

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043484.D
 Acq On : 4 Nov 2019 17:12
 Operator : JU
 Sample : K5612-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

Manual Integrations
 APPROVED

mohammad
 11/5/2019 10:41:08 AM

Quant Time: Nov 05 10:31:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	42713	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	167461	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	662907m	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	274508	20.00	ng	0.00
76) Chrysene-d12	21.65	240	312638	20.00	ng	0.00
87) Perylene-d12	24.85	264	372691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	171659	73.64	ng	0.00
7) Phenol-d6	7.19	99	168788	50.33	ng	0.00
23) Nitrobenzene-d5	9.17	82	216095	66.53	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	228417	18.11	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	569771	11.88	ng	0.00
79) Terphenyl-d14	20.00	244	1154852	69.30	ng	0.00
Target Compounds						
6) Aniline	7.34	93	10481	2.713	ng	94
10) Phenol	7.22	94	29141	9.509	ng	95
32) Benzoic acid	10.22	122	106918	62.118	ng	94
50) Dimethylphthalate	14.09	163	175055	3.409	ng	98
74) Di-n-butylphthalate	18.34	149	145518	9.417	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	42370	4.068	ng	99

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

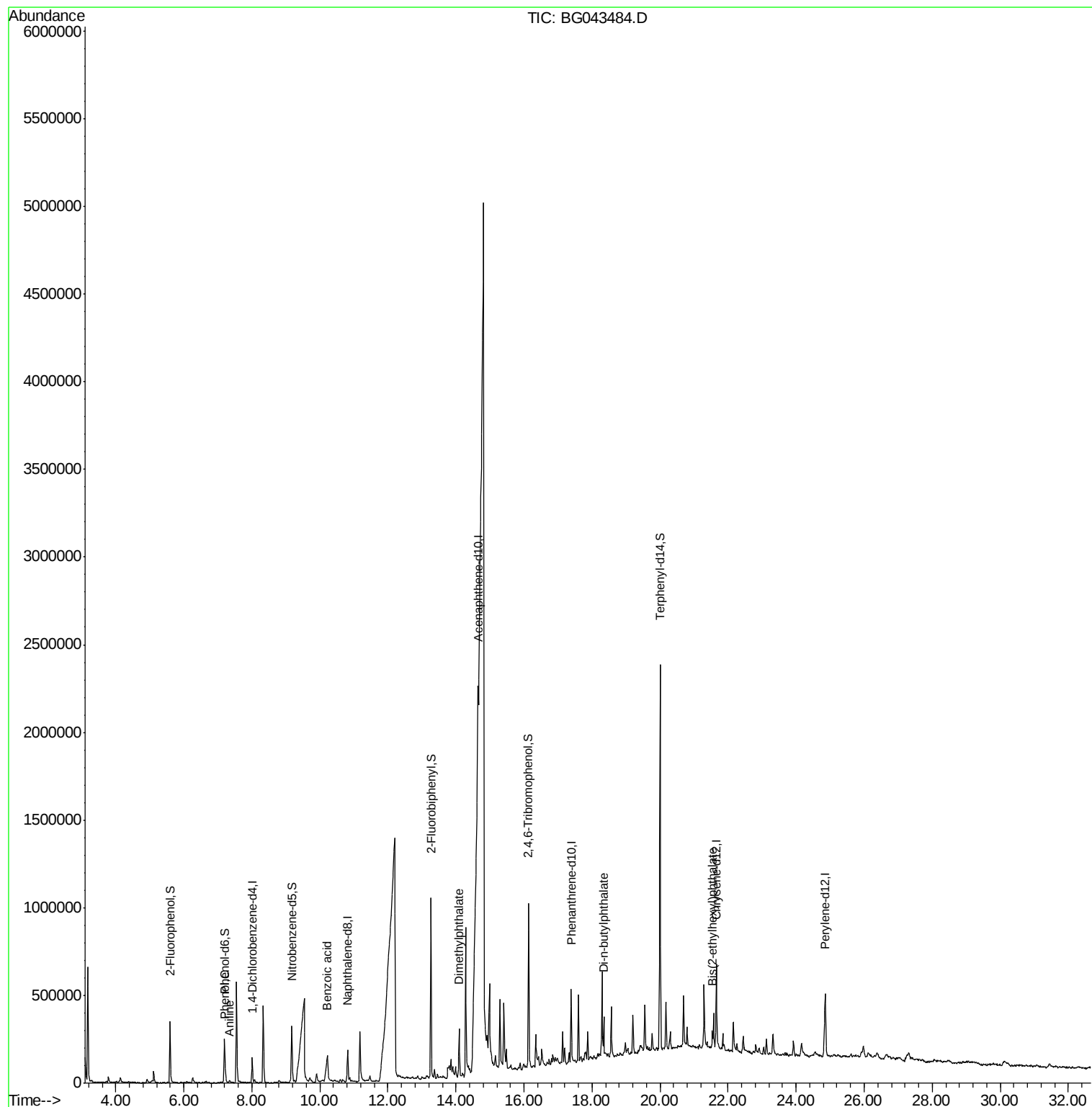
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
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Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

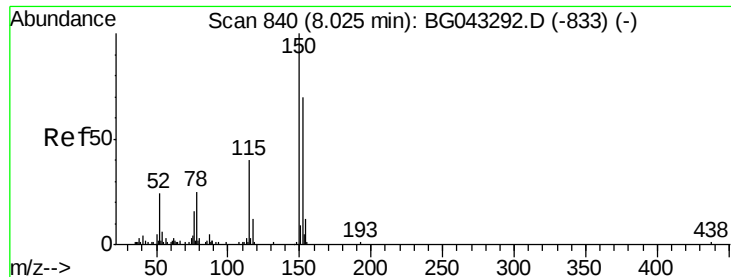
Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

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Quant Time: Nov 05 10:31:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

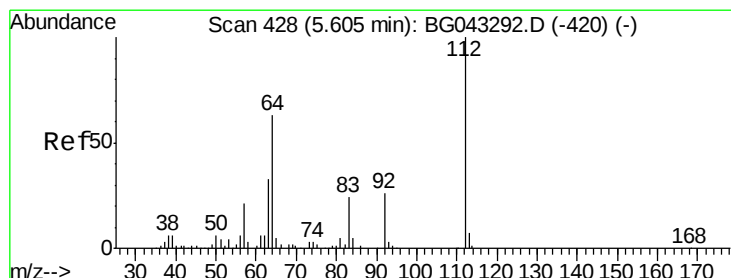
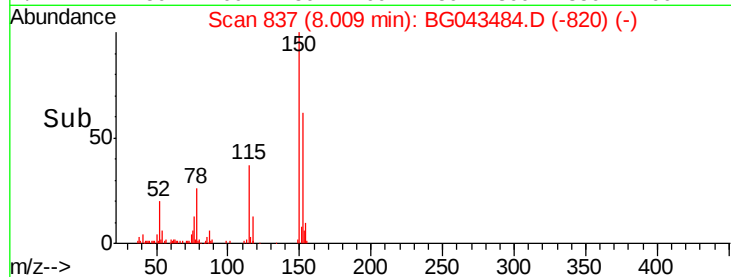
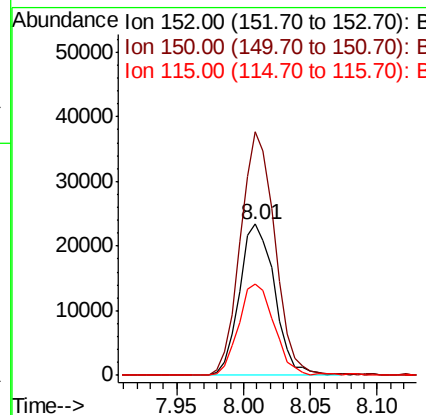
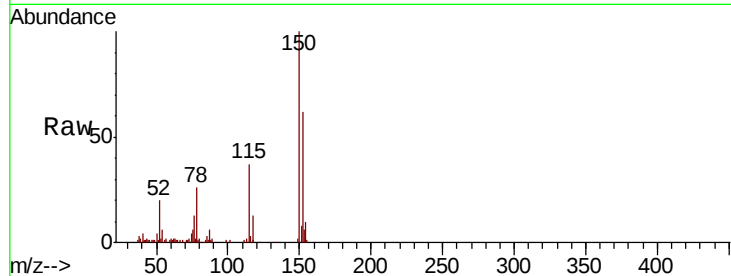
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	129.4	194.0
115	60.2	48.8	73.2

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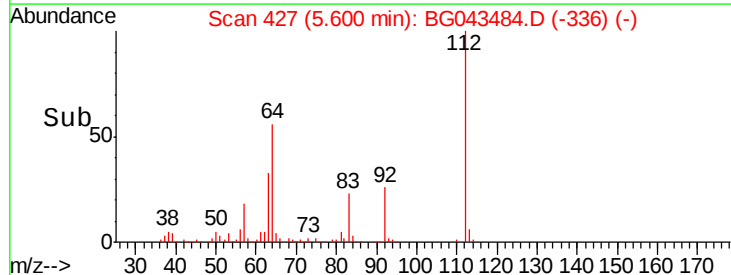
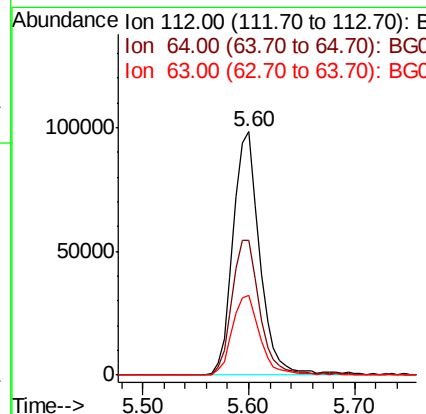
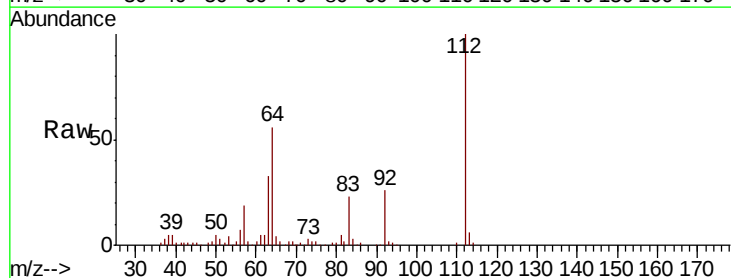
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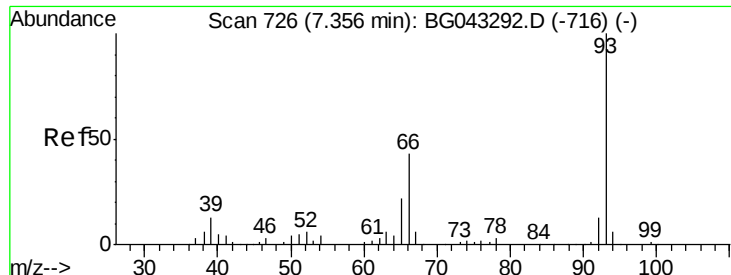


#5

2-Fluorophenol
Concen: 73.644 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	50.0	75.0
63	32.6	26.6	40.0





#6

Aniline

Concen: 2.713 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

Instrument :

BNA_G

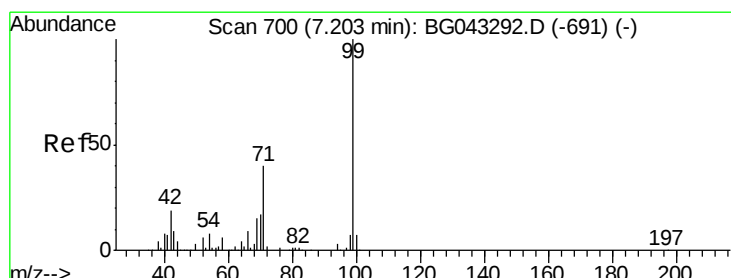
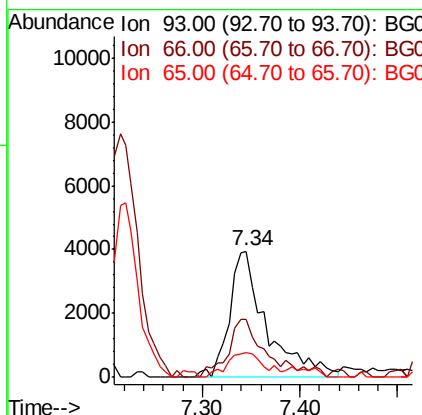
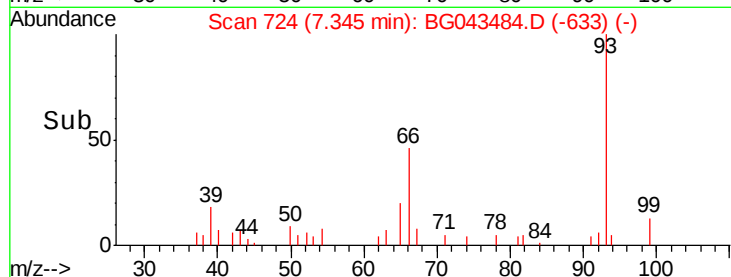
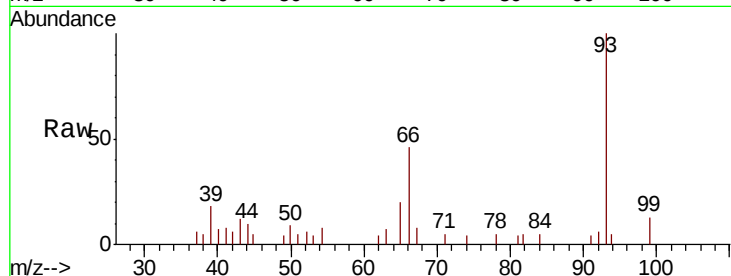
ClientSampleID :

DRUM-COMP

Tot Ion:	93	Resp:	10481
Ion	Ratio	Lower	Upper
93	100		
66	45.8	32.3	48.5
65	19.6	16.1	24.1

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#7

Phenol-d6

Concen: 50.330 ng

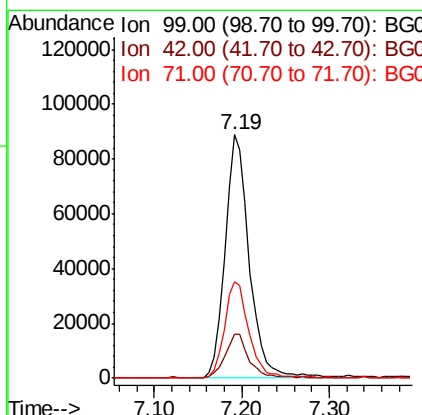
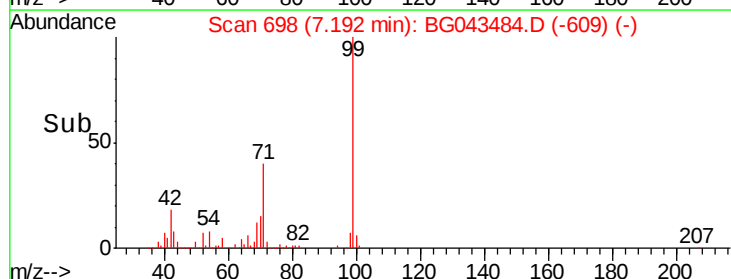
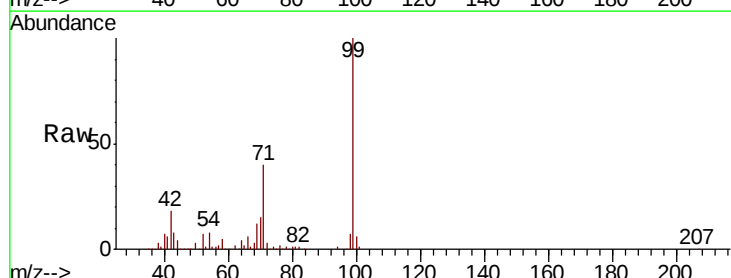
RT: 7.19 min Scan# 698

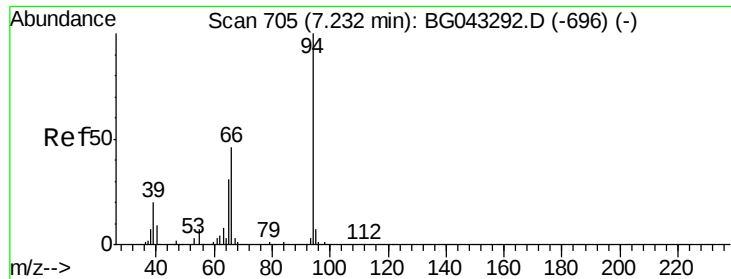
Delta R.T. -0.00 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

Tgt Ion:	99	Resp:	168788
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	21.8
71	39.5	32.5	48.7





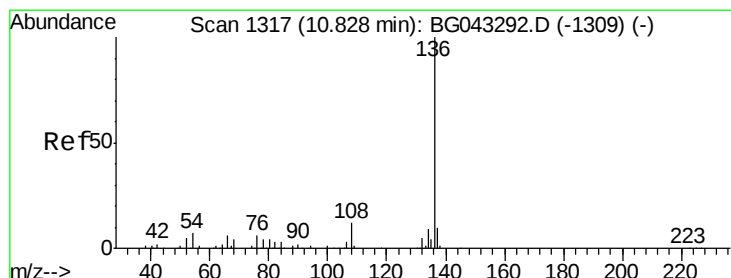
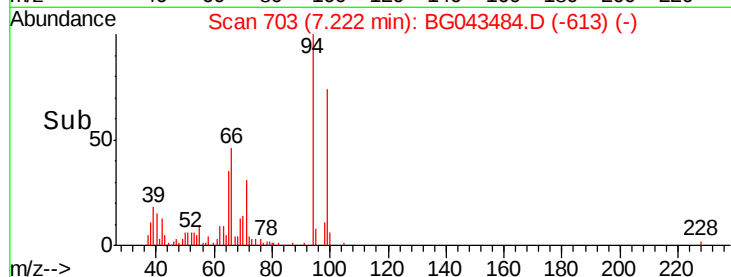
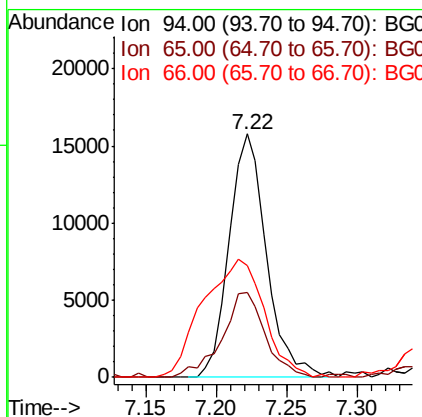
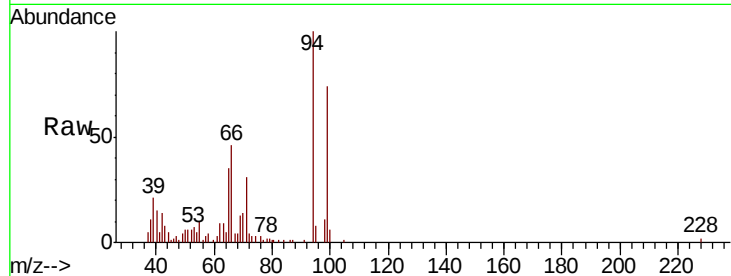
#10
Phenol
Concen: 9.509 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
94	100		
65	34.6	12.6	52.6
66	46.1	30.7	70.7

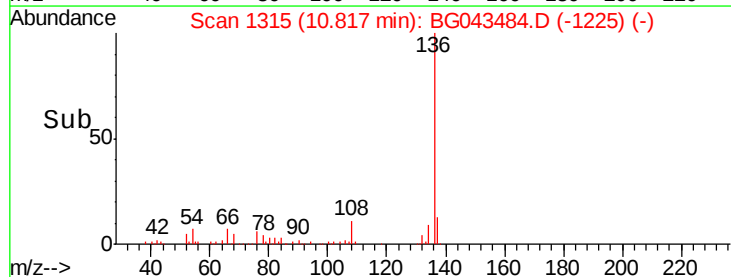
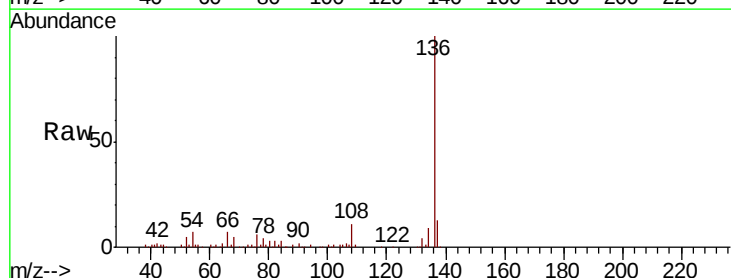
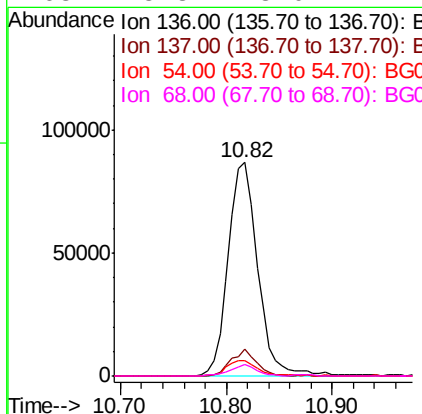
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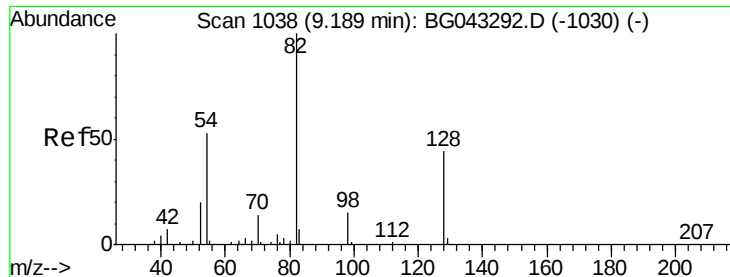
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.8	8.7	13.1
54	7.4	5.4	8.2
68	5.3	3.0	4.4#





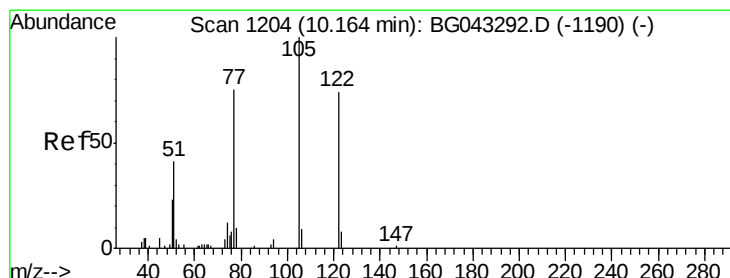
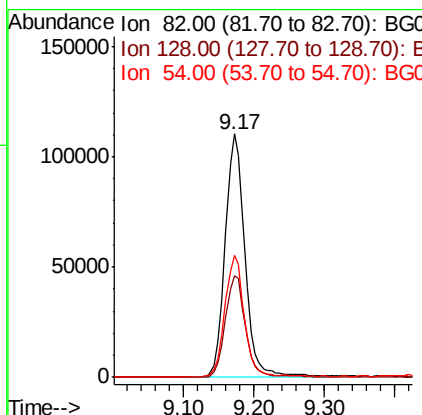
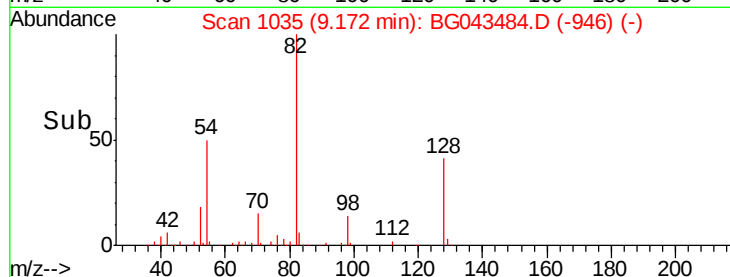
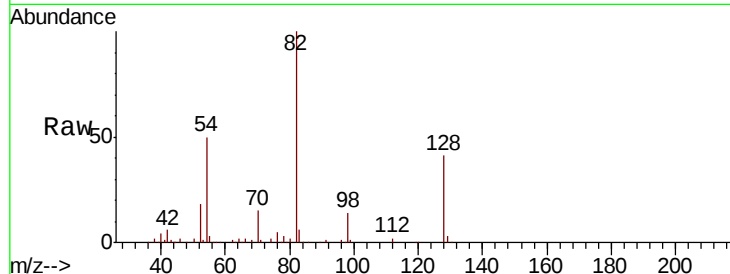
#23
Nitrobenzene-d5
Concen: 66.527 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Instrument :
BNA_G
ClientSampled :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.0	52.6
54	50.3	40.2	60.2

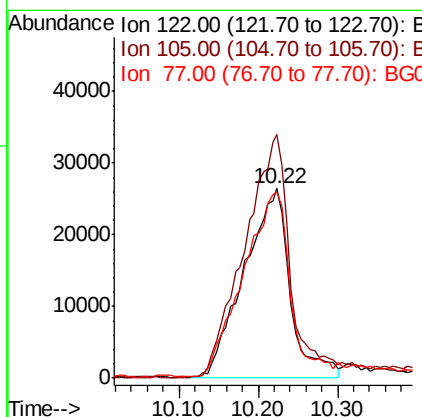
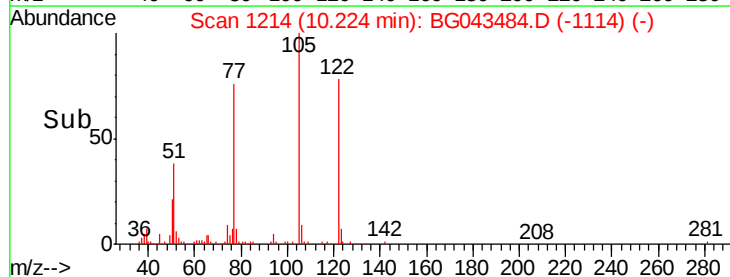
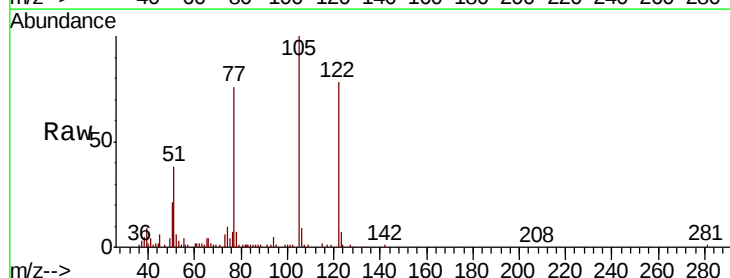
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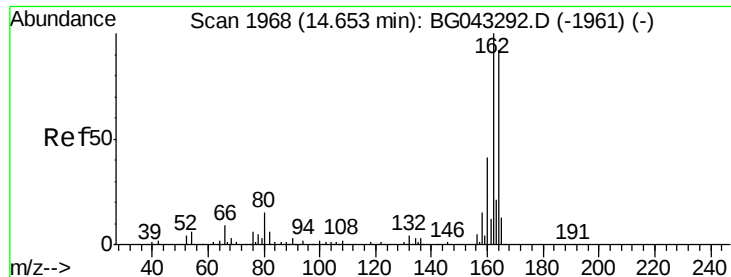
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#32
Benzoic acid
Concen: 62.118 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.06 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	103.3	143.3
77	98.2	84.9	124.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

Tot Ion:164 Resp: 662907
Ion Ratio Lower Upper

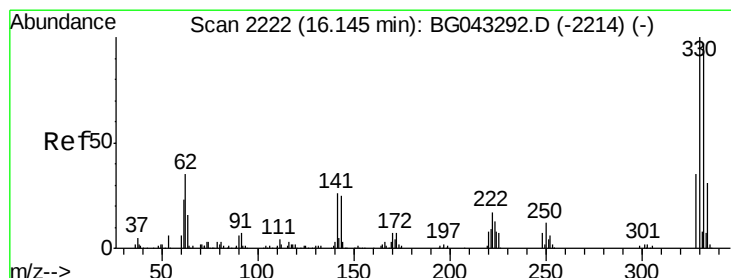
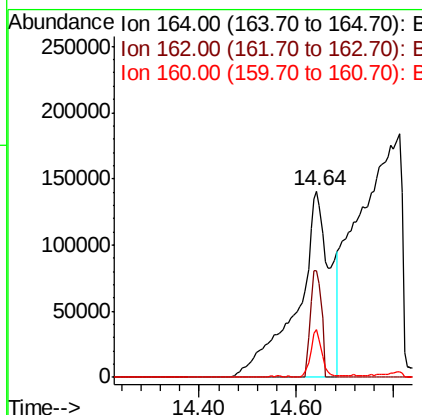
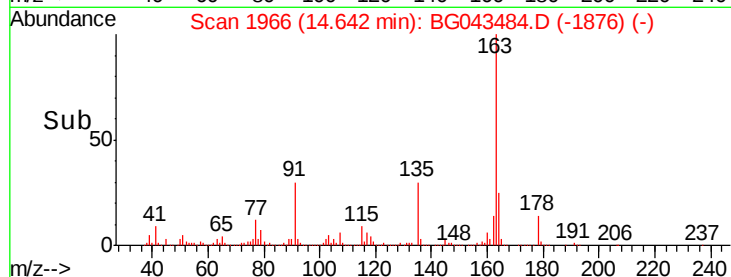
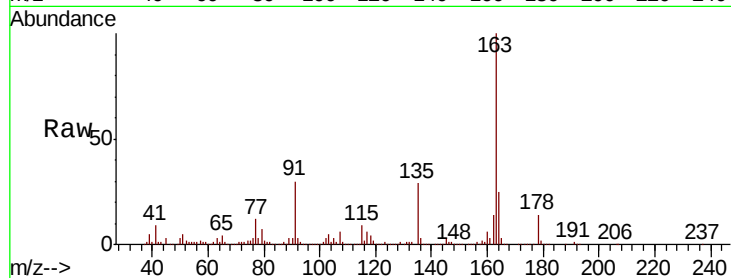
164 100

162 57.4 83.5 125.3#

160 25.5 36.5 54.7#

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#42

2,4,6-Tribromophenol

Concen: 18.107 ng

RT: 16.13 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BG043484.D

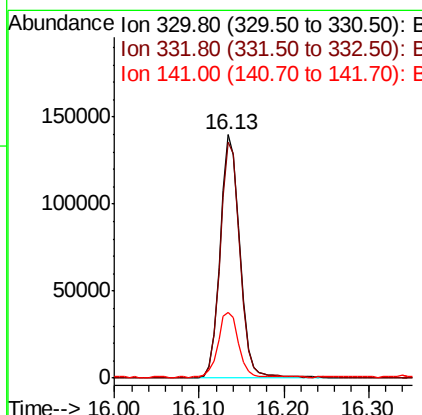
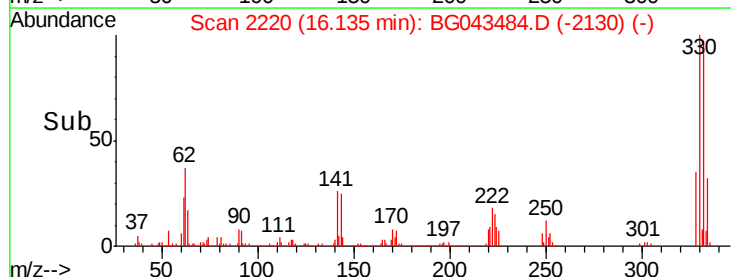
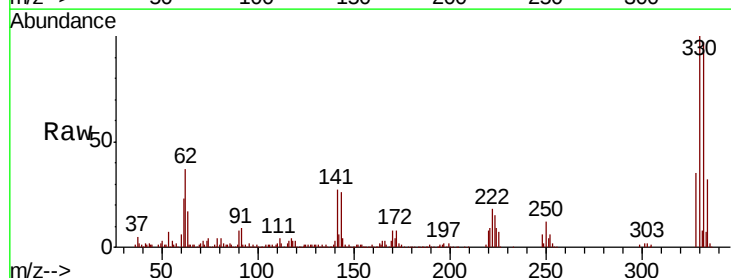
Acq: 4 Nov 2019 17:12

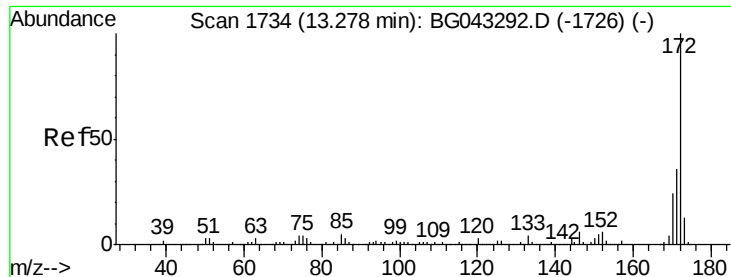
Tgt Ion:330 Resp: 228417
Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

141 27.6 22.8 34.2





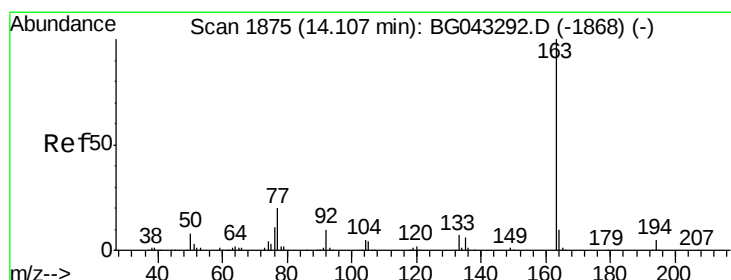
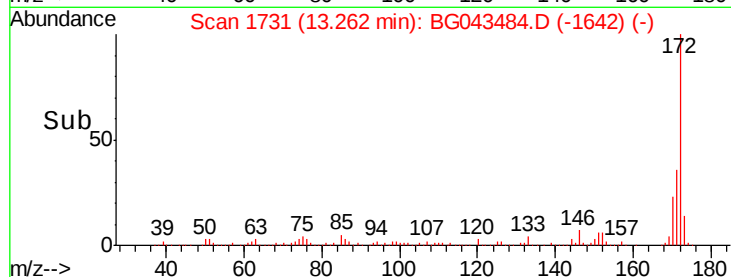
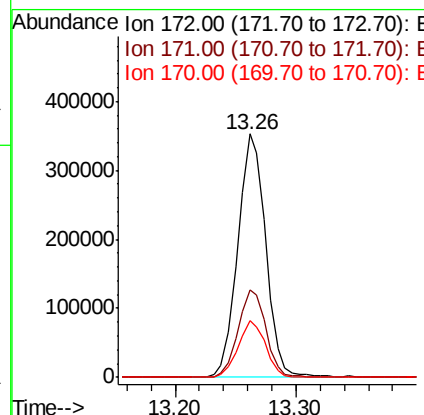
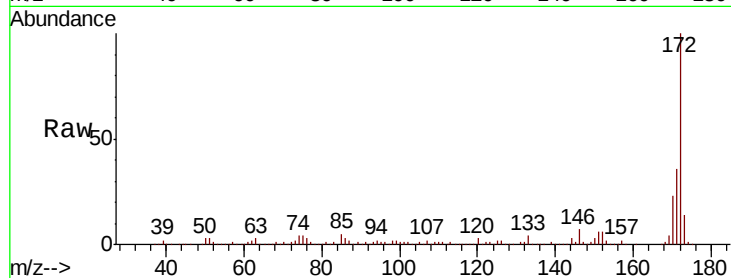
#45
2-Fluorobiphenyl
Concen: 11.877 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.1	18.5	27.7

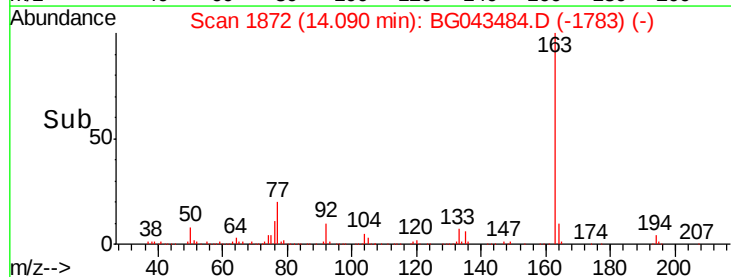
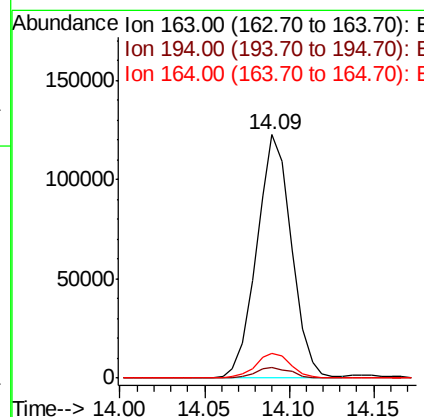
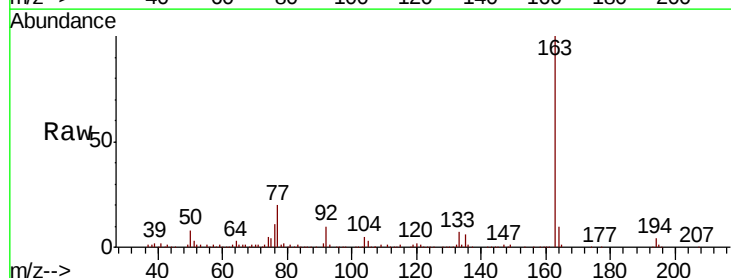
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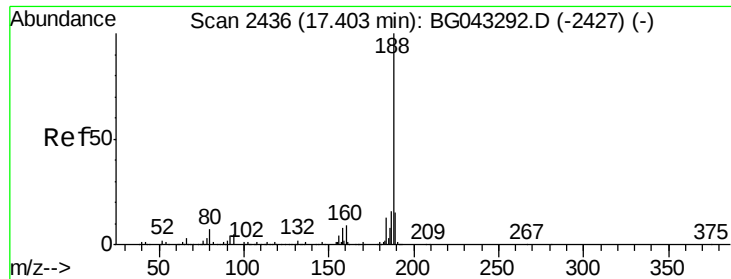
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#50
Dimethylphthalate
Concen: 3.409 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG043484.D
Acq: 4 Nov 2019 17:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	10.1	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

Instrument :

BNA_G

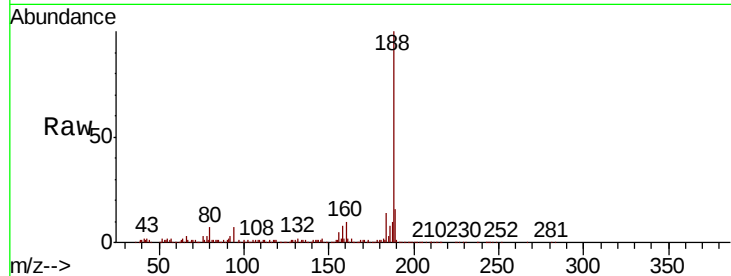
ClientSampleId :

DRUM-COMP

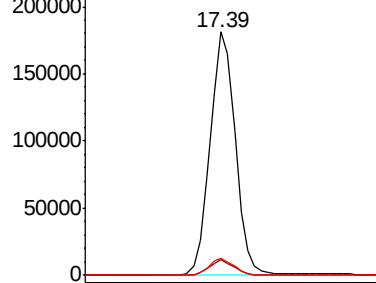
Tot Ion	Ratio	Resp	Lower	Upper
188	100	274508		
94	6.6		4.2	6.4#
80	6.8		4.5	6.7#

Manual Integrations
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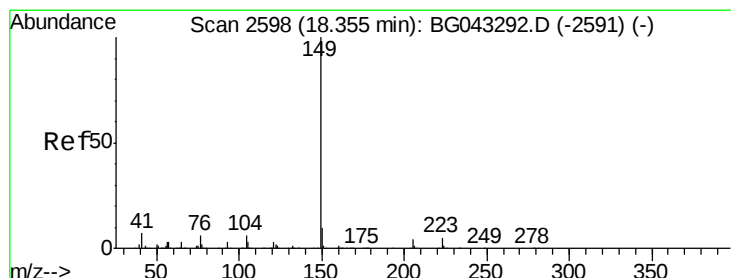
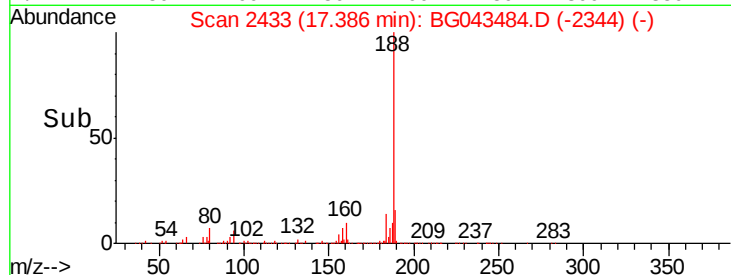
mohammad
11/5/2019 10:41:08 AM



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG



Time-->



#74

Di-n-butylphthalate

Concen: 9.417 ng

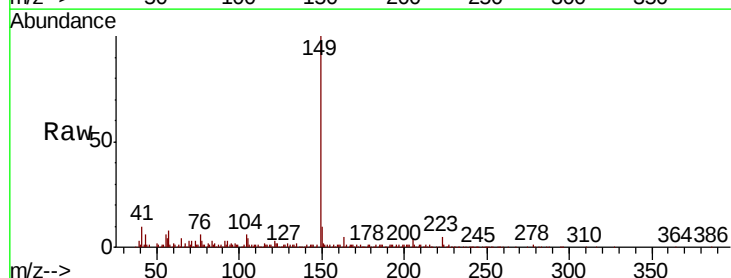
RT: 18.34 min Scan# 2596

Delta R.T. 0.00 min

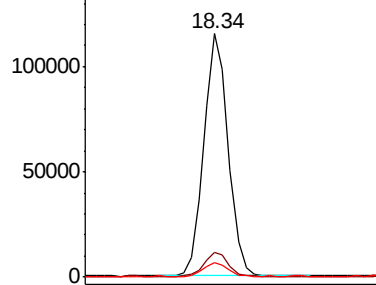
Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

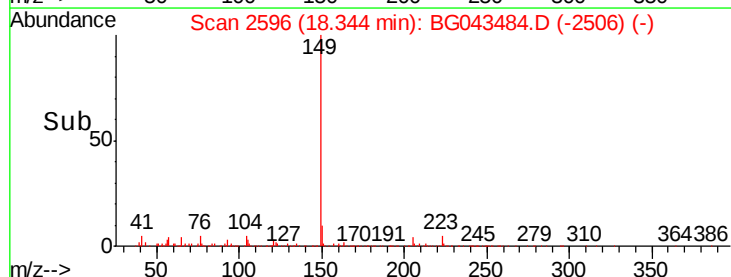
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	145518		
150	10.0		8.0	12.0
104	5.9		4.4	6.6

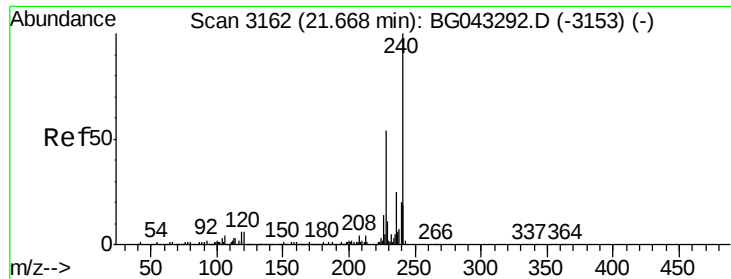


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

Instrument :

BNA_G

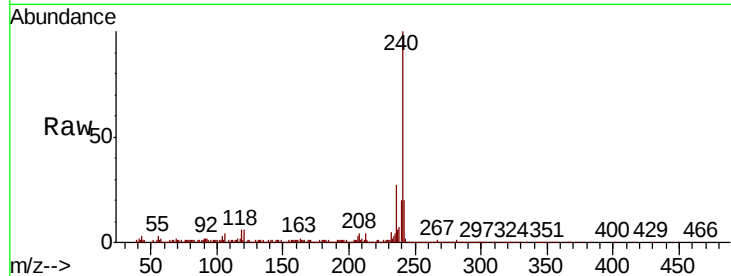
ClientSampleId :

DRUM-COMP

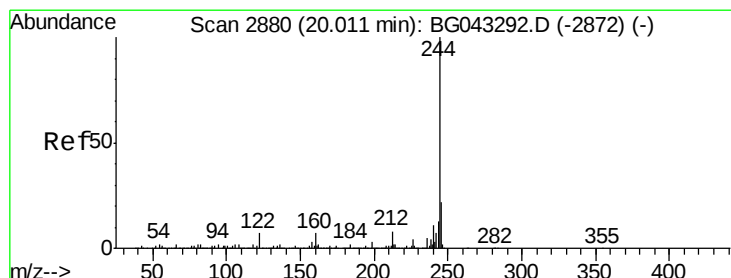
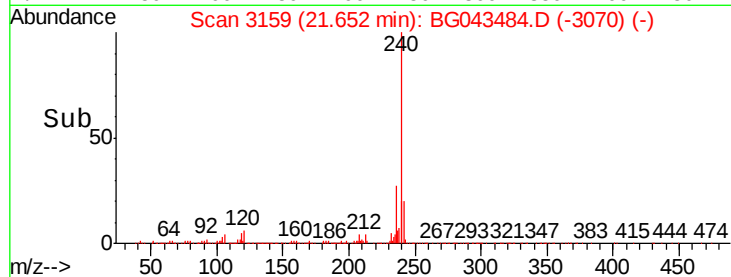
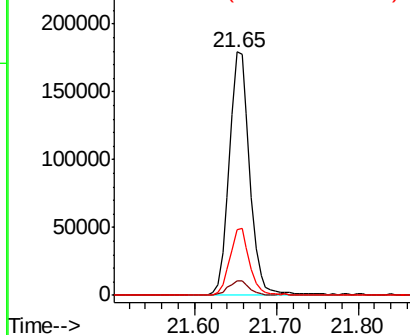
Tot Ion:	240	Resp:	312638
Ion Ratio	Lower	Upper	
240	100		
120	5.8	4.6	6.8
236	26.9	19.8	29.8

Manual Integrations
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11/5/2019 10:41:08 AM



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



#79

Terphenyl-d14

Concen: 69.300 ng

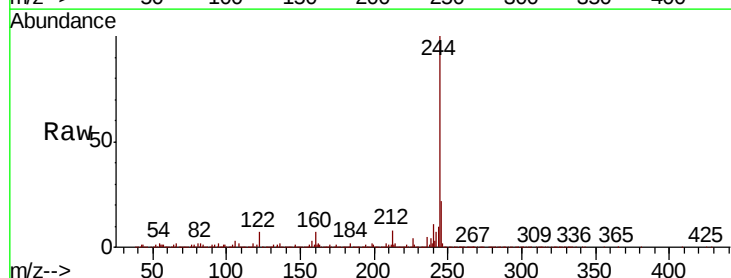
RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

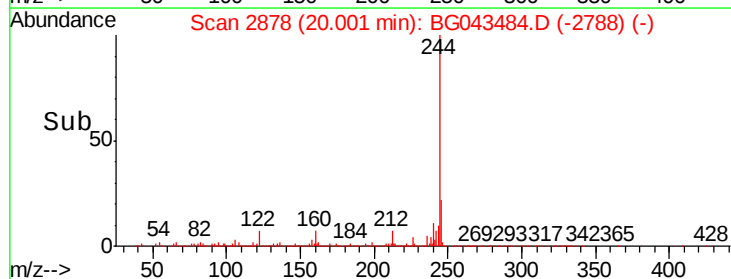
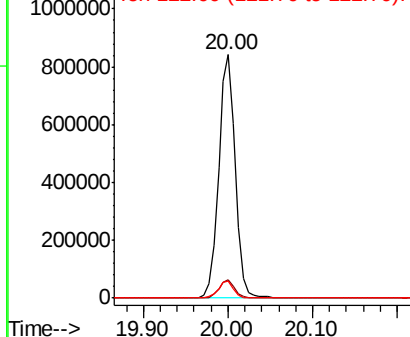
Lab File: BG043484.D

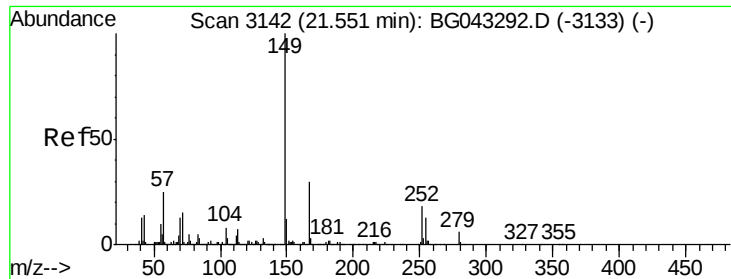
Acq: 4 Nov 2019 17:12

Tgt Ion:	244	Resp:	1154852
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.8	8.6
122	6.8	5.4	8.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.068 ng

RT: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

Instrument :

BNA_G

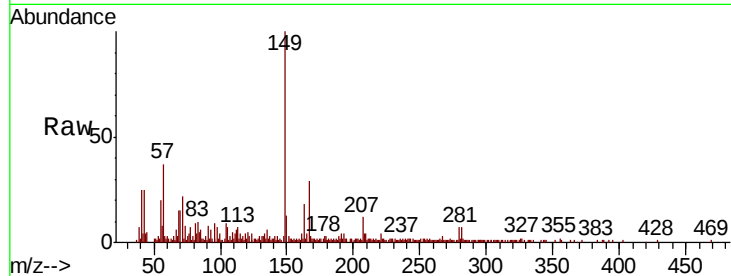
ClientSampleId :

DRUM-COMP

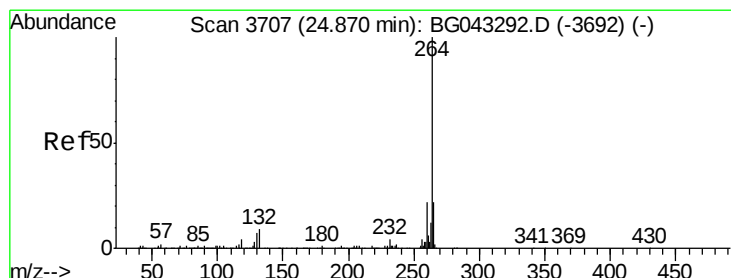
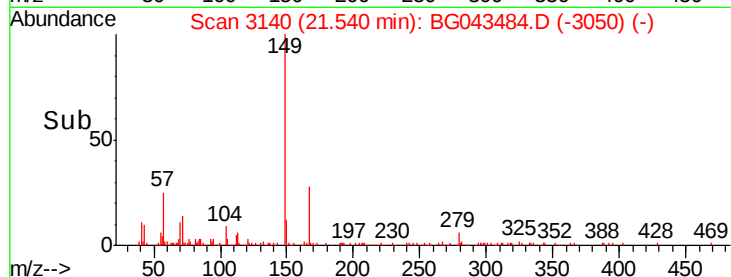
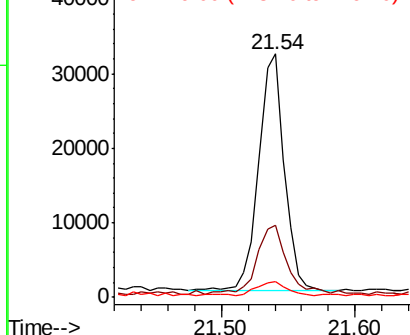
Tot Ion:	149	Resp:	42370
Ion Ratio	Lower	Upper	
149	100		
167	29.4	24.0	36.0
279	6.7	5.4	8.2

Manual Integrations
APPROVED

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11/5/2019 10:41:08 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

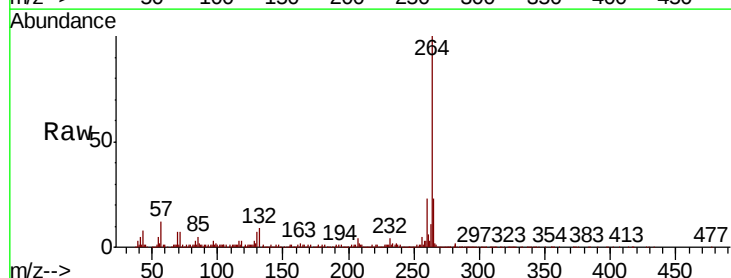
RT: 24.85 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BG043484.D

Acq: 4 Nov 2019 17:12

Tgt Ion:	264	Resp:	372691
Ion Ratio	Lower	Upper	
264	100		
260	22.9	17.5	26.3
265	23.4	17.4	26.0



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

