

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
 Data File : BG025581.D
 Acq On : 21 Jan 2017 20:05
 Operator : UM/SJ
 Sample : I1329-05RE
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-3FT-COMPRES

Manual Integrations
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mohammad
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Quant Time: Jan 23 03:15:11 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	77736	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	314569	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	249418	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	549242	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	713195	20.00	ng	-0.02
86) Perylene-d12	25.23	264	766991	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	50465	11.80	ng	-0.01
7) Phenol-d6	7.34	99	323067	53.64	ng	-0.02
23) Nitrobenzene-d5	9.36	82	482072	67.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.31	330	8792	2.19	ng	-0.01
44) 2-Fluorobiphenyl	13.43	172	930638	60.41	ng	-0.02
78) Terphenyl-d14	20.14	244	1581522	58.80	ng	-0.02
Target Compounds						
10) Phenol	7.36	94	13779	2.06	ng	# 68
14) 1,2-Dichlorobenzene	8.53	146	12420	2.15	ng	# 70
30) 1,2,4-Trichlorobenzene	10.87	180	36461	5.74	ng	91
49) Dimethylphthalate	14.25	163	178032	9.79	ng	# 95
70) Phenanthrene	17.60	178	183378	6.48	ng	96
74) Fluoranthene	19.60	202	247410	6.62	ng	92
77) Pyrene	19.96	202	263599	7.07	ng	94
80) Benzo(a)anthracene	21.82	228	129713m	3.26	ng	
82) Chrysene	21.89	228	138467m	3.63	ng	
87) Benzo(b)fluoranthene	24.14	252	145124	3.47	ng	# 97
89) Benzo(a)pyrene	25.07	252	103845	2.57	ng	# 92

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

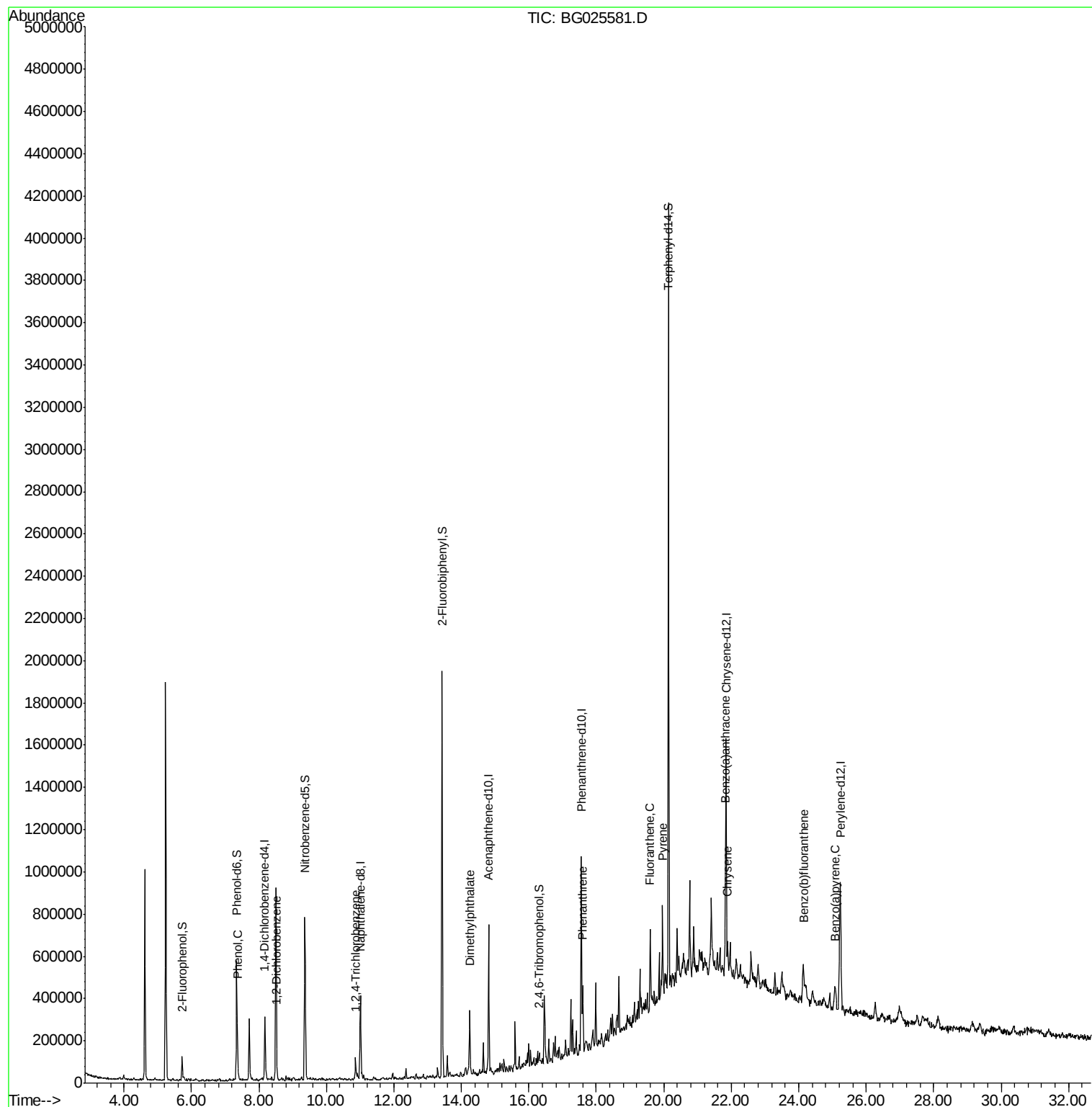
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
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Misc :
ALS Vial : 45 Sample Multiplier: 1

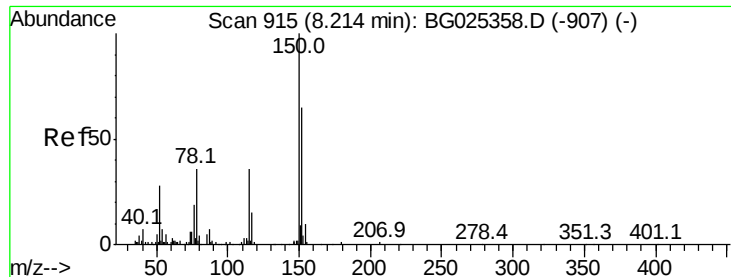
Instrument :
BNA_G
ClientSampleId :
S1-0-3FT-COMPRE

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Instrument :

BNA_G

ClientSampleId :

S1-0-3FT-COMPRE

Tot Ion:152 Resp: 77736

Ion Ratio Lower Upper

152 100

150 130.5 114.0 171.0

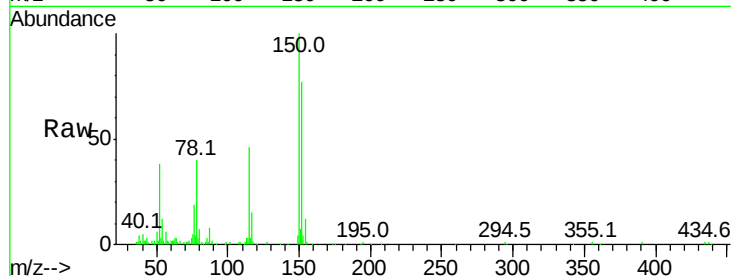
115 60.3 48.1 72.1

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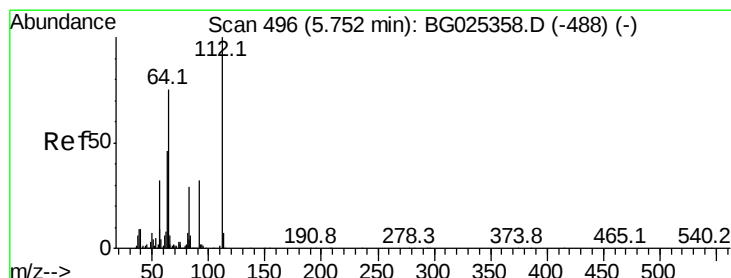
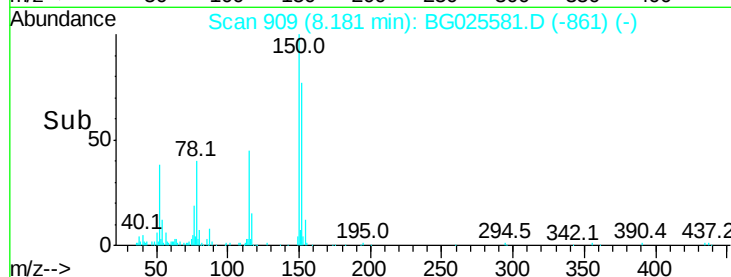
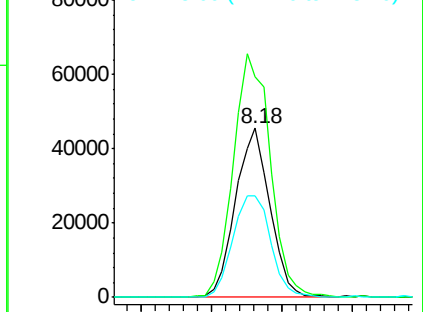
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 11.80 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.01 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

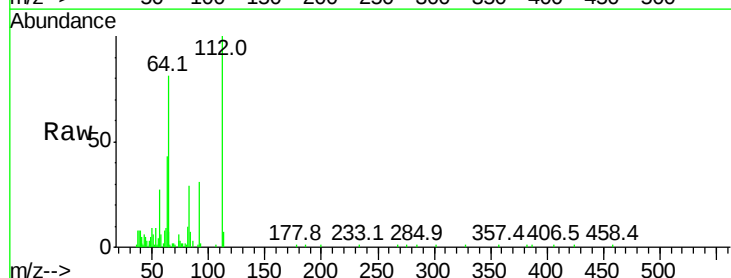
Tgt Ion:112 Resp: 50465

Ion Ratio Lower Upper

112 100

64 80.6 61.8 92.6

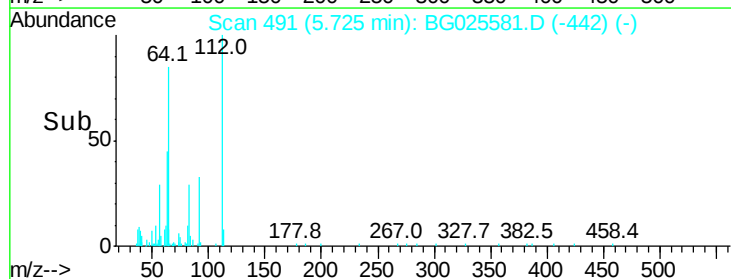
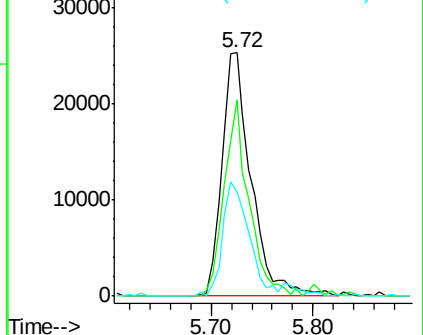
63 42.8 37.2 55.8

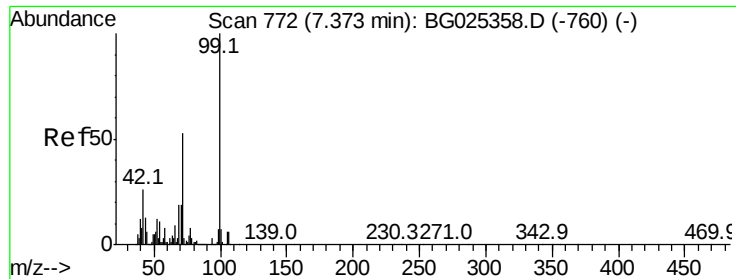


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 53.64 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Instrument :

BNA_G

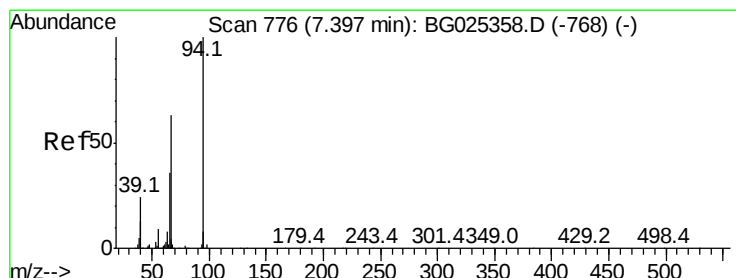
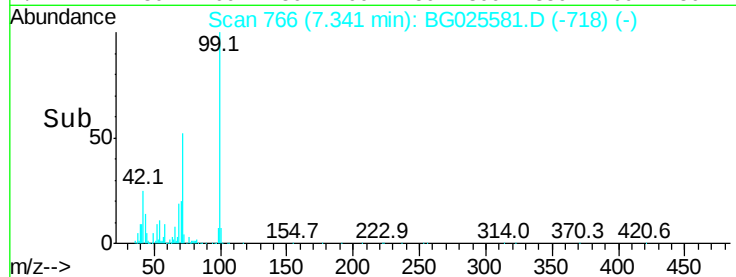
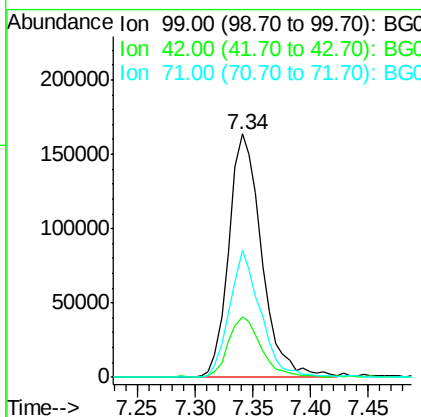
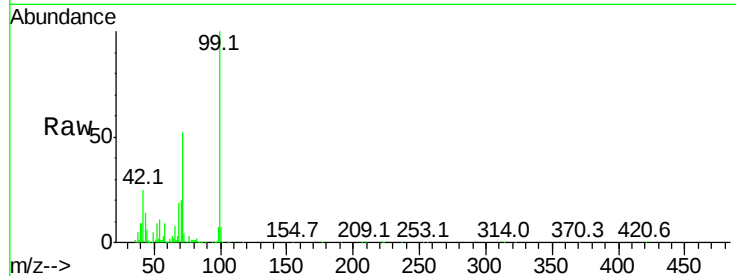
ClientSampleId :

S1-0-3FT-COMPRE

Tot Ion:	99	Resp:	323067
Ion Ratio	Lower	Upper	
99	100		
42	24.8	20.5	30.7
71	52.2	37.6	56.4

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#10

Phenol

Concen: 2.06 ng

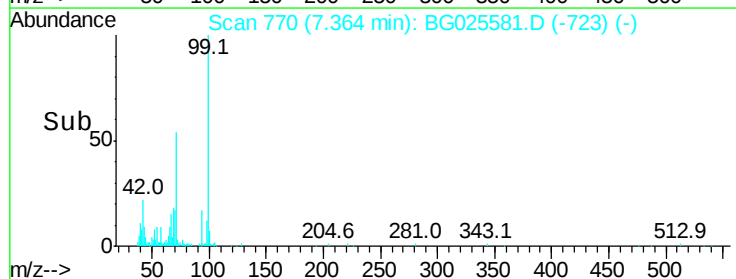
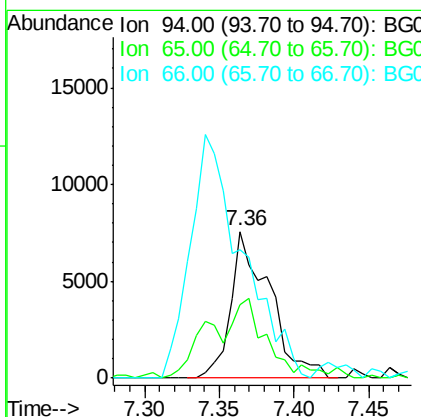
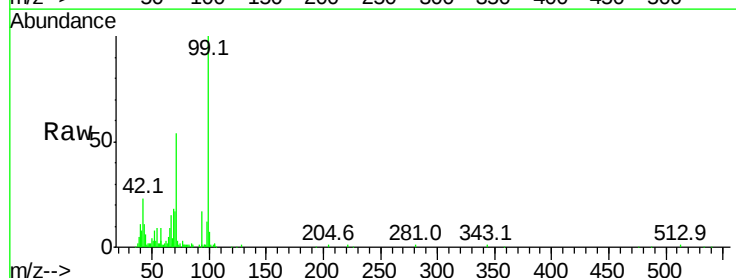
RT: 7.36 min Scan# 770

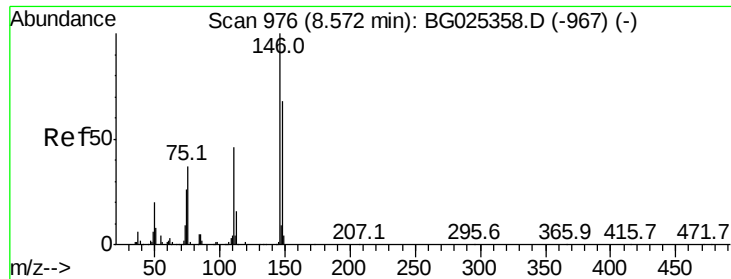
Delta R.T. -0.02 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Tgt Ion:	94	Resp:	13779
Ion Ratio	Lower	Upper	
94	100		
65	50.3	20.6	60.6
66	87.7	35.5	75.5#





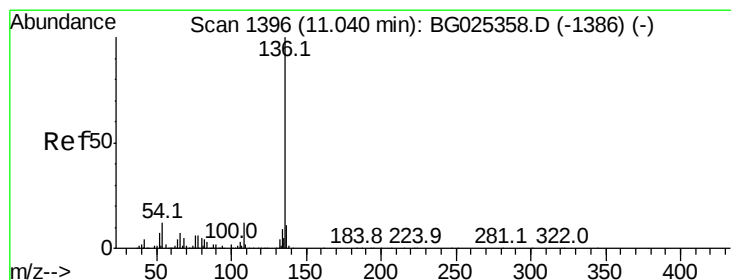
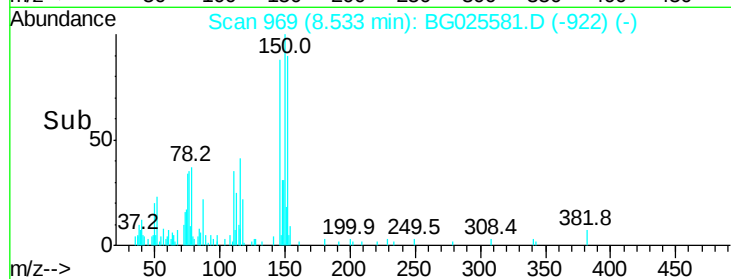
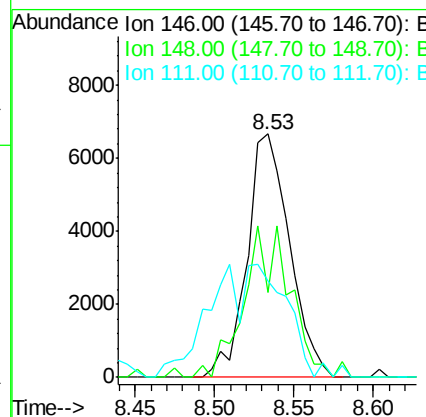
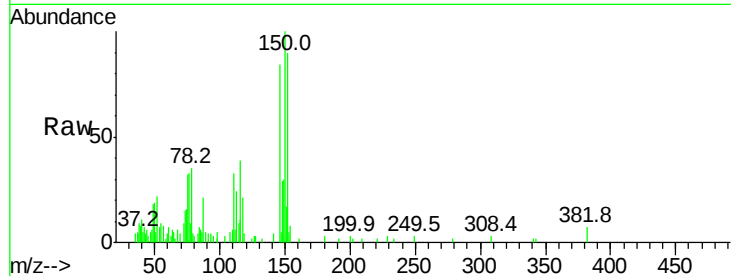
#14
 1,2-Dichlorobenzene
 Concen: 2.15 ng
 RT: 8.53 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-3FT-COMPRE

Tot Ion	Ratio	Lower	Upper
146	100		
148	34.9	54.6	81.8#
111	39.4	39.7	59.5#

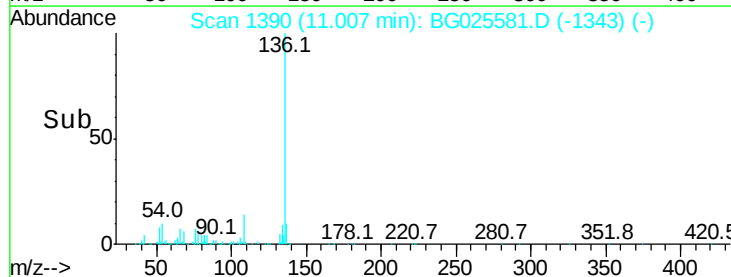
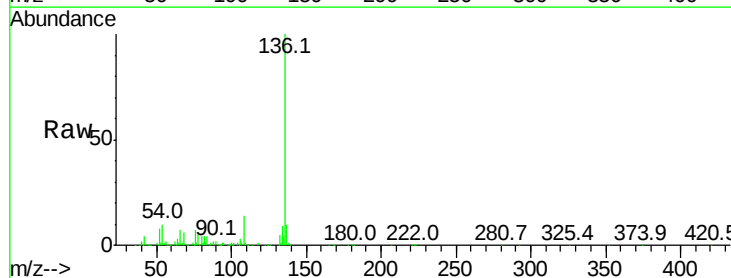
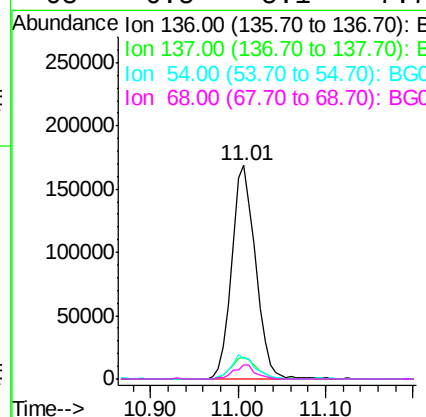
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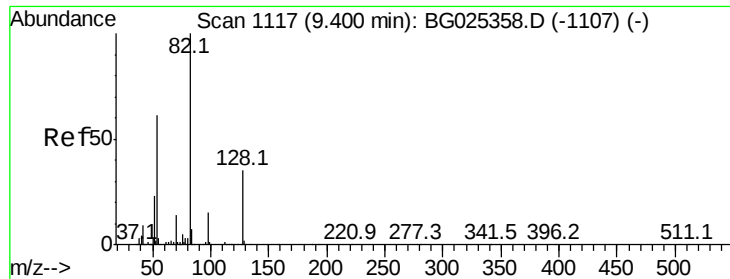
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#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 11.01 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	9.5	9.3	13.9
68	6.5	5.1	7.7





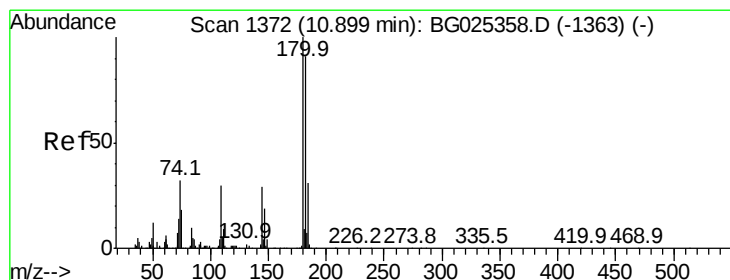
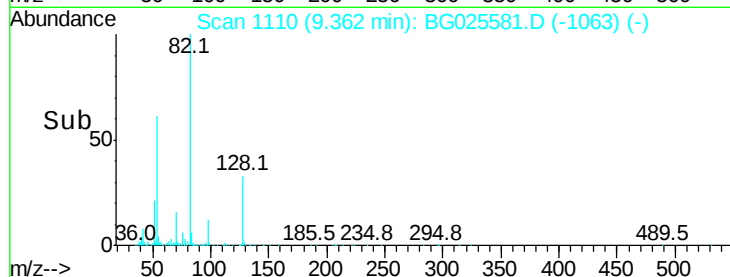
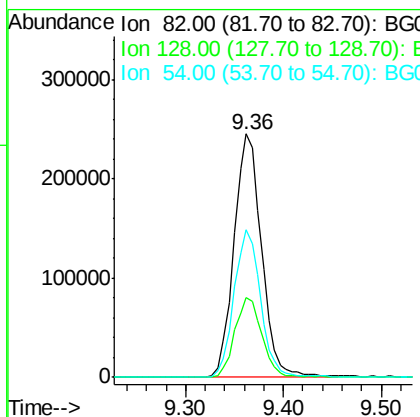
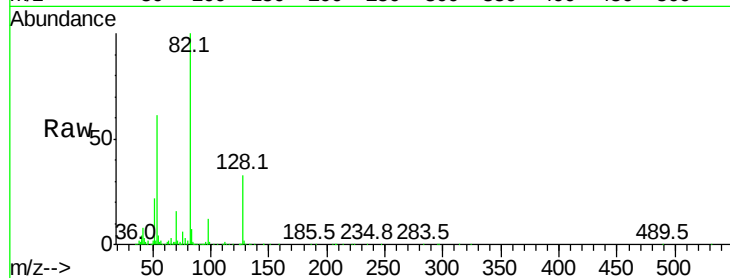
#23
 Nitrobenzene-d5
 Concen: 67.70 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-3FT-COMPRE

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	26.4	39.6
54	60.7	49.4	74.2

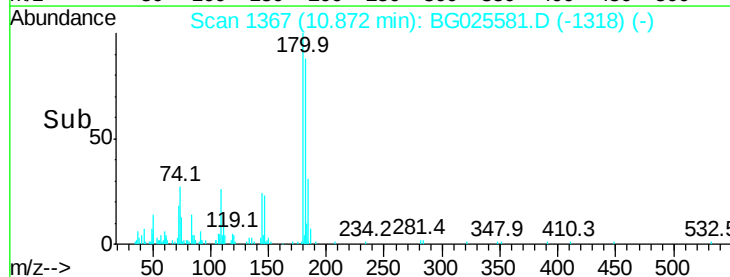
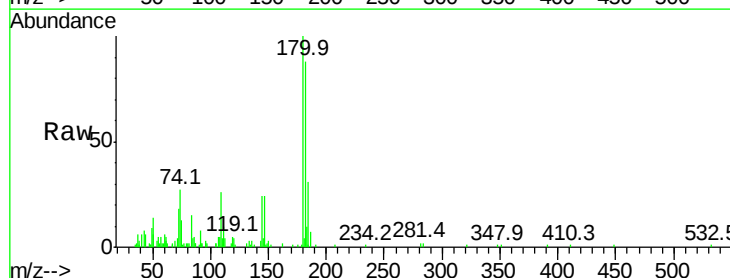
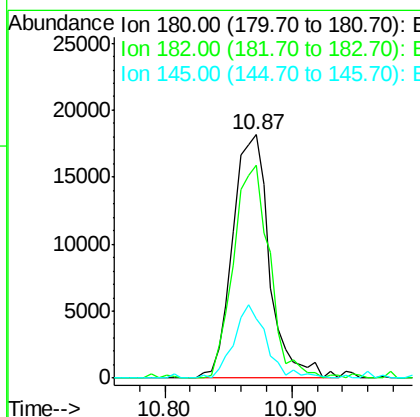
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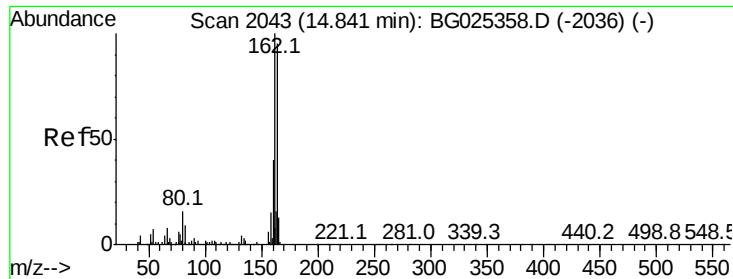
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#30
 1,2,4-Trichlorobenzene
 Concen: 5.74 ng
 RT: 10.87 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.6	77.0	115.4
145	24.2	23.4	35.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Instrument :

BNA_G

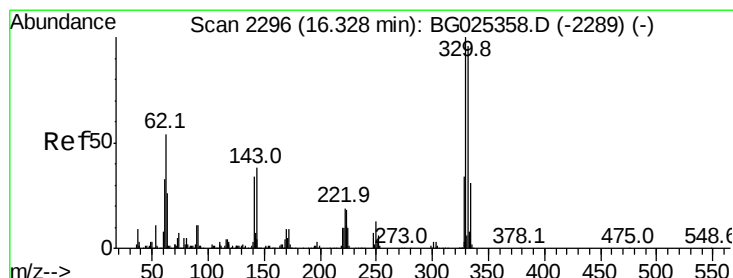
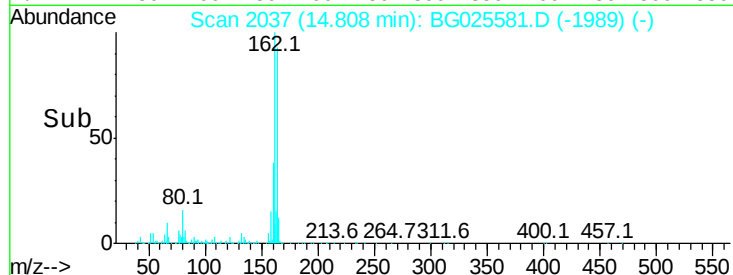
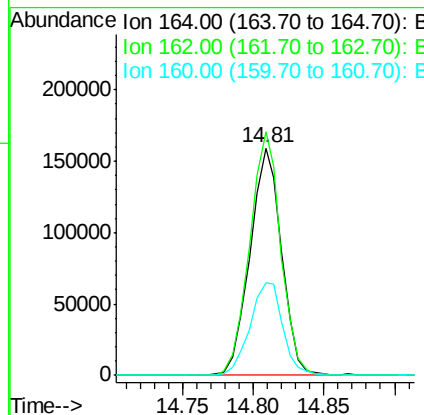
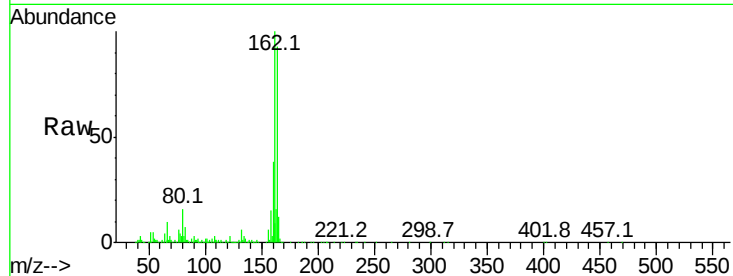
ClientSampleId :

S1-0-3FT-COMPRE

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	40.6	34.7	52.1

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#41

2,4,6-Tribromophenol

Concen: 2.19 ng

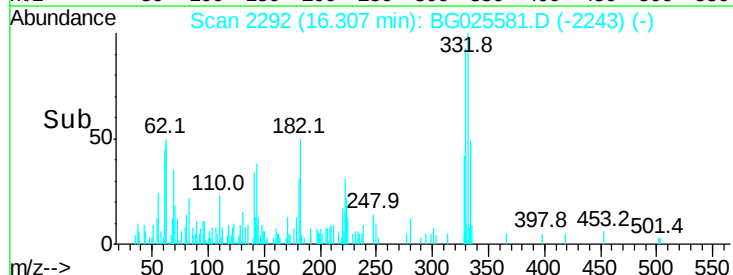
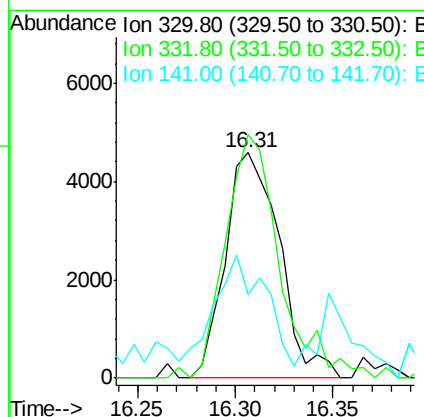
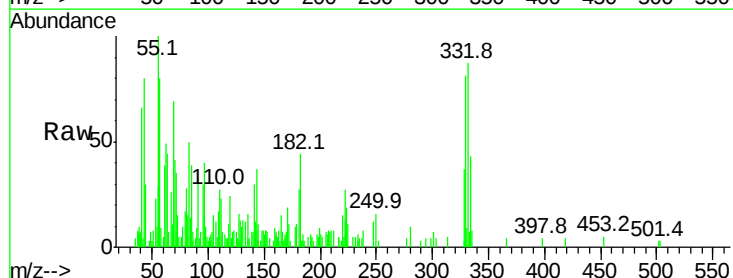
RT: 16.31 min Scan# 2292

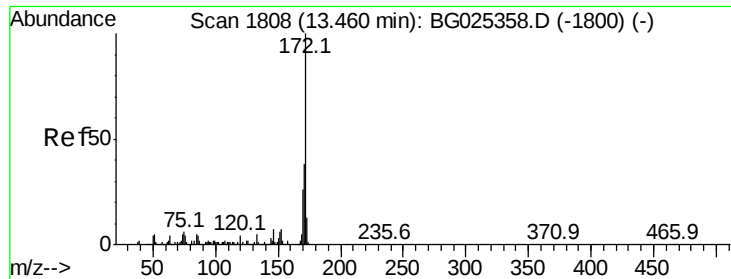
Delta R.T. -0.01 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	110.0	77.3	115.9
141	44.7	32.1	48.1





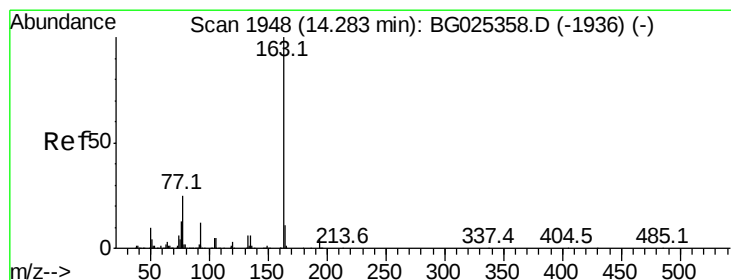
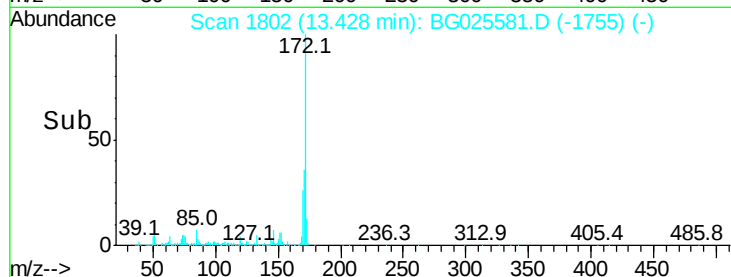
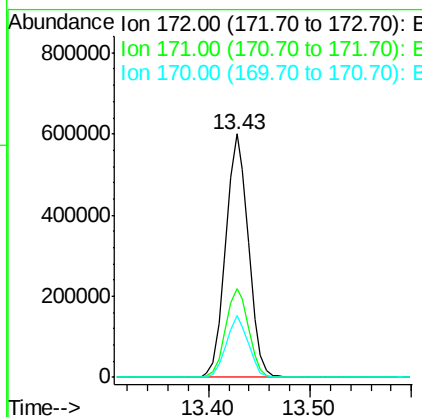
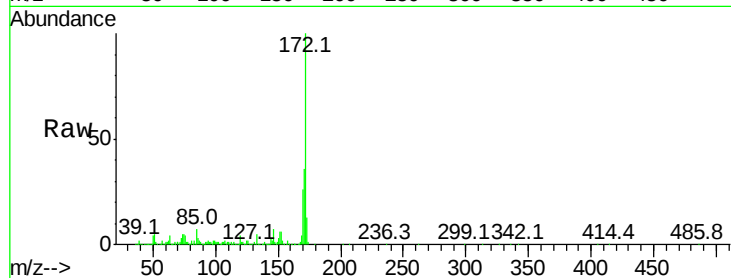
#44
2-Fluorobiphenyl
Concen: 60.41 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025581.D
Acq: 21 Jan 2017 20:05

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Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	25.6	21.8	32.6

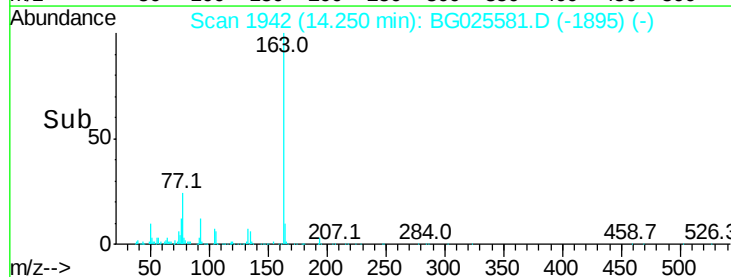
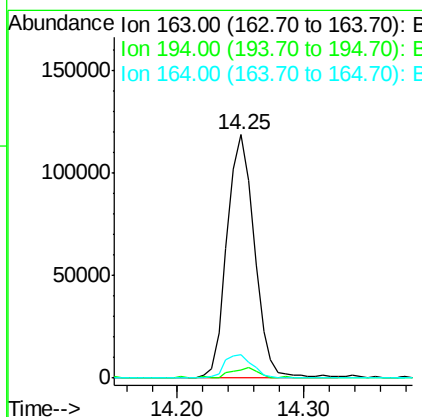
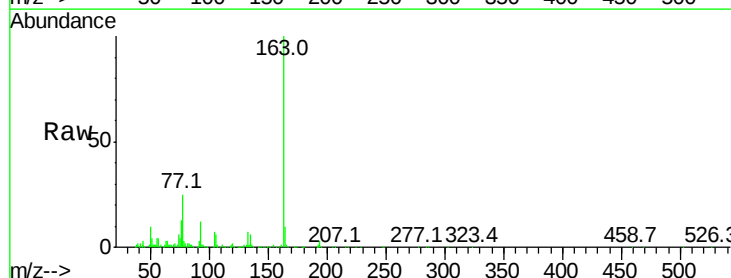
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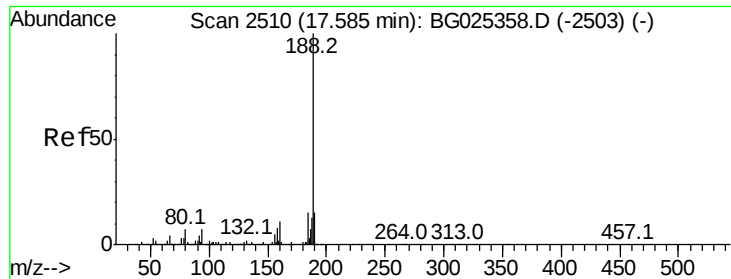
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#49
Dimethylphthalate
Concen: 9.79 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG025581.D
Acq: 21 Jan 2017 20:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.8	5.6#
164	9.8	9.3	13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Instrument :

BNA_G

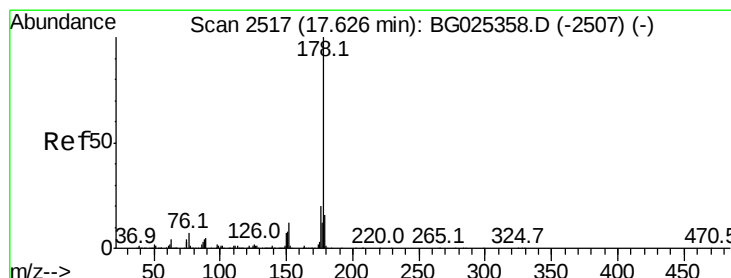
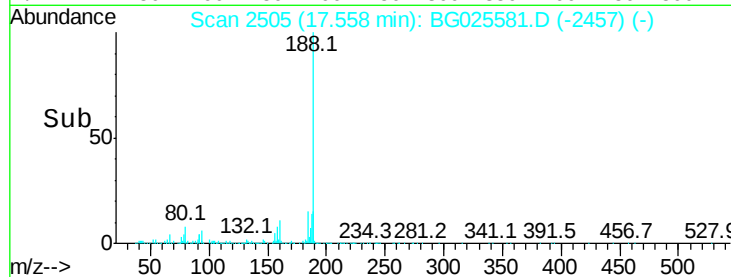
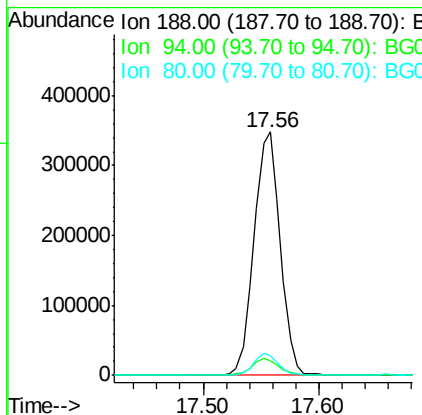
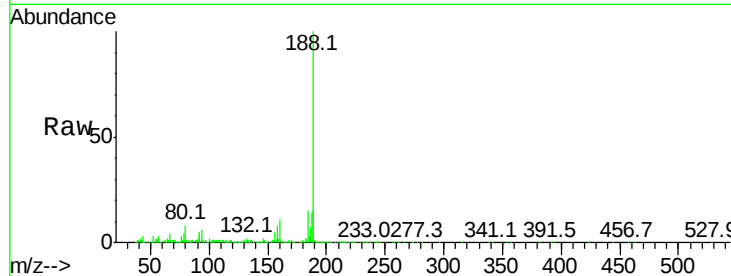
ClientSampleId :

S1-0-3FT-COMPRE

Tot Ion:	188	Resp:	549242
Ion Ratio	Lower	Upper	
188	100		
94	6.1	5.8	8.8
80	7.9	7.5	11.3

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#70

Phenanthrene

Concen: 6.48 ng

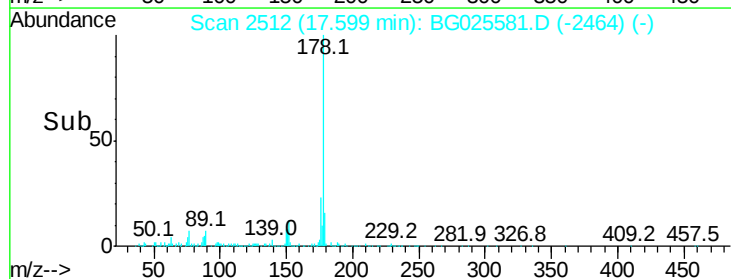
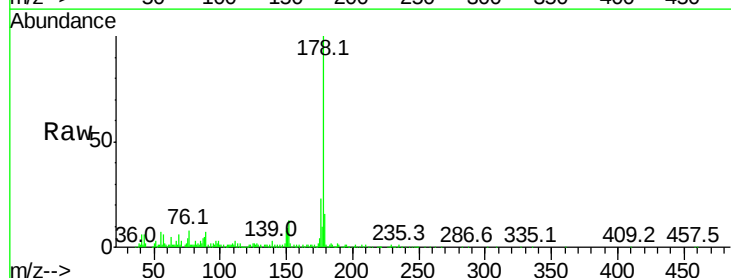
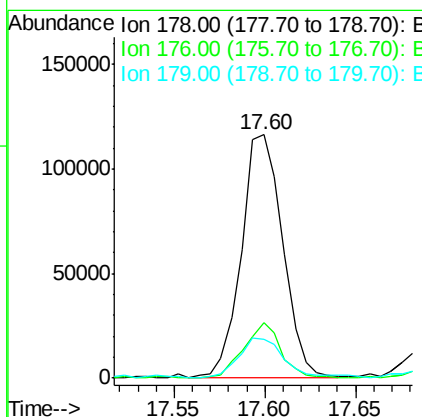
RT: 17.60 min Scan# 2512

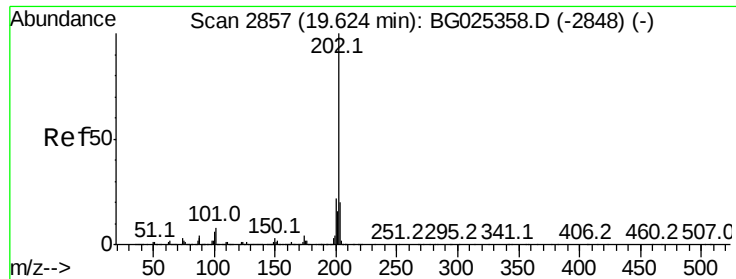
Delta R.T. -0.02 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Tgt Ion:	178	Resp:	183378
Ion Ratio	Lower	Upper	
178	100		
176	23.0	17.7	26.5
179	16.2	15.0	22.6





#74

Fluoranthene

Concen: 6.62 ng

RT: 19.60 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Instrument :

BNA_G

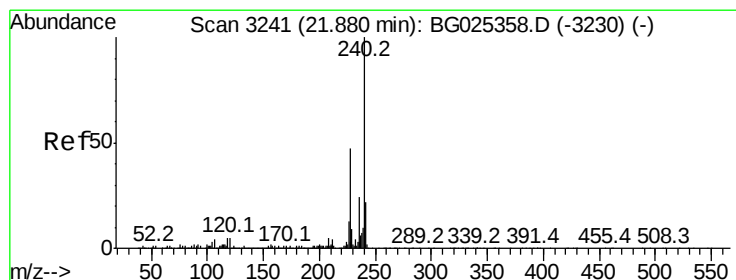
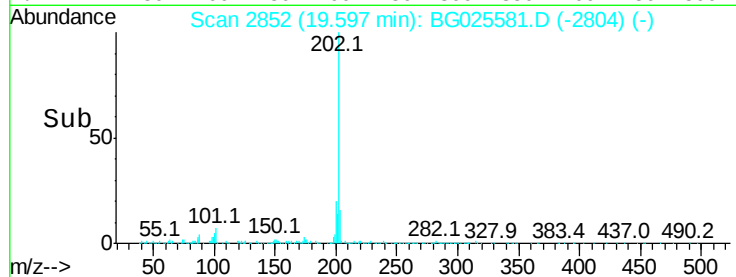
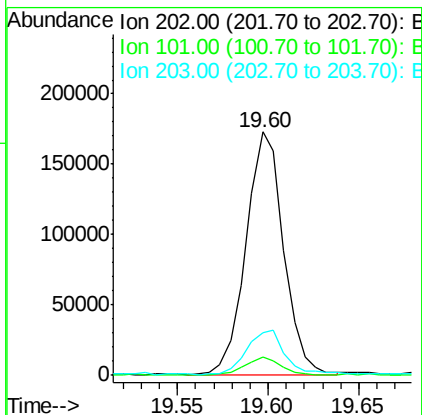
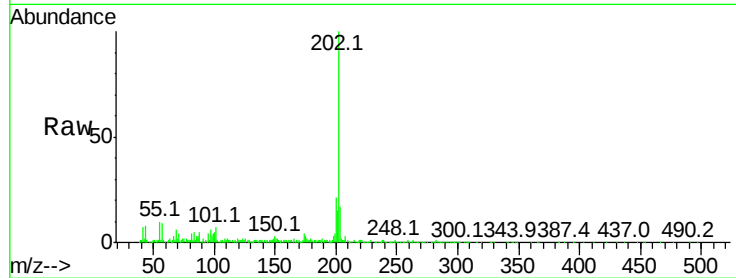
ClientSampleId :

S1-0-3FT-COMPRE

Tot Ion:	202	Resp:	247410
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	30.1
203	17.3	1.3	41.3

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#75

Chrysene-d12

Concen: 20.00 ng

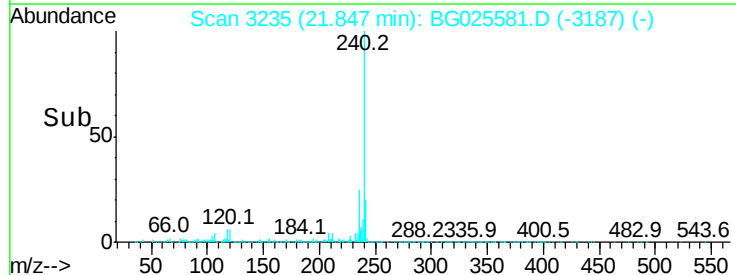
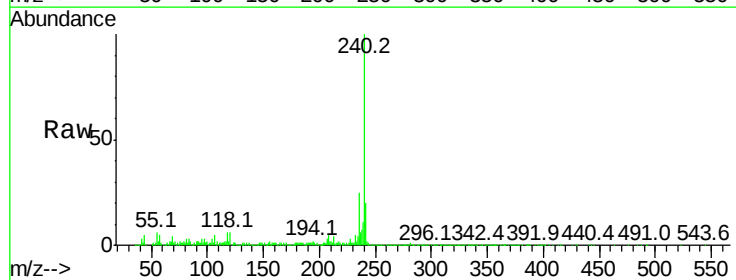
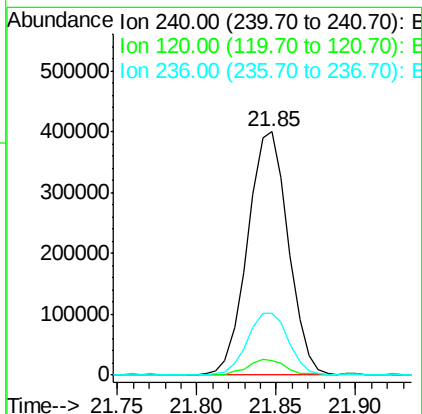
RT: 21.85 min Scan# 3235

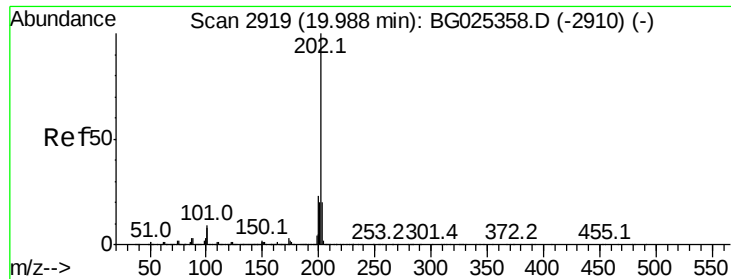
Delta R.T. -0.02 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Tgt Ion:	240	Resp:	713195
Ion Ratio	Lower	Upper	
240	100		
120	6.1	5.7	8.5
236	25.3	22.2	33.4





#77

Pvrene

Concen: 7.07 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.02 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Instrument :

BNA_G

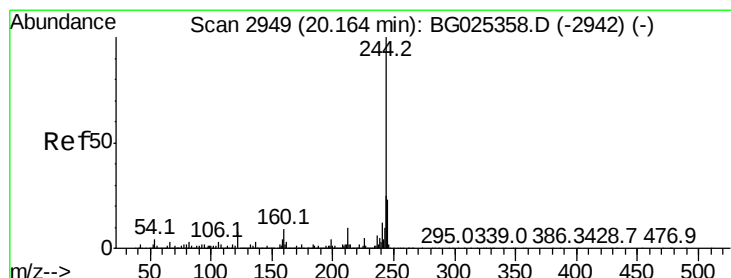
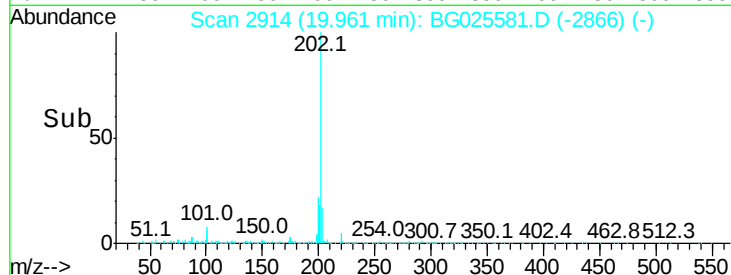
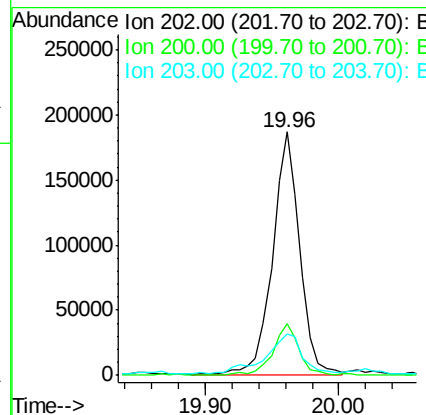
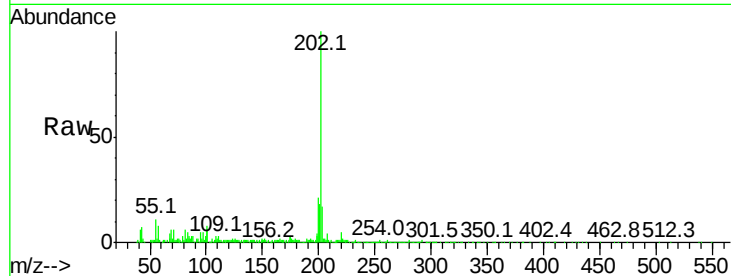
ClientSampleId :

S1-0-3FT-COMPRE

Tot Ion:	202	Resp:	263599
Ion Ratio		Lower	Upper
202	100		
200	21.4	19.6	29.4
203	17.1	15.8	23.8

Manual Integrations
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#78

Terphenyl-d14

Concen: 58.80 ng

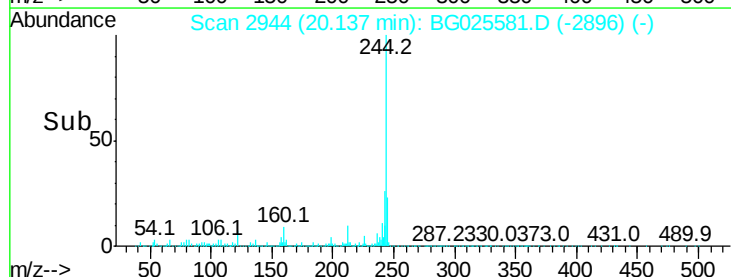
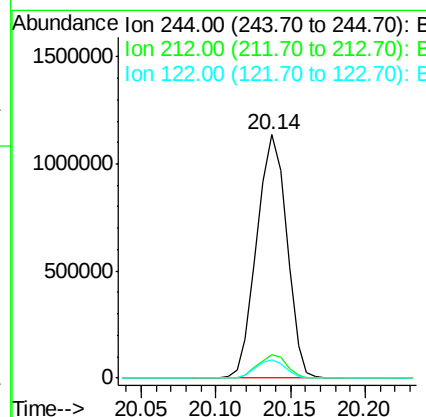
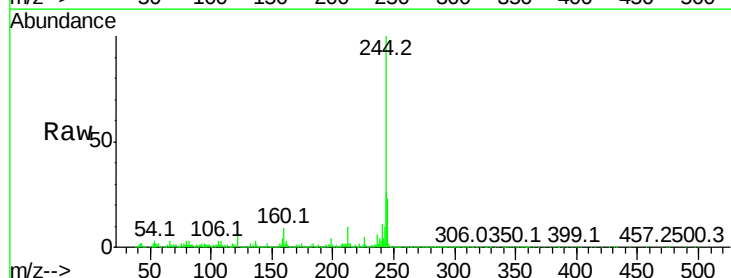
RT: 20.14 min Scan# 2944

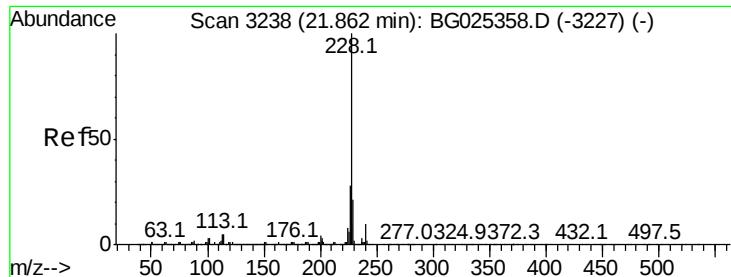
Delta R.T. -0.02 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Tgt Ion:	244	Resp:	1581522
Ion Ratio		Lower	Upper
244	100		
212	9.6	10.0	15.0#
122	7.5	8.6	12.8#





#80

Benzo(a)anthracene

Concen: 3.26 ng m

RT: 21.82 min Scan# 3231

Delta R.T. -0.02 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Instrument :

BNA_G

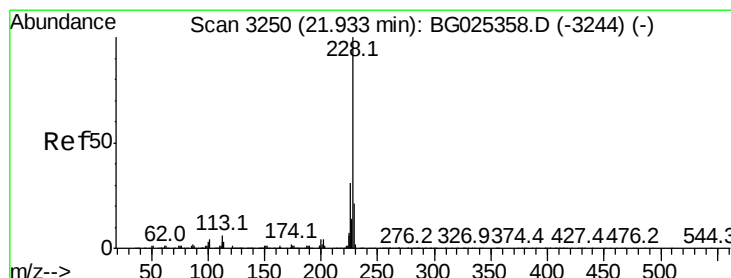
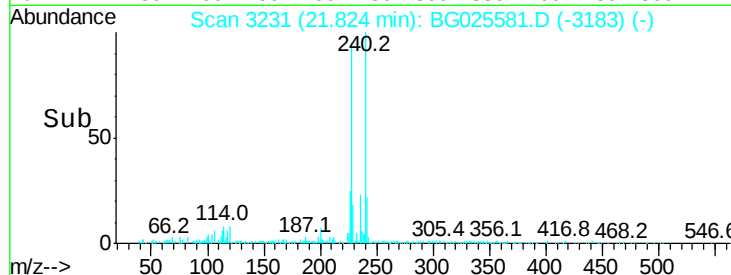
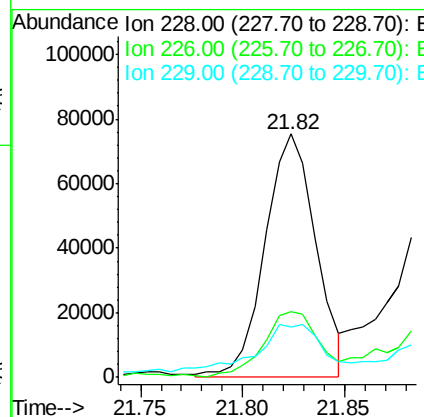
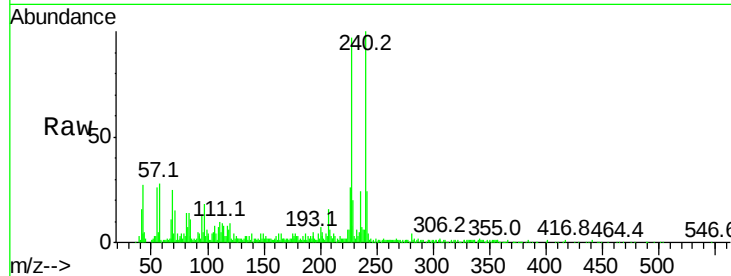
ClientSampleId :

S1-0-3FT-COMPRE

Tot Ion:	228	Resp:	129713
Ion Ratio	Lower	Upper	
228	100		
226	27.1	24.9	37.3
229	20.7	18.2	27.2

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#82

Chrysene

Concen: 3.63 ng m

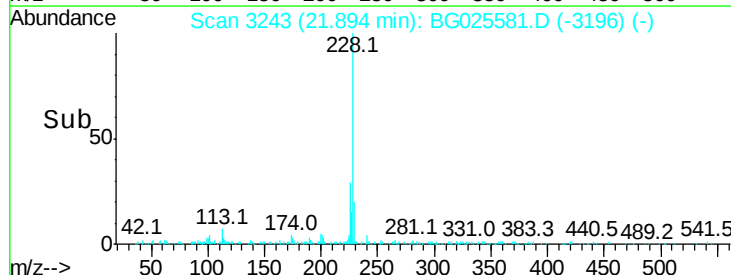
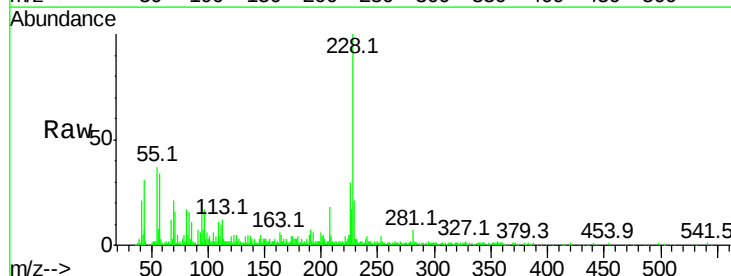
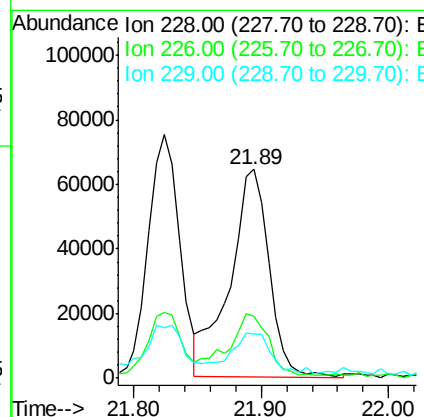
RT: 21.89 min Scan# 3243

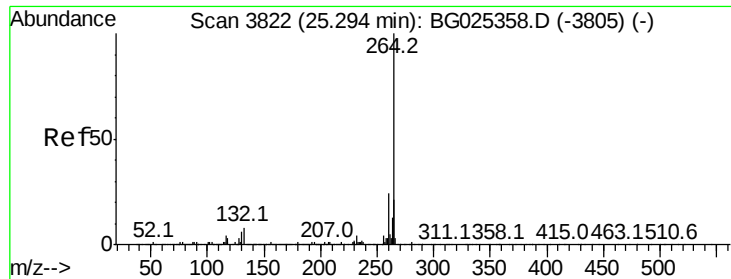
Delta R.T. -0.02 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Tgt Ion:	228	Resp:	138467
Ion Ratio	Lower	Upper	
228	100		
226	29.9	27.0	40.4
229	21.3	17.8	26.6





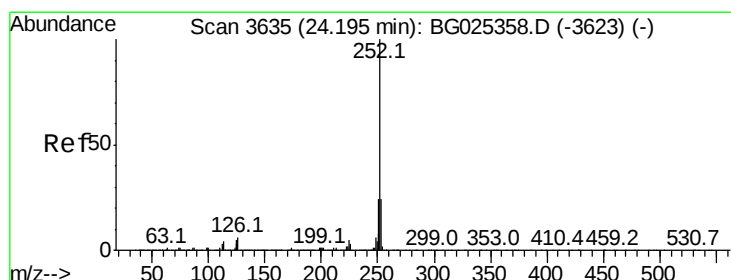
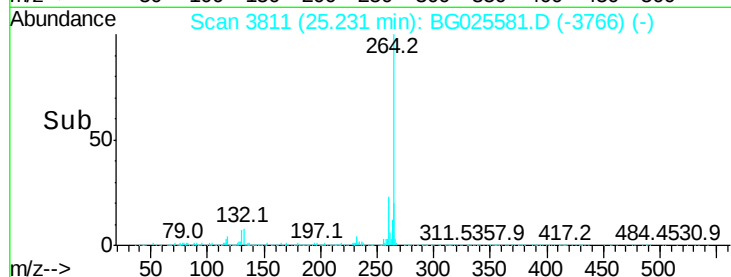
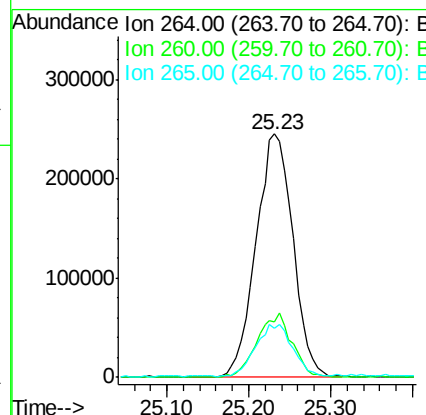
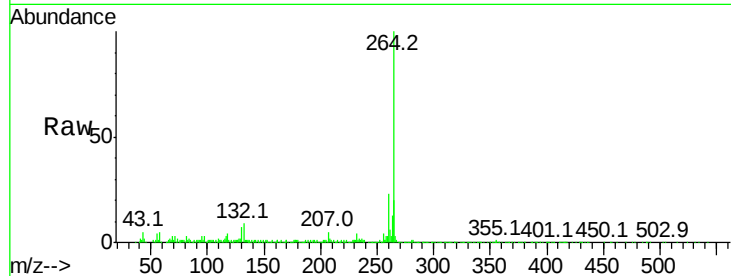
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. -0.03 min
Lab File: BG025581.D
Acq: 21 Jan 2017 20:05

Instrument :
BNA_G
ClientSampleId :
S1-0-3FT-COMPRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	20.2	18.2	27.4

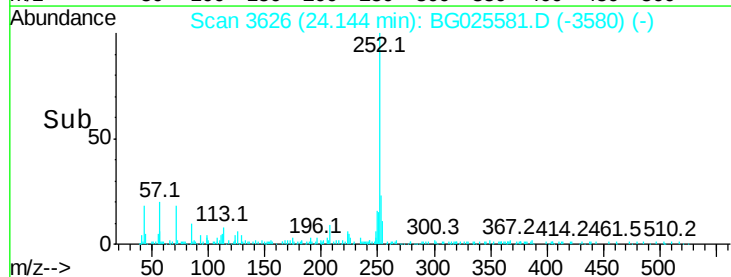
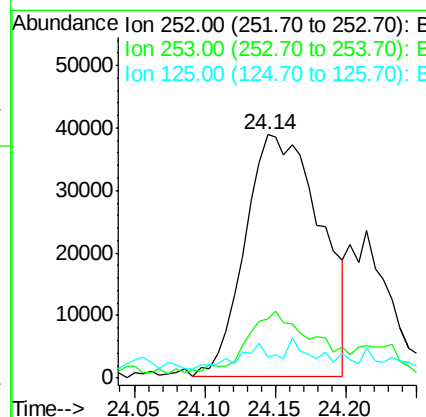
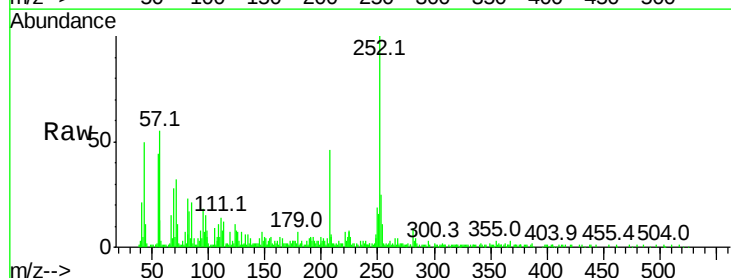
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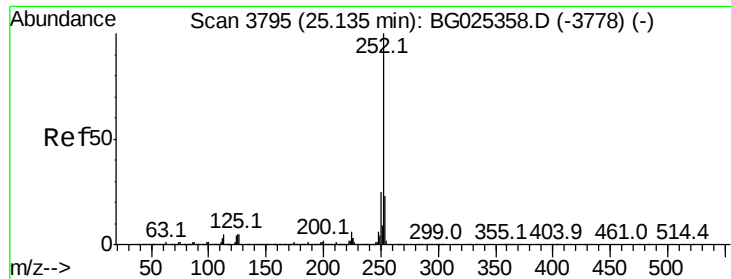
mohammad
1/23/2017 5:00:41 PM



#87
Benzo(b)fluoranthene
Concen: 3.47 ng
RT: 24.14 min Scan# 3626
Delta R.T. -0.03 min
Lab File: BG025581.D
Acq: 21 Jan 2017 20:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	8.5	5.3	7.9





#89

Benzo(a)pyrene

Concen: 2.57 ng

RT: 25.07 min Scan# 3784

Delta R.T. -0.03 min

Lab File: BG025581.D

Acq: 21 Jan 2017 20:05

Instrument :

BNA_G

ClientSampleId :

S1-0-3FT-COMPRE

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.1	19.2	28.8
125	12.6	5.4	8.0

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