

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109335.D
 Acq On : 26 Sep 2018 14:43
 Operator : JU/SJ
 Sample : J5069-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-A

Quant Time: Sep 26 18:52:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

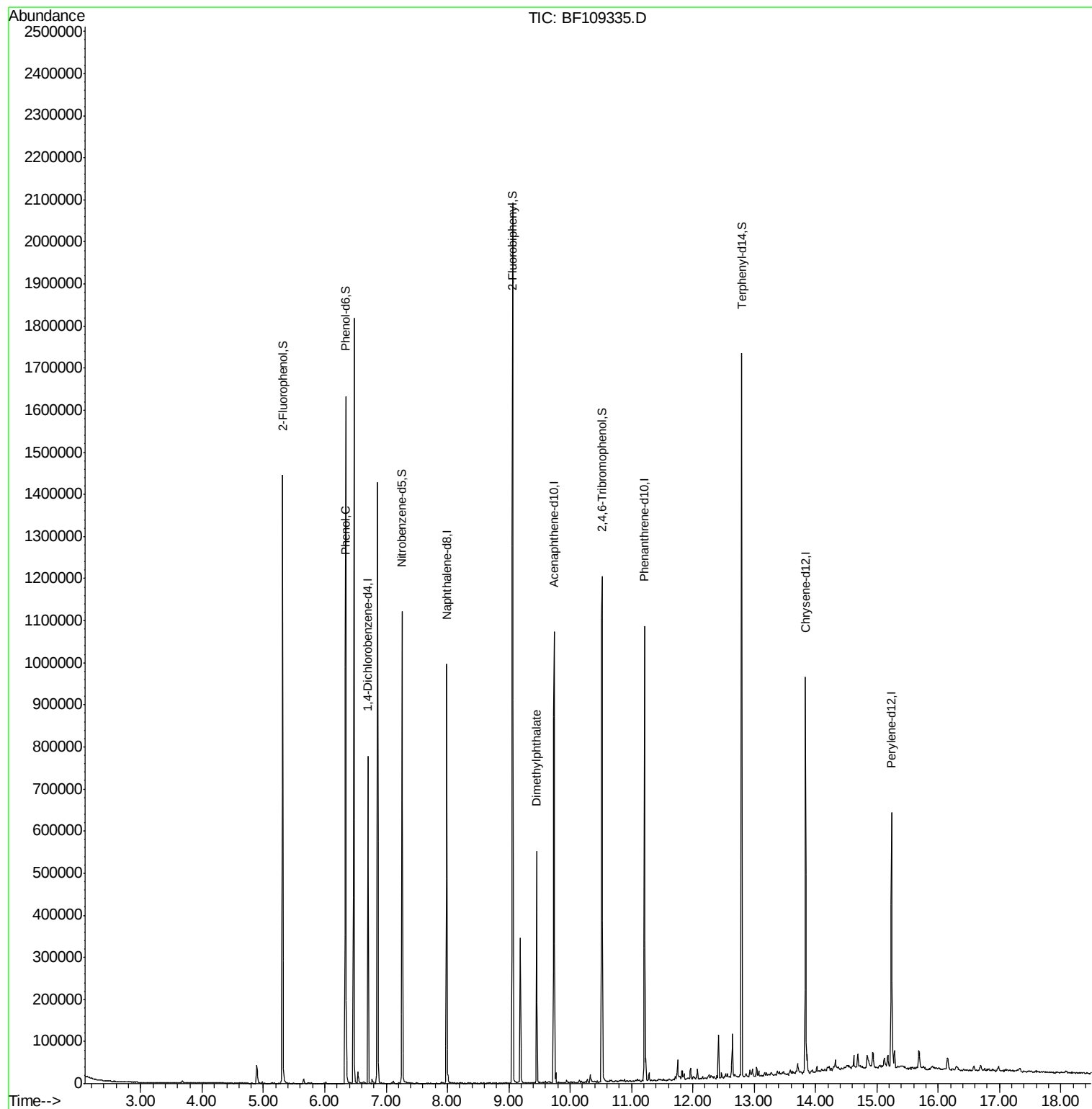
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103871	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	405121	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	197753	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	397284	20.00	ng	0.00
75) Chrysene-d12	13.84	240	288338	20.00	ng	0.00
86) Perylene-d12	15.24	264	266662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	419453	66.51	ng	0.00
7) Phenol-d6	6.34	99	547582	68.05	ng	-0.02
23) Nitrobenzene-d5	7.26	82	333903	48.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	146029	74.91	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	592943	45.22	ng	-0.01
78) Terphenyl-d14	12.80	244	602931	51.32	ng	0.00
Target Compounds						
10) Phenol	6.35	94	22477	2.466	ng	93
49) Dimethylphthalate	9.46	163	196083	13.633	ng	# 99

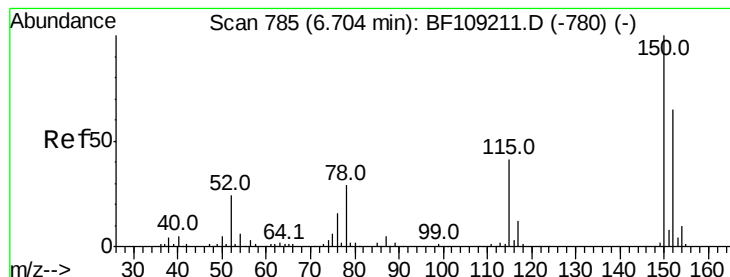
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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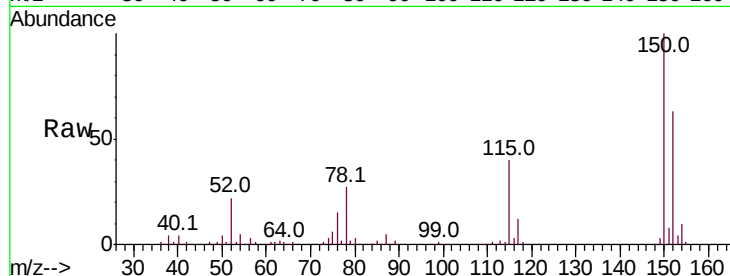


#1

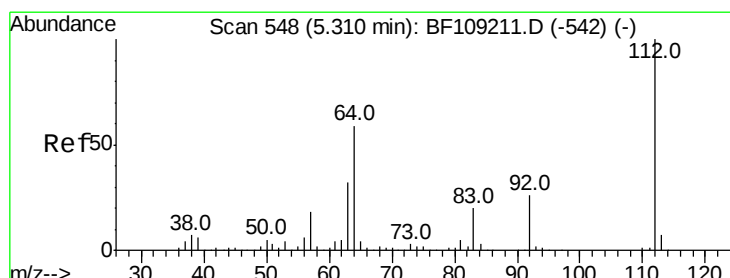
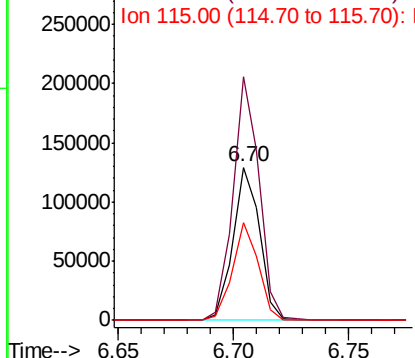
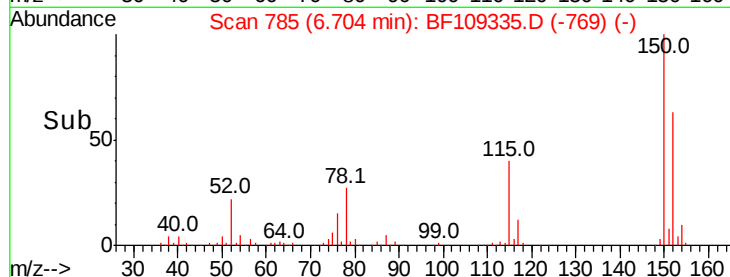
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

Instrument :
BNA_F
ClientSampleId :
SLUDGE-A

Tot Ion:152 Resp: 103871
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 63.5 50.1 75.1



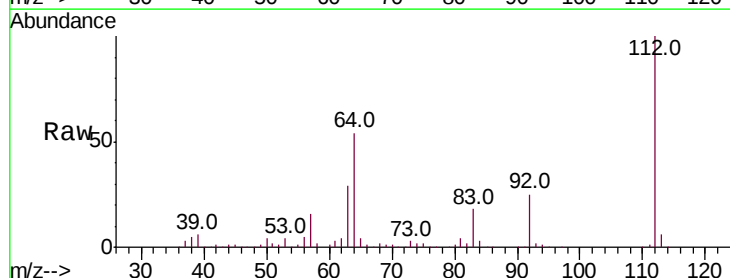
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



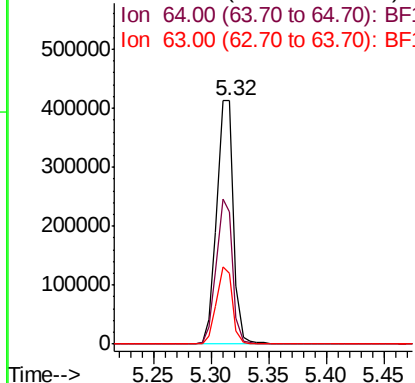
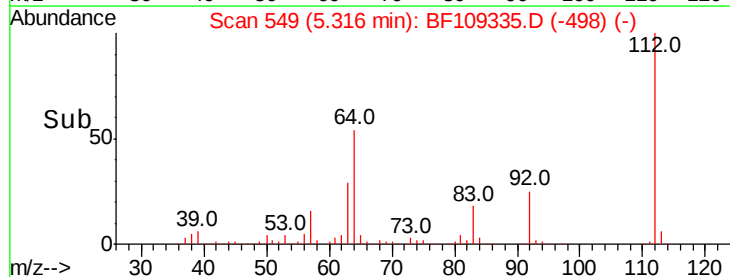
#5

2-Fluorophenol
Concen: 66.512 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

Tgt Ion:112 Resp: 419453
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 29.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 68.046 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109335.D

Acq: 26 Sep 2018 14:43

Instrument :

BNA_F

ClientSampleId :

SLUDGE-A

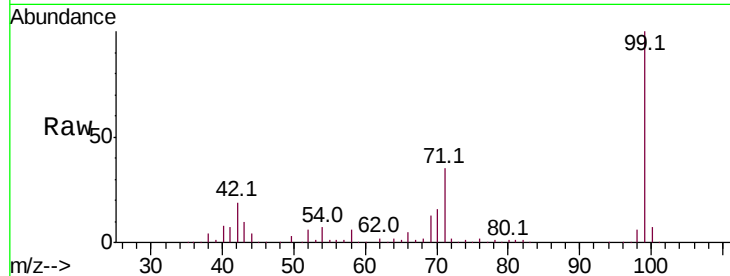
Tot Ion: 99 Resp: 547582

Ion Ratio Lower Upper

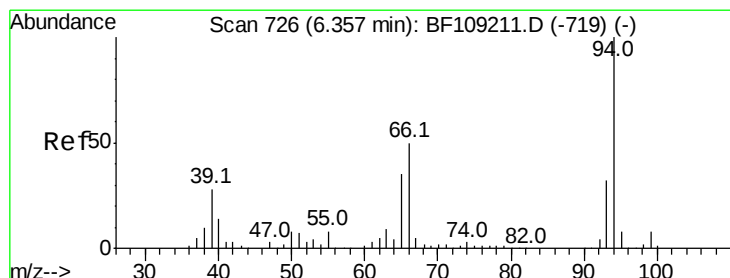
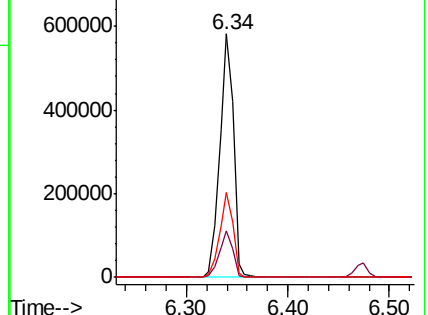
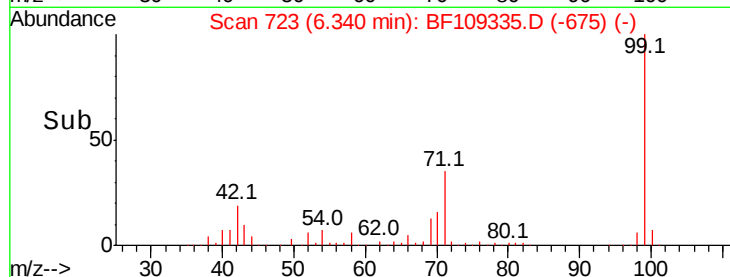
99 100

42 19.1 14.5 21.7

71 35.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.466 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109335.D

Acq: 26 Sep 2018 14:43

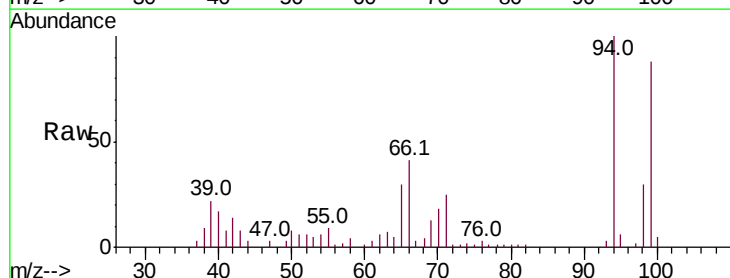
Tgt Ion: 94 Resp: 22477

Ion Ratio Lower Upper

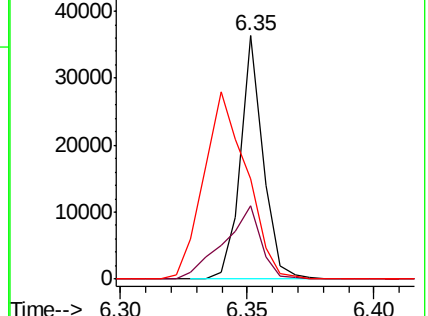
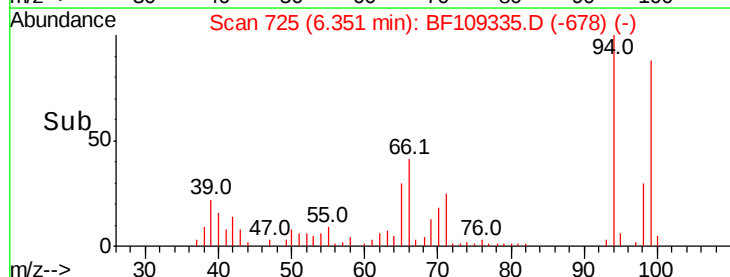
94 100

65 30.3 7.9 47.9

66 41.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109335.D

Acq: 26 Sep 2018 14:43

Instrument :

BNA_F

ClientSampleId :

SLUDGE-A

Tot Ion:136 Resp: 405121

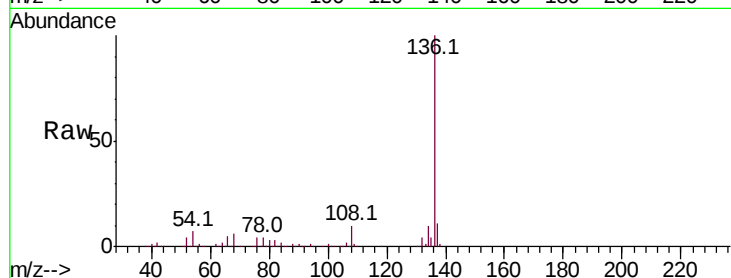
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.0 6.6 9.8

68 5.7 5.0 7.4

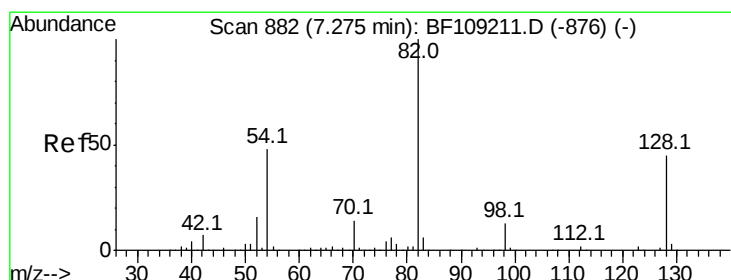
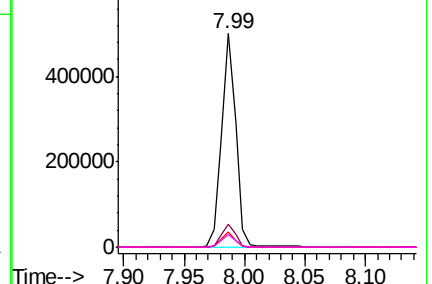
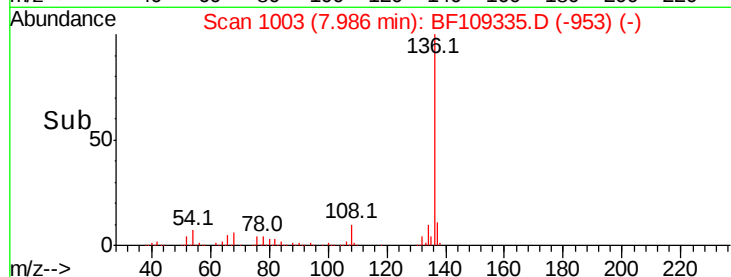


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 48.654 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109335.D

Acq: 26 Sep 2018 14:43

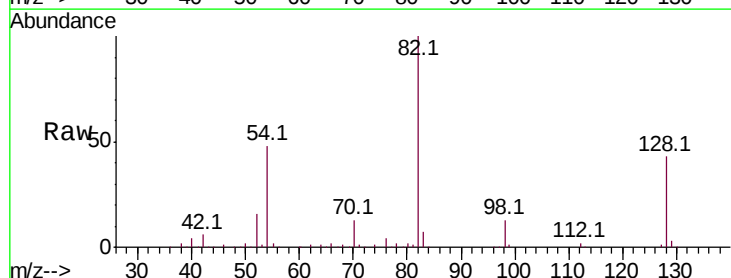
Tgt Ion: 82 Resp: 333903

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

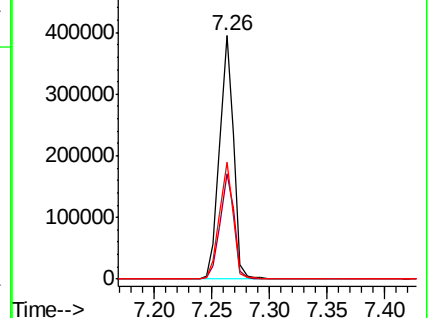
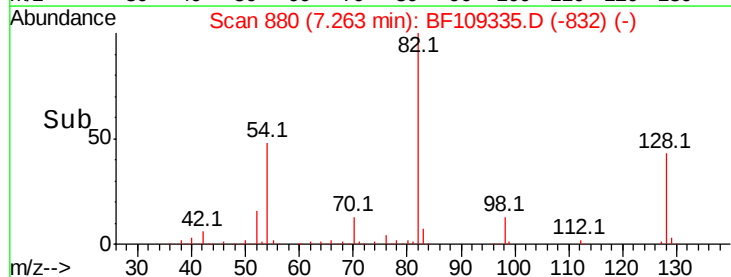
54 47.9 41.4 62.2

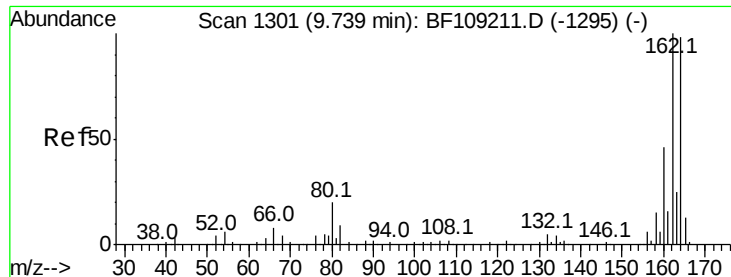


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

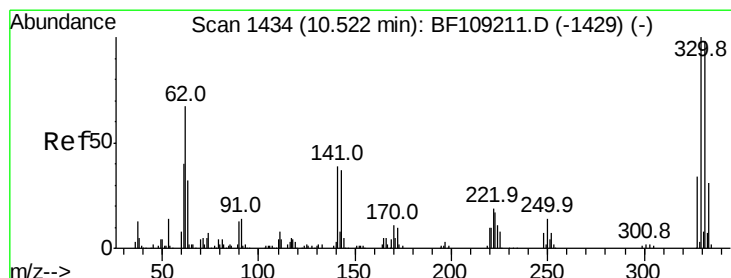
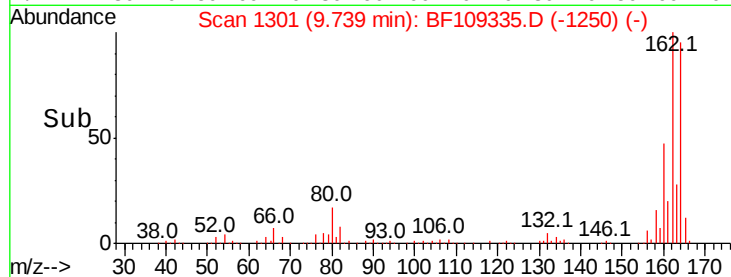
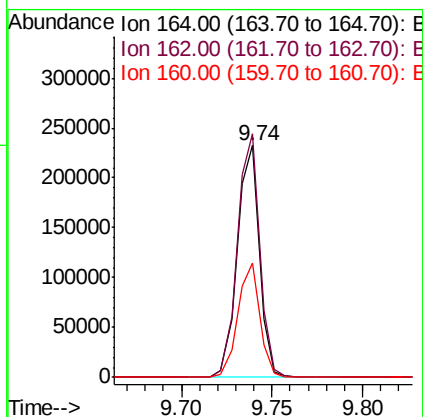
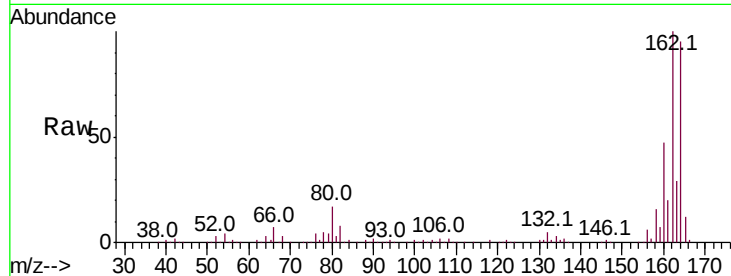




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

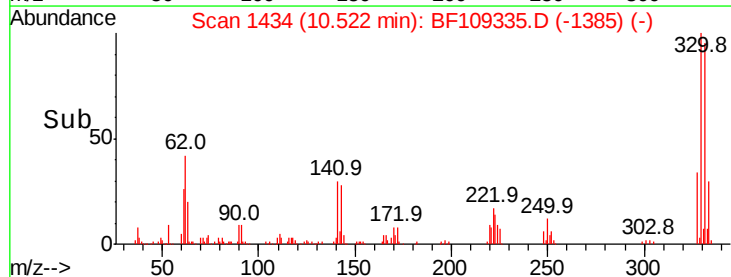
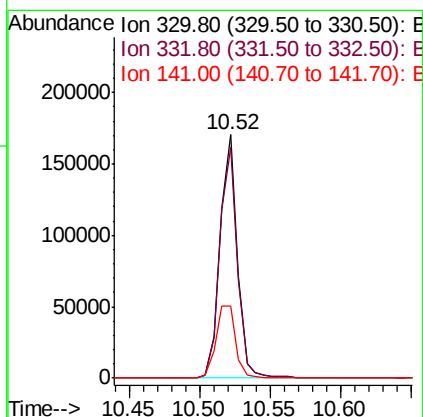
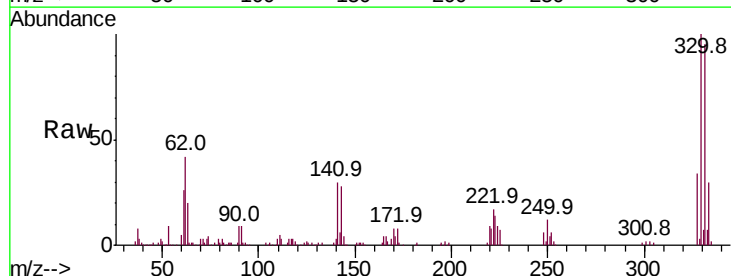
Instrument :
BNA_F
ClientSampleId :
SLUDGE-A

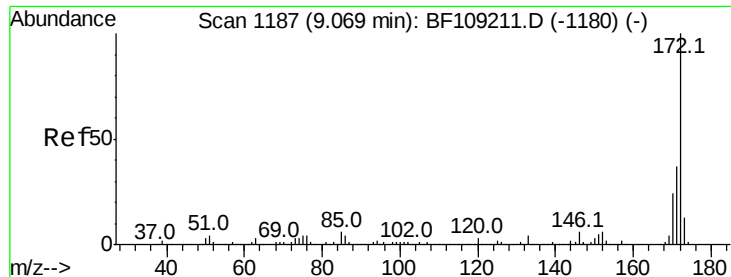
Tot Ion:164 Resp: 197753
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 49.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 74.908 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

Tgt Ion:330 Resp: 146029
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 33.9 29.9 44.9

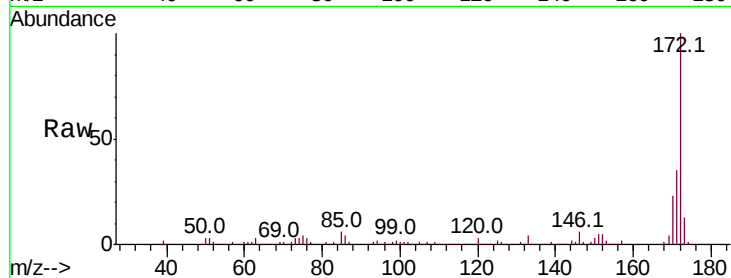




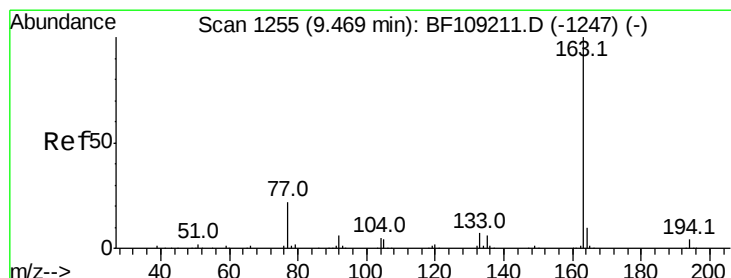
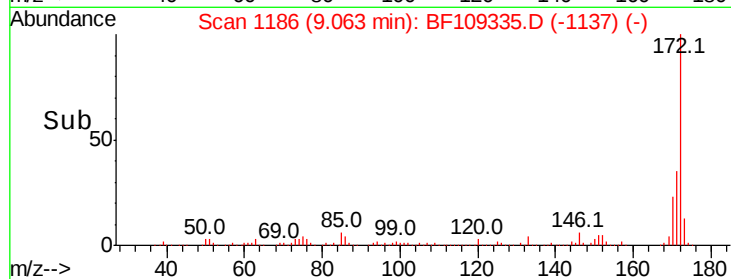
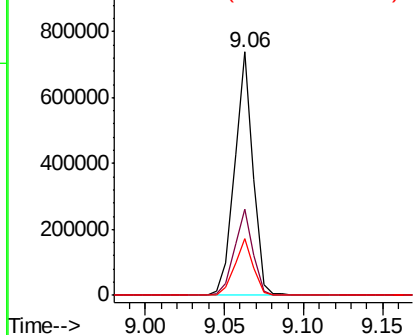
#44
 2-Fluorobiphenyl
 Concen: 45.222 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109335.D
 Acq: 26 Sep 2018 14:43

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-A

Tot Ion:	172	Resp:	592943
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.2	19.6	29.4

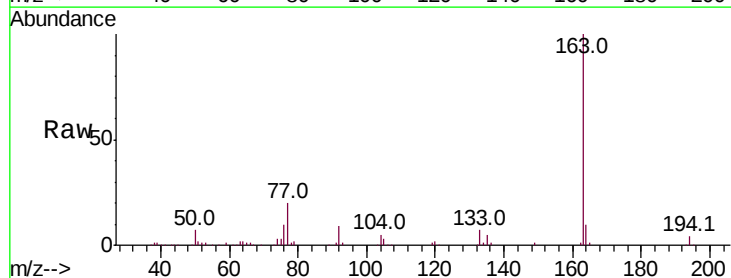


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

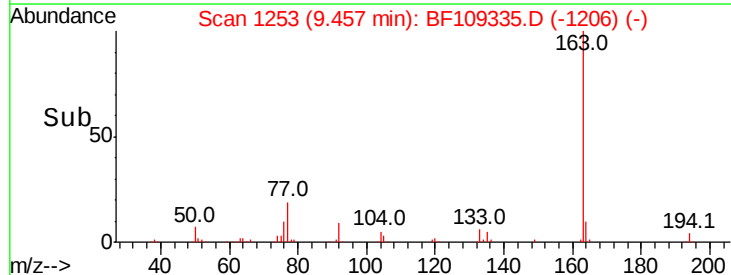
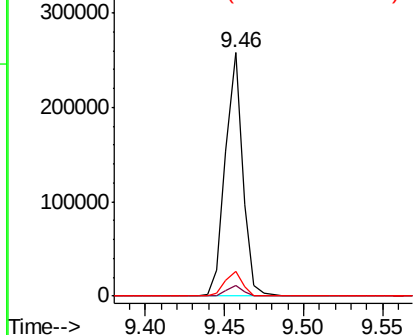


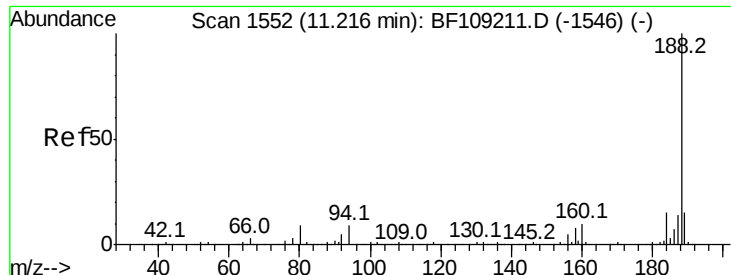
#49
 Dimethylphthalate
 Concen: 13.633 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109335.D
 Acq: 26 Sep 2018 14:43

Tgt Ion:	163	Resp:	196083
Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.2	8.2	12.2



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

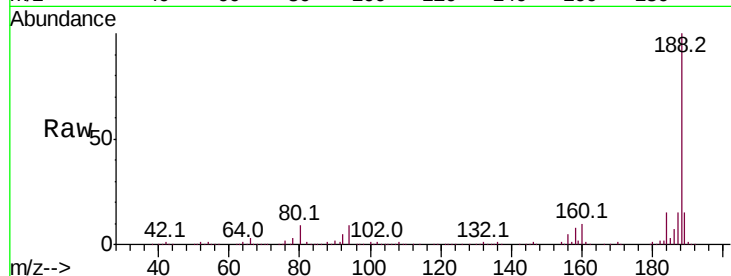




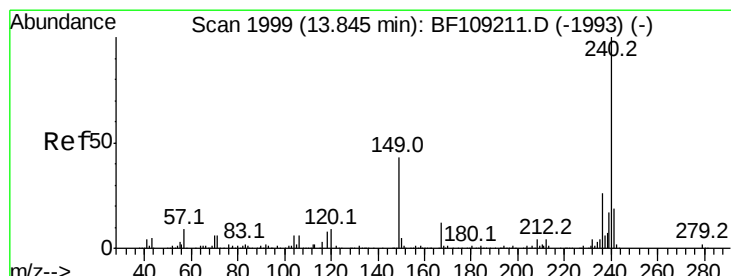
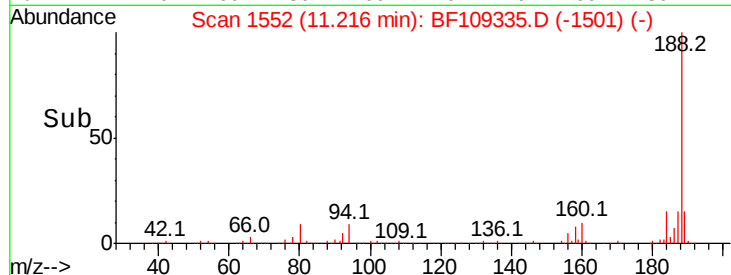
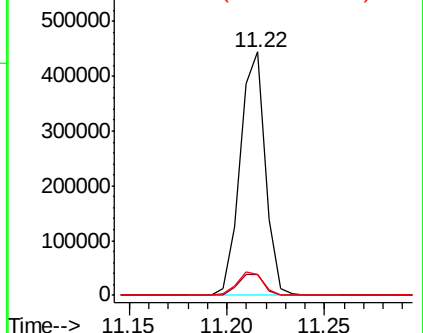
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

Instrument :
BNA_F
ClientSampleId :
SLUDGE-A

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.7	9.2	13.8#

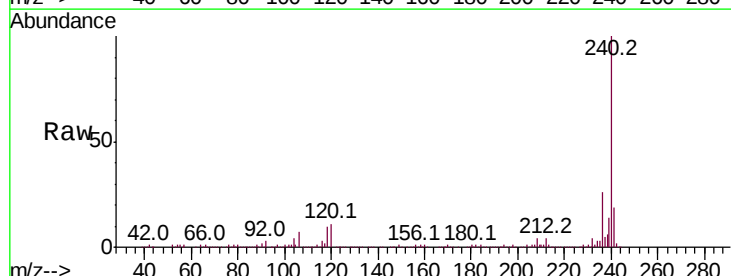


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

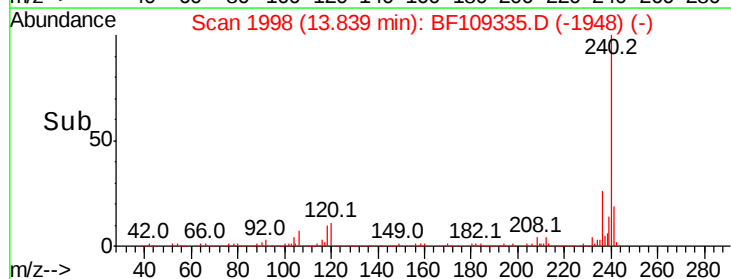
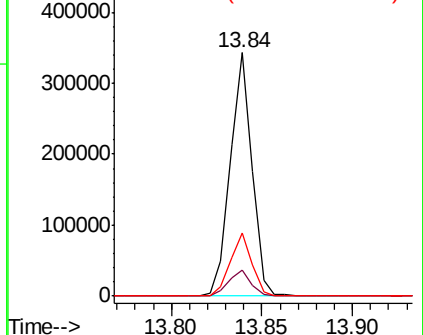


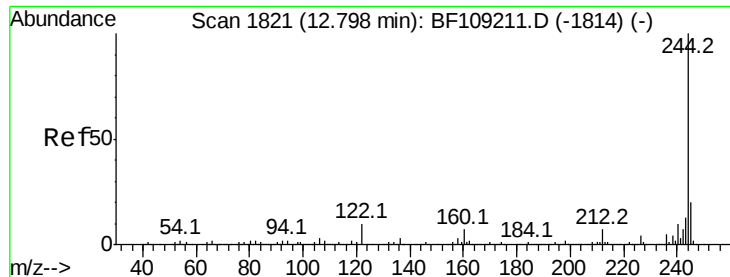
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109335.D
Acq: 26 Sep 2018 14:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.9	20.7	31.1



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

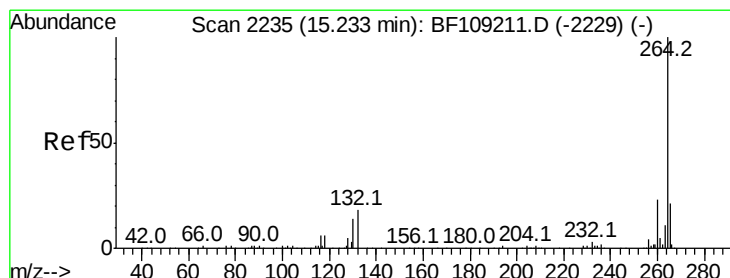
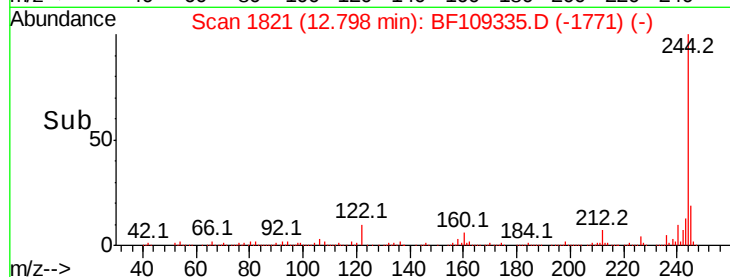
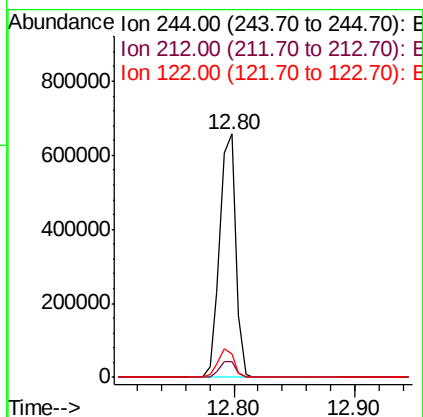
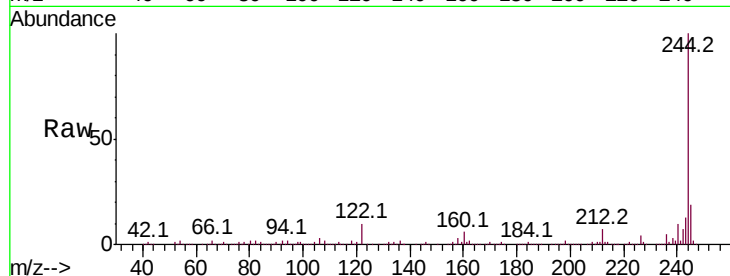




#78
 Terphenyl-d14
 Concen: 51.318 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109335.D
 Acq: 26 Sep 2018 14:43

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-A

Tot Ion:244 Resp: 602931
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109335.D
 Acq: 26 Sep 2018 14:43

Tgt Ion:264 Resp: 266662
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 22.5 17.5 26.3

