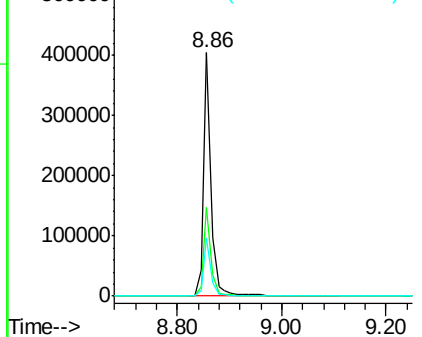


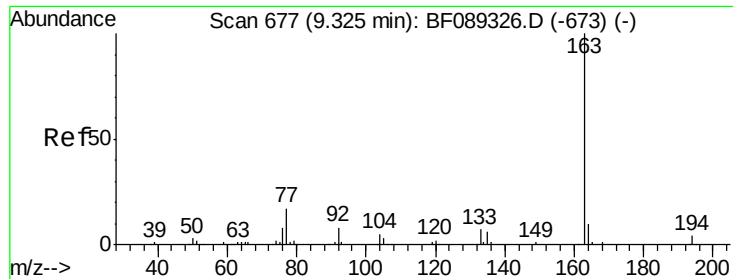
#44
 2-Fluorobiphenyl
 Concen: 68.59 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.06 min
 Lab File: BF089468.D
 Acq: 31 Jul 2016 13:51

Tgt Ion:172 Resp: 411630
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.6 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

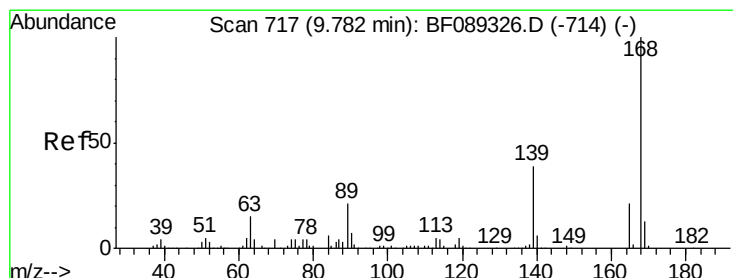
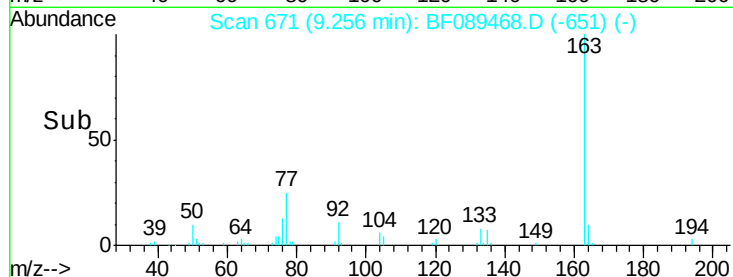
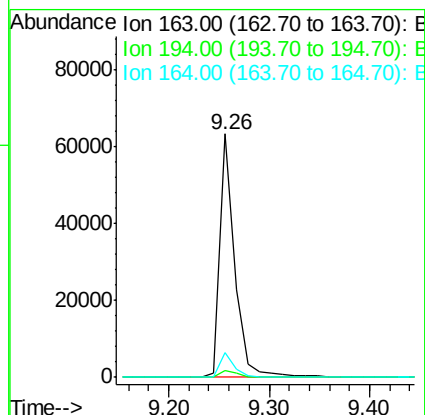
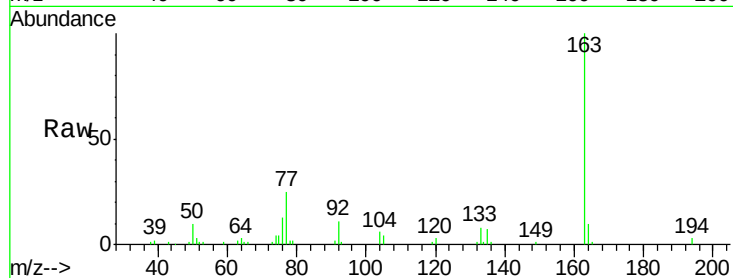




#49
Dimethylphthalate
Concen: 9.71 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089468.D
Acq: 31 Jul 2016 13:51

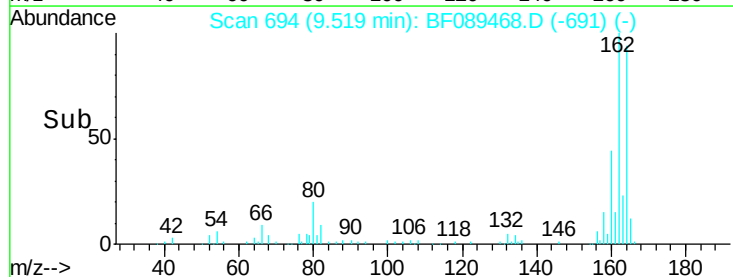
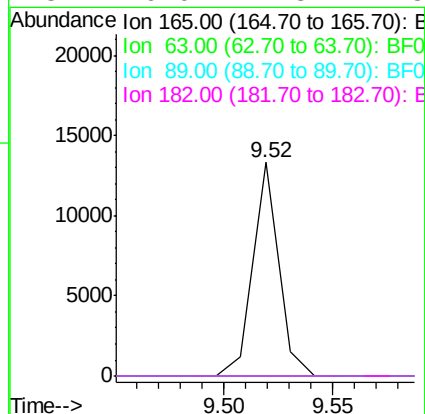
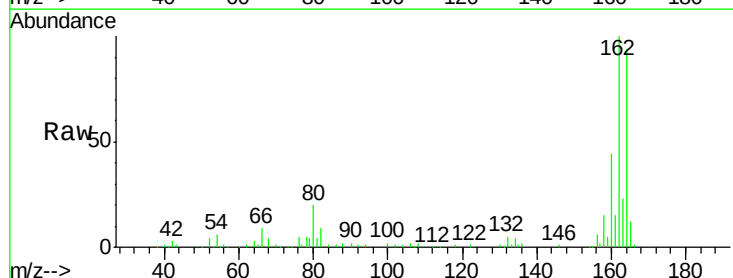
Instrument :
BNA_F
ClientSampleId :

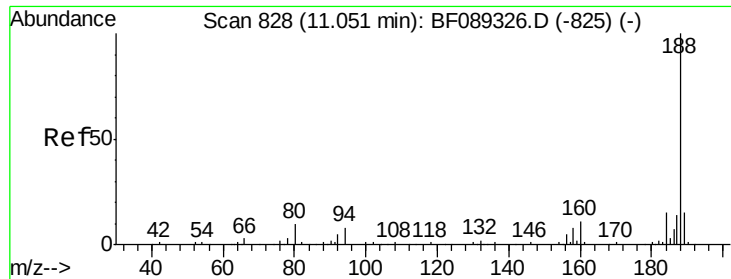
Tot Ion:163 Resp: 65107
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.4 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.26 min
Lab File: BF089468.D
Acq: 31 Jul 2016 13:51

Tgt Ion:165 Resp: 11032
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.2#
89 0.0 79.1 118.7#
182 0.0 1.8 2.8#

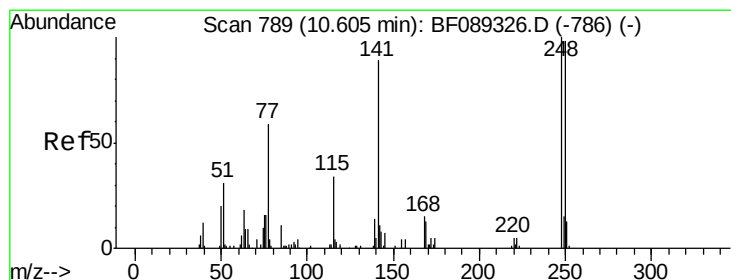
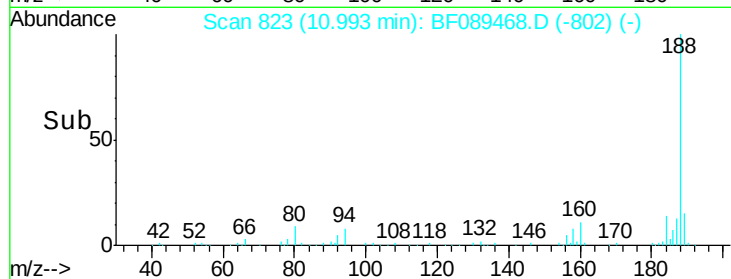
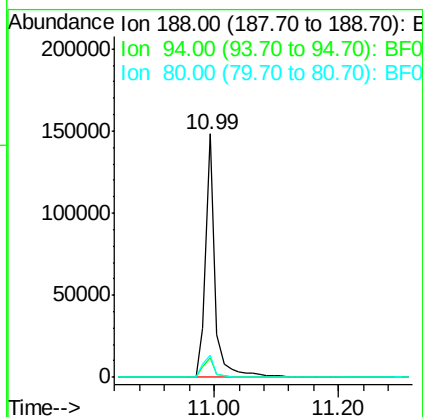
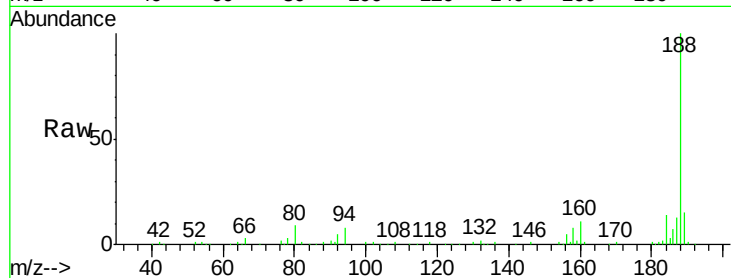




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089468.D
 Acq: 31 Jul 2016 13:51

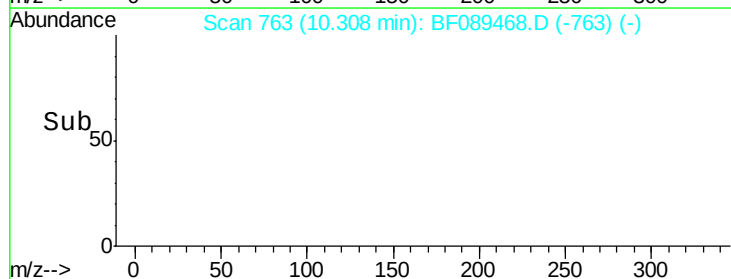
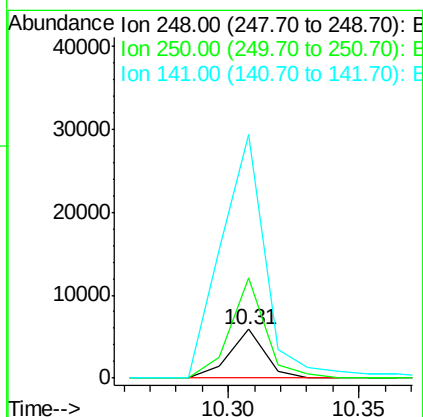
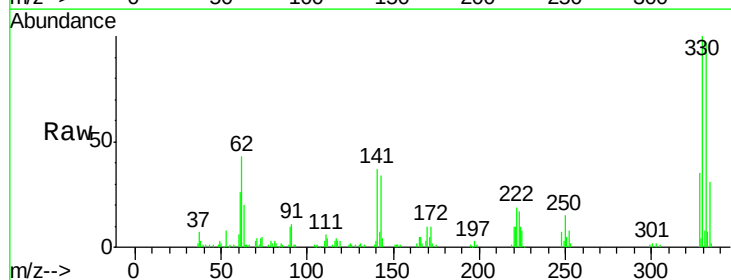
Instrument :
 BNA_F
 ClientSampleId :

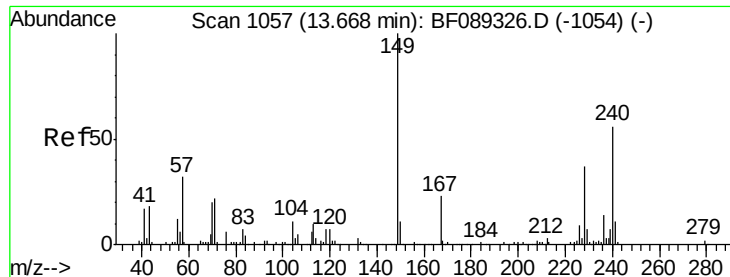
Tot Ion:188 Resp: 159678
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.5 9.7
 80 9.0 7.2 10.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.61 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.30 min
 Lab File: BF089468.D
 Acq: 31 Jul 2016 13:51

Tgt Ion:248 Resp: 5500
 Ion Ratio Lower Upper
 248 100
 250 205.1 78.2 117.2#
 141 500.4 62.0 93.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.06 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

Instrument :

BNA_F

ClientSampleId :

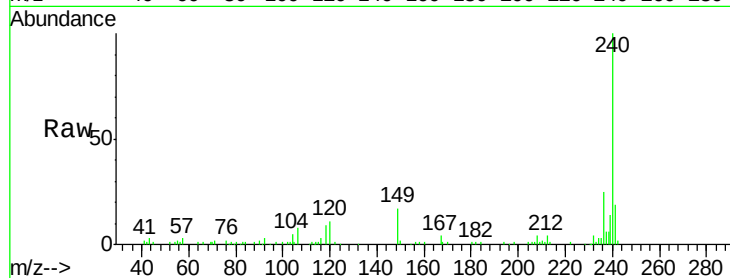
Tot Ion:240 Resp: 101609

Ion Ratio Lower Upper

240 100

120 10.6 9.1 13.7

236 25.3 20.6 30.8

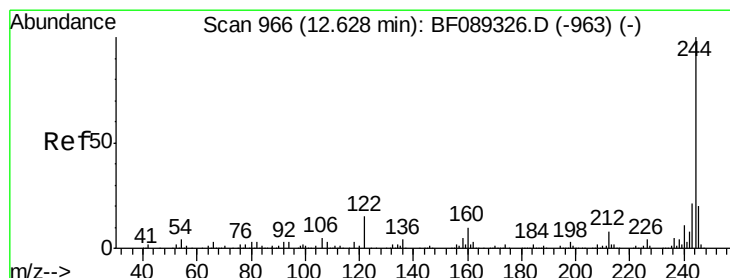
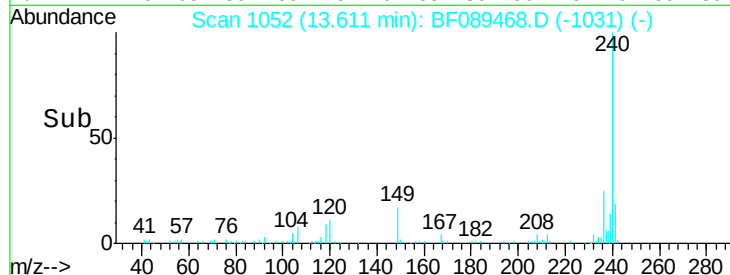
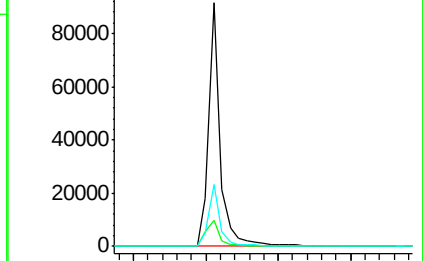


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.61



#78

Terphenyl-d14

Concen: 78.71 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

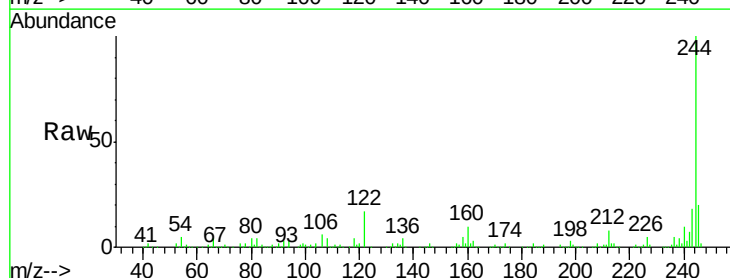
Tgt Ion:244 Resp: 341701

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 17.1 11.4 17.0#

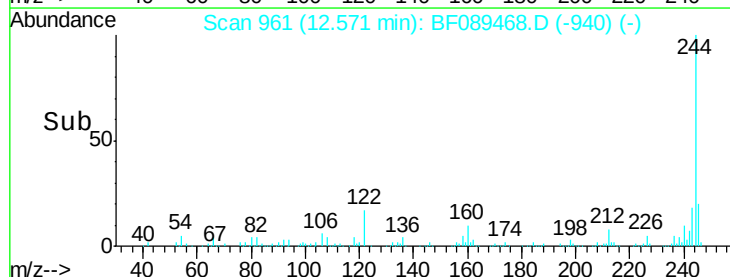
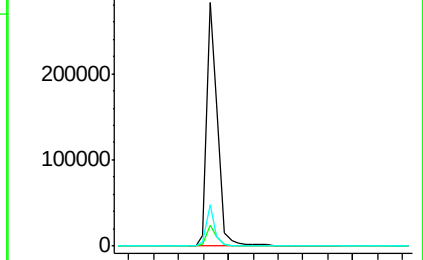


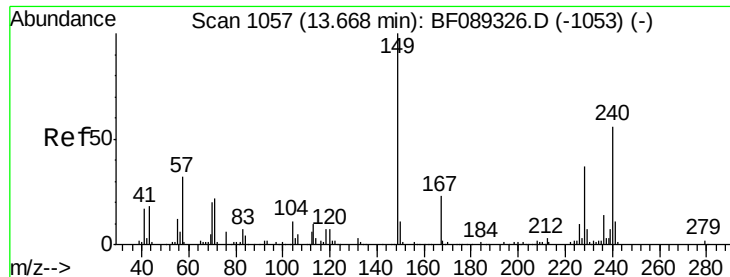
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.57





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.04 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.06 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

Instrument :

BNA_F

ClientSampleId :

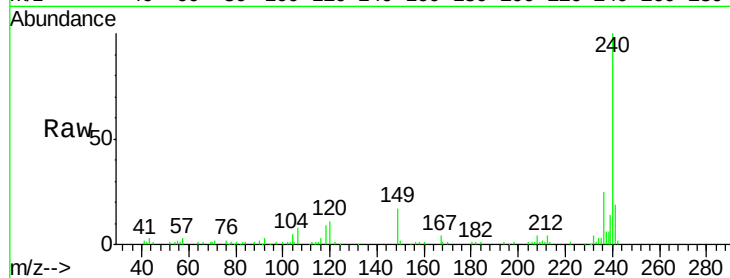
Tot Ion:149 Resp: 25498

Ion Ratio Lower Upper

149 100

167 25.2 18.8 28.2

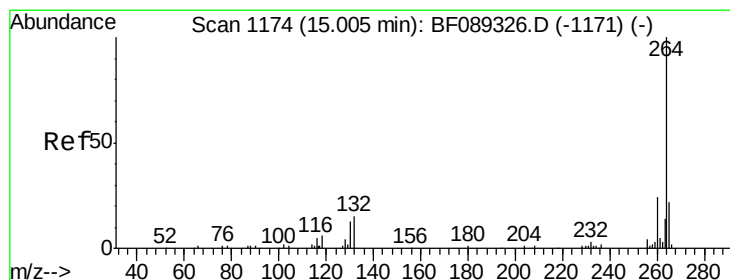
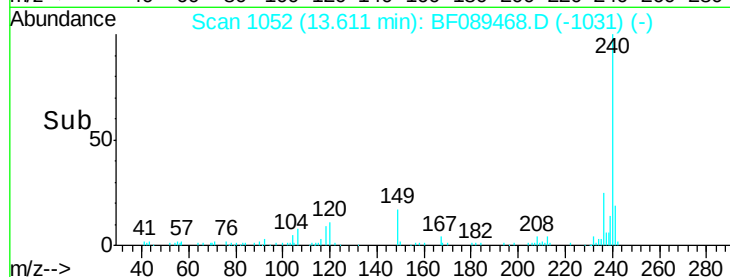
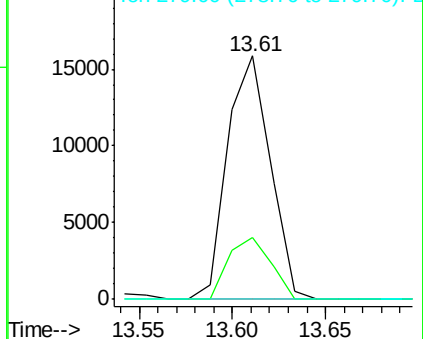
279 0.0 1.4 2.0#



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: 14.94 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

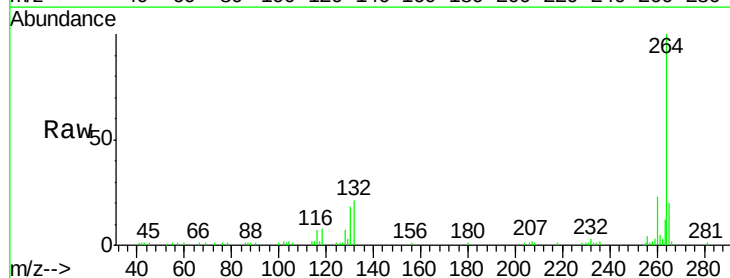
Tgt Ion:264 Resp: 77977

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 20.2 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

