

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099421.D
 Acq On : 13 Oct 2017 3:29
 Operator : SJ/JU
 Sample : I5780-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PUMPING-PLANT-1-5-COMP

Quant Time: Oct 13 06:48:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	107552	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	389782	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	140572	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	224904	20.00	ng	0.00
75) Chrysene-d12	14.02	240	214164	20.00	ng	0.00
86) Perylene-d12	15.49	264	156594	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	760800	112.61	ng	0.02
7) Phenol-d6	6.49	99	785692	94.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	549245	90.37	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	146213	127.11	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	926989	110.09	ng	0.00
78) Terphenyl-d14	12.96	244	759762	80.68	ng	0.00

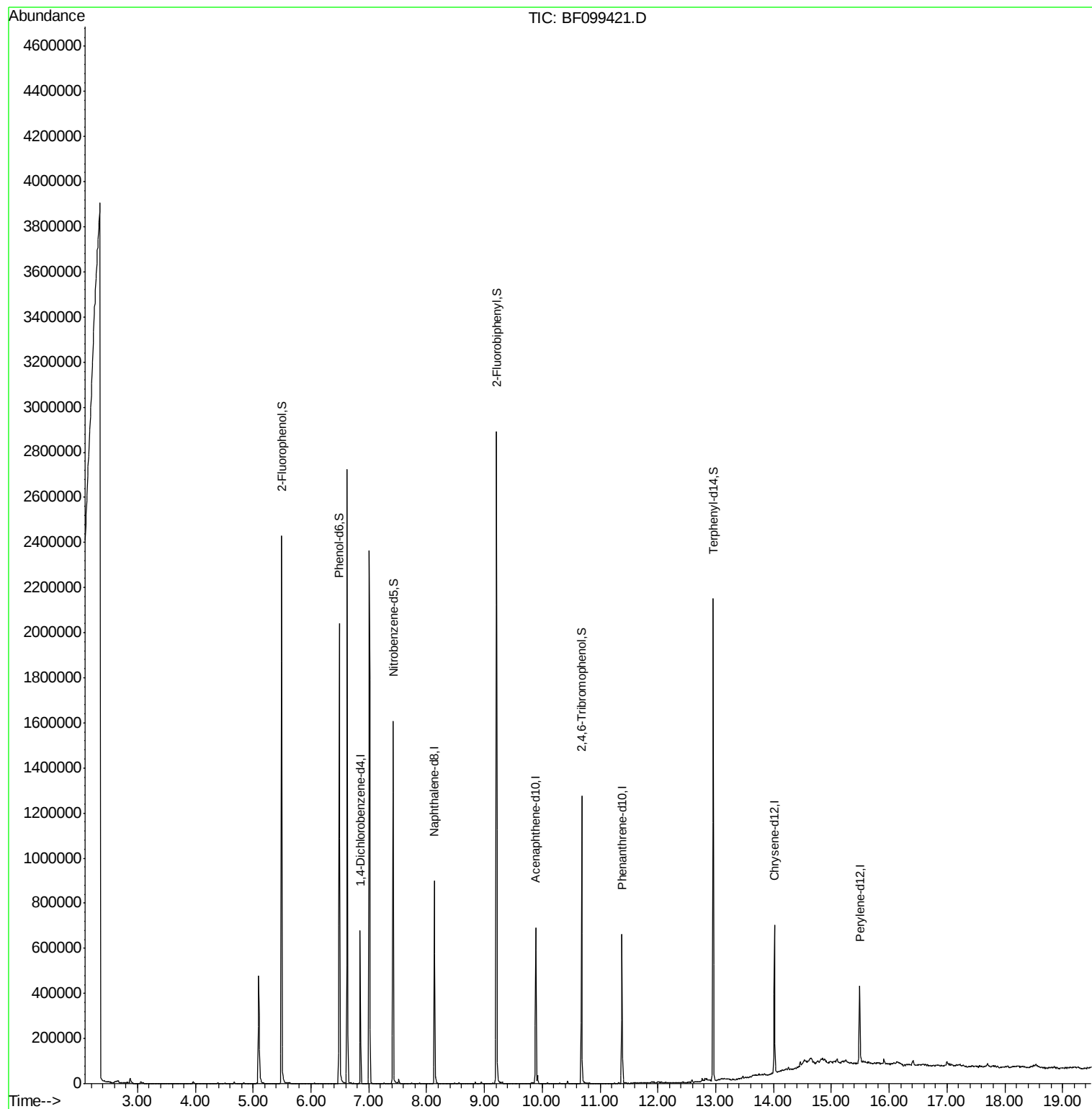
Target Compounds Qvalue

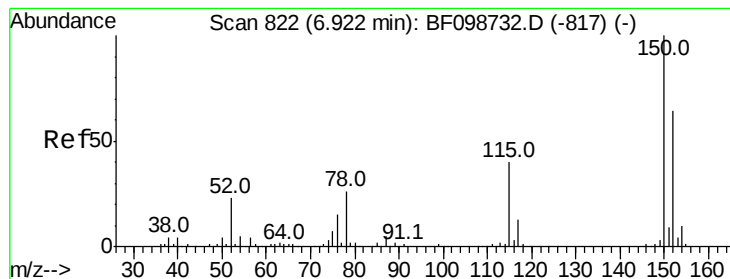
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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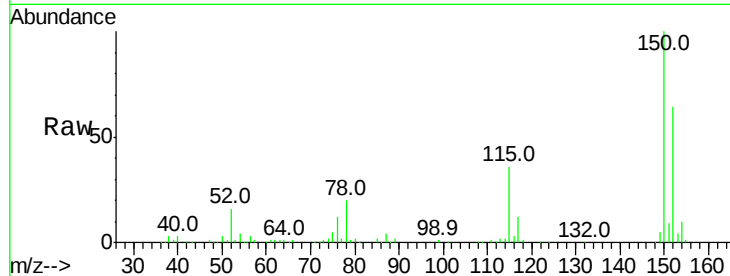


#1

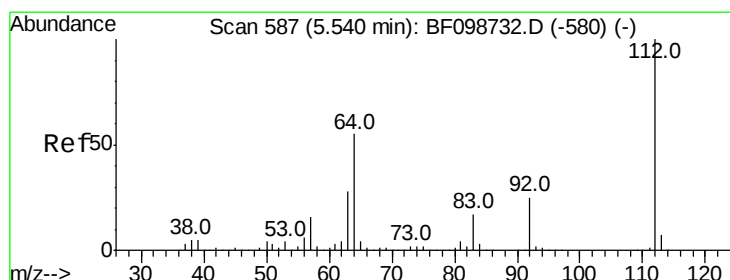
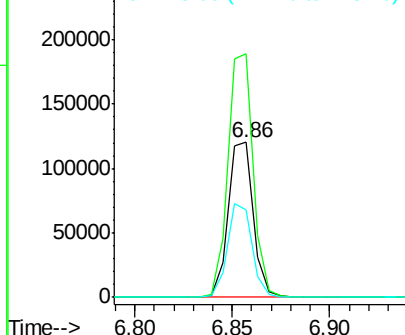
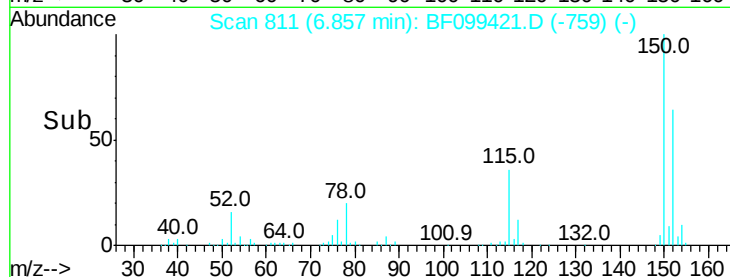
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF099421.D
 Acq: 13 Oct 2017 3:29

Instrument :
 BNA_F
 ClientSampleId :
 PUMPING-PLANT-1-5-COMP

Tot Ion:152 Resp: 107552
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 56.6 50.1 75.1



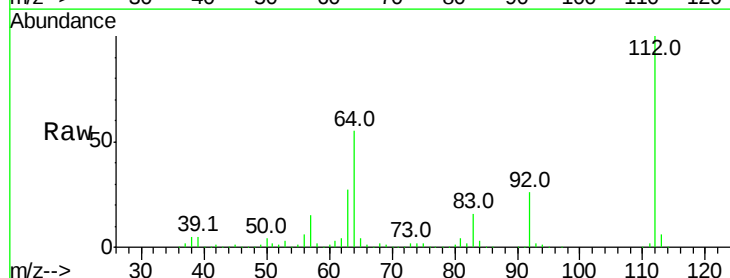
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



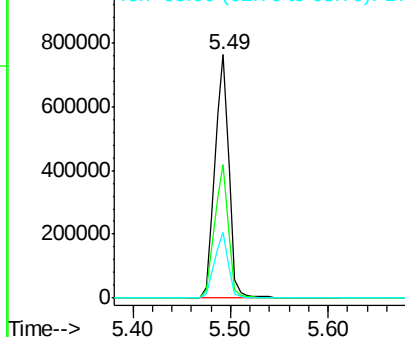
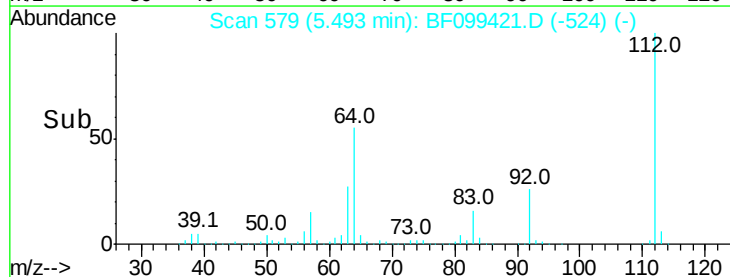
#5

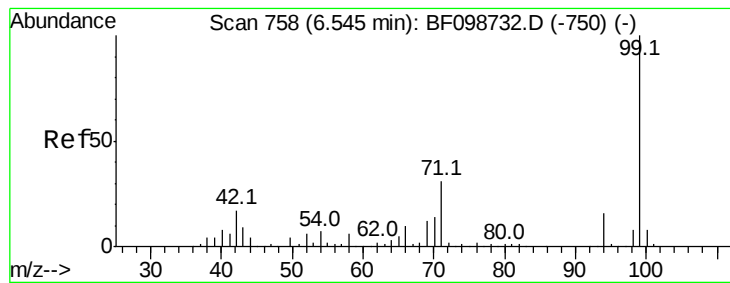
2-Fluorophenol
 Concen: 112.608 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.02 min
 Lab File: BF099421.D
 Acq: 13 Oct 2017 3:29

Tgt Ion:112 Resp: 760800
 Ion Ratio Lower Upper
 112 100
 64 54.7 47.9 71.9
 63 26.9 23.7 35.5



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: 94.269 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099421.D

Acq: 13 Oct 2017 3:29

Instrument :

BNA_F

ClientSampleId :

PUMPING-PLANT-1-5-COMP

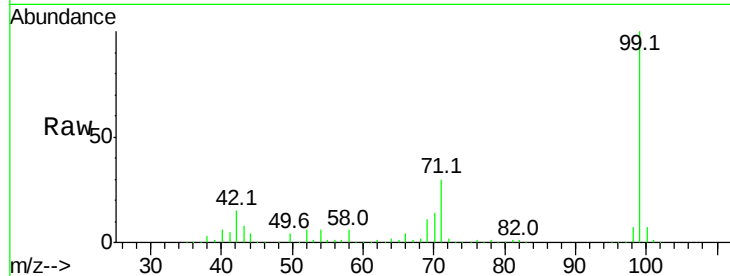
Tot Ion: 99 Resp: 785692

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

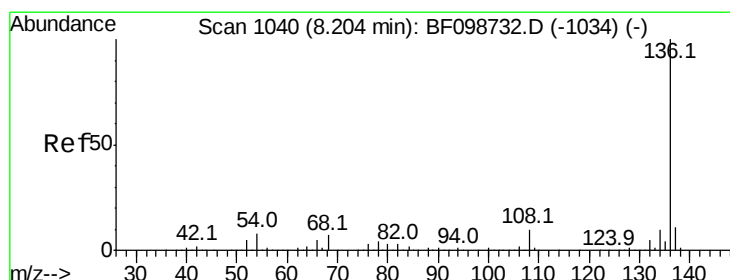
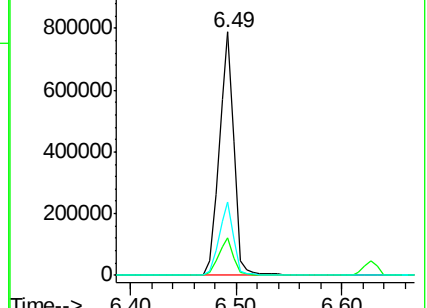
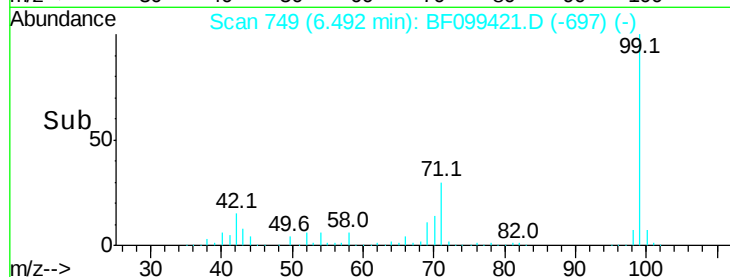
71 30.3 25.4 38.0



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: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099421.D

Acq: 13 Oct 2017 3:29

Tgt Ion: 136 Resp: 389782

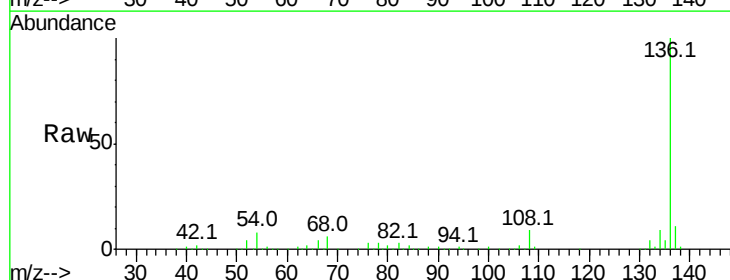
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.6 6.6 9.8

68 6.1 5.0 7.4

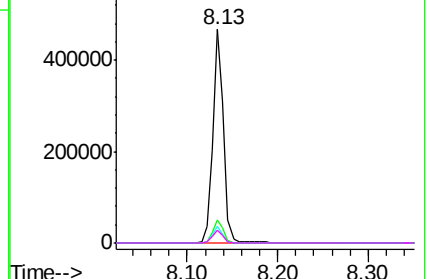
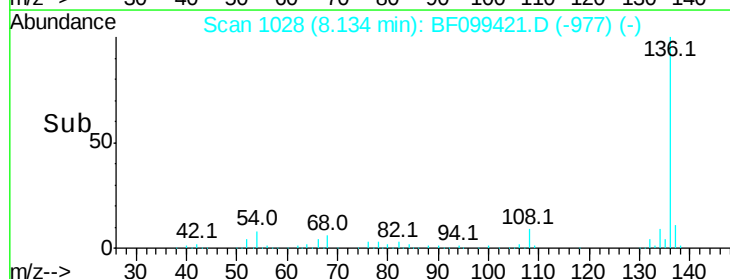


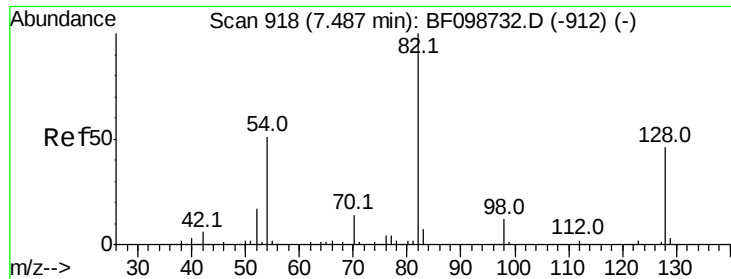
Abundance Ion 136.00 (135.70 to 136.70): E

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

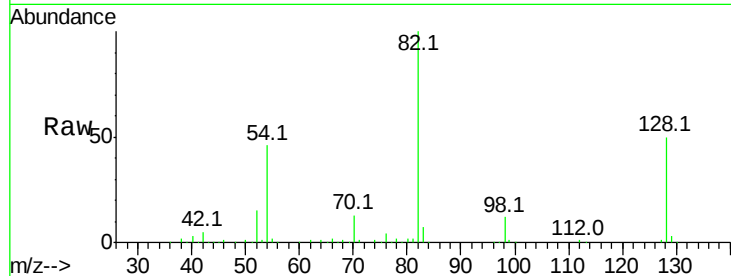




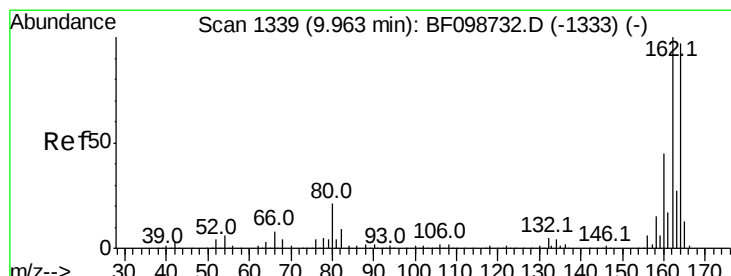
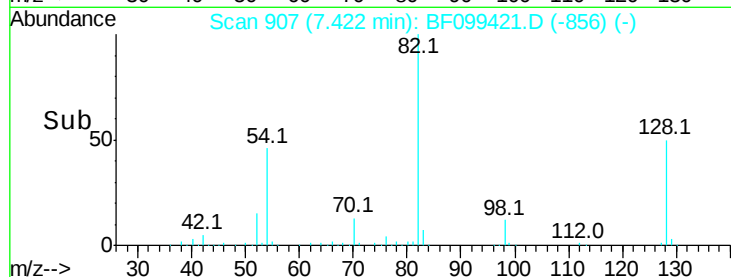
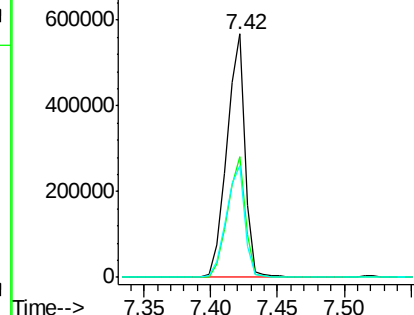
#23
 Nitrobenzene-d5
 Concen: 90.366 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099421.D
 Acq: 13 Oct 2017 3:29

Instrument :
 BNA_F
 ClientSampleId :
 PUMPING-PLANT-1-5-COMP

Tot Ion	82	Resp	549245
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	45.8	41.4	62.2

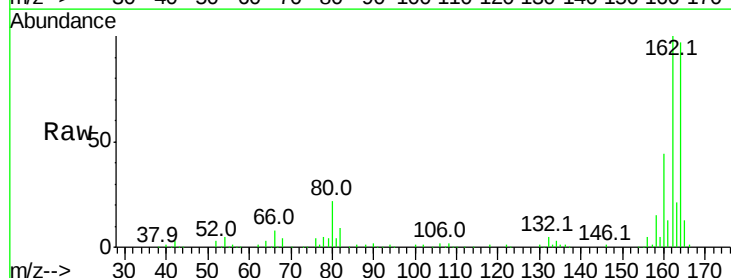


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

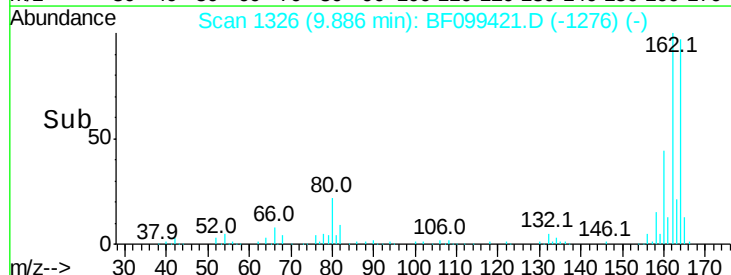
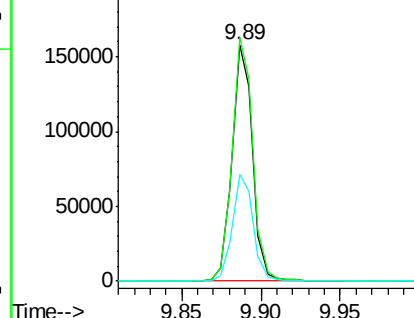


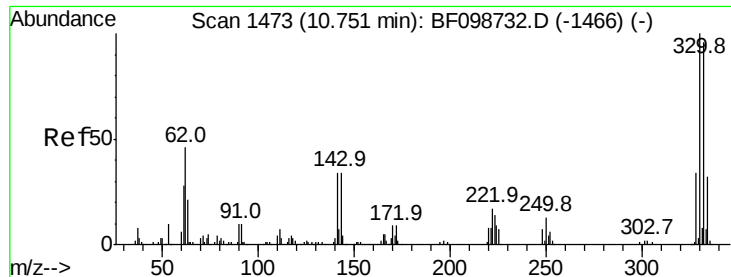
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099421.D
 Acq: 13 Oct 2017 3:29

Tgt Ion	164	Resp	140572
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	102.9	38.3	57.5
160	45.1		



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

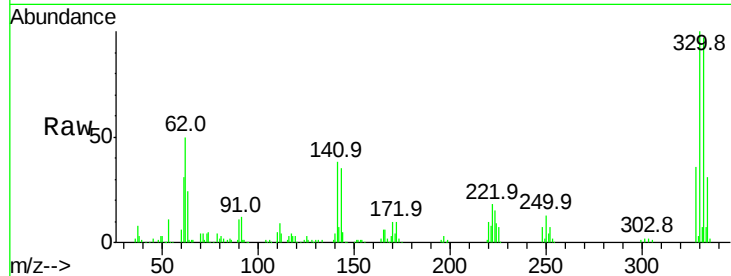




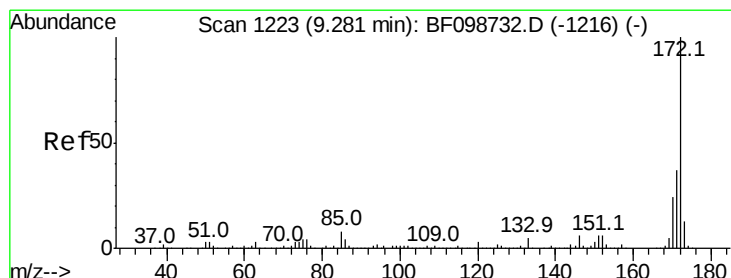
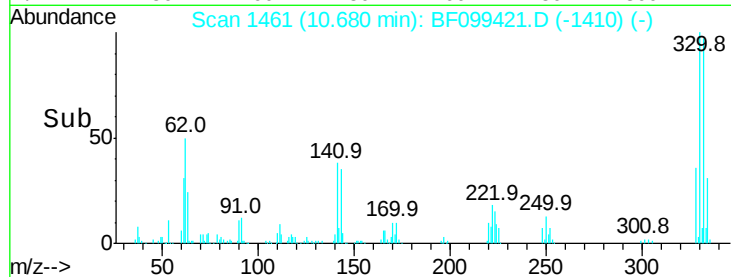
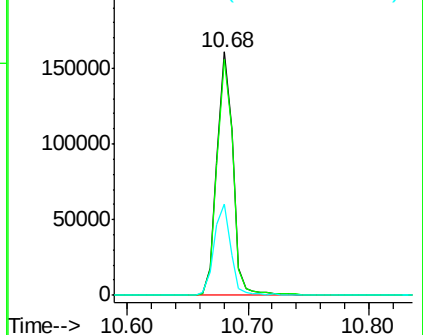
#41
 2,4,6-Tribromophenol
 Concen: 127.113 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099421.D
 Acq: 13 Oct 2017 3:29

Instrument :
 BNA_F
 ClientSampleId :
 PUMPING-PLANT-1-5-COMP

Tot Ion:330 Resp: 146213
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 38.9 29.9 44.9

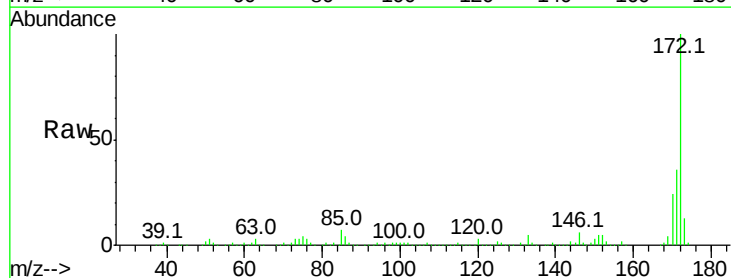


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

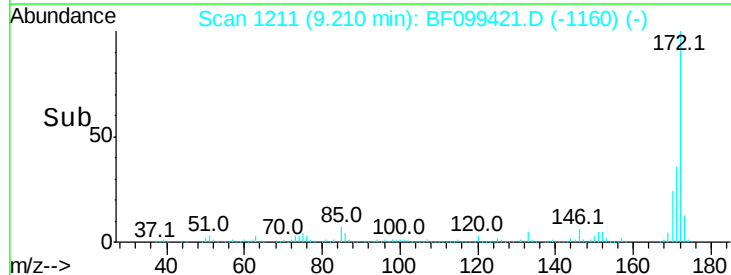
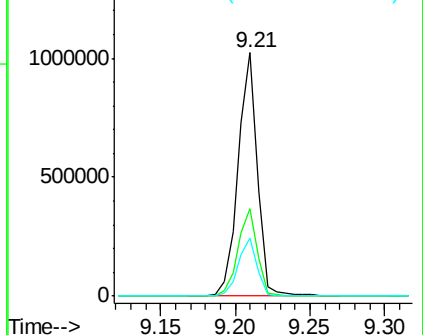


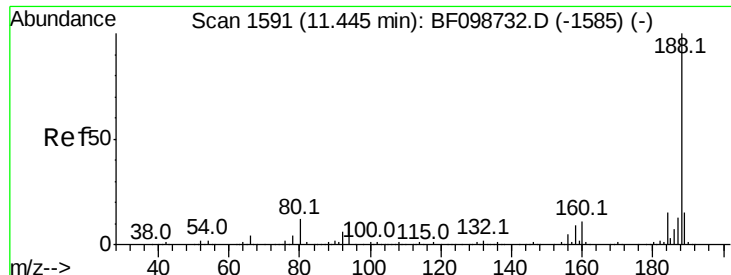
#44
 2-Fluorobiphenyl
 Concen: 110.088 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099421.D
 Acq: 13 Oct 2017 3:29

Tgt Ion:172 Resp: 926989
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 19.6 29.4



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

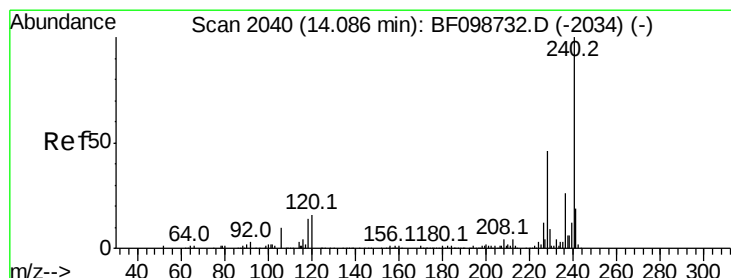
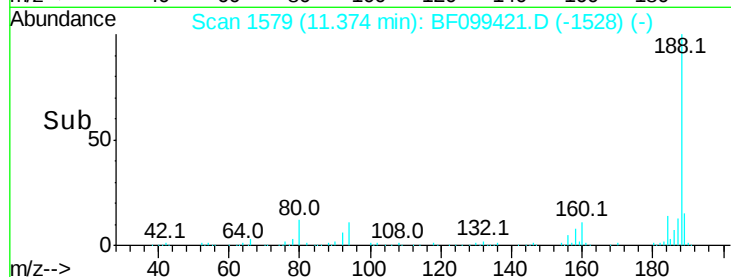
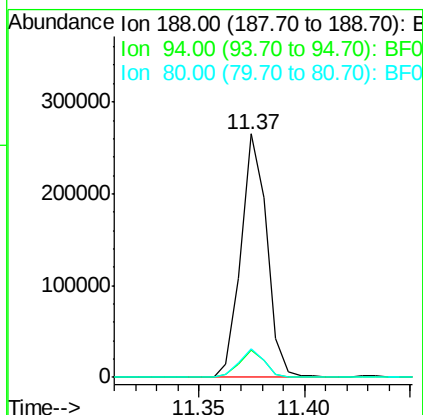
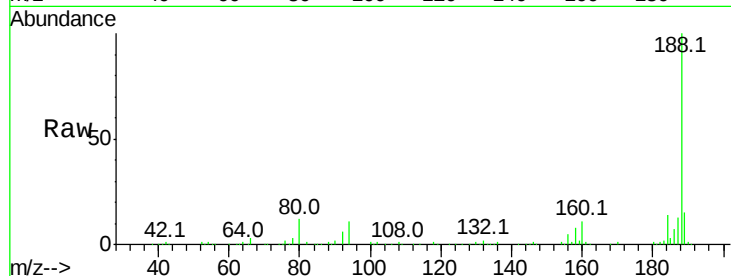




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099421.D
Acq: 13 Oct 2017 3:29

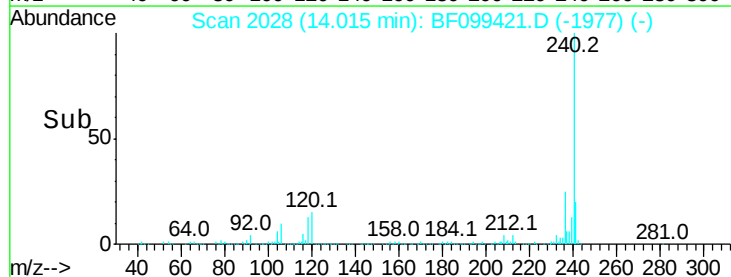
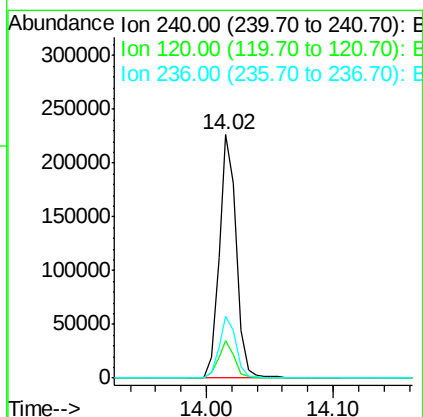
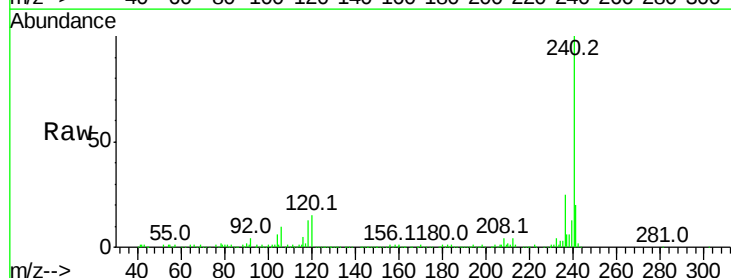
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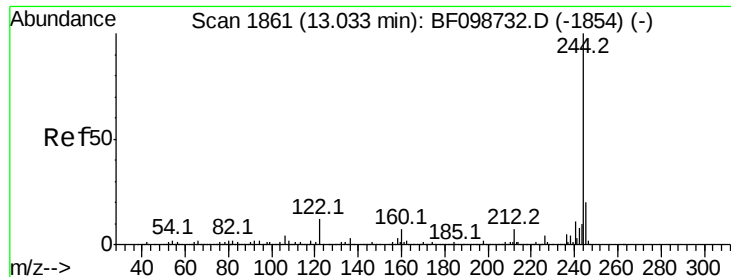
Tot Ion:188 Resp: 224904
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099421.D
Acq: 13 Oct 2017 3:29

Tgt Ion:240 Resp: 214164
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 80.679 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099421.D

Acq: 13 Oct 2017 3:29

Instrument :

BNA_F

ClientSampleId :

PUMPING-PLANT-1-5-COMP

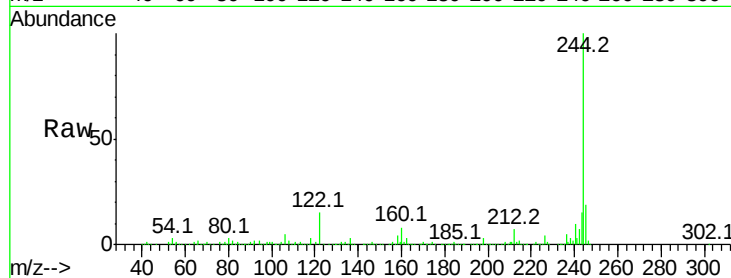
Tot Ion:244 Resp: 759762

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

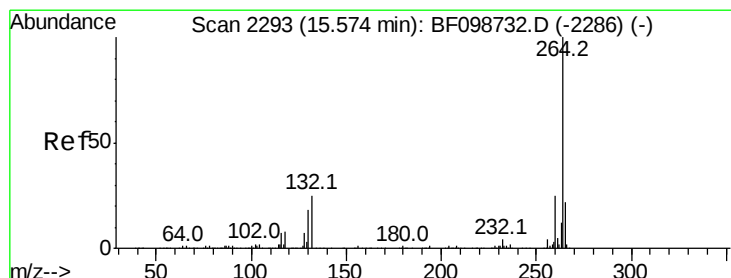
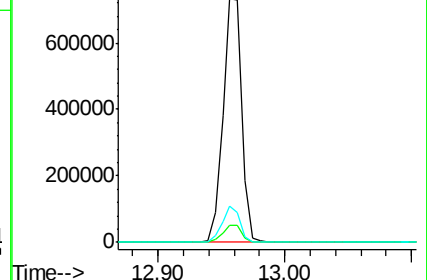
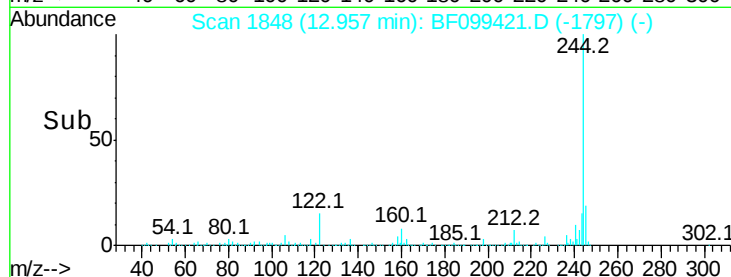
122 14.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF099421.D

Acq: 13 Oct 2017 3:29

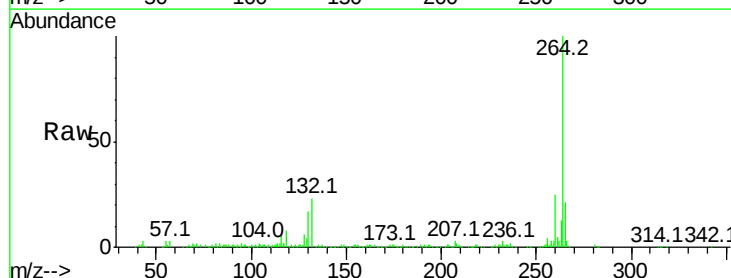
Tgt Ion:264 Resp: 156594

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.0 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

