

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016537.D
 Acq On : 19 Apr 2015 00:52
 Operator : TP/IZ
 Sample : G1880-04
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S2-2-24

Manual Integrations
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Quant Time: Apr 20 04:45:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 03:57:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	76749	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	331664	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	183725	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	373019	20.00	ng	0.00
75) Chrysene-d12	21.23	240	321625	20.00	ng	0.00
86) Perylene-d12	23.45	264	311349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	608297	125.09	ng	0.00
7) Phenol-d6	6.85	99	844255	115.65	ng	0.00
23) Nitrobenzene-d5	8.82	82	449396	78.49	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	145428	117.04	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	900846	83.48	ng	0.00
78) Terphenyl-d14	19.68	244	965345	70.25	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.76	163	37785	2.81	ng	98
57) Fluorene	15.35	166	28068	2.01	ng	95
70) Phenanthrene	17.08	178	601677	28.68	ng	99
71) Anthracene	17.17	178	130595	6.28	ng	98
74) Fluoranthene	19.11	202	947224	43.80	ng	97
77) Pyrene	19.47	202	845460	37.75	ng	100
80) Benzo(a)anthracene	21.21	228	408669	21.50	ng	100
82) Chrysene	21.26	228	367795	20.04	ng	98
85) Indeno(1,2,3-cd)pyrene	25.72	276	195743	10.27	ng	# 89
87) Benzo(b)fluoranthene	22.78	252	437635m	24.00	ng	
88) Benzo(k)fluoranthene	22.82	252	139529m	7.82	ng	
89) Benzo(a)pyrene	23.35	252	315227	18.44	ng	98
90) Dibenzo(a,h)anthracene	25.72	278	50598	3.04	ng	# 63
91) Benzo(g,h,i)perylene	26.41	276	189775	11.42	ng	99

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

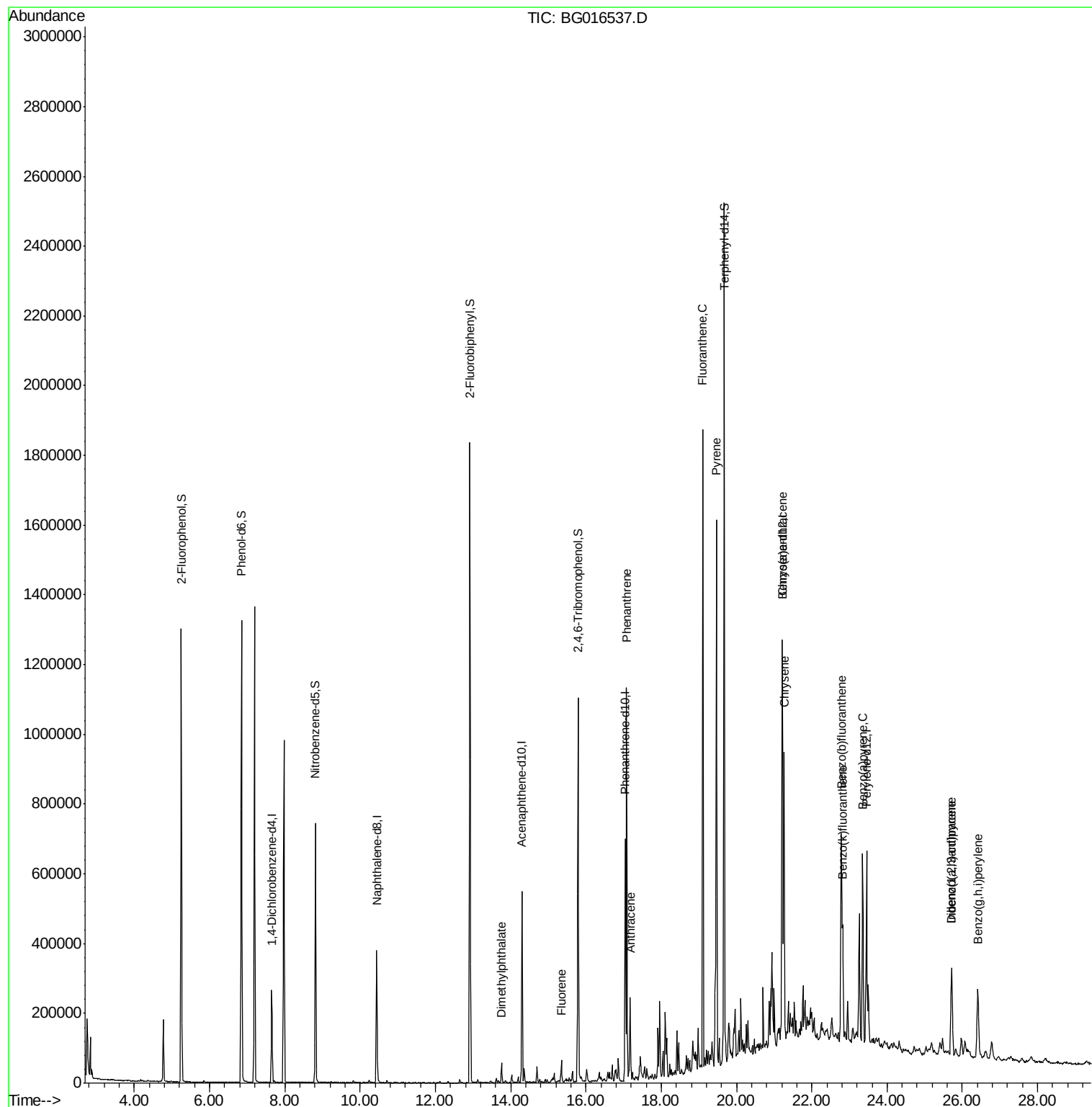
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016537.D
Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

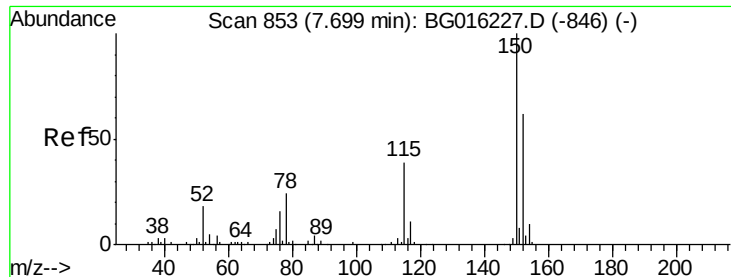
Instrument :
BNA_G
ClientSampleId :
S2-2-24

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Quant Time: Apr 20 04:45:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

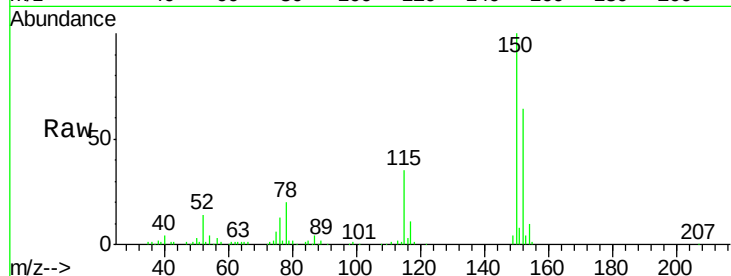
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG016537.D
Acq: 19 Apr 2015 00:52

Instrument :
BNA_G
ClientSampleId :
S2-2-24

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	130.1	195.1
115	53.9	50.5	75.7

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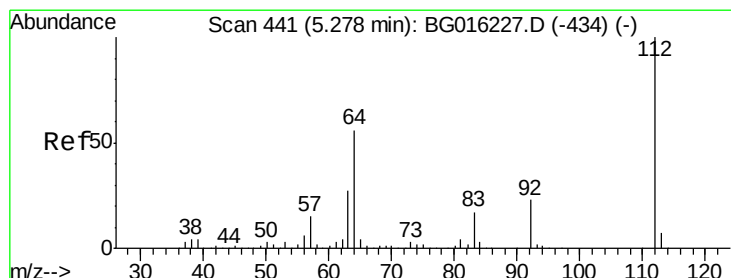
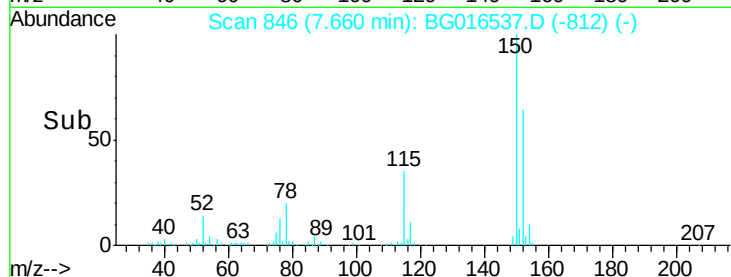
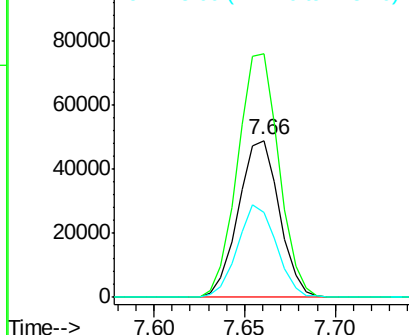


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

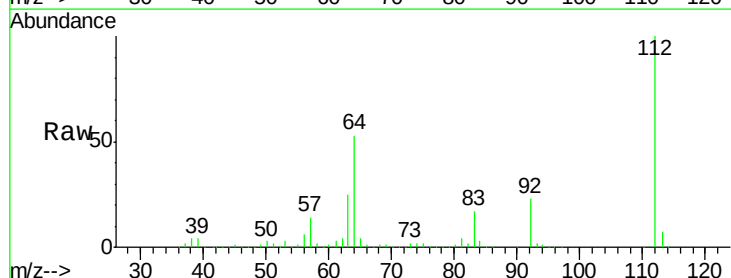
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.09 ng
RT: 5.25 min Scan# 436
Delta R.T. 0.00 min
Lab File: BG016537.D
Acq: 19 Apr 2015 00:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	44.5	66.7
63	25.2	21.4	32.0

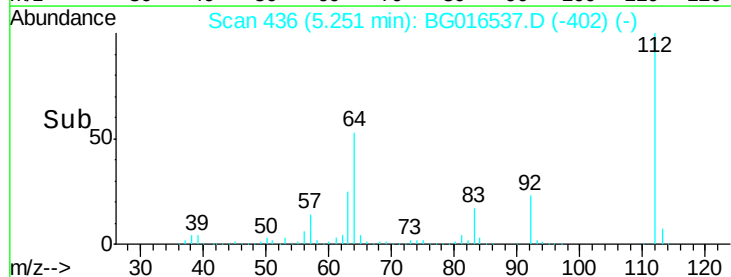
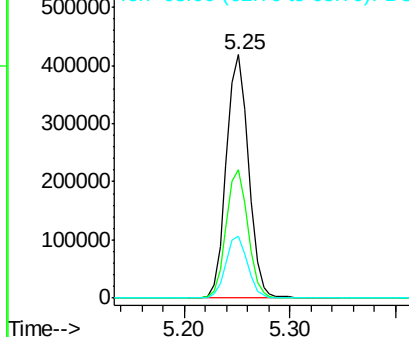


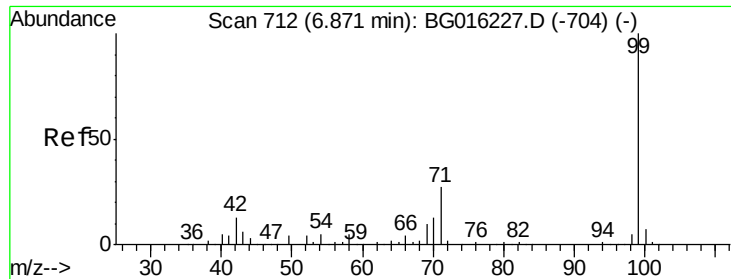
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.65 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG016537.D

Acq: 19 Apr 2015 00:52

Instrument :

BNA_G

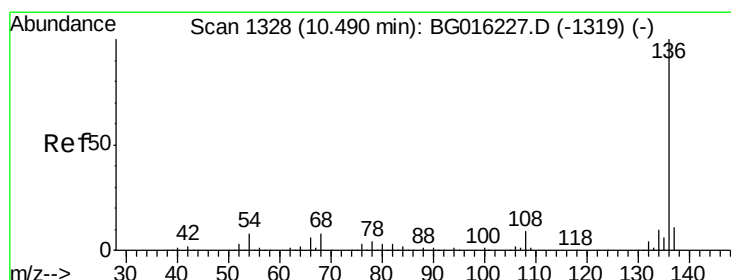
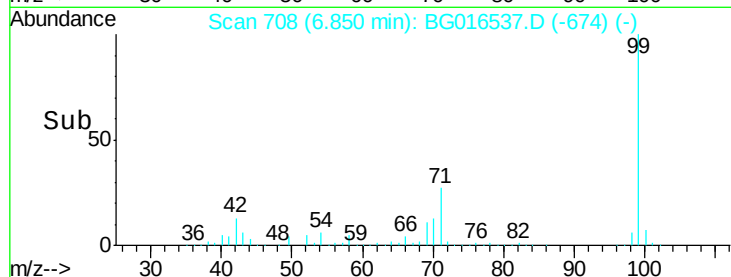
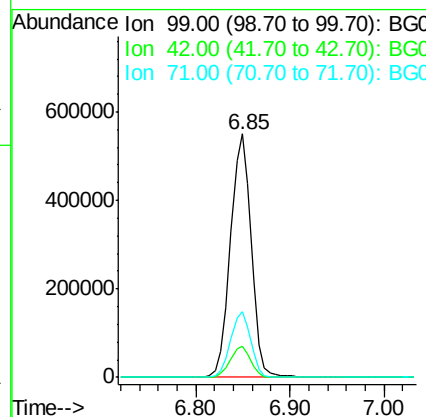
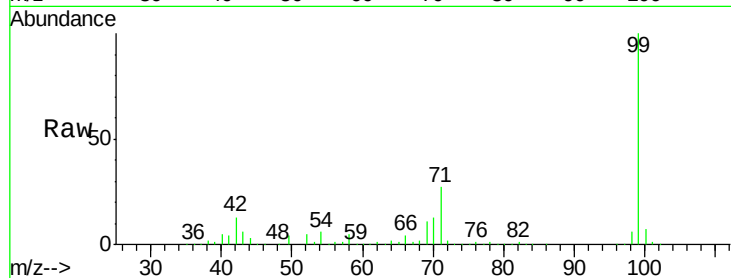
ClientSampleId :

S2-2-24

Tgt Ion:	99	Resp:	844255
Ion Ratio	Lower	Upper	
99	100		
42	12.6	10.0	15.0
71	27.2	21.5	32.3

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#21

Naphthalene-d8

Concen: 20.00 ng

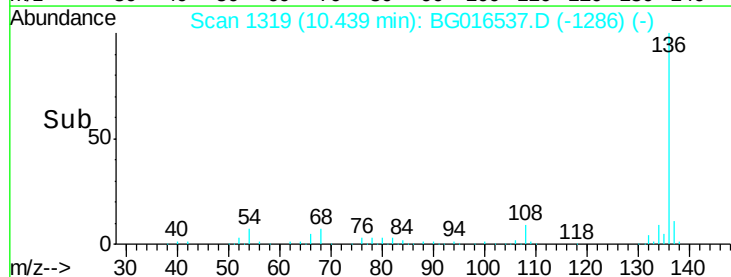
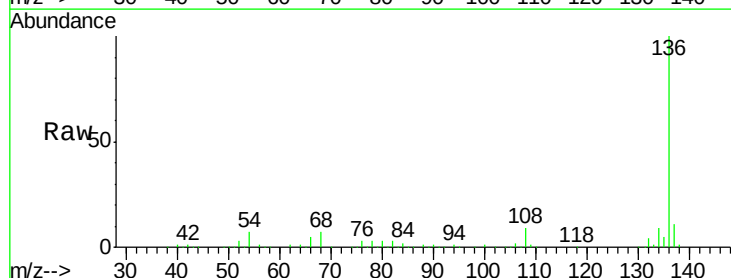
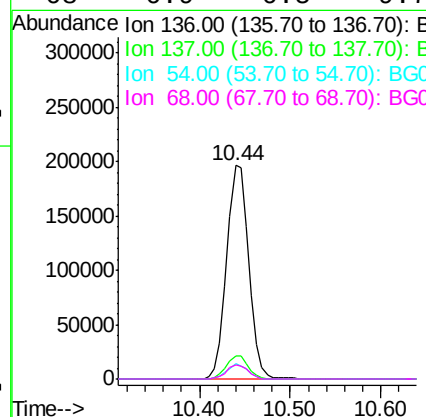
RT: 10.44 min Scan# 1319

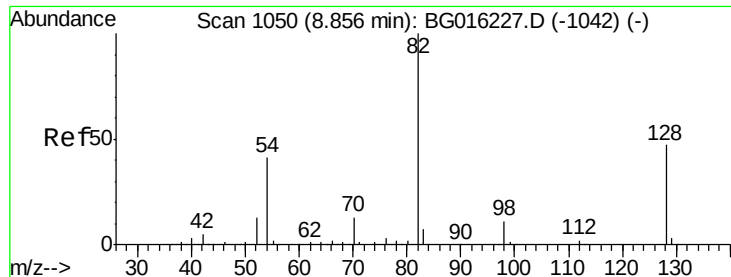
Delta R.T. -0.00 min

Lab File: BG016537.D

Acq: 19 Apr 2015 00:52

Tgt Ion:	136	Resp:	331664
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	7.1	6.3	9.5
68	6.9	6.5	9.7





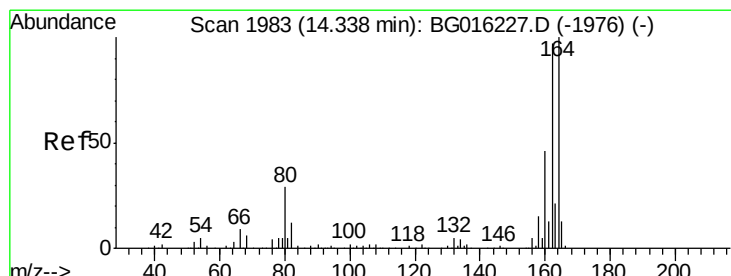
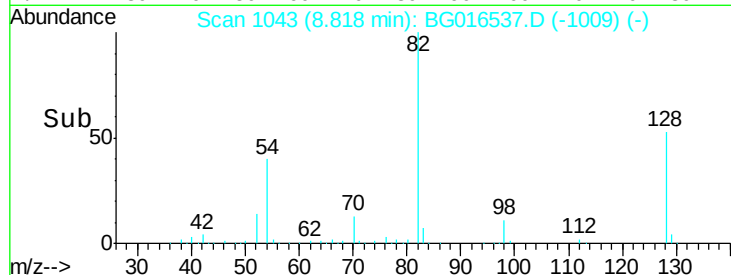
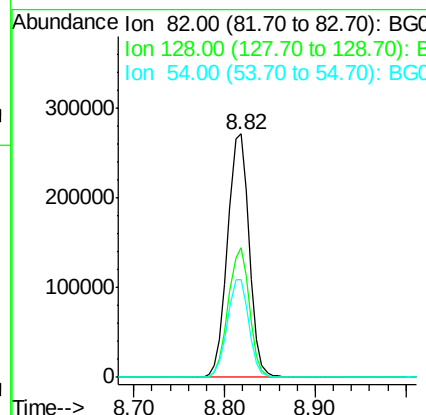
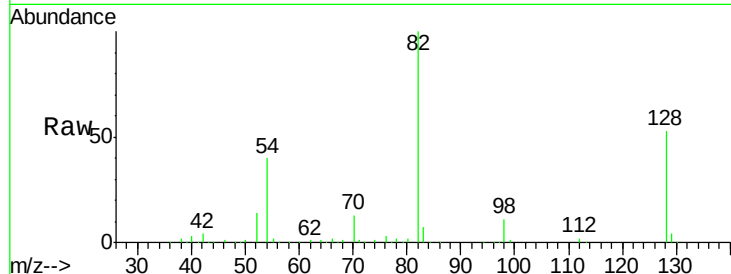
#23
 Nitrobenzene-d5
 Concen: 78.49 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG016537.D
 Acq: 19 Apr 2015 00:52

Instrument :
 BNA_G
 ClientSampled :
 S2-2-24

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	449396		
128	53.1	37.8	56.8	
54	40.3	32.6	49.0	

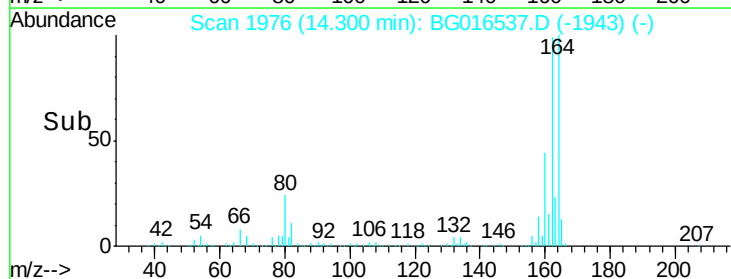
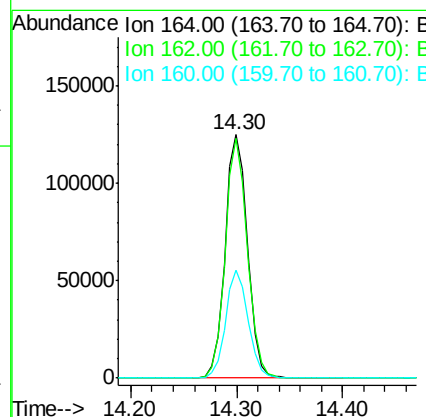
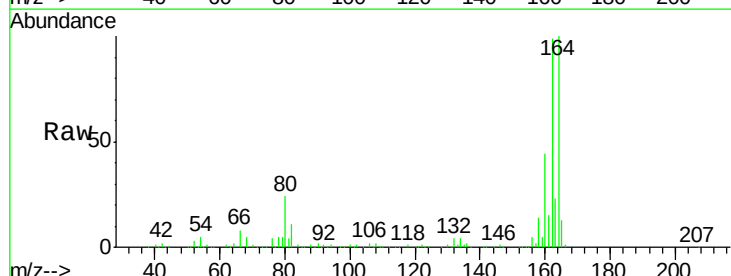
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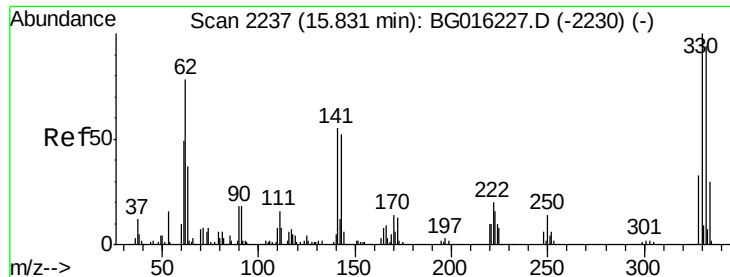
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG016537.D
 Acq: 19 Apr 2015 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	183725		
162	98.6	77.3	115.9	
160	44.2	36.7	55.1	





#41

2,4,6-Tribromophenol

Concen: 117.04 ng

RT: 15.79 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG016537.D

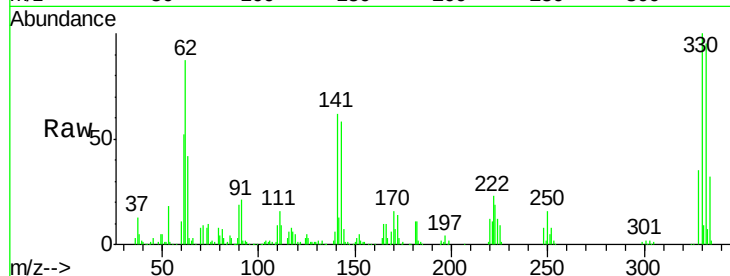
Acq: 19 Apr 2015 00:52

Instrument :

BNA_G

ClientSampled :

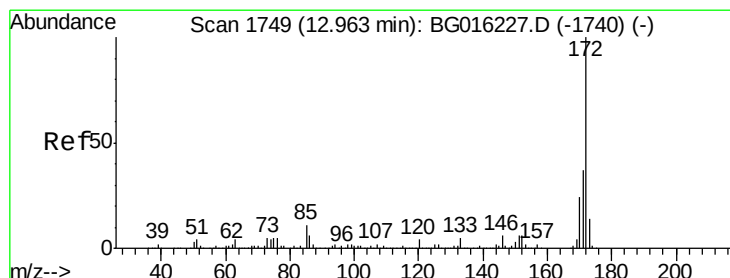
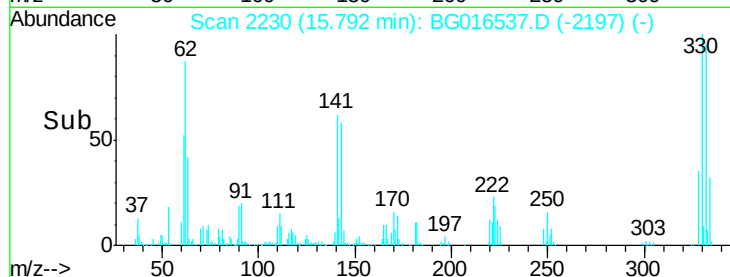
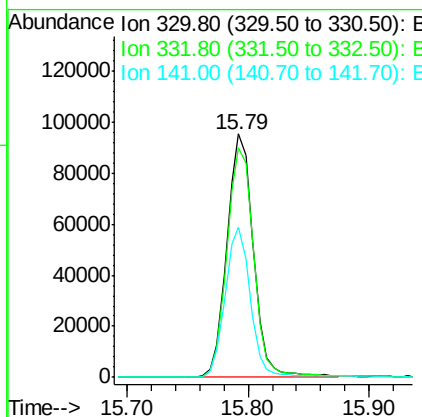
S2-2-24



Tgt Ion:	330	Resp:	145428
Ion Ratio	Lower	Upper	
330	100		
332	96.0	75.8	113.6
141	59.9	46.6	69.8

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#44

2-Fluorobiphenyl

Concen: 83.48 ng

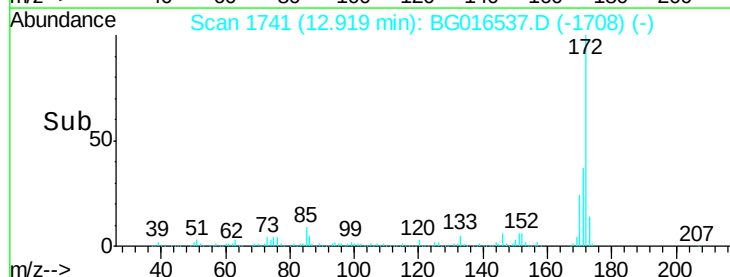
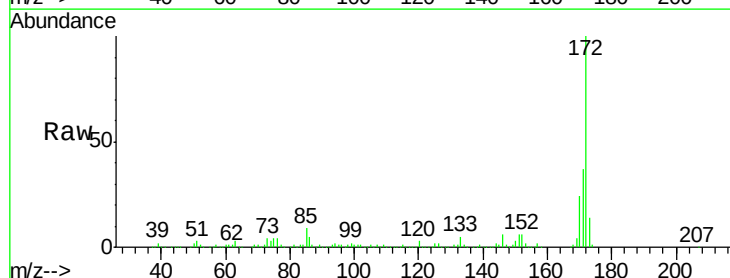
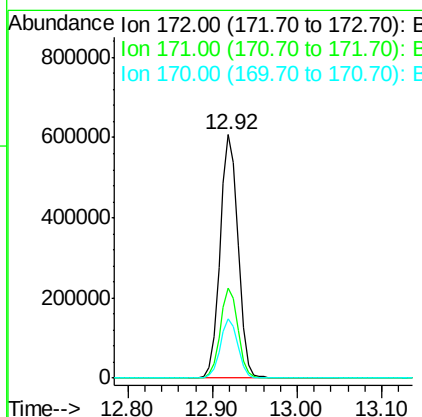
RT: 12.92 min Scan# 1741

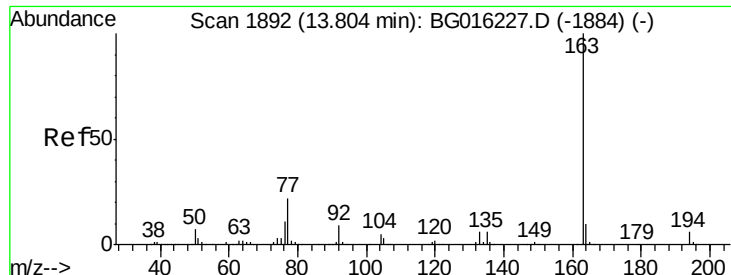
Delta R.T. -0.00 min

Lab File: BG016537.D

Acq: 19 Apr 2015 00:52

Tgt Ion:	172	Resp:	900846
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.6	44.4
170	24.3	19.4	29.2





#49

Dimethylphthalate

Concen: 2.81 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG016537.D

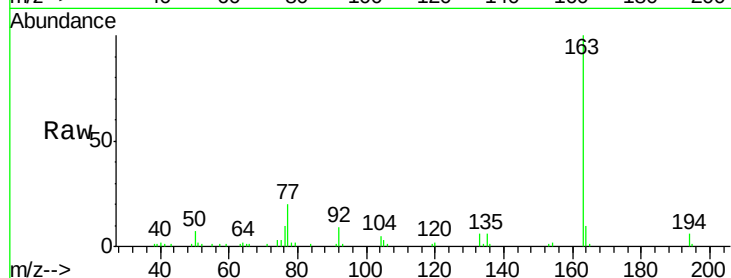
Acq: 19 Apr 2015 00:52

Instrument :

BNA_G

ClientSampleId :

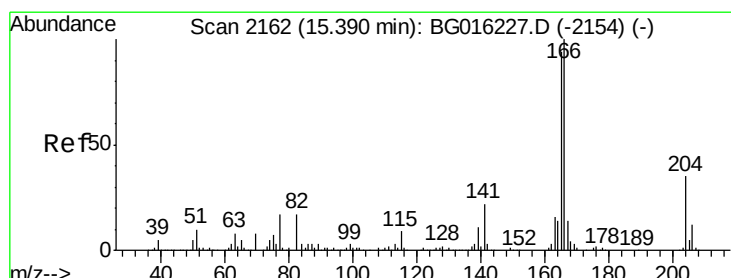
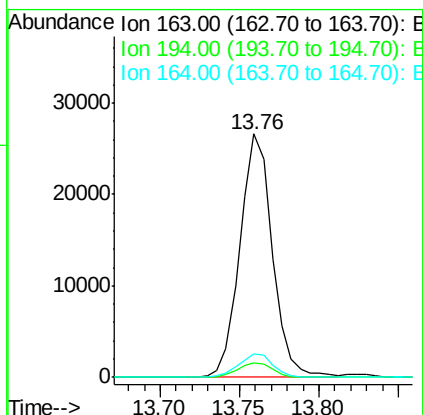
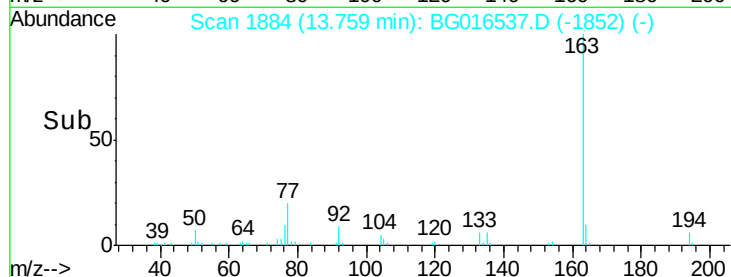
S2-2-24



Tgt Ion:	163	Resp:	37785
Ion Ratio	Lower	Upper	
163	100		
194	5.9	5.0	7.4
164	9.6	8.2	12.4

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#57

Fluorene

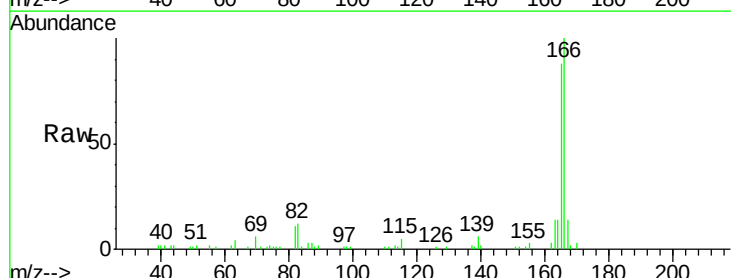
Concen: 2.01 ng

RT: 15.35 min Scan# 2155

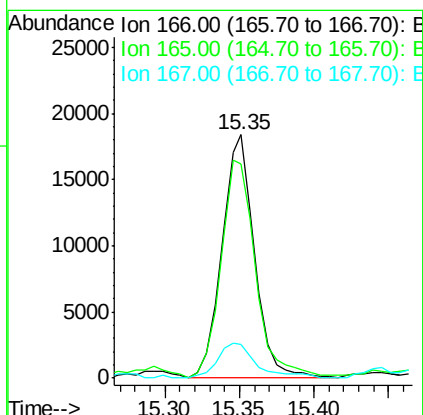
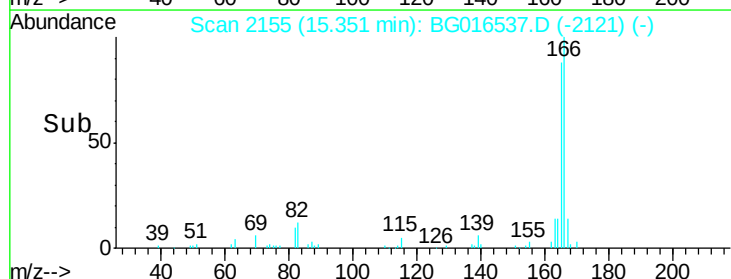
Delta R.T. 0.00 min

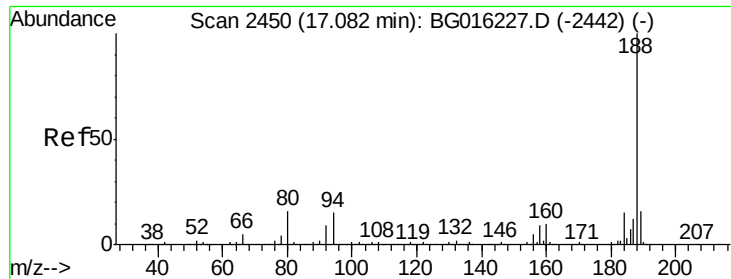
Lab File: BG016537.D

Acq: 19 Apr 2015 00:52



Tgt Ion:	166	Resp:	28068
Ion Ratio	Lower	Upper	
166	100		
165	88.1	75.2	112.8
167	13.6	11.3	16.9





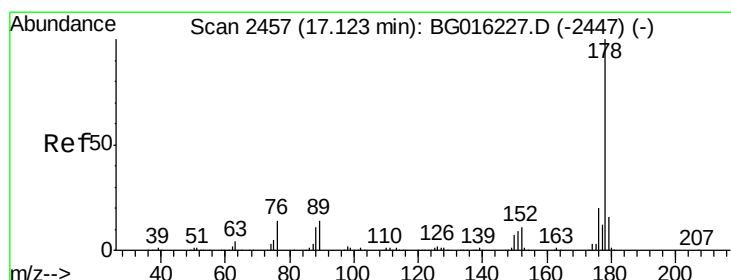
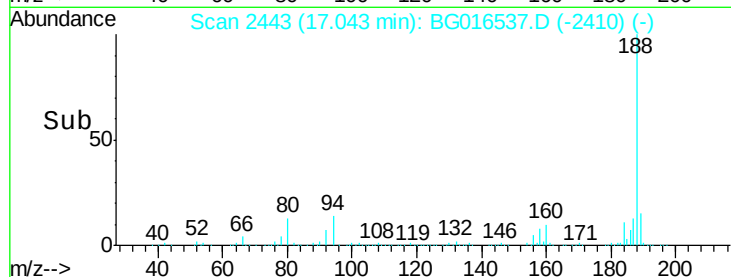
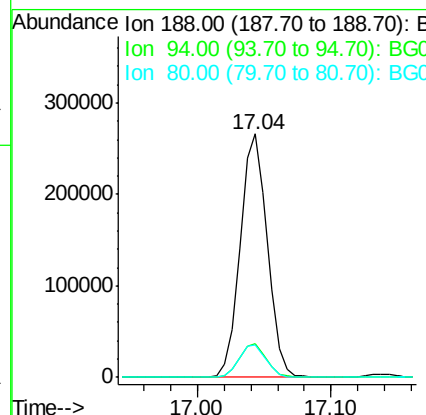
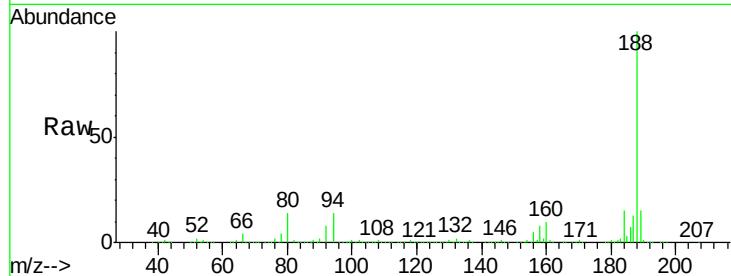
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG016537.D
Acq: 19 Apr 2015 00:52

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	373019		
94	13.8		12.2	18.4
80	13.6		12.8	19.2

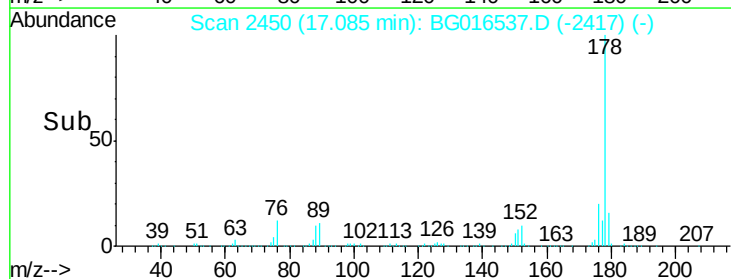
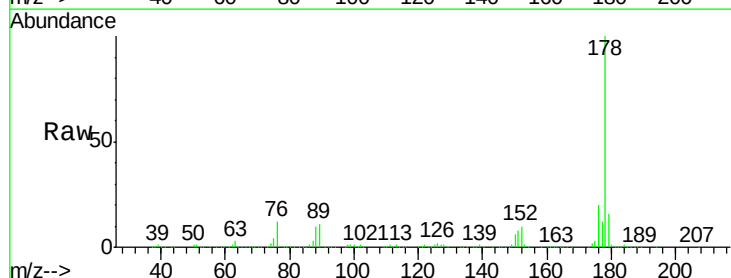
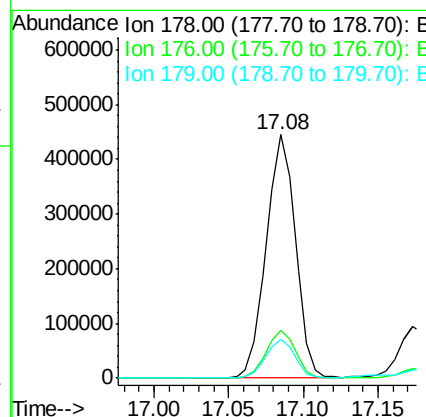
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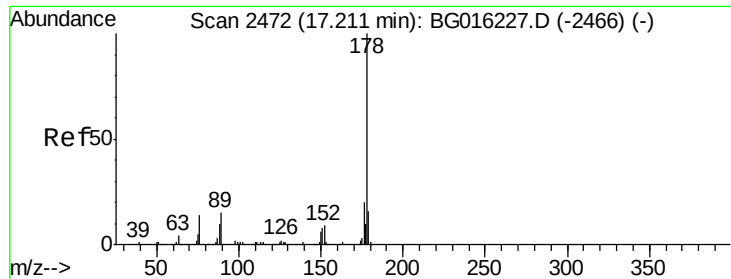
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#70
Phenanthrene
Concen: 28.68 ng
RT: 17.08 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG016537.D
Acq: 19 Apr 2015 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	601677		
176	19.8		16.2	24.4
179	16.0		12.7	19.1





#71

Anthracene

Concen: 6.28 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG016537.D

Acq: 19 Apr 2015 00:52

Instrument :

BNA_G

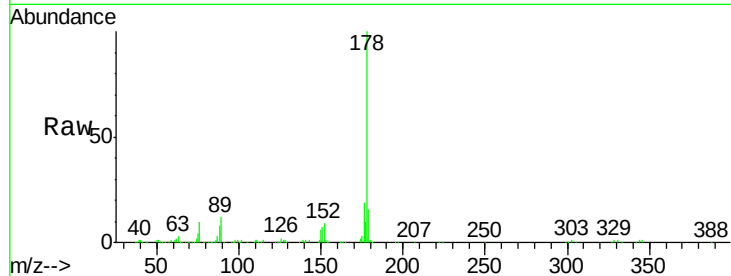
ClientSampleId :

S2-2-24

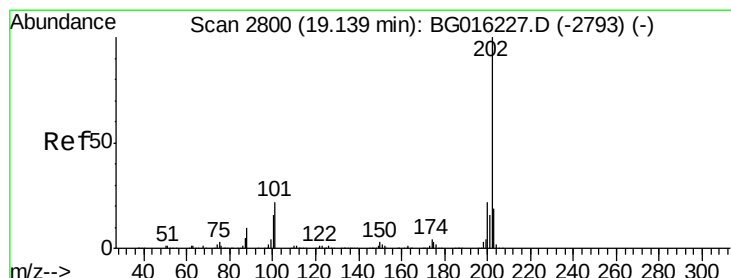
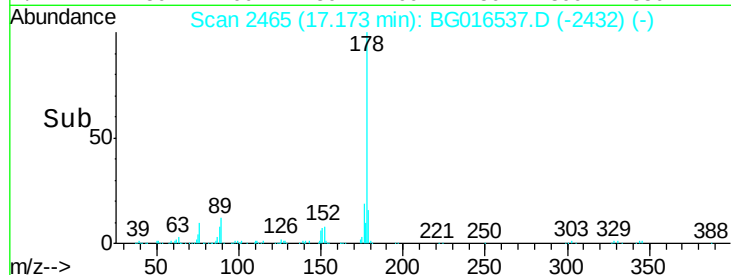
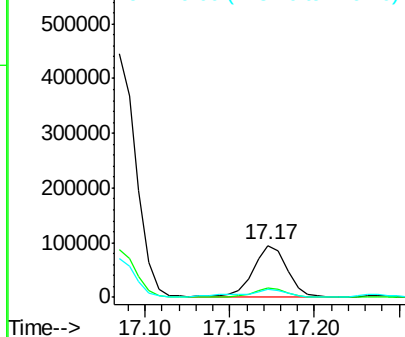
Tgt Ion:	178	Resp:	130595
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.9	23.9
179	16.2	13.0	19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 43.80 ng

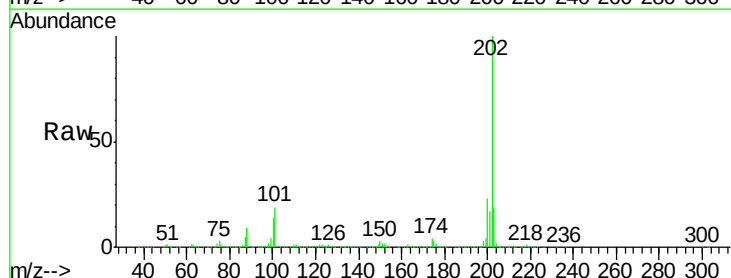
RT: 19.11 min Scan# 2794

Delta R.T. 0.00 min

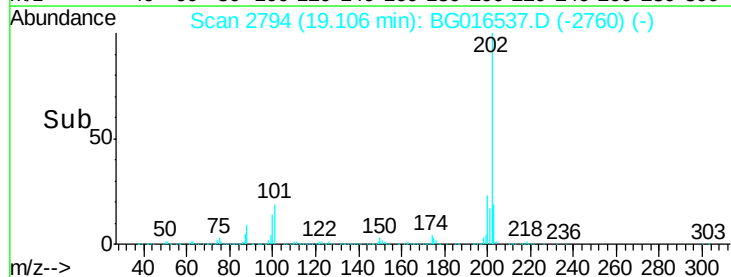
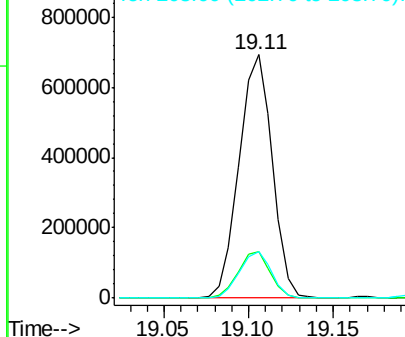
Lab File: BG016537.D

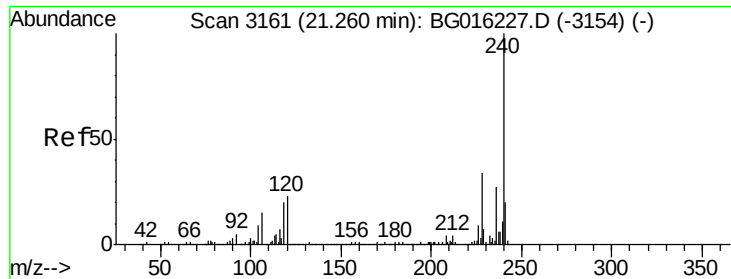
Acq: 19 Apr 2015 00:52

Tgt Ion:	202	Resp:	947224
Ion Ratio	Lower	Upper	
202	100		
101	19.1	1.7	41.7
203	18.9	0.0	38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG016537.D

Acq: 19 Apr 2015 00:52

Instrument :

BNA_G

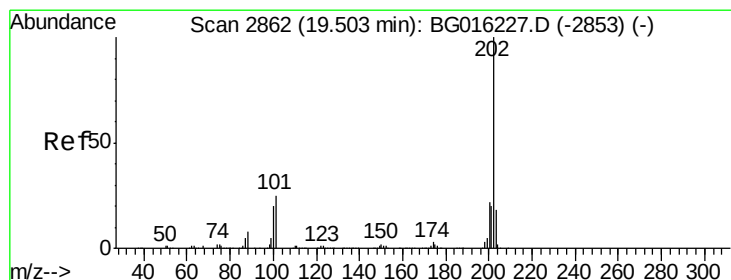
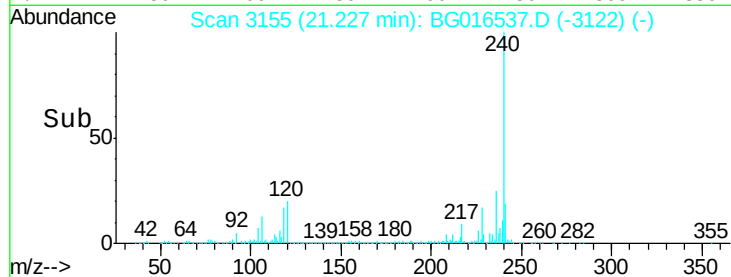
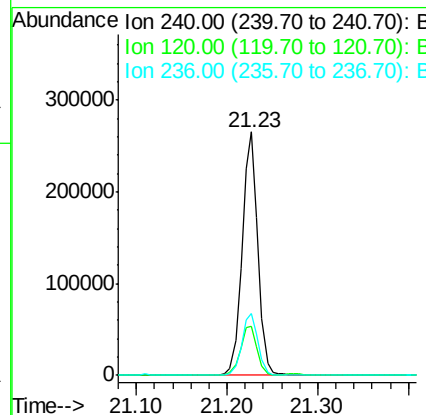
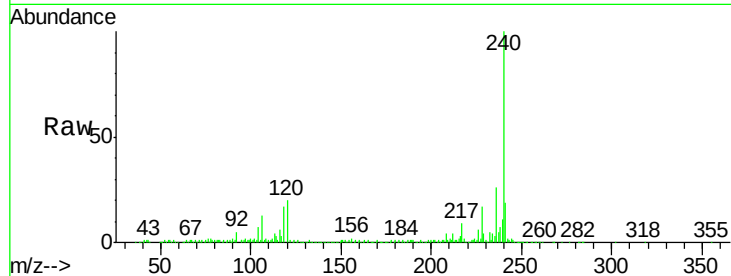
ClientSampleId :

S2-2-24

Tgt Ion:	240	Resp:	321625
Ion Ratio	Lower	Upper	
240	100		
120	20.4	18.6	28.0
236	25.6	21.7	32.5

Manual Integrations
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#77

Pyrene

Concen: 37.75 ng

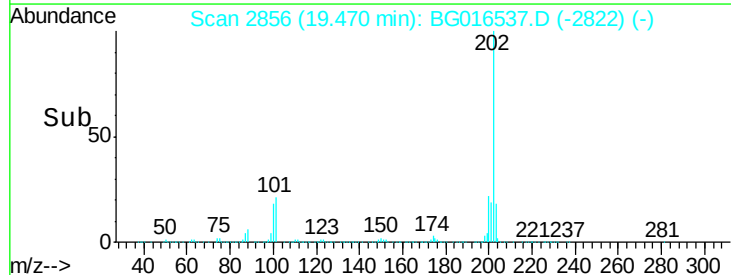
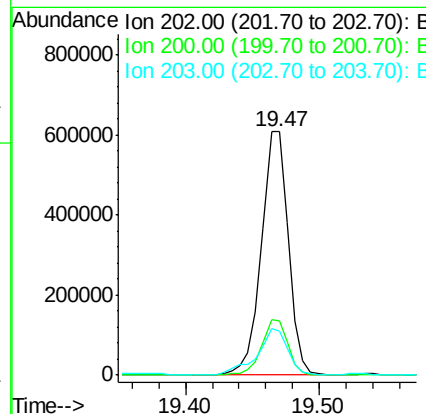
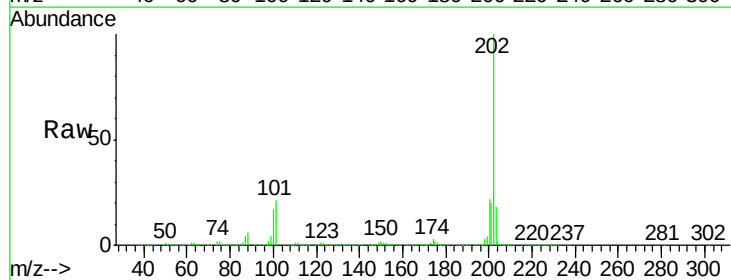
RT: 19.47 min Scan# 2856

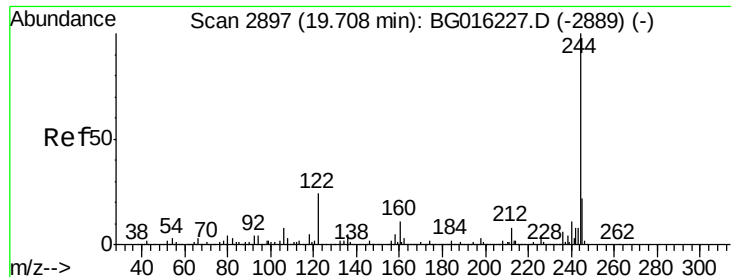
Delta R.T. 0.00 min

Lab File: BG016537.D

Acq: 19 Apr 2015 00:52

Tgt Ion:	202	Resp:	845460
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.8
203	18.2	14.7	22.1





#78

Terphenyl-d14

Concen: 70.25 ng

RT: 19.68 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG016537.D

Acq: 19 Apr 2015 00:52

Instrument :

BNA_G

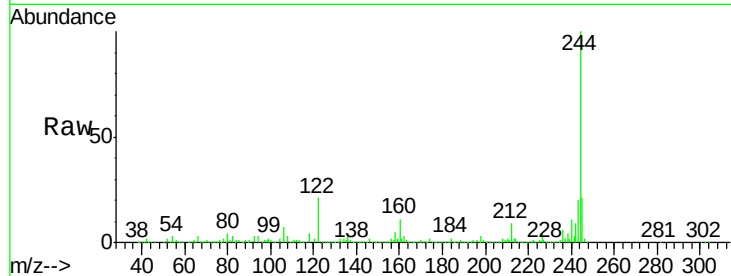
ClientSampleId :

S2-2-24

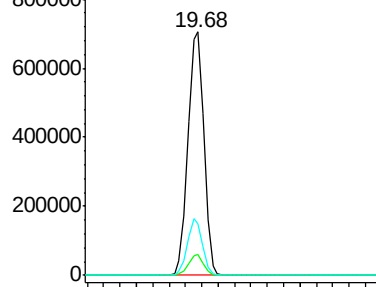
Tgt Ion:	244	Resp:	965345
Ion Ratio	Lower	Upper	
244	100		
212	8.5	6.6	9.8
122	21.4	19.1	28.7

Manual Integrations
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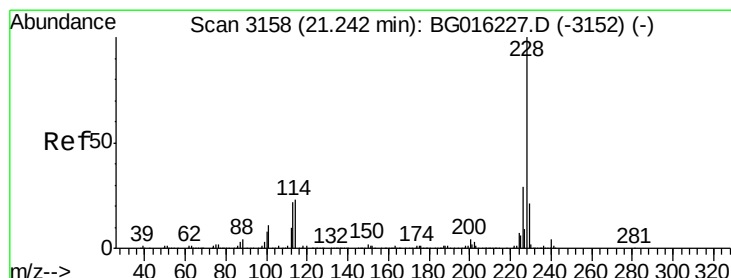
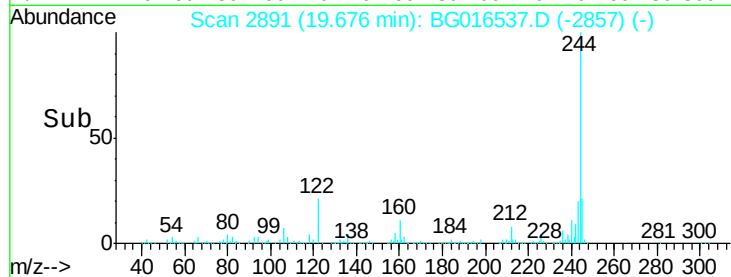
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 21.50 ng

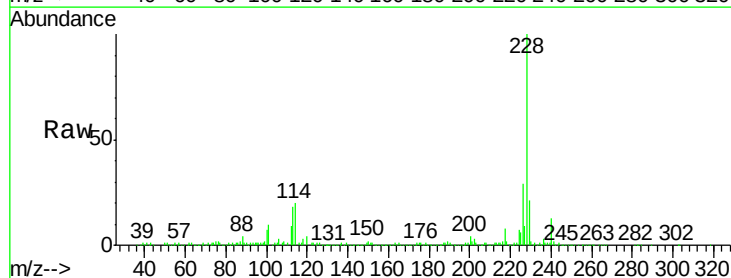
RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

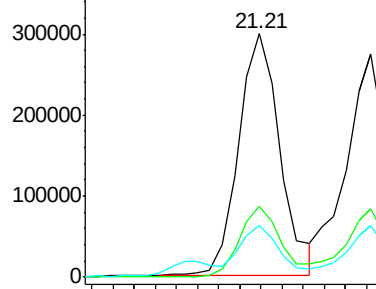
Lab File: BG016537.D

Acq: 19 Apr 2015 00:52

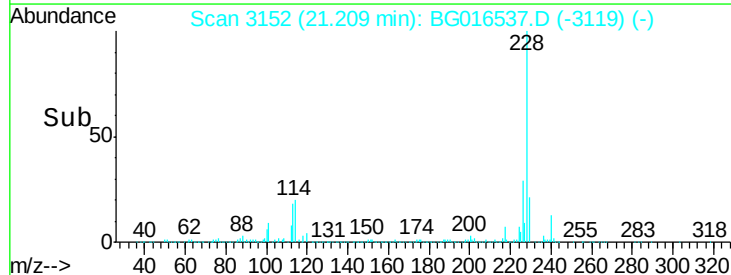
Tgt Ion:	228	Resp:	408669
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.5	35.3
229	21.3	16.8	25.2

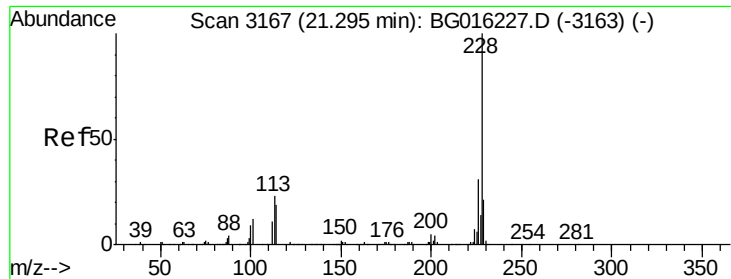


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





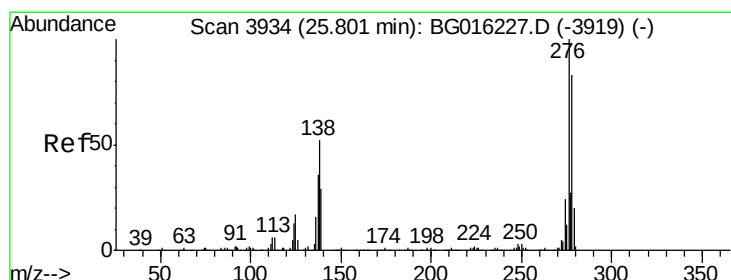
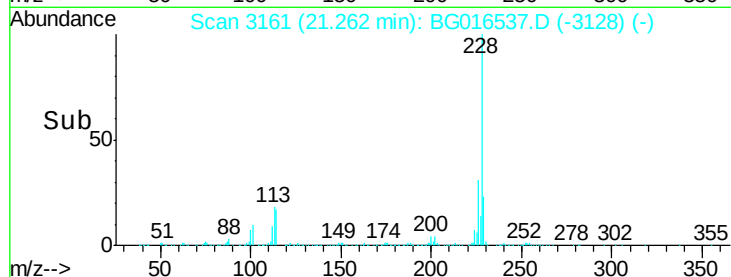
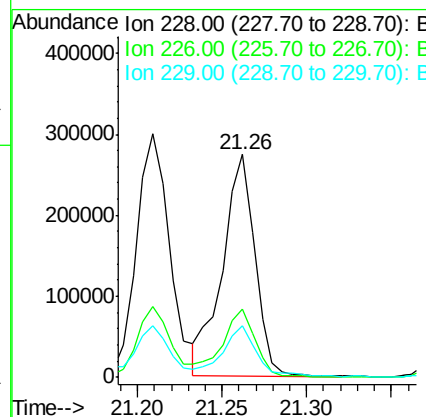
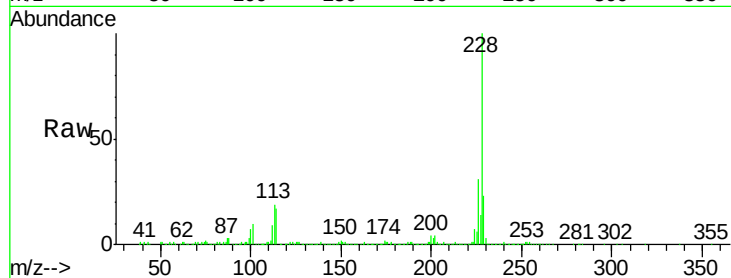
#82
Chrysene
Concen: 20.04 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG016537.D
Acq: 19 Apr 2015 00:52

Instrument :
BNA_G
ClientSampleId :
S2-2-24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	367795		
226	30.7	25.0	37.4	
229	22.9	17.0	25.4	

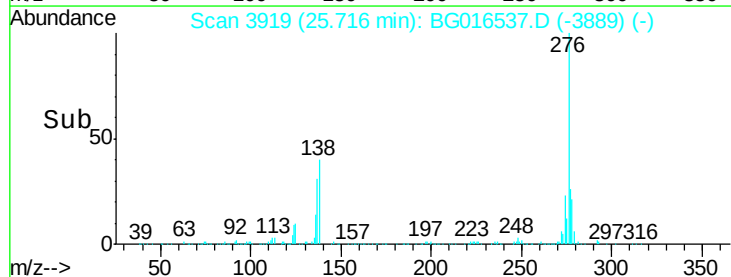
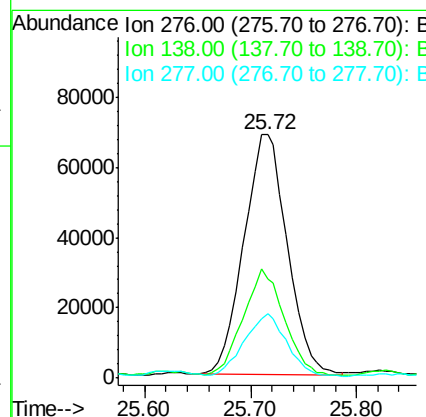
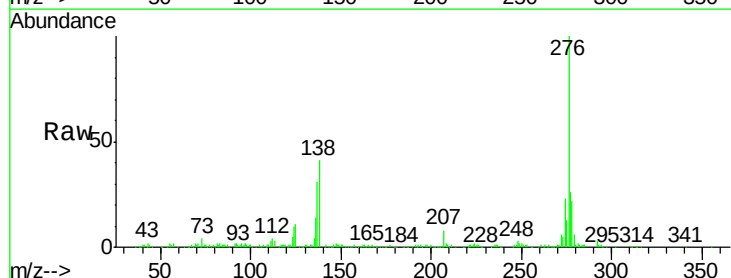
Manual Integrations
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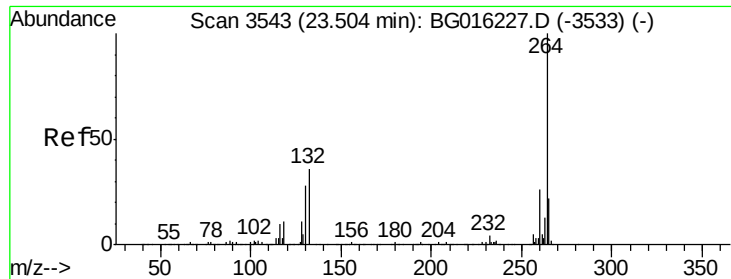
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#85
Indeno(1,2,3-cd)pyrene
Concen: 10.27 ng
RT: 25.72 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BG016537.D
Acq: 19 Apr 2015 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	195743		
138	41.4	41.5	62.3#	
277	25.3	21.0	31.6	





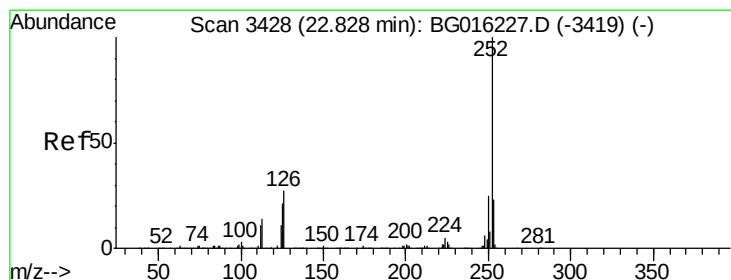
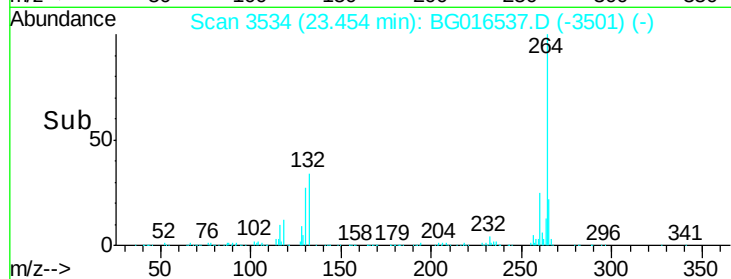
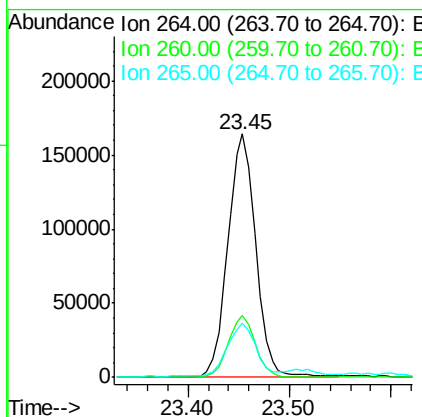
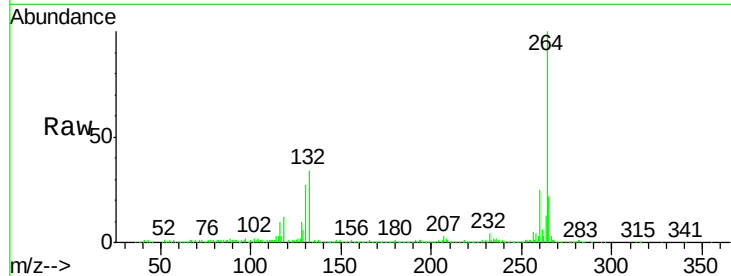
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG016537.D
Acq: 19 Apr 2015 00:52

Instrument :
BNA_G
ClientSampleId :
S2-2-24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	22.3	17.2	25.8

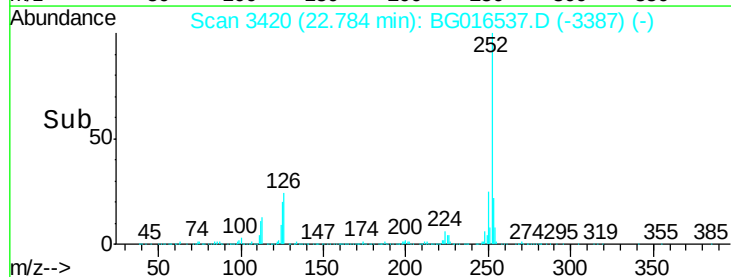
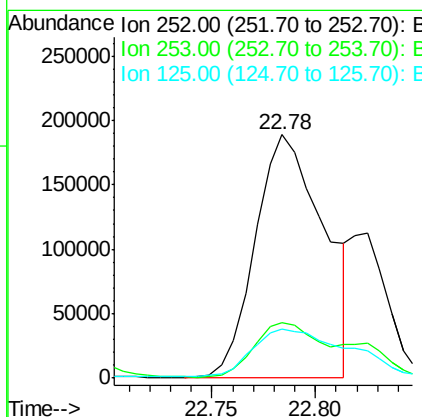
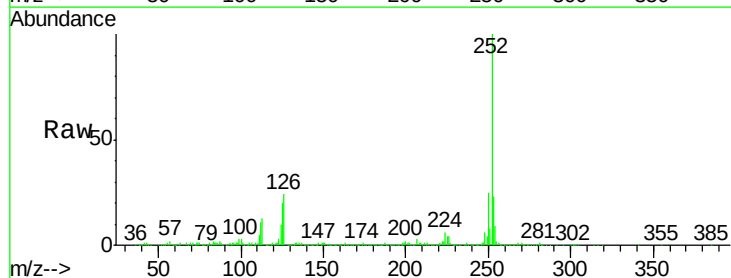
Manual Integrations
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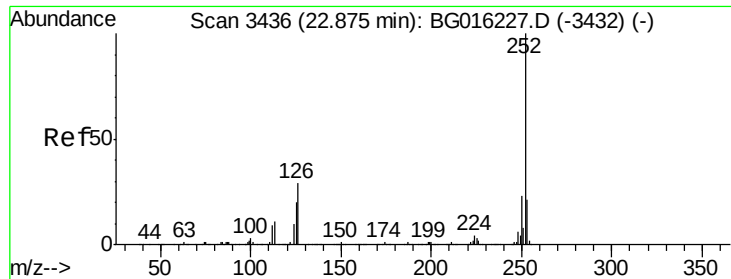
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#87
Benzo(b)fluoranthene
Concen: 24.00 ng m
RT: 22.78 min Scan# 3420
Delta R.T. -0.00 min
Lab File: BG016537.D
Acq: 19 Apr 2015 00:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	20.4	17.0	25.6





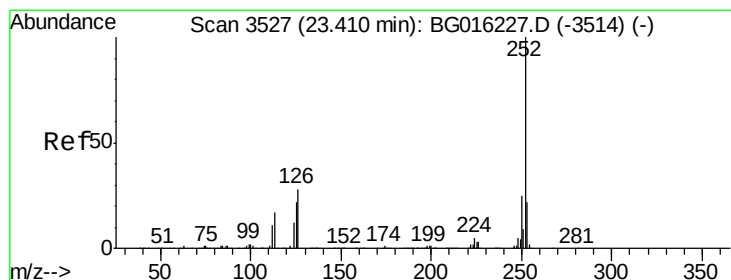
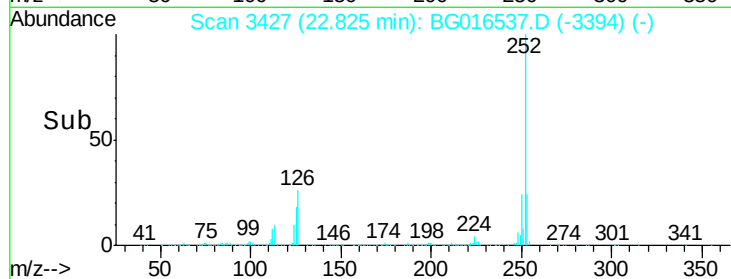
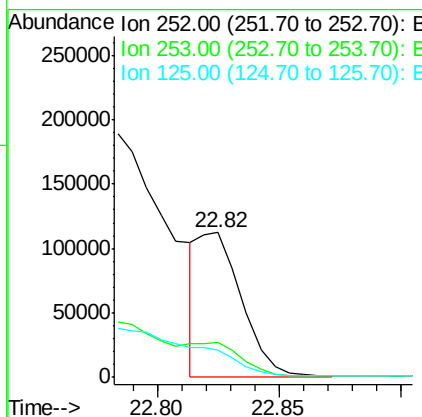
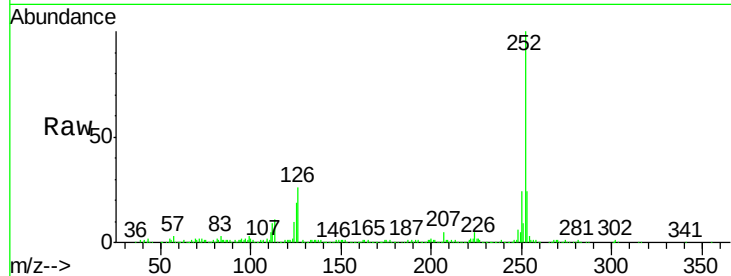
#88
Benzo(k)fluoranthene
Concen: 7.82 ng m
RT: 22.82 min Scan# 3427
Delta R.T. -0.00 min
Lab File: BG016537.D
Acq: 19 Apr 2015 00:52

Instrument :
BNA_G
ClientSampled :
S2-2-24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	18.7	16.3	24.5

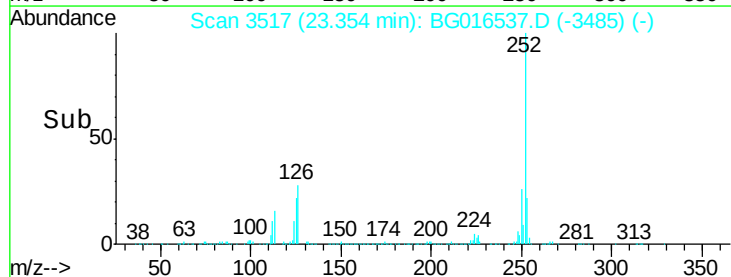
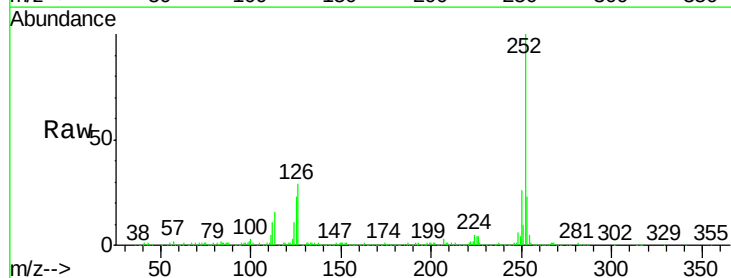
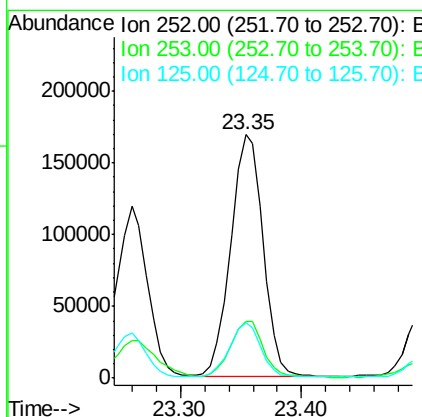
Manual Integrations
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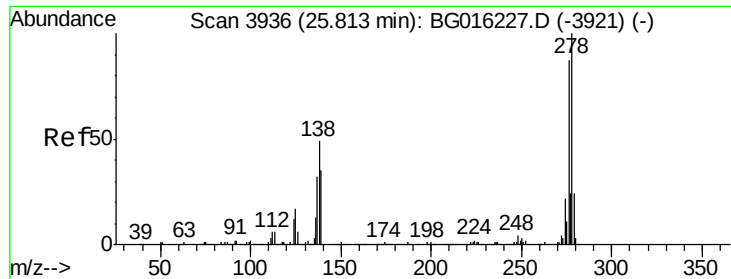
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#89
Benzo(a)pyrene
Concen: 18.44 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG016537.D
Acq: 19 Apr 2015 00:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	22.8	17.6	26.4





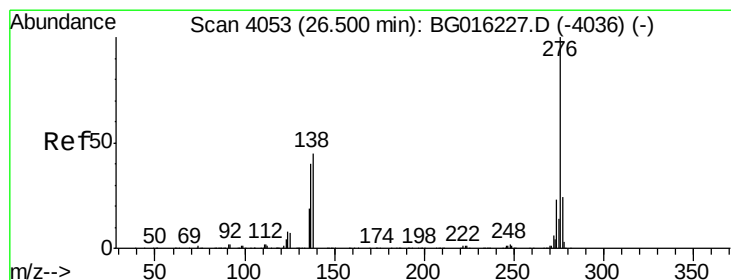
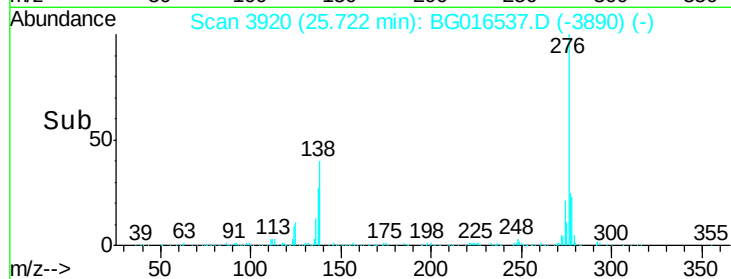
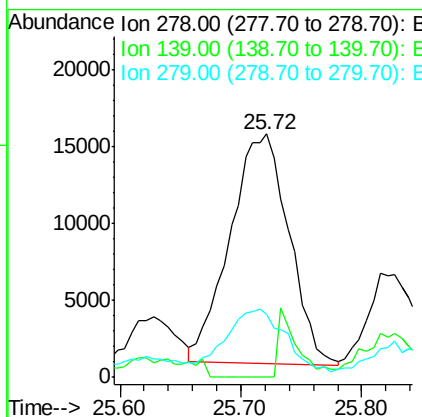
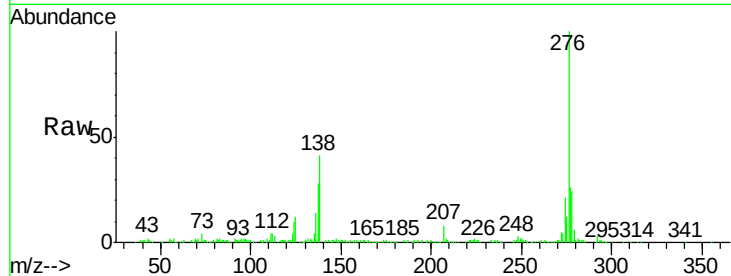
#90
Dibenzo(a,h)anthracene
Concen: 3.04 ng
RT: 25.72 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BG016537.D
Acq: 19 Apr 2015 00:52

Instrument :
BNA_G
ClientSampleId :
S2-2-24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	27.9	41.9#
279	26.1	19.5	29.3

Manual Integrations
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4/20/2015 3:59:57 PM



#91
Benzo(g,h,i)perylene
Concen: 11.42 ng
RT: 26.41 min Scan# 4037
Delta R.T. -0.02 min
Lab File: BG016537.D
Acq: 19 Apr 2015 00:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	43.8	35.7	53.5

