

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103454.D
 Acq On : 6 Mar 2018 14:30
 Operator : SJ/JU
 Sample : J1783-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

Manual Integrations
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 3/7/2018 12:15:01 PM

Quant Time: Mar 06 16:30:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	119350	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	471010	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	179428	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	99607	20.00	ng	0.00
75) Chrysene-d12	14.17	240	20134m	20.00	ng	0.11
86) Perylene-d12	15.75	264	66570m	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	871221	110.40	ng	0.00
7) Phenol-d6	6.52	99	1023445	105.99	ng	0.00
23) Nitrobenzene-d5	7.44	82	596164	72.28	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	130495	85.92	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	839352	79.30	ng	0.00
78) Terphenyl-d14	13.04	244	142568	170.22	ng	0.04
Target Compounds						
10) Phenol	6.53	94	32169	2.870	ng	# 48
20) 3+4-Methylphenols	7.29	107	131053	14.431	ng	92
37) 2-Methylnaphthalene	8.87	142	31111	2.088	ng	94
70) Phenanthrene	11.44	178	11623	2.120	ng	# 74
73) Di-n-butylphthalate	11.98	149	389996	55.679	ng	# 91

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

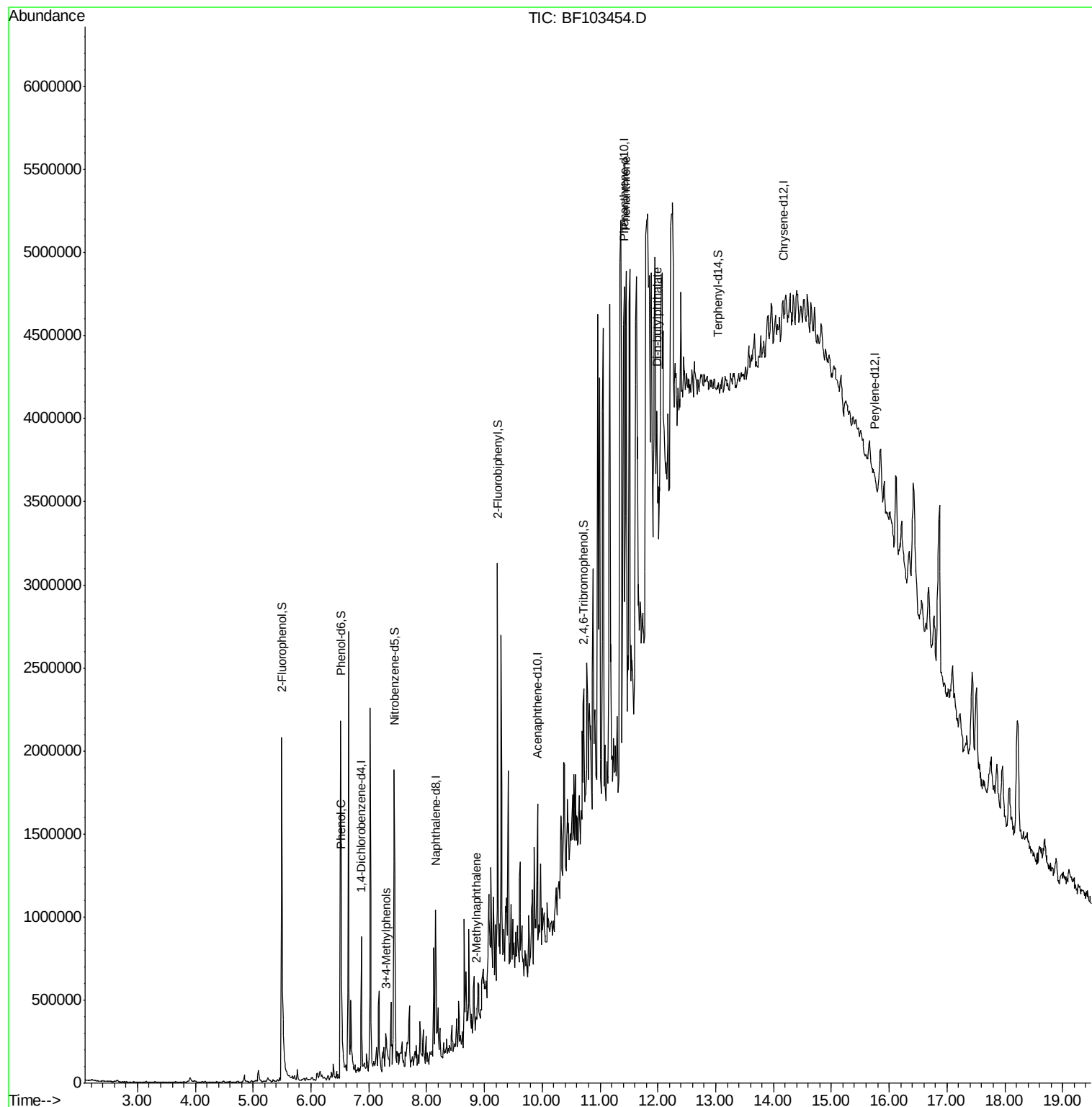
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103454.D
Acq On : 6 Mar 2018 14:30
Operator : SJ/JU
Sample : J1783-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

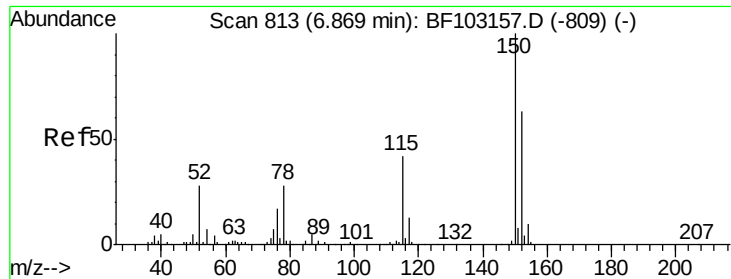
Instrument :
BNA_F
ClientSampled :
SLUDGE

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Quant Time: Mar 06 16:30:13 2018
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#1

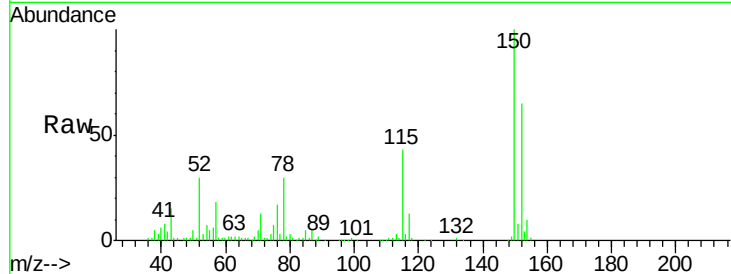
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	66.4	50.1	75.1

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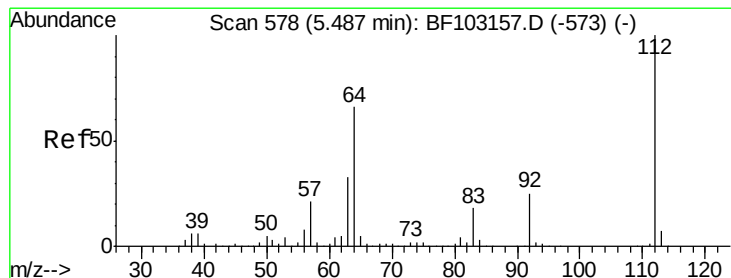
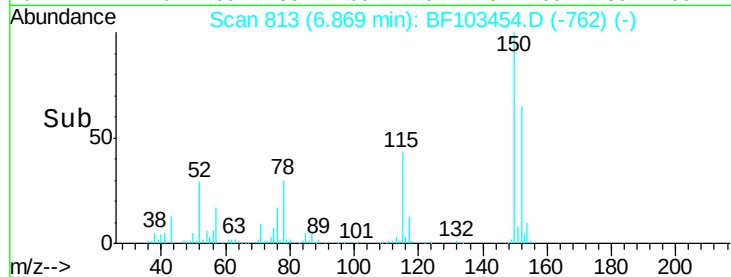
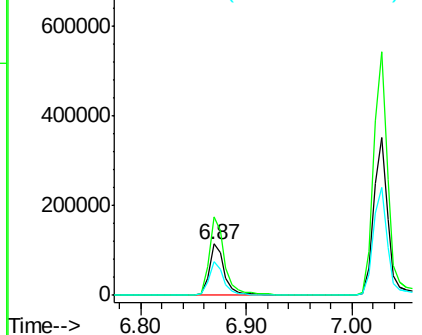


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

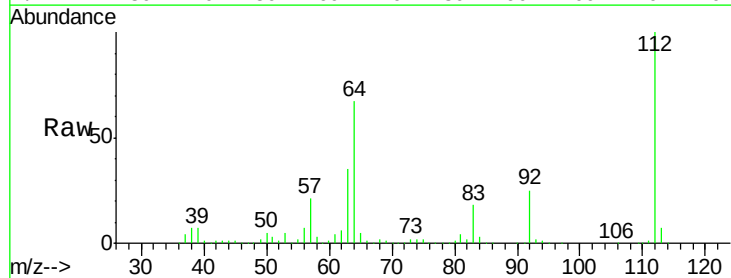
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.403 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	34.5	23.7	35.5

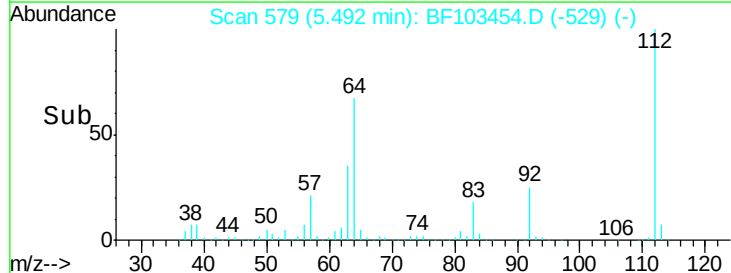
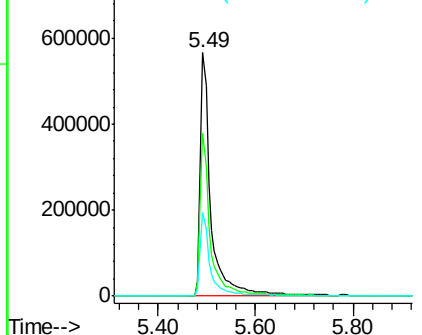


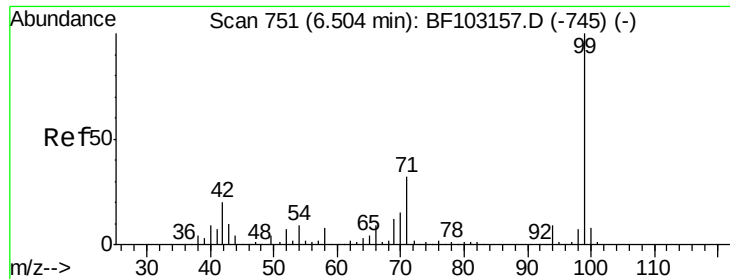
Abundance

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: 105.989 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

ClientSampled :

SLUDGE

Tot Ion: 99 Resp: 1023445

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

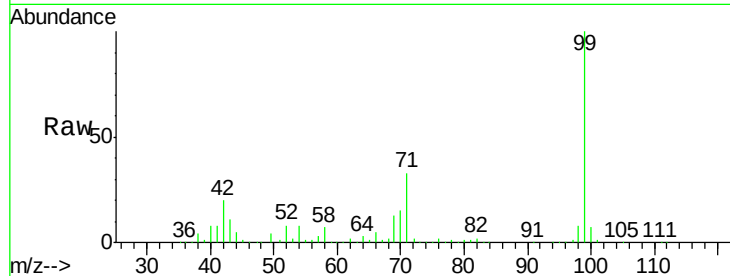
71 32.5 25.4 38.0

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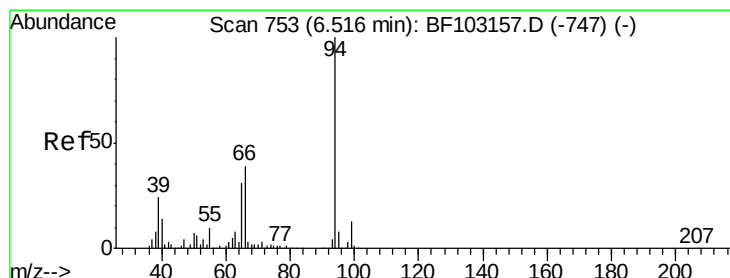
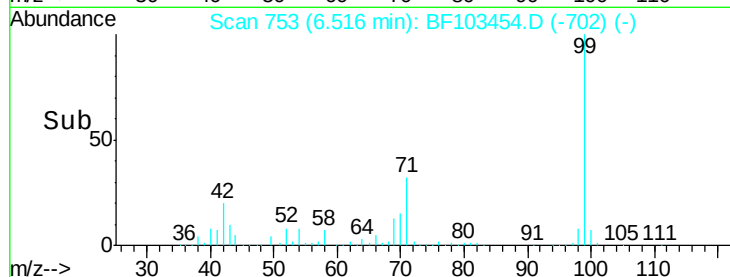
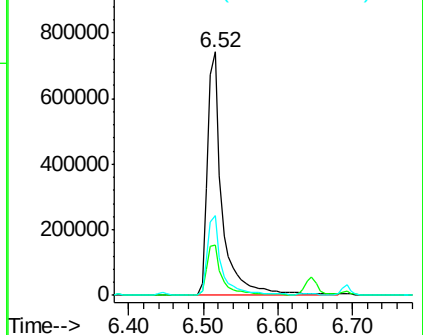
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.870 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

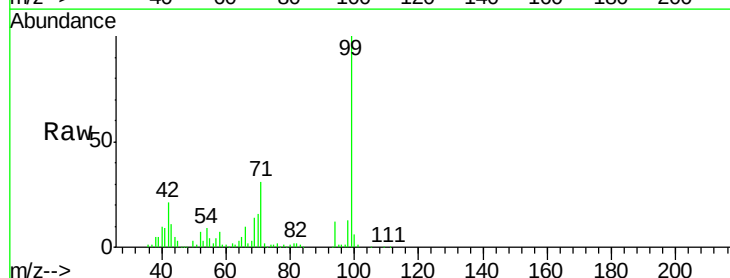
Tgt Ion: 94 Resp: 32169

Ion Ratio Lower Upper

94 100

65 38.8 7.9 47.9

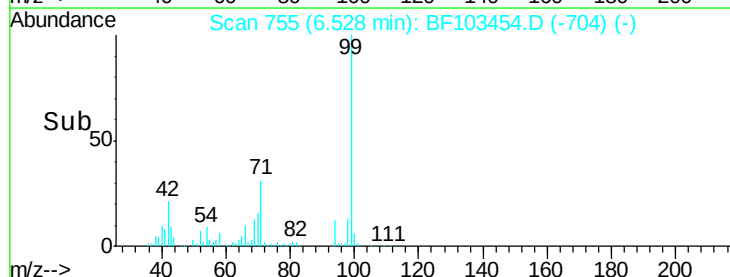
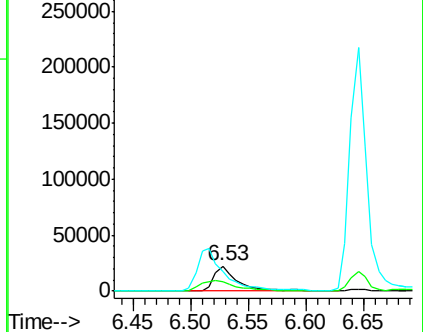
66 81.0 16.2 56.2#

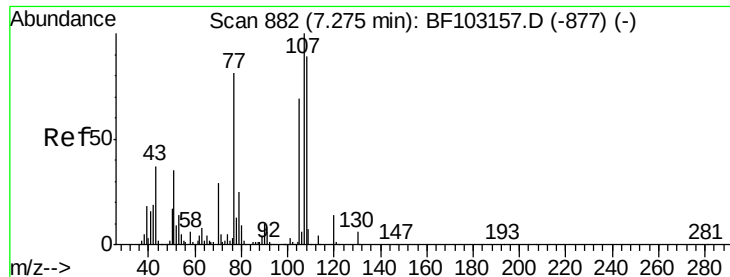


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





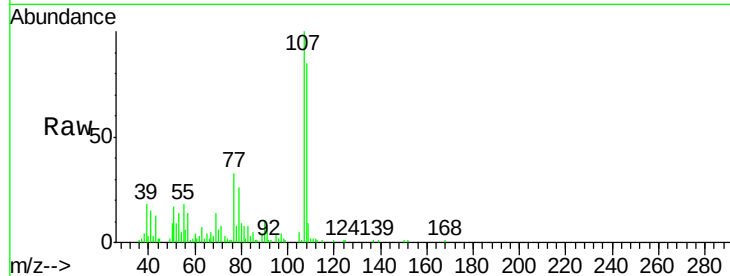
#20
3+4-Methylphenols
Concen: 14.431 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :
SLUDGE

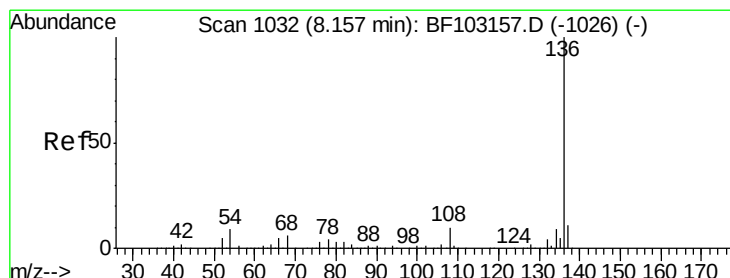
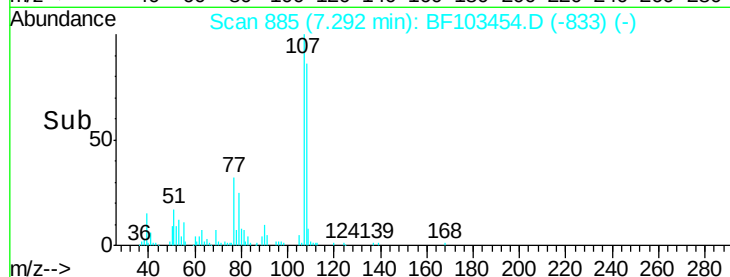
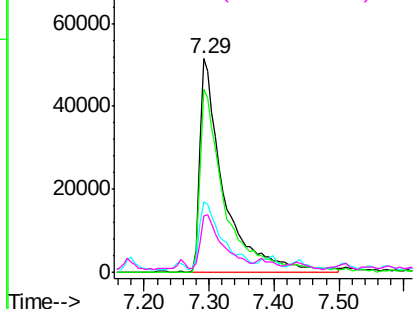
Tot Ion:	107	Resp:	131053
Ion Ratio	Lower	Upper	
107	100		
108	85.5	68.2	108.2
77	33.2	26.7	66.7
79	26.2	6.3	46.3

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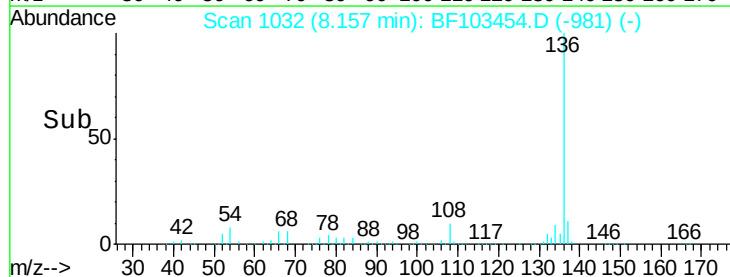
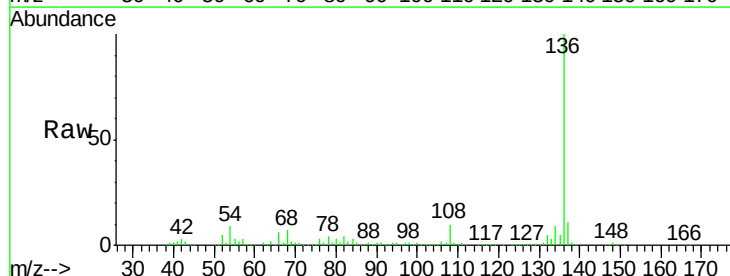
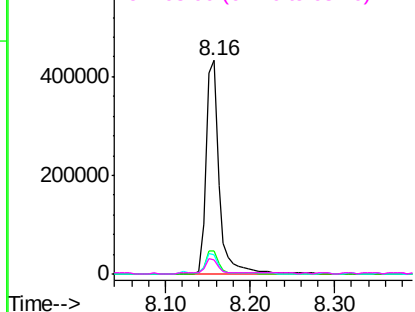
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

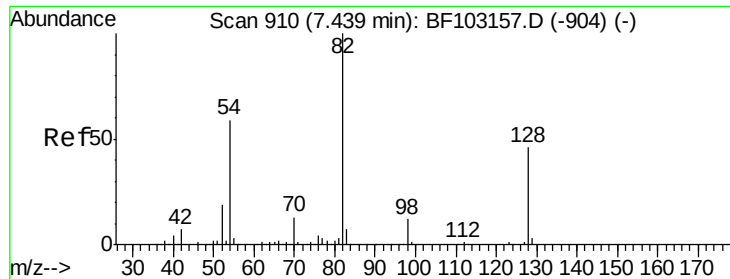


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Tgt Ion:	136	Resp:	471010
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	6.6	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





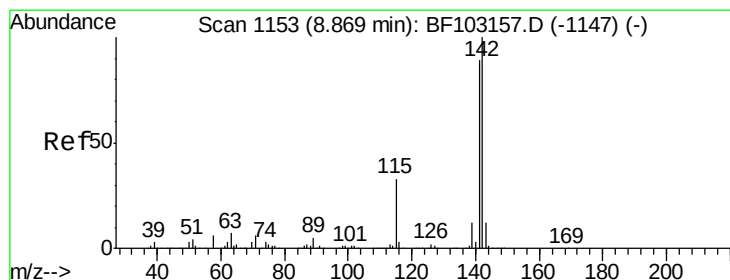
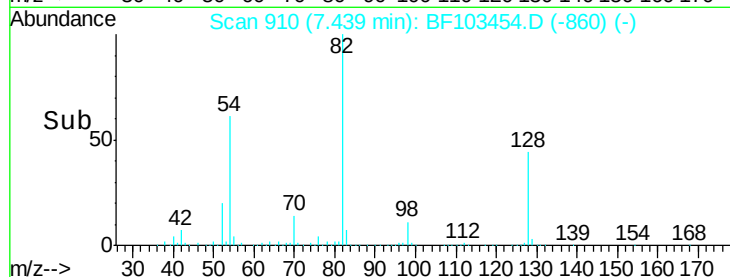
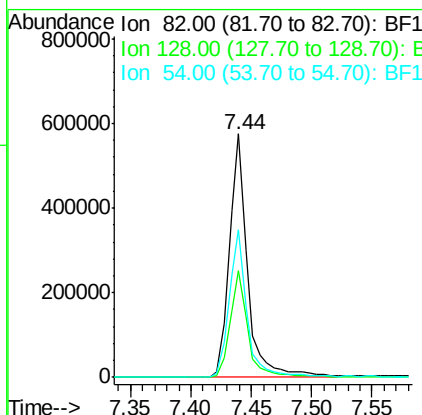
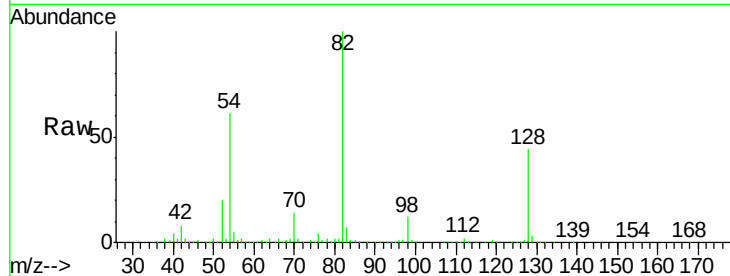
#23
 Nitrobenzene-d5
 Concen: 72.283 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103454.D
 Acq: 6 Mar 2018 14:30

Instrument :
 BNA_F
 ClientSampled :
 SLUDGE

Tot Ion	Ratio	Resp	Lower	Upper
82	100	596164		
128	43.6	36.1	54.1	
54	60.6	41.4	62.2	

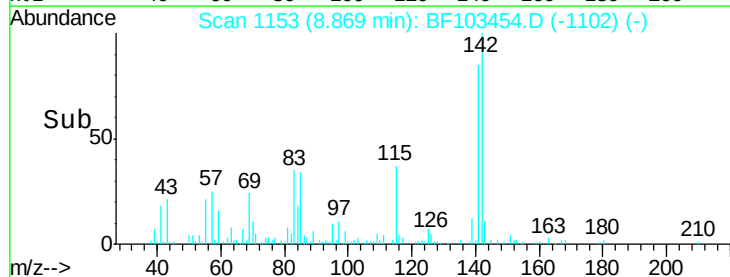
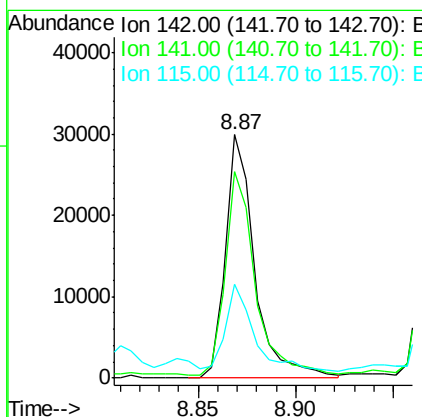
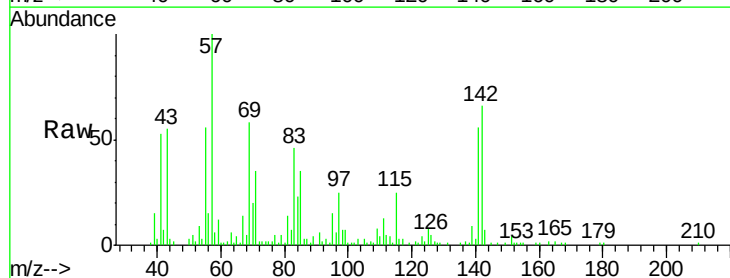
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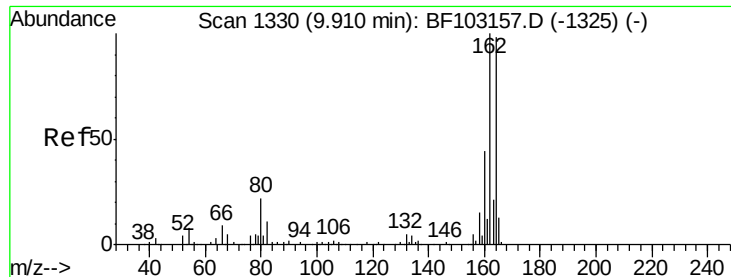
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#37
 2-Methylnaphthalene
 Concen: 2.088 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF103454.D
 Acq: 6 Mar 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	31111		
141	84.8	70.8	106.2	
115	38.4	26.1	39.1	





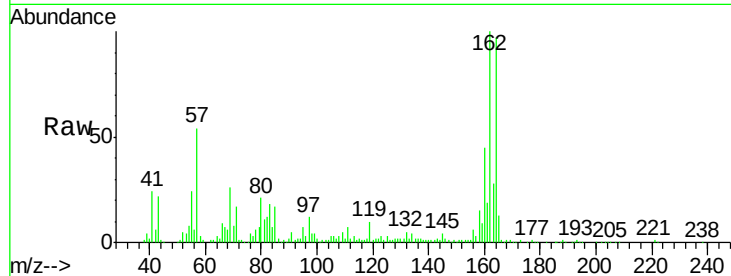
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Instrument :
BNA_F
ClientSampled :
SLUDGE

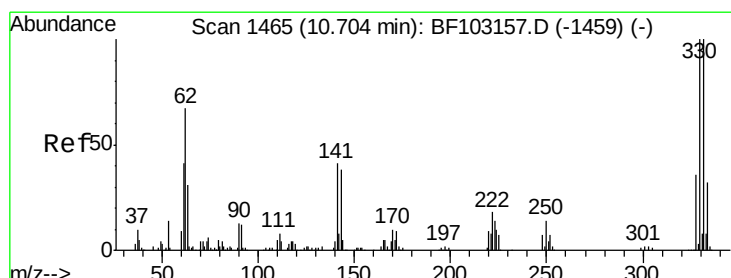
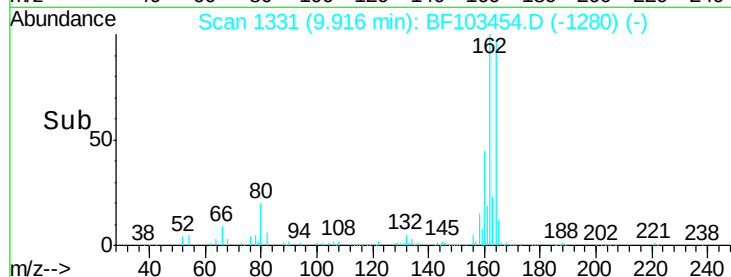
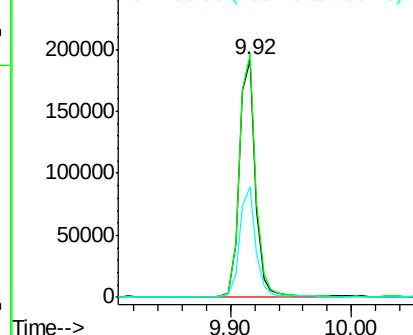
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.5	38.3	57.5

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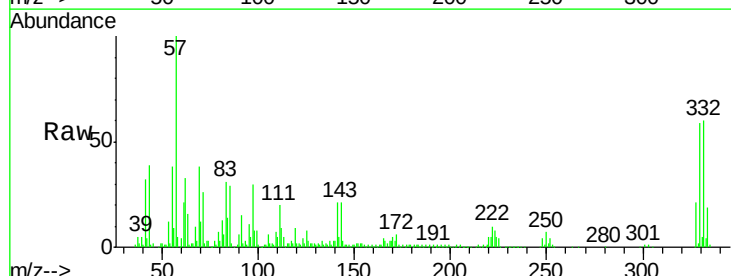


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

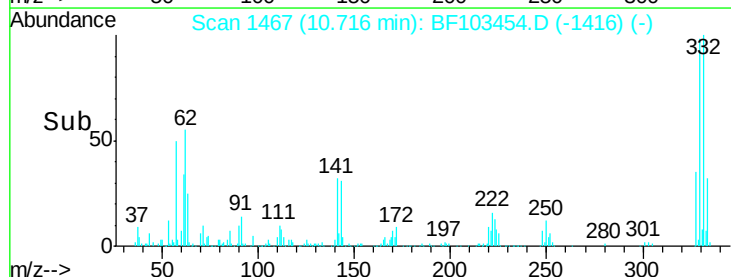
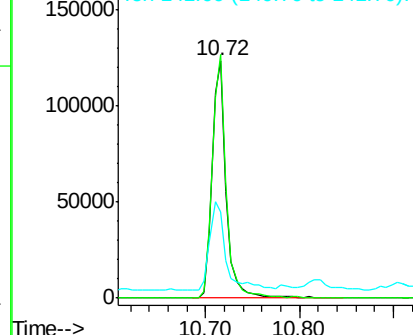


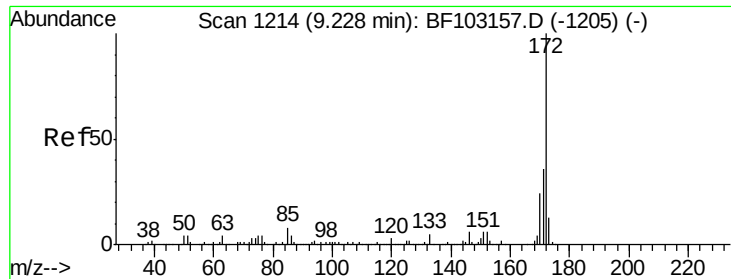
#41
2,4,6-Tribromophenol
Concen: 85.922 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.0	115.6
141	43.6	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





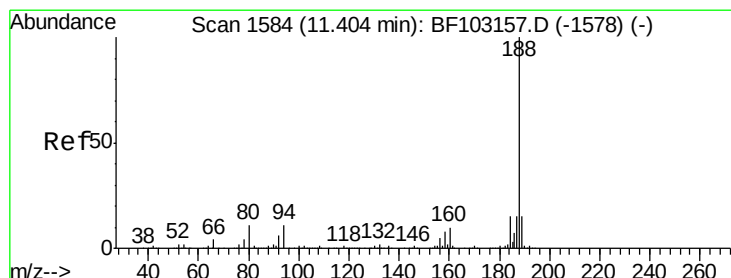
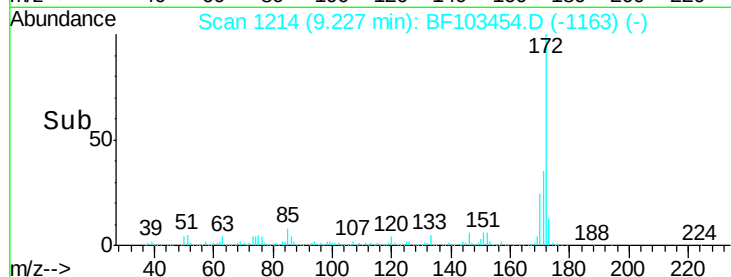
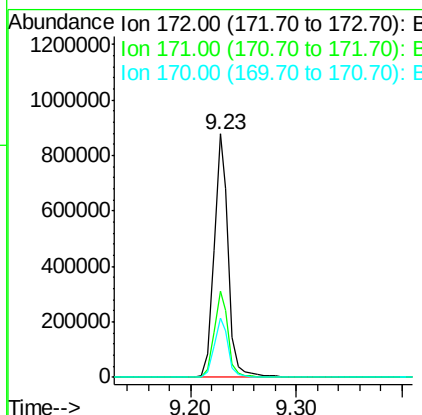
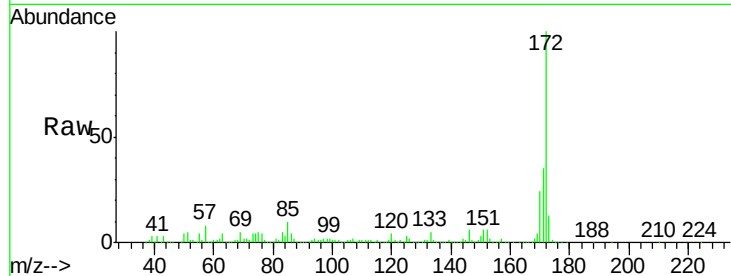
#44
2-Fluorobiphenyl
Concen: 79.296 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Instrument :
BNA_F
ClientSampled :
SLUDGE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.3	19.6	29.4

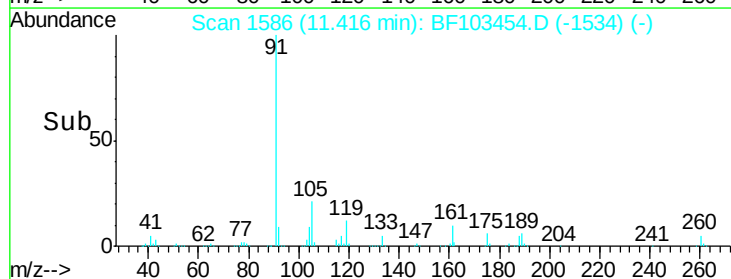
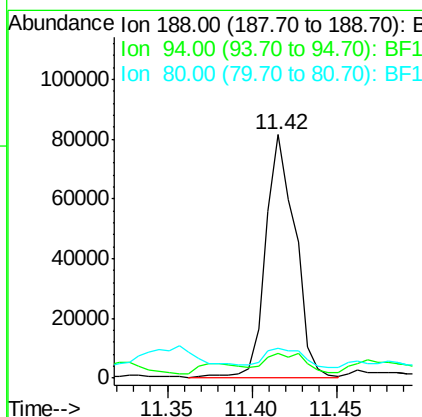
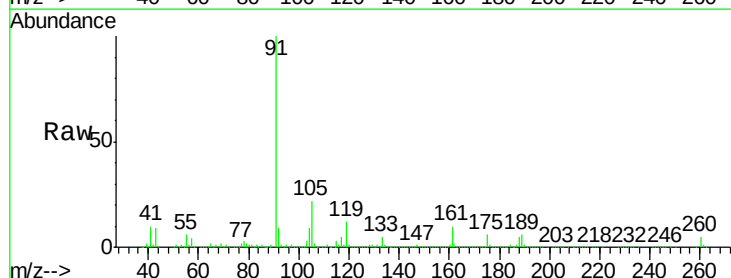
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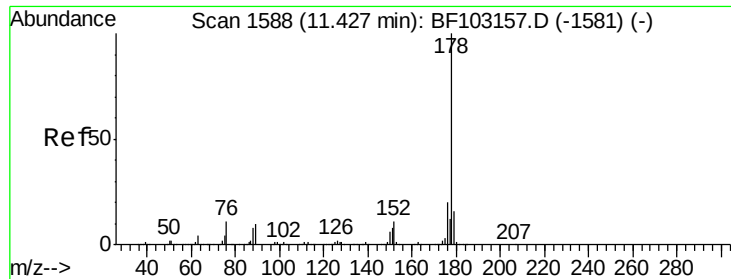
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	12.4	9.2	13.8





#70

Phenanthrene

Concen: 2.120 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Instrument :

BNA_F

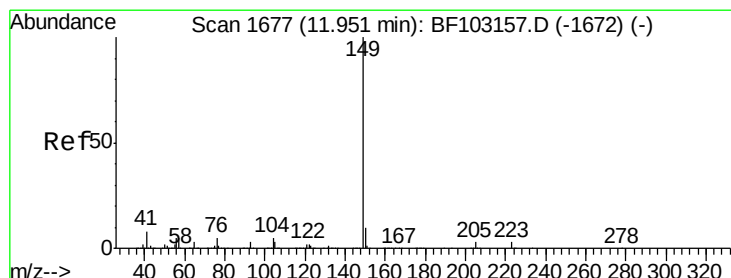
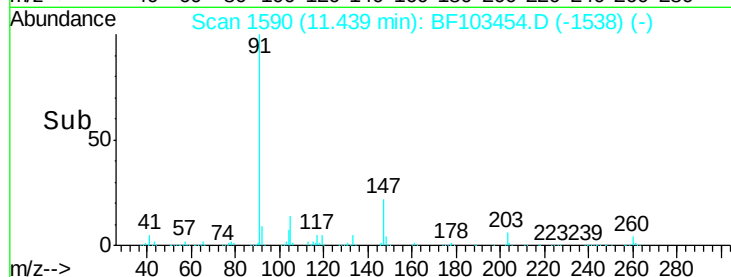
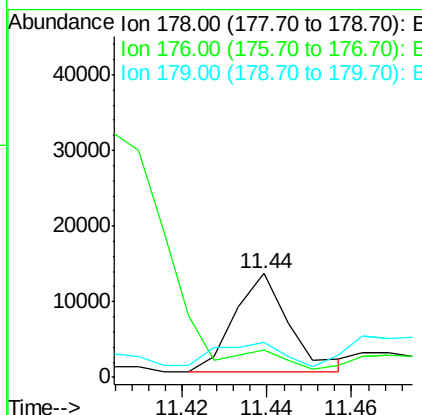
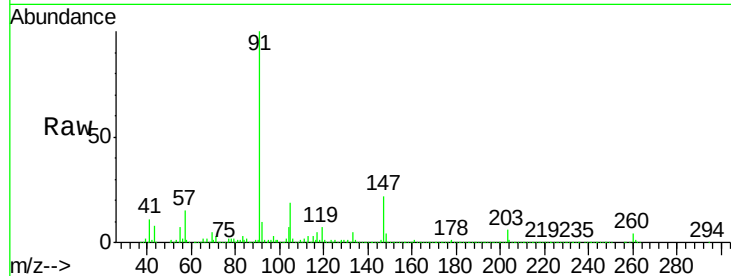
ClientSampled :

SLUDGE

Tot Ion:178	Resp:	11623
Ion Ratio	Lower	Upper
178	100	
176	25.9	15.8 23.8#
179	34.1	13.0 19.6#

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 55.679 ng

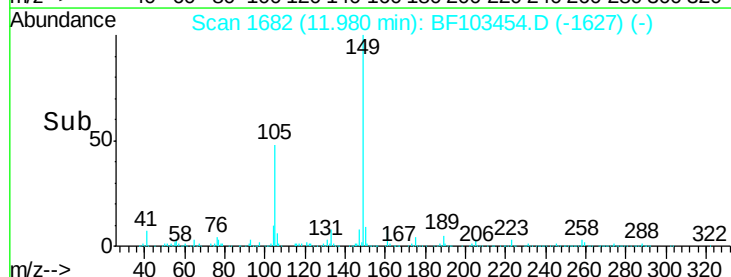
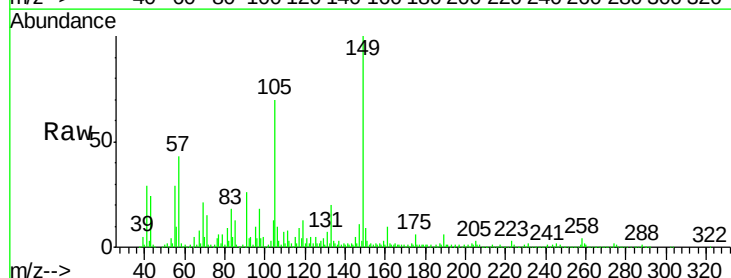
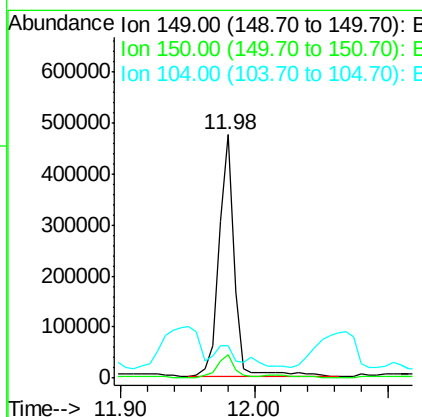
RT: 11.98 min Scan# 1682

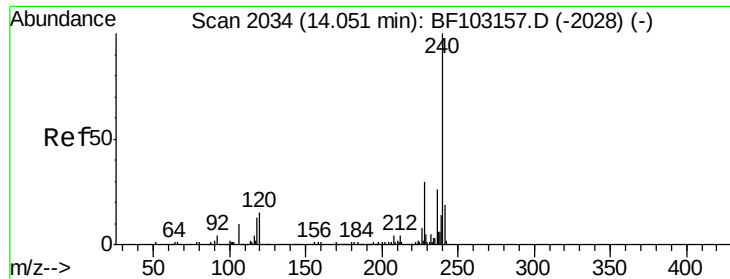
Delta R.T. 0.02 min

Lab File: BF103454.D

Acq: 6 Mar 2018 14:30

Tgt Ion:149	Resp:	389996
Ion Ratio	Lower	Upper
149	100	
150	9.4	7.8 11.6
104	13.2	3.8 5.8#





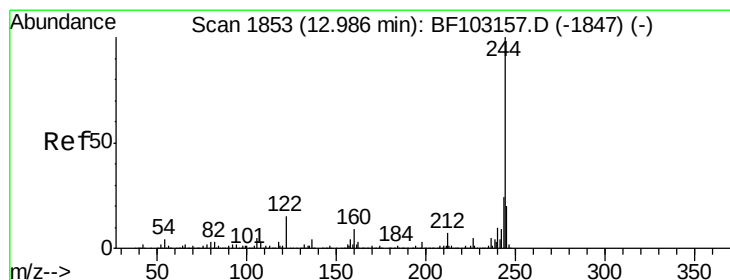
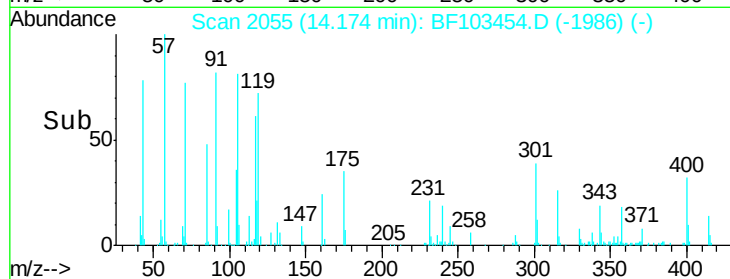
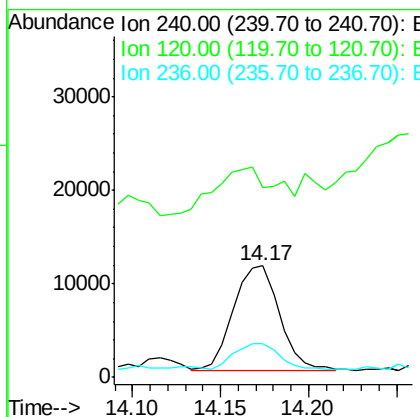
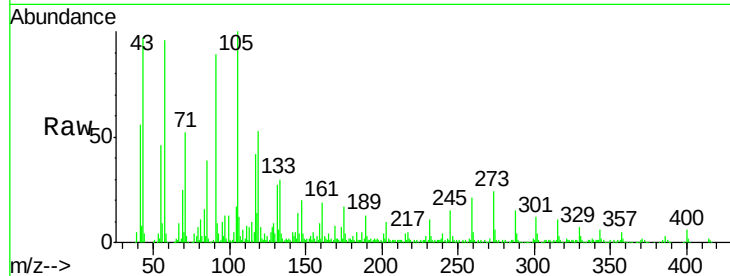
#75
 Chrysene-d12
 Concen: 20.000 ng/mL
 RT: 14.17 min Scan# 2055
 Delta R.T. 0.11 min
 Lab File: BF103454.D
 Acq: 6 Mar 2018 14:30

Instrument :
 BNA_F
 ClientSampled :
 SLUDGE

Tot Ion	Ratio	Lower	Upper
240	100		
120	169.7	9.5	14.3#
236	29.9	20.7	31.1

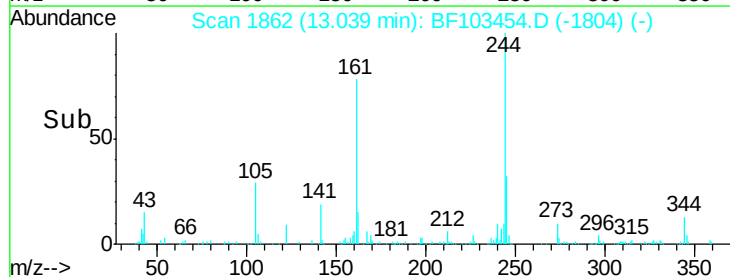
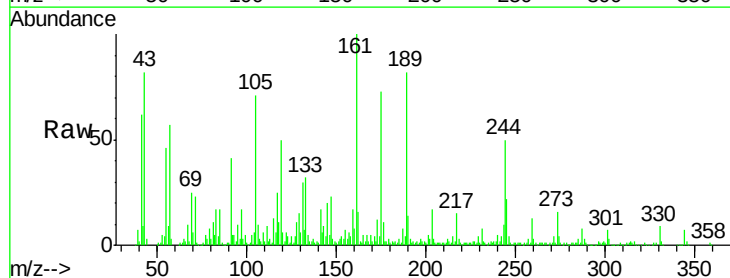
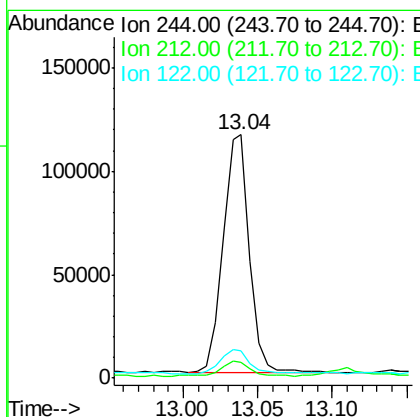
Manual Integrations
 APPROVED

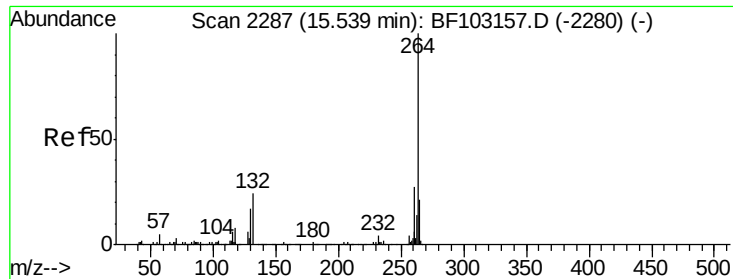
Sohil
 3/7/2018 12:15:01 PM



#78
 Terphenyl-d14
 Concen: 170.217 ng/mL
 RT: 13.04 min Scan# 1862
 Delta R.T. 0.04 min
 Lab File: BF103454.D
 Acq: 6 Mar 2018 14:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.0	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng/ml
RT: 15.75 min Scan# 2323
Delta R.T. 0.18 min
Lab File: BF103454.D
Acq: 6 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tot Ion	Ratio	Lower	Upper
264	100		
260	31.4	19.2	28.8
265	25.9	17.5	26.3

Manual Integrations
APPROVED

Sohil
3/7/2018 12:15:01 PM

