

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089804.D
 Acq On : 19 Aug 2016 19:07
 Operator : UM/SJ
 Sample : H4478-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-DISCHARGE-39ST-081516

Quant Time: Aug 22 01:49:41 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

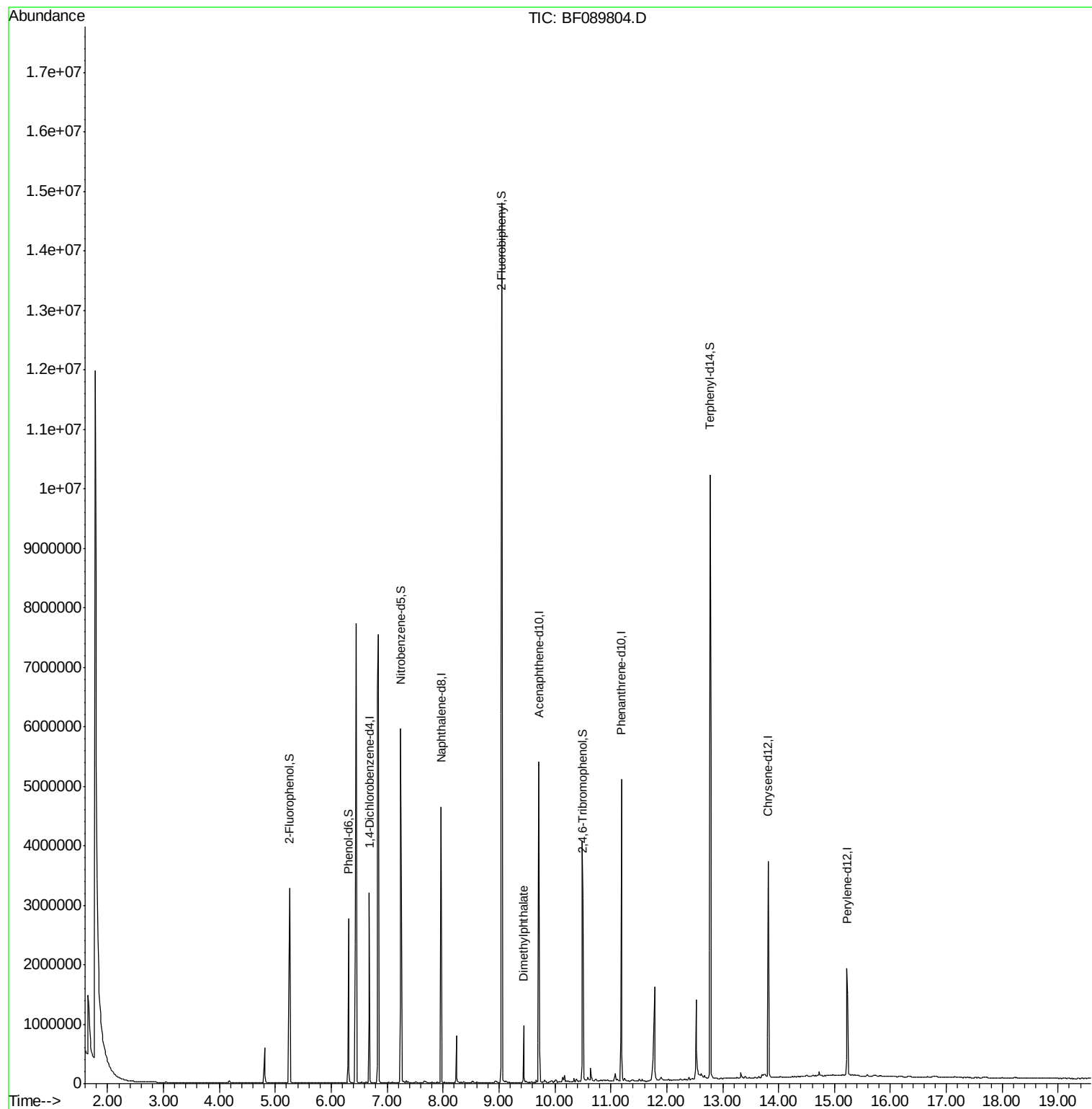
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	533503	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1937081	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	967172	20.00	ng	-0.01
63) Phenanthrene-d10	11.19	188	1654856	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	1192267	20.00	ng	-0.08
86) Perylene-d12	15.22	264	930113	20.00	ng	-0.23
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1119463	35.98	ng	0.00
7) Phenol-d6	6.31	99	846929	22.18	ng	-0.01
23) Nitrobenzene-d5	7.24	82	2604277	83.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	727850	79.19	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4673776	84.93	ng	0.00
78) Terphenyl-d14	12.78	244	3989975	75.71	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.44	163	348139	5.11	ng	Qvalue 99

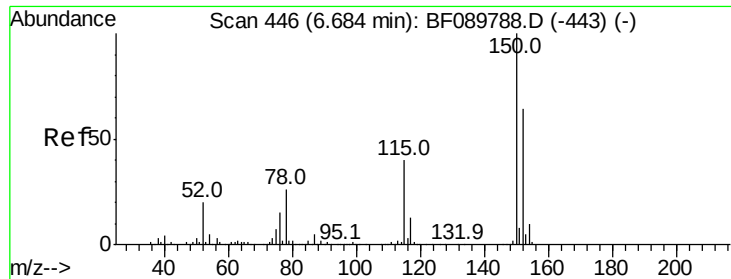
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF089804.D

Acq: 19 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

SEWER-DISCHARGE-39ST-081516

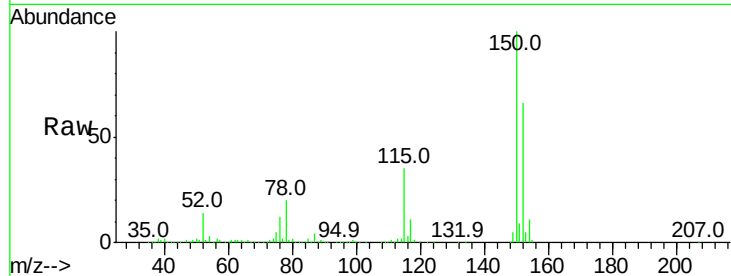
Tot Ion:152 Resp: 533503

Ion Ratio Lower Upper

152 100

150 150.9 125.3 187.9

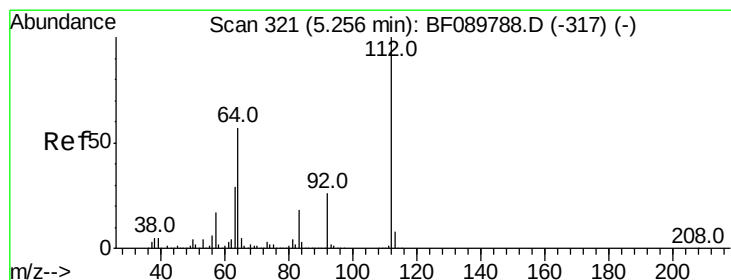
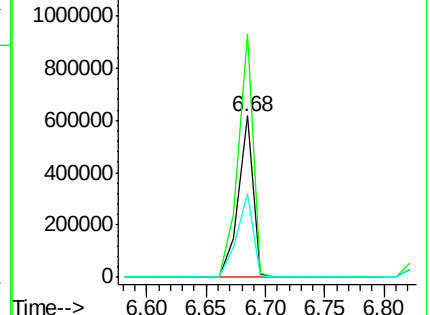
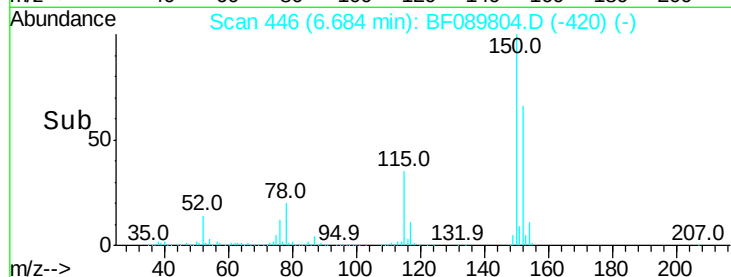
115 52.1 40.9 61.3



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: 35.98 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.00 min

Lab File: BF089804.D

Acq: 19 Aug 2016 19:07

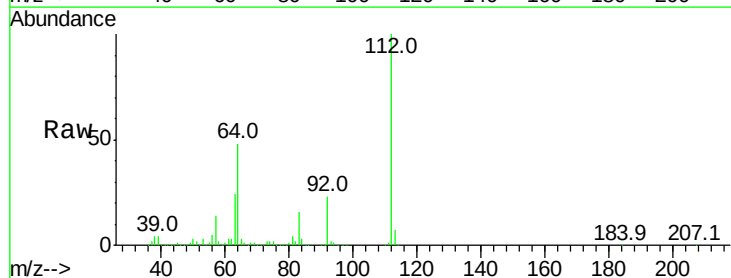
Tgt Ion:112 Resp: 1119463

Ion Ratio Lower Upper

112 100

64 48.1 45.0 67.4

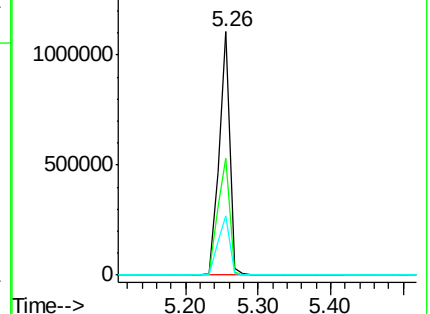
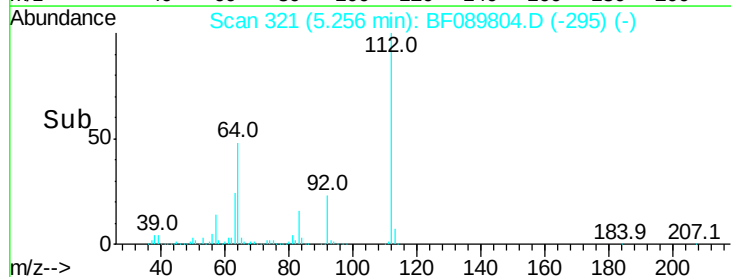
63 24.1 23.1 34.7

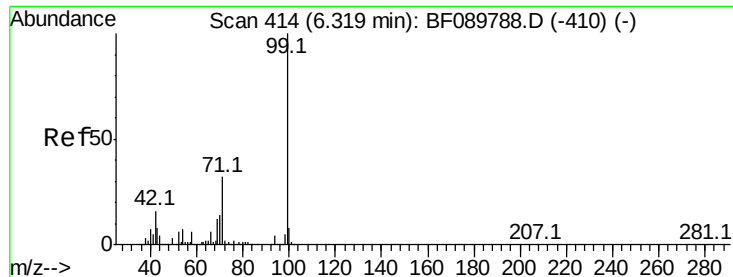


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.18 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089804.D

Acq: 19 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

SEWER-DISCHARGE-39ST-081516

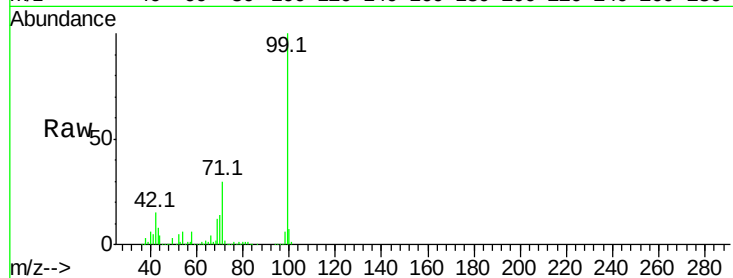
Tot Ion: 99 Resp: 846929

Ion Ratio Lower Upper

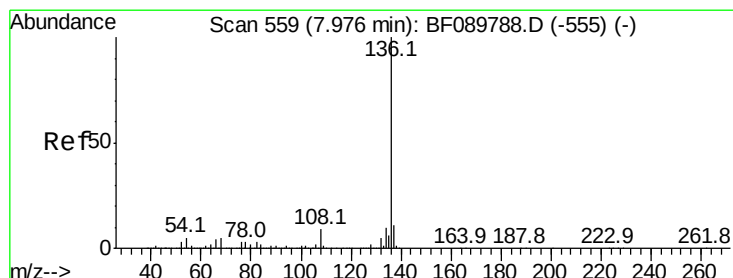
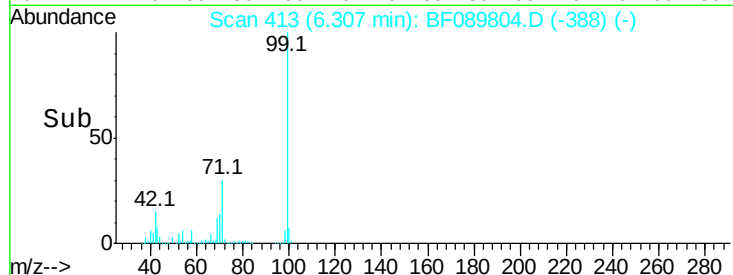
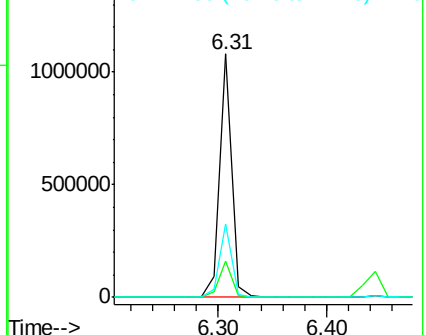
99 100

42 15.1 12.2 18.4

71 30.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089804.D

Acq: 19 Aug 2016 19:07

Tgt Ion: 136 Resp: 1937081

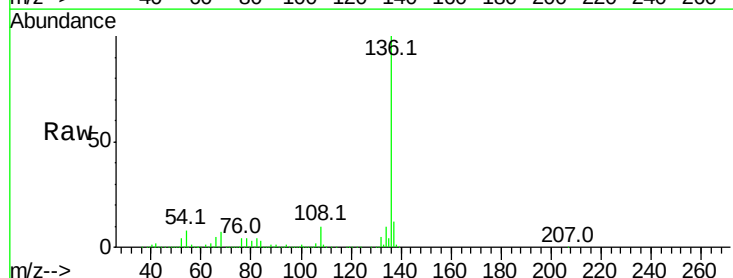
Ion Ratio Lower Upper

136 100

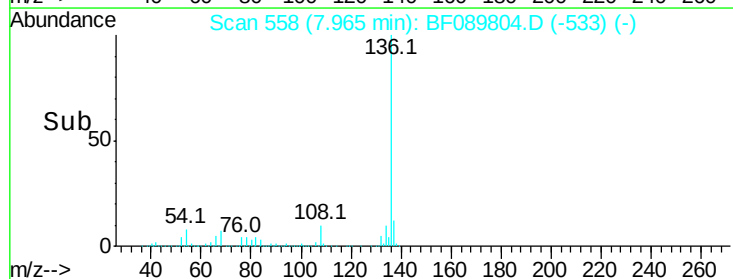
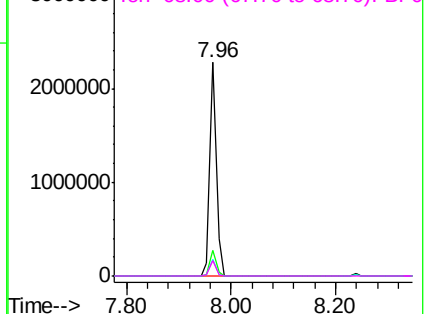
137 11.9 9.2 13.8

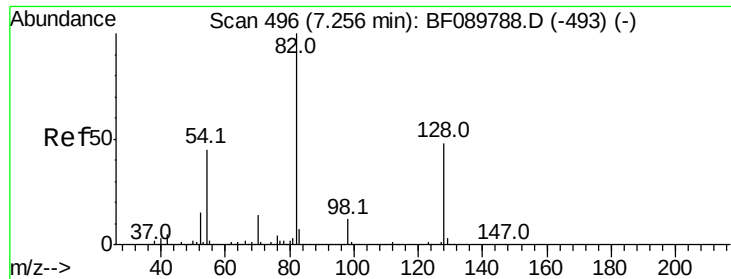
54 7.8 7.2 10.8

68 6.9 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

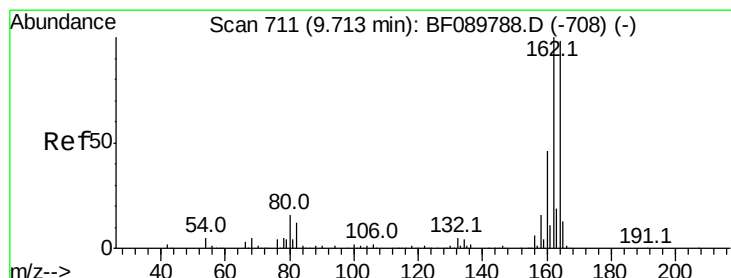
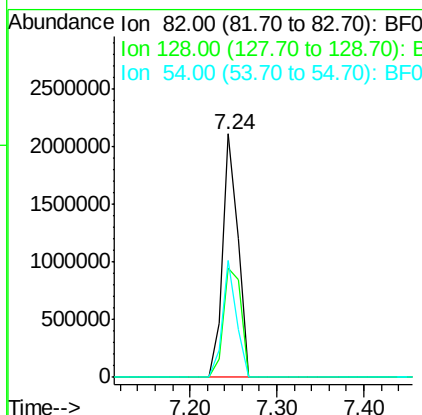
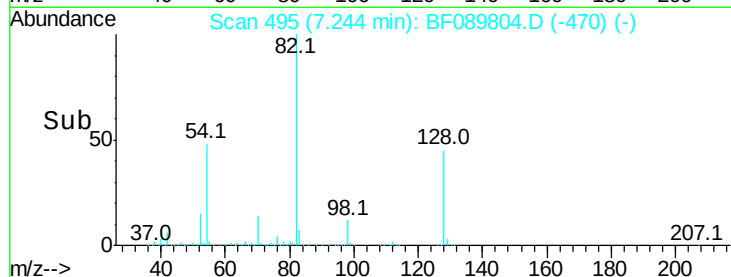
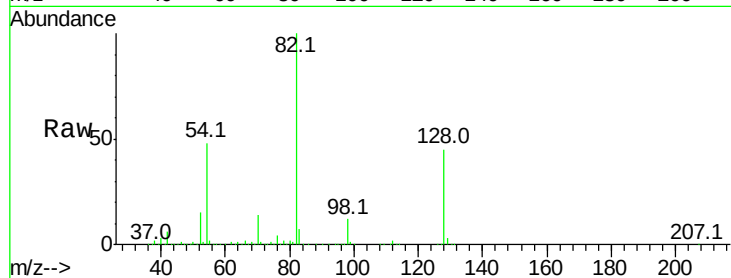




#23
 Nitrobenzene-d5
 Concen: 83.52 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF089804.D
 Acq: 19 Aug 2016 19:07

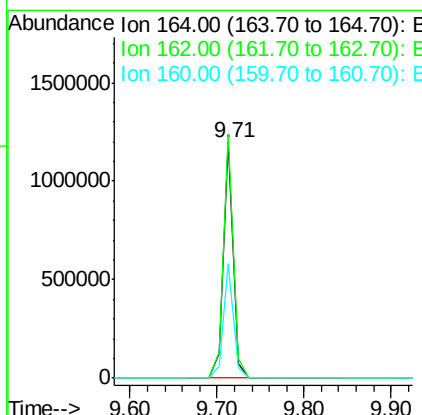
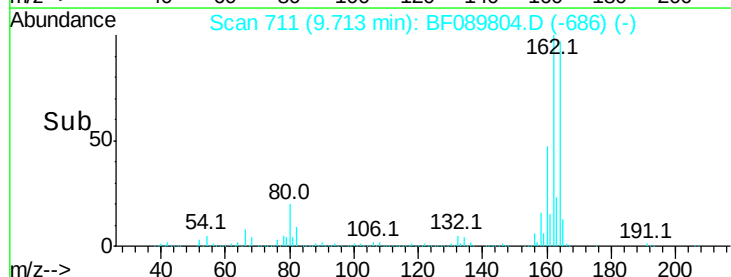
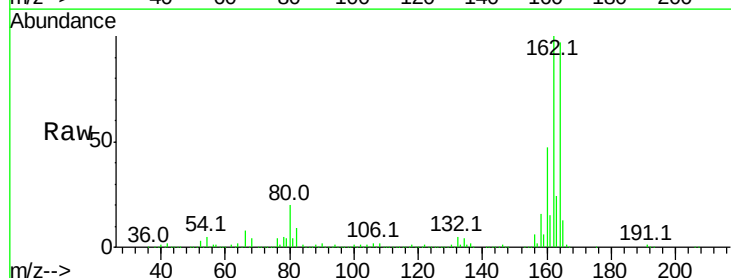
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-DISCHARGE-39ST-081516

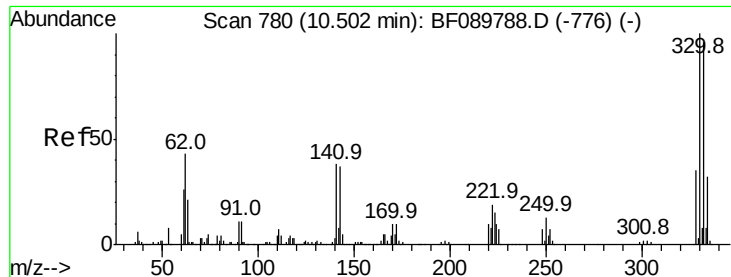
Tot Ion: 82 Resp: 2604277
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.4 51.6
 54 47.8 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF089804.D
 Acq: 19 Aug 2016 19:07

Tgt Ion:164 Resp: 967172
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.4 122.2
 160 48.3 37.8 56.6



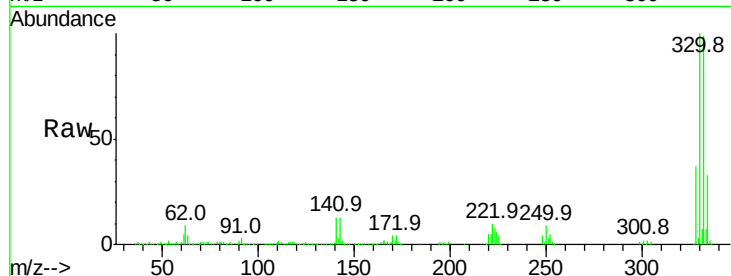


#41
 2,4,6-Tribromophenol
 Concen: 79.19 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089804.D
 Acq: 19 Aug 2016 19:07

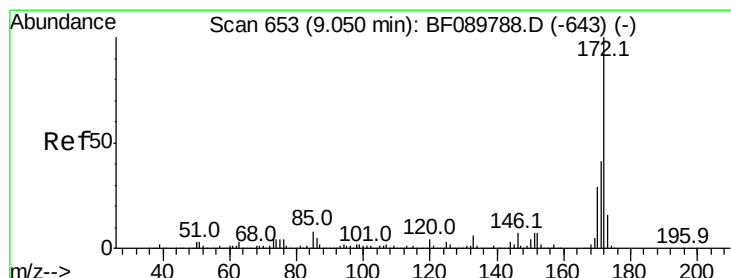
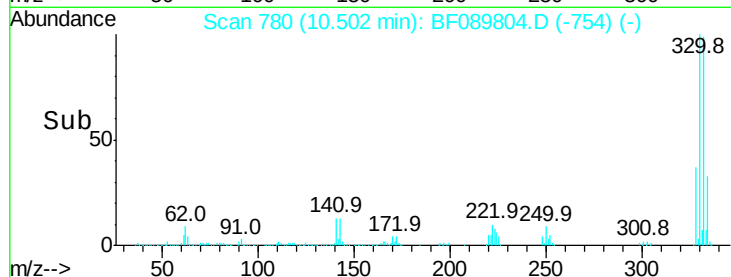
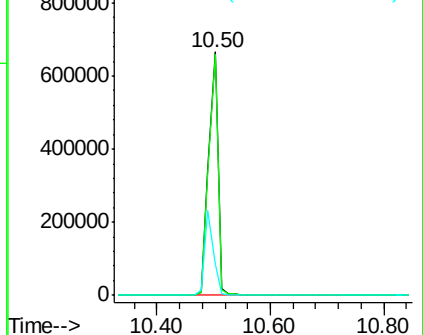
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-DISCHARGE-39ST-081516

Tot Ion:330 Resp: 727850

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.7	115.1
141	32.8	30.2	45.2



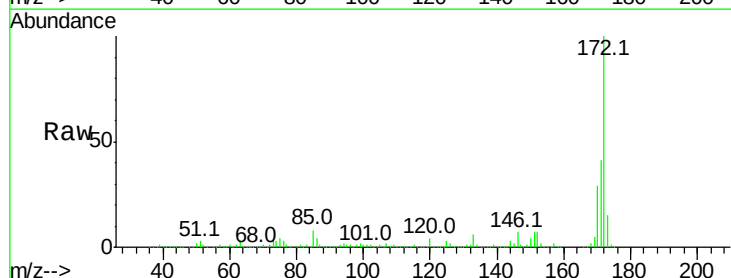
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



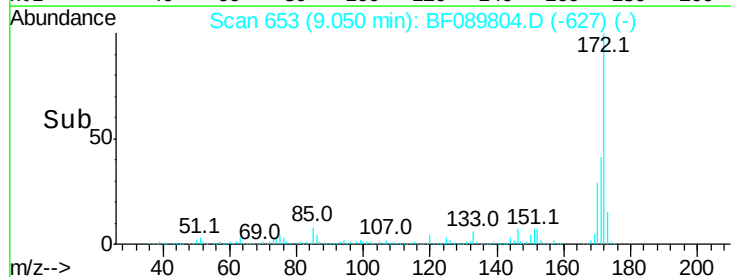
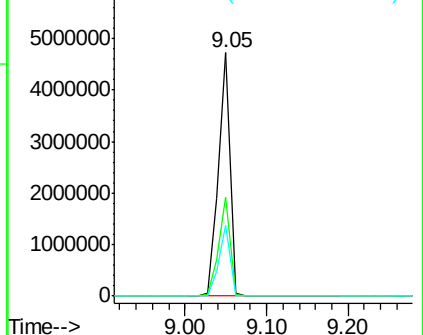
#44
 2-Fluorobiphenyl
 Concen: 84.93 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF089804.D
 Acq: 19 Aug 2016 19:07

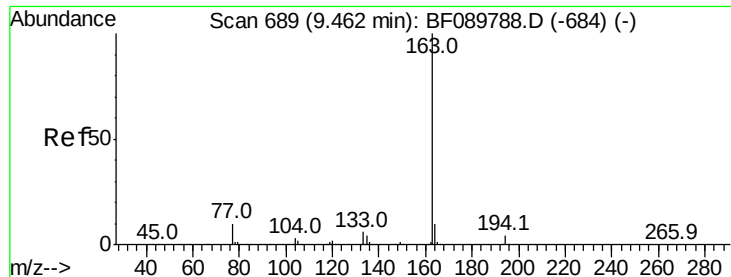
Tgt Ion:172 Resp: 4673776

Ion	Ratio	Lower	Upper
172	100		
171	40.9	30.5	45.7
170	29.0	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: 5.11 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089804.D

Acq: 19 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

SEWER-DISCHARGE-39ST-081516

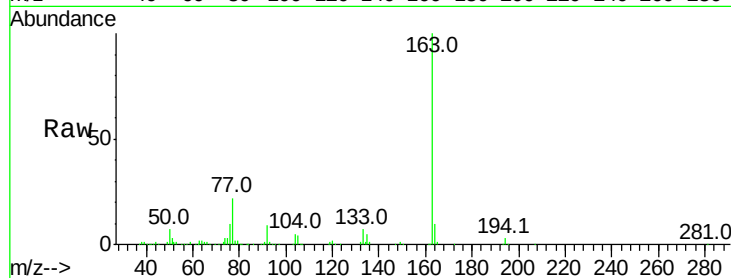
Tot Ion:163 Resp: 348139

Ion Ratio Lower Upper

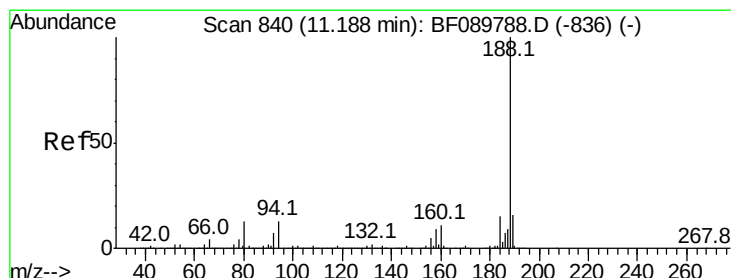
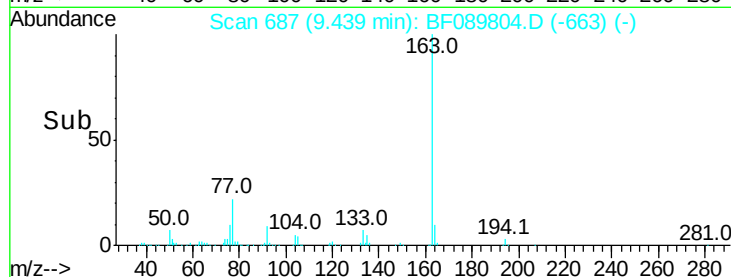
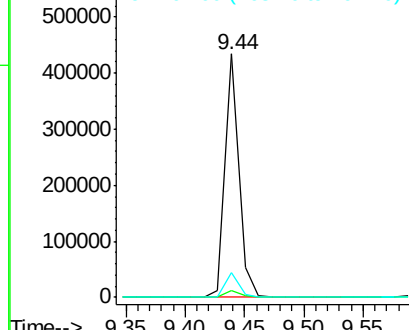
163 100

194 2.9 2.6 3.8

164 10.3 8.6 12.8



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. -0.01 min

Lab File: BF089804.D

Acq: 19 Aug 2016 19:07

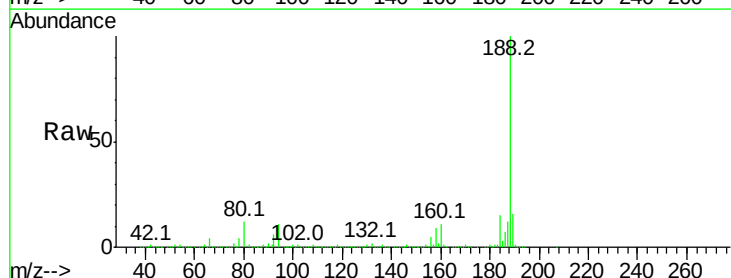
Tgt Ion:188 Resp: 1654856

Ion Ratio Lower Upper

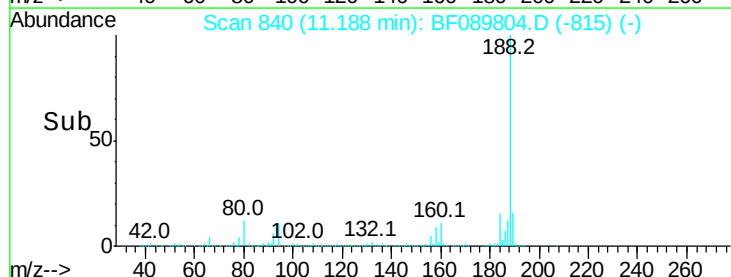
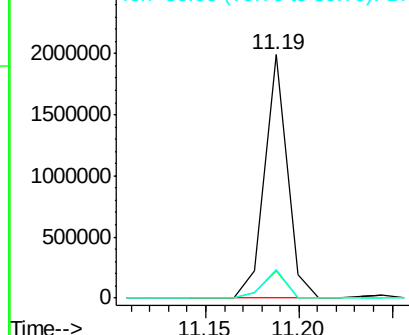
188 100

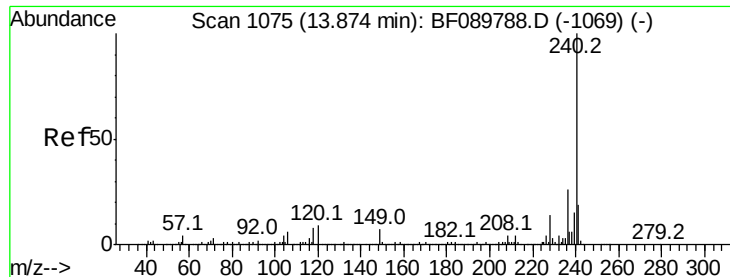
94 11.2 10.2 15.2

80 11.6 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: 13.82 min Scan# 1070

Delta R.T. -0.08 min

Lab File: BF089804.D

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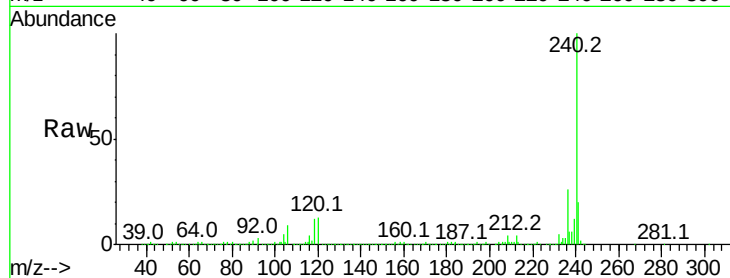
Tot Ion:240 Resp: 1192267

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

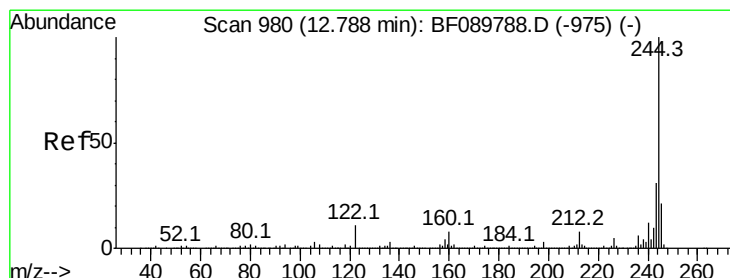
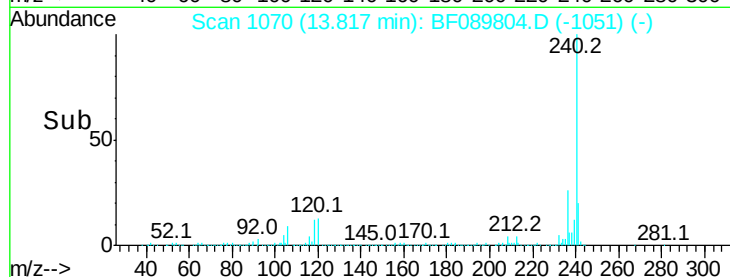
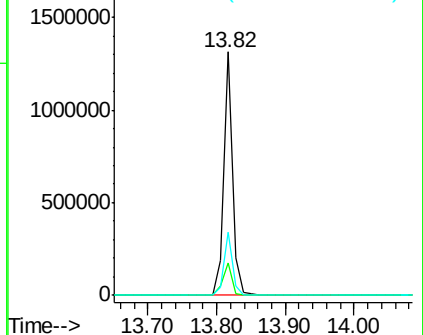
236 26.1 21.3 31.9



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: 75.71 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF089804.D

Acq: 19 Aug 2016 19:07

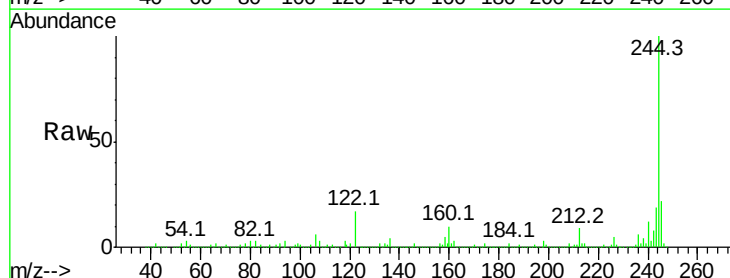
Tgt Ion:244 Resp: 3989975

Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

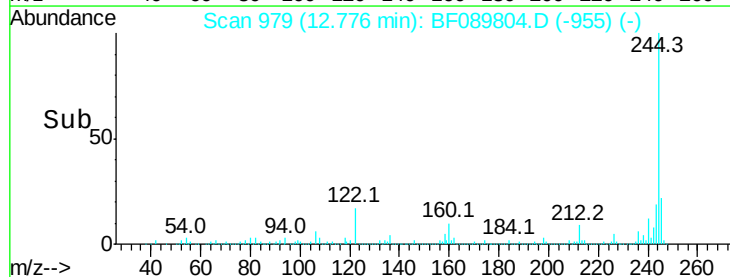
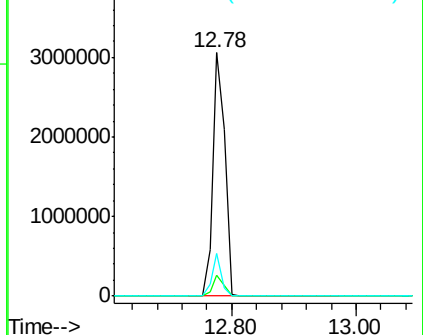
122 17.4 12.0 18.0

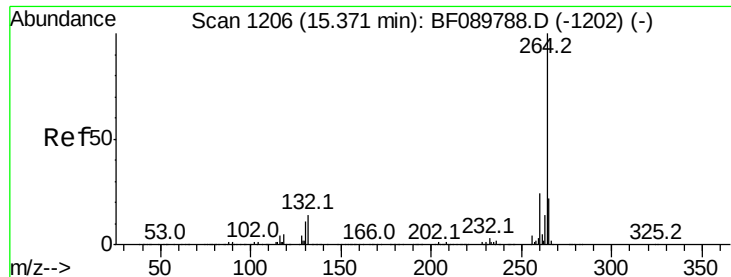


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

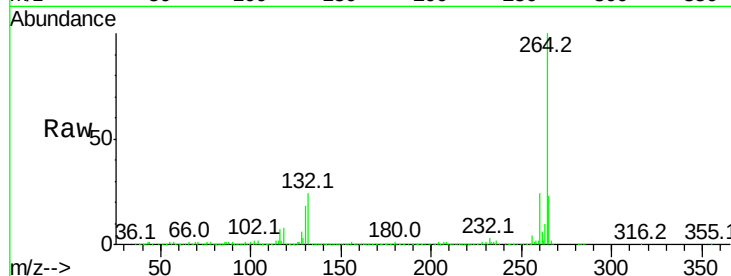




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.23 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tot Ion:264 Resp: 930113
Ion Ratio Lower Upper
264 100
260 24.2 20.2 30.2
265 22.6 17.4 26.2



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

