

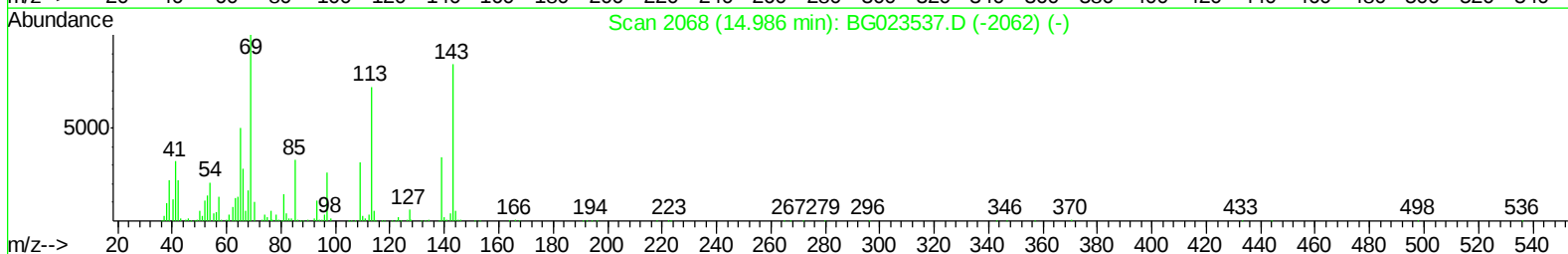
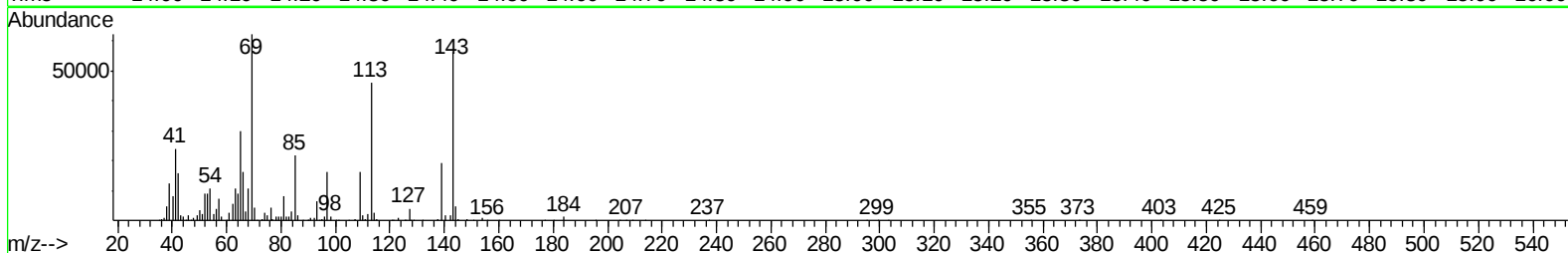
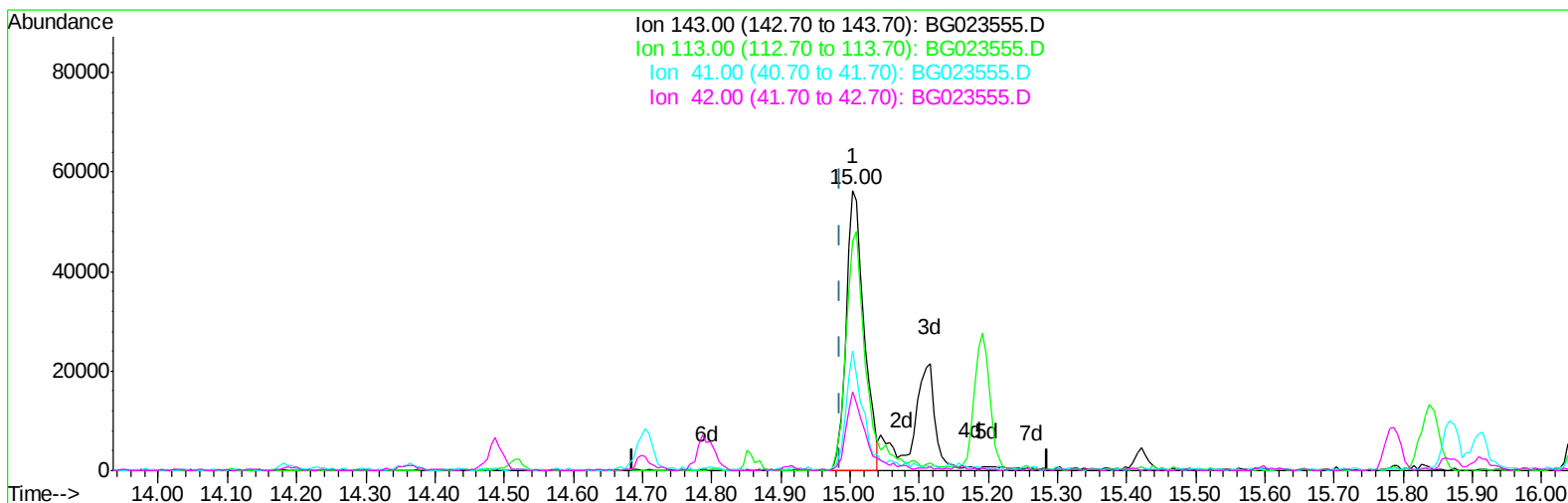
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Data File : BG023555.D
Acq On : 9 Aug 2016 12:24
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
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Quant Time: Aug 10 04:57:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration



TIC: BG023555.D

(51) 4-Nitrophenol-d4 (S)

15.004min (+0.017) 17.54ng/ul

response 102428

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	81.89#
41.00	26.90	42.73#
42.00	16.10	28.31#

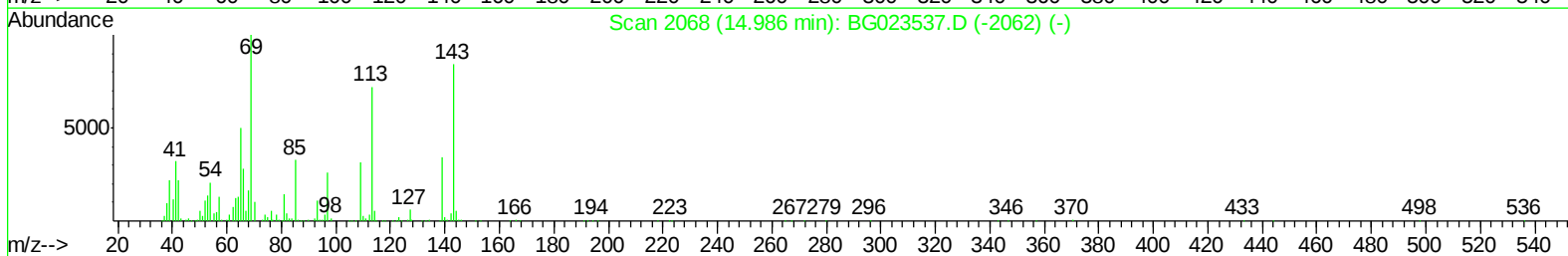
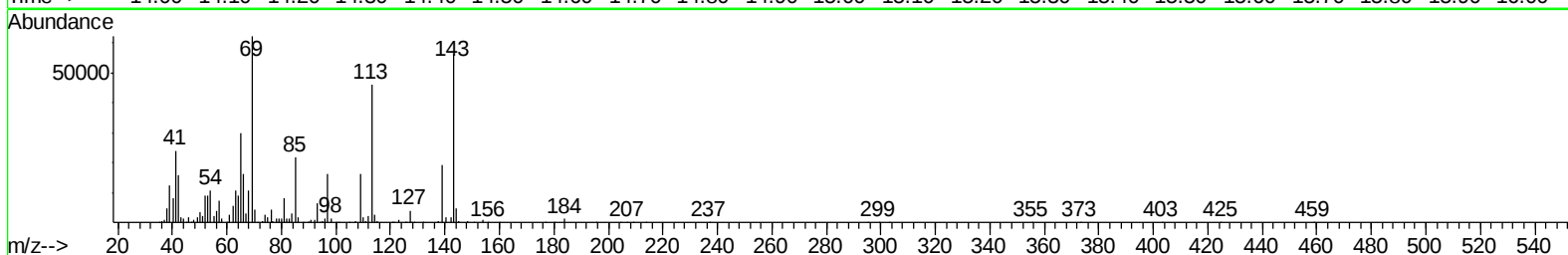
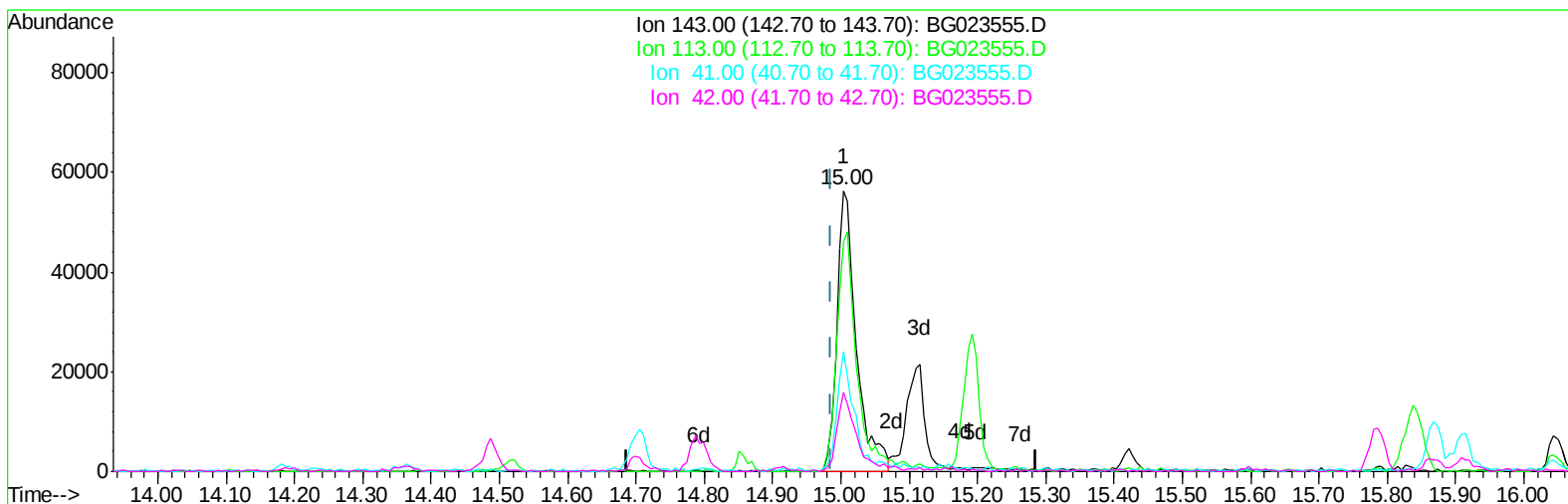
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080916\
Data File : BG023555.D
Acq On : 9 Aug 2016 12:24
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
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Quant Time: Aug 10 04:57:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration



TIC: BG023555.D

(51) 4-Nitrophenol-d4 (S)

15.004min (+0.017) 19.09ng/ul m

response 111468

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	81.89#
41.00	26.90	42.73#
42.00	16.10	28.31#

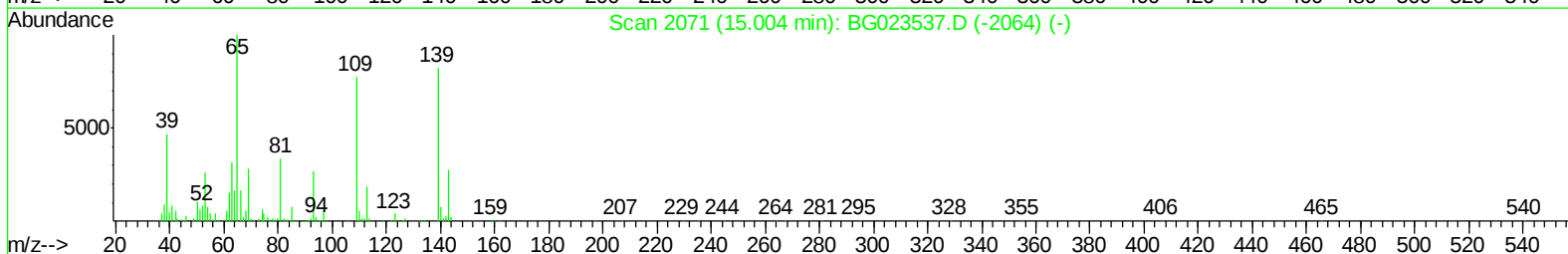
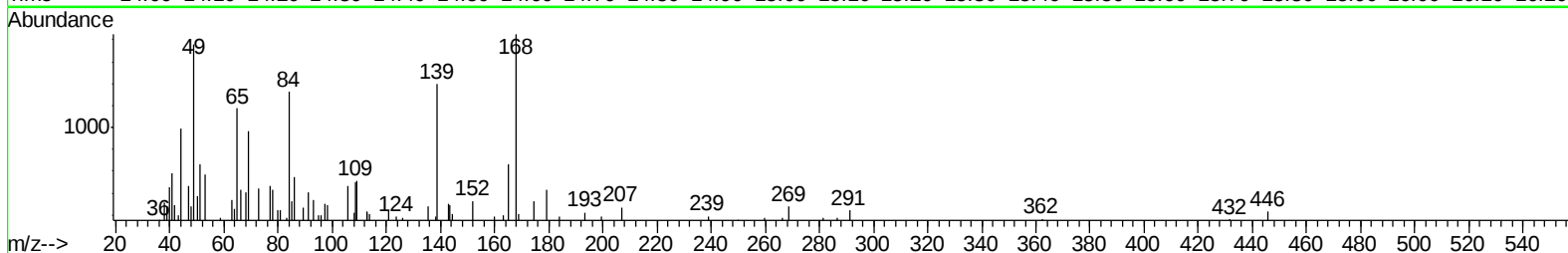
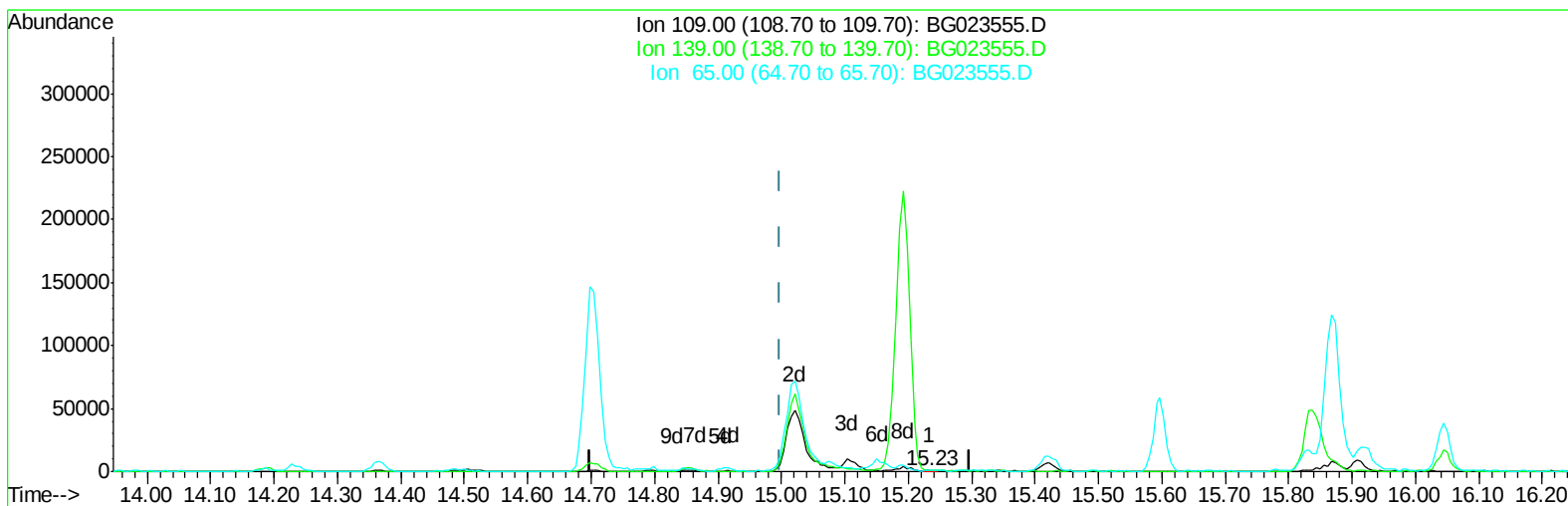
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Data File : BG023555.D
Acq On : 9 Aug 2016 12:24
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
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Quant Time: Aug 10 04:57:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration



TIC: BG023555.D

(52) 4-Nitrophenol

15.233min (+0.234) 0.14ng/ul

response 832

Ion	Exp%	Act%
109.00	100	100
139.00	170.10	138.81
65.00	132.50	116.62
0.00	0.00	0.00

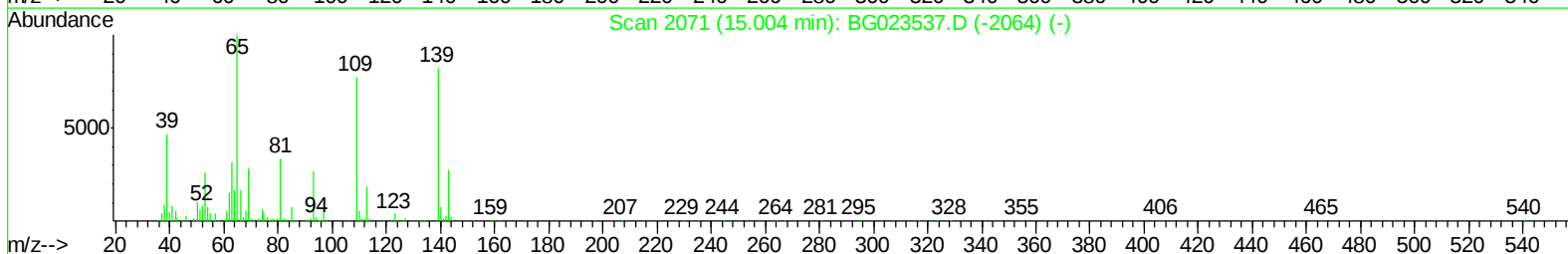
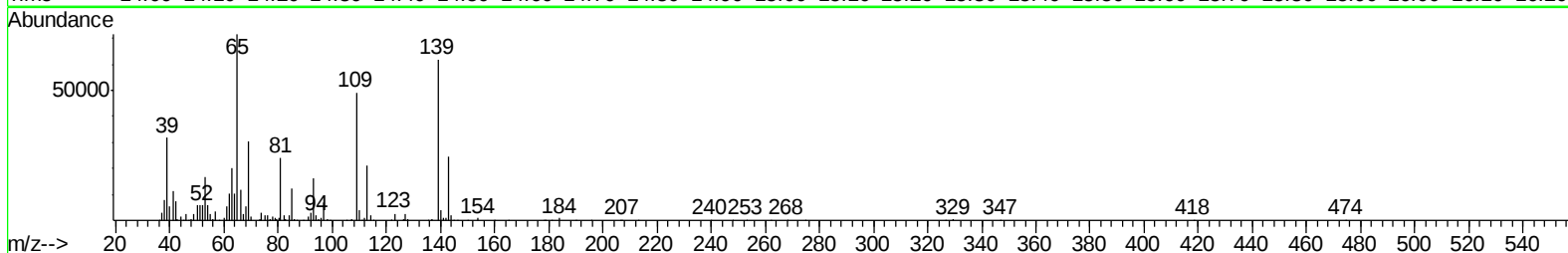
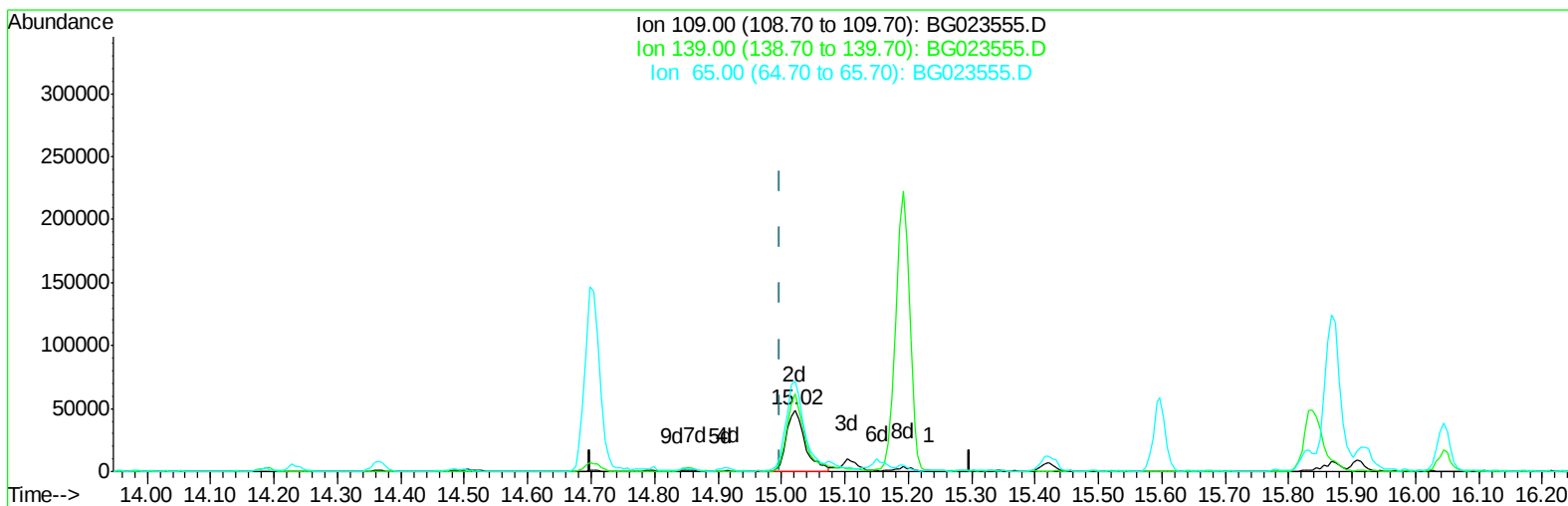
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Data File : BG023555.D
Acq On : 9 Aug 2016 12:24
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
APPROVED

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8/10/2016 6:49:10 PM

Quant Time: Aug 10 04:57:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration



TIC: BG023555.D

(52) 4-Nitrophenol

15.022min (+0.023) 16.94ng/ul m

response 99048

Ion	Exp%	Act%
109.00	100	100
139.00	170.10	126.29#
65.00	132.50	145.81
0.00	0.00	0.00

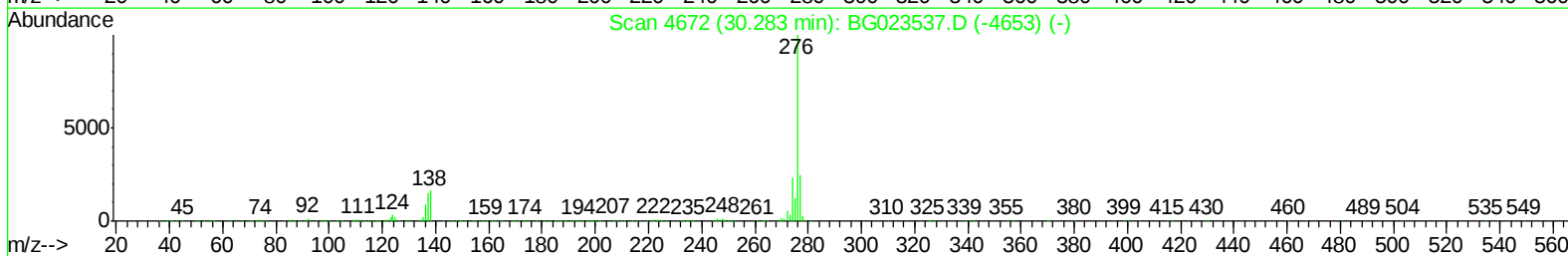
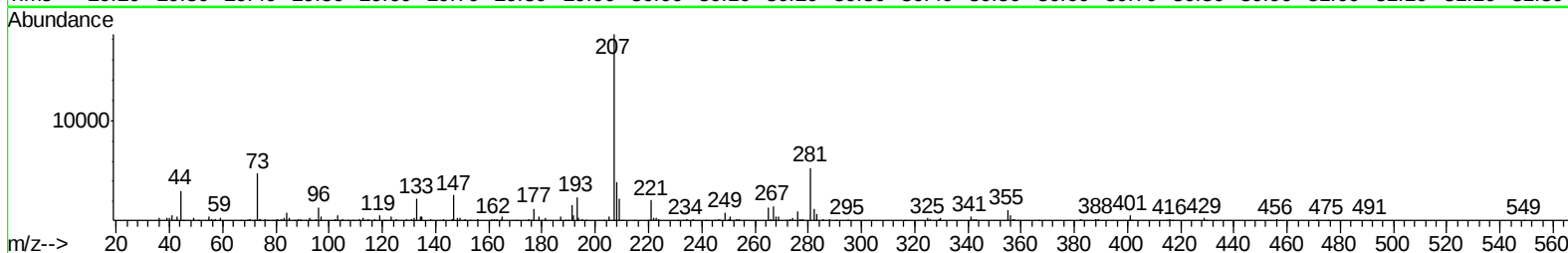
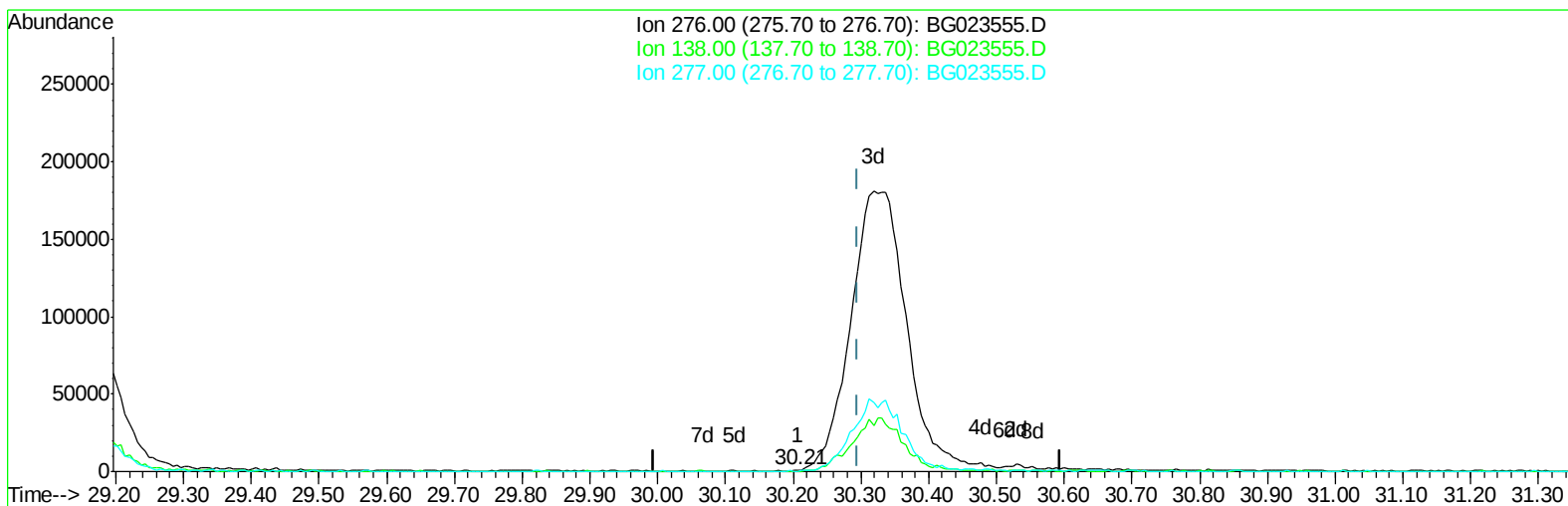
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Data File : BG023555.D
Acq On : 9 Aug 2016 12:24
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
APPROVED

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8/10/2016 6:49:10 PM

Quant Time: Aug 10 04:57:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration



TIC: BG023555.D

(91) Benzo(g,h,i)perylene

30.207min (-0.089) 0.02ng/ul

response 837

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	25.26
277.00	21.20	23.82
0.00	0.00	0.00

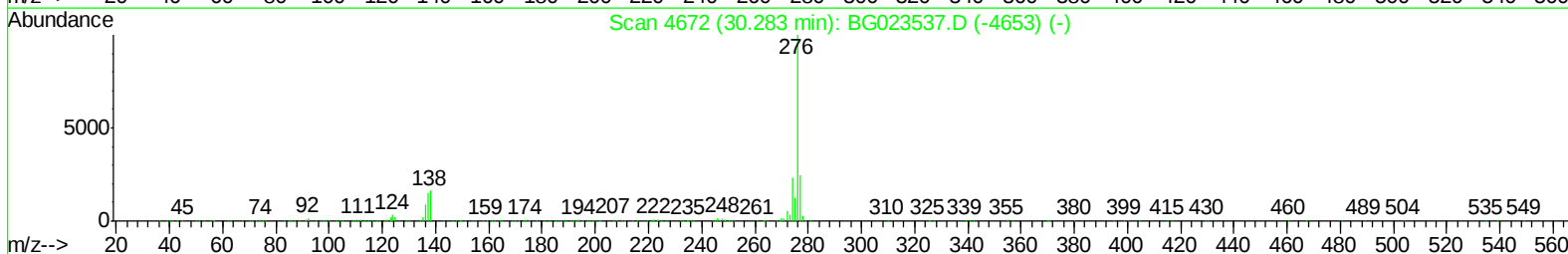
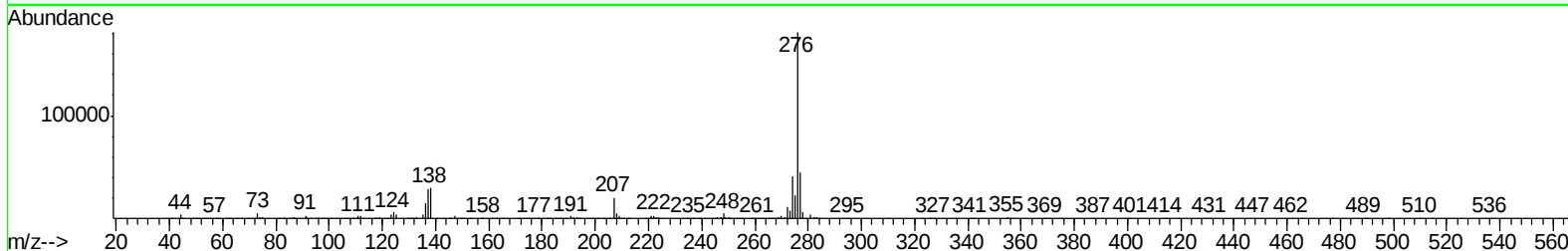
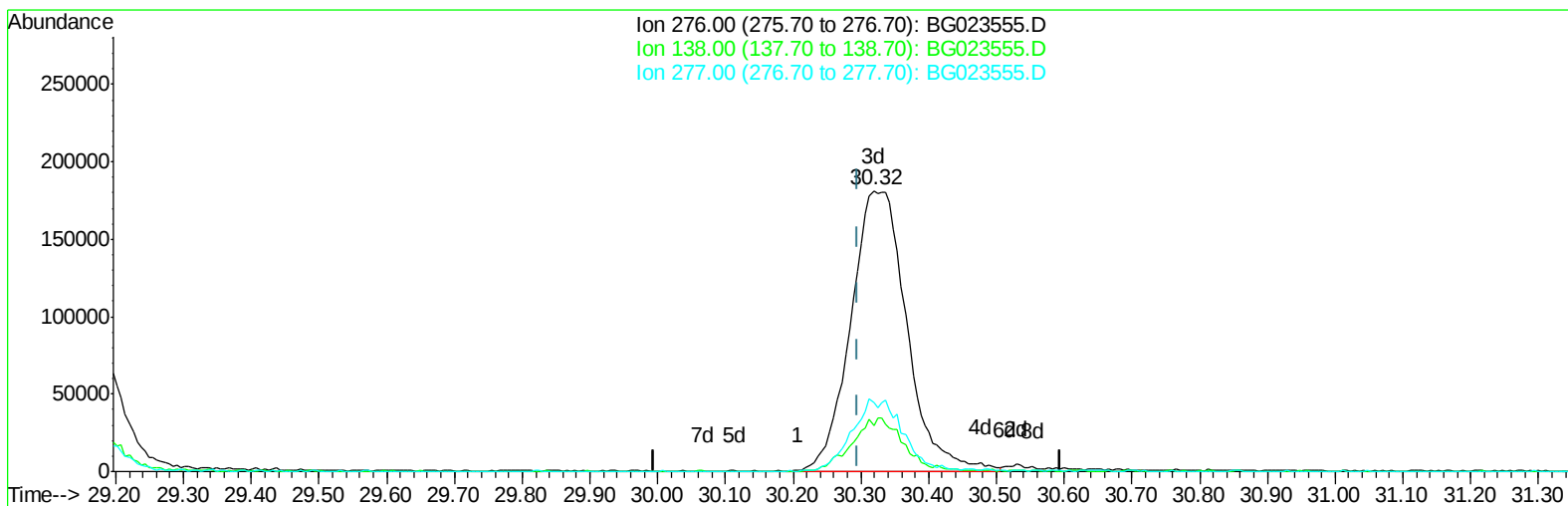
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080916\
Data File : BG023555.D
Acq On : 9 Aug 2016 12:24
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
APPROVED

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Quant Time: Aug 10 04:57:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration



TIC: BG023555.D

(91) Benzo(g,h,i)perylene

30.318min (+0.023) 20.14ng/ul m

response 1043396

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	16.31#
277.00	21.20	24.53
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080916\
 Data File : BG023555.D
 Acq On : 9 Aug 2016 12:24
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02018

Manual Integrations
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Quant Time: Aug 10 04:57:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 09 02:15:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	120661	20.00	ng/ul	0.02
18) Naphthalene-d8	10.97	136	582008	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.79	164	417680	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.55	188	1046669	20.00	ng/ul	0.01
75) Chrysene-d12	21.87	240	999148	20.00	ng/ul	0.00
83) Perylene-d12	25.25	264	968382	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	21650	7.63	ng/uL	0.00
5) Phenol-d5	7.29	99	249774	20.55	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.45	67	160263	20.58	ng/ul	0.02
9) 2-Chlorophenol-d4	7.67	132	176604	21.30	ng/ul	0.02
13) 4-Methylphenol-d8	8.85	113	195353	20.59	ng/ul	0.02
19) Nitrobenzene-d5	9.31	128	94508	20.60	ng/ul	0.02
22) 2-Nitrophenol-d4	10.04	143	104080	19.75	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	208186	20.95	ng/ul	0.02
29) 4-Chloroaniline-d4	11.10	131	267139	22.91	ng/ul	0.02
43) Dimethylphthalate-d6	14.19	166	697078	20.38	ng/ul	0.01
46) Acenaphthylene-d8	14.49	160	803501	20.88	ng/ul	0.01
51) 4-Nitrophenol-d4	15.00	143	102428	17.54	ng/ul	0.02
57) Fluorene-d10	15.79	176	650552	20.59	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	135576	20.19	ng/ul	0.01
70) Anthracene-d10	17.65	188	985057	20.89	ng/ul	0.01
76) Pyrene-d10	19.94	212	1057482	20.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	907528	20.70	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	25661	8.62	ng/uL	90
4) Benzaldehyde	7.27	77	163664	22.09	ng/ul#	80
6) Phenol	7.32	94	262712	20.75	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.54	93	190735	20.76	ng/ul#	86
10) 2-Chlorophenol	7.70	128	175946	20.83	ng/ul#	81
11) 2-Methylphenol	8.58	108	196503	20.61	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.67	45	273953	21.79	ng/ul	98
14) Acetophenone	8.97	105	325150	21.36	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.94	70	195303	21.33	ng/ul#	90
16) 4-Methylphenol	8.91	108	226563	21.20	ng/ul	99
17) Hexachloroethane	9.23	117	71114	19.51	ng/ul#	69
20) Nitrobenzene	9.35	77	267356	19.88	ng/ul#	86
21) Isophorone	9.88	82	501560	20.28	ng/ul#	92
23) 2-Nitrophenol	10.08	139	114932	20.20	ng/ul#	76
24) 2,4-Dimethylphenol	10.13	107	250461	20.07	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.36	93	286160	20.06	ng/ul#	94
27) 2,4-Dichlorophenol	10.62	162	205809	20.53	ng/ul	94
28) Naphthalene	11.02	128	609055	20.61	ng/ul	99
30) 4-Chloroaniline	11.13	127	262164	22.65	ng/ul	97
31) Hexachlorobutadiene	11.29	225	133023	19.93	ng/ul	90
32) Caprolactam	11.88	113	80445	19.33	ng/ul#	41
33) 4-Chloro-3-methylphenol	12.25	107	257865	19.99	ng/ul#	82
34) 2-Methylnaphthalene	12.62	142	488026	20.37	ng/ul	92

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080916\
 Data File : BG023555.D
 Acq On : 9 Aug 2016 12:24
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02018

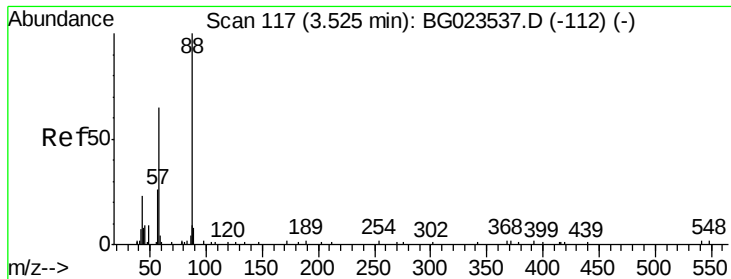
Manual Integrations
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 8/10/2016 6:49:10 PM

Quant Time: Aug 10 04:57:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 09 02:15:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	270462	21.09	ng/ul	94
37) Hexachlorocyclopentadiene	12.96	237	136756	19.28	ng/ul	94
38) 2,4,6-Trichlorophenol	13.23	196	188395	21.21	ng/ul	97
39) 2,4,5-Trichlorophenol	13.31	196	198943	20.89	ng/ul	99
40) 1,1'-Biphenyl	13.62	154	657749	21.43	ng/ul	97
41) 2-Chloronaphthalene	13.66	162	508066	21.29	ng/ul	97
42) 2-Nitroaniline	13.88	65	199222	20.44	ng/ul#	72
44) Dimethylphthalate	14.23	163	684996	20.23	ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	147207	20.05	ng/ul#	81
47) Acenaphthylene	14.52	152	850894	21.14	ng/ul	97
48) 3-Nitroaniline	14.70	138	151579	21.96	ng/ul#	72
49) Acenaphthene	14.86	153	569471	20.76	ng/ul	96
50) 2,4-Dinitrophenol	14.92	184	82891	18.30	ng/ul#	90
53) Dibenzofuran	15.19	168	842432	20.73	ng/ul#	86
54) 2,4-Dinitrotoluene	15.16	165	232024	20.86	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.42	232	191838	19.61	ng/ul	96
56) Diethylphthalate	15.60	149	721704	20.39	ng/ul	95
58) Fluorene	15.84	166	696965	20.59	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.83	204	346733	20.36	ng/ul	97
60) 4-Nitroaniline	15.87	138	160480	20.05	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.93	198	142798	20.26	ng/ul#	91
64) N-Nitrosodiphenylamine	16.04	169	626454	21.42	ng/ul	95
65) 4-Bromophenyl-phenylether	16.73	248	245925	20.49	ng/ul	94
66) Hexachlorobenzene	16.85	284	262527	20.53	ng/ul	95
67) Atrazine	17.00	200	250886	20.77	ng/ul	97
68) Pentachlorophenol	17.20	266	133472	18.92	ng/ul	90
69) Phenanthrene	17.59	178	1122889	20.72	ng/ul	98
71) Anthracene	17.69	178	1171882	21.19	ng/ul	98
72) Carbazole	17.96	167	998490	22.40	ng/ul	99
73) Di-n-butylphthalate	18.50	149	1190069	21.32	ng/ul#	95
74) Fluoranthene	19.60	202	1276229	23.00	ng/ul	95
77) Pyrene	19.97	202	1297821	21.01	ng/ul	96
78) Butylbenzylphthalate	20.84	149	506937	21.40	ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.75	252	375974	21.36	ng/ul#	97
80) Benzo(a)anthracene	21.84	228	1175284	20.89	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	684966	21.74	ng/ul#	98
82) Chrysene	21.91	228	1070636	20.93	ng/ul	98
84) Di-n-octyl phthalate	22.99	149	1155233	23.62	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1177530	21.38	ng/ul#	95
86) Benzo(k)fluoranthene	24.24	252	1122890	20.71	ng/ul#	92
88) Benzo(a)pyrene	25.08	252	1094994	20.59	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.12	276	1267743	20.29	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.18	278	1077918	20.23	ng/ul#	91

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



#2

1,4-Dioxane

Concen: 8.62 ng/uL

RT: 3.53 min Scan# 118

Delta R.T. 0.01 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

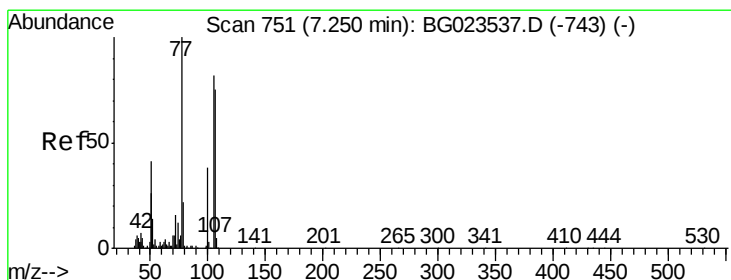
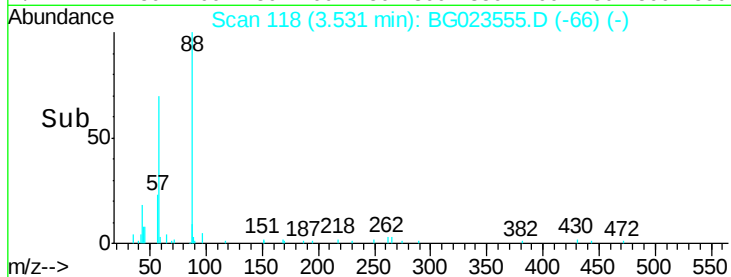
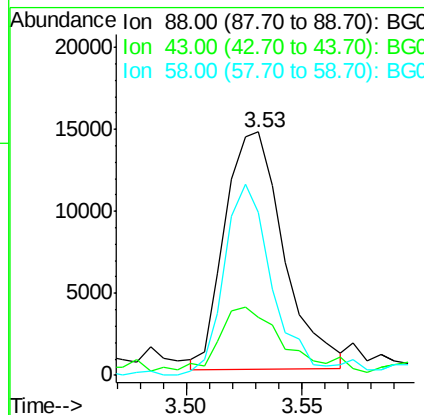
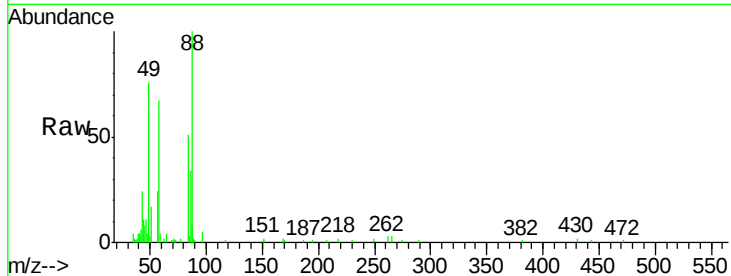
LabSampleId :

SSTD02018

Tgt Ion:	88	Resp:	25661
Ion Ratio	Lower	Upper	
88	100		
43	24.1	16.6	24.8
58	66.9	47.2	70.8

Manual Integrations
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#4

Benzaldehyde

Concen: 22.09 ng/uL

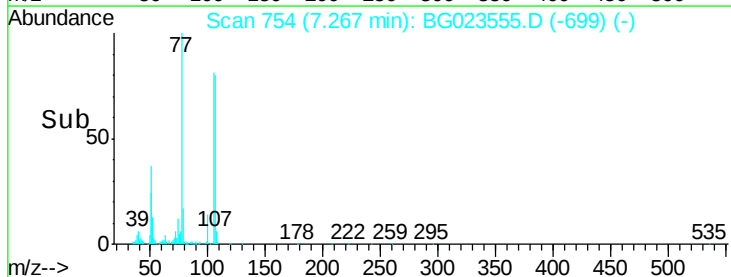
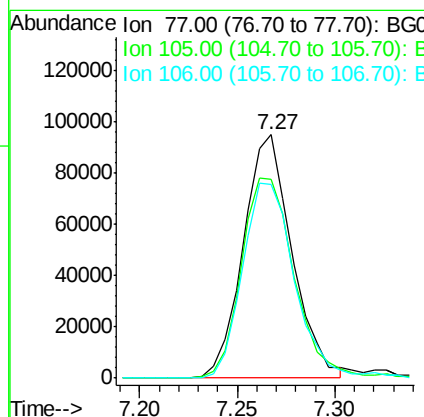
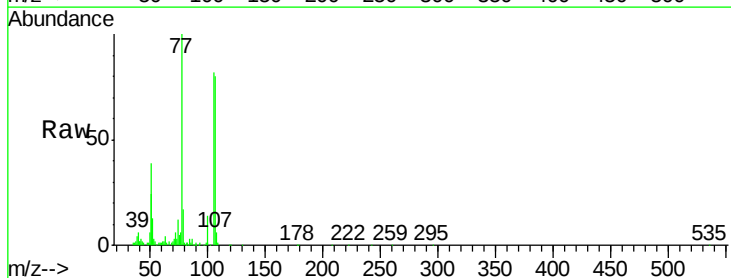
RT: 7.27 min Scan# 754

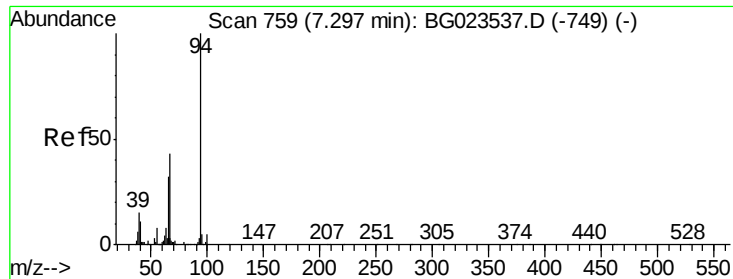
Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Tgt Ion:	77	Resp:	163664
Ion Ratio	Lower	Upper	
77	100		
105	81.8	83.8	125.8#
106	79.8	77.9	116.9





#6

Phenol

Concen: 20.75 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

LabSampleId :

SSTD02018

Tgt Ion: 94 Resp: 262712

Ion Ratio Lower Upper

94 100

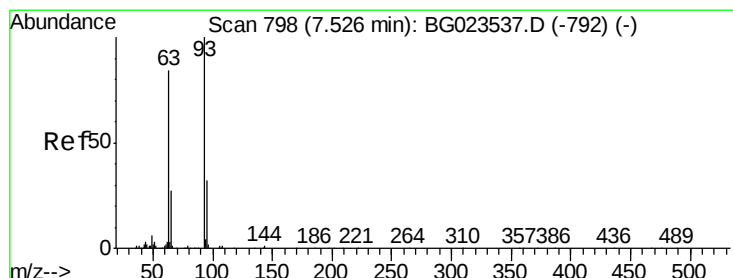
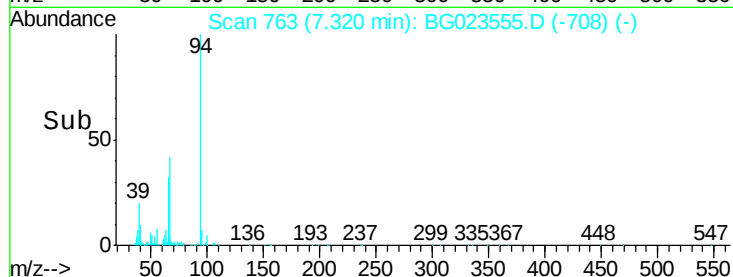
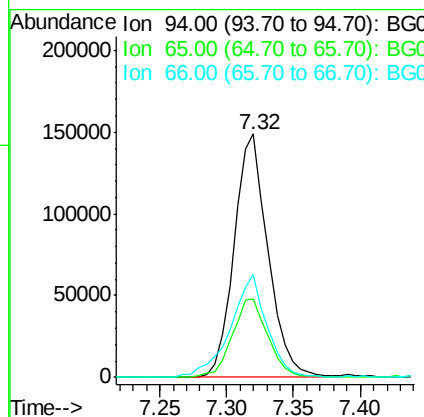
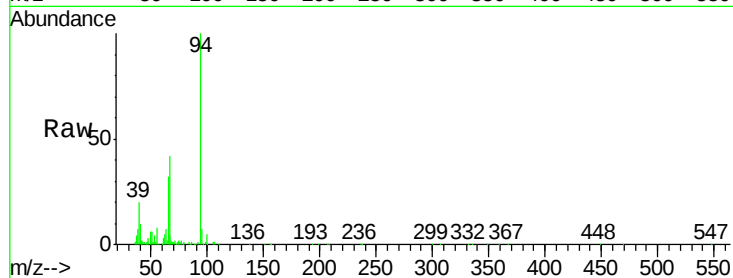
65 32.5 16.8 25.2#

66 42.2 22.6 33.8#

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#8

Bis(2-Chloroethyl)ether

Concen: 20.76 ng/ul

RT: 7.54 min Scan# 801

Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

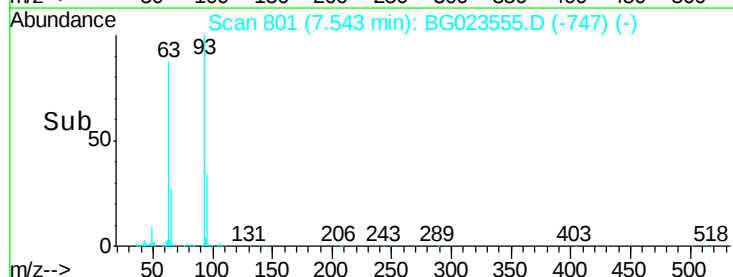
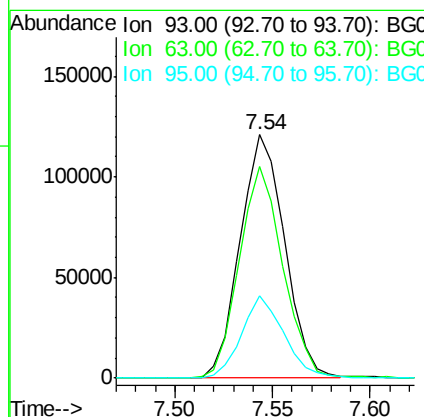
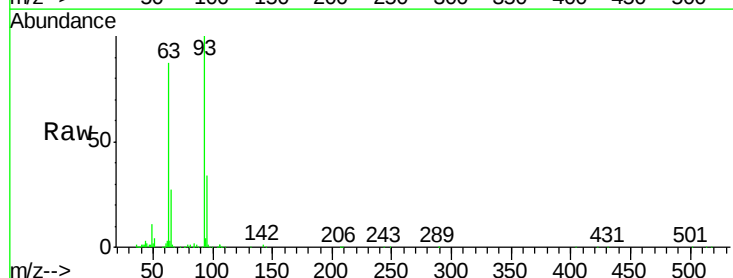
Tgt Ion: 93 Resp: 190735

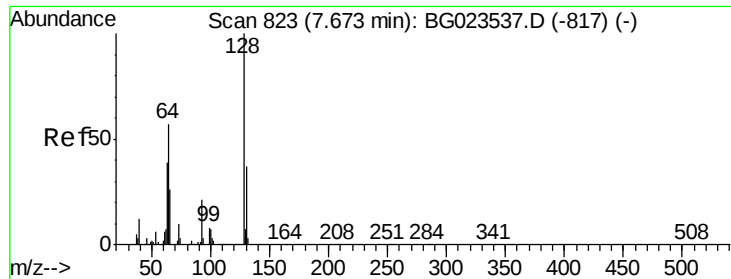
Ion Ratio Lower Upper

93 100

63 86.8 56.0 84.0#

95 33.7 27.7 41.5





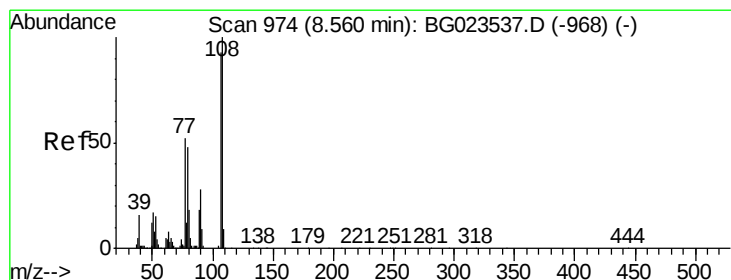
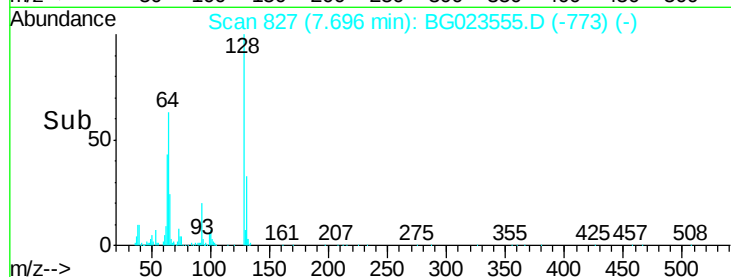
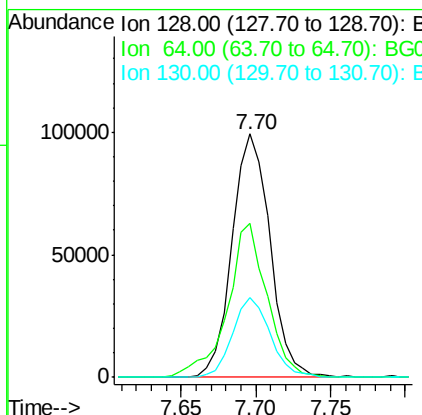
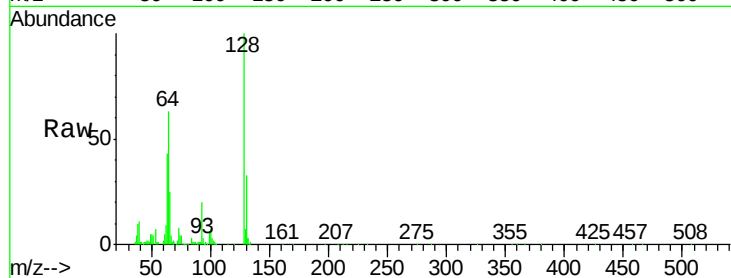
#10
2-Chlorophenol
Concen: 20.83 ng/ul
RT: 7.70 min Scan# 827
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	175946		
64	63.4	34.2	51.4#	
130	32.6	27.0	40.4	

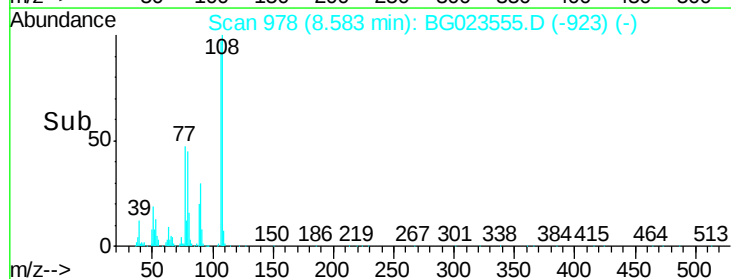
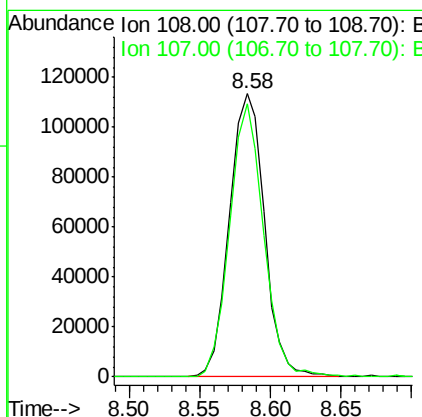
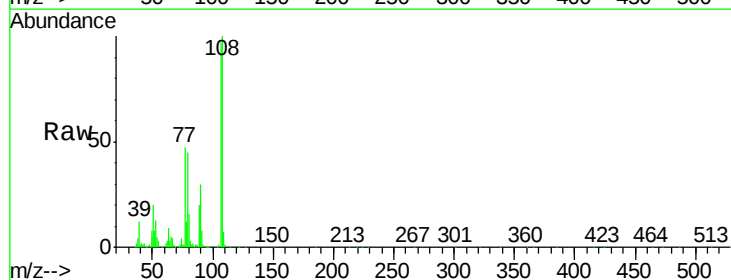
Manual Integrations
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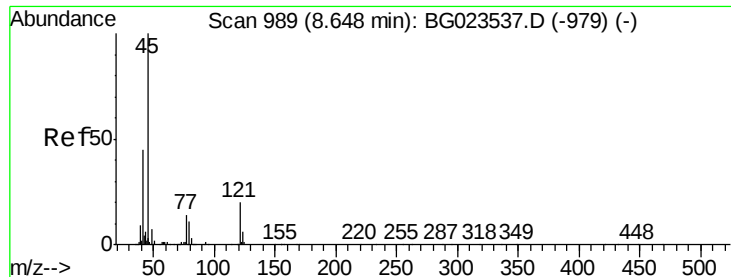
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#11
2-Methylphenol
Concen: 20.61 ng/ul
RT: 8.58 min Scan# 978
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	196503		
107	96.6	78.6	117.8	





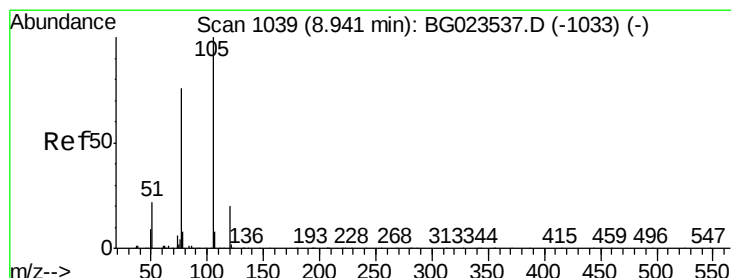
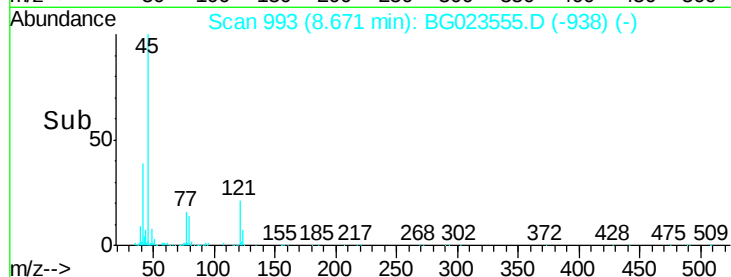
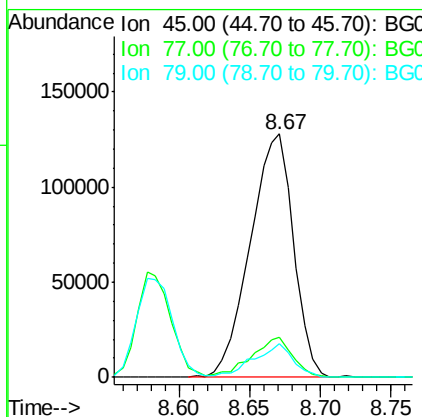
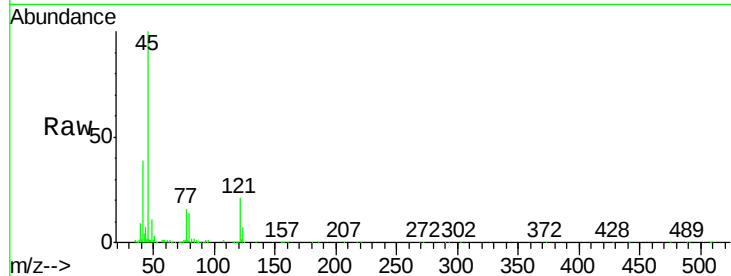
#12
2,2'-oxybis(1-chloropropane)
Concen: 21.79 ng/ul
RT: 8.67 min Scan# 993
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	13.4	20.2
79	13.6	10.2	15.4

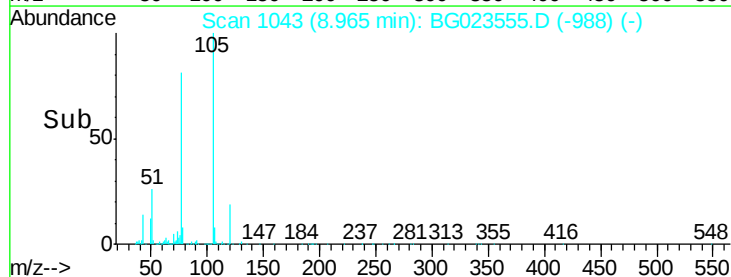
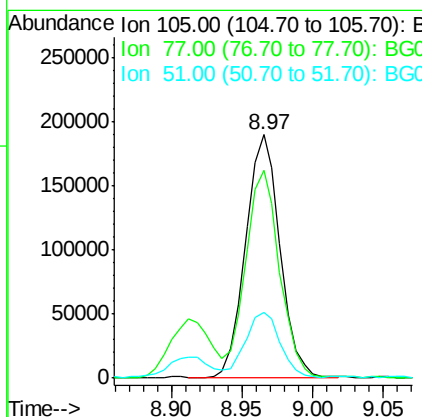
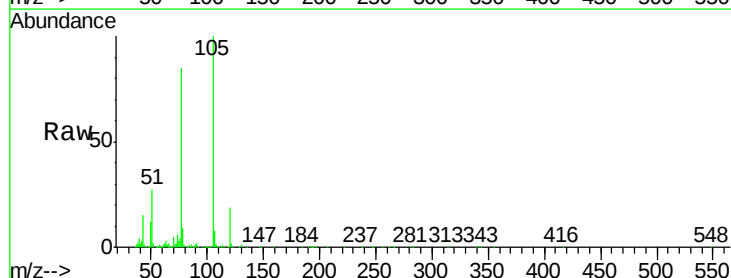
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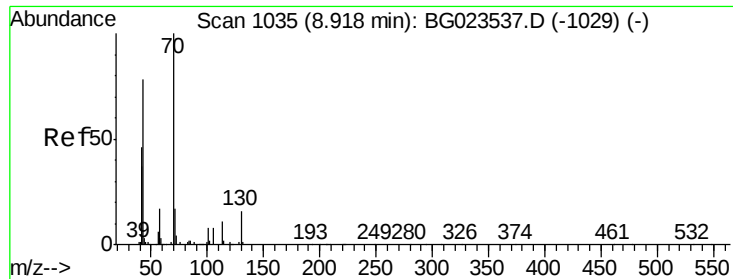
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#14
Acetophenone
Concen: 21.36 ng/ul
RT: 8.97 min Scan# 1043
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Lower	Upper
105	100		
77	85.3	56.1	84.1#
51	27.1	14.6	22.0#





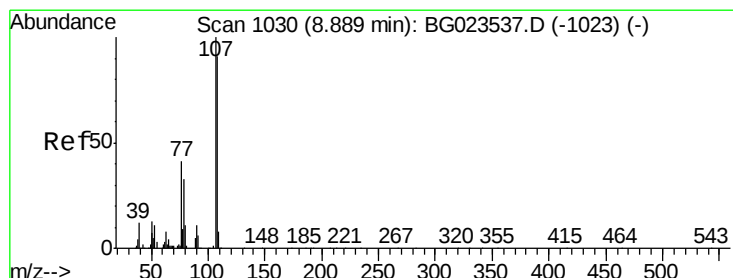
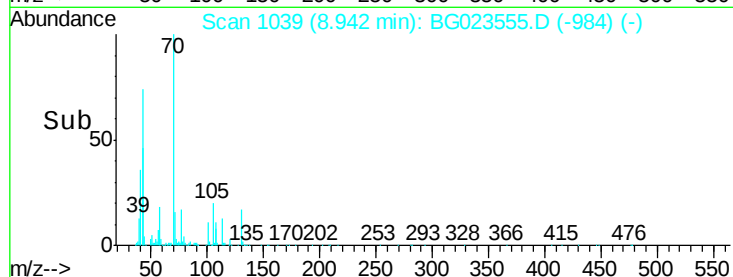
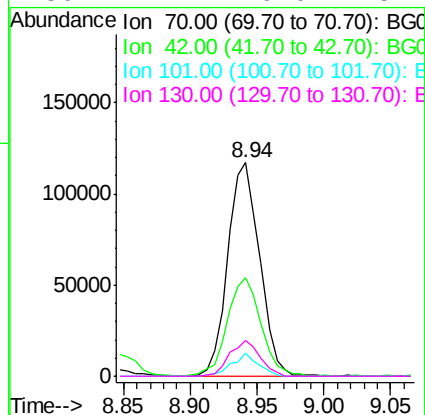
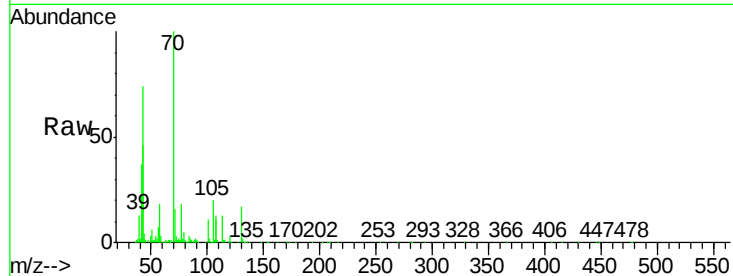
#15
N-Nitroso-di-n-propylamine
Concen: 21.33 ng/ul
RT: 8.94 min Scan# 1039
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.2	31.4	47.2
101	10.6	8.6	13.0
130	17.1	19.0	28.4

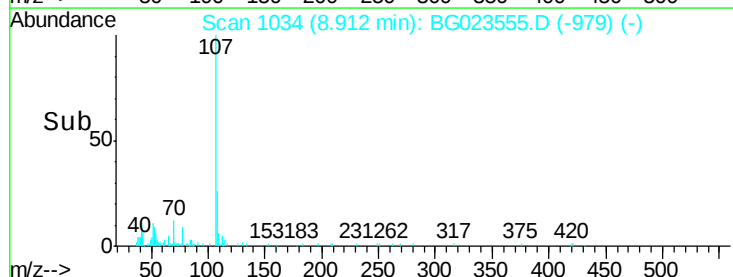
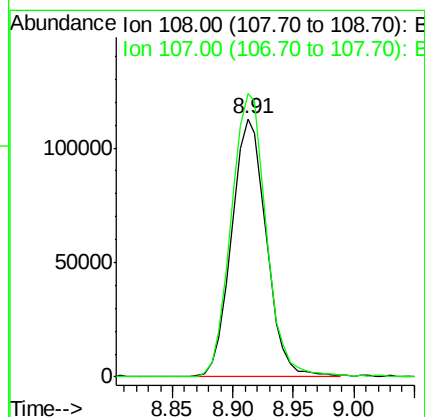
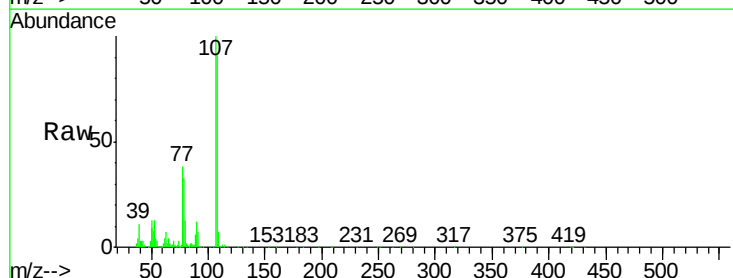
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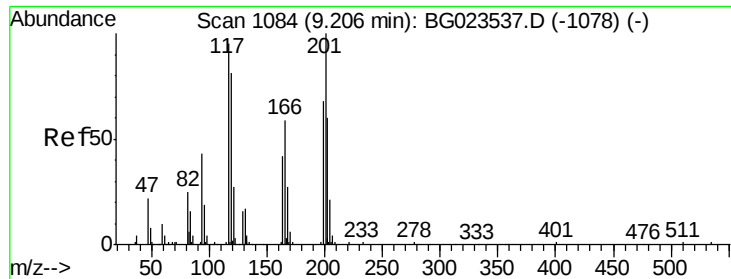
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#16
4-Methylphenol
Concen: 21.20 ng/ul
RT: 8.91 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Lower	Upper
108	100		
107	109.8	88.3	132.5





#17

Hexachloroethane

Concen: 19.51 ng/ul

RT: 9.23 min Scan# 1088

Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

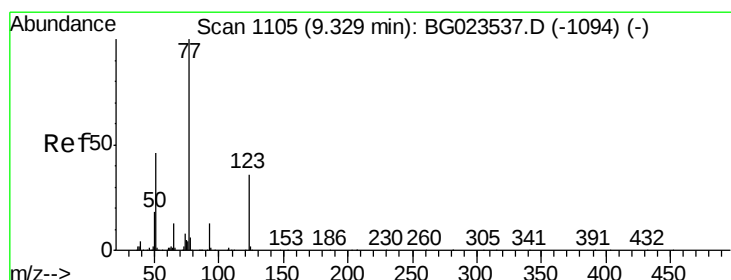
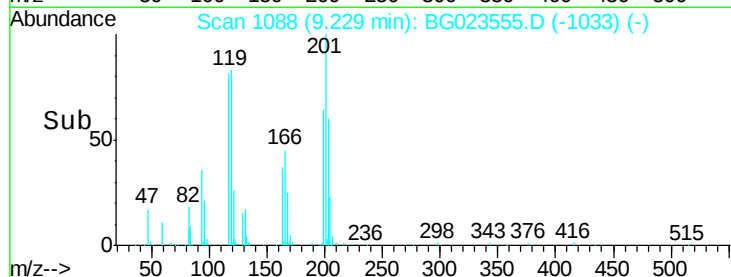
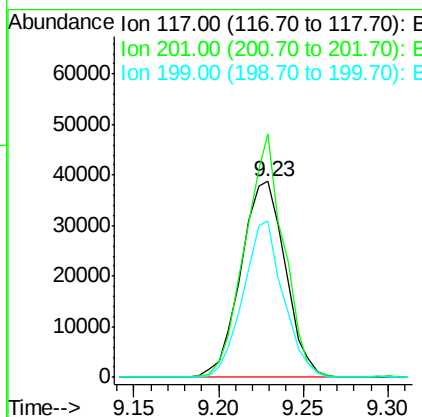
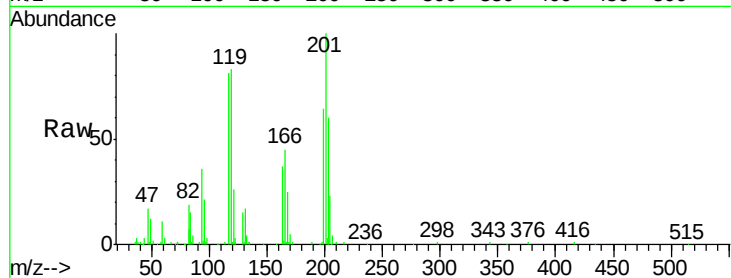
LabSampleId :

SSTD02018

Tgt Ion	Ratio	Lower	Upper
117	100		
201	124.2	76.8	115.2#
199	80.0	43.5	65.3#

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#20

Nitrobenzene

Concen: 19.88 ng/ul

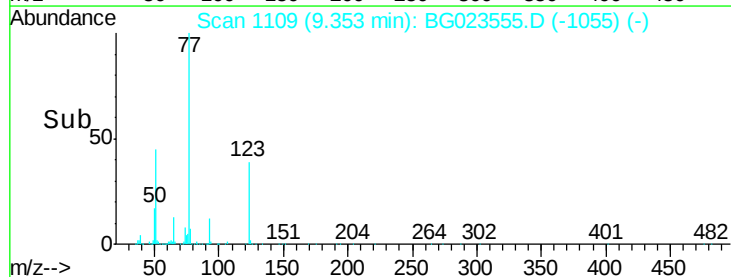
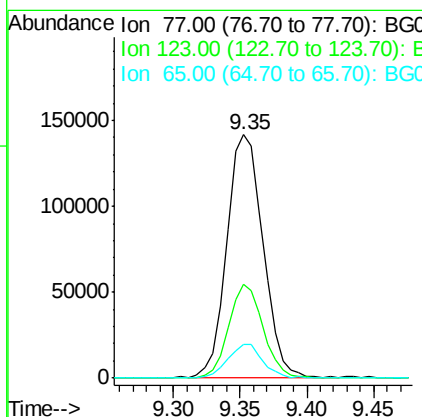
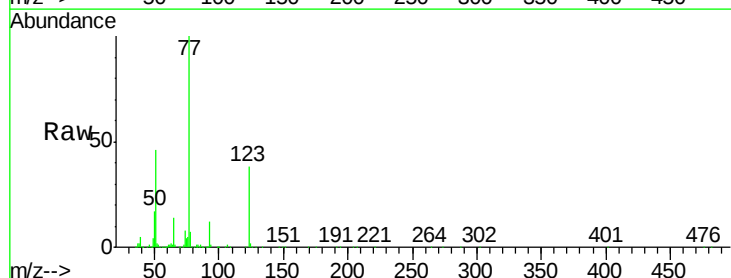
RT: 9.35 min Scan# 1109

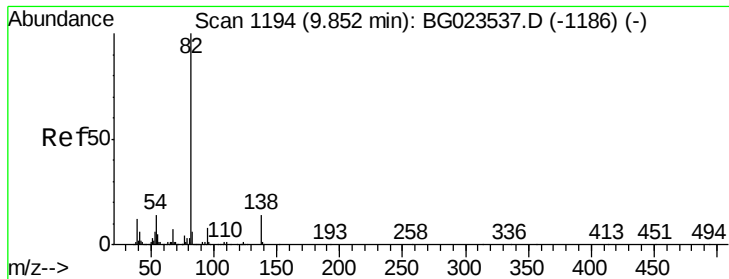
Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.3	39.5	59.3#
65	13.6	9.0	13.4#





#21

Isophorone

Concen: 20.28 ng/ul

RT: 9.88 min Scan# 1198

Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

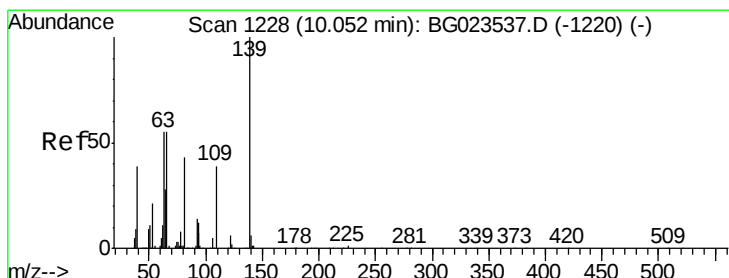
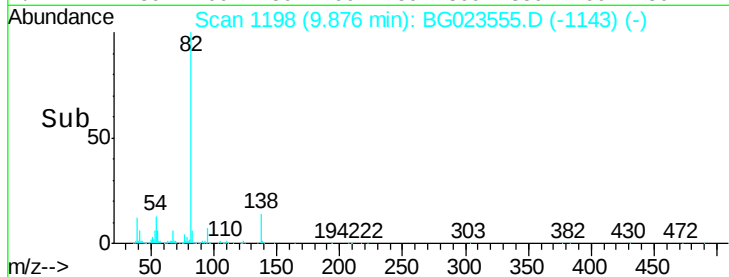
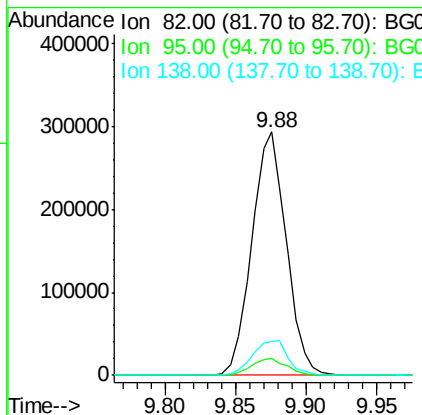
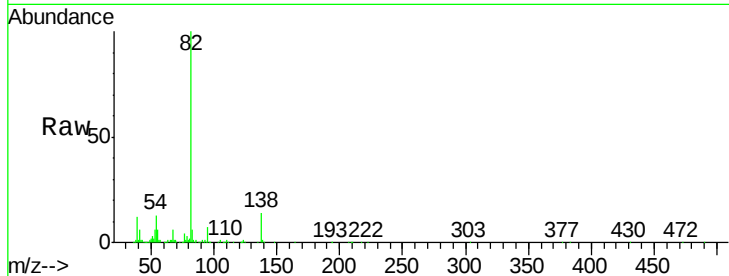
LabSampleId :

SSTD02018

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	501560		
95	7.0	5.1	7.7	
138	14.1	15.0	22.6	

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#23

2-Nitrophenol

Concen: 20.20 ng/ul

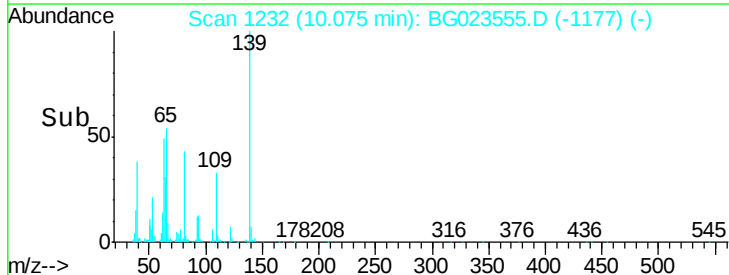
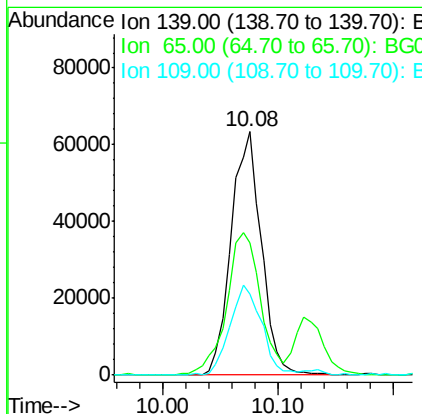
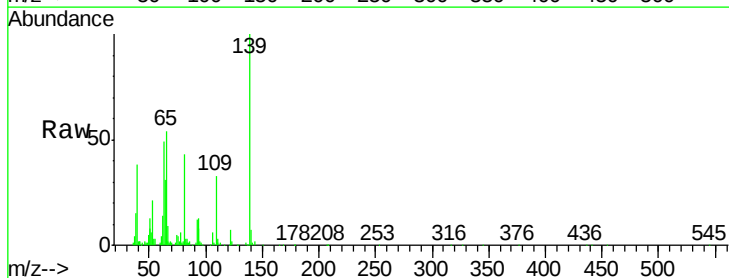
RT: 10.08 min Scan# 1232

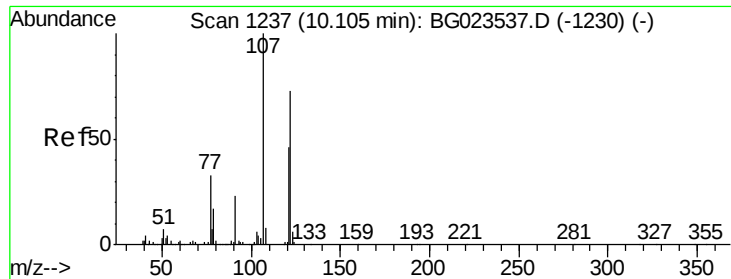
Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	114932		
65	54.1	31.8	47.8	
109	33.5	17.1	25.7	





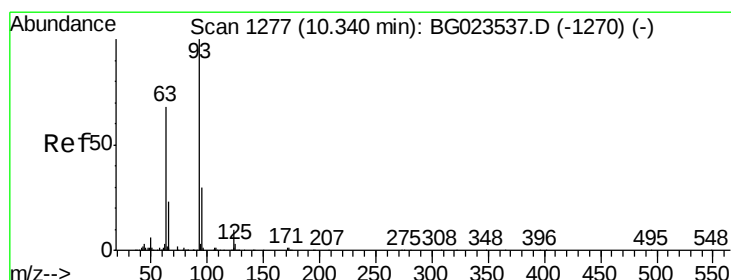
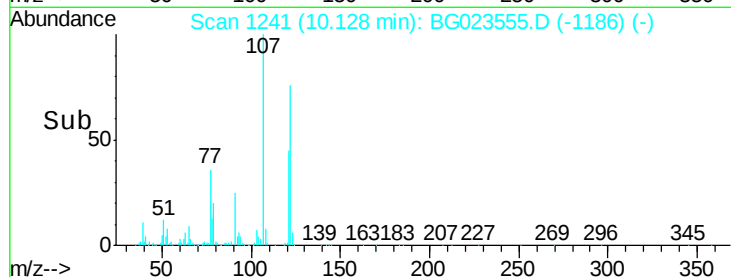
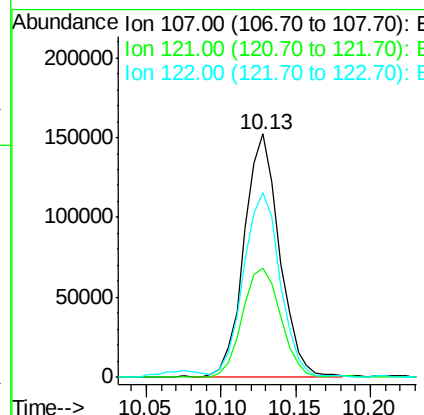
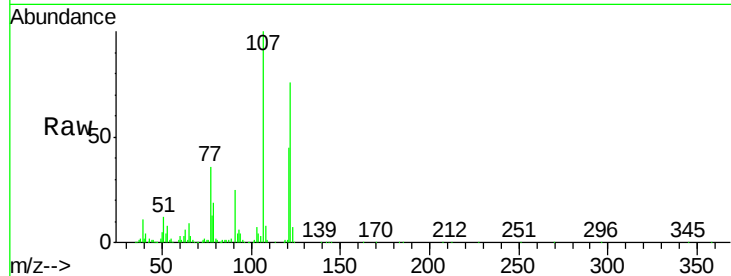
#24
2,4-Dimethylphenol
Concen: 20.07 ng/ul
RT: 10.13 min Scan# 1241
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	250461		
121	45.1	43.7	65.5	
122	76.0	70.3	105.5	

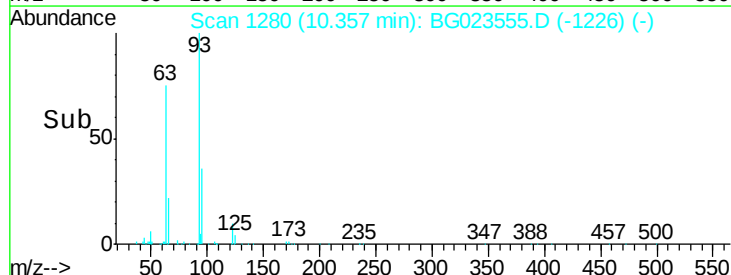
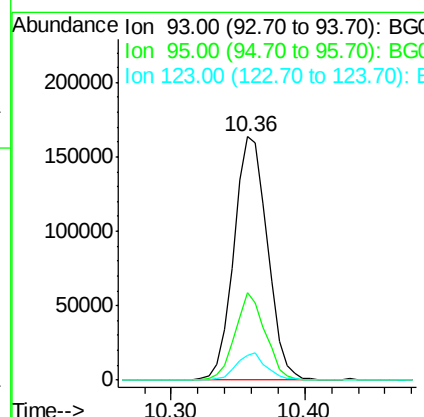
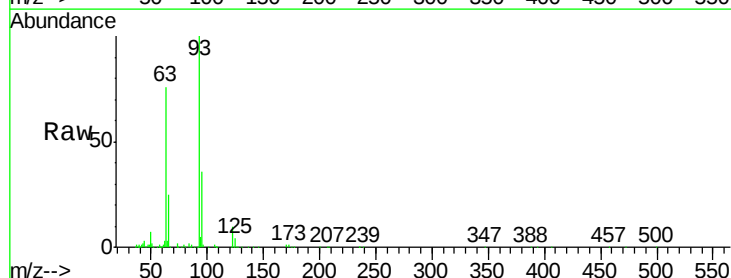
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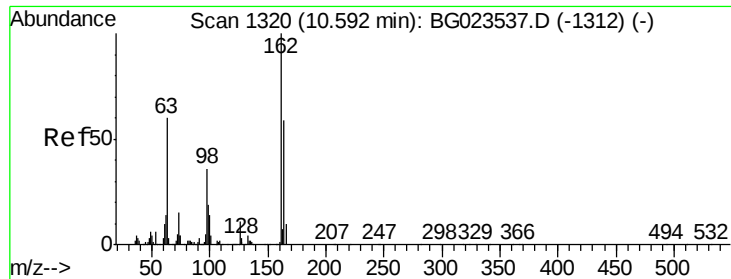
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#25
Bis(2-Chloroethoxy)methane
Concen: 20.06 ng/ul
RT: 10.36 min Scan# 1280
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	286160		
95	36.0	26.0	39.0	
123	10.1	10.1	15.1	





#27

2,4-Dichlorophenol

Concen: 20.53 ng/ul

RT: 10.62 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

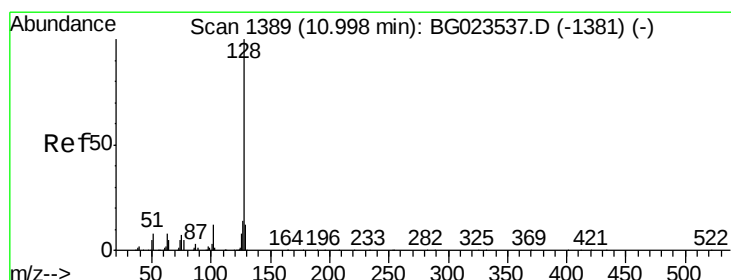
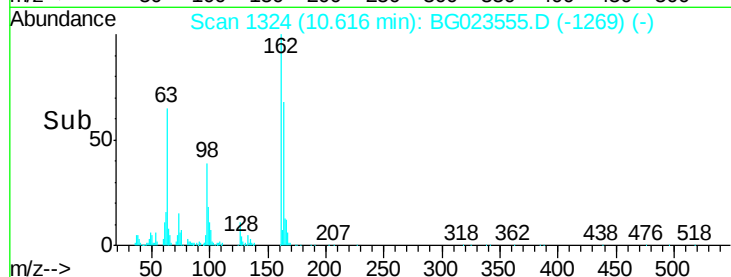
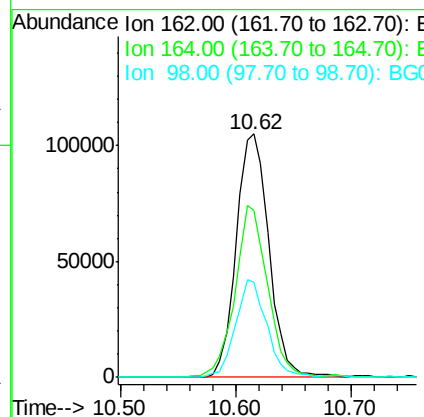
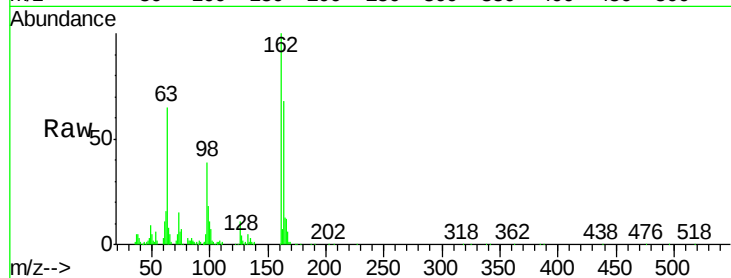
LabSampleId :

SSTD02018

Tgt	Ion	162	Resp:	205809
Ion	Ratio	Lower	Upper	
162	100			
164	68.5	51.6	77.4	
98	39.1	28.3	42.5	

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#28

Naphthalene

Concen: 20.61 ng/ul

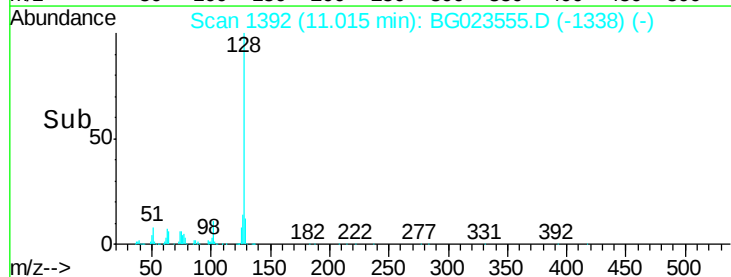
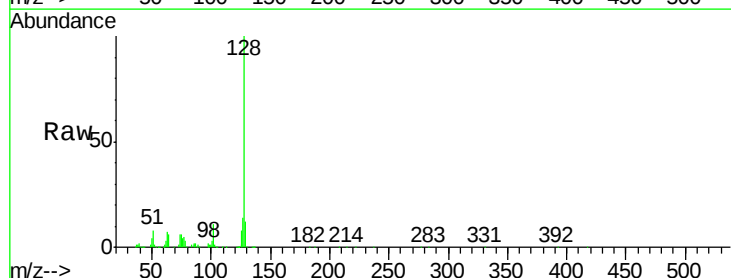
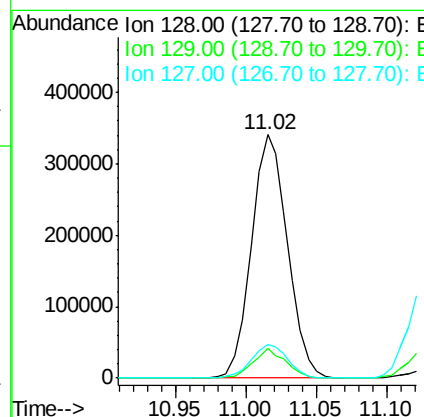
RT: 11.02 min Scan# 1392

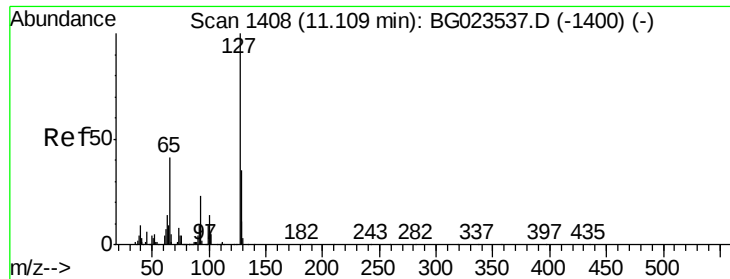
Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Tgt	Ion	128	Resp:	609055
Ion	Ratio	Lower	Upper	
128	100			
129	12.3	9.4	14.2	
127	13.7	11.2	16.8	





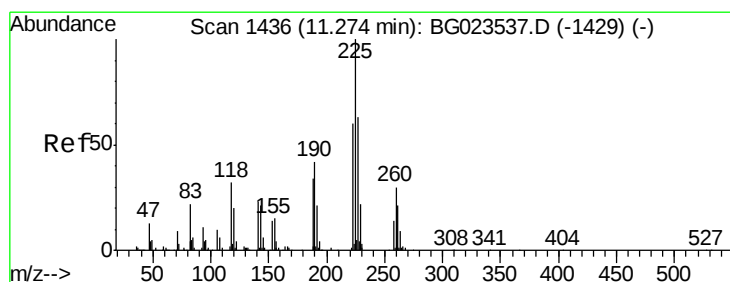
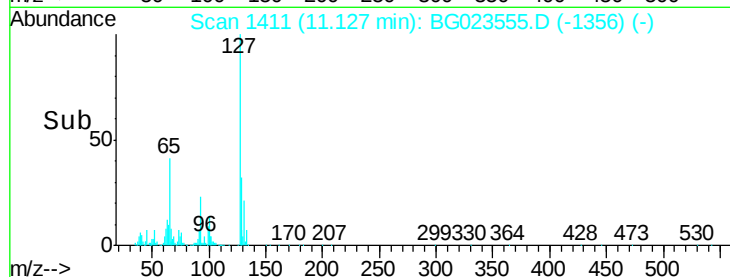
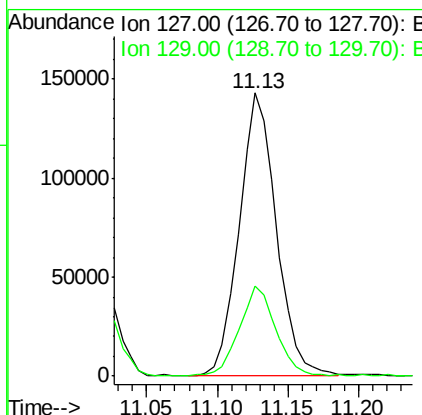
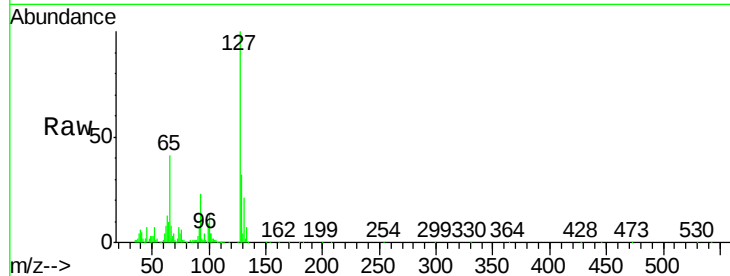
#30
4-Chloroaniline
Concen: 22.65 ng/ul
RT: 11.13 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.9	40.3

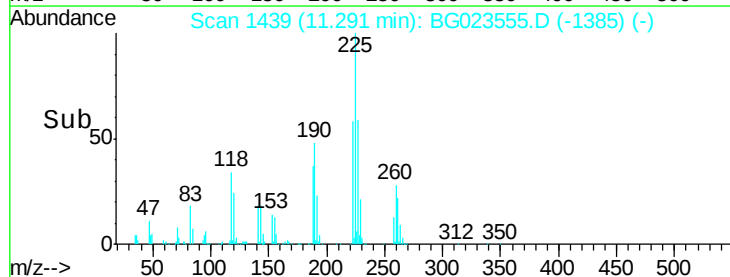
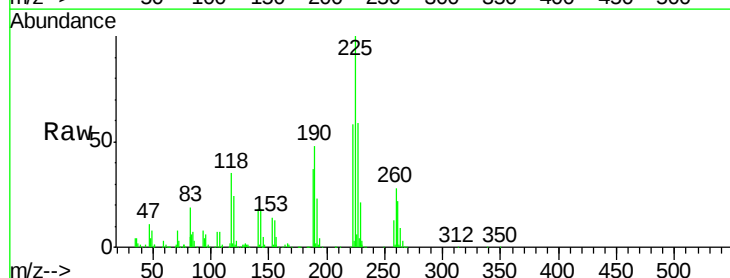
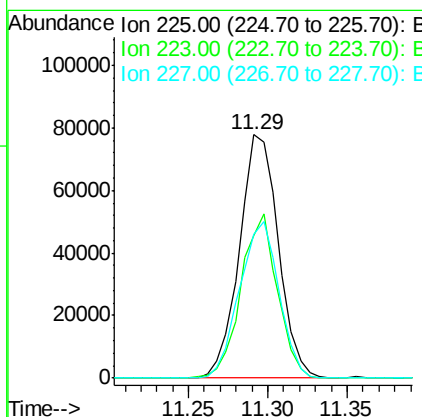
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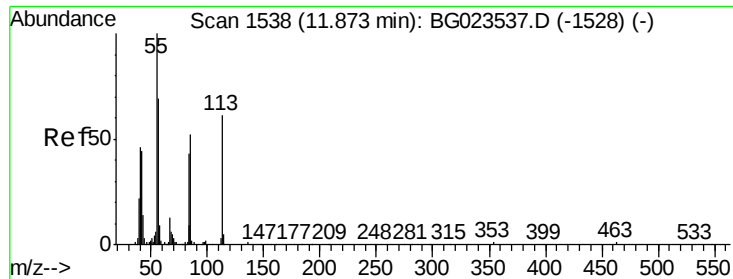
sohil
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#31
Hexachlorobutadiene
Concen: 19.93 ng/ul
RT: 11.29 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.3	54.7	82.1
227	59.1	52.2	78.4





#32

Caprolactam

Concen: 19.33 ng/ul

RT: 11.88 min Scan# 1540

Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

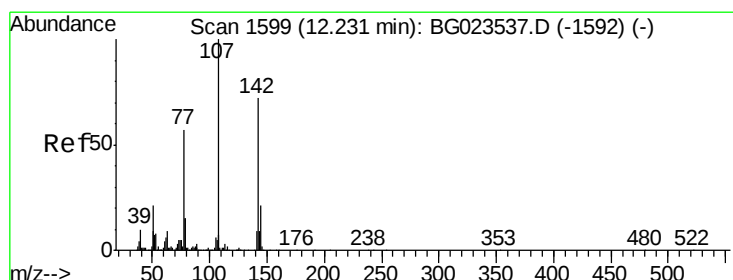
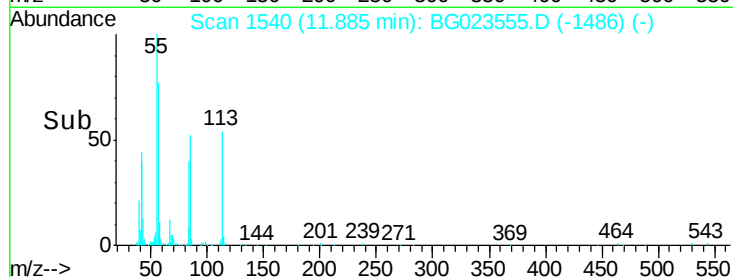
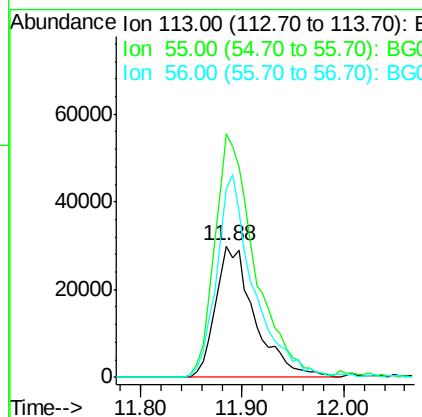
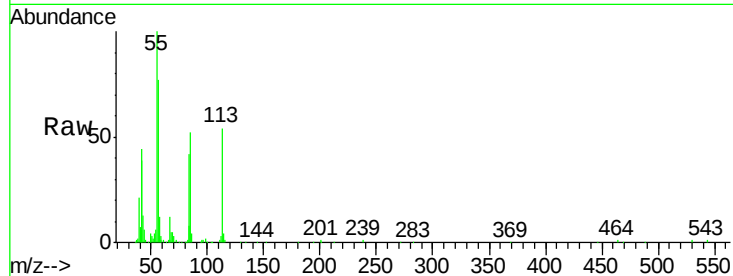
LabSampleId :

SSTD02018

Tgt Ion:	113	Resp:	80445
Ion Ratio	Lower	Upper	
113	100		
55	185.3	99.6	149.4#
56	143.0	66.4	99.6#

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#33

4-Chloro-3-methylphenol

Concen: 19.99 ng/ul

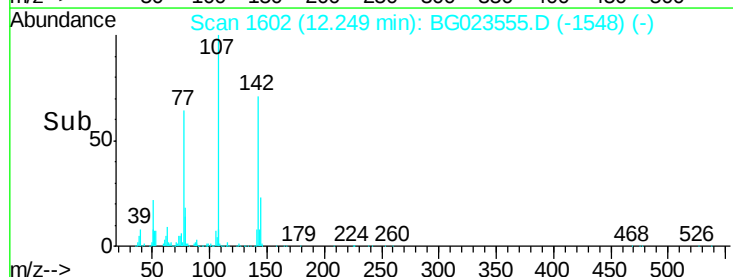
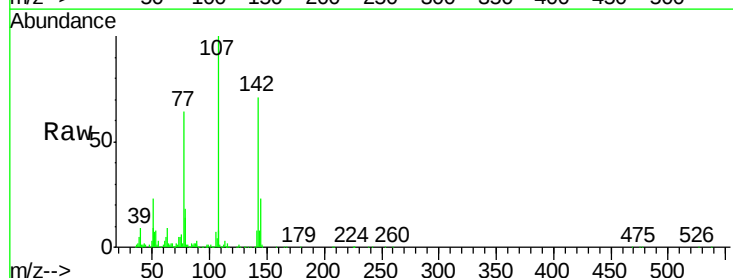
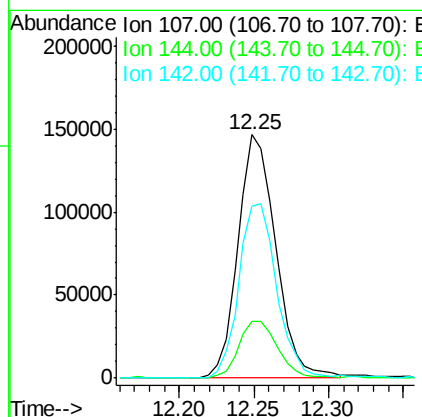
RT: 12.25 min Scan# 1602

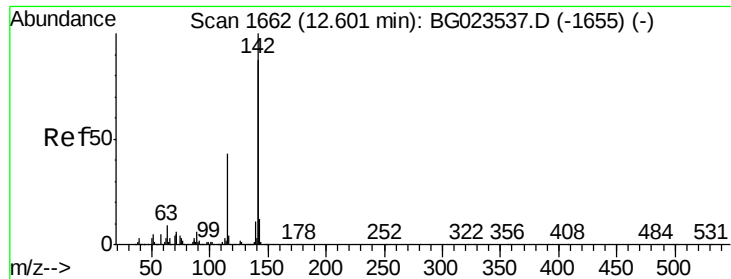
Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Tgt Ion:	107	Resp:	257865
Ion Ratio	Lower	Upper	
107	100		
144	23.5	22.7	34.1
142	70.5	71.6	107.4#





#34

2-Methylnaphthalene

Concen: 20.37 ng/ul

RT: 12.62 min Scan# 1665

Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

LabSampleId :

SSTD02018

Tgt Ion:142 Resp: 488026

Ion Ratio Lower Upper

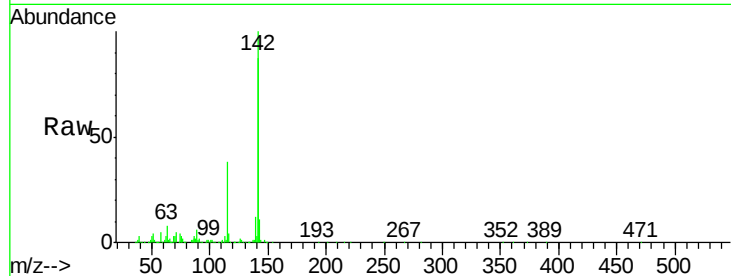
142 100

141 86.5 75.2 112.8

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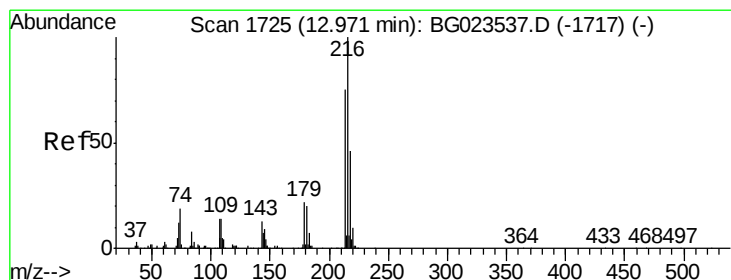
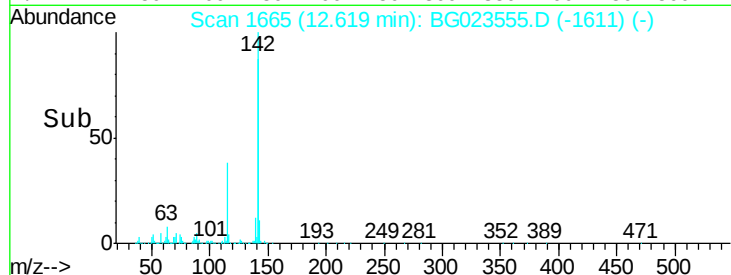
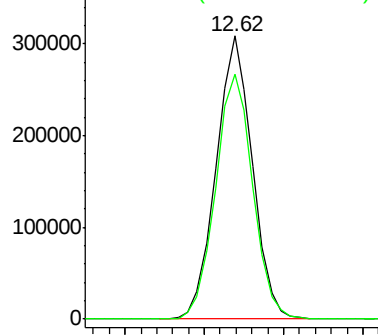
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.09 ng/ul

RT: 12.98 min Scan# 1727

Delta R.T. 0.01 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Tgt Ion:216 Resp: 270462

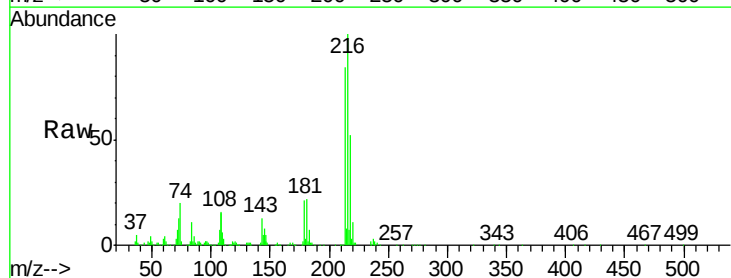
Ion Ratio Lower Upper

216 100

214 84.0 61.7 92.5

179 21.1 17.0 25.4

108 16.0 14.2 21.2

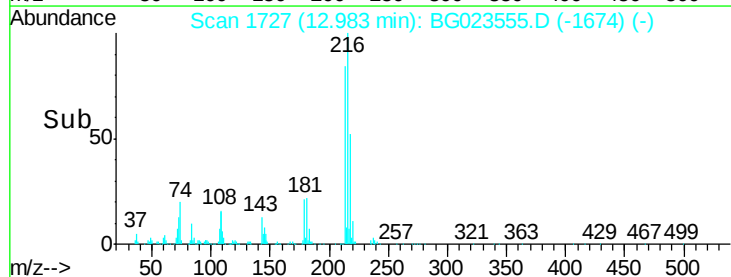
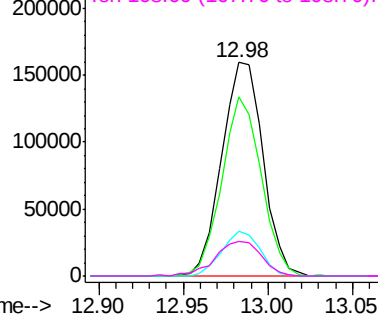


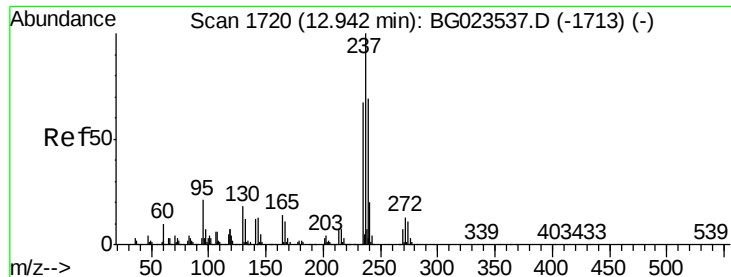
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#37

Hexachlorocyclopentadiene

Concen: 19.28 ng/ul

RT: 12.96 min Scan# 1723

Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

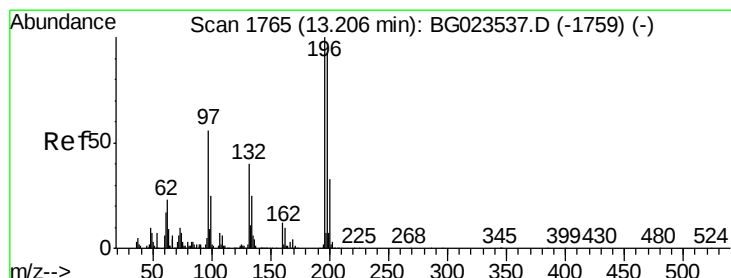
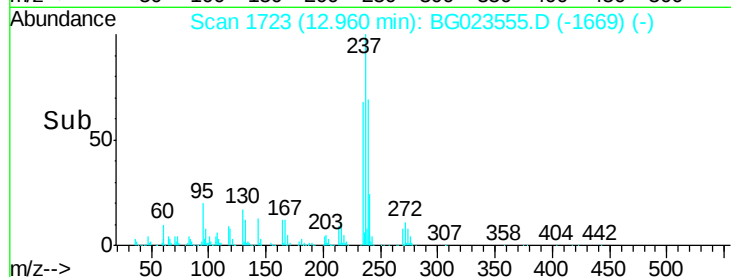
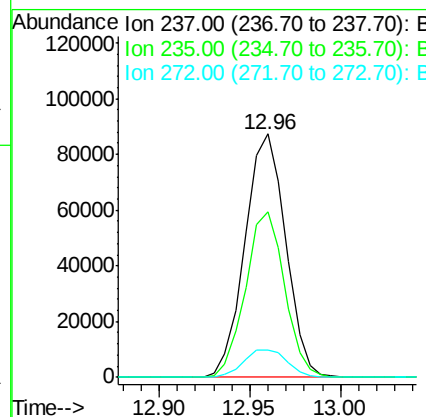
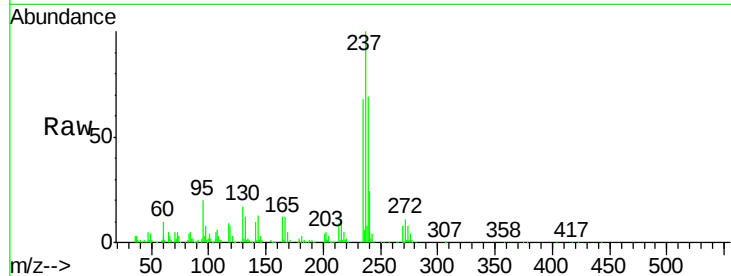
LabSampleId :

SSTD02018

Tgt Ion:	237	Resp:	136756
Ion Ratio		Lower	Upper
237	100		
235	67.9	49.6	74.4
272	11.5	9.3	13.9

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#38

2,4,6-Trichlorophenol

Concen: 21.21 ng/ul

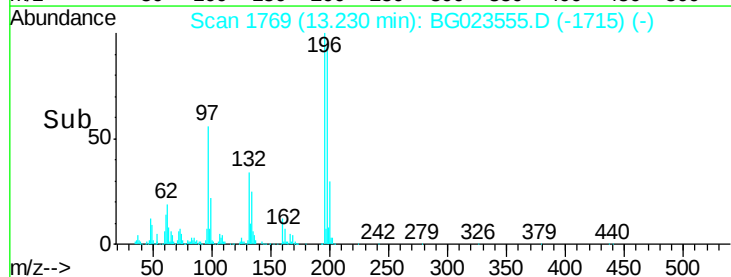
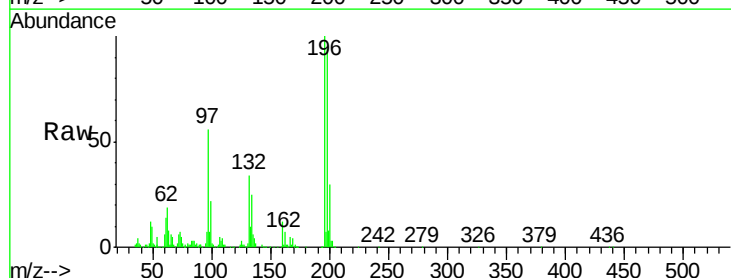
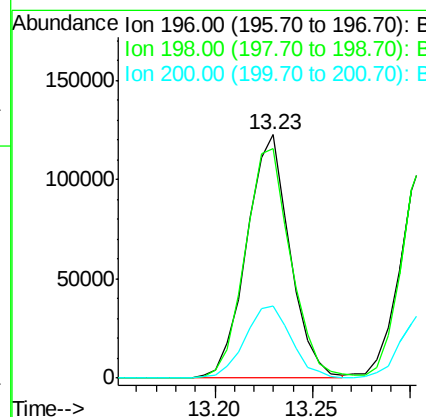
RT: 13.23 min Scan# 1769

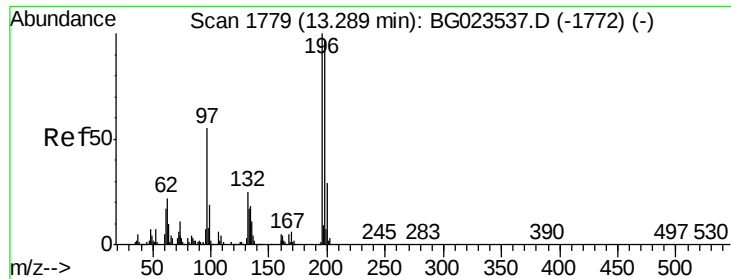
Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Tgt Ion:	196	Resp:	188395
Ion Ratio		Lower	Upper
196	100		
198	94.4	77.4	116.0
200	29.7	26.6	39.8





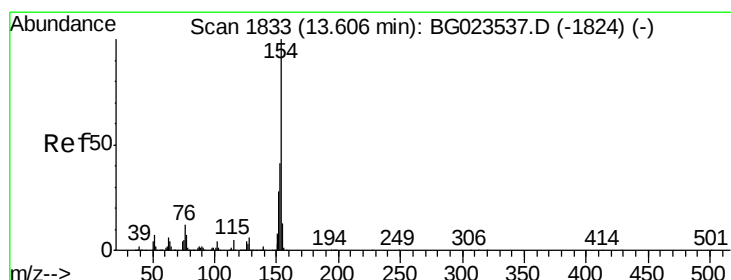
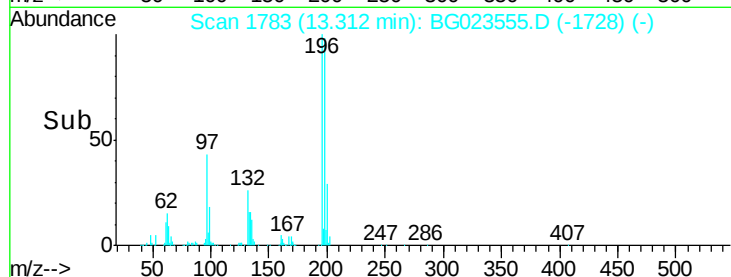
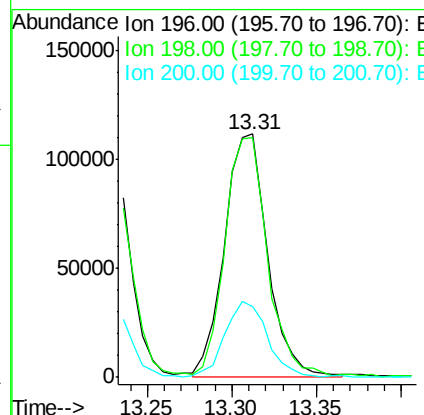
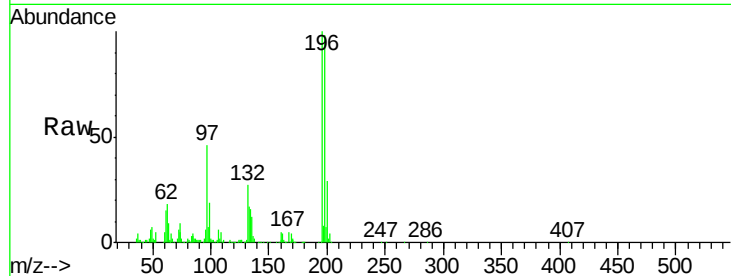
#39
 2,4,5-Trichlorophenol
 Concen: 20.89 ng/ul
 RT: 13.31 min Scan# 1783
 Delta R.T. 0.02 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Instrument :
 BNA_G
 LabSampleId :
 SST02018

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198943		
198	98.4	79.8	119.8	
200	29.3	24.0	36.0	

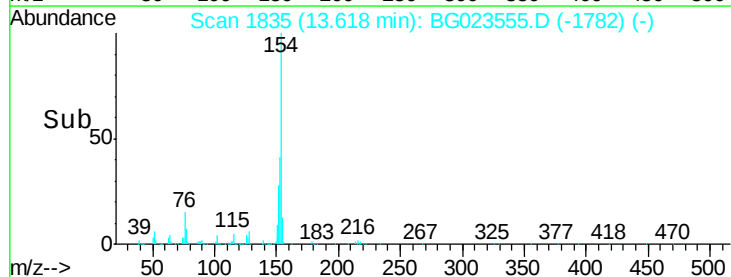
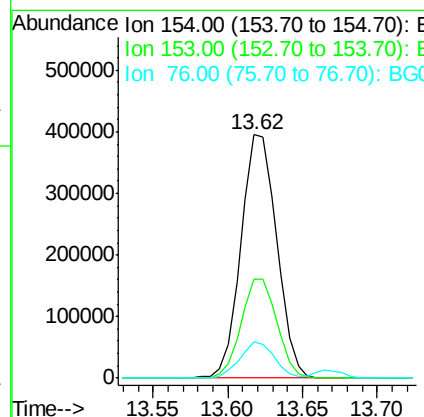
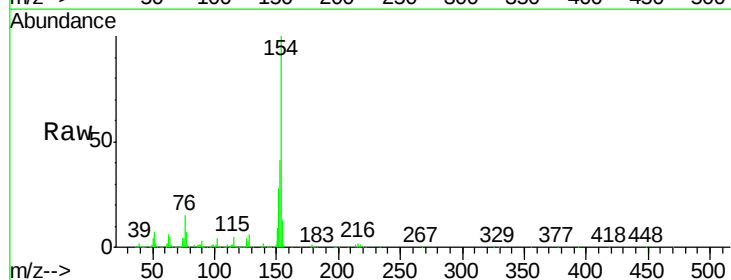
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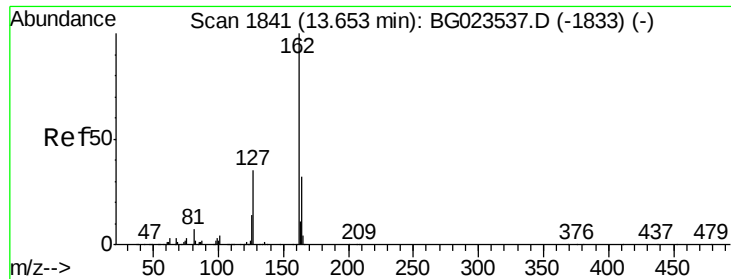
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#40
 1,1'-Biphenyl
 Concen: 21.43 ng/ul
 RT: 13.62 min Scan# 1835
 Delta R.T. 0.01 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	657749		
153	40.9	34.6	52.0	
76	14.8	11.9	17.9	





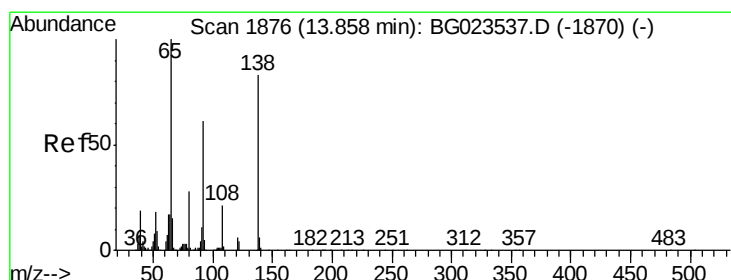
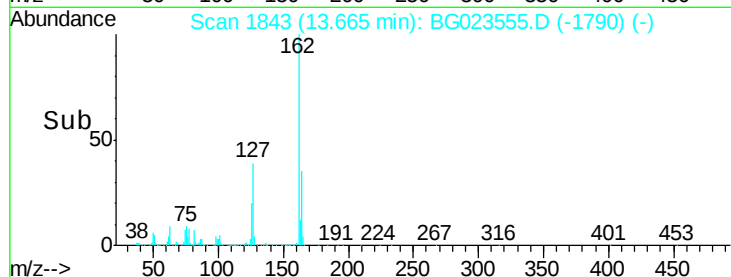
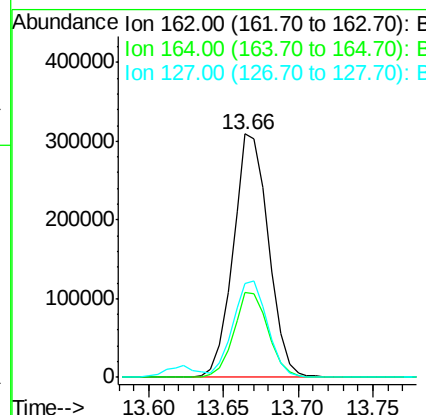
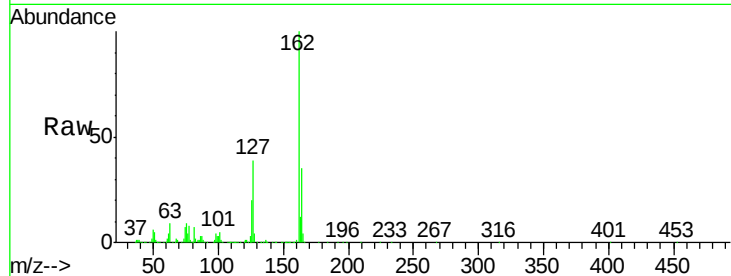
#41
2-Chloronaphthalene
Concen: 21.29 ng/ul
RT: 13.66 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

Tgt Ion	Ratio	Lower	Upper
162	100		
164	34.9	25.4	38.2
127	38.8	30.2	45.4

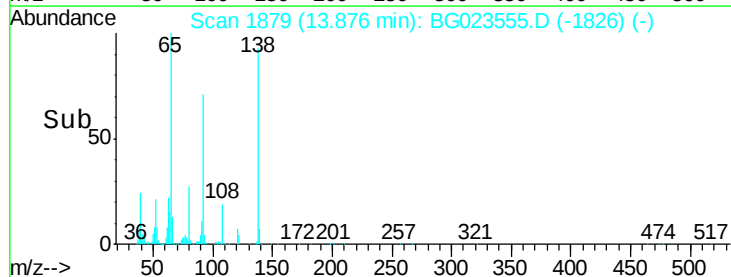
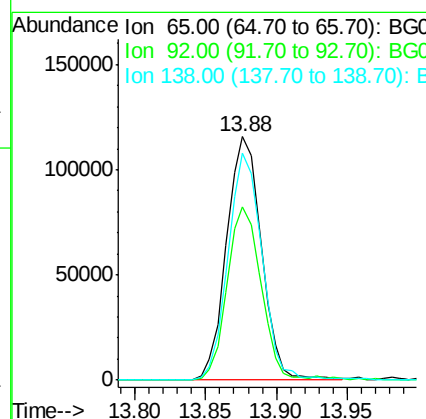
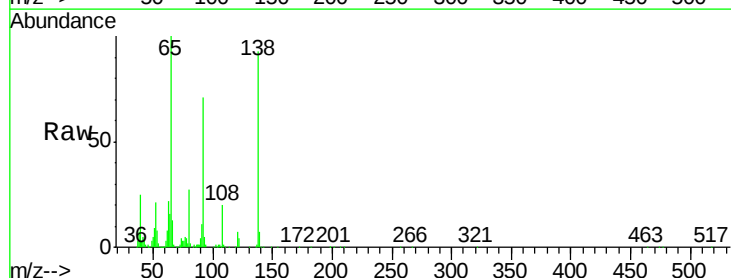
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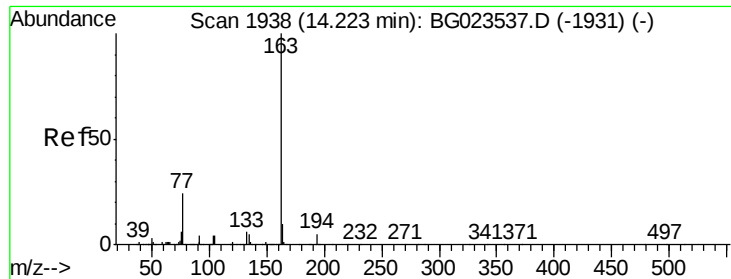
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#42
2-Nitroaniline
Concen: 20.44 ng/ul
RT: 13.88 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	67.1	100.7
138	93.5	109.6	164.4#





#44

Dimethylphthalate

Concen: 20.23 ng/ul

RT: 14.23 min Scan# 1940

Delta R.T. 0.01 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

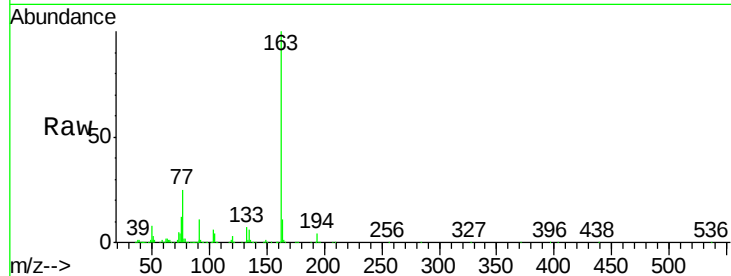
LabSampleId :

SSTD02018

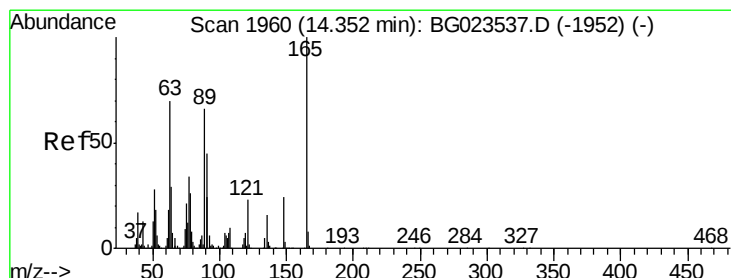
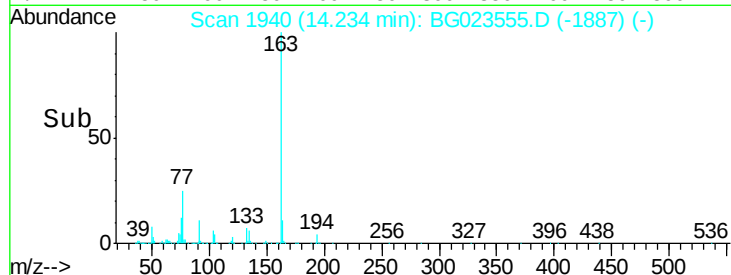
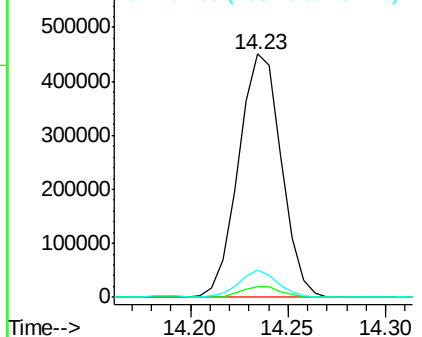
Tgt Ion:	163	Resp:	684996
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	11.3	8.8	13.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 20.05 ng/ul

RT: 14.36 min Scan# 1962

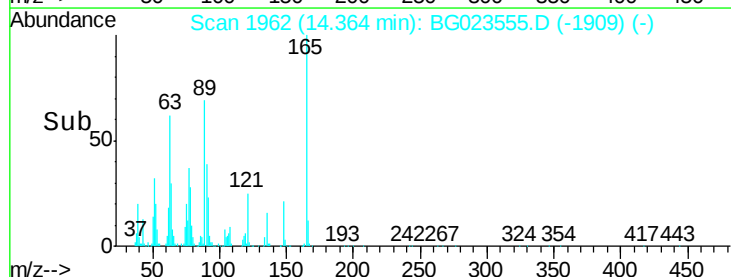
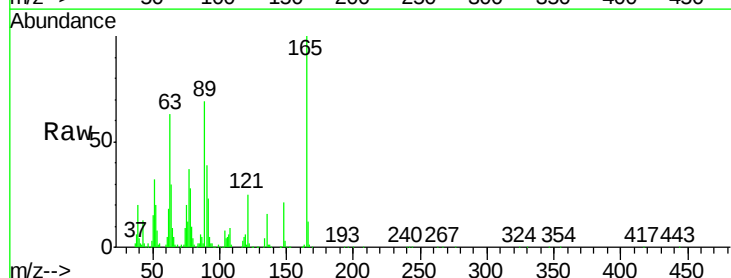
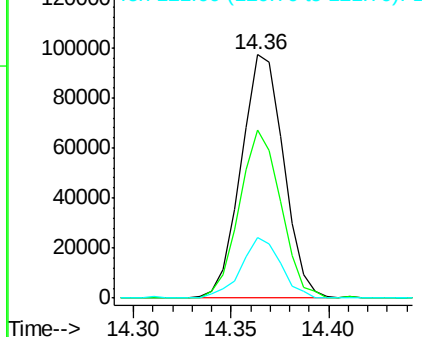
Delta R.T. 0.01 min

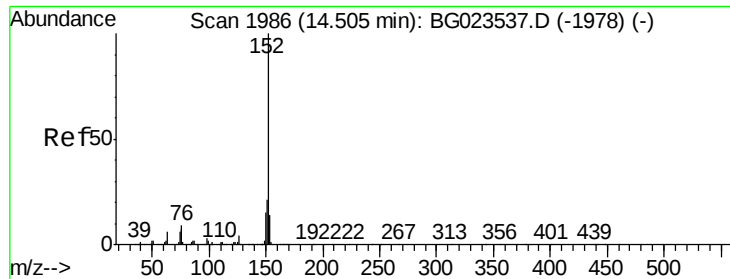
Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Tgt Ion:	165	Resp:	147207
Ion Ratio	Lower	Upper	
165	100		
89	68.8	41.5	62.3#
121	24.7	17.0	25.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BG
Ion 121.00 (120.70 to 121.70): E





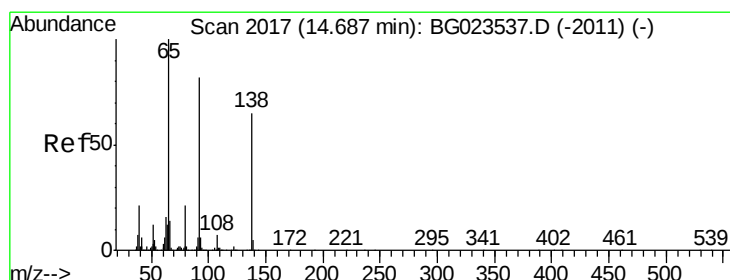
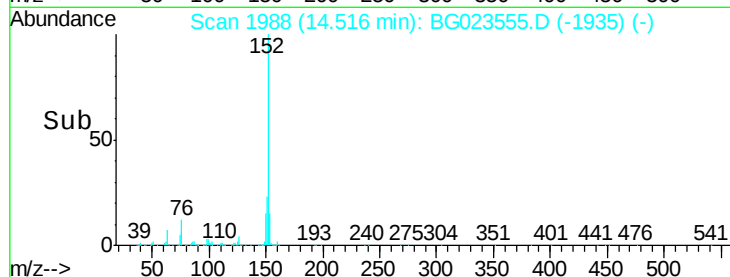
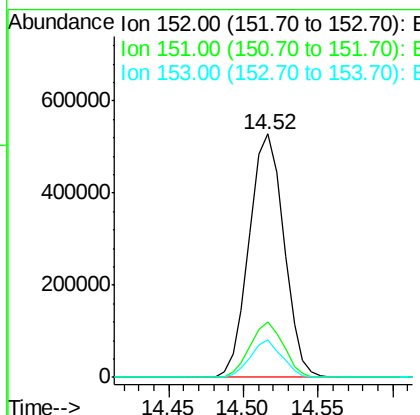
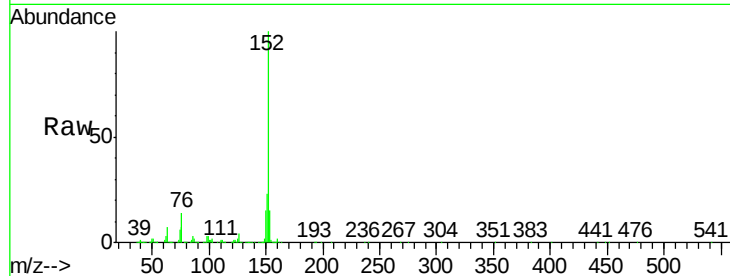
#47
Acenaphthylene
Concen: 21.14 ng/ul
RT: 14.52 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.5	26.3
153	15.3	11.1	16.7

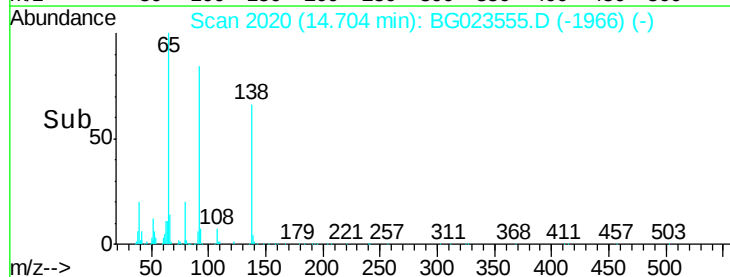
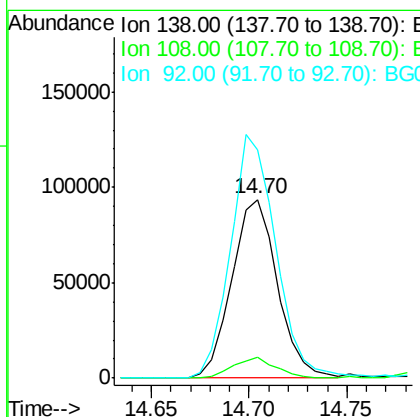
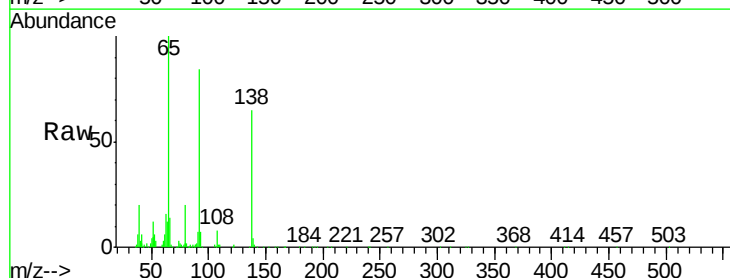
Manual Integrations
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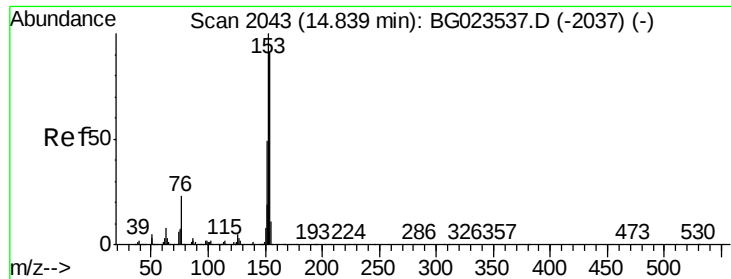
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#48
3-Nitroaniline
Concen: 21.96 ng/ul
RT: 14.70 min Scan# 2020
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.8	6.2	9.2#
92	128.0	79.3	118.9#





#49

Acenaphthene

Concen: 20.76 ng/ul

RT: 14.86 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

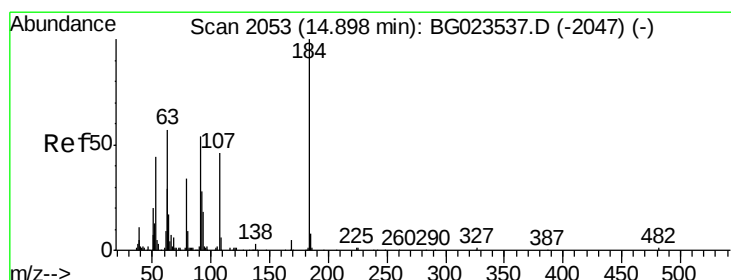
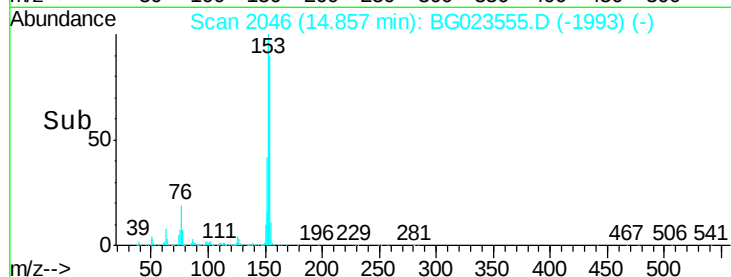
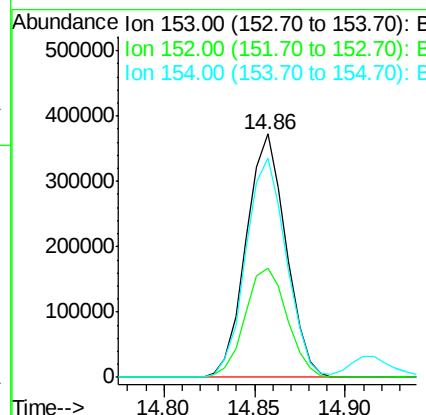
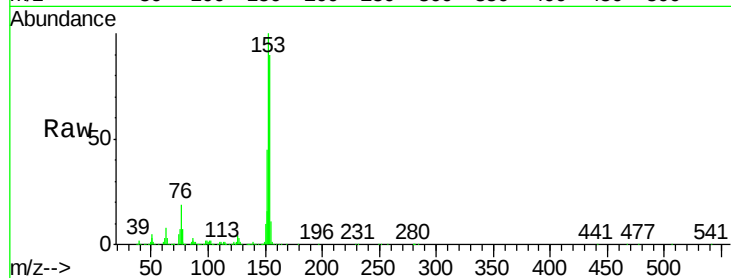
LabSampleId :

SSTD02018

Tgt Ion:	153	Resp:	569471
Ion Ratio	Lower	Upper	
153	100		
152	45.0	37.3	55.9
154	90.0	68.2	102.2

Manual Integrations
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#50

2,4-Dinitrophenol

Concen: 18.30 ng/ul

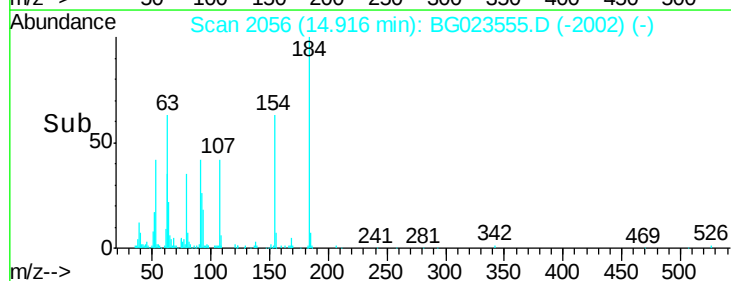
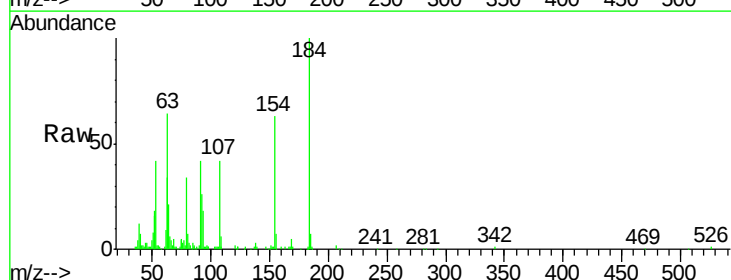
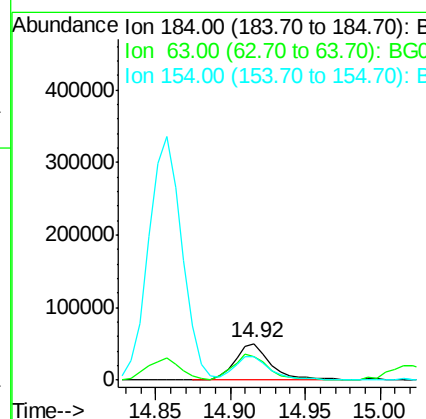
RT: 14.92 min Scan# 2056

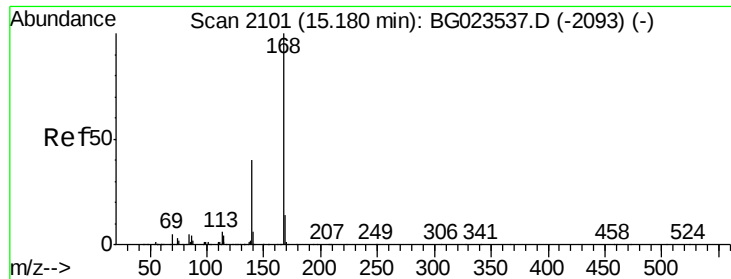
Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Tgt Ion:	184	Resp:	82891
Ion Ratio	Lower	Upper	
184	100		
63	63.6	40.5	60.7#
154	63.0	48.5	72.7





#53

Dibenzenofuran

Concen: 20.73 ng/ul

RT: 15.19 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

LabSampleId :

SSTD02018

Tgt Ion:168 Resp: 842432

Ion Ratio Lower Upper

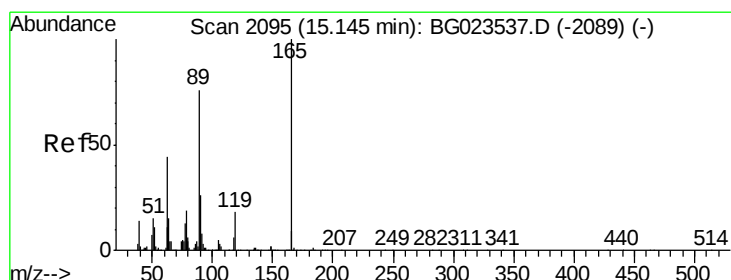
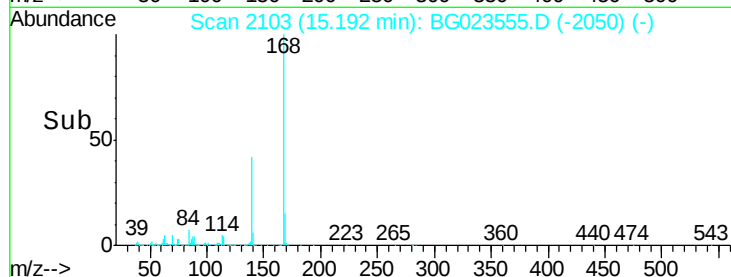
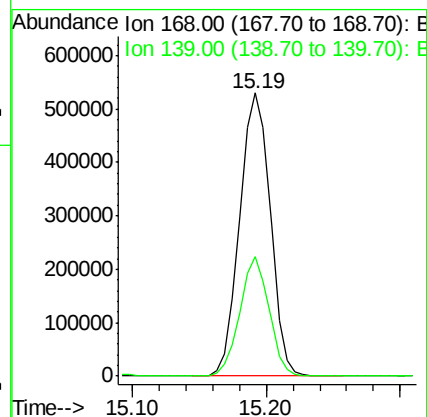
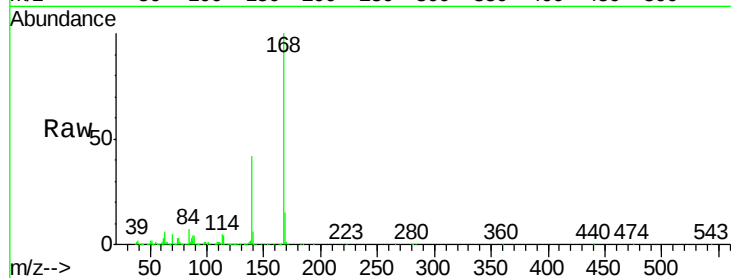
168 100

139 42.1 27.4 41.0#

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#54

2,4-Dinitrotoluene

Concen: 20.86 ng/ul

RT: 15.16 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

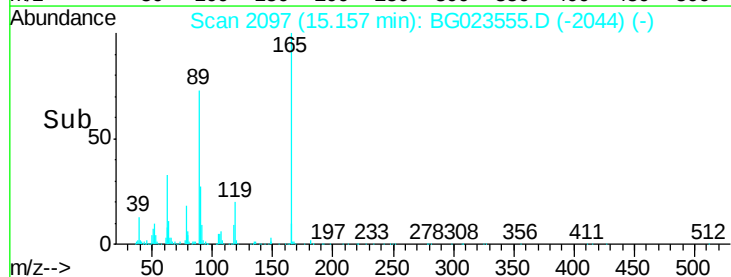
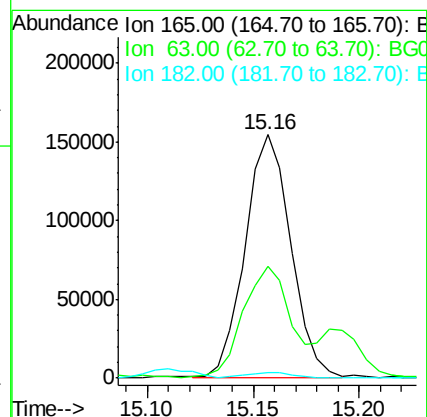
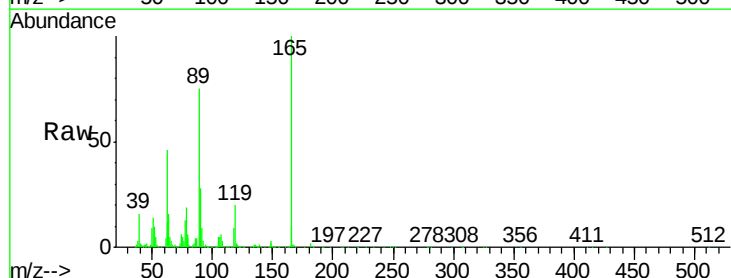
Tgt Ion:165 Resp: 232024

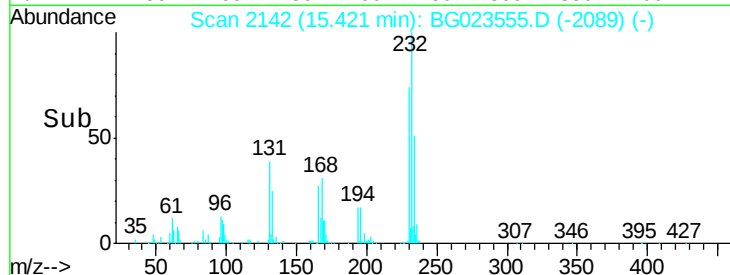
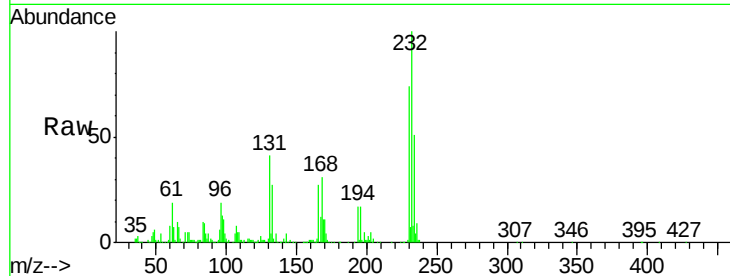
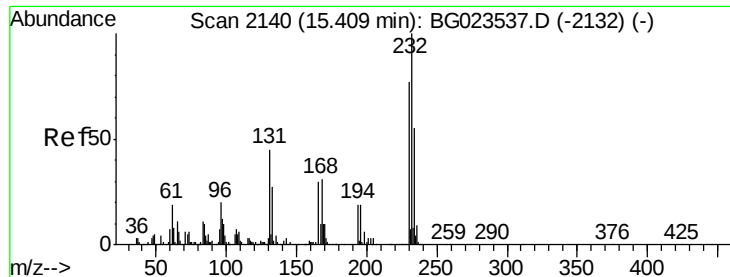
Ion Ratio Lower Upper

165 100

63 46.0 25.7 38.5#

182 2.4 2.1 3.1





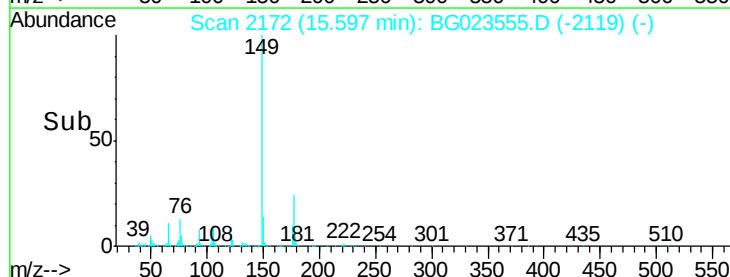
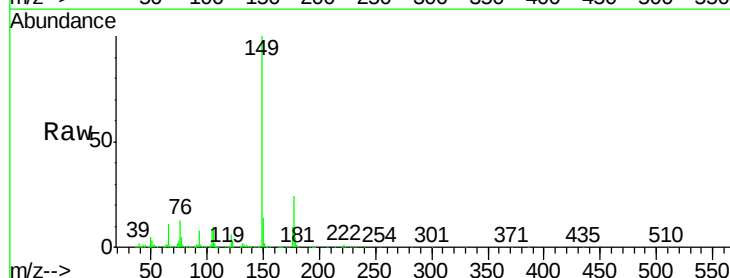
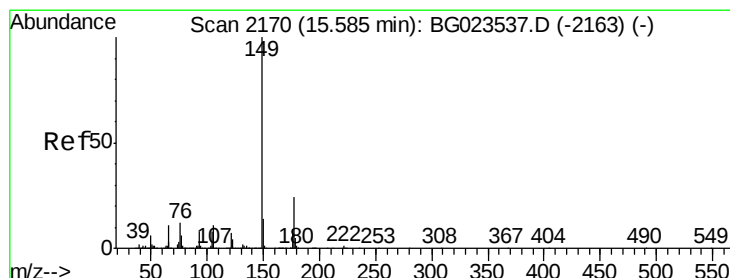
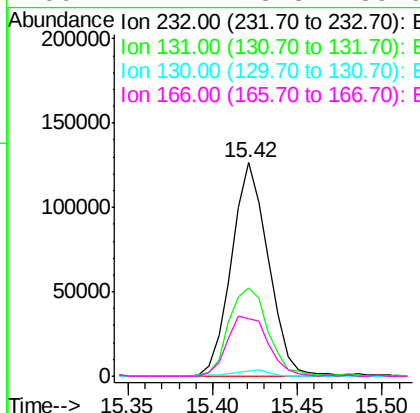
#55
2,3,4,6-Tetrachlorophenol
Concen: 19.61 ng/ul
RT: 15.42 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	191838		
131	41.3	34.8	52.2	
130	2.4	2.2	3.2	
166	27.2	23.8	35.6	

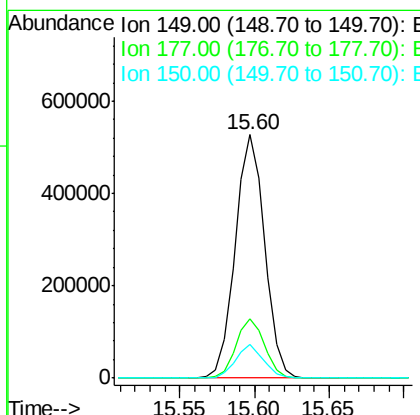
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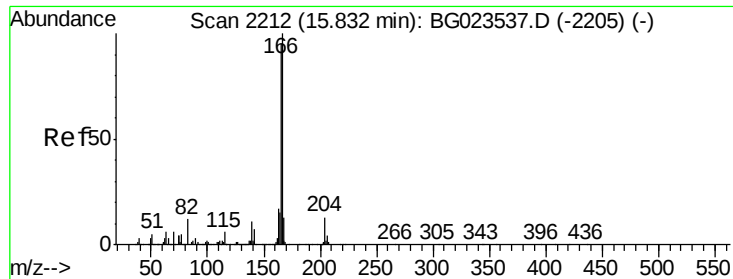
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#56
Diethylphthalate
Concen: 20.39 ng/ul
RT: 15.60 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	721704		
177	24.5	17.4	26.2	
150	14.0	9.6	14.4	





#58

Fluorene

Concen: 20.59 ng/ul

RT: 15.84 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

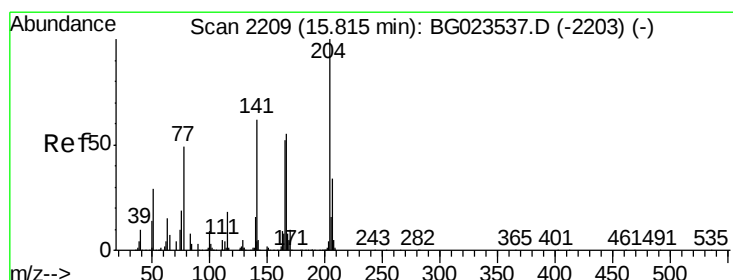
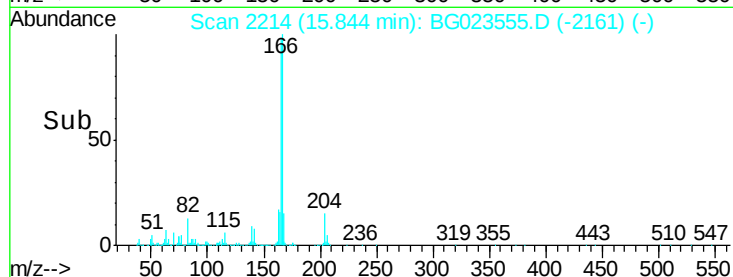
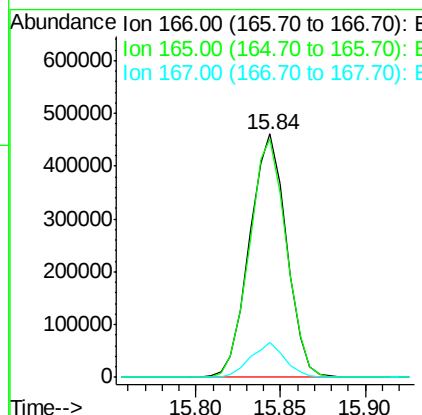
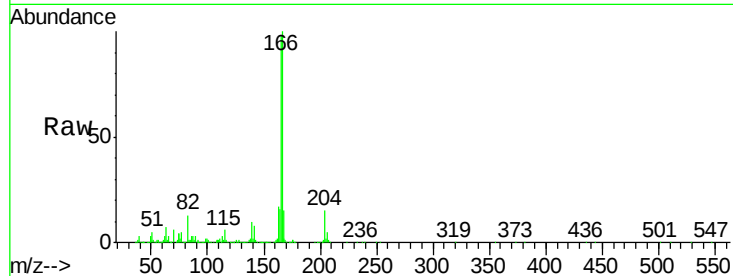
LabSampleId :

SSTD02018

Tgt Ion:	166	Resp:	696965
Ion Ratio	Lower	Upper	
166	100		
165	98.2	80.3	120.5
167	14.6	10.3	15.5

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#59

4-Chlorophenyl-phenylether

Concen: 20.36 ng/ul

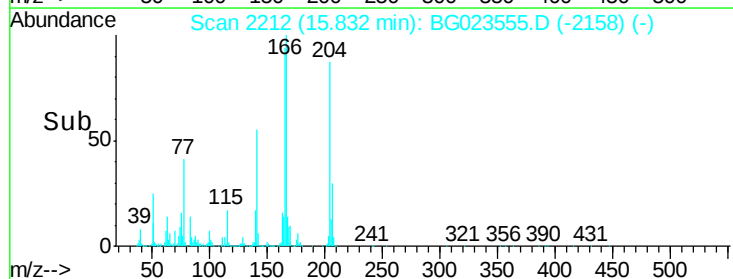
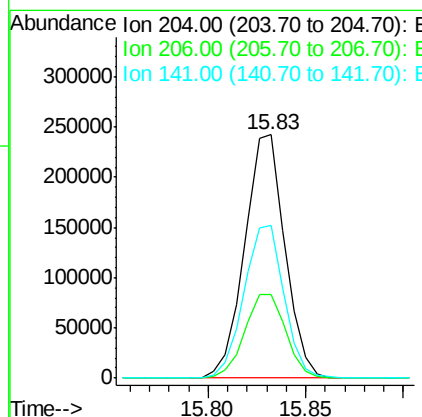
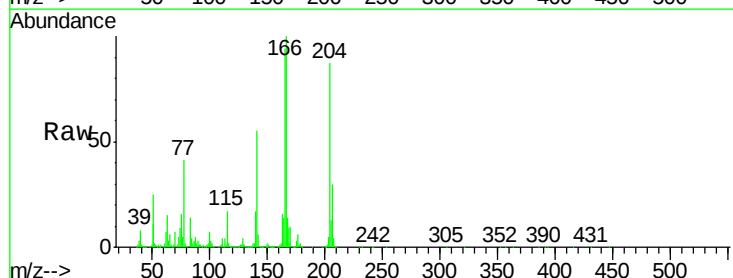
RT: 15.83 min Scan# 2212

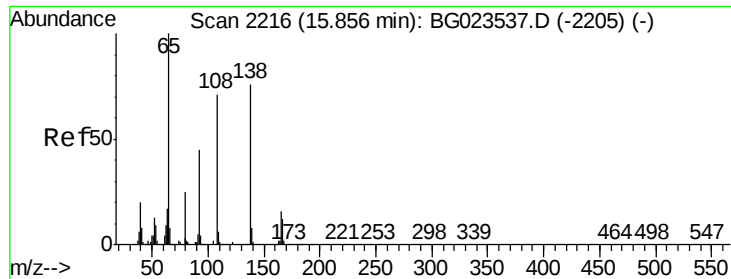
Delta R.T. 0.02 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Tgt Ion:	204	Resp:	346733
Ion Ratio	Lower	Upper	
204	100		
206	34.3	27.4	41.2
141	62.7	47.1	70.7





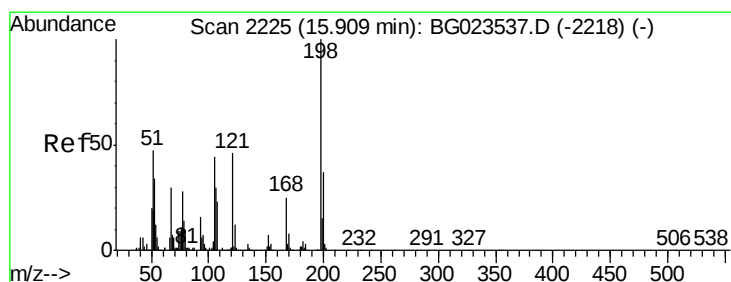
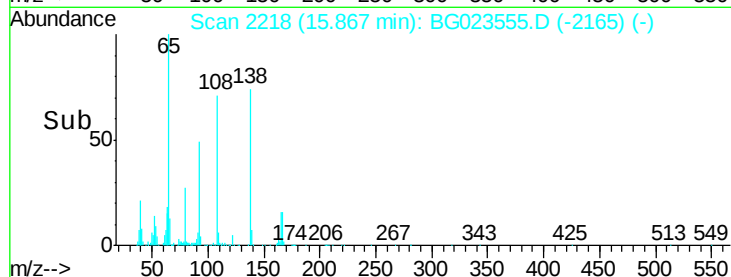
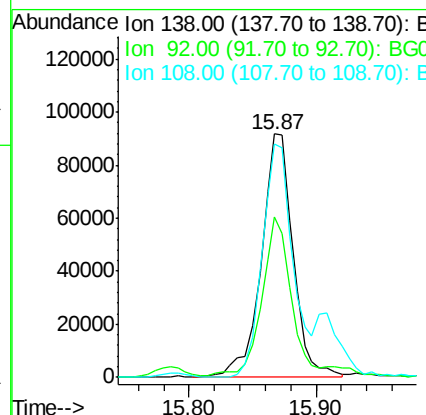
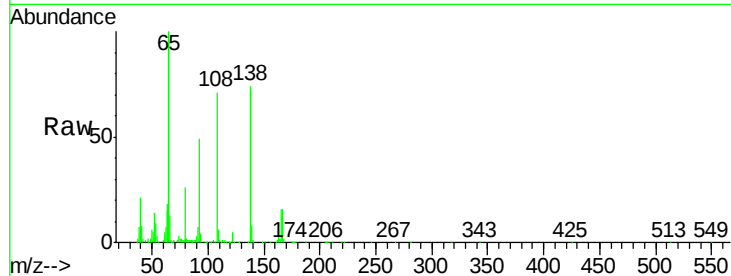
#60
4-Nitroaniline
Concen: 20.05 ng/ul
RT: 15.87 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.0	39.0	58.4#
108	95.7	49.2	73.8#

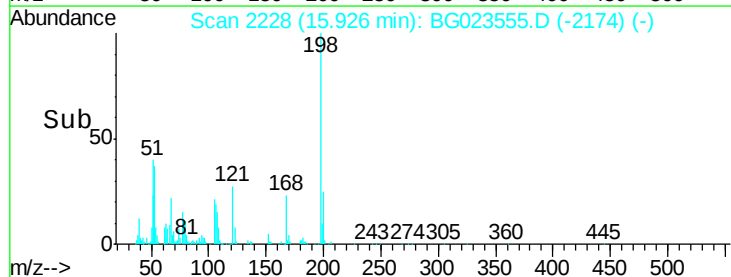
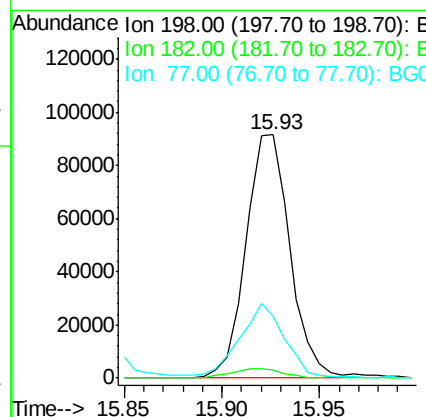
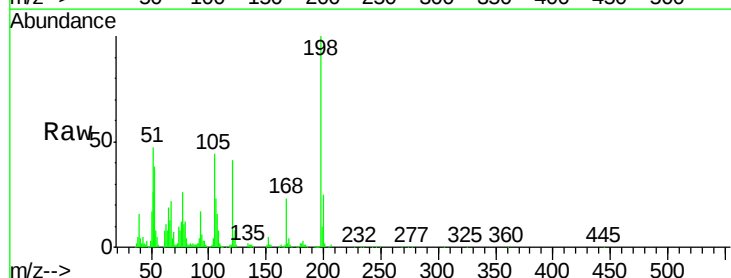
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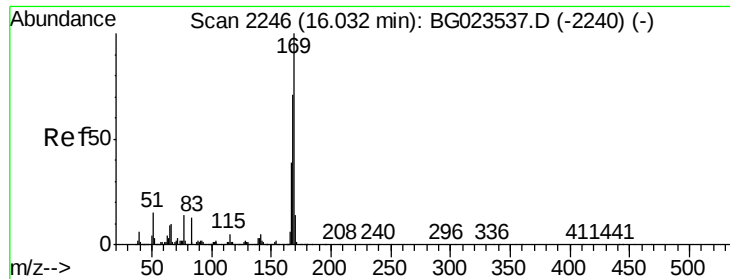
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#63
4,6-Dinitro-2-methylphenol
Concen: 20.26 ng/ul
RT: 15.93 min Scan# 2228
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Lower	Upper
198	100		
182	3.4	4.2	6.2#
77	25.6	16.7	25.1#





#64

N-Nitrosodiphenylamine

Concen: 21.42 ng/ul

RT: 16.04 min Scan# 2248

Delta R.T. 0.01 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Instrument :

BNA_G

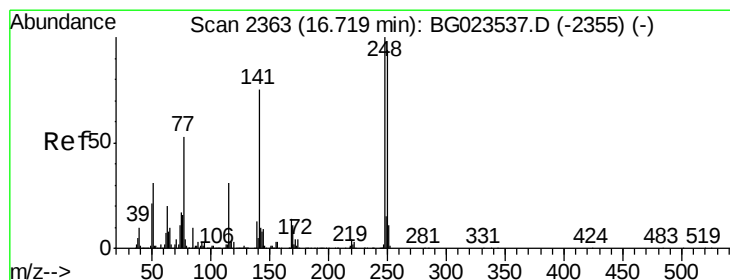
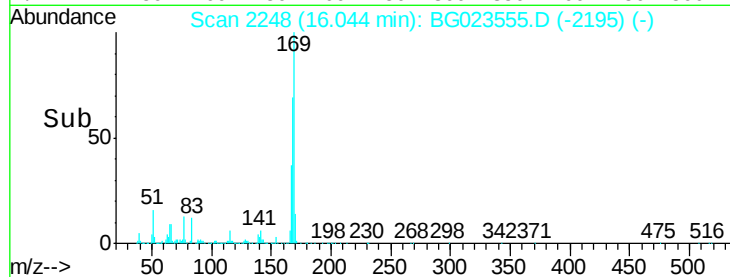
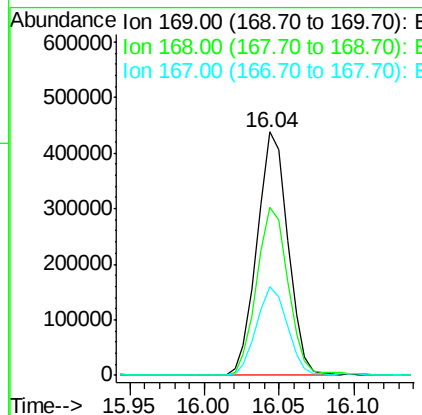
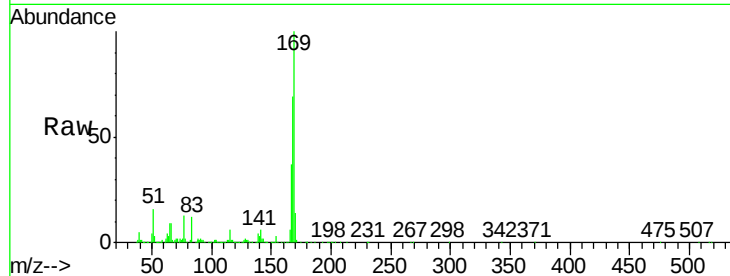
LabSampleId :

SSTD02018

Tgt Ion:	169	Resp:	626454
Ion Ratio	Lower	Upper	
169	100		
168	69.2	59.0	88.6
167	36.6	30.6	46.0

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#65

4-Bromophenyl-phenylether

Concen: 20.49 ng/ul

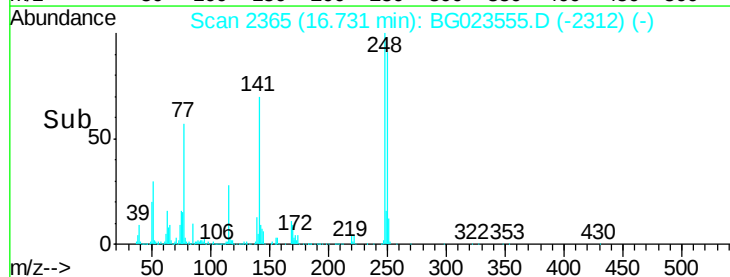
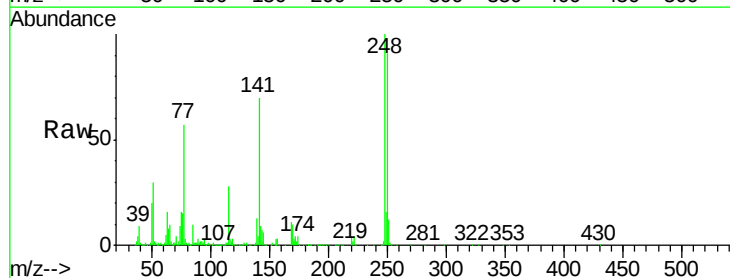
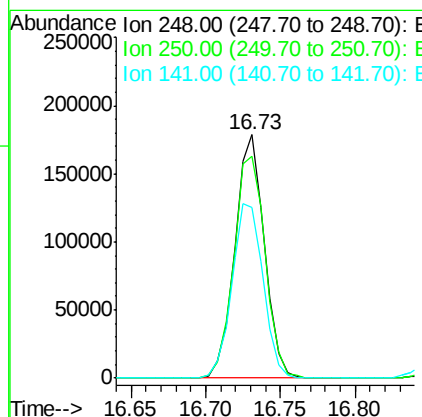
RT: 16.73 min Scan# 2365

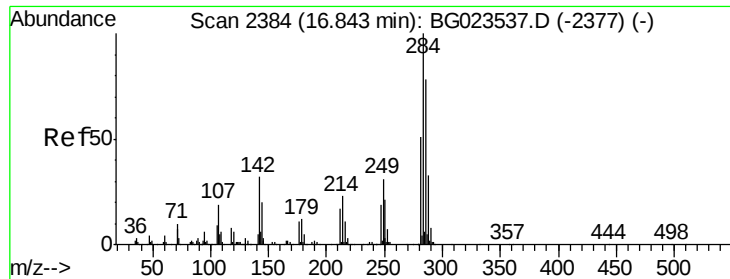
Delta R.T. 0.01 min

Lab File: BG023555.D

Acq: 9 Aug 2016 12:24

Tgt Ion:	248	Resp:	245925
Ion Ratio	Lower	Upper	
248	100		
250	91.1	76.6	114.8
141	70.2	61.8	92.6





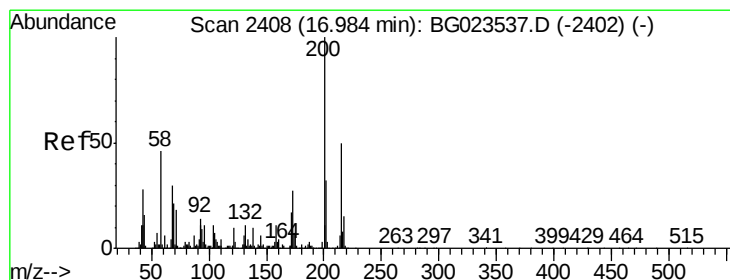
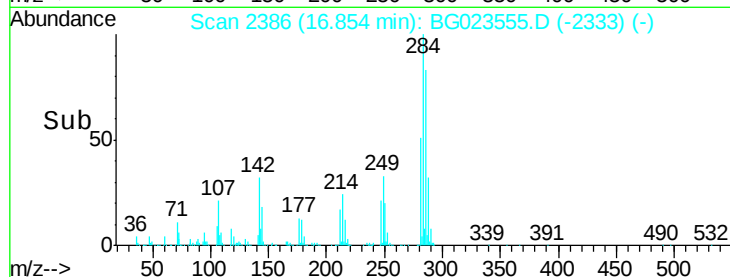
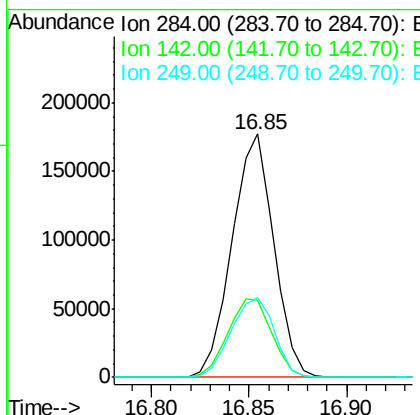
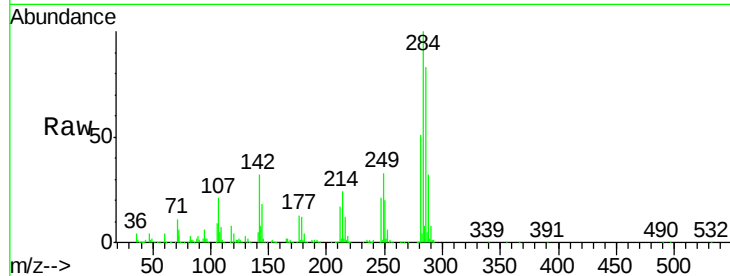
#66
Hexachlorobenzene
Concen: 20.53 ng/ul
RT: 16.85 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	31.8	27.8	41.8
249	32.8	24.4	36.6

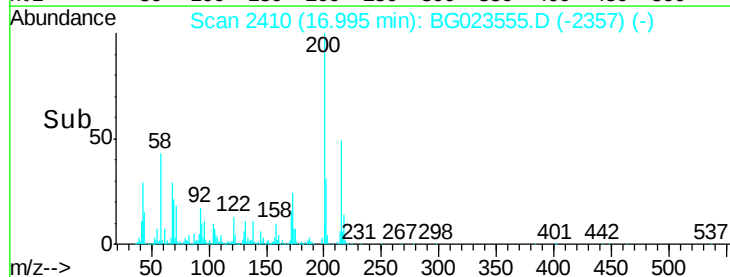
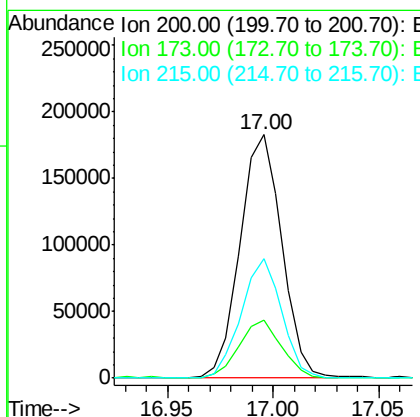
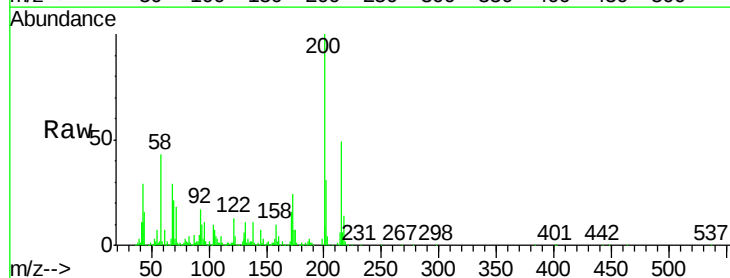
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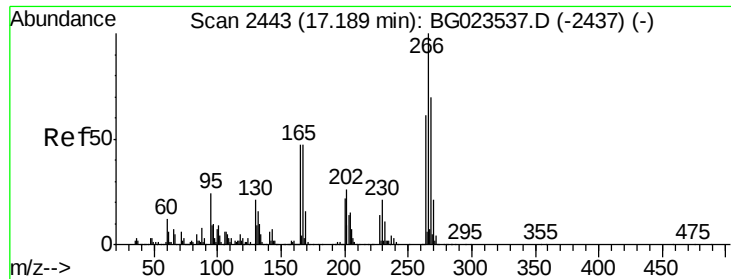
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#67
Atrazine
Concen: 20.77 ng/ul
RT: 17.00 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.0	21.0	31.6
215	49.2	37.9	56.9





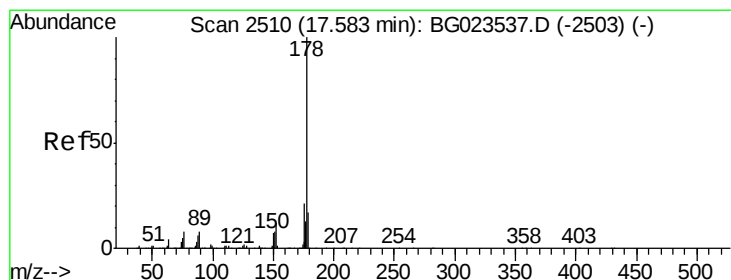
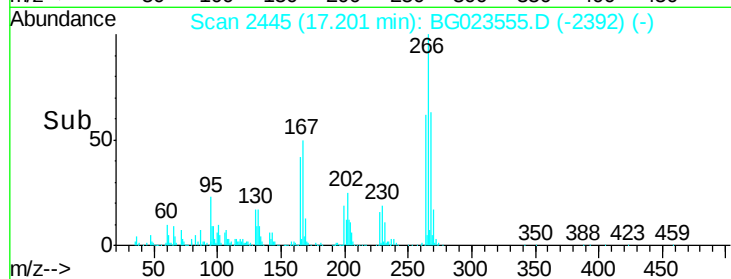
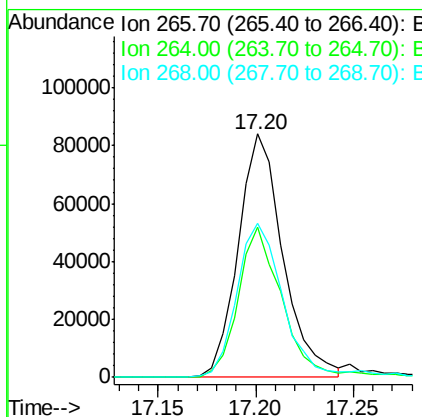
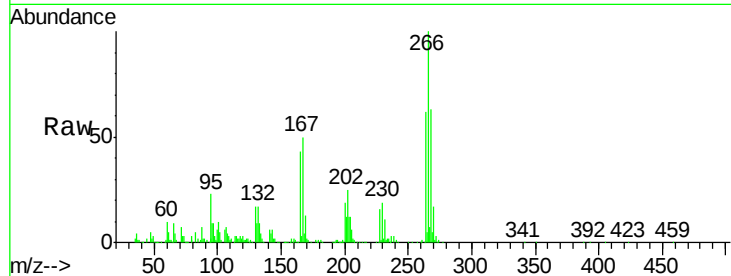
#68
 Pentachlorophenol
 Concen: 18.92 ng/ul
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Instrument :
 BNA_G
 LabSampleId :
 SSTD02018

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	133472		
264	61.9	54.7	82.1	
268	63.0	57.8	86.8	

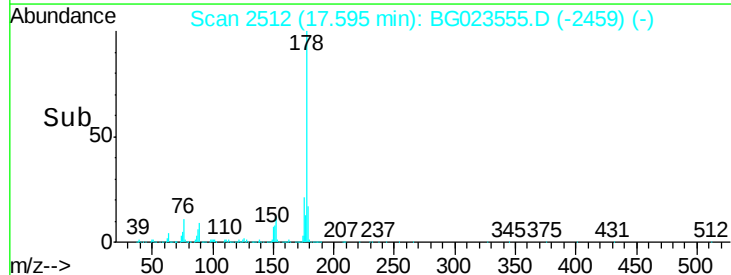
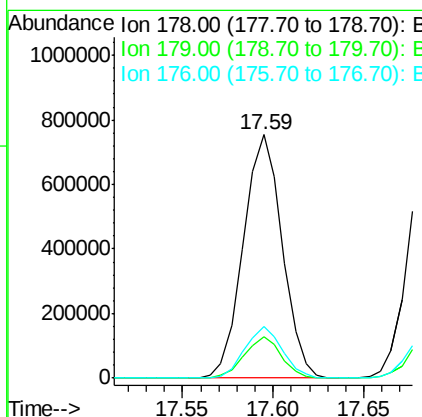
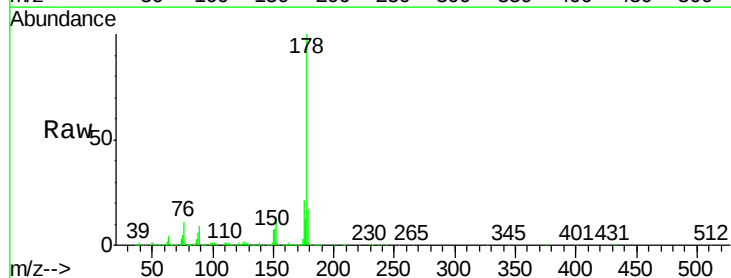
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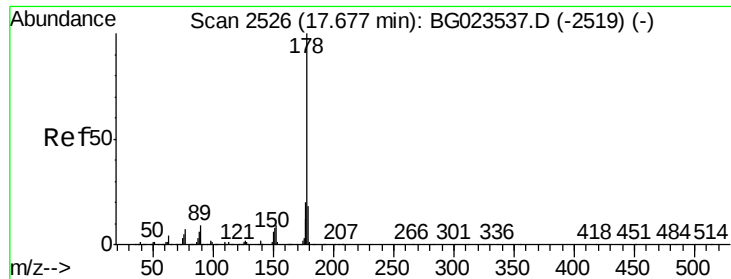
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#69
 Phenanthrene
 Concen: 20.72 ng/ul
 RT: 17.59 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1122889		
179	16.8	12.9	19.3	
176	21.1	15.8	23.8	





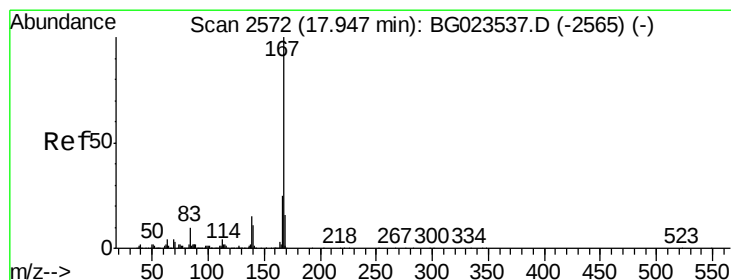
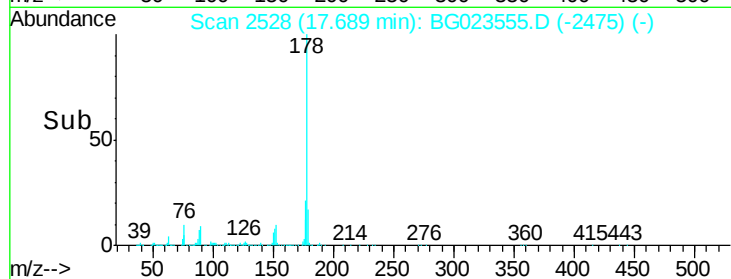
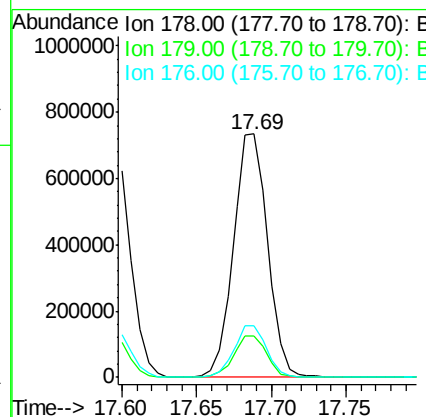
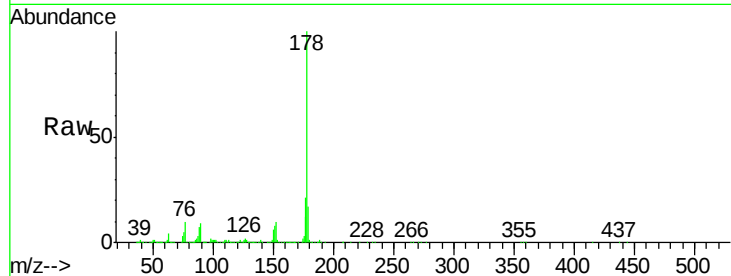
#71
 Anthracene
 Concen: 21.19 ng/ul
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Instrument :
 BNA_G
 LabSampleId :
 SST02018

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	21.0	16.3	24.5

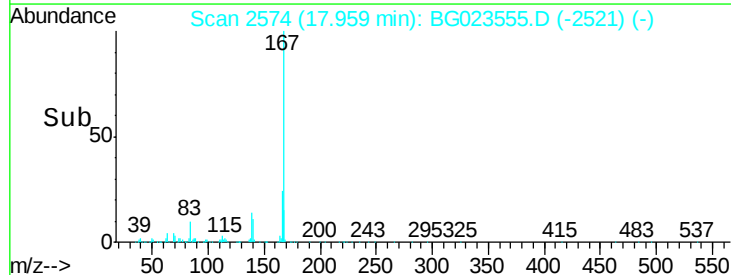
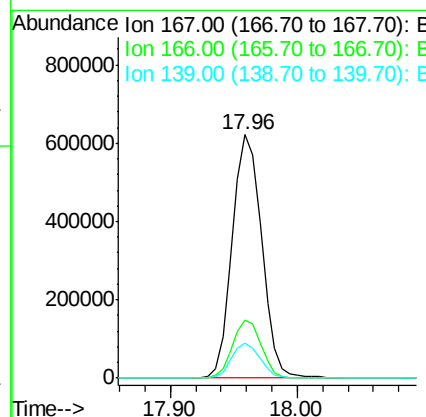
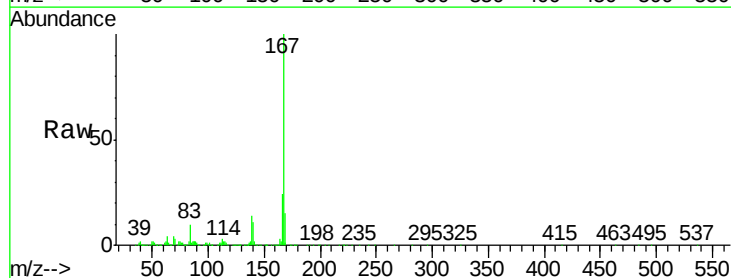
Manual Integrations
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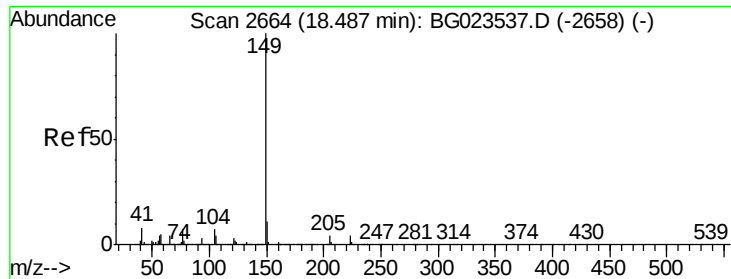
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 8/10/2016 6:49:10 PM



#72
 Carbazole
 Concen: 22.40 ng/ul
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.01 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.2	28.8
139	14.3	10.2	15.4





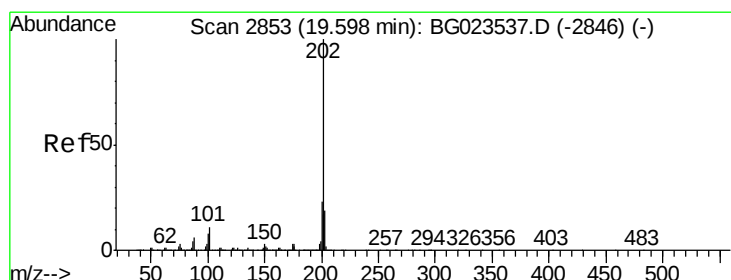
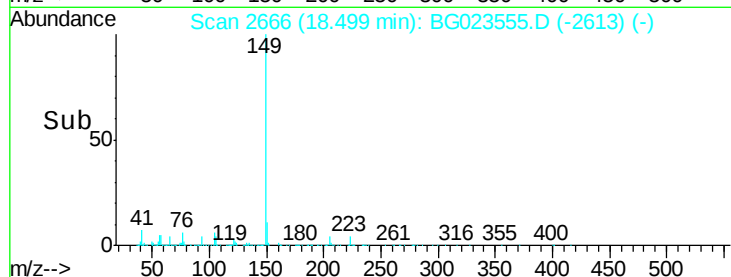
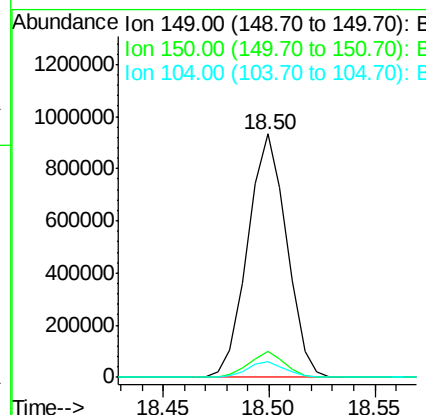
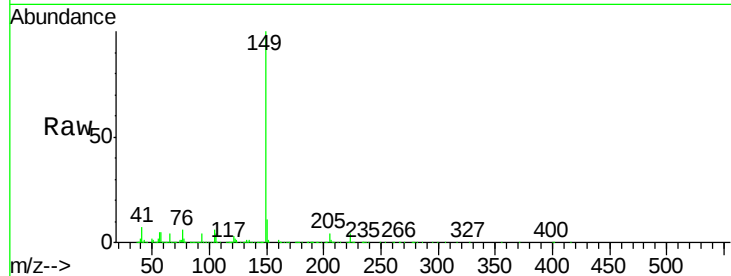
#73
Di-n-butylphthalate
Concen: 21.32 ng/ul
RT: 18.50 min Scan# 2666
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.1	10.7
104	6.3	3.3	4.9

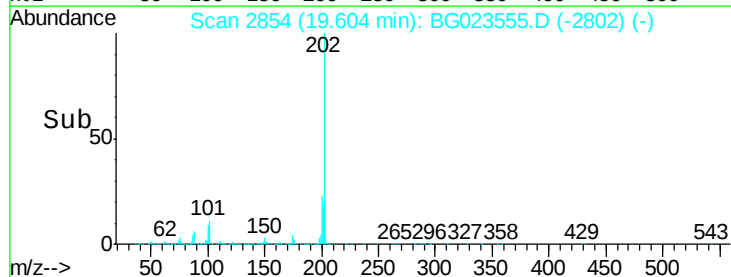
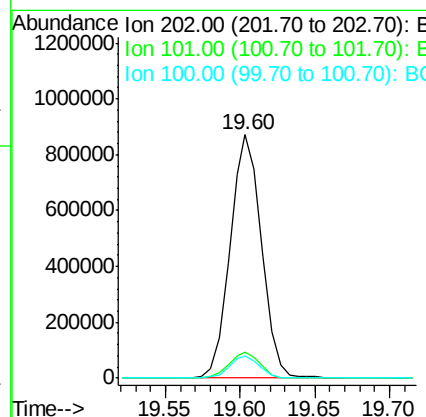
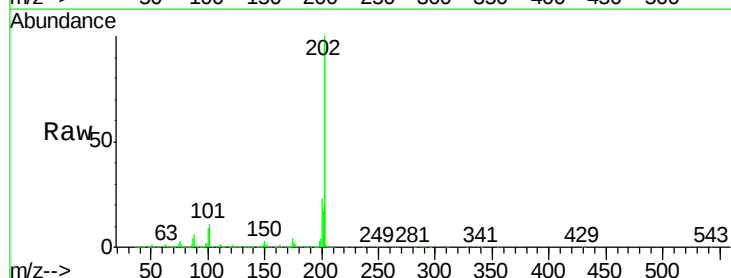
Manual Integrations
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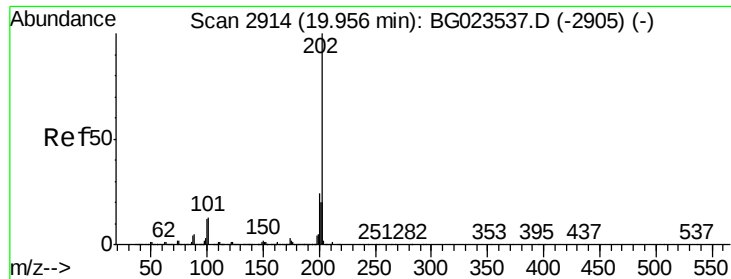
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#74
Fluoranthene
Concen: 23.00 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.6	16.0
100	9.1	8.7	13.1





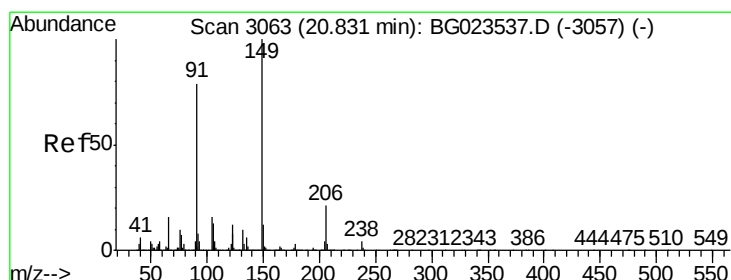
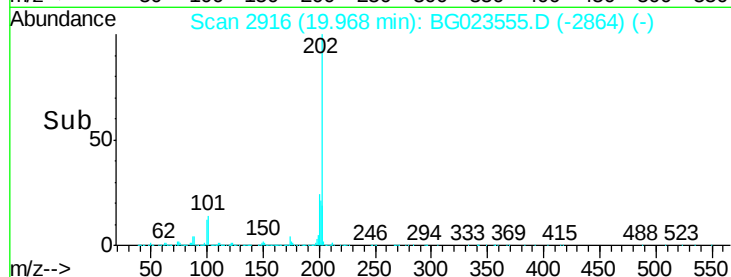
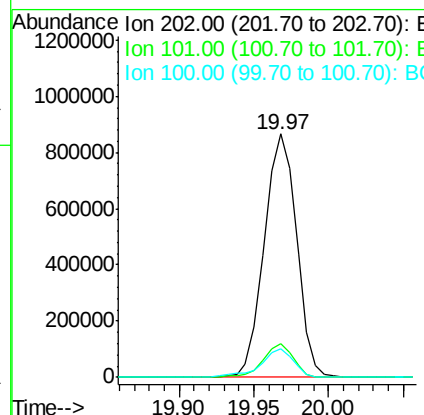
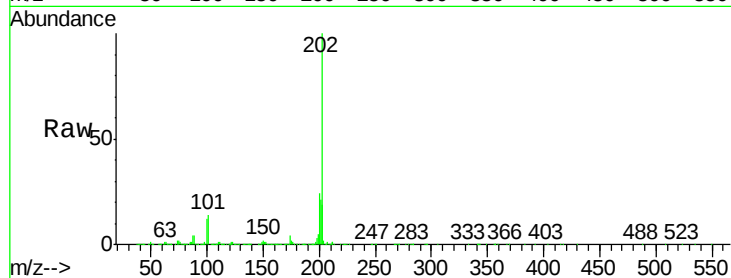
#77
 Pyrene
 Concen: 21.01 ng/ul
 RT: 19.97 min Scan# 2916
 Delta R.T. 0.01 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Instrument :
 BNA_G
 LabSampleId :
 SSTD02018

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	12.5	18.7
100	11.6	10.2	15.4

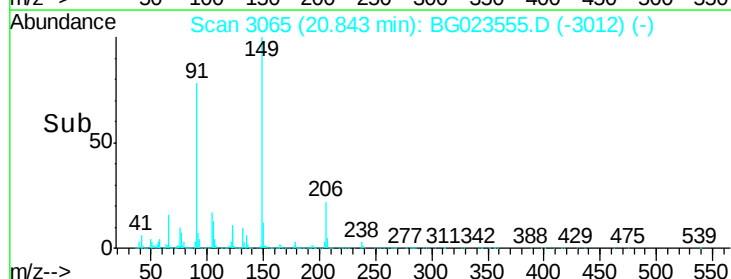
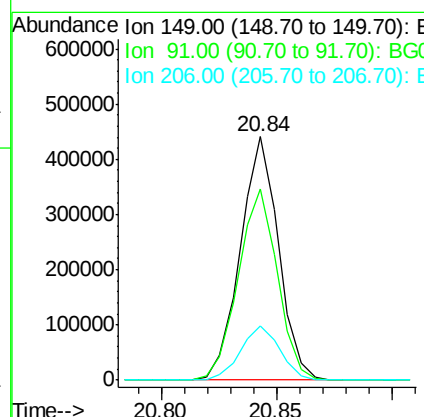
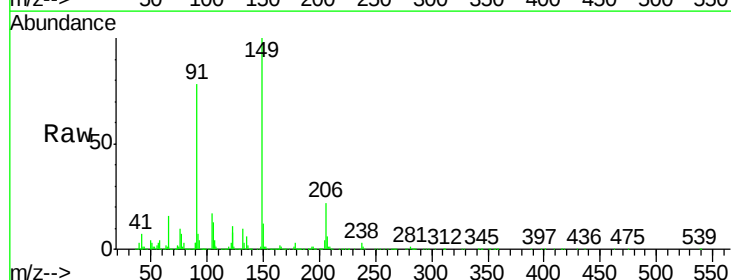
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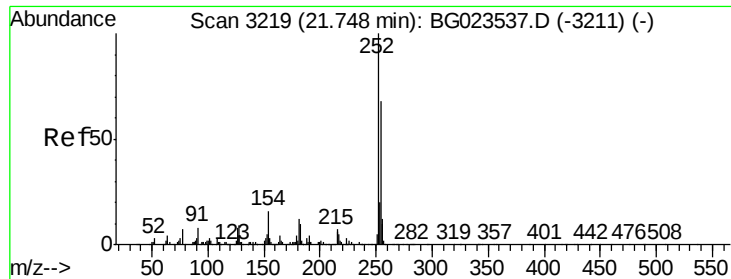
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#78
 Butylbenzylphthalate
 Concen: 21.40 ng/ul
 RT: 20.84 min Scan# 3065
 Delta R.T. 0.01 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.4	54.2	81.4
206	22.1	14.1	21.1#





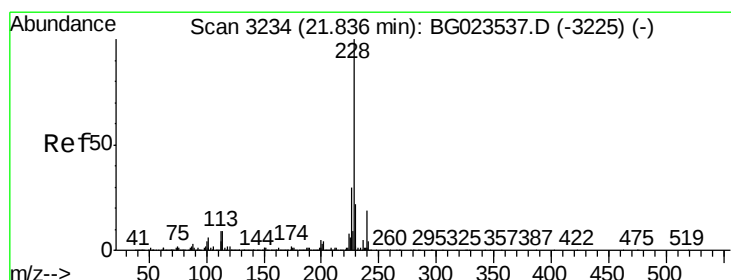
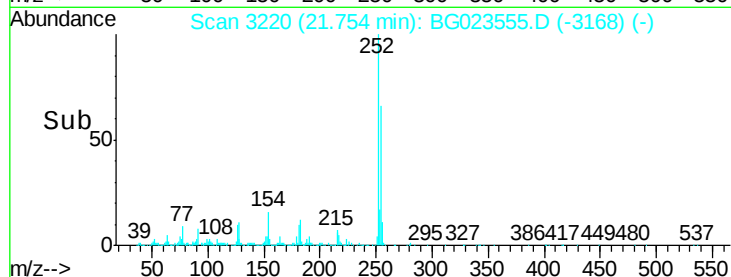
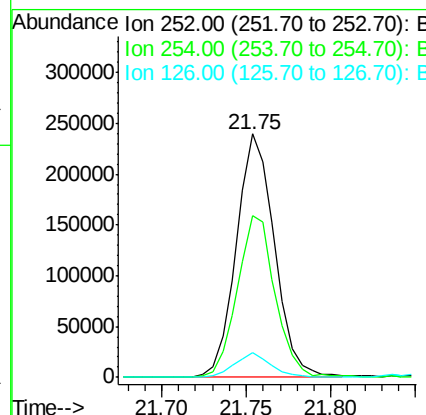
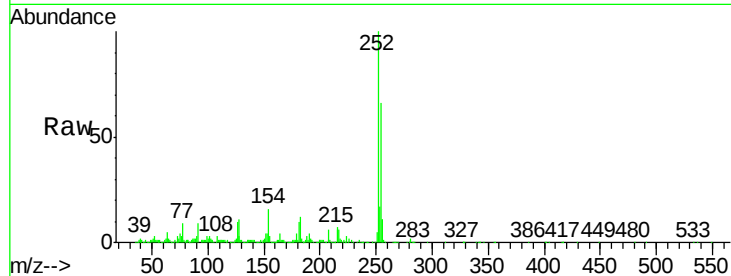
#79
 3,3'-Dichlorobenzidine
 Concen: 21.36 ng/ul
 RT: 21.75 min Scan# 3220
 Delta R.T. 0.01 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Instrument :
 BNA_G
 LabSampleId :
 SST02018

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.4	77.2
126	10.1	10.7	16.1

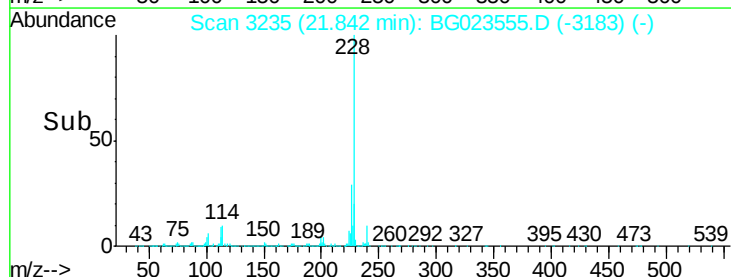
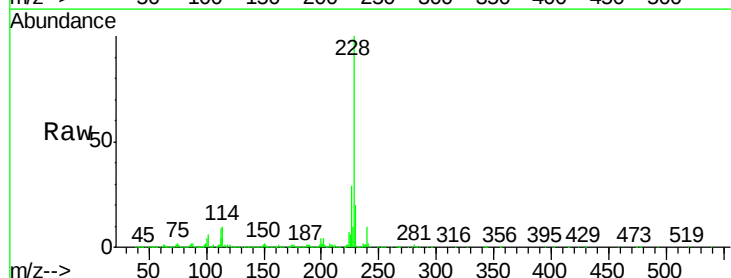
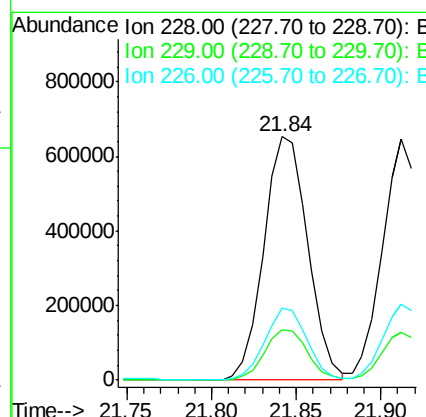
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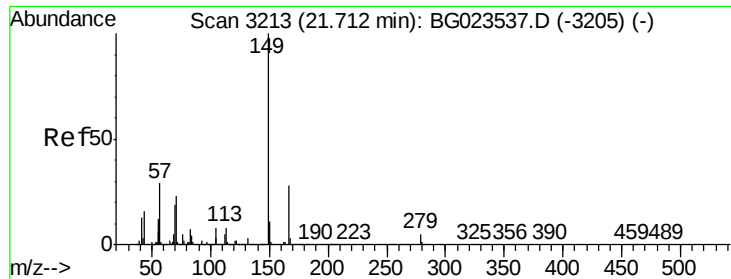
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#80
 Benzo(a)anthracene
 Concen: 20.89 ng/ul
 RT: 21.84 min Scan# 3235
 Delta R.T. 0.01 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.2
226	29.5	22.8	34.2





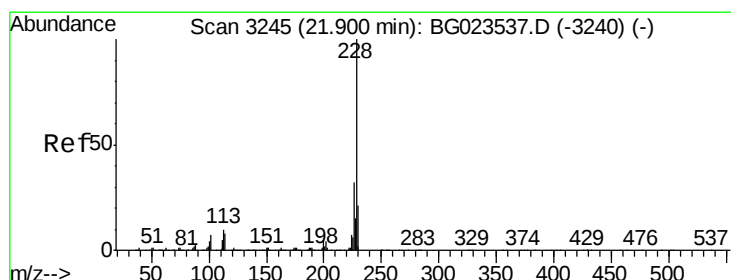
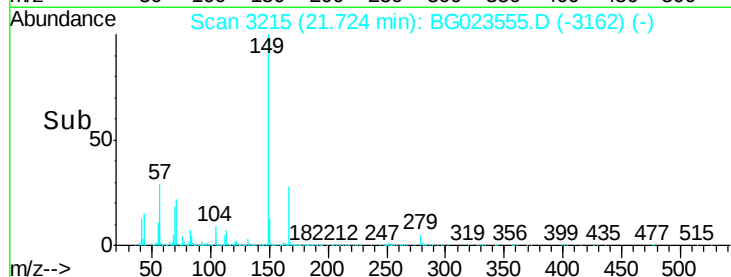
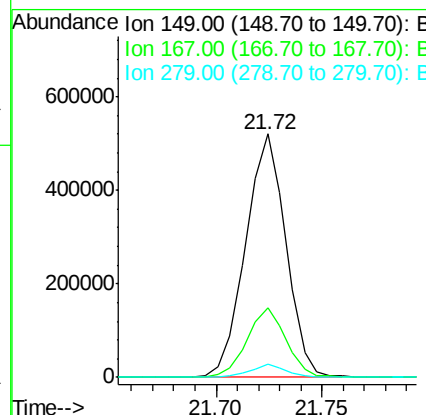
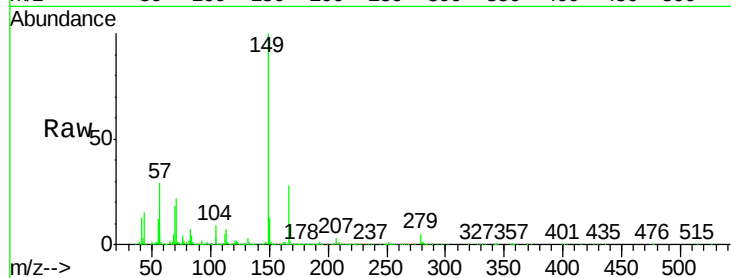
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 21.74 ng/ul
 RT: 21.72 min Scan# 3215
 Delta R.T. 0.01 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Instrument :
 BNA_G
 LabSampleId :
 SST02018

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	684966		
167	28.4	21.9	32.9	
279	5.3	2.9	4.3	

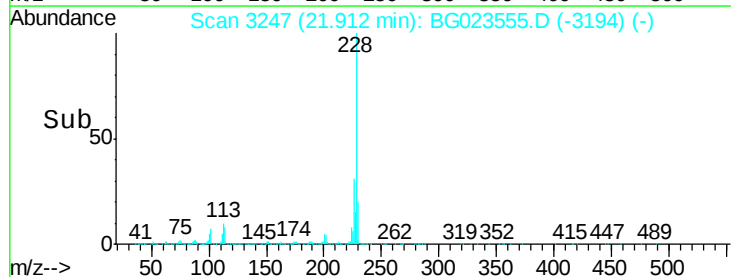
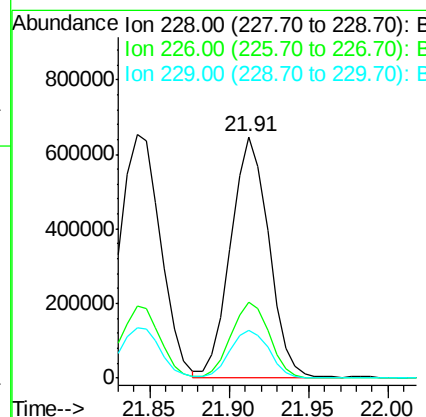
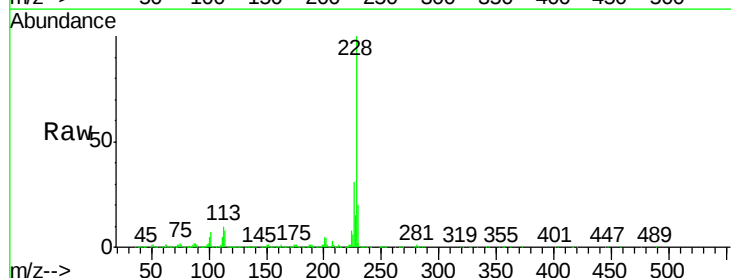
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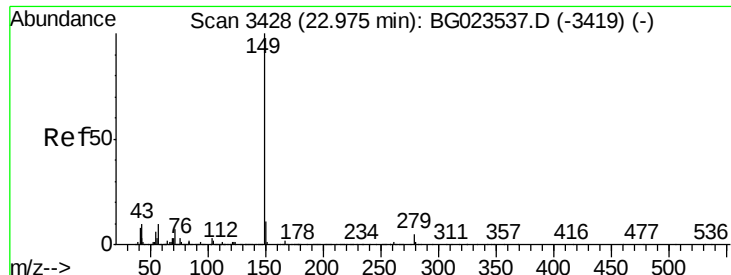
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#82
 Chrysene
 Concen: 20.93 ng/ul
 RT: 21.91 min Scan# 3247
 Delta R.T. 0.01 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1070636		
226	31.3	24.2	36.4	
229	19.9	15.0	22.6	





#84

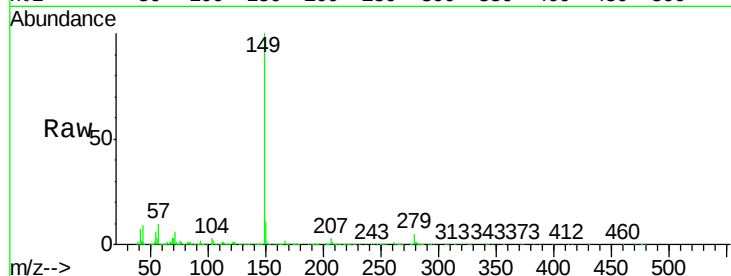
Di-n-octyl phthalate
Concen: 23.62 ng/ul
RT: 22.99 min Scan# 3430
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

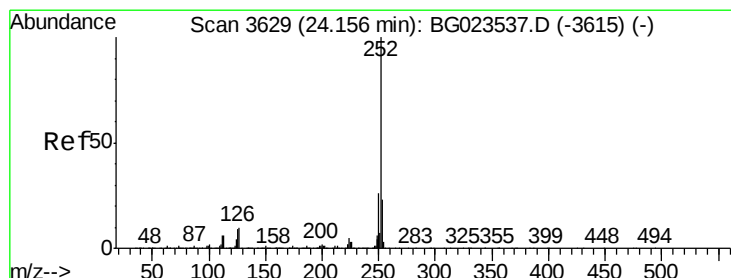
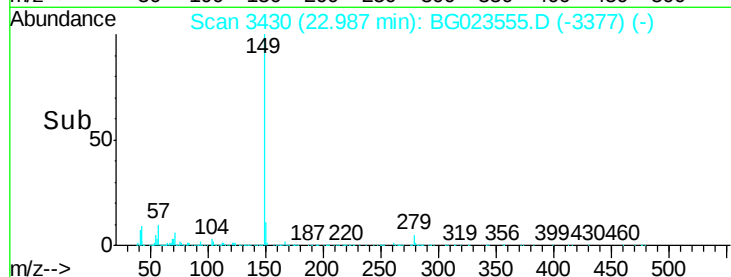
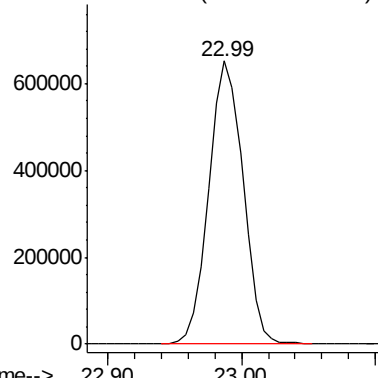
Tgt Ion:149 Resp: 1155233

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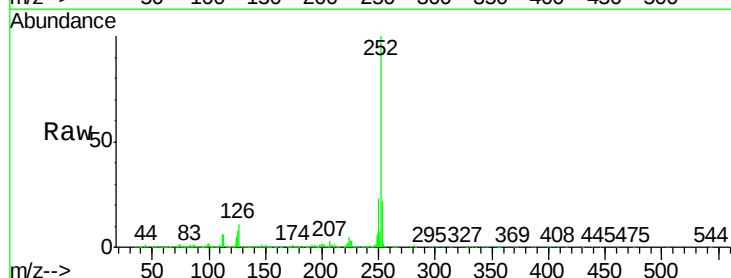
Abundance Ion 149.00 (148.70 to 149.70): E



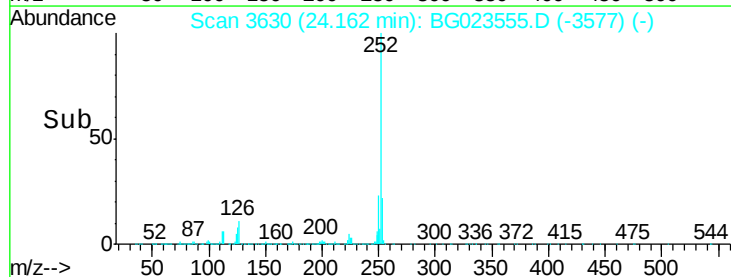
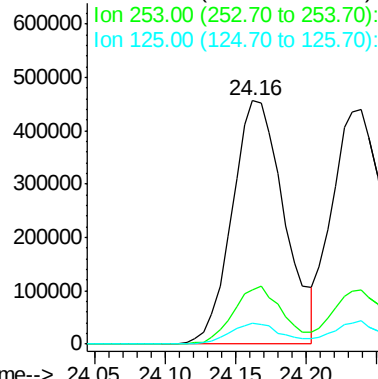
#85

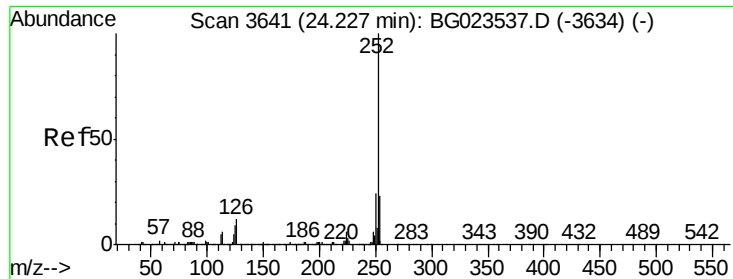
Benzo(b)fluoranthene
Concen: 21.38 ng/ul
RT: 24.16 min Scan# 3630
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion:252 Resp: 1177530
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.4 10.8 16.2#



Abundance Ion 252.00 (251.70 to 252.70): E





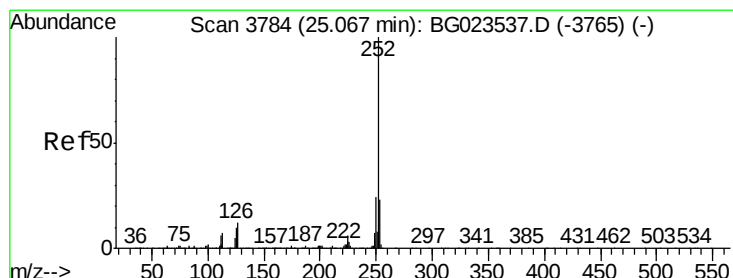
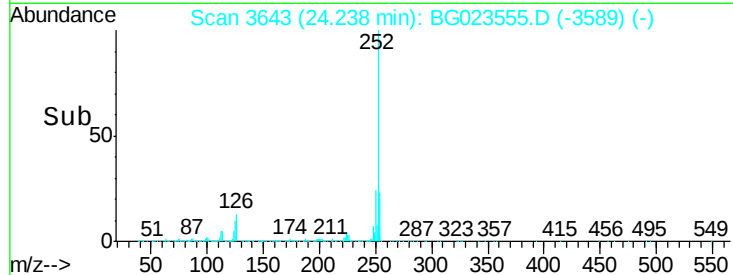
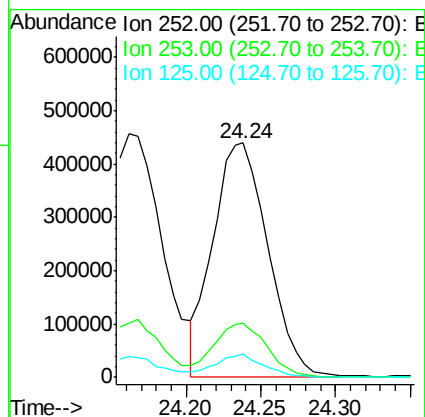
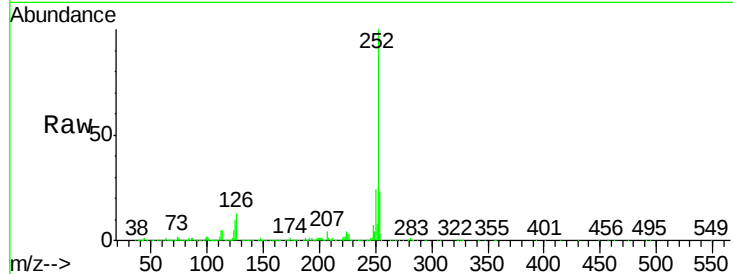
#86
Benzo(k)fluoranthene
Concen: 20.71 ng/ul
RT: 24.24 min Scan# 3643
Delta R.T. 0.02 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Instrument :
BNA_G
LabSampleId :
SSTD02018

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	15.8	23.6
125	9.8	10.6	16.0

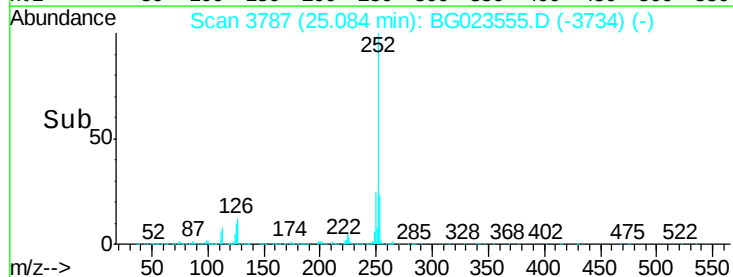
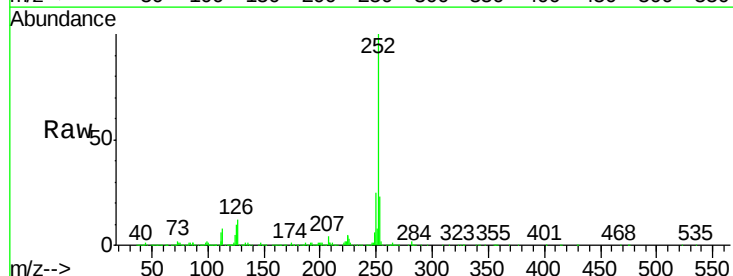
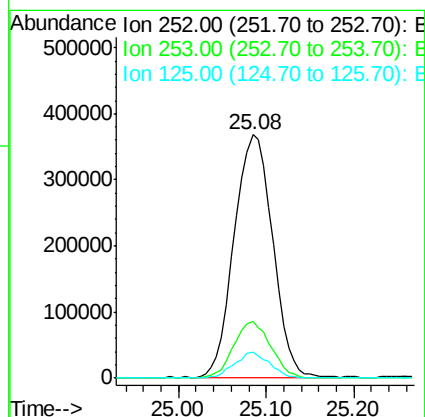
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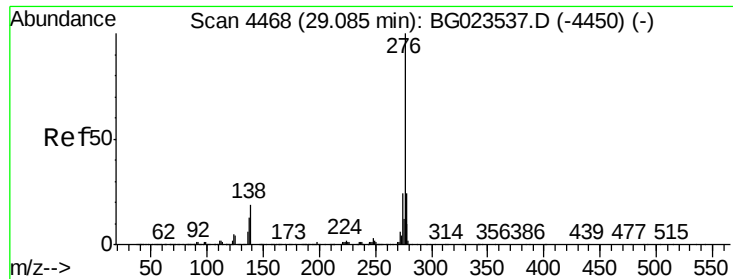
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#88
Benzo(a)pyrene
Concen: 20.59 ng/ul
RT: 25.08 min Scan# 3787
Delta R.T. 0.01 min
Lab File: BG023555.D
Acq: 9 Aug 2016 12:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.4
125	10.5	12.0	18.0





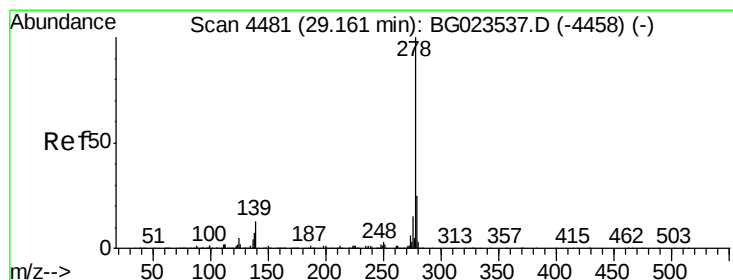
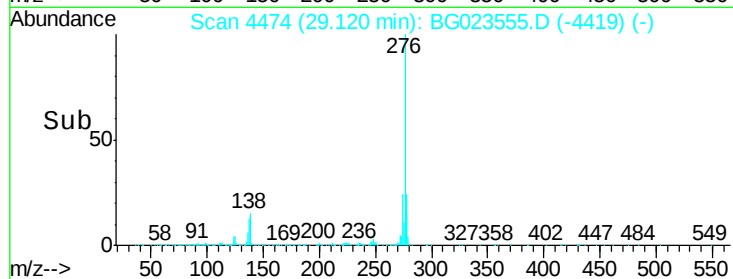
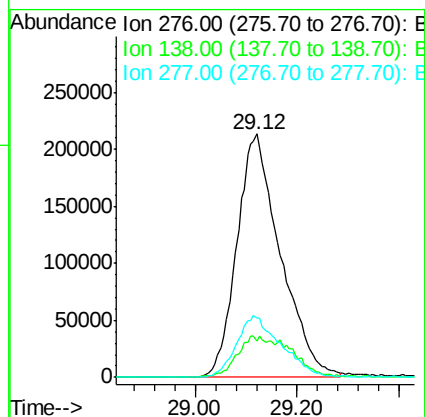
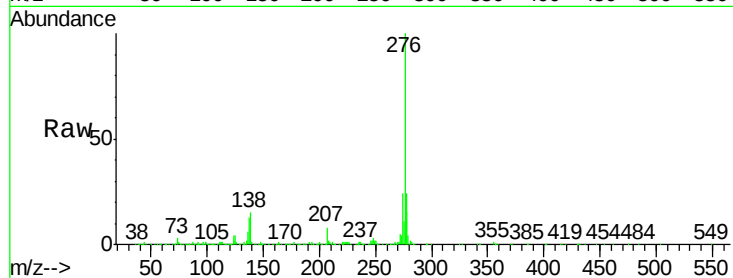
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 20.29 ng/ul
 RT: 29.12 min Scan# 4474
 Delta R.T. 0.02 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Instrument :
 BNA_G
 LabSampleId :
 SST02018

Tgt Ion: 276 Resp: 1267743
 Ion Ratio Lower Upper
 276 100
 138 14.8 20.8 31.2#
 277 24.4 17.6 26.4

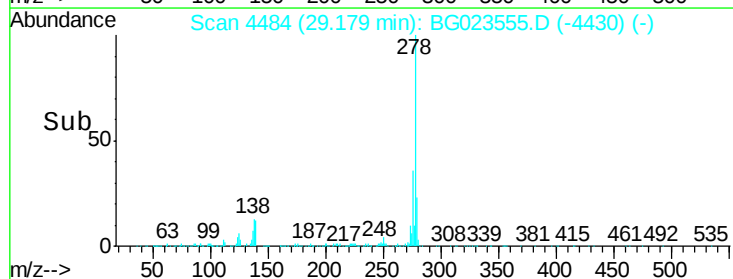
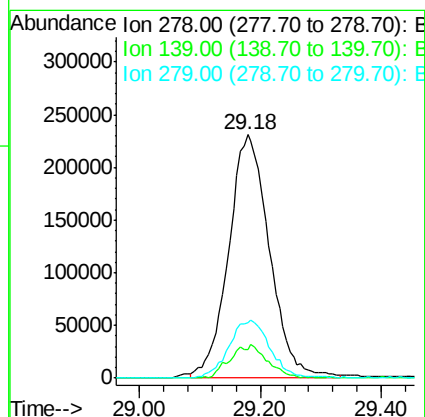
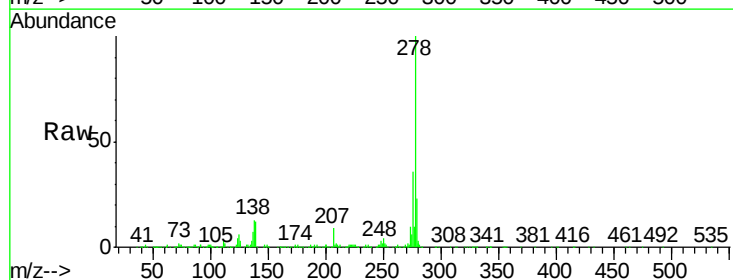
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#90
 Dibenzo(a,h)anthracene
 Concen: 20.23 ng/ul
 RT: 29.18 min Scan# 4484
 Delta R.T. 0.02 min
 Lab File: BG023555.D
 Acq: 9 Aug 2016 12:24

Tgt Ion: 278 Resp: 1077918
 Ion Ratio Lower Upper
 278 100
 139 11.8 16.3 24.5#
 279 23.0 19.1 28.7



Data Path : Z:\HPCHEM1\BNA_G\Data\BG080916\
 Data File : BG023555.D
 Acq On : 9 Aug 2016 12:24
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02018

Manual Integrations
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Quant Time: Aug 10 04:59:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 09 02:15:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	120661	20.00	ng/ul	0.02
18) Naphthalene-d8	10.97	136	582008	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.79	164	417680	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.55	188	1046669	20.00	ng/ul	0.01
75) Chrysene-d12	21.87	240	999148	20.00	ng/ul	0.00
83) Perylene-d12	25.25	264	968382	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	21650	7.63	ng/uL	0.00
5) Phenol-d5	7.29	99	249774	20.55	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.45	67	160263	20.58	ng/ul	0.02
9) 2-Chlorophenol-d4	7.67	132	176604	21.30	ng/ul	0.02
13) 4-Methylphenol-d8	8.85	113	195353	20.59	ng/ul	0.02
19) Nitrobenzene-d5	9.31	128	94508	20.60	ng/ul	0.02
22) 2-Nitrophenol-d4	10.04	143	104080	19.75	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	208186	20.95	ng/ul	0.02
29) 4-Chloroaniline-d4	11.10	131	267139	22.91	ng/ul	0.02
43) Dimethylphthalate-d6	14.19	166	697078	20.38	ng/ul	0.01
46) Acenaphthylene-d8	14.49	160	803501	20.88	ng/ul	0.01
51) 4-Nitrophenol-d4	15.00	143	111468m	19.09	ng/ul	0.02
57) Fluorene-d10	15.79	176	650552	20.59	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	135576	20.19	ng/ul	0.01
70) Anthracene-d10	17.65	188	985057	20.89	ng/ul	0.01
76) Pyrene-d10	19.94	212	1057482	20.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	907528	20.70	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	25661	8.62	ng/uL	90
4) Benzaldehyde	7.27	77	163664	22.09	ng/ul#	80
6) Phenol	7.32	94	262712	20.75	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.54	93	190735	20.76	ng/ul#	86
10) 2-Chlorophenol	7.70	128	175946	20.83	ng/ul#	81
11) 2-Methylphenol	8.58	108	196503	20.61	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.67	45	273953	21.79	ng/ul	98
14) Acetophenone	8.97	105	325150	21.36	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.94	70	195303	21.33	ng/ul#	90
16) 4-Methylphenol	8.91	108	226563	21.20	ng/ul	99
17) Hexachloroethane	9.23	117	71114	19.51	ng/ul#	69
20) Nitrobenzene	9.35	77	267356	19.88	ng/ul#	86
21) Isophorone	9.88	82	501560	20.28	ng/ul#	92
23) 2-Nitrophenol	10.08	139	114932	20.20	ng/ul#	76
24) 2,4-Dimethylphenol	10.13	107	250461	20.07	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.36	93	286160	20.06	ng/ul#	94
27) 2,4-Dichlorophenol	10.62	162	205809	20.53	ng/ul	94
28) Naphthalene	11.02	128	609055	20.61	ng/ul	99
30) 4-Chloroaniline	11.13	127	262164	22.65	ng/ul	97
31) Hexachlorobutadiene	11.29	225	133023	19.93	ng/ul	90
32) Caprolactam	11.88	113	80445	19.33	ng/ul#	41
33) 4-Chloro-3-methylphenol	12.25	107	257865	19.99	ng/ul#	82
34) 2-Methylnaphthalene	12.62	142	488026	20.37	ng/ul	92

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080916\
 Data File : BG023555.D
 Acq On : 9 Aug 2016 12:24
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02018

Manual Integrations
 APPROVED

sohil
 8/10/2016 6:49:10 PM

Quant Time: Aug 10 04:59:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 09 02:15:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	270462	21.09	ng/ul	94
37) Hexachlorocyclopentadiene	12.96	237	136756	19.28	ng/ul	94
38) 2,4,6-Trichlorophenol	13.23	196	188395	21.21	ng/ul	97
39) 2,4,5-Trichlorophenol	13.31	196	198943	20.89	ng/ul	99
40) 1,1'-Biphenyl	13.62	154	657749	21.43	ng/ul	97
41) 2-Chloronaphthalene	13.66	162	508066	21.29	ng/ul	97
42) 2-Nitroaniline	13.88	65	199222	20.44	ng/ul#	72
44) Dimethylphthalate	14.23	163	684996	20.23	ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	147207	20.05	ng/ul#	81
47) Acenaphthylene	14.52	152	850894	21.14	ng/ul	97
48) 3-Nitroaniline	14.70	138	151579	21.96	ng/ul#	72
49) Acenaphthene	14.86	153	569471	20.76	ng/ul	96
50) 2,4-Dinitrophenol	14.92	184	82891	18.30	ng/ul#	90
52) 4-Nitrophenol	15.02	109	99048m	16.94	ng/ul	
53) Dibenzofuran	15.19	168	842432	20.73	ng/ul#	86
54) 2,4-Dinitrotoluene	15.16	165	232024	20.86	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.42	232	191838	19.61	ng/ul	96
56) Diethylphthalate	15.60	149	721704	20.39	ng/ul	95
58) Fluorene	15.84	166	696965	20.59	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.83	204	346733	20.36	ng/ul	97
60) 4-Nitroaniline	15.87	138	160480	20.05	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.93	198	142798	20.26	ng/ul#	91
64) N-Nitrosodiphenylamine	16.04	169	626454	21.42	ng/ul	95
65) 4-Bromophenyl-phenylether	16.73	248	245925	20.49	ng/ul	94
66) Hexachlorobenzene	16.85	284	262527	20.53	ng/ul	95
67) Atrazine	17.00	200	250886	20.77	ng/ul	97
68) Pentachlorophenol	17.20	266	133472	18.92	ng/ul	90
69) Phenanthrene	17.59	178	1122889	20.72	ng/ul	98
71) Anthracene	17.69	178	1171882	21.19	ng/ul	98
72) Carbazole	17.96	167	998490	22.40	ng/ul	99
73) Di-n-butylphthalate	18.50	149	1190069	21.32	ng/ul#	95
74) Fluoranthene	19.60	202	1276229	23.00	ng/ul	95
77) Pyrene	19.97	202	1297821	21.01	ng/ul	96
78) Butylbenzylphthalate	20.84	149	506937	21.40	ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.75	252	375974	21.36	ng/ul#	97
80) Benzo(a)anthracene	21.84	228	1175284	20.89	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	684966	21.74	ng/ul#	98
82) Chrysene	21.91	228	1070636	20.93	ng/ul	98
84) Di-n-octyl phthalate	22.99	149	1155233	23.62	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1177530	21.38	ng/ul#	95
86) Benzo(k)fluoranthene	24.24	252	1122890	20.71	ng/ul#	92
88) Benzo(a)pyrene	25.08	252	1094994	20.59	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.12	276	1267743	20.29	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.18	278	1077918	20.23	ng/ul#	91
91) Benzo(g,h,i)perylene	30.32	276	1043396m	20.14	ng/ul	

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

