

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
 Data File : BG023792.D
 Acq On : 19 Aug 2016 12:51
 Operator : UM/SJ
 Sample : H4385-01DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS002-0002-01DL

Manual Integrations
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Quant Time: Aug 19 16:45:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:06:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	87879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	381469	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	257789	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	632720	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	664792	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	660591	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1261	0.65	ng/uL	0.00
5) Phenol-d5	7.25	99	29973	3.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	23553	4.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	24701	4.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	25553	3.97	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	12146	3.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	17972	5.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	23466	3.69	ng/ul	0.01
29) 4-Chloroaniline-d4	11.08	131	26877	3.46	ng/ul	0.02
43) Dimethylphthalate-d6	14.16	166	103825	4.86	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	112304	4.64	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	9203m	2.66	ng/ul	0.03
57) Fluorene-d10	15.76	176	86801	4.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.63	188	137308	4.71	ng/ul	0.00
76) Pyrene-d10	19.92	212	156868	4.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	149337	4.94	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	14.21	163	55431	2.59	ng/ul#	97
47) Acenaphthylene	14.49	152	63183	2.51	ng/ul	94
49) Acenaphthene	14.83	153	25869	1.53	ng/ul	93
53) Dibenzofuran	15.17	168	40384	1.64	ng/ul	97
58) Fluorene	15.82	166	93158	4.68	ng/ul	89
69) Phenanthrene	17.58	178	956935	28.57	ng/ul	98
71) Anthracene	17.66	178	226436	6.57	ng/ul	99
72) Carbazole	17.95	167	42024	1.50	ng/ul	94
74) Fluoranthene	19.58	202	1354753	37.97	ng/ul#	93
77) Pyrene	19.95	202	1120522m	28.52	ng/ul	
80) Benzo(a)anthracene	21.82	228	586394	15.26	ng/ul	98
82) Chrysene	21.89	228	515557m	14.91	ng/ul	
85) Benzo(b)fluoranthene	24.14	252	520493m	13.55	ng/ul	
86) Benzo(k)fluoranthene	24.21	252	233680m	6.30	ng/ul	
88) Benzo(a)pyrene	25.05	252	384232	10.42	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.10	276	227013m	5.24	ng/ul	
90) Dibenzo(a,h)anthracene	29.15	278	69566m	1.87	ng/ul	
91) Benzo(g,h,i)perylene	30.31	276	175680	4.90	ng/ul#	84

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

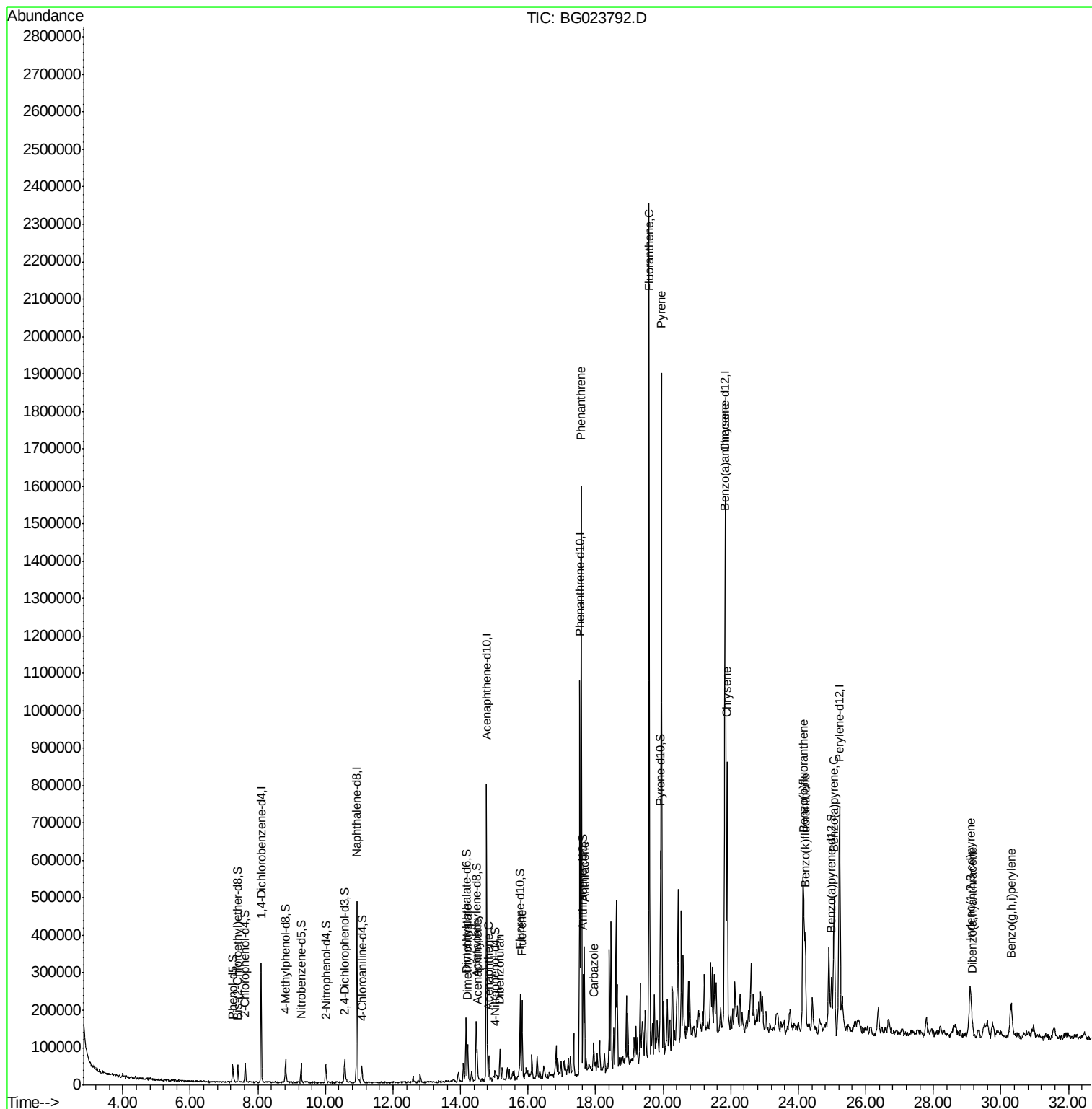
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
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ALS Vial : 47 Sample Multiplier: 1

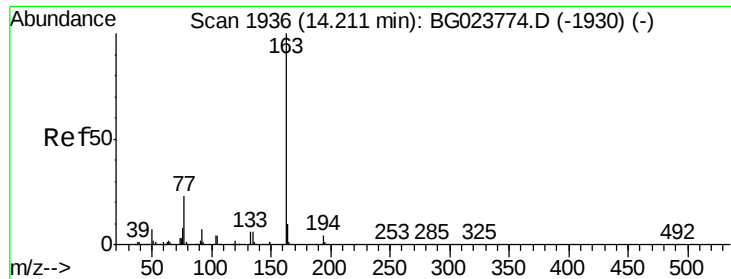
Instrument :
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P002-SS002-0002-01DL

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Quant Title : SVOA CALIBRATION
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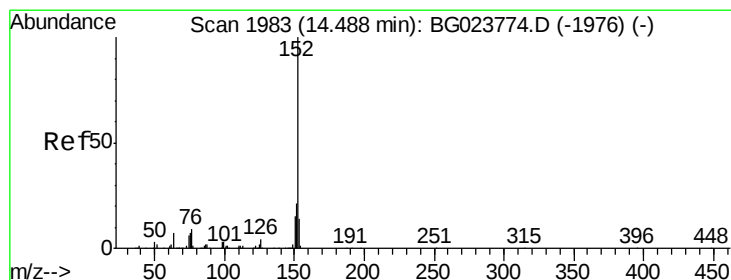
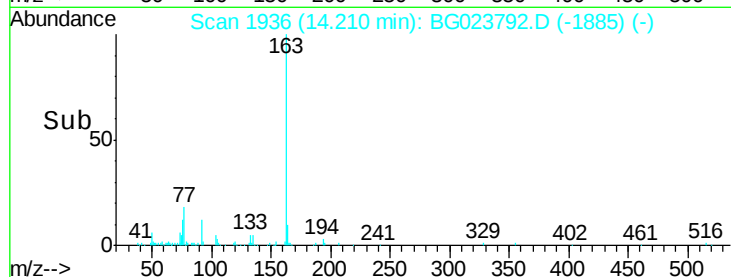
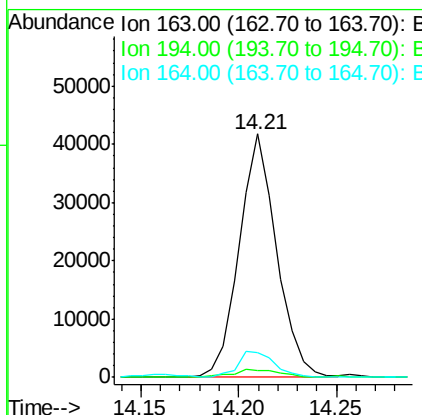
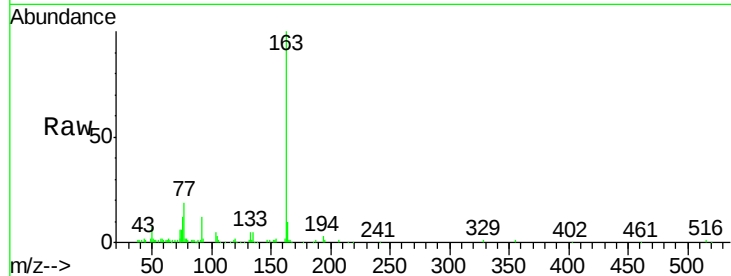
#44
Dimethylphthalate
Concen: 2.59 ng/ul
RT: 14.21 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG023792.D
Acq: 19 Aug 2016 12:51

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.4	5.2#
164	10.2	8.8	13.2

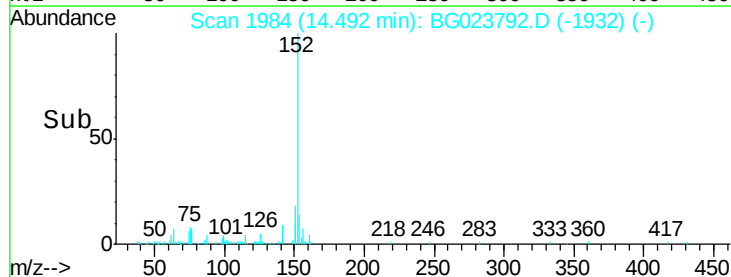
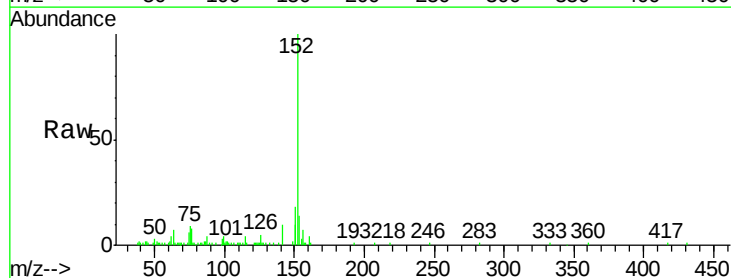
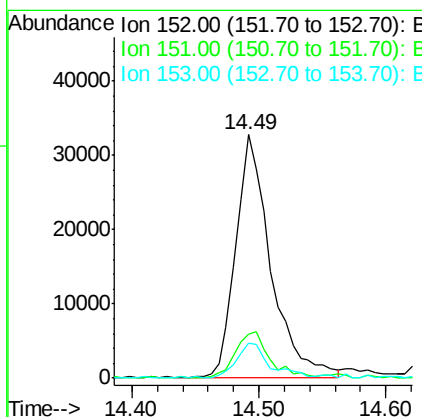
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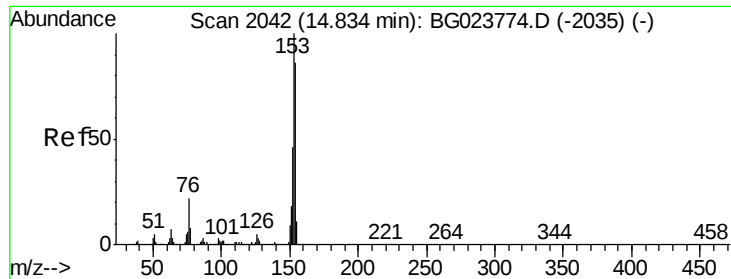
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#47
Acenaphthylene
Concen: 2.51 ng/ul
RT: 14.49 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG023792.D
Acq: 19 Aug 2016 12:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.8	17.5	26.3
153	14.2	11.1	16.7





#49

Acenaphthene

Concen: 1.53 ng/ul

RT: 14.83 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG023792.D

Acq: 19 Aug 2016 12:51

Instrument :

BNA_G

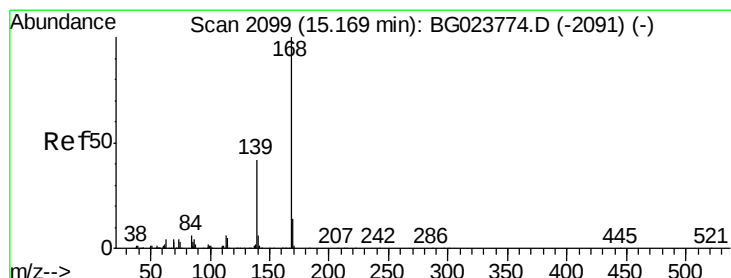
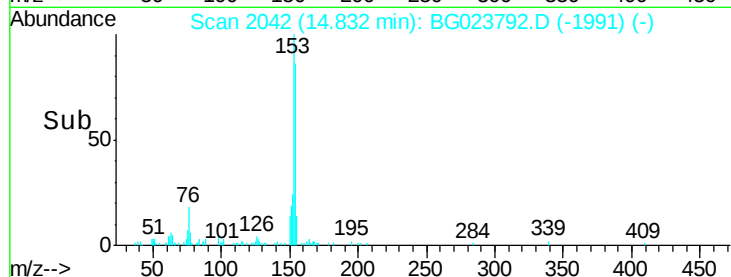
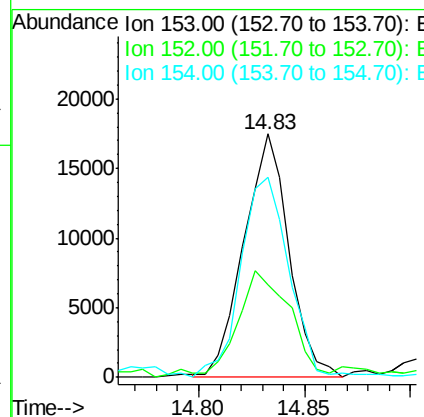
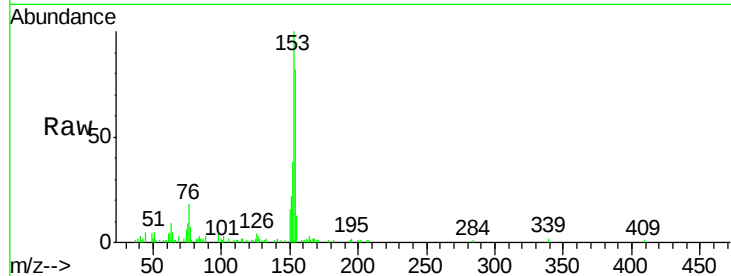
ClientSampleId :

P002-SS002-0002-01DL

Tot Ion:	153	Resp:	25869
Ion Ratio	Lower	Upper	
153	100		
152	38.1	37.3	55.9
154	82.1	68.2	102.2

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#53

Dibenzofuran

Concen: 1.64 ng/ul

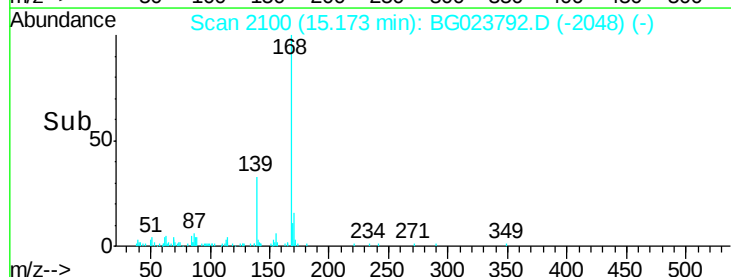
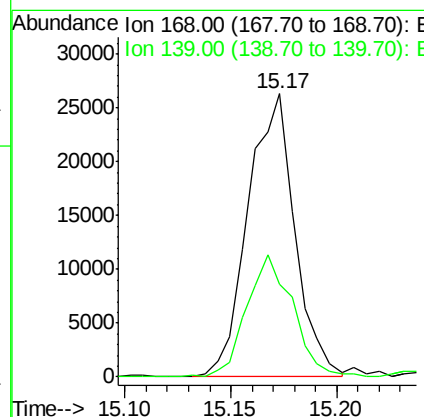
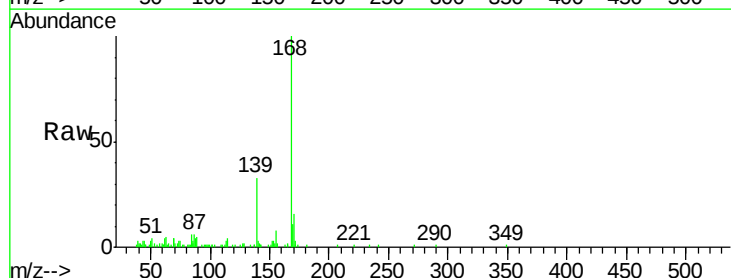
RT: 15.17 min Scan# 2100

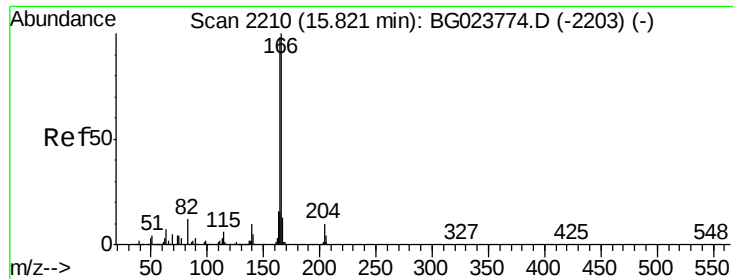
Delta R.T. 0.00 min

Lab File: BG023792.D

Acq: 19 Aug 2016 12:51

Tgt Ion:	168	Resp:	40384
Ion Ratio	Lower	Upper	
168	100		
139	32.6	27.4	41.0





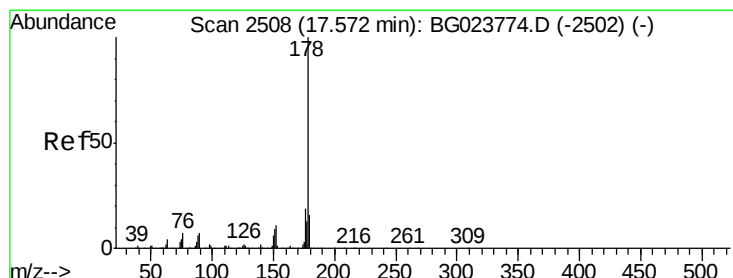
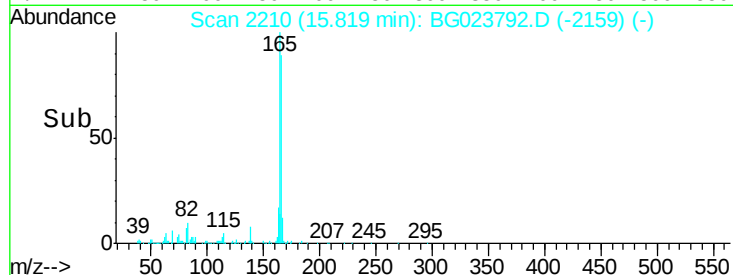
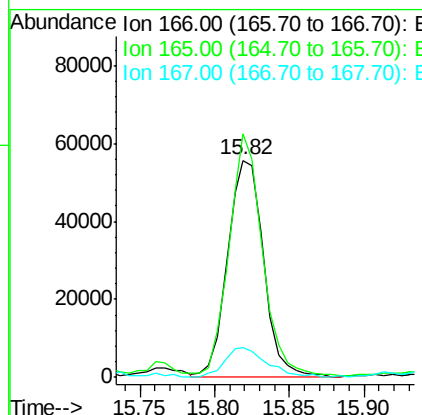
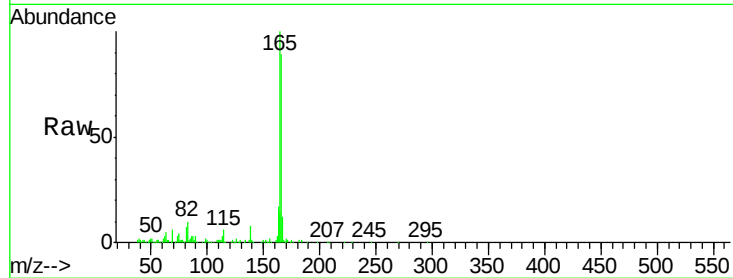
#58
 Fluorene
 Concen: 4.68 ng/ul
 RT: 15.82 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG023792.D
 Acq: 19 Aug 2016 12:51

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS002-0002-01DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	112.3	80.3	120.5
167	13.7	10.3	15.5

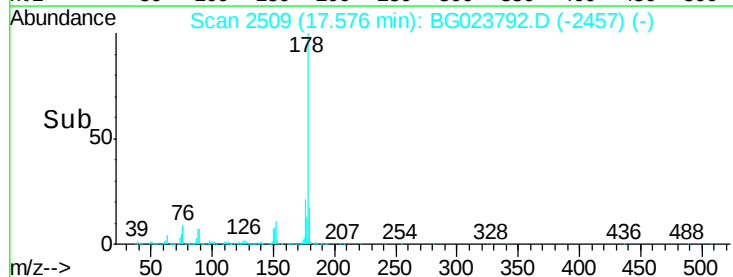
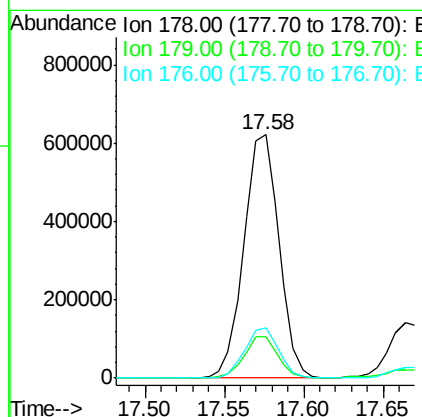
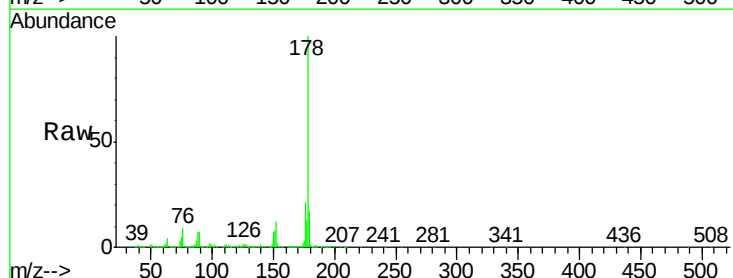
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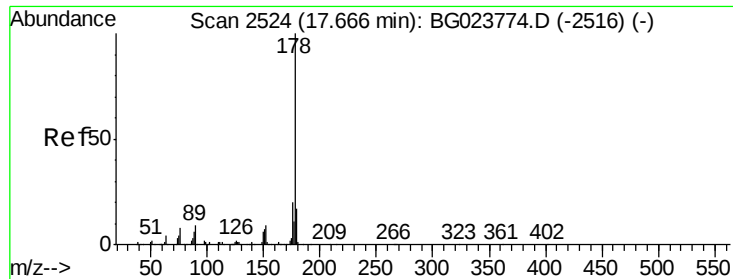
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#69
 Phenanthrene
 Concen: 28.57 ng/ul
 RT: 17.58 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: BG023792.D
 Acq: 19 Aug 2016 12:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.9	19.3
176	20.9	15.8	23.8





#71

Anthracene

Concen: 6.57 ng/ul

RT: 17.66 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BG023792.D

Acq: 19 Aug 2016 12:51

Instrument :

BNA_G

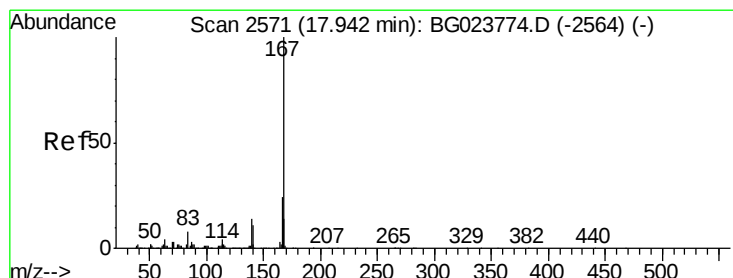
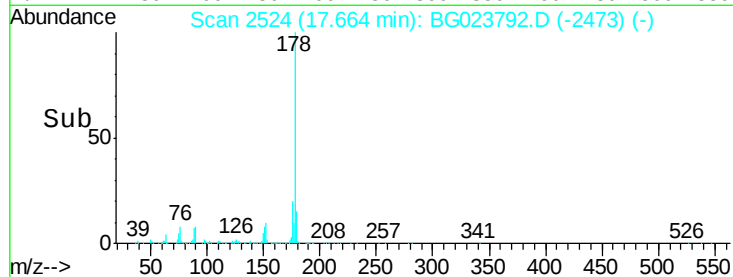
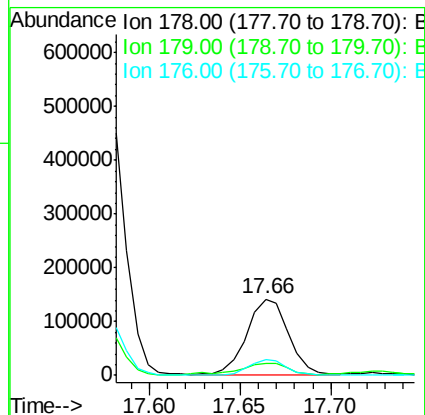
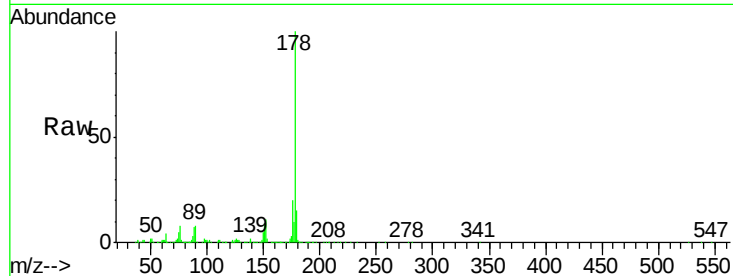
ClientSampleId :

P002-SS002-0002-01DL

Tot Ion:	178	Resp:	226436
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	20.1	16.3	24.5

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#72

Carbazole

Concen: 1.50 ng/ul

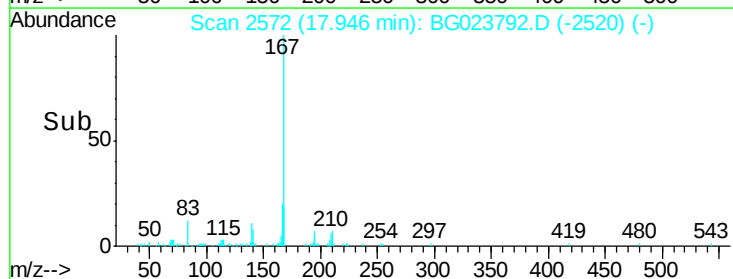
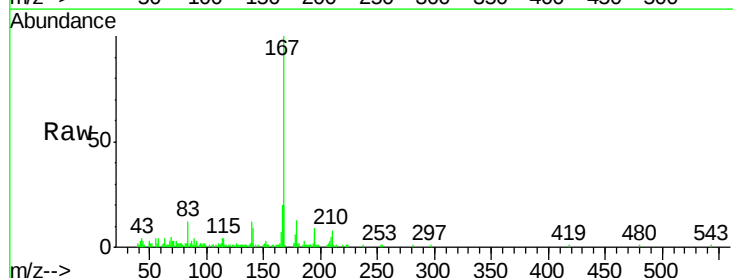
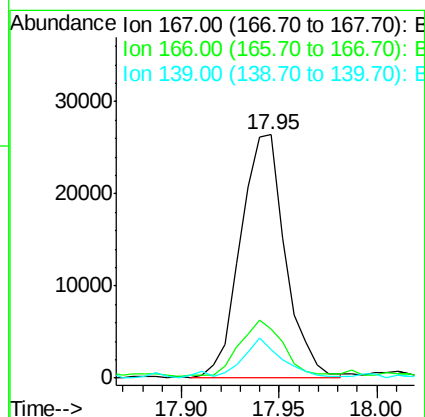
RT: 17.95 min Scan# 2572

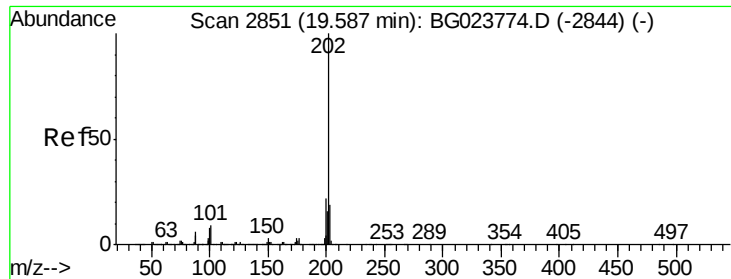
Delta R.T. 0.00 min

Lab File: BG023792.D

Acq: 19 Aug 2016 12:51

Tgt Ion:	167	Resp:	42024
Ion Ratio	Lower	Upper	
167	100		
166	20.1	19.2	28.8
139	11.6	10.2	15.4





#74

Fluoranthene

Concen: 37.97 ng/ul

RT: 19.58 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG023792.D

Acq: 19 Aug 2016 12:51

Instrument :

BNA_G

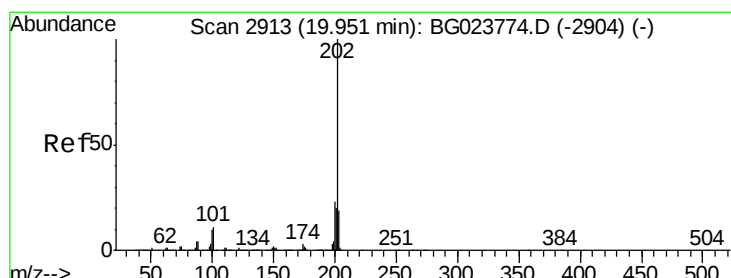
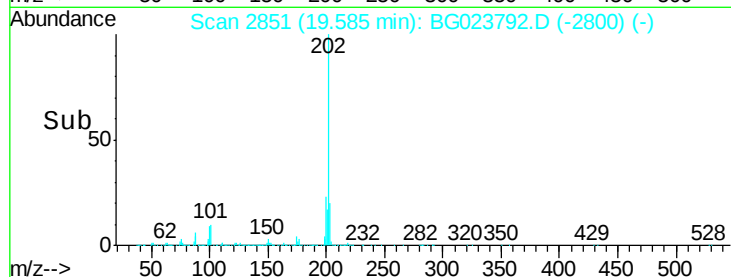
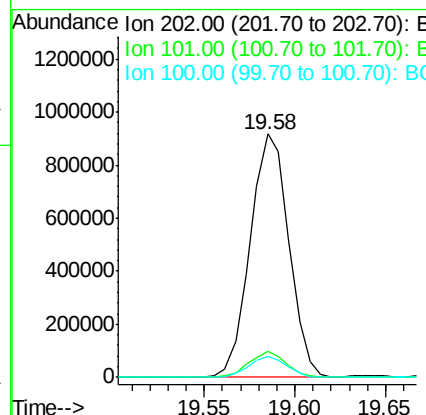
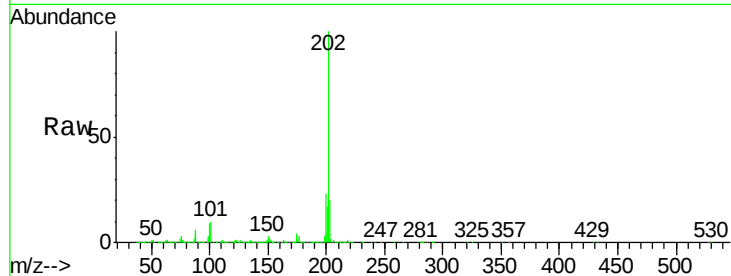
ClientSampleId :

P002-SS002-0002-01DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.6	16.0#
100	8.7	8.7	13.1

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#77

Pyrene

Concen: 28.52 ng/ul m

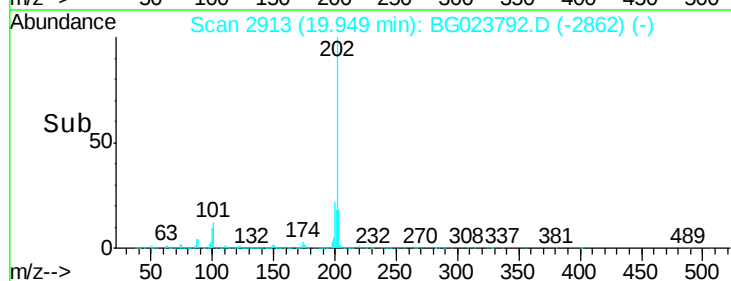
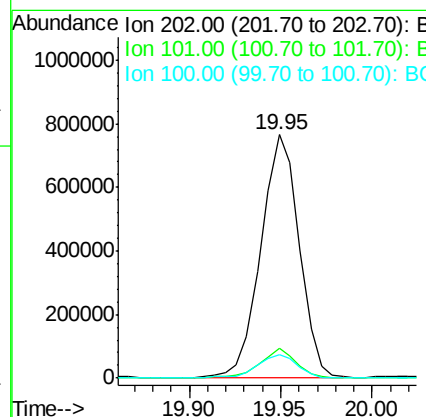
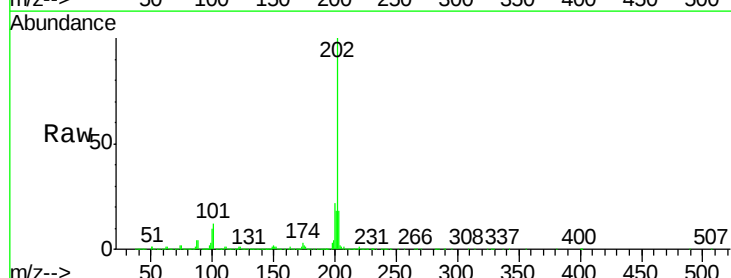
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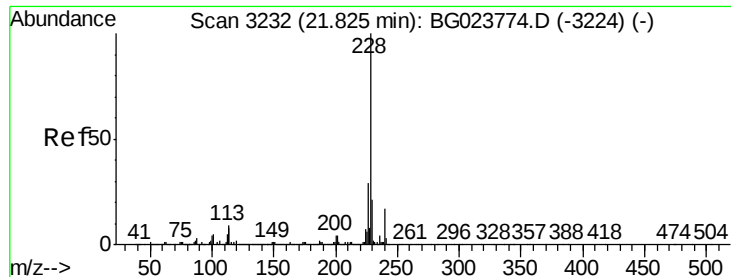
Delta R.T. -0.00 min

Lab File: BG023792.D

Acq: 19 Aug 2016 12:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	12.5	18.7#
100	9.6	10.2	15.4#





#80

Benzo(a)anthracene

Concen: 15.26 ng/ul

RT: 21.82 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BG023792.D

Acq: 19 Aug 2016 12:51

Instrument :

BNA_G

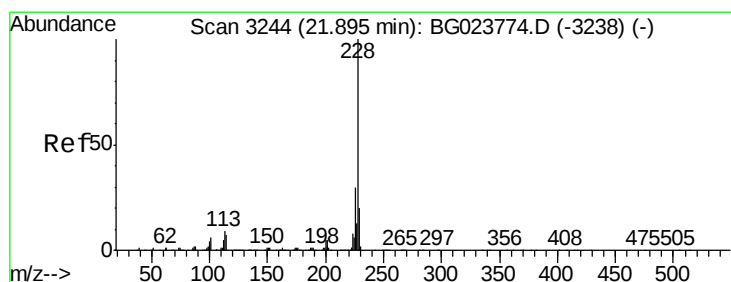
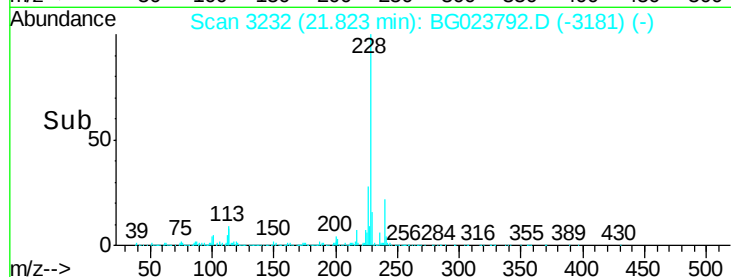
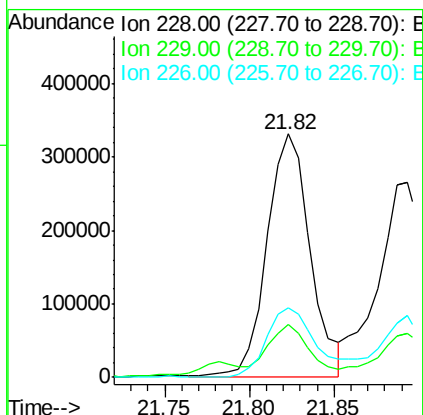
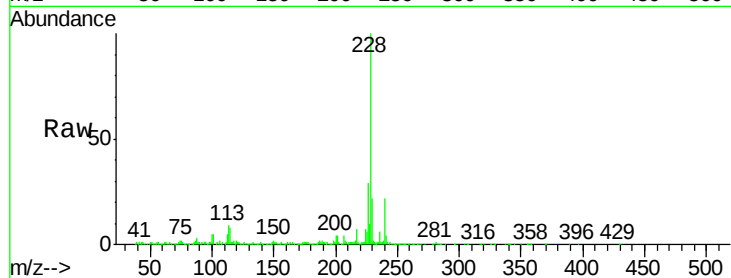
ClientSampleId :

P002-SS002-0002-01DL

Tot Ion:	228	Resp:	586394
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.4	23.2
226	28.6	22.8	34.2

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#82

Chrysene

Concen: 14.91 ng/ul m

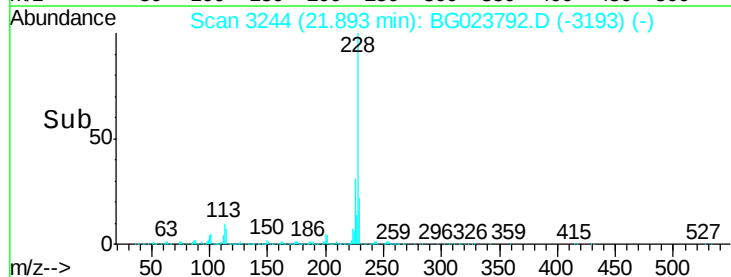
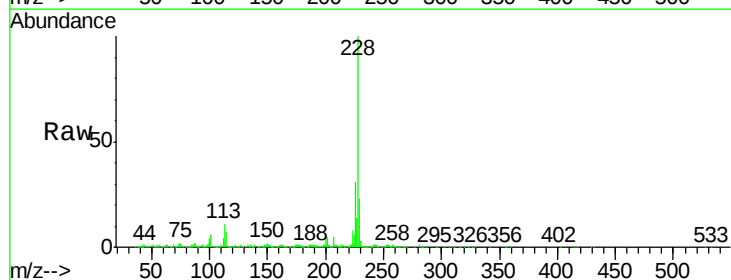
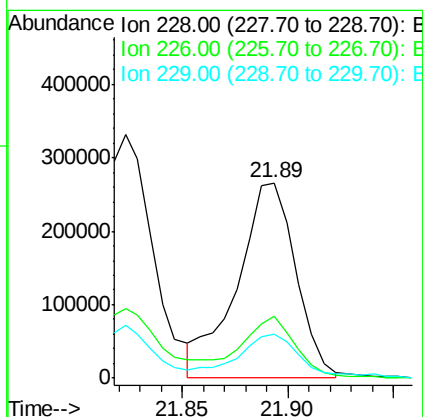
RT: 21.89 min Scan# 3244

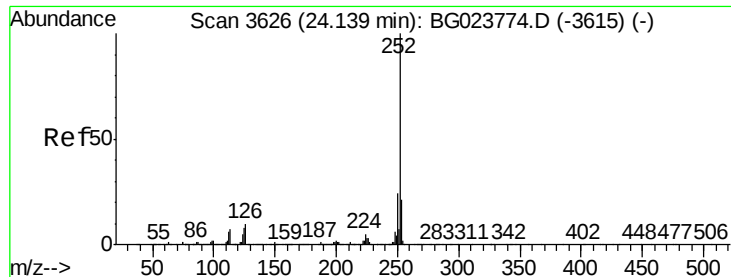
Delta R.T. -0.00 min

Lab File: BG023792.D

Acq: 19 Aug 2016 12:51

Tgt Ion:	228	Resp:	515557
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.2	36.4
229	22.7	15.0	22.6#





#85

Benzo(b)fluoranthene

Concen: 13.55 ng/ul m

RT: 24.14 min Scan# 3627

Delta R.T. 0.00 min

Lab File: BG023792.D

Acq: 19 Aug 2016 12:51

Instrument :

BNA_G

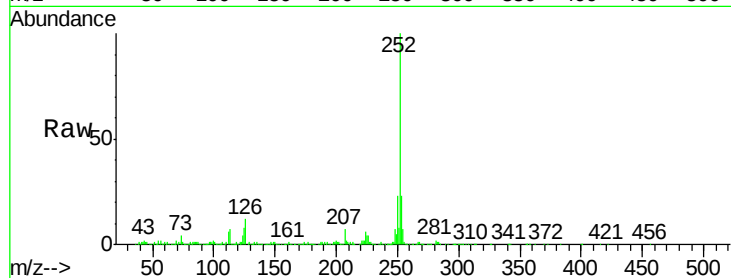
ClientSampleId :

P002-SS002-0002-01DL

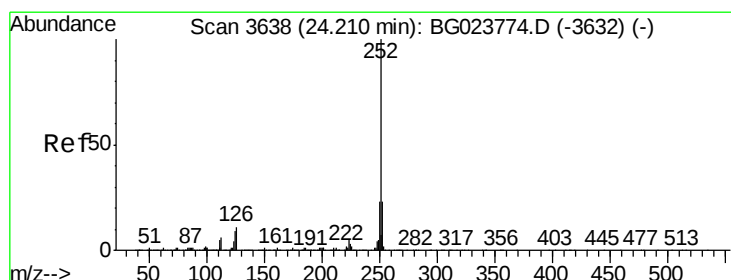
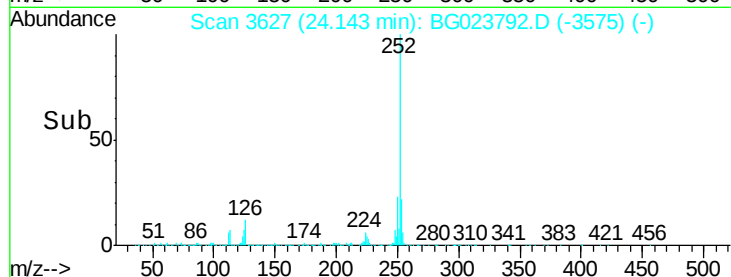
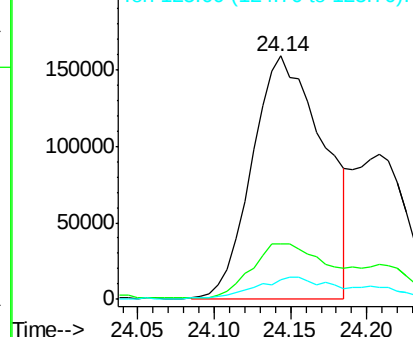
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	18.2	27.2
125	8.0	10.8	16.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 6.30 ng/ul m

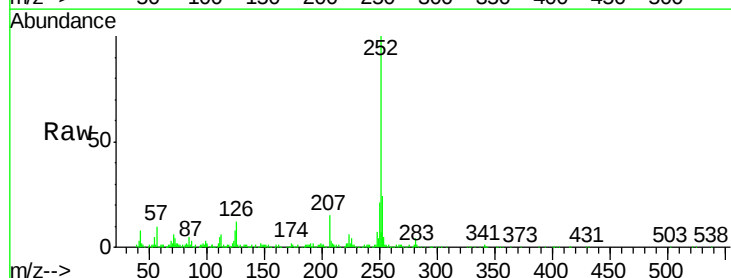
RT: 24.21 min Scan# 3638

Delta R.T. -0.00 min

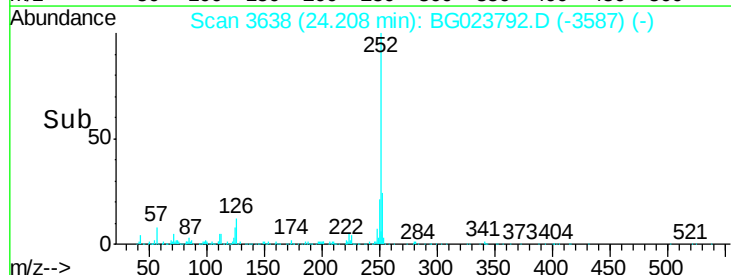
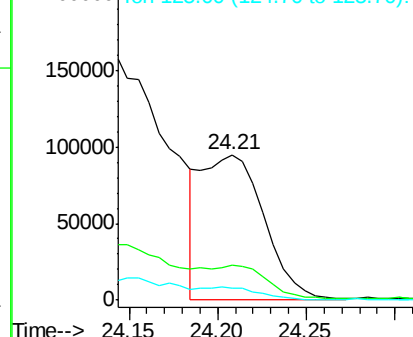
Lab File: BG023792.D

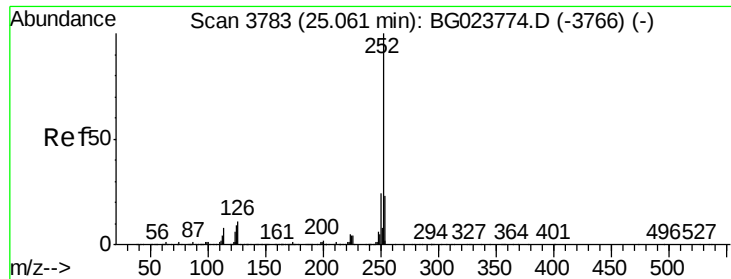
Acq: 19 Aug 2016 12:51

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	15.8	23.6
125	8.2	10.6	16.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





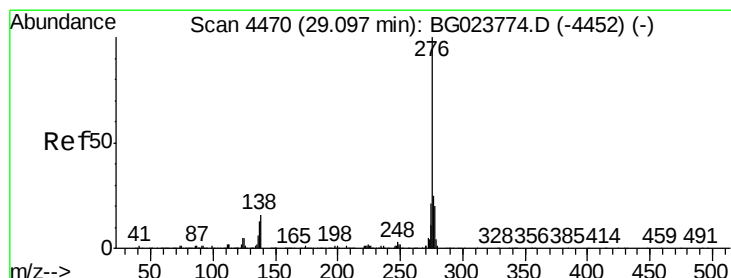
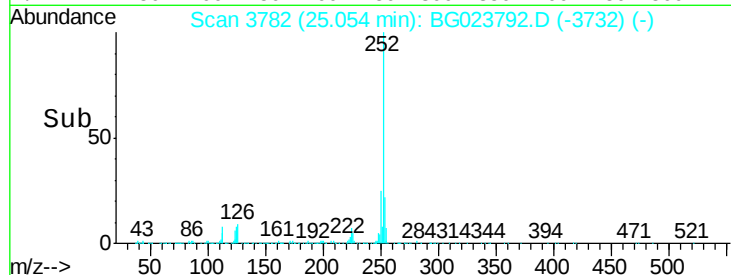
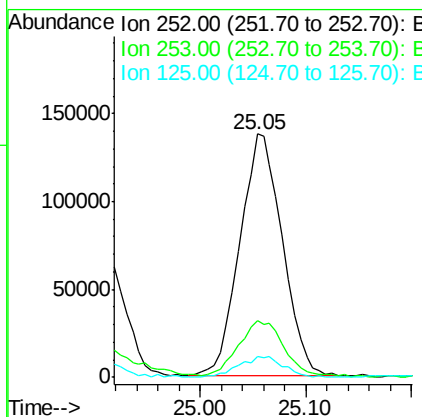
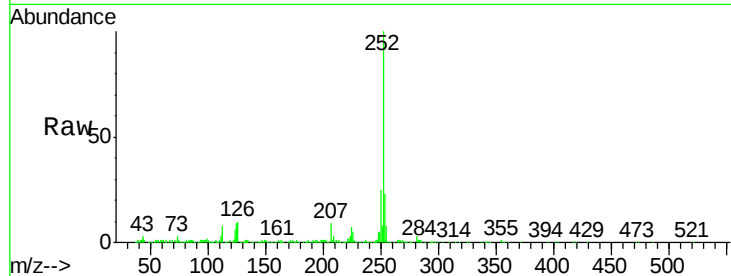
#88
Benzo(a)pyrene
Concen: 10.42 ng/ul
RT: 25.05 min Scan# 3782
Delta R.T. -0.01 min
Lab File: BG023792.D
Acq: 19 Aug 2016 12:51

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	19.0	28.4
125	8.8	12.0	18.0

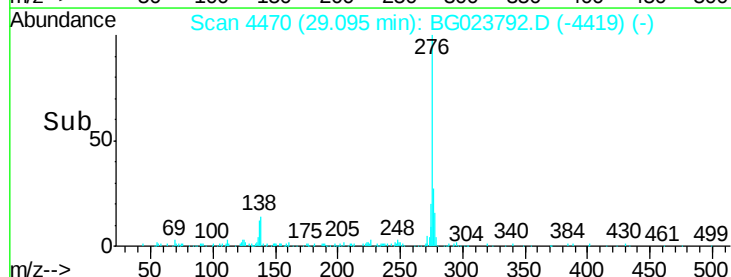
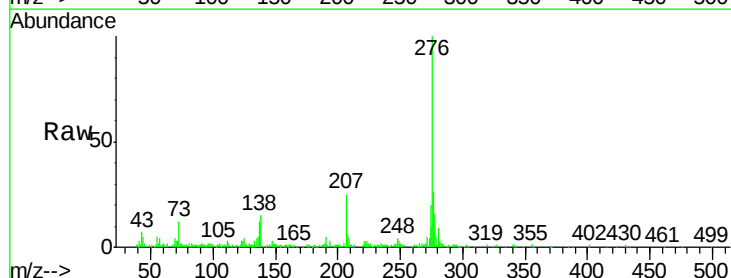
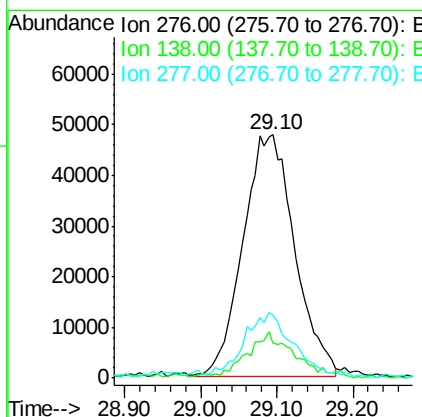
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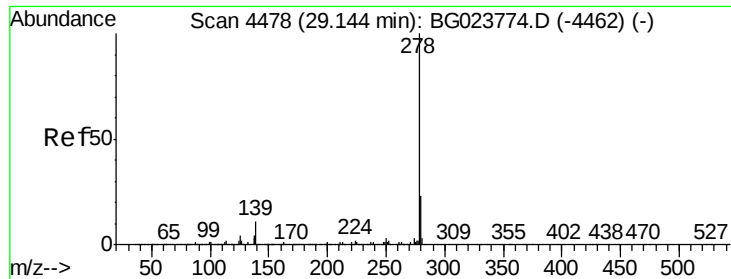
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#89
Indeno(1,2,3-cd)pyrene
Concen: 5.24 ng/ul m
RT: 29.10 min Scan# 4470
Delta R.T. -0.00 min
Lab File: BG023792.D
Acq: 19 Aug 2016 12:51

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.6	20.8	31.2
277	25.9	17.6	26.4





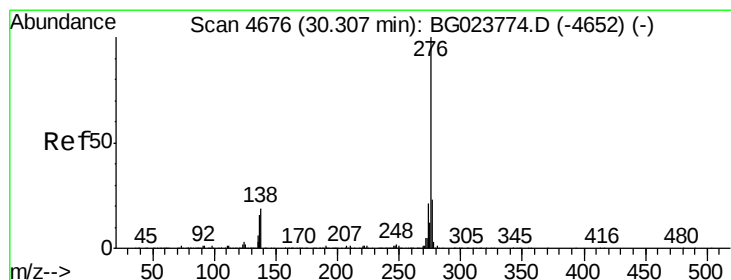
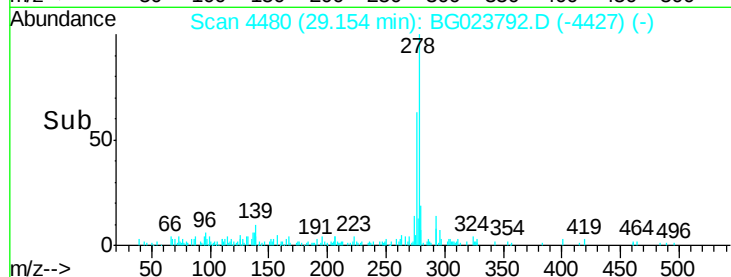
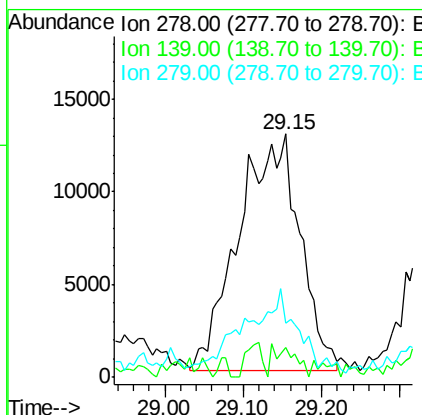
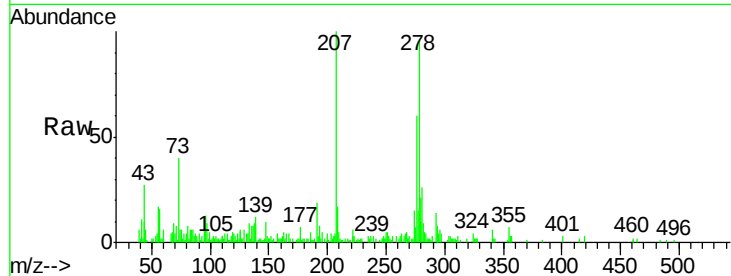
#90
Dibenzo(a,h)anthracene
Concen: 1.87 ng/ul m
RT: 29.15 min Scan# 4480
Delta R.T. 0.01 min
Lab File: BG023792.D
Acq: 19 Aug 2016 12:51

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	16.3	24.5#
279	22.1	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.90 ng/ul
RT: 30.31 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BG023792.D
Acq: 19 Aug 2016 12:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	22.1	33.1#
277	22.0	17.0	25.4

