

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
 Data File : BG025577.D
 Acq On : 21 Jan 2017 17:25
 Operator : UM/SJ
 Sample : I1329-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T2-0-2FT-COMP

Manual Integrations
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mohammad
 1/23/2017 5:00:23 PM

Quant Time: Jan 23 02:57:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	75542	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	344107	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	261991	20.00	ng	-0.01
63) Phenanthrene-d10	17.55	188	582930	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	704226	20.00	ng	-0.01
86) Perylene-d12	25.24	264	755807	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	668828	160.93	ng	-0.01
7) Phenol-d6	7.34	99	949745	162.26	ng	-0.01
23) Nitrobenzene-d5	9.36	82	719455	92.36	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	549438	130.26	ng	-0.01
44) 2-Fluorobiphenyl	13.43	172	1206617	74.56	ng	-0.02
78) Terphenyl-d14	20.14	244	1800310	67.78	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.37	94	50732	7.82	ng	89
49) Dimethylphthalate	14.25	163	111401	5.83	ng	100
57) Fluorene	15.86	166	53775	2.91	ng	92
70) Phenanthrene	17.60	178	1290884	42.97	ng	96
71) Anthracene	17.69	178	372905	12.22	ng	95
72) Carbazole	17.97	167	57304	2.10	ng	96
74) Fluoranthene	19.60	202	2997653	75.55	ng	96
77) Pyrene	19.96	202	2586448	70.27	ng	95
80) Benzo(a)anthracene	21.82	228	1616324	41.15	ng	98
82) Chrysene	21.90	228	1451943	38.55	ng	98
85) Indeno(1,2,3-cd)pyrene	29.14	276	933360	19.49	ng	# 97
87) Benzo(b)fluoranthene	24.15	252	1817393	44.07	ng	99
88) Benzo(k)fluoranthene	24.20	252	716359m	17.99	ng	
89) Benzo(a)pyrene	25.08	252	1358703	34.11	ng	# 95
90) Dibenzo(a,h)anthracene	29.17	278	262022	6.21	ng	# 90
91) Benzo(g,h,i)perylene	30.37	276	848240	20.22	ng	96

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

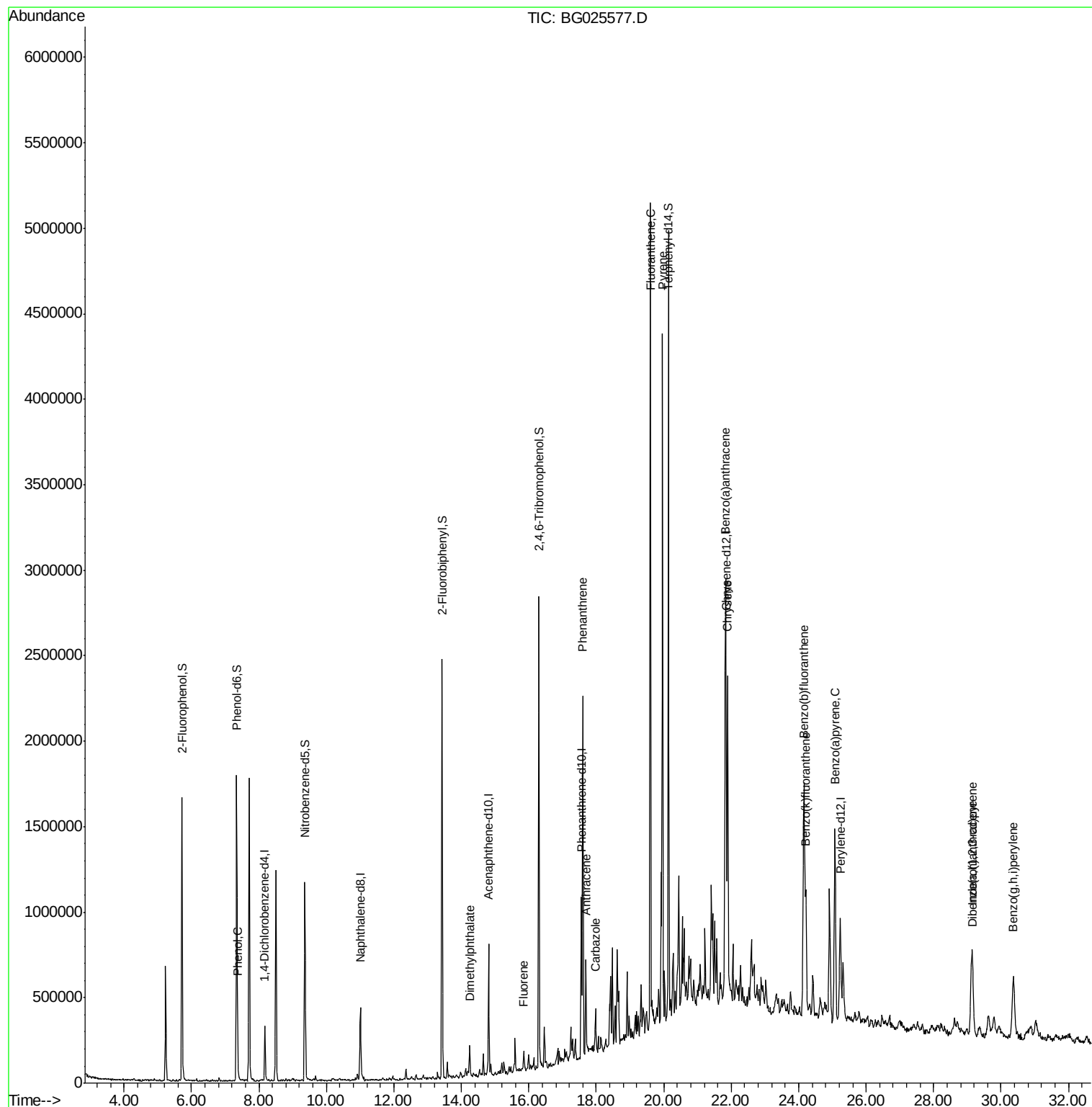
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
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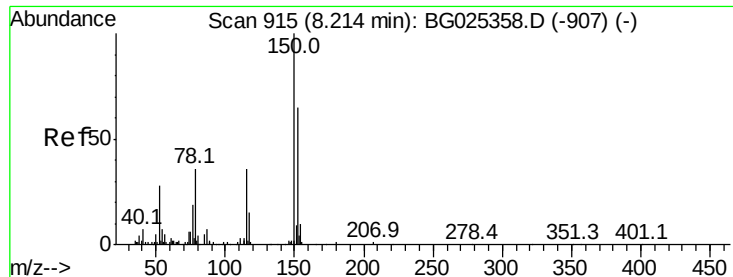
Instrument :
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T2-0-2FT-COMP

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 908

Delta R.T. -0.02 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Instrument :

BNA_G

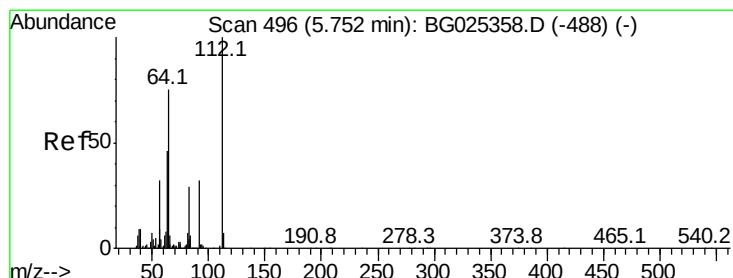
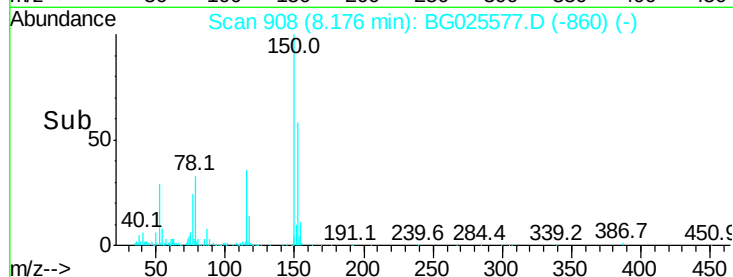
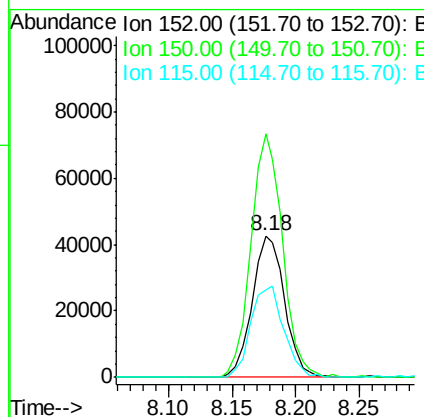
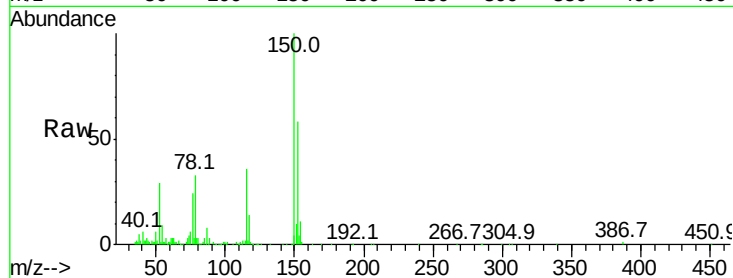
ClientSampleId :

T2-0-2FT-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	171.9	114.0	171.0#
115	61.4	48.1	72.1

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#5

2-Fluorophenol

Concen: 160.93 ng

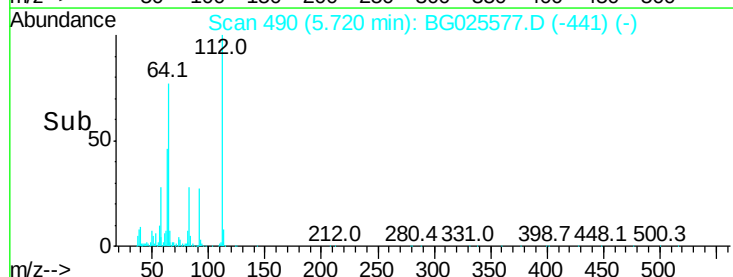
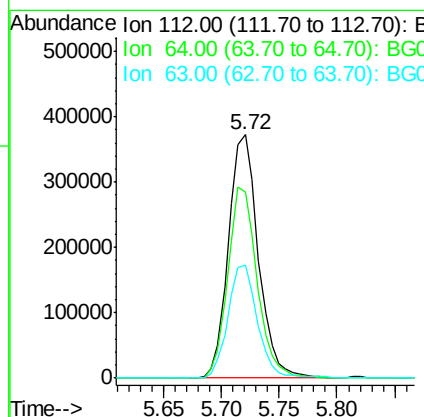
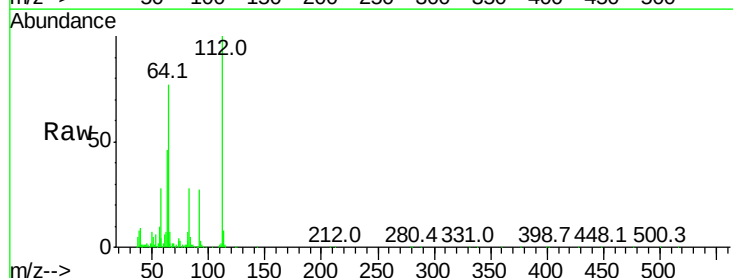
RT: 5.72 min Scan# 490

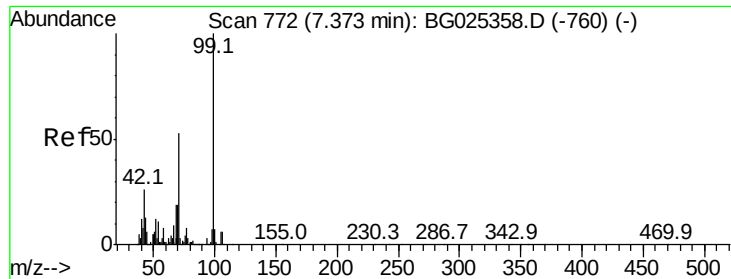
Delta R.T. -0.01 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.6	61.8	92.6
63	46.5	37.2	55.8





#7

Phenol-d6

Concen: 162.26 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Instrument :

BNA_G

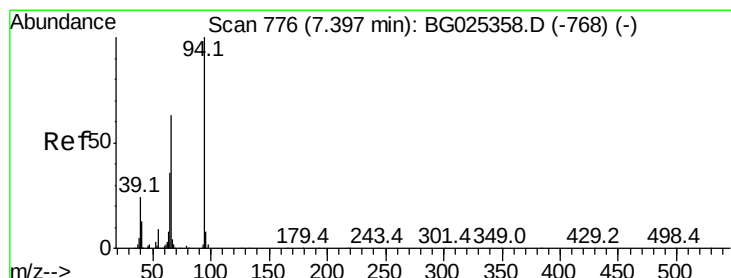
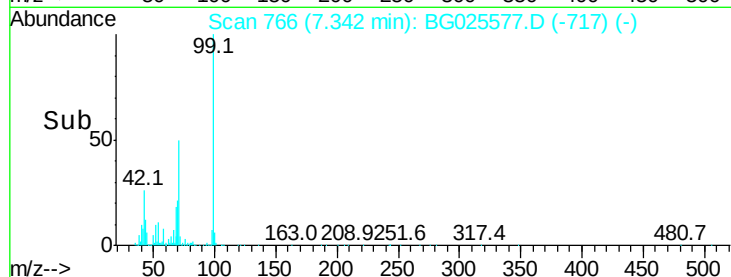
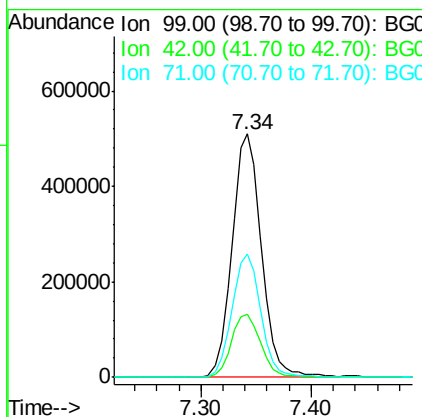
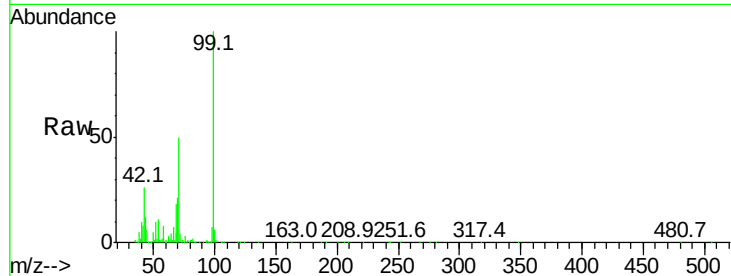
ClientSampleId :

T2-0-2FT-COMP

Tot Ion:	99	Resp:	949745
Ion Ratio	Lower	Upper	
99	100		
42	26.1	20.5	30.7
71	50.4	37.6	56.4

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#10

Phenol

Concen: 7.82 ng

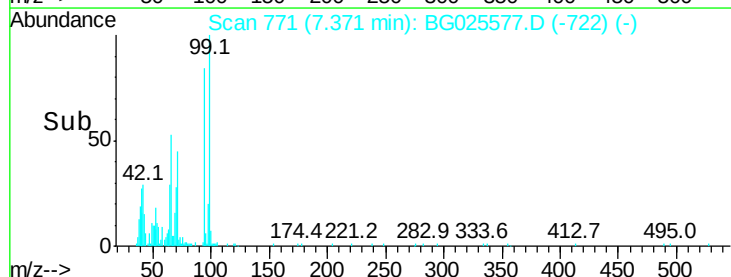
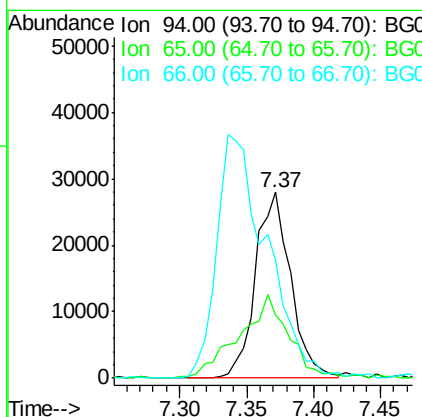
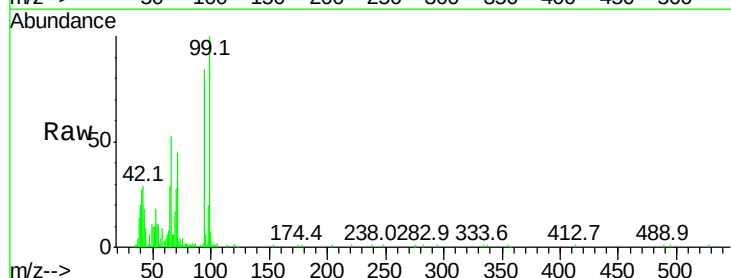
RT: 7.37 min Scan# 771

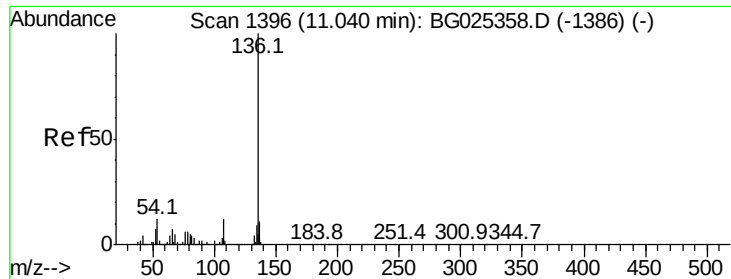
Delta R.T. -0.01 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Tgt Ion:	94	Resp:	50732
Ion Ratio	Lower	Upper	
94	100		
65	34.0	20.6	60.6
66	63.4	35.5	75.5





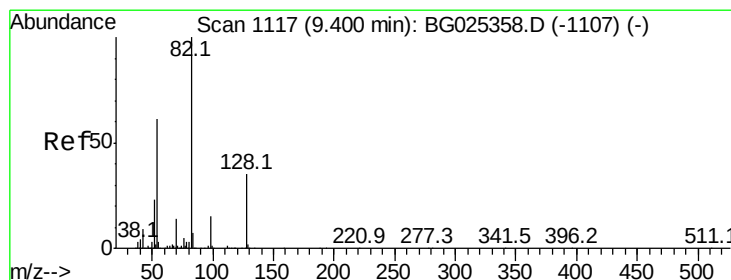
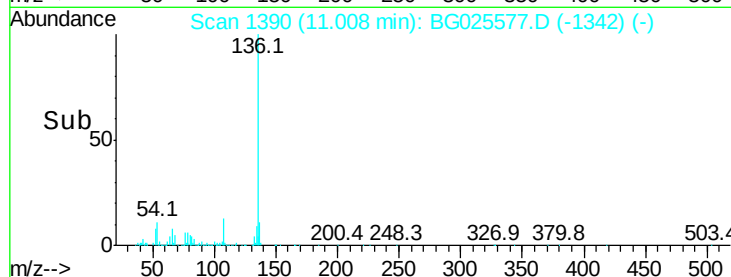
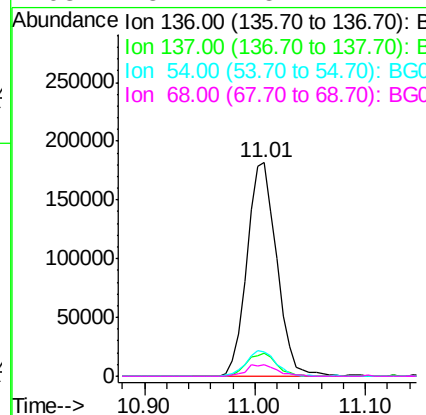
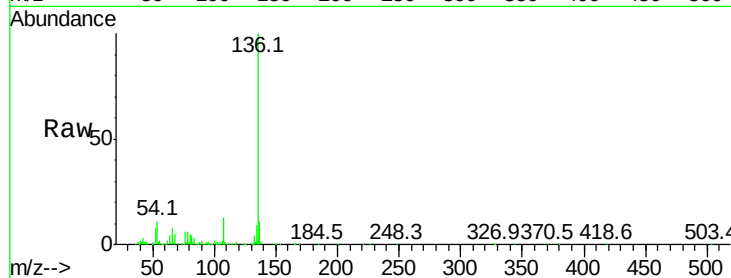
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	11.3	9.3	13.9	
68	5.1	5.1	7.7	

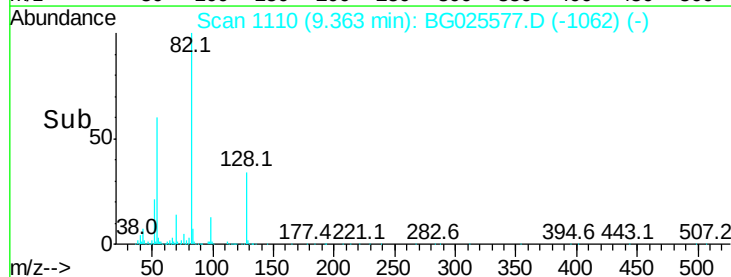
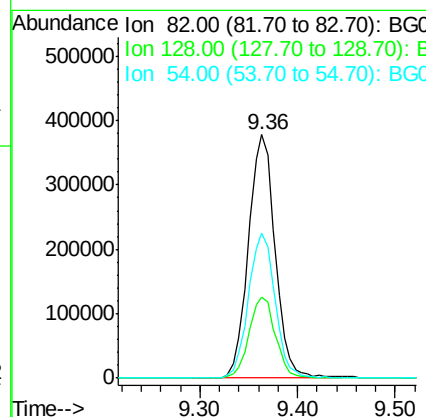
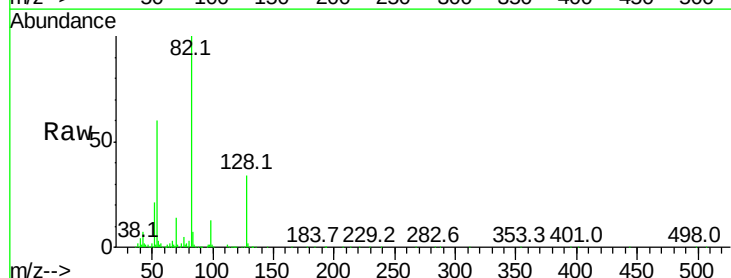
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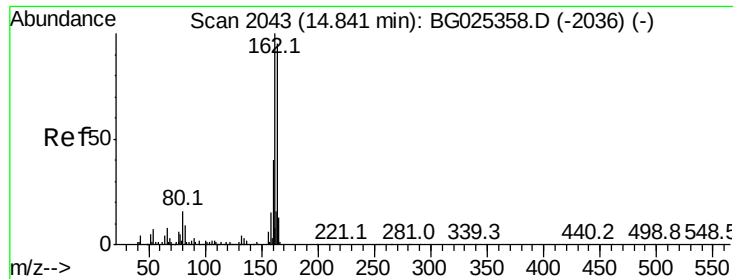
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#23
Nitrobenzene-d5
Concen: 92.36 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.5	26.4	39.6	
54	59.5	49.4	74.2	





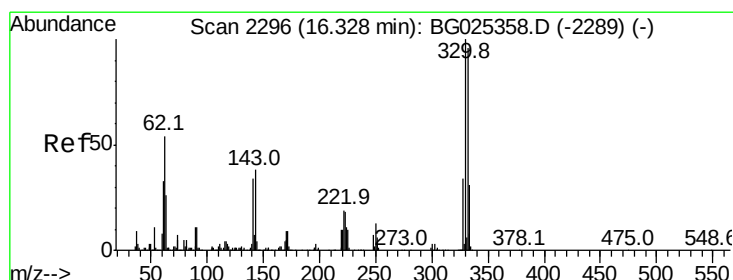
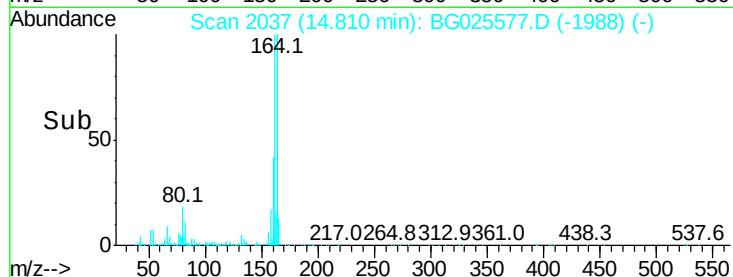
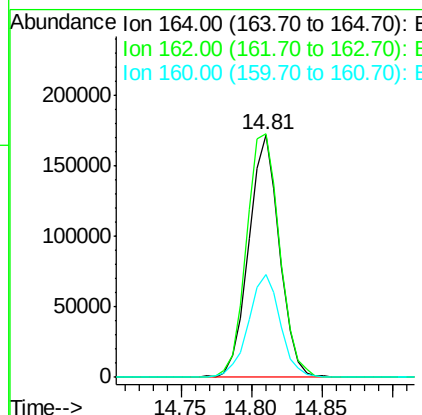
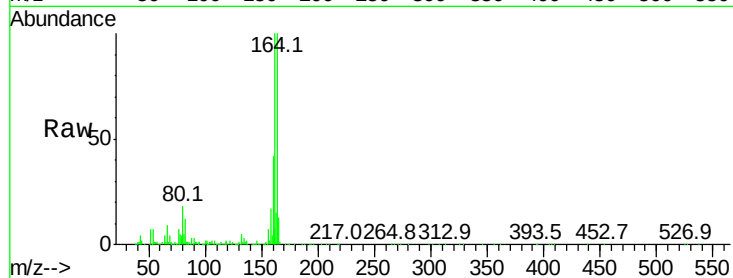
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	261991		
162	100.3		85.1	127.7
160	42.2		34.7	52.1

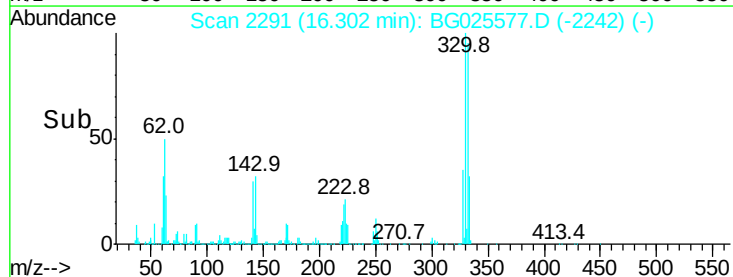
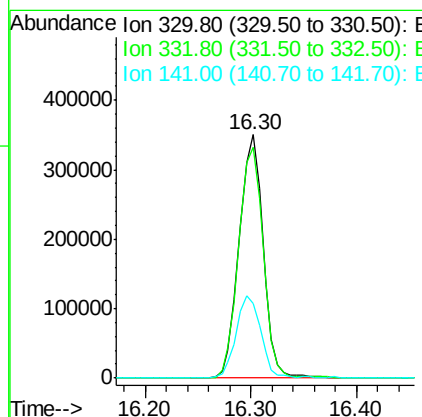
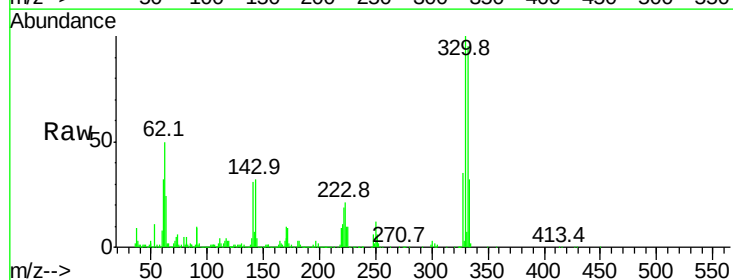
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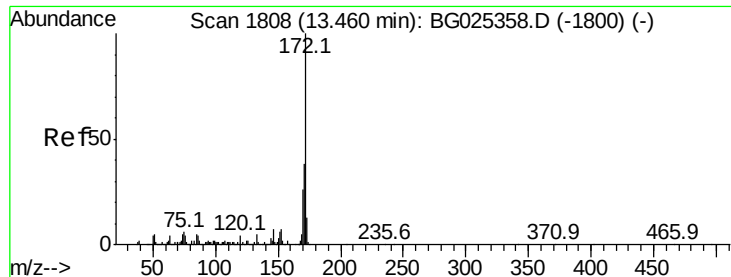
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#41
2,4,6-Tribromophenol
Concen: 130.26 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	549438		
332	97.6		77.3	115.9
141	34.0		32.1	48.1





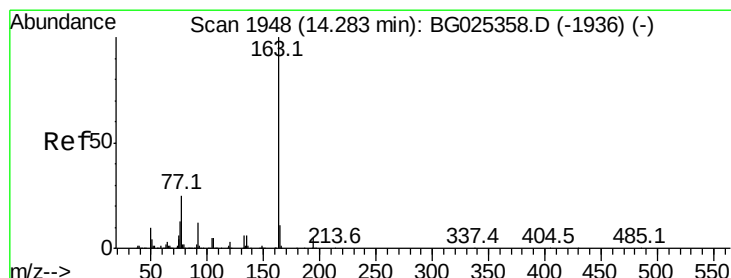
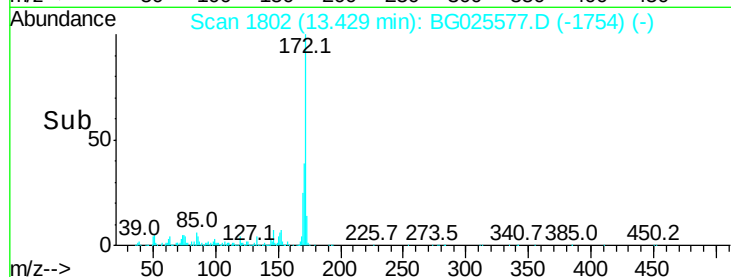
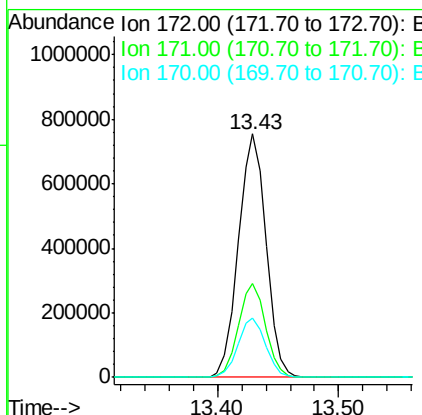
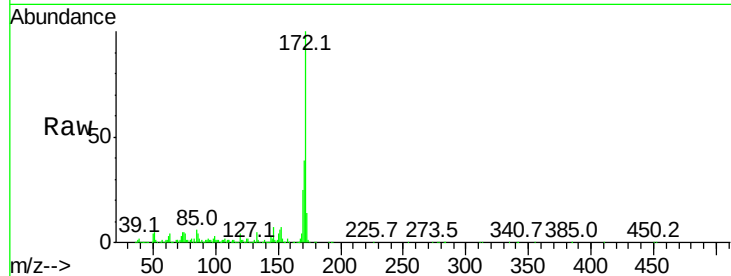
#44
2-Fluorobiphenyl
Concen: 74.56 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.2
170	24.6	21.8	32.6

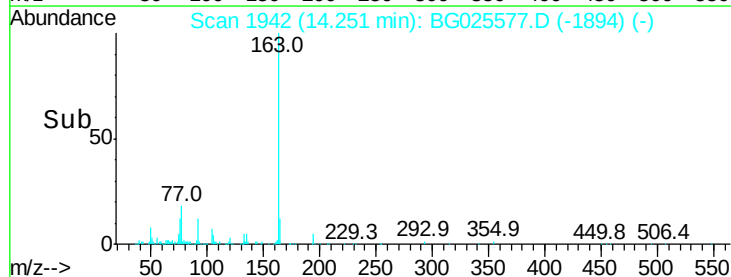
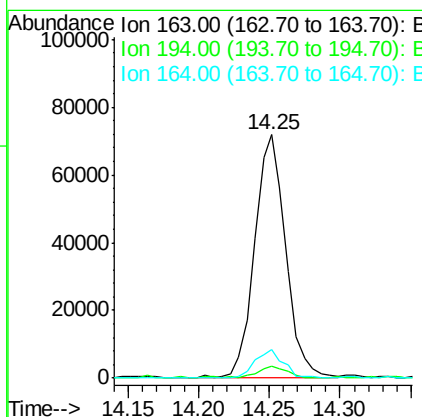
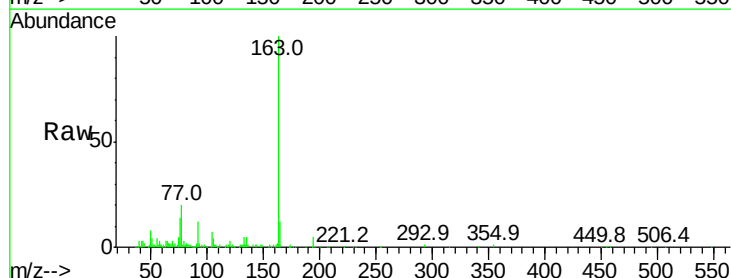
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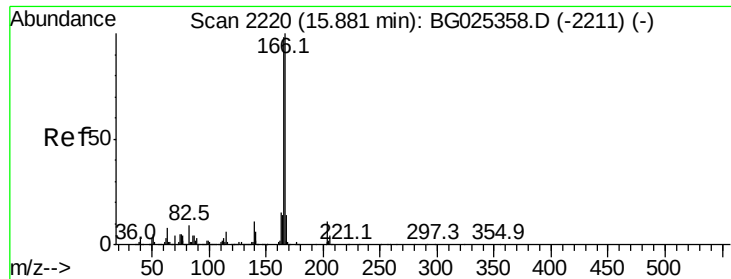
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#49
Dimethylphthalate
Concen: 5.83 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	11.5	9.3	13.9





#57

Fluorene

Concen: 2.91 ng

RT: 15.86 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Instrument :

BNA_G

ClientSampleId :

T2-0-2FT-COMP

Tot Ion:166 Resp: 53775

Ion Ratio Lower Upper

166 100

165 106.5 78.6 117.8

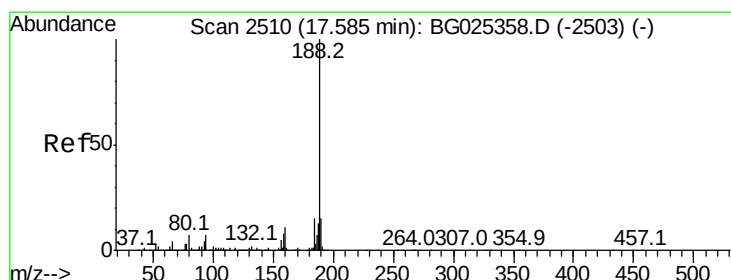
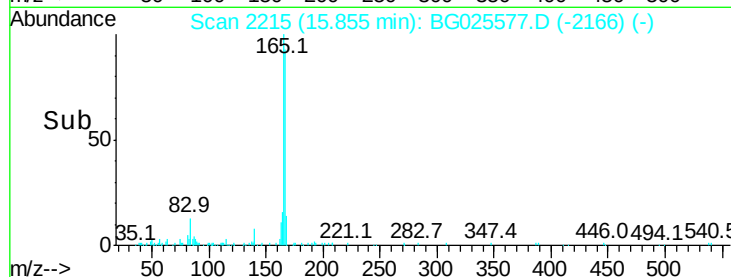
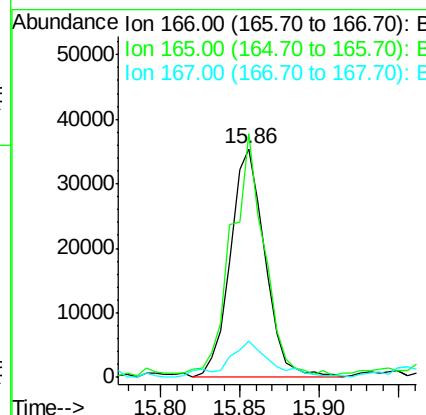
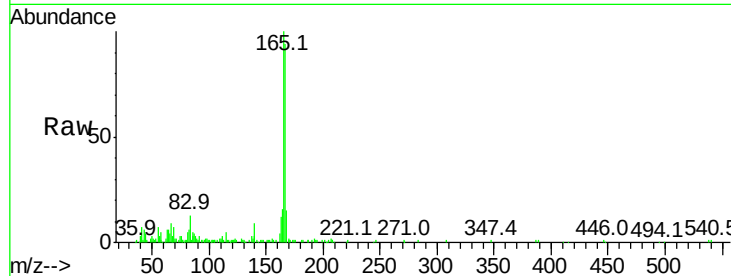
167 15.8 11.6 17.4

Manual Integrations

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.02 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

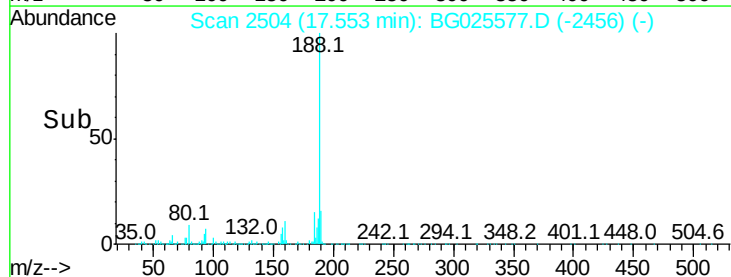
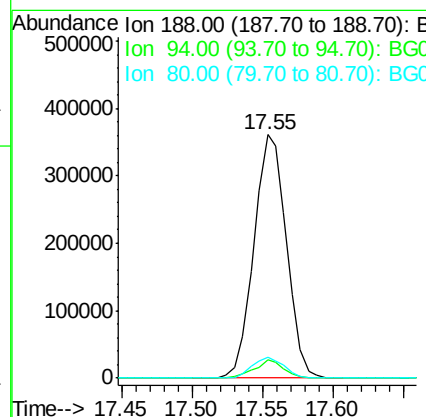
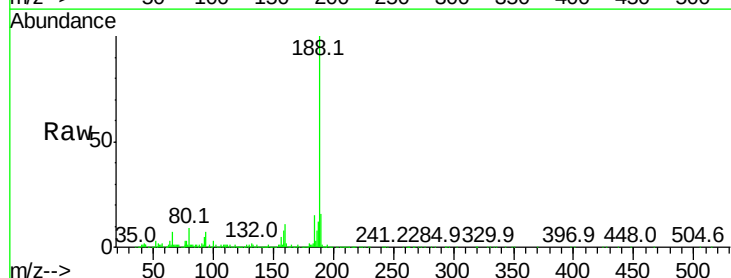
Tgt Ion:188 Resp: 582930

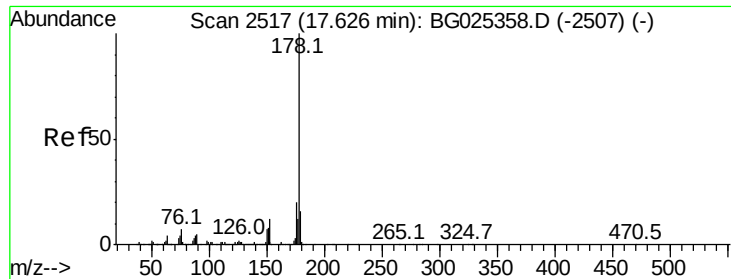
Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

80 8.6 7.5 11.3





#70

Phenanthrene

Concen: 42.97 ng

RT: 17.60 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Instrument :

BNA_G

ClientSampleId :

T2-0-2FT-COMP

Tot Ion:178 Resp: 1290884

Ion Ratio Lower Upper

178 100

176 20.5 17.7 26.5

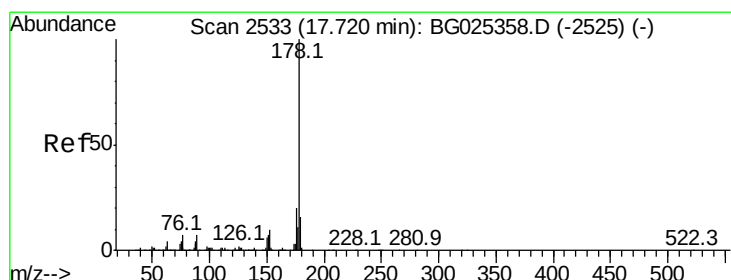
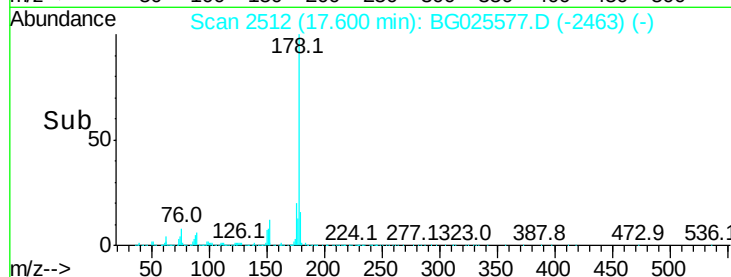
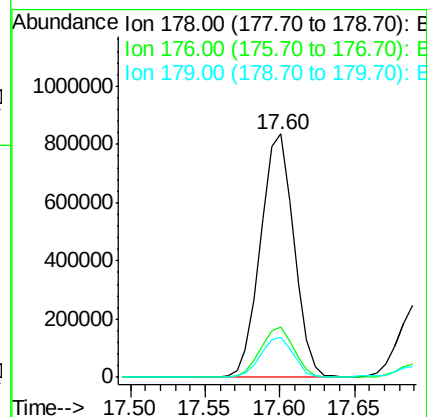
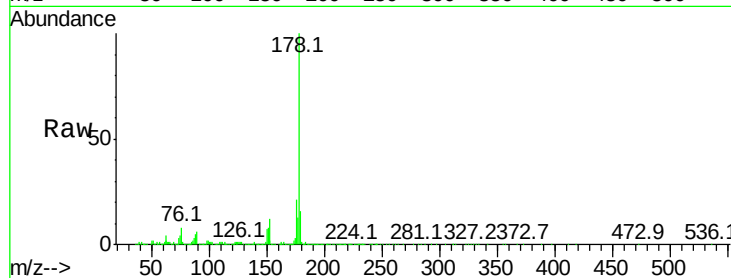
179 16.3 15.0 22.6

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#71

Anthracene

Concen: 12.22 ng

RT: 17.69 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

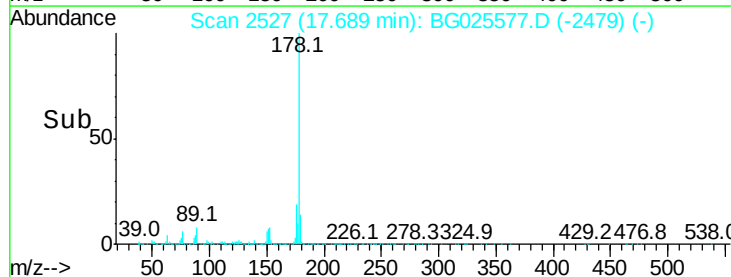
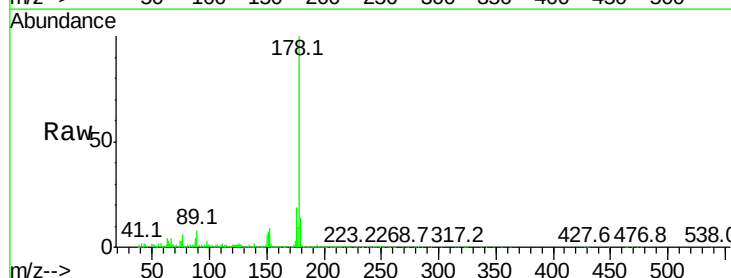
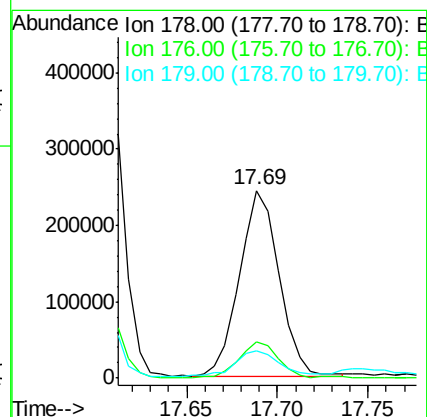
Tgt Ion:178 Resp: 372905

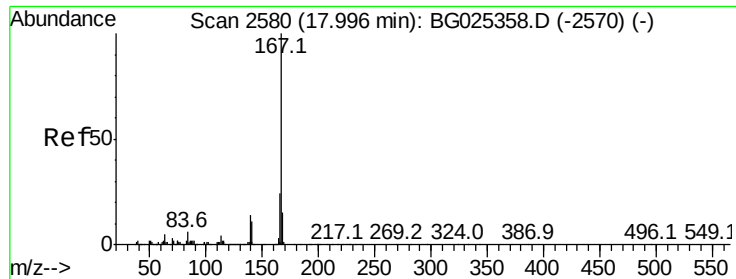
Ion Ratio Lower Upper

178 100

176 19.2 16.4 24.6

179 14.2 13.8 20.8





#72

Carbazole

Concen: 2.10 ng

RT: 17.97 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Instrument :

BNA_G

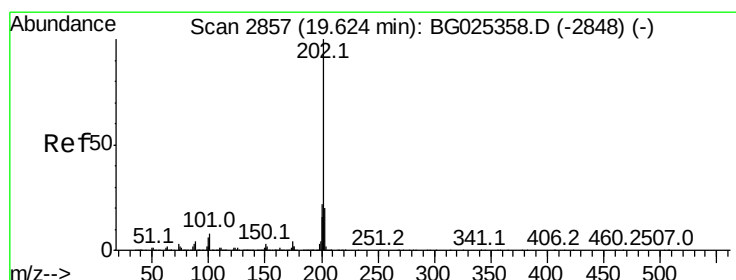
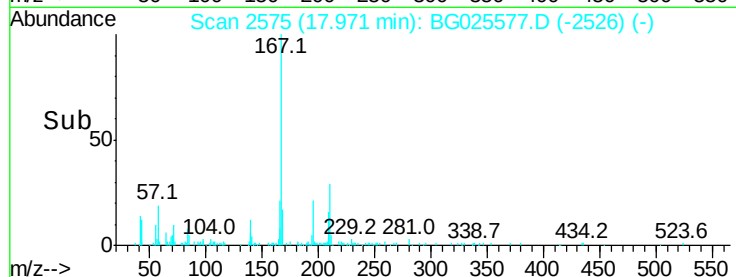
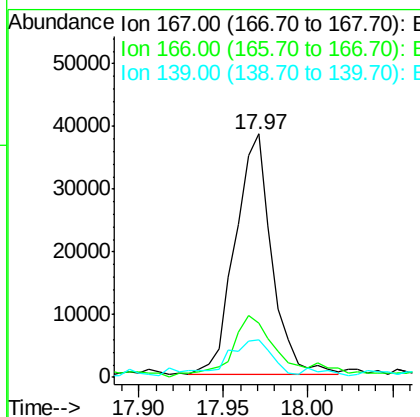
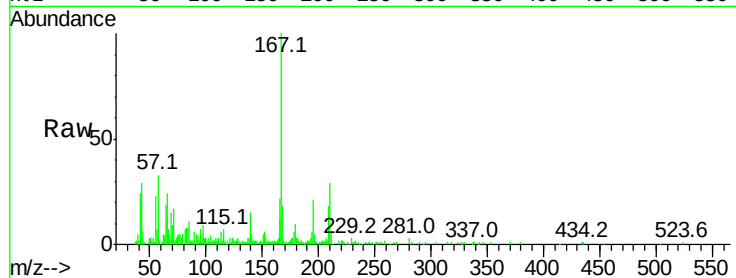
ClientSampleId :

T2-0-2FT-COMP

Tot Ion:	167	Resp:	57304
Ion Ratio	Lower	Upper	
167	100		
166	22.4	20.2	30.2
139	15.2	12.8	19.2

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#74

Fluoranthene

Concen: 75.55 ng

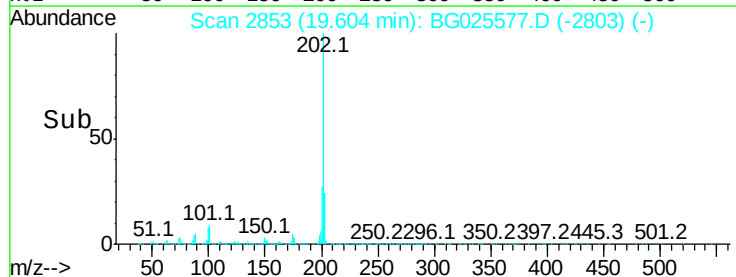
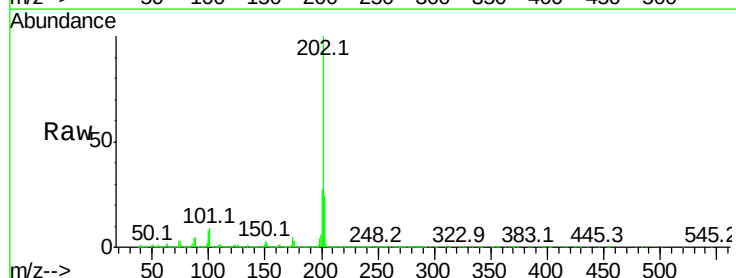
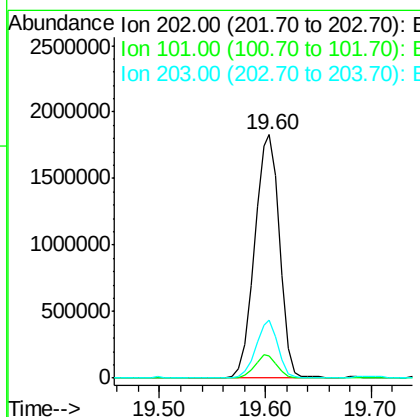
RT: 19.60 min Scan# 2853

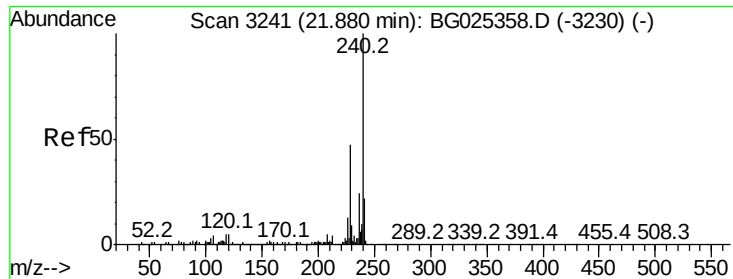
Delta R.T. -0.01 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Tgt Ion:	202	Resp:	2997653
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	30.1
203	23.7	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Instrument :

BNA_G

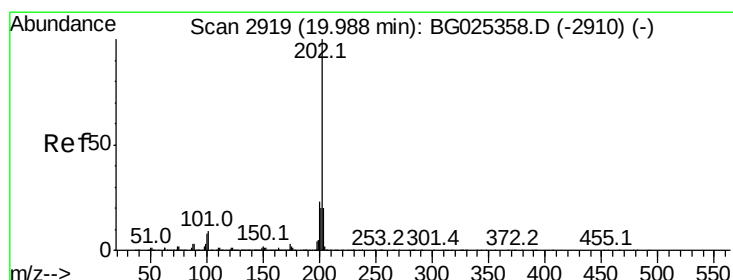
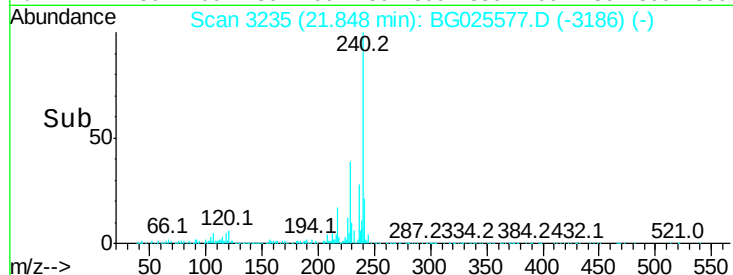
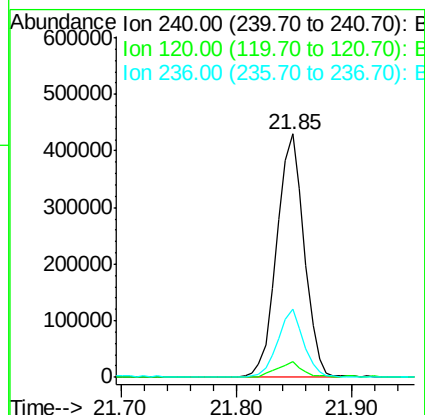
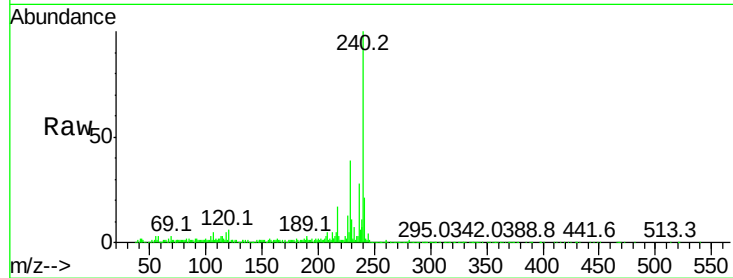
ClientSampleId :

T2-0-2FT-COMP

Tot Ion:	240	Resp:	704226
Ion Ratio	Lower	Upper	
240	100		
120	6.3	5.7	8.5
236	28.1	22.2	33.4

Manual Integrations
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#77

Pyrene

Concen: 70.27 ng

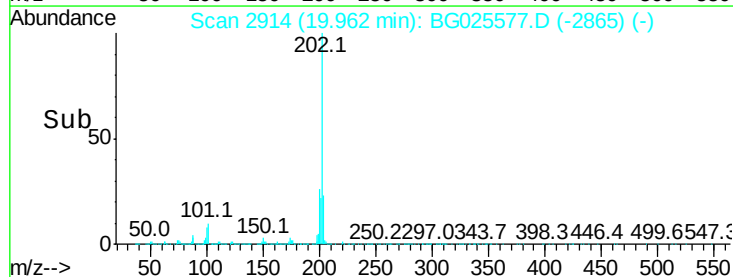
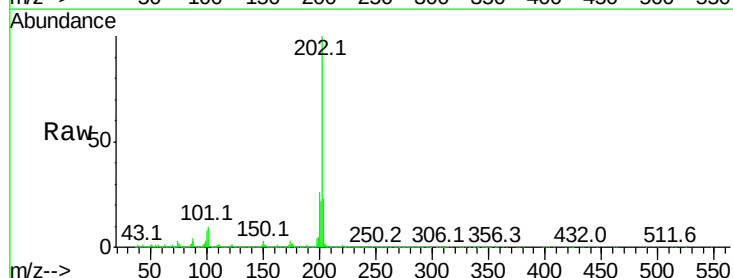
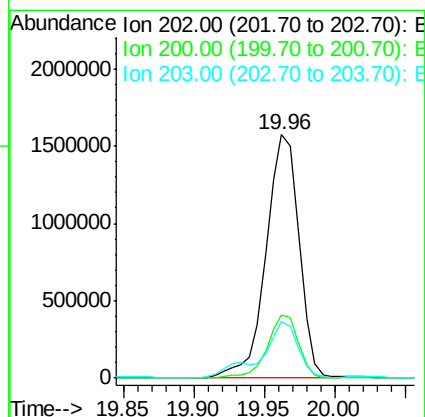
RT: 19.96 min Scan# 2914

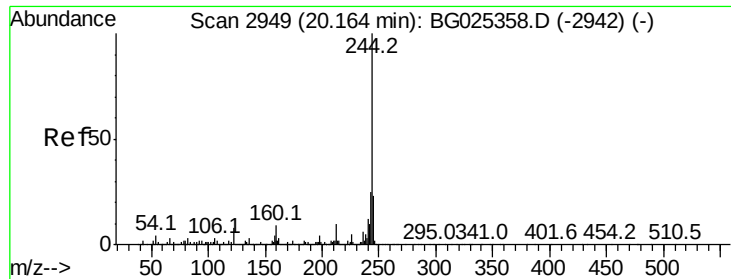
Delta R.T. -0.01 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Tgt Ion:	202	Resp:	2586448
Ion Ratio	Lower	Upper	
202	100		
200	26.2	19.6	29.4
203	23.4	15.8	23.8





#78

Terphenyl-d14

Concen: 67.78 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Instrument :

BNA_G

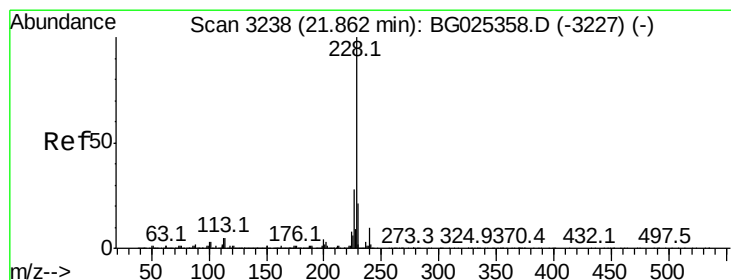
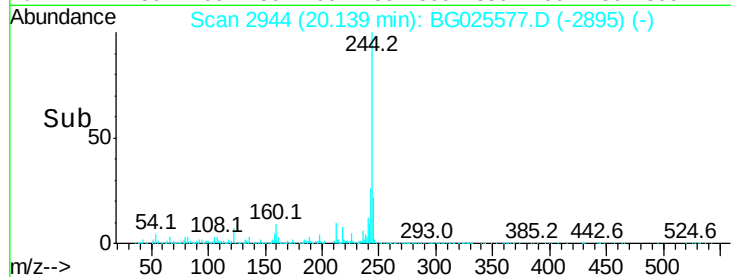
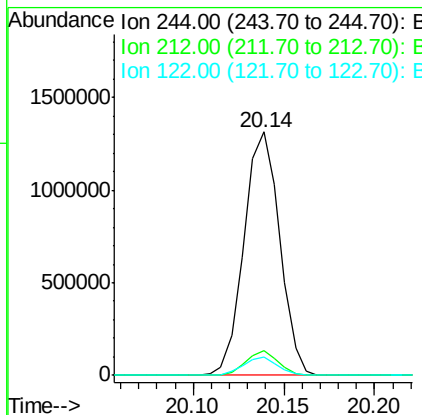
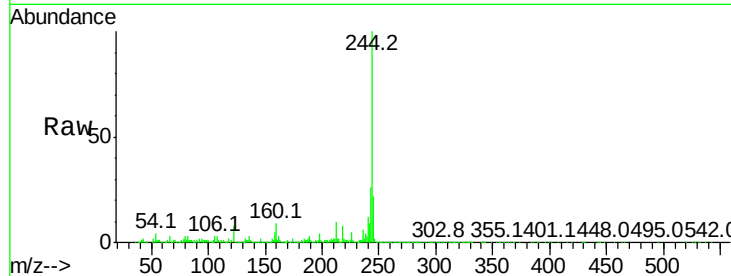
ClientSampleId :

T2-0-2FT-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.0	15.0
122	7.5	8.6	12.8

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 41.15 ng

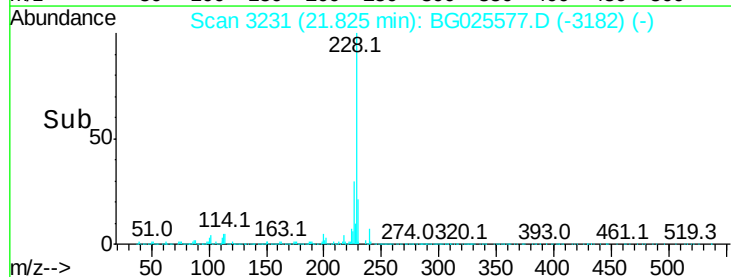
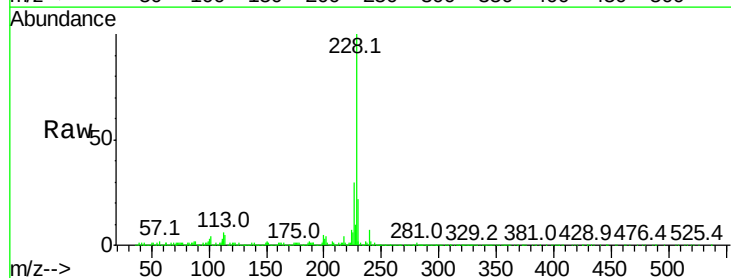
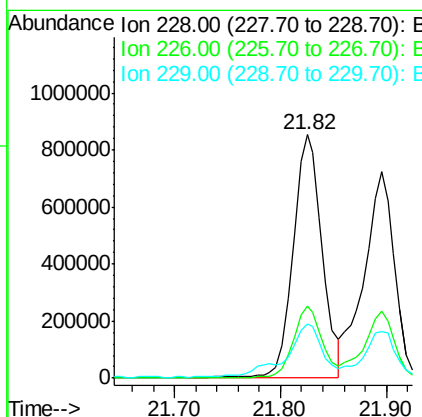
RT: 21.82 min Scan# 3231

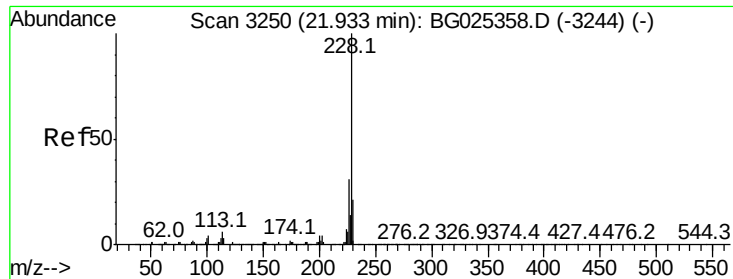
Delta R.T. -0.01 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	22.2	18.2	27.2





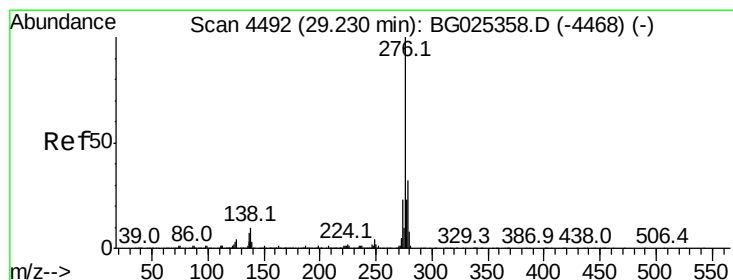
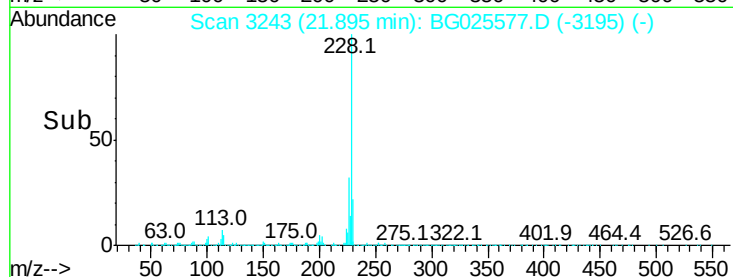
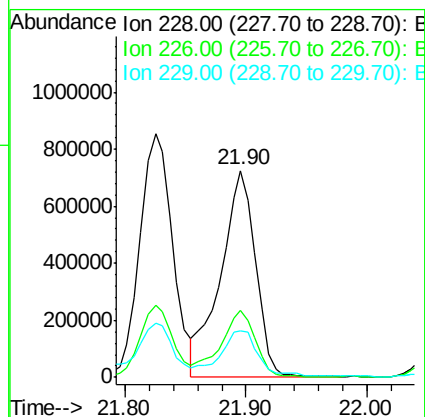
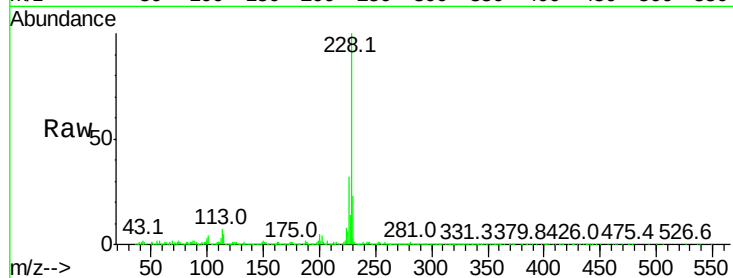
#82
Chrysene
Concen: 38.55 ng
RT: 21.90 min Scan# 3243
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	27.0	40.4
229	22.5	17.8	26.6

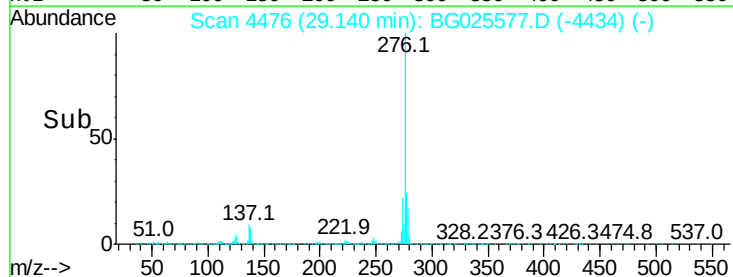
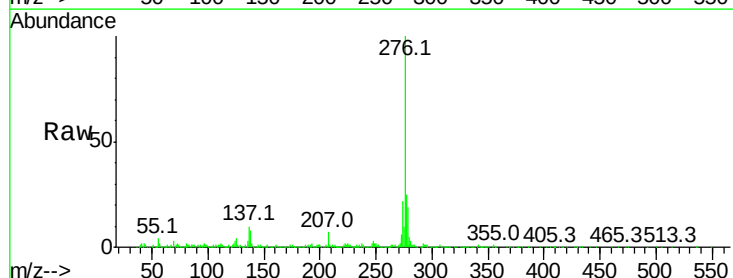
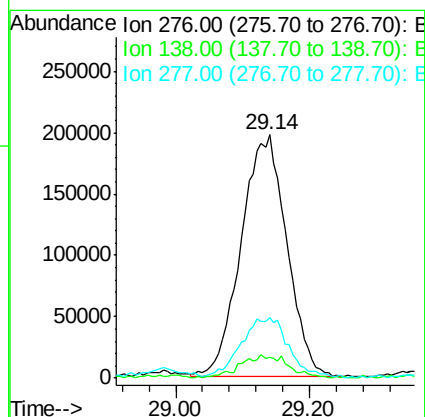
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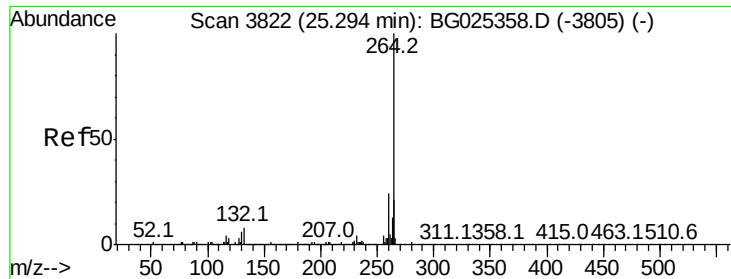
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 19.49 ng
RT: 29.14 min Scan# 4476
Delta R.T. -0.06 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.5	4.7	7.1#
277	25.1	20.6	31.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.24 min Scan# 3812

Delta R.T. -0.03 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Instrument :

BNA_G

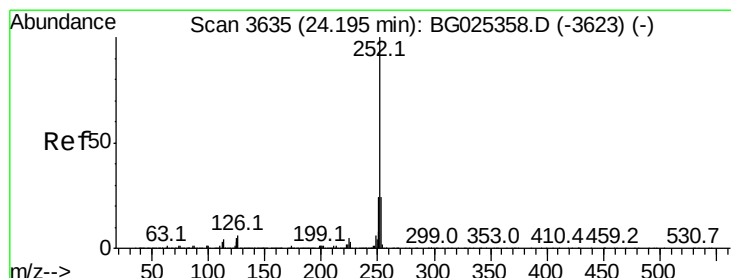
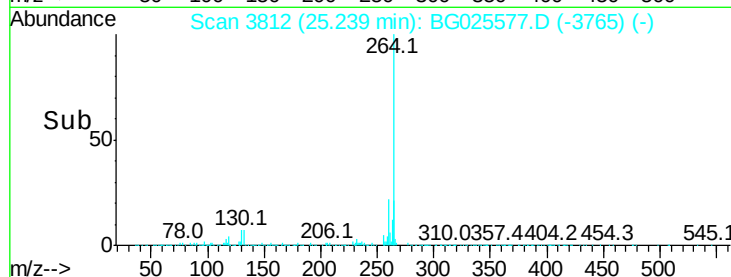
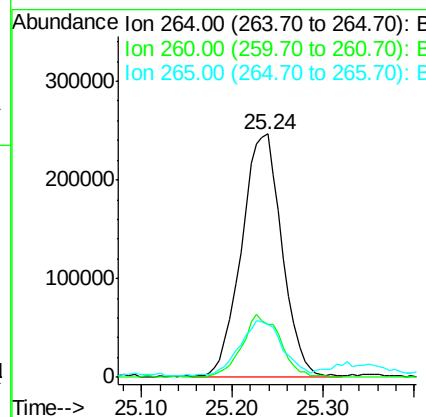
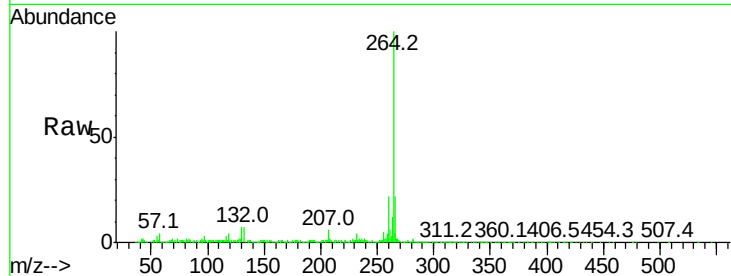
ClientSampleId :

T2-0-2FT-COMP

Tot Ion:	264	Resp:	755807
Ion Ratio	Lower	Upper	
264	100		
260	21.8	21.8	32.8#
265	21.7	18.2	27.4

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#87

Benzo(b)fluoranthene

Concen: 44.07 ng

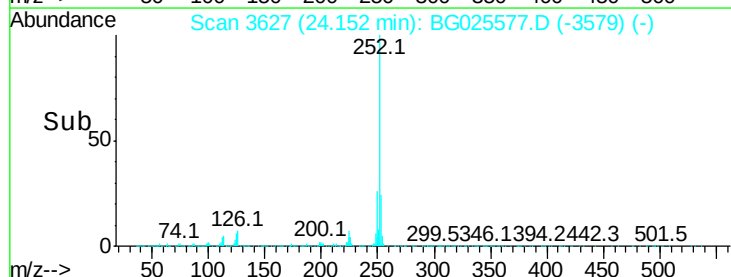
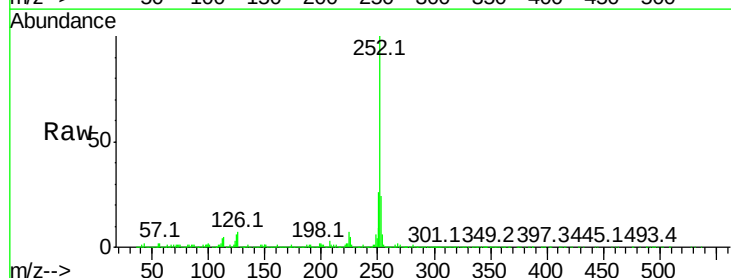
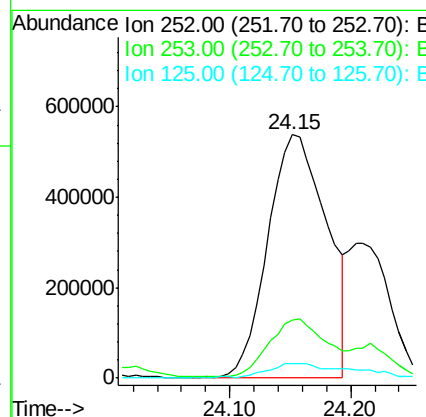
RT: 24.15 min Scan# 3627

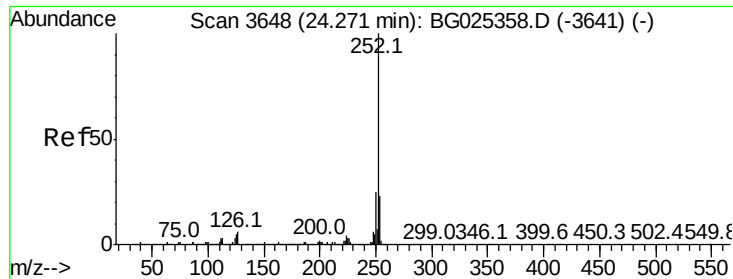
Delta R.T. -0.02 min

Lab File: BG025577.D

Acq: 21 Jan 2017 17:25

Tgt Ion:	252	Resp:	1817393
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.7	28.1
125	6.0	5.3	7.9





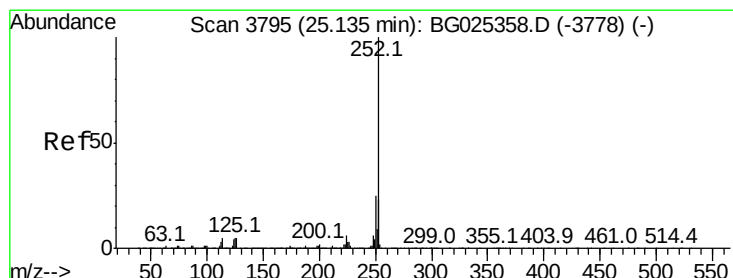
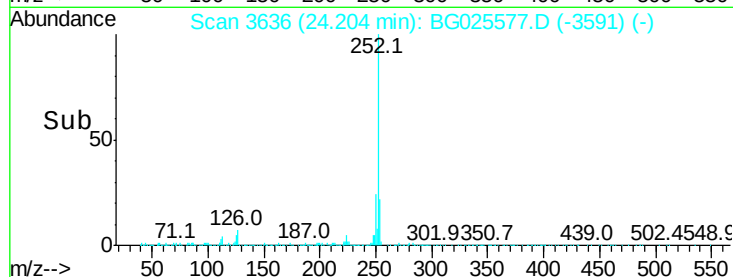
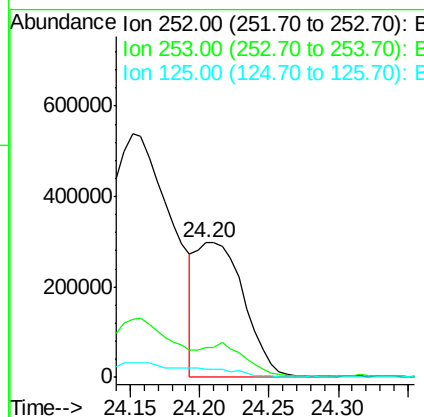
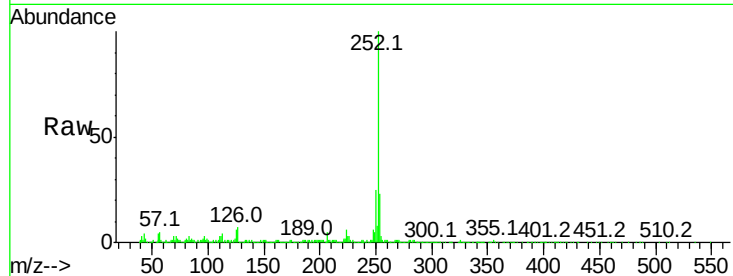
#88
Benzo(k)fluoranthene
Concen: 17.99 ng m
RT: 24.20 min Scan# 3636
Delta R.T. -0.04 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.2	30.2
125	5.7	5.1	7.7

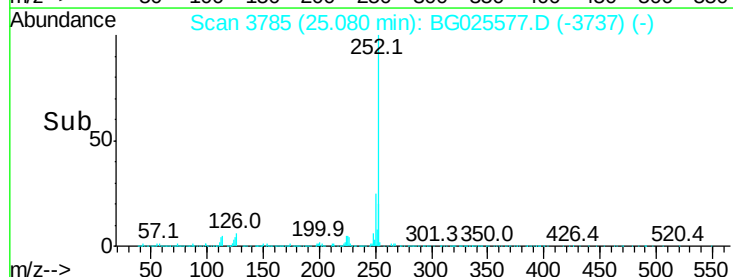
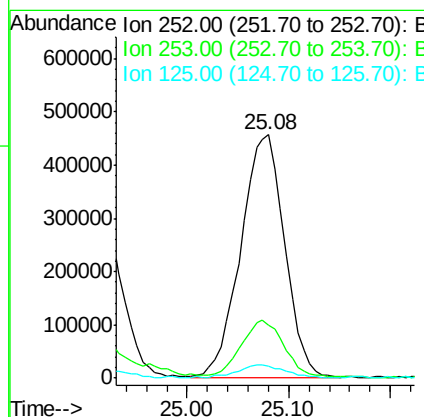
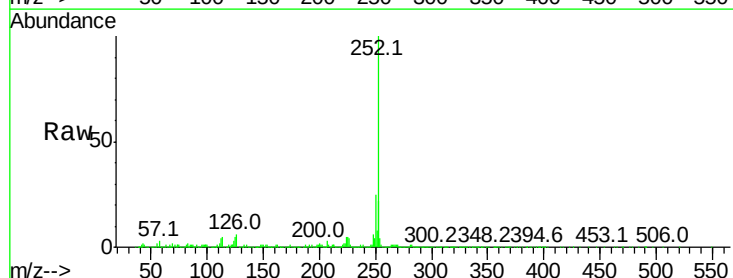
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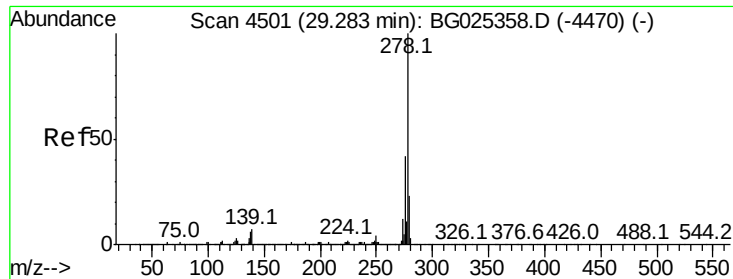
mohammad
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#89
Benzo(a)pyrene
Concen: 34.11 ng
RT: 25.08 min Scan# 3785
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.2	28.8
125	5.0	5.4	8.0





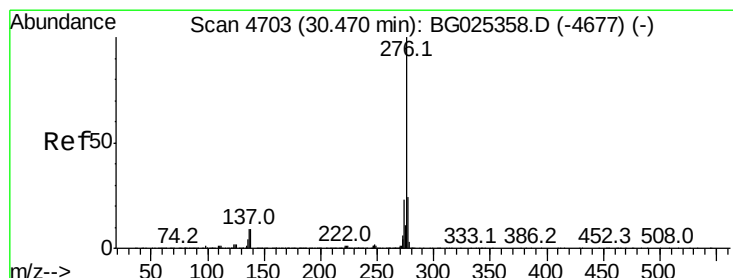
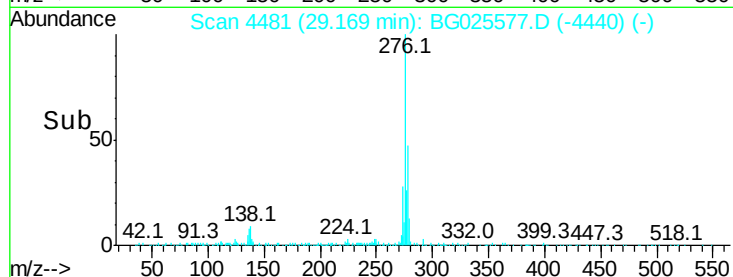
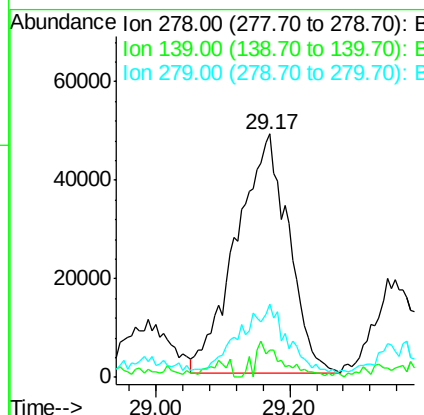
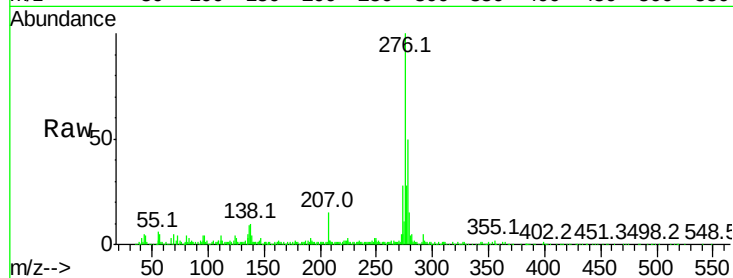
#90
Dibenzo(a,h)anthracene
Concen: 6.21 ng
RT: 29.17 min Scan# 4481
Delta R.T. -0.06 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tot Ion:	278	Resp:	262022
Ion Ratio	Lower	Upper	
278	100		
139	11.3	7.7	11.5
279	30.1	19.1	28.7#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 20.22 ng
RT: 30.37 min Scan# 4685
Delta R.T. -0.06 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:	276	Resp:	848240
Ion Ratio	Lower	Upper	
276	100		
277	25.6	18.6	27.8
138	9.6	8.1	12.1

