

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041607.D
 Acq On : 4 Jul 2019 2:08
 Operator : HP/JU
 Sample : K3649-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-1-ROLL-OFF-SOCK-PILE

Manual Integrations
 APPROVED

mohammad
 7/5/2019 8:43:22 AM

Quant Time: Jul 05 08:54:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34406	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	120300	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	80801	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	196902	20.00	ng	0.00
76) Chrysene-d12	21.70	240	226622	20.00	ng	0.00
87) Perylene-d12	25.00	264	251428	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	159926	82.87	ng	0.00
7) Phenol-d6	7.19	99	229114	84.34	ng	0.00
23) Nitrobenzene-d5	9.21	82	162755	56.43	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	120494	87.34	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	350637	55.69	ng	0.00
79) Terphenyl-d14	20.03	244	604120	56.65	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.50	142	11484	2.337	ng	94
50) Dimethylphthalate	14.12	163	43813	5.958	ng	99
78) Pyrene	19.84	202	32727	2.115	ng	# 82
84) Bis(2-ethylhexyl)phthalate	21.54	149	19281	2.354	ng	# 96

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

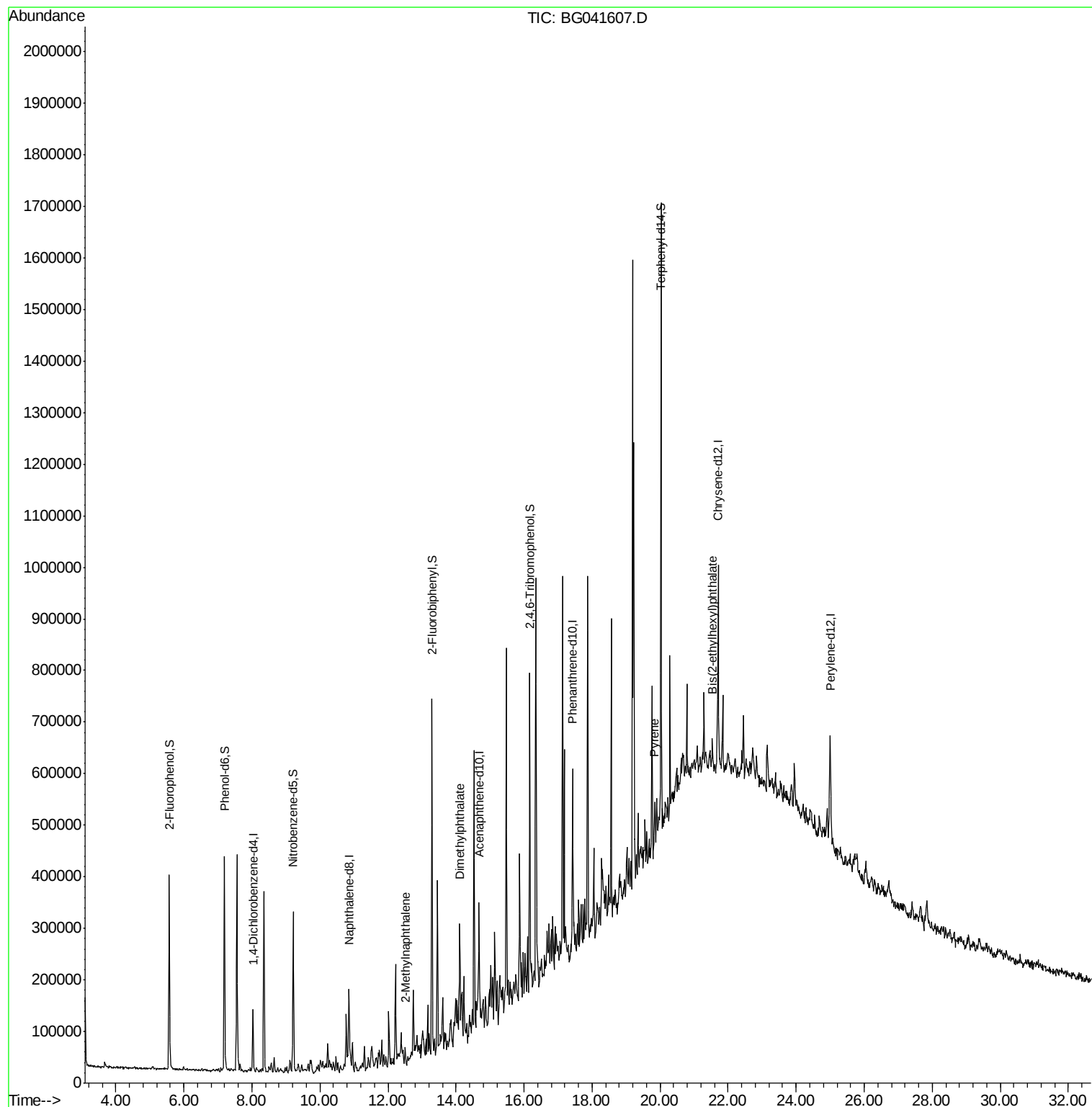
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041607.D
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ALS Vial : 18 Sample Multiplier: 1

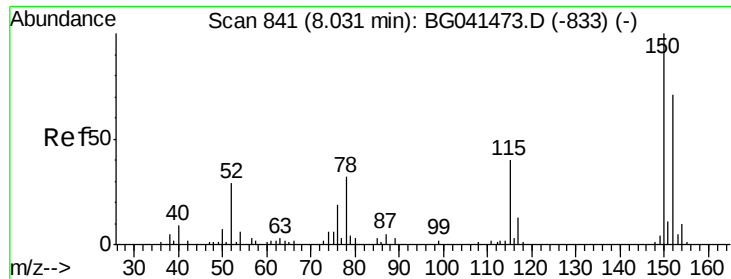
Instrument :
BNA_G
ClientSampleId :
D-1-ROLL-OFF-SOCK-PILE

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#1

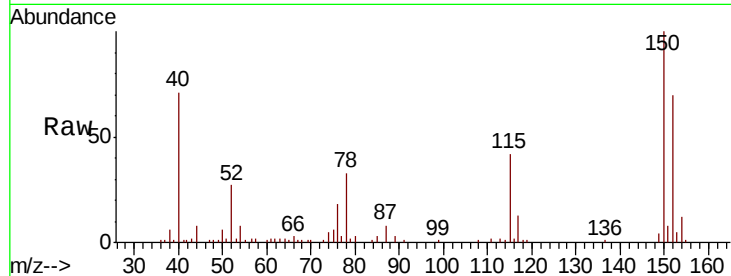
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG041607.D
Acq: 4 Jul 2019 2:08

Instrument :
BNA_G
ClientSampleId :
D-1-ROLL-OFF-SOCK-PILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.1	112.4	168.6
115	59.5	44.6	66.8

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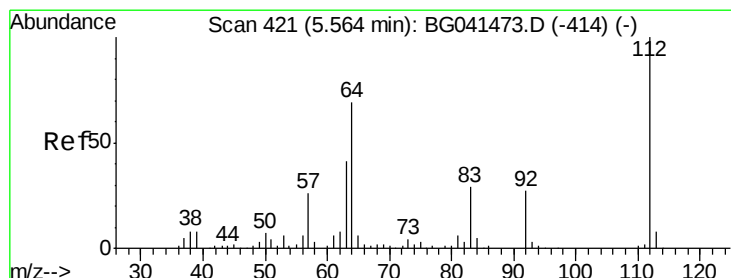
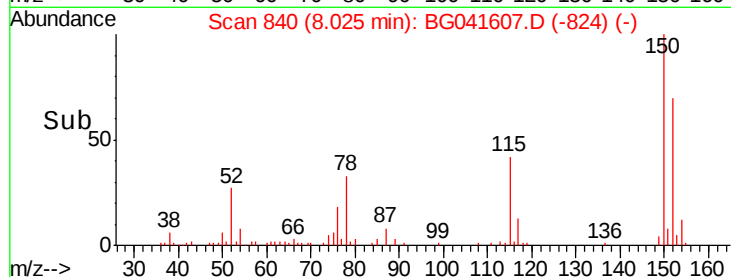
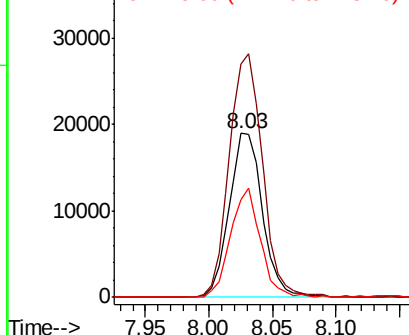


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

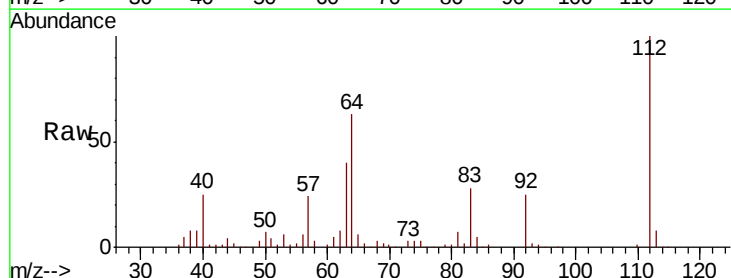
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.871 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG041607.D
Acq: 4 Jul 2019 2:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	55.1	82.7
63	39.9	32.4	48.6

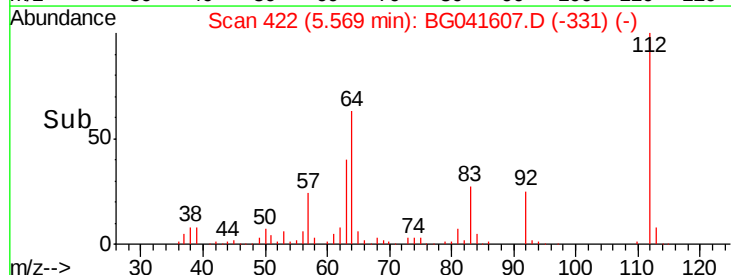
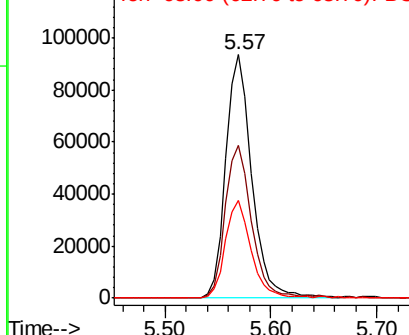


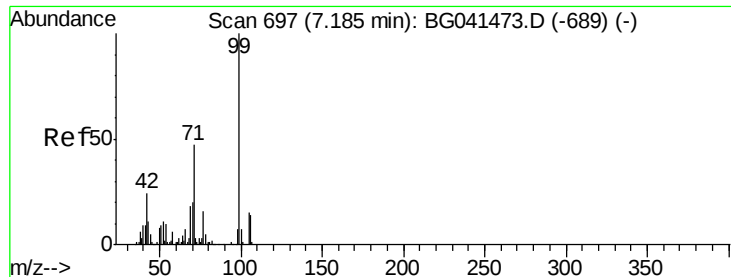
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 84.336 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG041607.D

Acq: 4 Jul 2019 2:08

Instrument :

BNA_G

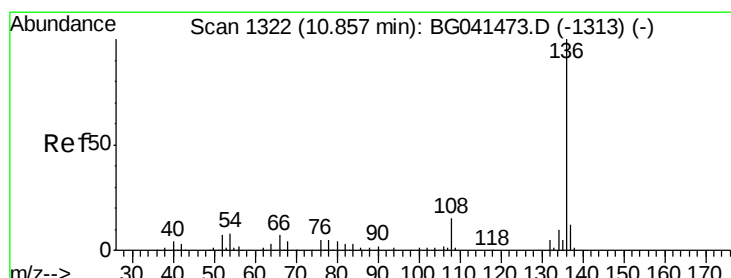
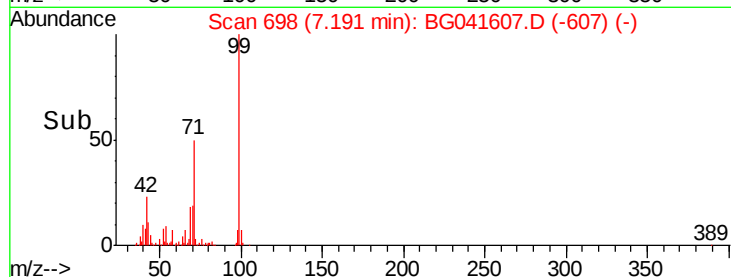
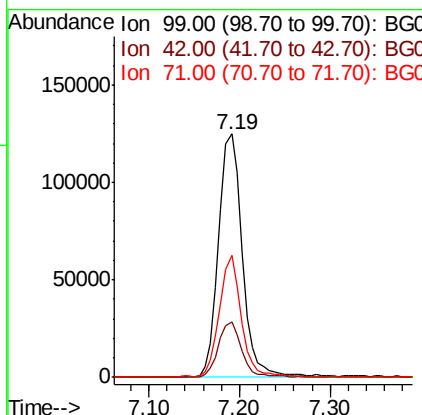
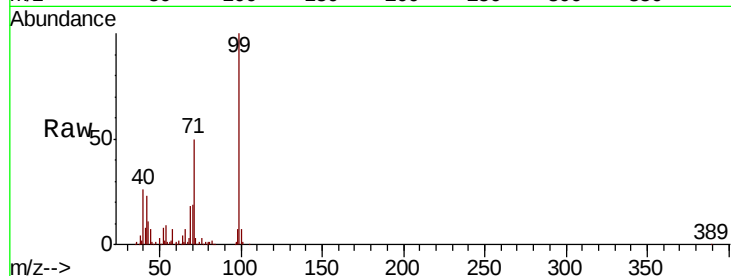
ClientSampleId :

D-1-ROLL-OFF-SOCK-PILE

Tot Ion:	99	Resp:	229114
Ion Ratio	Lower	Upper	
99	100		
42	23.0	19.0	28.6
71	49.9	37.4	56.2

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#21

Naphthalene-d8

Concen: 20.000 ng

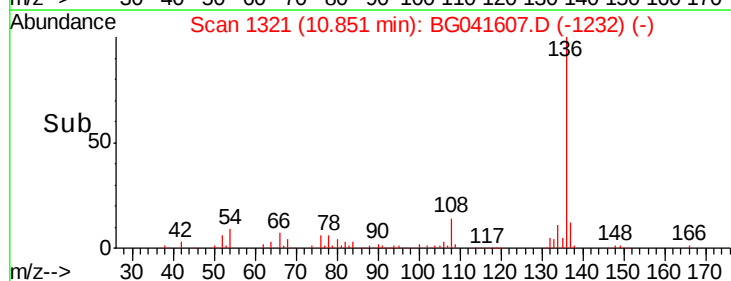
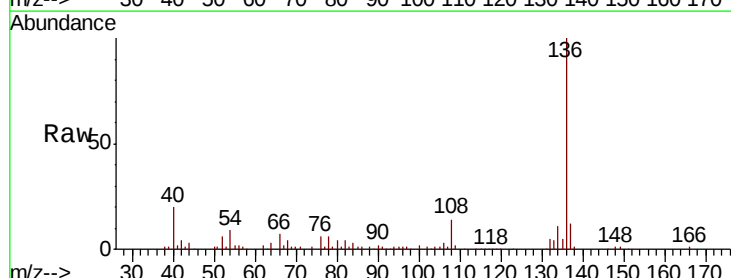
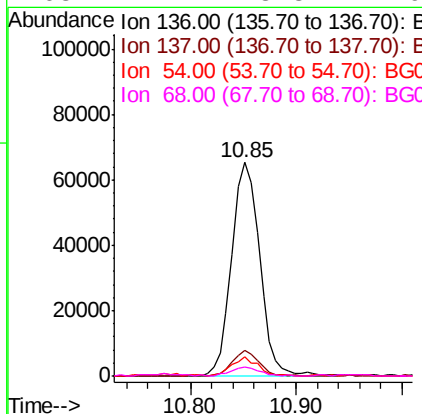
RT: 10.85 min Scan# 1321

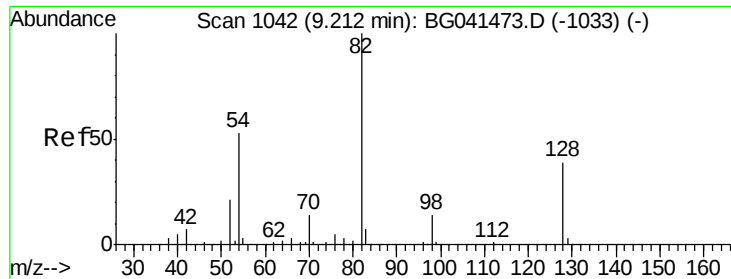
Delta R.T. -0.01 min

Lab File: BG041607.D

Acq: 4 Jul 2019 2:08

Tgt Ion:	136	Resp:	120300
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.3	13.9
54	8.7	7.1	10.7
68	4.2	3.3	4.9





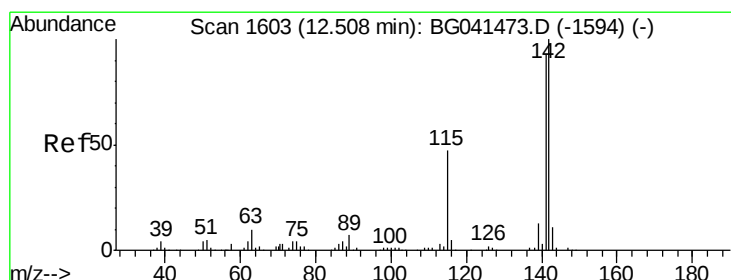
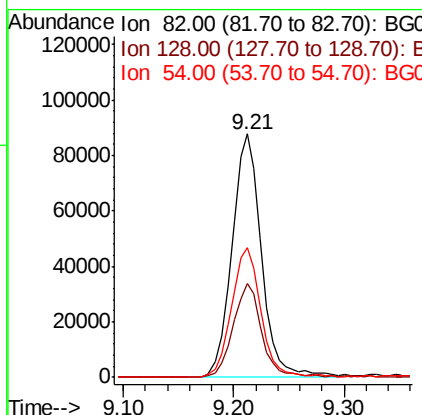
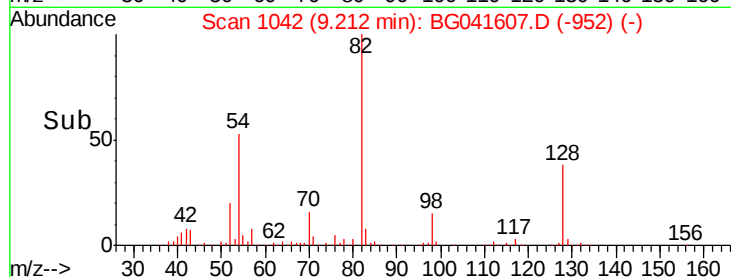
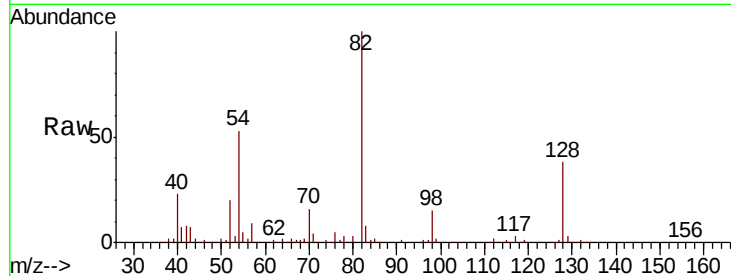
#23
Nitrobenzene-d5
Concen: 56.426 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041607.D
Acq: 4 Jul 2019 2:08

Instrument :
BNA_G
ClientSampleId :
D-1-ROLL-OFF-SOCK-PILE

Tot Ion	Ratio	Resp	Lower	Upper
82	100	162755		
128	38.3	30.9	46.3	
54	53.0	42.2	63.2	

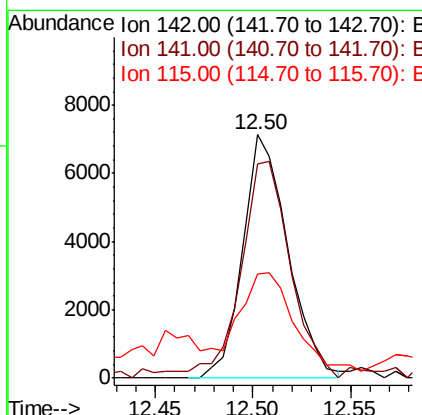
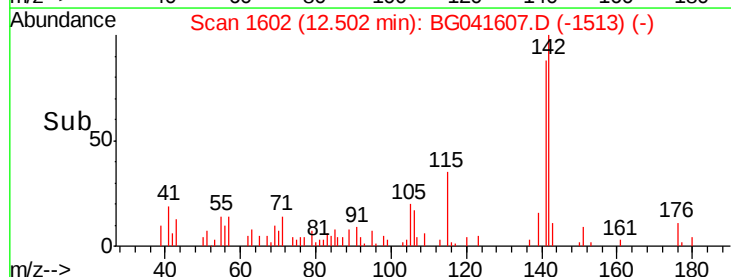
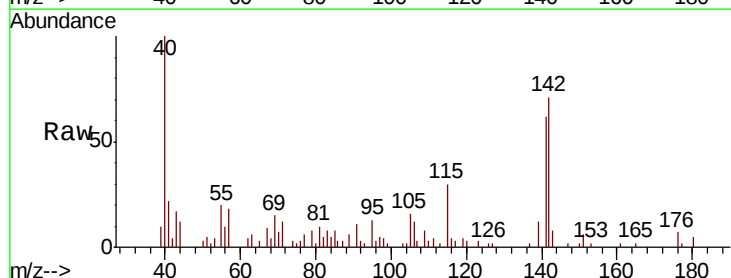
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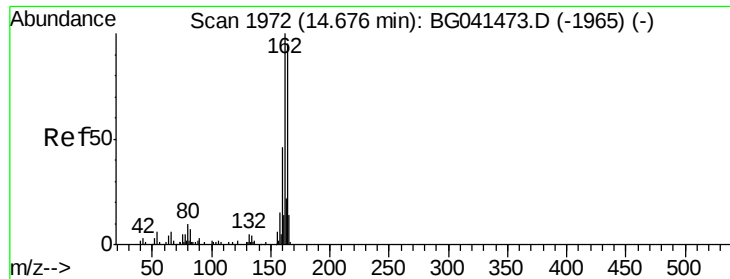
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#37
2-Methylnaphthalene
Concen: 2.337 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041607.D
Acq: 4 Jul 2019 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	11484		
141	88.0	74.8	112.2	
115	42.5	38.0	57.0	





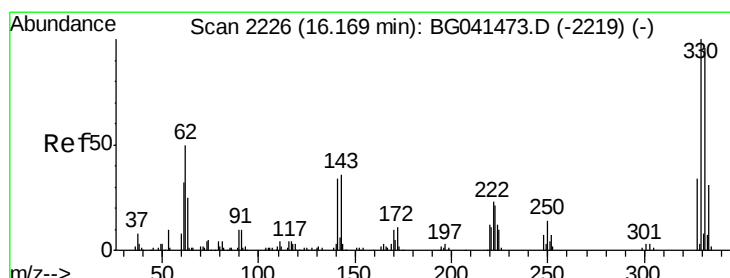
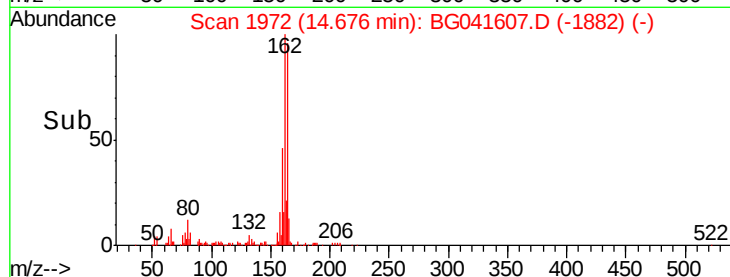
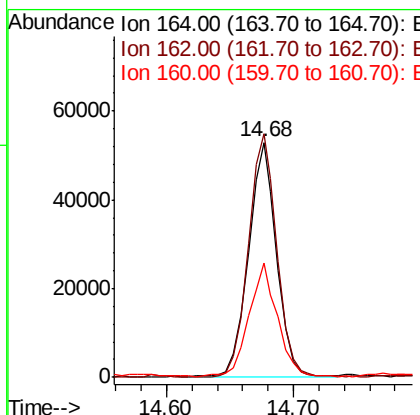
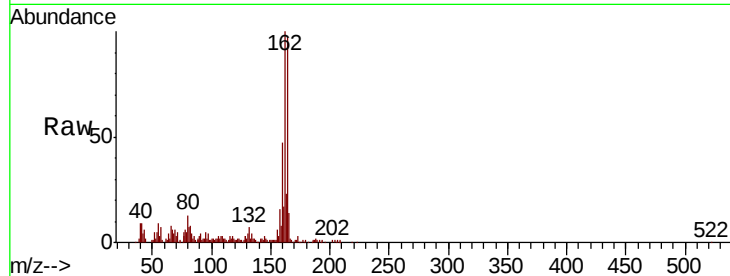
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041607.D
Acq: 4 Jul 2019 2:08

Instrument :
BNA_G
ClientSampleId :
D-1-ROLL-OFF-SOCK-PILE

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.4	126.6
160	48.4	38.8	58.2

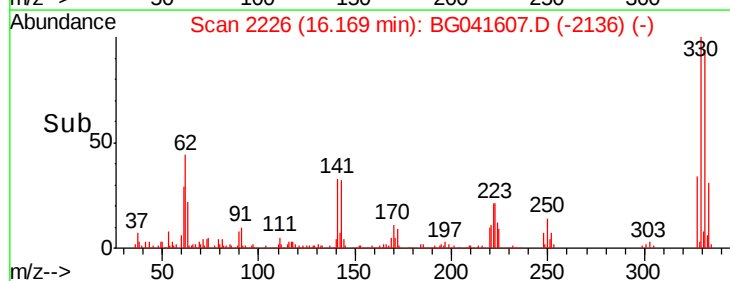
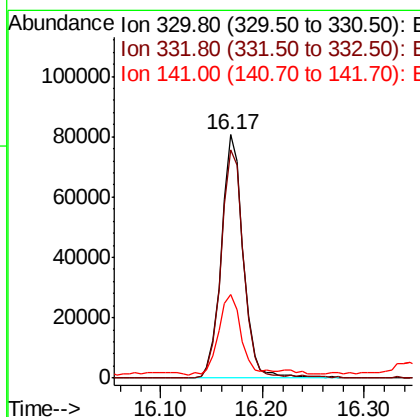
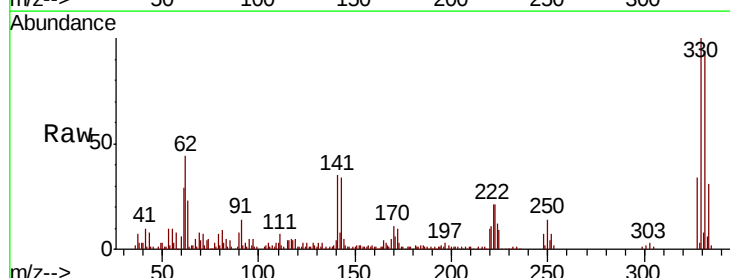
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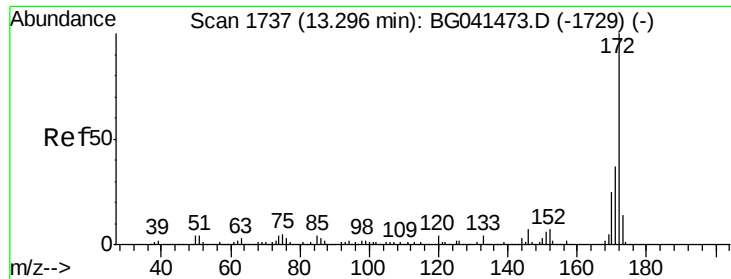
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#42
2,4,6-Tribromophenol
Concen: 87.338 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG041607.D
Acq: 4 Jul 2019 2:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.5	113.3
141	33.5	27.8	41.6





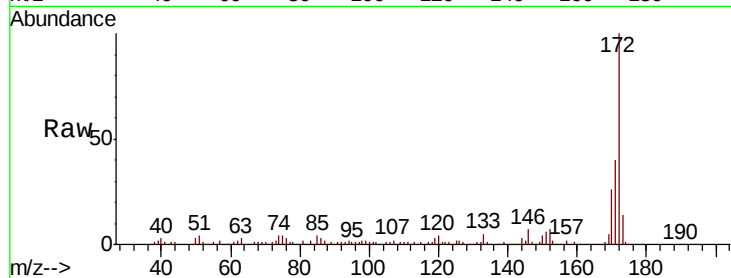
#45
2-Fluorobiphenyl
Concen: 55.687 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041607.D
Acq: 4 Jul 2019 2:08

Instrument :
BNA_G
ClientSampleId :
D-1-ROLL-OFF-SOCK-PILE

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	29.6	44.4
170	25.7	20.0	30.0

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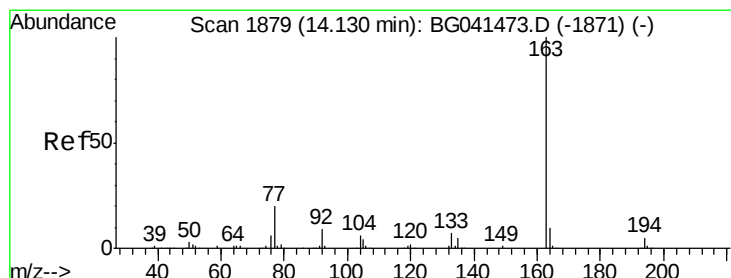
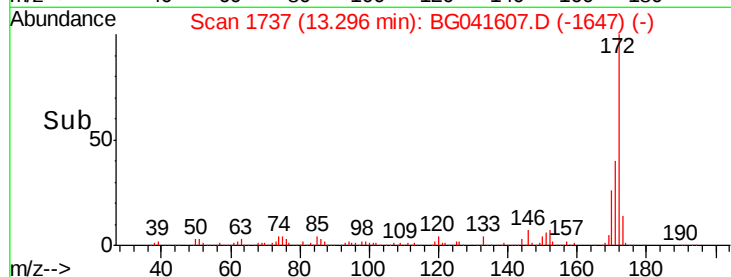
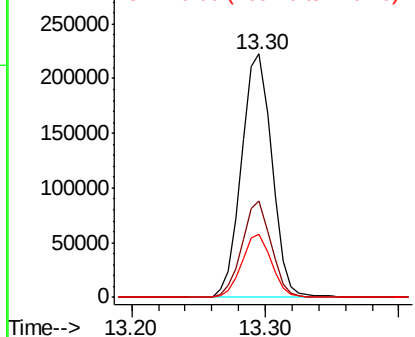


Abundance

Ion 172.00 (171.70 to 172.70): E

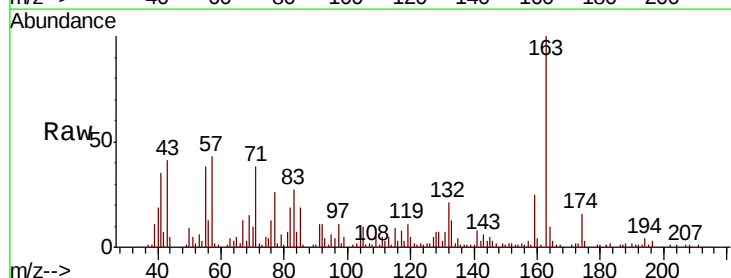
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.958 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG041607.D
Acq: 4 Jul 2019 2:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	10.2	7.8	11.6

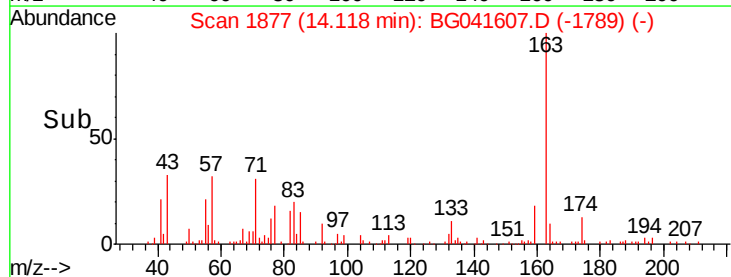
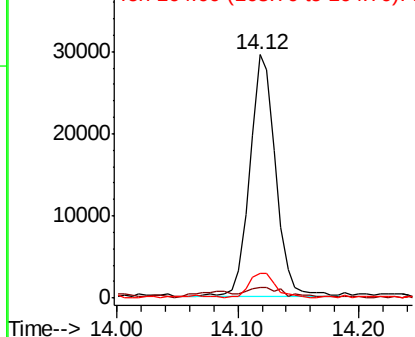


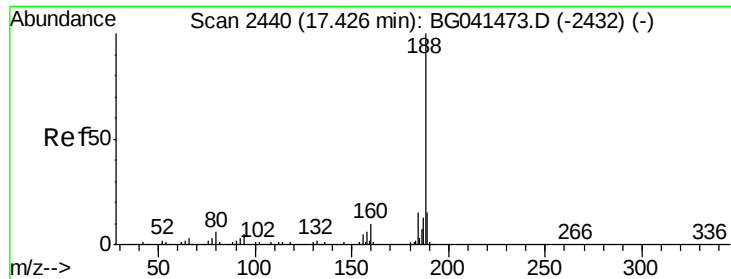
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041607.D

Acq: 4 Jul 2019 2:08

Instrument :

BNA_G

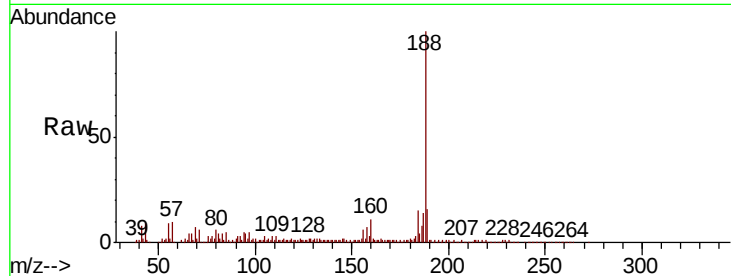
ClientSampleId :

D-1-ROLL-OFF-SOCK-PILE

Tot Ion:	188	Resp:	196902
Ion Ratio	Lower	Upper	
188	100		
94	4.8	3.8	5.8
80	6.2	4.8	7.2

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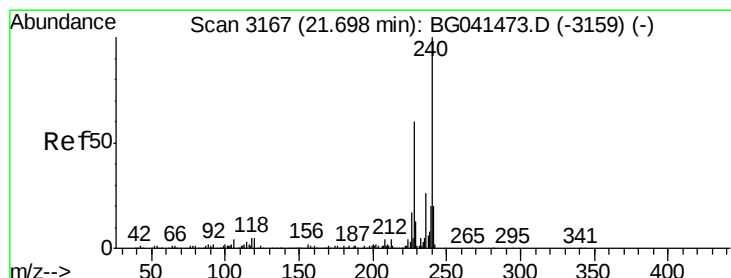
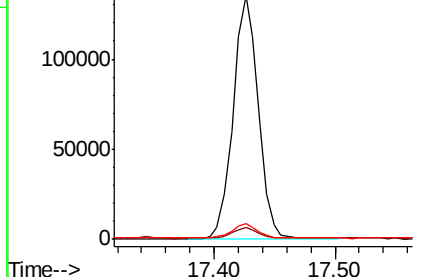
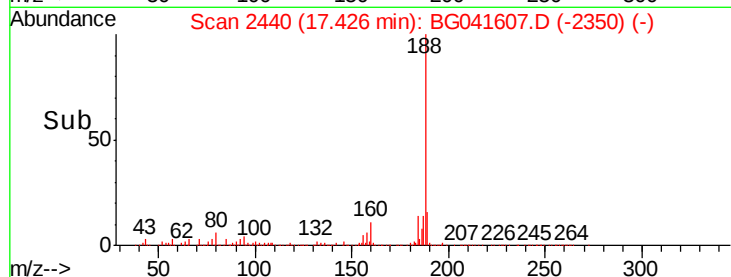
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

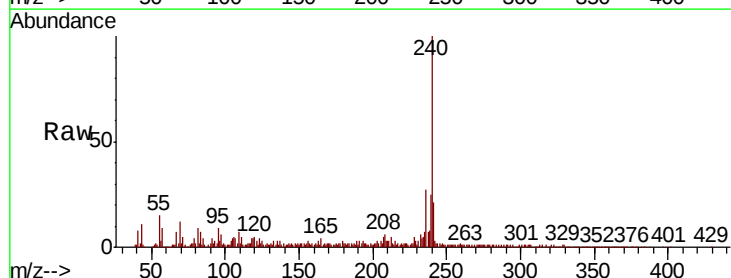
RT: 21.70 min Scan# 3168

Delta R.T. 0.01 min

Lab File: BG041607.D

Acq: 4 Jul 2019 2:08

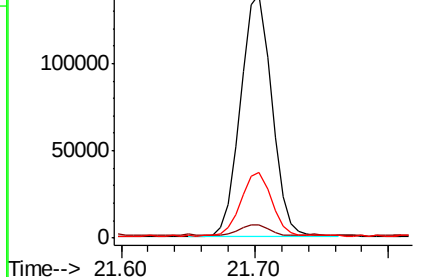
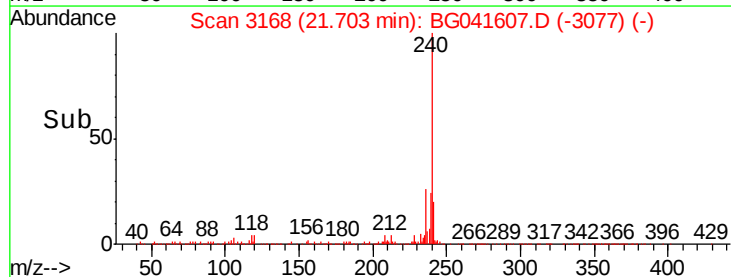
Tgt Ion:	240	Resp:	226622
Ion Ratio	Lower	Upper	
240	100		
120	5.4	3.7	5.5
236	26.8	20.8	31.2

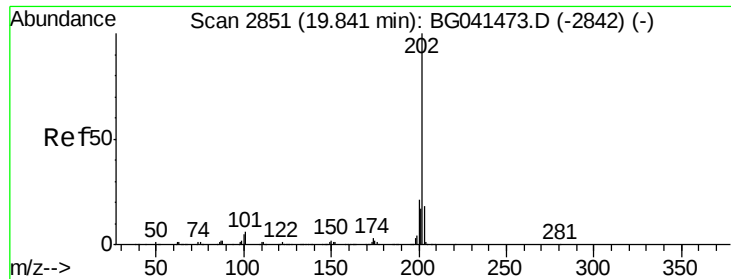


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.115 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG041607.D

Acq: 4 Jul 2019 2:08

Instrument :

BNA_G

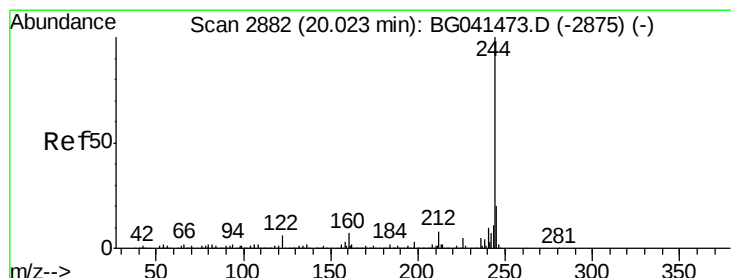
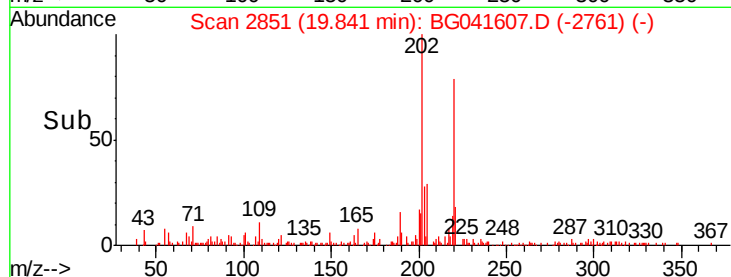
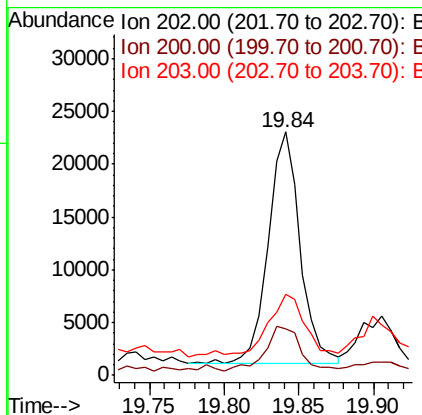
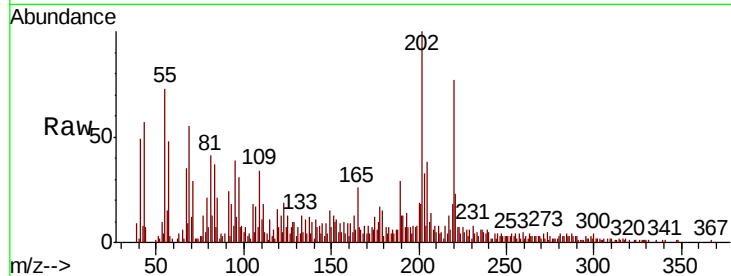
ClientSampleId :

D-1-ROLL-OFF-SOCK-PILE

Tot Ion:	202	Resp:	32727
Ion Ratio	Lower	Upper	
202	100		
200	19.2	16.8	25.2
203	33.3	14.2	21.4#

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#79

Terphenyl-d14

Concen: 56.650 ng

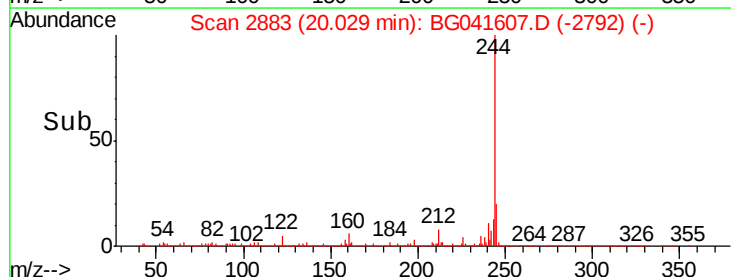
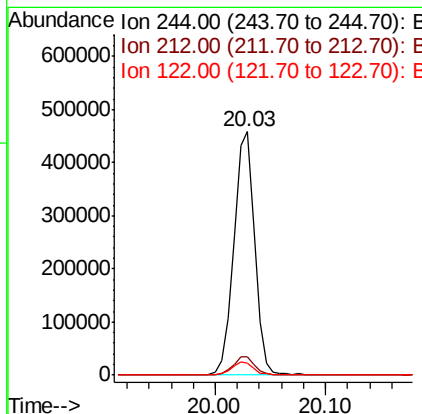
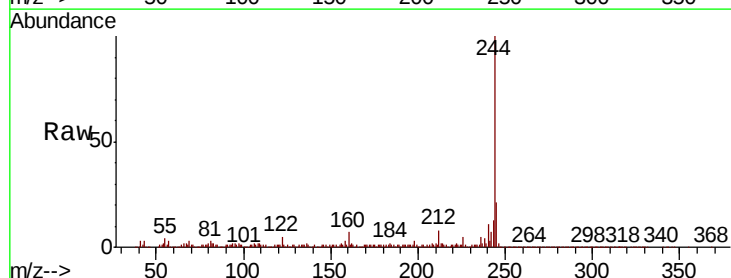
RT: 20.03 min Scan# 2883

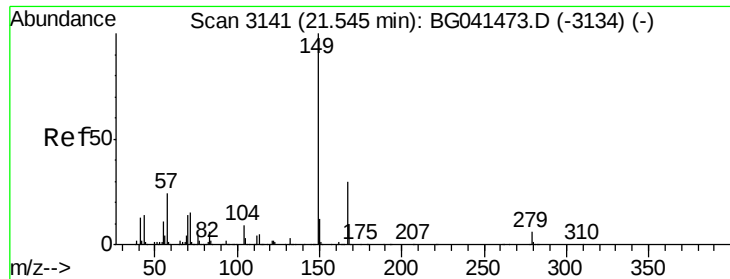
Delta R.T. 0.01 min

Lab File: BG041607.D

Acq: 4 Jul 2019 2:08

Tgt Ion:	244	Resp:	604120
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.4
122	5.1	4.8	7.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.354 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG041607.D

Acq: 4 Jul 2019 2:08

Instrument :

BNA_G

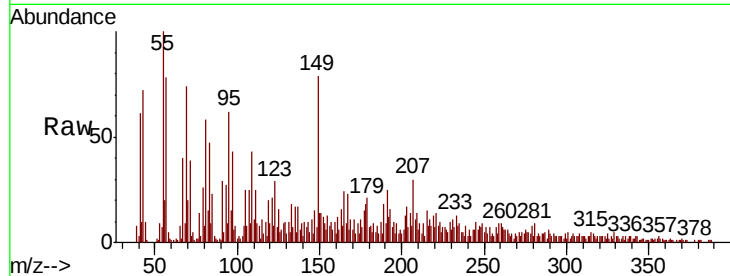
ClientSampleId :

D-1-ROLL-OFF-SOCK-PILE

Tot Ion:	149	Resp:	19281
Ion Ratio	Lower	Upper	
149	100		
167	28.5	23.6	35.4
279	10.4	5.0	7.6#

Manual Integrations
APPROVED

mohammad
7/5/2019 8:43:22 AM

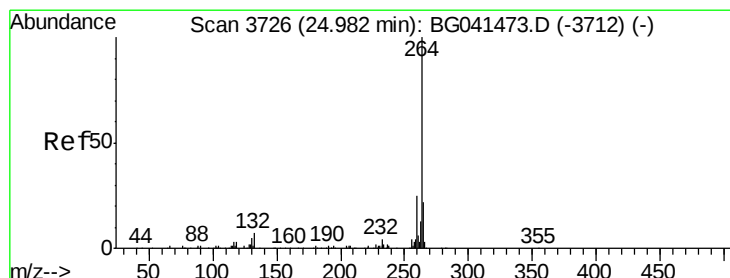
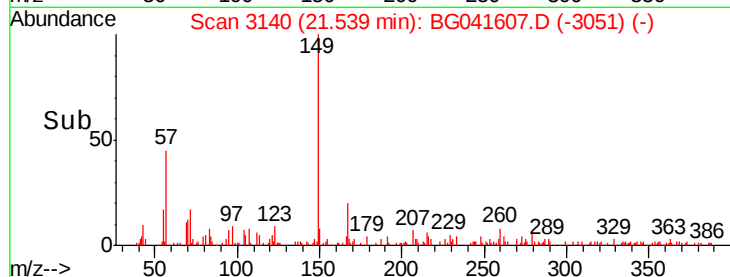
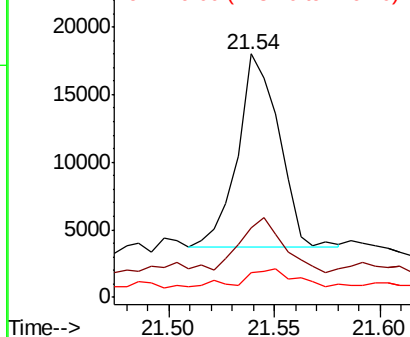


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

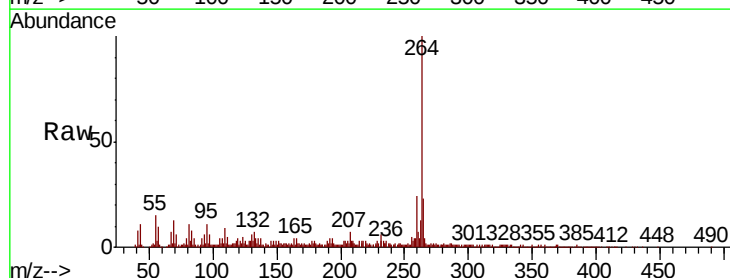
RT: 25.00 min Scan# 3729

Delta R.T. 0.02 min

Lab File: BG041607.D

Acq: 4 Jul 2019 2:08

Tgt Ion:	264	Resp:	251428
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.7	29.5
265	23.0	17.4	26.2



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

