

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023559.D
 Acq On : 9 Aug 2016 16:46
 Operator : UM/SJ
 Sample : H4362-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS005-0002-01MSD

Manual Integrations
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Quant Time: Aug 10 05:26:28 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	141740	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.95	136	679318	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	506833	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1255285	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1276069m	20.00	ng/ul	0.01
83) Perylene-d12	25.28	264	1234420	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	6580m	1.97	ng/uL	0.00
5) Phenol-d5	7.27	99	292657	20.50	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	201621	22.04	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	202641	20.80	ng/ul	-0.03
13) 4-Methylphenol-d8	8.83	113	220148	19.75	ng/ul	-0.02
19) Nitrobenzene-d5	9.28	128	112210	20.96	ng/ul	-0.03
22) 2-Nitrophenol-d4	10.02	143	135930	22.10	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	243668m	21.01	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	298592	21.94	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	914073	22.03	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1033702	22.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	146368	20.66	ng/ul	0.00
57) Fluorene-d10	15.78	176	855451	22.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	164818	20.47	ng/ul	0.00
70) Anthracene-d10	17.65	188	1293376	22.87	ng/ul	0.00
76) Pyrene-d10	19.94	212	1443640	22.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	1287666	23.05	ng/ul	0.03

Target Compounds

						Qvalue
6) Phenol	7.29	94	309428	20.81	ng/ul#	77
10) 2-Chlorophenol	7.67	128	203592	20.52	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.92	70	241249	22.43	ng/ul#	86
33) 4-Chloro-3-methylphenol	12.23	107	329064	21.86	ng/ul#	81
44) Dimethylphthalate	14.22	163	492530	11.99	ng/ul	99
49) Acenaphthene	14.85	153	743291	22.33	ng/ul	97
52) 4-Nitrophenol	15.01	109	142719	20.11	ng/ul#	74
54) 2,4-Dinitrotoluene	15.15	165	299103	22.16	ng/ul#	78
68) Pentachlorophenol	17.20	266	187761	22.19	ng/ul	97
69) Phenanthrene	17.59	178	102193	1.57	ng/ul	95
74) Fluoranthene	19.61	202	216310m	3.25	ng/ul	
77) Pyrene	19.98	202	1863496	23.62	ng/ul#	94
80) Benzo(a)anthracene	21.85	228	94246m	1.31	ng/ul	
82) Chrysene	21.93	228	86549	1.32	ng/ul	97
85) Benzo(b)fluoranthene	24.19	252	113627	1.62	ng/ul#	88
88) Benzo(a)pyrene	25.12	252	82310m	1.21	ng/ul	

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

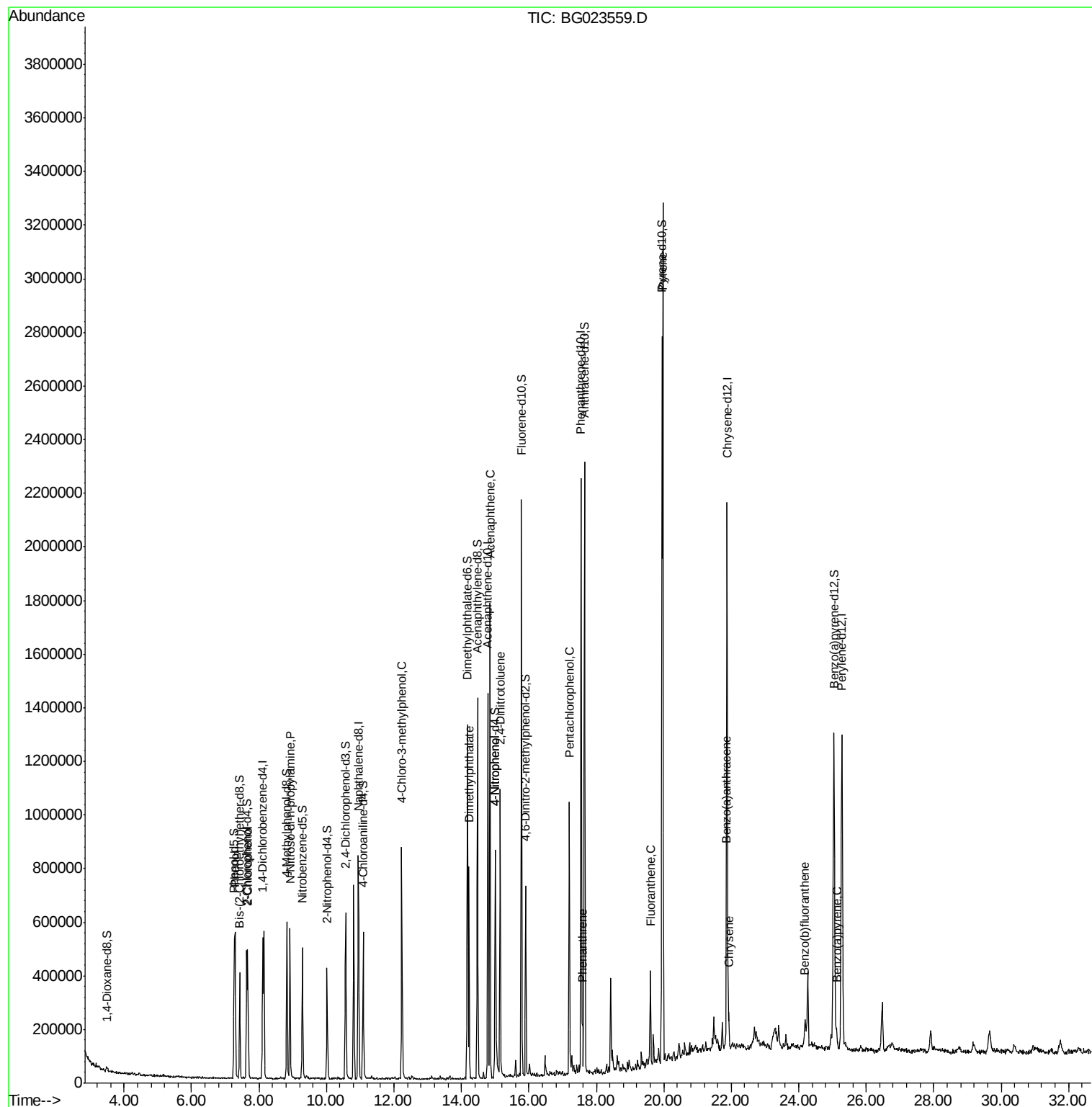
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023559.D
Acq On : 9 Aug 2016 16:46
Operator : UM/SJ
Sample : H4362-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

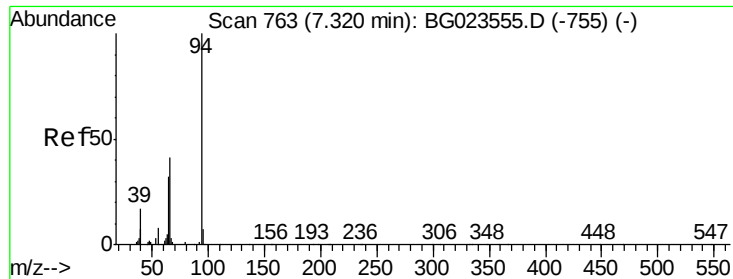
Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MSD

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration





#6

Phenol

Concen: 20.81 ng/ul

RT: 7.29 min Scan# 758

Delta R.T. -0.03 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

Instrument :

BNA_G

ClientSampleId :

PR001-SS005-0002-01MSD

Tgt Ion: 94 Resp: 309428

Ion Ratio Lower Upper

94 100

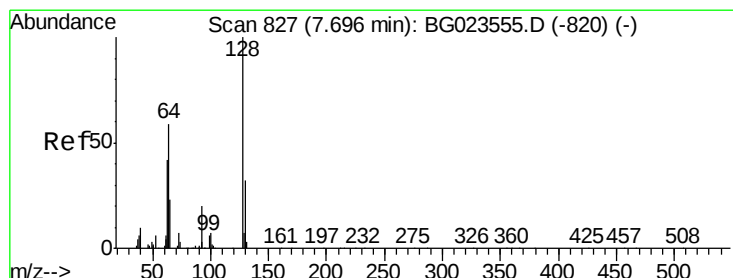
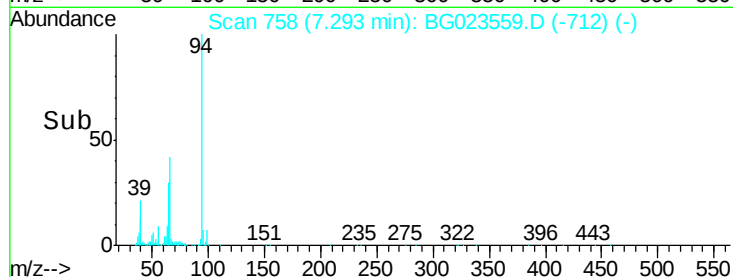
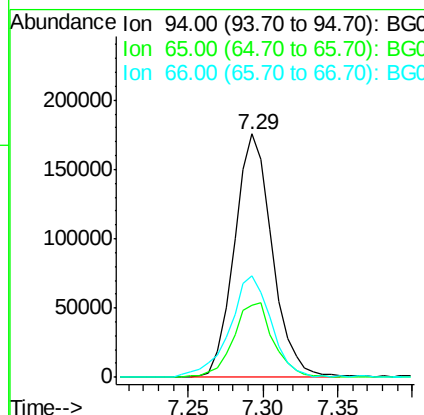
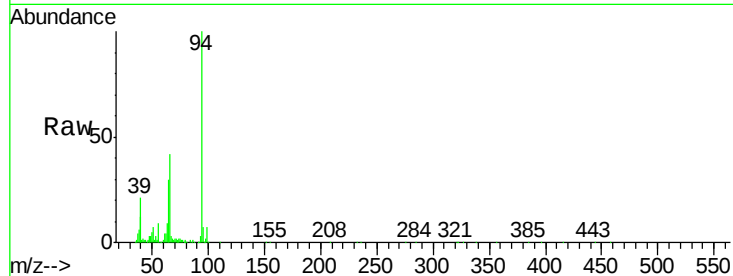
65 29.6 16.8 25.2#

66 41.9 22.6 33.8#

Manual Integrations
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#10

2-Chlorophenol

Concen: 20.52 ng/ul

RT: 7.67 min Scan# 822

Delta R.T. -0.03 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

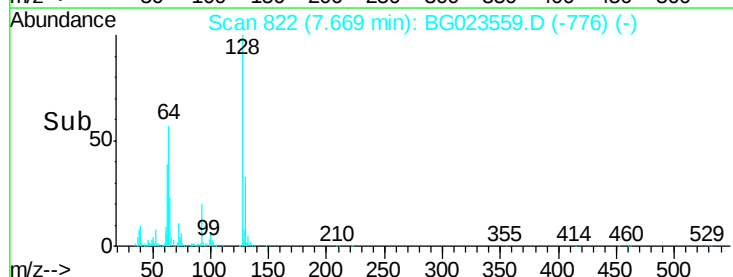
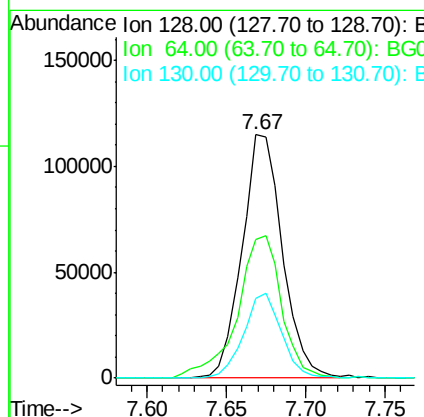
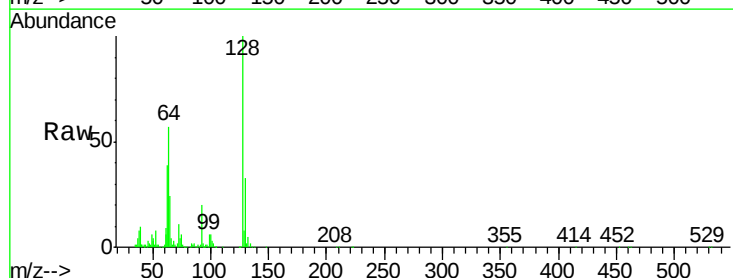
Tgt Ion: 128 Resp: 203592

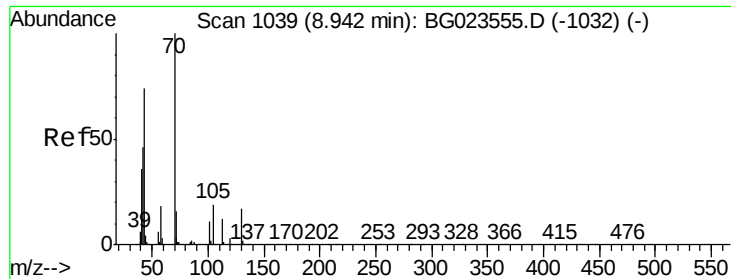
Ion Ratio Lower Upper

128 100

64 56.8 34.2 51.4#

130 32.9 27.0 40.4





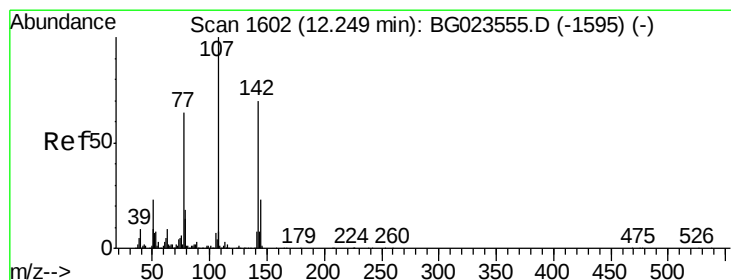
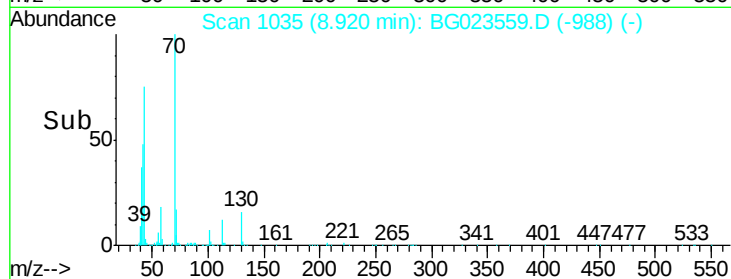
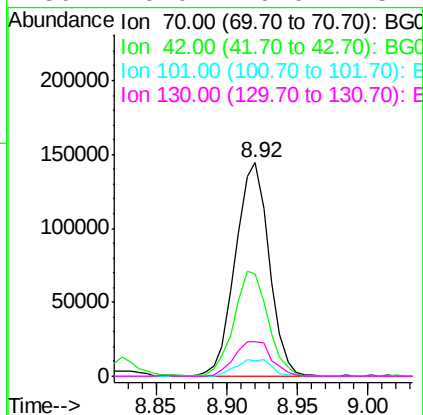
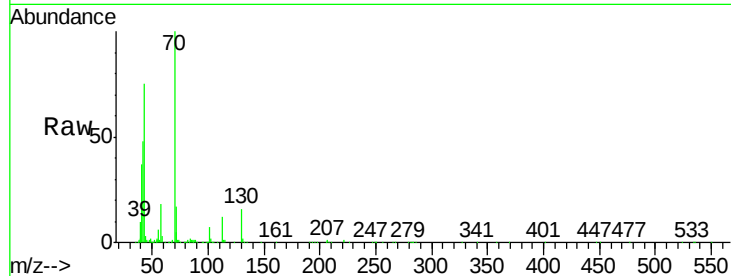
#15
N-Nitroso-di-n-propylamine
Concen: 22.43 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG023559.D
Acq: 9 Aug 2016 16:46

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.1	31.4	47.2#
101	7.0	8.6	13.0#
130	16.0	19.0	28.4#

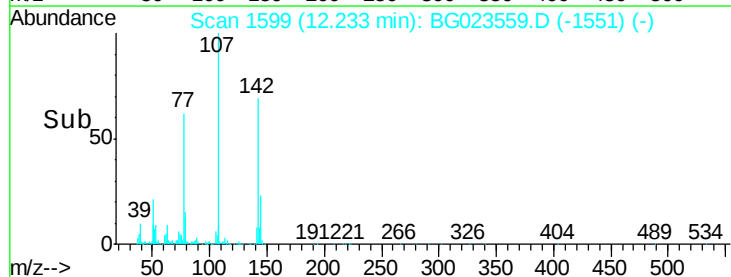
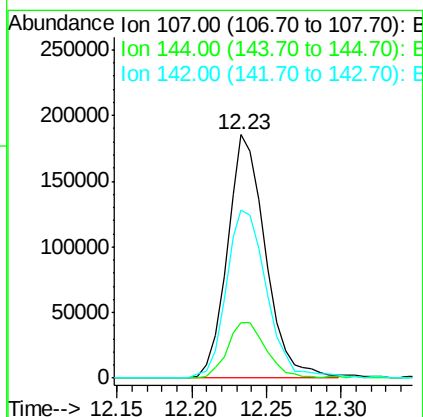
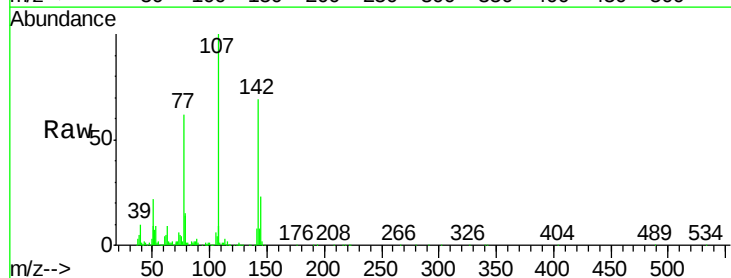
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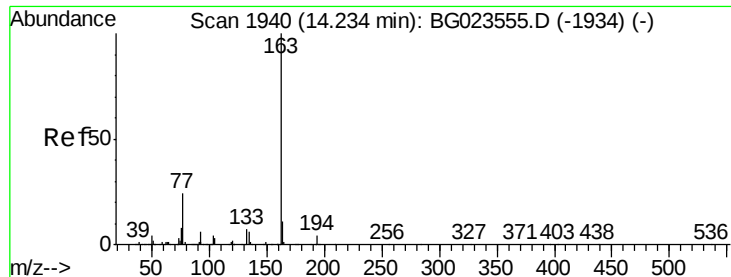
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#33
4-Chloro-3-methylphenol
Concen: 21.86 ng/ul
RT: 12.23 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BG023559.D
Acq: 9 Aug 2016 16:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	22.7	34.1
142	68.8	71.6	107.4#





#44

Dimethylphthalate

Concen: 11.99 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

Instrument :

BNA_G

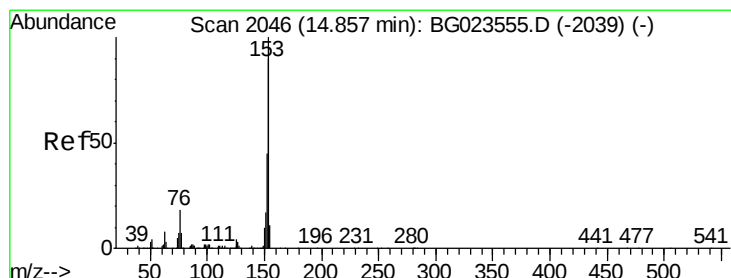
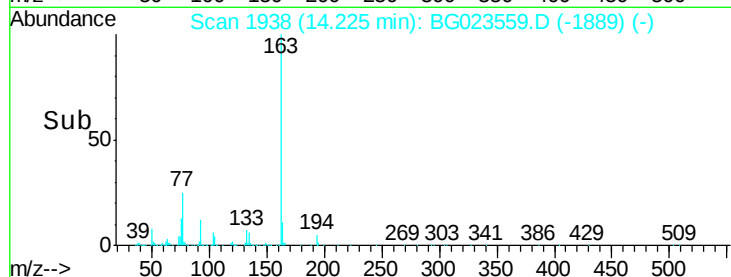
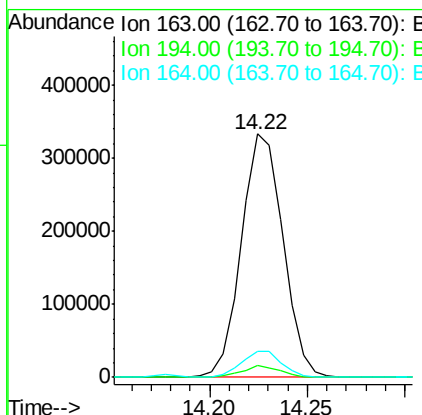
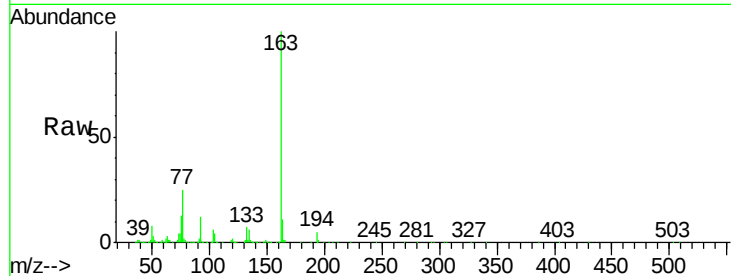
ClientSampleId :

PR001-SS005-0002-01MSD

Tgt Ion:	163	Resp:	492530
Ion Ratio		Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.9	8.8	13.2

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#49

Acenaphthene

Concen: 22.33 ng/ul

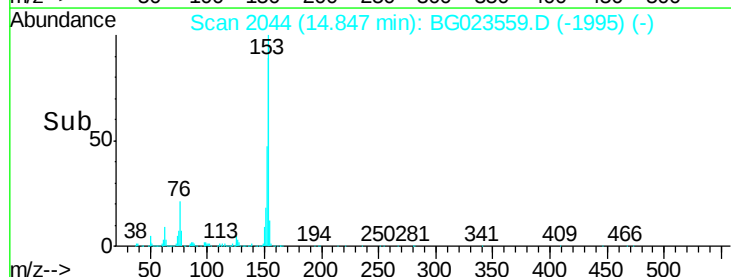
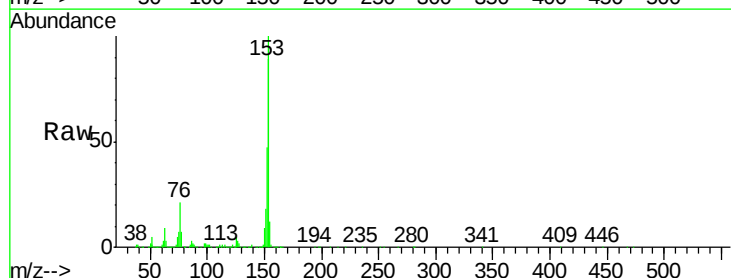
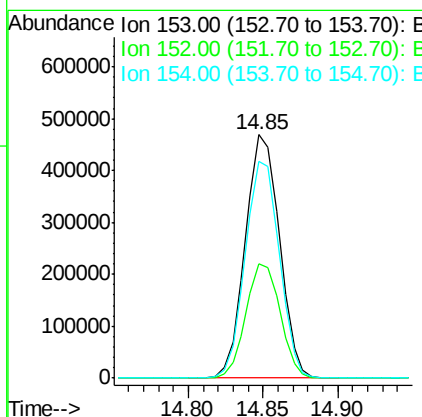
RT: 14.85 min Scan# 2044

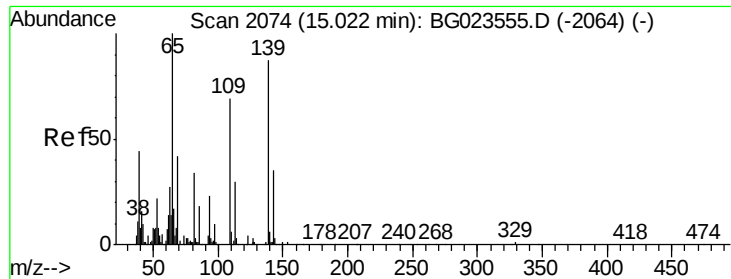
Delta R.T. -0.01 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

Tgt Ion:	153	Resp:	743291
Ion Ratio		Lower	Upper
153	100		
152	47.1	37.3	55.9
154	89.0	68.2	102.2





#52

4-Nitrophenol

Concen: 20.11 ng/ul

RT: 15.01 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

Instrument :

BNA_G

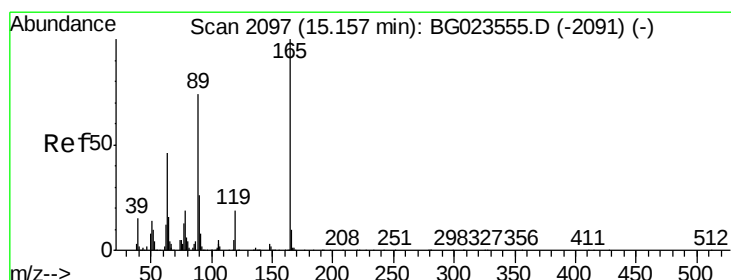
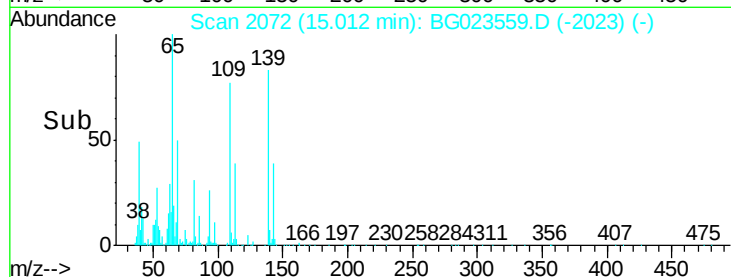
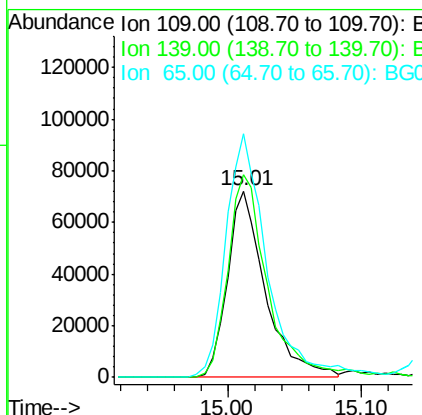
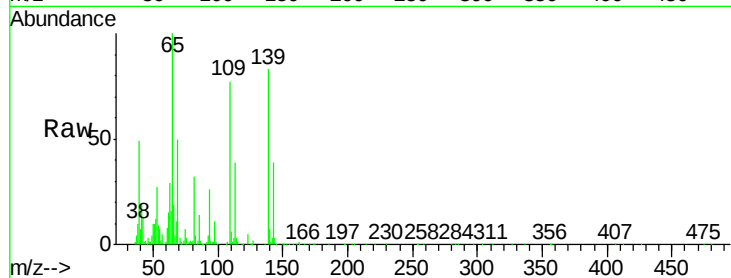
ClientSampleId :

PR001-SS005-0002-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	142719		
139	108.6	136.1	204.1#	
65	130.7	106.0	159.0	

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#54

2,4-Dinitrotoluene

Concen: 22.16 ng/ul

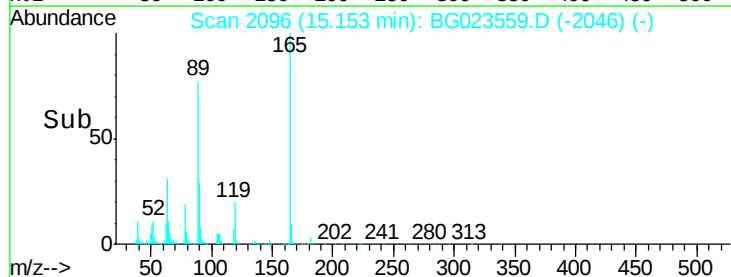
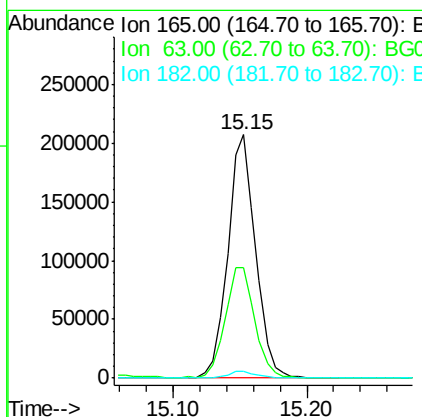
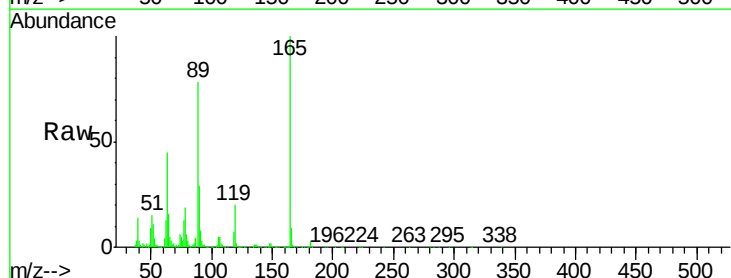
RT: 15.15 min Scan# 2096

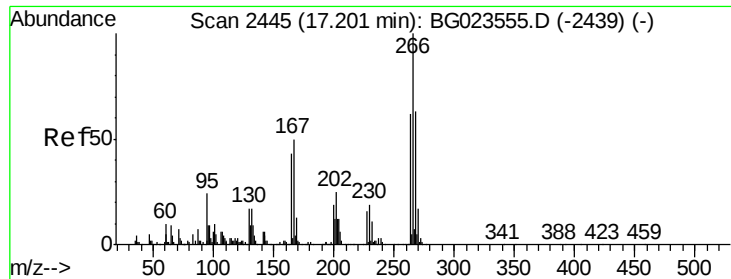
Delta R.T. -0.00 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	299103		
63	45.2	25.7	38.5#	
182	3.0	2.1	3.1	





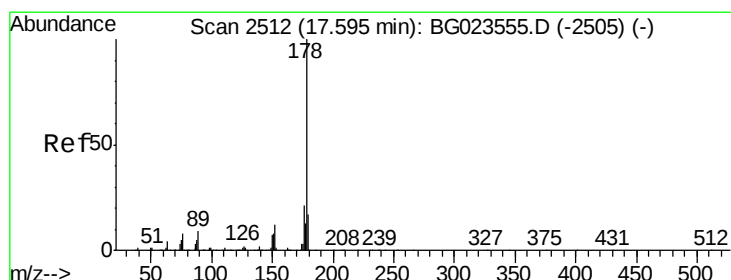
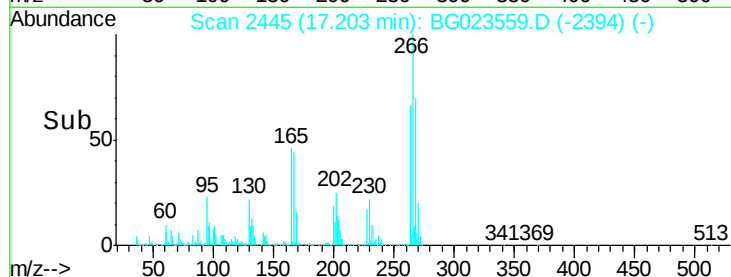
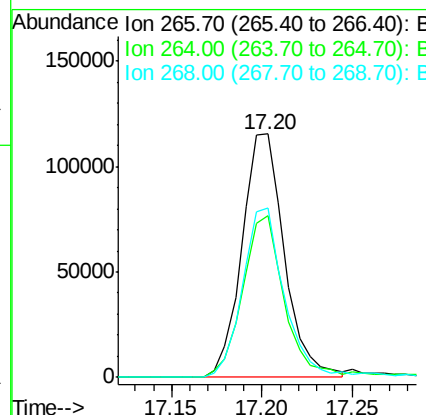
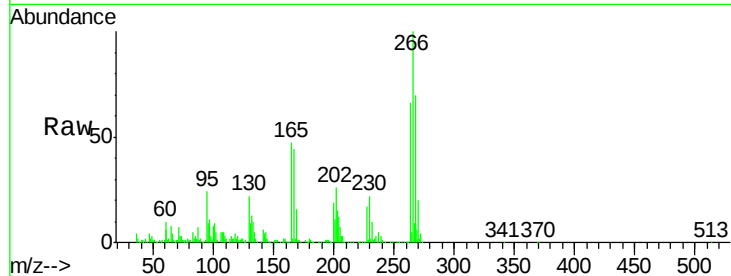
#68
 Pentachlorophenol
 Concen: 22.19 ng/ul
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG023559.D
 Acq: 9 Aug 2016 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS005-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.4	54.7	82.1
268	69.5	57.8	86.8

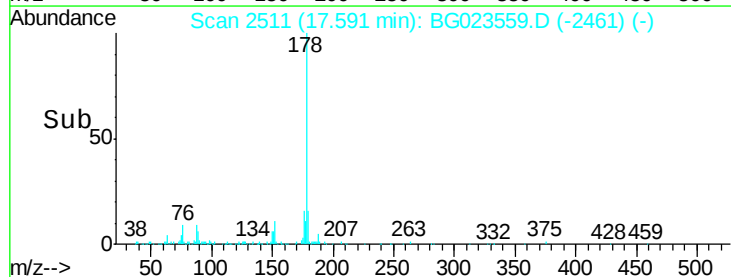
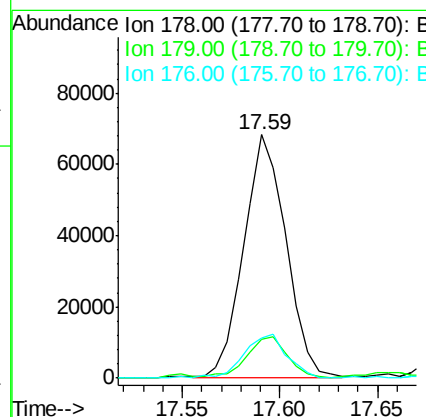
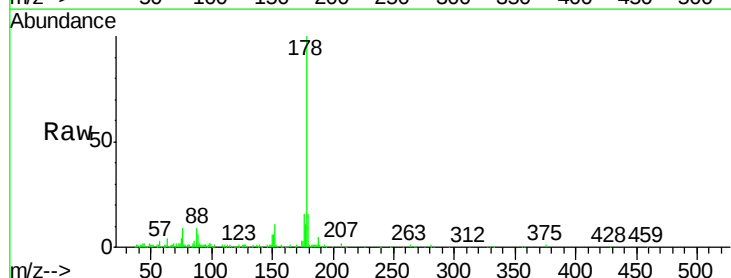
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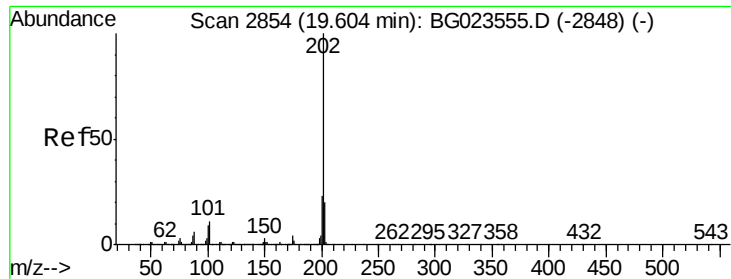
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#69
 Phenanthrene
 Concen: 1.57 ng/ul
 RT: 17.59 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BG023559.D
 Acq: 9 Aug 2016 16:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	16.2	15.8	23.8





#74

Fluoranthene

Concen: 3.25 ng/ul m

RT: 19.61 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

Instrument :

BNA_G

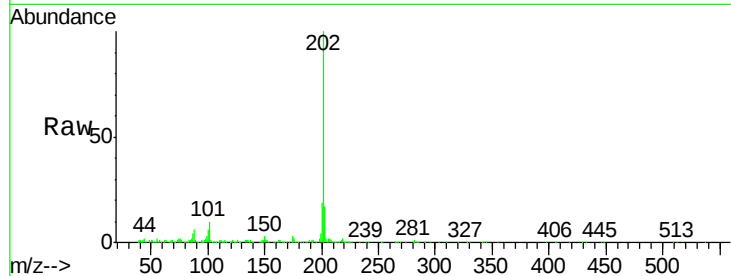
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PR001-SS005-0002-01MSD

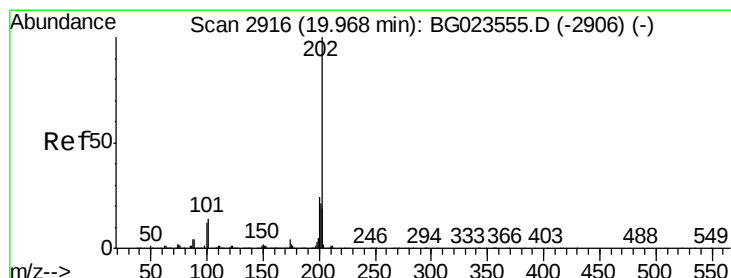
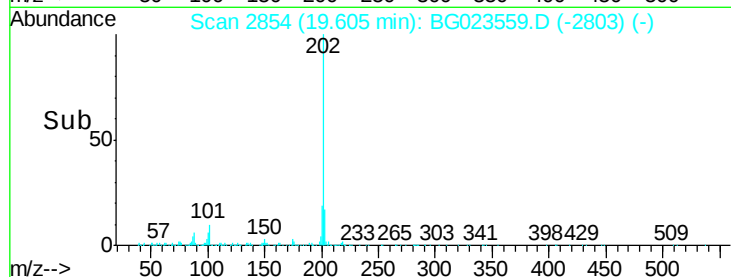
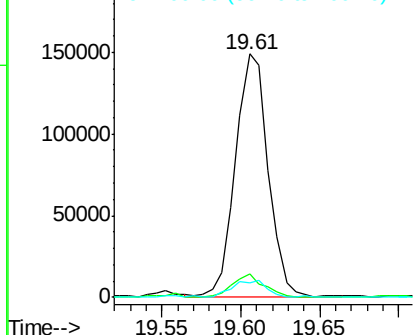
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	10.6	16.0#
100	6.0	8.7	13.1#

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 23.62 ng/ul

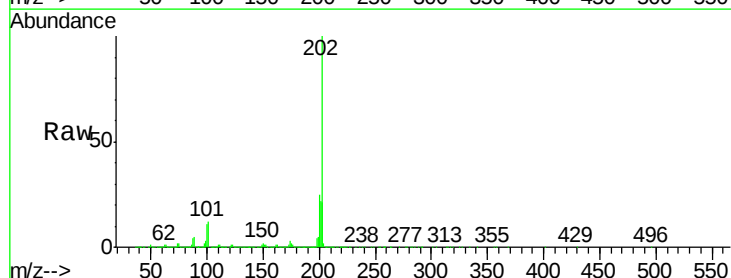
RT: 19.98 min Scan# 2917

Delta R.T. 0.01 min

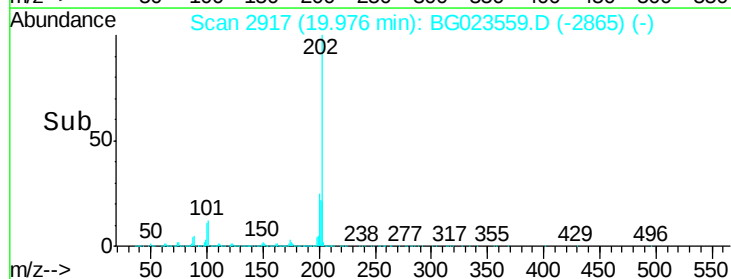
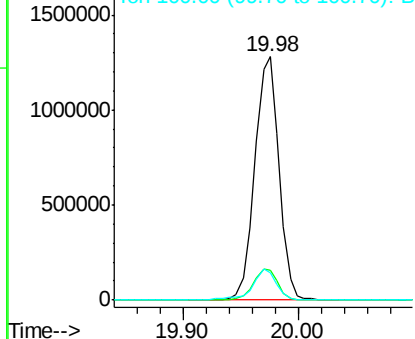
Lab File: BG023559.D

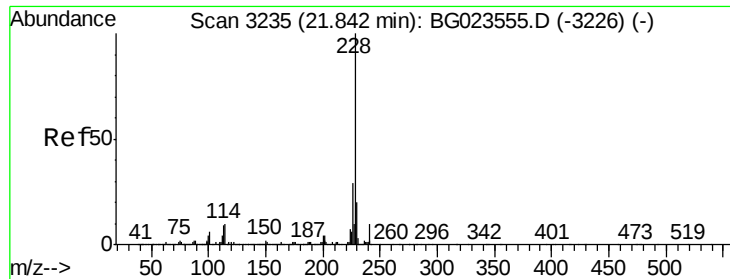
Acq: 9 Aug 2016 16:46

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	12.5	18.7#
100	11.0	10.2	15.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.31 ng/ul m

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

Instrument :

BNA_G

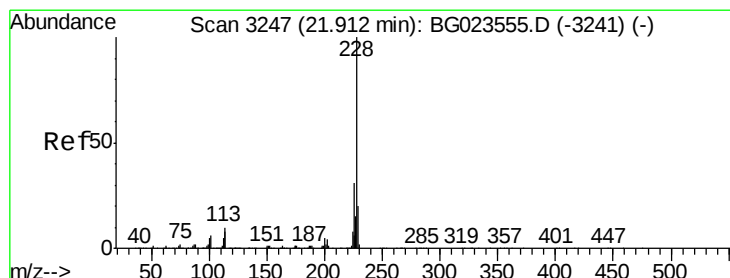
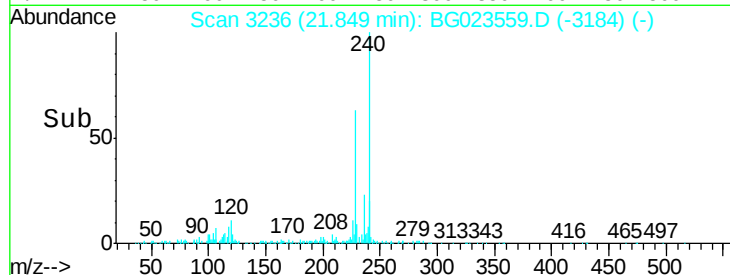
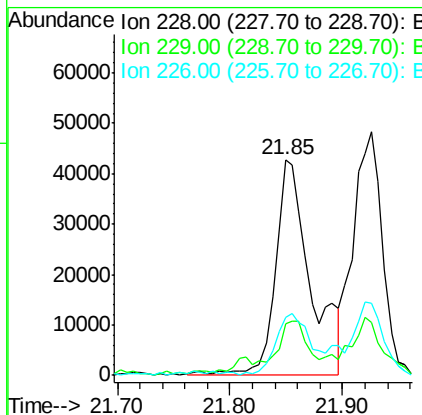
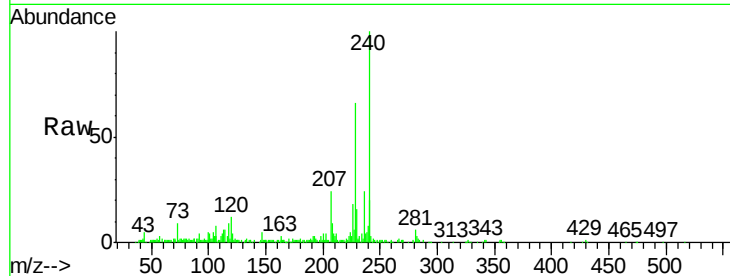
ClientSampleId :

PR001-SS005-0002-01MSD

Tgt Ion:	228	Resp:	94246
Ion Ratio	Lower	Upper	
228	100		
229	23.7	15.4	23.2#
226	26.7	22.8	34.2

Manual Integrations
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#82

Chrysene

Concen: 1.32 ng/ul

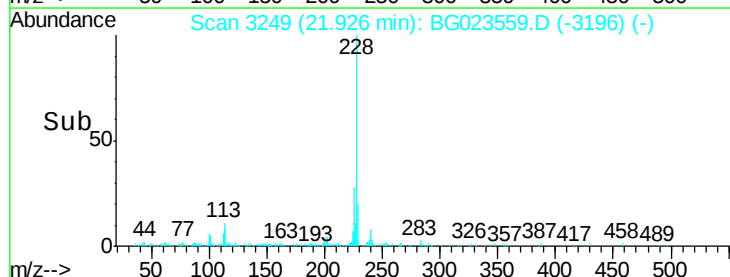
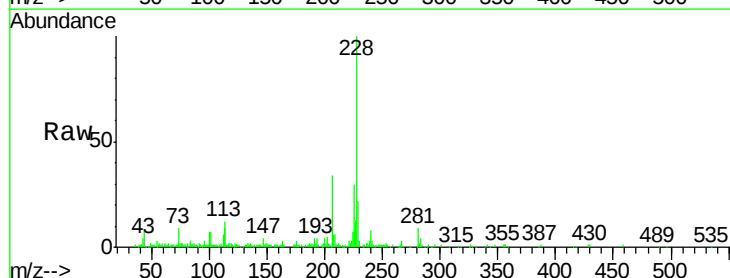
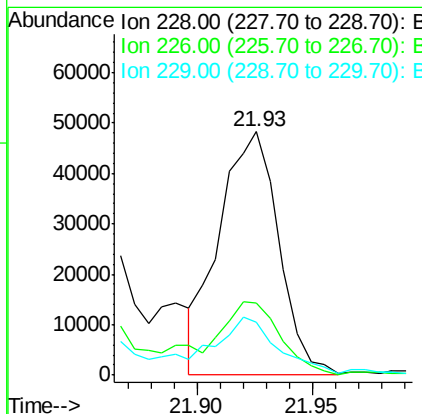
RT: 21.93 min Scan# 3249

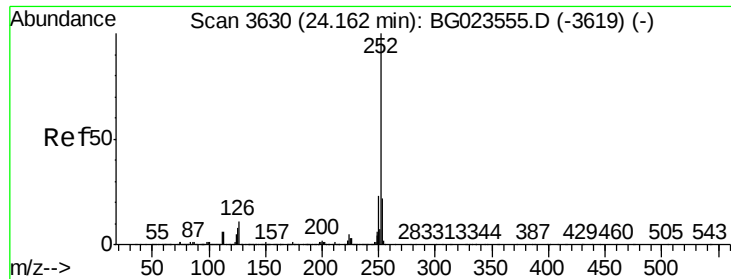
Delta R.T. 0.01 min

Lab File: BG023559.D

Acq: 9 Aug 2016 16:46

Tgt Ion:	228	Resp:	86549
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.2	36.4
229	21.8	15.0	22.6





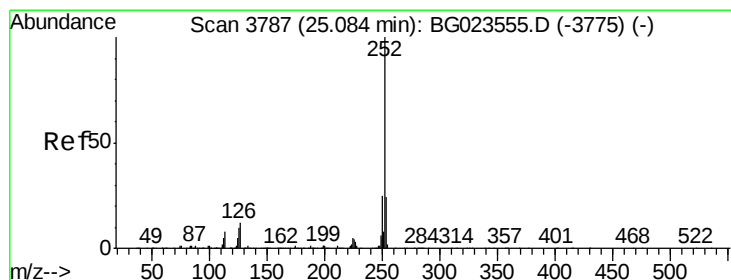
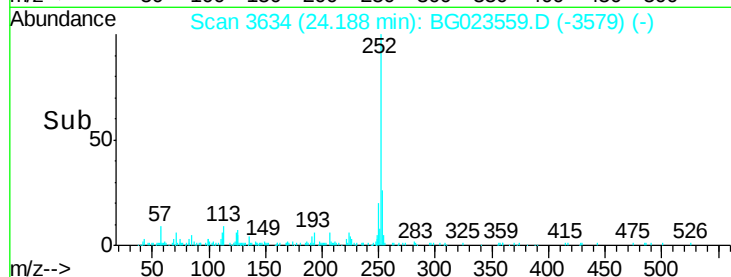
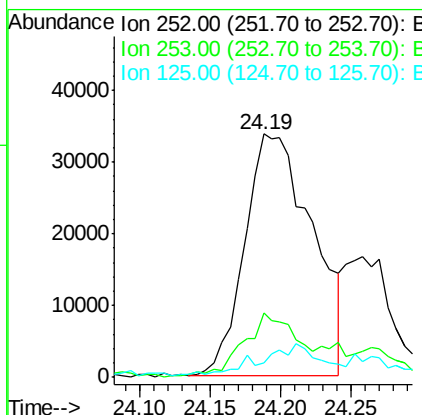
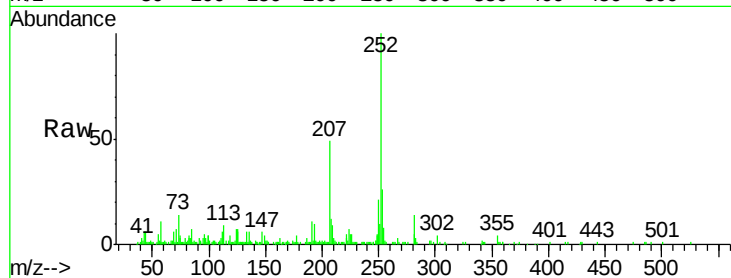
#85
Benzo(b)fluoranthene
Concen: 1.62 ng/ul
RT: 24.19 min Scan# 3634
Delta R.T. 0.03 min
Lab File: BG023559.D
Acq: 9 Aug 2016 16:46

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	113627		
253	26.2	18.2	27.2	
125	6.0	10.8	16.2	

Manual Integrations
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#88
Benzo(a)pyrene
Concen: 1.21 ng/ul m
RT: 25.12 min Scan# 3793
Delta R.T. 0.04 min
Lab File: BG023559.D
Acq: 9 Aug 2016 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	82310		
253	19.9	19.0	28.4	
125	6.6	12.0	18.0	

