

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042837.D
 Acq On : 14 Sep 2019 5:59
 Operator : HP/JU
 Sample : K4857-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLUDGE-COMP

Manual Integrations
 APPROVED

mohammad
 9/17/2019 9:20:42 AM

Quant Time: Sep 16 01:09:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	110528	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	422738	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	270499	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	558474	20.00	ng	0.00
76) Chrysene-d12	21.76	240	532305	20.00	ng	0.00
87) Perylene-d12	25.03	264	598955	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	654365	102.93	ng	0.00
7) Phenol-d6	7.27	99	974820	106.83	ng	0.00
23) Nitrobenzene-d5	9.28	82	615262	75.77	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	357327	99.29	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1123724	65.76	ng	0.00
79) Terphenyl-d14	20.09	244	1484622	61.81	ng	0.00
Target Compounds						
10) Phenol	7.30	94	42773	4.571	ng	95
37) 2-Methylnaphthalene	12.57	142	54125	3.462	ng	96
38) 1-Methylnaphthalene	12.79	142	34957m	2.384	ng	
50) Dimethylphthalate	14.18	163	96033	4.739	ng	# 85
71) Phenanthrene	17.52	178	144148	5.397	ng	96
78) Pyrene	19.88	202	115968	3.480	ng	93
84) Bis(2-ethylhexyl)phthalate	21.65	149	65718	3.566	ng	99

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

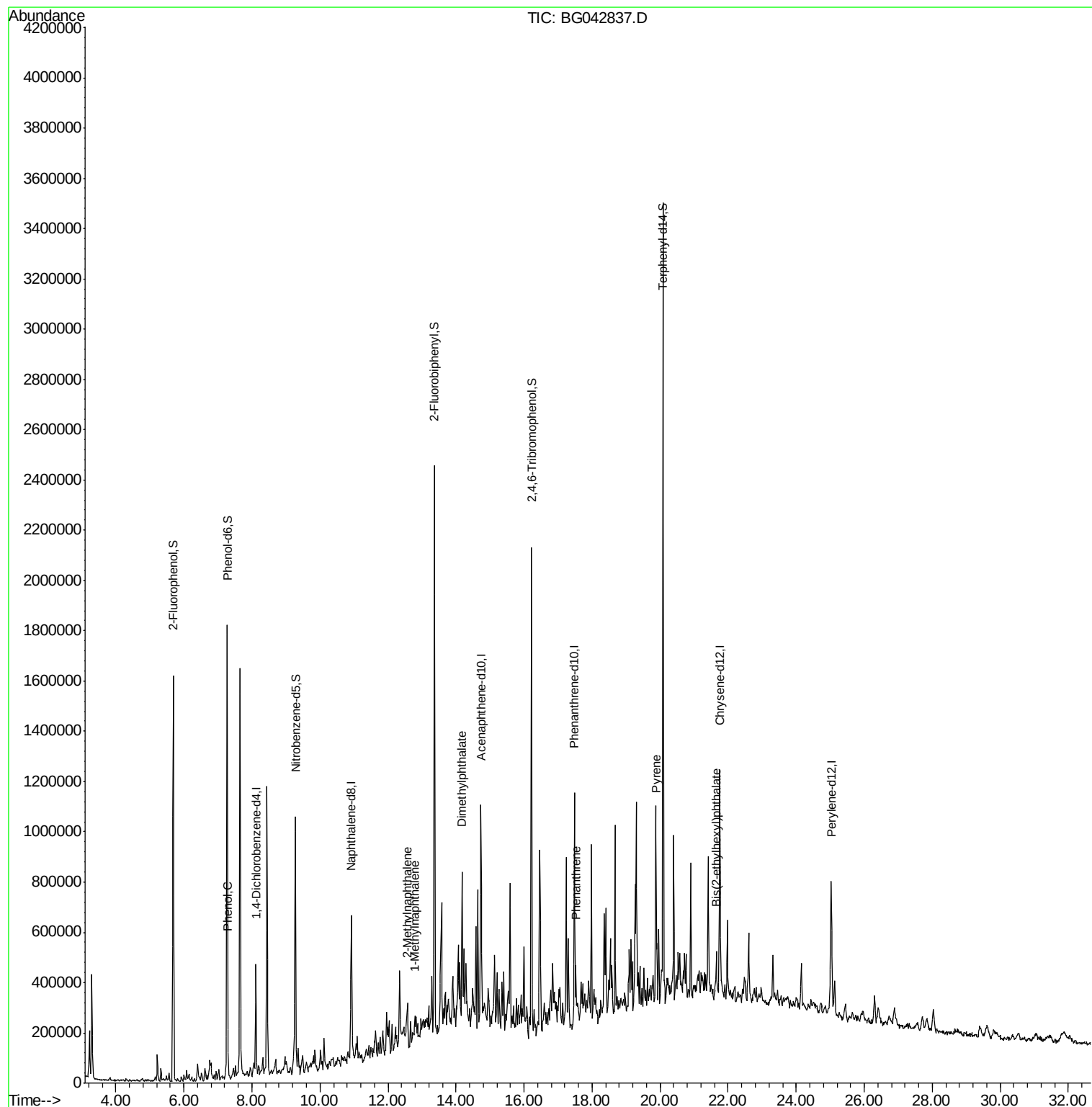
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
Data File : BG042837.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

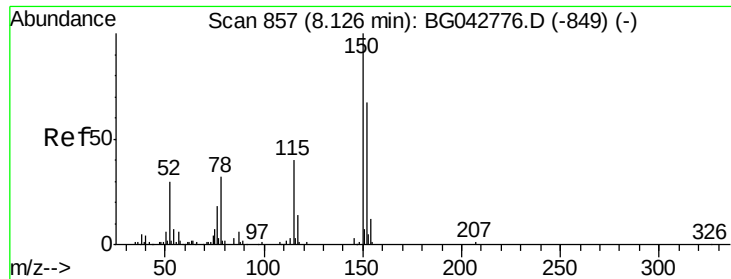
Instrument :
BNA_G
ClientSampleId :
SLUDGE-COMP

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Quant Time: Sep 16 01:09:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration





#1

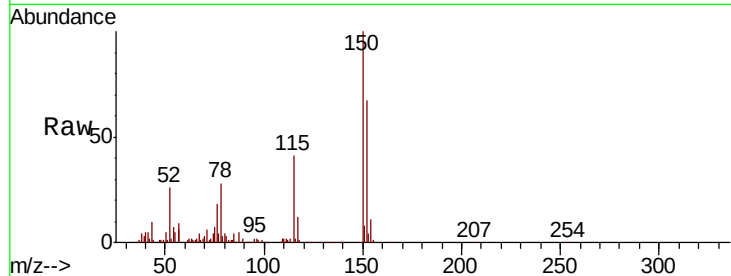
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampled :
SLUDGE-COMP

Tot Ion	Ratio	Resp	Lower	Upper
152	100	110528		
150	148.6		118.9	178.3
115	61.4		47.4	71.2

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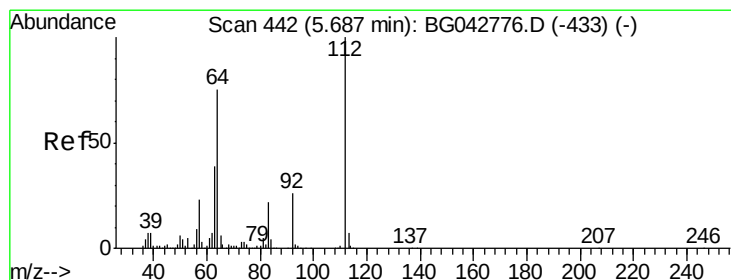
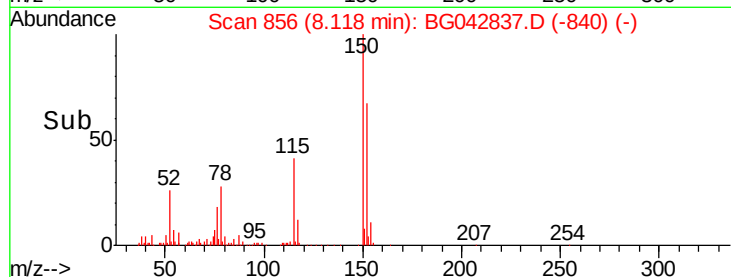
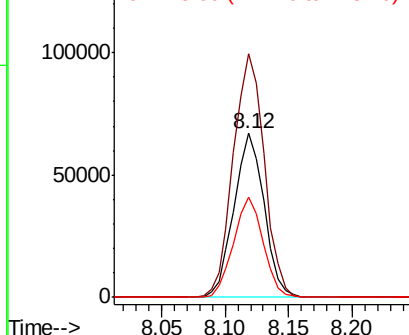


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

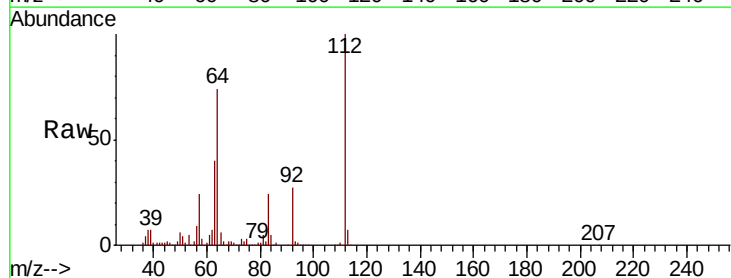
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.928 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	654365		
64	73.5		60.2	90.2
63	40.5		31.2	46.8

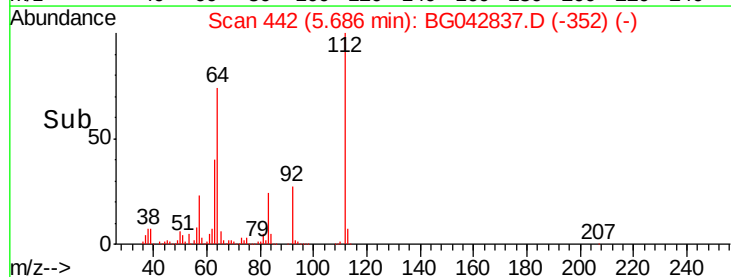
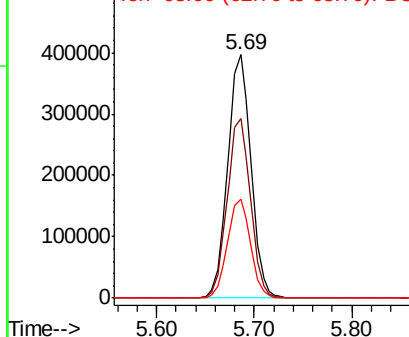


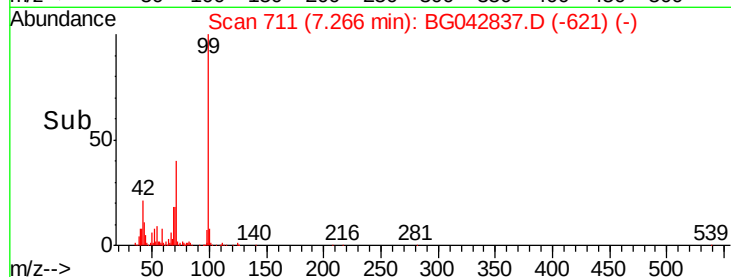
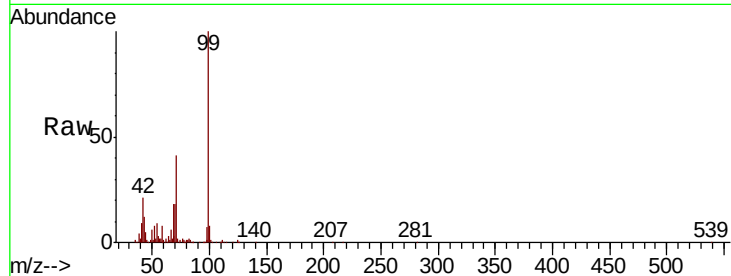
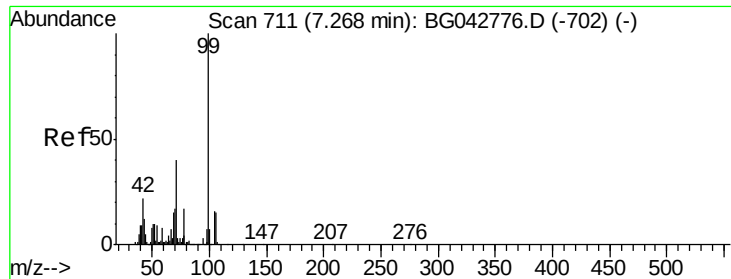
Abundance

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: 106.828 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042837.D

Acq: 14 Sep 2019 5:59

Tot Ion:	99	Resp:	974820
Ion Ratio	Lower	Upper	
99	100		
42	21.1	17.5	26.3
71	40.8	32.0	48.0

Instrument :

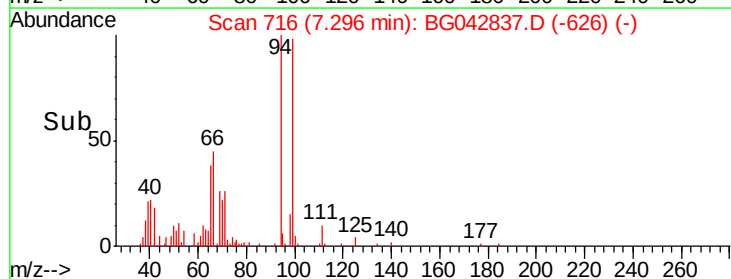
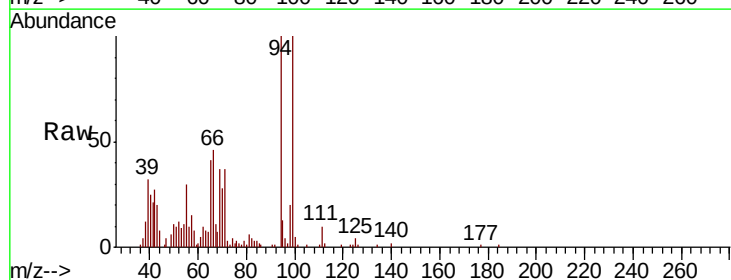
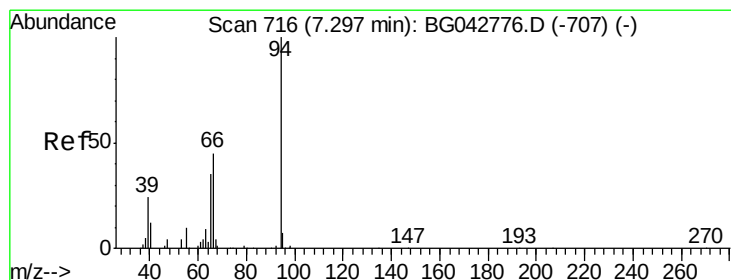
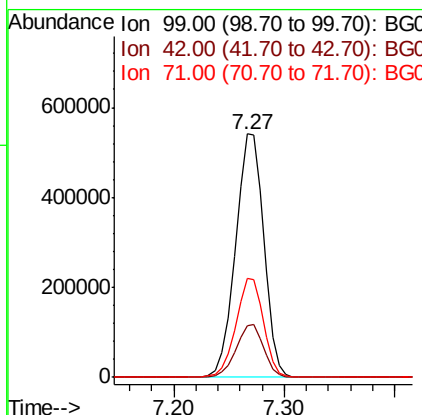
BNA_G

ClientSampleId :

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#10

Phenol

Concen: 4.571 ng

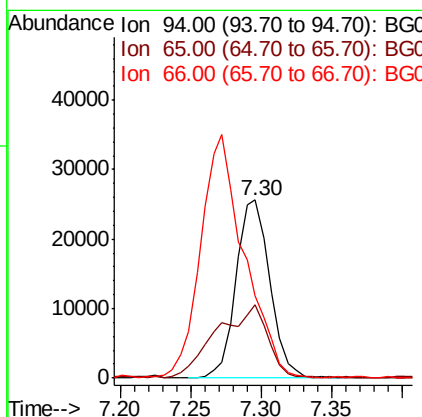
RT: 7.30 min Scan# 716

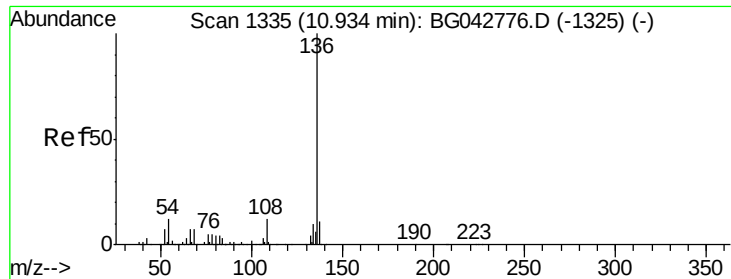
Delta R.T. -0.00 min

Lab File: BG042837.D

Acq: 14 Sep 2019 5:59

Tgt Ion:	94	Resp:	42773
Ion Ratio	Lower	Upper	
94	100		
65	41.0	15.0	55.0
66	46.2	26.1	66.1





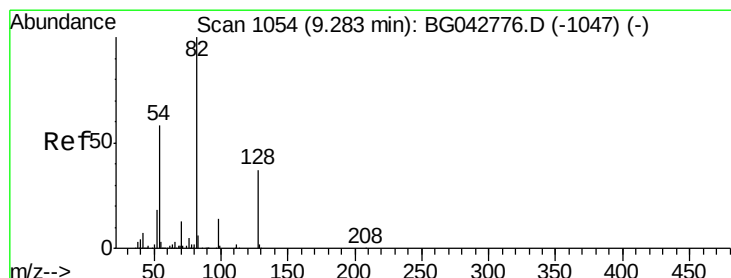
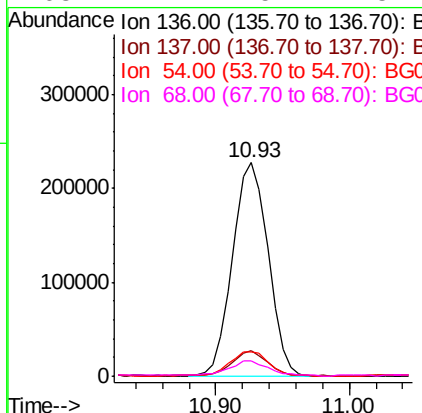
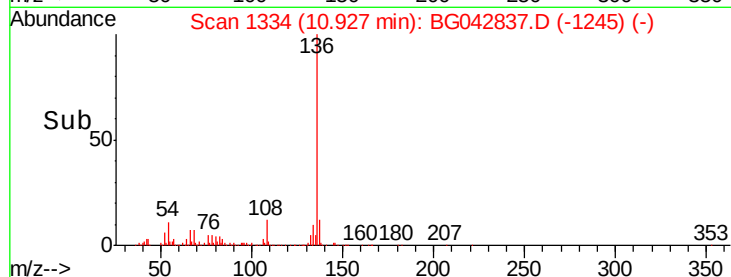
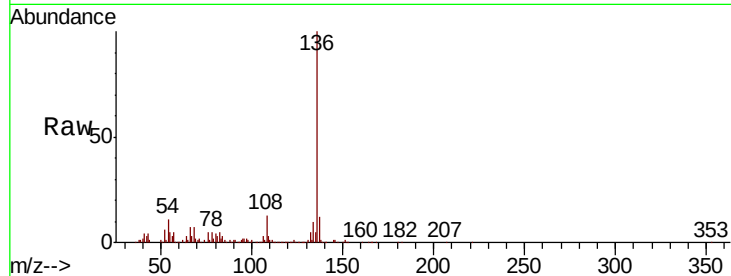
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :
SLUDGE-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.1	9.0	13.6	
54	11.4	9.4	14.0	
68	7.4	5.4	8.2	

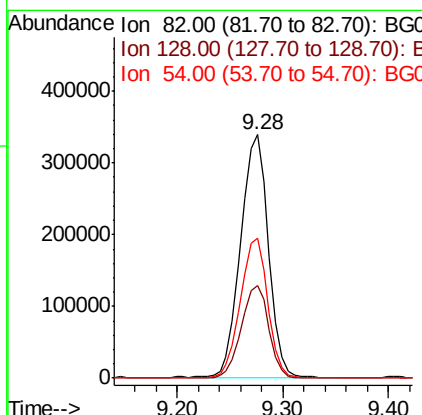
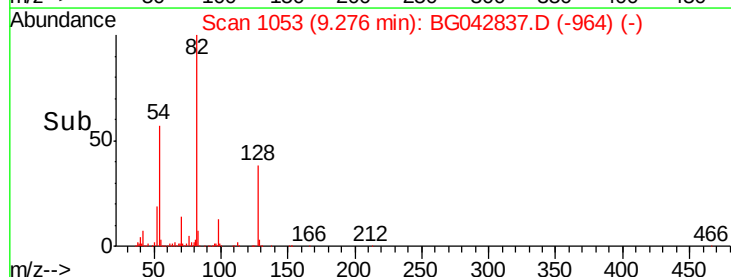
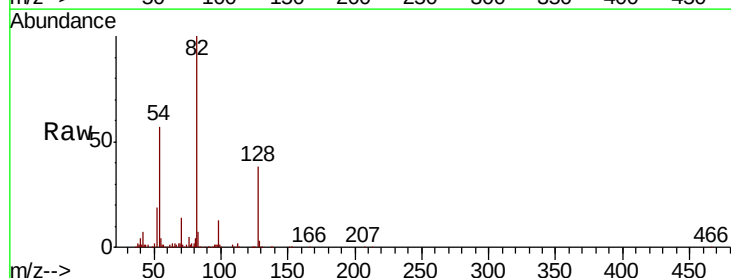
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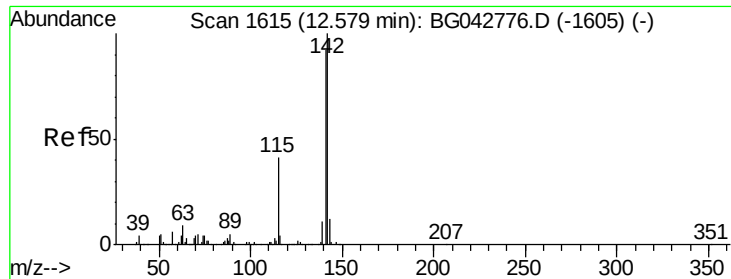
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#23
Nitrobenzene-d5
Concen: 75.773 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.8	29.8	44.8	
54	57.2	46.1	69.1	





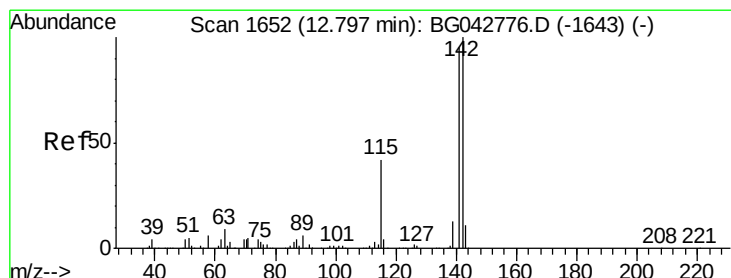
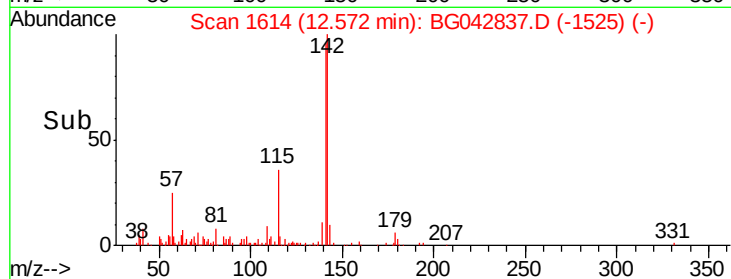
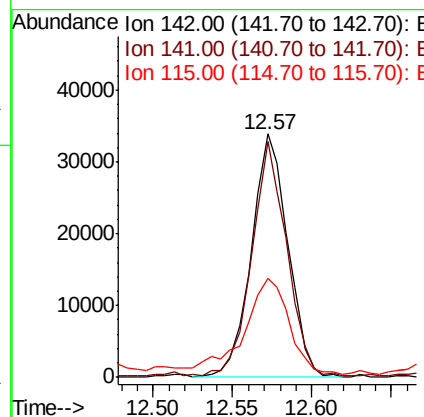
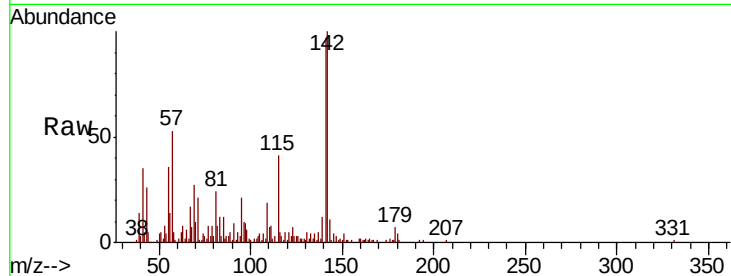
#37
2-Methylnaphthalene
Concen: 3.462 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :
SLUDGE-COMP

Tot Ion	Ratio	Lower	Upper
142	100		
141	96.9	73.8	110.8
115	40.8	33.0	49.4

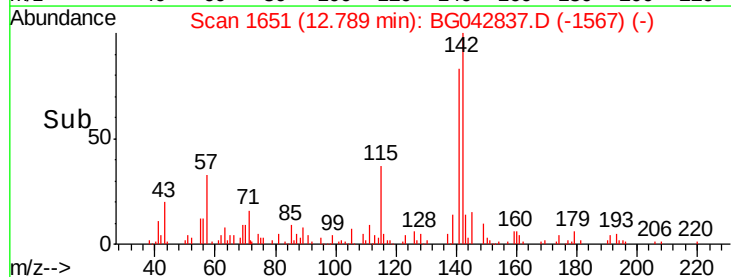
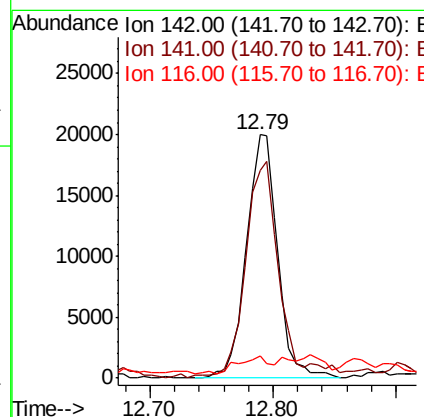
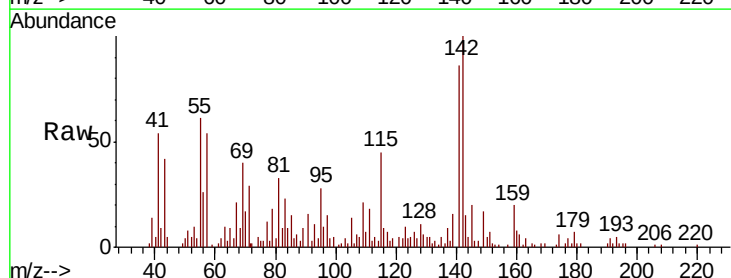
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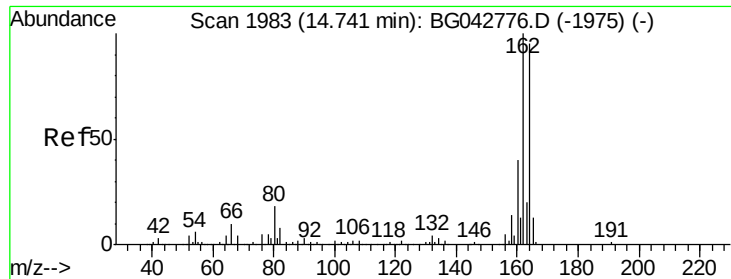
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#38
1-Methylnaphthalene
Concen: 2.384 ng m
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.5	76.3	114.5
116	9.1	3.4	5.0#





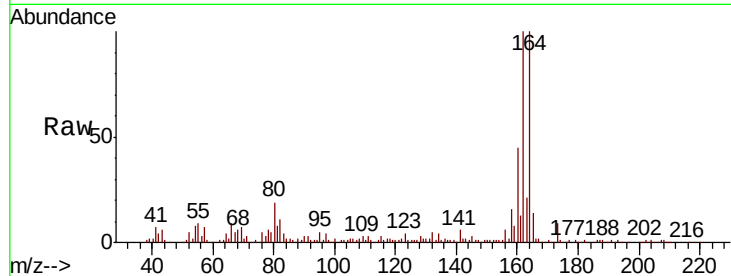
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :
SLUDGE-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	84.6	126.8
160	45.4	34.2	51.2

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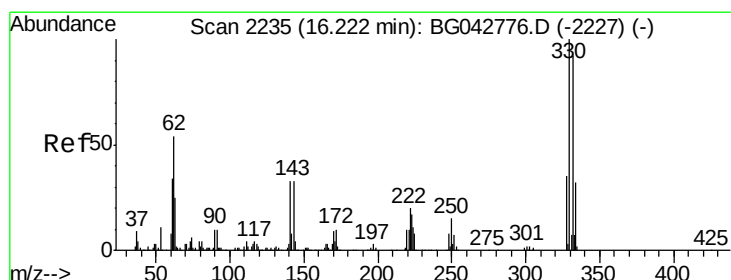
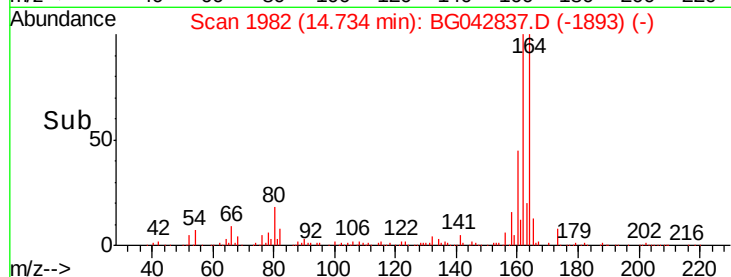
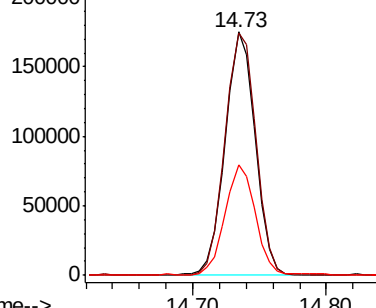


Abundance

Ion 164.00 (163.70 to 164.70): E

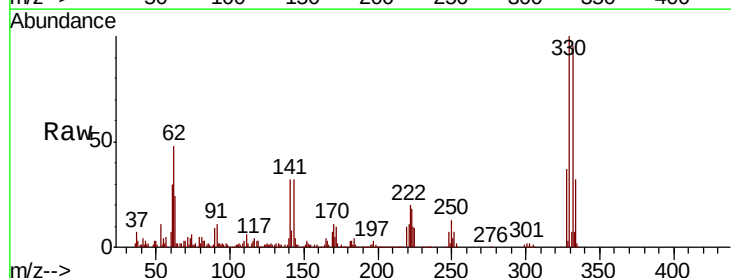
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 99.291 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.7	115.1
141	35.4	27.0	40.6

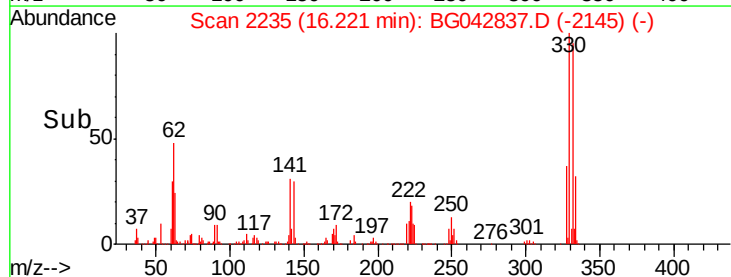
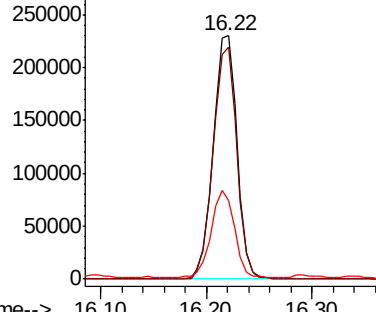


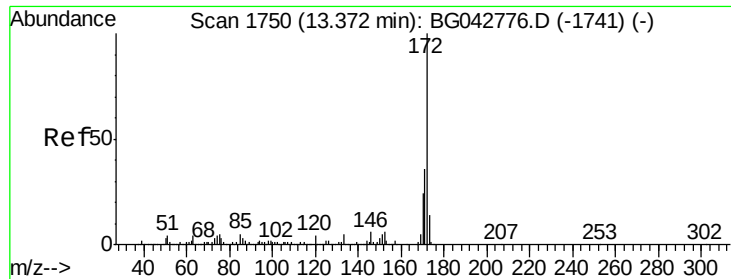
Abundance

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





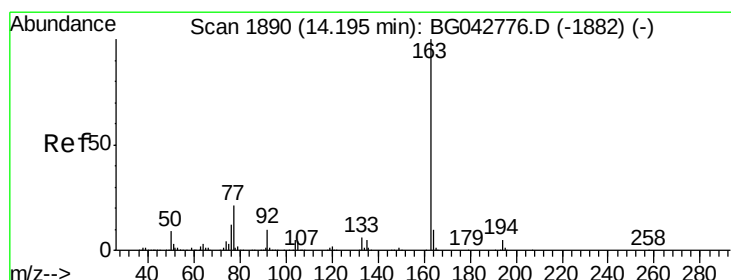
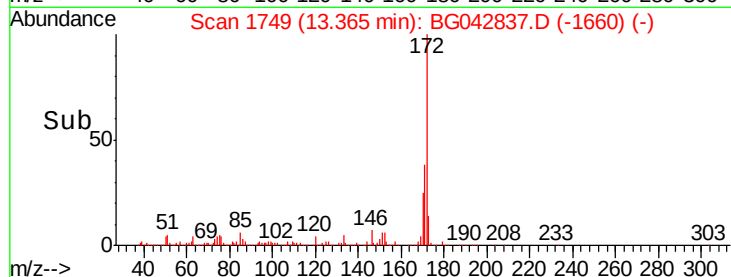
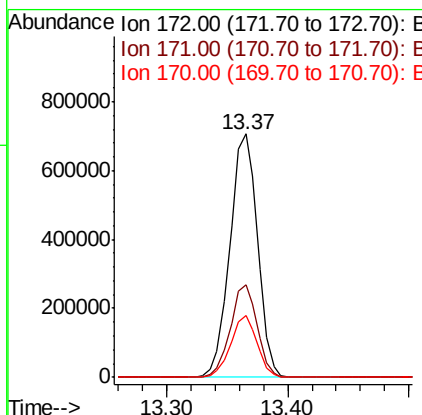
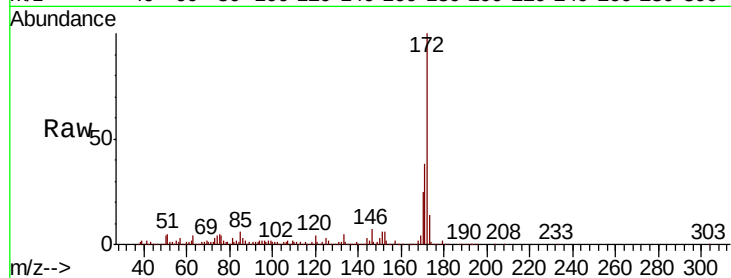
#45
2-Fluorobiphenyl
Concen: 65.759 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :
SLUDGE-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.9	43.3
170	25.2	19.1	28.7

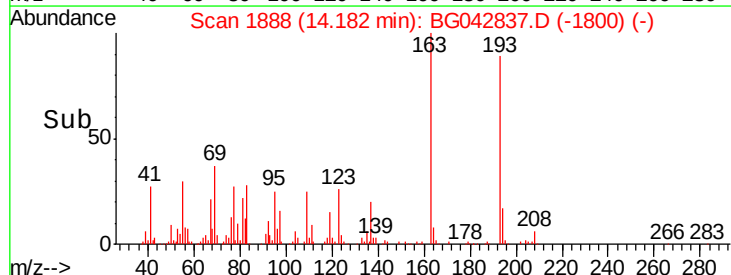
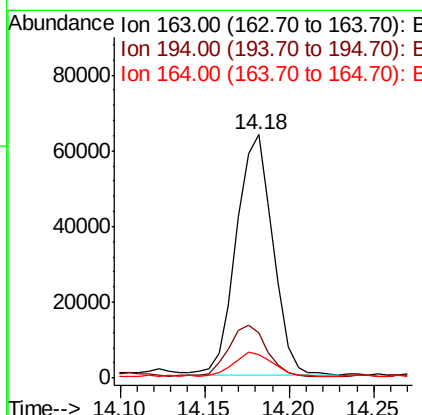
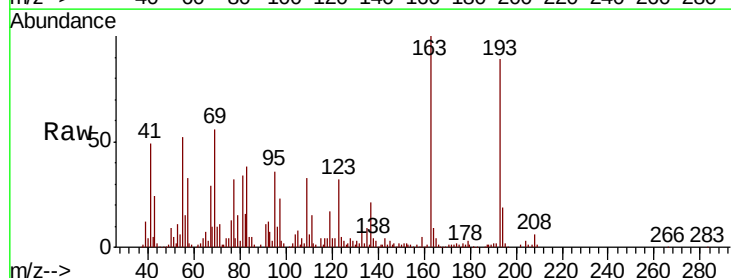
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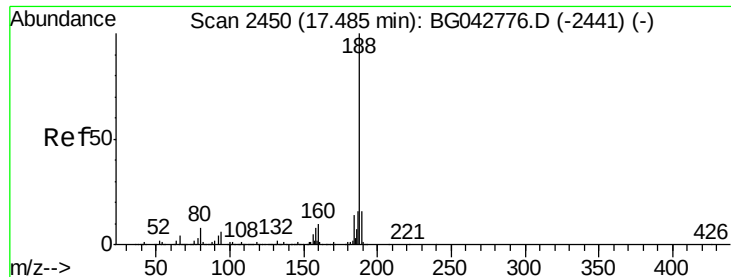
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#50
Dimethylphthalate
Concen: 4.739 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	18.8	4.2	6.4#
164	9.5	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042837.D

Acq: 14 Sep 2019 5:59

Instrument :

BNA_G

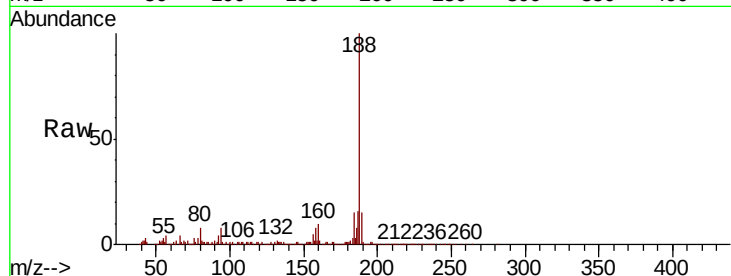
ClientSampleId :

SLUDGE-COMP

Tot Ion:	188	Resp:	558474
Ion Ratio	Lower	Upper	
188	100		
94	7.6	4.8	7.2#
80	8.1	6.6	9.8

Manual Integrations
APPROVED

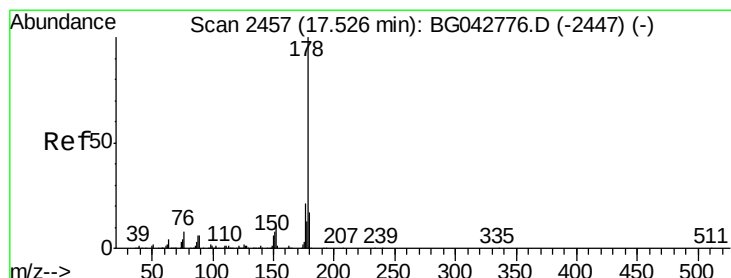
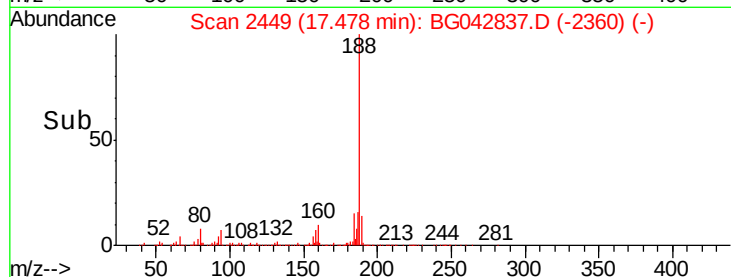
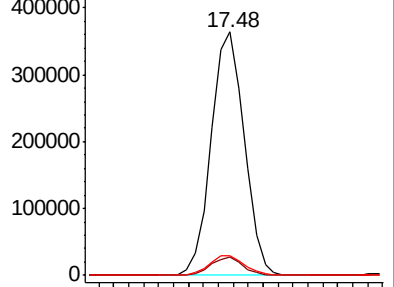
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#71

Phenanthrene

Concen: 5.397 ng

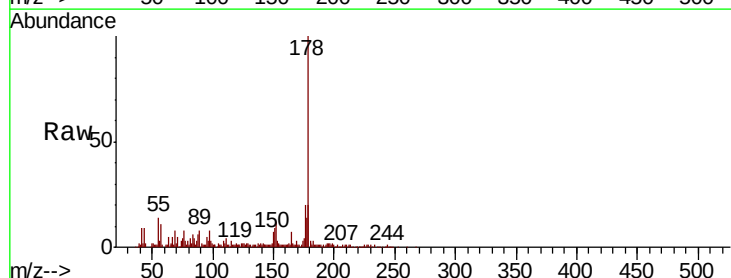
RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042837.D

Acq: 14 Sep 2019 5:59

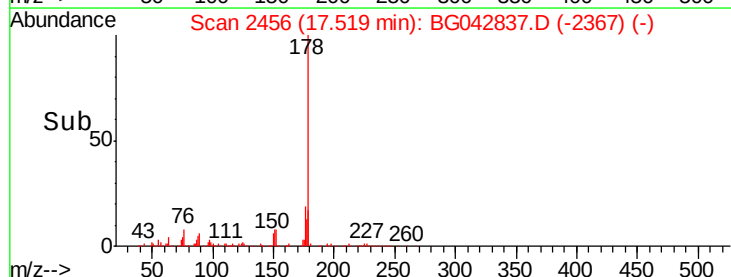
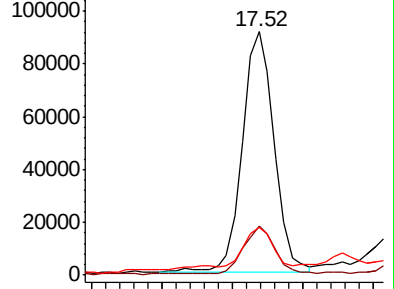
Tgt Ion:	178	Resp:	144148
Ion Ratio	Lower	Upper	
178	100		
176	19.9	17.0	25.4
179	19.5	13.6	20.4

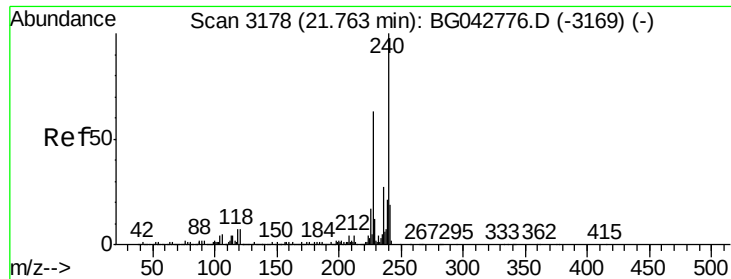


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042837.D

Acq: 14 Sep 2019 5:59

Instrument :

BNA_G

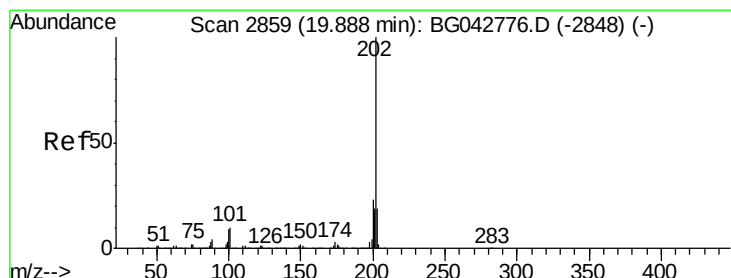
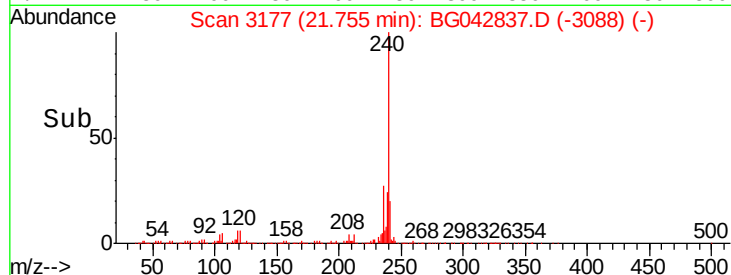
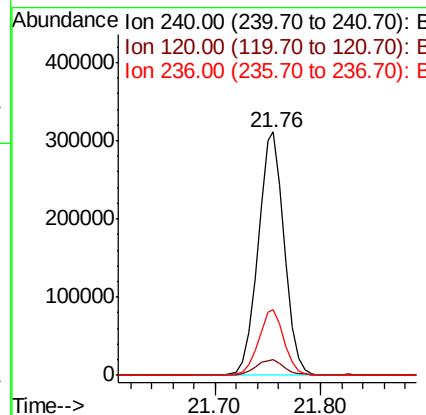
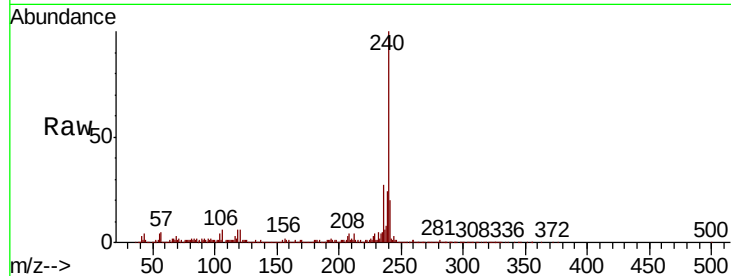
ClientSampleId :

SLUDGE-COMP

Tot Ion:	240	Resp:	532305
Ion Ratio	Lower	Upper	
240	100		
120	6.5	5.4	8.2
236	27.1	21.7	32.5

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#78

Pyrene

Concen: 3.480 ng

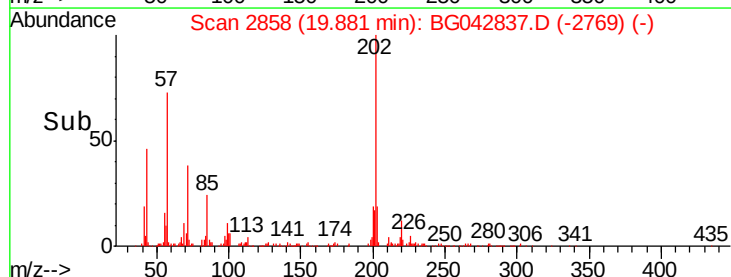
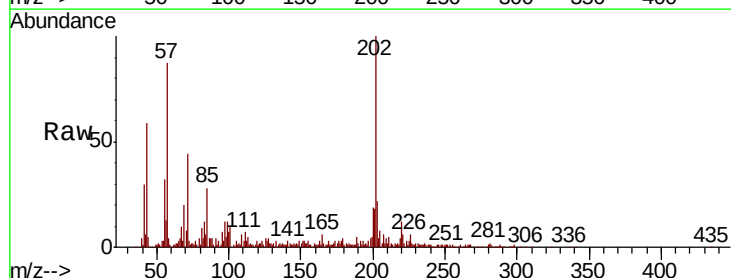
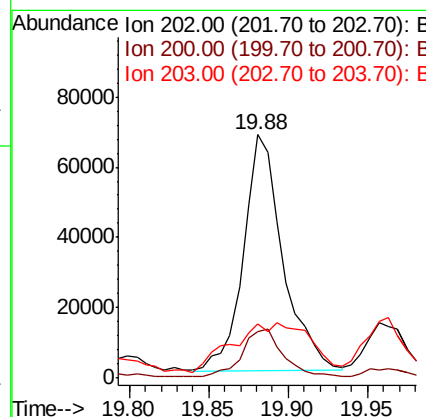
RT: 19.88 min Scan# 2858

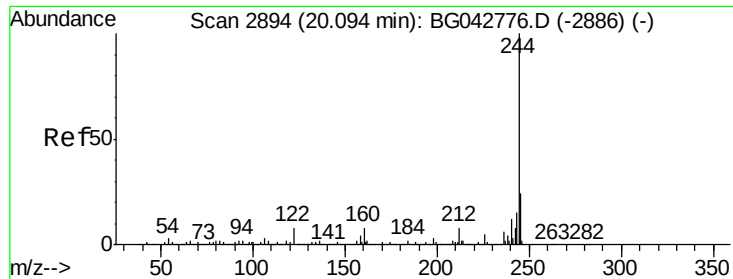
Delta R.T. -0.01 min

Lab File: BG042837.D

Acq: 14 Sep 2019 5:59

Tgt Ion:	202	Resp:	115968
Ion Ratio	Lower	Upper	
202	100		
200	19.2	18.5	27.7
203	22.1	15.3	22.9





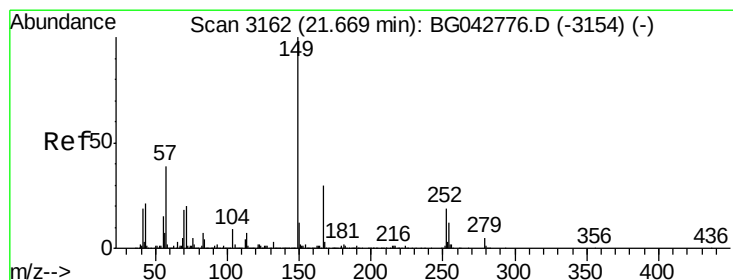
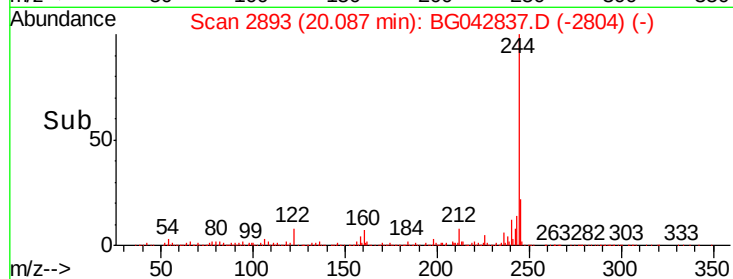
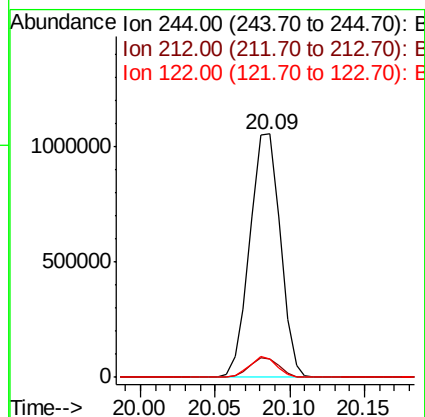
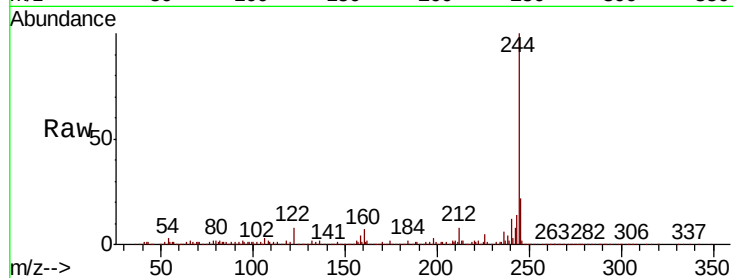
#79
 Terphenyl-d14
 Concen: 61.813 ng
 RT: 20.09 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG042837.D
 Acq: 14 Sep 2019 5:59

Instrument :
 BNA_G
 ClientSampleId :
 SLUDGE-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	10.0
122	7.6	6.2	9.4

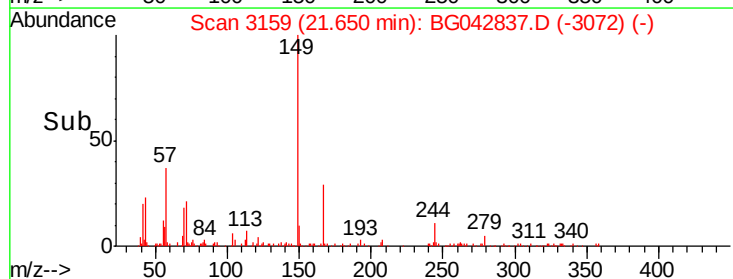
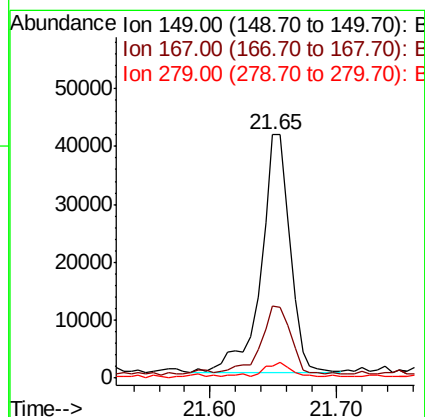
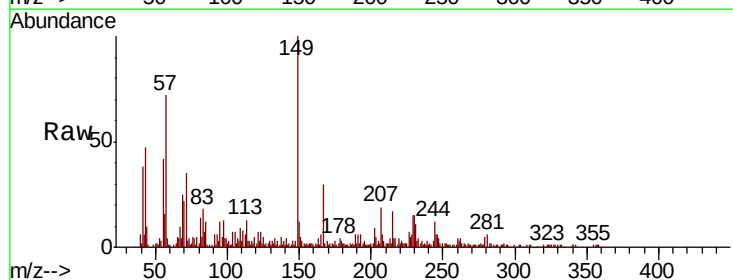
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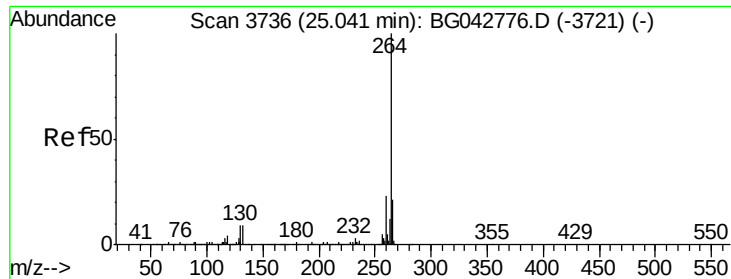
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.566 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG042837.D
 Acq: 14 Sep 2019 5:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.3	36.5
279	5.0	4.2	6.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3734
 Delta R.T. -0.01 min
 Lab File: BG042837.D
 Acq: 14 Sep 2019 5:59

Instrument :
 BNA_G
 ClientSampleId :
 SLUDGE-COMP

Tot Ion:	264	Resp:	598955
Ion Ratio		Lower	Upper
264	100		
260	24.3	18.2	27.2
265	22.1	16.9	25.3

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