

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109605.D
 Acq On : 4 Oct 2018 23:22
 Operator : JU/SJ
 Sample : J5237-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSS-GW1

Manual Integrations
 APPROVED

Sohil
 10/5/2018 11:56:33 AM

Quant Time: Oct 05 02:27:39 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	84285	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	320847	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	132902	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	201975	20.00	ng	0.00
75) Chrysene-d12	13.84	240	194800	20.00	ng	0.00
86) Perylene-d12	15.24	264	198984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	285306	55.75	ng	0.01
7) Phenol-d6	6.35	99	235064	36.00	ng	0.00
23) Nitrobenzene-d5	7.27	82	451962	83.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	133720	102.07	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	784818	89.06	ng	-0.02
78) Terphenyl-d14	12.79	244	555395	69.97	ng	-0.01
Target Compounds						
35) Caprolactam	8.39	113	25891m	18.099	ng	Qvalue 100
49) Dimethylphthalate	9.45	163	170397	17.628	ng	

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

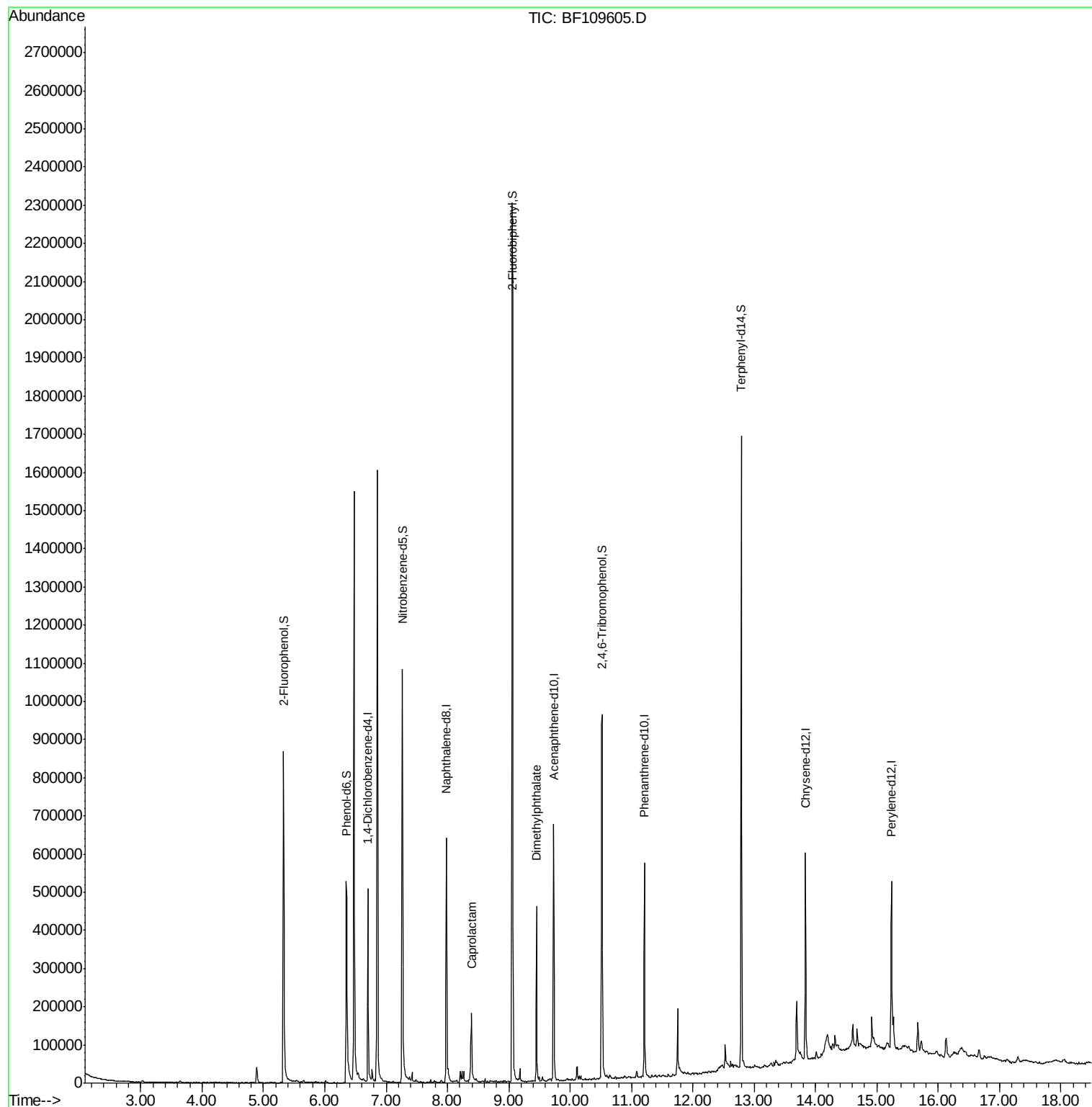
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109605.D
Acq On : 4 Oct 2018 23:22
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Sample : J5237-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

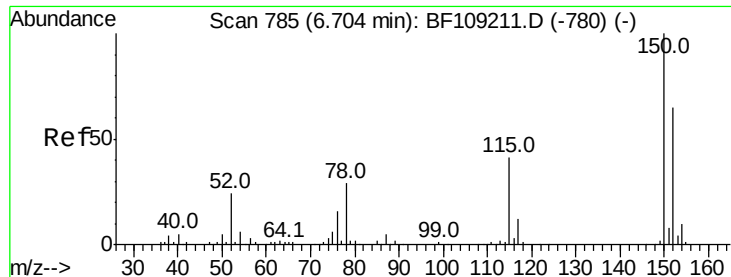
Instrument :
BNA_F
ClientSampleId :
BSS-GW1

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#1

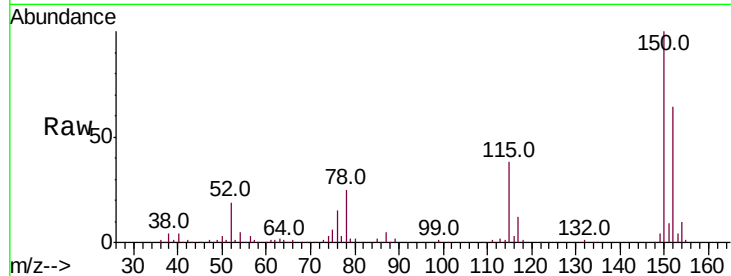
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	58.8	50.1	75.1

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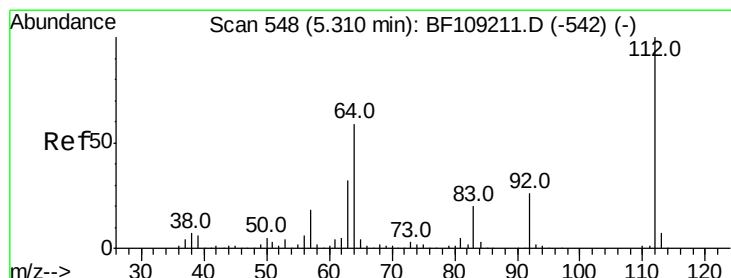
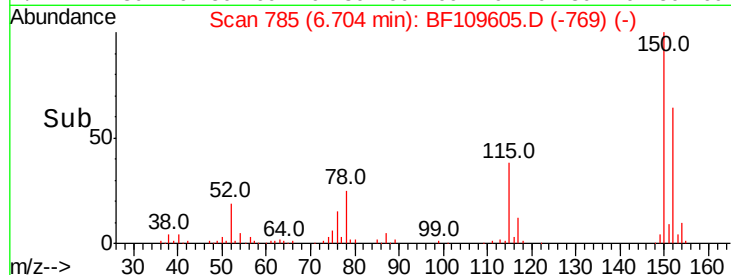
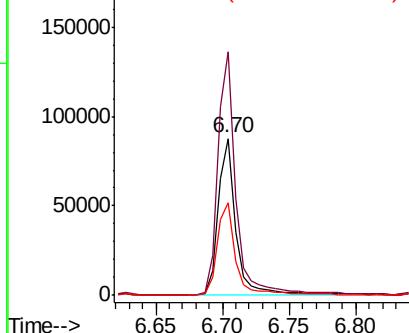


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

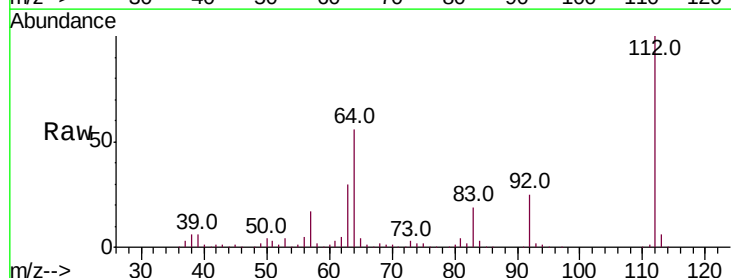
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.754 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	29.5	23.7	35.5

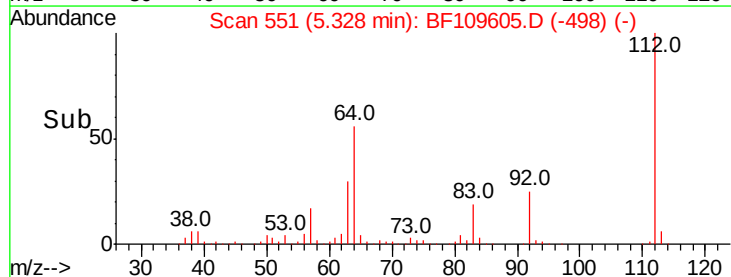
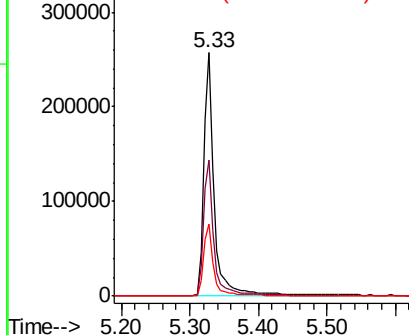


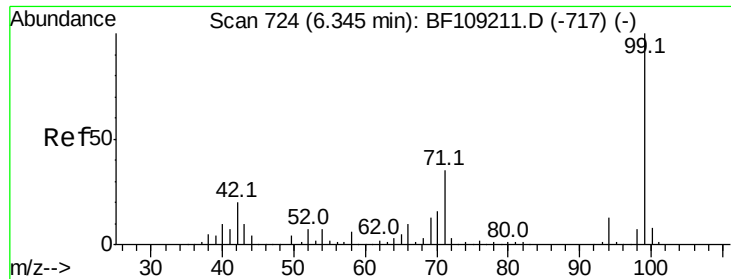
Abundance

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: 35.999 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109605.D

Acq: 4 Oct 2018 23:22

Instrument :

BNA_F

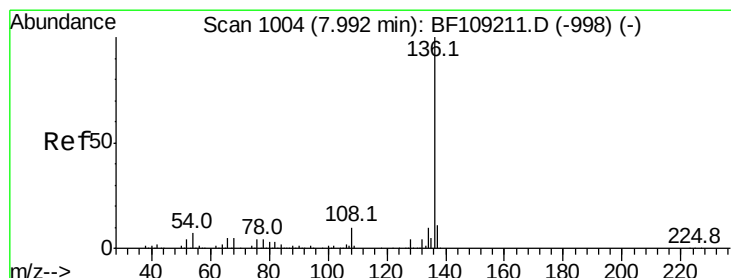
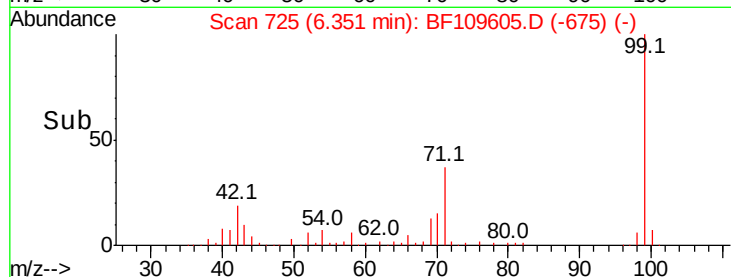
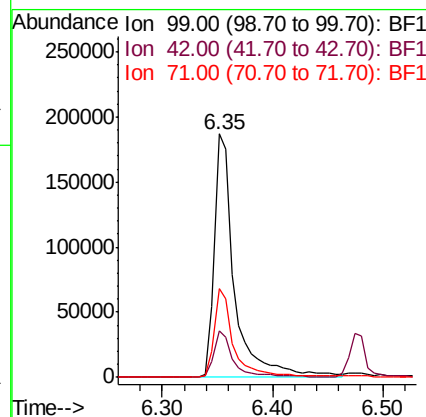
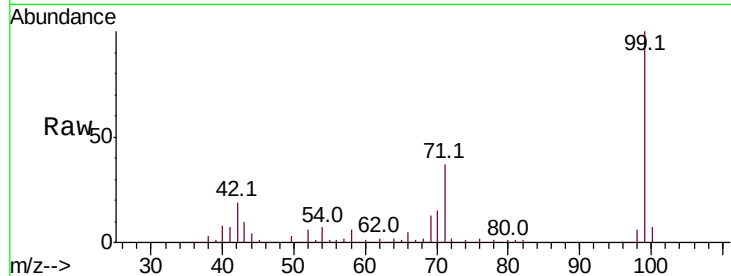
ClientSampled :

BSS-GW1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		235064		
42	19.1	14.5	21.7		
71	36.7	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

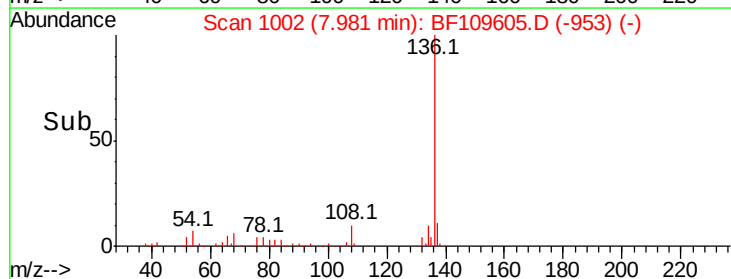
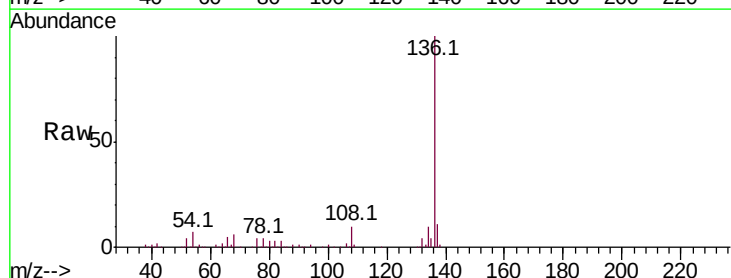
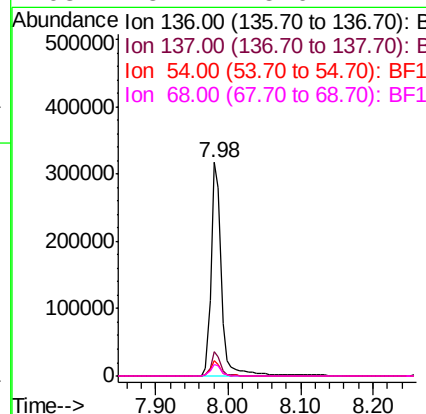
RT: 7.98 min Scan# 1002

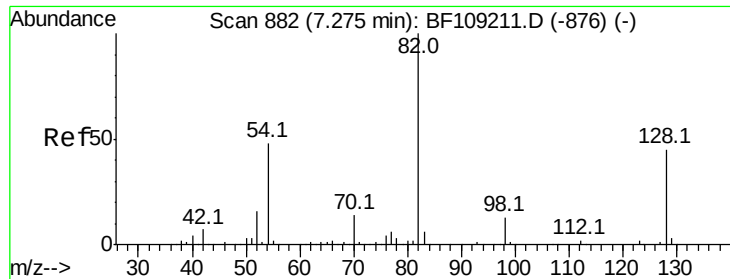
Delta R.T. -0.01 min

Lab File: BF109605.D

Acq: 4 Oct 2018 23:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		320847		
137	11.4	8.9	13.3		
54	7.4	6.6	9.8		
68	5.7	5.0	7.4		





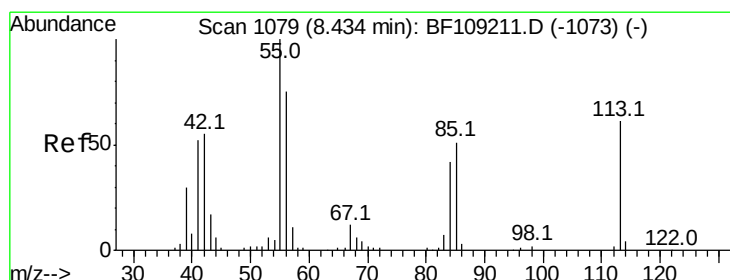
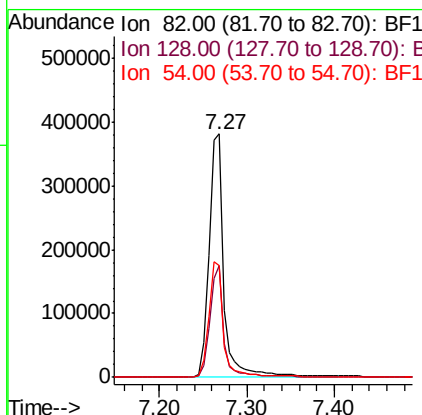
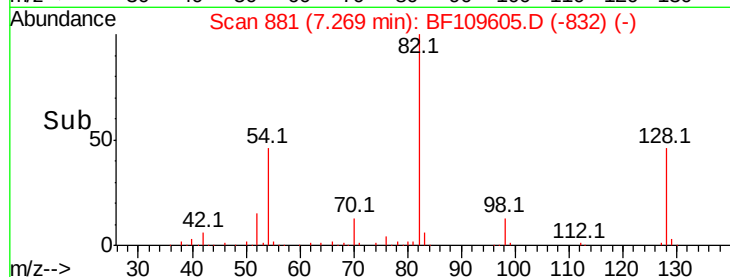
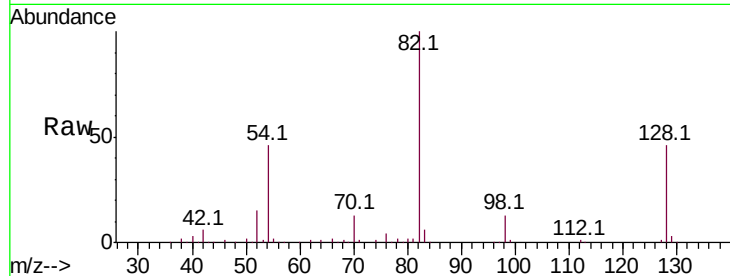
#23
Nitrobenzene-d5
Concen: 83.155 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampled :
BSS-GW1

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	46.1	41.4	62.2

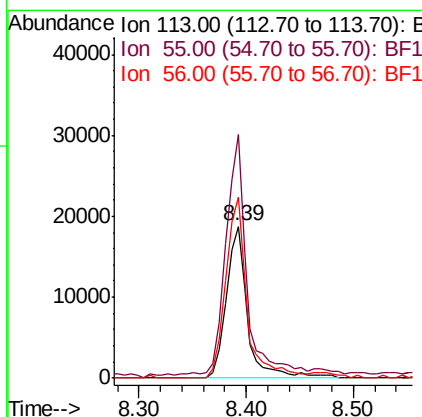
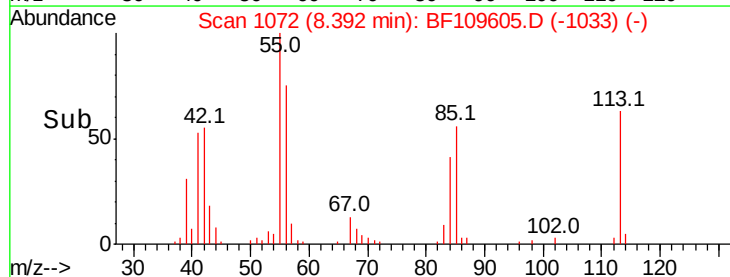
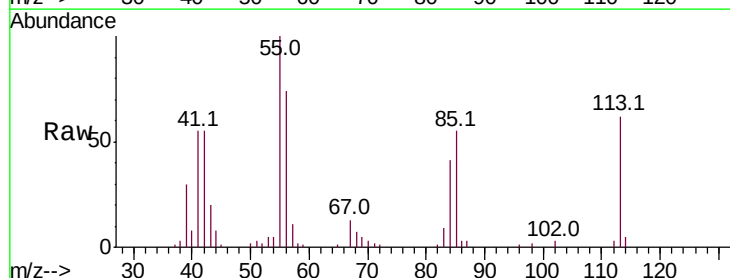
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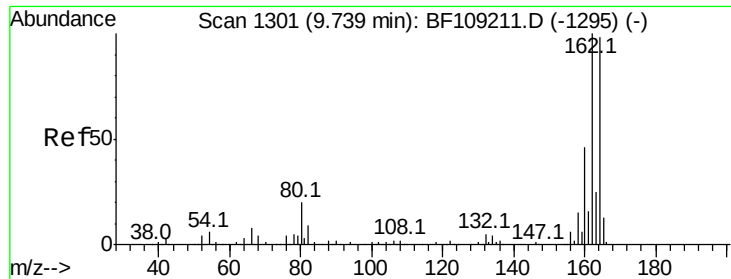
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#35
Caprolactam
Concen: 18.099 ng m
RT: 8.39 min Scan# 1072
Delta R.T. -0.07 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
113	100		
55	160.8	163.3	203.3#
56	119.1	115.7	155.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109605.D

Acq: 4 Oct 2018 23:22

Instrument :

BNA_F

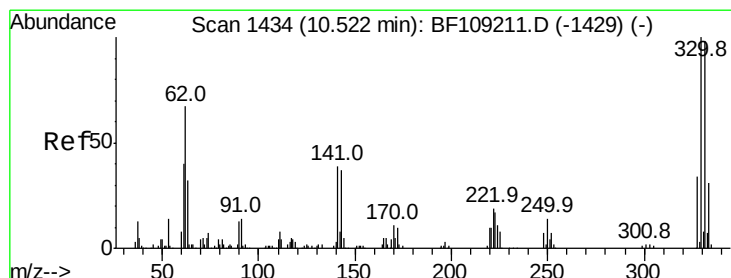
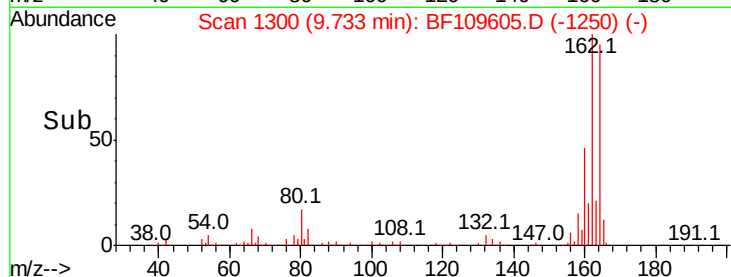
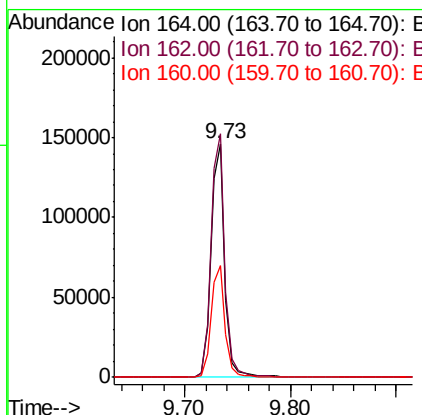
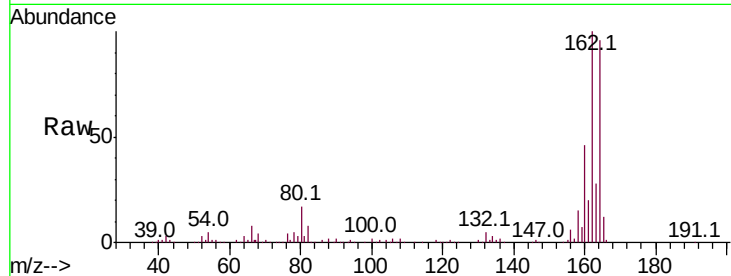
ClientSampleId :

BSS-GW1

Tot Ion:	164	Resp:	132902
Ion Ratio	Lower	Upper	
164	100		
162	104.2	86.1	129.1
160	48.1	38.3	57.5

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#41

2,4,6-Tribromophenol

Concen: 102.066 ng

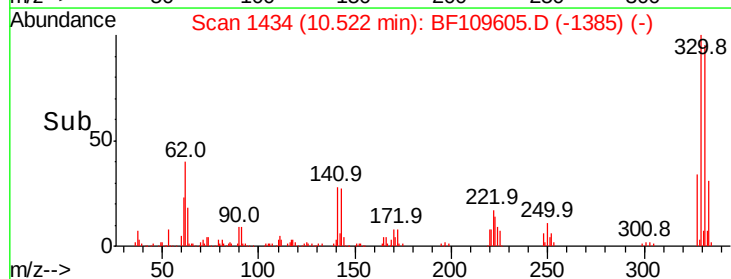
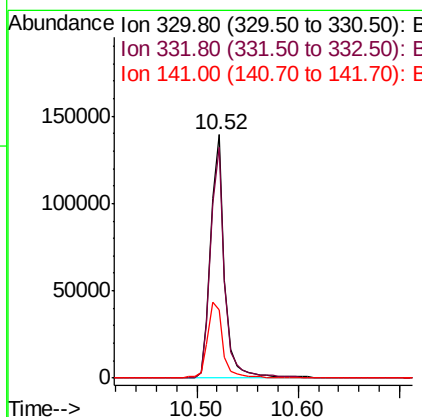
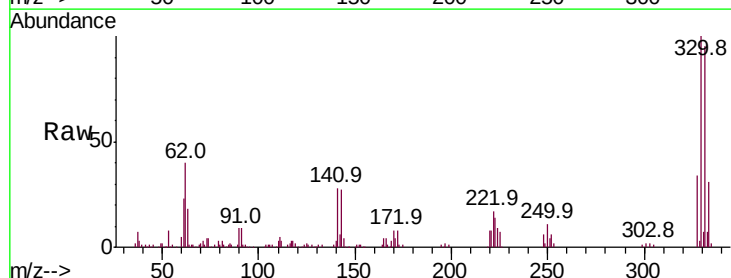
RT: 10.52 min Scan# 1434

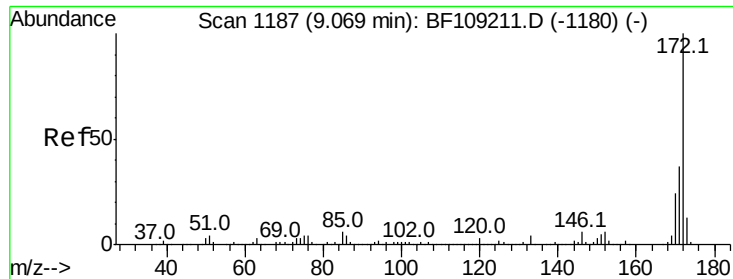
Delta R.T. -0.01 min

Lab File: BF109605.D

Acq: 4 Oct 2018 23:22

Tgt Ion:	330	Resp:	133720
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	34.4	29.9	44.9





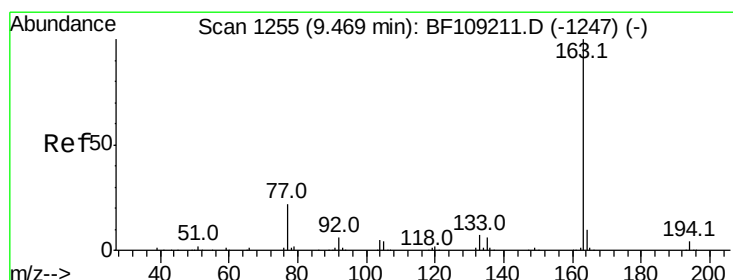
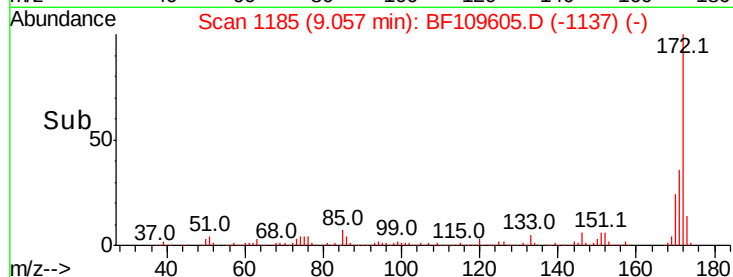
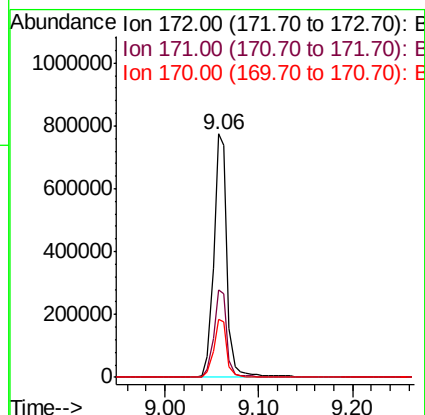
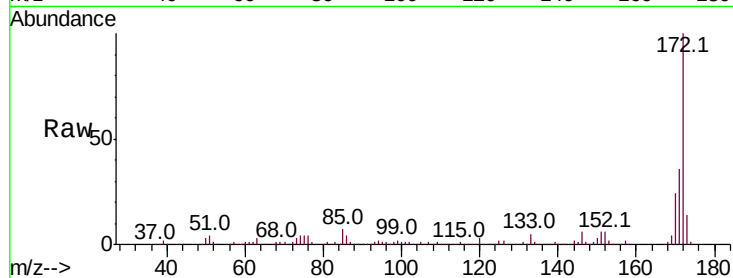
#44
2-Fluorobiphenyl
Concen: 89.062 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0		29.7	44.5
170	23.9		19.6	29.4

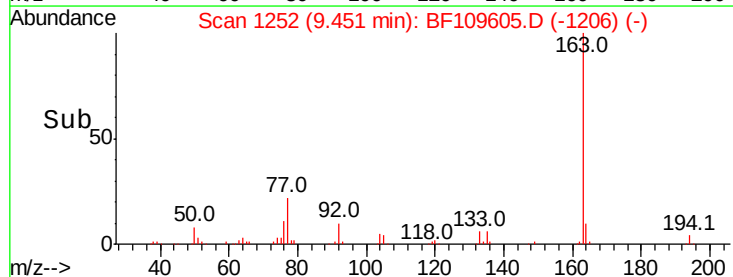
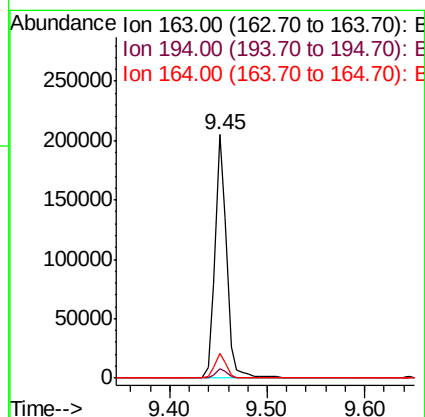
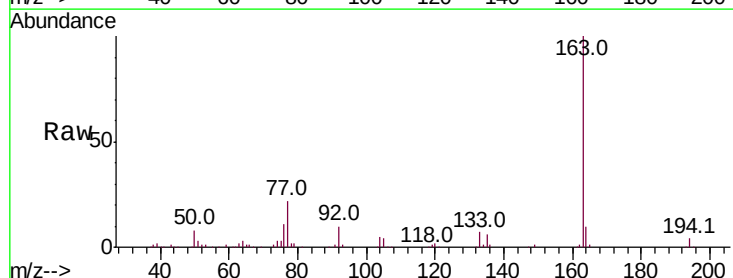
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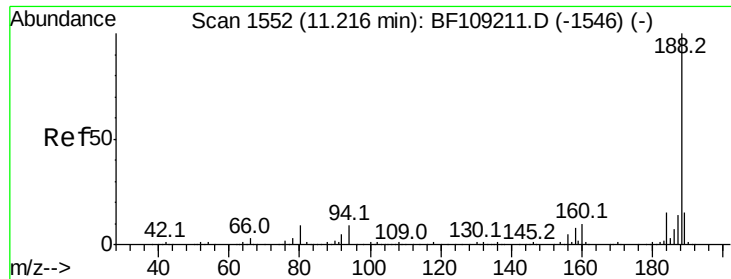
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#49
Dimethylphthalate
Concen: 17.628 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7		2.7	4.1
164	10.2		8.2	12.2





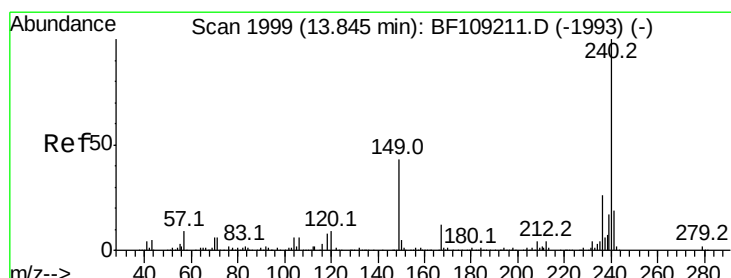
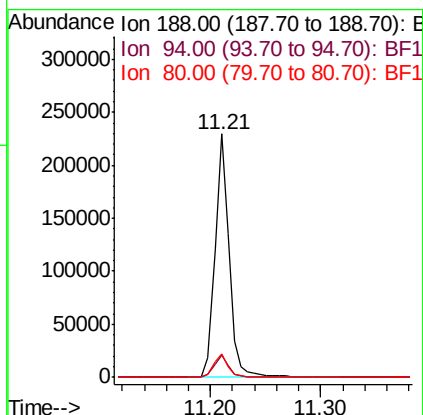
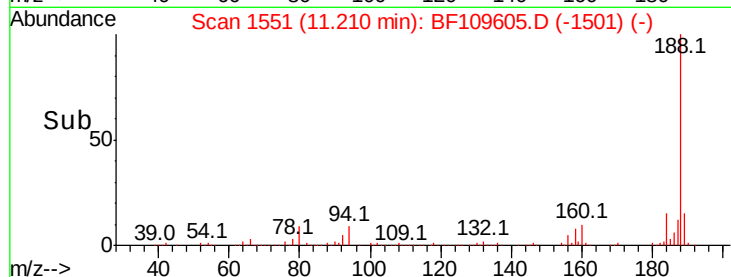
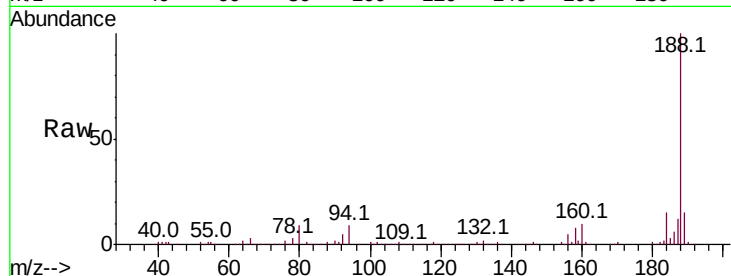
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.4	9.2	13.8

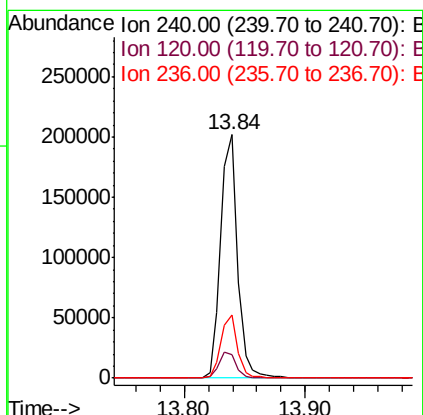
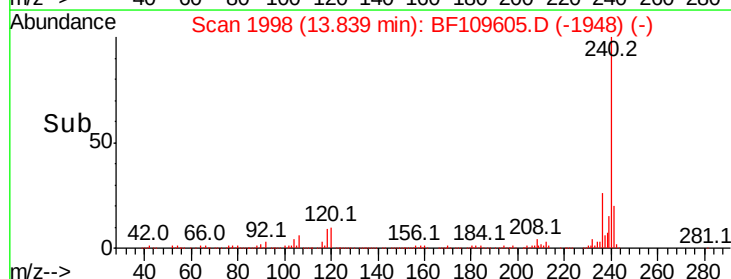
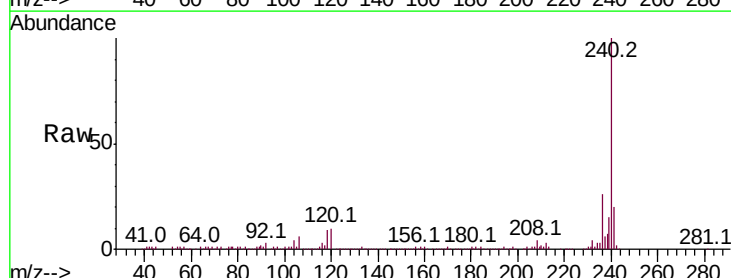
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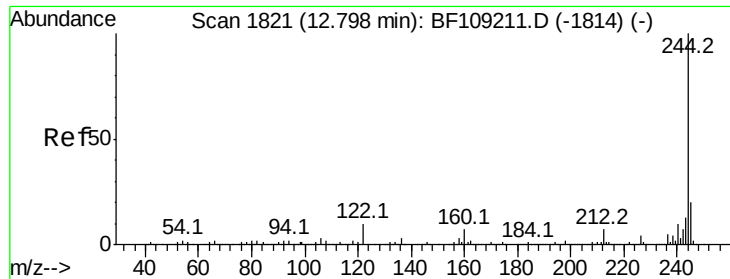
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.5	9.5	14.3
236	25.7	20.7	31.1





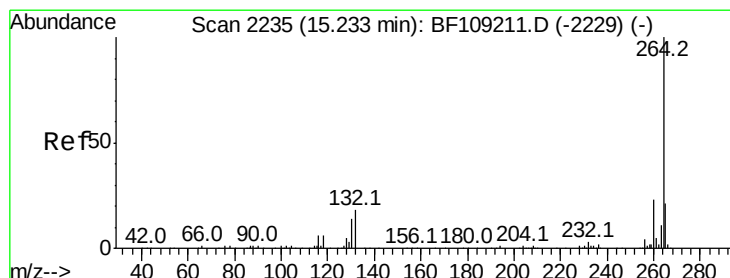
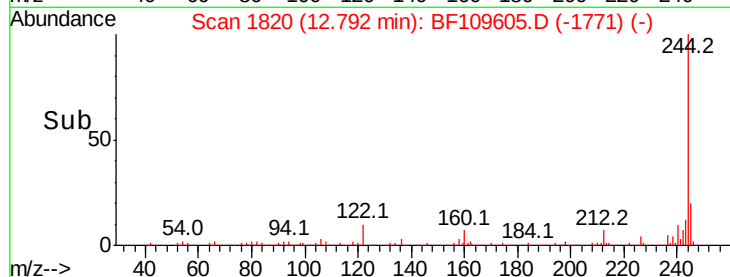
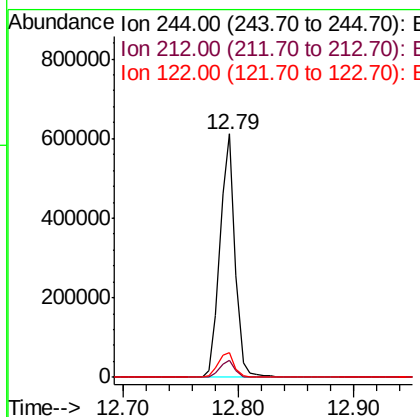
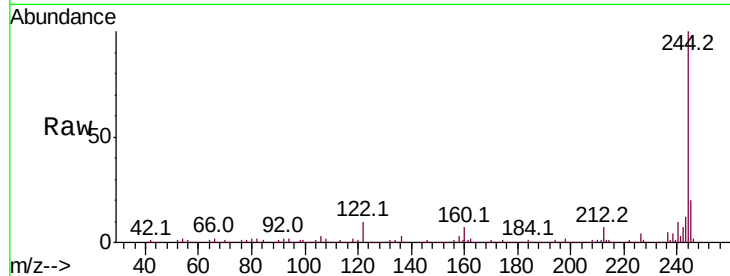
#78
 Terphenyl-d14
 Concen: 69.971 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109605.D
 Acq: 4 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 BSS-GW1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.4	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109605.D
 Acq: 4 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.3	17.5	26.3

