

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089806.D
 Acq On : 19 Aug 2016 20:00
 Operator : UM/SJ
 Sample : H4507-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Quant Time: Aug 22 01:54:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 01:47:27 2016
 Response via : Initial Calibration

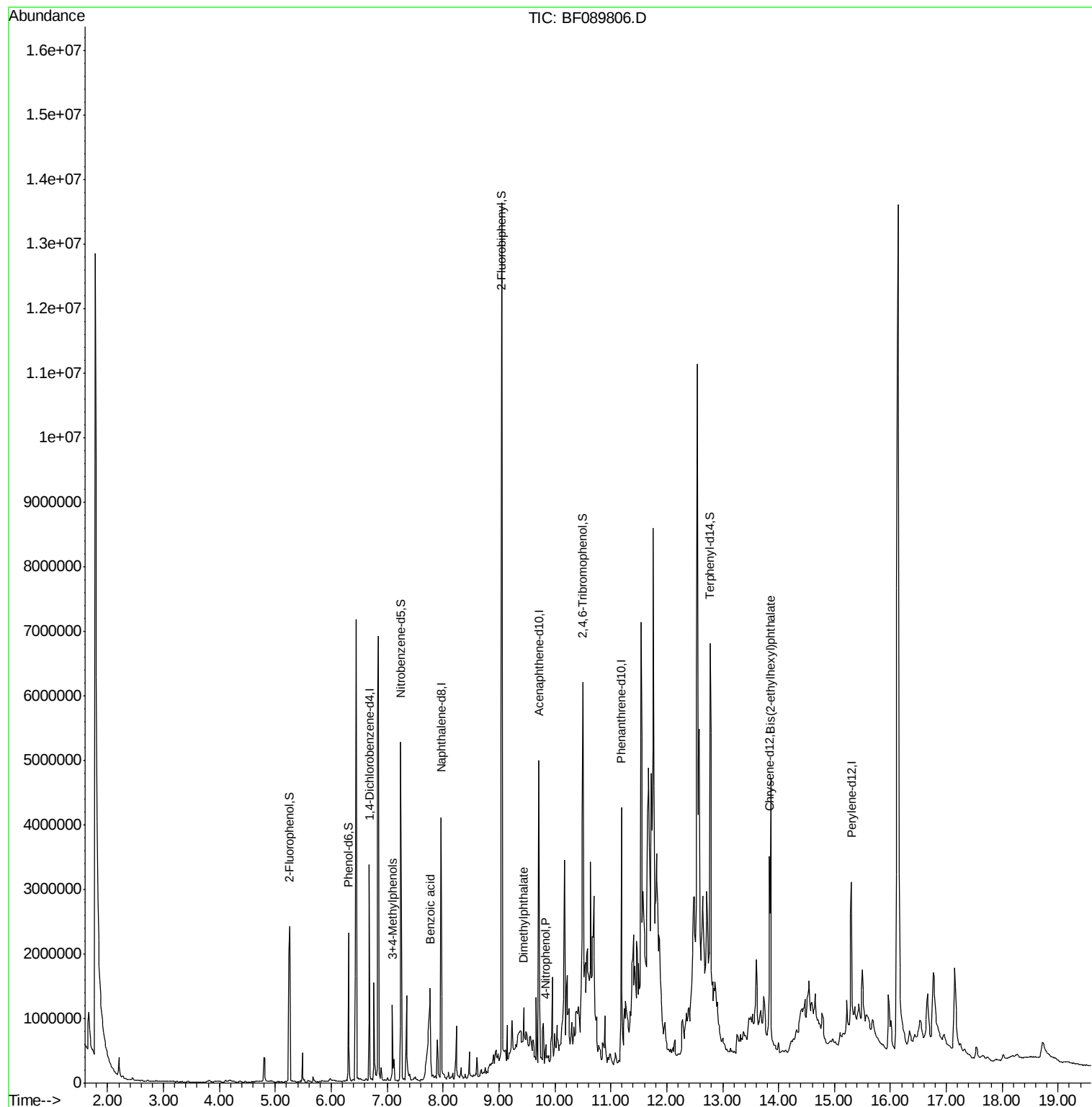
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	525148	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1876418	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	857810	20.00	ng	-0.01
63) Phenanthrene-d10	11.19	188	1301397	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	947067	20.00	ng	-0.06
86) Perylene-d12	15.30	264	1089314	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	988419	32.28	ng	0.00
7) Phenol-d6	6.31	99	717134	19.08	ng	-0.01
23) Nitrobenzene-d5	7.24	82	2166215	71.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	583618	71.59	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4064142	83.27	ng	0.00
78) Terphenyl-d14	12.78	244	2014282	48.12	ng	-0.02
Target Compounds						
20) 3+4-Methylphenols	7.10	107	240258	6.83	ng	Qvalue # 45
32) Benzoic acid	7.77	122	908167	38.25	ng	97
49) Dimethylphthalate	9.44	163	194232	3.22	ng	99
55) 4-Nitrophenol	9.84	139	65083	5.16	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	1306989	27.24	ng	99

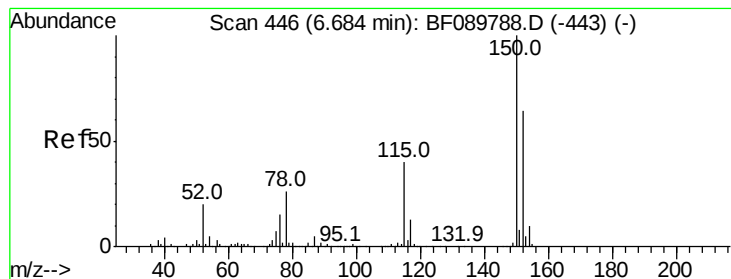
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
Data File : BF089806.D
Acq On : 19 Aug 2016 20:00
Operator : UM/SJ
Sample : H4507-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Quant Time: Aug 22 01:54:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 22 01:47:27 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF089806.D

Acq: 19 Aug 2016 20:00

Instrument :

BNA_F

ClientSampleId :

MANHOLE

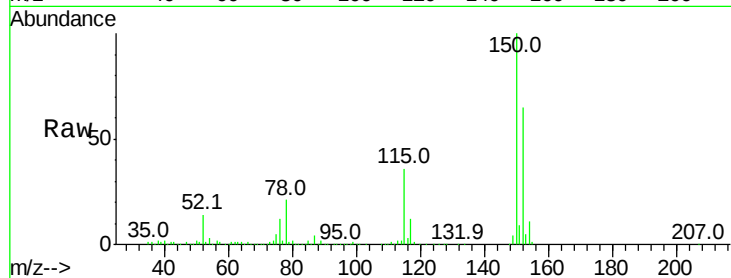
Tot Ion:152 Resp: 525148

Ion Ratio Lower Upper

152 100

150 154.4 125.3 187.9

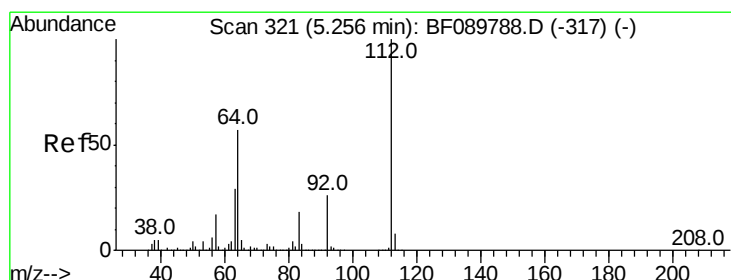
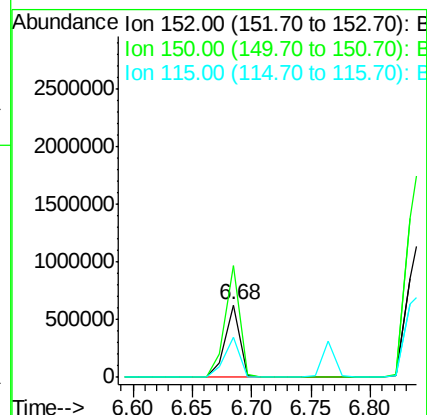
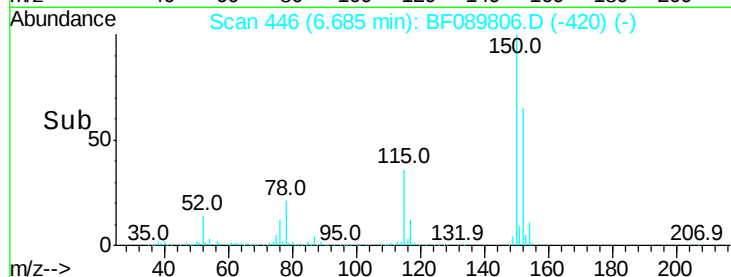
115 55.0 40.9 61.3



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: 32.28 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF089806.D

Acq: 19 Aug 2016 20:00

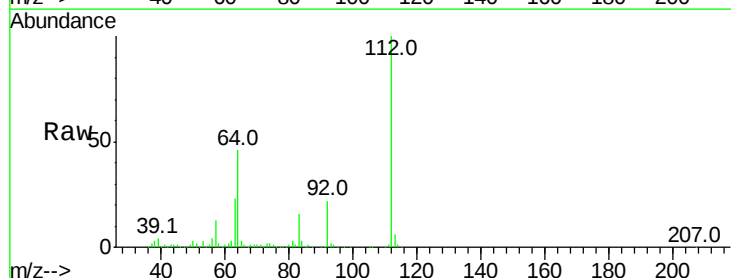
Tgt Ion:112 Resp: 988419

Ion Ratio Lower Upper

112 100

64 45.7 45.0 67.4

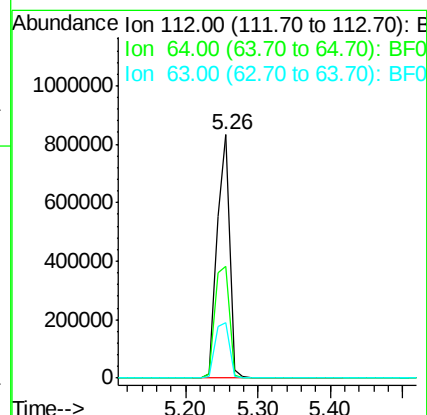
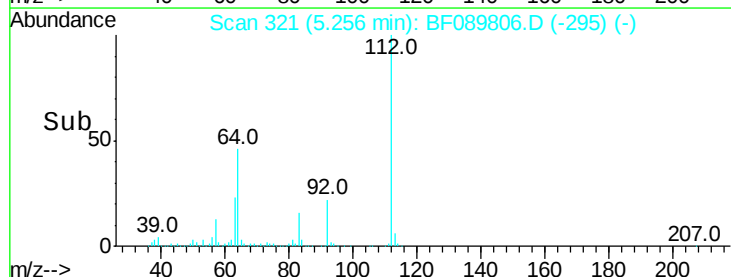
63 22.8 23.1 34.7#

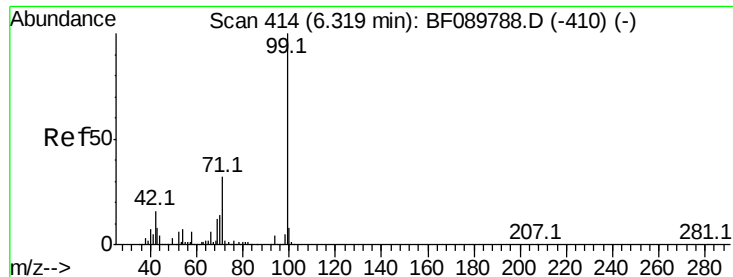


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.08 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089806.D

Acq: 19 Aug 2016 20:00

Instrument :

BNA_F

ClientSampled :

MANHOLE

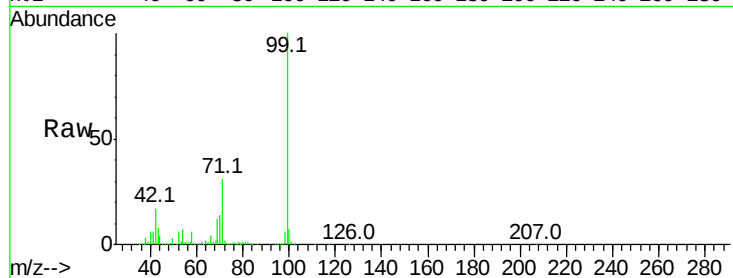
Tot Ion: 99 Resp: 717134

Ion Ratio Lower Upper

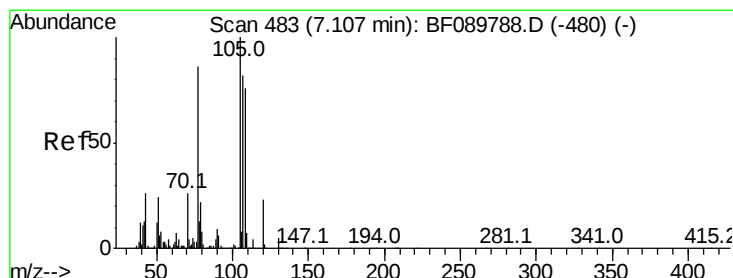
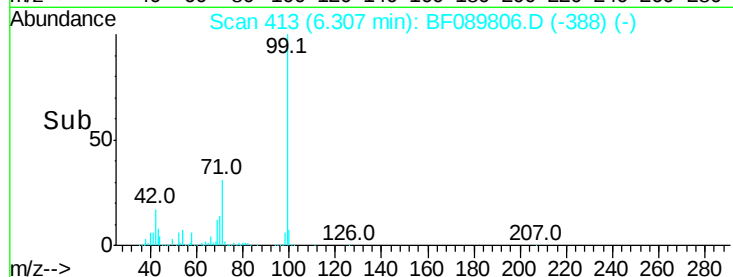
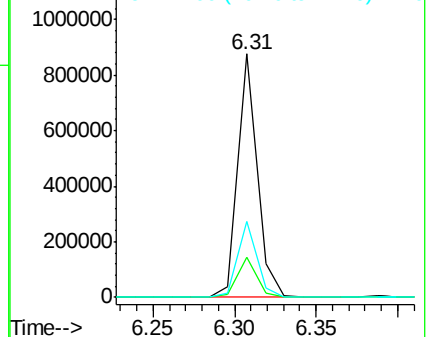
99 100

42 16.7 12.2 18.4

71 31.4 23.8 35.8



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



#20

3+4-Methylphenols

Concen: 6.83 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089806.D

Acq: 19 Aug 2016 20:00

Tgt Ion:107 Resp: 240258

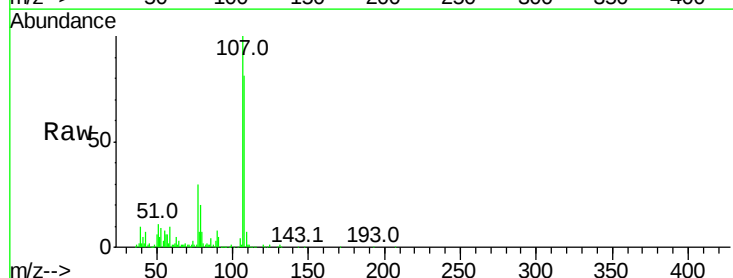
Ion Ratio Lower Upper

107 100

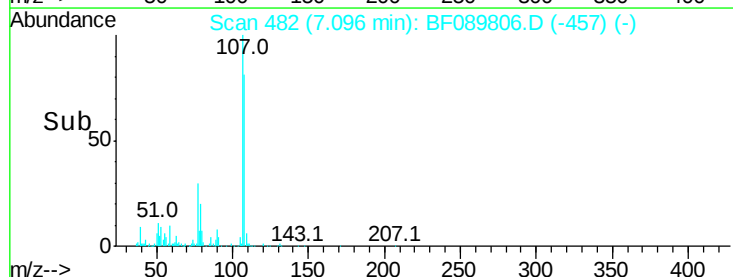
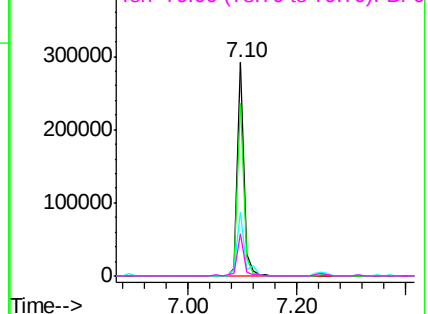
108 80.7 68.2 108.2

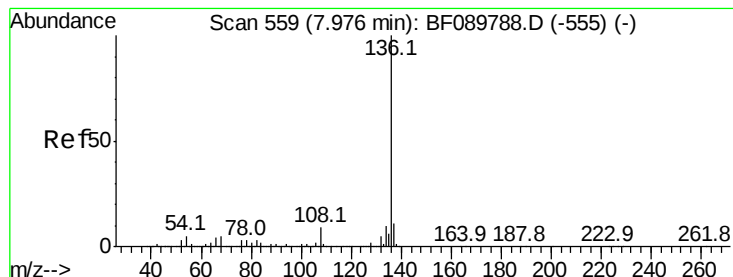
77 29.7 122.3 162.3#

79 20.0 8.2 48.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089806.D

Acq: 19 Aug 2016 20:00

Instrument :

BNA_F

ClientSampleId :

MANHOLE

Tot Ion:136 Resp: 1876418

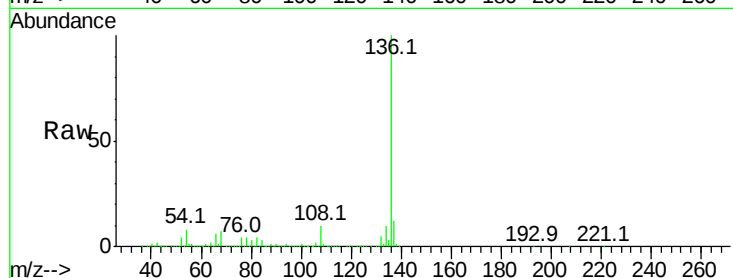
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 8.0 7.2 10.8

68 7.2 5.8 8.8

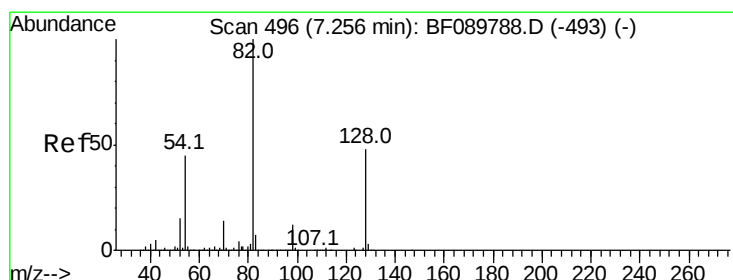
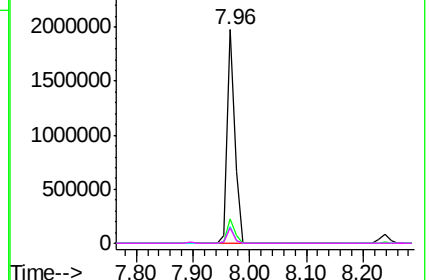
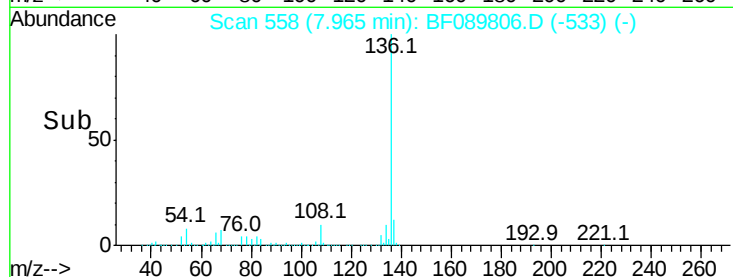


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.72 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF089806.D

Acq: 19 Aug 2016 20:00

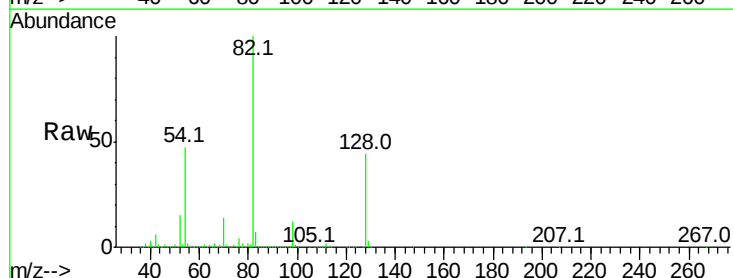
Tgt Ion: 82 Resp: 2166215

Ion Ratio Lower Upper

82 100

128 43.9 34.4 51.6

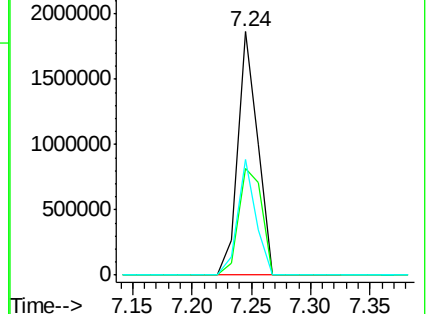
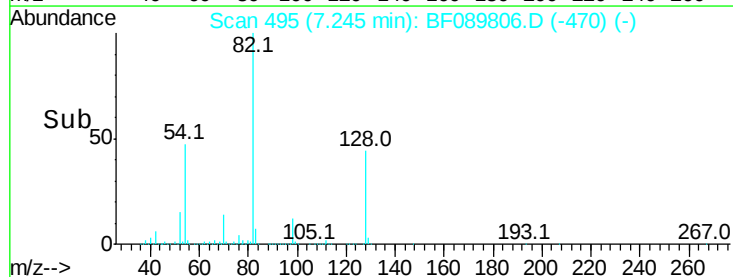
54 47.3 40.3 60.5

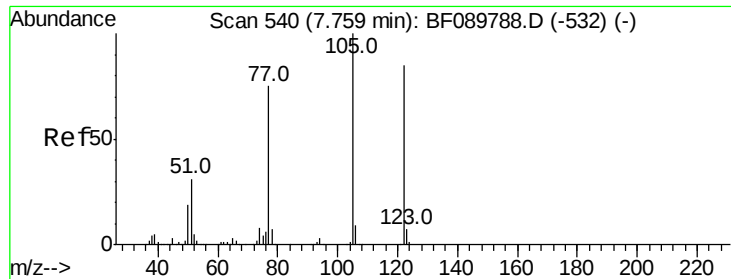


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

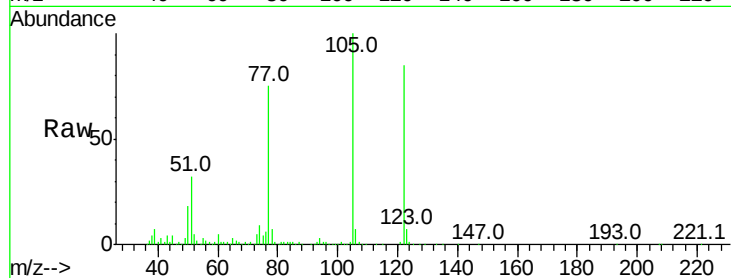




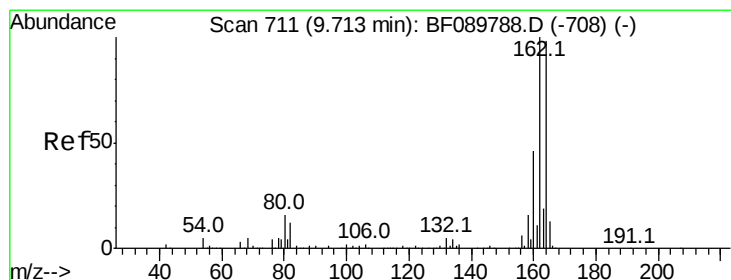
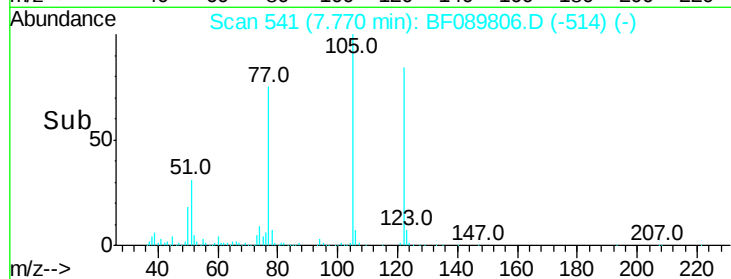
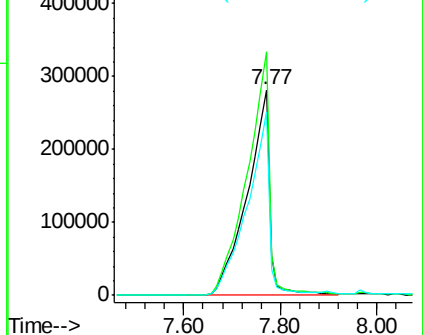
#32
Benzoic acid
Concen: 38.25 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF089806.D
Acq: 19 Aug 2016 20:00

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tot Ion:122 Resp: 908167
Ion Ratio Lower Upper
122 100
105 118.3 100.8 140.8
77 89.0 72.1 112.1

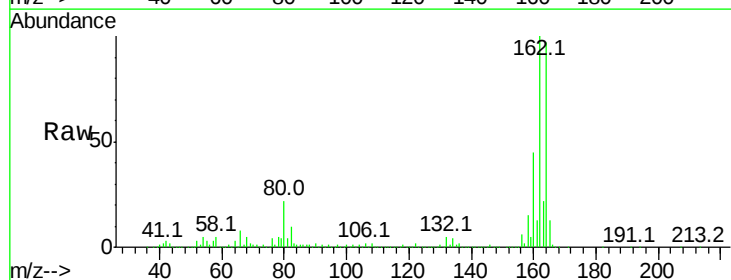


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BFO

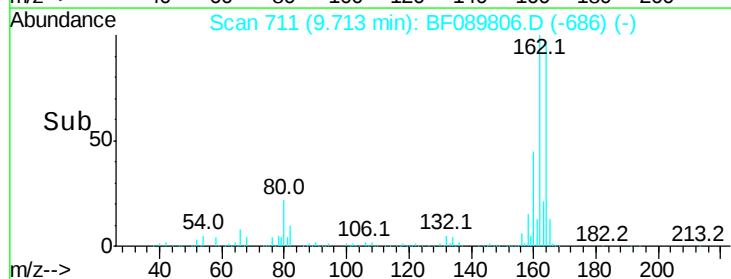
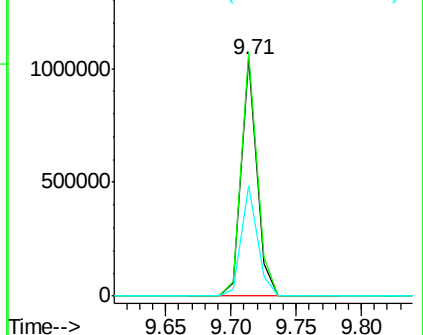


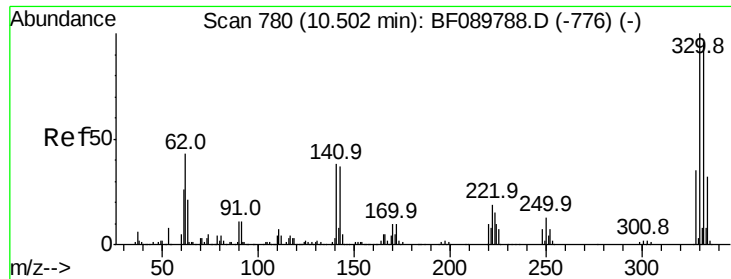
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF089806.D
Acq: 19 Aug 2016 20:00

Tgt Ion:164 Resp: 857810
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.2
160 46.7 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

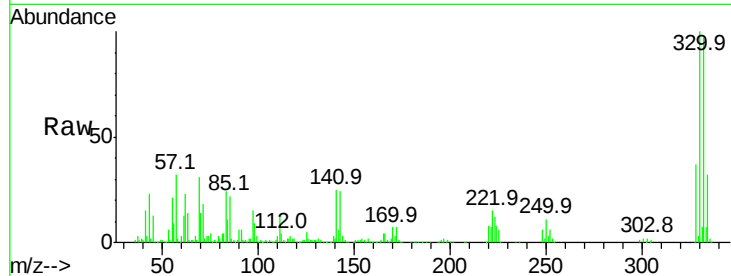




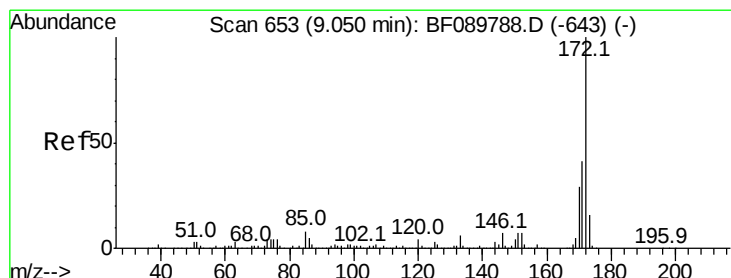
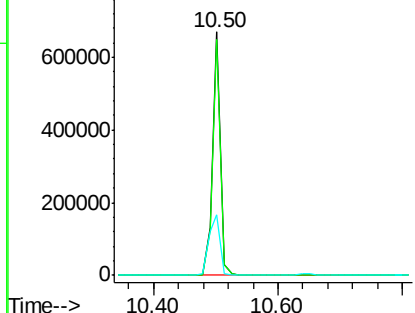
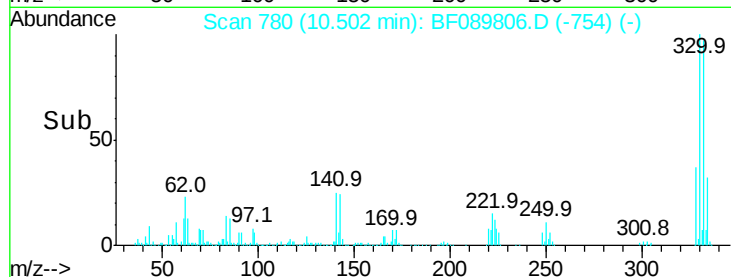
#41
 2,4,6-Tribromophenol
 Concen: 71.59 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089806.D
 Acq: 19 Aug 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Tot Ion:330 Resp: 583618
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 34.8 30.2 45.2

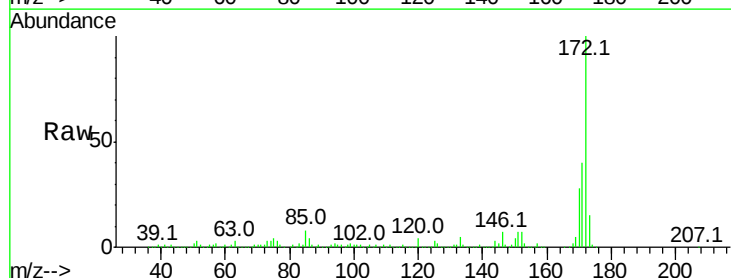


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

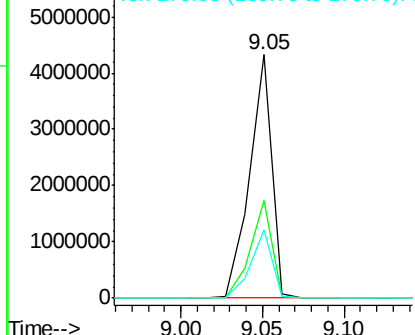
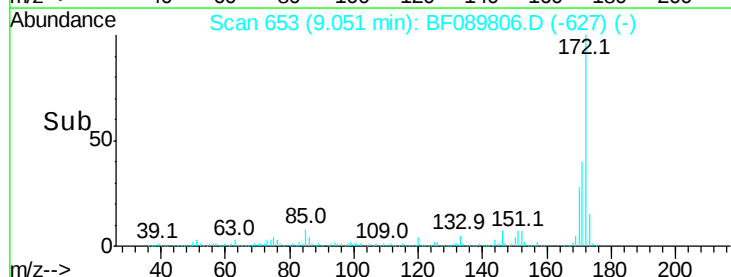


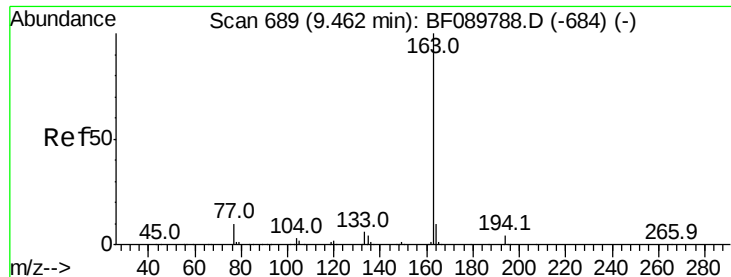
#44
 2-Fluorobiphenyl
 Concen: 83.27 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089806.D
 Acq: 19 Aug 2016 20:00

Tgt Ion:172 Resp: 4064142
 Ion Ratio Lower Upper
 172 100
 171 39.9 30.5 45.7
 170 28.1 20.6 31.0



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

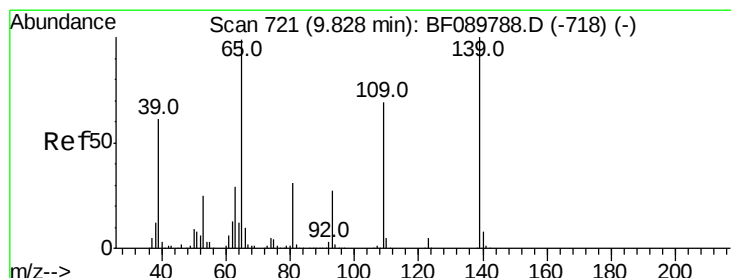
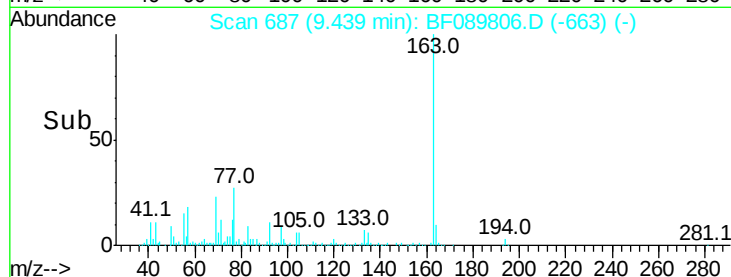
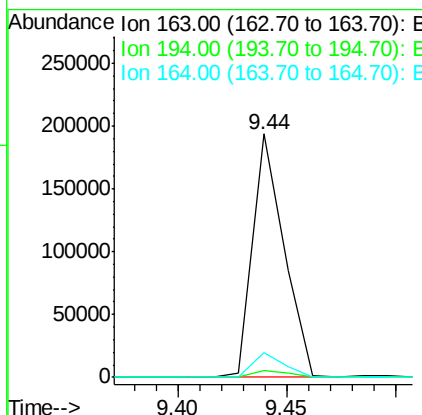
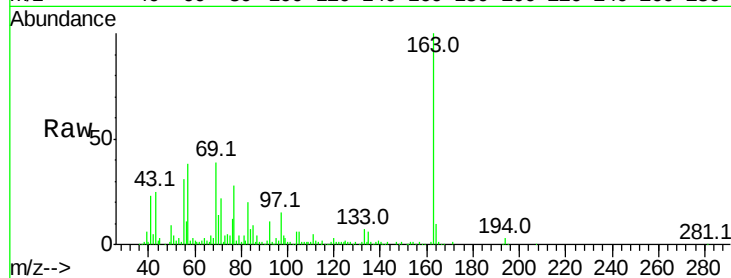




#49
Dimethylphthalate
Concen: 3.22 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF089806.D
Acq: 19 Aug 2016 20:00

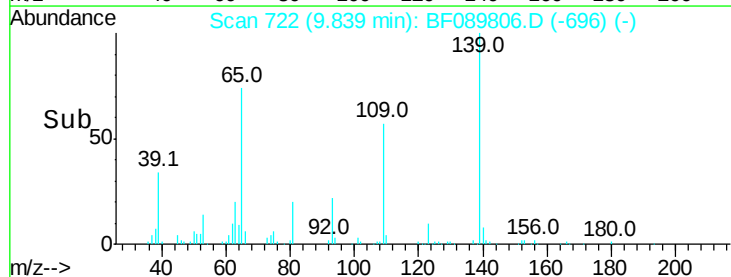
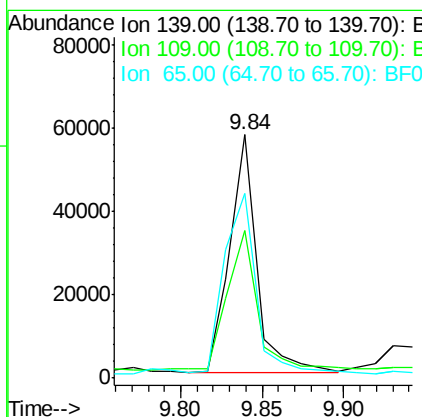
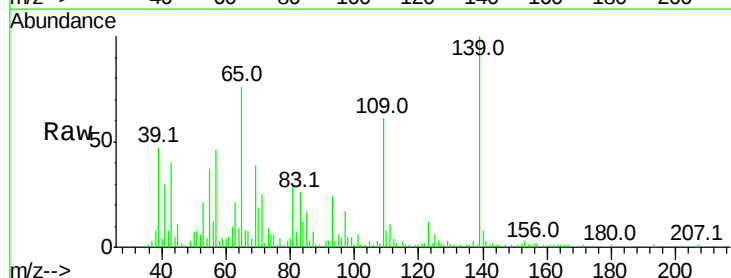
Instrument :
BNA_F
ClientSampleId :
MANHOLE

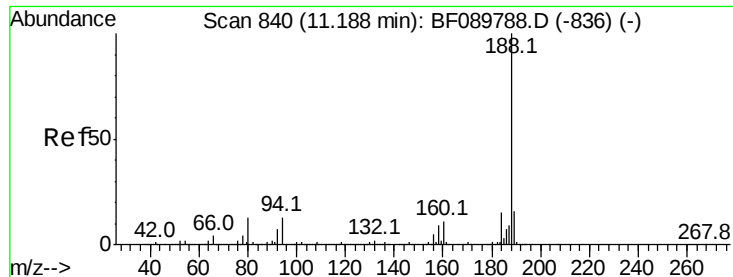
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	3.8
164	10.3	8.6	12.8



#55
4-Nitrophenol
Concen: 5.16 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089806.D
Acq: 19 Aug 2016 20:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.8	43.0	83.0
65	75.8	55.7	95.7

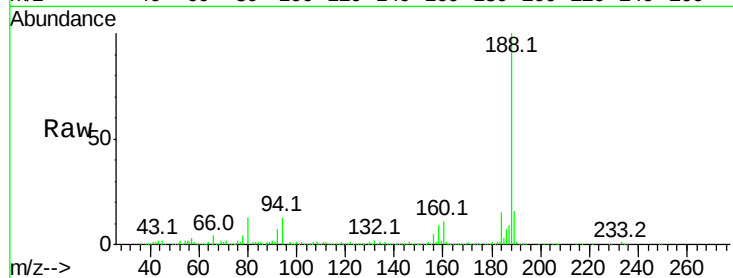




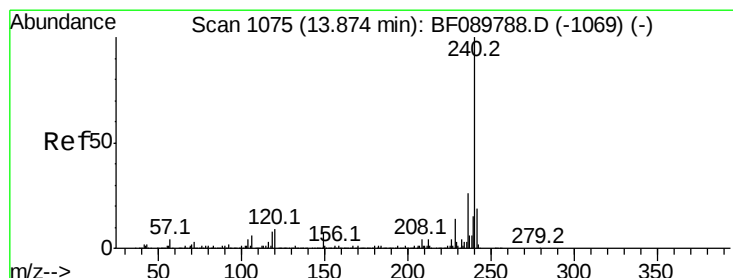
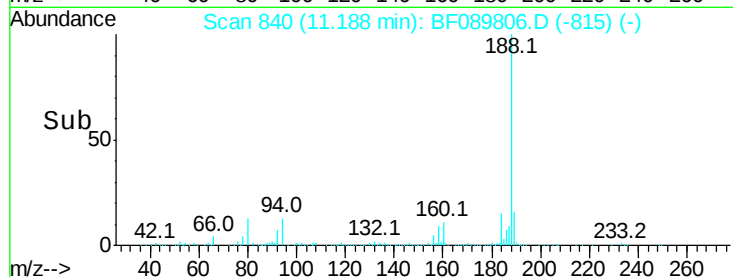
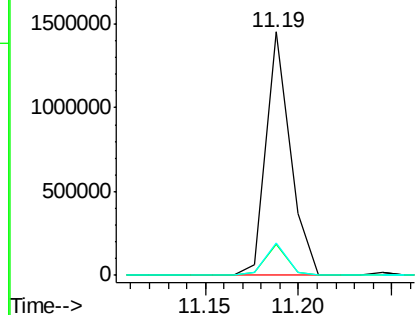
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF089806.D
Acq: 19 Aug 2016 20:00

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tot Ion:188 Resp: 1301397
Ion Ratio Lower Upper
188 100
94 12.9 10.2 15.2
80 13.3 10.9 16.3

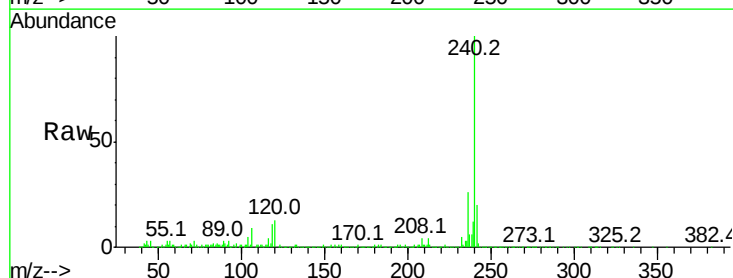


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

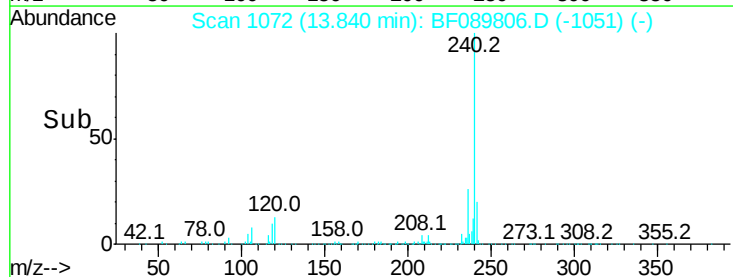
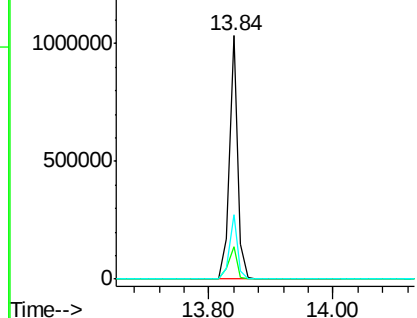


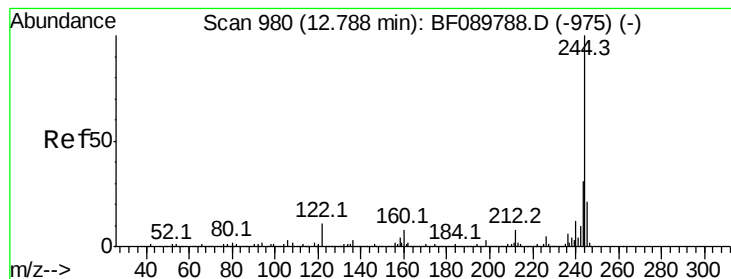
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.06 min
Lab File: BF089806.D
Acq: 19 Aug 2016 20:00

Tgt Ion:240 Resp: 947067
Ion Ratio Lower Upper
240 100
120 13.3 8.3 12.5#
236 26.4 21.3 31.9



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: 48.12 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF089806.D

Acq: 19 Aug 2016 20:00

Instrument :

BNA_F

ClientSampleId :

MANHOLE

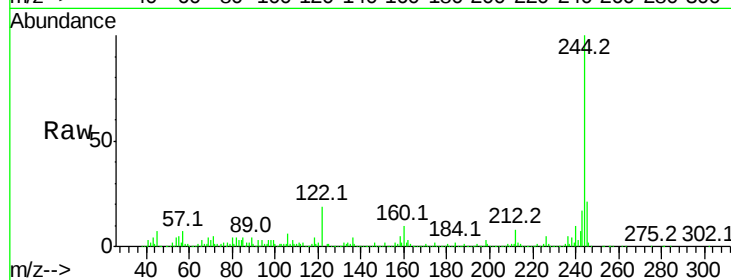
Tot Ion:244 Resp: 2014282

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

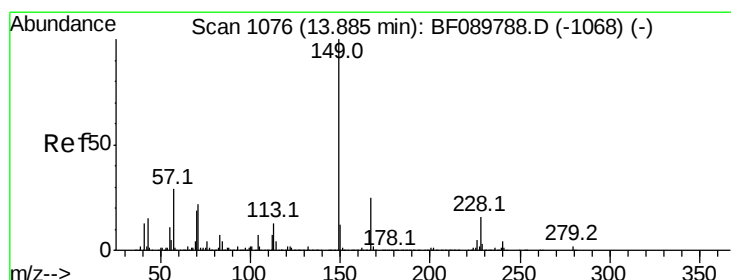
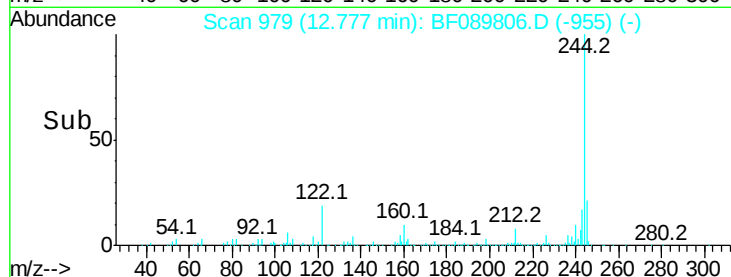
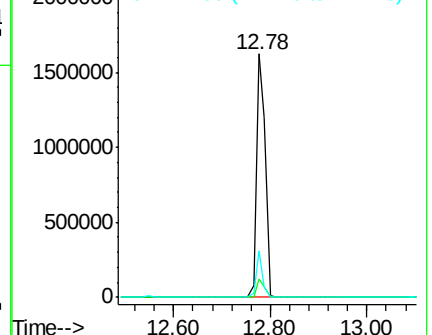
122 19.2 12.0 18.0#



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: 27.24 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.06 min

Lab File: BF089806.D

Acq: 19 Aug 2016 20:00

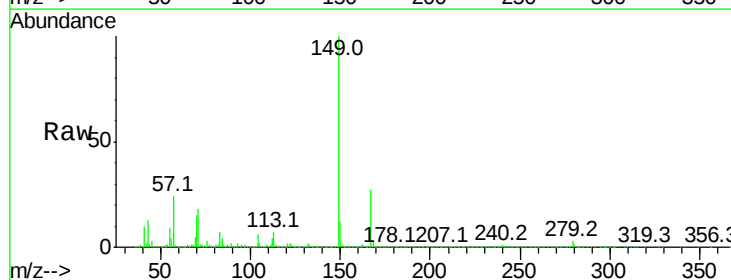
Tgt Ion:149 Resp: 1306989

Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

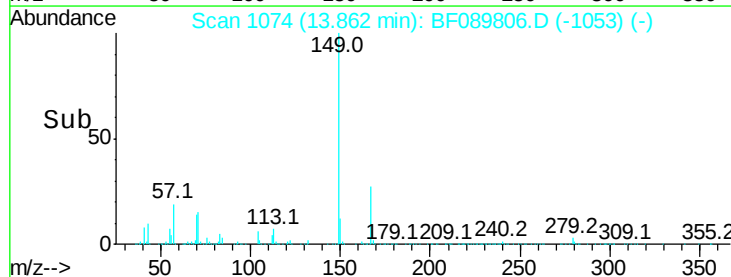
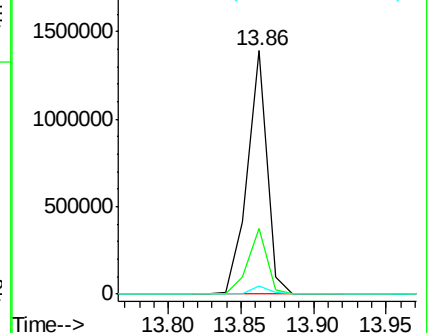
279 3.2 2.9 4.3

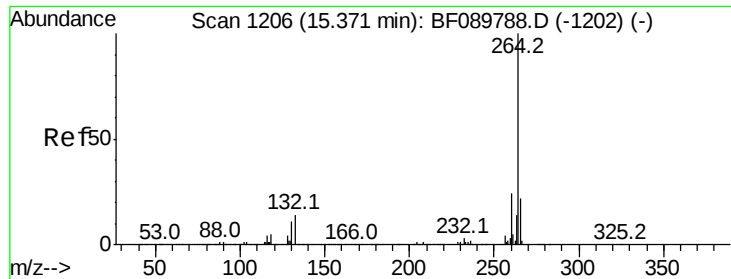


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.15 min
Lab File: BF089806.D
Acq: 19 Aug 2016 20:00

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tot Ion:264 Resp: 1089314

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	22.0	17.4	26.2

