

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045337.D
 Acq On : 12 May 2020 20:26
 Operator : CG/JU
 Sample : L2571-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-LANE-3

Manual Integrations
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mohammad
 5/14/2020 8:37:21 AM

Quant Time: May 13 01:29:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	70943	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	265222	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	187688	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	435881	20.00	ng	0.00
76) Chrysene-d12	21.62	240	439139	20.00	ng	0.00
87) Perylene-d12	24.79	264	466126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	505346	117.60	ng	0.00
7) Phenol-d6	7.14	99	640932	100.39	ng	0.00
23) Nitrobenzene-d5	9.13	82	532626	91.63	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	396637	136.79	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1145963	89.53	ng	0.00
79) Terphenyl-d14	19.98	244	1997806	99.16	ng	0.00
Target Compounds						
10) Phenol	7.17	94	14486	2.267	ng	Qvalue # 63
20) 3+4-Methylphenols	8.74	107	78975	11.446	ng	91
32) Benzoic acid	10.06	122	8382m	8.583	ng	
50) Dimethylphthalate	14.06	163	79670	5.213	ng	99

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

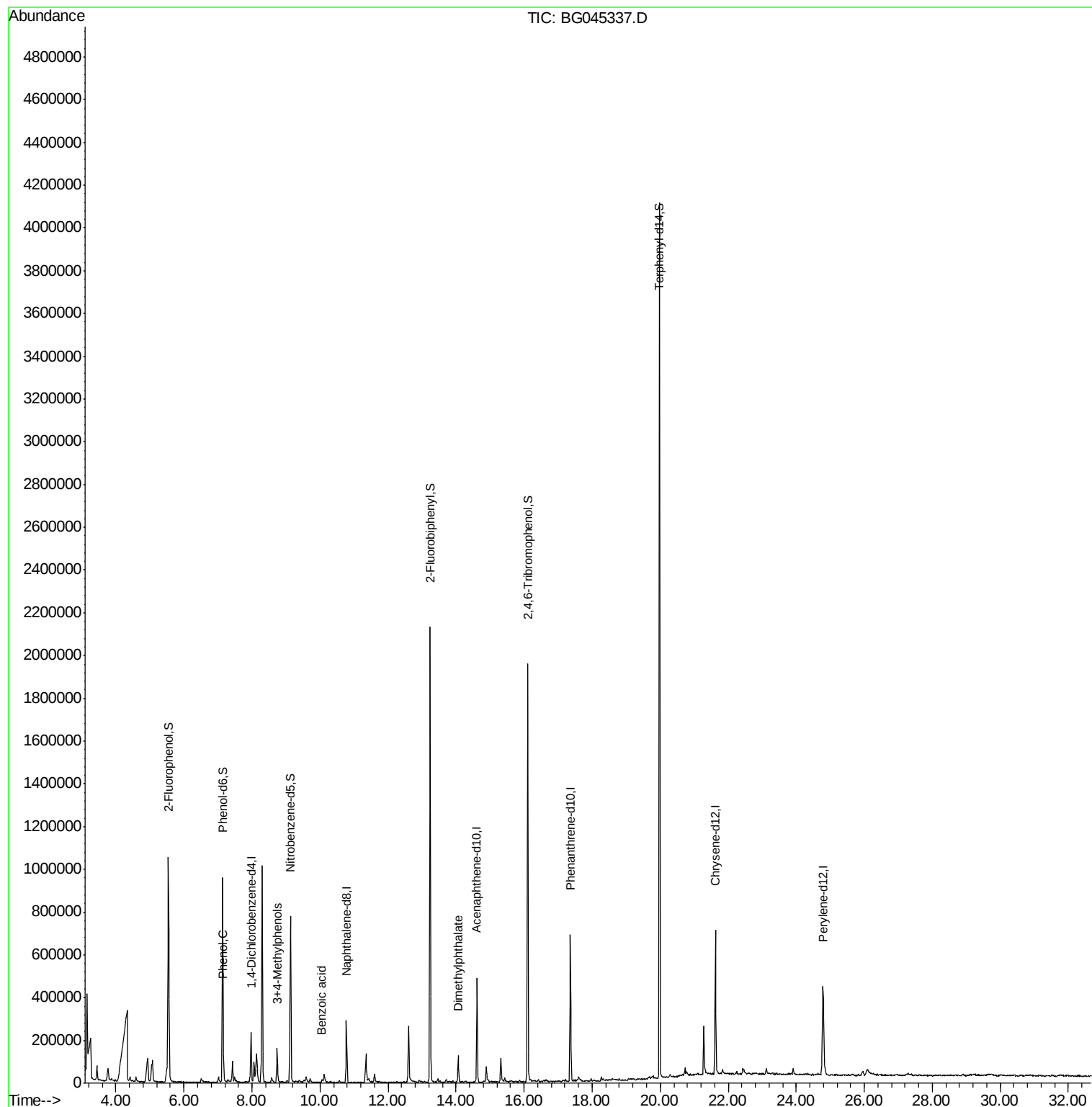
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045337.D
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Operator : CG/JU
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#1

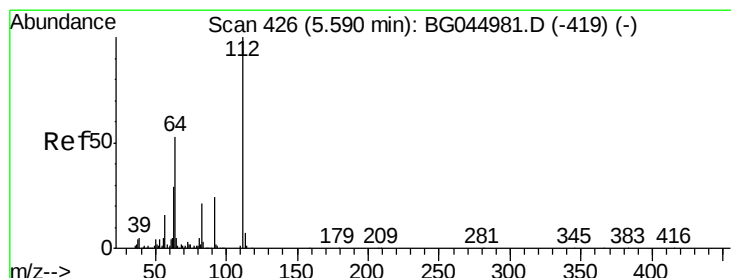
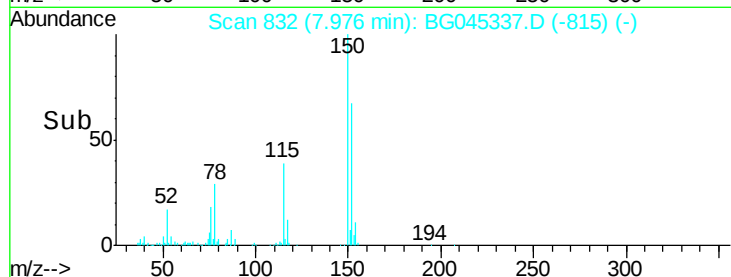
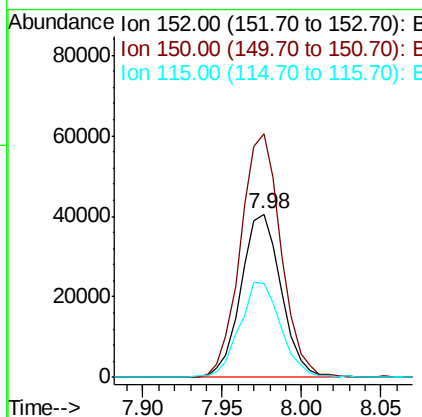
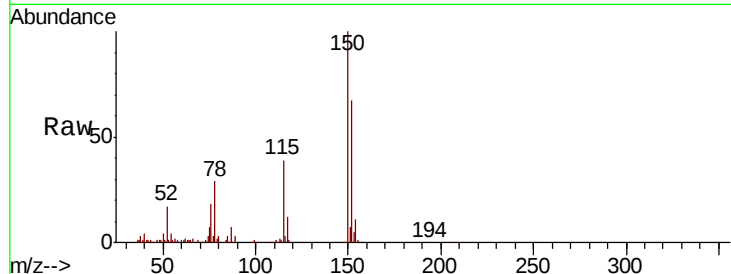
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :
BUS-LANE-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	123.6	185.4
115	57.7	49.1	73.7

Manual Integrations
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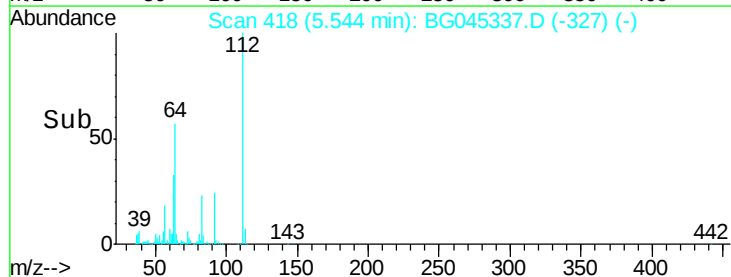
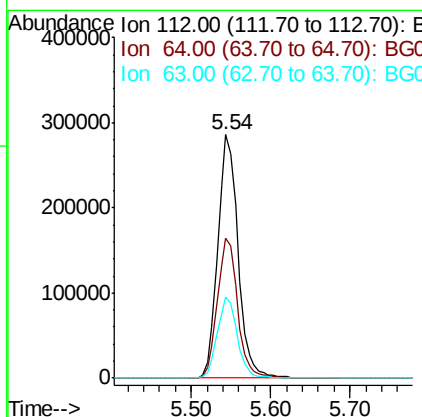
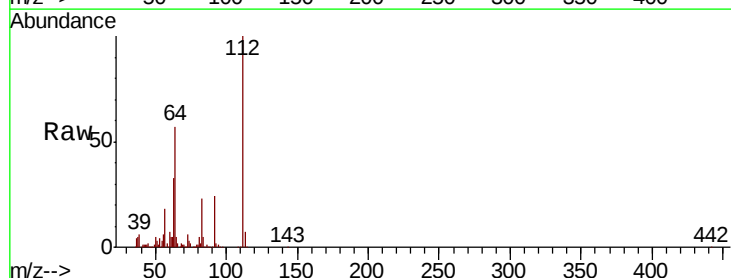
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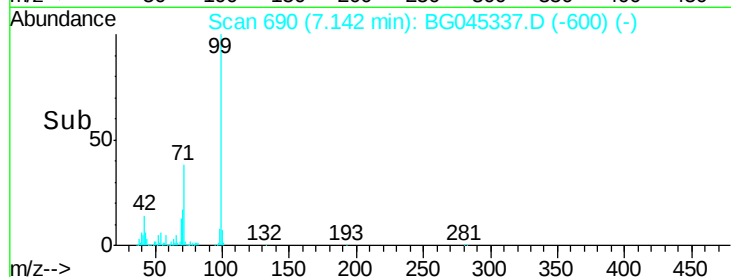
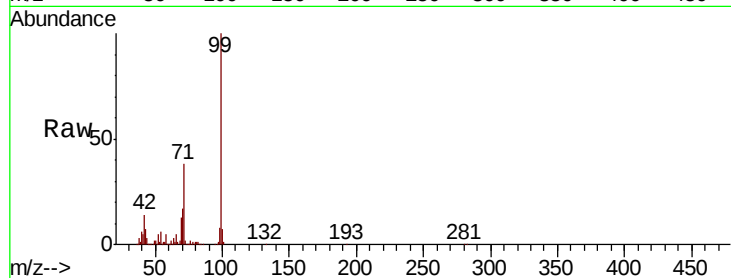


#5

2-Fluorophenol
Concen: 117.601 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	42.4	63.6
63	33.3	23.1	34.7





#7

Phenol-d6

Concen: 100.390 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045337.D

Acq: 12 May 2020 20:26

Tot Ion:	99	Resp:	640932
Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.3	16.9
71	37.7	28.3	42.5

Instrument :

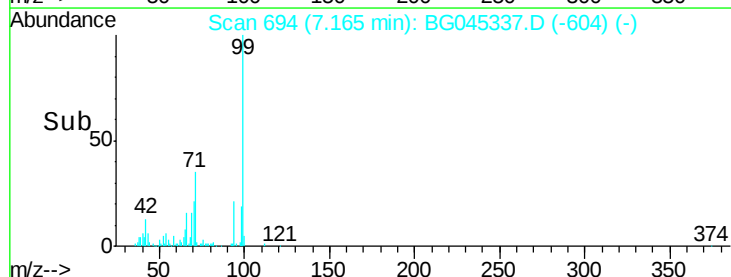
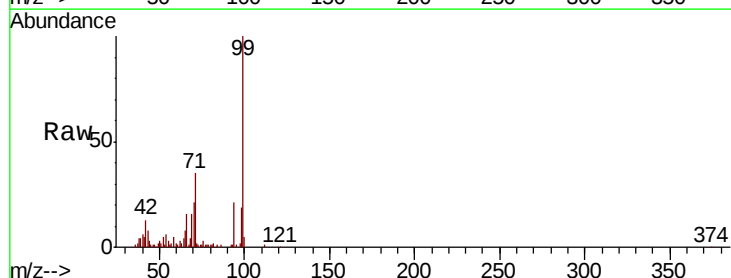
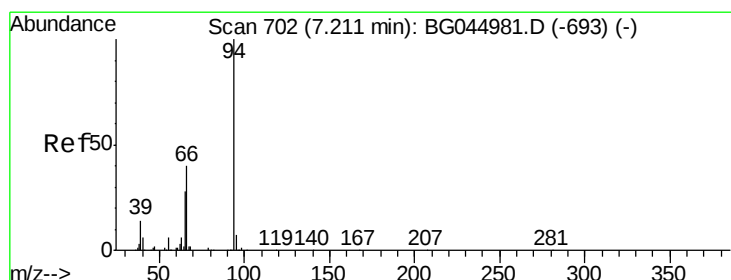
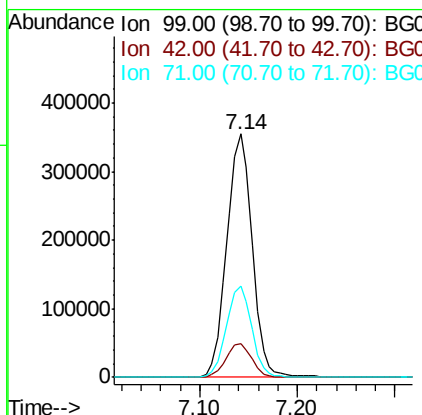
BNA_G

ClientSampleId :

BUS-LANE-3

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#10

Phenol

Concen: 2.267 ng

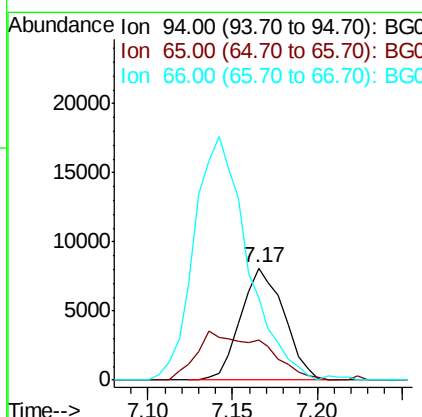
RT: 7.17 min Scan# 694

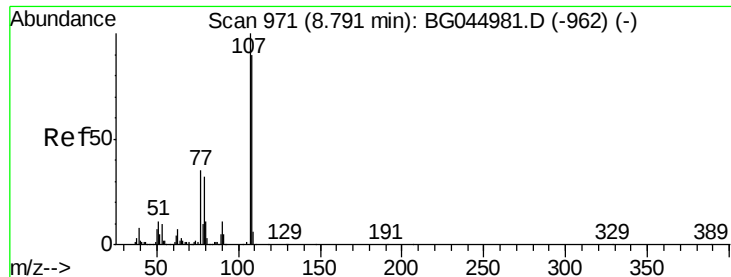
Delta R.T. -0.00 min

Lab File: BG045337.D

Acq: 12 May 2020 20:26

Tgt Ion:	94	Resp:	14486
Ion	Ratio	Lower	Upper
94	100		
65	36.2	8.2	48.2
66	73.1	20.4	60.4#





#20

3+4-Methylphenols

Concen: 11.446 ng

RT: 8.74 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG045337.D

Acq: 12 May 2020 20:26

Instrument :

BNA_G

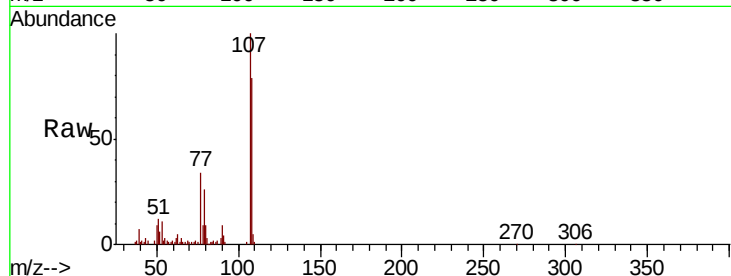
ClientSampleId :

BUS-LANE-3

Tot Ion	Ratio	Lower	Upper
107	100		
108	78.6	69.9	109.9
77	33.9	15.2	55.2
79	25.9	11.6	51.6

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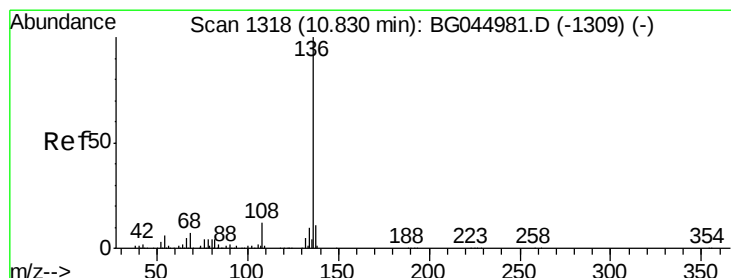
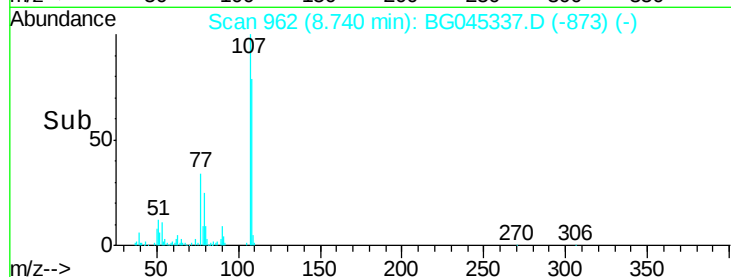
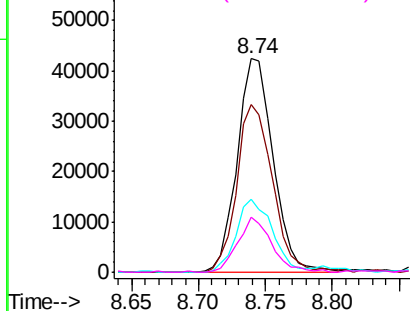
Abundance

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: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045337.D

Acq: 12 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.4	4.8	7.2
68	5.3	5.2	7.8

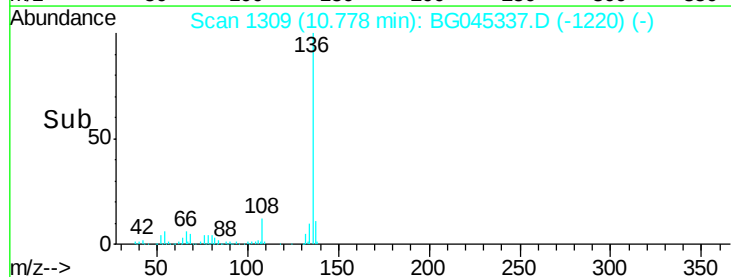
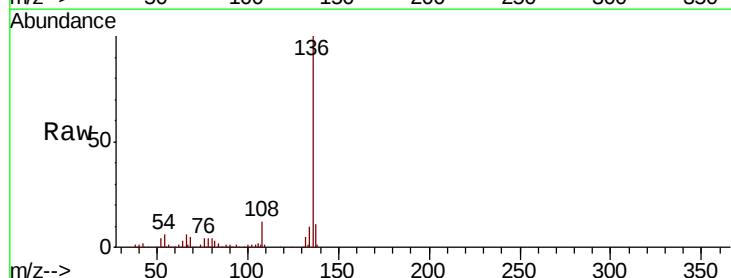
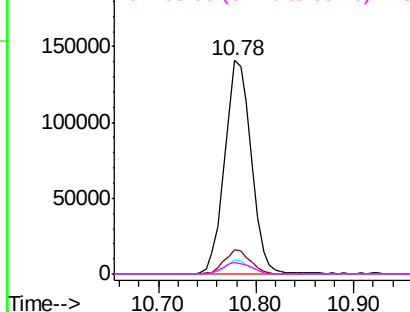
Abundance

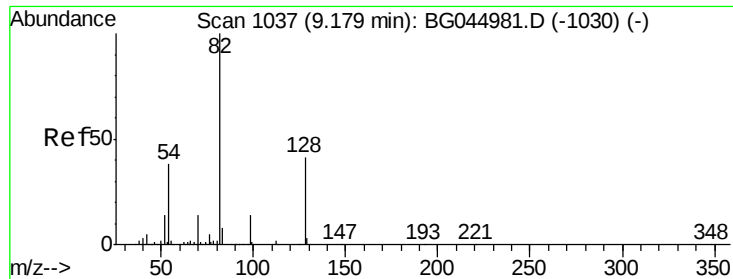
Ion 136.00 (135.70 to 136.70): E

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





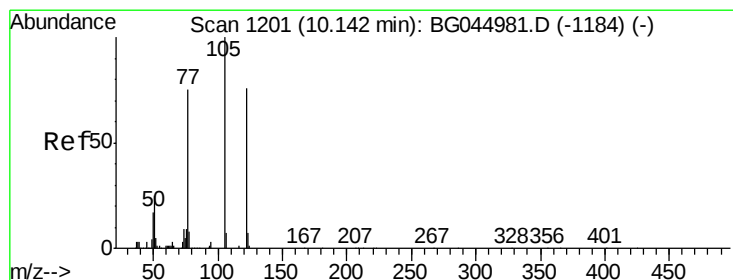
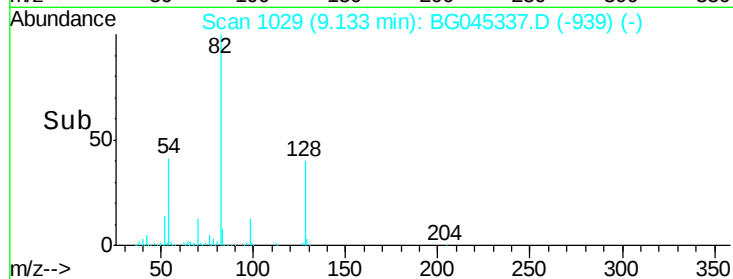
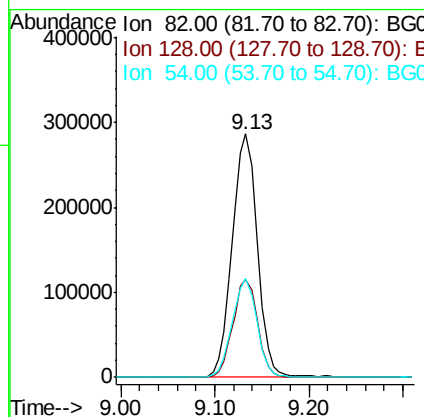
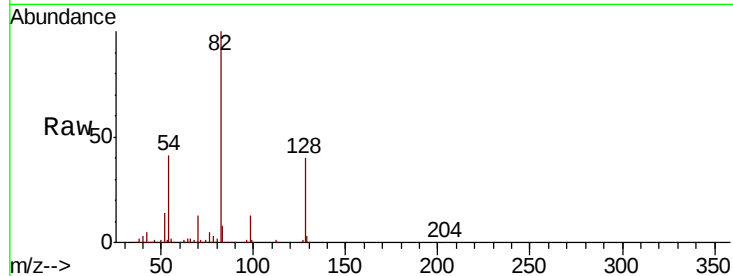
#23
Nitrobenzene-d5
Concen: 91.633 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :
BUS-LANE-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.2	33.0	49.4	
54	40.6	30.4	45.6	

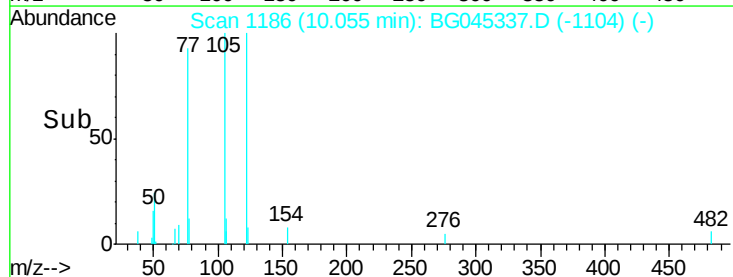
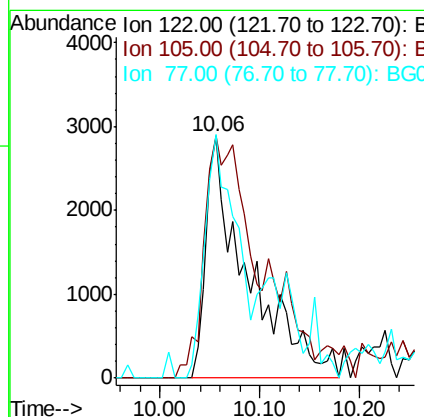
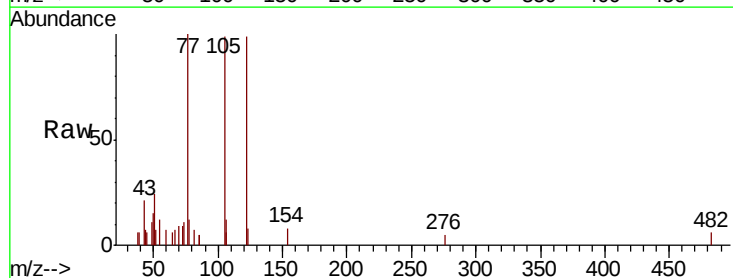
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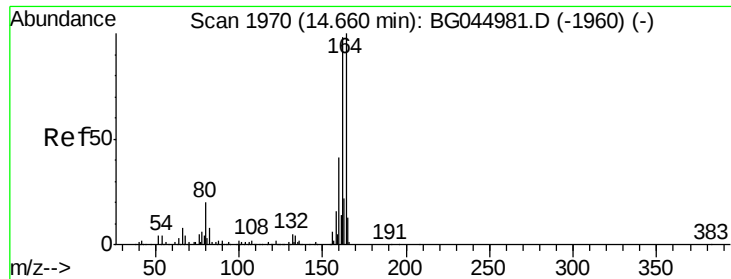
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#32
Benzoic acid
Concen: 8.583 ng m
RT: 10.06 min Scan# 1186
Delta R.T. -0.05 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	100.2	108.4	148.4	
77	100.8	78.8	118.8	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG045337.D

Acq: 12 May 2020 20:26

Instrument :

BNA_G

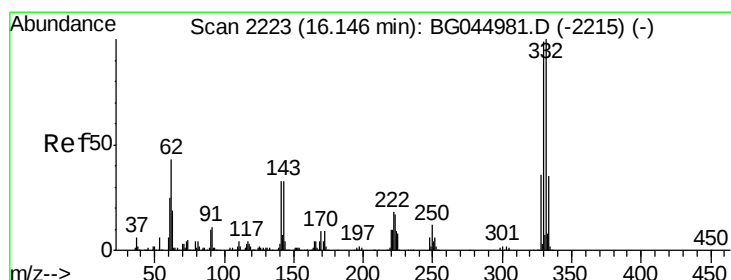
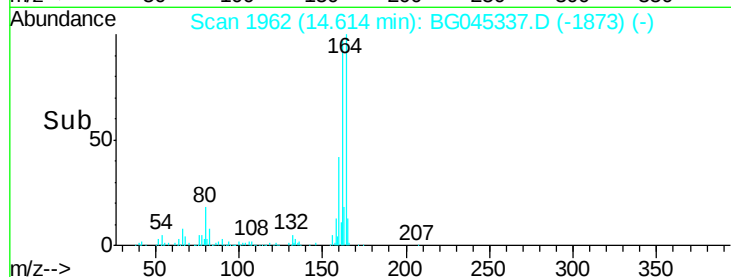
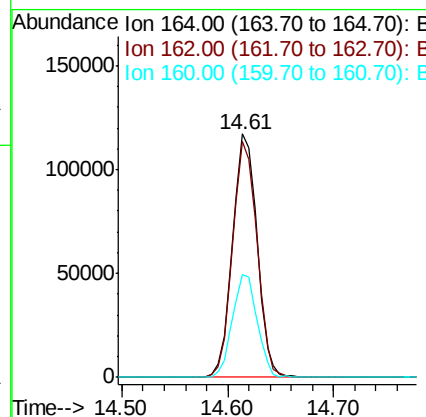
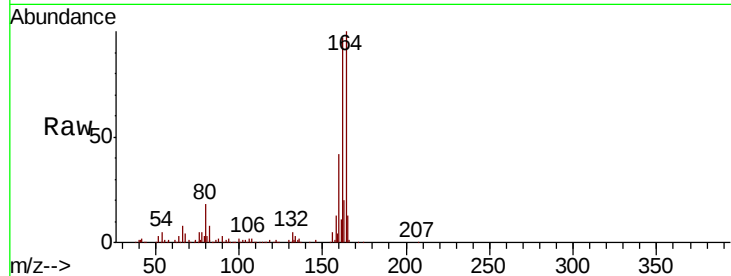
ClientSampleId :

BUS-LANE-3

Tot Ion:	164	Resp:	187688
Ion Ratio	Lower	Upper	
164	100		
162	97.1	78.7	118.1
160	42.2	32.8	49.2

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#42

2,4,6-Tribromophenol

Concen: 136.793 ng

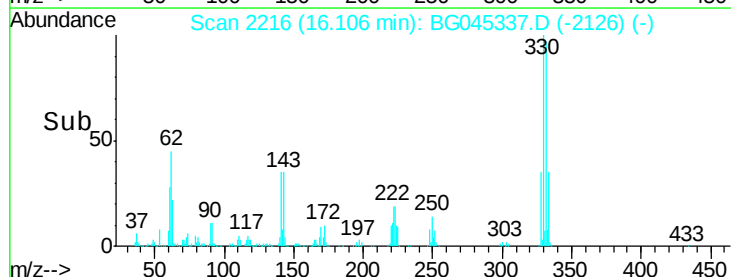
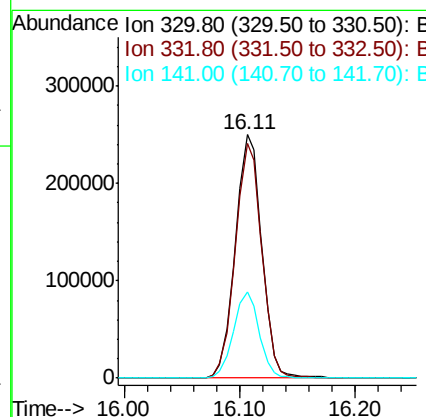
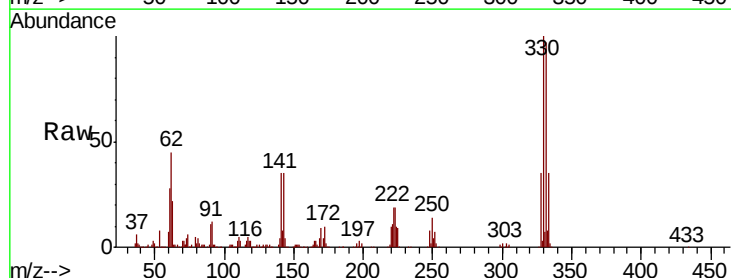
RT: 16.11 min Scan# 2216

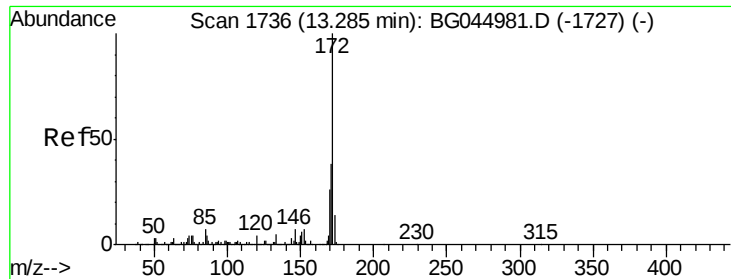
Delta R.T. -0.00 min

Lab File: BG045337.D

Acq: 12 May 2020 20:26

Tgt Ion:	330	Resp:	396637
Ion Ratio	Lower	Upper	
330	100		
332	96.9	79.1	118.7
141	34.7	27.1	40.7





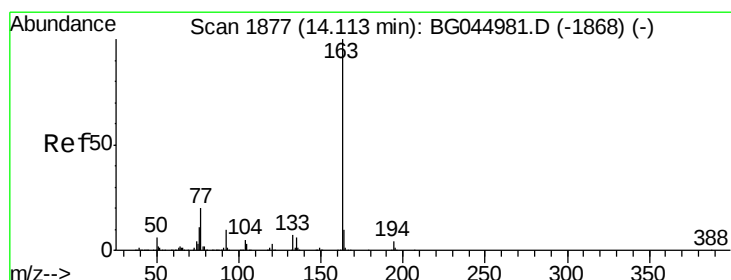
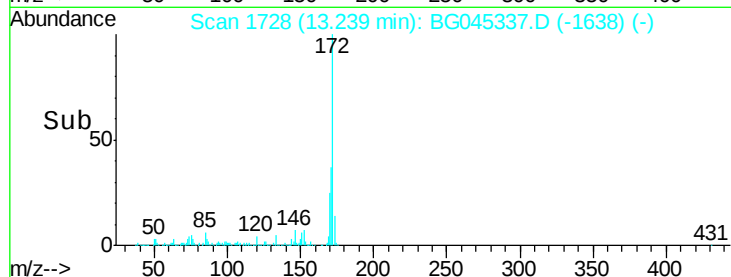
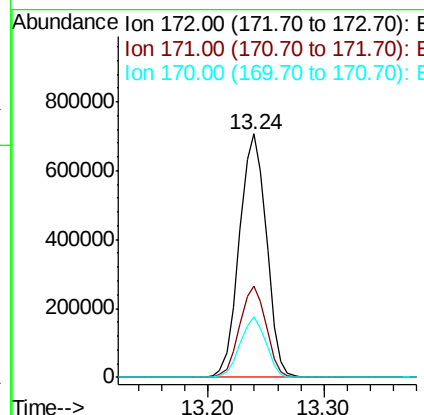
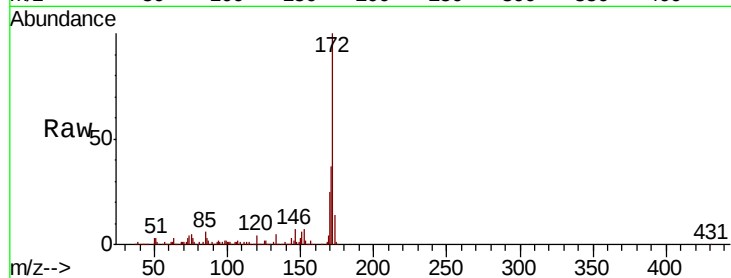
#45
2-Fluorobiphenyl
Concen: 89.529 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :
BUS-LANE-3

Tot Ion:172 Resp: 1145963
Ion Ratio Lower Upper
172 100
171 37.4 30.6 46.0
170 24.6 20.5 30.7

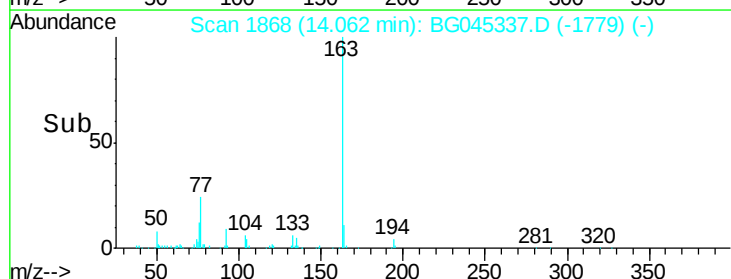
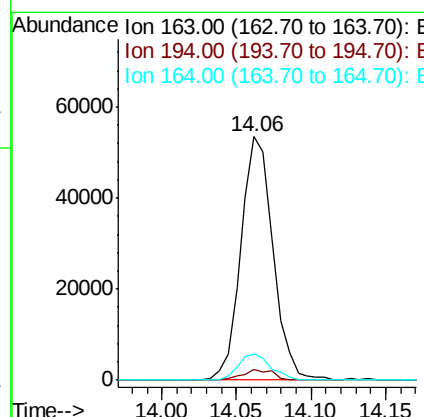
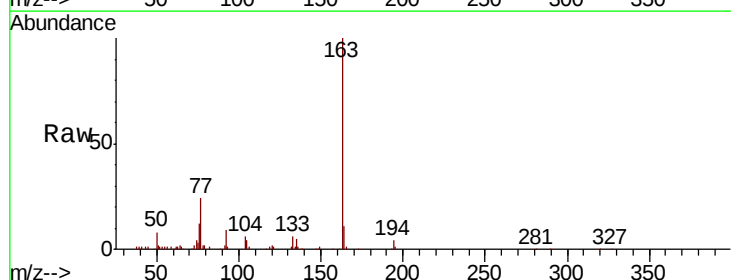
Manual Integrations
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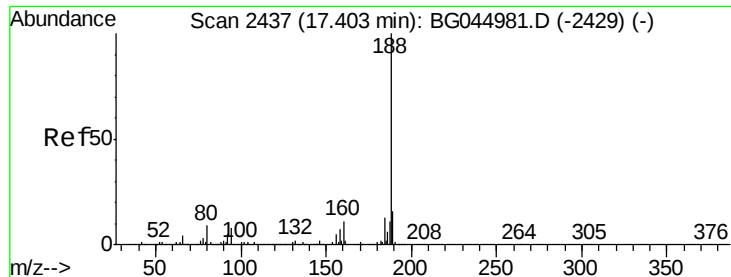
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#50
Dimethylphthalate
Concen: 5.213 ng
RT: 14.06 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion:163 Resp: 79670
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.7 8.2 12.4





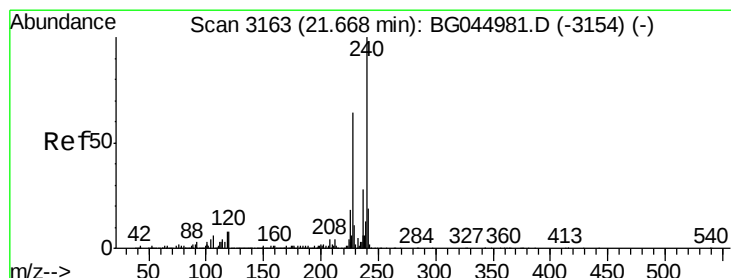
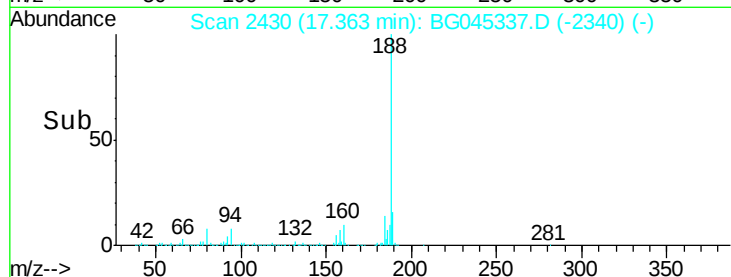
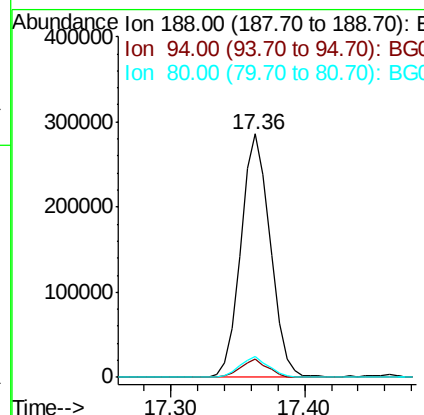
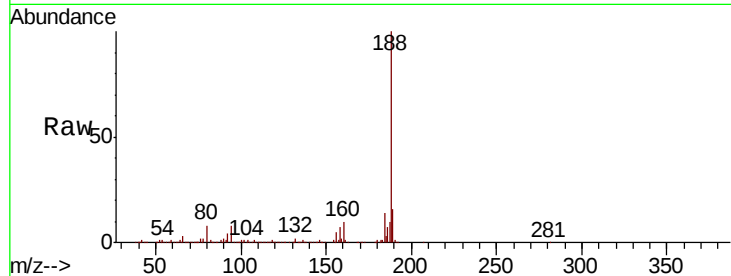
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Instrument :
BNA_G
ClientSampleId :
BUS-LANE-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	435881		
94	7.6		6.2	9.4
80	8.4		7.0	10.6

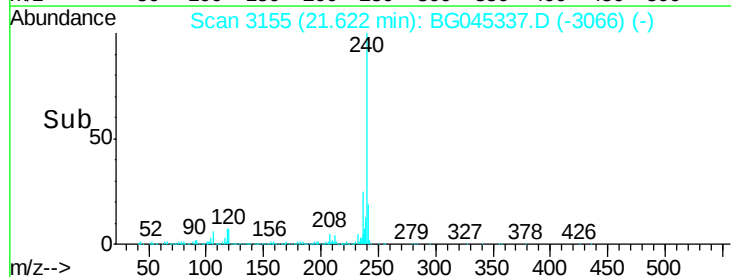
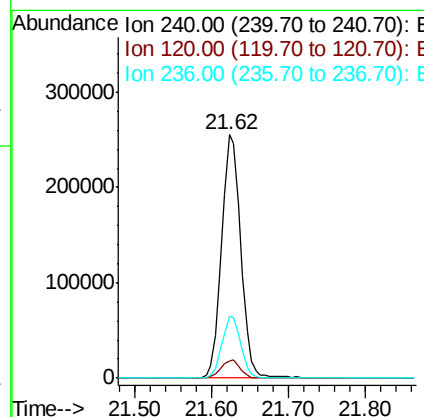
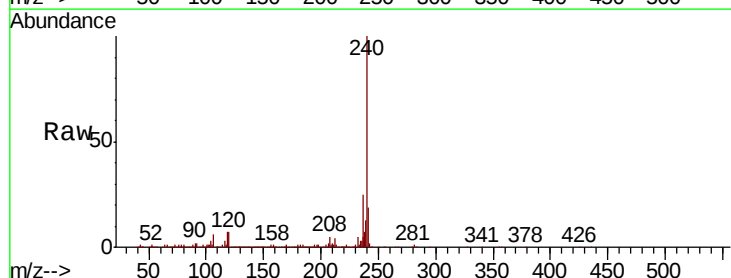
Manual Integrations
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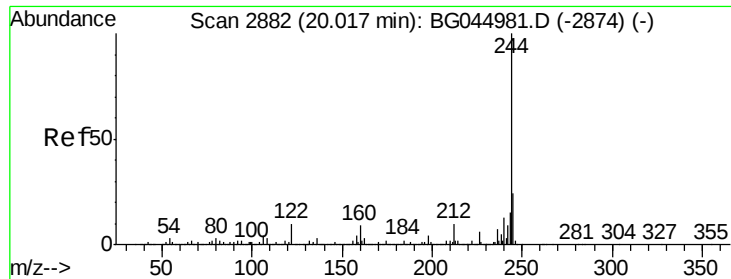
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG045337.D
Acq: 12 May 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	439139		
120	7.1		6.6	10.0
236	25.4		22.2	33.2





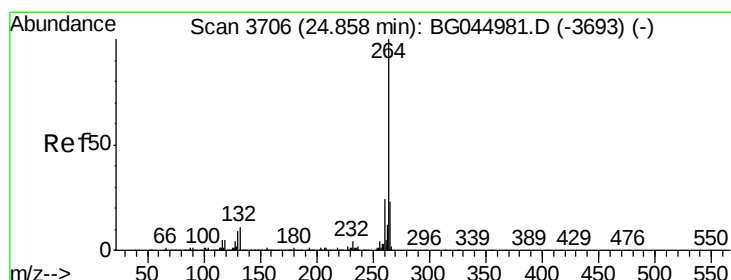
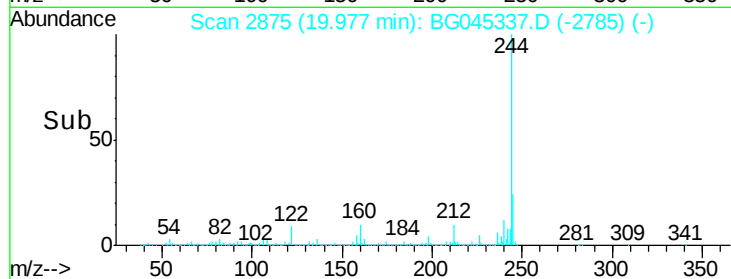
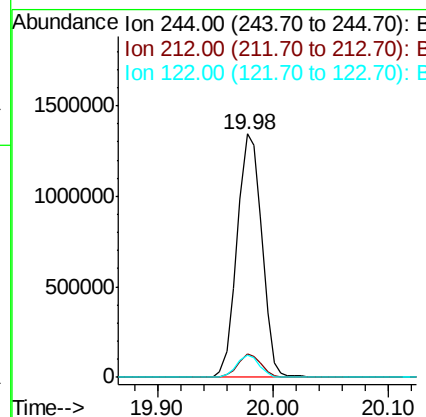
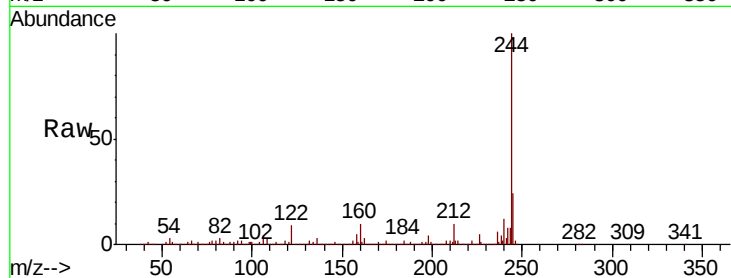
#79
 Terphenyl-d14
 Concen: 99.157 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG045337.D
 Acq: 12 May 2020 20:26

Instrument :
 BNA_G
 ClientSampleId :
 BUS-LANE-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	9.4	7.7	11.5

Manual Integrations
 APPROVED

mohammad
 5/14/2020 8:37:21 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.79 min Scan# 3694
 Delta R.T. -0.01 min
 Lab File: BG045337.D
 Acq: 12 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.5	19.0	28.4

