

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
 Data File : BG025579.D
 Acq On : 21 Jan 2017 18:45
 Operator : UM/SJ
 Sample : I1329-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S6-0-3FT-COMP

Manual Integrations
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mohammad
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Quant Time: Jan 23 03:06:08 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	78272	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	346229	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	261906	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	569667	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	714558	20.00	ng	-0.02
86) Perylene-d12	25.23	264	738753	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	615996	143.05	ng	-0.02
7) Phenol-d6	7.34	99	882394	145.50	ng	-0.02
23) Nitrobenzene-d5	9.36	82	671867	85.73	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	504057	119.54	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1256853	77.69	ng	-0.02
78) Terphenyl-d14	20.14	244	1997308	74.11	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.36	94	47962	7.13	ng	87
49) Dimethylphthalate	14.25	163	107306	5.62	ng	# 93
70) Phenanthrene	17.60	178	58808	2.00	ng	92
74) Fluoranthene	19.60	202	139142	3.59	ng	96
77) Pyrene	19.96	202	139365	3.73	ng	96
80) Benzo(a)anthracene	21.82	228	93315	2.34	ng	94
82) Chrysene	21.89	228	95825m	2.51	ng	
87) Benzo(b)fluoranthene	24.15	252	112057	2.78	ng	95
89) Benzo(a)pyrene	25.07	252	81715	2.10	ng	96

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

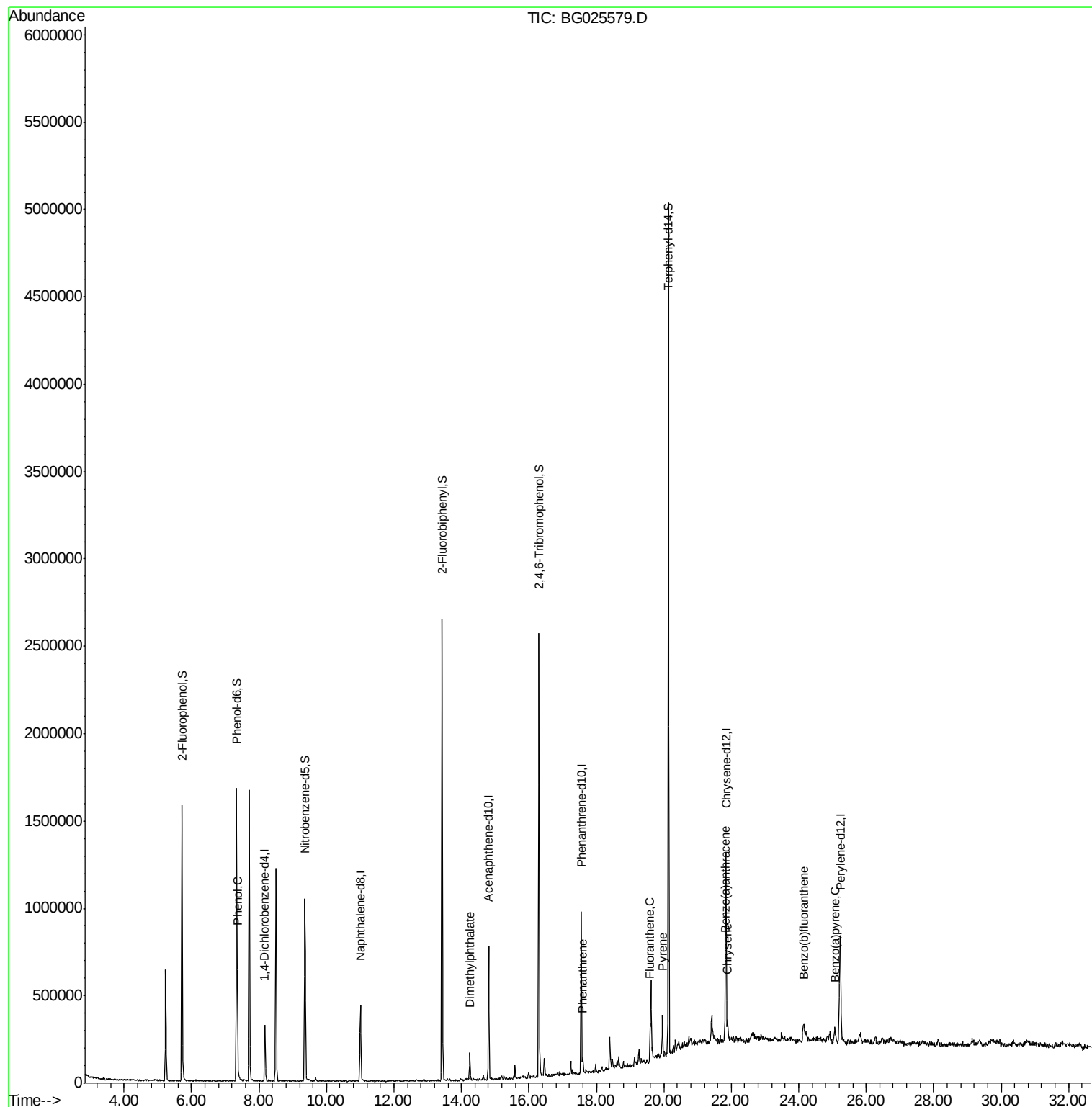
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
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ALS Vial : 43 Sample Multiplier: 1

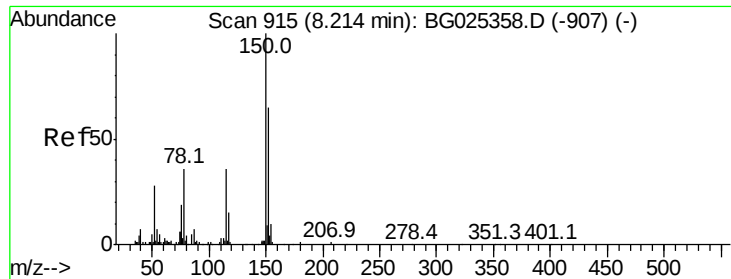
Instrument :
BNA_G
ClientSampleId :
S6-0-3FT-COMP

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#1

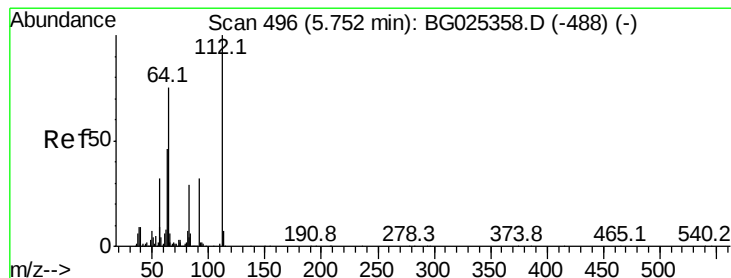
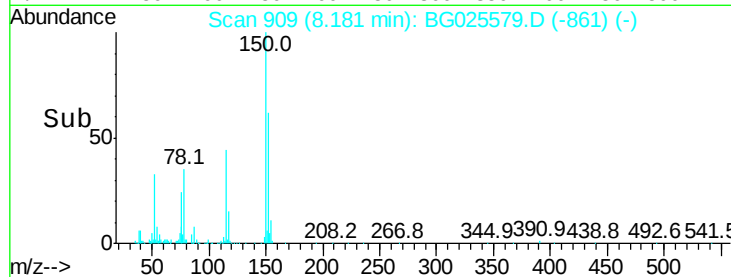
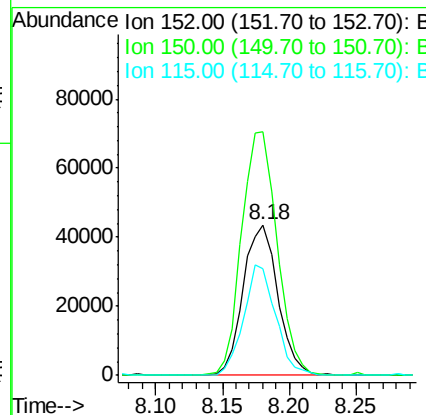
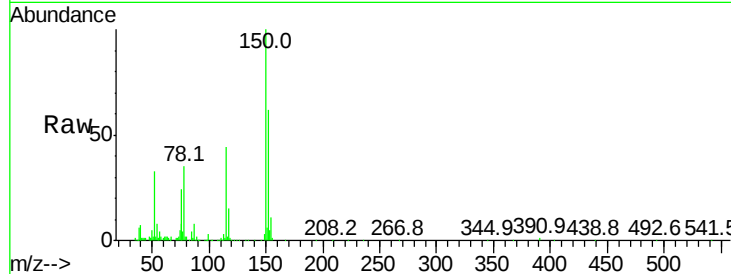
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 909
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Instrument :
BNA_G
ClientSampleId :
S6-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	114.0	171.0
115	70.7	48.1	72.1

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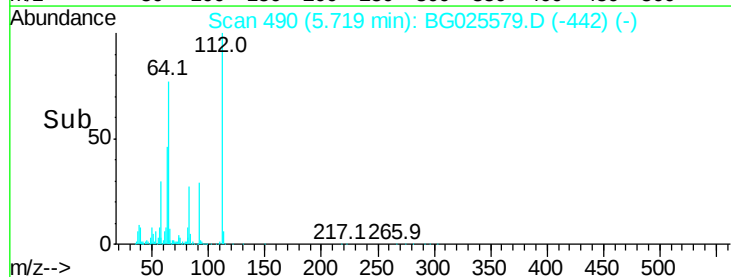
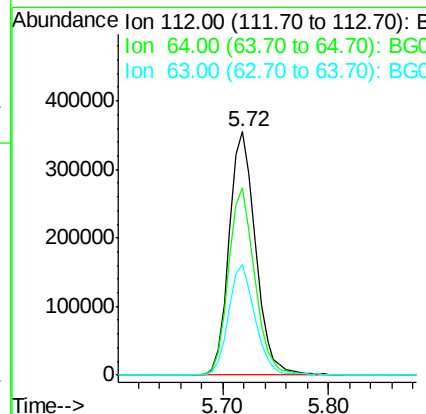
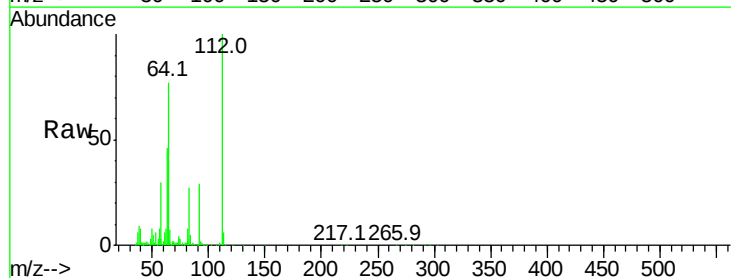
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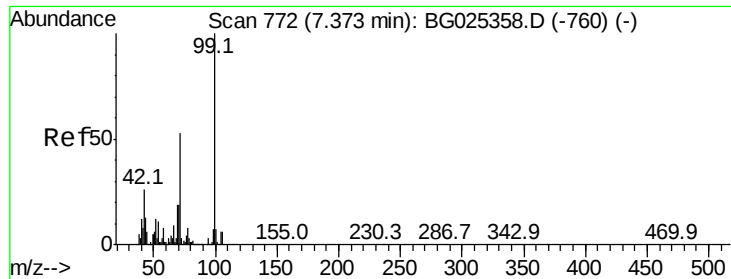


#5

2-Fluorophenol
Concen: 143.05 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.0	61.8	92.6
63	45.5	37.2	55.8





#7

Phenol-d6

Concen: 145.50 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025579.D

Acq: 21 Jan 2017 18:45

Instrument :

BNA_G

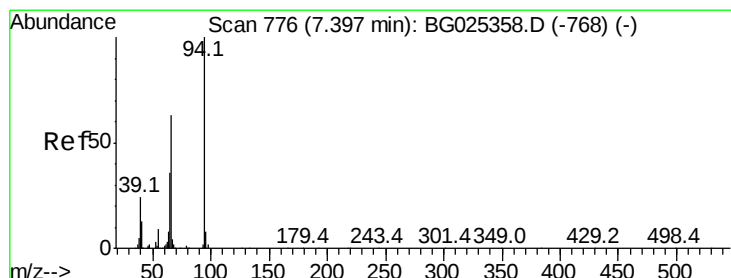
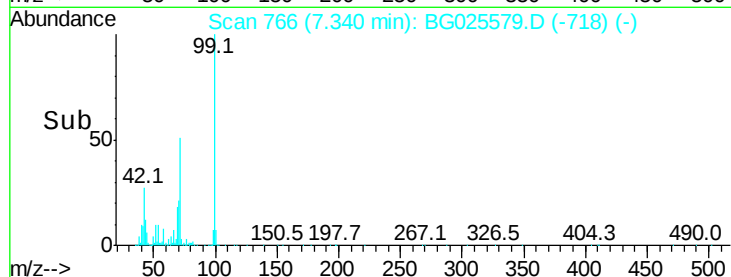
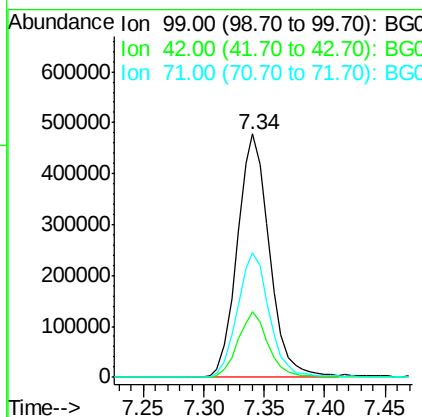
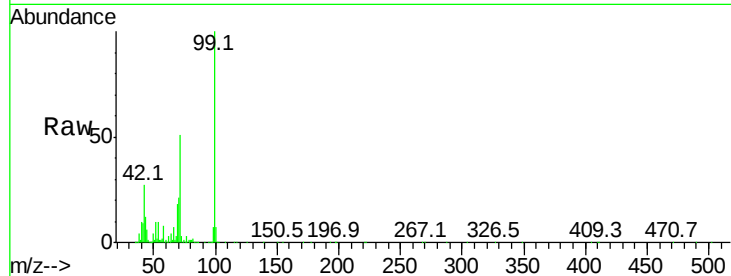
ClientSampleId :

S6-0-3FT-COMP

Tot Ion:	99	Resp:	882394
Ion Ratio	Lower	Upper	
99	100		
42	27.0	20.5	30.7
71	51.0	37.6	56.4

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#10

Phenol

Concen: 7.13 ng

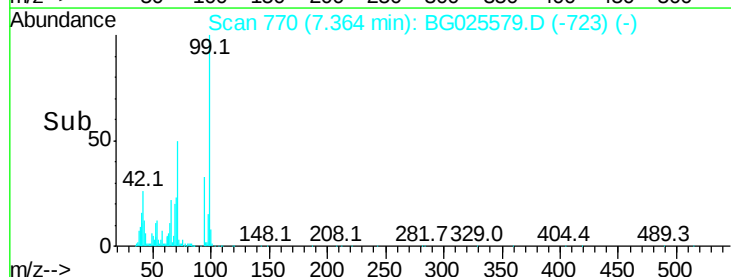
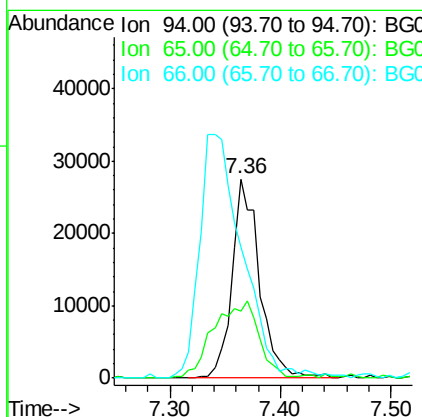
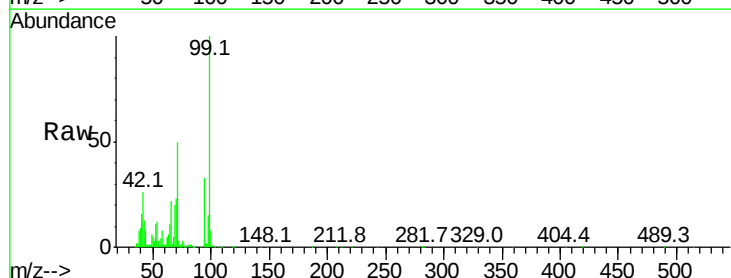
RT: 7.36 min Scan# 770

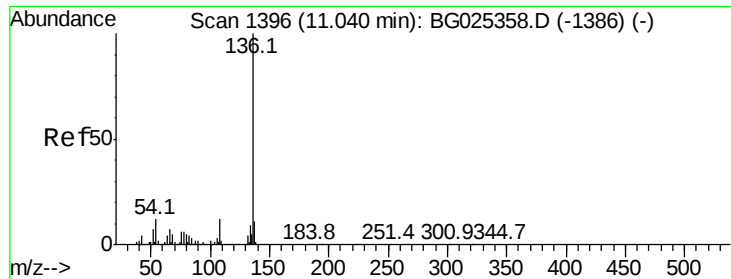
Delta R.T. -0.02 min

Lab File: BG025579.D

Acq: 21 Jan 2017 18:45

Tgt Ion:	94	Resp:	47962
Ion Ratio	Lower	Upper	
94	100		
65	33.6	20.6	60.6
66	65.9	35.5	75.5





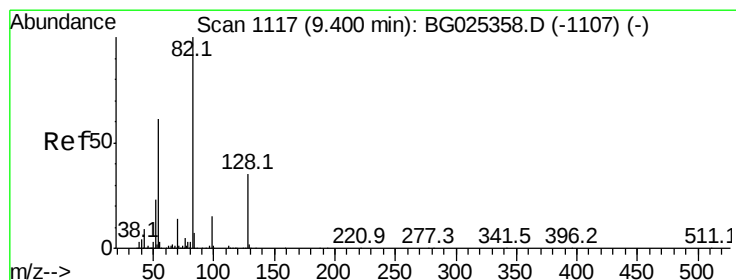
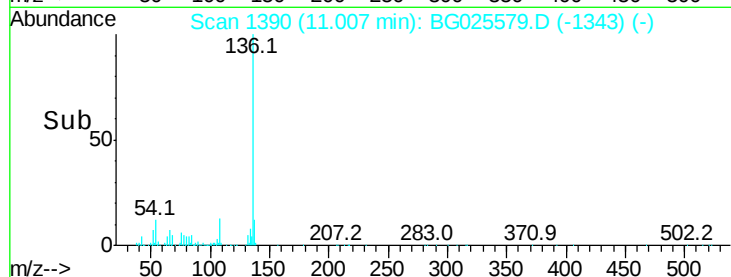
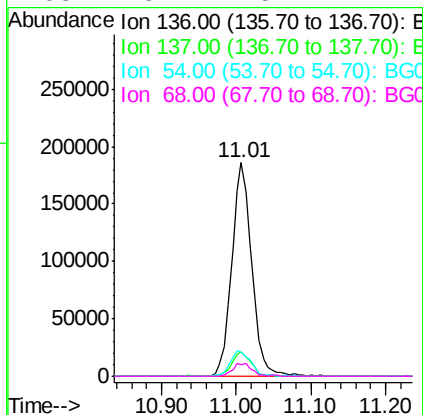
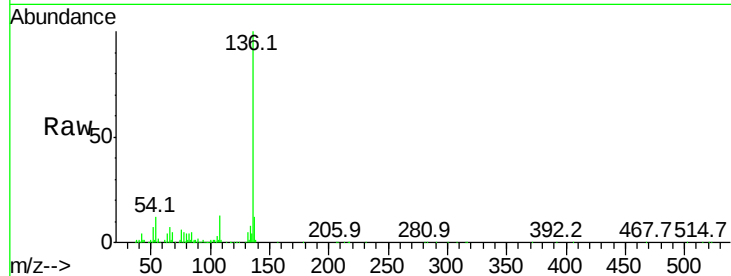
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Instrument :
BNA_G
ClientSampleId :
S6-0-3FT-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.9	13.3	
54	11.7	9.3	13.9	
68	5.2	5.1	7.7	

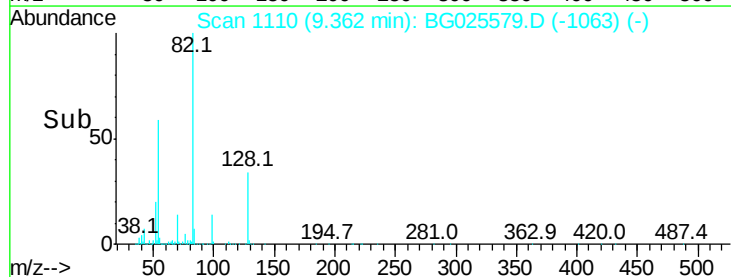
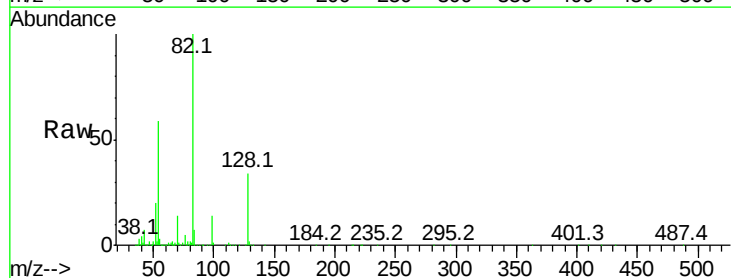
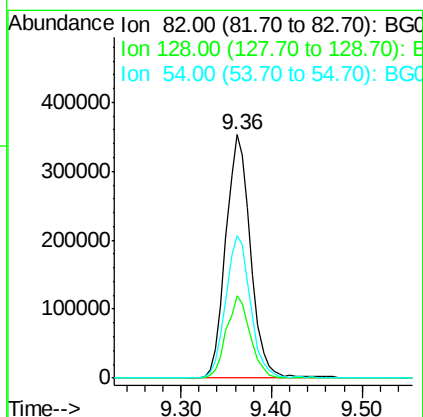
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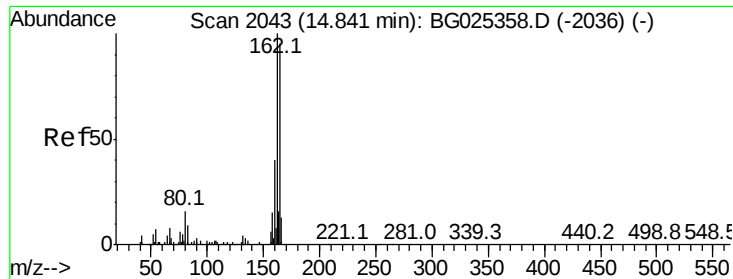
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#23
Nitrobenzene-d5
Concen: 85.73 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.9	26.4	39.6	
54	58.6	49.4	74.2	





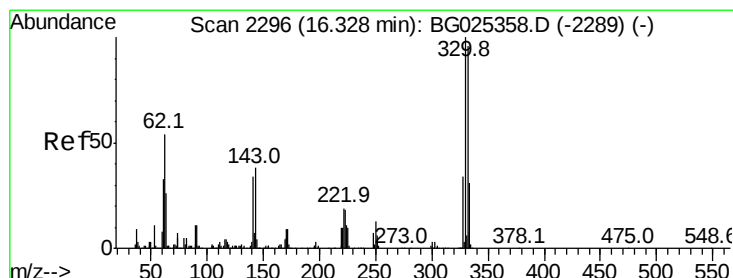
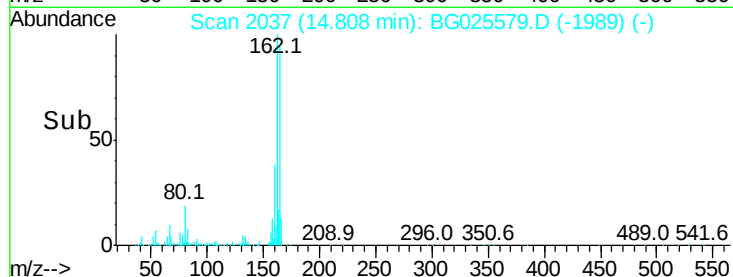
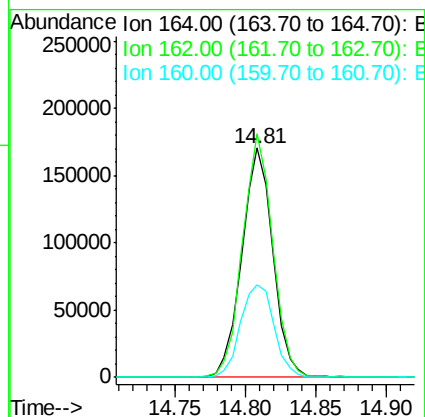
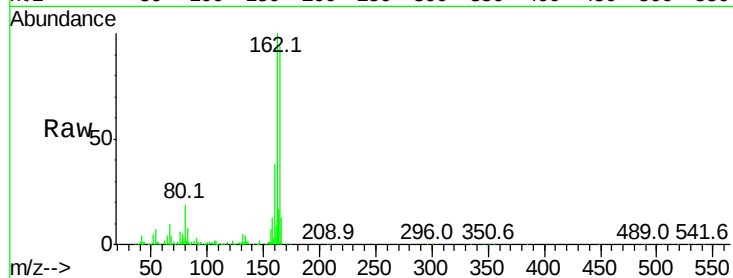
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Instrument :
BNA_G
ClientSampleId :
S6-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.1	127.7
160	40.7	34.7	52.1

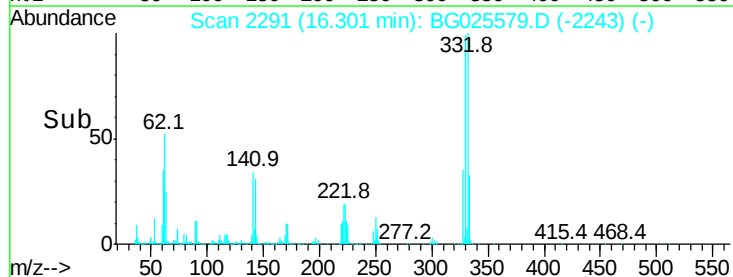
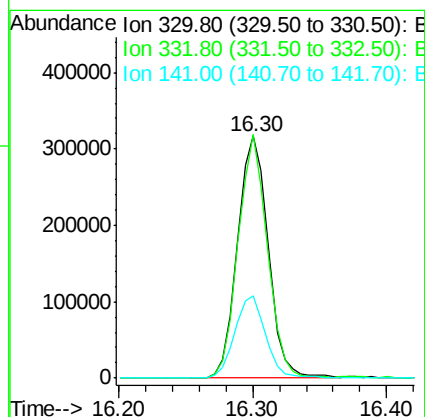
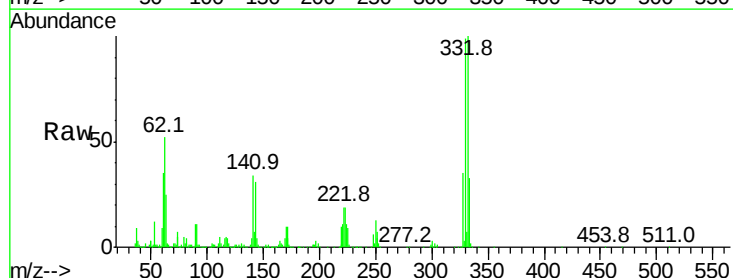
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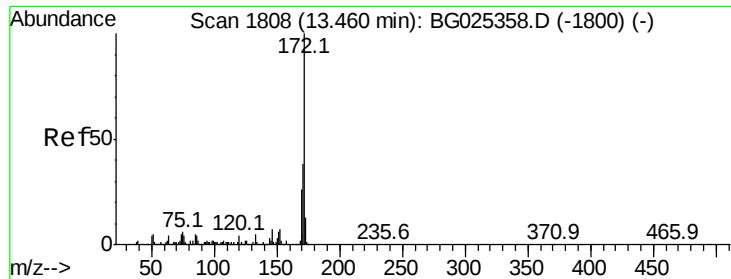
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#41
2,4,6-Tribromophenol
Concen: 119.54 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	34.4	32.1	48.1





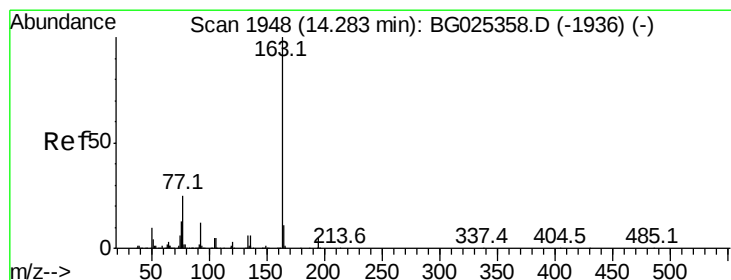
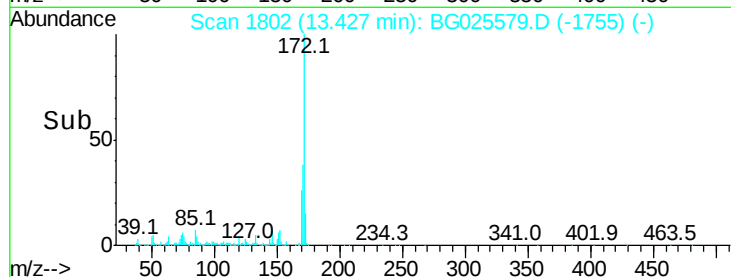
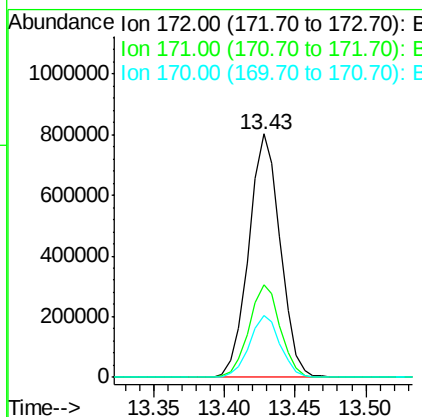
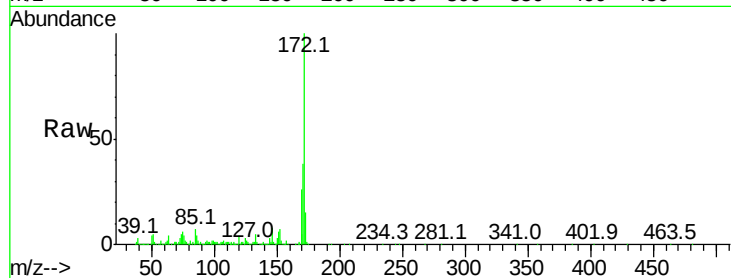
#44
2-Fluorobiphenyl
Concen: 77.69 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Instrument :
BNA_G
ClientSampleId :
S6-0-3FT-COMP

Tot Ion:172 Resp: 1256853
Ion Ratio Lower Upper
172 100
171 38.0 32.2 48.2
170 25.6 21.8 32.6

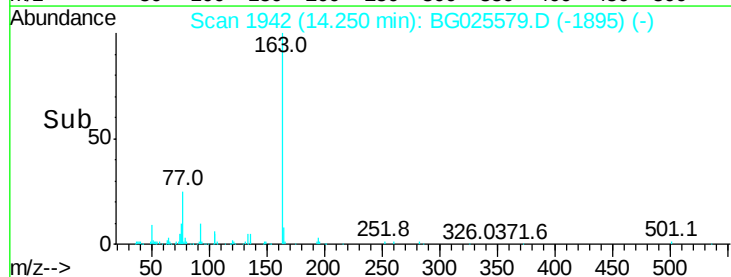
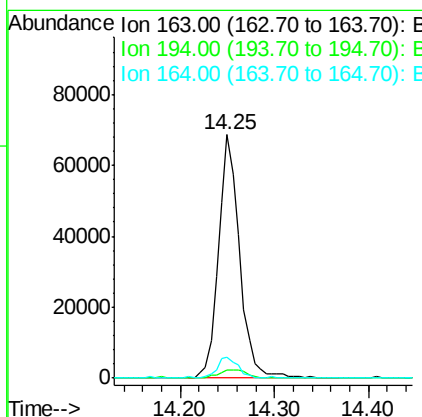
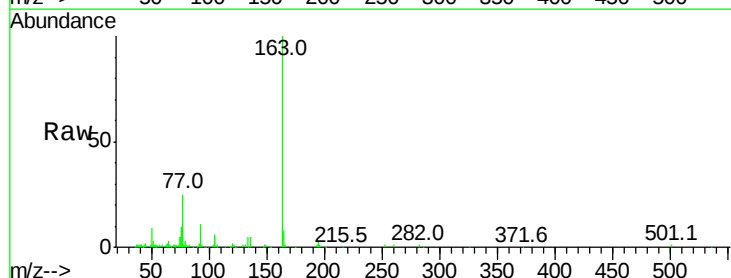
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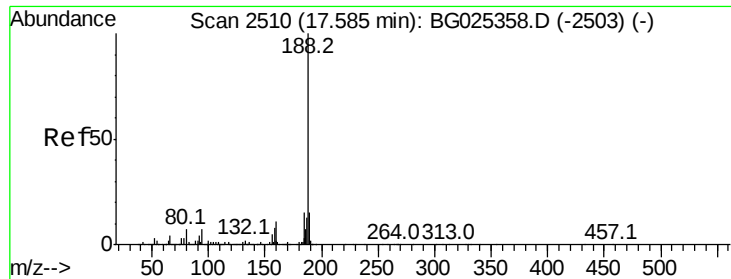
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#49
Dimethylphthalate
Concen: 5.62 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Tgt Ion:163 Resp: 107306
Ion Ratio Lower Upper
163 100
194 3.5 3.8 5.6#
164 8.3 9.3 13.9#





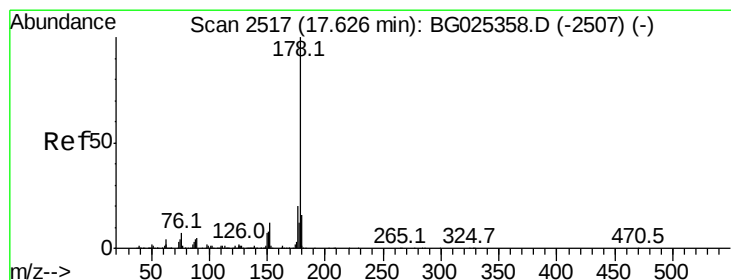
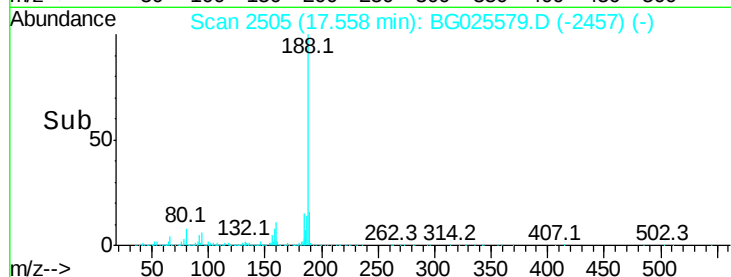
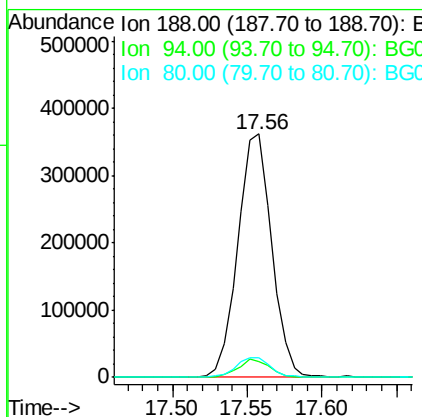
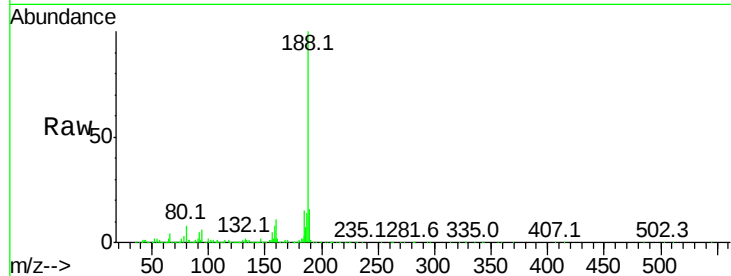
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Instrument :
BNA_G
ClientSampleId :
S6-0-3FT-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.2	5.8	8.8
80	8.2	7.5	11.3

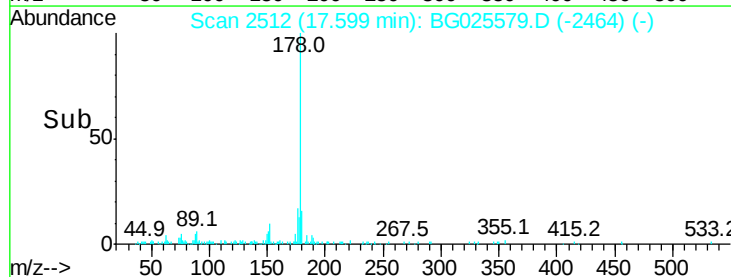
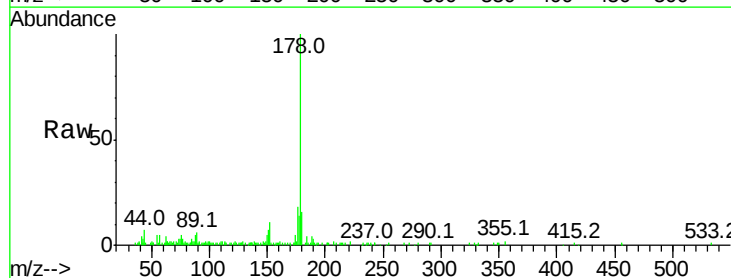
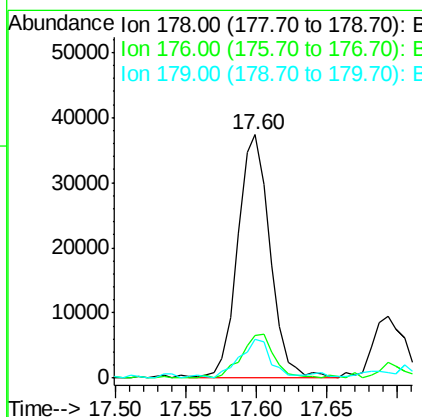
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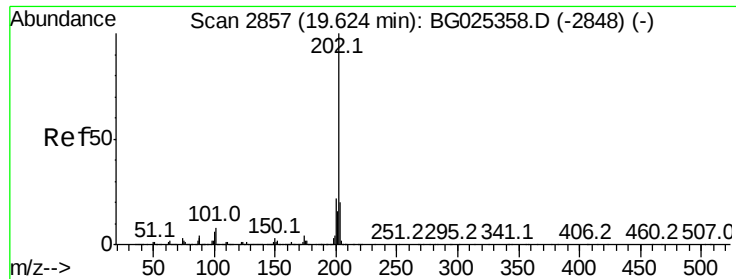
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#70
Phenanthrene
Concen: 2.00 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	17.8	17.7	26.5
179	15.7	15.0	22.6





#74

Fluoranthene

Concen: 3.59 ng

RT: 19.60 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG025579.D

Acq: 21 Jan 2017 18:45

Instrument :

BNA_G

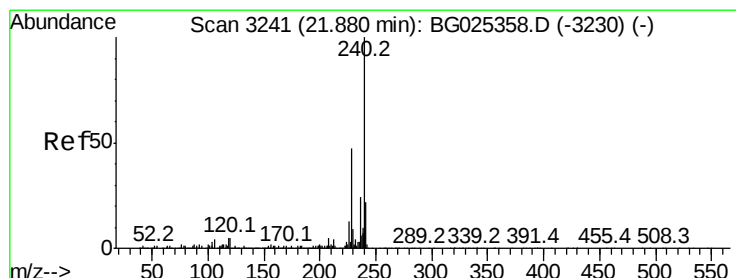
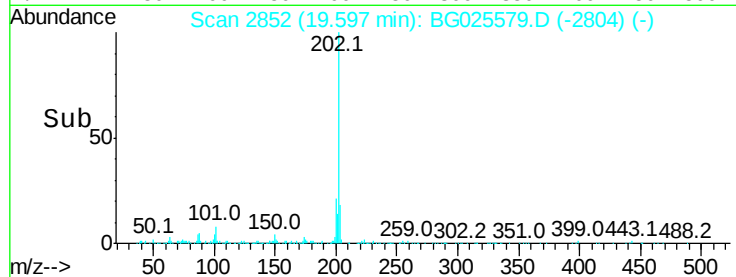
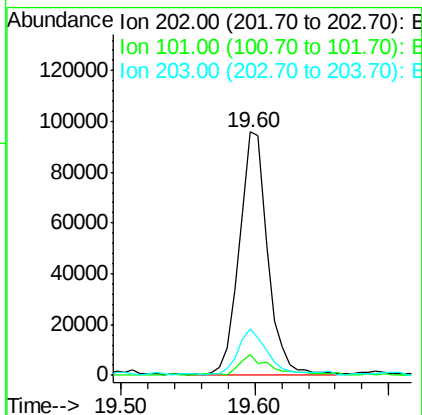
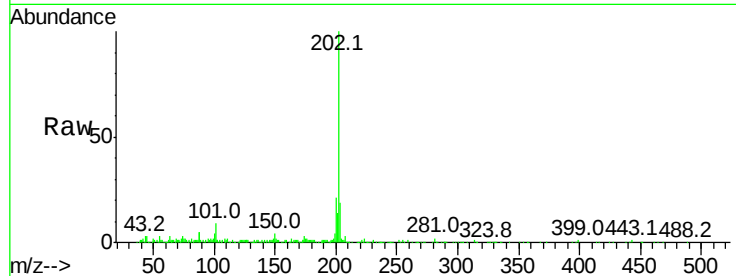
ClientSampleId :

S6-0-3FT-COMP

Tot Ion:	202	Resp:	139142
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	30.1
203	19.3	1.3	41.3

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

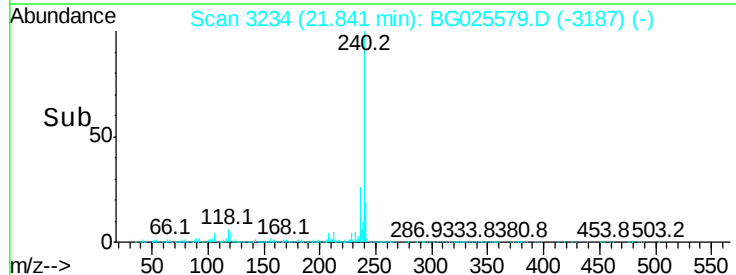
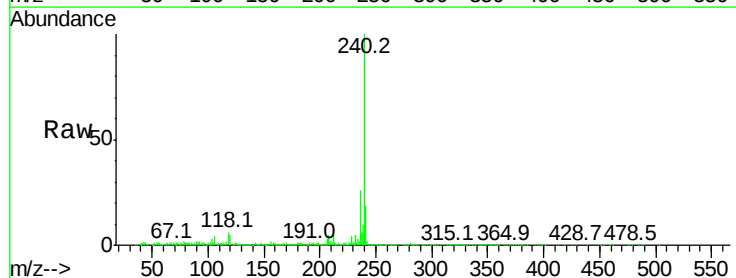
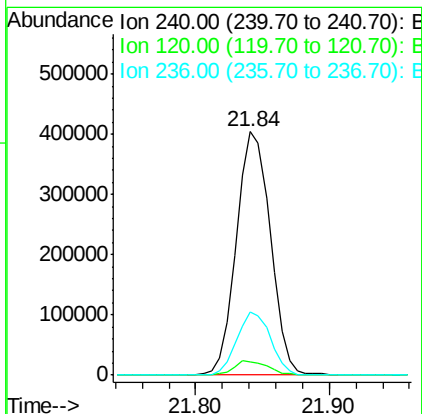
RT: 21.84 min Scan# 3234

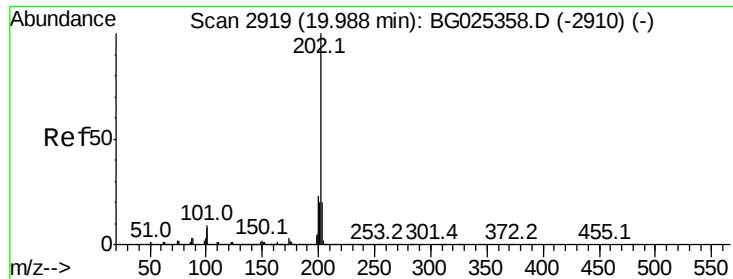
Delta R.T. -0.02 min

Lab File: BG025579.D

Acq: 21 Jan 2017 18:45

Tgt Ion:	240	Resp:	714558
Ion Ratio	Lower	Upper	
240	100		
120	5.4	5.7	8.5#
236	25.8	22.2	33.4





#77

Pvrene

Concen: 3.73 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.02 min

Lab File: BG025579.D

Acq: 21 Jan 2017 18:45

Instrument :

BNA_G

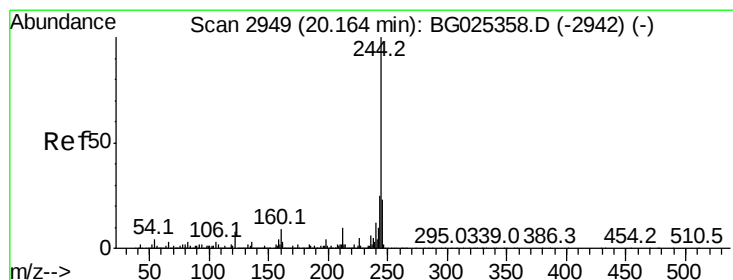
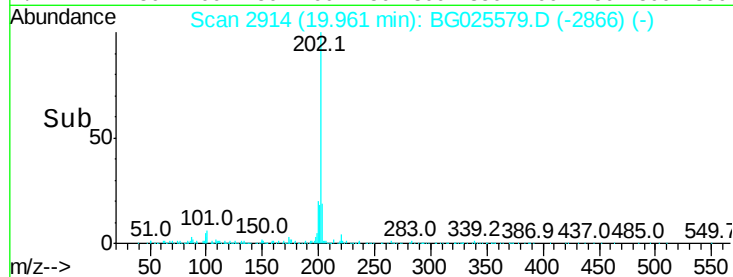
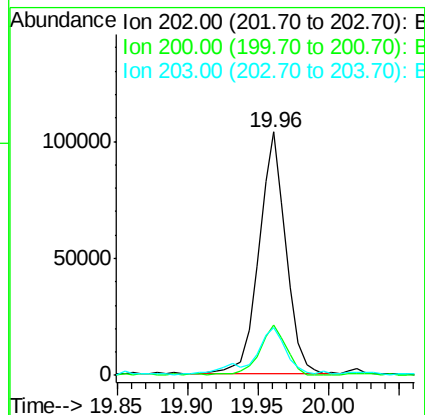
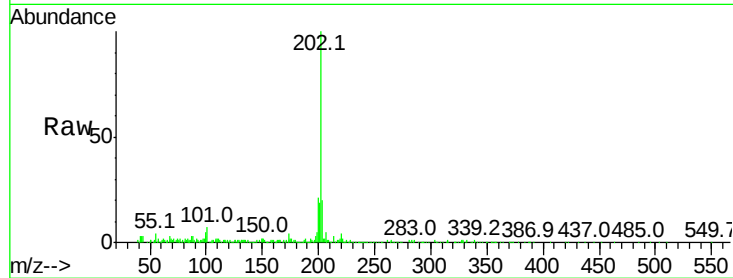
ClientSampleId :

S6-0-3FT-COMP

Tot Ion:	202	Resp:	139365
Ion Ratio		Lower	Upper
202	100		
200	20.7	19.6	29.4
203	19.6	15.8	23.8

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#78

Terphenyl-d14

Concen: 74.11 ng

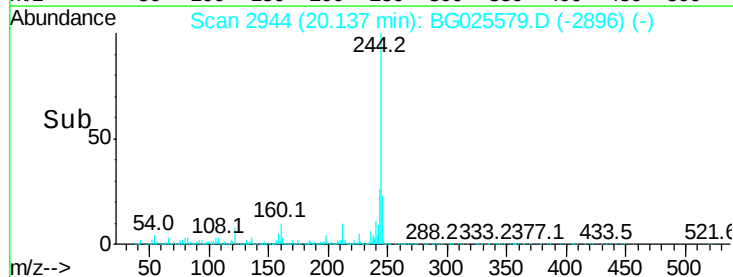
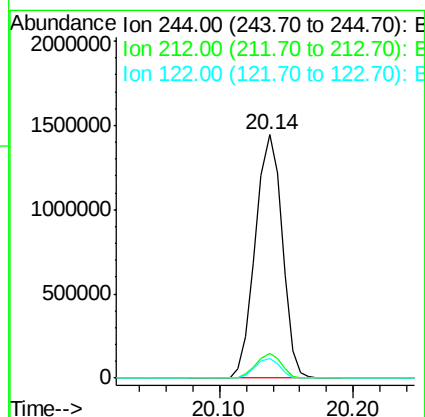
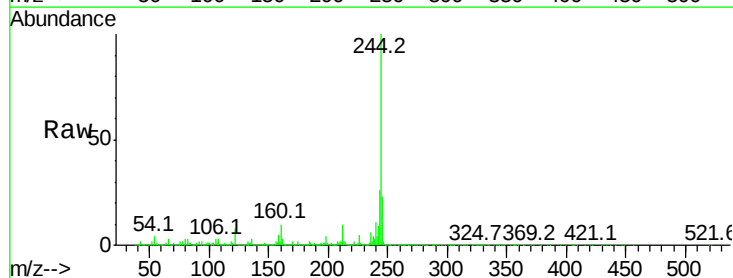
RT: 20.14 min Scan# 2944

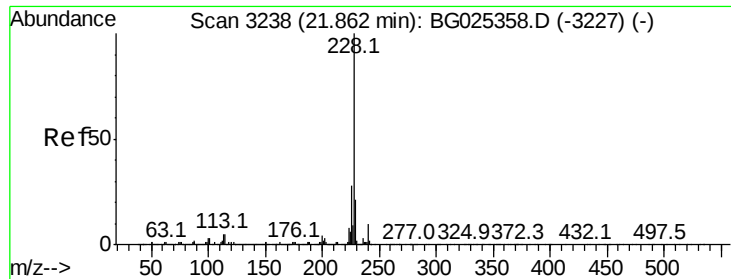
Delta R.T. -0.02 min

Lab File: BG025579.D

Acq: 21 Jan 2017 18:45

Tgt Ion:	244	Resp:	1997308
Ion Ratio		Lower	Upper
244	100		
212	10.1	10.0	15.0
122	8.1	8.6	12.8





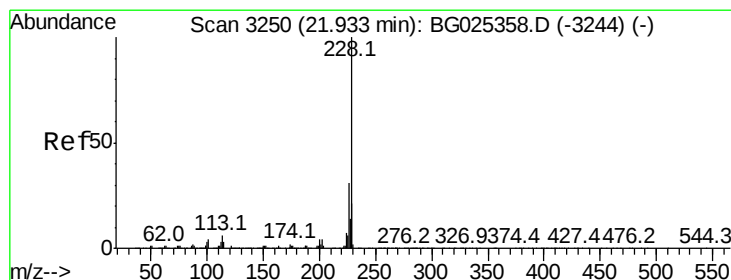
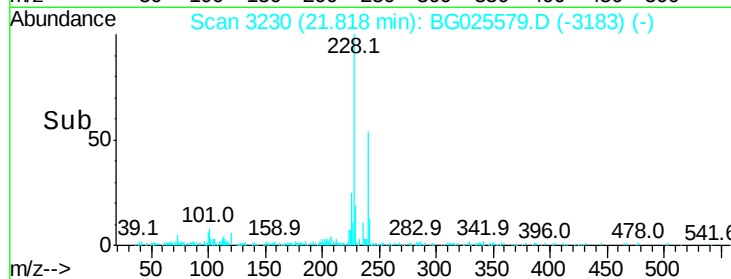
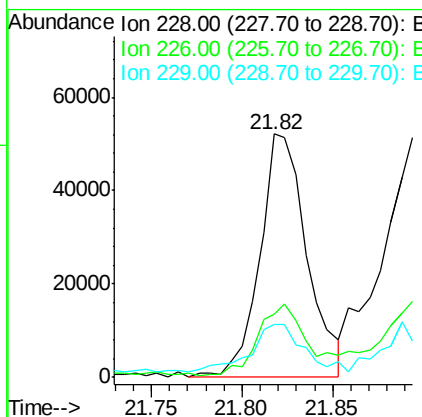
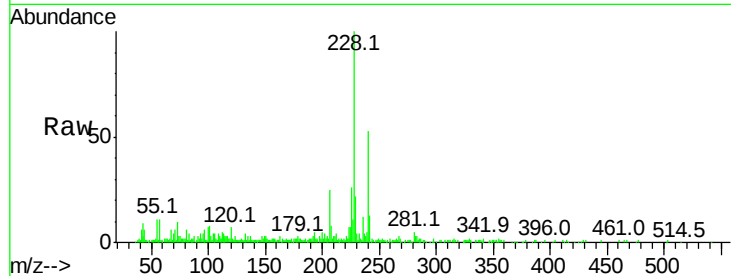
#80
Benzo(a)anthracene
Concen: 2.34 ng
RT: 21.82 min Scan# 3230
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Instrument :
BNA_G
ClientSampleId :
S6-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.0	24.9	37.3
229	21.6	18.2	27.2

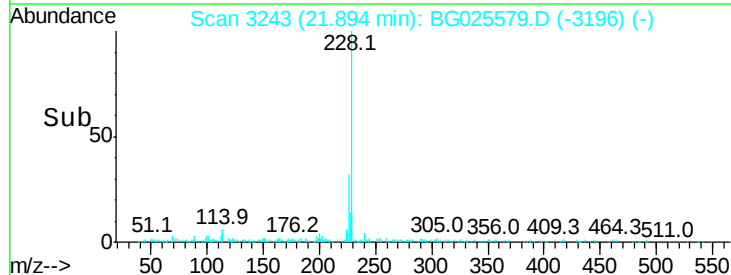
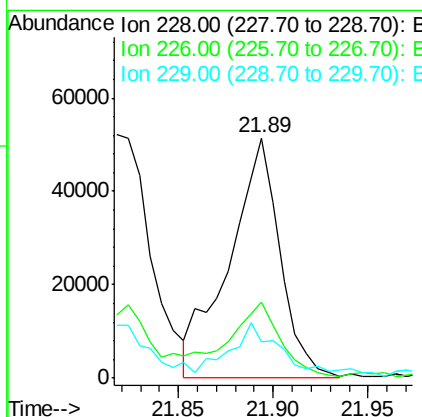
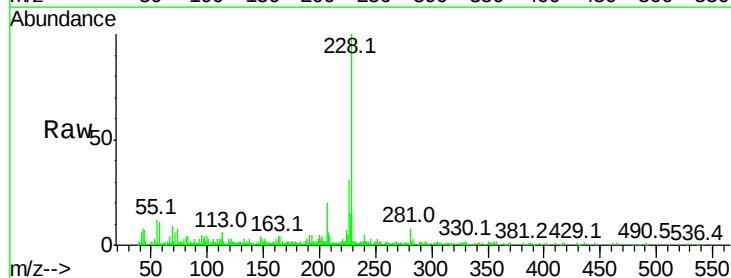
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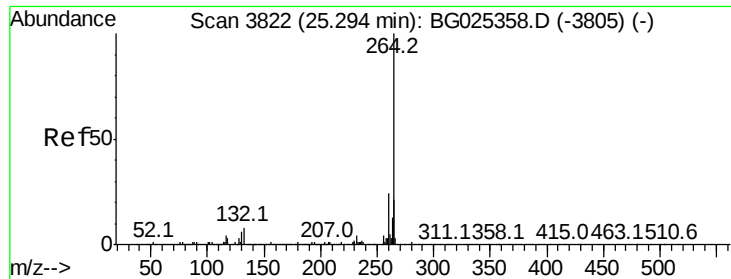
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#82
Chrysene
Concen: 2.51 ng m
RT: 21.89 min Scan# 3243
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	27.0	40.4
229	15.1	17.8	26.6





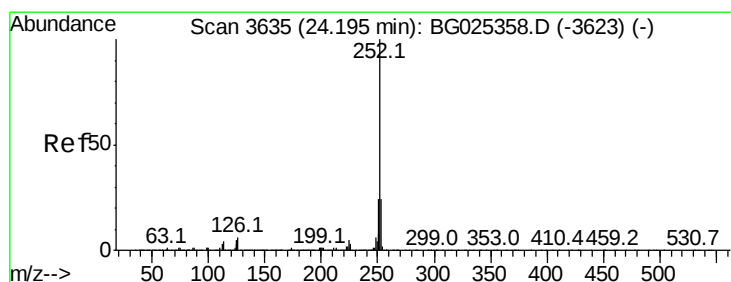
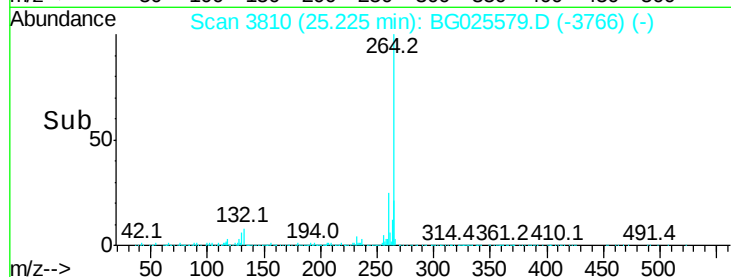
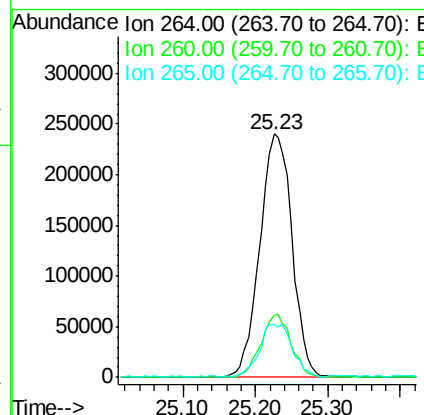
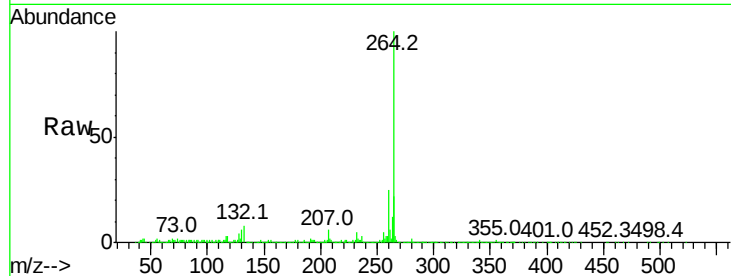
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3810
Delta R.T. -0.04 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Instrument :
BNA_G
ClientSampleId :
S6-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.8	32.8
265	21.5	18.2	27.4

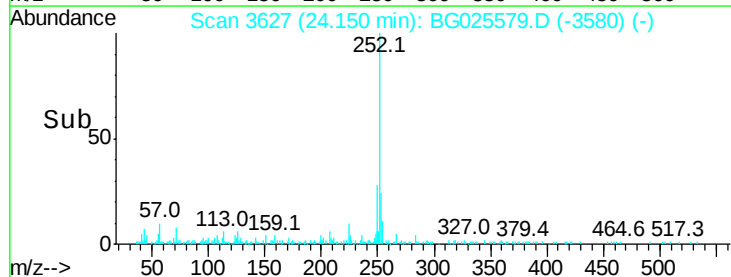
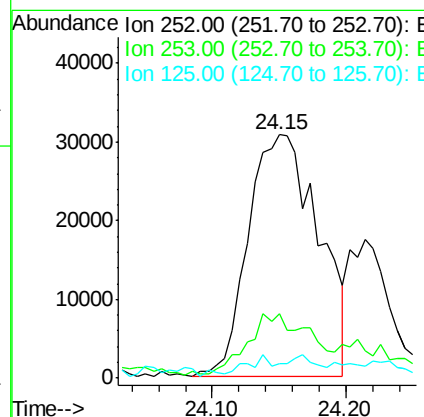
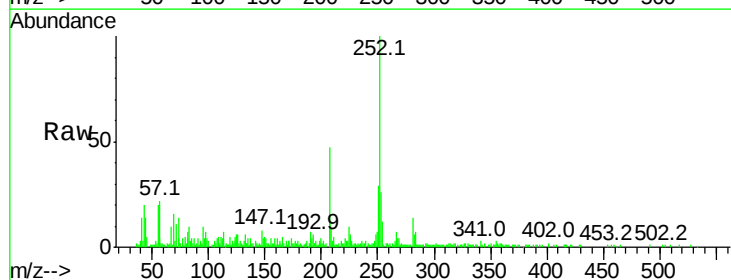
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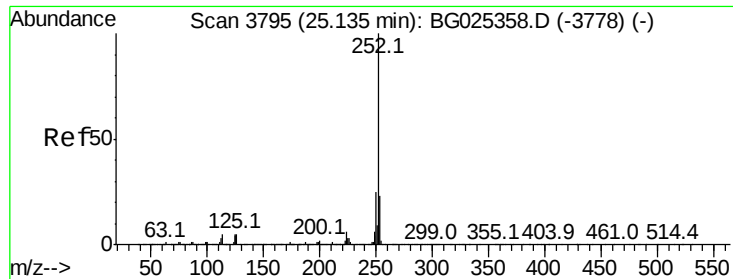
mohammad
1/23/2017 5:00:38 PM



#87
Benzo(b)fluoranthene
Concen: 2.78 ng
RT: 24.15 min Scan# 3627
Delta R.T. -0.02 min
Lab File: BG025579.D
Acq: 21 Jan 2017 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.7	28.1
125	6.2	5.3	7.9





#89

Benzo(a)pyrene

Concen: 2.10 ng

RT: 25.07 min Scan# 3784

Delta R.T. -0.03 min

Lab File: BG025579.D

Acq: 21 Jan 2017 18:45

Instrument :

BNA_G

ClientSampleId :

S6-0-3FT-COMP

Tot Ion:	252	Resp:	81715
Ion Ratio	Lower	Upper	
252	100		
253	21.5	19.2	28.8
125	6.4	5.4	8.0

Manual Integrations
APPROVED

mohammad
1/23/2017 5:00:38 PM

