

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087149.D
 Acq On : 18 May 2016 17:51
 Operator : UM/SJ
 Sample : H3135-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOB

Quant Time: May 19 03:50:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

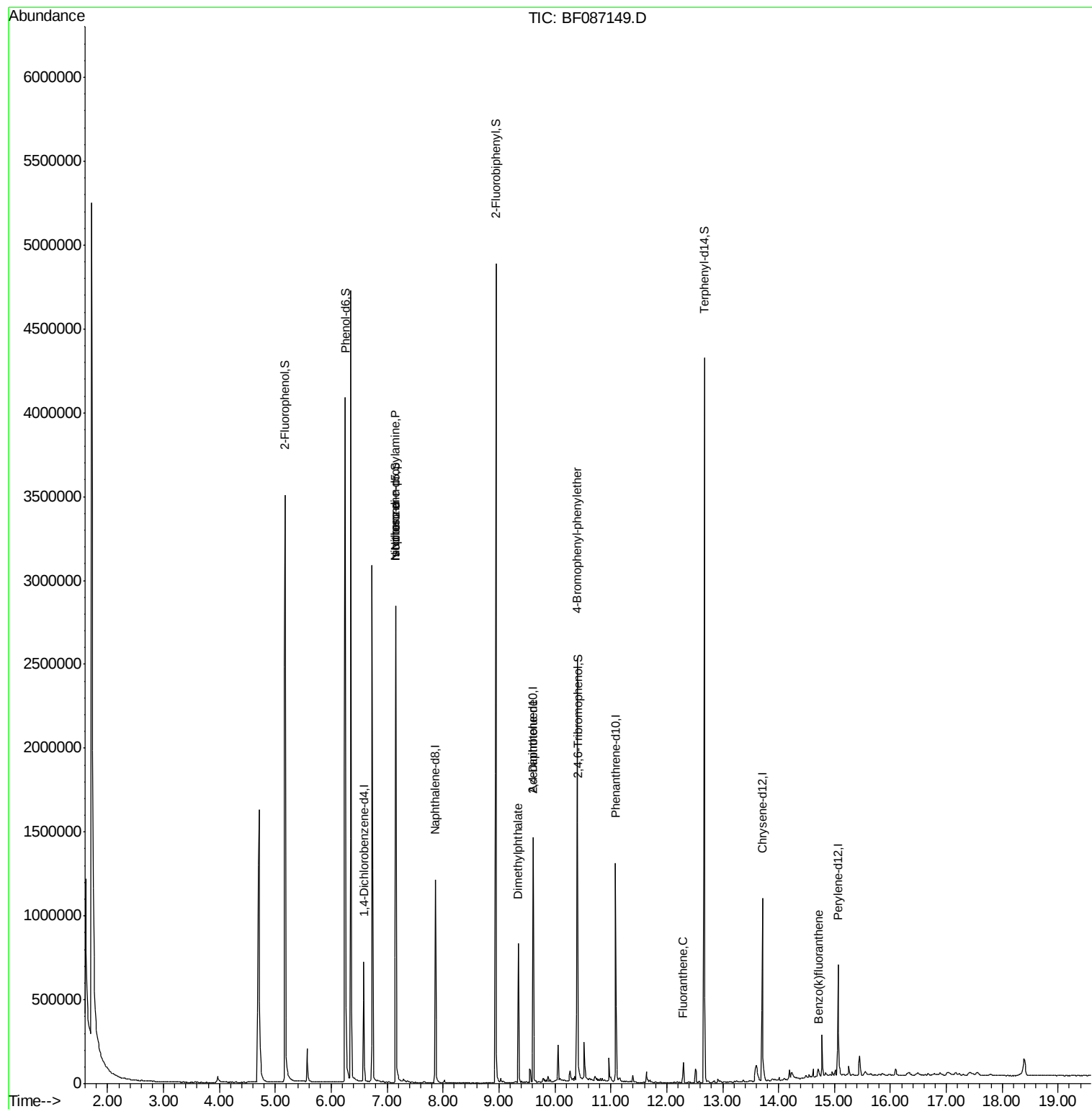
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	132572	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	545896	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	265381	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	477590	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	383567	20.00	ng	-0.05
86) Perylene-d12	15.06	264	277576	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1150252	145.84	ng	-0.02
7) Phenol-d6	6.25	99	1388974	131.30	ng	-0.03
23) Nitrobenzene-d5	7.15	82	923469	84.31	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	420214	143.29	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1508069	94.11	ng	-0.03
78) Terphenyl-d14	12.67	244	1304043	76.91	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	131017	16.29	ng	# 74
25) Isophorone	7.15	82	758830	37.85	ng	# 68
49) Dimethylphthalate	9.35	163	290499	14.35	ng	100
56) 2,4-Dinitrotoluene	9.61	165	34006	6.04	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	22763	4.63	ng	# 1
74) Fluoranthene	12.30	202	52557	2.03	ng	93
88) Benzo(k)fluoranthene	14.71	252	32101	2.34	ng	99

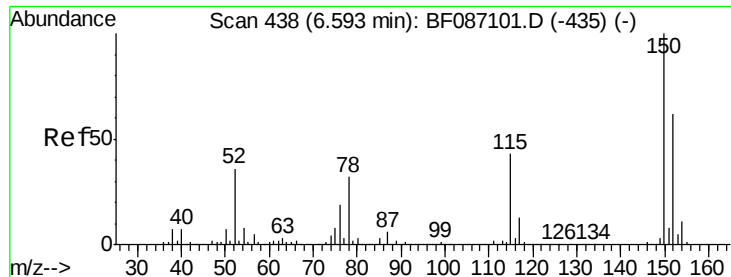
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Quant Time: May 19 03:50:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration



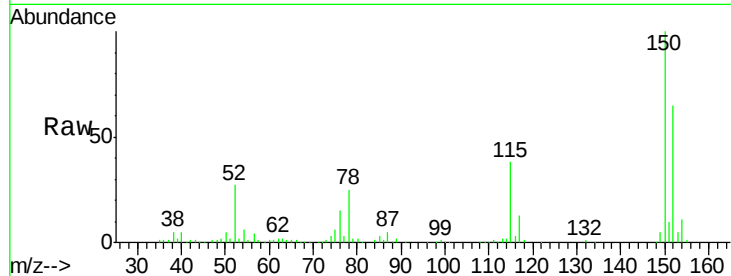


#1

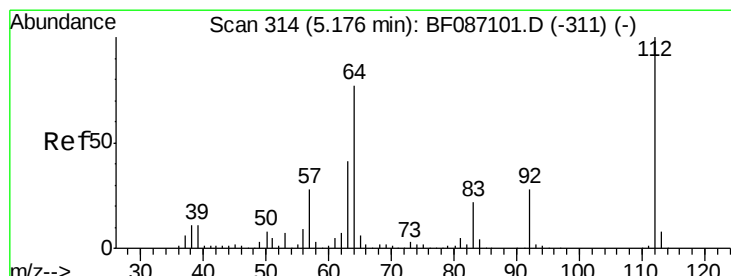
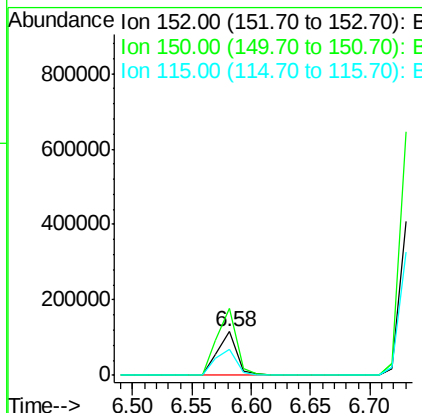
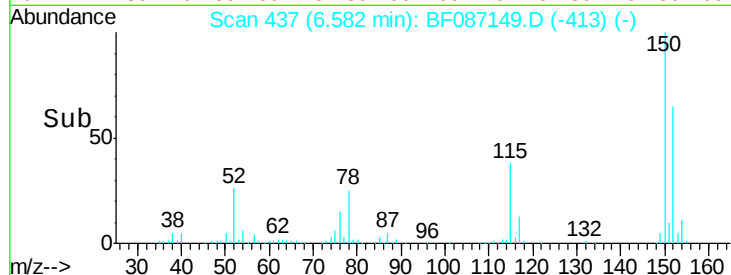
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Tgt Ion:152 Resp: 132572
Ion Ratio Lower Upper
152 100
150 153.5 125.8 188.6
115 59.0 51.5 77.3



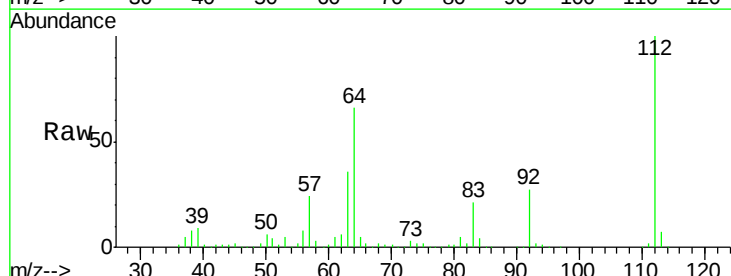
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



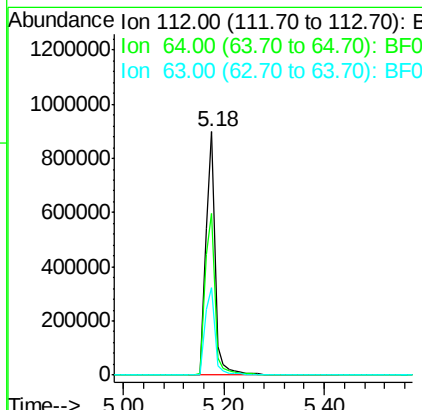
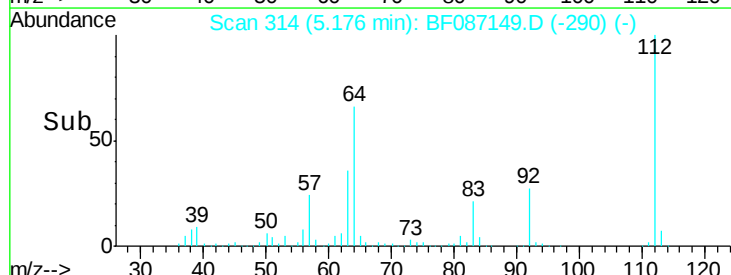
#5

2-Fluorophenol
Concen: 145.84 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.02 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Tgt Ion:112 Resp: 1150252
Ion Ratio Lower Upper
112 100
64 66.5 52.1 78.1
63 36.0 25.7 38.5



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: 131.30 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SEWER-JOB

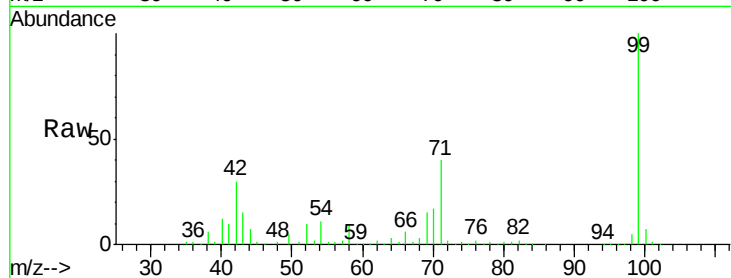
Tgt Ion: 99 Resp: 1388974

Ion Ratio Lower Upper

99 100

42 29.7 13.6 20.4#

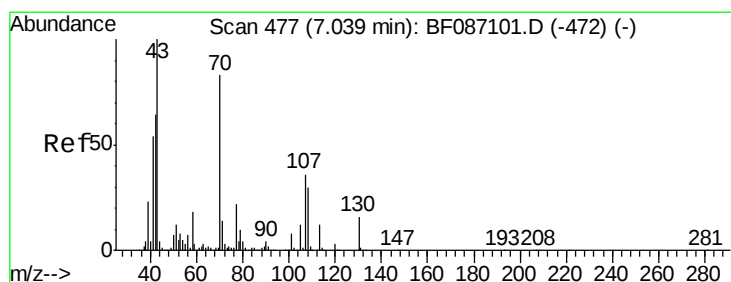
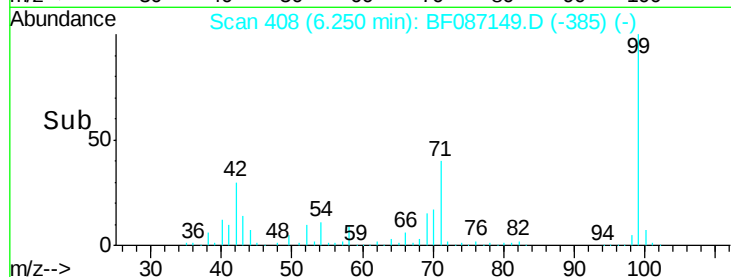
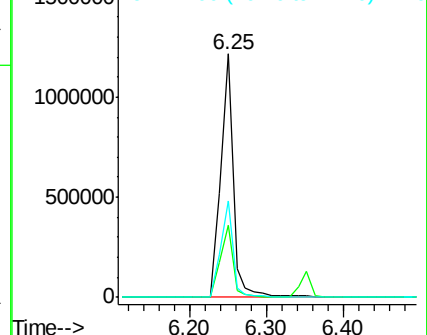
71 39.7 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.29 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.10 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

Tgt Ion: 70 Resp: 131017

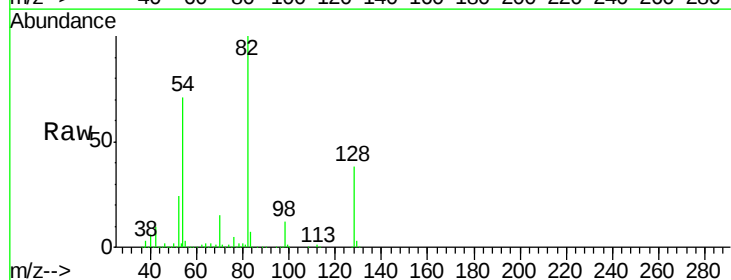
Ion Ratio Lower Upper

70 100

42 66.5 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

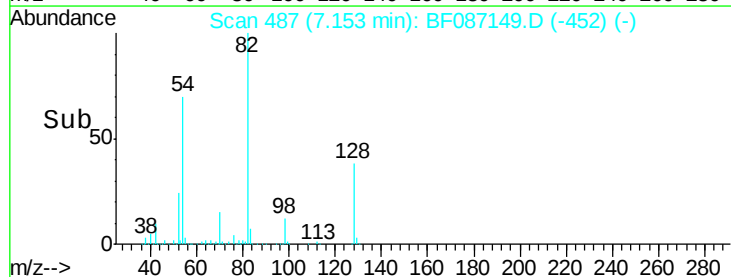
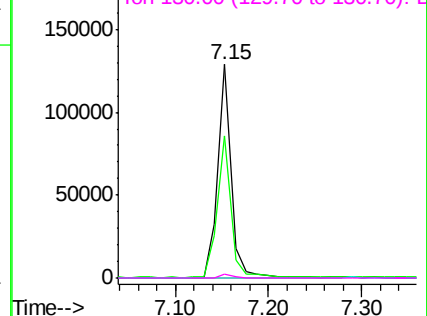


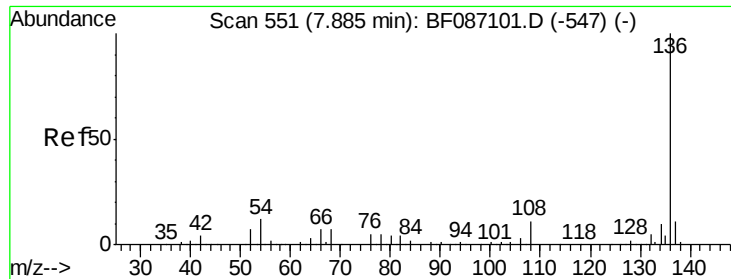
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

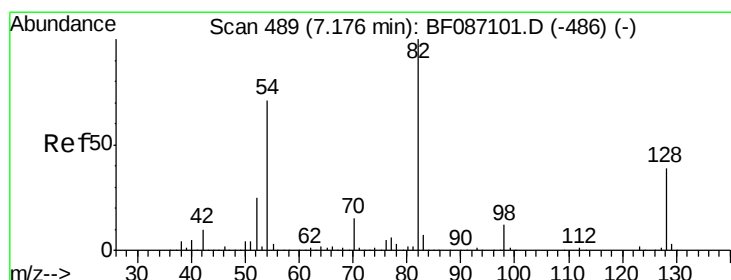
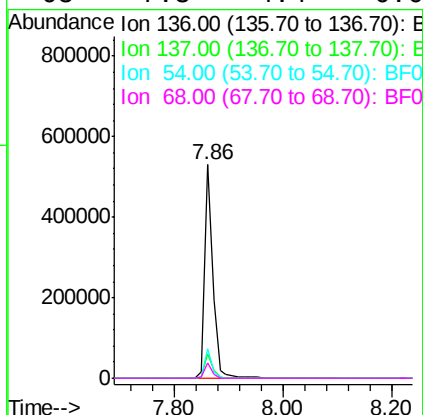
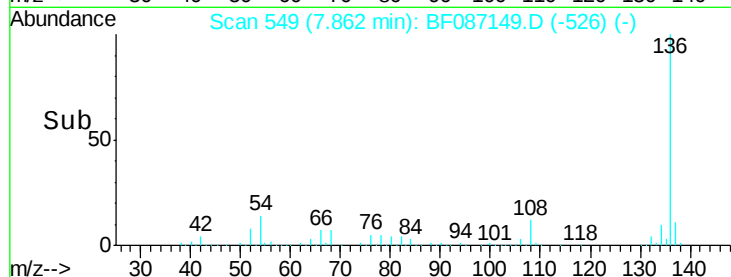
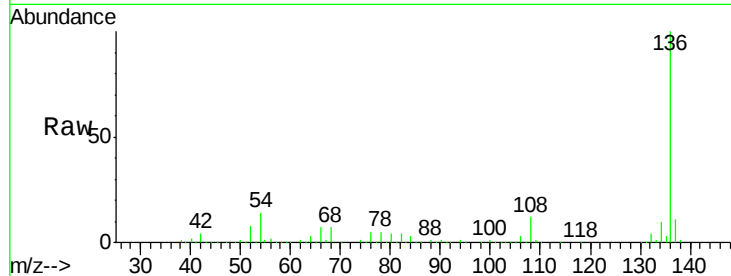




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

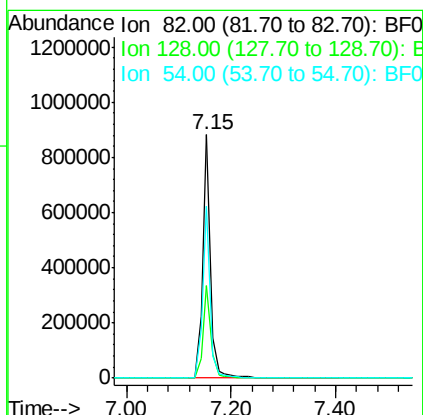
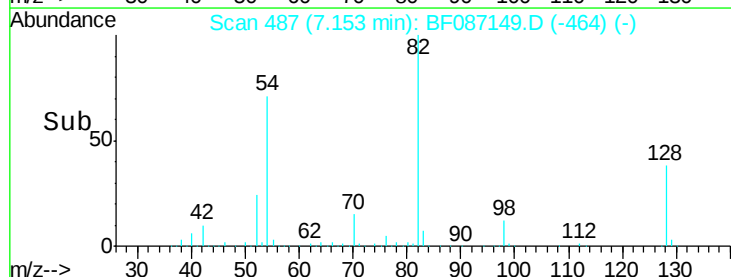
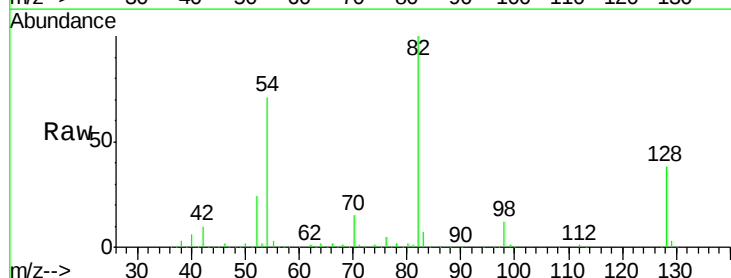
Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

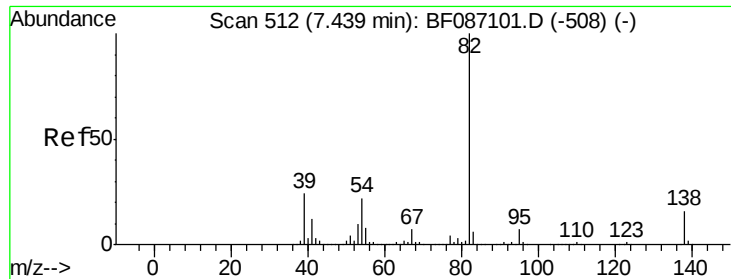
Tgt Ion:	136	Resp:	545896
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.8	5.0	7.4#
68	7.3	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 84.31 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Tgt Ion:	82	Resp:	923469
Ion	Ratio	Lower	Upper
82	100		
128	37.8	40.6	61.0#
54	70.5	38.1	57.1#





#25

Isophorone

Concen: 37.85 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.30 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SEWER-JOB

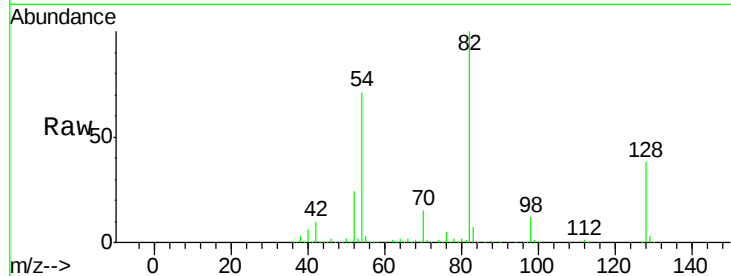
Tgt Ion: 82 Resp: 758830

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

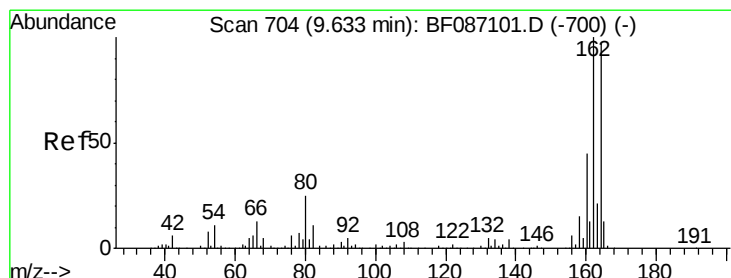
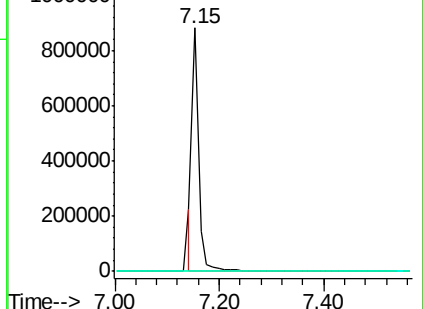
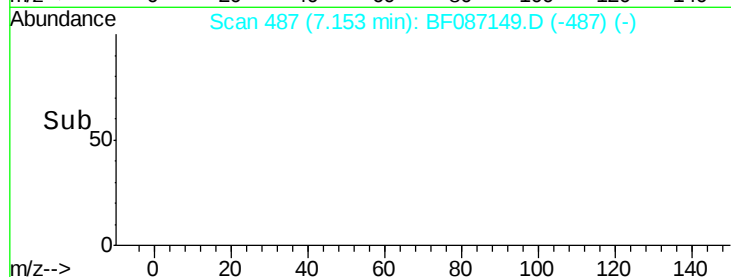
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

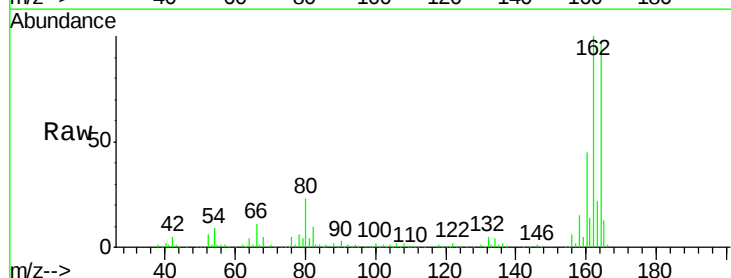
Tgt Ion: 164 Resp: 265381

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

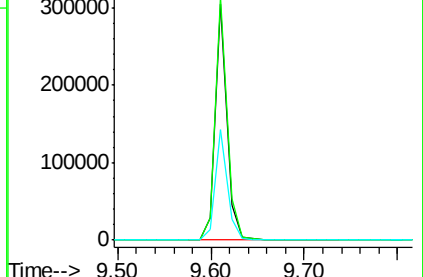
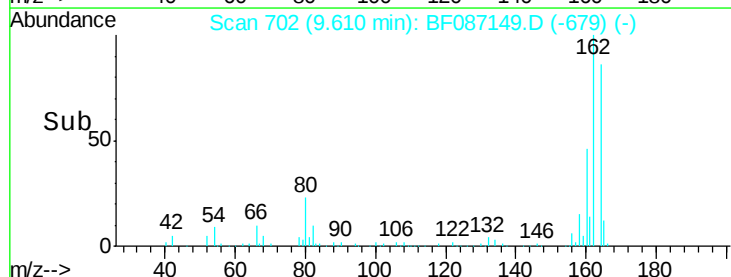
160 46.6 36.9 55.3

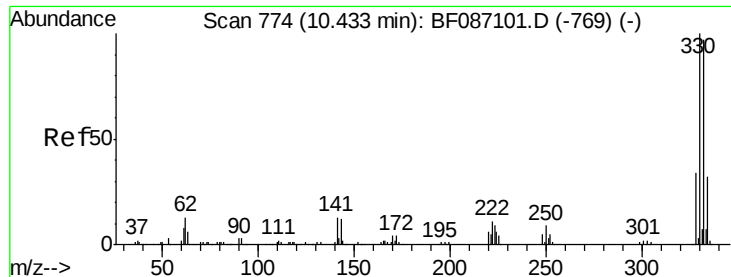


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

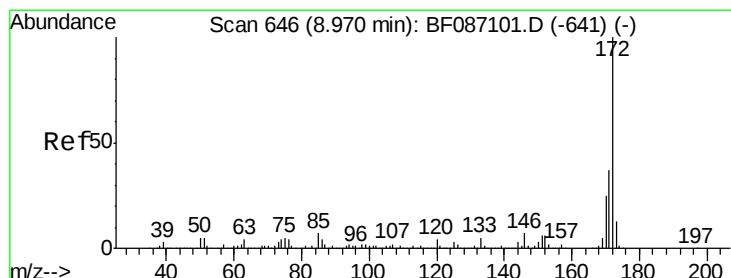
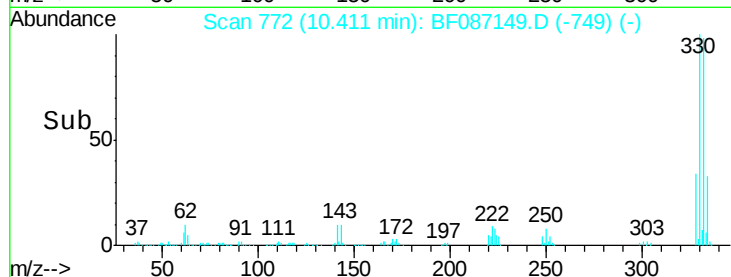
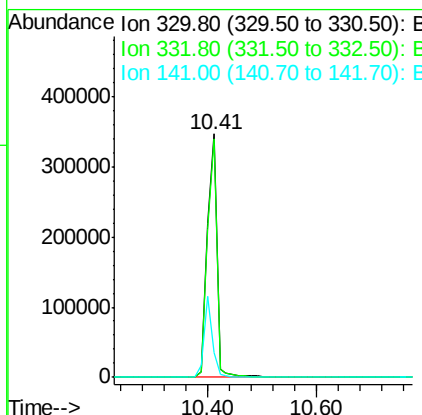
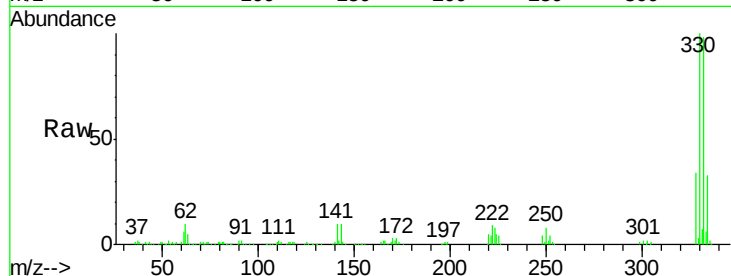




#41
 2,4,6-Tribromophenol
 Concen: 143.29 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF087149.D
 Acq: 18 May 2016 17:51

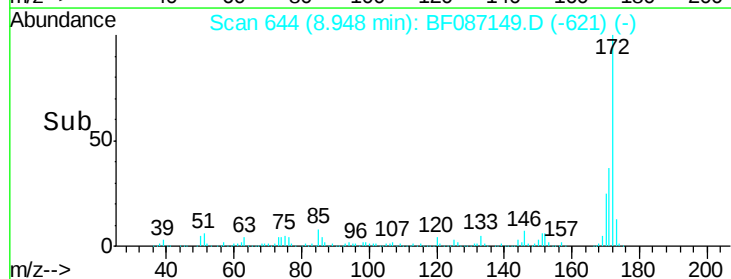
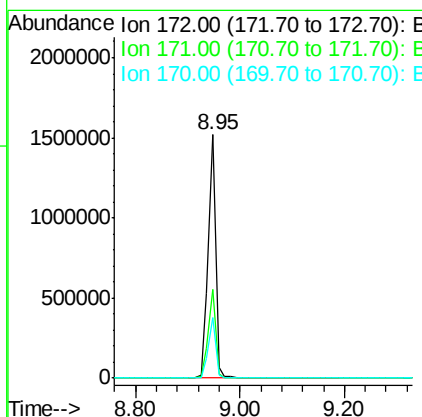
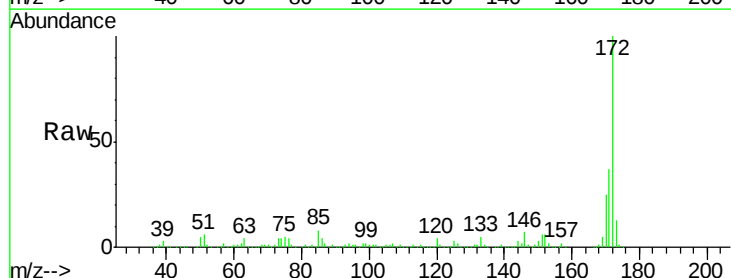
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOB

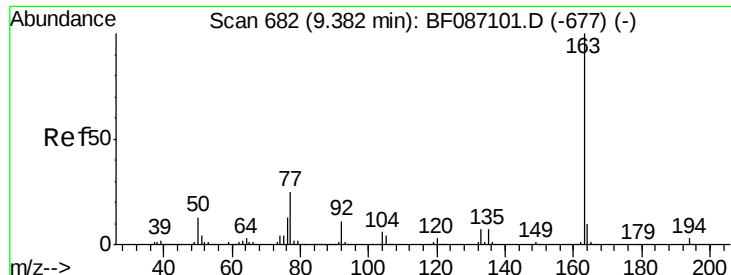
Tgt Ion:330 Resp: 420214
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.0 118.4
 141 29.0 31.2 46.8#



#44
 2-Fluorobiphenyl
 Concen: 94.11 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087149.D
 Acq: 18 May 2016 17:51

Tgt Ion:172 Resp: 1508069
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.9 19.8 29.8

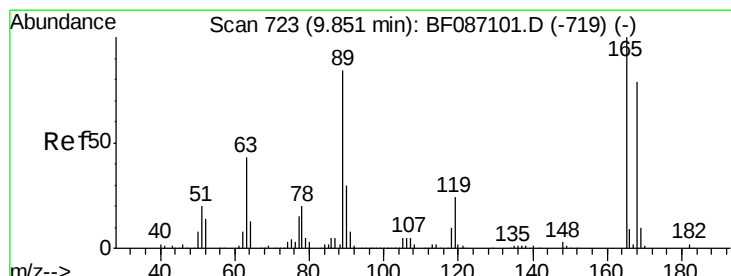
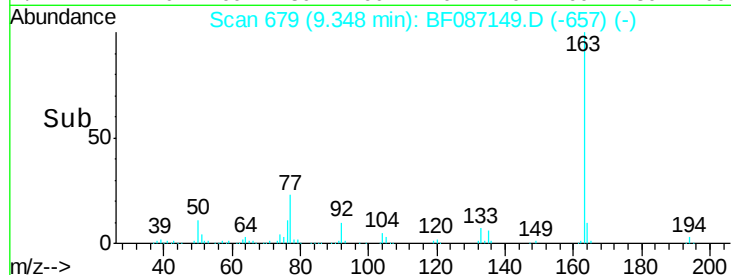
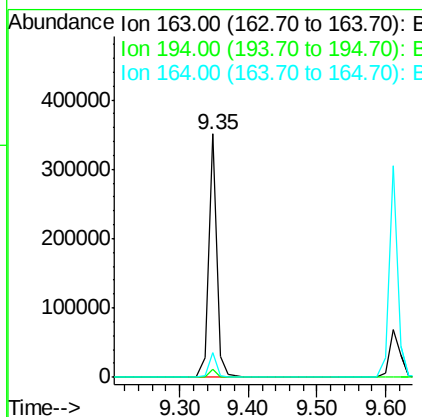
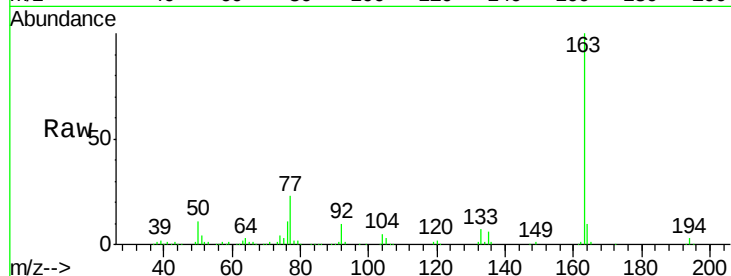




#49
Dimethylphthalate
Concen: 14.35 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

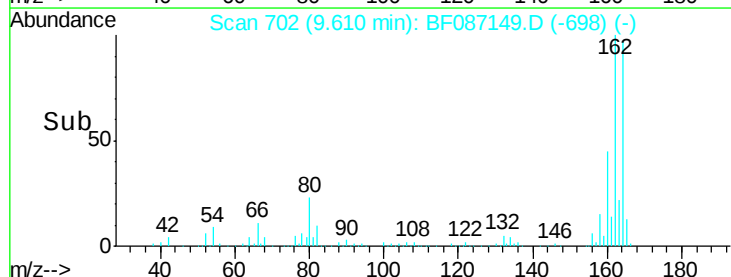
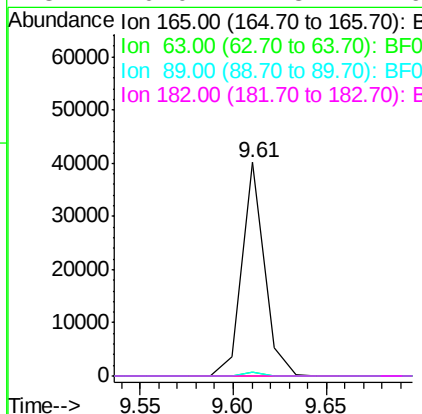
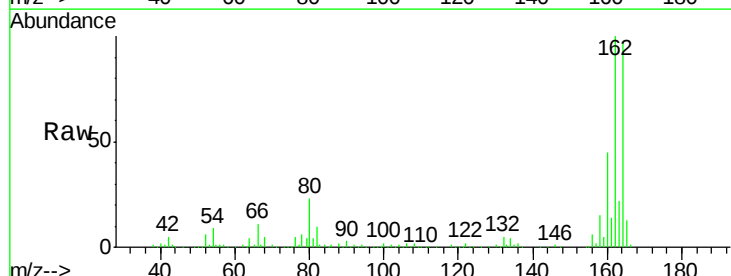
Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

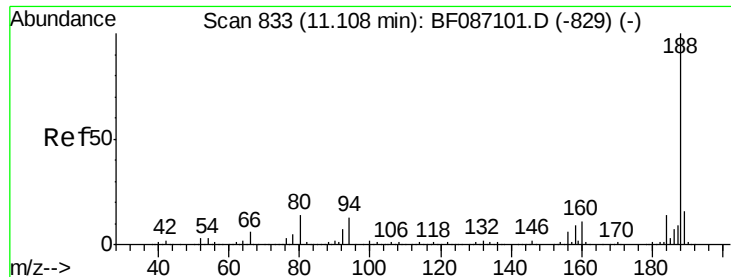
Tgt Ion:163 Resp: 290499
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.1 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.25 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Tgt Ion:165 Resp: 34006
Ion Ratio Lower Upper
165 100
63 1.8 44.3 66.5#
89 1.7 70.0 105.0#
182 0.0 1.8 2.6#

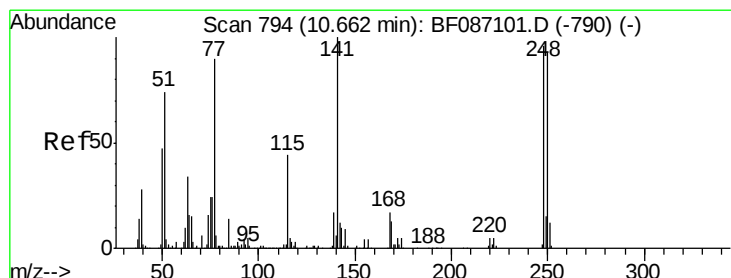
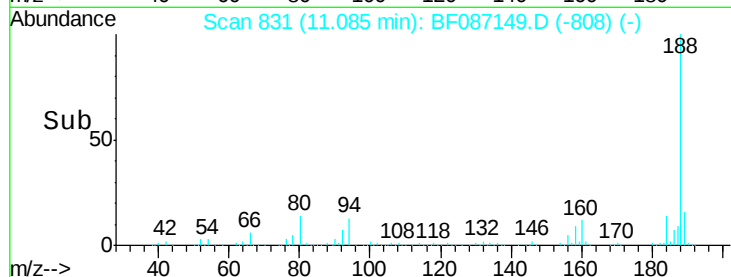
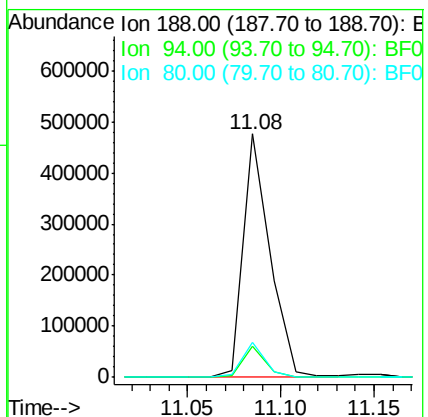
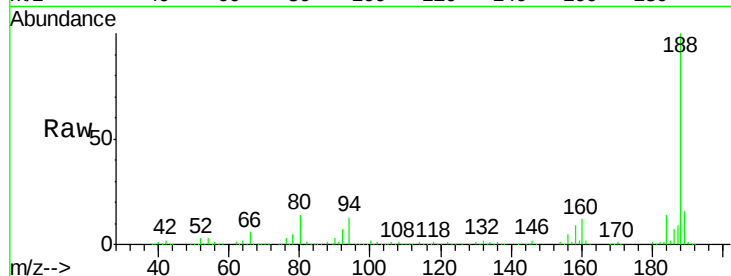




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

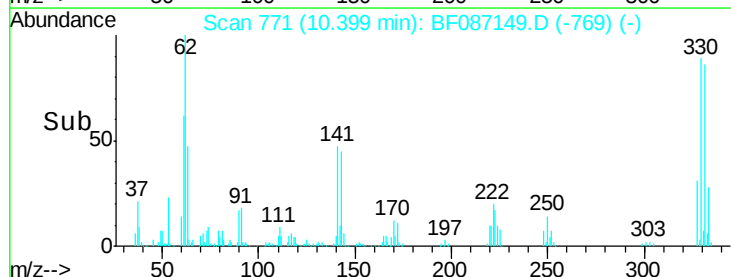
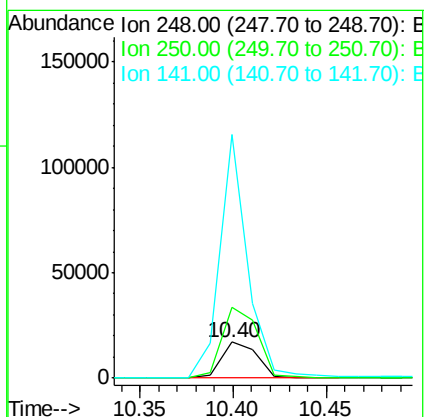
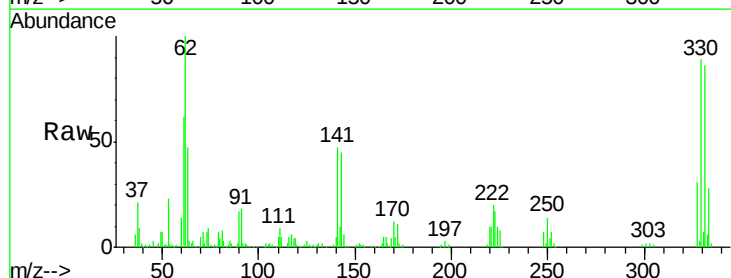
Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

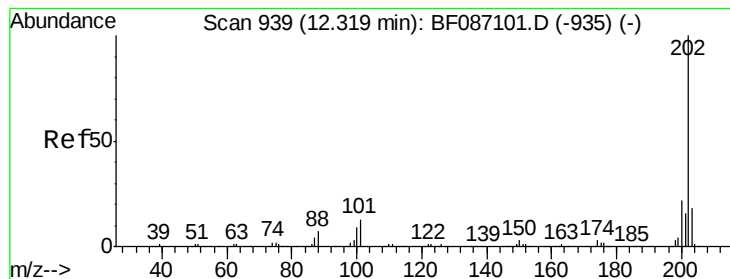
Tgt Ion:188 Resp: 477590
Ion Ratio Lower Upper
188 100
94 12.7 6.8 10.2#
80 14.2 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Tgt Ion:248 Resp: 22763
Ion Ratio Lower Upper
248 100
250 197.2 78.6 117.8#
141 679.0 76.0 114.0#





#74

Fluoranthene

Concen: 2.03 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SEWER-JOB

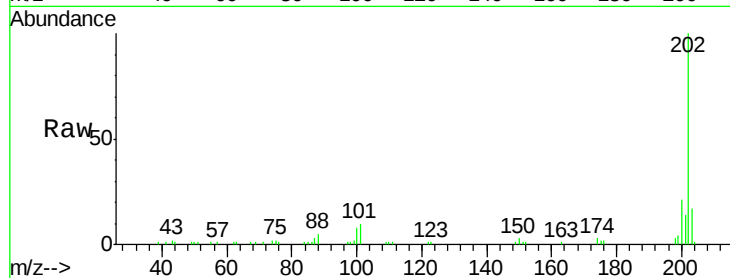
Tgt Ion:202 Resp: 52557

Ion Ratio Lower Upper

202 100

101 10.2 0.0 35.4

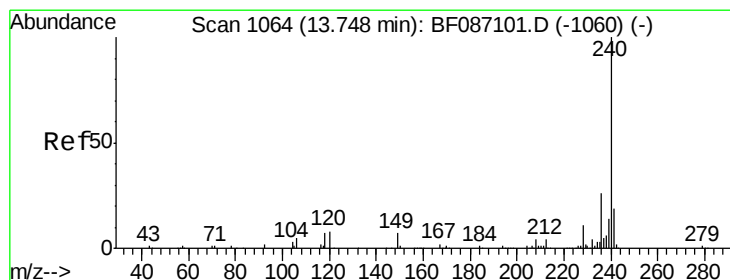
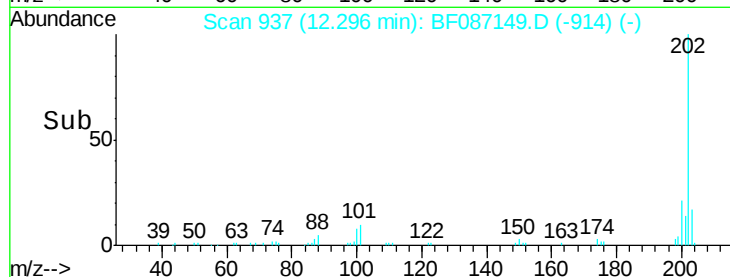
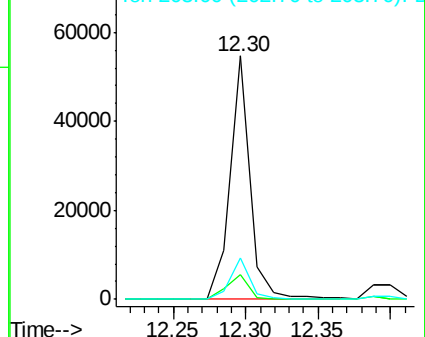
203 17.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087149.D

Acq: 18 May 2016 17:51

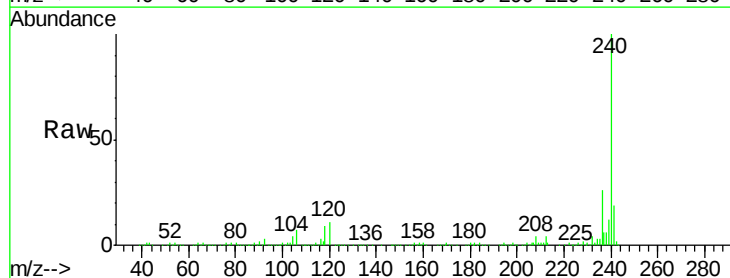
Tgt Ion:240 Resp: 383567

Ion Ratio Lower Upper

240 100

120 10.7 11.2 16.8#

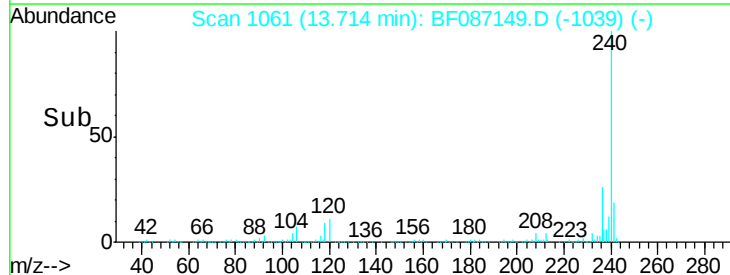
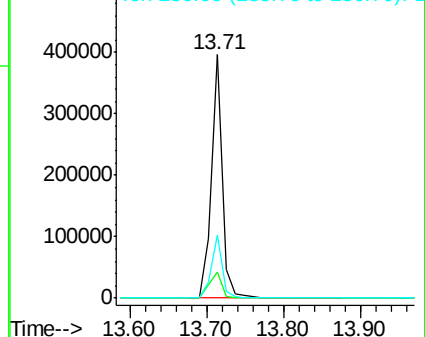
236 26.1 21.2 31.8

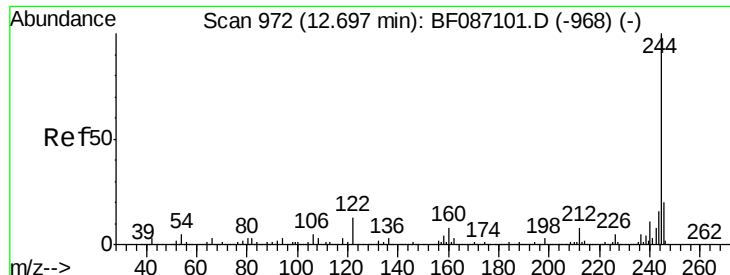


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

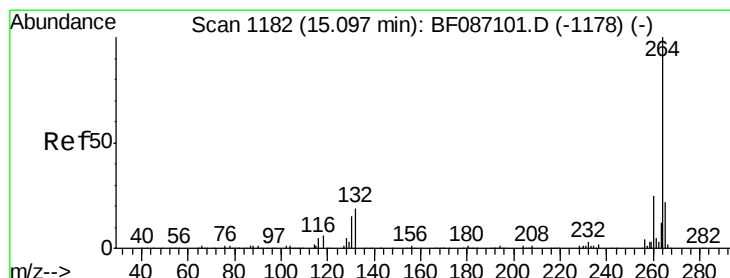
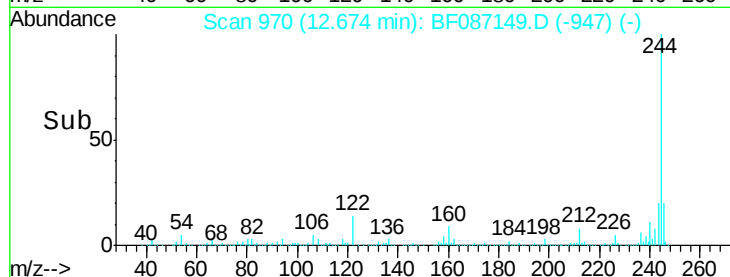
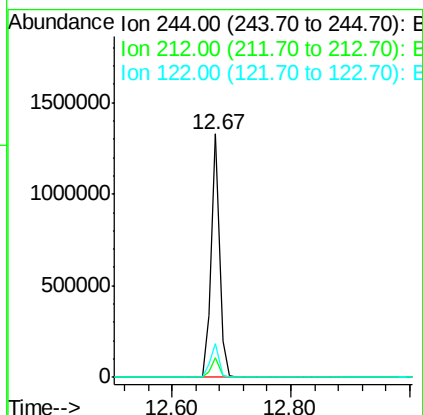
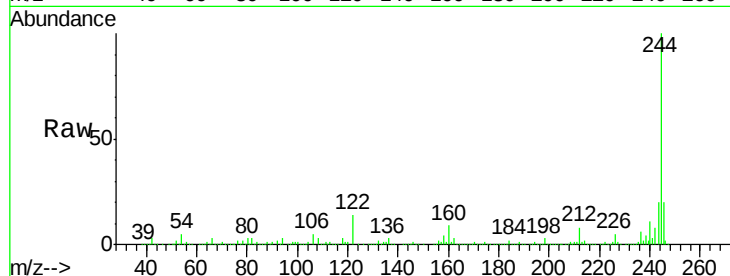




#78
 Terphenyl-d14
 Concen: 76.91 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.03 min
 Lab File: BF087149.D
 Acq: 18 May 2016 17:51

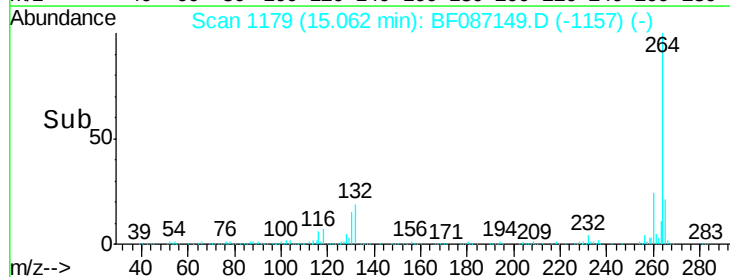
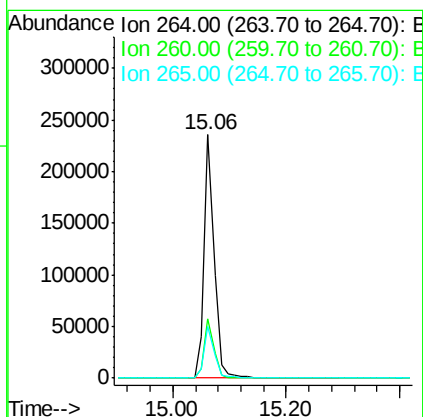
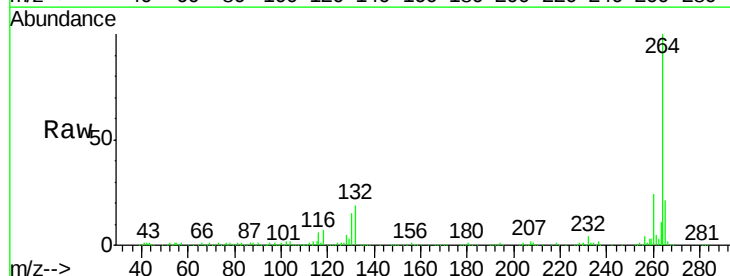
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOB

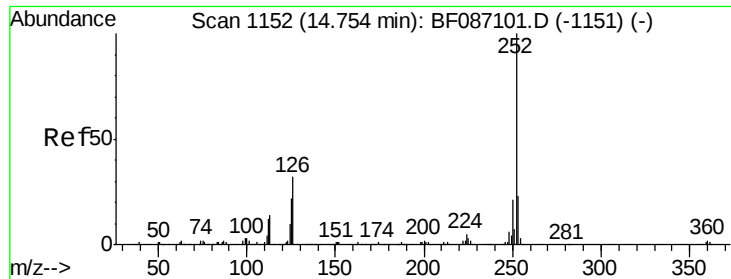
Tgt Ion:244 Resp: 1304043
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.6 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF087149.D
 Acq: 18 May 2016 17:51

Tgt Ion:264 Resp: 277576
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.0 17.3 25.9





#88

Benzo(k)fluoranthene

Concen: 2.34 ng

RT: 14.71 min Scan# 1148

Delta R.T. -0.07 min

Lab File: BF087149.D

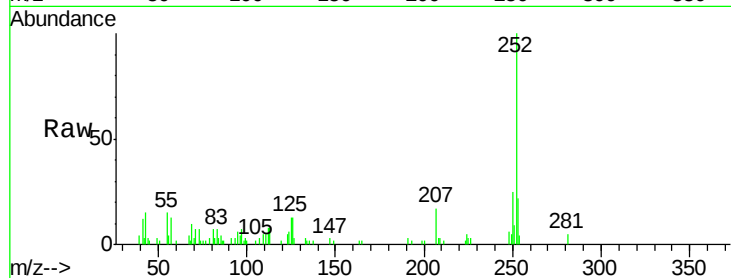
Acq: 18 May 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SEWER-JOB



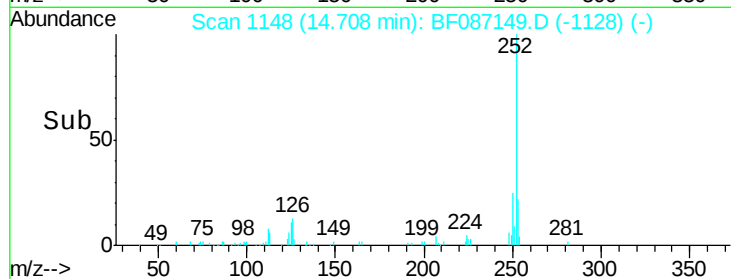
Tgt Ion: 252 Resp: 32101

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 12.8 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

