

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036889.D
 Acq On : 22 Sep 2018 11:37
 Operator : JU/SJ
 Sample : J4993-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NS-SLUDGE

Manual Integrations
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Sohil
 9/24/2018 9:29:58 AM

Quant Time: Sep 24 04:12:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36207	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	158327	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	109037	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	283276	20.00	ng	0.00
75) Chrysene-d12	21.69	240	302550	20.00	ng	0.00
86) Perylene-d12	24.89	264	318769	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	193987	102.75	ng	0.00
7) Phenol-d6	7.20	99	267039	91.42	ng	-0.01
23) Nitrobenzene-d5	9.21	82	252436	85.38	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	149356	114.49	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	592269	80.90	ng	0.00
78) Terphenyl-d14	20.03	244	1058793	92.02	ng	0.00
Target Compounds						
10) Phenol	7.23	94	12001	3.981	ng	Qvalue # 75
20) 3+4-Methylphenols	8.82	107	10562m	3.616	ng	

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

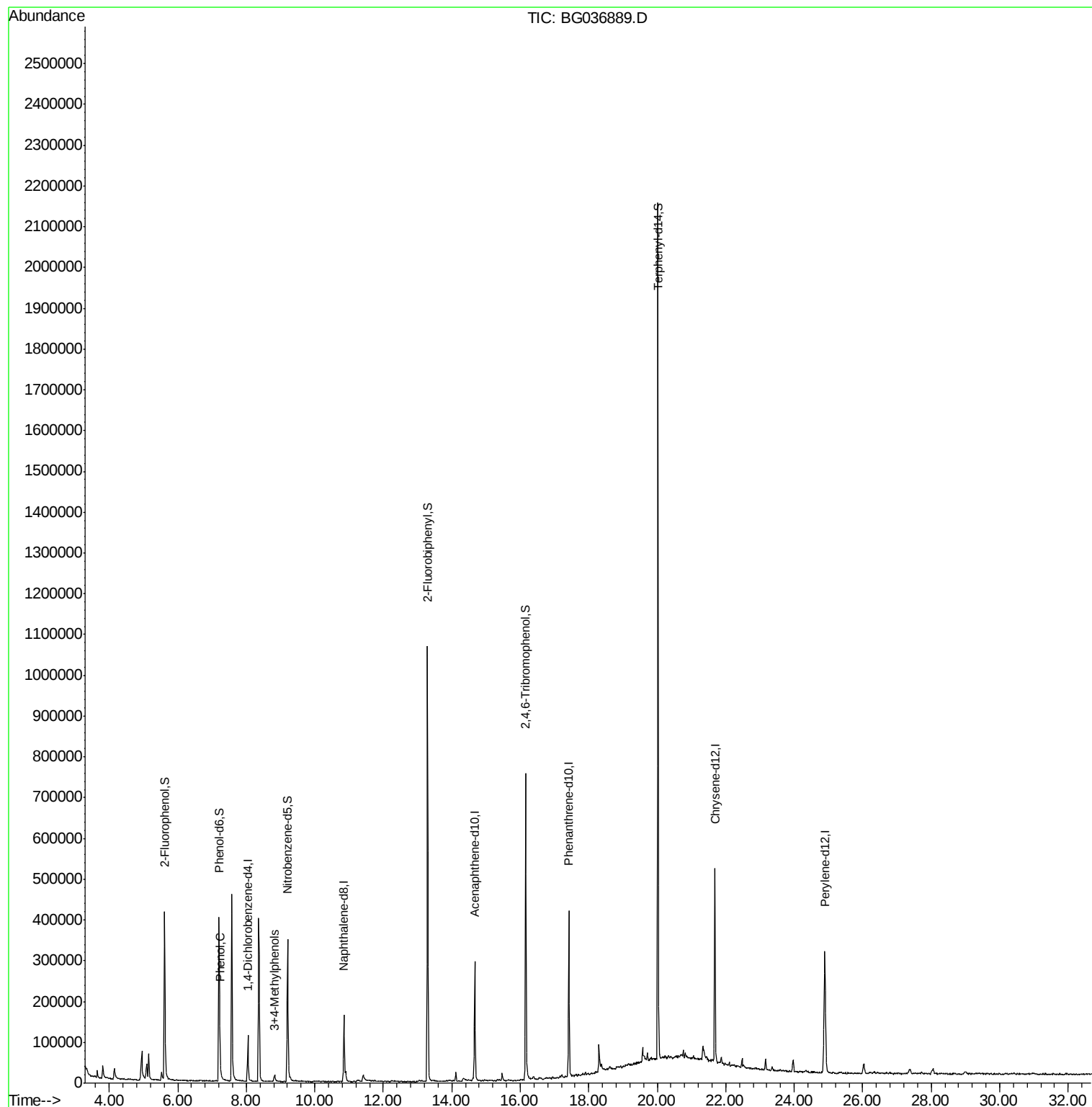
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036889.D
Acq On : 22 Sep 2018 11:37
Operator : JU/SJ
Sample : J4993-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

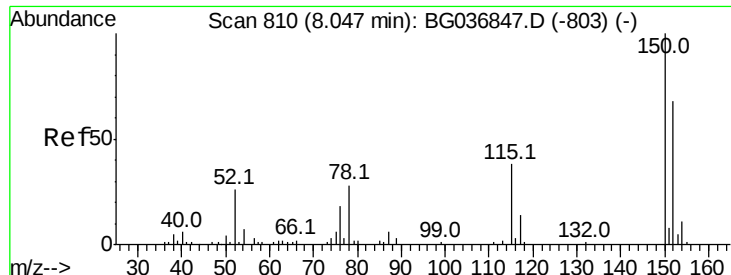
Instrument :
BNA_G
ClientSampleId :
NS-SLUDGE

Quant Time: Sep 24 04:12:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

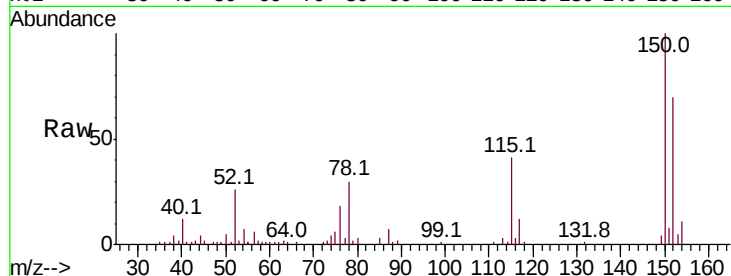
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036889.D
Acq: 22 Sep 2018 11:37

Instrument :
BNA_G
ClientSampleId :
NS-SLUDGE

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.1	119.5	179.3
115	57.8	44.5	66.7

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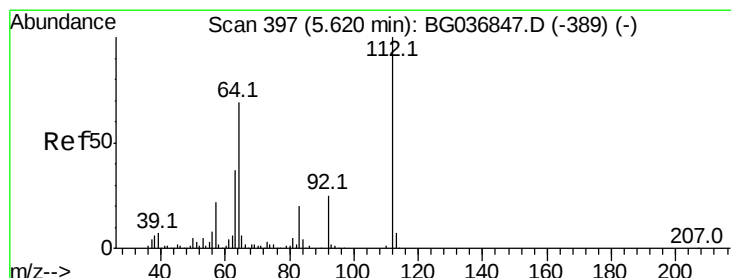
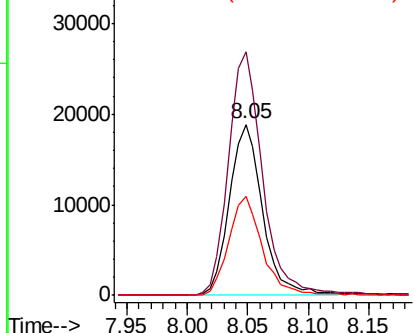
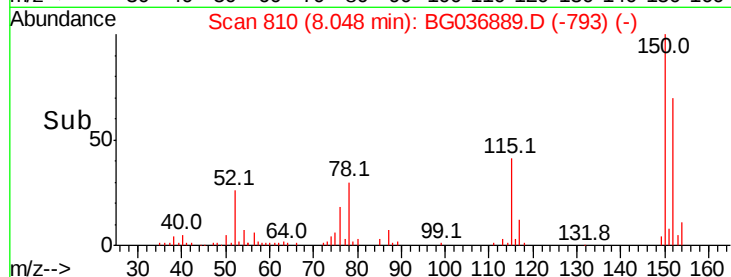


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

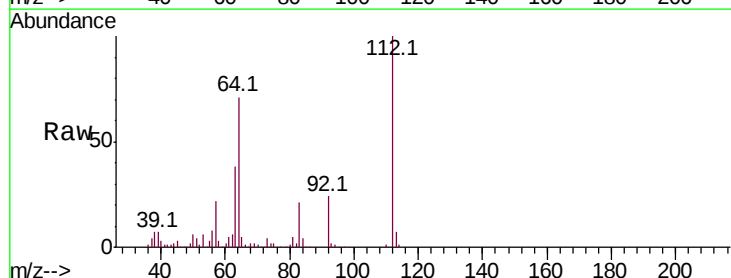
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.749 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036889.D
Acq: 22 Sep 2018 11:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	57.2	85.8
63	37.7	30.8	46.2

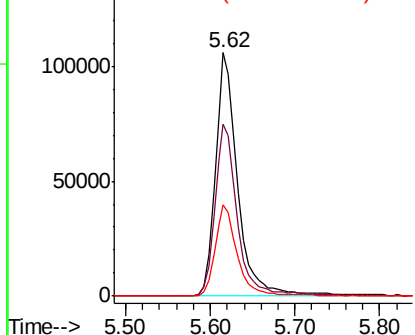
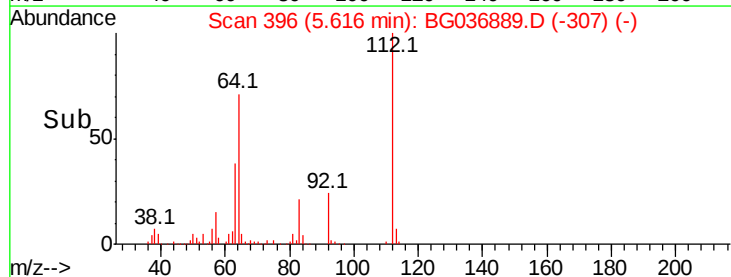


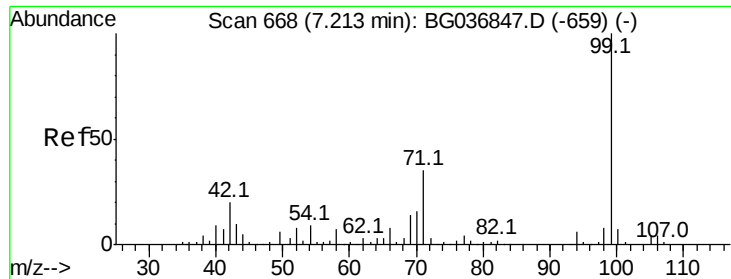
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 91.420 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036889.D

Acq: 22 Sep 2018 11:37

Instrument :

BNA_G

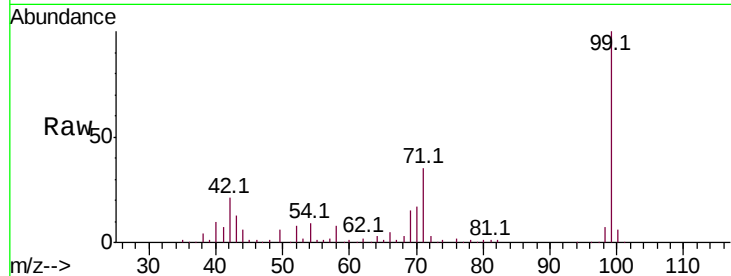
ClientSampleId :

NS-SLUDGE

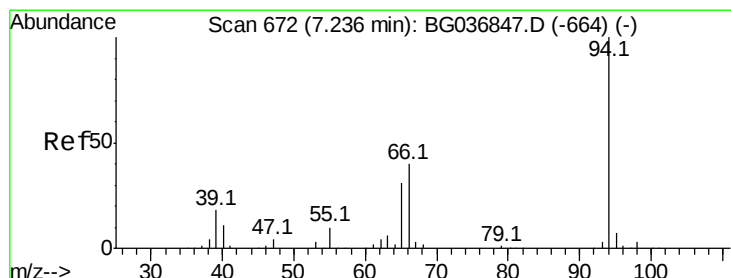
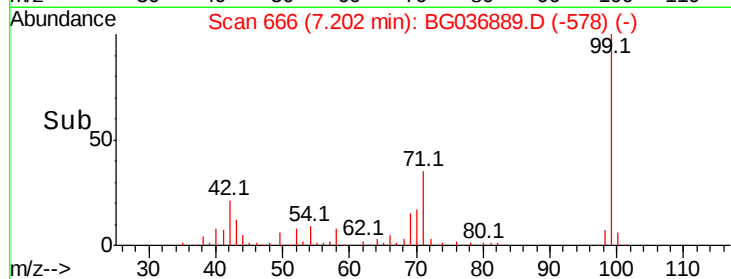
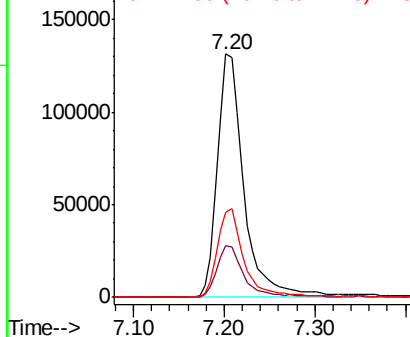
Tot Ion:	99	Resp:	267039
Ion Ratio	Lower	Upper	
99	100		
42	21.1	16.5	24.7
71	34.9	29.4	44.2

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



#10

Phenol

Concen: 3.981 ng

RT: 7.23 min Scan# 671

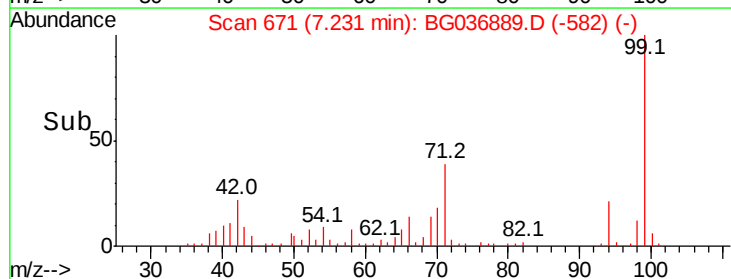
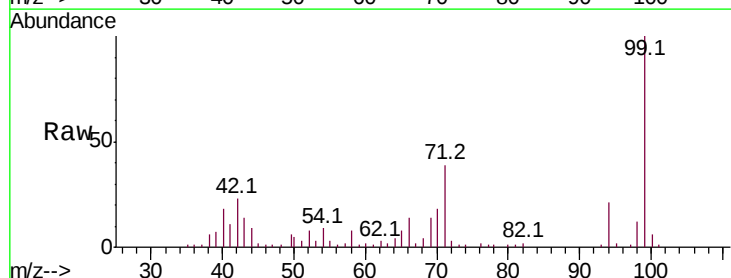
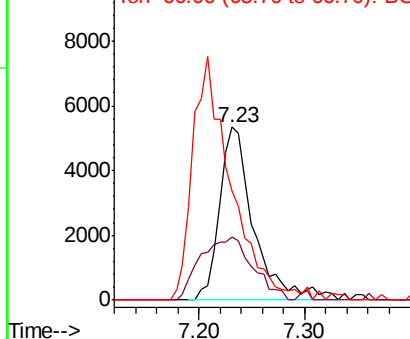
Delta R.T. -0.00 min

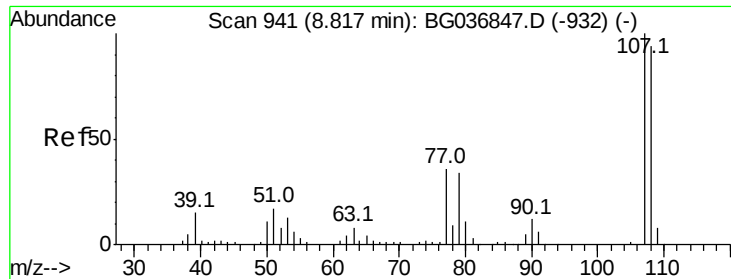
Lab File: BG036889.D

Acq: 22 Sep 2018 11:37

Tgt Ion:	94	Resp:	12001
Ion Ratio	Lower	Upper	
94	100		
65	36.2	11.5	51.5
66	63.0	19.5	59.5#

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





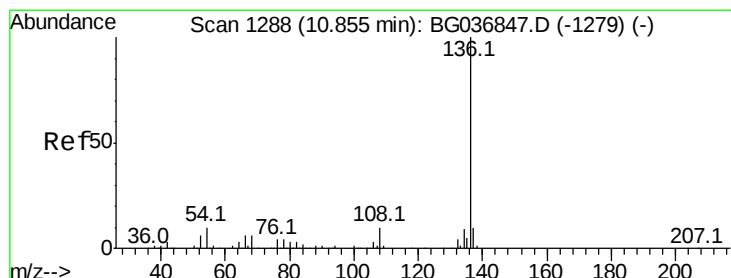
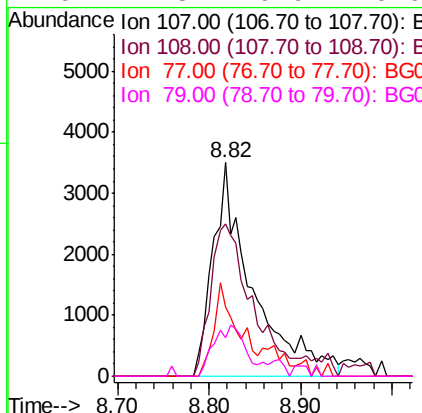
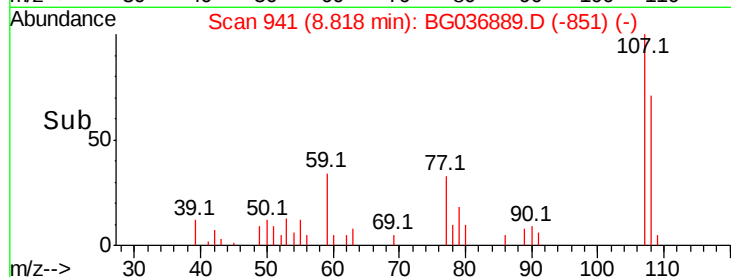
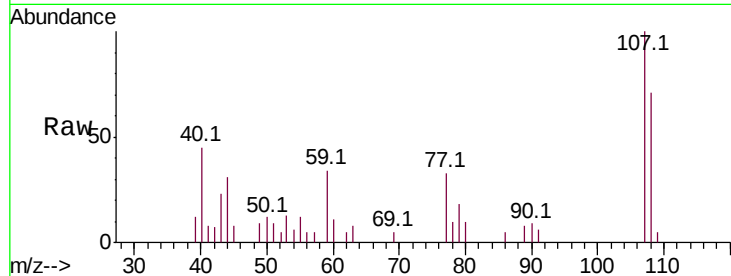
#20
3+4-Methylphenols
Concen: 3.616 ng m
RT: 8.82 min Scan# 941
Delta R.T. 0.00 min
Lab File: BG036889.D
Acq: 22 Sep 2018 11:37

Instrument :
BNA_G
ClientSampleId :
NS-SLUDGE

Tot Ion	107	Resp:	10562
Ion Ratio	Lower	Upper	
107	100		
108	71.2	68.0	108.0
77	32.6	15.6	55.6
79	17.8	9.9	49.9

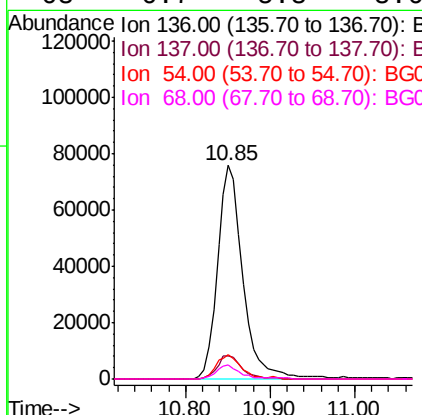
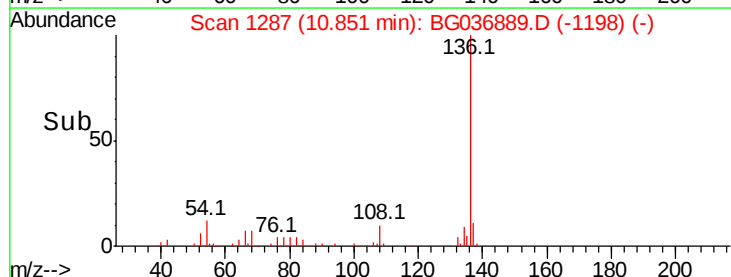
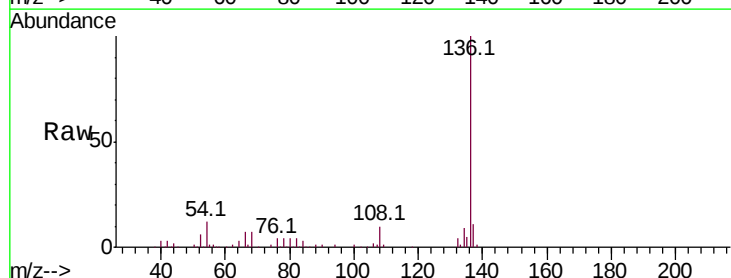
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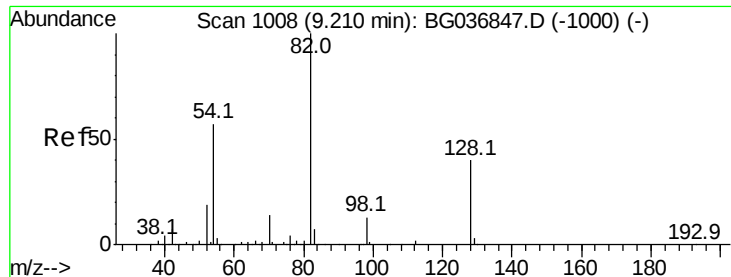
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036889.D
Acq: 22 Sep 2018 11:37

Tgt Ion	136	Resp:	158327
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	11.5	9.2	13.8
68	6.7	5.8	8.6





#23

Nitrobenzene-d5

Concen: 85.382 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BG036889.D

Acq: 22 Sep 2018 11:37

Instrument :

BNA_G

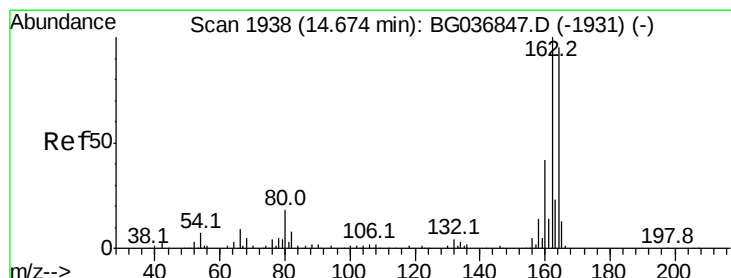
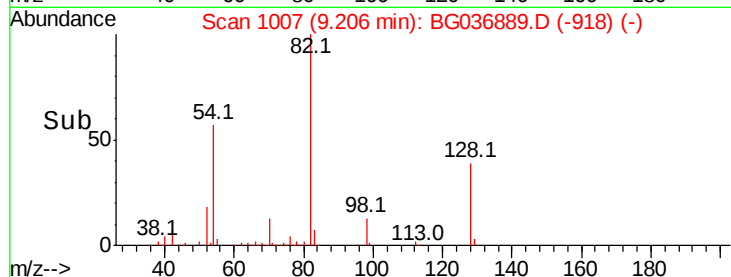
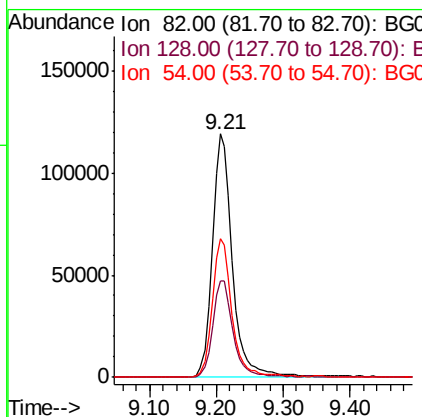
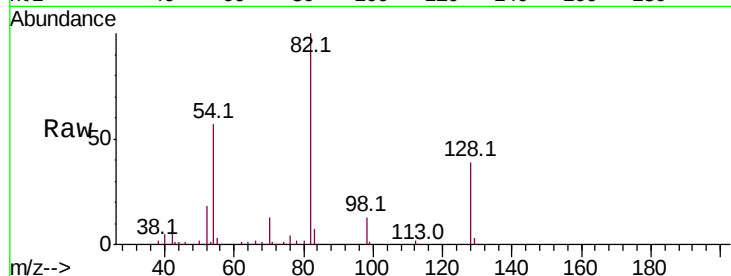
ClientSampled :

NS-SLUDGE

Tot Ion:	82	Resp:	252436
Ion Ratio	Lower	Upper	
82	100		
128	39.5	33.3	49.9
54	56.7	45.1	67.7

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#38

Acenaphthene-d10

Concen: 20.000 ng

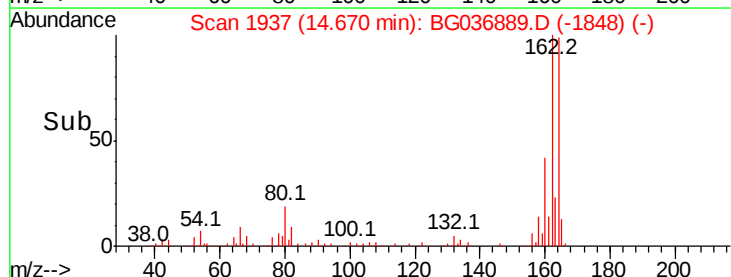
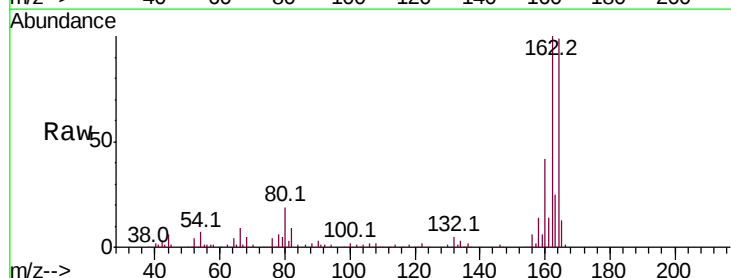
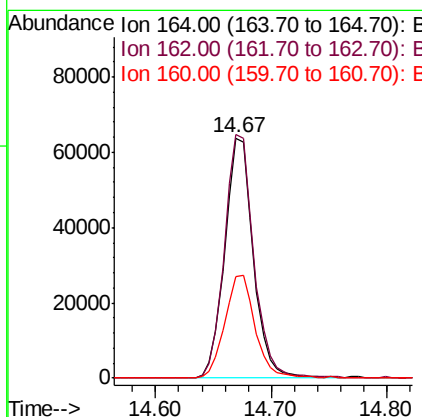
RT: 14.67 min Scan# 1937

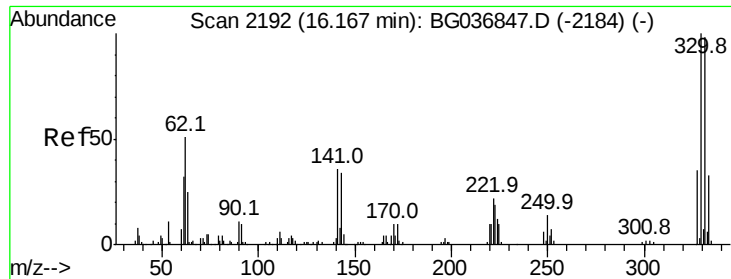
Delta R.T. -0.00 min

Lab File: BG036889.D

Acq: 22 Sep 2018 11:37

Tgt Ion:	164	Resp:	109037
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.7	121.1
160	42.5	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 114.488 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036889.D

Acq: 22 Sep 2018 11:37

Instrument :

BNA_G

ClientSampleId :

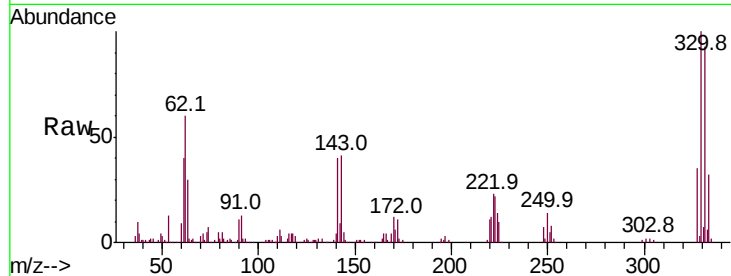
NS-SLUDGE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	149356		
332	94.7	75.4	113.2	
141	38.4	30.7	46.1	

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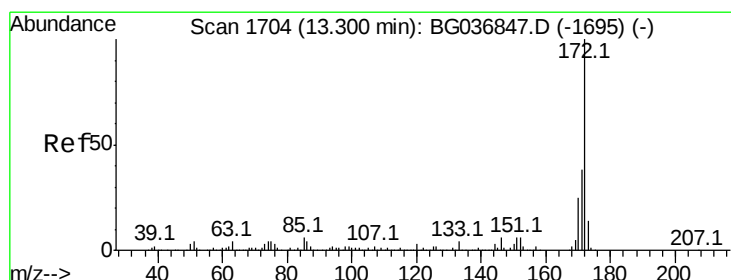
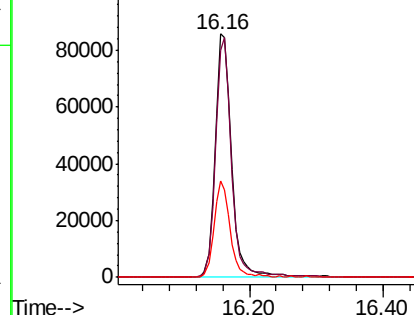
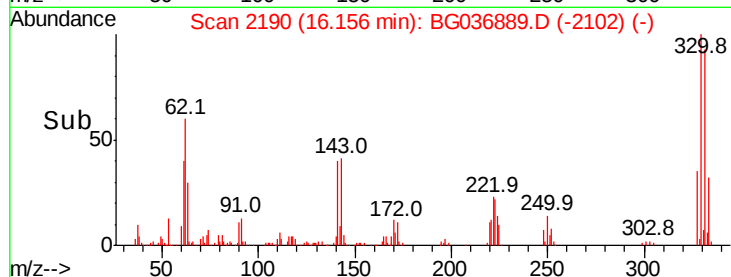


Abundance

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: 80.901 ng

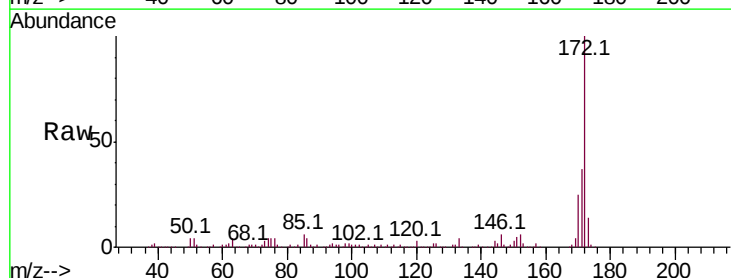
RT: 13.29 min Scan# 1703

Delta R.T. -0.00 min

Lab File: BG036889.D

Acq: 22 Sep 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	592269		
171	36.7	31.3	46.9	
170	24.6	21.0	31.6	

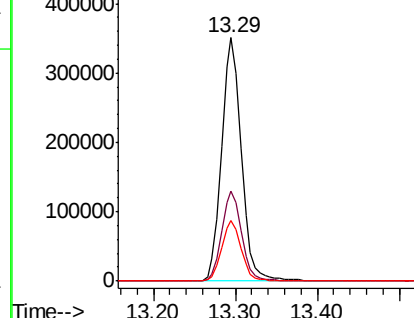
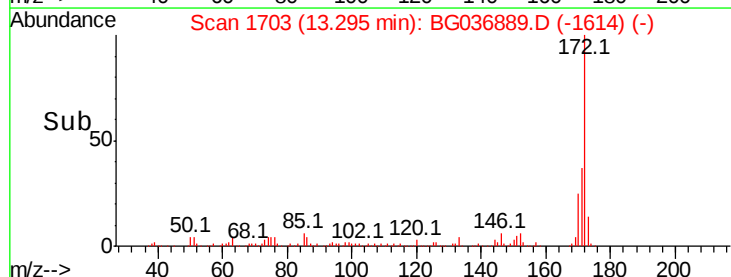


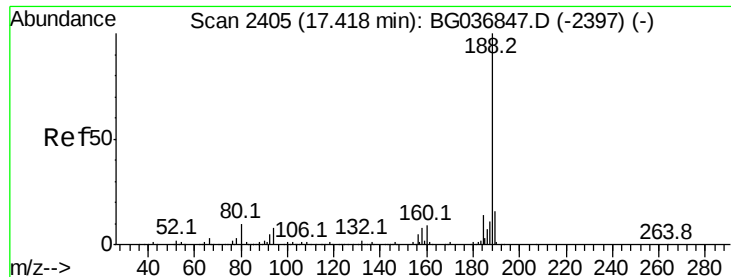
Abundance

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: 17.42 min Scan# 2405

Delta R.T. 0.00 min

Lab File: BG036889.D

Acq: 22 Sep 2018 11:37

Instrument :

BNA_G

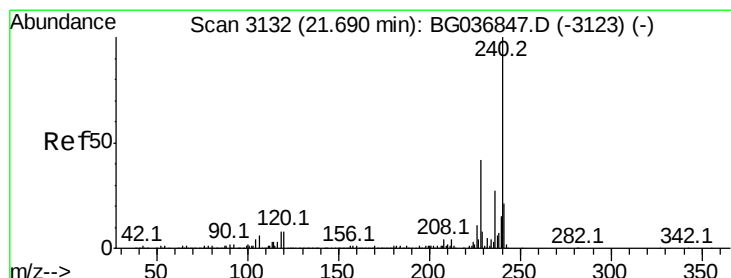
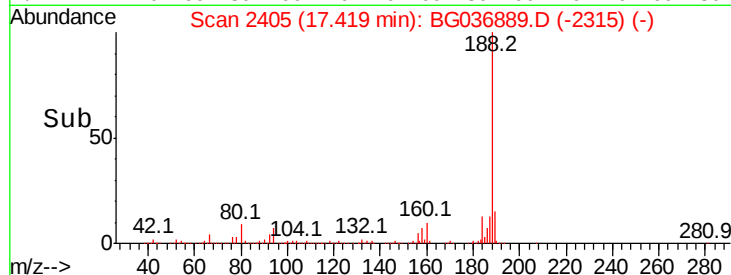
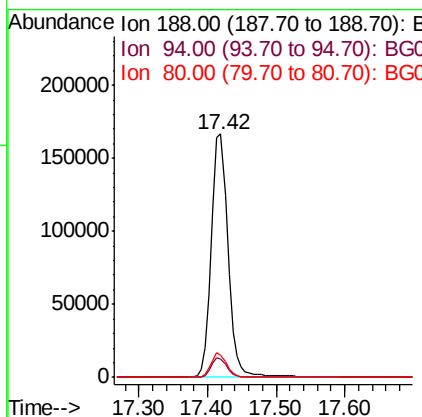
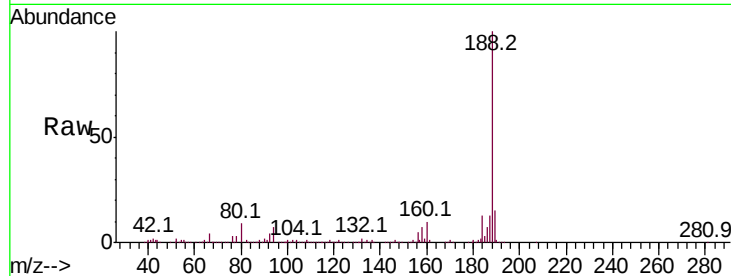
ClientSampleId :

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Tot Ion:	188	Resp:	283276
Ion Ratio	Lower	Upper	
188	100		
94	7.3	6.7	10.1
80	8.9	8.1	12.1

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#75

Chrysene-d12

Concen: 20.000 ng

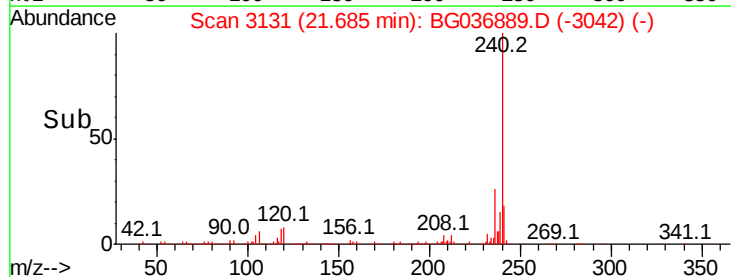
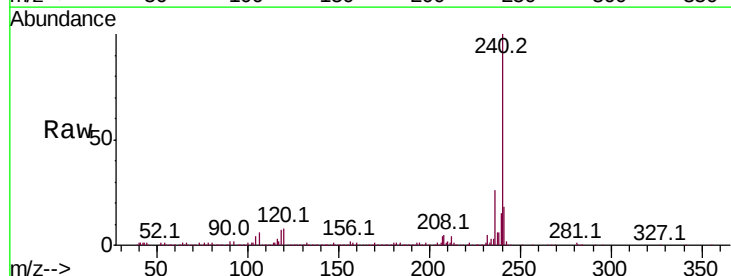
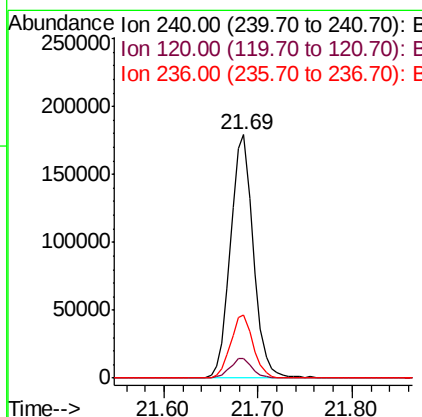
RT: 21.69 min Scan# 3131

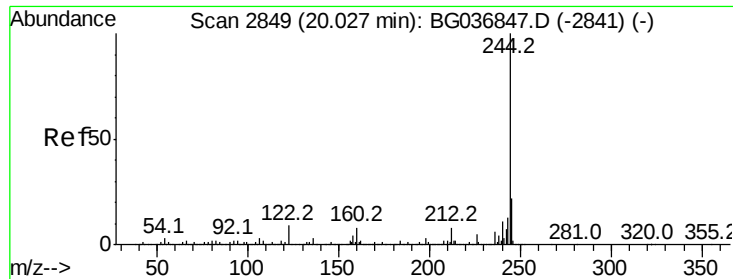
Delta R.T. -0.00 min

Lab File: BG036889.D

Acq: 22 Sep 2018 11:37

Tgt Ion:	240	Resp:	302550
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.9	10.3
236	25.8	21.2	31.8





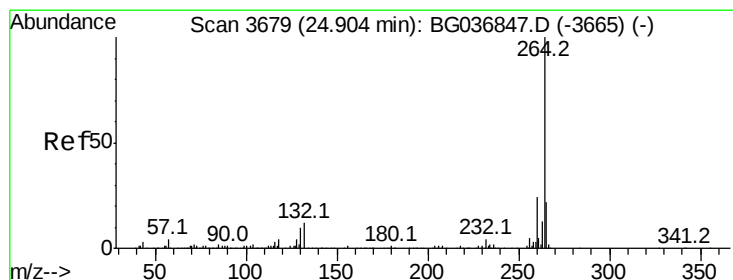
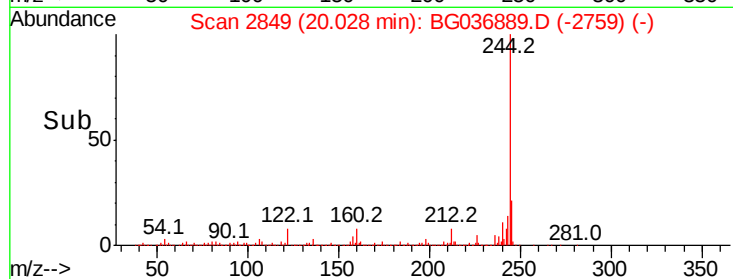
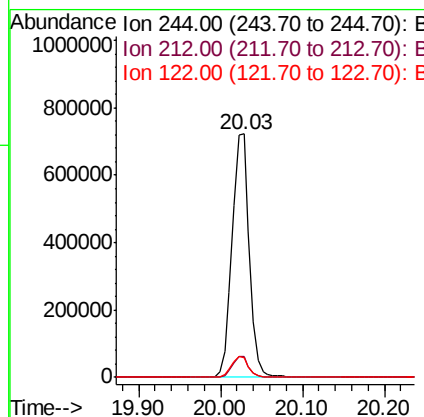
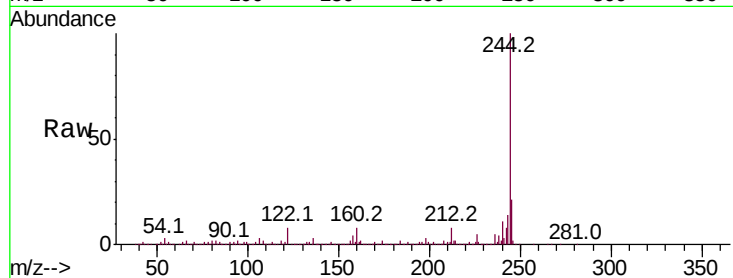
#78
 Terphenyl-d14
 Concen: 92.021 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BG036889.D
 Acq: 22 Sep 2018 11:37

Instrument :
 BNA_G
 ClientSampled :
 NS-SLUDGE

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.3	7.1	10.7

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036889.D
 Acq: 22 Sep 2018 11:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	21.1	17.4	26.0

