

Data File : BF109354.D
Acq On : 26 Sep 2018 22:59
Operator : JU/SJ
Sample : J5069-05RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-B

Quant Time: Sep 27 05:41:04 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

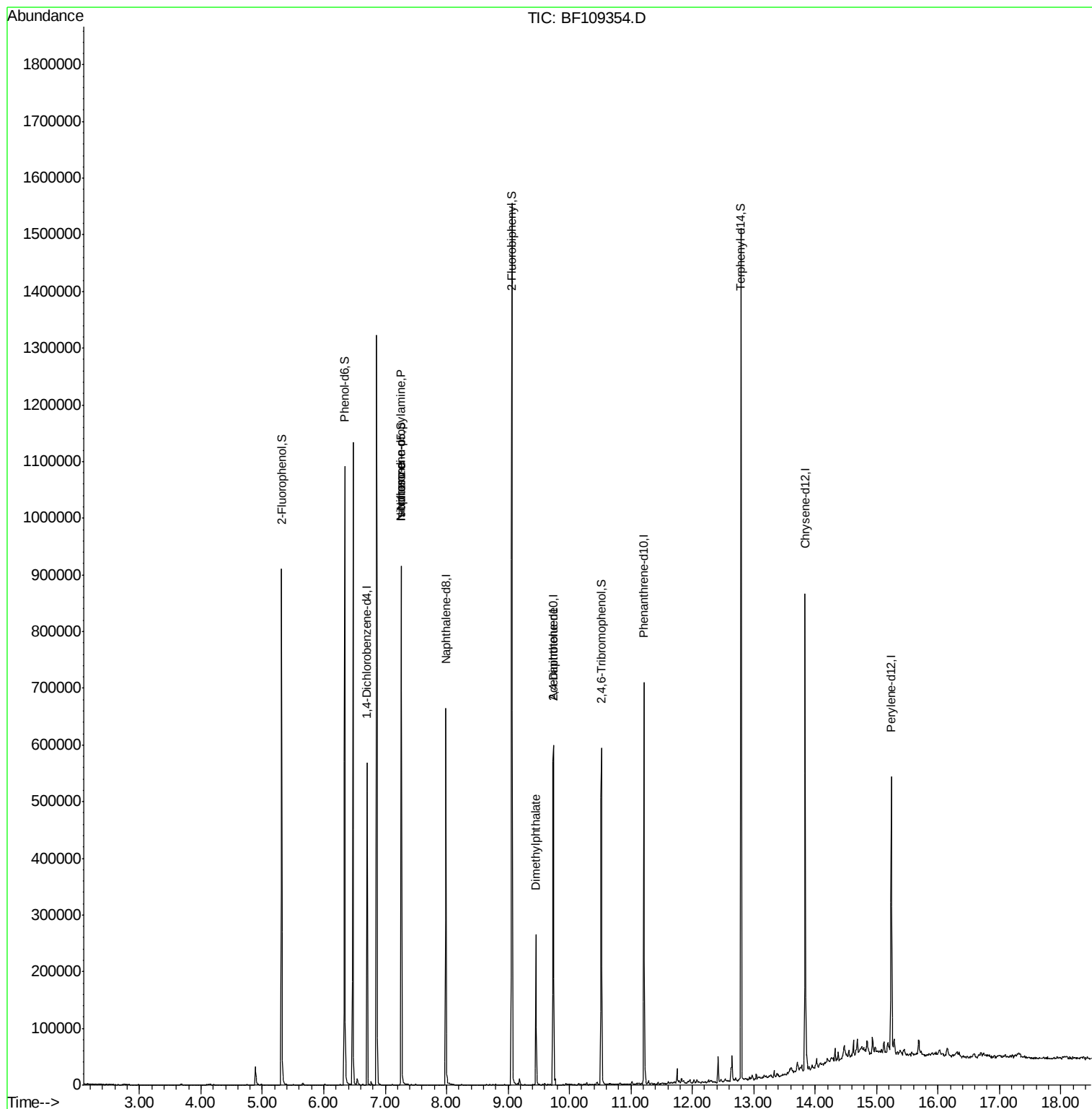
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	85467	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	292023	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	120500	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	252947	20.00	ng	0.00
75) Chrysene-d12	13.84	240	281664	20.00	ng	0.00
86) Perylene-d12	15.24	264	223532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	269593	51.95	ng	0.00
7) Phenol-d6	6.34	99	323534	48.86	ng	-0.02
23) Nitrobenzene-d5	7.26	82	288964	58.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	73084	61.52	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	444130	55.59	ng	-0.01
78) Terphenyl-d14	12.79	244	527444	45.96	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	37665	8.681	ng	# 77
25) Isophorone	7.26	82	274738	30.841	ng	# 64
49) Dimethylphthalate	9.46	163	101700	11.604	ng	99
56) 2,4-Dinitrotoluene	9.73	165	15407	7.015	ng	# 21

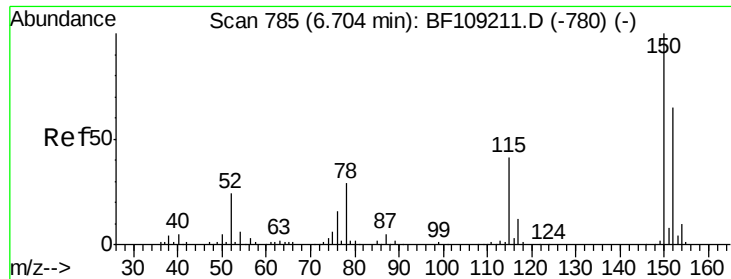
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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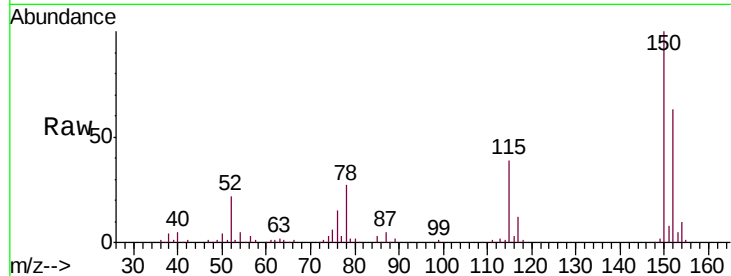




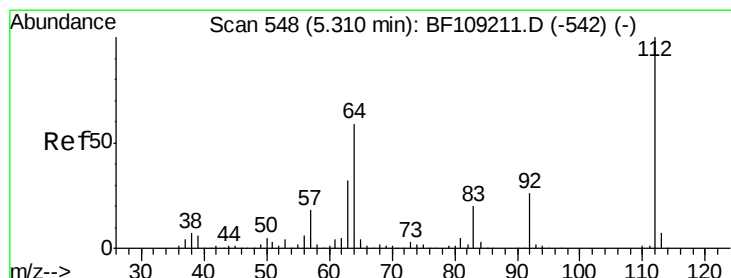
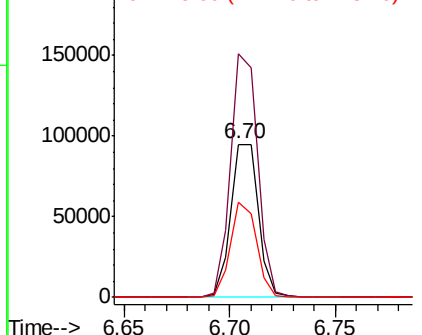
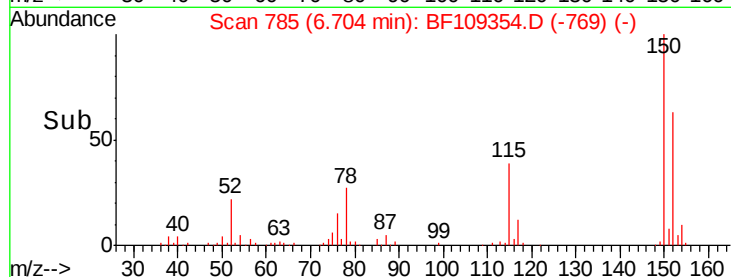
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109354.D
 Acq: 26 Sep 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-B

Tgt Ion:152 Resp: 85467
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.6 186.8
 115 62.5 50.1 75.1

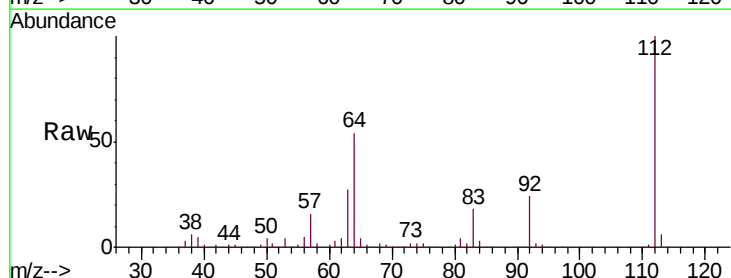


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

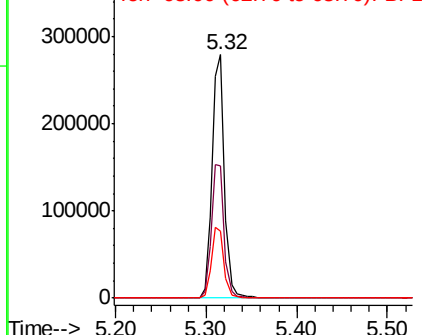
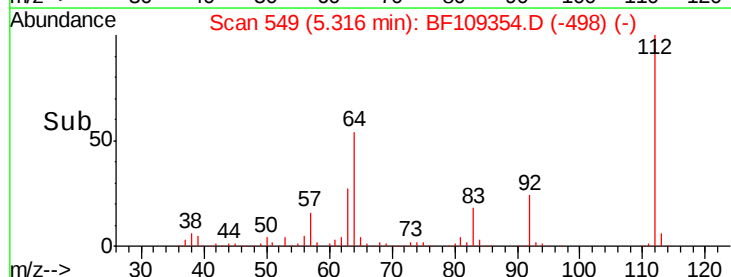


#5
 2-Fluorophenol
 Concen: 51.955 ng
 RT: 5.32 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF109354.D
 Acq: 26 Sep 2018 22:59

Tgt Ion:112 Resp: 269593
 Ion Ratio Lower Upper
 112 100
 64 54.1 47.9 71.9
 63 27.3 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: 48.862 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109354.D

Acq: 26 Sep 2018 22:59

Instrument :

BNA_F

ClientSampled :

SLUDGE-B

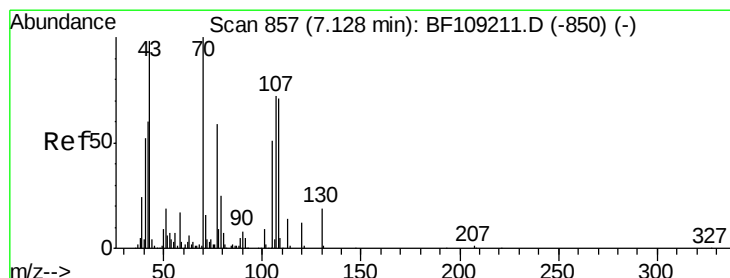
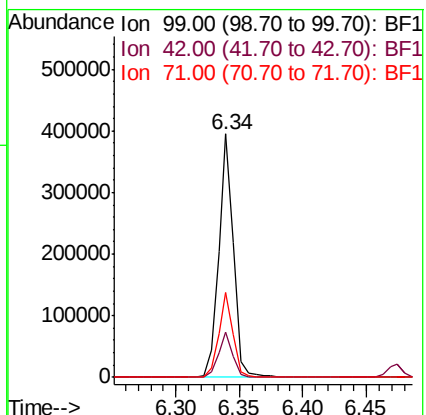
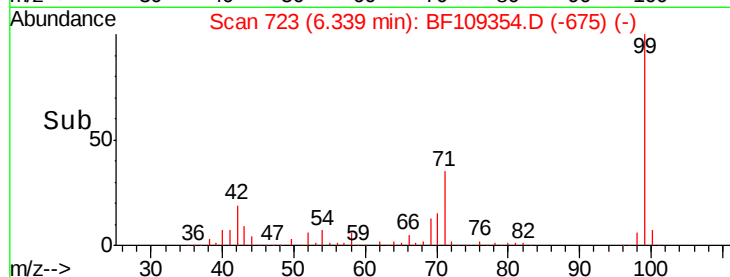
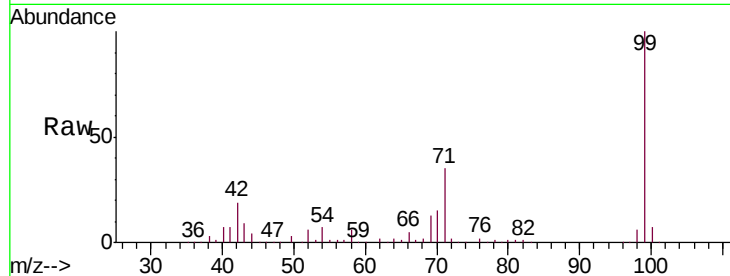
Tgt Ion: 99 Resp: 323534

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 34.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.681 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109354.D

Acq: 26 Sep 2018 22:59

Tgt Ion: 70 Resp: 37665

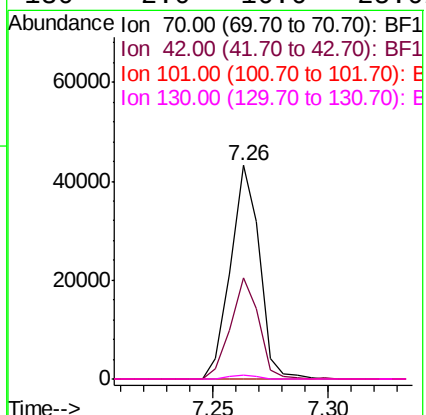
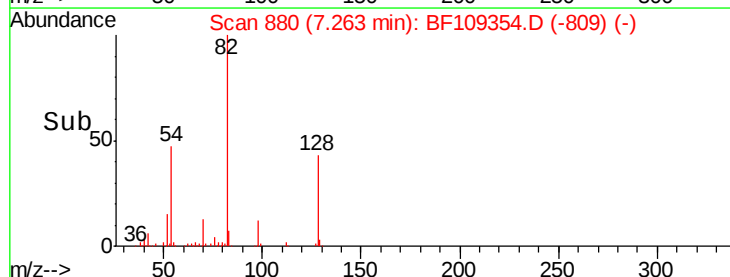
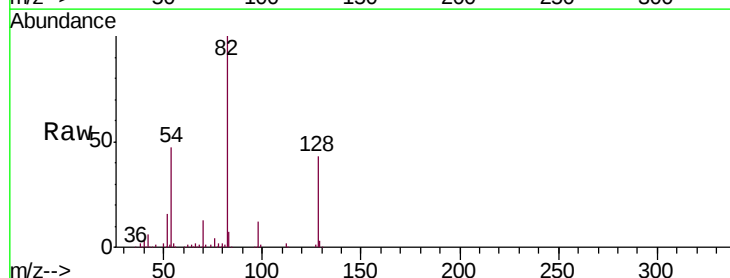
Ion Ratio Lower Upper

70 100

42 47.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109354.D

Acq: 26 Sep 2018 22:59

Instrument :

BNA_F

ClientSampleId :

SLUDGE-B

Tgt Ion:136 Resp: 292023

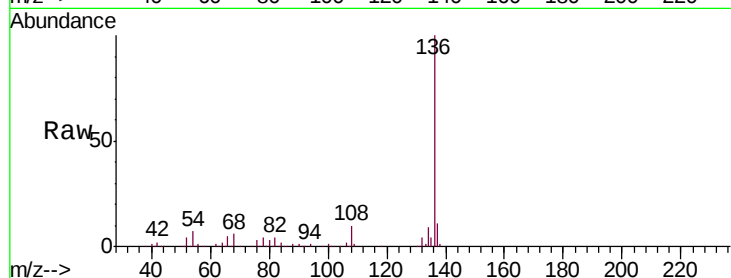
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.2 6.6 9.8

68 6.1 5.0 7.4

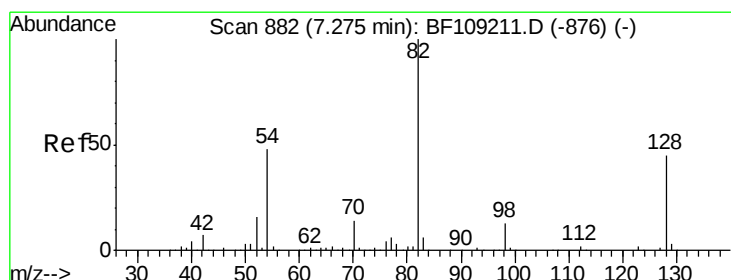
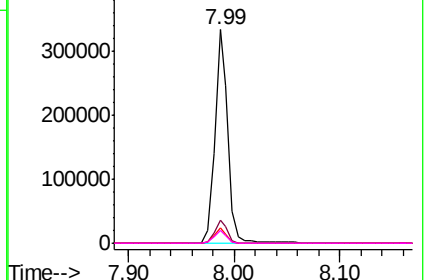
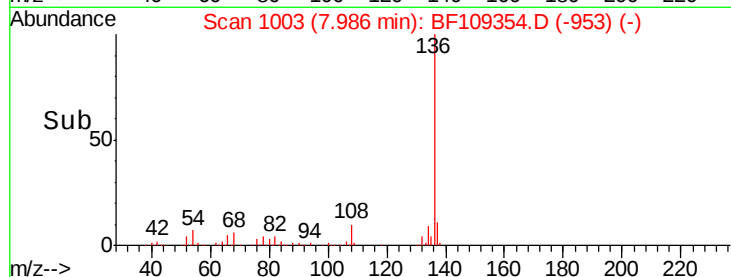


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 58.413 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109354.D

Acq: 26 Sep 2018 22:59

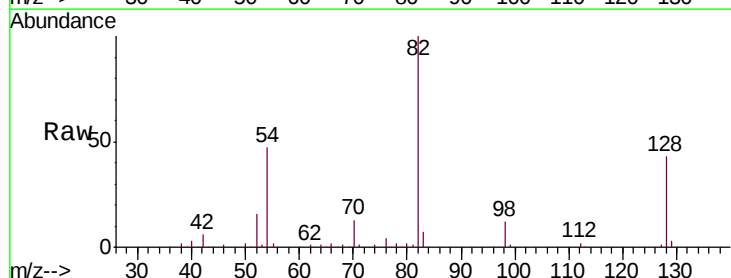
Tgt Ion: 82 Resp: 288964

Ion Ratio Lower Upper

82 100

128 42.6 36.1 54.1

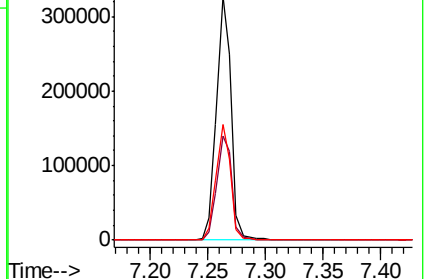
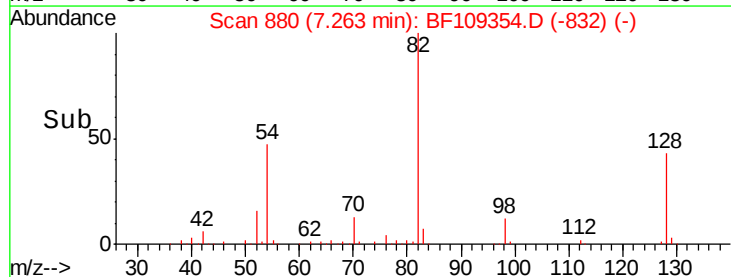
54 47.4 41.4 62.2

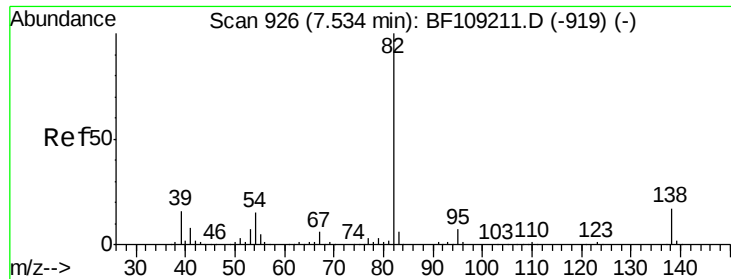


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

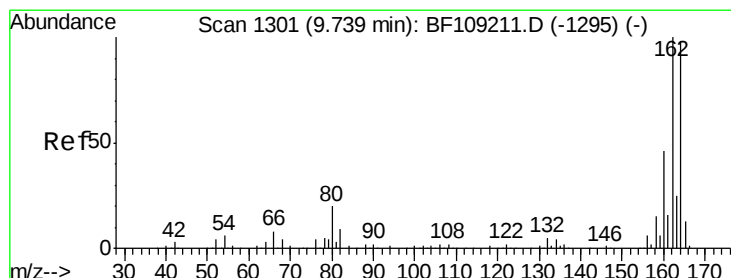
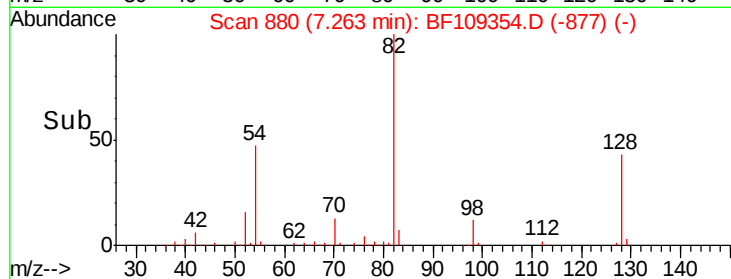
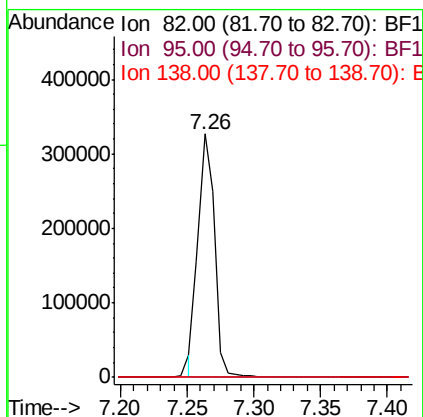
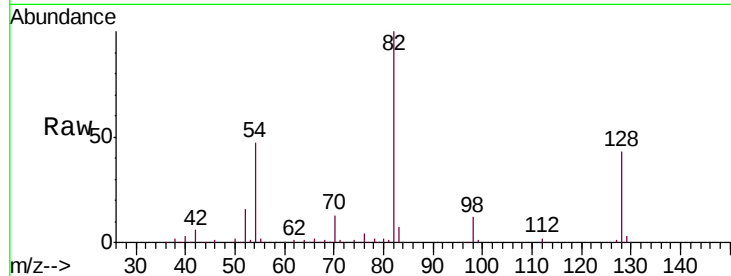




#25
Isophorone
Concen: 30.841 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109354.D
Acq: 26 Sep 2018 22:59

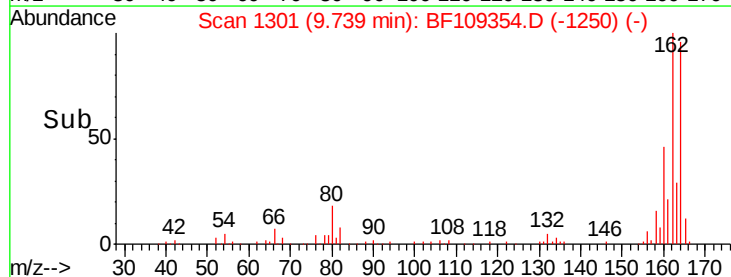
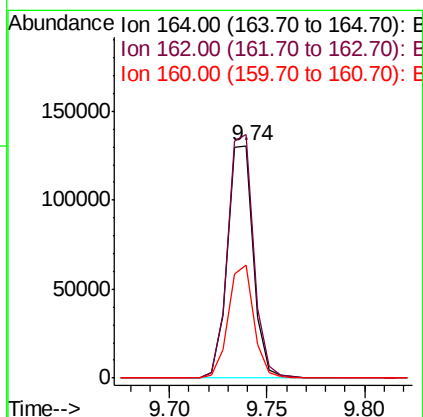
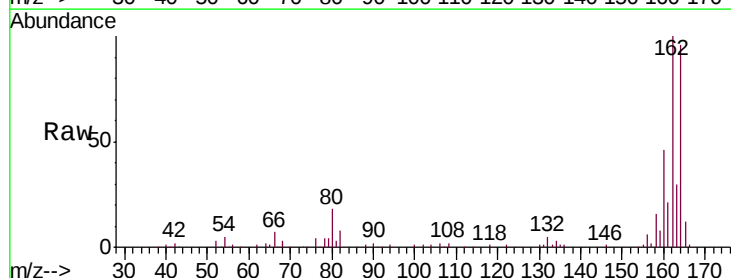
Instrument :
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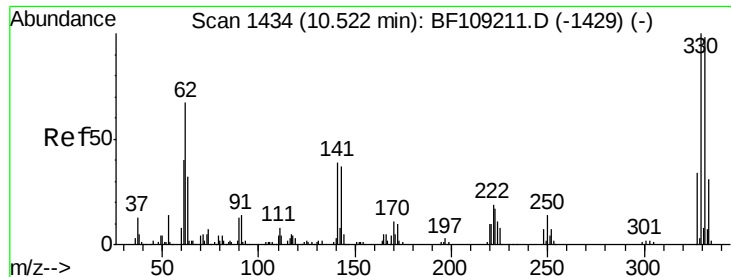
Tgt Ion: 82 Resp: 274738
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109354.D
Acq: 26 Sep 2018 22:59

Tgt Ion: 164 Resp: 120500
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 48.3 38.3 57.5

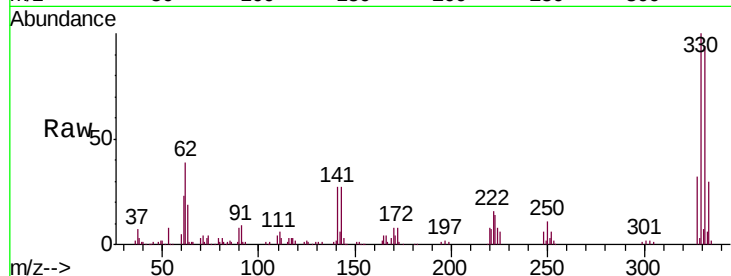




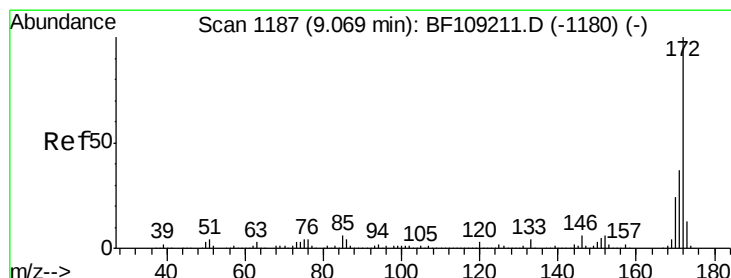
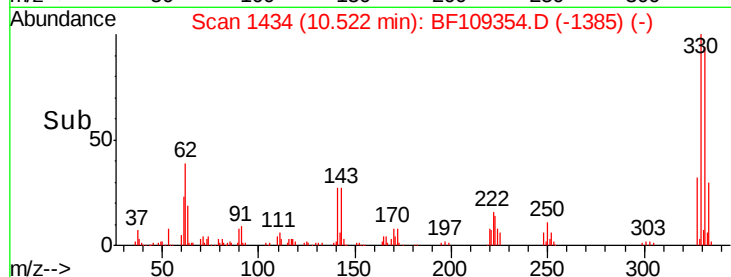
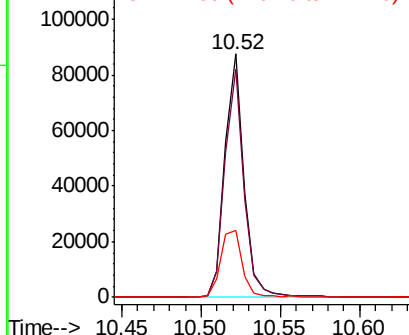
#41
 2,4,6-Tribromophenol
 Concen: 61.525 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109354.D
 Acq: 26 Sep 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-B

Tgt Ion:330 Resp: 73084
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 31.4 29.9 44.9

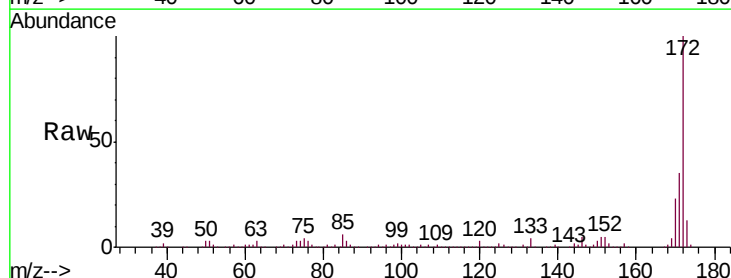


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

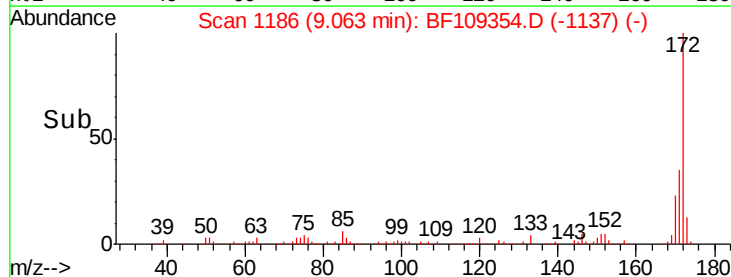
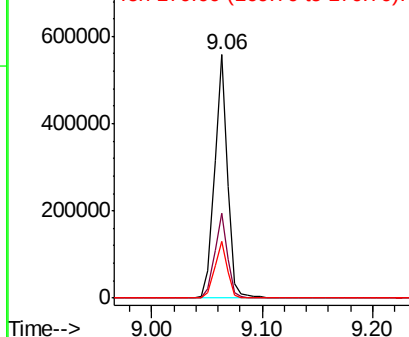


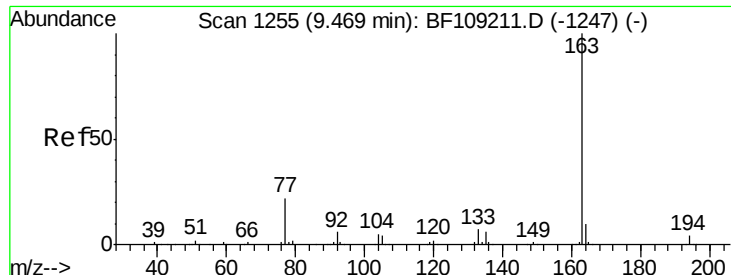
#44
 2-Fluorobiphenyl
 Concen: 55.588 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109354.D
 Acq: 26 Sep 2018 22:59

Tgt Ion:172 Resp: 444130
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.1 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

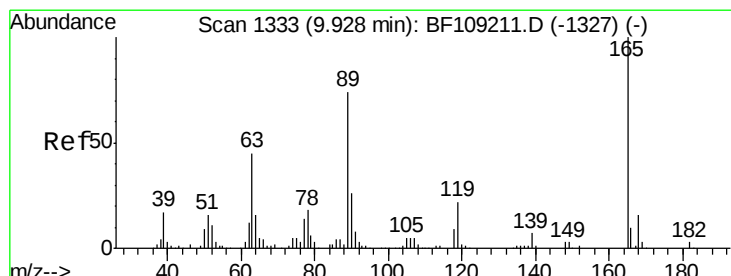
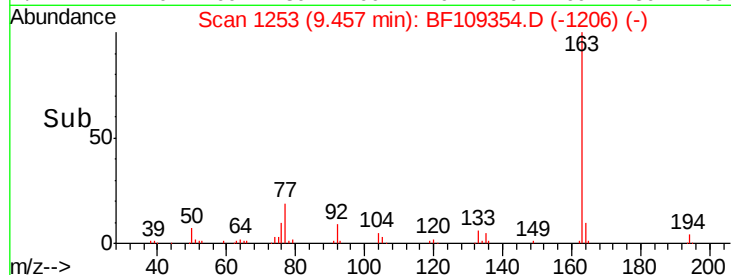
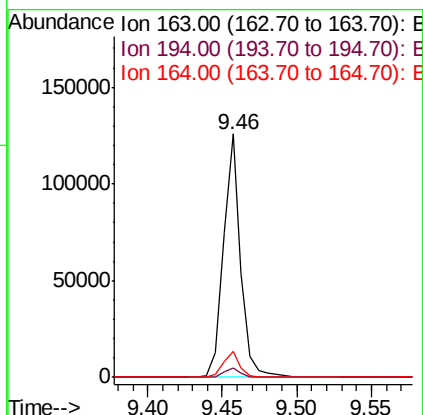
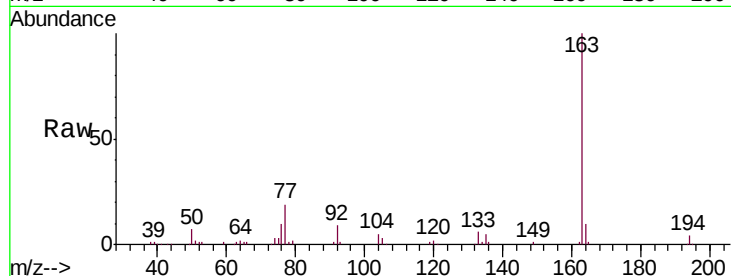




#49
Dimethylphthalate
Concen: 11.604 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109354.D
Acq: 26 Sep 2018 22:59

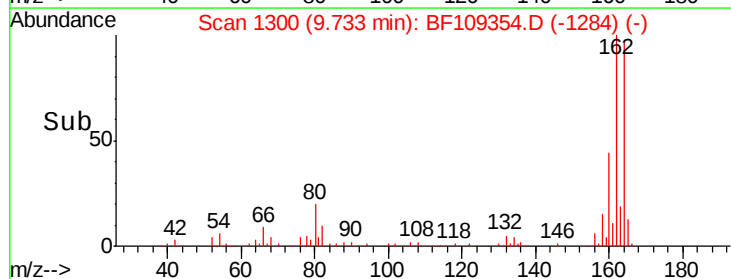
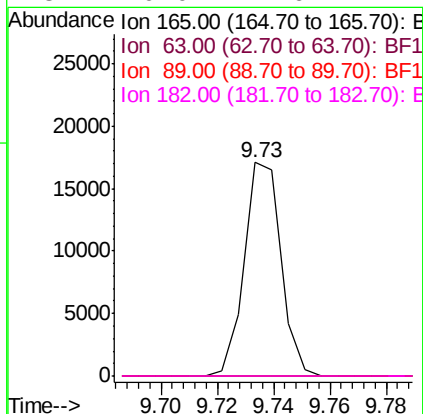
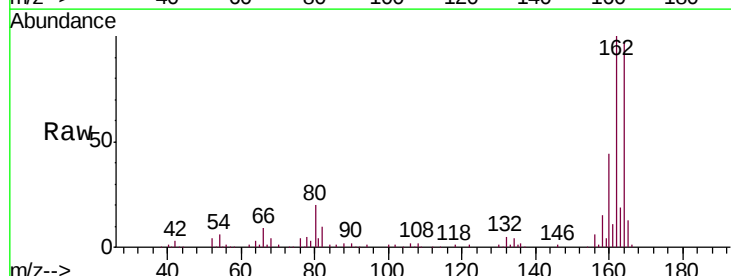
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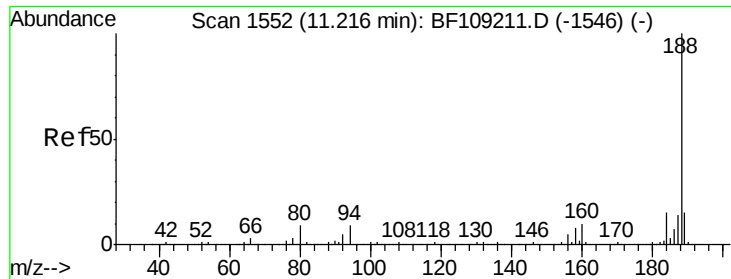
Tgt Ion:163 Resp: 101700
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.5 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 7.015 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109354.D
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Tgt Ion:165 Resp: 15407
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

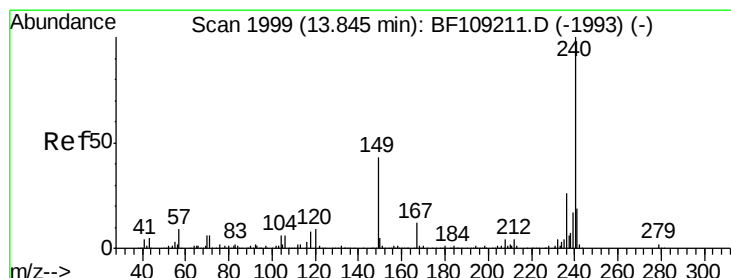
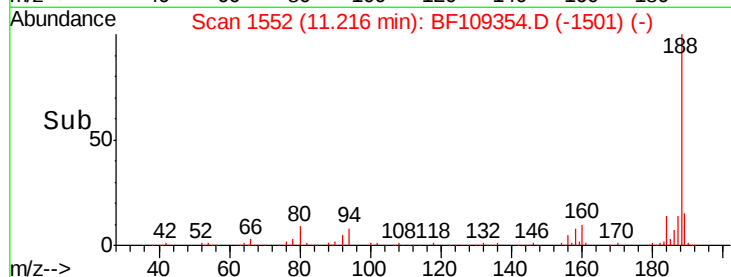
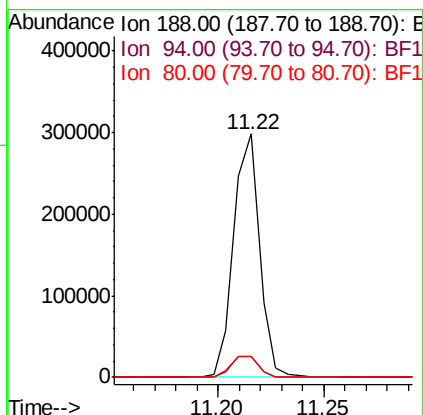
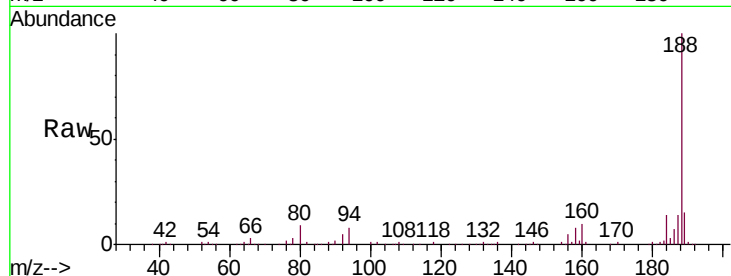




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109354.D
Acq: 26 Sep 2018 22:59

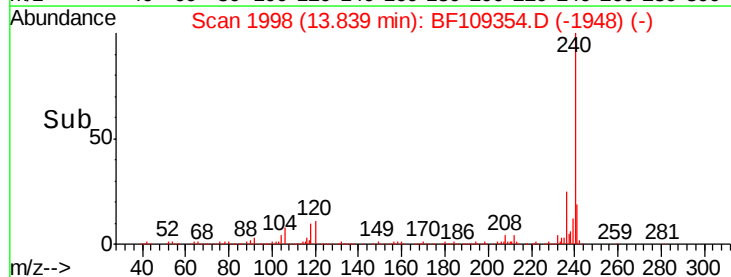
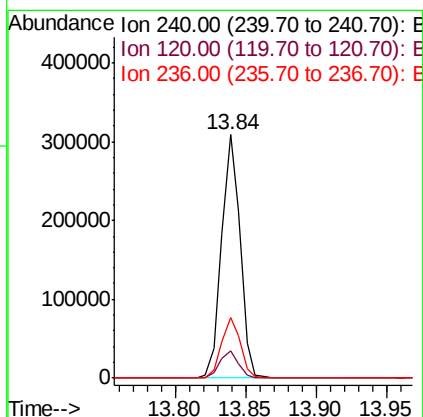
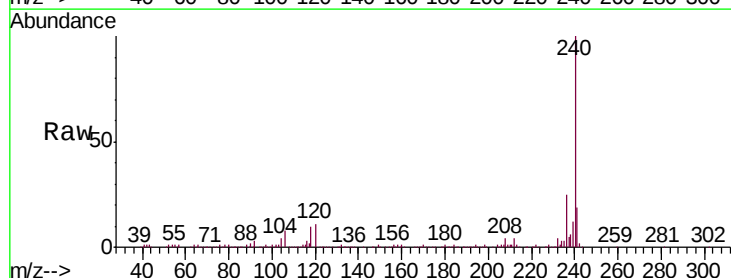
Instrument :
BNA_F
ClientSampleId :
SLUDGE-B

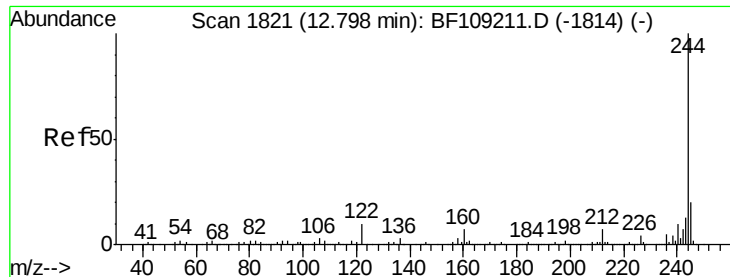
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.7	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109354.D
Acq: 26 Sep 2018 22:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	24.8	20.7	31.1





#78

Terphenyl-d14

Concen: 45.957 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109354.D

Acq: 26 Sep 2018 22:59

Instrument :

BNA_F

ClientSampleId :

SLUDGE-B

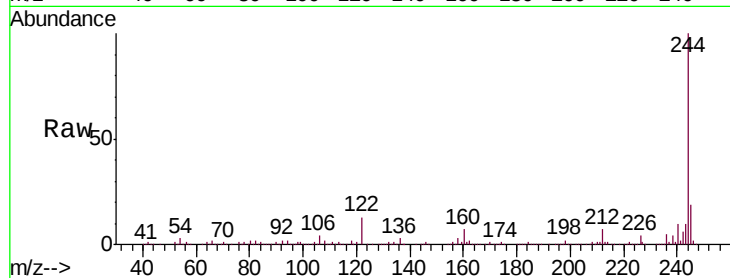
Tgt Ion:244 Resp: 527444

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

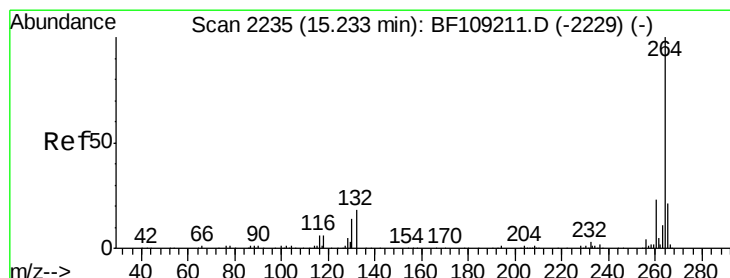
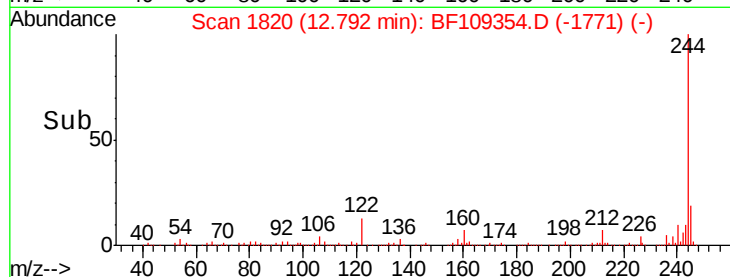
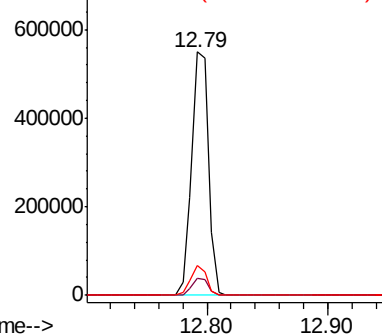
122 12.5 11.0 16.4



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: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109354.D

Acq: 26 Sep 2018 22:59

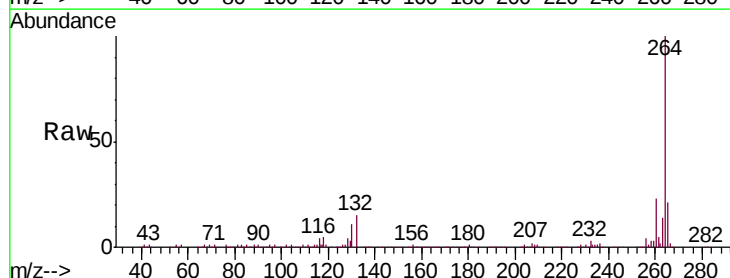
Tgt Ion:264 Resp: 223532

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.3 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

