

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044996.D
 Acq On : 16 Apr 2020 00:16
 Operator : CG/JU
 Sample : L2252-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH-PIT

Manual Integrations
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Quant Time: Apr 16 05:29:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	70052	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	296741	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	227446	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	575742	20.00	ng	0.00
76) Chrysene-d12	21.66	240	560448	20.00	ng	0.00
87) Perylene-d12	24.85	264	615987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	508639	119.87	ng	0.00
7) Phenol-d6	7.18	99	720796	114.33	ng	0.00
23) Nitrobenzene-d5	9.18	82	626246	96.30	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	531874	151.37	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1522887	98.18	ng	0.00
79) Terphenyl-d14	20.01	244	2605699	101.33	ng	0.00
Target Compounds						
6) Aniline	7.34	93	19615	2.393	ng	Qvalue # 88
20) 3+4-Methylphenols	8.79	107	189767	27.854	ng	91
32) Benzoic acid	10.09	122	5352m	7.635	ng	
50) Dimethylphthalate	14.10	163	76568	4.134	ng	# 96

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

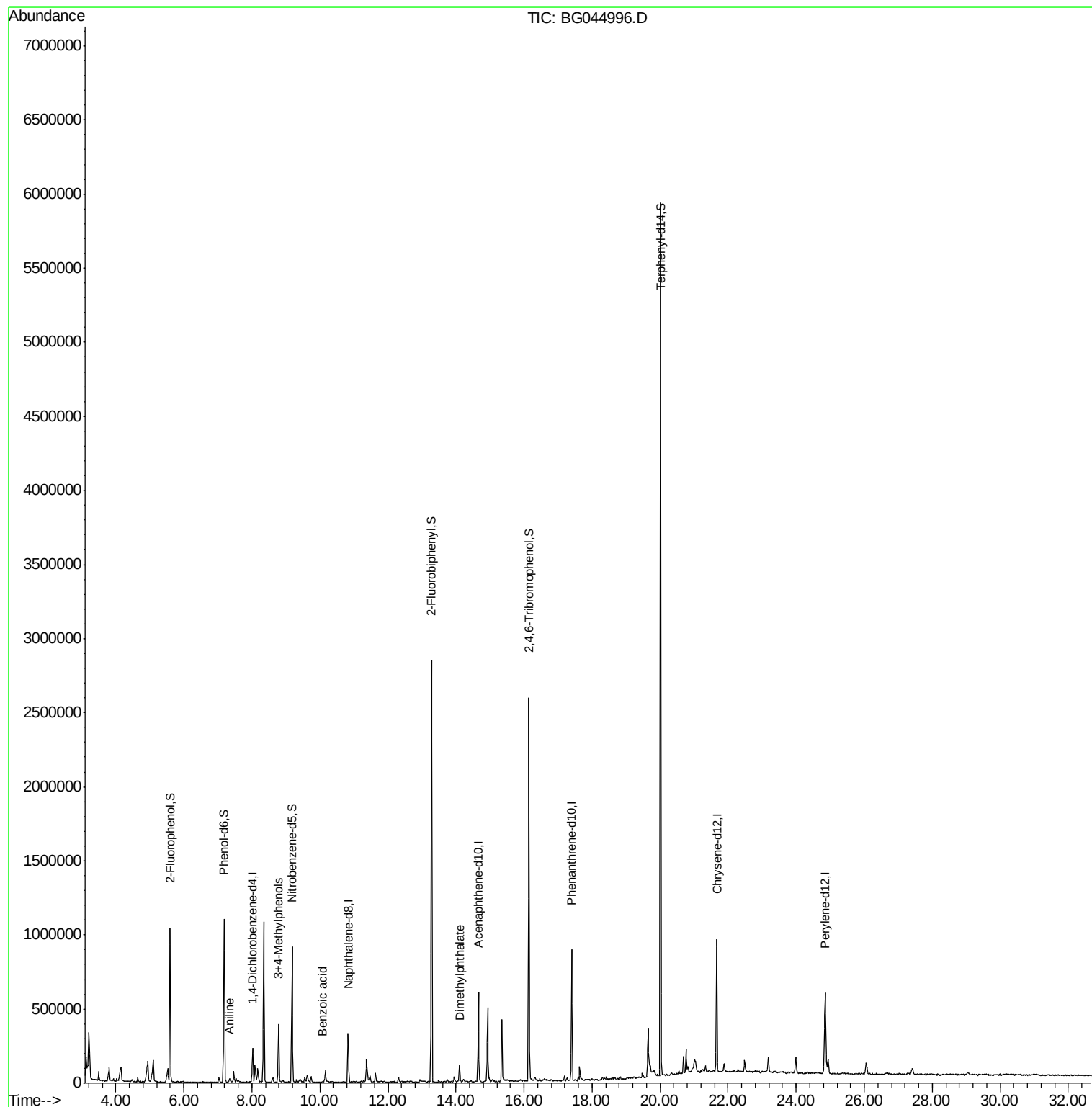
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044996.D
Acq On : 16 Apr 2020 00:16
Operator : CG/JU
Sample : L2252-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

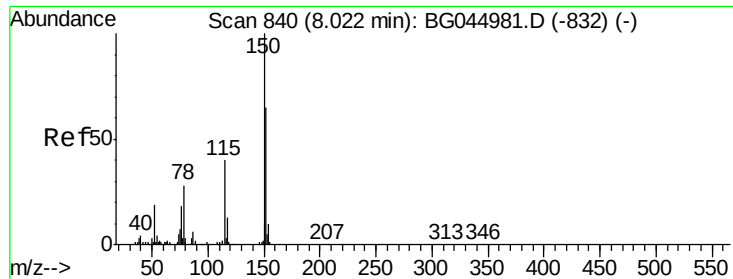
Instrument :
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#1

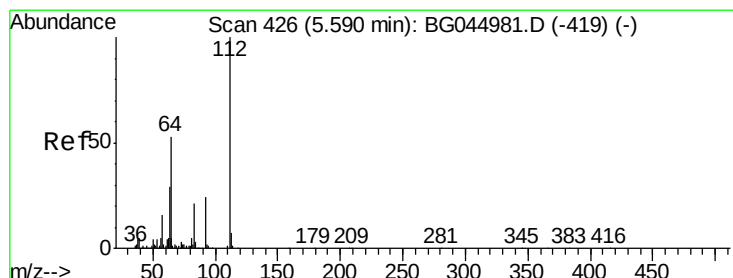
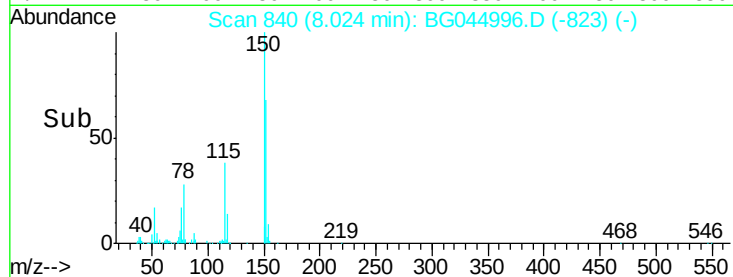
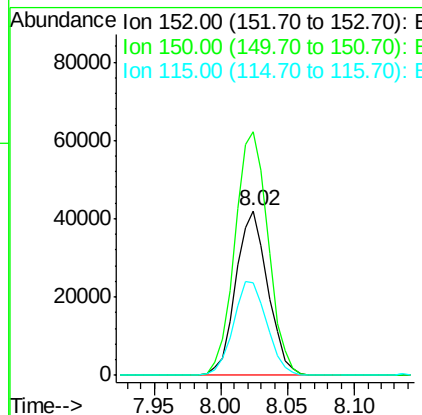
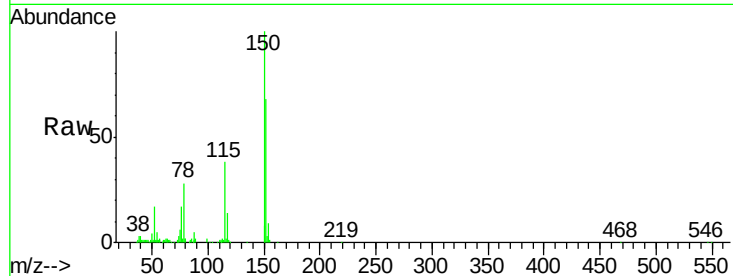
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG044996.D
Acq: 16 Apr 2020 00:16

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-PIT

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	123.6	185.4
115	56.1	49.1	73.7

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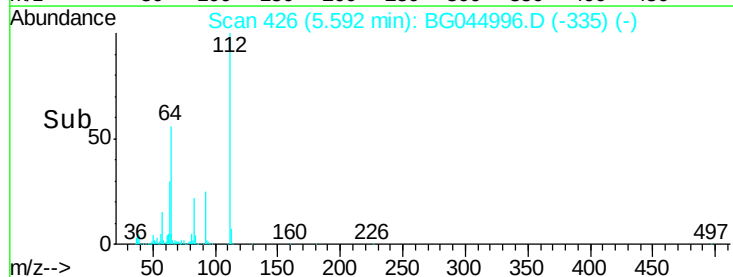
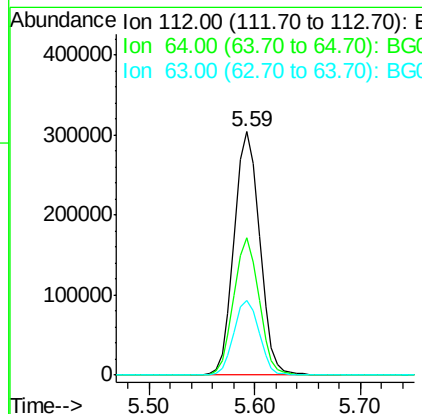
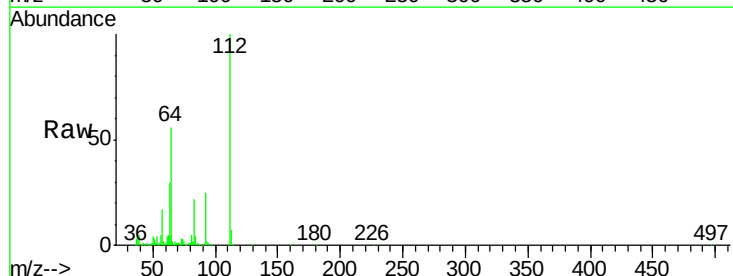
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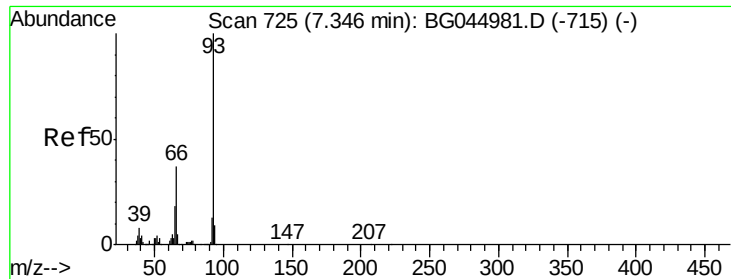


#5

2-Fluorophenol
Concen: 119.873 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG044996.D
Acq: 16 Apr 2020 00:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	42.4	63.6
63	30.5	23.1	34.7





#6

Aniline

Concen: 2.393 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG044996.D

Acq: 16 Apr 2020 00:16

Instrument :

BNA_G

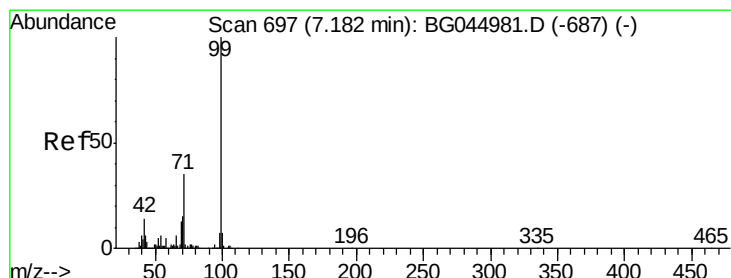
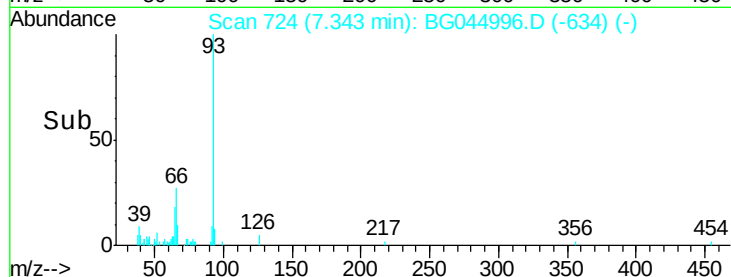
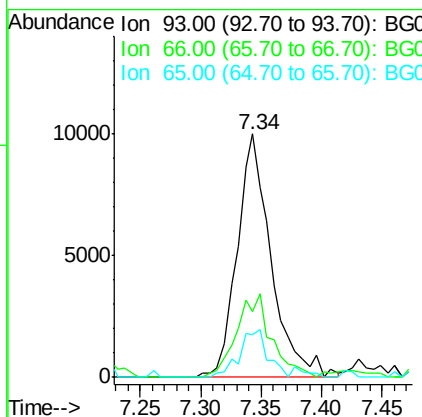
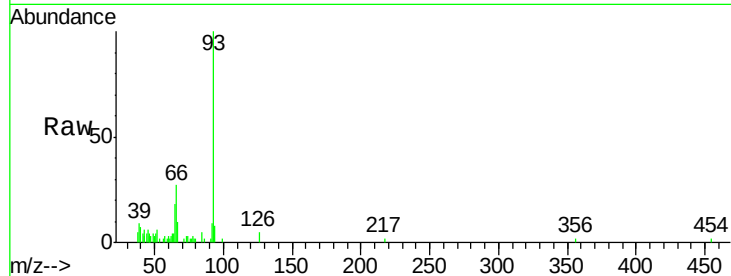
ClientSampleId :

BUS-WASH-PIT

Tot Ion:	93	Resp:	19615
Ion Ratio	Lower	Upper	
93	100		
66	26.8	29.8	44.8#
65	17.7	14.6	22.0

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#7

Phenol-d6

Concen: 114.335 ng

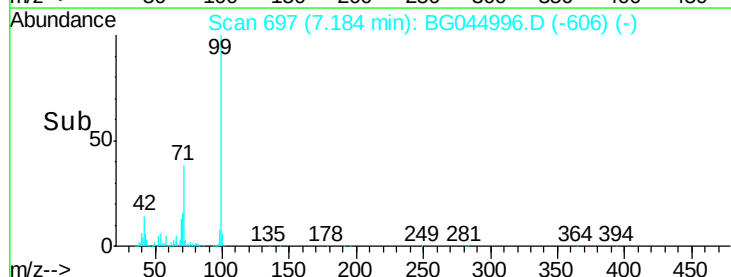
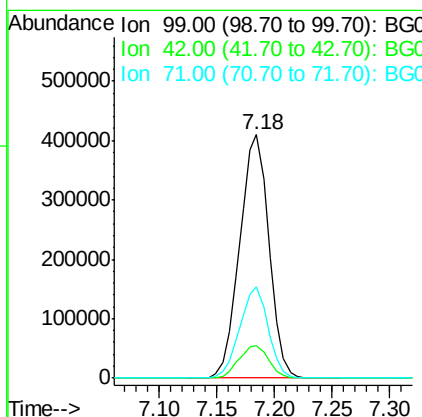
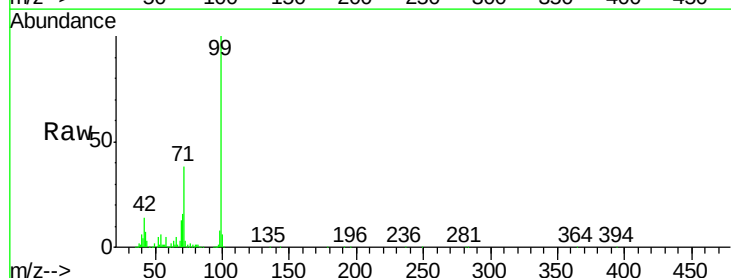
RT: 7.18 min Scan# 697

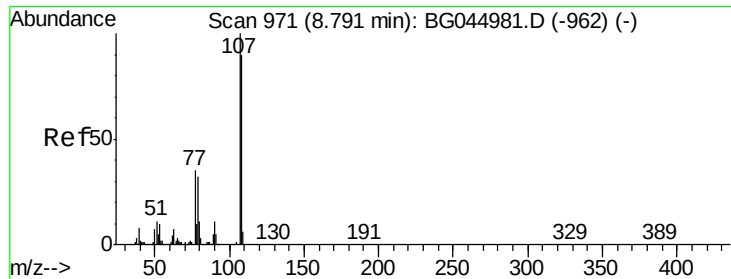
Delta R.T. 0.00 min

Lab File: BG044996.D

Acq: 16 Apr 2020 00:16

Tgt Ion:	99	Resp:	720796
Ion Ratio	Lower	Upper	
99	100		
42	13.6	11.3	16.9
71	37.6	28.3	42.5





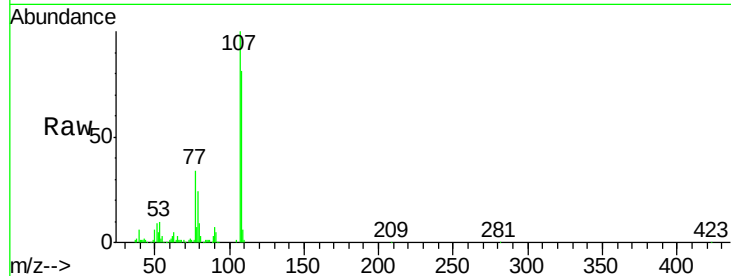
#20
3+4-Methylphenols
Concen: 27.854 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG044996.D
Acq: 16 Apr 2020 00:16

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-PIT

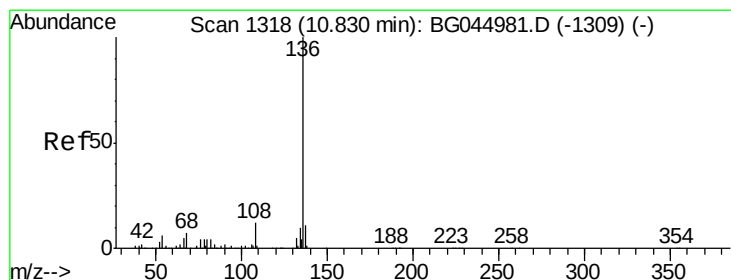
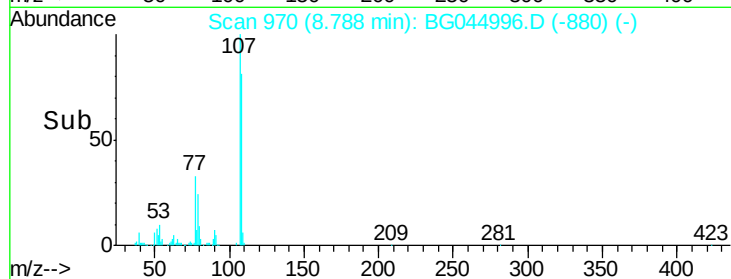
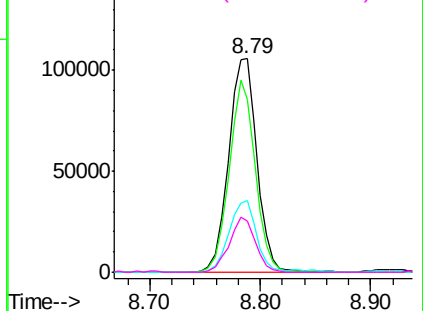
Tot Ion	Ratio	Resp	Lower	Upper
107	100	189767		
108	81.0	69.9	109.9	
77	33.6	15.2	55.2	
79	24.2	11.6	51.6	

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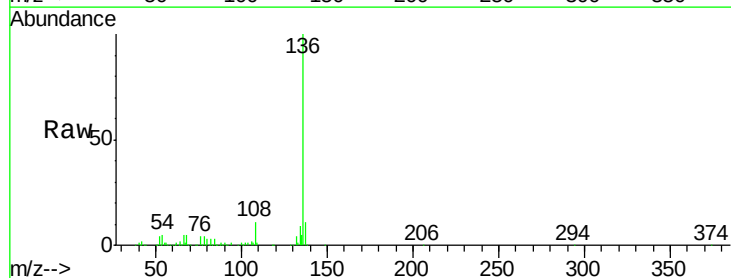


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

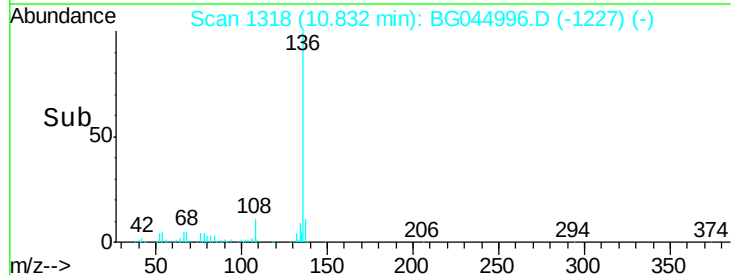
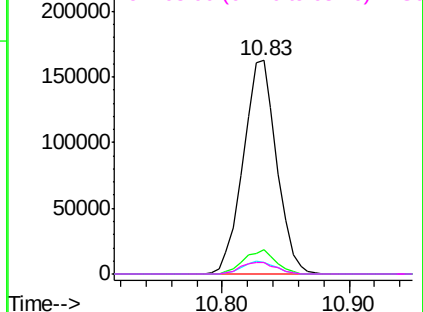


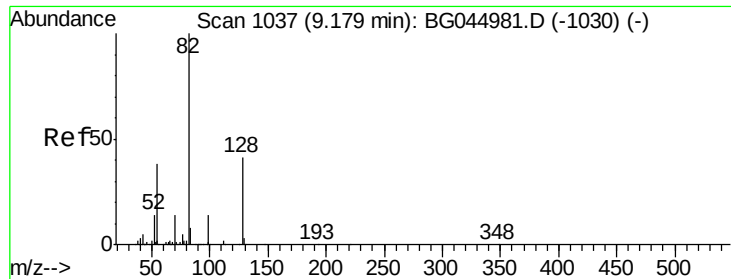
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG044996.D
Acq: 16 Apr 2020 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	296741		
137	11.3	8.6	13.0	
54	5.2	4.8	7.2	
68	5.4	5.2	7.8	



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





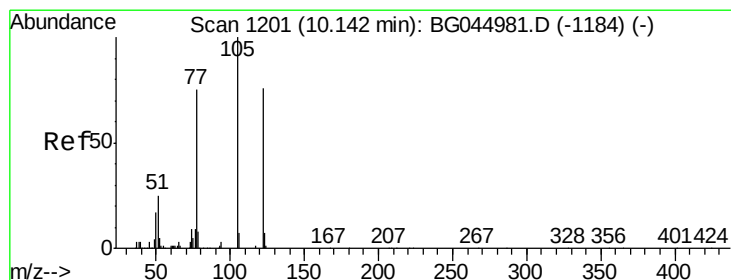
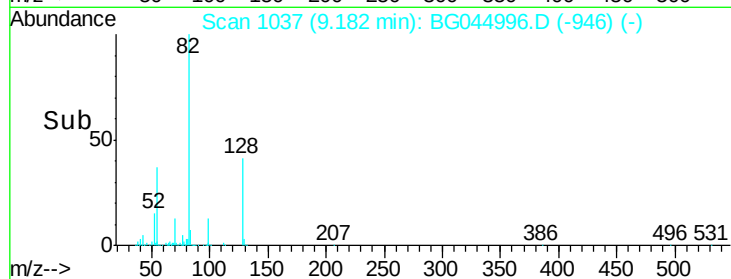
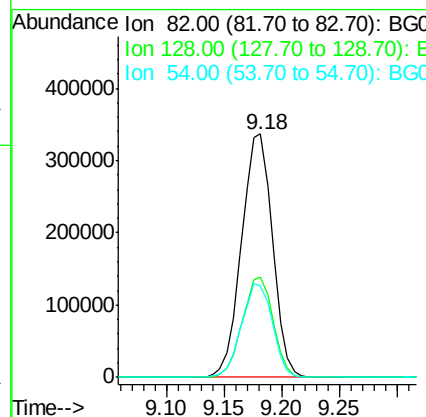
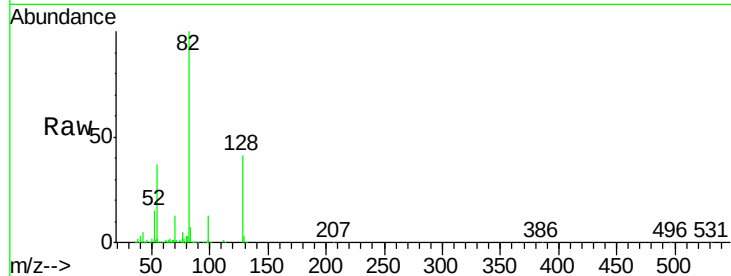
#23
 Nitrobenzene-d5
 Concen: 96.296 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG044996.D
 Acq: 16 Apr 2020 00:16

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH-PIT

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.0	49.4
54	37.5	30.4	45.6

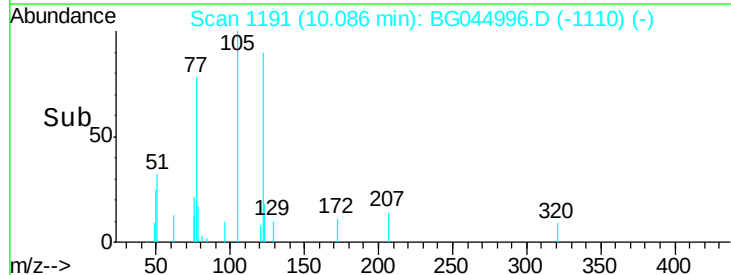
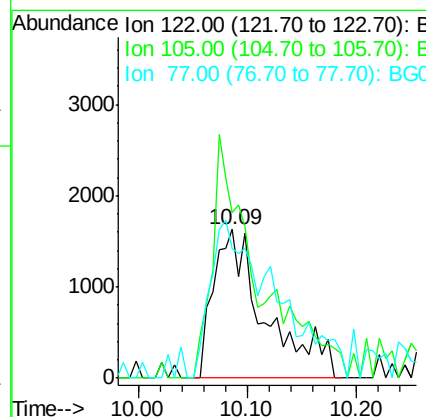
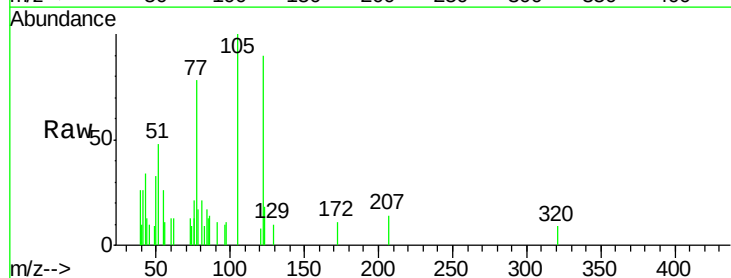
Manual Integrations
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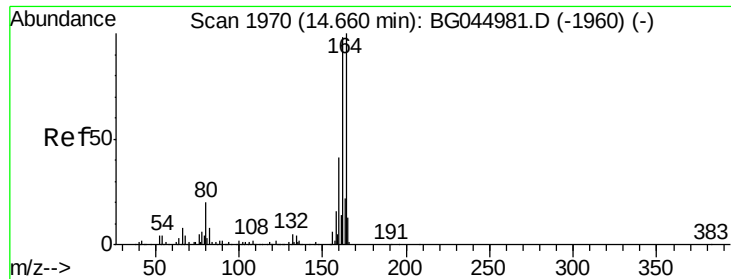
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#32
 Benzoic acid
 Concen: 7.635 ng m
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.06 min
 Lab File: BG044996.D
 Acq: 16 Apr 2020 00:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.7	108.4	148.4
77	87.4	78.8	118.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG044996.D

Acq: 16 Apr 2020 00:16

Instrument :

BNA_G

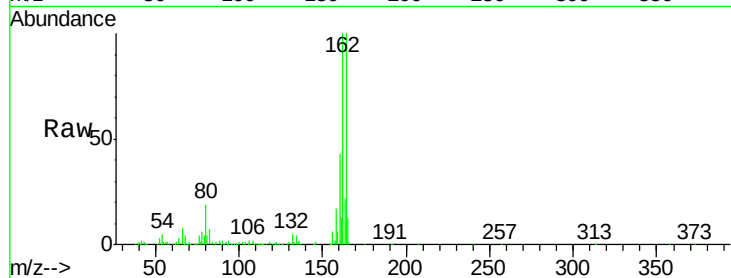
ClientSampleId :

BUS-WASH-PIT

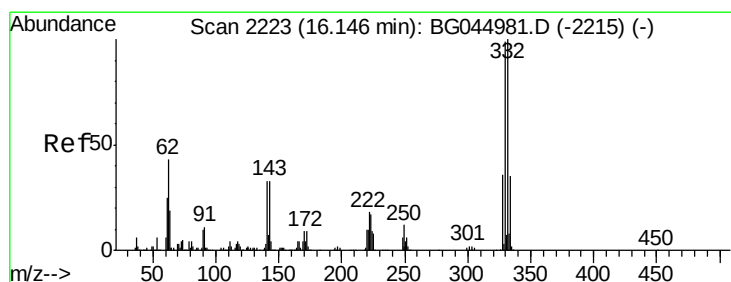
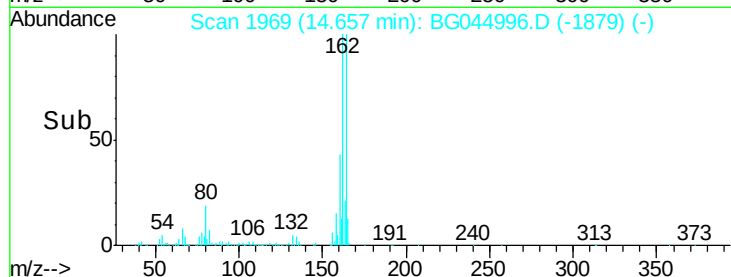
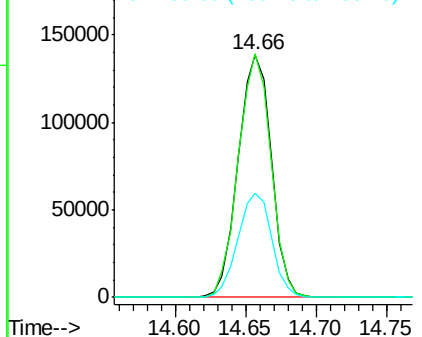
Tot Ion:	164	Resp:	227446
Ion Ratio	Lower	Upper	
164	100		
162	100.3	78.7	118.1
160	43.1	32.8	49.2

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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: 151.370 ng

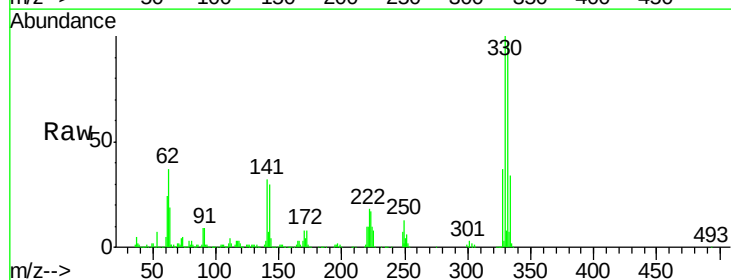
RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

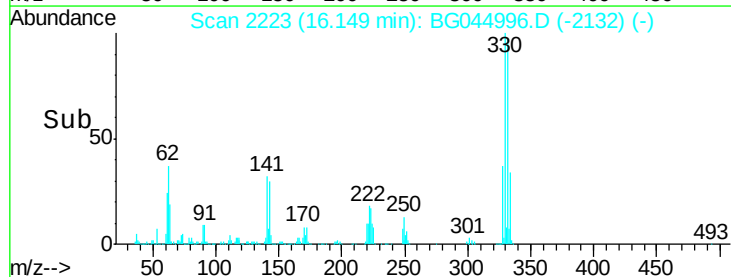
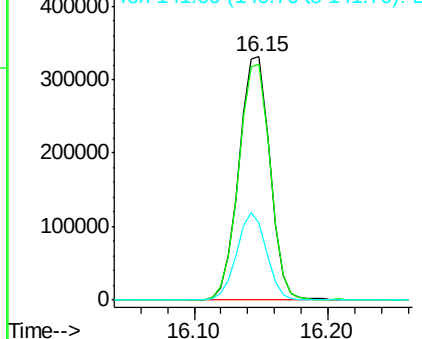
Lab File: BG044996.D

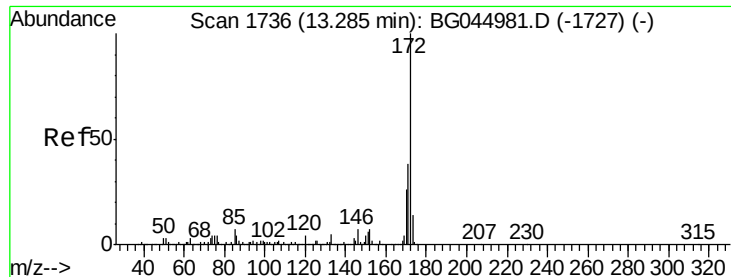
Acq: 16 Apr 2020 00:16

Tgt Ion:	330	Resp:	531874
Ion Ratio	Lower	Upper	
330	100		
332	98.1	79.1	118.7
141	34.7	27.1	40.7



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





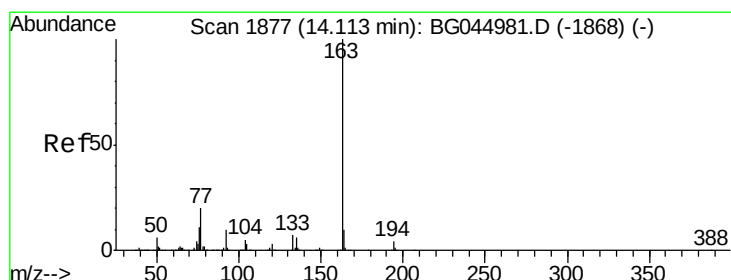
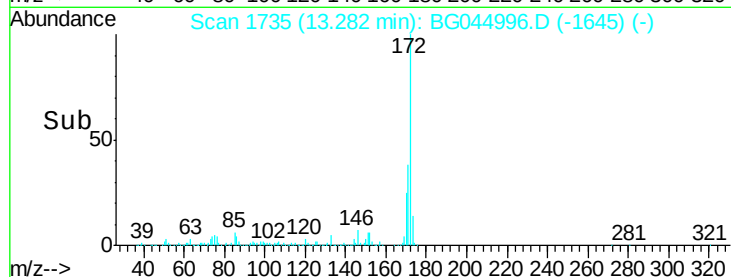
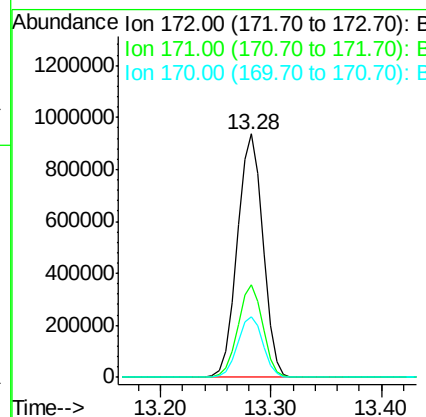
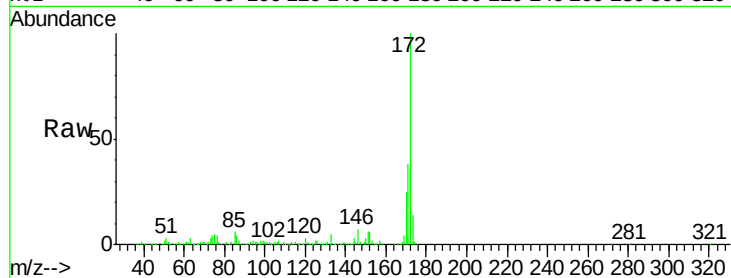
#45
2-Fluorobiphenyl
Concen: 98.179 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG044996.D
Acq: 16 Apr 2020 00:16

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-PIT

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.6	46.0
170	24.8	20.5	30.7

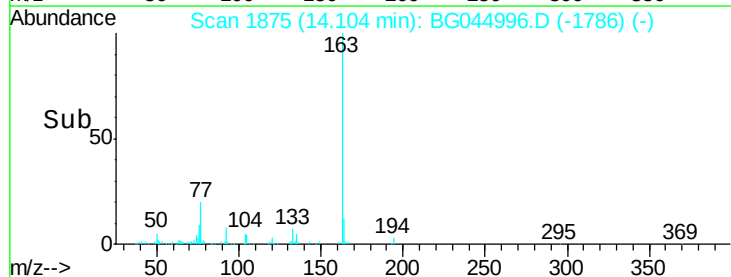
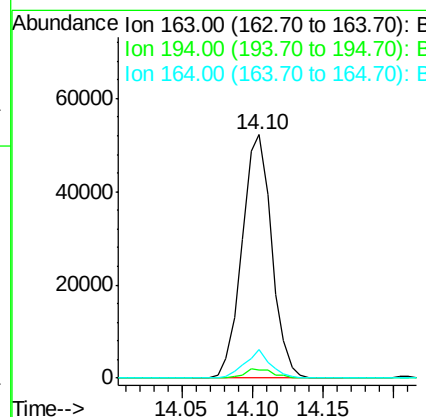
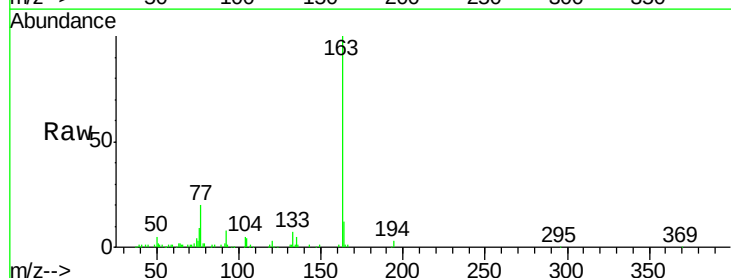
Manual Integrations
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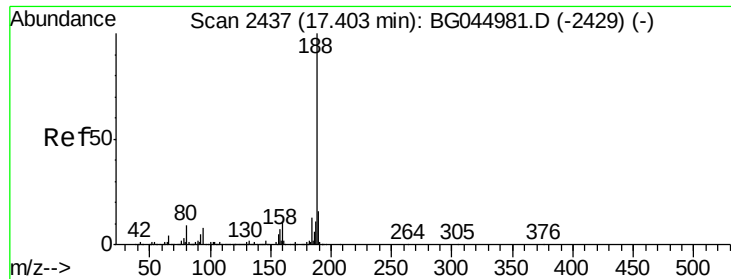
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#50
Dimethylphthalate
Concen: 4.134 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG044996.D
Acq: 16 Apr 2020 00:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.5	5.3#
164	12.0	8.2	12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG044996.D

Acq: 16 Apr 2020 00:16

Instrument :

BNA_G

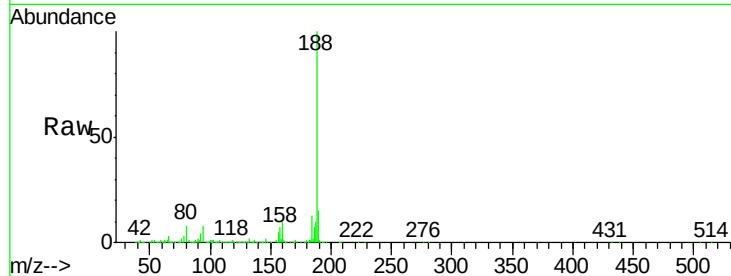
ClientSampleId :

BUS-WASH-PIT

Tot Ion:	188	Resp:	575742
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.2	9.4
80	8.1	7.0	10.6

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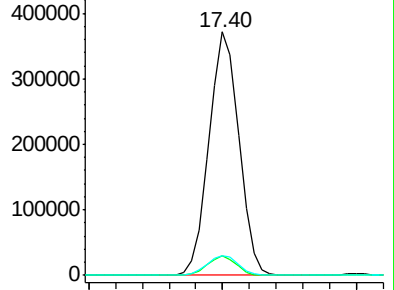
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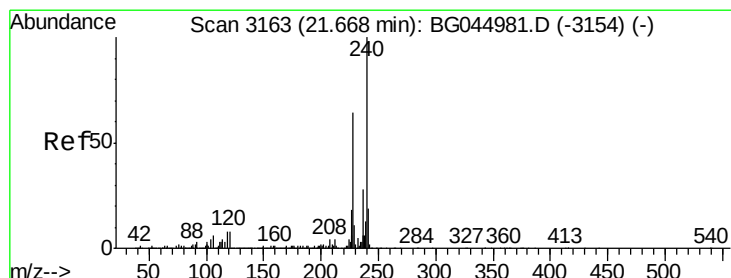
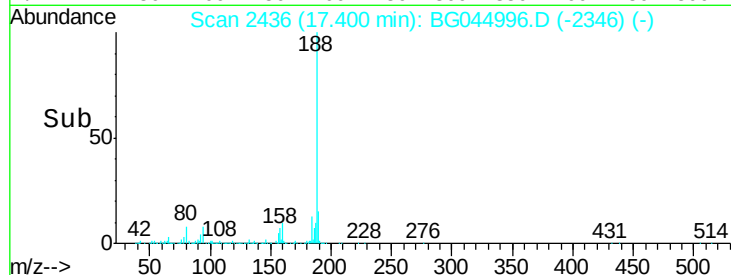
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.40 17.50



#76

Chrysene-d12

Concen: 20.000 ng

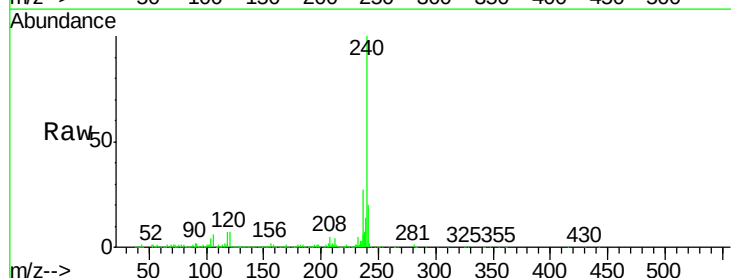
RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG044996.D

Acq: 16 Apr 2020 00:16

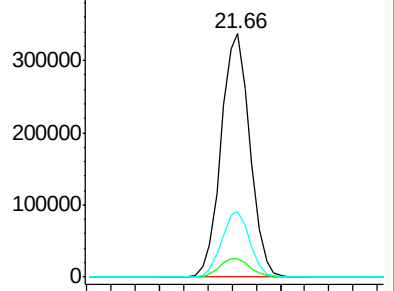
Tgt Ion:	240	Resp:	560448
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.6	10.0
236	27.2	22.2	33.2



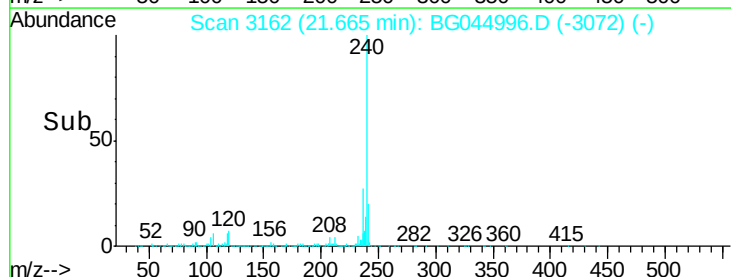
Abundance Ion 240.00 (239.70 to 240.70): E

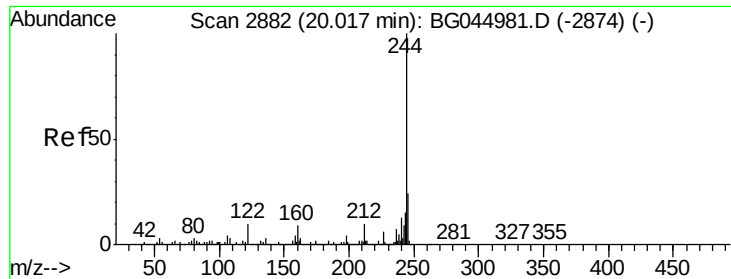
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70





#79

Terphenyl-d14

Concen: 101.335 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG044996.D

Acq: 16 Apr 2020 00:16

Instrument :

BNA_G

ClientSampleId :

BUS-WASH-PIT

Tot Ion:244 Resp: 2605699

Ion Ratio Lower Upper

244 100

212 10.9 7.9 11.9

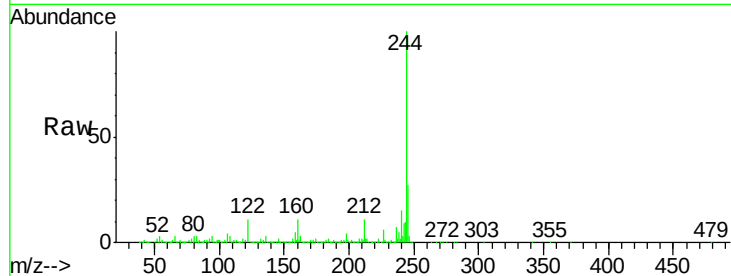
122 10.8 7.7 11.5

Manual Integrations

APPROVED

mohammad

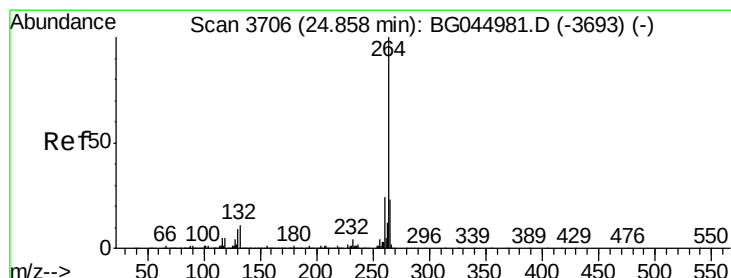
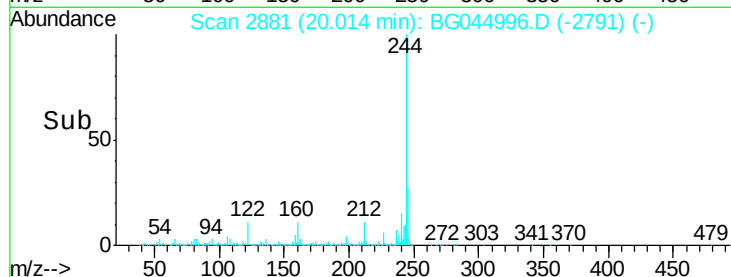
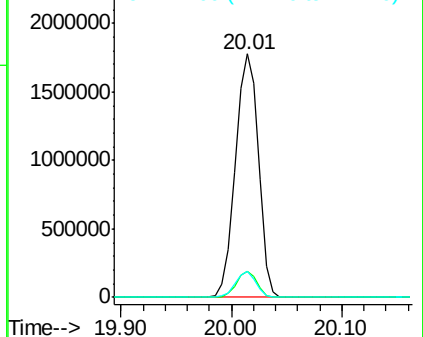
4/16/2020 12:55:05 PM



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG044996.D

Acq: 16 Apr 2020 00:16

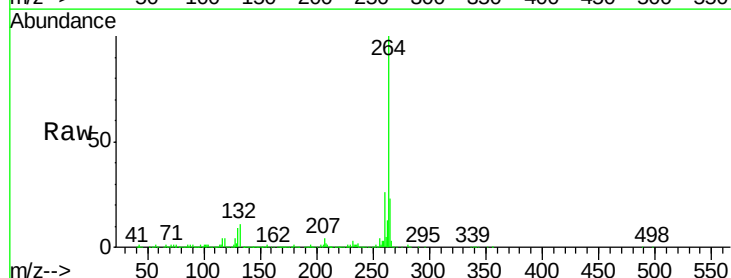
Tgt Ion:264 Resp: 615987

Ion Ratio Lower Upper

264 100

260 25.5 19.2 28.8

265 22.9 19.0 28.4



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

