

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
 Data File : BG022507.D
 Acq On : 23 Jun 2016 6:29
 Operator : UM/SJ
 Sample : H3623-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MSD

Manual Integrations
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Quant Time: Jun 23 16:10:40 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:27:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	38387	20.00	ng	-0.02
21) Naphthalene-d8	10.79	136	203406	20.00	ng	-0.02
38) Acenaphthene-d10	14.62	164	114442	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	210423	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	143052	20.00	ng	-0.02
86) Perylene-d12	24.81	264	110733	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	330062	166.24	ng	-0.03
7) Phenol-d6	7.15	99	460250	147.44	ng	-0.03
23) Nitrobenzene-d5	9.15	82	277076	94.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.11	330	128175	99.12	ng	-0.02
44) 2-Fluorobiphenyl	13.24	172	683716	91.05	ng	0.00
78) Terphenyl-d14	19.96	244	612599	101.67	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	29455	30.94	ng	# 57
3) Pyridine	3.75	79	58421	22.71	ng	99
4) n-Nitrosodimethylamine	3.65	42	27244	47.36	ng	# 99
6) Aniline	7.30	93	65778m	16.59	ng	
8) 2-Chlorophenol	7.54	128	142467	51.92	ng	# 79
9) Benzaldehyde	7.11	77	7992	4.65	ng	93
10) Phenol	7.18	94	158444	49.23	ng	81
11) bis(2-Chloroethyl)ether	7.38	93	131483	51.24	ng	# 71
12) 1,3-Dichlorobenzene	7.85	146	119363	40.58	ng	# 92
13) 1,4-Dichlorobenzene	8.00	146	125107	42.69	ng	95
14) 1,2-Dichlorobenzene	8.32	146	123802	41.91	ng	96
15) Benzyl Alcohol	8.22	79	91065	45.15	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.50	45	128711	48.34	ng	80
17) 2-Methylphenol	8.44	107	123901	51.59	ng	# 85
18) Hexachloroethane	9.05	117	46827	43.76	ng	# 80
19) n-Nitroso-di-n-propylamine	8.78	70	101892	48.22	ng	# 67
20) 3+4-Methylphenols	8.77	107	169490	49.20	ng	98
22) Acetophenone	8.80	105	199354	45.48	ng	# 82
24) Nitrobenzene	9.19	77	143326	48.85	ng	# 83
25) Isophorone	9.71	82	297713	43.61	ng	# 93
26) 2-Nitrophenol	9.90	139	80435	50.56	ng	# 71
27) 2,4-Dimethylphenol	9.97	122	144778	50.28	ng	92
28) bis(2-Chloroethoxy)methane	10.19	93	186923	47.80	ng	93
29) 2,4-Dichlorophenol	10.46	162	131751	49.39	ng	96
30) 1,2,4-Trichlorobenzene	10.65	180	124954	41.92	ng	93
31) Naphthalene	10.84	128	448266	44.15	ng	# 95
32) Benzoic acid	10.17	122	67386	60.52	ng	# 81
33) 4-Chloroaniline	10.97	127	33055	7.83	ng	# 91
34) Hexachlorobutadiene	11.11	225	59873	37.42	ng	96
35) Caprolactam	11.75	113	42116m	28.78	ng	
36) 4-Chloro-3-methylphenol	12.11	107	145474	46.01	ng	85
37) 2-Methylnaphthalene	12.44	142	326003	43.49	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	127543	43.29	ng	# 97
40) Hexachlorocyclopentadiene	12.78	237	62890	44.32	ng	99

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Quant Time: Jun 23 16:10:40 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	95484	48.32	nq	94
43) 2,4,5-Trichlorophenol	13.16	196	97290	44.56	nq	97
45) 1,1'-Biphenyl	13.45	154	414271	48.10	nq	93
46) 2-Chloronaphthalene	13.50	162	318435	48.23	nq	97
47) 2-Nitroaniline	13.72	65	79998	50.82	nq	# 56
48) Acenaphthylene	14.35	152	530378	45.79	nq	97
49) Dimethylphthalate	14.08	163	398481	41.99	nq	99
50) 2,6-Dinitrotoluene	14.20	165	90210	43.73	nq	# 80
51) Acenaphthene	14.68	154	314640	45.34	nq	94
52) 3-Nitroaniline	14.55	138	31040	13.57	nq	# 79
53) 2,4-Dinitrophenol	14.76	184	72937	85.69	nq	# 77
54) Dibenzofuran	15.02	168	478145	44.15	nq	99
55) 4-Nitrophenol	14.89	139	89399	56.62	nq	# 71
56) 2,4-Dinitrotoluene	15.00	165	119075	43.03	nq	# 86
57) Fluorene	15.67	166	397925	42.65	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.26	232	74637m	38.11	nq	
59) Diethylphthalate	15.43	149	417873	41.23	nq	100
60) 4-Chlorophenyl-phenylether	15.66	204	177154	41.93	nq	96
61) 4-Nitroaniline	15.71	138	47758m	19.68	nq	
62) Azobenzene	15.95	77	338651	44.12	nq	87
64) 4,6-Dinitro-2-methylphenol	15.77	198	52411	49.00	nq	# 82
65) n-Nitrosodiphenylamine	15.87	169	255026	42.07	nq	97
66) 4-Bromophenyl-phenylether	16.55	248	95183	48.28	nq	98
67) Hexachlorobenzene	16.67	284	96515	42.00	nq	95
69) Pentachlorophenol	17.02	266	70043	68.31	nq	97
70) Phenanthrene	17.41	178	527486	46.15	nq	97
71) Anthracene	17.50	178	522514	46.10	nq	95
72) Carbazole	17.78	167	301756	28.11	nq	97
73) Di-n-butylphthalate	18.31	149	636133	45.33	nq	98
74) Fluoranthene	19.42	202	507783	38.65	nq	95
77) Pyrene	19.77	202	496575	55.84	nq	99
79) Butylbenzylphthalate	20.64	149	250774	60.80	nq	# 95
80) Benzo(a)anthracene	21.60	228	385316	48.03	nq	98
82) Chrysene	21.67	228	370051	47.41	nq	98
83) Bis(2-ethylhexyl)phthalate	21.48	149	360205	59.39	nq	# 95
84) Di-n-octyl phthalate	22.67	149	588554	58.44	nq	# 87
85) Indeno(1,2,3-cd)pyrene	28.46	276	361801	41.32	nq	# 78
87) Benzo(b)fluoranthene	23.79	252	354363	54.87	nq	# 94
88) Benzo(k)fluoranthene	23.86	252	342445	53.86	nq	# 94
89) Benzo(a)pyrene	24.66	252	323230	52.34	nq	# 92
90) Dibenzo(a,h)anthracene	28.51	278	305517	52.53	nq	# 87
91) Benzo(g,h,i)perylene	29.59	276	277180	45.81	nq	# 83

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

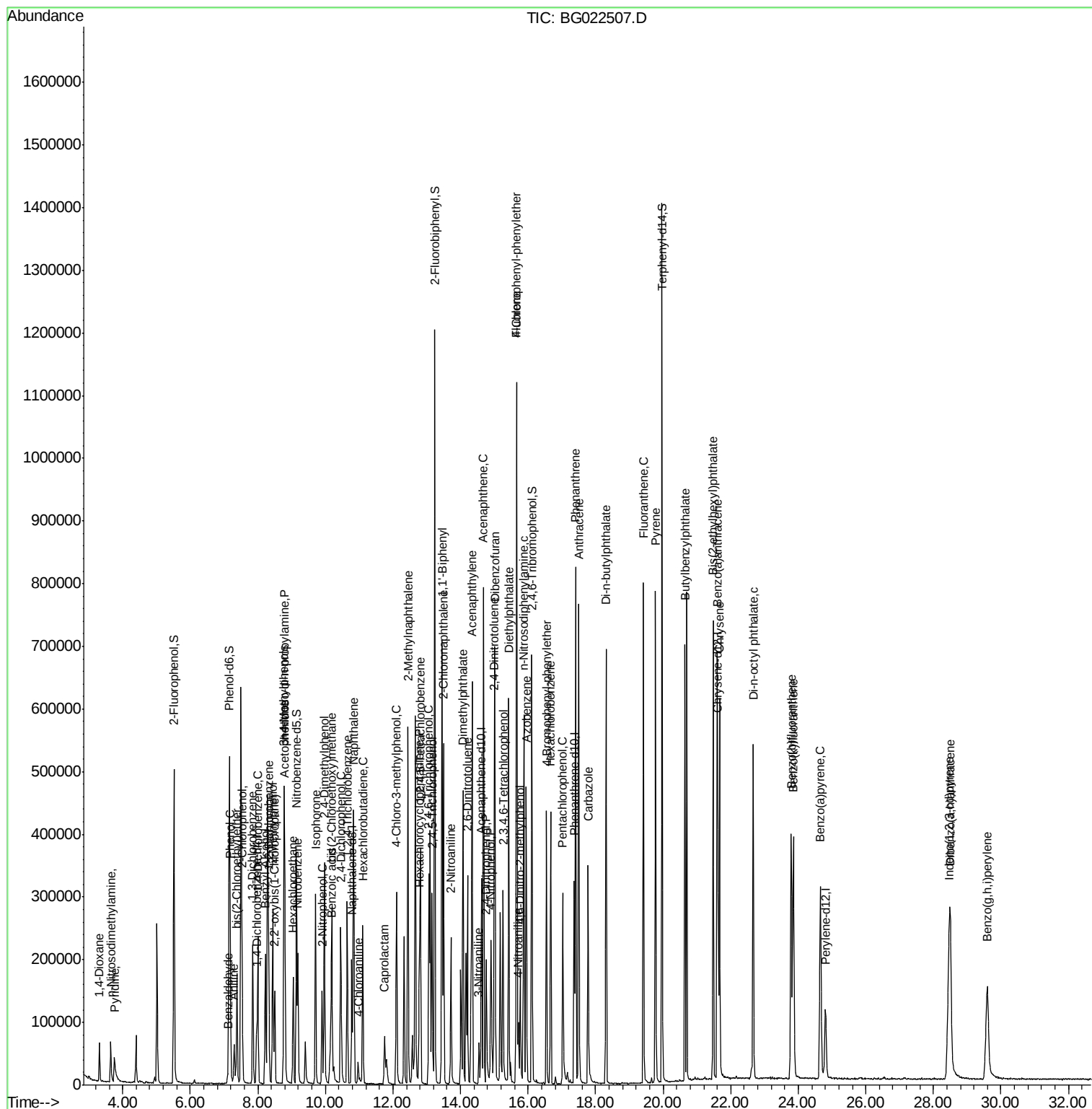
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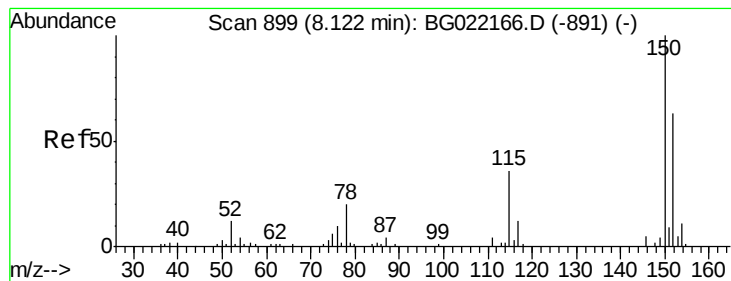
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#1

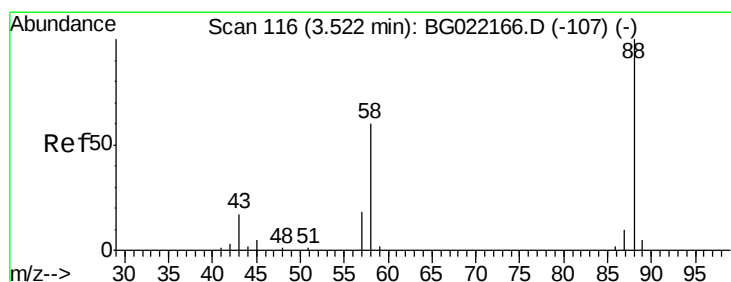
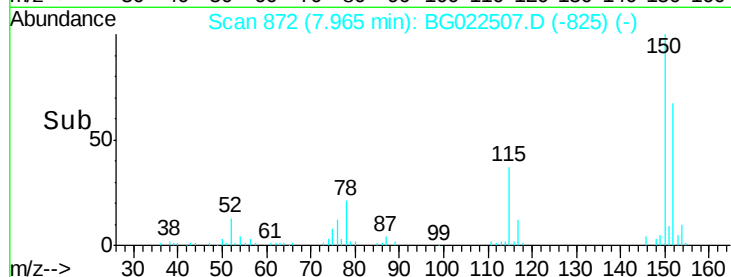
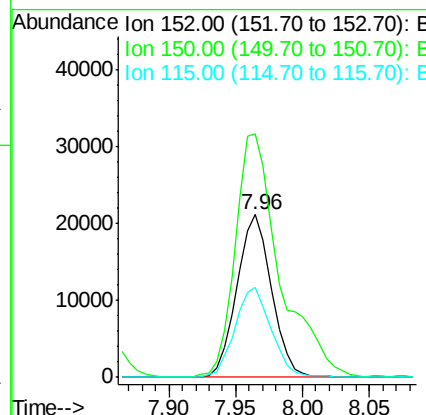
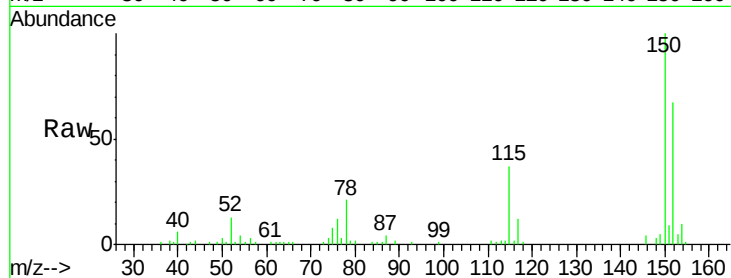
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 872
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	130.1	195.1
115	55.6	62.2	93.2

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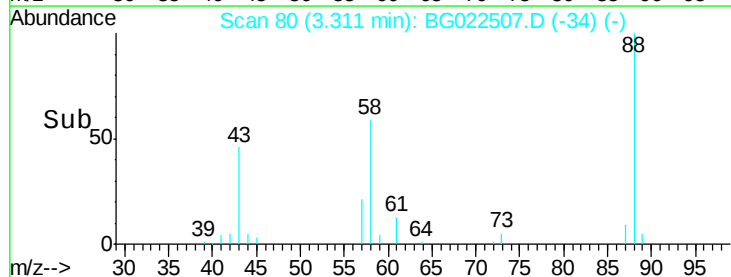
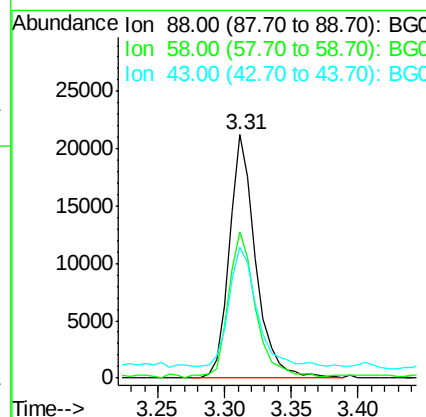
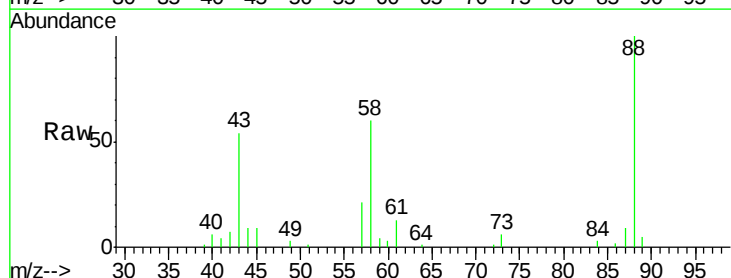
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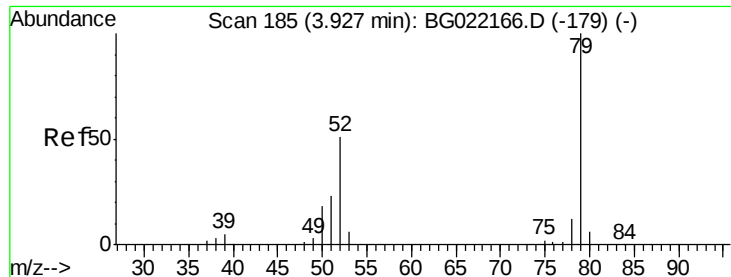


#2

1,4-Dioxane
Concen: 30.94 ng
RT: 3.31 min Scan# 80
Delta R.T. -0.03 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.4	36.8	55.2
43	53.6	10.4	15.6





#3

Pvridine

Concen: 22.71 ng

RT: 3.75 min Scan# 155

Delta R.T. -0.00 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

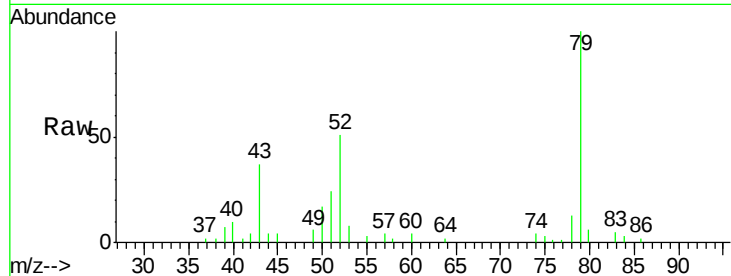
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SC-STA-1442(0-4)MSD

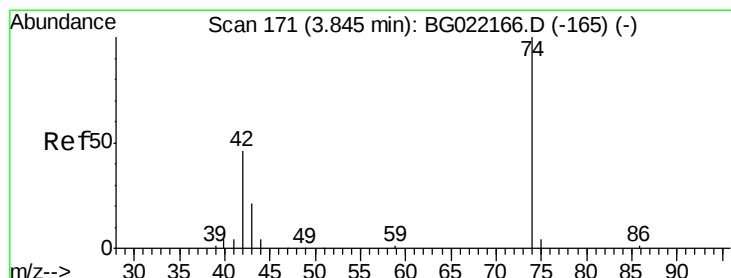
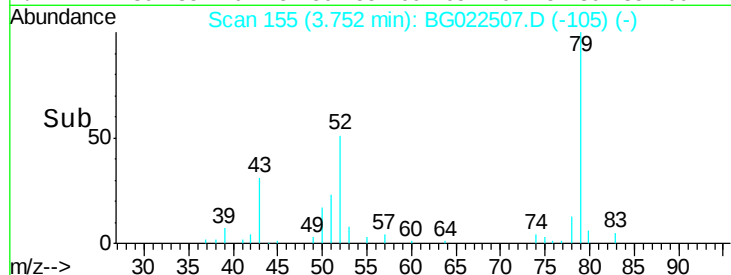
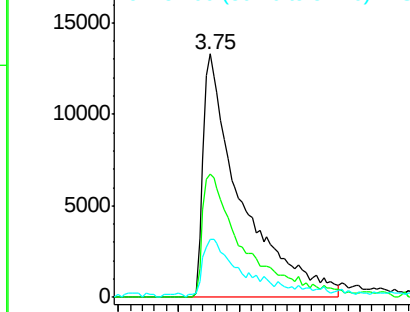
Tot Ion:	79	Resp:	58421
Ion Ratio	Lower	Upper	
79	100		
52	50.9	41.6	62.4
51	24.0	19.2	28.8

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 47.36 ng

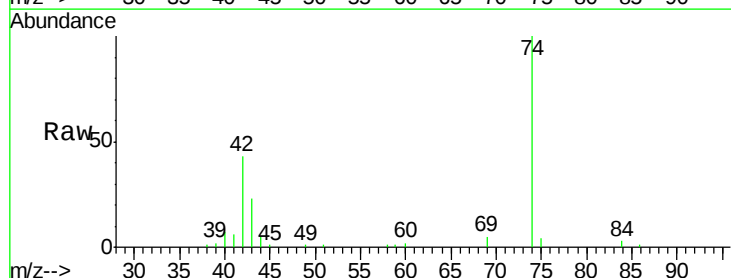
RT: 3.65 min Scan# 137

Delta R.T. -0.03 min

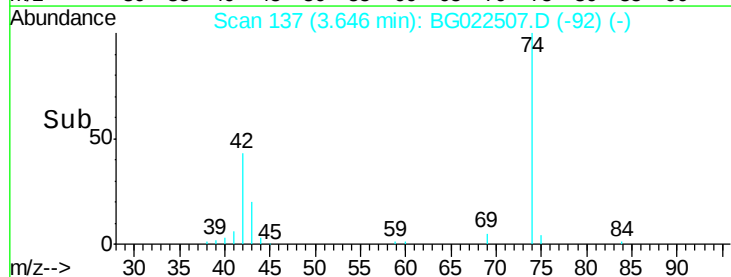
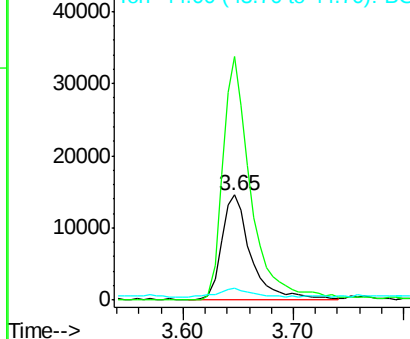
Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:	42	Resp:	27244
Ion Ratio	Lower	Upper	
42	100		
74	231.4	184.0	276.0
44	11.0	11.0	16.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 166.24 ng

RT: 5.51 min Scan# 455

Delta R.T. -0.03 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

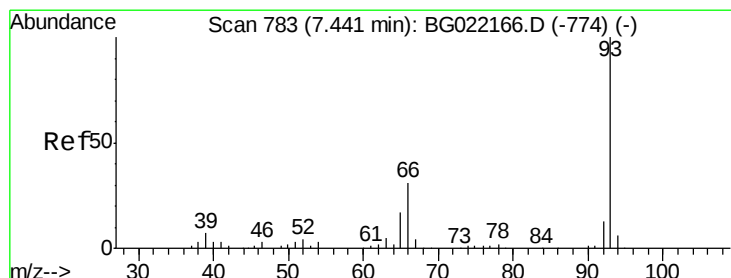
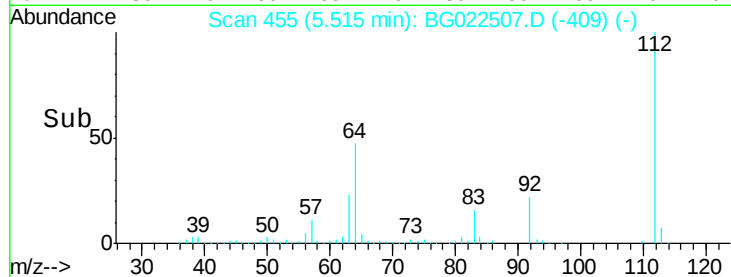
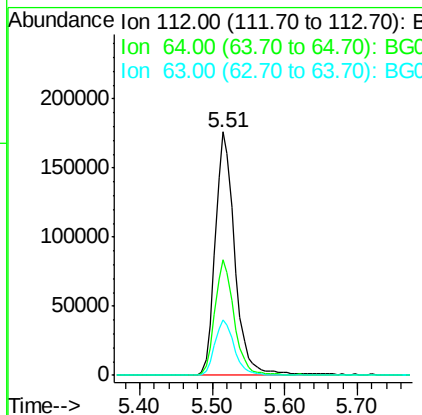
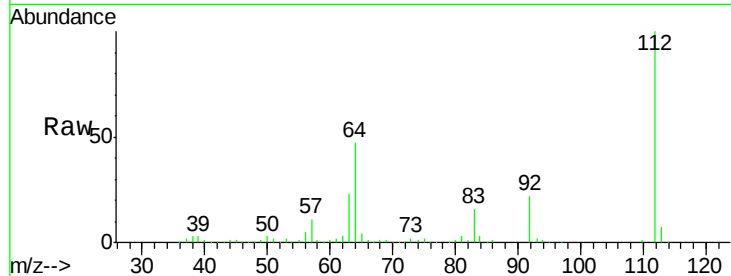
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100			
64	47.3	51.1	76.7#	
63	22.8	24.6	37.0#	

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#6

Aniline

Concen: 16.59 ng m

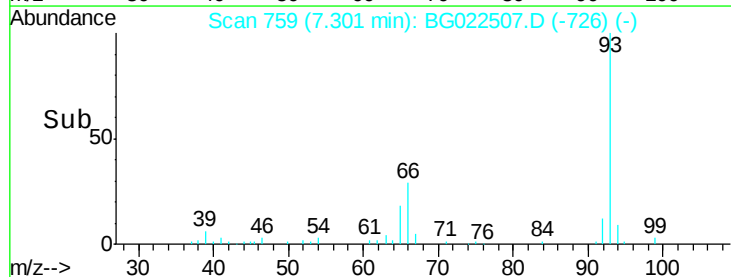
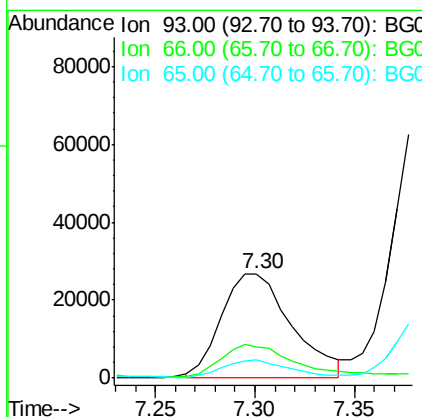
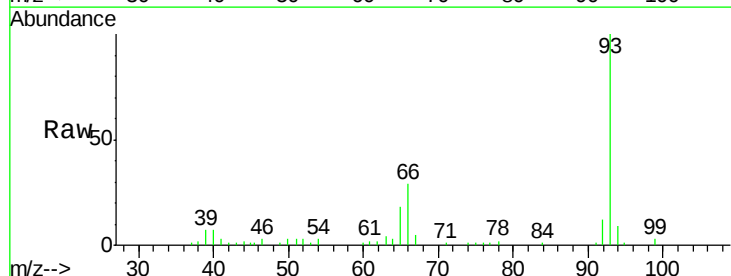
RT: 7.30 min Scan# 759

Delta R.T. -0.10 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
66	29.3	36.3	54.5#	
65	17.6	18.4	27.6#	





#7

Phenol-d6

Concen: 147.44 ng

RT: 7.15 min Scan# 734

Delta R.T. -0.03 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

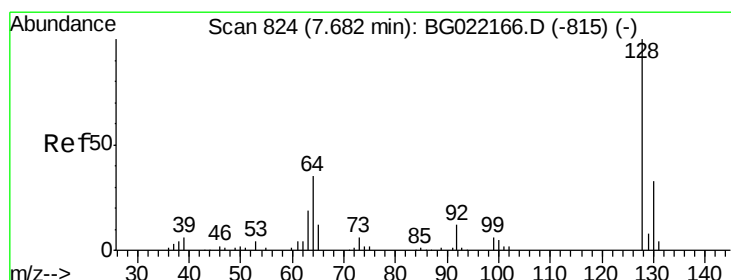
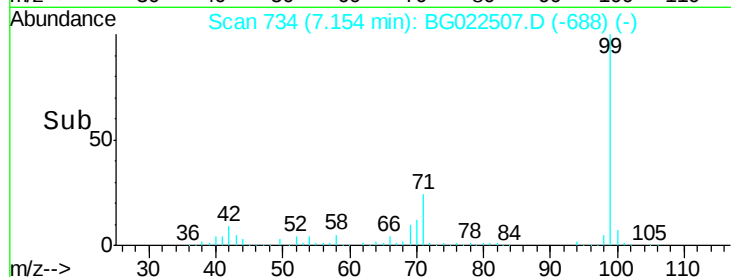
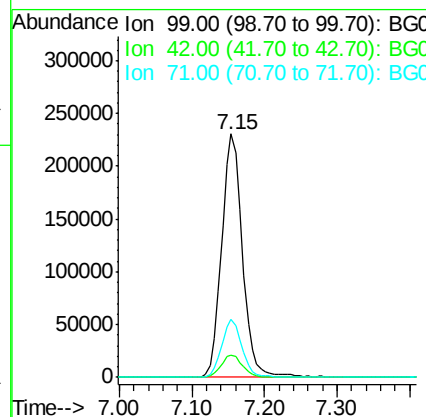
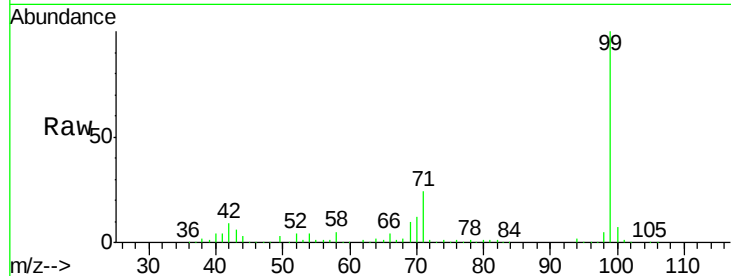
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		460250		
42	9.2	16.4	24.6#		
71	23.8	25.0	37.4#		

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#8

2-Chlorophenol

Concen: 51.92 ng

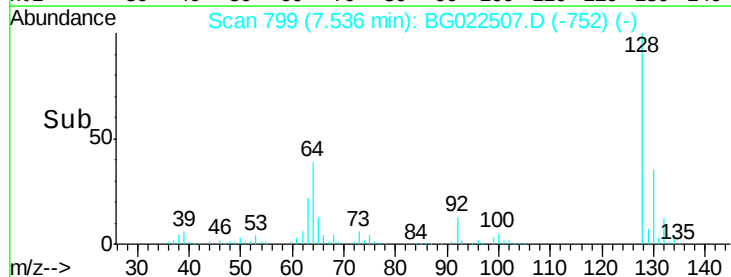
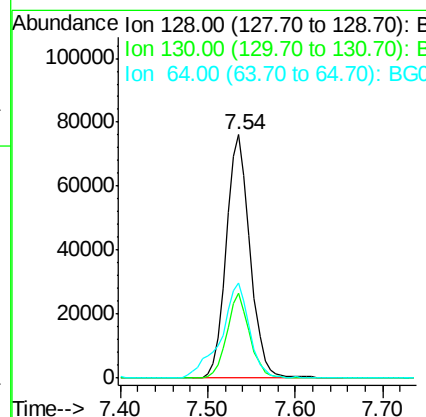
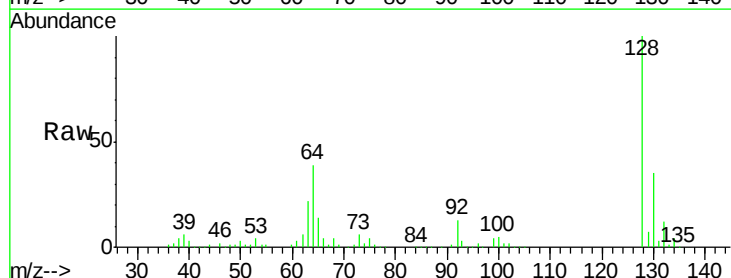
RT: 7.54 min Scan# 799

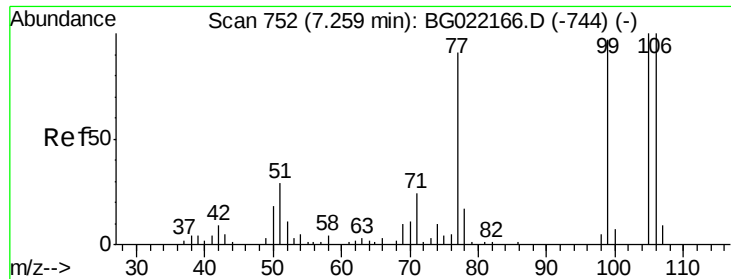
Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		142467		
130	35.1	11.2	51.2		
64	38.9	39.8	79.8#		





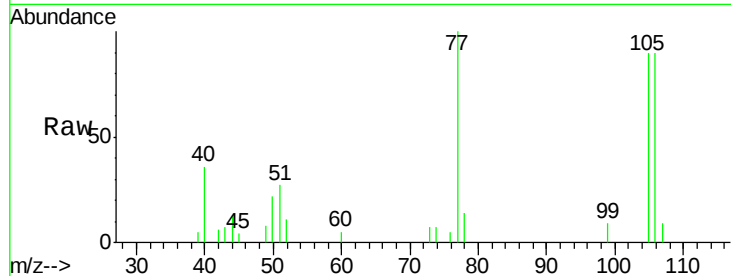
#9
Benzaldehyde
Concen: 4.65 ng
RT: 7.11 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

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SC-STA-1442(0-4)MSD

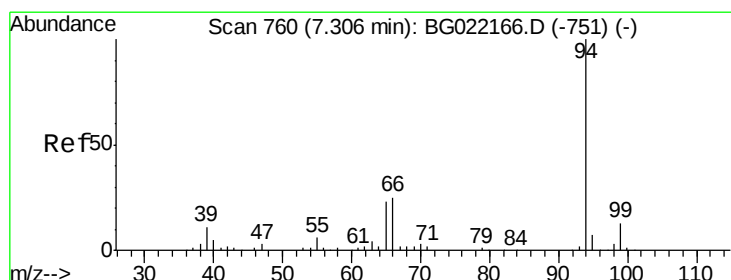
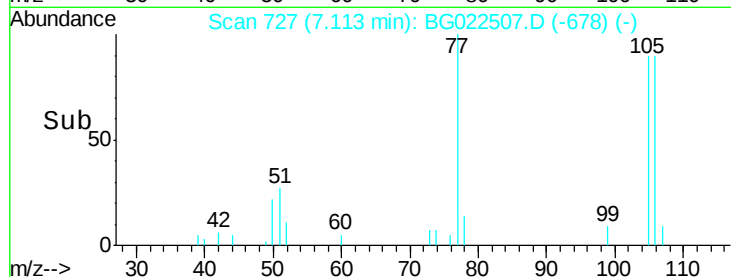
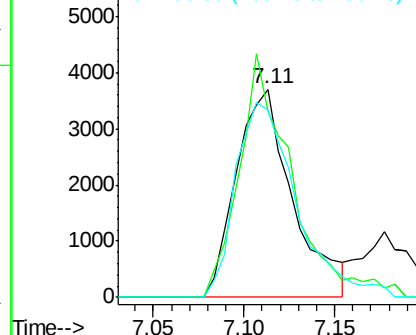
Tot Ion	Ratio	Lower	Upper
77	100		
105	89.7	62.1	102.1
106	89.9	65.6	105.6

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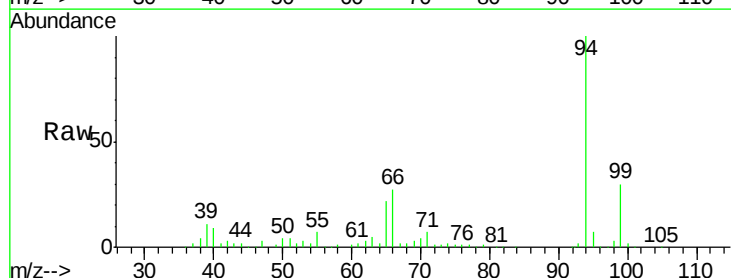


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

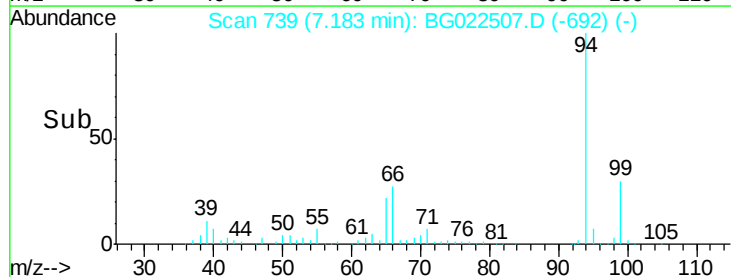
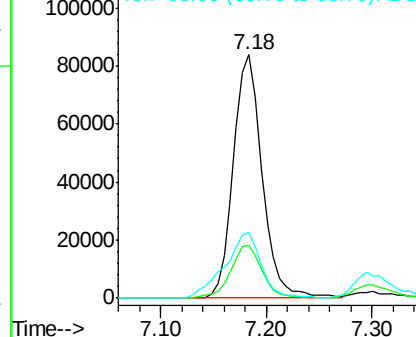


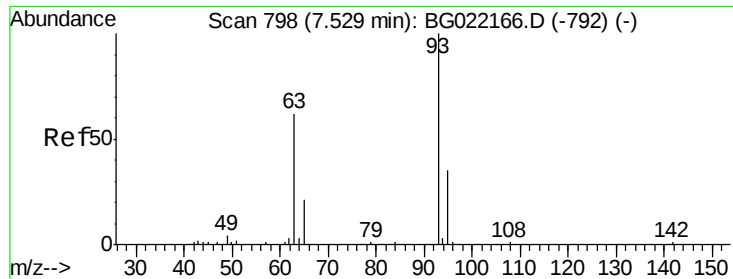
#10
Phenol
Concen: 49.23 ng
RT: 7.18 min Scan# 739
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	21.5	9.8	49.8
66	27.0	20.8	60.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 51.24 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

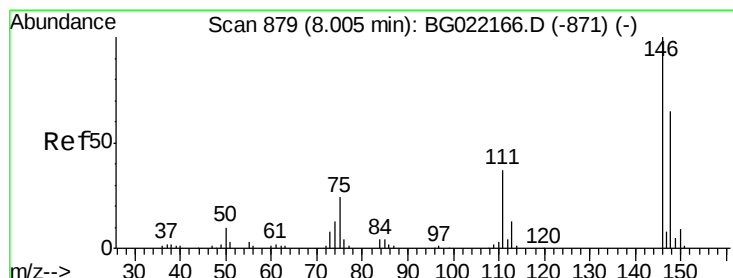
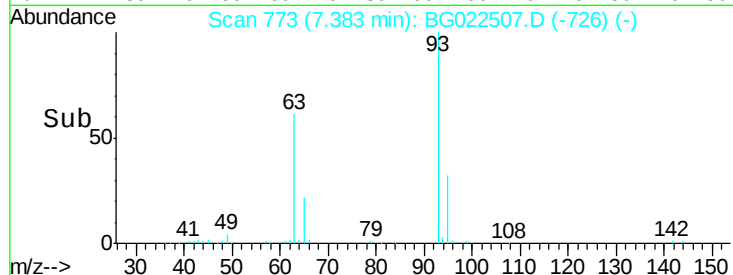
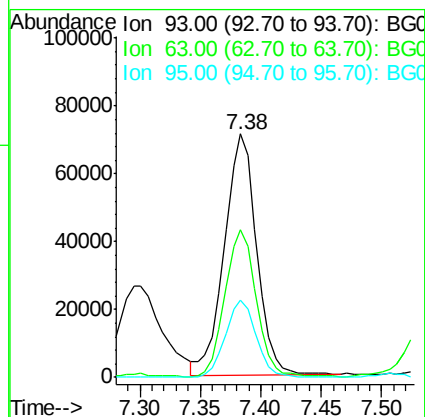
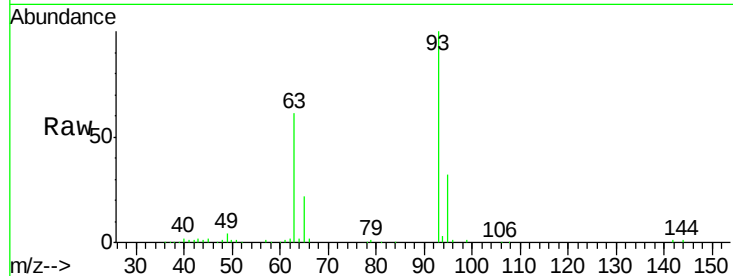
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion:	93	Resp:	131483
Ion Ratio	Lower	Upper	
93	100		
63	60.9	74.9	114.9#
95	31.8	8.3	48.3

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#12

1,3-Dichlorobenzene

Concen: 40.58 ng

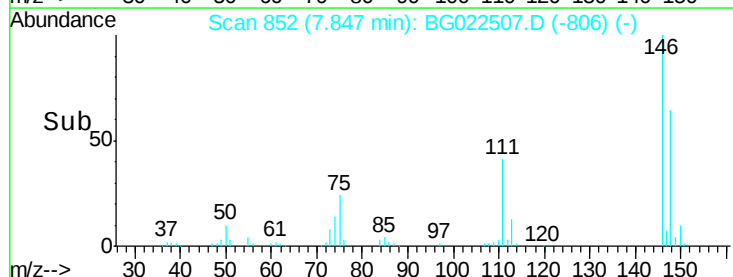
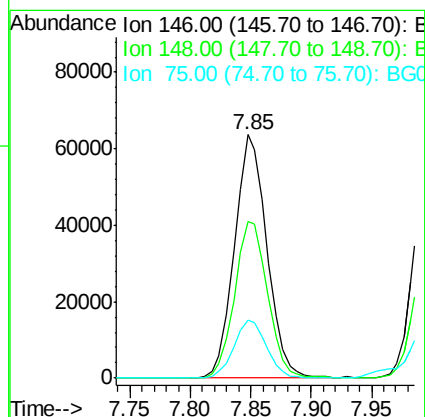
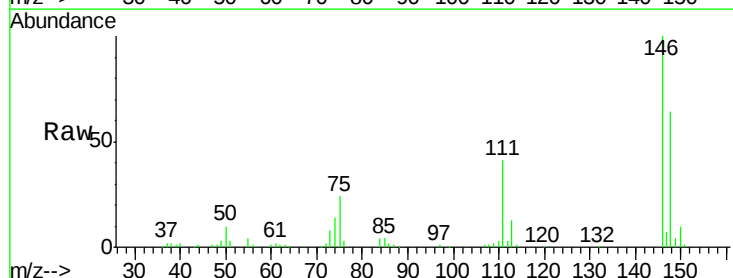
RT: 7.85 min Scan# 852

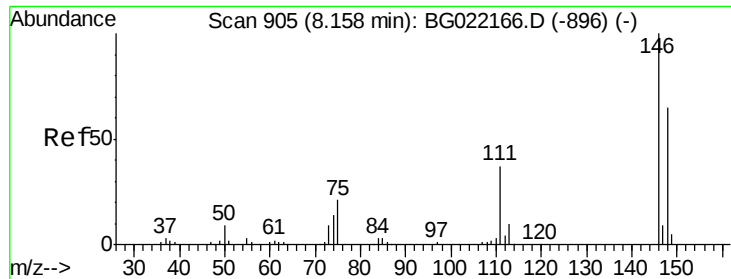
Delta R.T. -0.03 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:	146	Resp:	119363
Ion Ratio	Lower	Upper	
146	100		
148	64.4	53.7	80.5
75	23.8	27.4	41.0#





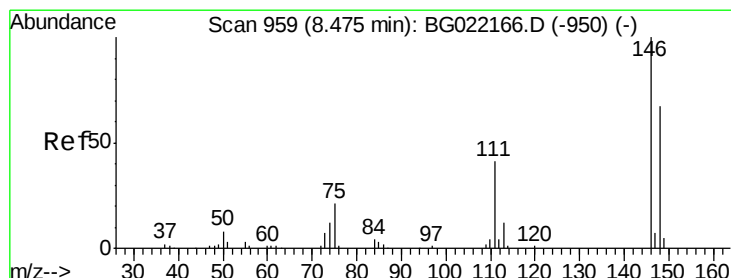
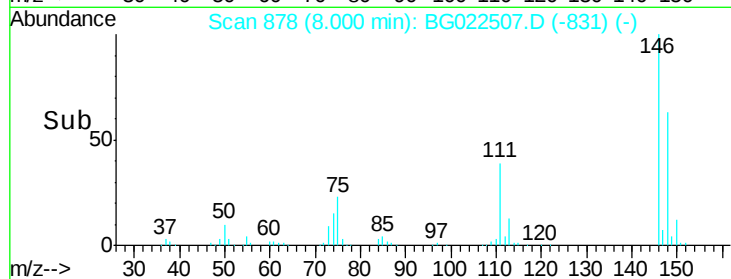
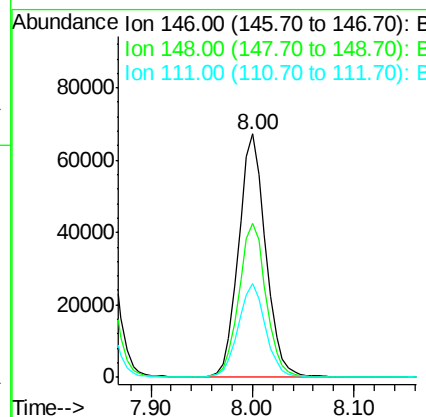
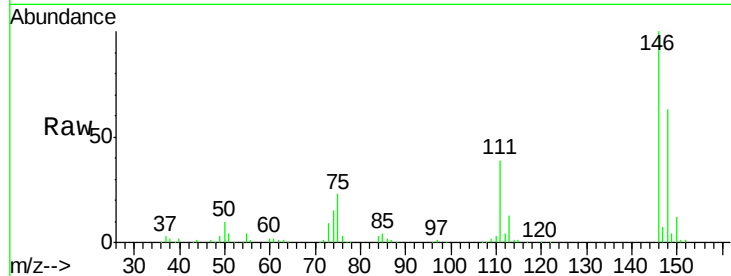
#13
 1,4-Dichlorobenzene
 Concen: 42.69 ng
 RT: 8.00 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	46.7	70.1
111	38.6	33.0	49.6

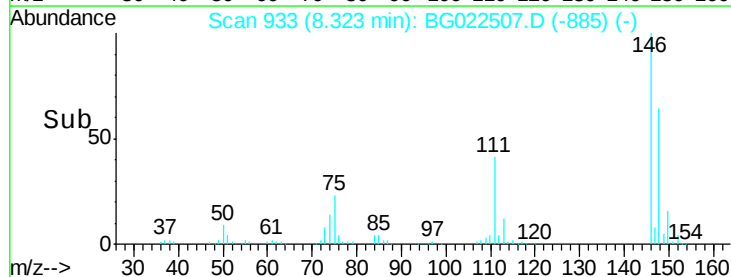
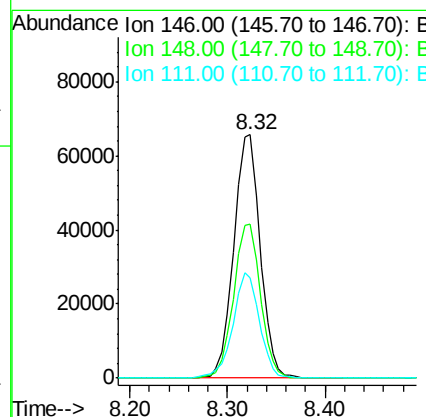
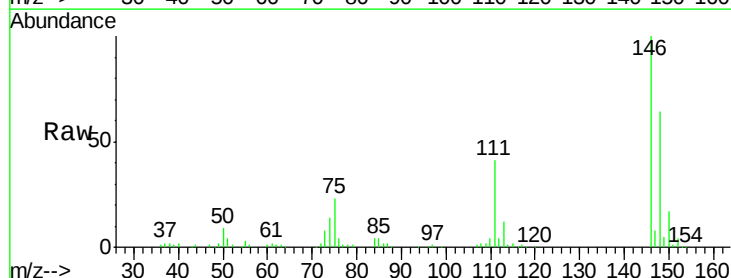
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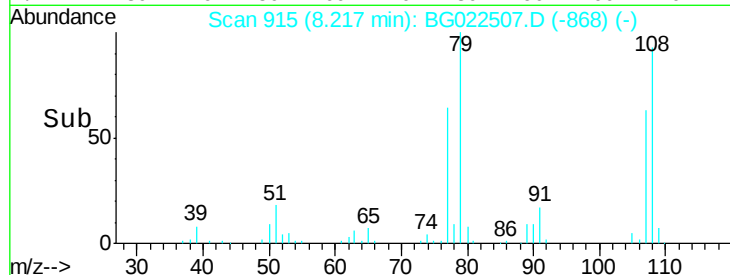
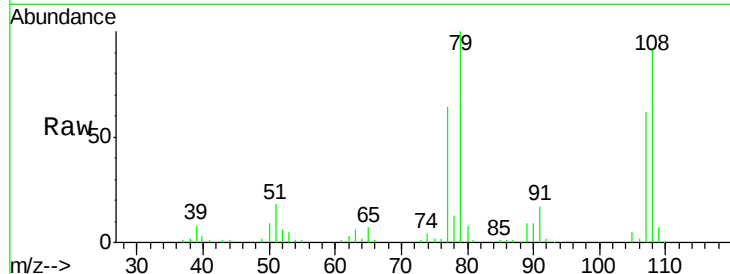
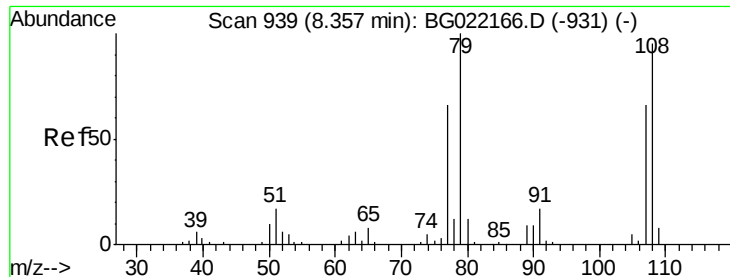
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#14
 1,2-Dichlorobenzene
 Concen: 41.91 ng
 RT: 8.32 min Scan# 933
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.6	79.0
111	41.2	36.1	54.1





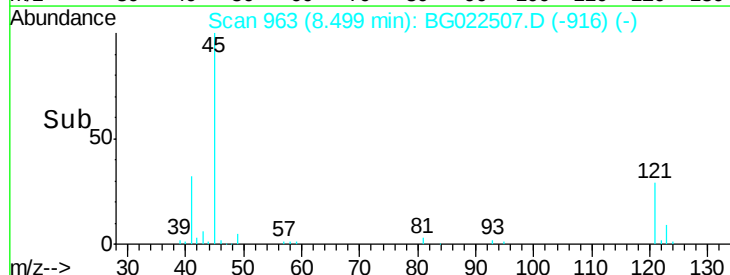
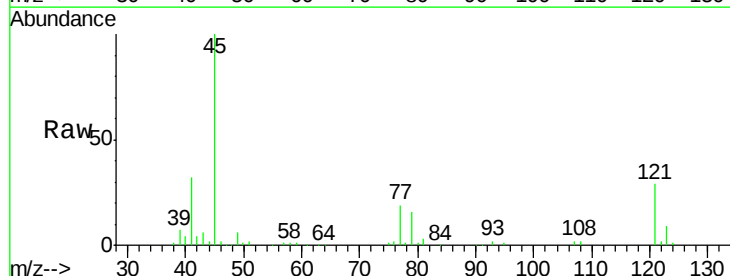
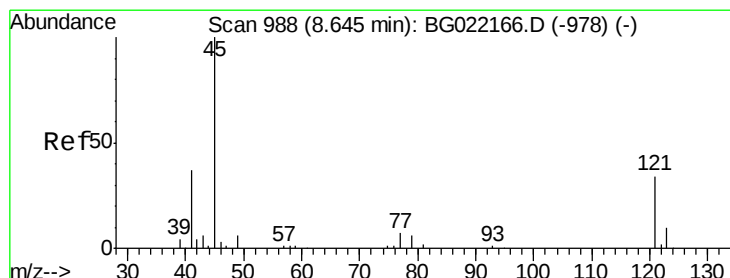
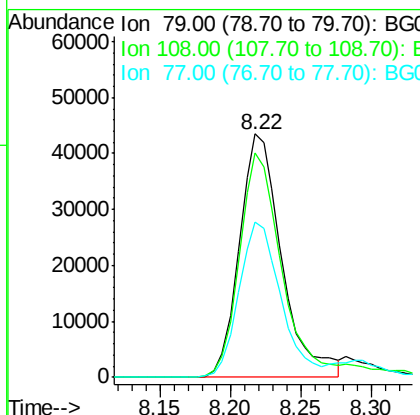
#15
Benzyl Alcohol
Concen: 45.15 ng
RT: 8.22 min Scan# 915
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tot Ion	Ratio	Lower	Upper
79	100		
108	92.1	59.4	89.0
77	63.9	52.2	78.2

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

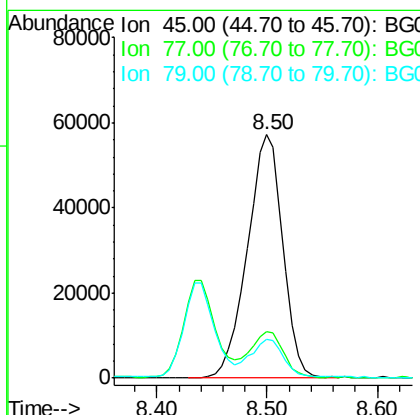
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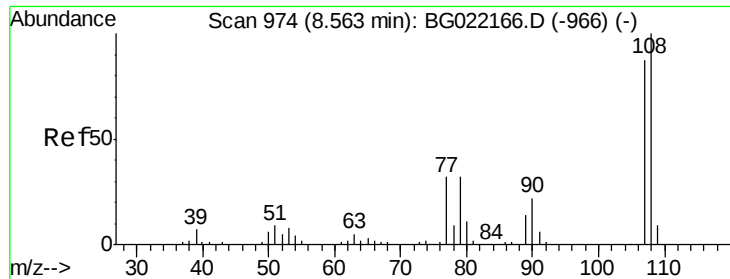
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.34 ng
RT: 8.50 min Scan# 963
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	31.2
79	16.0	0.0	29.0





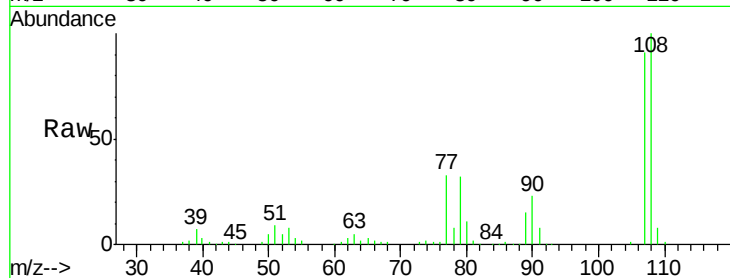
#17
2-Methylphenol
Concen: 51.59 ng
RT: 8.44 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

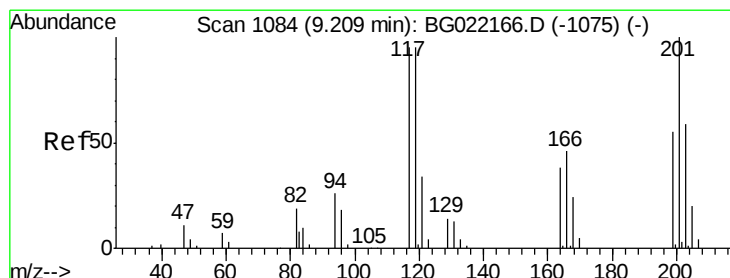
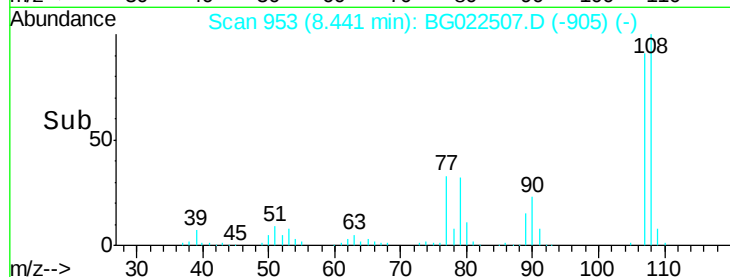
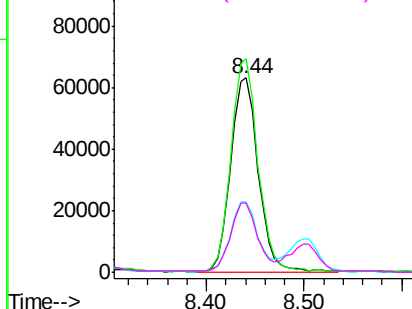
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.9	80.2	120.4	
77	36.2	40.7	61.1#	
79	35.3	39.8	59.8#	

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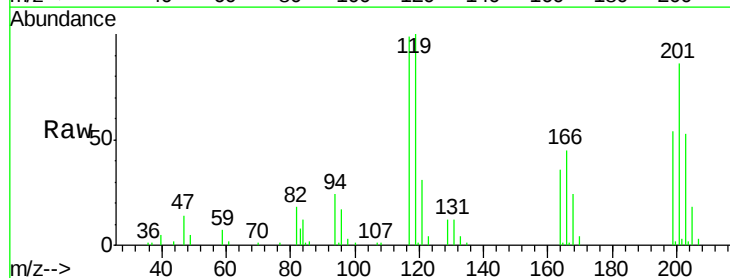


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

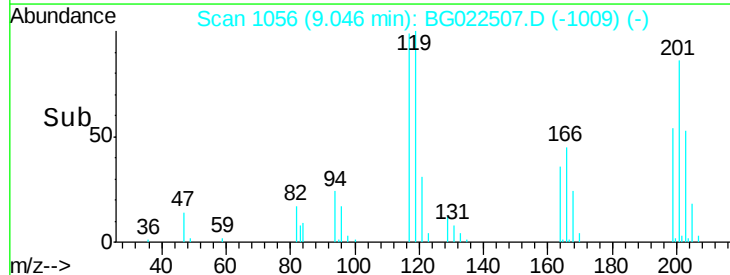
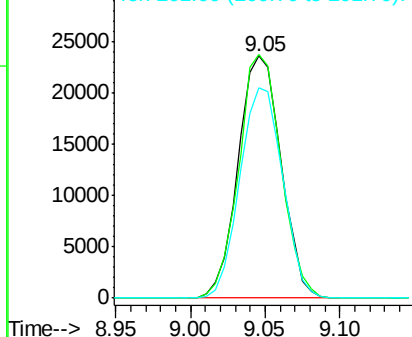


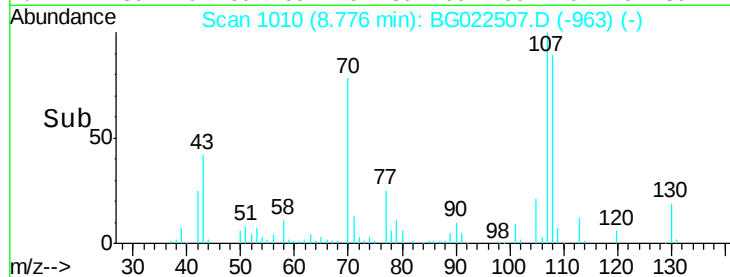
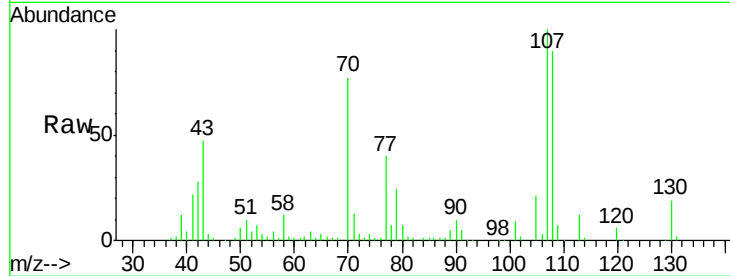
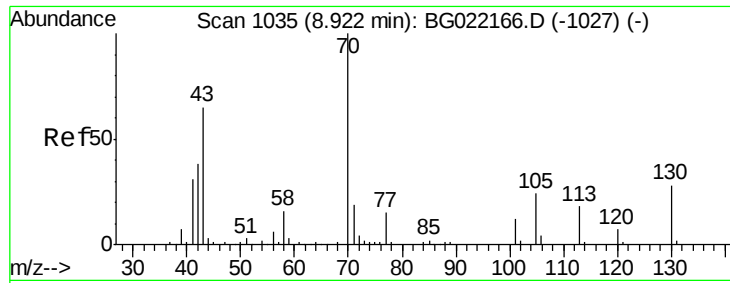
#18
Hexachloroethane
Concen: 43.76 ng
RT: 9.05 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.6	63.9	95.9#	
201	90.0	61.2	91.8	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





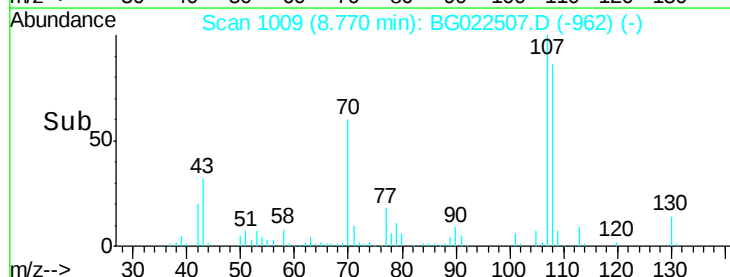
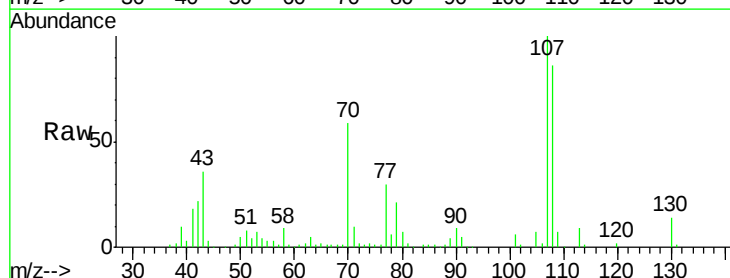
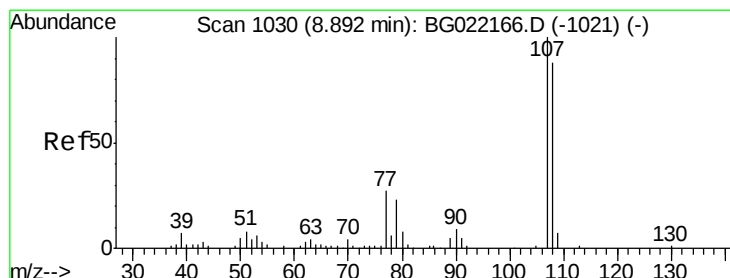
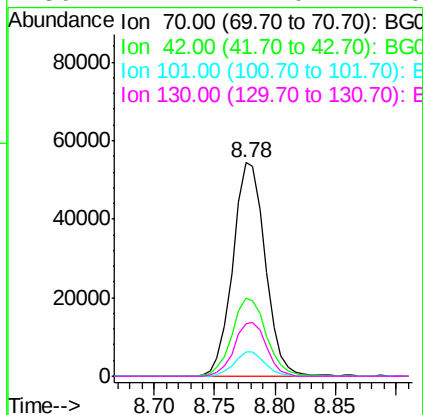
#19
n-Nitroso-di-n-propylamine
Concen: 48.22 ng
RT: 8.78 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		101892		
42	36.5	56.7	85.1#		
101	11.4	8.2	12.4		
130	24.4	14.0	21.0#		

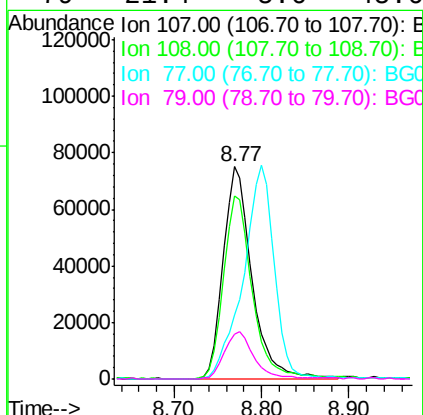
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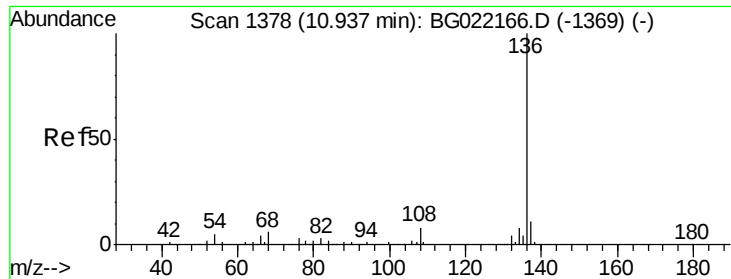
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#20
3+4-Methylphenols
Concen: 49.20 ng
RT: 8.77 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		169490		
108	86.2	66.2	106.2		
77	30.5	11.5	51.5		
79	21.4	5.6	45.6		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.79 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BG022507.D

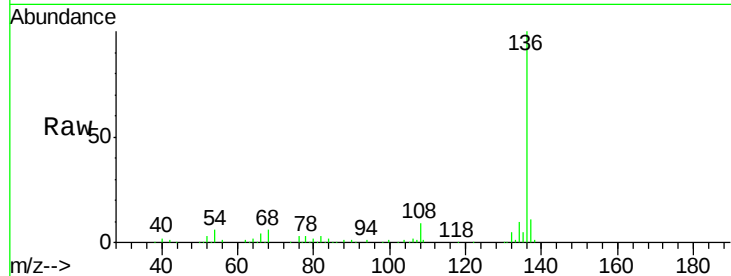
Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

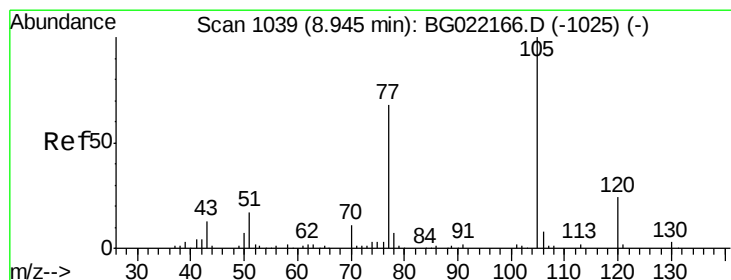
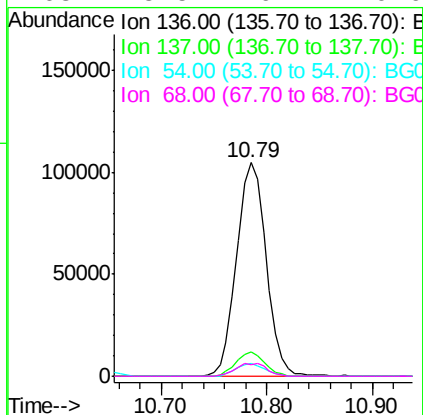
SC-STA-1442(0-4)MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.4	9.0	13.4		
54	6.1	9.6	14.4		
68	5.5	6.4	9.6		

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#22

Acetophenone

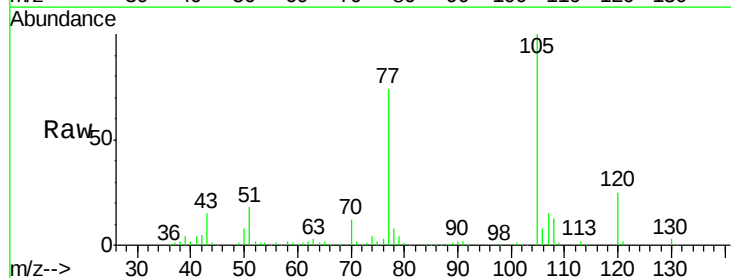
Concen: 45.48 ng

RT: 8.80 min Scan# 1014

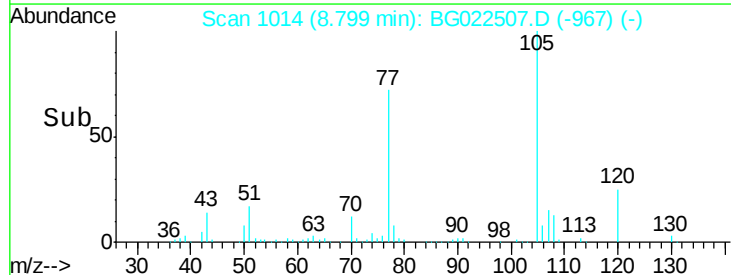
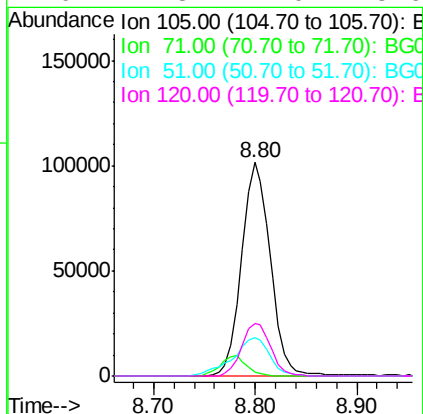
Delta R.T. -0.02 min

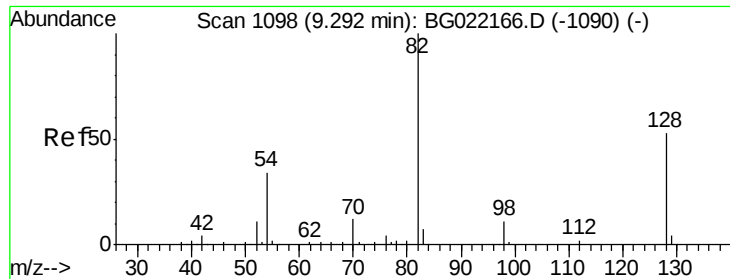
Lab File: BG022507.D

Acq: 23 Jun 2016 6:29



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	1.8	0.0	0.0		
51	17.7	25.7	38.5		
120	24.8	17.0	25.6		





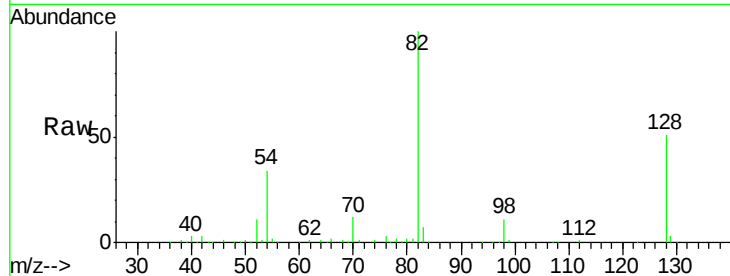
#23
 Nitrobenzene-d5
 Concen: 94.97 ng
 RT: 9.15 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MSD

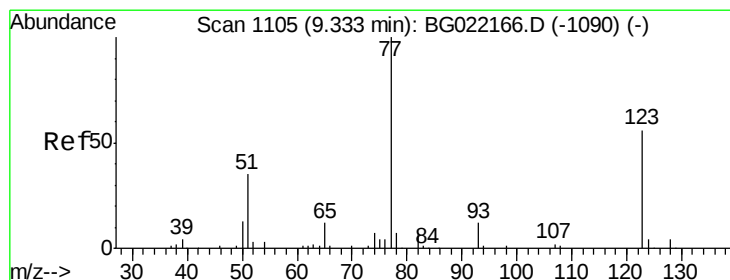
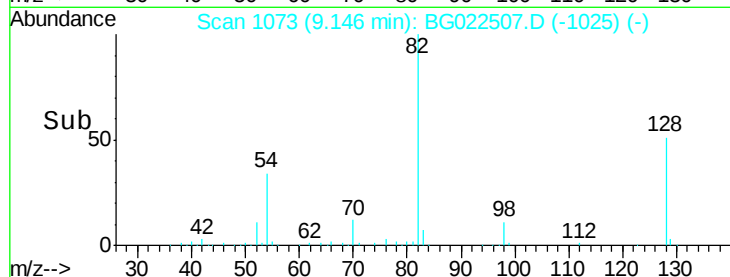
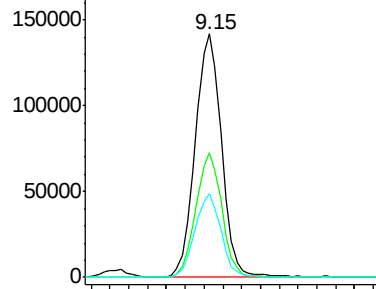
Tot Ion	Ratio	Resp	Lower	Upper
82	100	277076		
128	51.0	33.4	50.0#	
54	34.2	46.1	69.1#	

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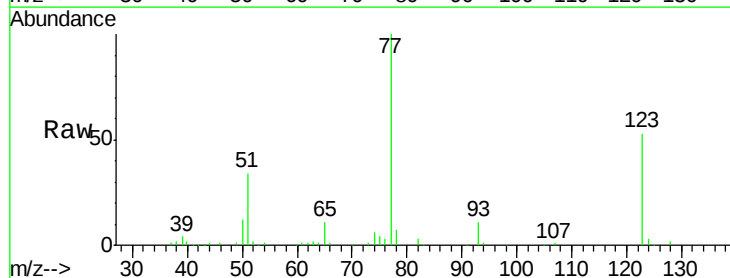


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

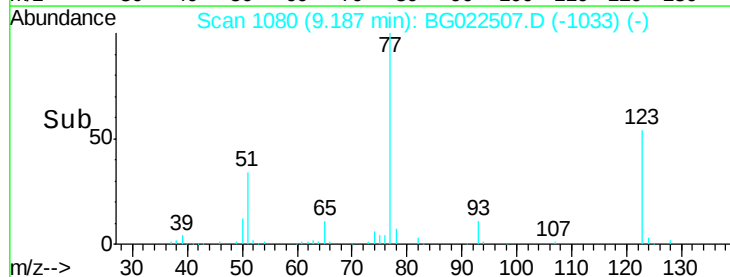
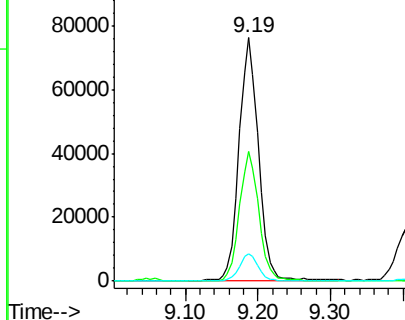


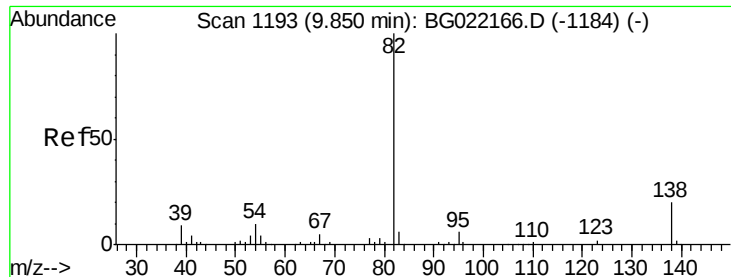
#24
 Nitrobenzene
 Concen: 48.85 ng
 RT: 9.19 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	143326		
123	53.2	32.2	48.4#	
65	11.3	10.3	15.5	



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 43.61 ng

RT: 9.71 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

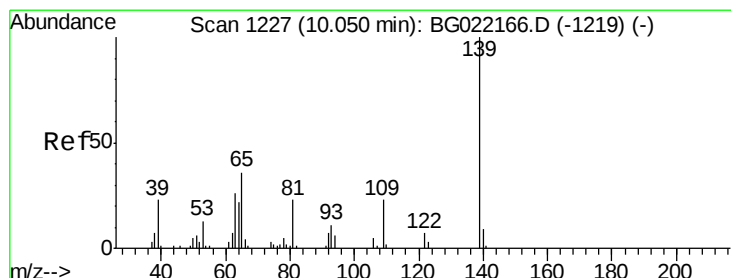
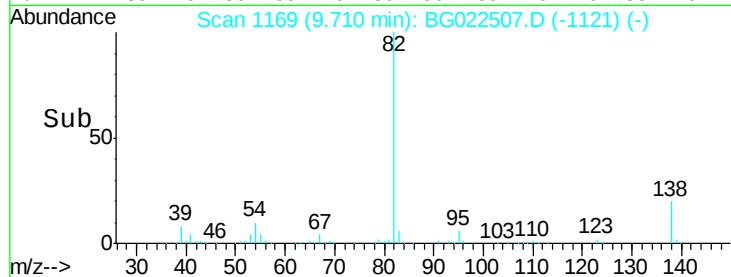
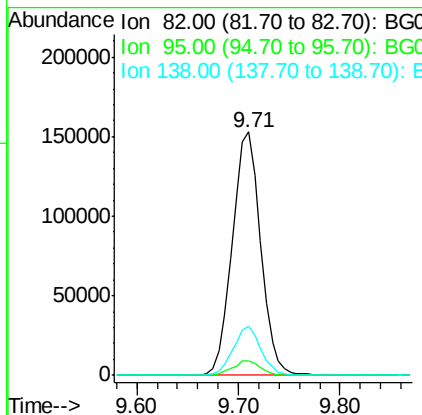
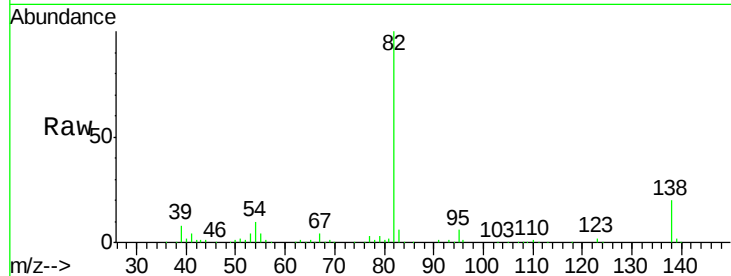
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion:	82	Resp:	297713
Ion Ratio	Lower	Upper	
82	100		
95	5.7	6.0	9.0#
138	19.9	13.4	20.0

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#26

2-Nitrophenol

Concen: 50.56 ng

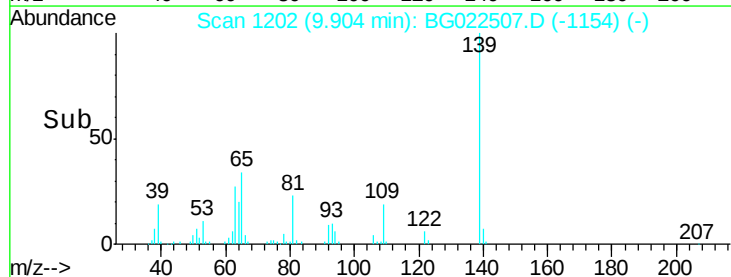
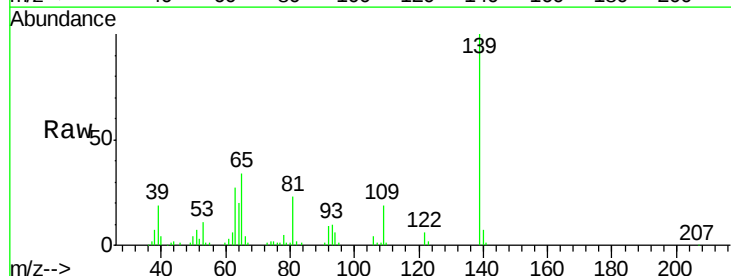
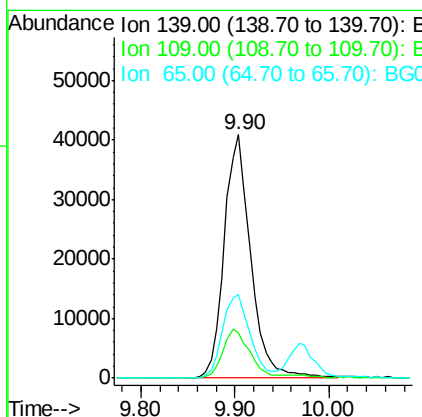
RT: 9.90 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:	139	Resp:	80435
Ion Ratio	Lower	Upper	
139	100		
109	18.5	26.6	40.0#
65	34.3	45.3	67.9#





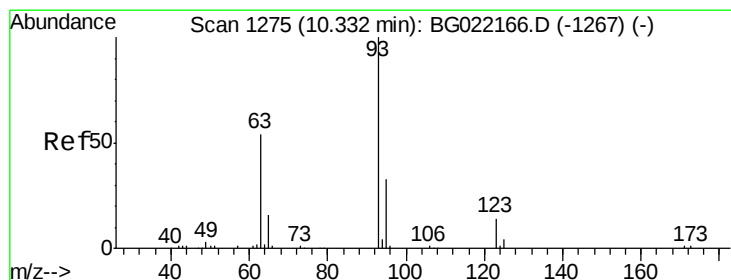
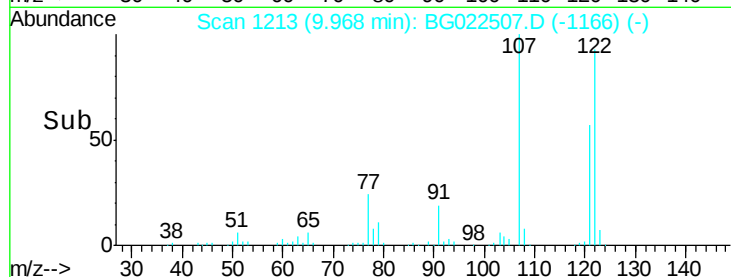
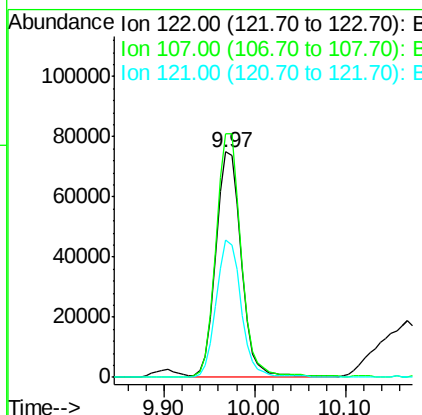
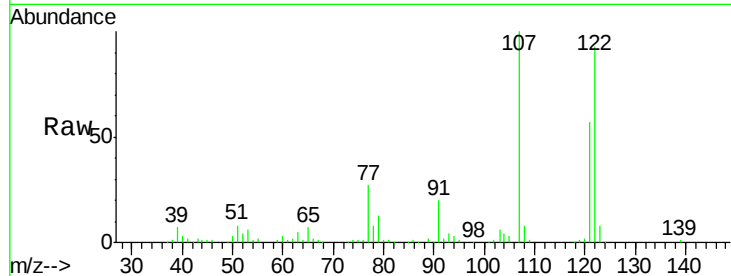
#27
2,4-Dimethylphenol
Concen: 50.28 ng
RT: 9.97 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		144778		
107	107.8	97.2	145.8		
121	61.1	49.0	73.4		

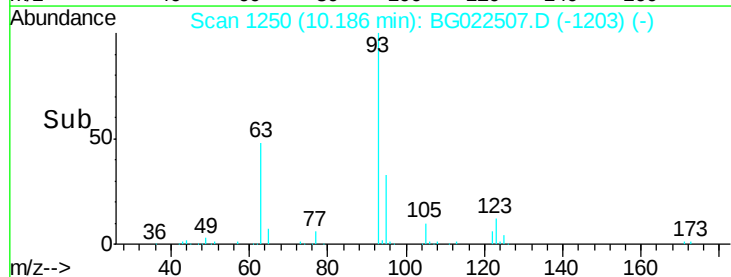
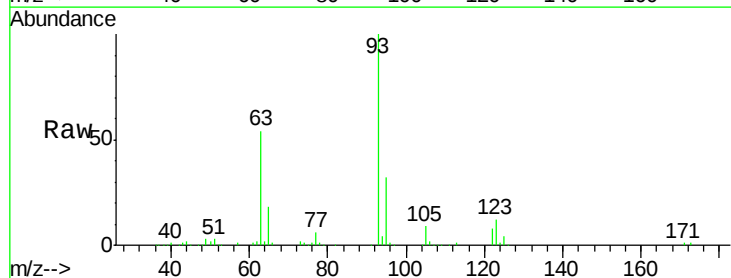
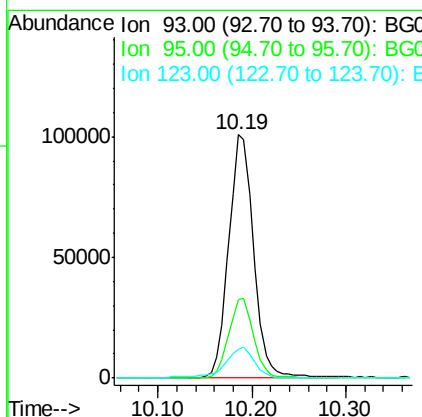
Manual Integrations
APPROVED

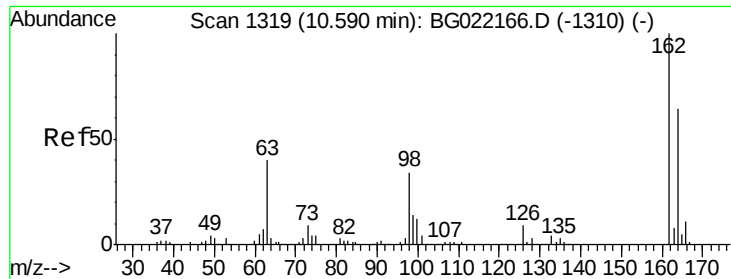
umangi
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#28
bis(2-Chloroethoxy)methane
Concen: 47.80 ng
RT: 10.19 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		186923		
95	32.3	30.1	45.1		
123	12.0	10.2	15.4		





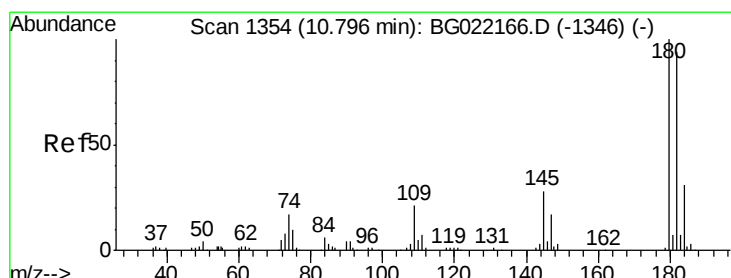
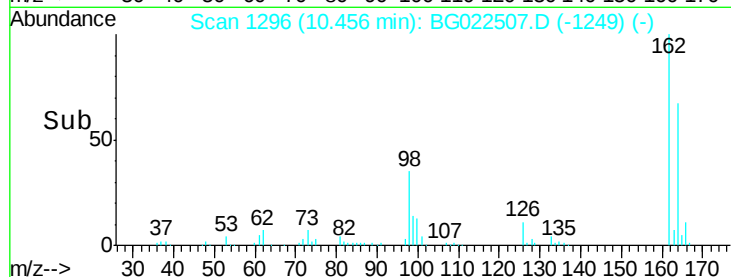
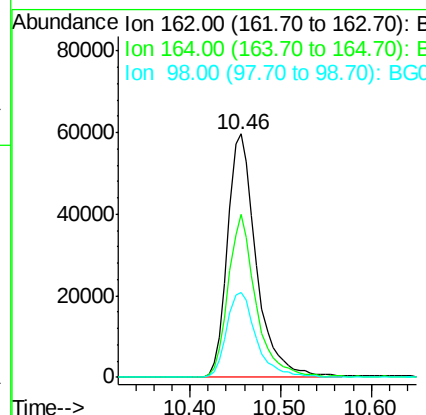
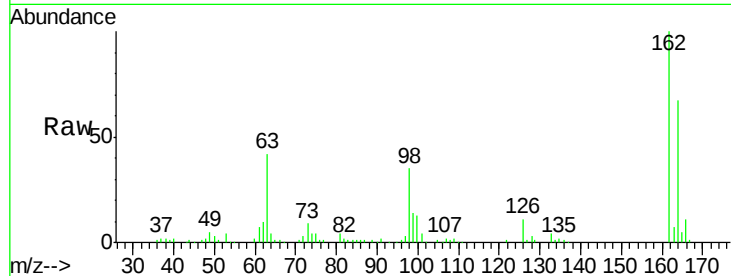
#29
 2,4-Dichlorophenol
 Concen: 49.39 ng
 RT: 10.46 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.7	44.9	84.9
98	35.0	19.2	59.2

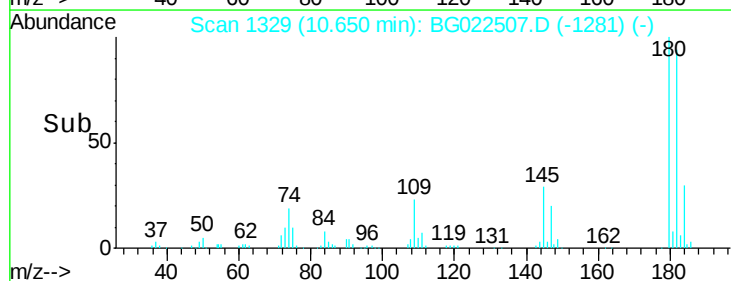
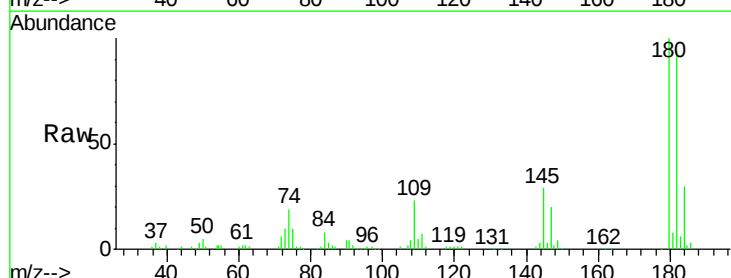
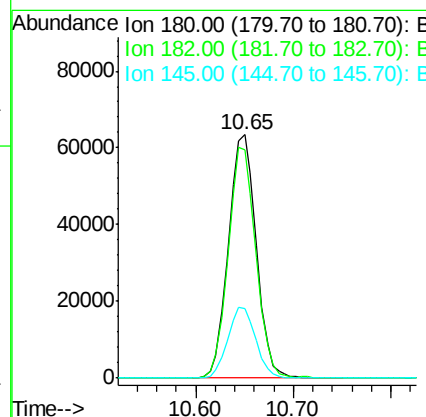
Manual Integrations
 APPROVED

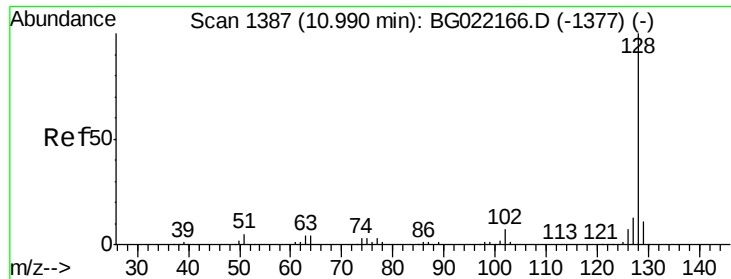
umangi
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.92 ng
 RT: 10.65 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	82.3	123.5
145	28.8	24.4	36.6





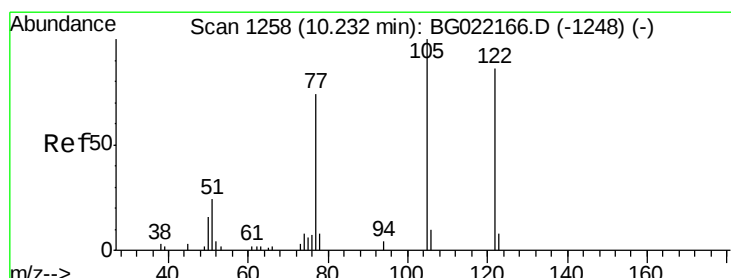
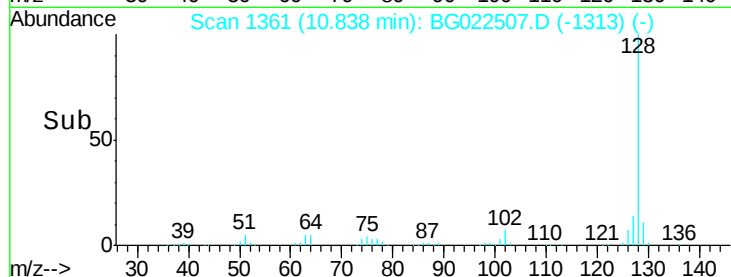
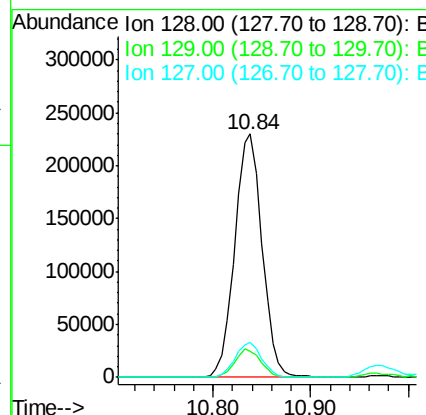
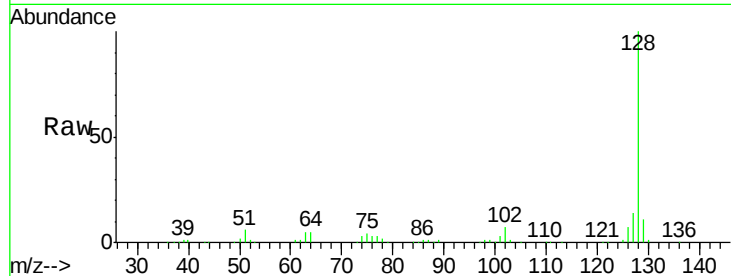
#31
Naphthalene
Concen: 44.15 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	7.0	10.6#
127	14.1	10.1	15.1

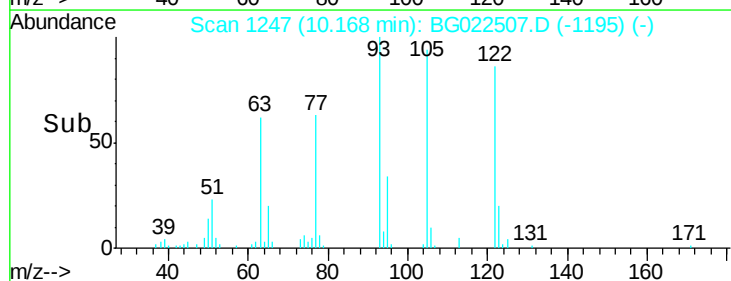
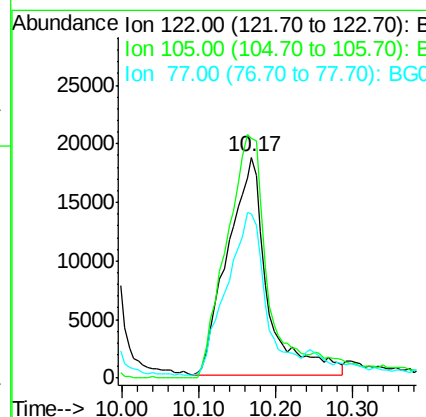
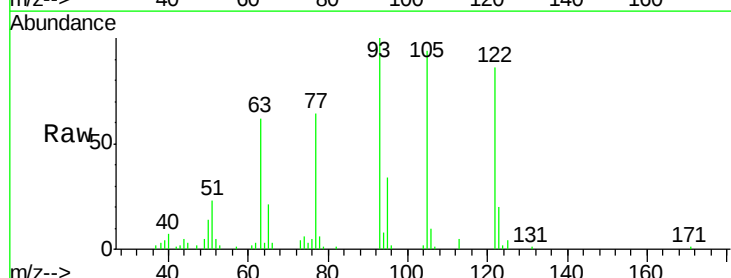
Manual Integrations
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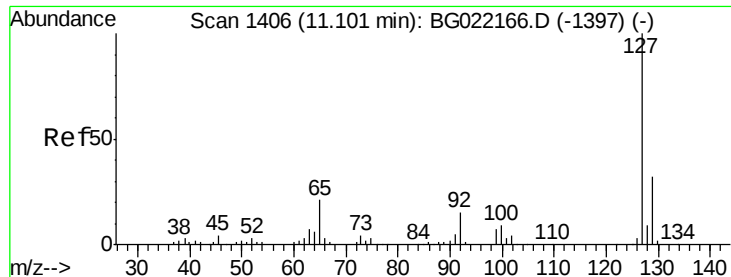
umangi
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#32
Benzoic acid
Concen: 60.52 ng
RT: 10.17 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.7	104.5	144.5
77	74.0	79.9	119.9#





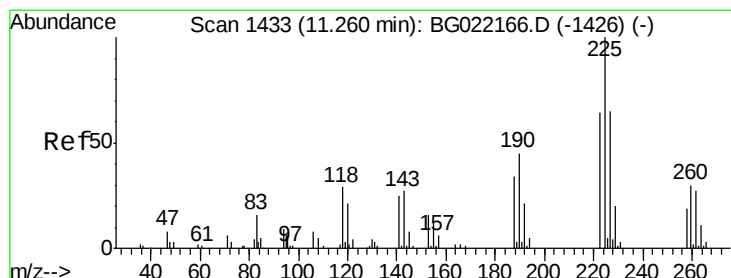
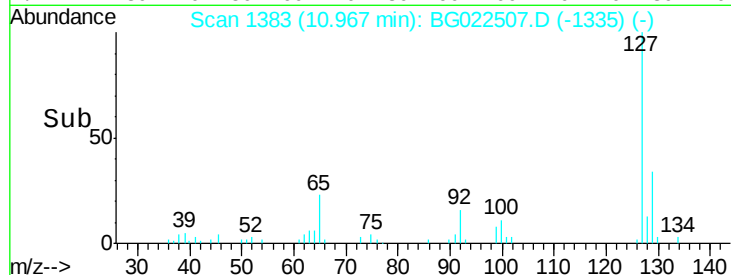
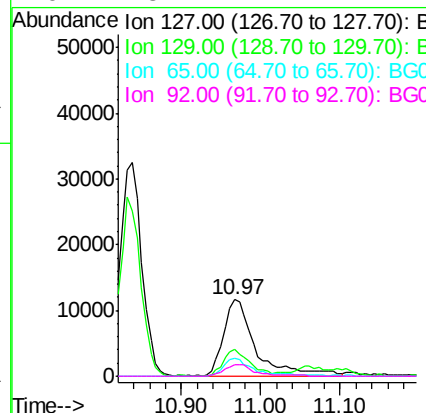
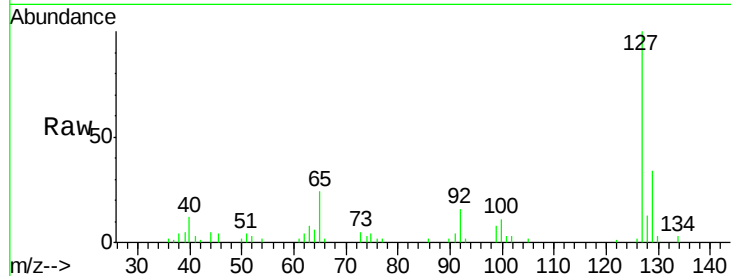
#33
4-Chloroaniline
Concen: 7.83 ng
RT: 10.97 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.4	26.6	39.8		
65	23.9	27.5	41.3		
92	15.7	14.7	22.1		

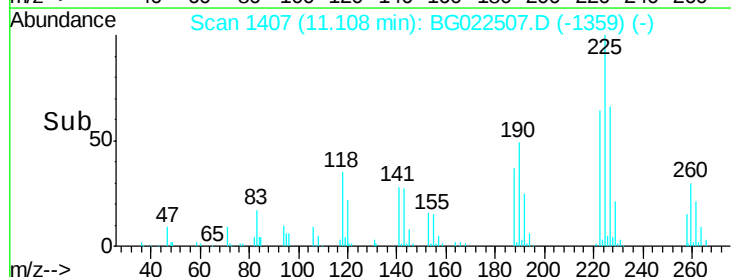
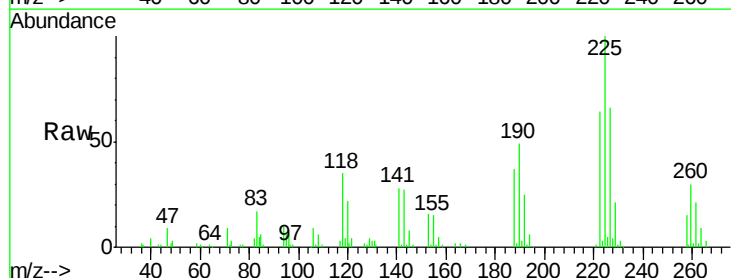
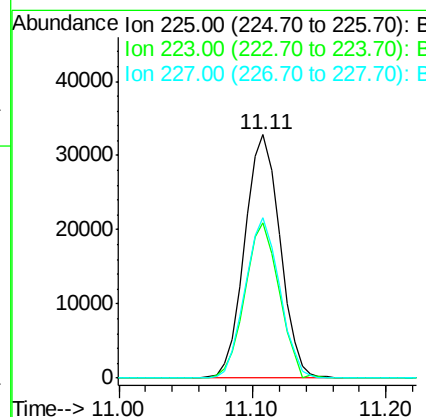
Manual Integrations
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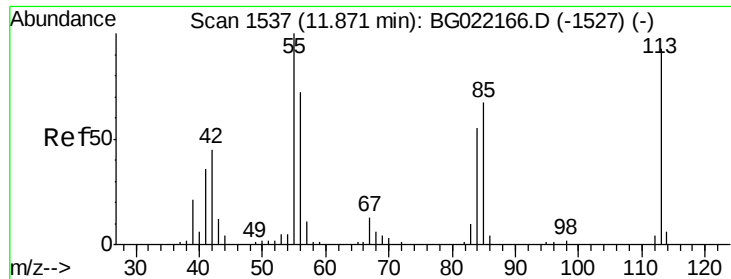
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#34
Hexachlorobutadiene
Concen: 37.42 ng
RT: 11.11 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	52.7	79.1		
227	66.2	49.7	74.5		





#35

Caprolactam

Concen: 28.78 ng/mL

RT: 11.75 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

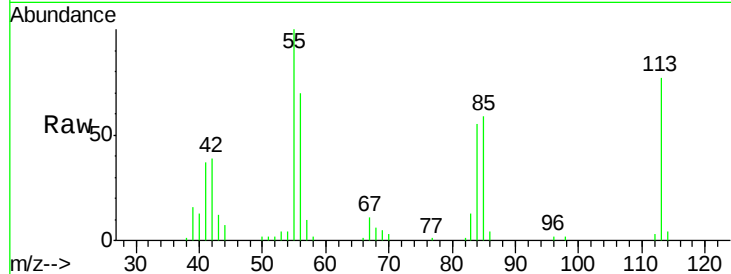
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion:	113	Resp:	42116
Ion Ratio	Lower	Upper	
113	100		
55	129.9	194.2	234.2#
56	90.5	122.6	162.6#

Manual Integrations
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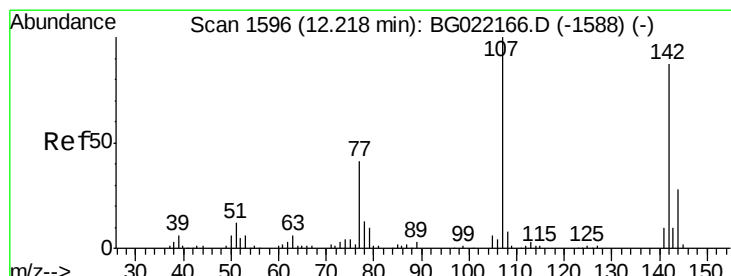
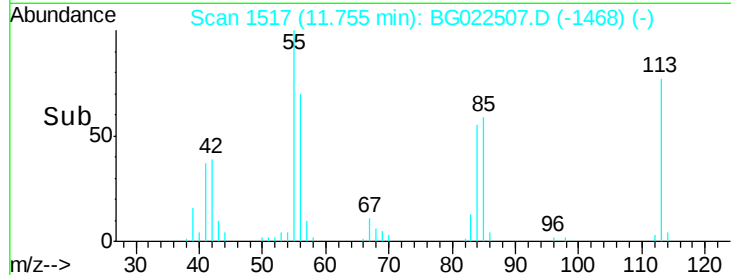
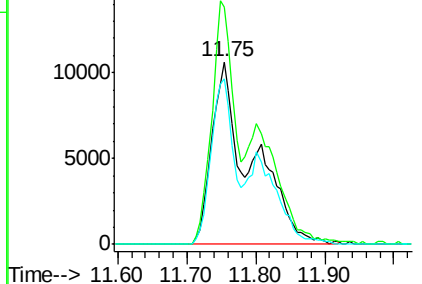
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.01 ng/mL

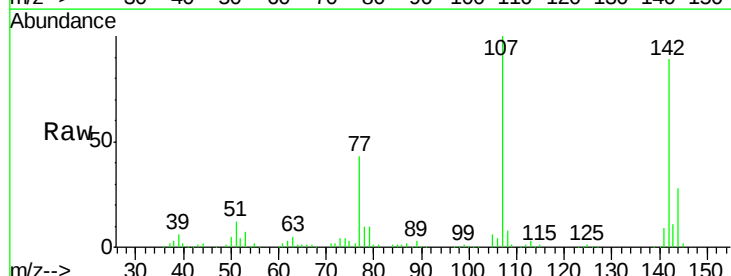
RT: 12.11 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

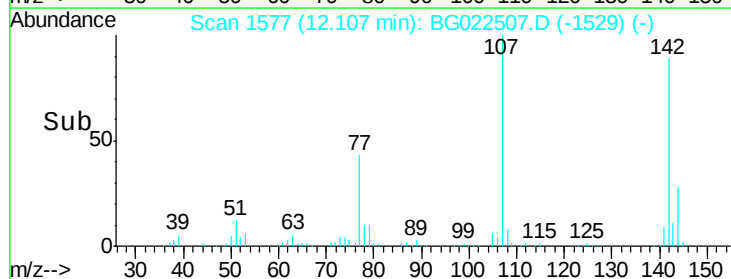
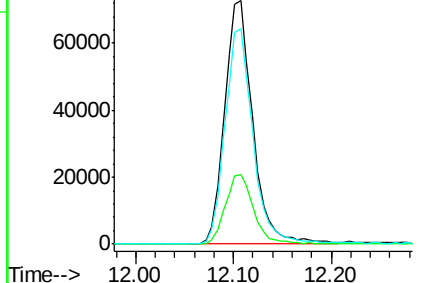
Tgt Ion:	107	Resp:	145474
Ion Ratio	Lower	Upper	
107	100		
144	28.4	19.2	28.8
142	88.6	59.1	88.7

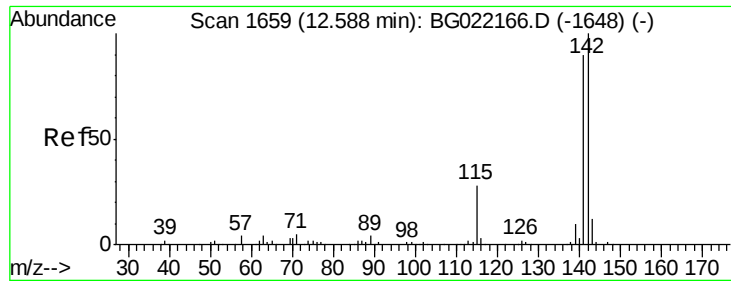


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





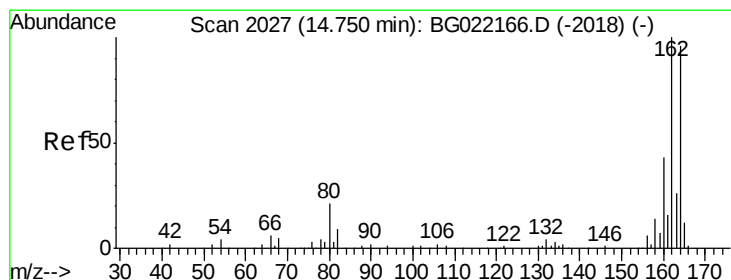
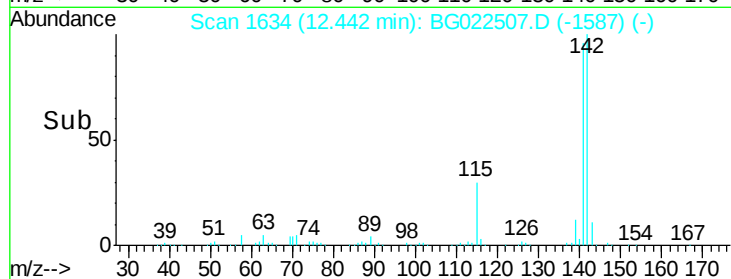
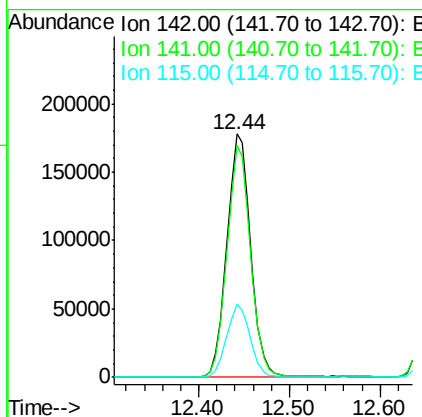
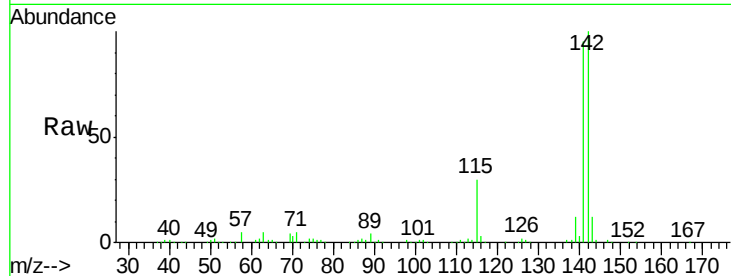
#37
2-Methylnaphthalene
Concen: 43.49 ng
RT: 12.44 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.3	71.4	107.0
115	30.2	27.4	41.2

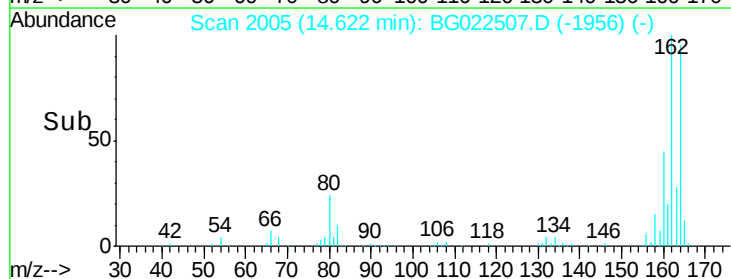
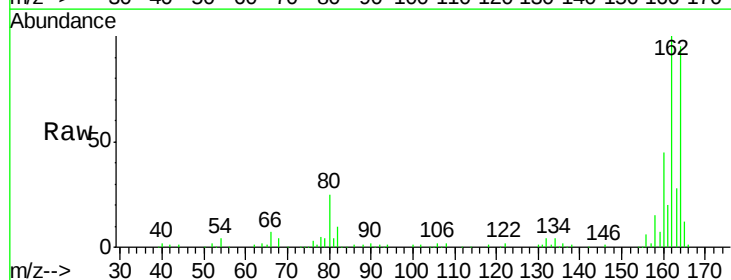
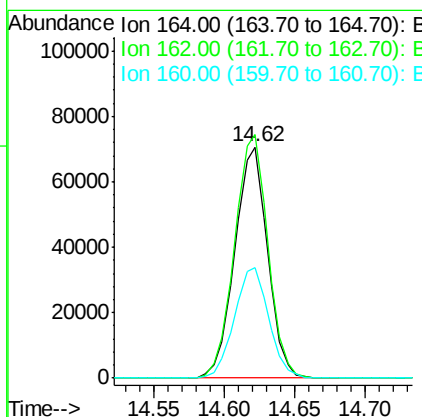
Manual Integrations
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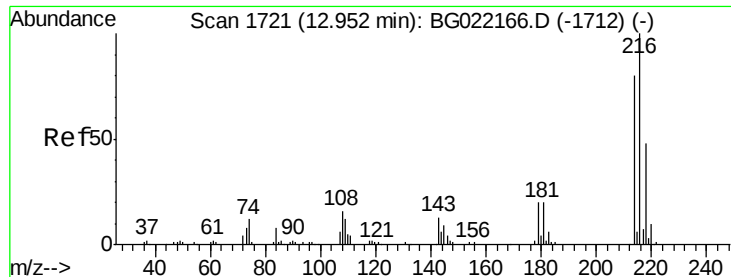
umangi
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.0	117.0
160	47.8	32.9	49.3





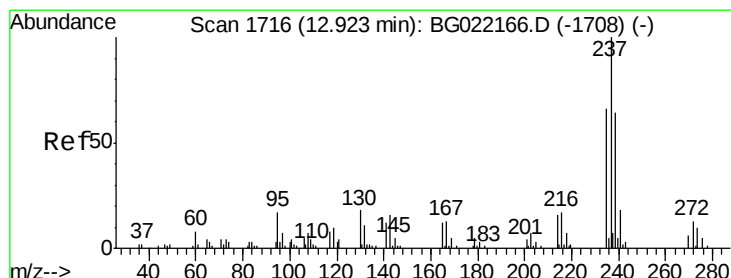
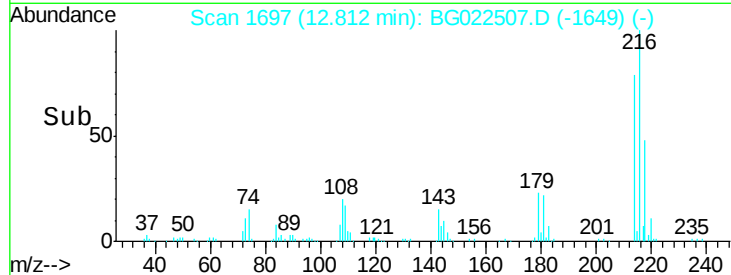
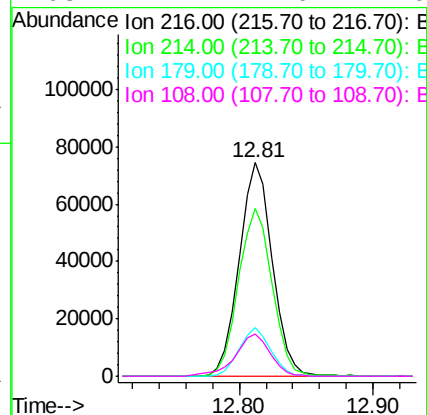
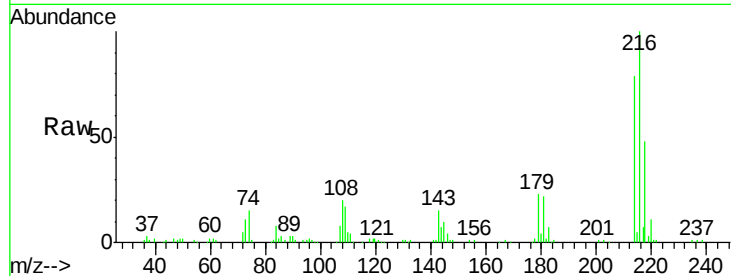
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.29 ng
 RT: 12.81 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.0		62.2	93.2	
179	22.0		16.7	25.1	
108	21.1		14.0	21.0	

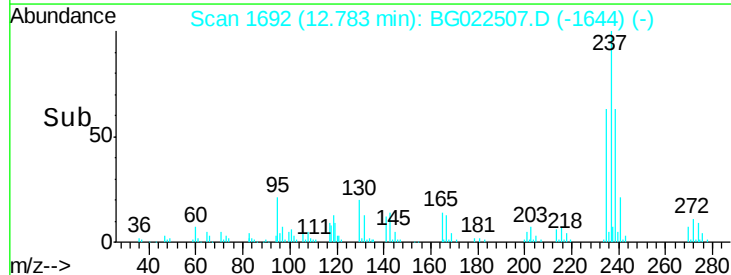
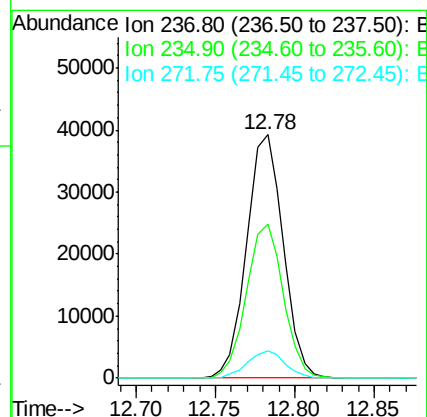
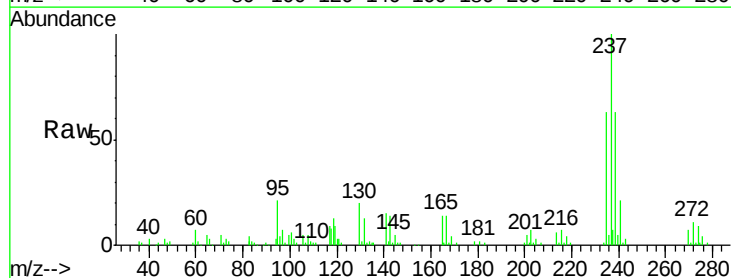
Manual Integrations
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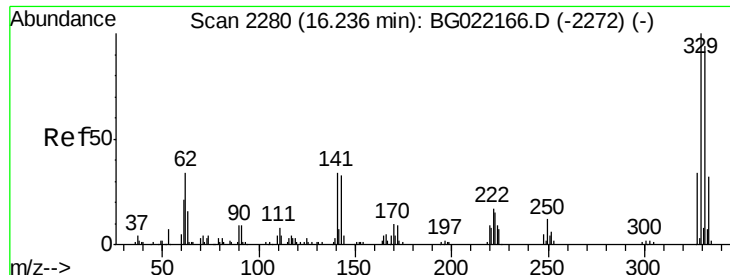
umangi
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#40
 Hexachlorocyclopentadiene
 Concen: 44.32 ng
 RT: 12.78 min Scan# 1692
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.4		43.2	83.2	
272	11.3		0.0	33.4	





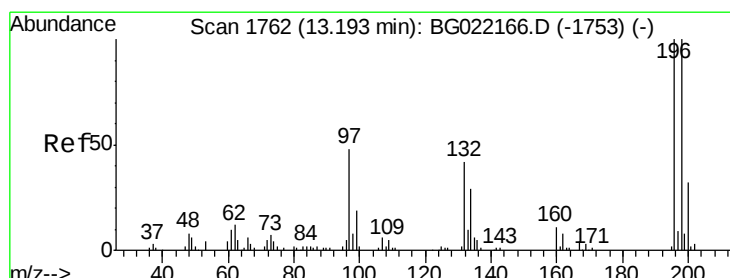
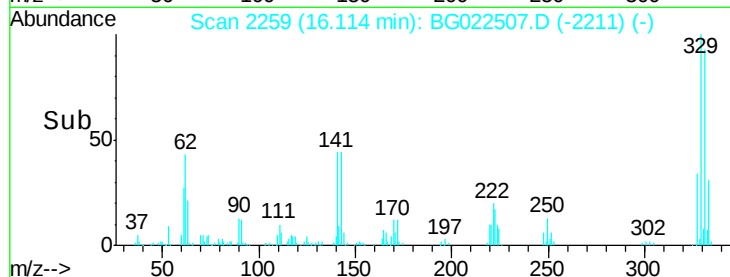
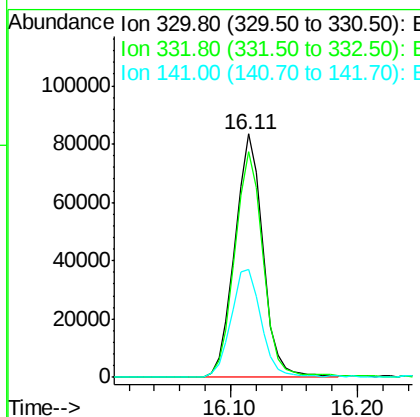
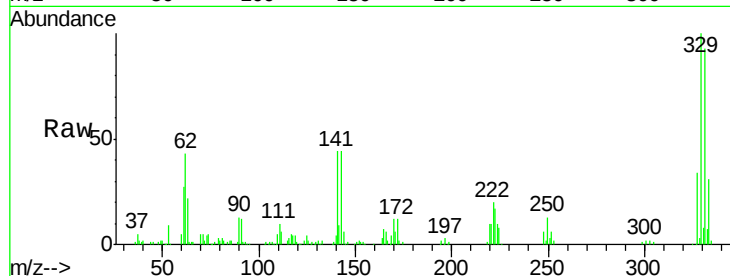
#41
 2,4,6-Tribromophenol
 Concen: 99.12 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.5	78.0	117.0	
141	47.6	33.8	50.8	

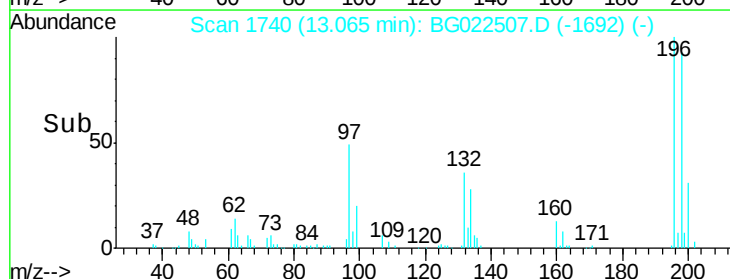
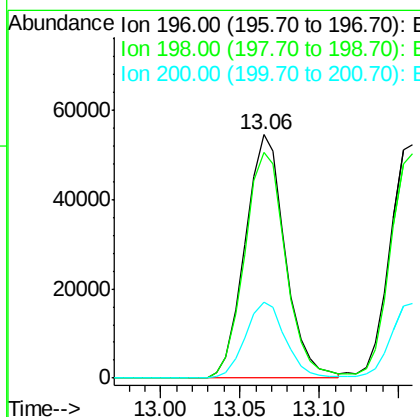
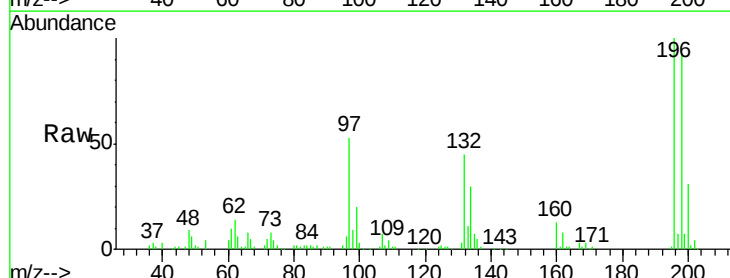
Manual Integrations
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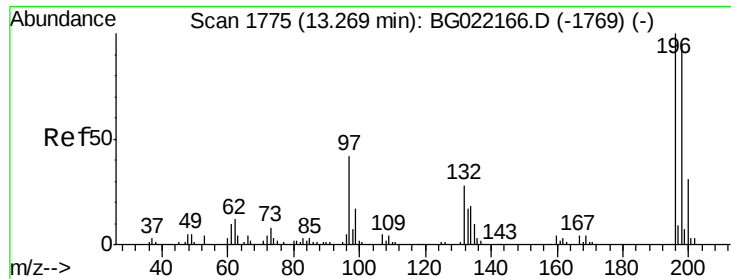
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#42
 2,4,6-Trichlorophenol
 Concen: 48.32 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.7	80.1	120.1	
200	31.0	24.1	36.1	





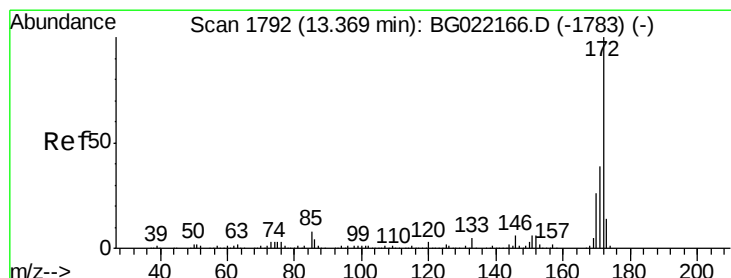
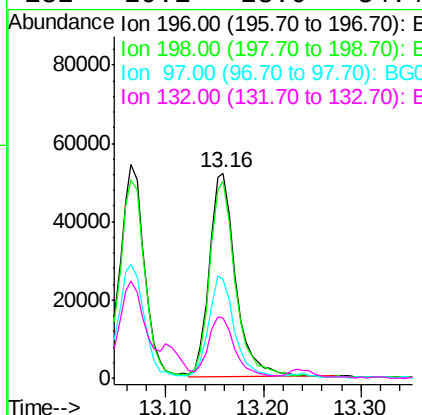
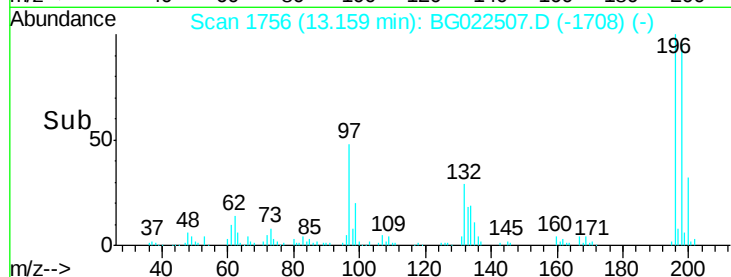
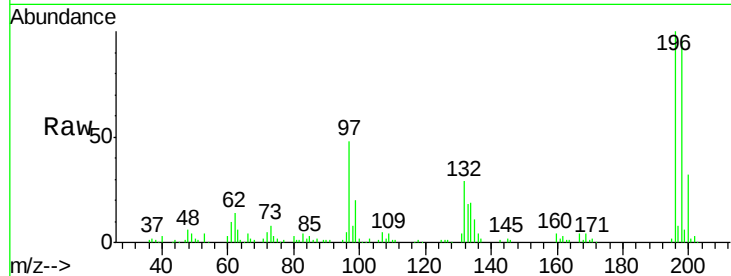
#43
 2,4,5-Trichlorophenol
 Concen: 44.56 ng
 RT: 13.16 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		97290		
198	96.1	78.0	117.0		
97	48.0	43.0	64.6		
132	29.1	23.0	34.4		

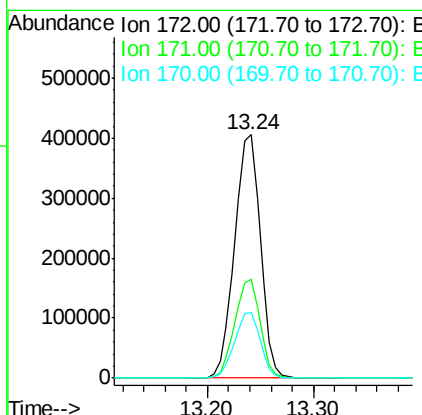
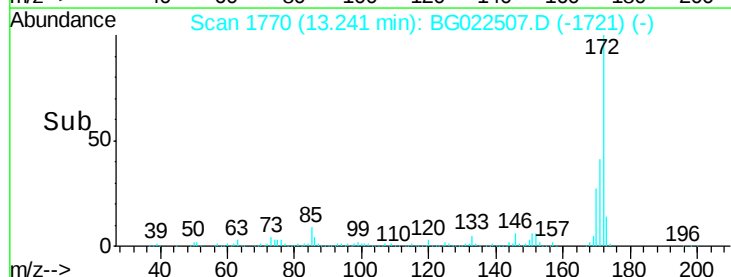
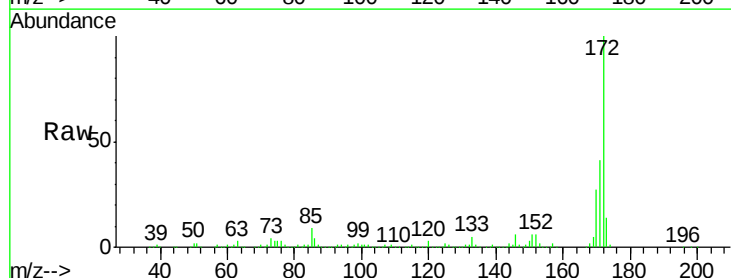
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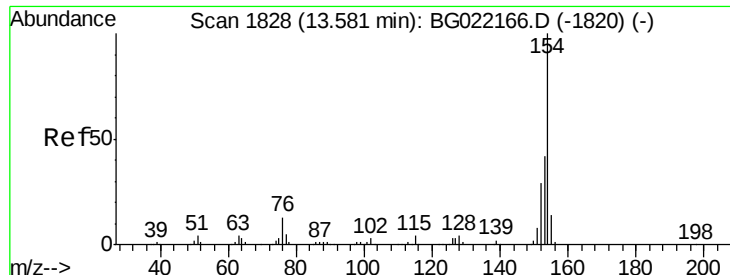
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#44
 2-Fluorobiphenyl
 Concen: 91.05 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		683716		
171	40.8	27.8	41.6		
170	27.2	19.6	29.4		





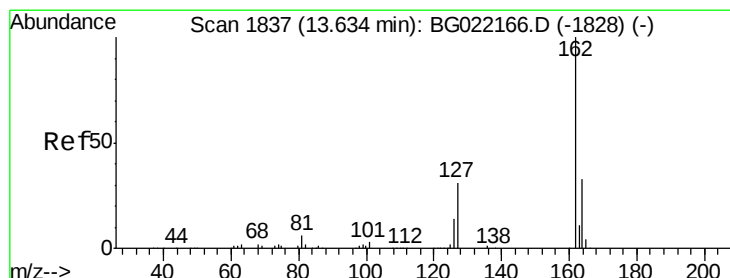
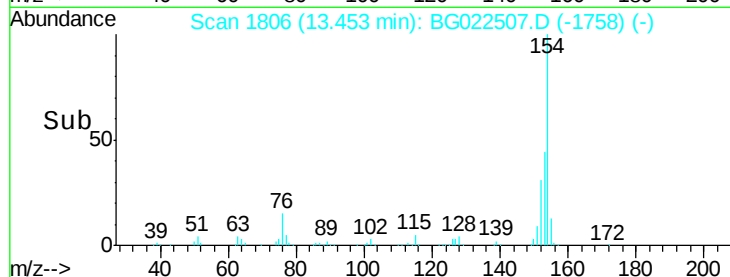
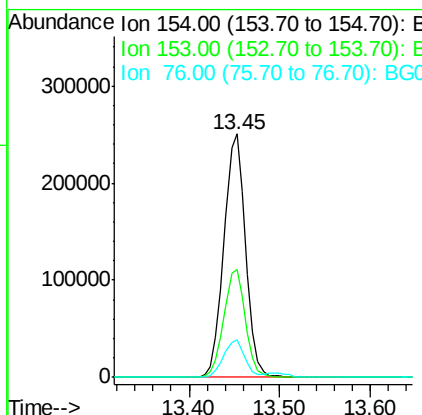
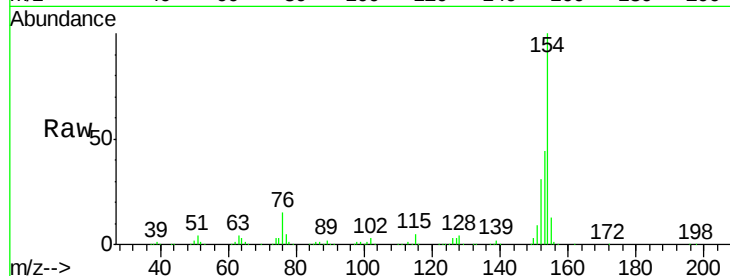
#45
1,1'-Biphenyl
Concen: 48.10 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.2	19.7	59.7
76	15.4	0.0	33.0

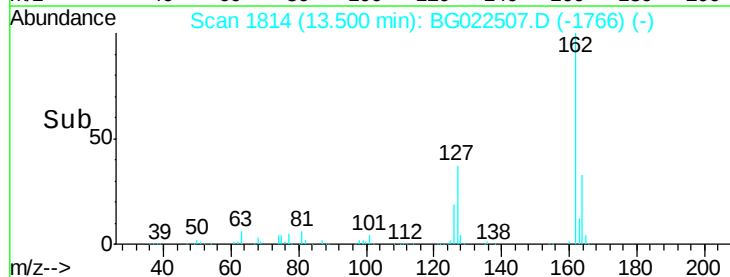
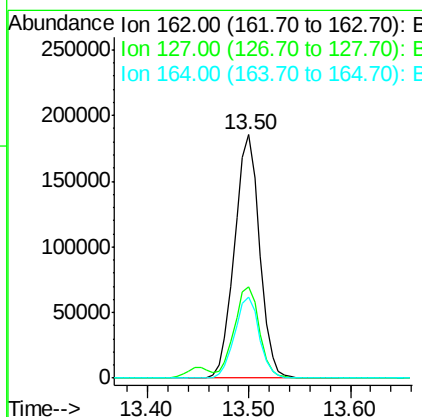
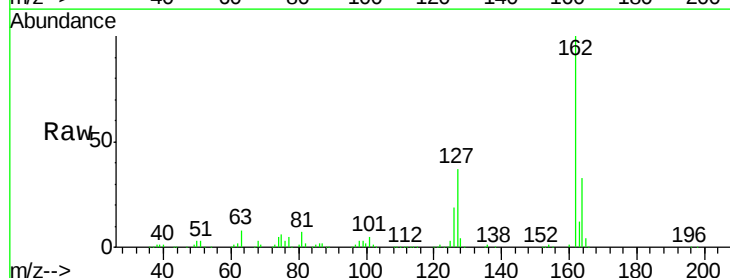
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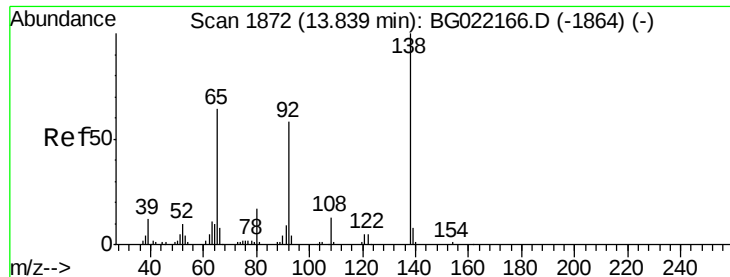
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#46
2-Chloronaphthalene
Concen: 48.23 ng
RT: 13.50 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.3	32.0	48.0
164	33.3	27.0	40.4





#47

2-Nitroaniline

Concen: 50.82 ng

RT: 13.72 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

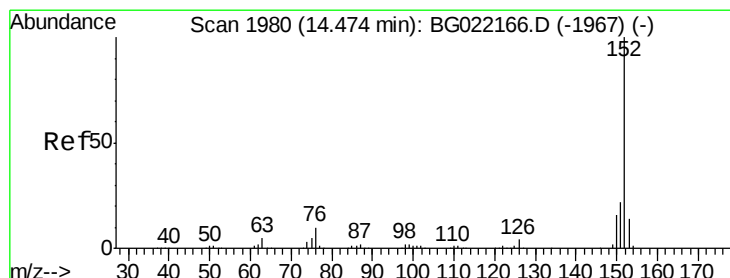
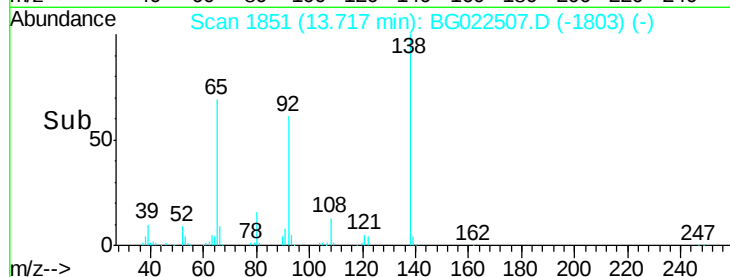
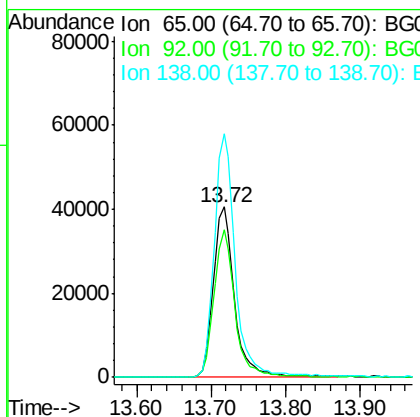
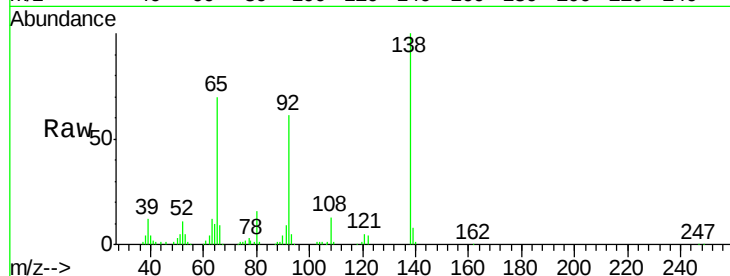
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion:	65	Resp:	79998
Ion Ratio	Lower	Upper	
65	100		
92	86.7	49.2	73.8#
138	142.7	75.0	112.6#

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#48

Acenaphthylene

Concen: 45.79 ng

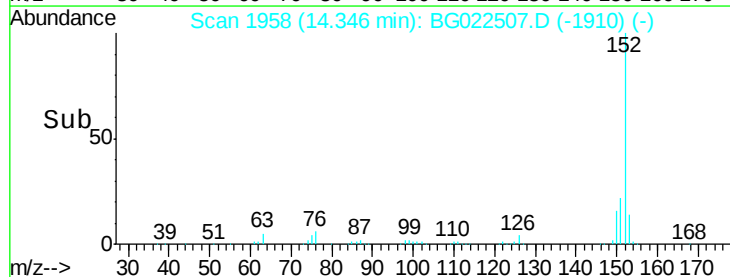
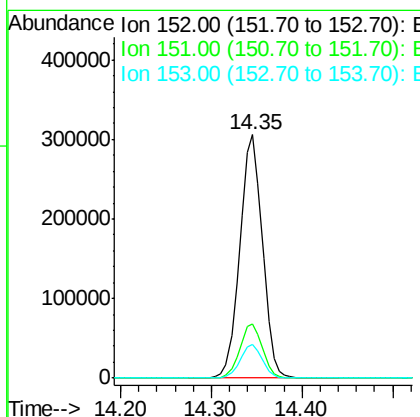
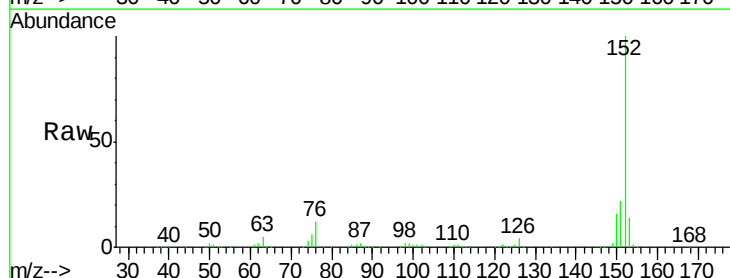
RT: 14.35 min Scan# 1958

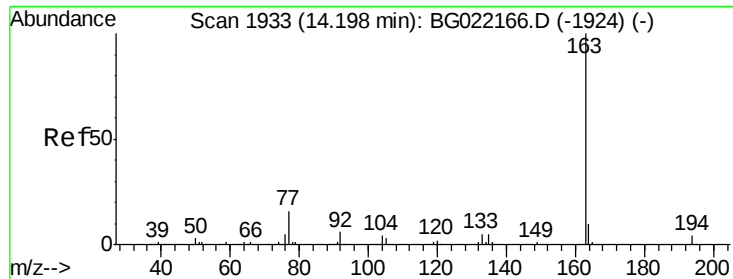
Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:	152	Resp:	530378
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.6	24.8
153	13.7	10.2	15.2





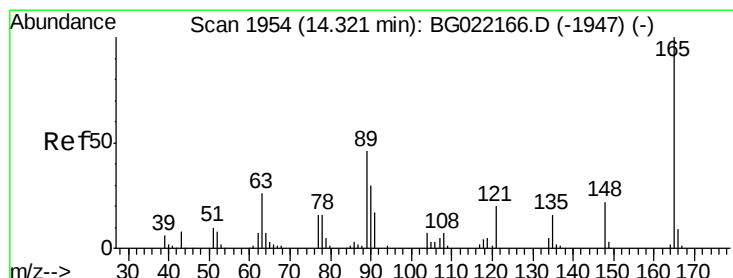
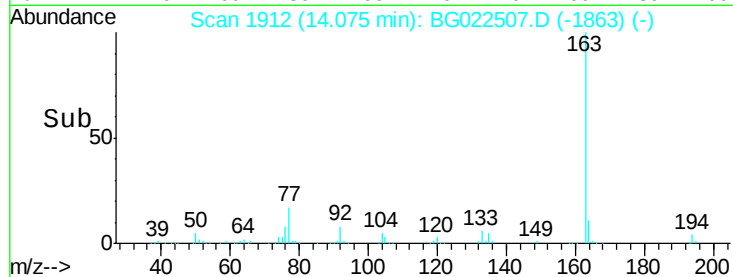
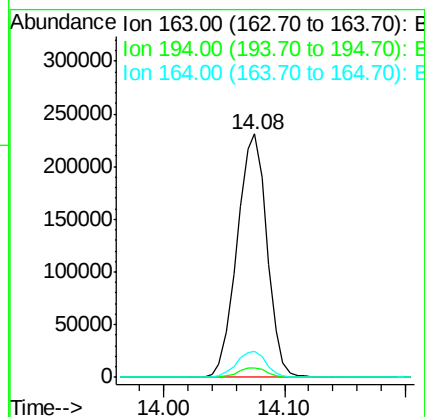
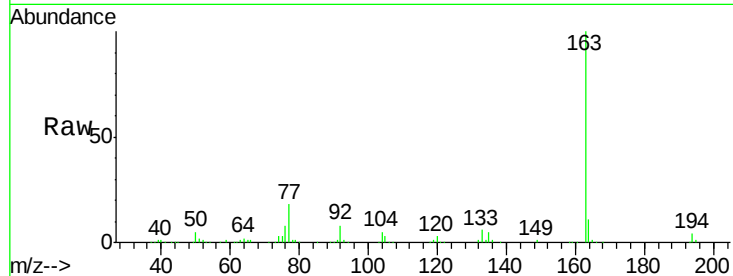
#49
Dimethylphthalate
Concen: 41.99 ng
RT: 14.08 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.6	8.1	12.1

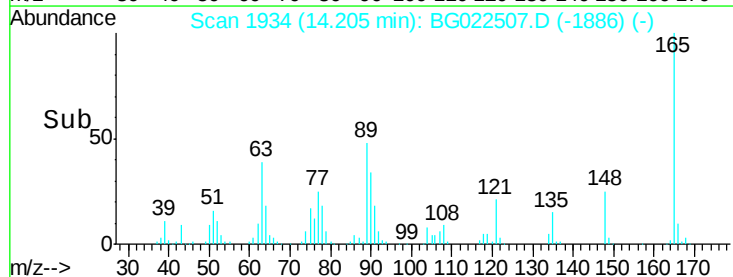
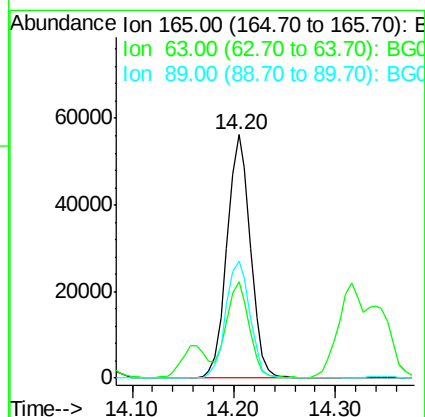
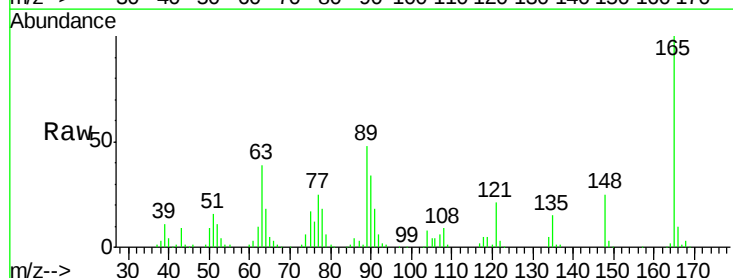
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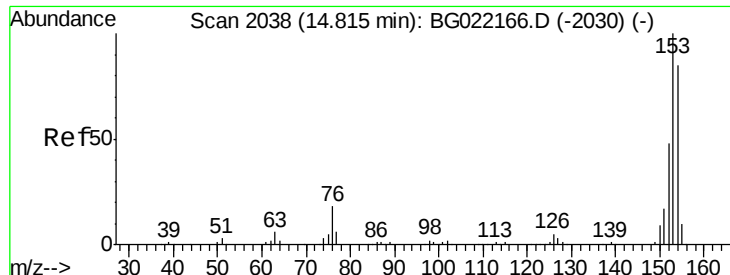
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#50
2,6-Dinitrotoluene
Concen: 43.73 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	39.4	48.2	72.4#
89	48.1	45.3	67.9





#51

Acenaphthene

Concen: 45.34 ng

RT: 14.68 min Scan# 2015

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

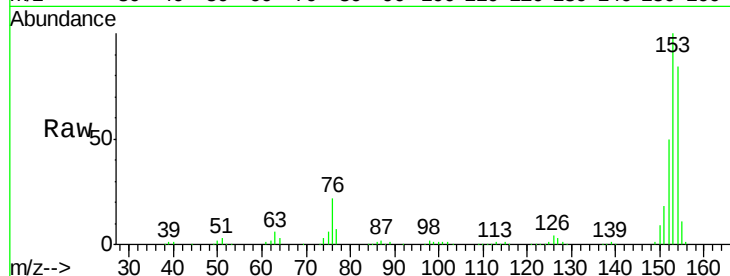
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion:	154	Resp:	314640
Ion Ratio	Lower	Upper	
154	100		
153	119.6	91.9	137.9
152	59.7	42.0	63.0

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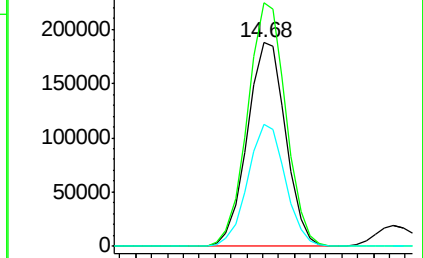
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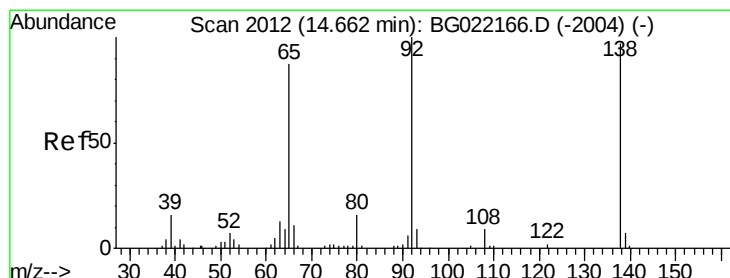
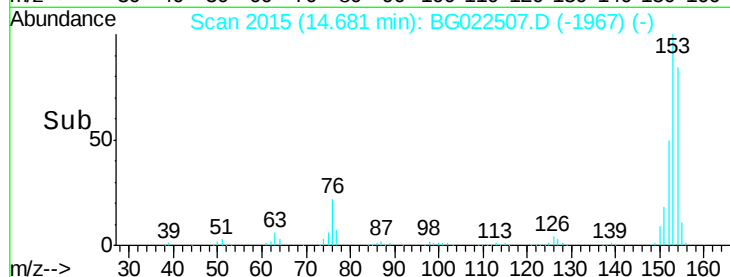
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 13.57 ng

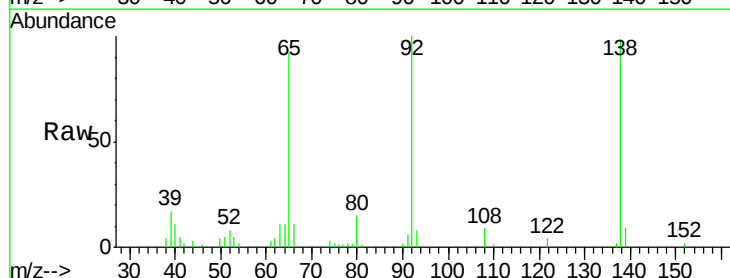
RT: 14.55 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

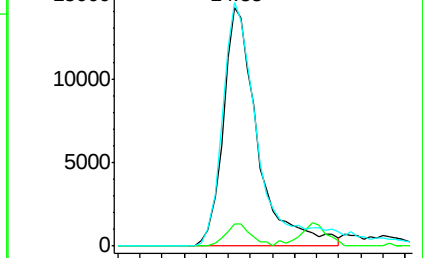
Tgt Ion:	138	Resp:	31040
Ion Ratio	Lower	Upper	
138	100		
108	9.5	9.1	13.7
92	102.0	102.6	154.0#



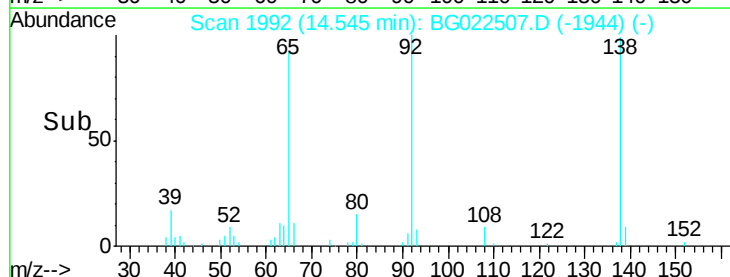
Abundance Ion 138.00 (137.70 to 138.70): E

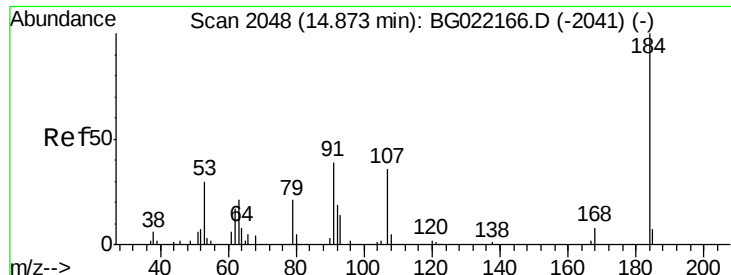
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG



Time-->





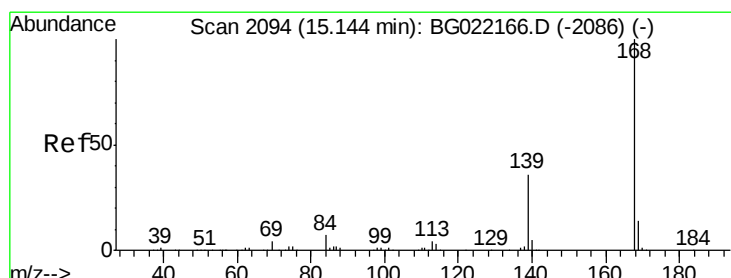
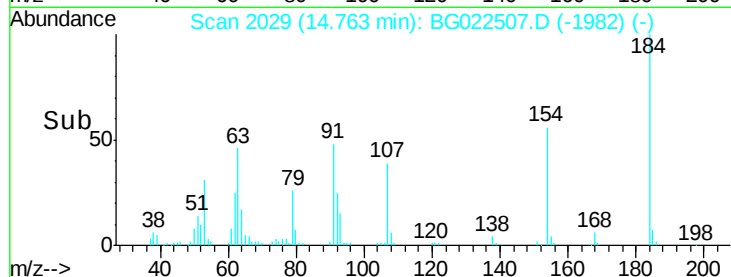
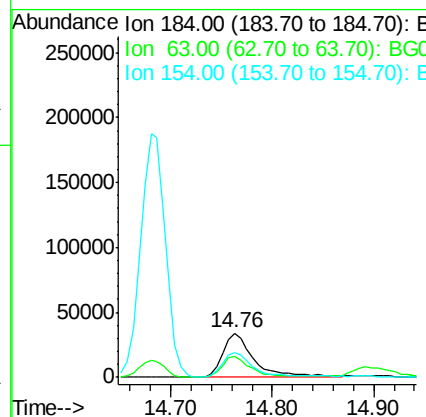
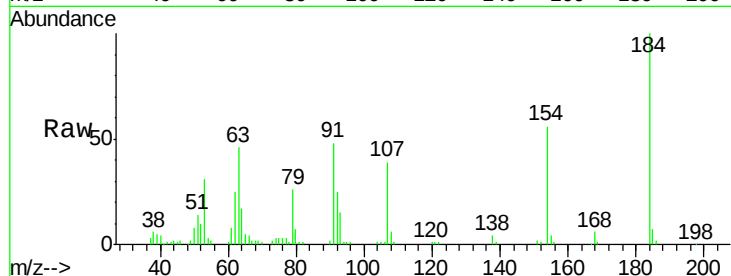
#53
 2,4-Dinitrophenol
 Concen: 85.69 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	46.2	57.3	85.9#
154	56.2	55.2	82.8

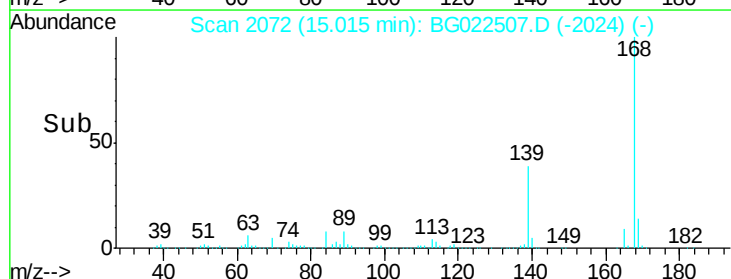
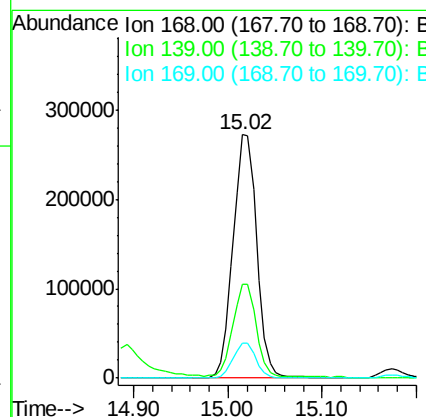
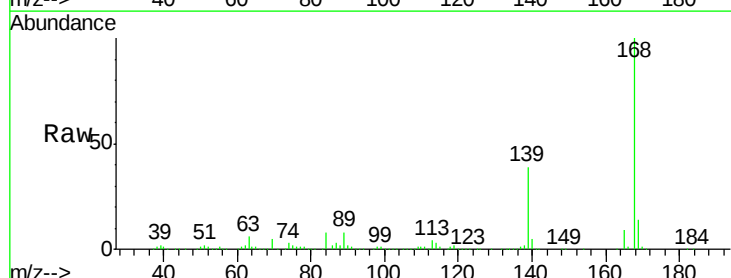
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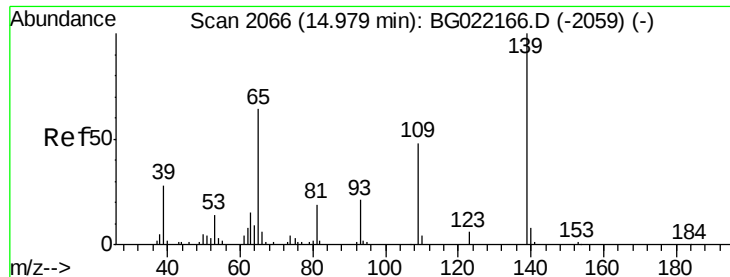
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#54
 Dibenzofuran
 Concen: 44.15 ng
 RT: 15.02 min Scan# 2072
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.1	46.7
169	14.2	11.0	16.6





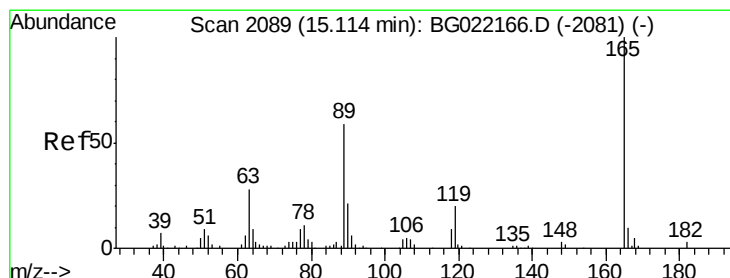
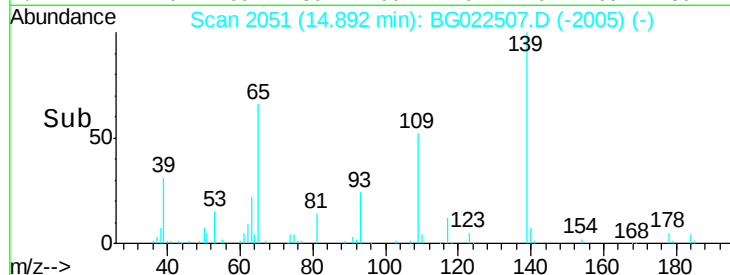
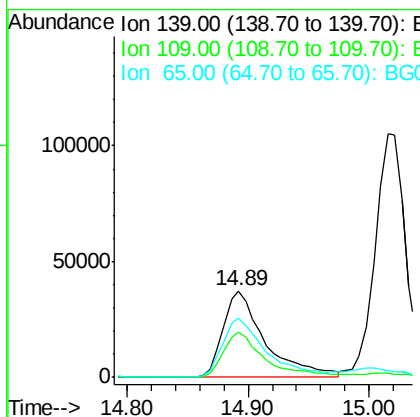
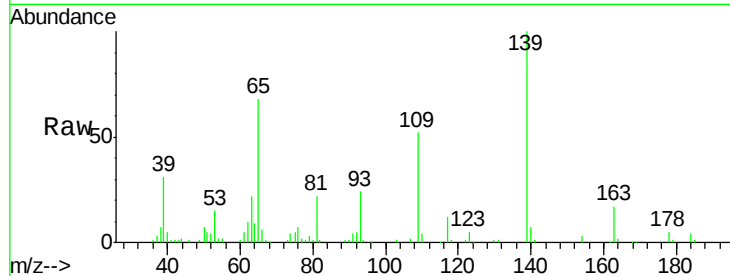
#55
4-Nitrophenol
Concen: 56.62 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.03 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	89399		
109	51.5	49.2	89.2	
65	68.3	83.2	123.2	

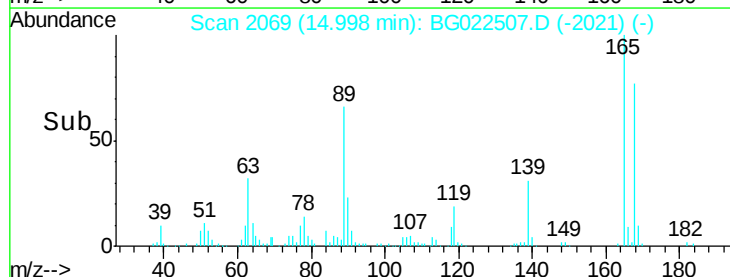
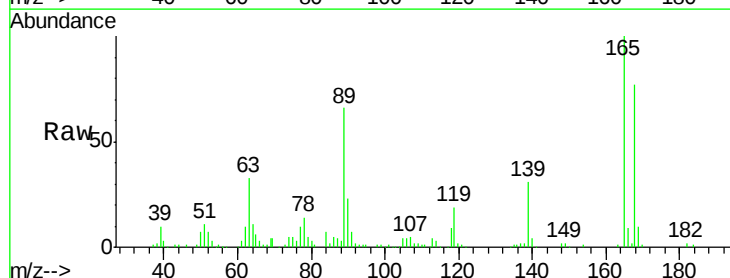
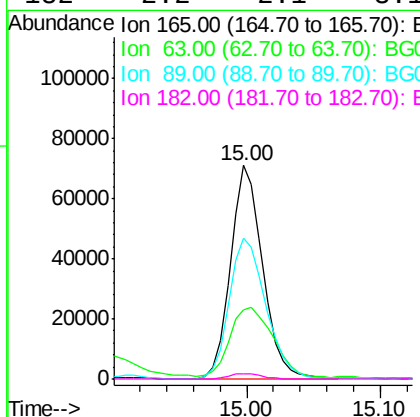
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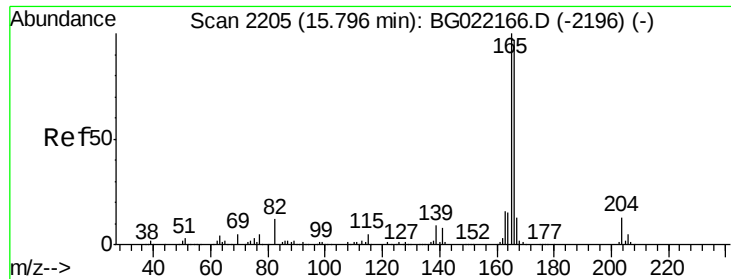
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#56
2,4-Dinitrotoluene
Concen: 43.03 ng
RT: 15.00 min Scan# 2069
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	119075		
63	32.5	37.4	56.0	
89	65.8	59.4	89.0	
182	2.2	2.1	3.1	





#57

Fluorene

Concen: 42.65 ng

RT: 15.67 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

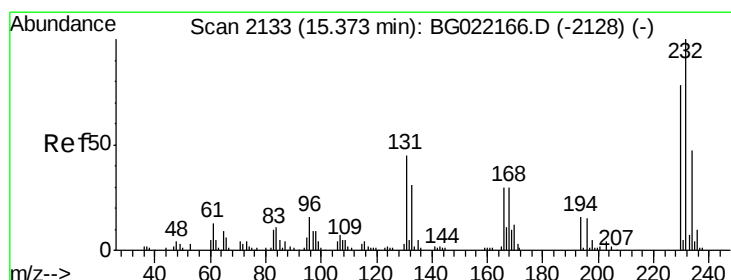
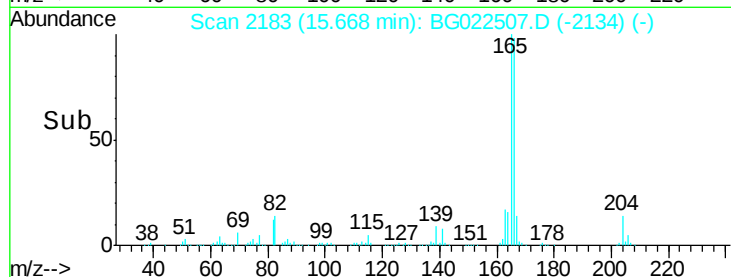
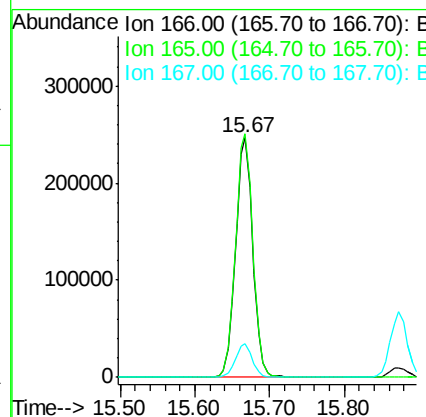
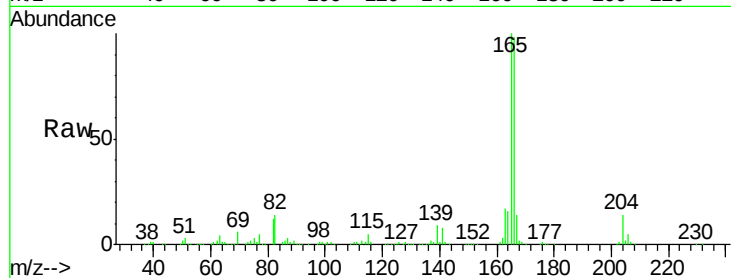
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion:	166	Resp:	397925
Ion Ratio	Lower	Upper	
166	100		
165	101.6	79.0	118.4
167	14.0	10.7	16.1

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.11 ng m

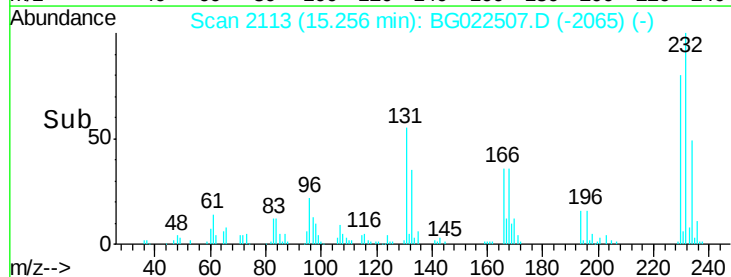
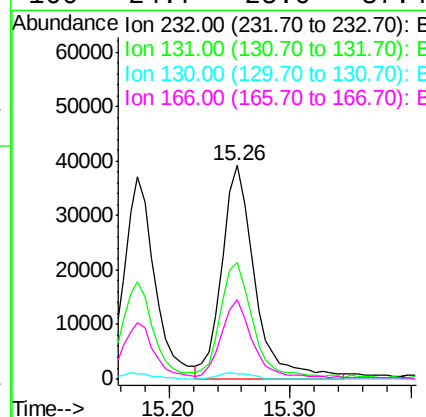
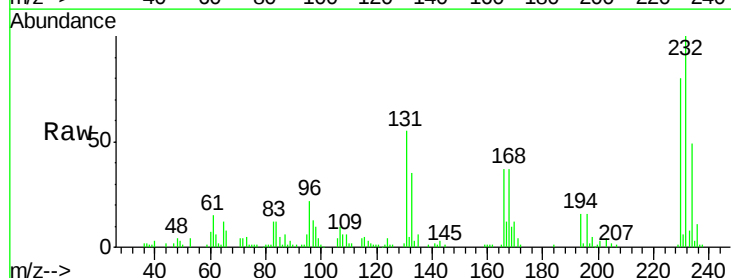
RT: 15.26 min Scan# 2113

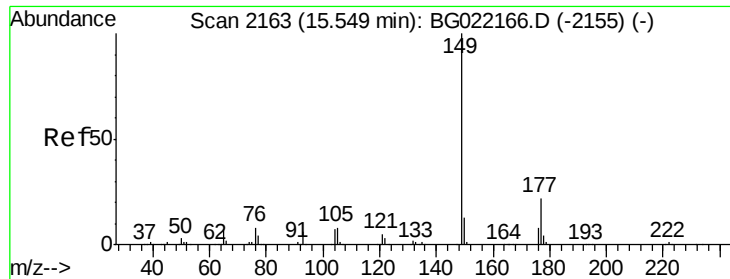
Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:	232	Resp:	74637
Ion Ratio	Lower	Upper	
232	100		
131	42.3	36.3	54.5
130	2.4	1.9	2.9
166	24.7	25.0	37.4#





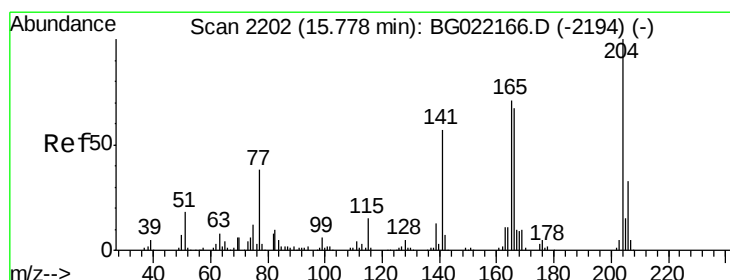
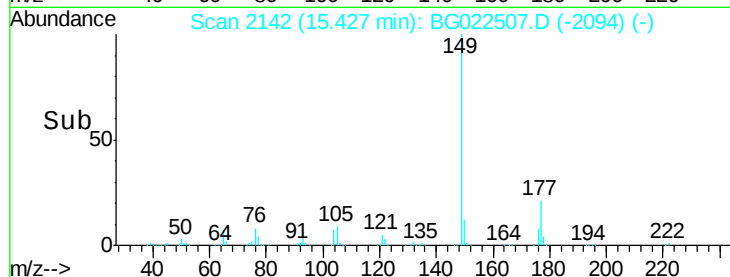
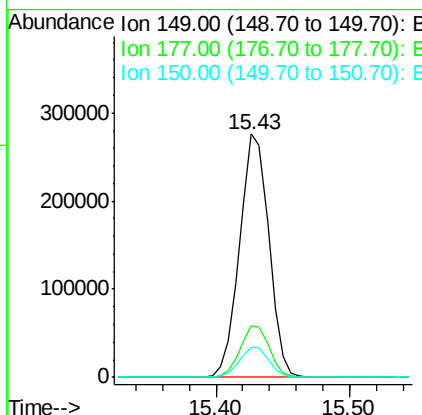
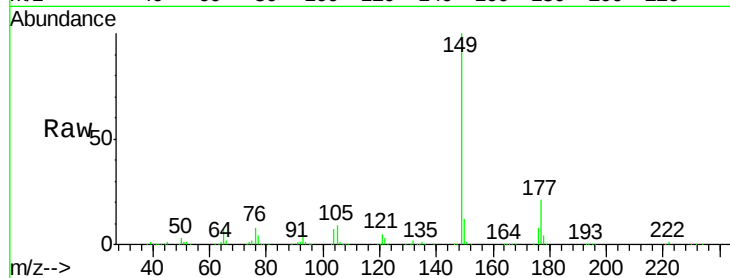
#59
Diethylphthalate
Concen: 41.23 ng
RT: 15.43 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.3	25.9
150	12.4	9.7	14.5

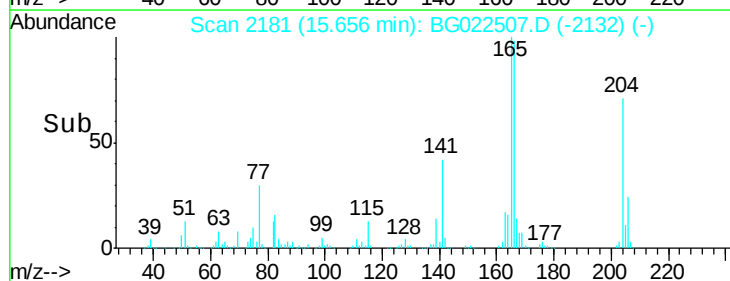
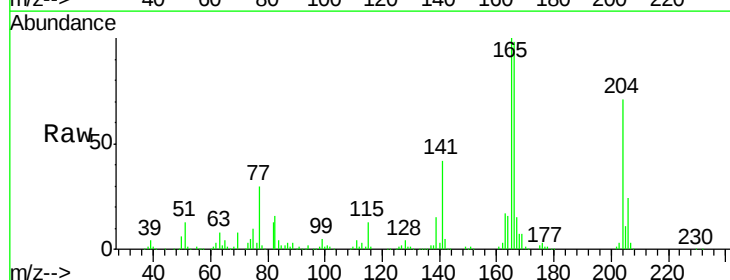
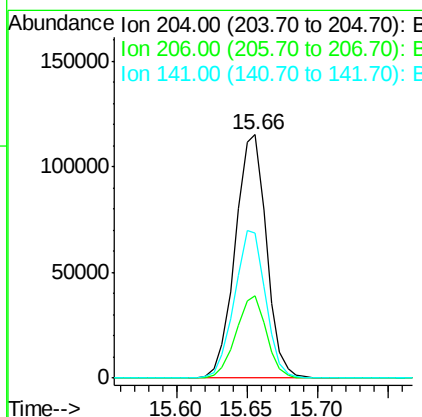
Manual Integrations
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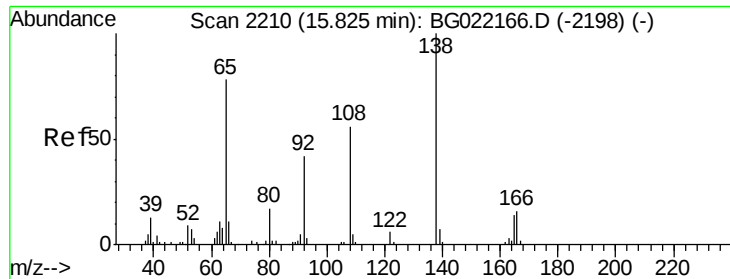
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#60
4-Chlorophenyl-phenylether
Concen: 41.93 ng
RT: 15.66 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.8	41.8
141	59.5	51.0	76.4





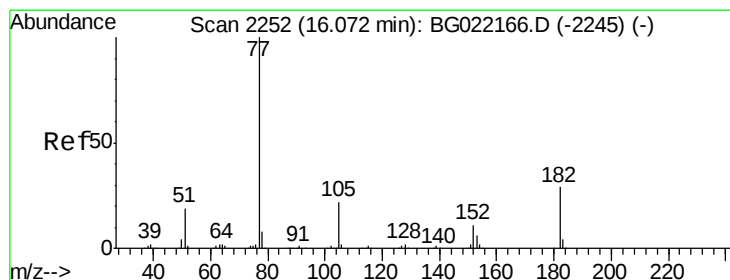
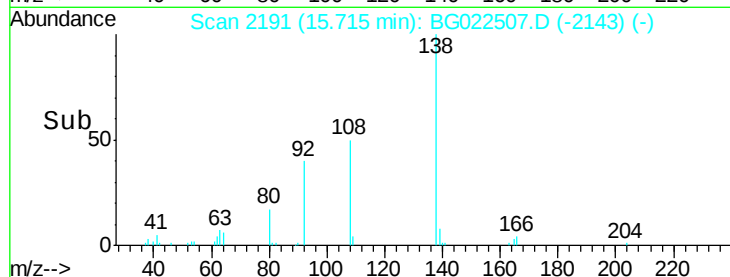
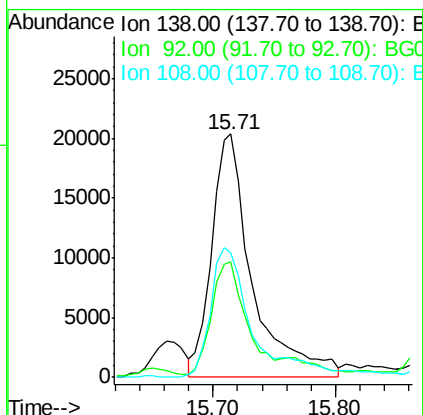
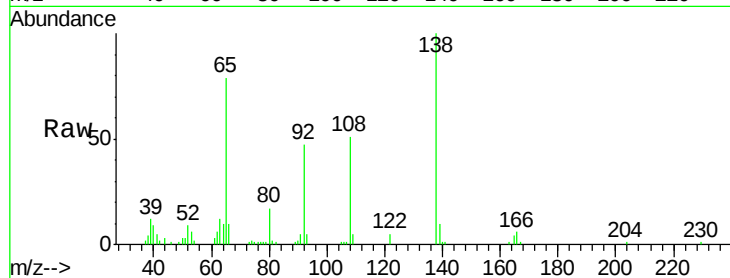
#61
4-Nitroaniline
Concen: 19.68 ng/mL
RT: 15.71 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.5	37.7	77.7
108	50.9	59.4	99.4

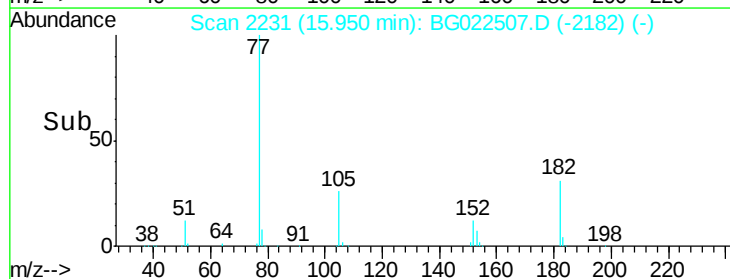
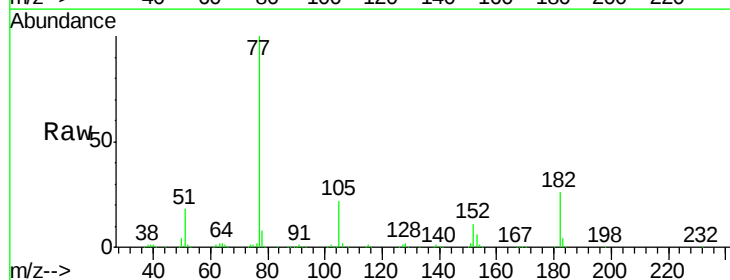
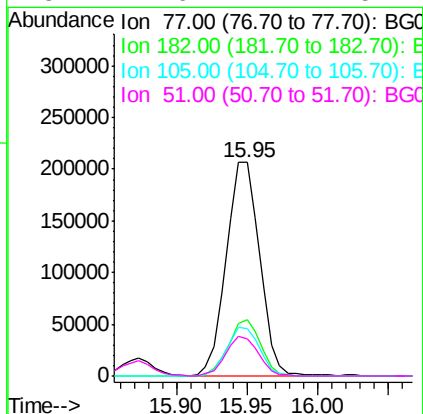
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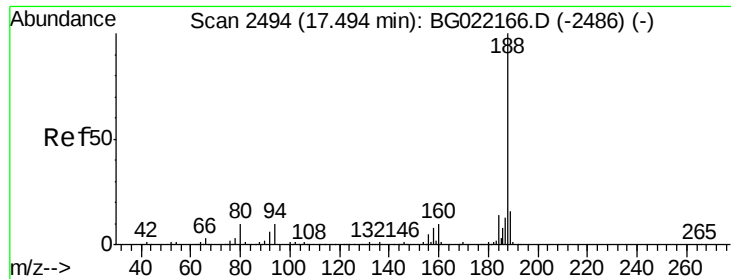
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#62
Azobenzene
Concen: 44.12 ng/mL
RT: 15.95 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	4.1	44.1
105	22.4	0.0	39.8
51	17.6	11.1	51.1





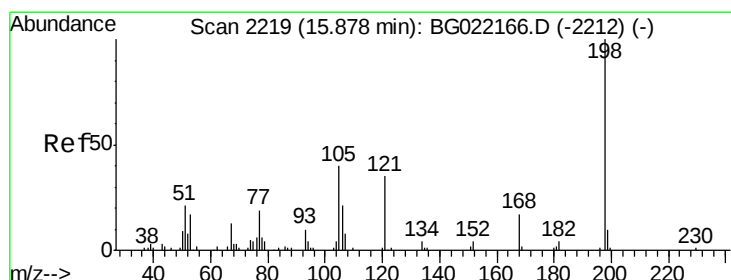
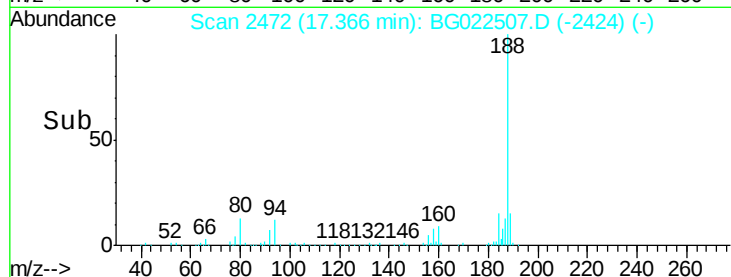
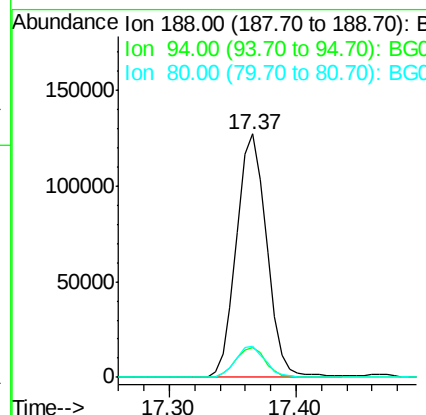
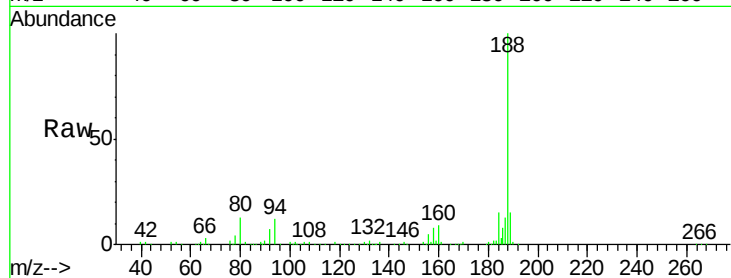
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2472
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.3	7.5	11.3#	
80	13.0	8.6	13.0#	

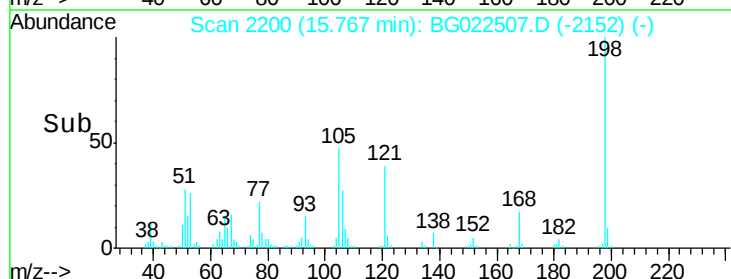
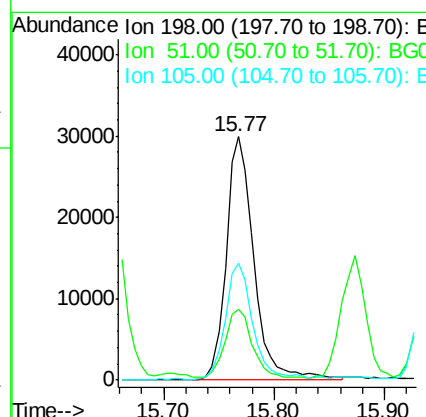
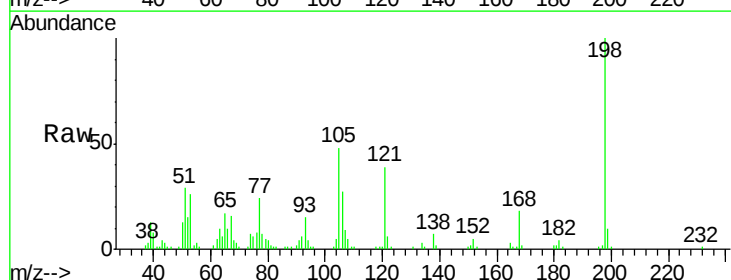
Manual Integrations
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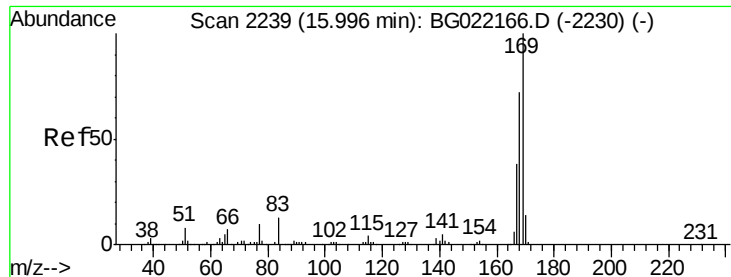
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#64
4,6-Dinitro-2-methylphenol
Concen: 49.00 ng
RT: 15.77 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	29.1	29.2	69.2#	
105	48.0	24.0	64.0	





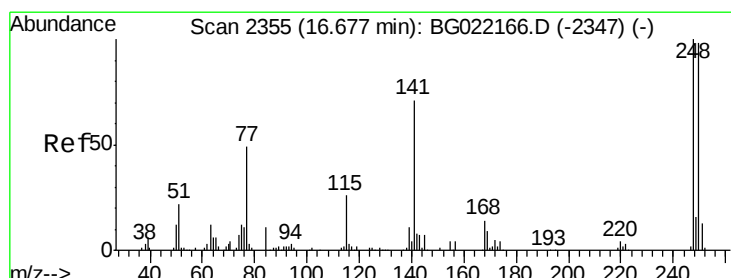
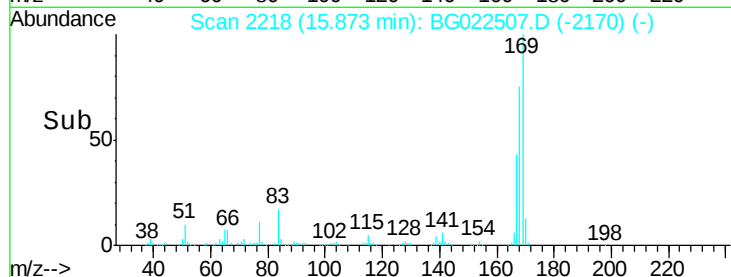
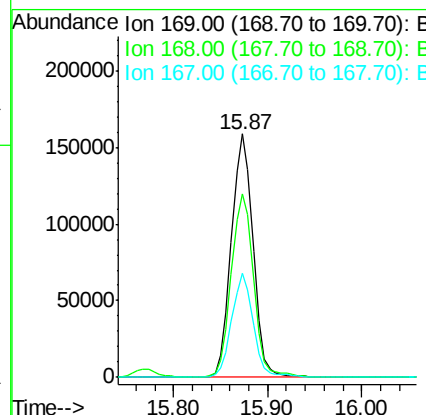
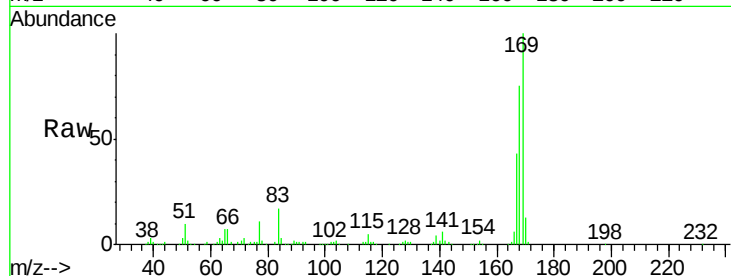
#65
n-Nitrosodiphenylamine
Concen: 42.07 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	255026		
168	75.4	59.6	89.4	
167	42.8	31.2	46.8	

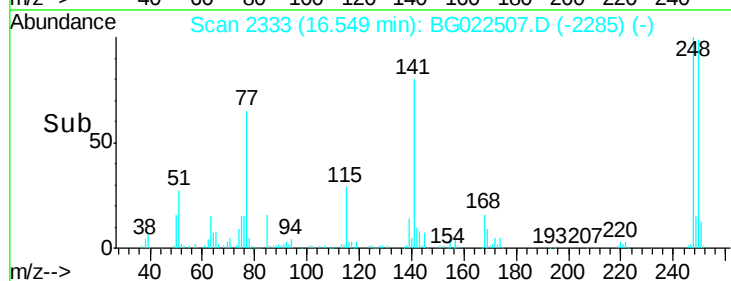
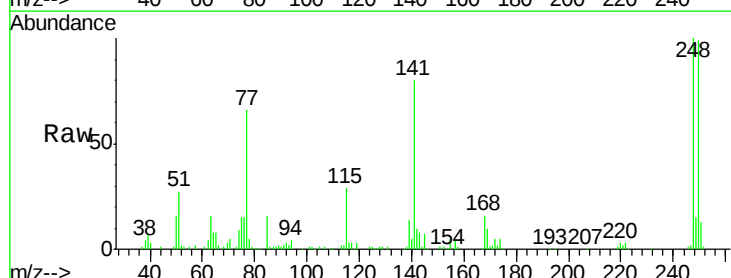
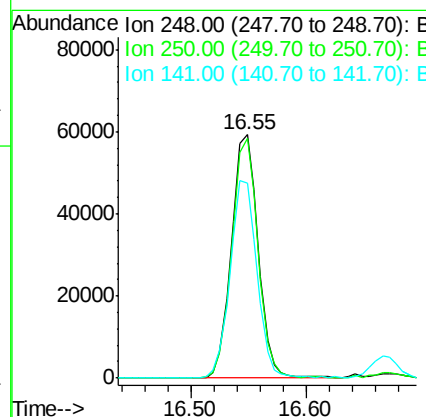
Manual Integrations
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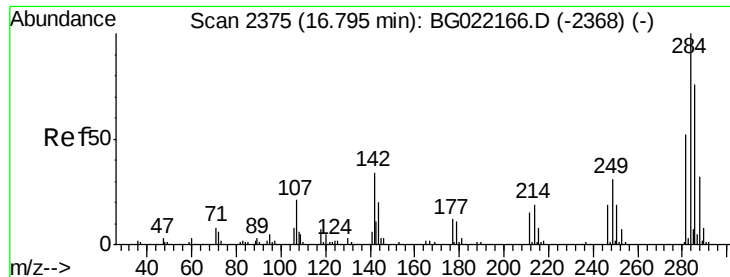
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#66
4-Bromophenyl-phenylether
Concen: 48.28 ng
RT: 16.55 min Scan# 2333
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	95183		
250	98.5	76.6	114.8	
141	80.1	63.8	95.6	





#67

Hexachlorobenzene

Concen: 42.00 ng

RT: 16.67 min Scan# 2354

Delta R.T. -0.02 min

Lab File: BG022507.D

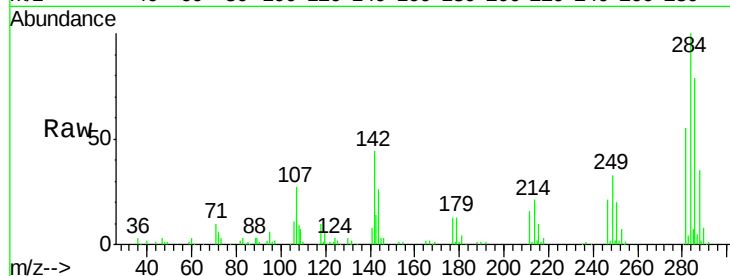
Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

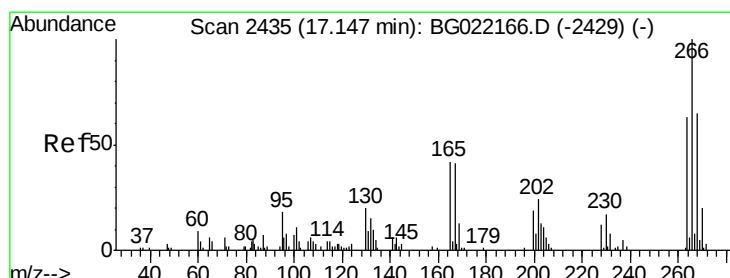
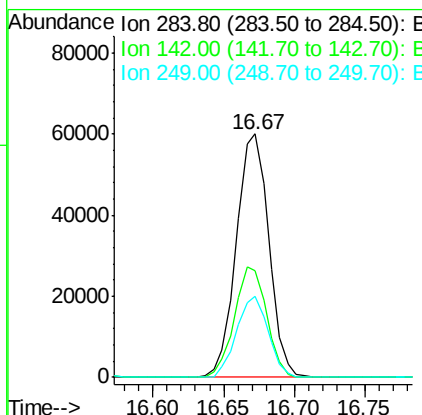
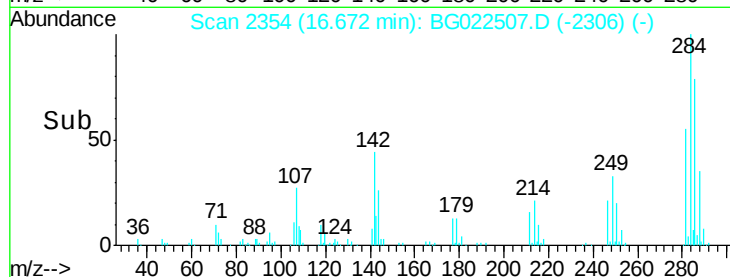
SC-STA-1442(0-4)MSD



Tot Ion:	284	Resp:	96515
Ion Ratio		Lower	Upper
284	100		
142	43.8	31.8	47.6
249	35.6	27.3	40.9

Manual Integrations
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#69

Pentachlorophenol

Concen: 68.31 ng

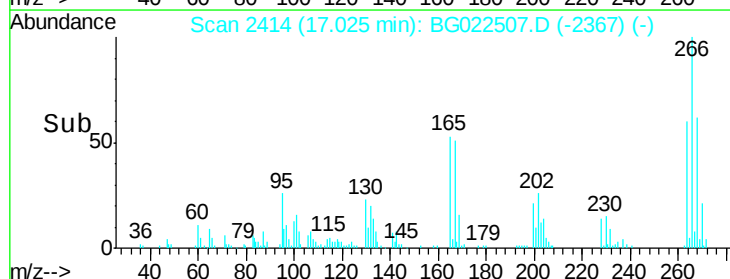
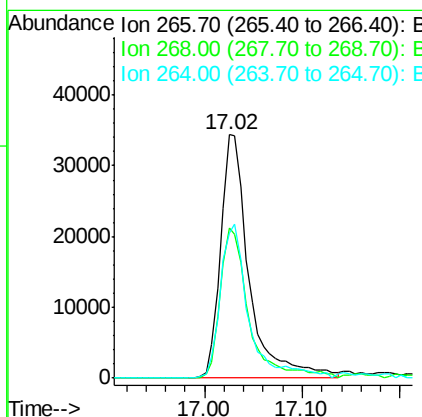
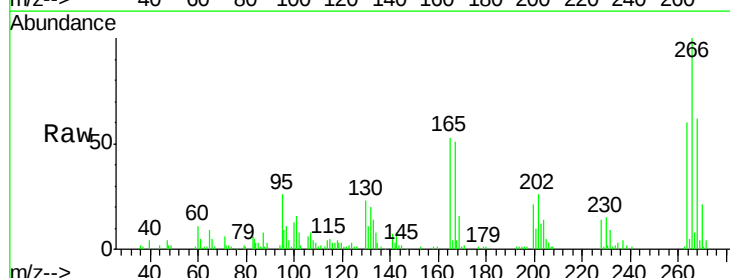
RT: 17.02 min Scan# 2414

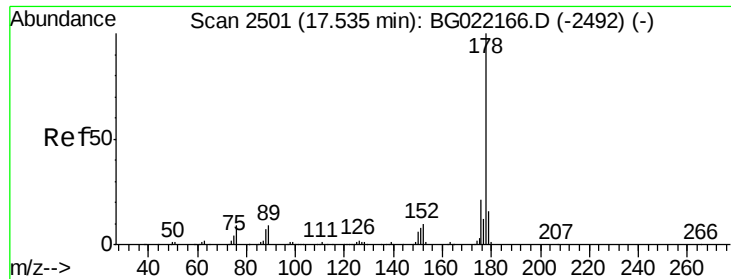
Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:	266	Resp:	70043
Ion Ratio		Lower	Upper
266	100		
268	65.6	54.5	81.7
264	64.8	53.8	80.6





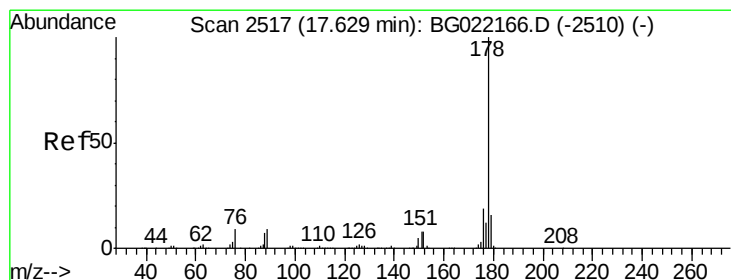
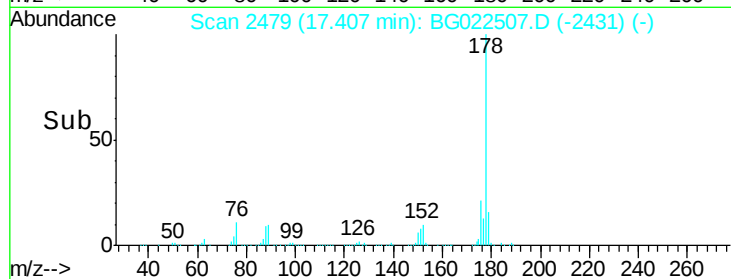
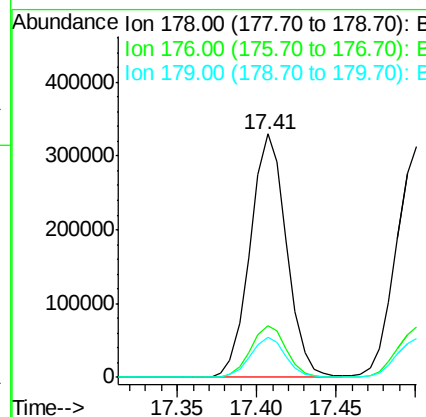
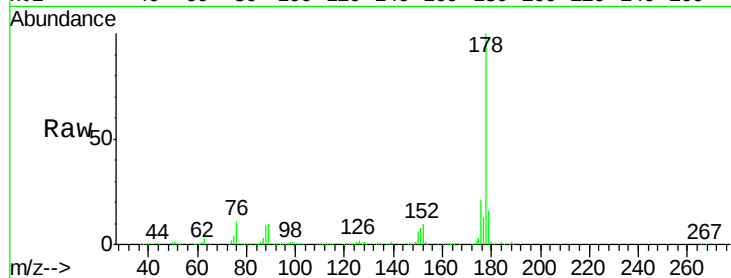
#70
Phenanthrene
Concen: 46.15 ng
RT: 17.41 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.2	24.4
179	16.2	12.0	18.0

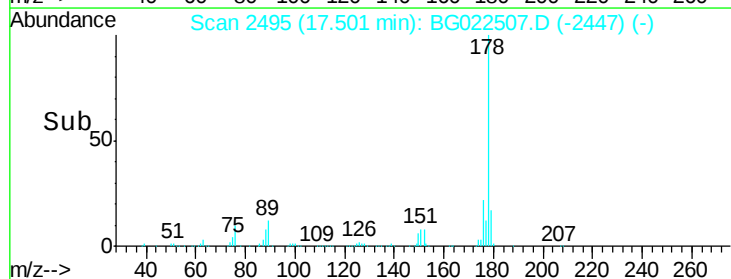
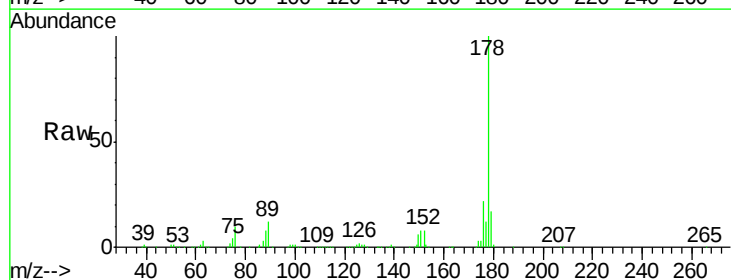
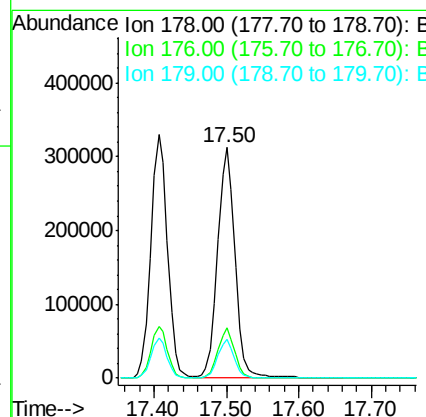
Manual Integrations
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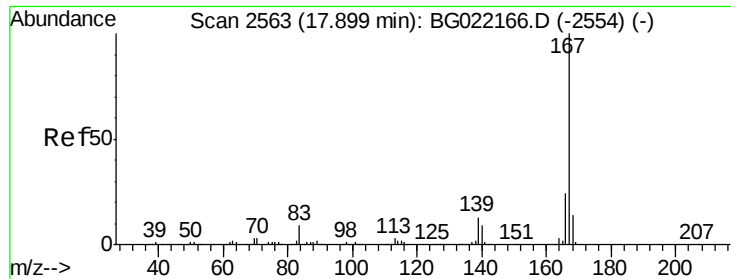
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#71
Anthracene
Concen: 46.10 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	15.0	22.4
179	16.6	12.2	18.4





#72

Carbazole

Concen: 28.11 ng

RT: 17.78 min Scan# 2542

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

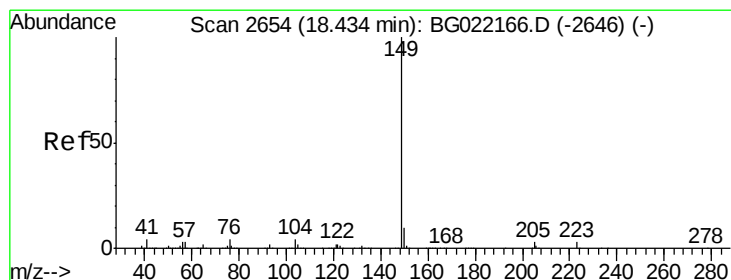
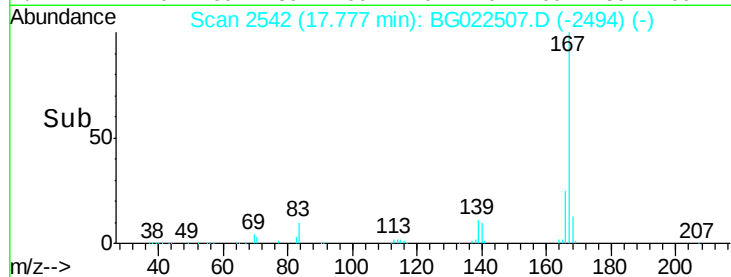
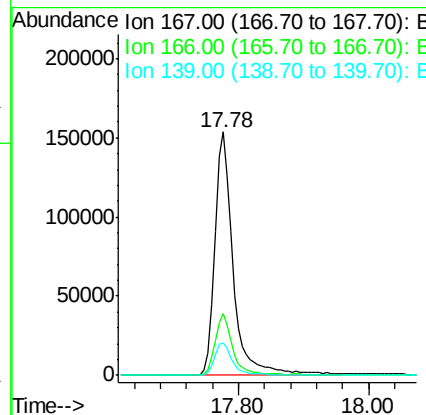
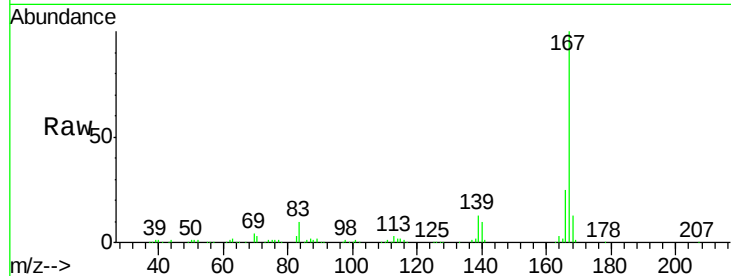
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion:	167	Resp:	301756
Ion Ratio	Lower	Upper	
167	100		
166	25.2	18.6	27.8
139	13.4	10.6	15.8

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#73

Di-n-butylphthalate

Concen: 45.33 ng

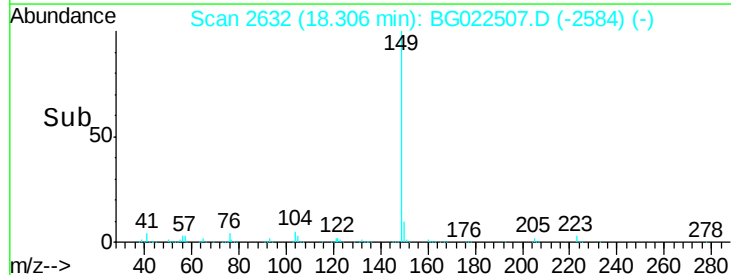
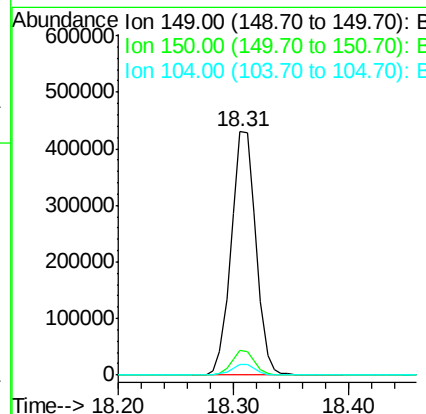
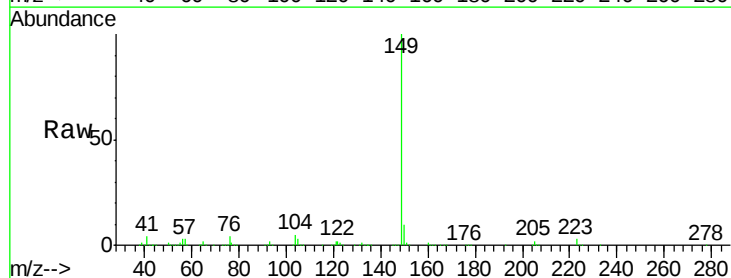
RT: 18.31 min Scan# 2632

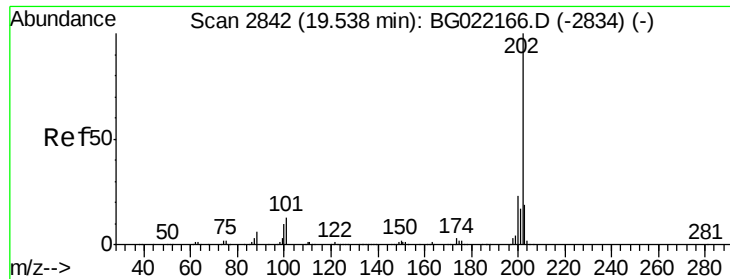
Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:	149	Resp:	636133
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.4	11.0
104	4.5	4.0	6.0





#74

Fluoranthene

Concen: 38.65 ng

RT: 19.42 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

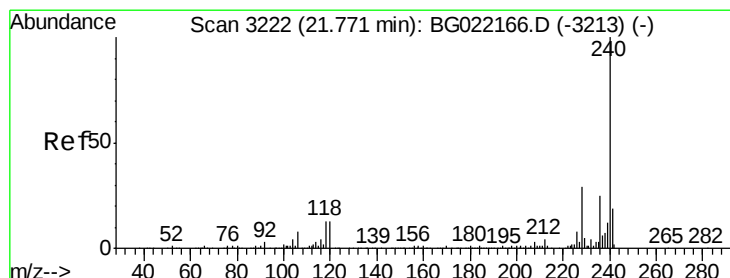
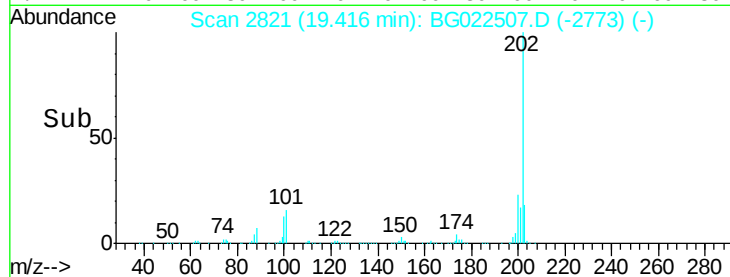
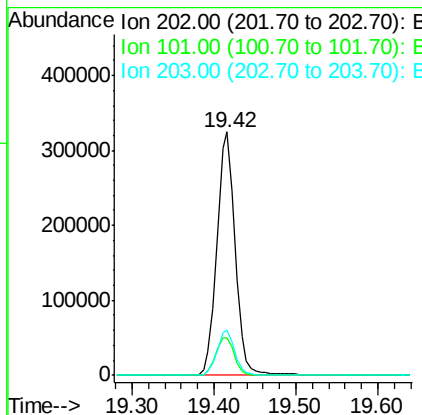
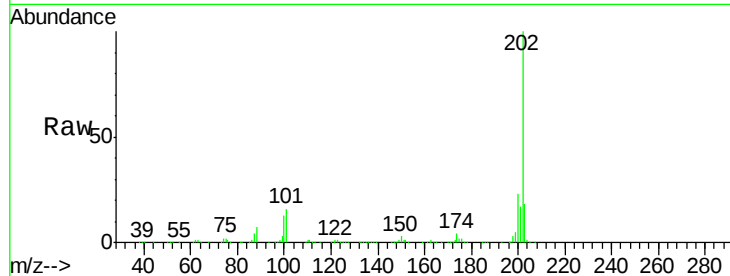
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion:	202	Resp:	507783
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	31.0
203	18.3	0.0	37.9

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#75

Chrysene-d12

Concen: 20.00 ng

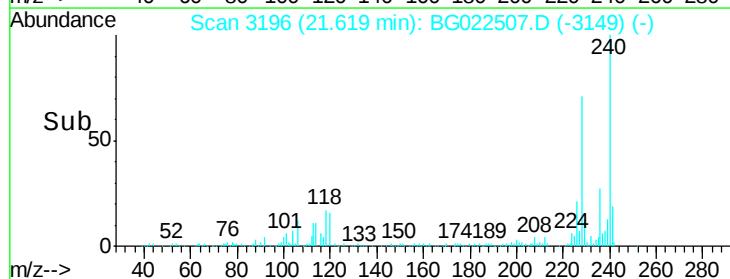
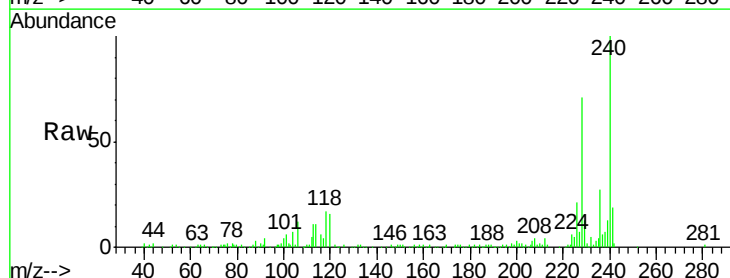
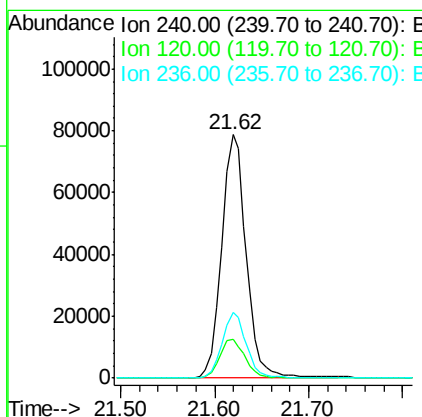
RT: 21.62 min Scan# 3196

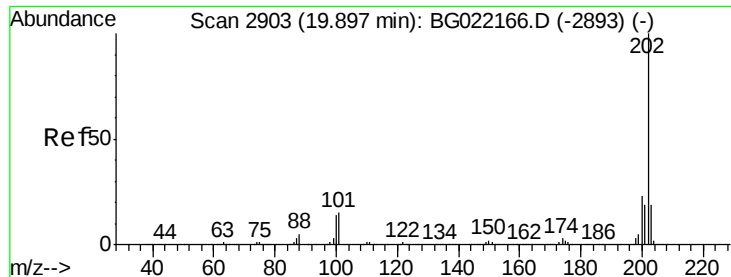
Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:	240	Resp:	143052
Ion Ratio	Lower	Upper	
240	100		
120	15.8	8.4	12.6#
236	27.1	19.6	29.4





#77

Pvrene

Concen: 55.84 ng

RT: 19.77 min Scan# 2882

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

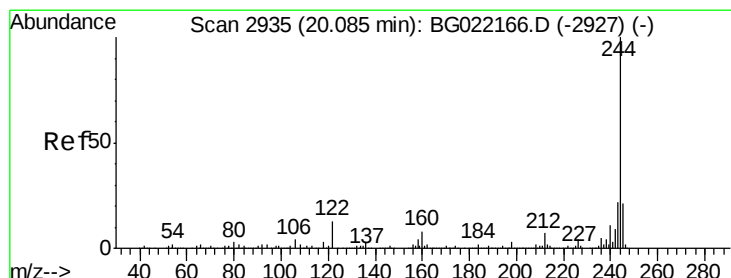
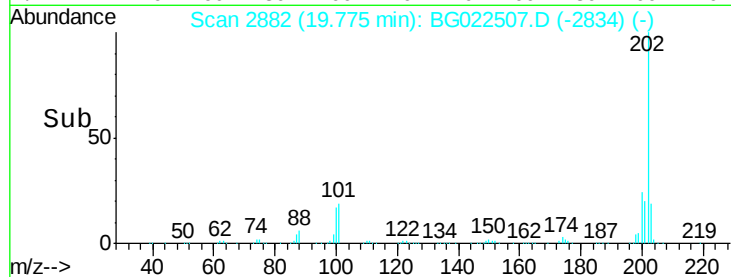
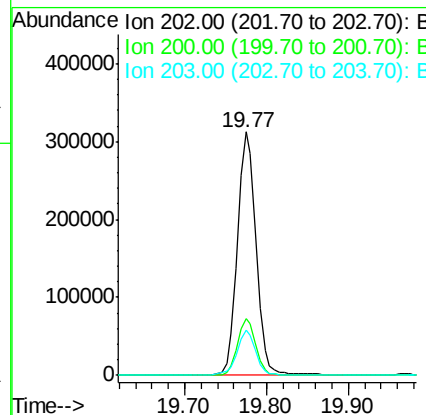
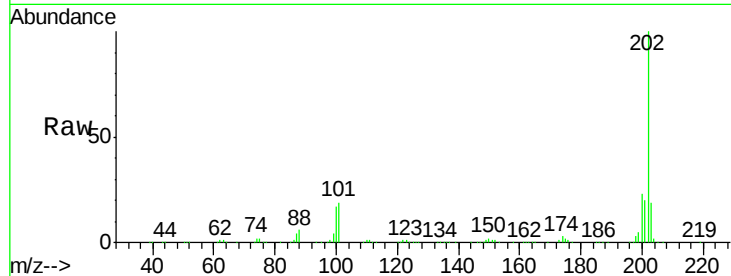
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		496575		
200	23.5	18.2		27.2	
203	18.6	15.0		22.4	

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#78

Terphenyl-d14

Concen: 101.67 ng

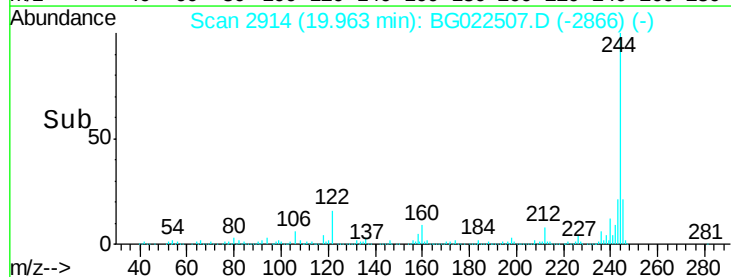
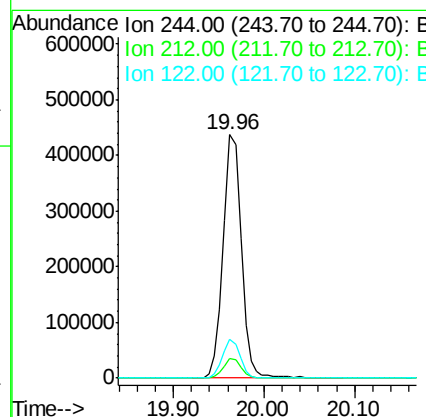
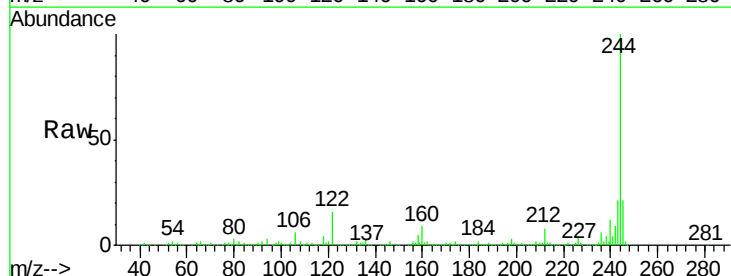
RT: 19.96 min Scan# 2914

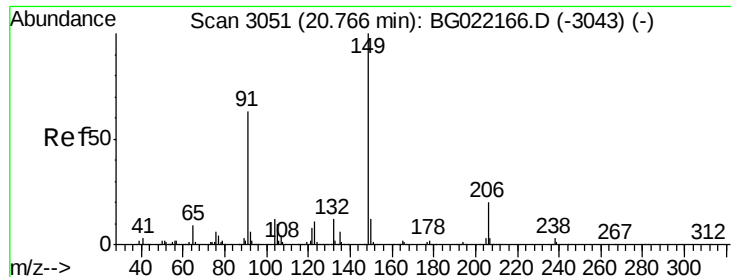
Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		612599		
212	7.9	6.5		9.7	
122	16.2	8.6		12.8#	





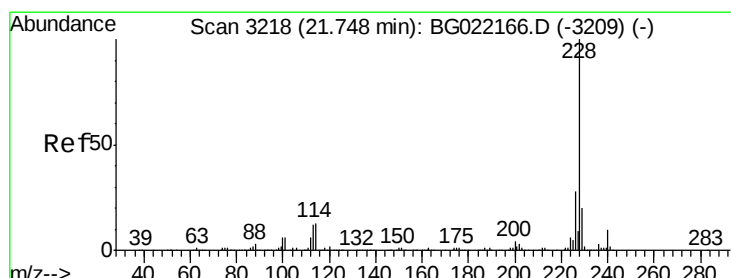
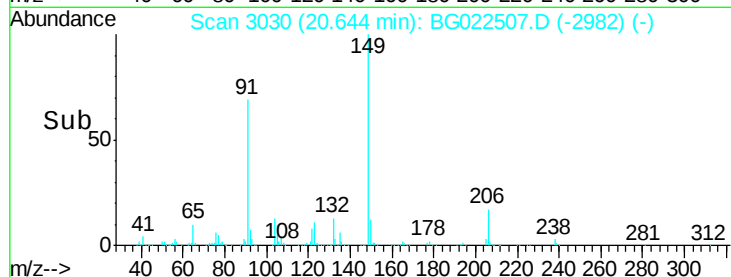
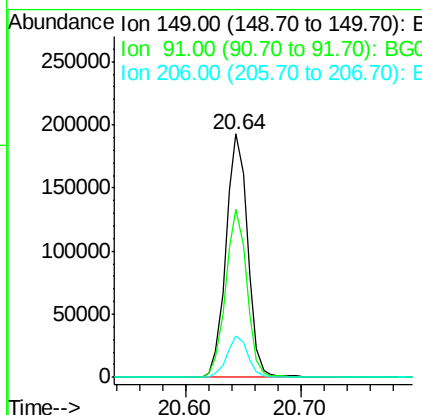
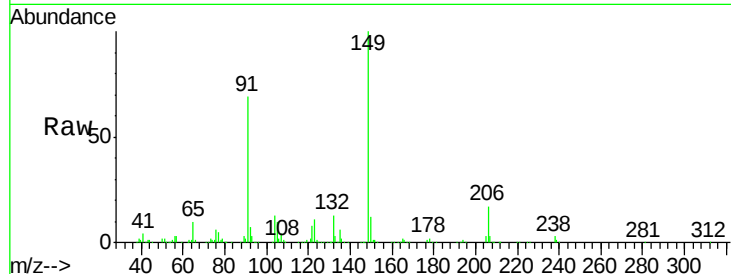
#79
Butylbenzylphthalate
Concen: 60.80 ng
RT: 20.64 min Scan# 3030
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	250774		
91	69.2	57.8	86.8	
206	16.9	17.0	25.4	

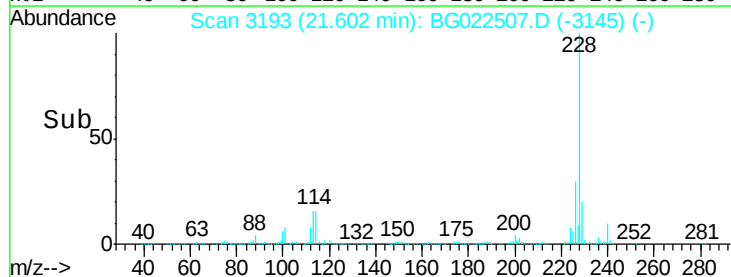
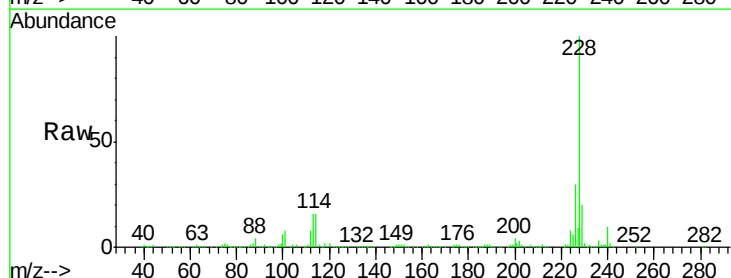
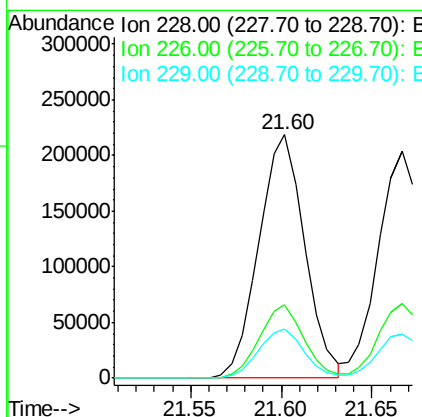
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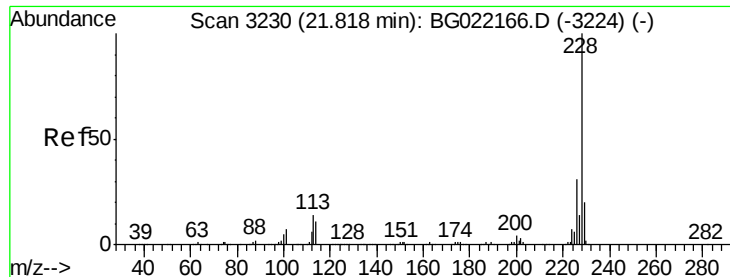
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#80
Benzo(a)anthracene
Concen: 48.03 ng
RT: 21.60 min Scan# 3193
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	385316		
226	29.9	22.6	34.0	
229	20.3	16.1	24.1	





#82

Chrvsene

Concen: 47.41 ng

RT: 21.67 min Scan# 3204

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

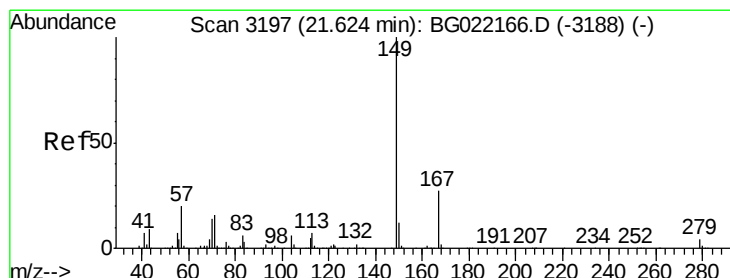
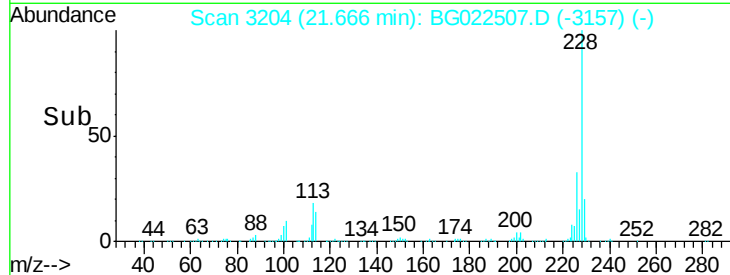
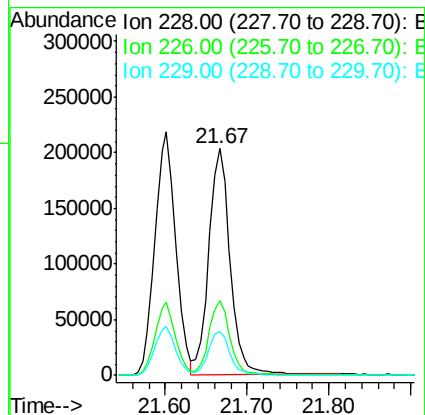
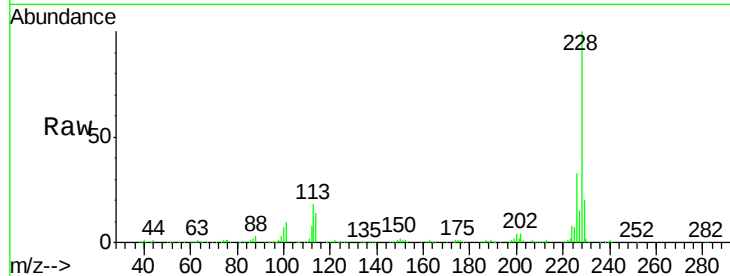
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion:	228	Resp:	370051
Ion Ratio	Lower	Upper	
228	100		
226	32.9	25.4	38.0
229	19.6	15.9	23.9

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#83

Bis(2-ethylhexyl)phthalate

Concen: 59.39 ng

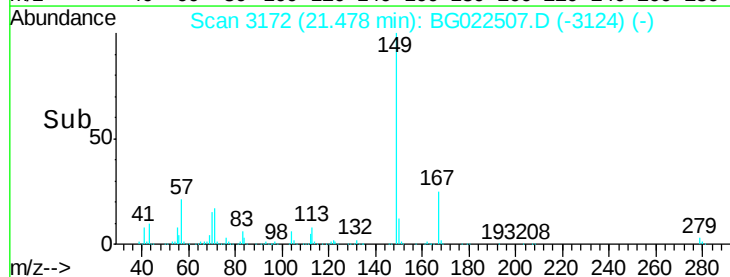
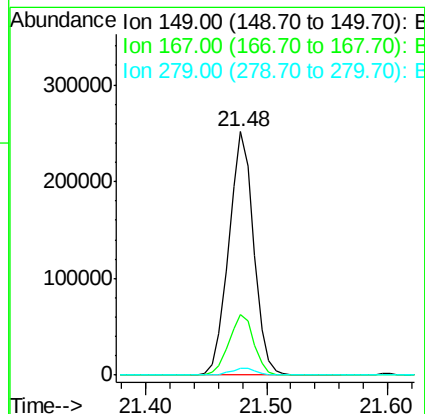
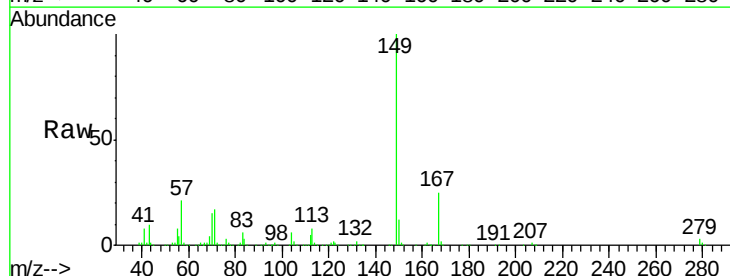
RT: 21.48 min Scan# 3172

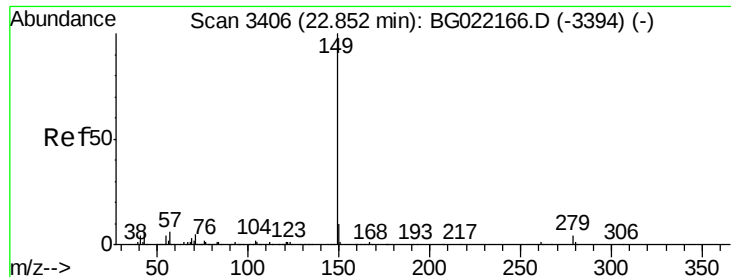
Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:	149	Resp:	360205
Ion Ratio	Lower	Upper	
149	100		
167	25.1	22.4	33.6
279	2.7	3.2	4.8#





#84

Di-n-octyl phthalate

Concen: 58.44 ng

RT: 22.67 min Scan# 3374

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

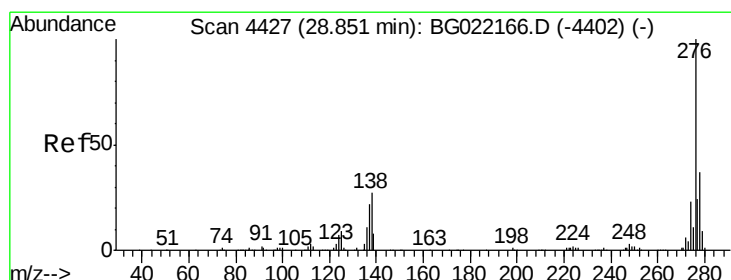
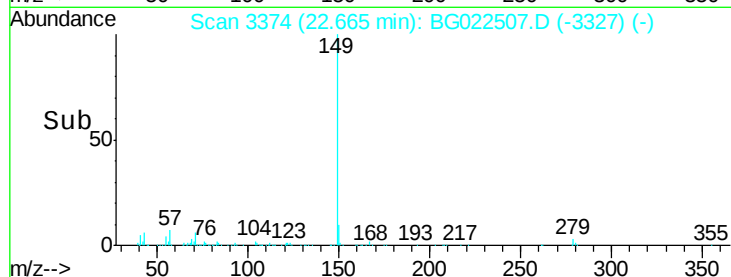
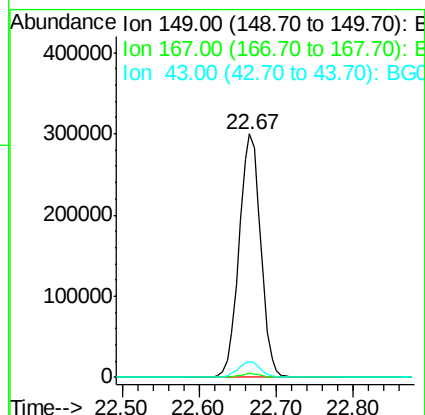
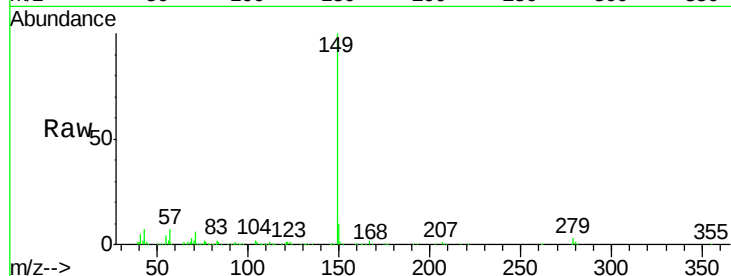
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion:	149	Resp:	588554
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	6.4	9.8	14.6#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 41.32 ng

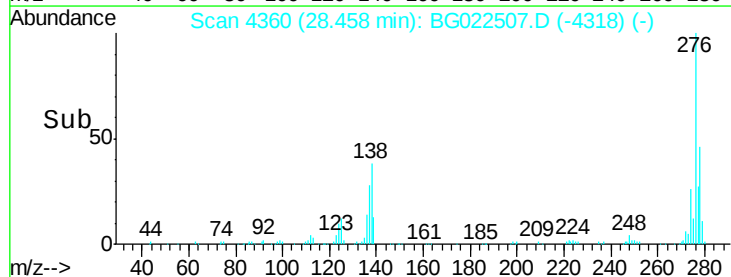
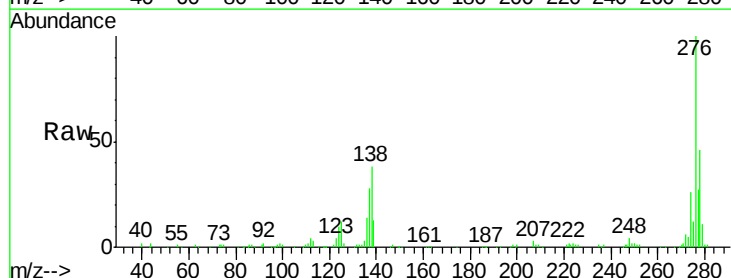
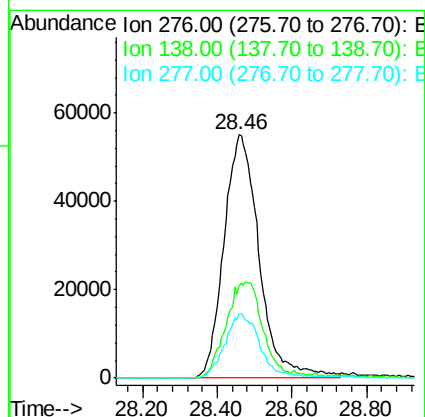
RT: 28.46 min Scan# 4360

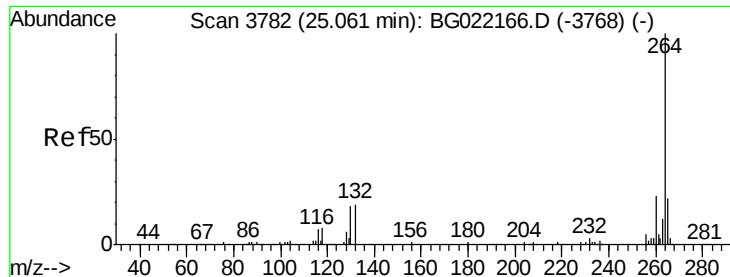
Delta R.T. -0.05 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:	276	Resp:	361801
Ion Ratio		Lower	Upper
276	100		
138	40.8	14.0	21.0#
277	26.0	20.6	30.8





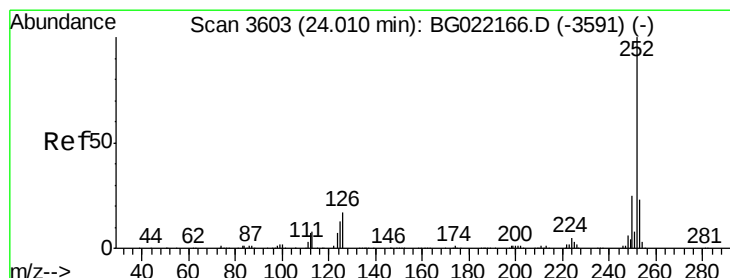
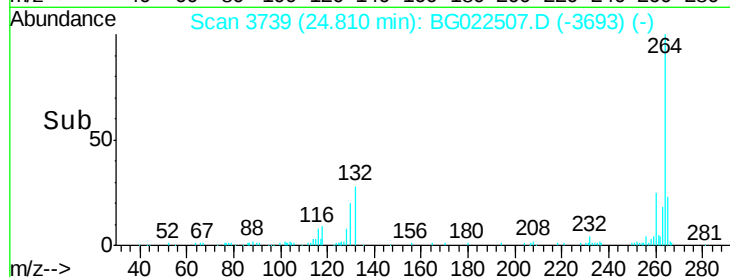
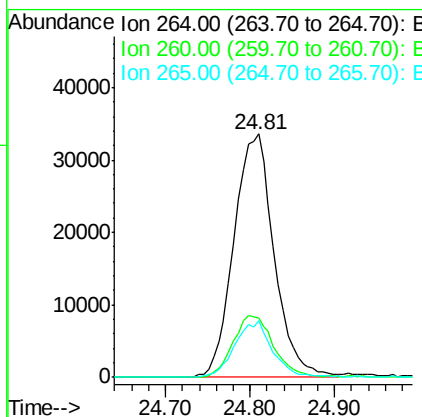
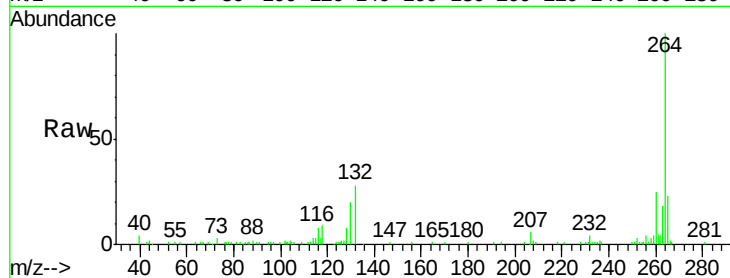
#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.4
265	23.3	17.8	26.8

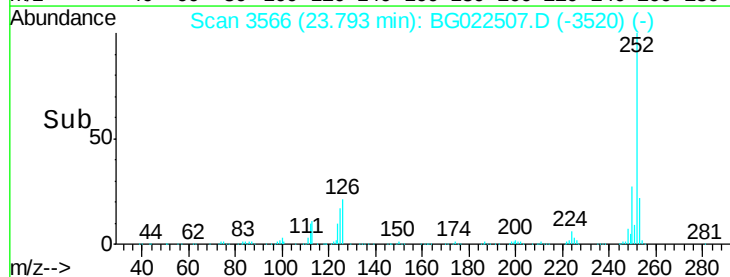
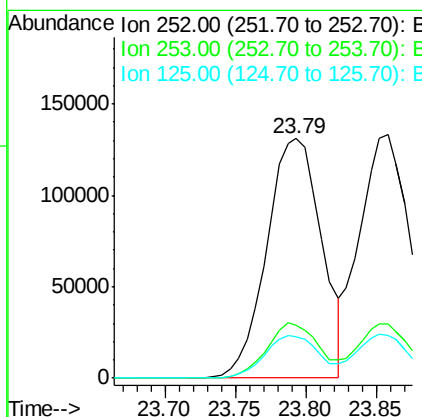
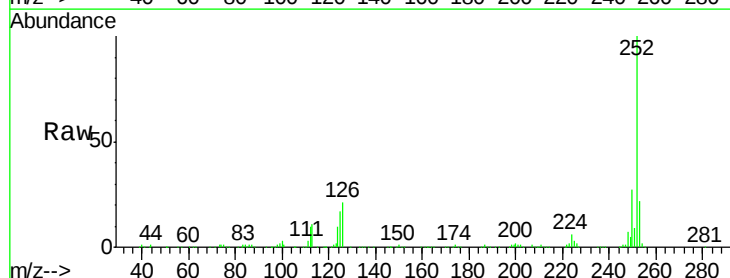
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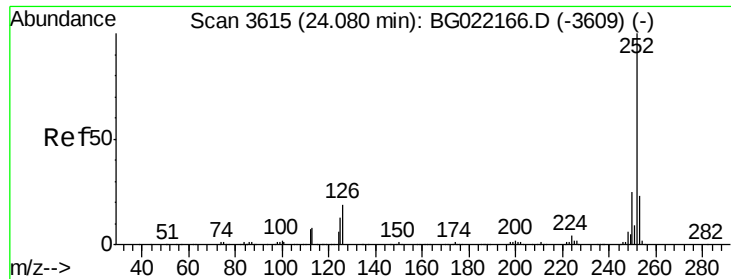
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#87
Benzo(b)fluoranthene
Concen: 54.87 ng
RT: 23.79 min Scan# 3566
Delta R.T. -0.03 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	17.3	8.6	13.0#





#88

Benzo(k)fluoranthene

Concen: 53.86 ng

RT: 23.86 min Scan# 3577

Delta R.T. -0.03 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

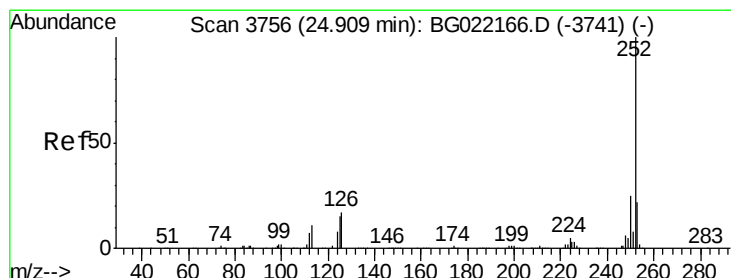
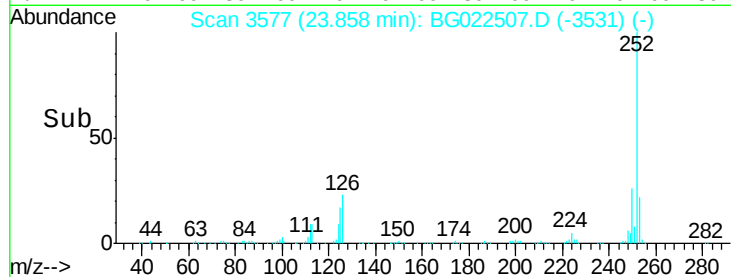
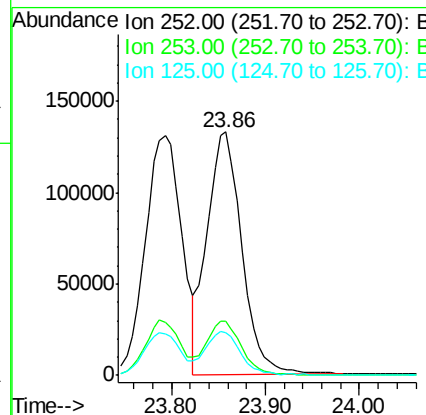
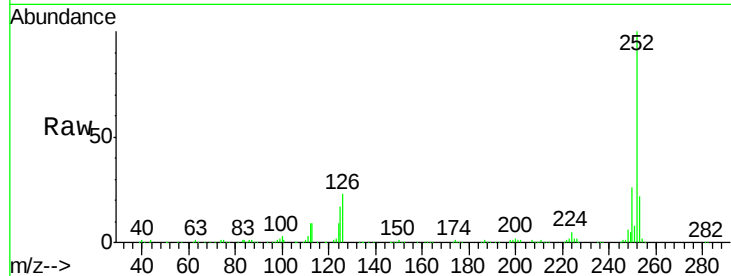
ClientSampleId :

SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	17.4	8.3	12.5#

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#89

Benzo(a)pyrene

Concen: 52.34 ng

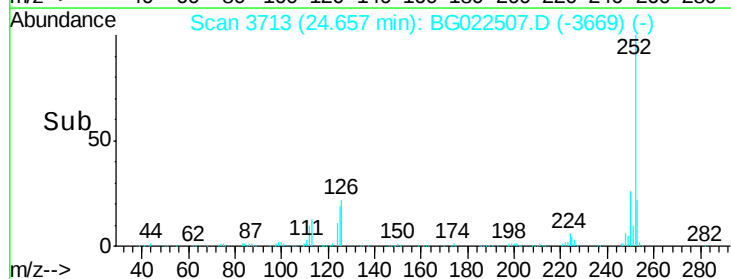
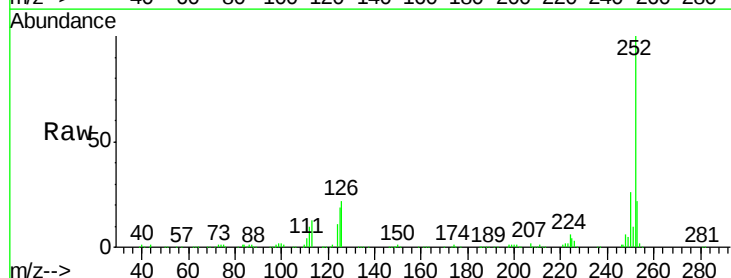
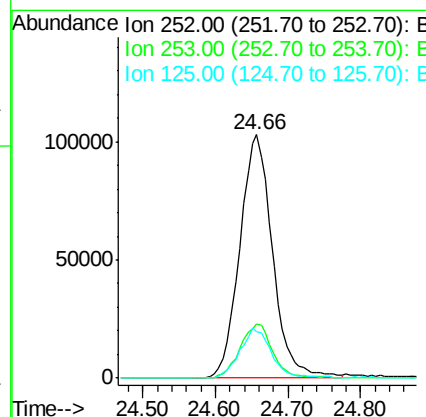
RT: 24.66 min Scan# 3713

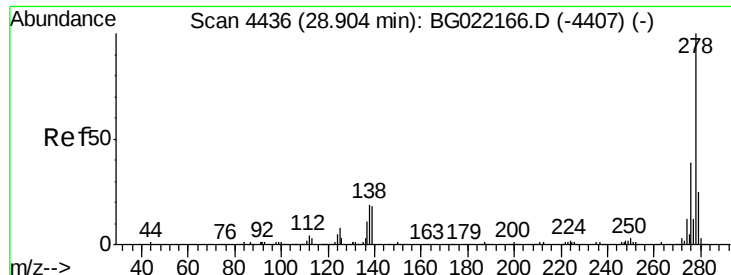
Delta R.T. -0.04 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	19.3	9.6	14.4#





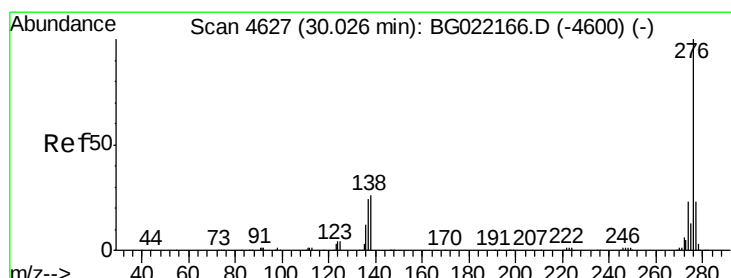
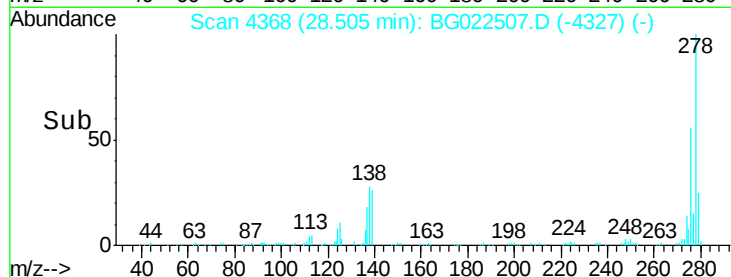
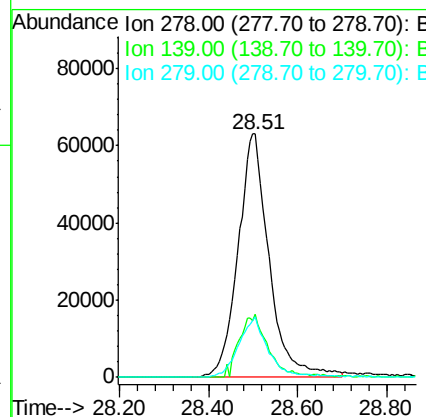
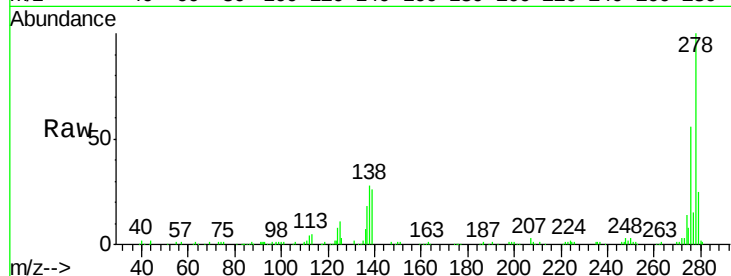
#90
Dibenzo(a,h)anthracene
Concen: 52.53 ng
RT: 28.51 min Scan# 4368
Delta R.T. -0.06 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.0	11.9	17.9#
279	24.7	18.2	27.2

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#91
Benzo(g,h,i)perylene
Concen: 45.81 ng
RT: 29.59 min Scan# 4553
Delta R.T. -0.07 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	38.4	17.4	26.0#

