

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
 Data File : BG024927.D
 Acq On : 24 Nov 2016 4:17
 Operator : UM/SJ
 Sample : H5701-10MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WD7MS

Manual Integrations
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Quant Time: Nov 24 06:01:34 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	85603	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	369019	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	312190	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	712867	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	872398	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	911164	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	7028	3.89	ng/uL	0.00
5) Phenol-d5	7.39	99	164658	20.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	104089	21.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	112014	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	123135	18.08	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	60328	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	70447	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	133424	19.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	131088	17.30	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	499458	21.76	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	557909	22.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	67762	16.78	ng/ul	0.00
57) Fluorene-d10	15.86	176	449194	21.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	73621	14.55	ng/ul	0.00
70) Anthracene-d10	17.71	188	696946	21.49	ng/ul	0.00
76) Pyrene-d10	19.98	212	829865	21.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	848689	20.95	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.41	94	237459	29.10	ng/ul	97
10) 2-Chlorophenol	7.81	128	129799	23.88	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.05	70	155652	26.57	ng/ul#	86
28) Naphthalene	11.13	128	27923	1.55	ng/ul#	89
33) 4-Chloro-3-methylphenol	12.33	107	205427	24.61	ng/ul	99
44) Dimethylphthalate	14.31	163	81284	3.62	ng/ul#	97
49) Acenaphthene	14.93	153	480233	28.59	ng/ul	99
52) 4-Nitrophenol	15.06	109	98740	20.96	ng/ul	90
53) Dibenzofuran	15.26	168	33044	1.27	ng/ul#	85
54) 2,4-Dinitrotoluene	15.22	165	191560	26.43	ng/ul#	91
56) Diethylphthalate	15.65	149	151700	6.59	ng/ul	98
58) Fluorene	15.90	166	39682	1.86	ng/ul	89
68) Pentachlorophenol	17.25	266	145759	25.26	ng/ul	95
69) Phenanthrene	17.65	178	483794	13.19	ng/ul	97
71) Anthracene	17.74	178	127194	3.37	ng/ul	97
72) Carbazole	18.01	167	49757	1.60	ng/ul	99
74) Fluoranthene	19.65	202	637129	15.06	ng/ul#	97
77) Pyrene	20.01	202	1646562	36.42	ng/ul	98
80) Benzo(a)anthracene	21.88	228	342024	7.13	ng/ul	97
82) Chrysene	21.95	228	307828	6.81	ng/ul	99
85) Benzo(b)fluoranthene	24.23	252	384783	7.92	ng/ul#	99
86) Benzo(k)fluoranthene	24.28	252	111081m	2.39	ng/ul	
88) Benzo(a)pyrene	25.16	252	275026m	5.82	ng/ul	

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QLast Update : Thu Nov 24 01:29:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	29.23	276	179259	3.09	ng/ul#	92
91) Benzo(g,h,i)perylene	30.47	276	132677	2.78	ng/ul#	87

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

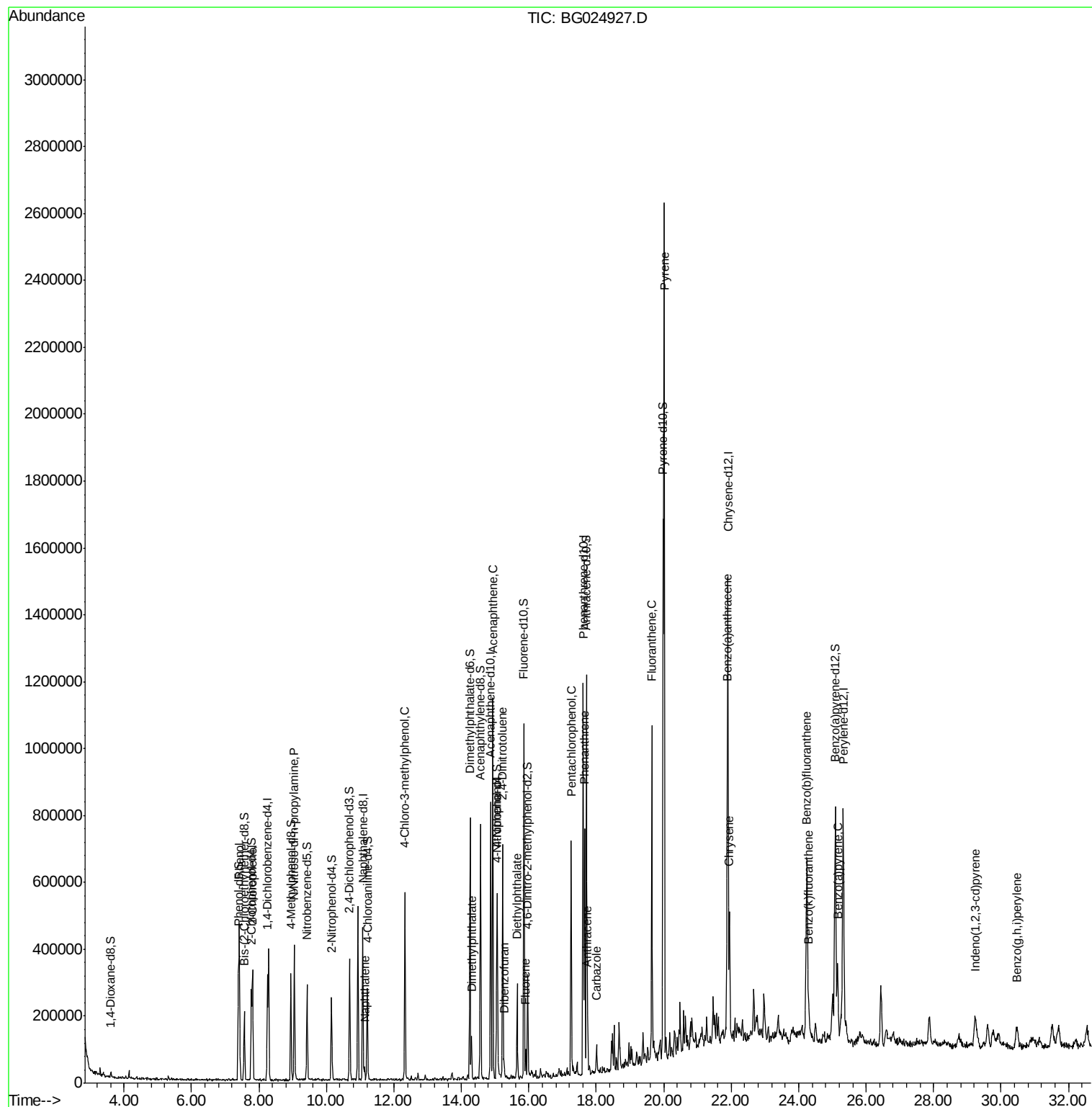
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
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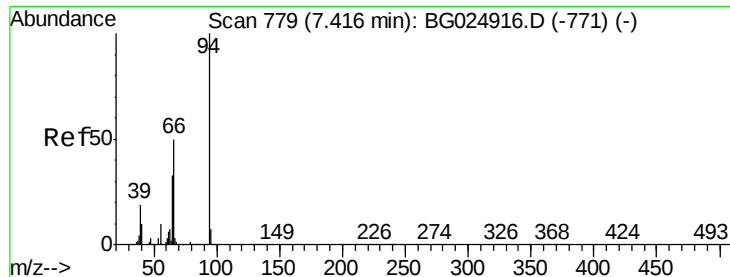
Instrument :
BNA_G
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#6

Phenol

Concen: 29.10 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG024927.D

Acq: 24 Nov 2016 4:17

Instrument :

BNA_G

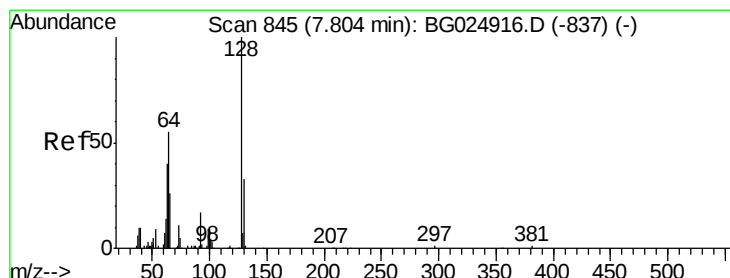
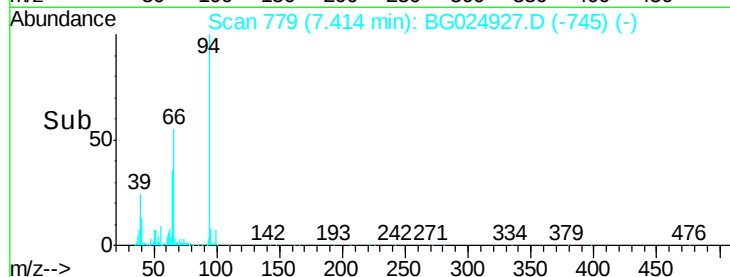
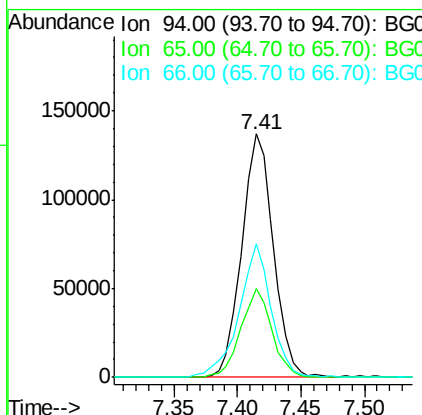
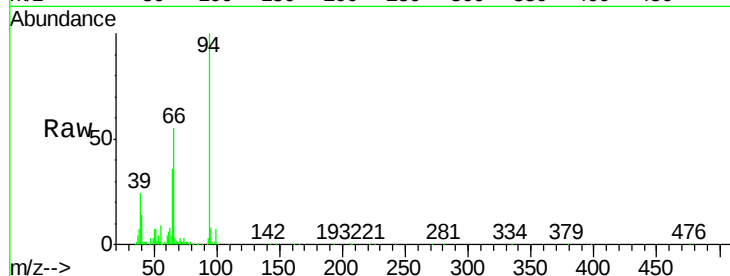
ClientSampleId :

A4WD7MS

Tgt Ion:	94	Resp:	237459
Ion Ratio	Lower	Upper	
94	100		
65	36.2	26.8	40.2
66	54.6	44.4	66.6

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#10

2-Chlorophenol

Concen: 23.88 ng/ul

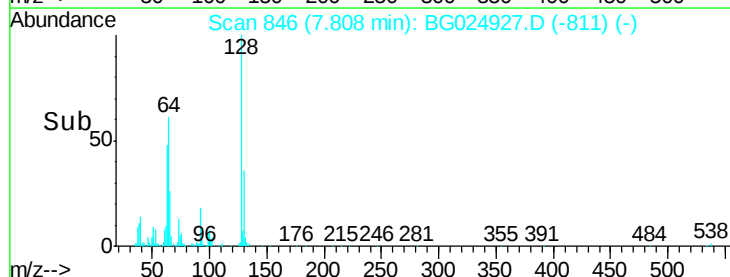
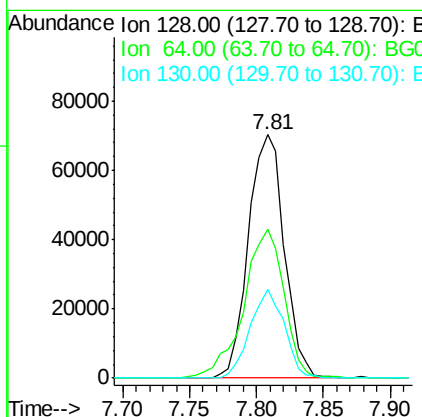
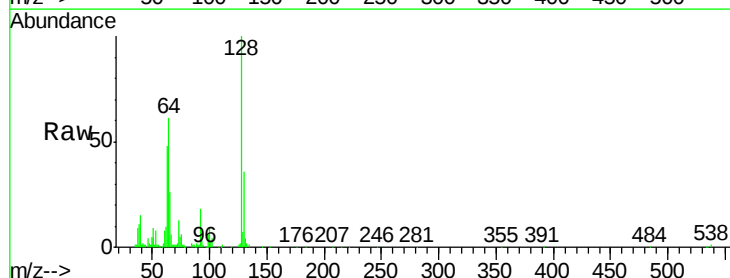
RT: 7.81 min Scan# 846

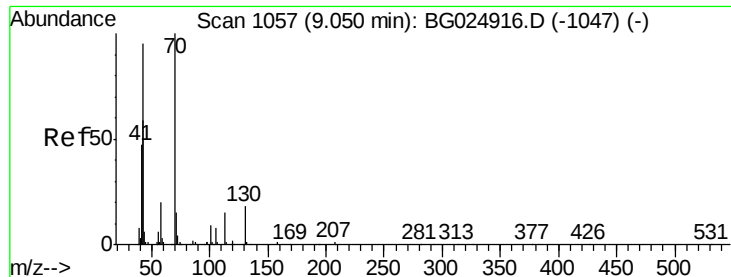
Delta R.T. 0.00 min

Lab File: BG024927.D

Acq: 24 Nov 2016 4:17

Tgt Ion:	128	Resp:	129799
Ion Ratio	Lower	Upper	
128	100		
64	61.2	56.3	84.5
130	36.5	26.7	40.1





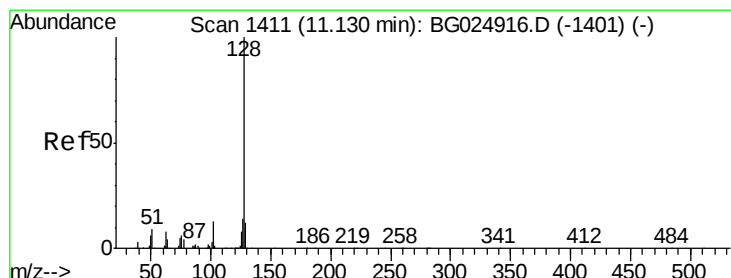
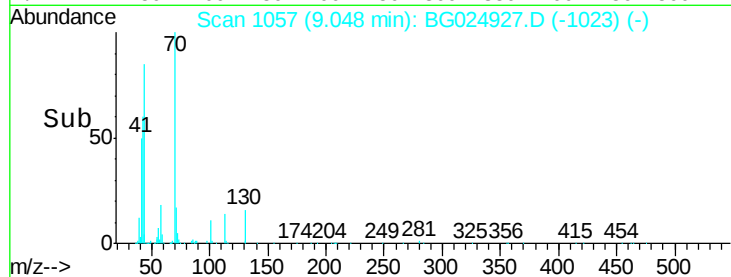
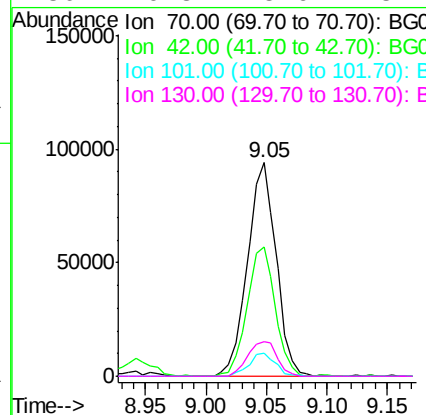
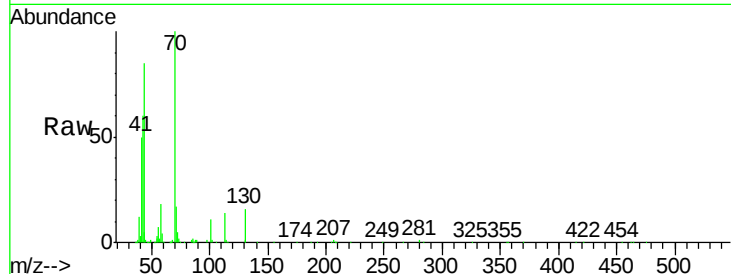
#15
N-Nitroso-di-n-propylamine
Concen: 26.57 ng/ul
RT: 9.05 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BG024927.D
Acq: 24 Nov 2016 4:17

Instrument :
BNA_G
ClientSampleId :
A4WD7MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.3	59.0	88.6
101	10.8	6.6	9.8#
130	16.3	15.6	23.4

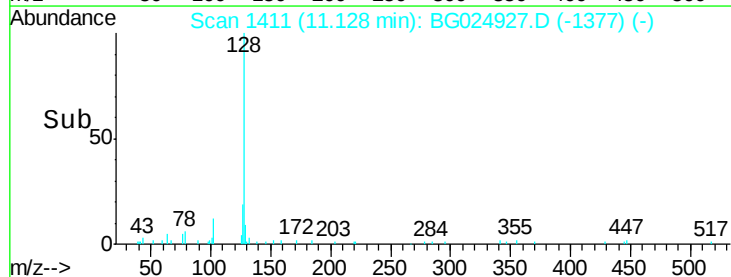
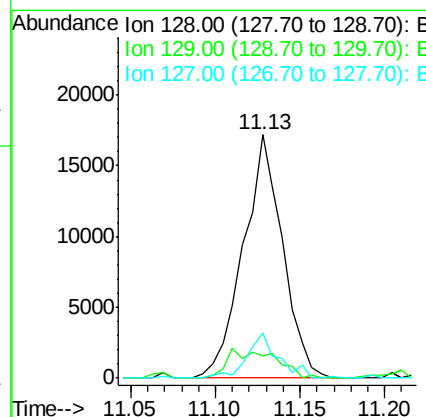
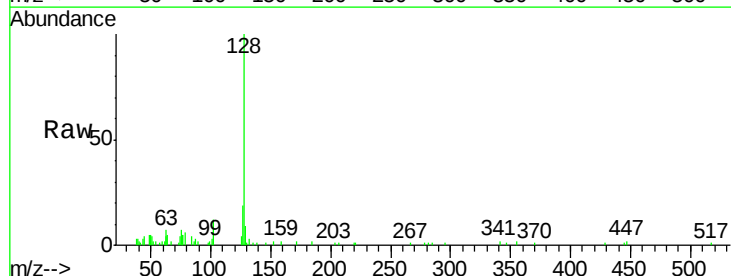
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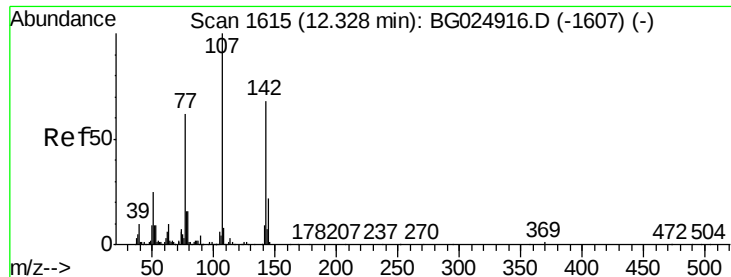
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#28
Naphthalene
Concen: 1.55 ng/ul
RT: 11.13 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BG024927.D
Acq: 24 Nov 2016 4:17

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.0	9.4	14.2#
127	18.6	10.3	15.5#





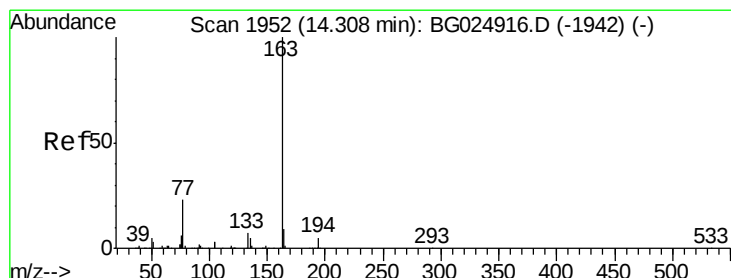
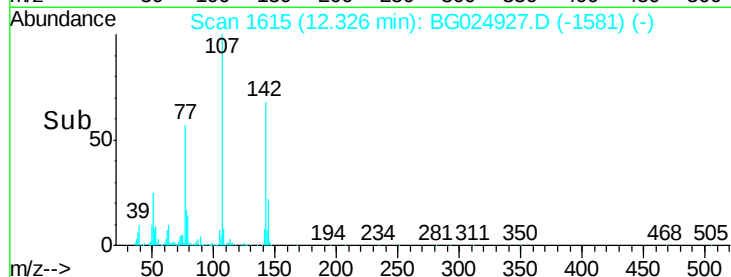
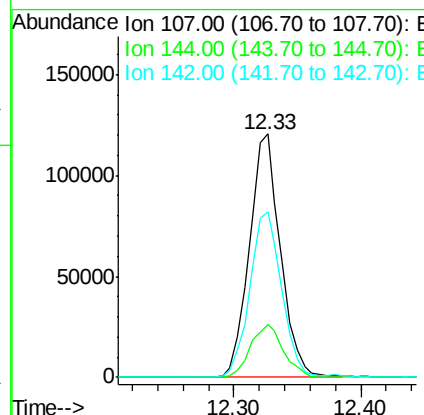
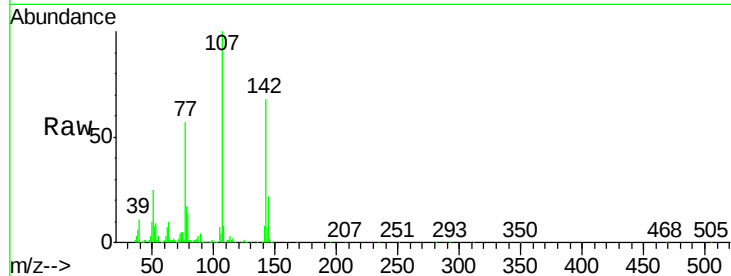
#33
 4-Chloro-3-methylphenol
 Concen: 24.61 ng/ul
 RT: 12.33 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BG024927.D
 Acq: 24 Nov 2016 4:17

Instrument :
 BNA_G
 ClientSampleId :
 A4WD7MS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.9	18.2	27.4
142	68.0	55.0	82.4

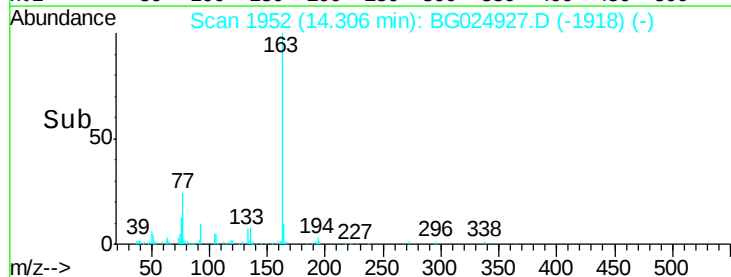
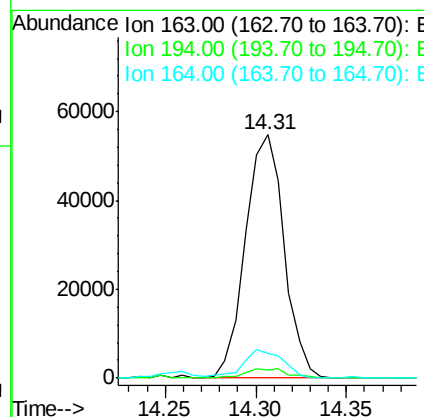
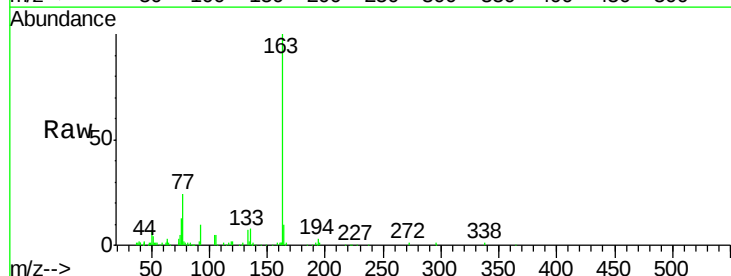
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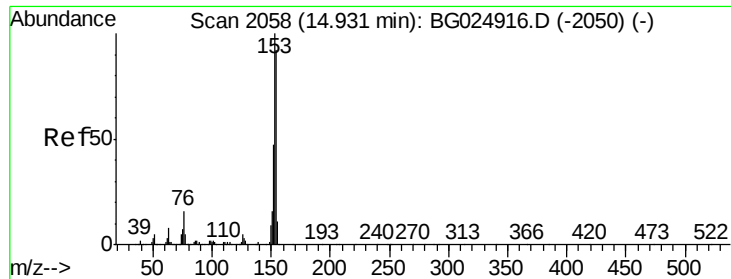
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#44
 Dimethylphthalate
 Concen: 3.62 ng/ul
 RT: 14.31 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG024927.D
 Acq: 24 Nov 2016 4:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.4	5.0#
164	10.0	9.0	13.4





#49

Acenaphthene

Concen: 28.59 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG024927.D

Acq: 24 Nov 2016 4:17

Instrument :

BNA_G

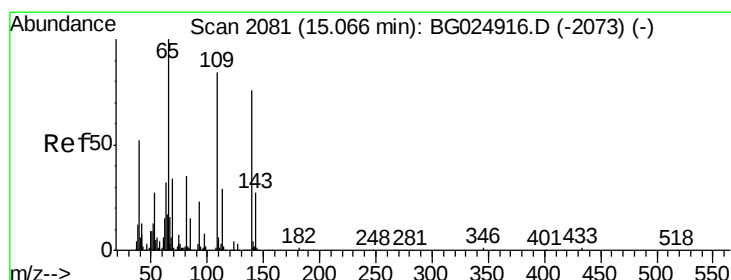
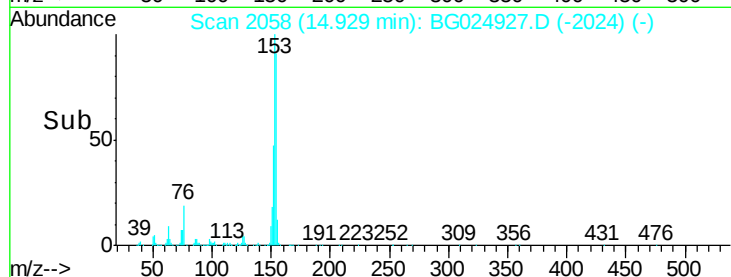
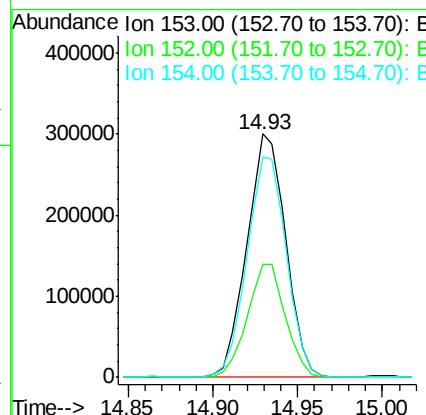
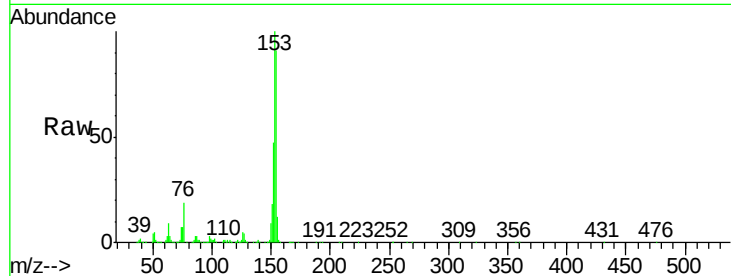
ClientSampleId :

A4WD7MS

Tgt Ion:	153	Resp:	480233
Ion Ratio	Lower	Upper	
153	100		
152	46.5	36.5	54.7
154	90.8	72.3	108.5

Manual Integrations
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#52

4-Nitrophenol

Concen: 20.96 ng/ul

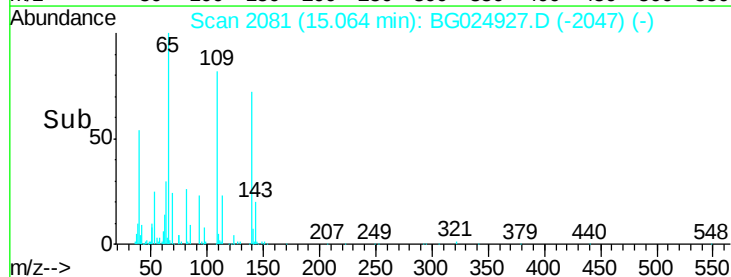
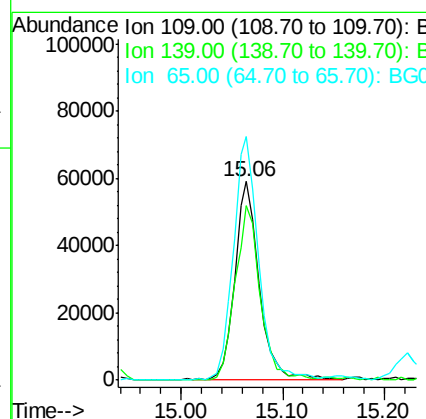
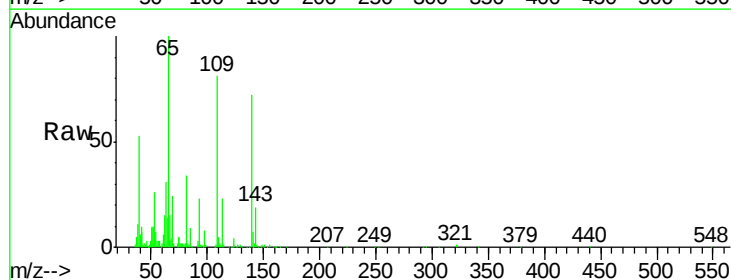
RT: 15.06 min Scan# 2081

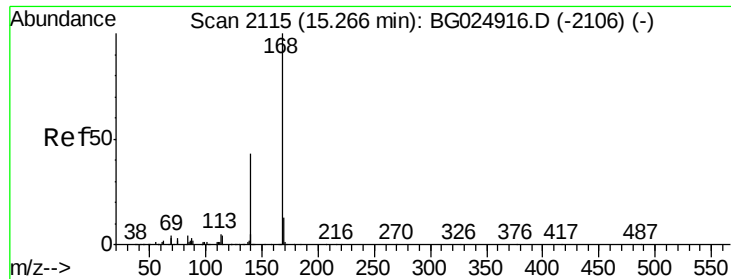
Delta R.T. -0.00 min

Lab File: BG024927.D

Acq: 24 Nov 2016 4:17

Tgt Ion:	109	Resp:	98740
Ion Ratio	Lower	Upper	
109	100		
139	88.1	62.6	93.8
65	122.8	90.4	135.6





#53

Dibenzenofuran

Concen: 1.27 ng/ul

RT: 15.26 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BG024927.D

Acq: 24 Nov 2016 4:17

Instrument :

BNA_G

ClientSampleId :

A4WD7MS

Tgt Ion:168 Resp: 33044

Ion Ratio Lower Upper

168 100

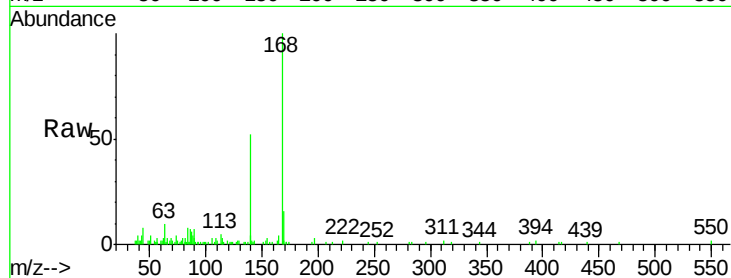
139 51.6 33.8 50.8#

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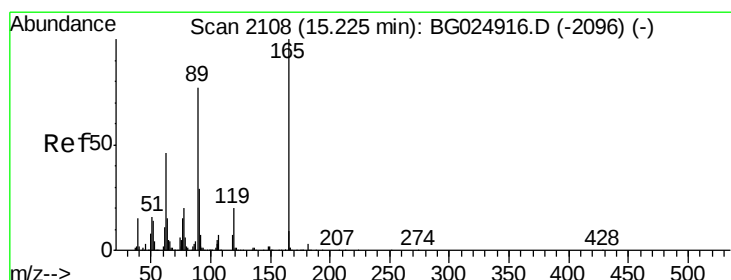
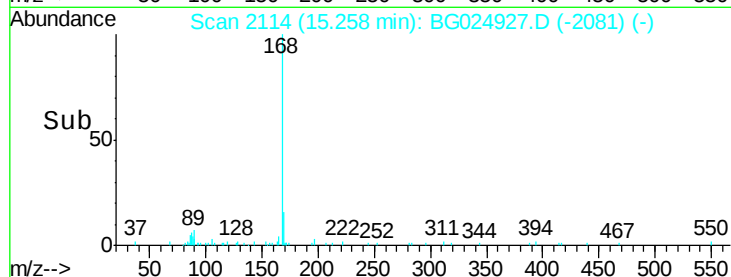
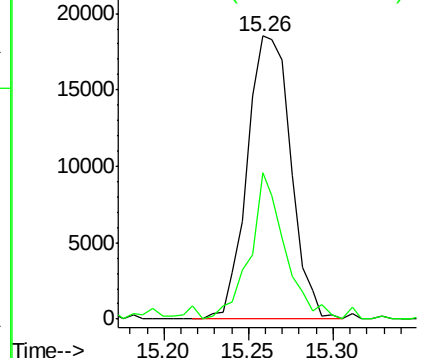
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 26.43 ng/ul

RT: 15.22 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BG024927.D

Acq: 24 Nov 2016 4:17

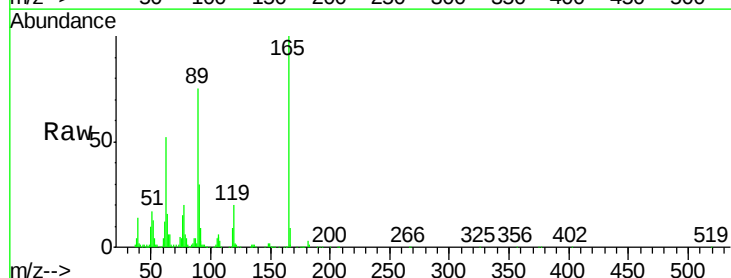
Tgt Ion:165 Resp: 191560

Ion Ratio Lower Upper

165 100

63 51.9 46.8 70.2

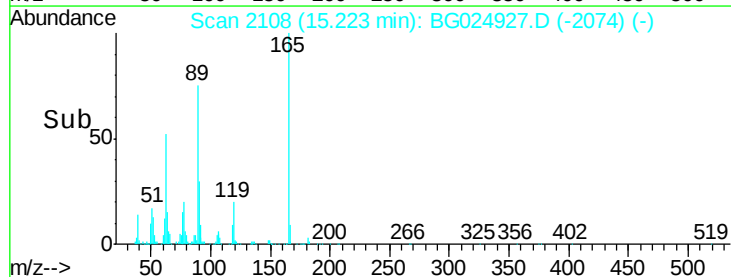
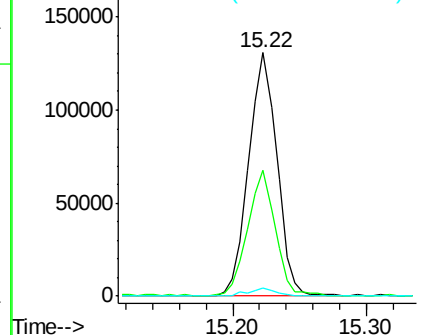
182 3.3 1.8 2.6#

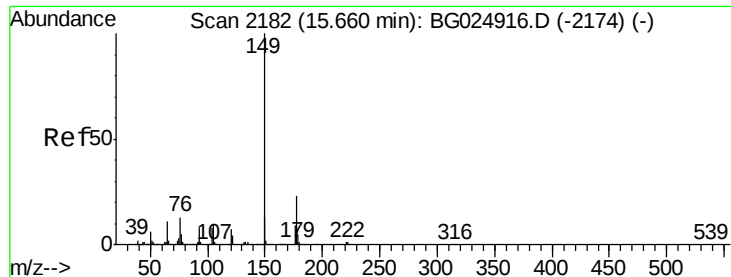


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 6.59 ng/ul

RT: 15.65 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG024927.D

Acq: 24 Nov 2016 4:17

Instrument :

BNA_G

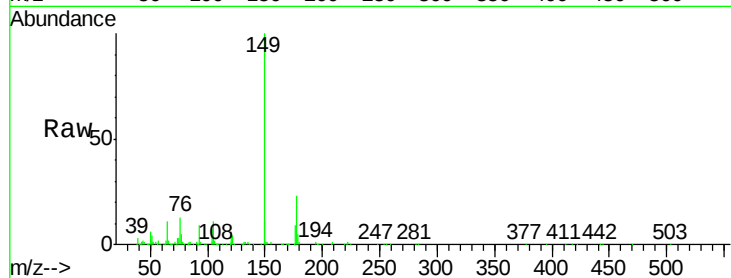
ClientSampleId :

A4WD7MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.8	26.8
150	11.3	10.2	15.4

Manual Integrations
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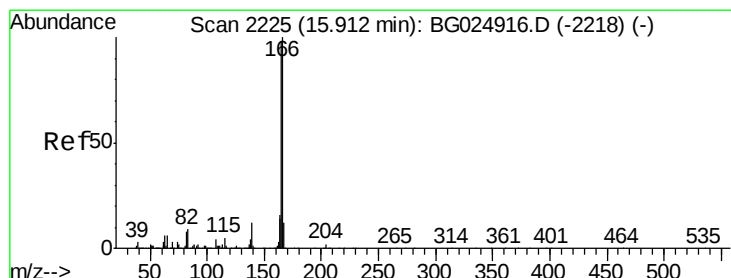
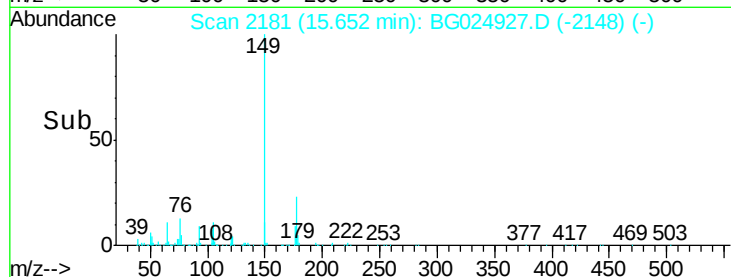
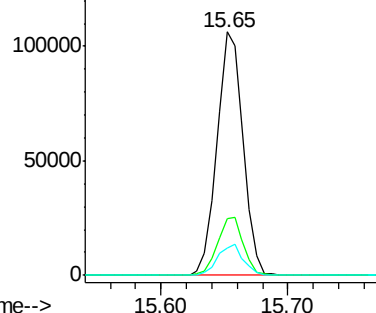
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 1.86 ng/ul

RT: 15.90 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG024927.D

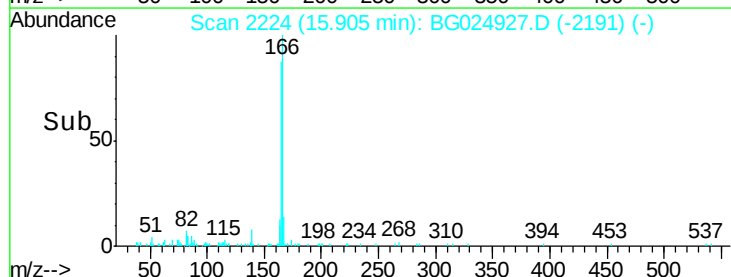
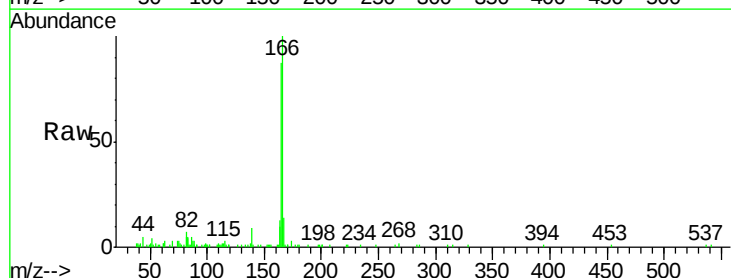
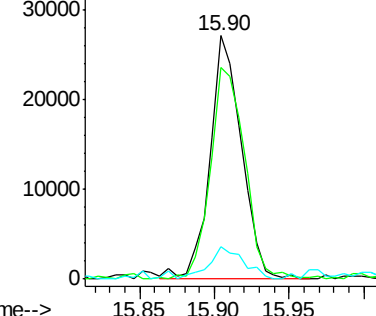
Acq: 24 Nov 2016 4:17

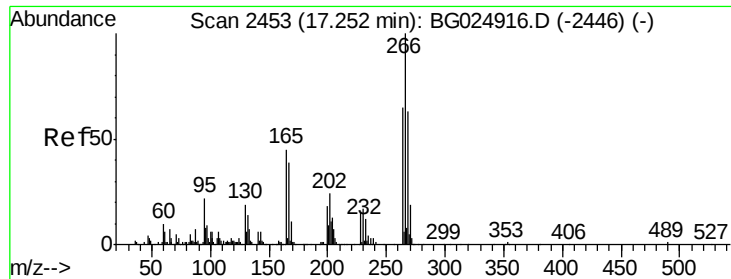
Tgt Ion	Ratio	Lower	Upper
166	100		
165	87.0	79.7	119.5
167	13.5	11.4	17.2

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





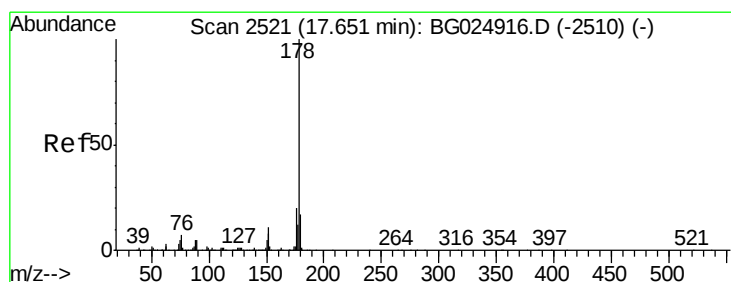
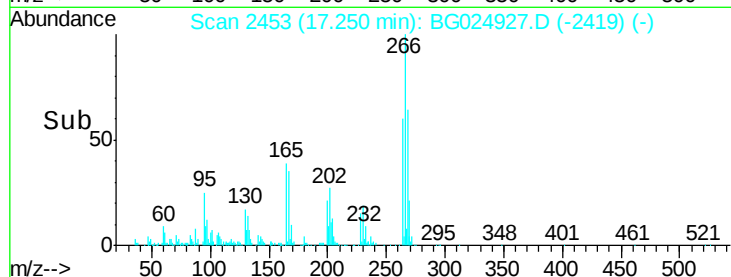
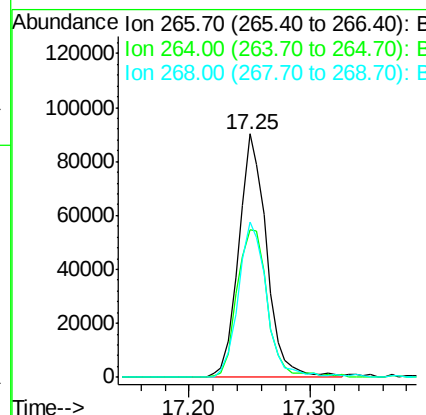
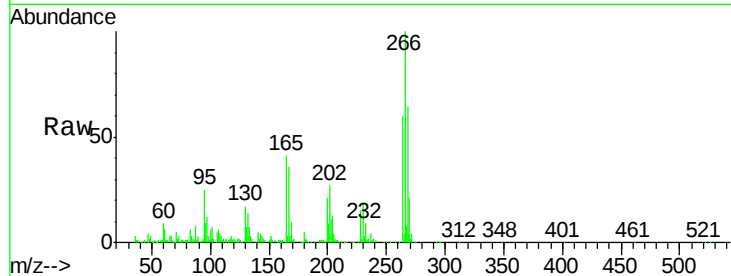
#68
 Pentachlorophenol
 Concen: 25.26 ng/ul
 RT: 17.25 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: BG024927.D
 Acq: 24 Nov 2016 4:17

Instrument :
 BNA_G
 ClientSampleId :
 A4WD7MS

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.5	47.1	70.7
268	63.8	56.2	84.4

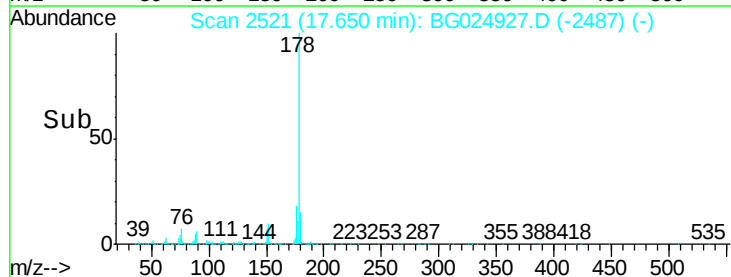
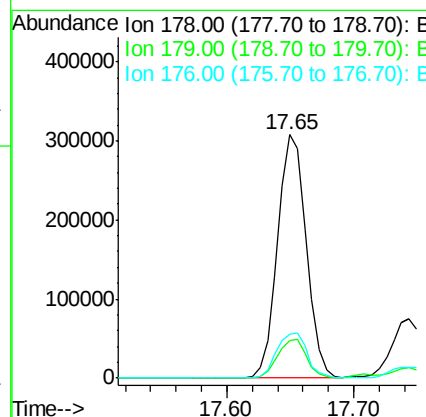
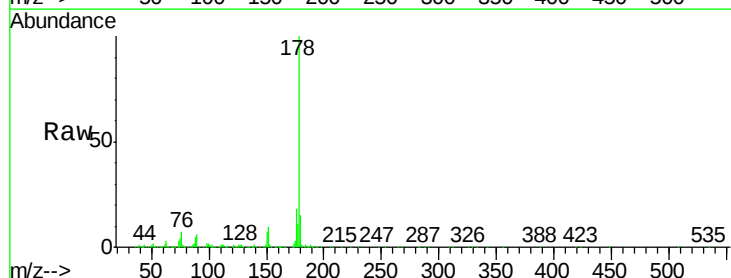
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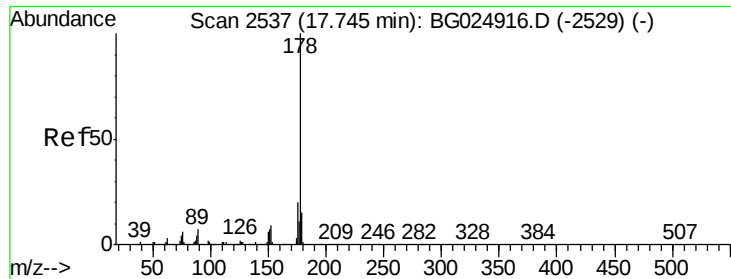
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#69
 Phenanthrene
 Concen: 13.19 ng/ul
 RT: 17.65 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: BG024927.D
 Acq: 24 Nov 2016 4:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.0	16.5	24.7





#71

Anthracene

Concen: 3.37 ng/ul

RT: 17.74 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BG024927.D

Acq: 24 Nov 2016 4:17

Instrument :

BNA_G

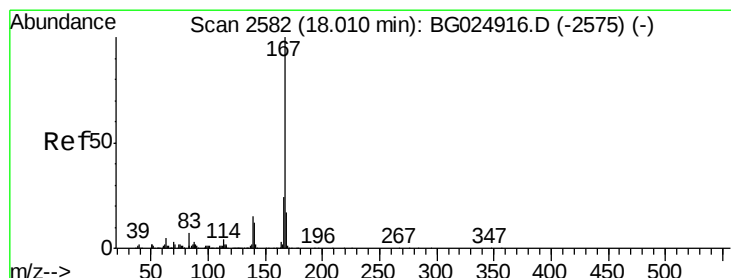
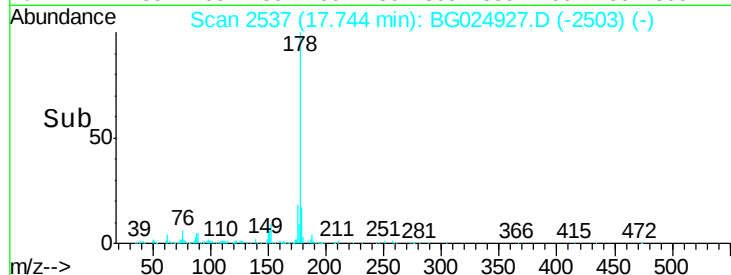
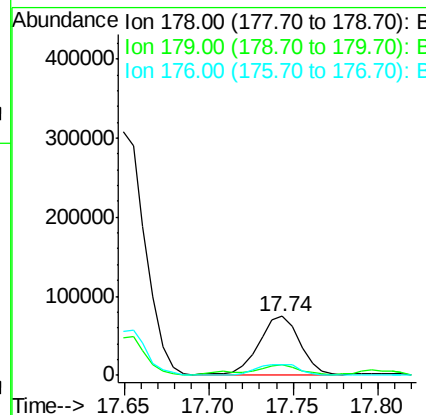
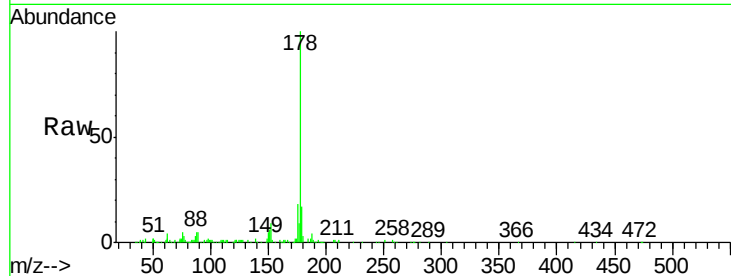
ClientSampleId :

A4WD7MS

Tgt Ion:	178	Resp:	127194
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.6	19.0
176	18.3	15.9	23.9

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#72

Carbazole

Concen: 1.60 ng/ul

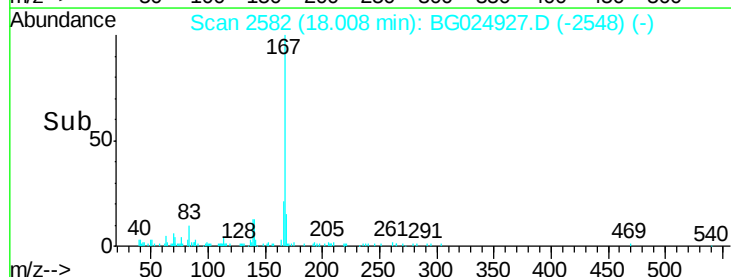
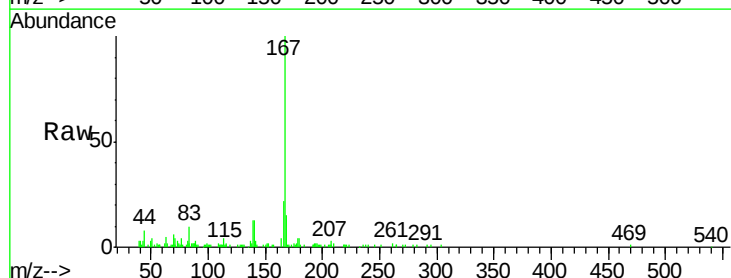
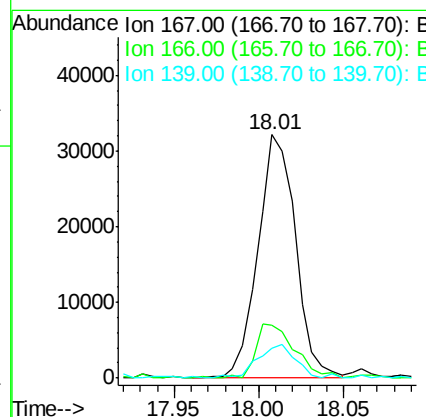
RT: 18.01 min Scan# 2582

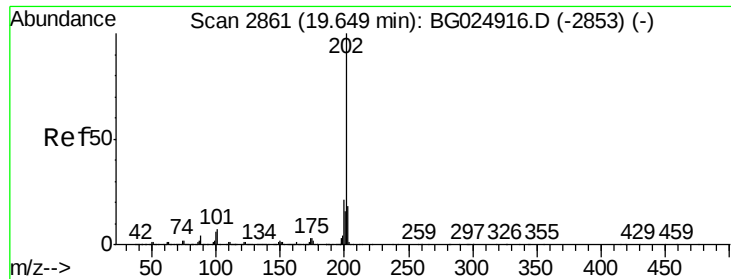
Delta R.T. -0.00 min

Lab File: BG024927.D

Acq: 24 Nov 2016 4:17

Tgt Ion:	167	Resp:	49757
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.9	26.9
139	12.5	10.5	15.7





#74

Fluoranthene

Concen: 15.06 ng/ul

RT: 19.65 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG024927.D

Acq: 24 Nov 2016 4:17

Instrument :

BNA_G

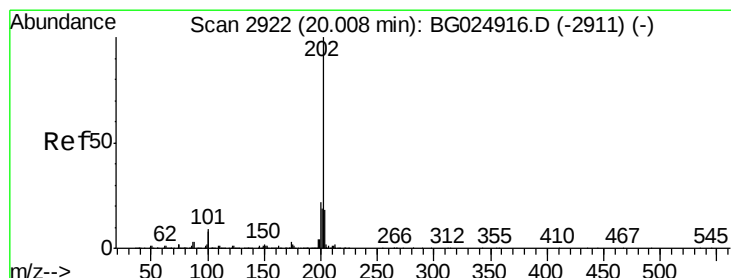
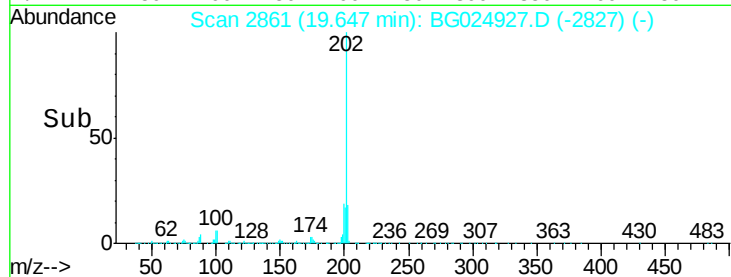
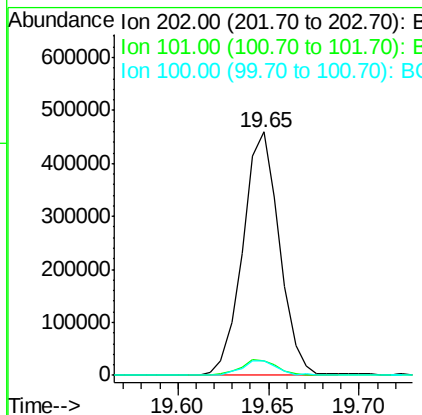
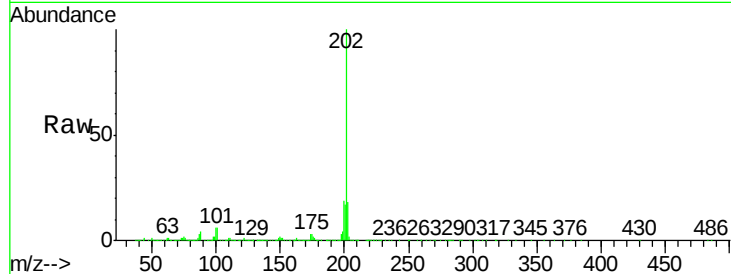
ClientSampleId :

A4WD7MS

Tgt Ion:	202	Resp:	637129
Ion Ratio	Lower	Upper	
202	100		
101	6.0	6.2	9.2#
100	6.1	5.2	7.8

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#77

Pyrene

Concen: 36.42 ng/ul

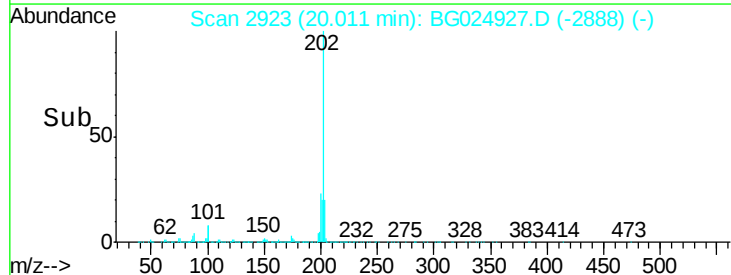
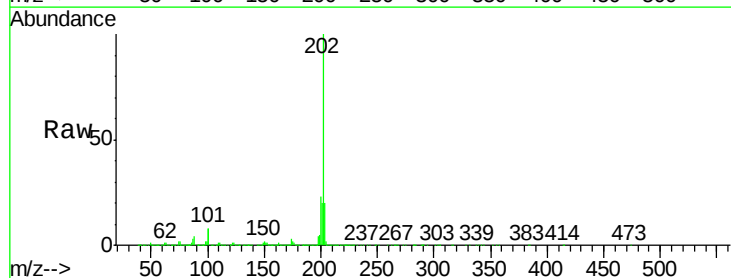
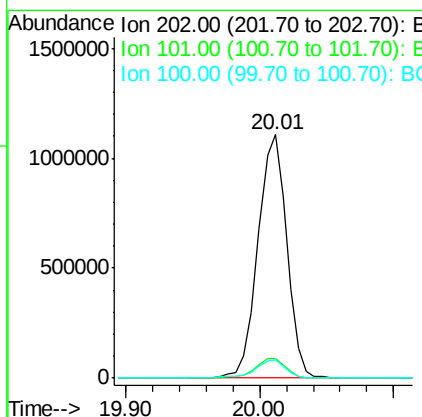
RT: 20.01 min Scan# 2923

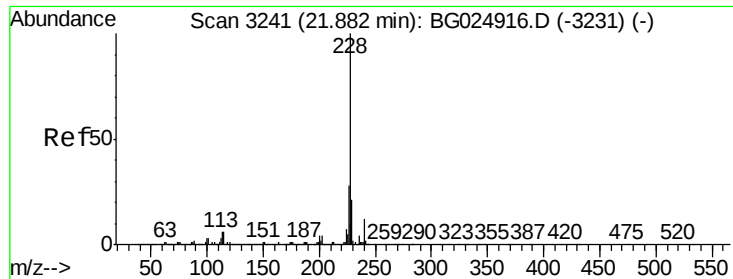
Delta R.T. 0.00 min

Lab File: BG024927.D

Acq: 24 Nov 2016 4:17

Tgt Ion:	202	Resp:	1646562
Ion Ratio	Lower	Upper	
202	100		
101	8.2	6.9	10.3
100	7.6	6.6	10.0





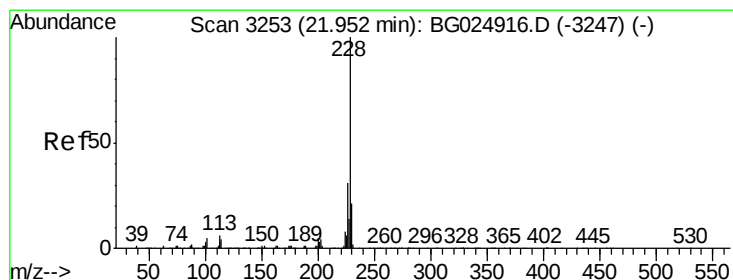
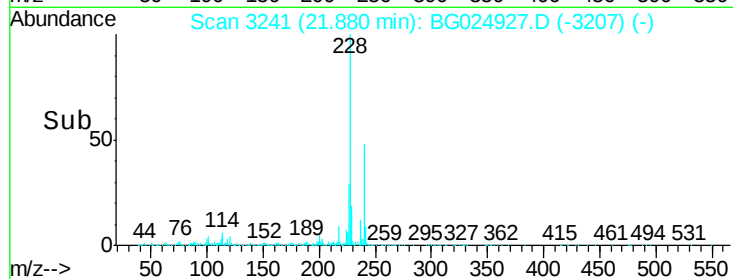
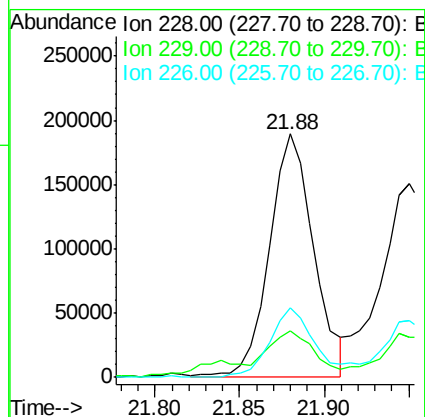
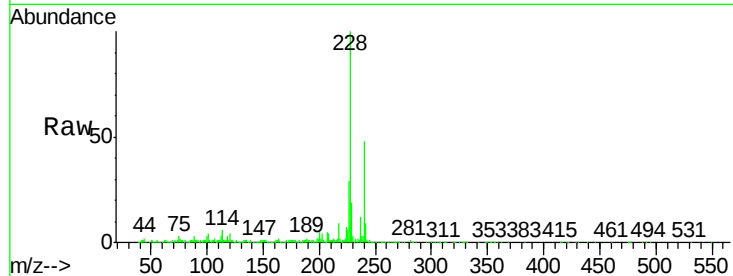
#80
Benzo(a)anthracene
Concen: 7.13 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BG024927.D
Acq: 24 Nov 2016 4:17

Instrument :
BNA_G
ClientSampleId :
A4WD7MS

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.2	16.3	24.5
226	28.8	21.9	32.9

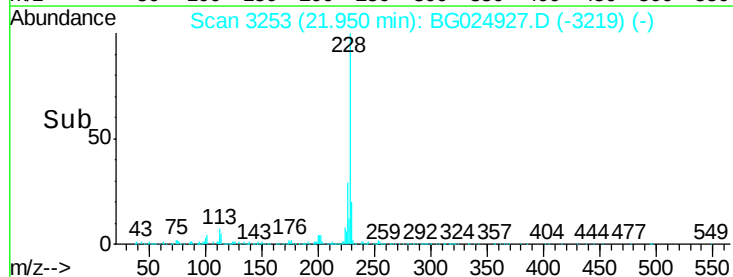
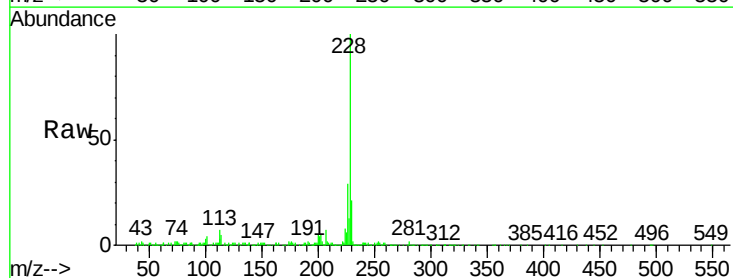
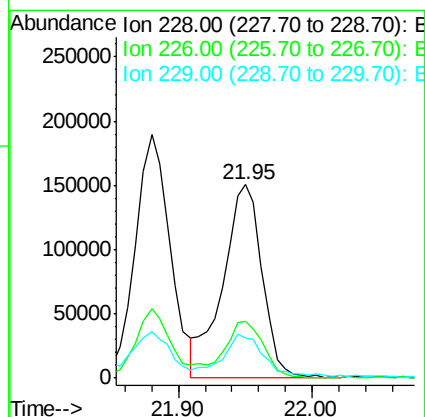
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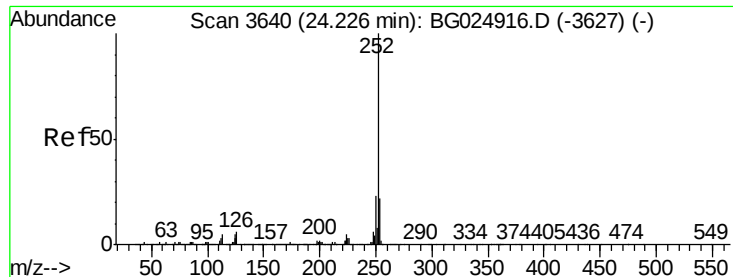
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#82
Chrysene
Concen: 6.81 ng/ul
RT: 21.95 min Scan# 3253
Delta R.T. -0.00 min
Lab File: BG024927.D
Acq: 24 Nov 2016 4:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	21.0	16.9	25.3





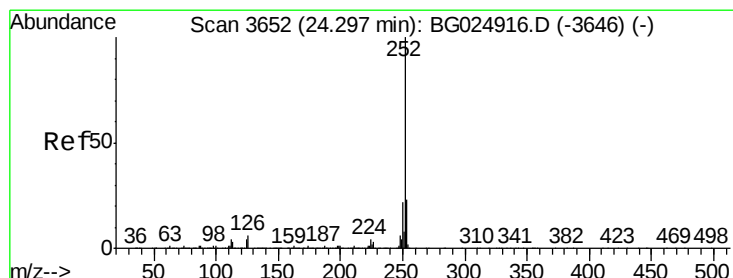
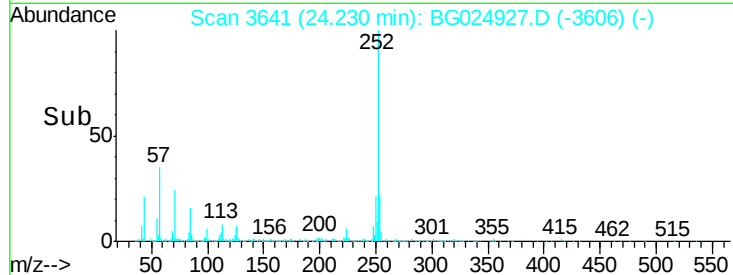
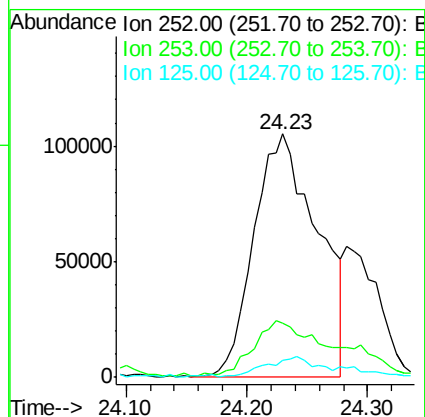
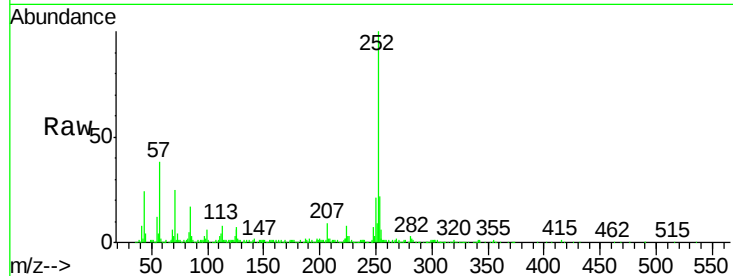
#85
Benzo(b)fluoranthene
Concen: 7.92 ng/ul
RT: 24.23 min Scan# 3641
Delta R.T. 0.00 min
Lab File: BG024927.D
Acq: 24 Nov 2016 4:17

Instrument :
BNA_G
ClientSampleId :
A4WD7MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	7.1	4.0	6.0

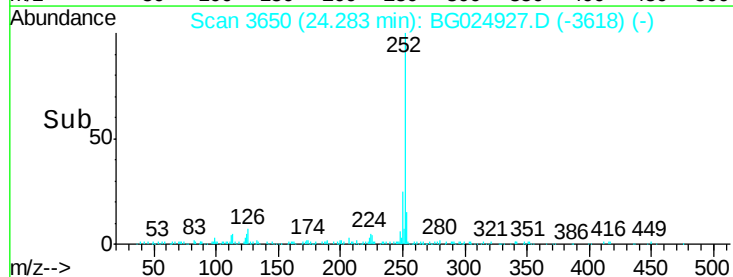
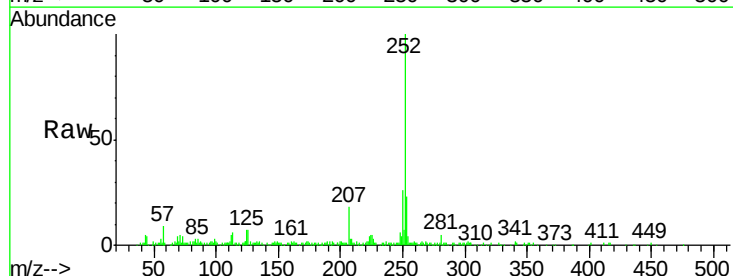
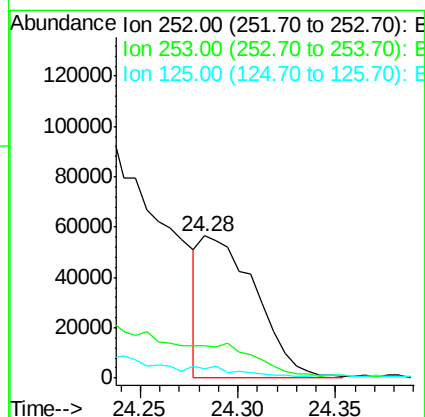
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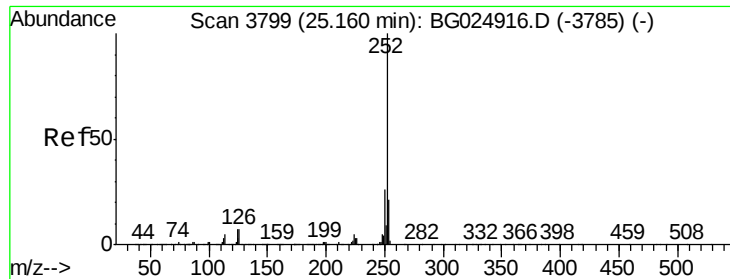
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#86
Benzo(k)fluoranthene
Concen: 2.39 ng/ul m
RT: 24.28 min Scan# 3650
Delta R.T. -0.01 min
Lab File: BG024927.D
Acq: 24 Nov 2016 4:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	6.8	4.1	6.1





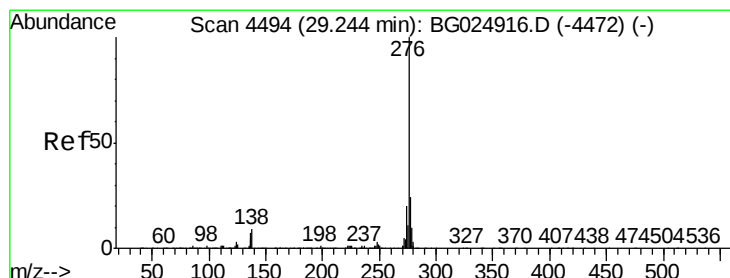
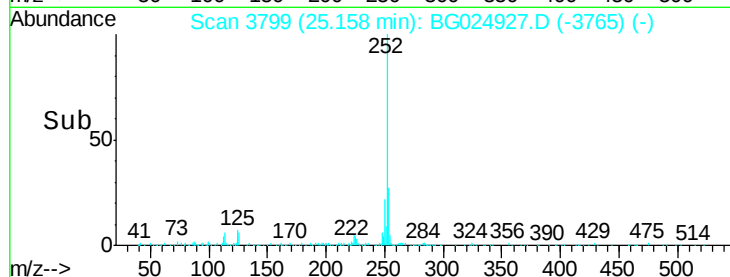
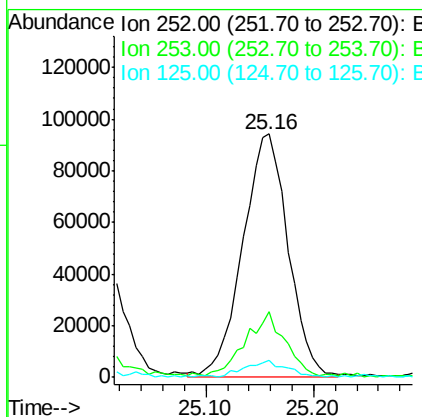
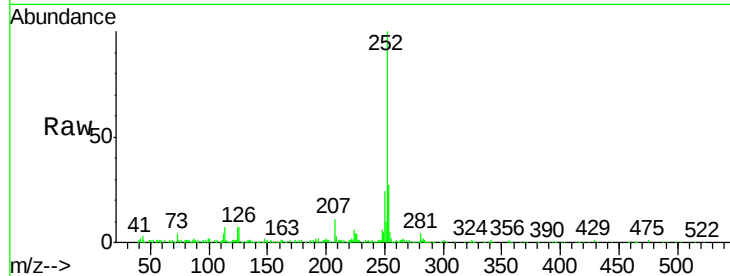
#88
Benzo(a)pyrene
Concen: 5.82 ng/ul m
RT: 25.16 min Scan# 3799
Delta R.T. -0.00 min
Lab File: BG024927.D
Acq: 24 Nov 2016 4:17

Instrument :
BNA_G
ClientSampleId :
A4WD7MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.8	26.6#
125	7.0	5.4	8.0

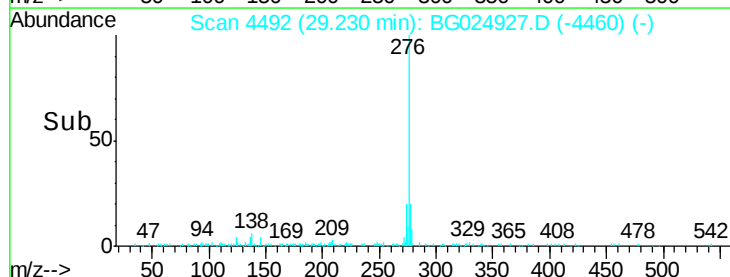
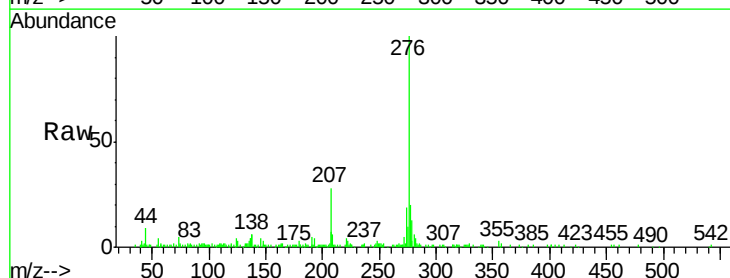
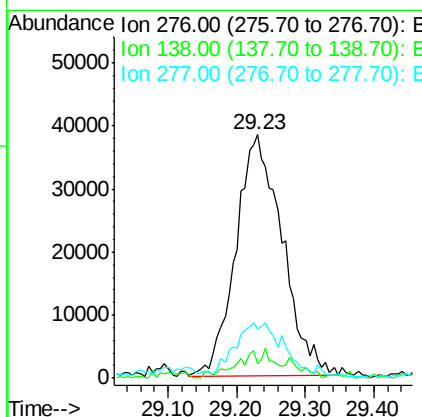
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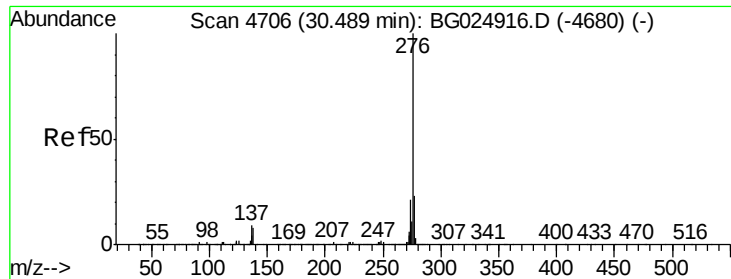
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.09 ng/ul
RT: 29.23 min Scan# 4492
Delta R.T. -0.01 min
Lab File: BG024927.D
Acq: 24 Nov 2016 4:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.1	8.2	12.4#
277	20.3	18.6	28.0





#91
 Benzo(g,h,i)perylene
 Concen: 2.78 ng/ul
 RT: 30.47 min Scan# 4703
 Delta R.T. -0.02 min
 Lab File: BG024927.D
 Acq: 24 Nov 2016 4:17

Instrument :
 BNA_G
 ClientSampleId :
 A4WD7MS

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	6.2	8.6	12.8#	
277	28.6	17.6	26.4#	

Manual Integrations
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