

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
 Data File : BF083694.D
 Acq On : 11 Dec 2015 00:03
 Operator : UM/IZ
 Sample : G4697-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207MS

Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:01:47 PM

Quant Time: Dec 17 11:43:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	150224	20.00	ng	-0.09
21) Naphthalene-d8	7.50	136	569621	20.00	ng	-0.10
38) Acenaphthene-d10	10.29	164	272187	20.00	ng	-0.09
63) Phenanthrene-d10	12.69	188	474029	20.00	ng	-0.09
75) Chrysene-d12	16.91	240	343785	20.00	ng	-0.08
86) Perylene-d12	18.57	264	308917	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	3.92	112	1367474	138.07	ng	-0.06
7) Phenol-d6	5.20	99	1711687	129.34	ng	-0.08
23) Nitrobenzene-d5	6.44	82	1133342	92.84	ng	-0.09
41) 2,4,6-Tribromophenol	11.60	330	323294	133.32	ng	-0.09
44) 2-Fluorobiphenyl	9.25	172	1697549	87.78	ng	-0.09
78) Terphenyl-d14	15.31	244	1393339	95.36	ng	-0.10

Target Compounds						Qvalue
2) 1,4-Dioxane	1.80	88	165501	33.82	ng	# 95
3) Pyridine	2.24	79	474450	39.91	ng	99
4) n-Nitrosodimethylamine	2.20	42	271780	43.42	ng	95
6) Aniline	5.18	93	320635	19.66	ng	# 87
8) 2-Chlorophenol	5.33	128	461289	42.59	ng	100
9) Benzaldehyde	5.01	77	340830	52.35	ng	92
10) Phenol	5.21	94	706231	44.06	ng	89
11) bis(2-Chloroethyl)ether	5.28	93	462169	39.19	ng	97
12) 1,3-Dichlorobenzene	5.53	146	497861	41.24	ng	99
13) 1,4-Dichlorobenzene	5.63	146	509266	41.12	ng	99
14) 1,2-Dichlorobenzene	5.85	146	482187	41.95	ng	98
15) Benzyl Alcohol	5.87	79	465996	49.49	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.04	45	894171	41.00	ng	# 61
17) 2-Methylphenol	6.06	107	380823	43.21	ng	# 90
18) Hexachloroethane	6.32	117	175179	40.06	ng	92
19) n-Nitroso-di-n-propylamine	6.25	70	395922	42.86	ng	93
20) 3+4-Methylphenols	6.32	107	533042	45.93	ng	94
22) Acetophenone	6.22	105	677018	42.37	ng	# 96
24) Nitrobenzene	6.48	77	552584	40.96	ng	95
25) Isophorone	6.84	82	1010118	42.64	ng	99
26) 2-Nitrophenol	6.96	139	231937	43.29	ng	94
27) 2,4-Dimethylphenol	7.08	122	411175	43.87	ng	97
28) bis(2-Chloroethoxy)methane	7.20	93	601876	45.75	ng	99
29) 2,4-Dichlorophenol	7.37	162	380765	44.67	ng	97
30) 1,2,4-Trichlorobenzene	7.44	180	396951	42.16	ng	98
31) Naphthalene	7.54	128	1313920	43.55	ng	99
32) Benzoic acid	7.39	122	69794	13.92	ng	96
33) 4-Chloroaniline	7.71	127	179565	16.32	ng	93
34) Hexachlorobutadiene	7.74	225	232848	42.33	ng	98
35) Caprolactam	8.29	113	119947m	46.89	ng	
36) 4-Chloro-3-methylphenol	8.54	107	407198	42.53	ng	95
37) 2-Methylnaphthalene	8.64	142	874252	46.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	387278	43.34	ng	# 100
40) Hexachlorocyclopentadiene	8.89	237	78727	52.29	ng	96

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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	9.15	196	239996	45.14	nq	96
43) 2,4,5-Trichlorophenol	9.24	196	222159	42.20	nq	95
45) 1,1'-Biphenyl	9.40	154	1019409	43.09	nq	99
46) 2-Chloronaphthalene	9.41	162	769894	43.10	nq	96
47) 2-Nitroaniline	9.64	65	296441	46.02	nq	# 85
48) Acenaphthylene	10.06	152	1211868	41.15	nq	100
49) Dimethylphthalate	9.95	163	1084248	50.04	nq	100
50) 2,6-Dinitrotoluene	10.04	165	193536	43.26	nq	91
51) Acenaphthene	10.35	154	717275	42.54	nq	99
52) 3-Nitroaniline	10.33	138	120770	25.40	nq	89
53) 2,4-Dinitrophenol	10.54	184	118369	55.33	nq	94
54) Dibenzofuran	10.64	168	1092689	46.73	nq	97
55) 4-Nitrophenol	10.74	139	185849	88.79	nq	88
56) 2,4-Dinitrotoluene	10.72	165	270681	45.62	nq	# 80
57) Fluorene	11.18	166	859331	42.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.89	232	207109	48.82	nq	# 100
59) Diethylphthalate	11.09	149	879019	41.73	nq	99
60) 4-Chlorophenyl-phenylether	11.21	204	401233	41.30	nq	97
61) 4-Nitroaniline	11.32	138	173860	40.25	nq	84
62) Azobenzene	11.47	77	1120531	48.33	nq	99
64) 4,6-Dinitro-2-methylphenol	11.39	198	125292	39.17	nq	83
65) n-Nitrosodiphenylamine	11.42	169	728563	46.57	nq	100
66) 4-Bromophenyl-phenylether	12.00	248	233772	44.21	nq	93
67) Hexachlorobenzene	12.08	284	250867	44.73	nq	# 86
68) Atrazine	12.35	200	232715	50.00	nq	98
69) Pentachlorophenol	12.44	266	133125	86.27	nq	100
70) Phenanthrene	12.73	178	1219021	44.76	nq	99
71) Anthracene	12.82	178	1228932	43.56	nq	99
72) Carbazole	13.12	167	1108386	45.81	nq	98
73) Di-n-butylphthalate	13.73	149	1325049	43.55	nq	100
74) Fluoranthene	14.65	202	1146200	41.14	nq	96
76) Benzidine	14.95	184	298496	27.91	nq	96
77) Pyrene	15.00	202	1171340	47.33	nq	99
79) Butylbenzylphthalate	16.15	149	519432	47.28	nq	96
80) Benzo(a)anthracene	16.90	228	872266	43.35	nq	98
81) 3,3'-Dichlorobenzidine	16.89	252	249916	36.77	nq	99
82) Chrysene	16.95	228	863401	42.80	nq	99
83) Bis(2-ethylhexyl)phthalate	17.00	149	701850	46.03	nq	# 95
84) Di-n-octyl phthalate	17.78	149	1090965	46.82	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.77	276	787260	57.82	nq	# 100
87) Benzo(b)fluoranthene	18.18	252	822244m	46.74	nq	
88) Benzo(k)fluoranthene	18.21	252	668827m	34.51	nq	
89) Benzo(a)pyrene	18.51	252	698292	40.68	nq	# 96
90) Dibenzo(a,h)anthracene	19.76	278	664540	50.63	nq	98
91) Benzo(g,h,i)perylene	20.12	276	642445	50.20	nq	95

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

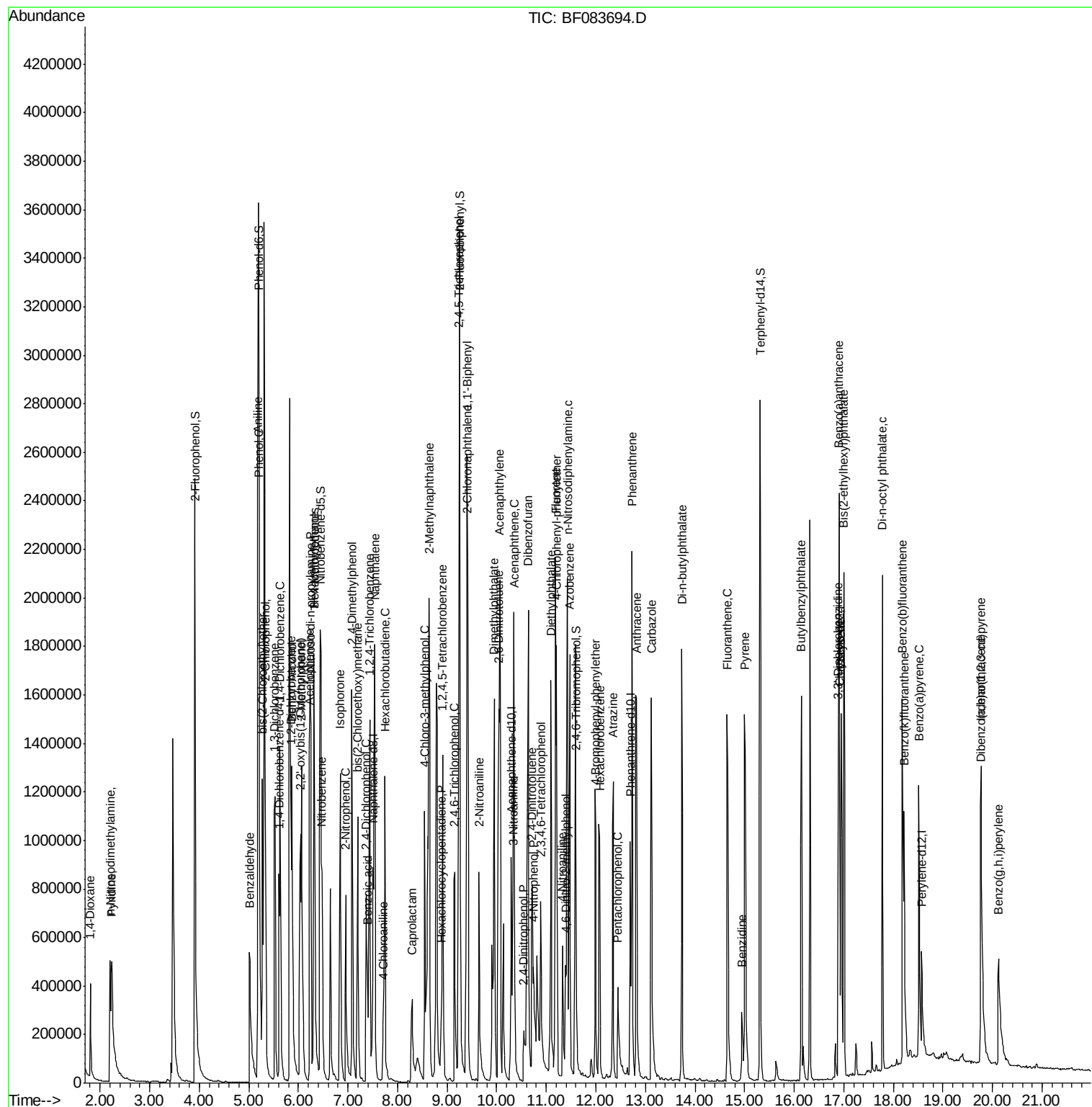
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
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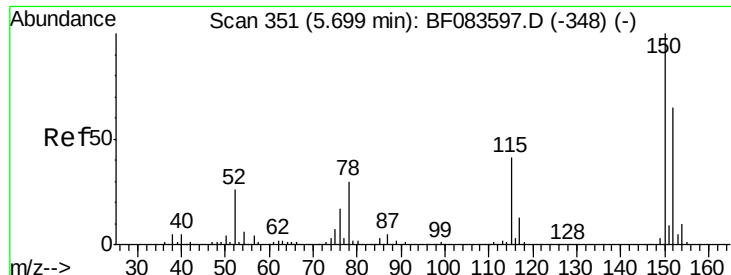
Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207MS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.61 min Scan# 343

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

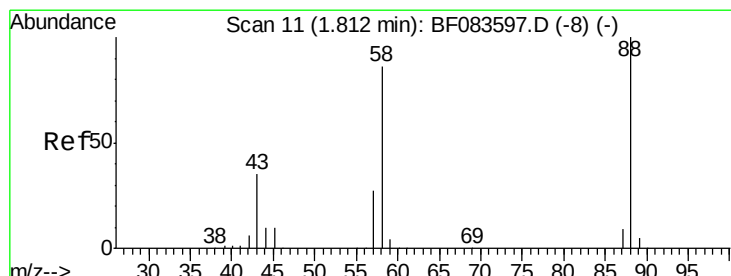
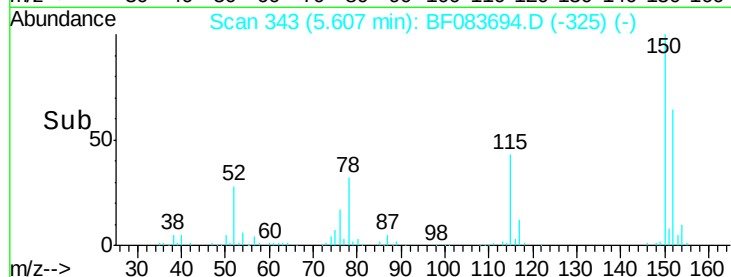
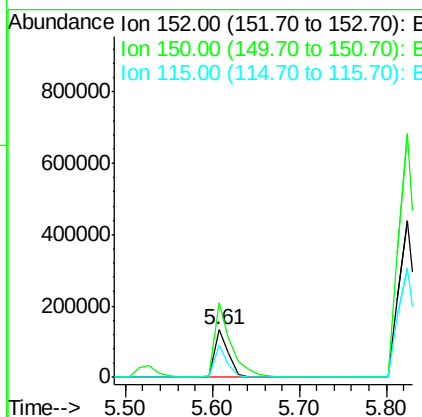
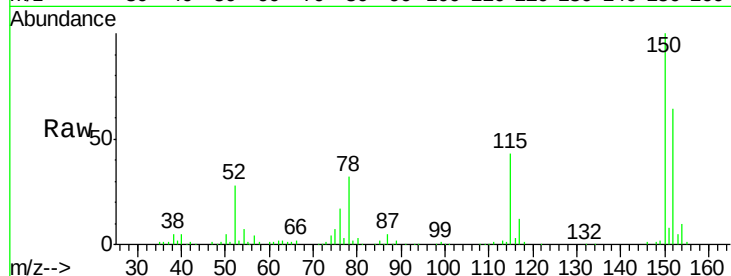
ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:	152	Resp:	150224
Ion Ratio	Lower	Upper	
152	100		
150	155.6	126.5	189.7
115	66.7	52.3	78.5

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#2

1,4-Dioxane

Concen: 33.82 ng

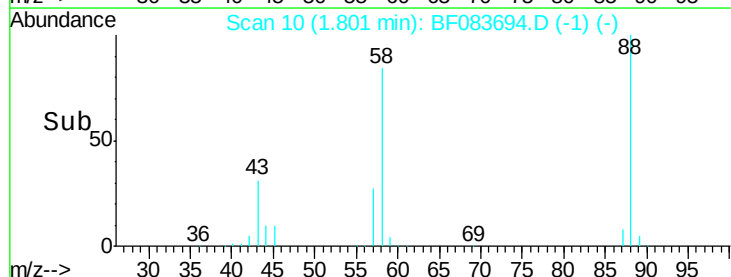
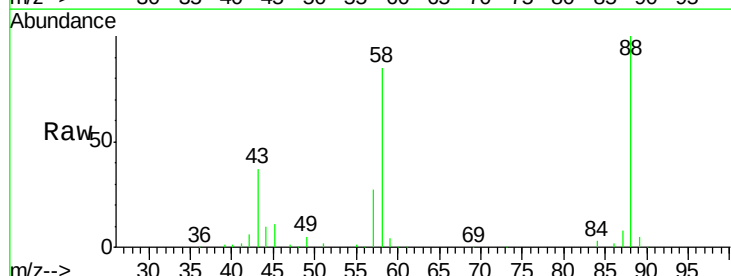
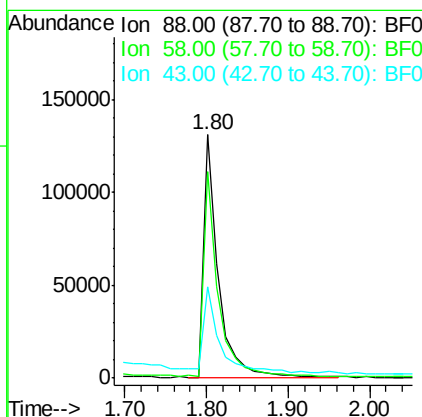
RT: 1.80 min Scan# 10

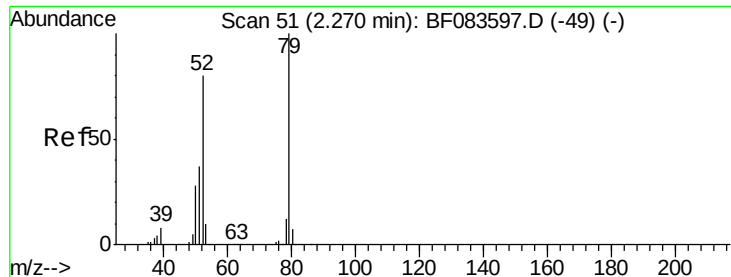
Delta R.T. -0.01 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Tgt Ion:	88	Resp:	165501
Ion Ratio	Lower	Upper	
88	100		
58	86.0	68.0	102.0
43	43.2	27.9	41.9#





#3

Pvridine

Concen: 39.91 ng

RT: 2.24 min Scan# 48

Delta R.T. -0.03 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

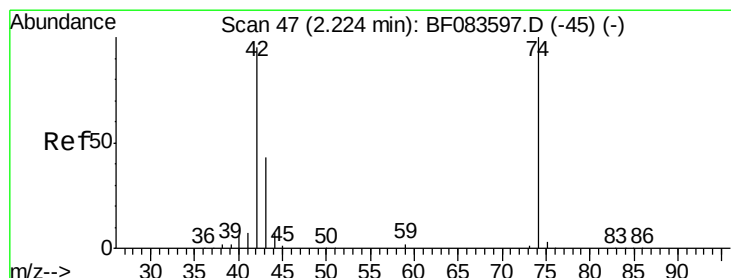
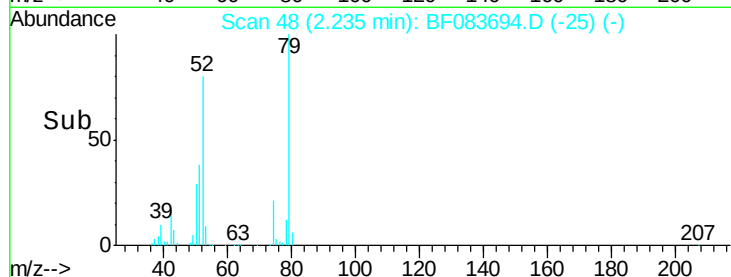
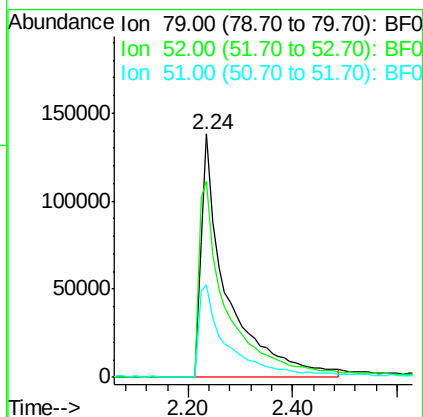
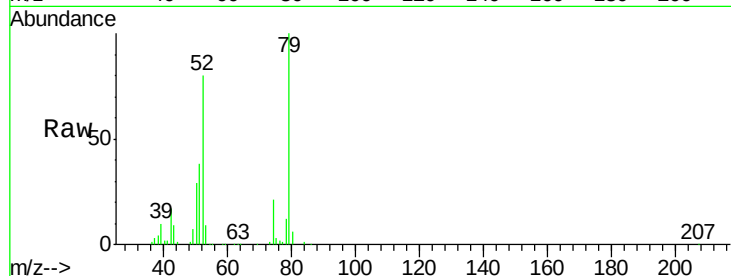
ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:	79	Resp:	474450
Ion Ratio	Lower	Upper	
79	100		
52	80.5	63.7	95.5
51	38.3	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 43.42 ng

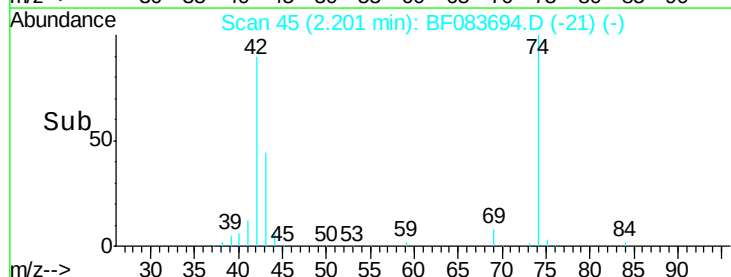
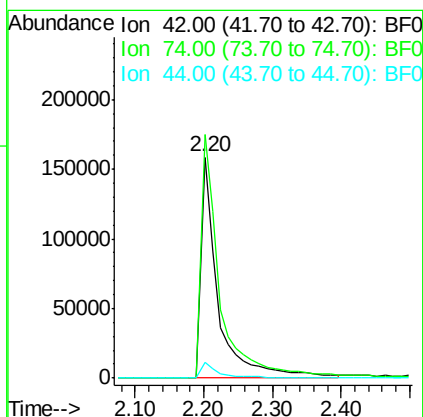
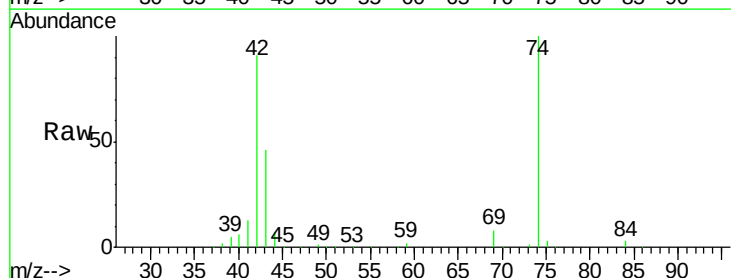
RT: 2.20 min Scan# 45

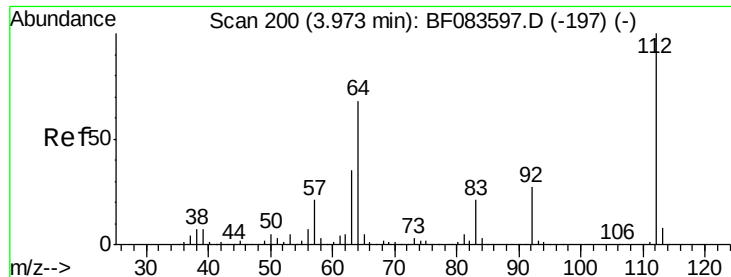
Delta R.T. -0.02 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Tgt Ion:	42	Resp:	271780
Ion Ratio	Lower	Upper	
42	100		
74	110.2	92.9	139.3
44	7.3	5.7	8.5





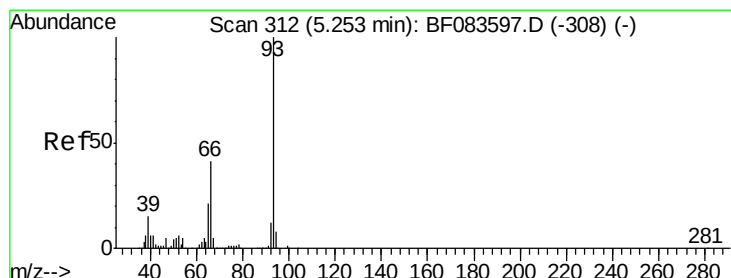
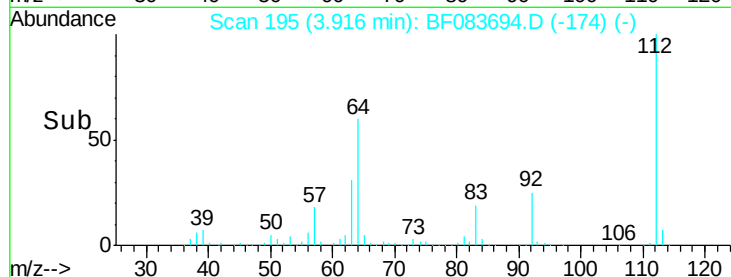
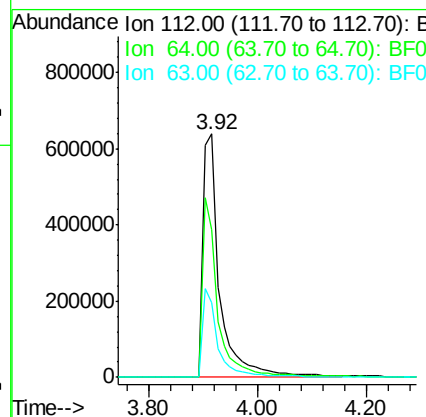
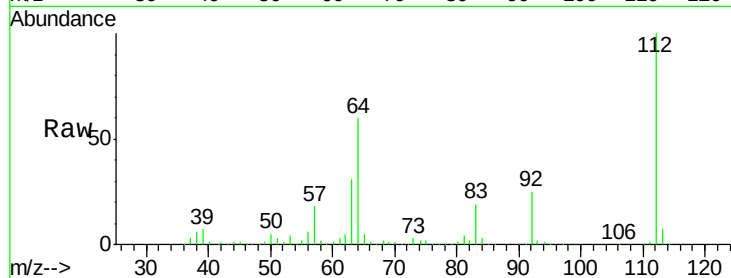
#5
2-Fluorophenol
Concen: 138.07 ng
RT: 3.92 min Scan# 195
Delta R.T. -0.06 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
112	100		
64	60.5	50.5	75.7
63	30.6	25.8	38.6

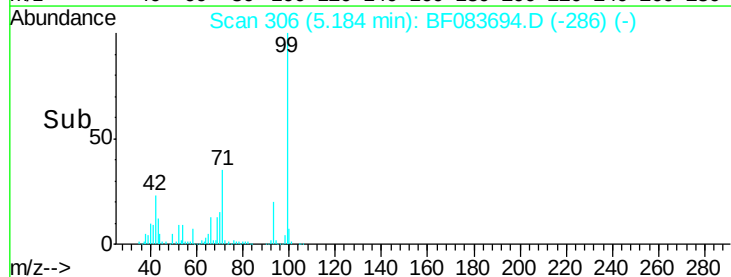
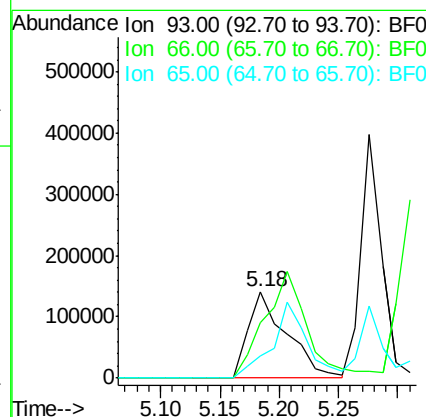
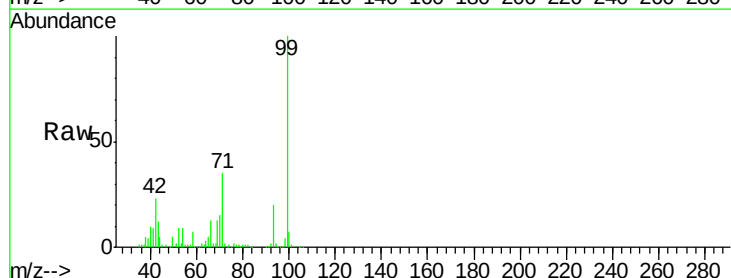
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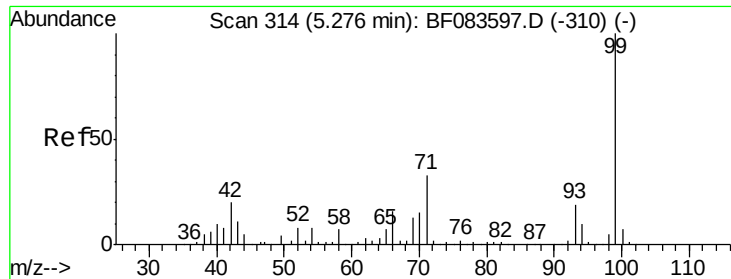
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#6
Aniline
Concen: 19.66 ng
RT: 5.18 min Scan# 306
Delta R.T. -0.07 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	64.9	41.3	61.9#
65	25.2	20.8	31.2





#7

Phenol-d6

Concen: 129.34 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.08 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion: 99 Resp: 1711687

Ion Ratio Lower Upper

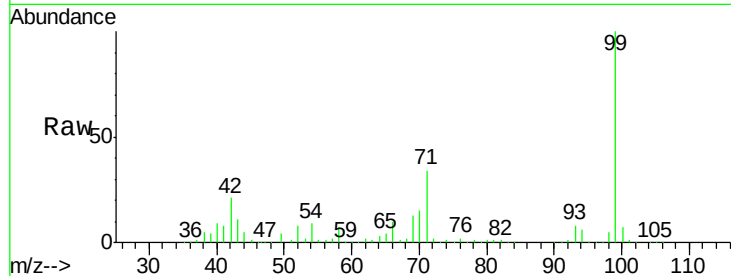
99 100

42 20.9 17.3 25.9

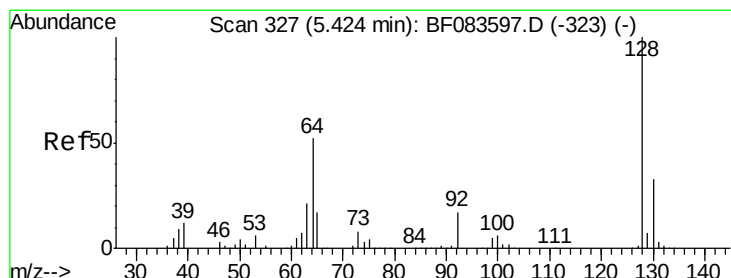
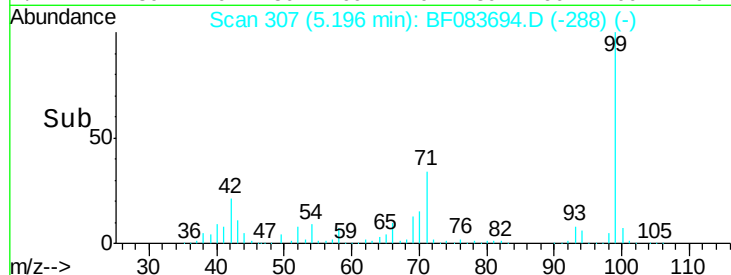
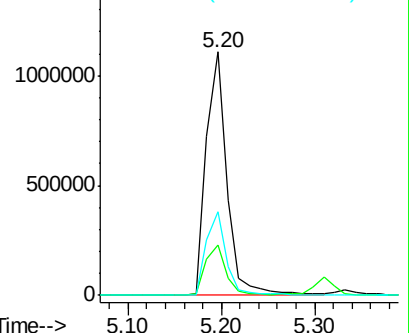
71 34.1 26.6 40.0

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.59 ng

RT: 5.33 min Scan# 319

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

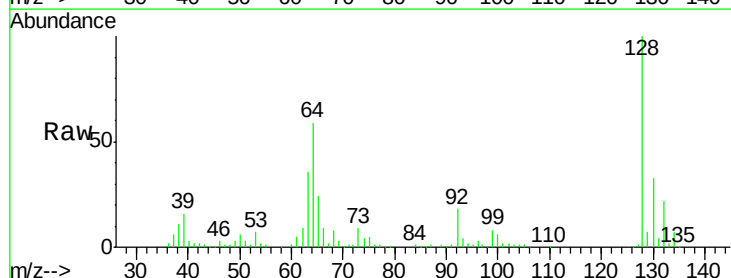
Tgt Ion: 128 Resp: 461289

Ion Ratio Lower Upper

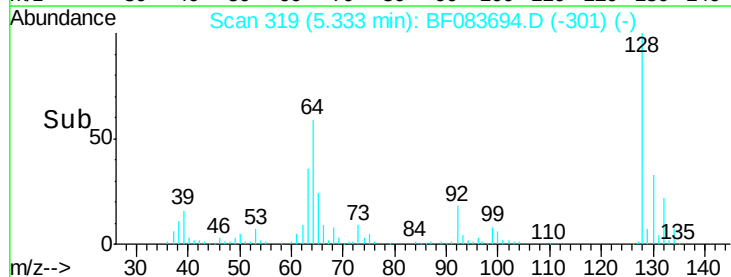
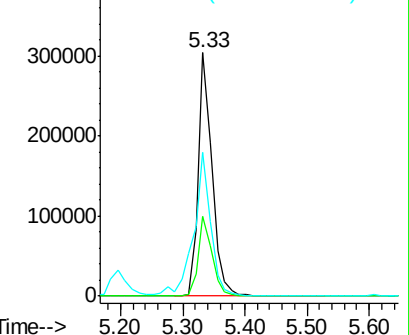
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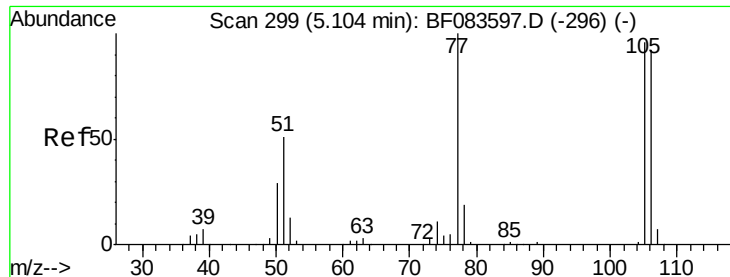
130 32.6 12.6 52.6

64 58.9 38.6 78.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 52.35 ng

RT: 5.01 min Scan# 291

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

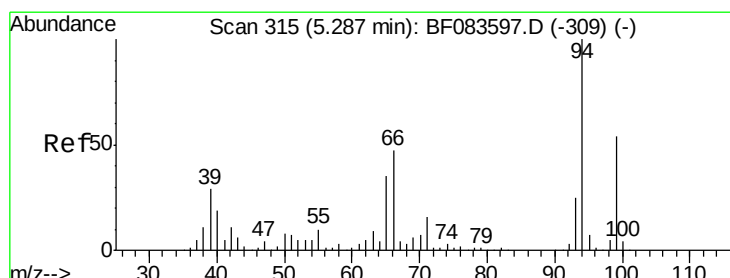
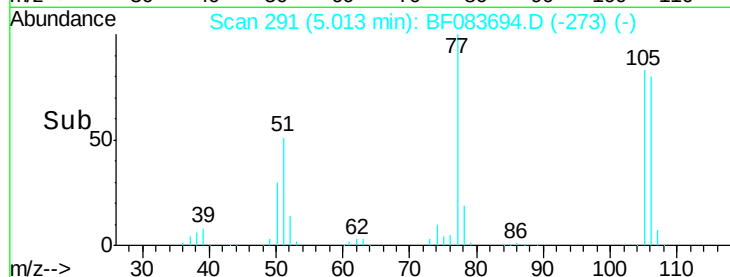
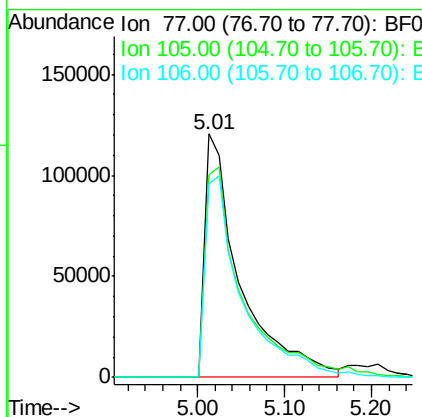
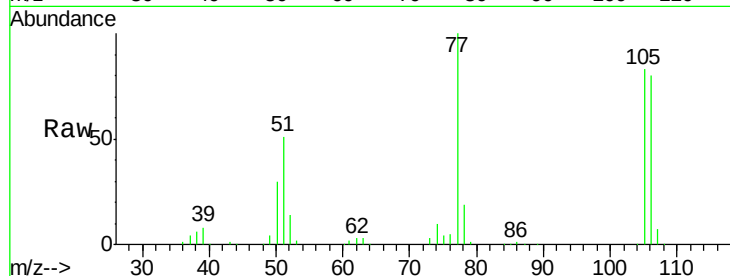
ClientSampleId :

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Tot Ion:	77	Resp:	340830
Ion	Ratio	Lower	Upper
77	100		
105	83.2	71.8	111.8
106	79.5	66.8	106.8

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#10

Phenol

Concen: 44.06 ng

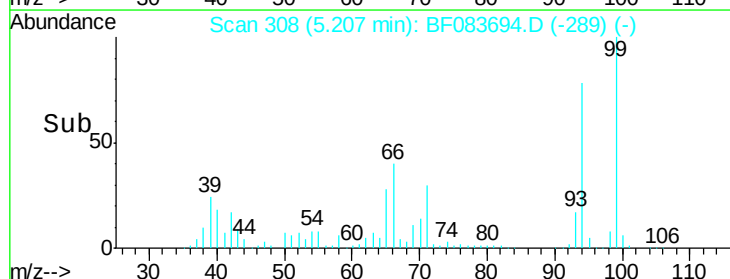
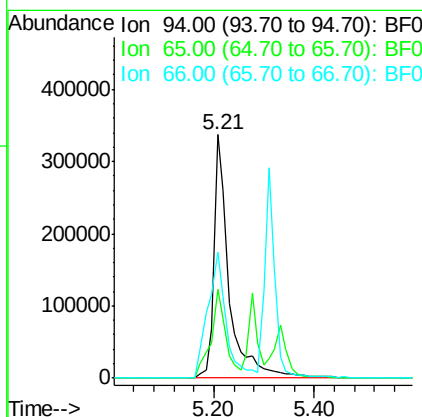
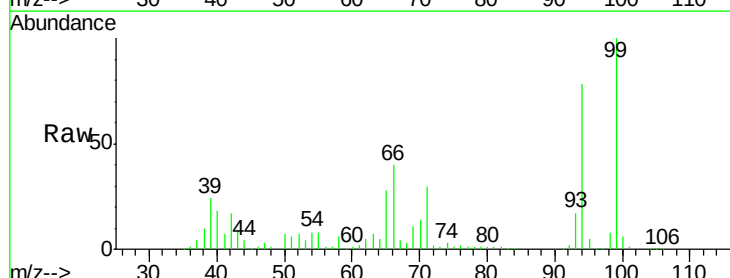
RT: 5.21 min Scan# 308

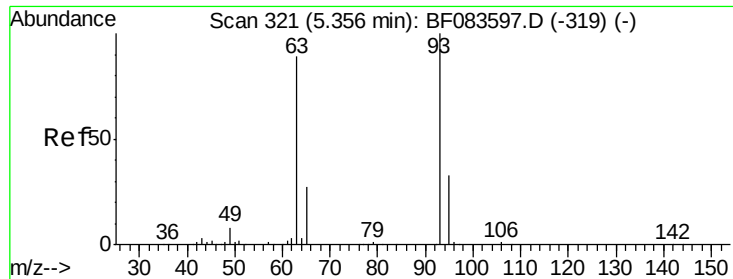
Delta R.T. -0.08 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Tgt Ion:	94	Resp:	706231
Ion	Ratio	Lower	Upper
94	100		
65	36.5	20.9	60.9
66	51.5	41.6	81.6





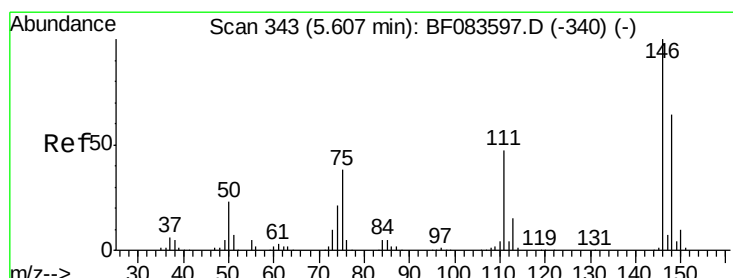
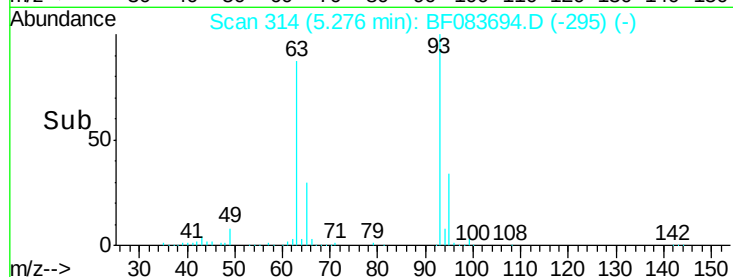
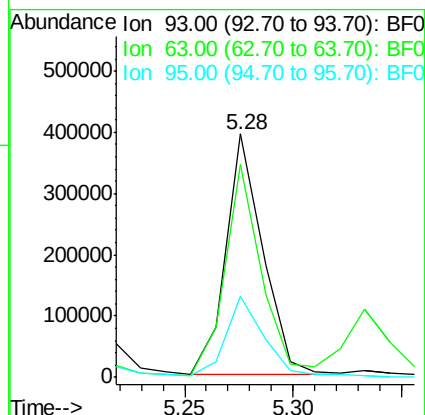
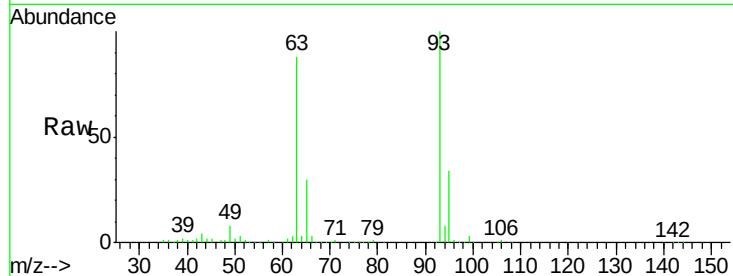
#11
bis(2-Chloroethyl)ether
Concen: 39.19 ng
RT: 5.28 min Scan# 314
Delta R.T. -0.08 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	64.7	104.7
95	33.6	12.7	52.7

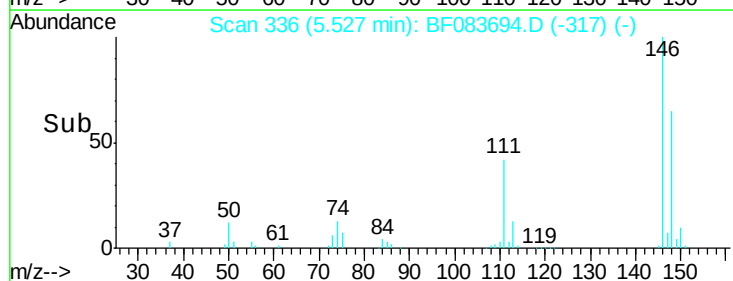
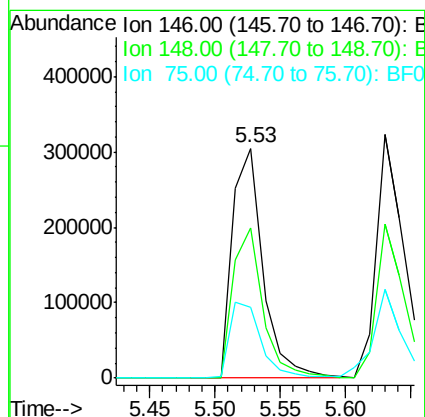
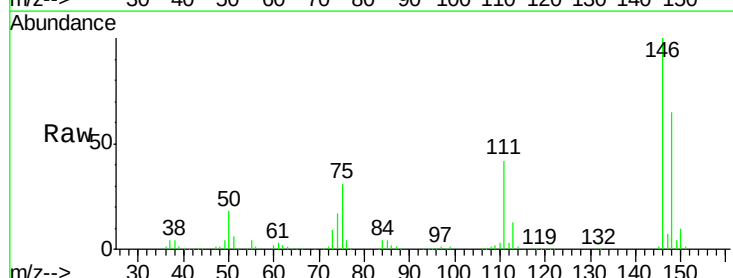
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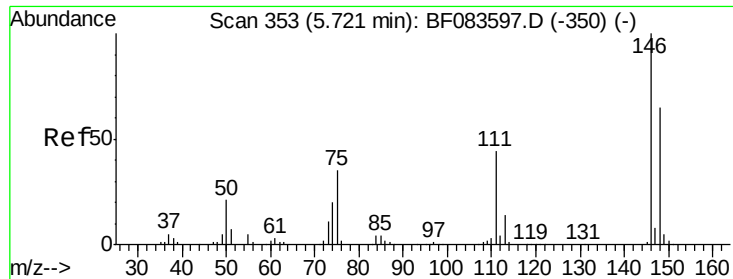
MMdadoda
12/11/2015 6:01:47 PM



#12
1,3-Dichlorobenzene
Concen: 41.24 ng
RT: 5.53 min Scan# 336
Delta R.T. -0.08 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.3	76.9
75	30.7	24.1	36.1





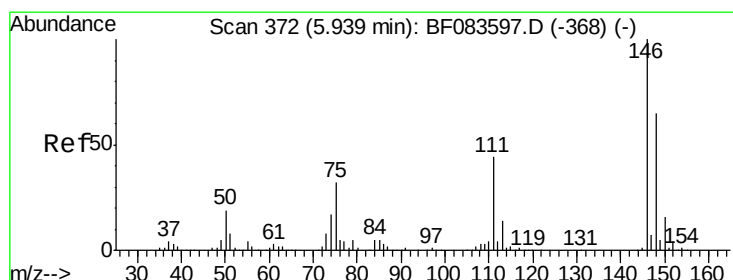
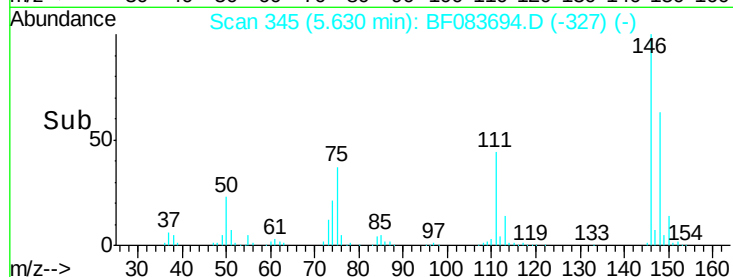
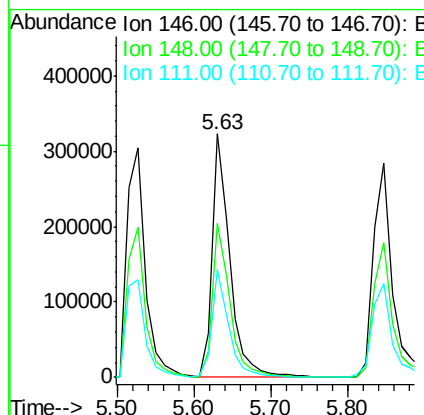
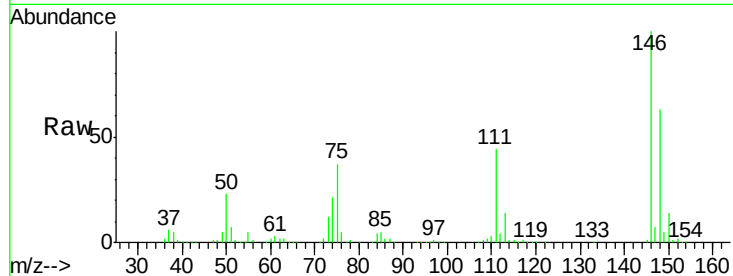
#13
1,4-Dichlorobenzene
Concen: 41.12 ng
RT: 5.63 min Scan# 345
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	44.2	36.1	54.1

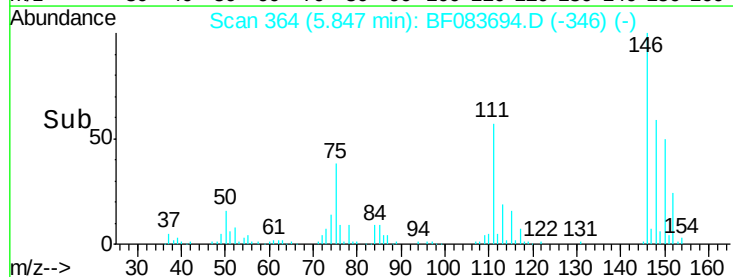
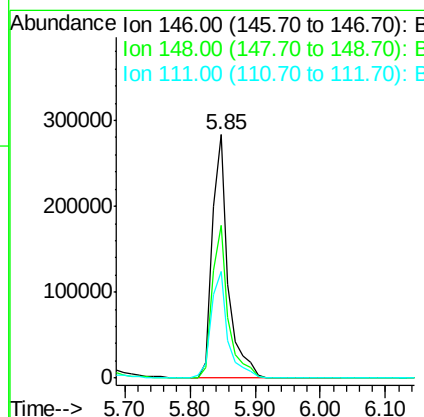
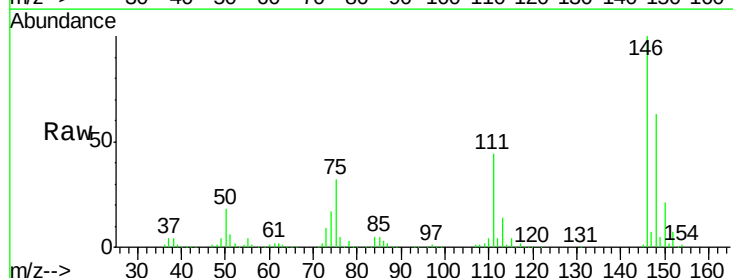
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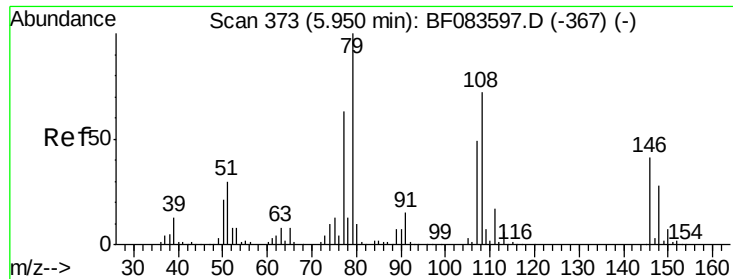
MMdadoda
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#14
1,2-Dichlorobenzene
Concen: 41.95 ng
RT: 5.85 min Scan# 364
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.0
111	44.0	36.7	55.1





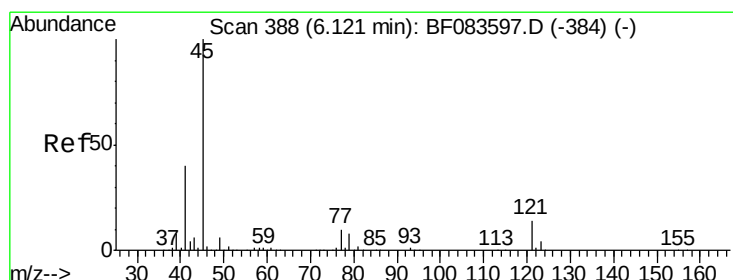
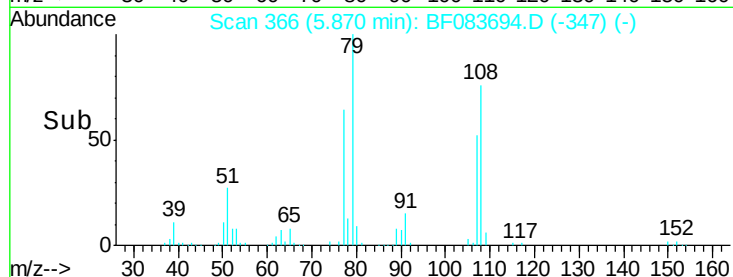
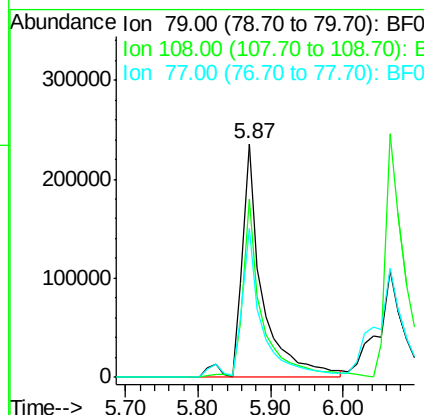
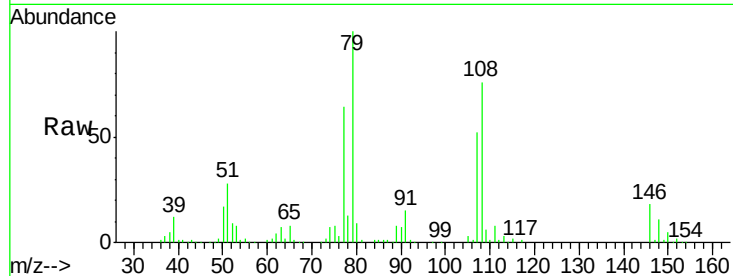
#15
Benzyl Alcohol
Concen: 49.49 ng
RT: 5.87 min Scan# 366
Delta R.T. -0.08 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	59.6	89.4
77	63.8	49.8	74.6

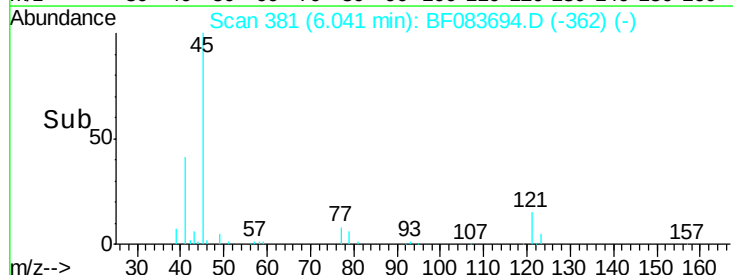
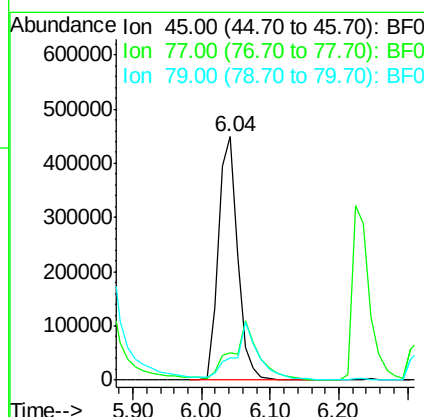
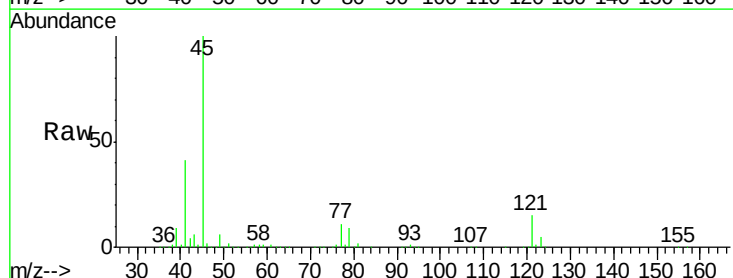
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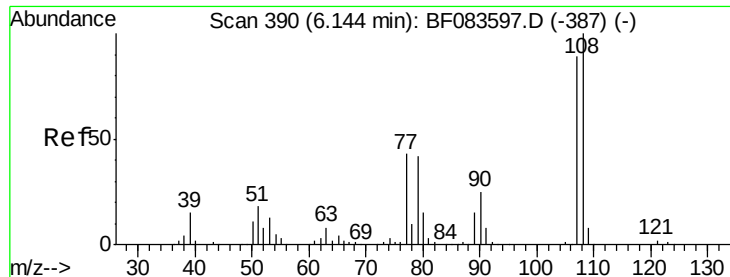
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.00 ng
RT: 6.04 min Scan# 381
Delta R.T. -0.08 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	12.8	52.8#
79	9.2	10.7	50.7#





#17

2-Methylphenol

Concen: 43.21 ng

RT: 6.06 min Scan# 383

Delta R.T. -0.08 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:107 Resp: 380823

Ion Ratio Lower Upper

107 100

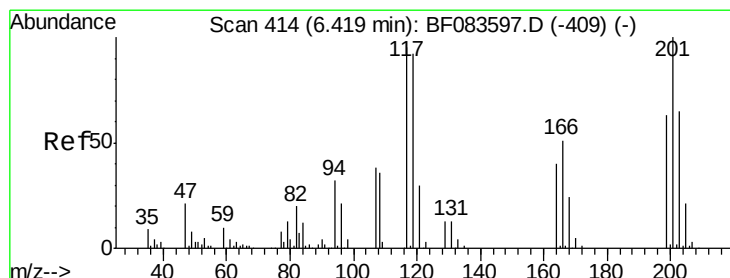
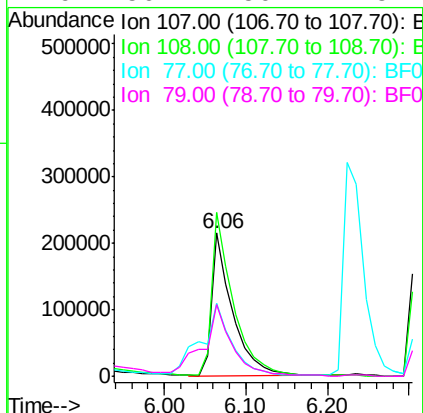
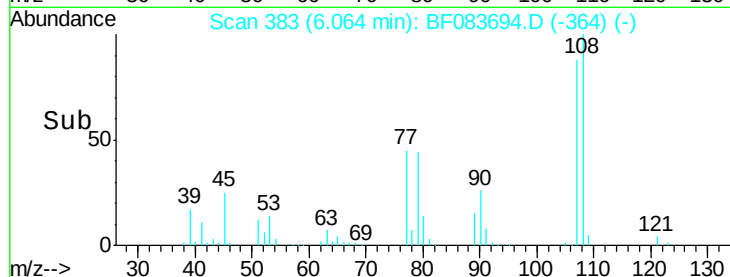
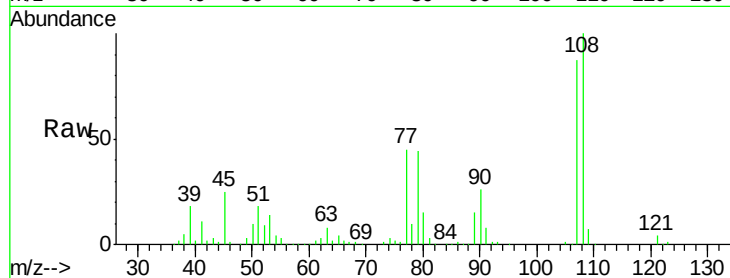
108 114.4 91.6 137.4

77 51.2 53.7 80.5#

79 50.2 50.2 75.4#

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#18

Hexachloroethane

Concen: 40.06 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.10 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

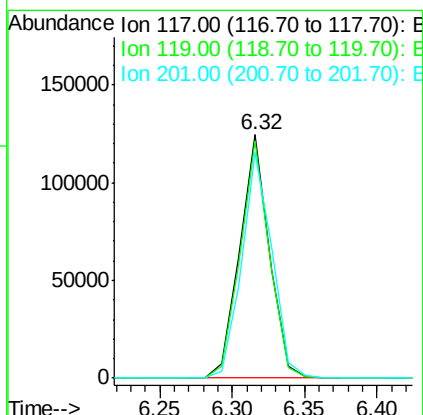
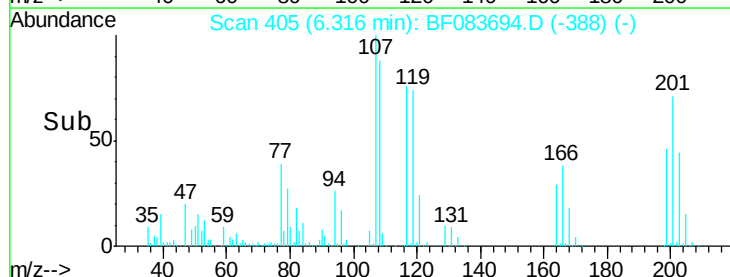
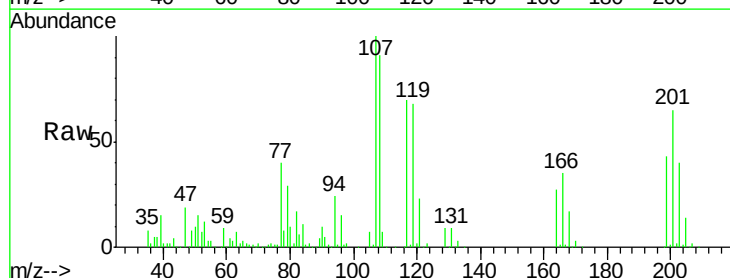
Tgt Ion:117 Resp: 175179

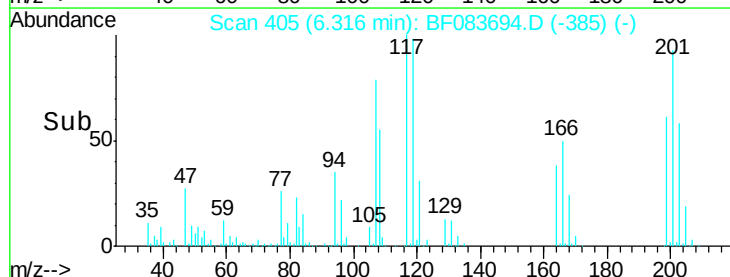
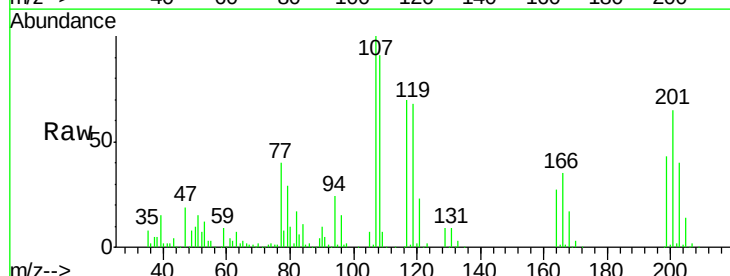
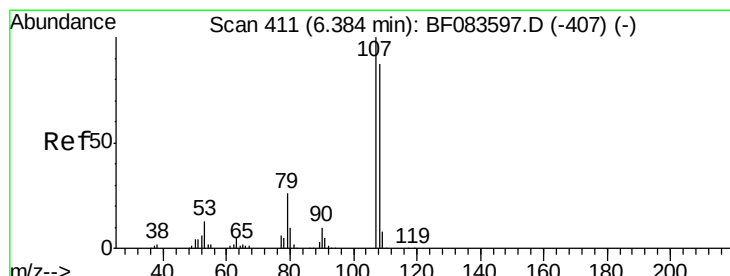
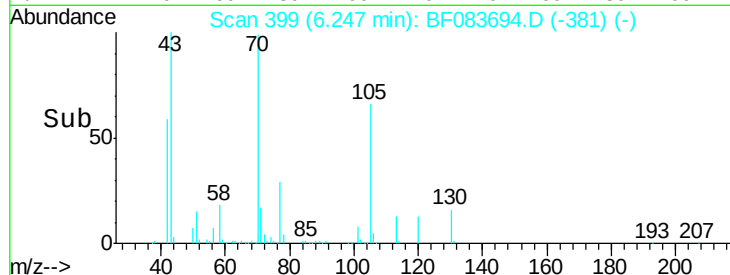
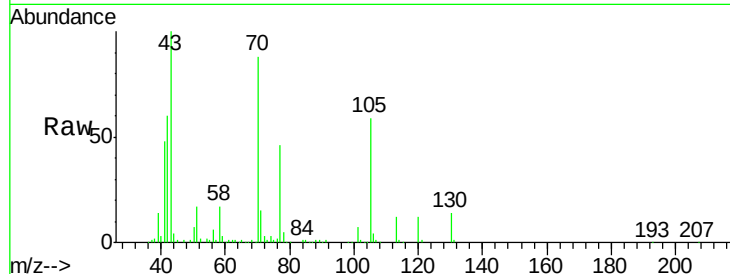
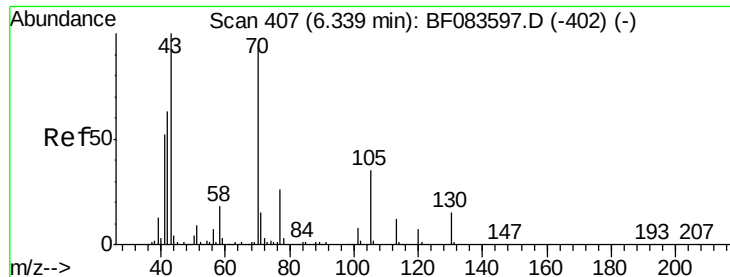
Ion Ratio Lower Upper

117 100

119 97.6 77.2 115.8

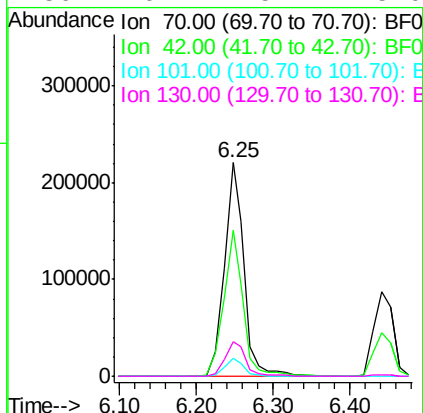
201 92.9 86.8 130.2





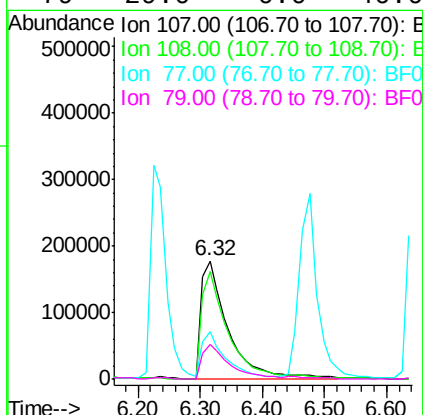
#19
n-Nitroso-di-n-propylamine
Concen: 42.86 ng
RT: 6.25 min Scan# 399
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.1	49.2	73.8
101	8.4	7.1	10.7
130	16.4	15.4	23.0



#20
3+4-Methylphenols
Concen: 45.93 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.07 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

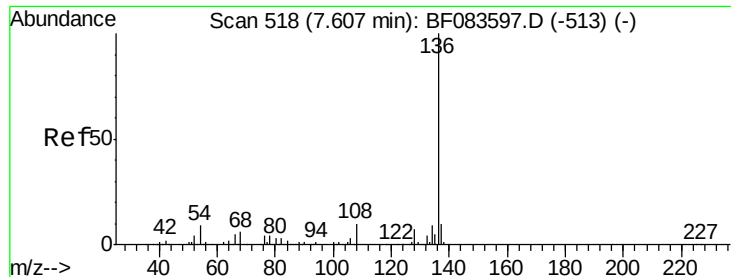
Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	65.2	105.2
77	39.8	15.2	55.2
79	29.0	6.0	46.0



Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.10 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

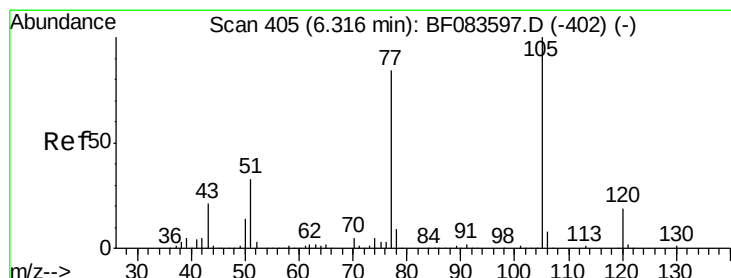
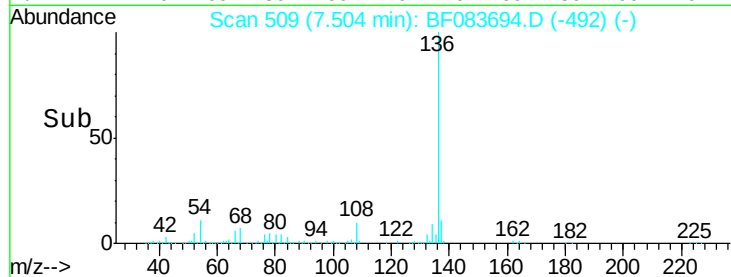
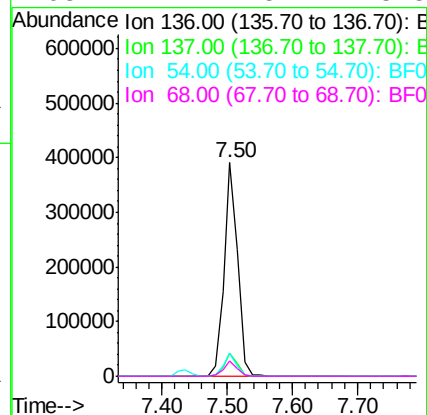
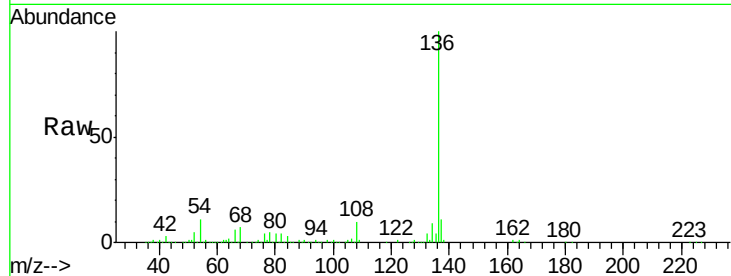
ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		569621		
137	11.1	8.7	13.1		
54	10.6	7.8	11.6		
68	7.4	5.7	8.5		

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#22

Acetophenone

Concen: 42.37 ng

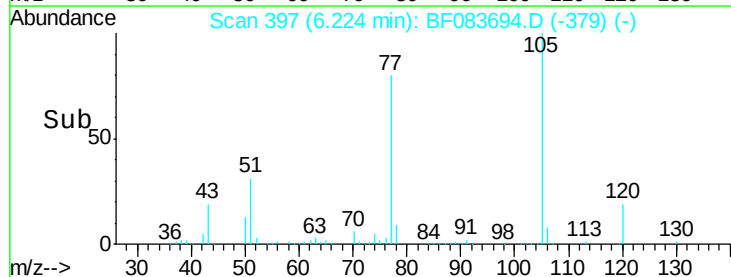
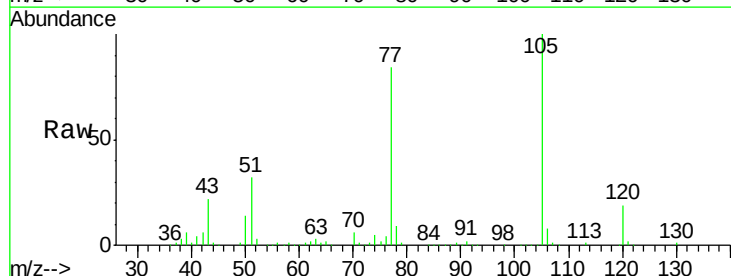
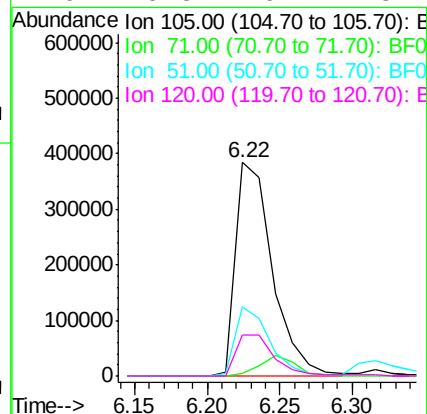
RT: 6.22 min Scan# 397

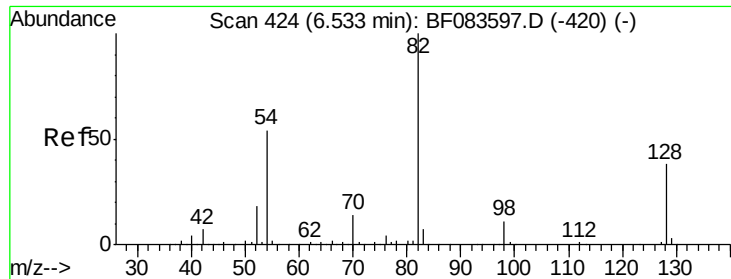
Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		677018		
71	1.1	1.3	1.9#		
51	32.3	23.8	35.8		
120	19.3	16.7	25.1		





#23

Nitrobenzene-d5

Concen: 92.84 ng

RT: 6.44 min Scan# 416

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion: 82 Resp: 1133342

Ion Ratio Lower Upper

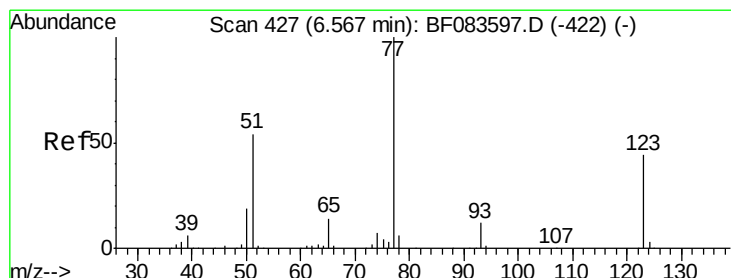
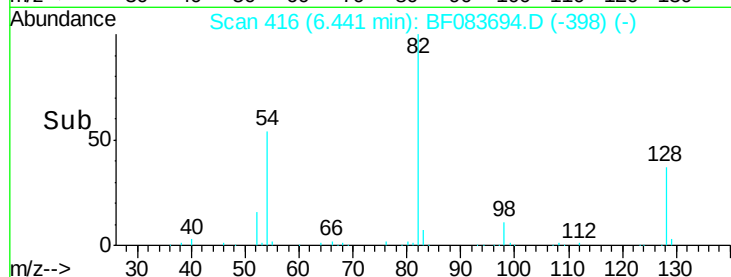
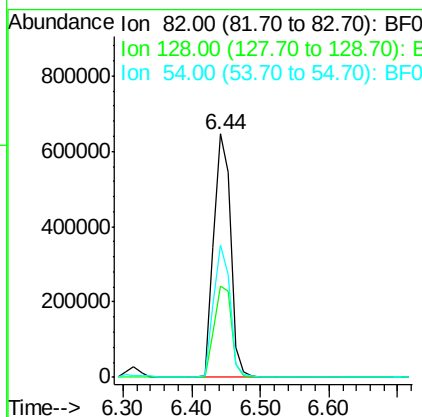
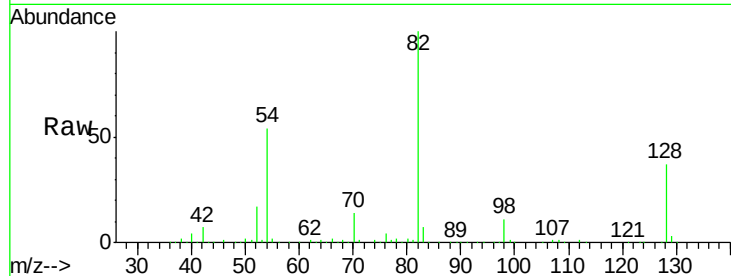
82 100

128 37.3 30.7 46.1

54 54.1 42.5 63.7

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#24

Nitrobenzene

Concen: 40.96 ng

RT: 6.48 min Scan# 419

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

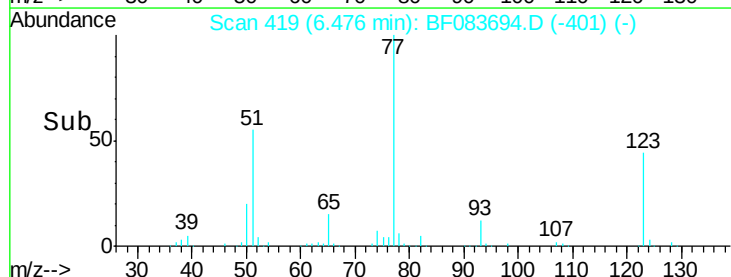
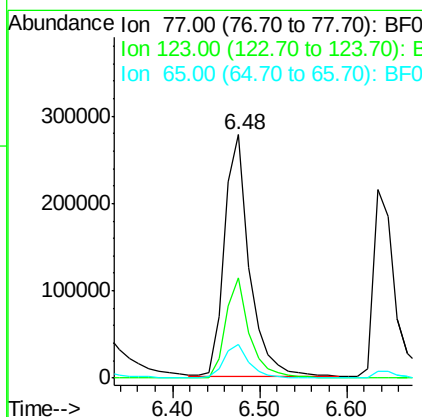
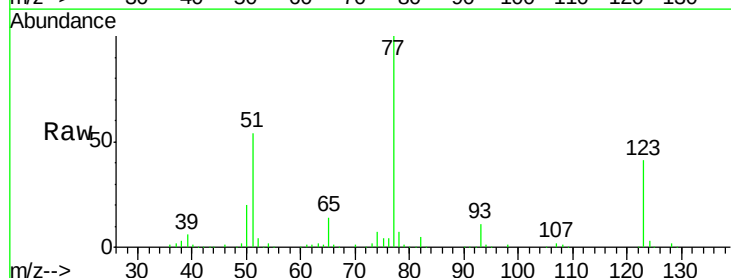
Tgt Ion: 77 Resp: 552584

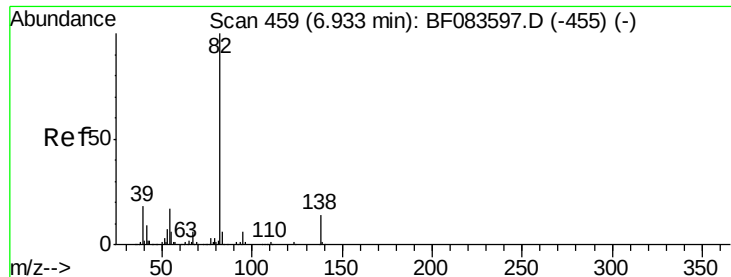
Ion Ratio Lower Upper

77 100

123 41.3 29.8 44.6

65 13.9 11.1 16.7





#25

Isophorone

Concen: 42.64 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion: 82 Resp: 1010118

Ion Ratio Lower Upper

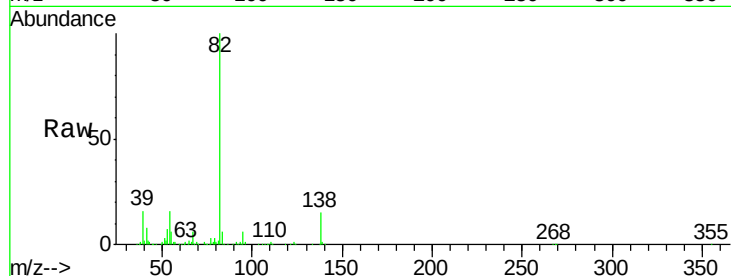
82 100

95 6.4 5.0 7.4

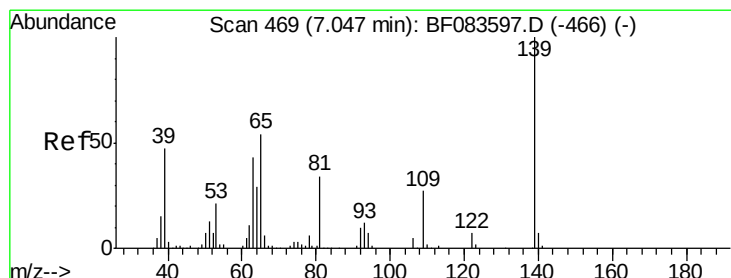
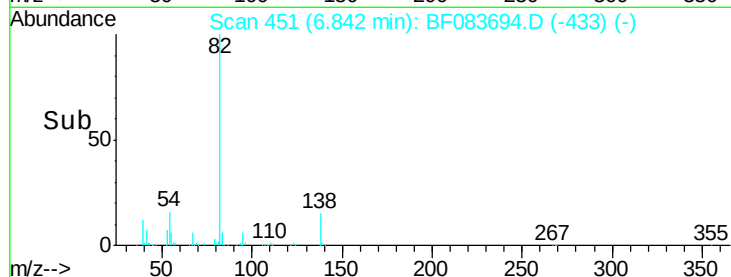
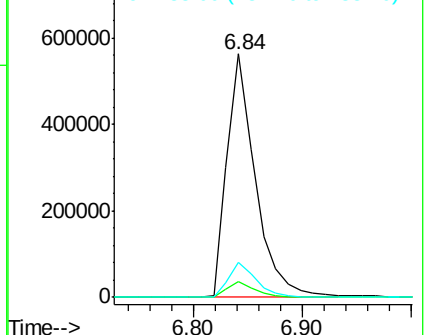
138 14.5 12.1 18.1

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.29 ng

RT: 6.96 min Scan# 461

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

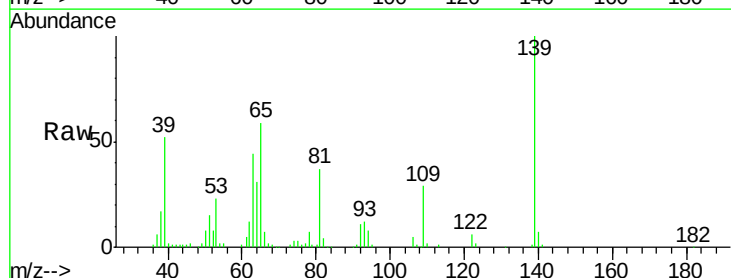
Tgt Ion: 139 Resp: 231937

Ion Ratio Lower Upper

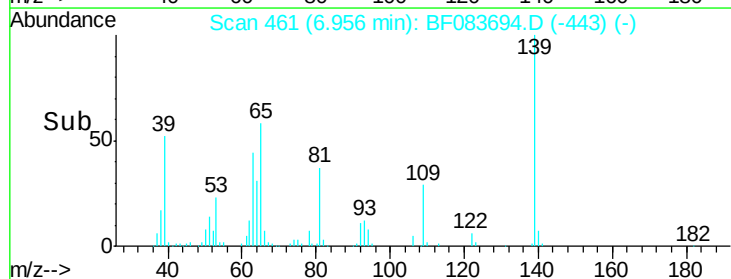
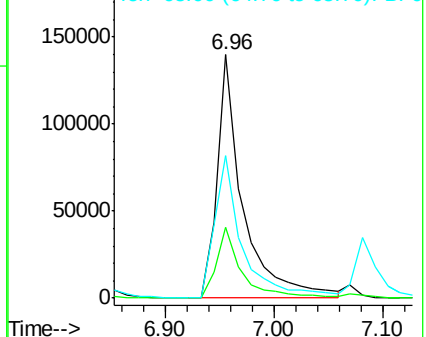
139 100

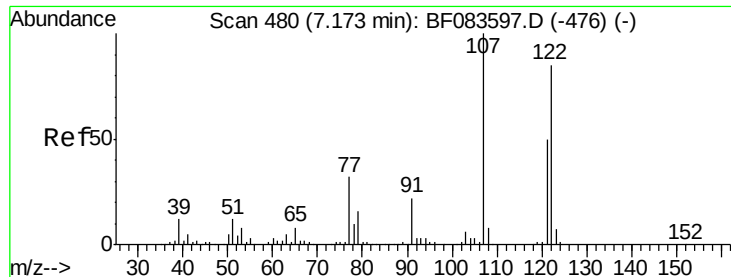
109 29.2 22.7 34.1

65 58.7 51.8 77.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.87 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

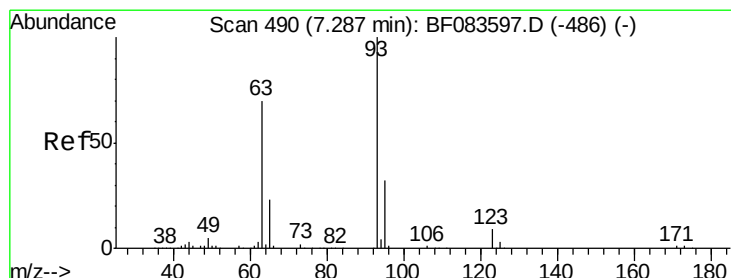
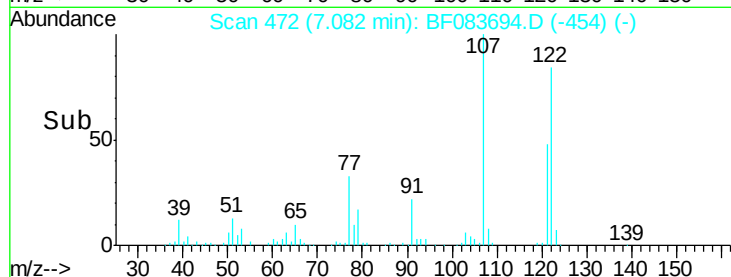
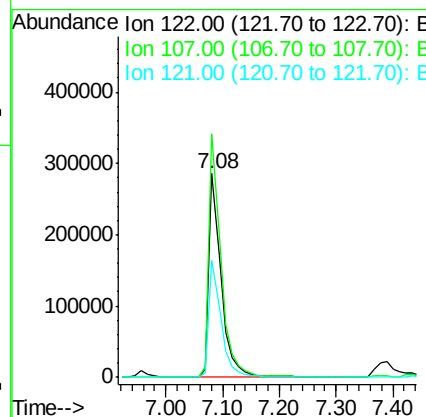
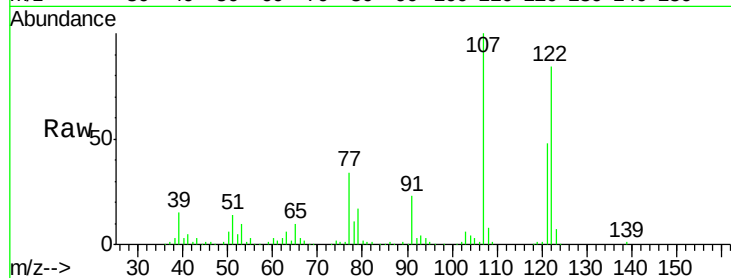
ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:	122	Resp:	411175
Ion Ratio	Lower	Upper	
122	100		
107	119.7	92.4	138.6
121	57.3	45.8	68.6

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:01:47 PM



#28

bis(2-Chloroethoxy)methane

Concen: 45.75 ng

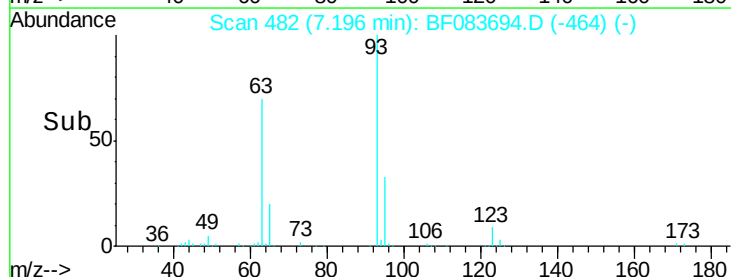
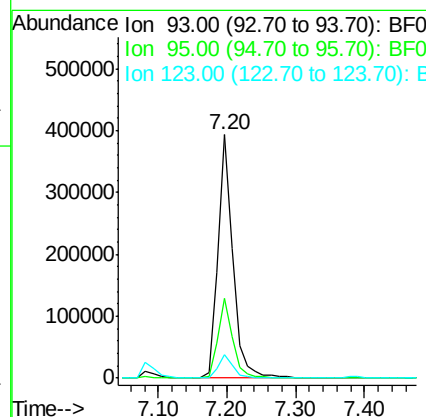
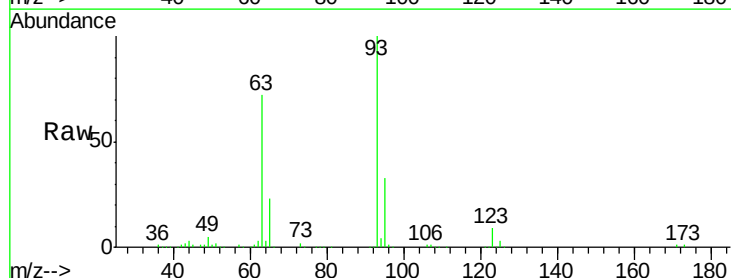
RT: 7.20 min Scan# 482

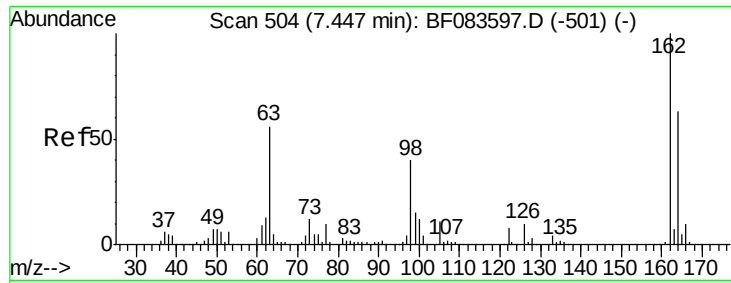
Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Tgt Ion:	93	Resp:	601876
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.6	38.4
123	9.4	7.3	10.9





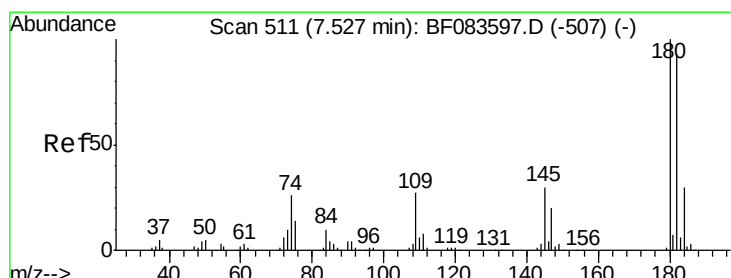
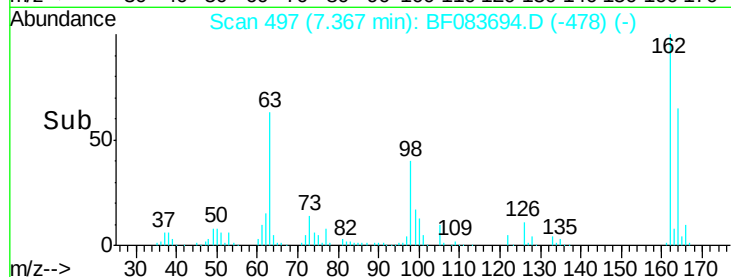
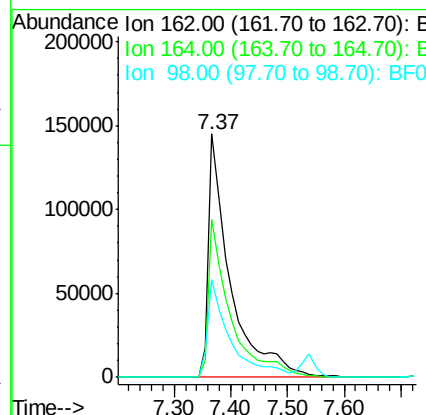
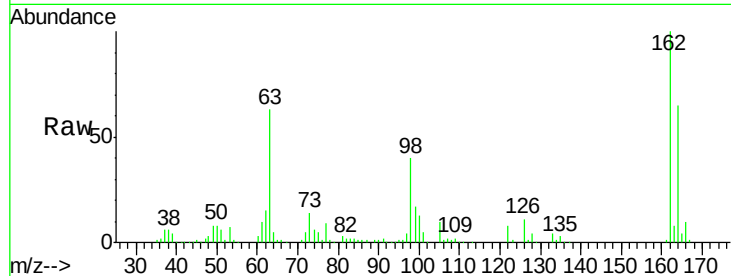
#29
2,4-Dichlorophenol
Concen: 44.67 ng
RT: 7.37 min Scan# 497
Delta R.T. -0.08 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	380765		
164	64.6		43.4	83.4
98	40.3		17.5	57.5

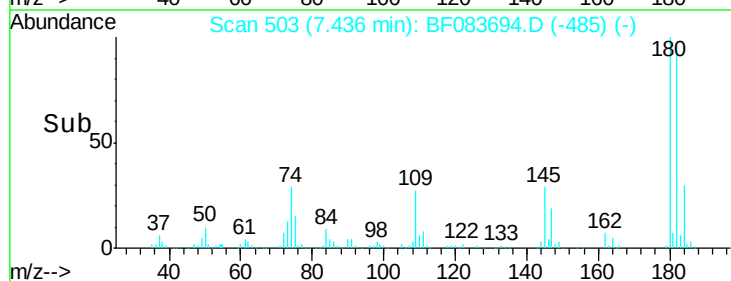
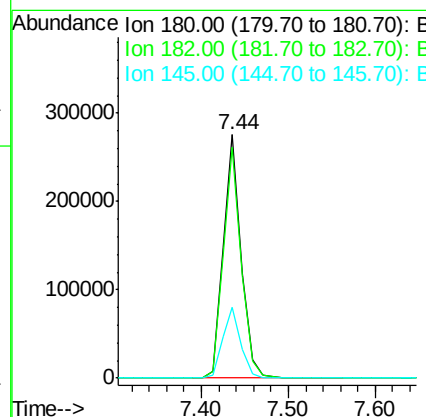
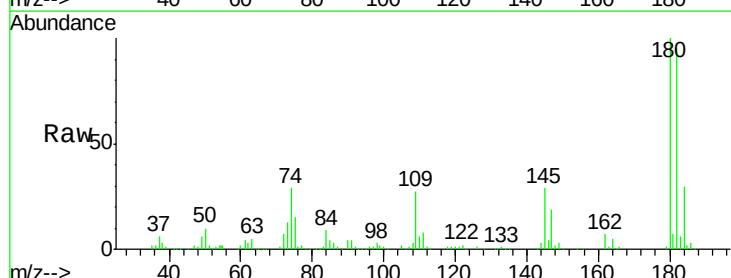
Manual Integrations
APPROVED

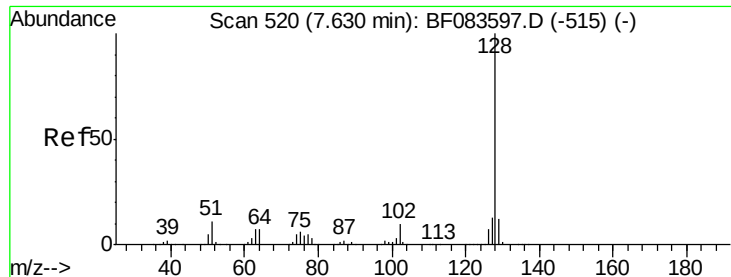
MMdadoda
12/11/2015 6:01:47 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.16 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	396951		
182	94.8		74.9	112.3
145	29.0		24.7	37.1





#31

Naphthalene

Concen: 43.55 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:128 Resp: 1313920

Ion Ratio Lower Upper

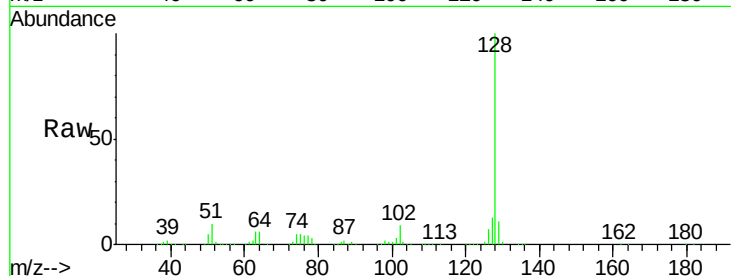
128 100

129 11.4 8.6 13.0

127 13.1 10.6 16.0

Manual Integrations
APPROVED

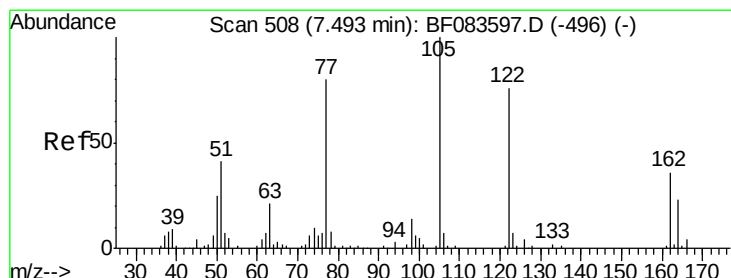
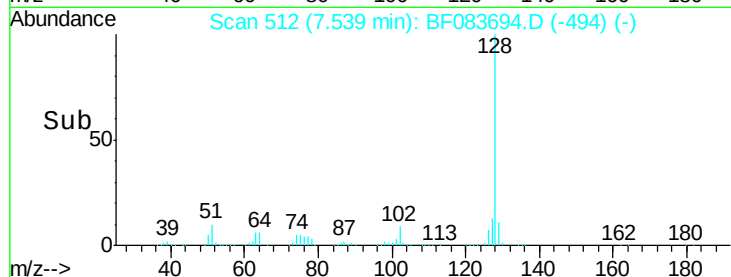
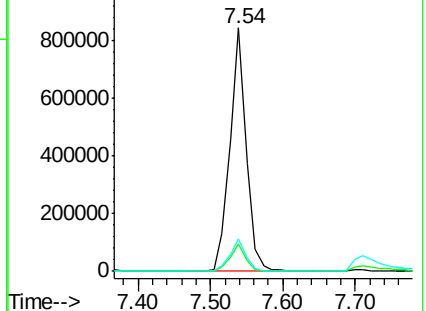
MMdadoda
12/11/2015 6:01:47 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.92 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.10 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

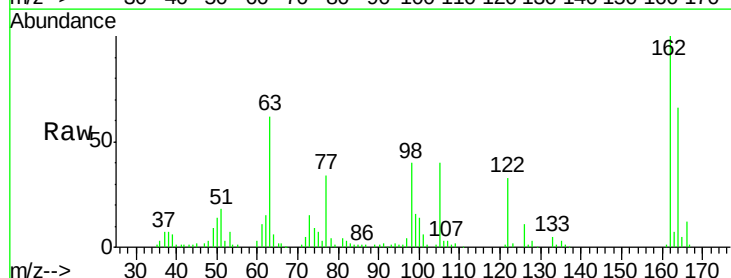
Tgt Ion:122 Resp: 69794

Ion Ratio Lower Upper

122 100

105 121.4 105.6 145.6

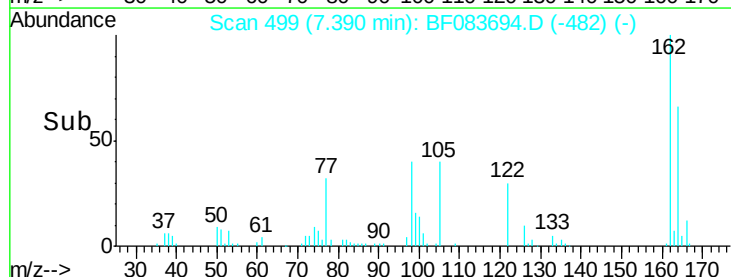
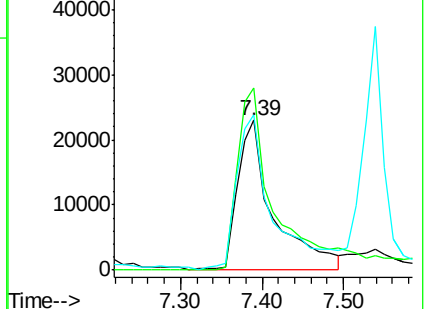
77 103.4 86.8 126.8

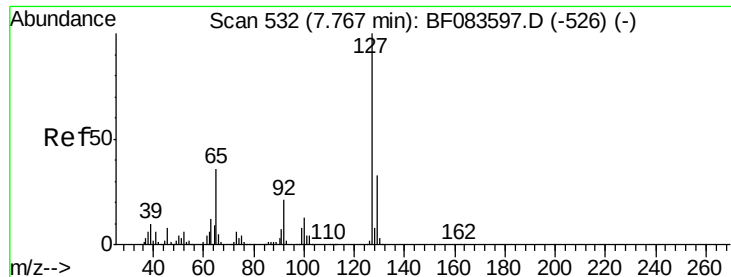


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





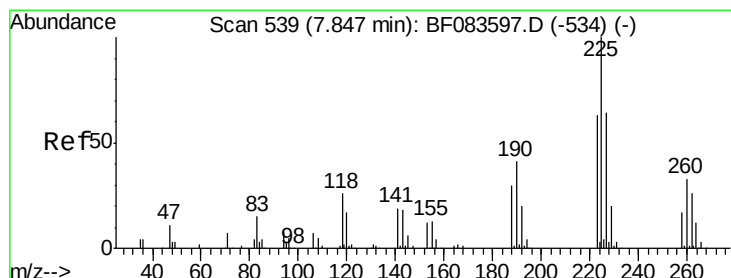
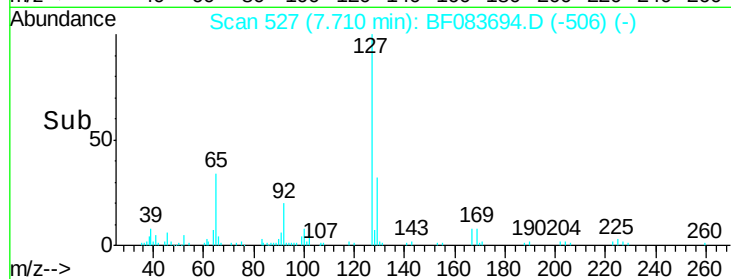
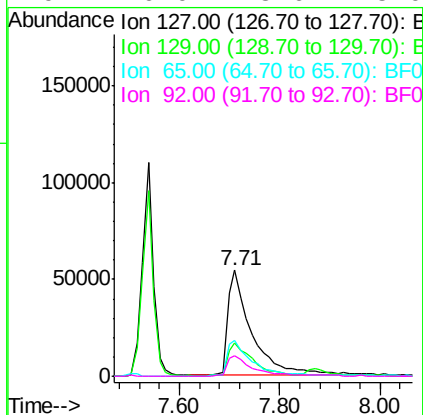
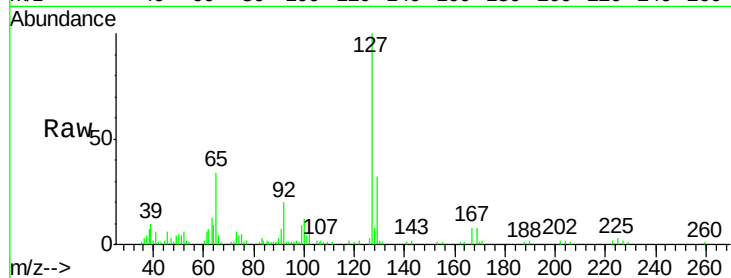
#33
4-Chloroaniline
Concen: 16.32 ng
RT: 7.71 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.1	39.1		
65	34.2	33.5	50.3		
92	20.0	18.6	28.0		

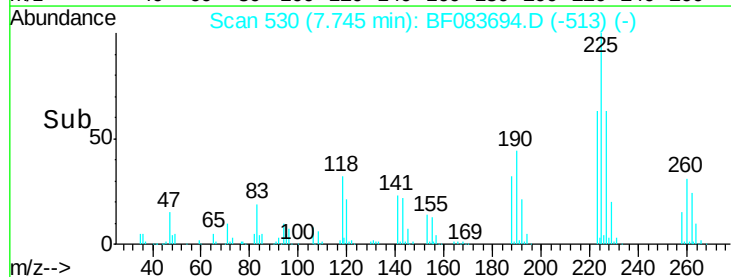
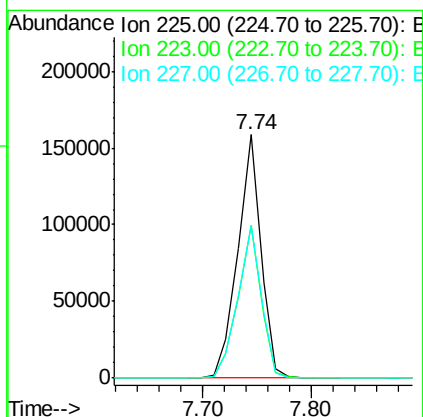
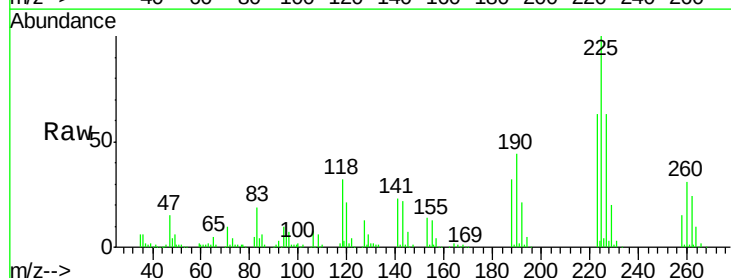
Manual Integrations
APPROVED

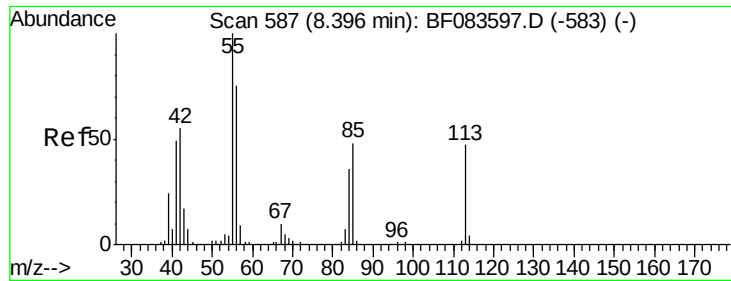
MMdadoda
12/11/2015 6:01:47 PM



#34
Hexachlorobutadiene
Concen: 42.33 ng
RT: 7.74 min Scan# 530
Delta R.T. -0.10 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	52.3	78.5		
227	62.6	50.4	75.6		





#35

Caprolactam

Concen: 46.89 ng/mL

RT: 8.29 min Scan# 578

Delta R.T. -0.10 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

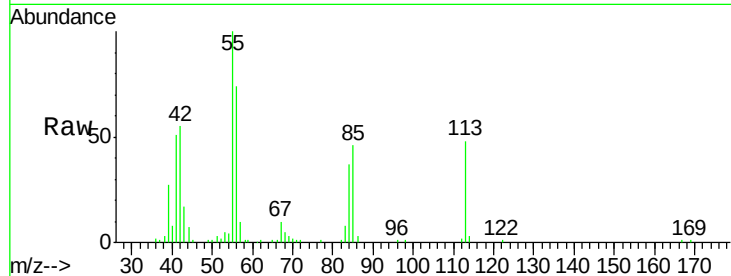
ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:	113	Resp:	119947
Ion Ratio	Lower	Upper	
113	100		
55	209.1	189.7	229.7
56	155.4	130.7	170.7

Manual Integrations
APPROVED

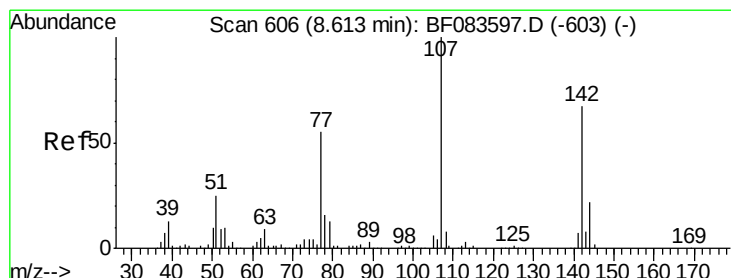
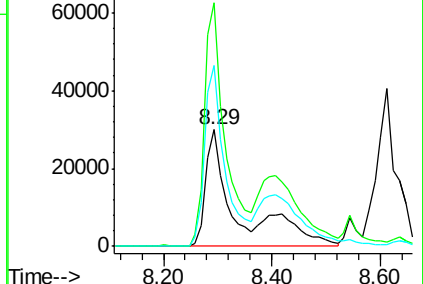
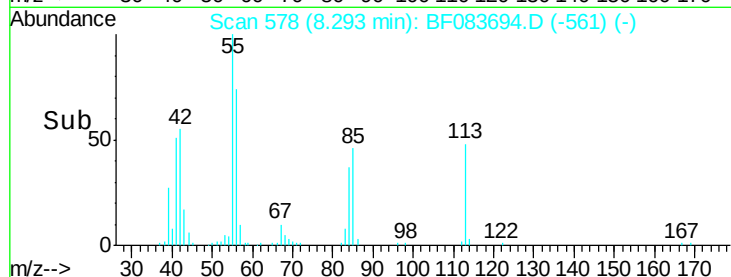
MMdadoda
12/11/2015 6:01:47 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.53 ng/mL

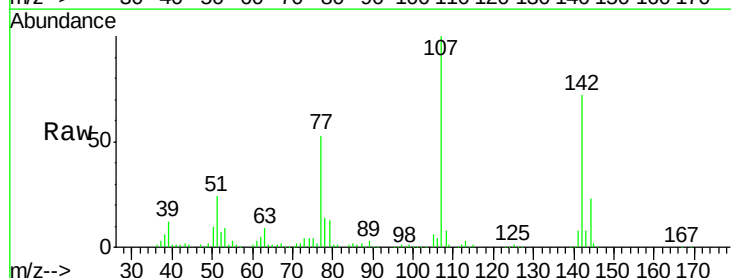
RT: 8.54 min Scan# 600

Delta R.T. -0.07 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

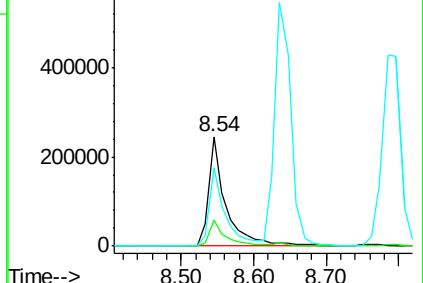
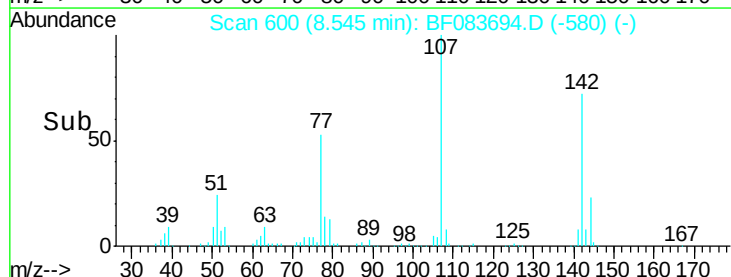
Tgt Ion:	107	Resp:	407198
Ion Ratio	Lower	Upper	
107	100		
144	23.4	17.5	26.3
142	71.8	53.6	80.4

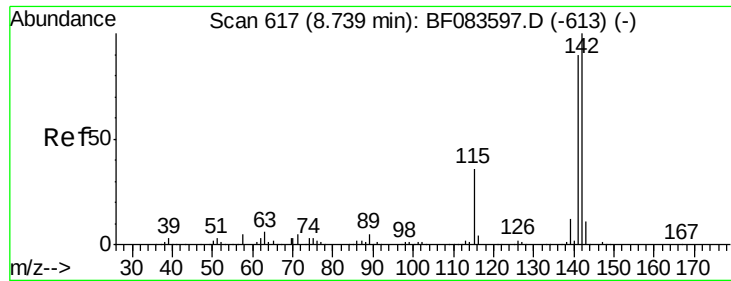


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





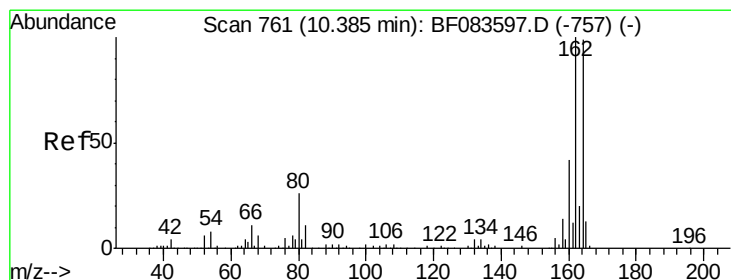
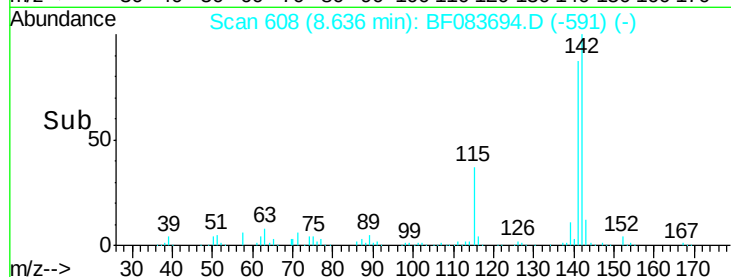
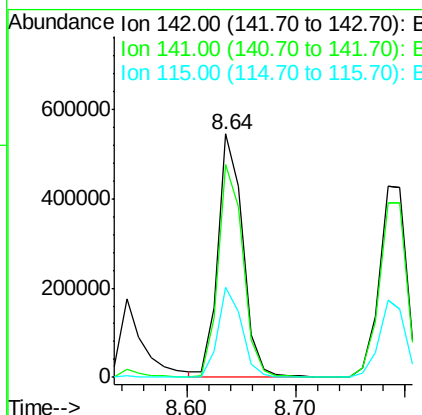
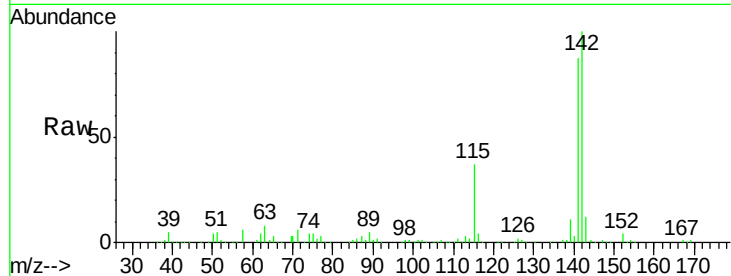
#37
2-Methylnaphthalene
Concen: 46.13 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.10 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.3	105.5
115	37.0	29.2	43.8

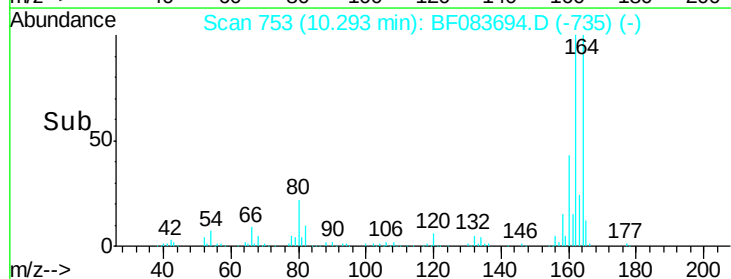
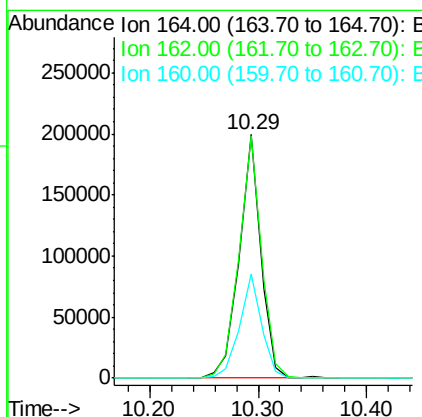
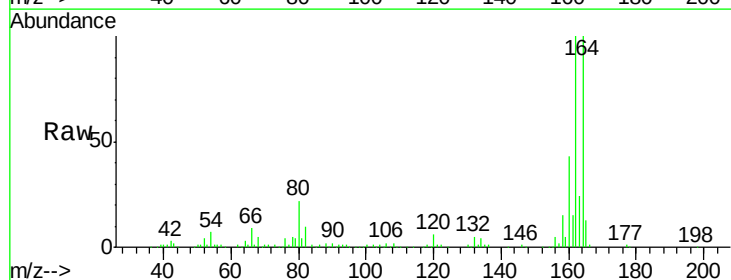
Manual Integrations
APPROVED

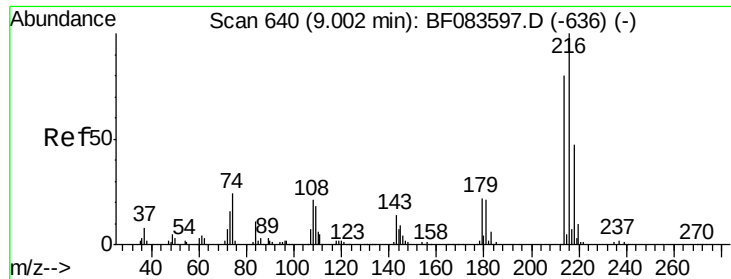
MMdadoda
12/11/2015 6:01:47 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.8	118.2
160	42.6	33.4	50.2





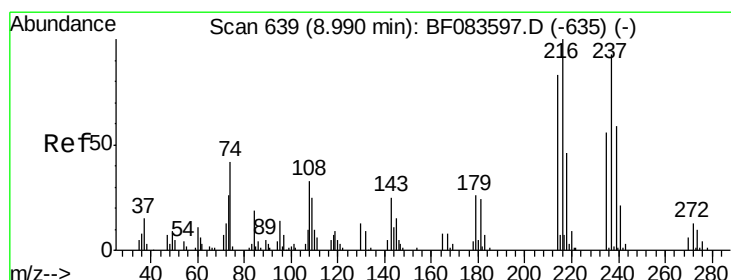
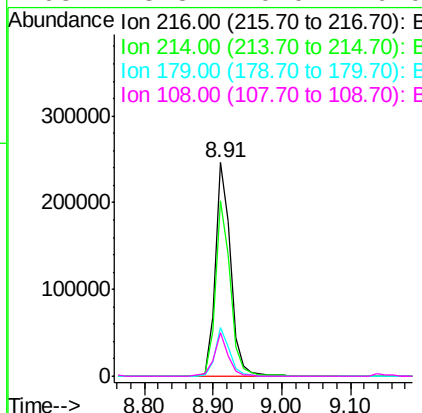
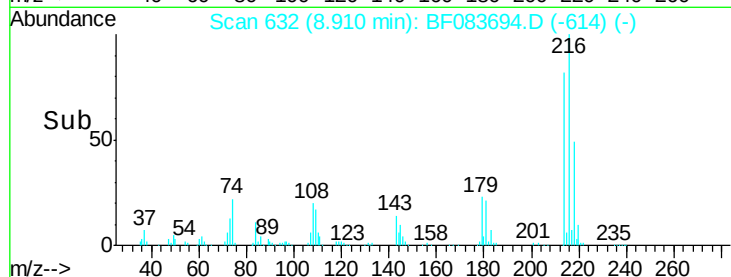
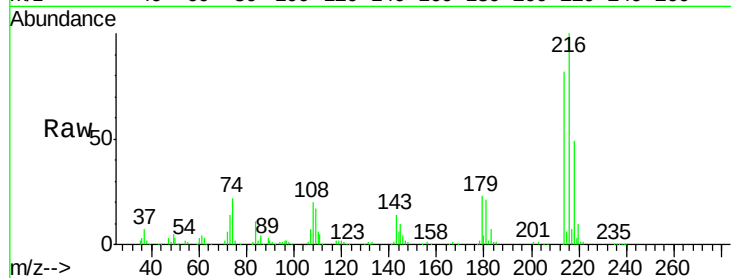
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.34 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.09 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.9	0.0	0.0		
179	21.3	0.0	0.0		
108	18.8	0.0	0.0		

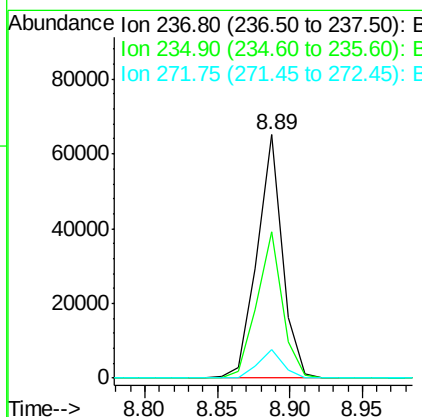
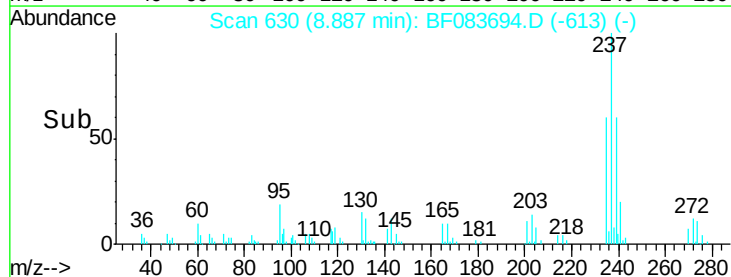
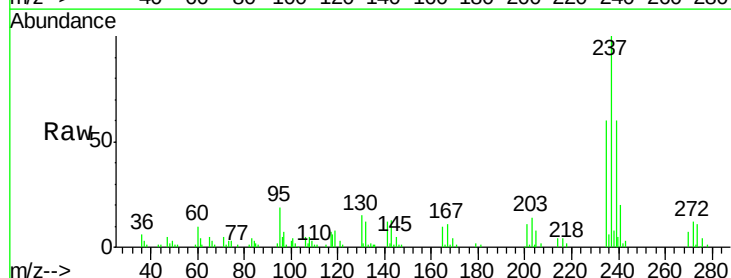
Manual Integrations
 APPROVED

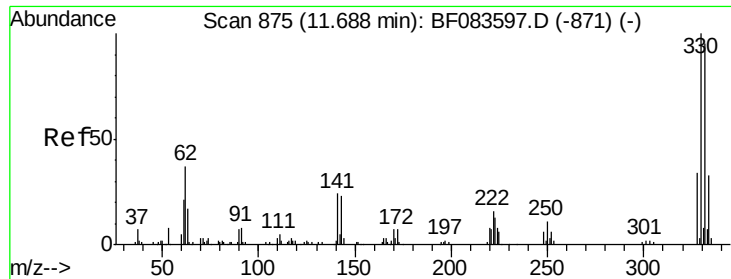
MMdadoda
 12/11/2015 6:01:47 PM



#40
 Hexachlorocyclopentadiene
 Concen: 52.29 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.10 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	60.2	43.9	83.9		
272	11.9	0.0	31.8		





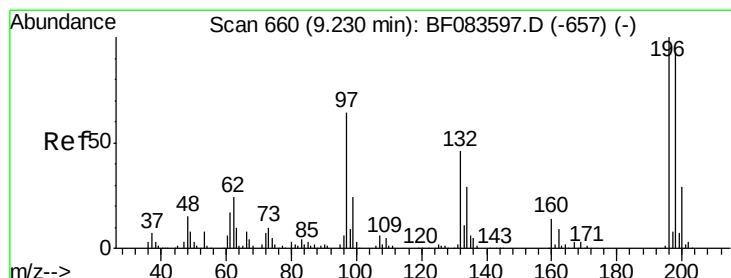
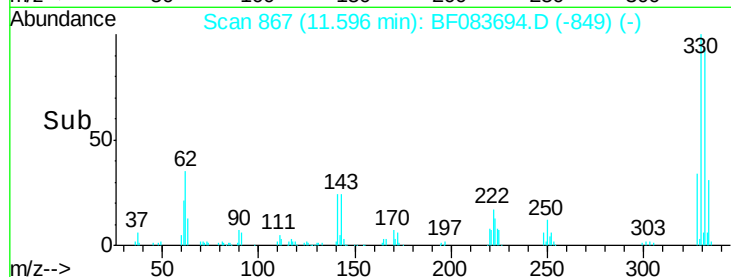
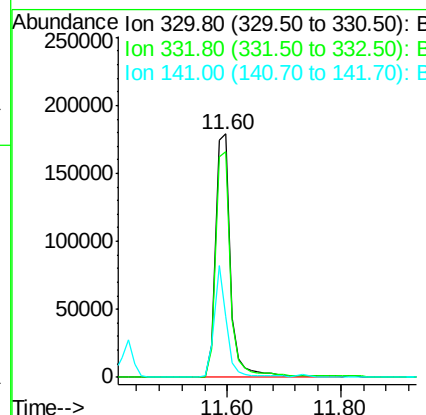
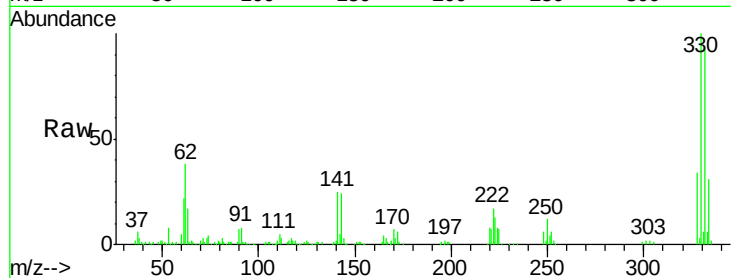
#41
 2,4,6-Tribromophenol
 Concen: 133.32 ng
 RT: 11.60 min Scan# 867
 Delta R.T. -0.09 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	323294		
332	93.0	0.0	0.0	0.0
141	37.5	0.0	0.0	0.0

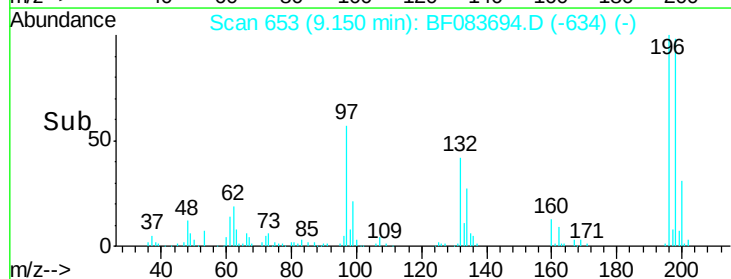
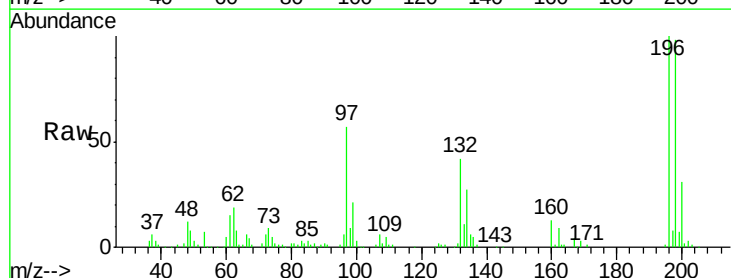
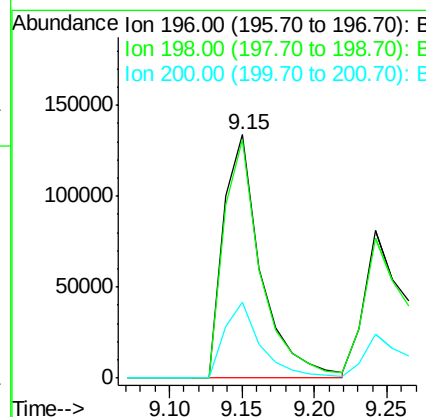
Manual Integrations
 APPROVED

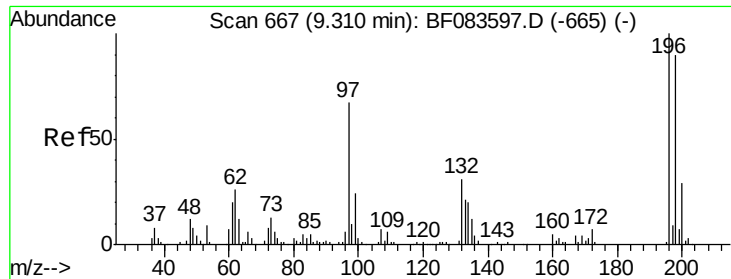
MMdadoda
 12/11/2015 6:01:47 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.14 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.08 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	239996		
198	97.9	75.2	112.8	
200	31.0	23.0	34.6	





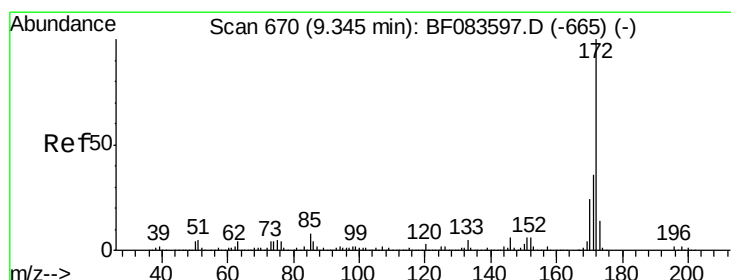
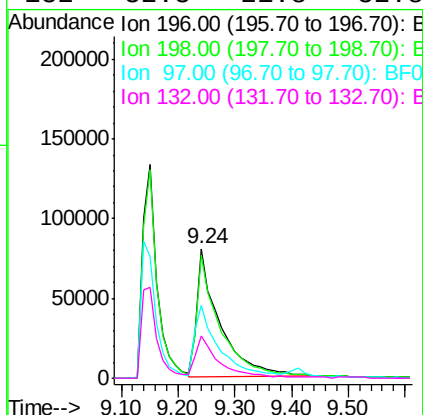
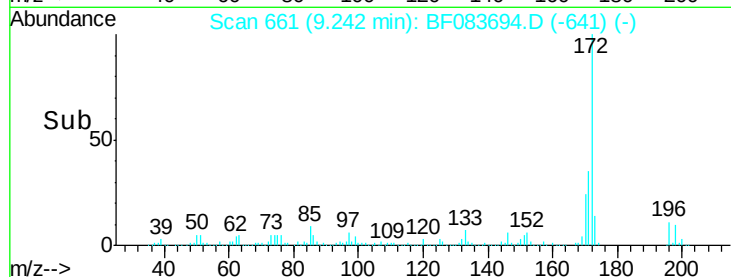
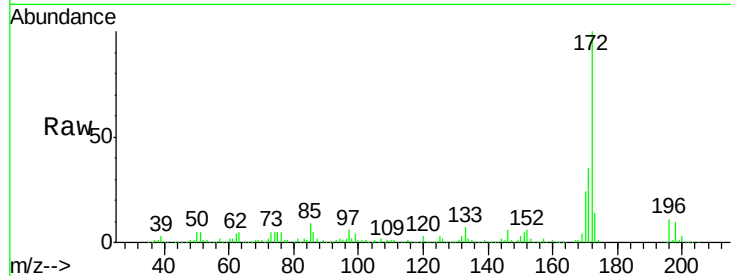
#43
 2,4,5-Trichlorophenol
 Concen: 42.20 ng
 RT: 9.24 min Scan# 661
 Delta R.T. -0.07 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		222159		
198	95.2	77.7	116.5		
97	56.9	41.2	61.8		
132	32.3	21.8	32.8		

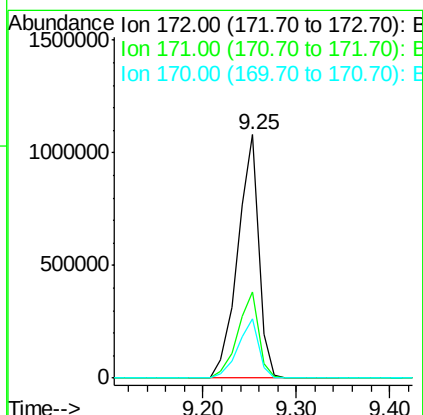
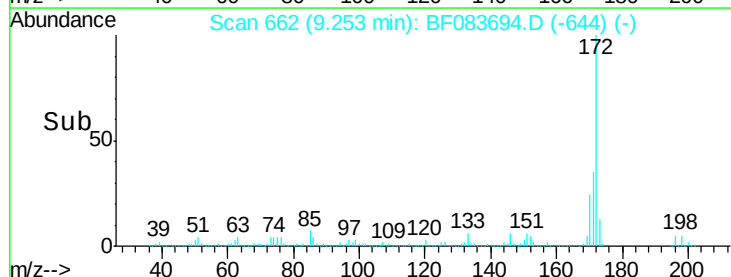
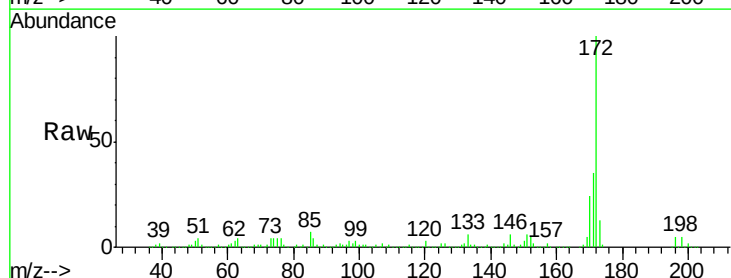
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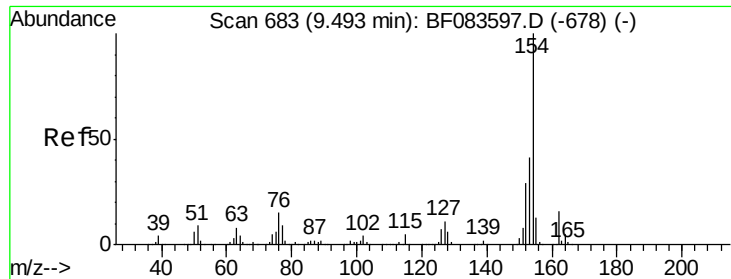
MMdadoda
 12/11/2015 6:01:47 PM



#44
 2-Fluorobiphenyl
 Concen: 87.78 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.09 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1697549		
171	35.4	28.6	42.8		
170	24.2	19.4	29.0		





#45

1,1'-Biphenyl

Concen: 43.09 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:154 Resp: 1019409

Ion Ratio Lower Upper

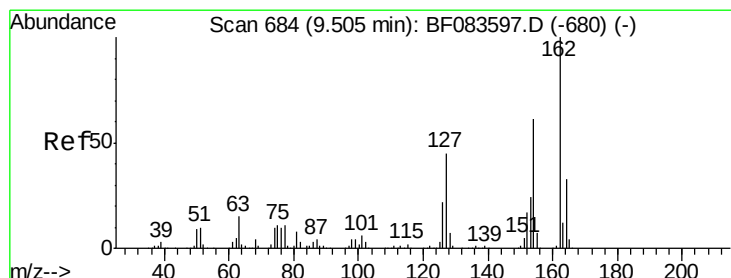
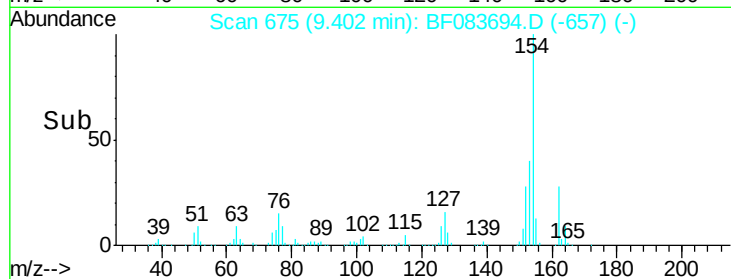
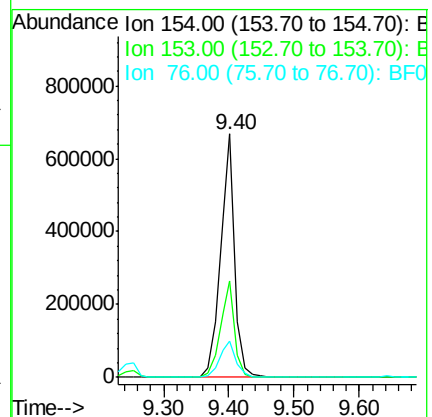
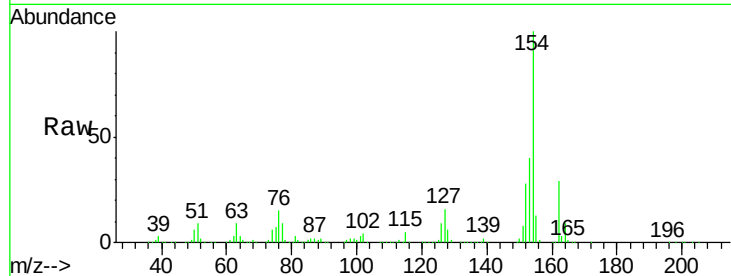
154 100

153 39.5 20.2 60.2

76 14.7 0.0 34.8

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#46

2-Chloronaphthalene

Concen: 43.10 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

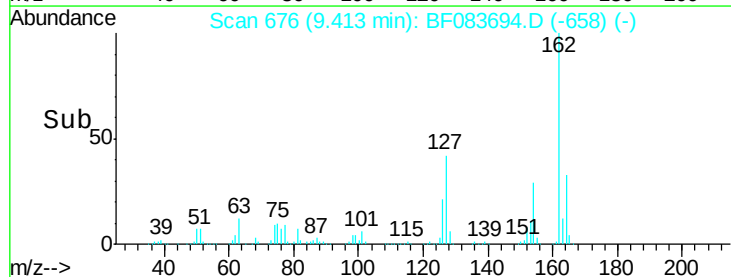
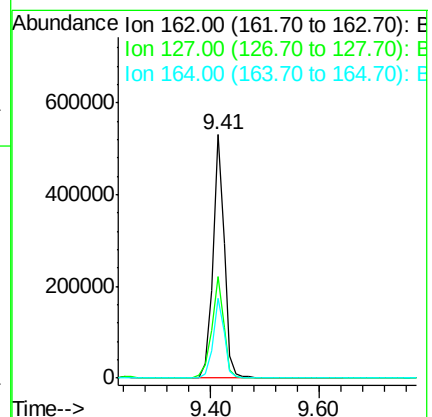
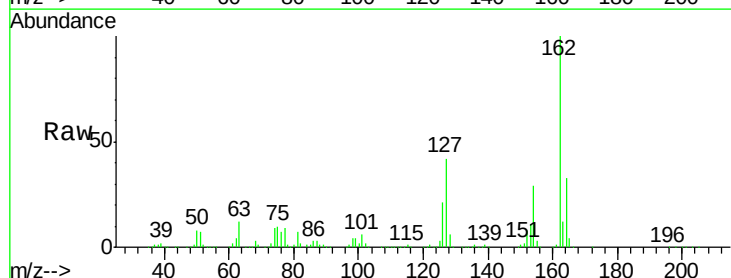
Tgt Ion:162 Resp: 769894

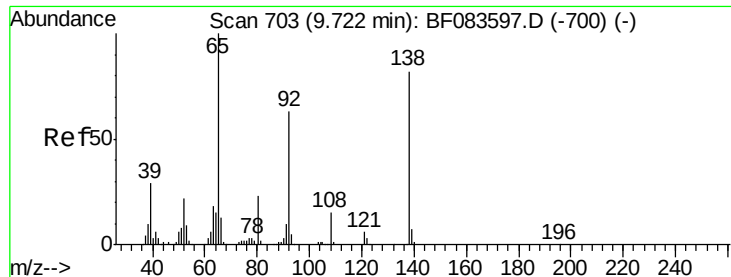
Ion Ratio Lower Upper

162 100

127 41.7 31.0 46.4

164 32.7 27.4 41.0





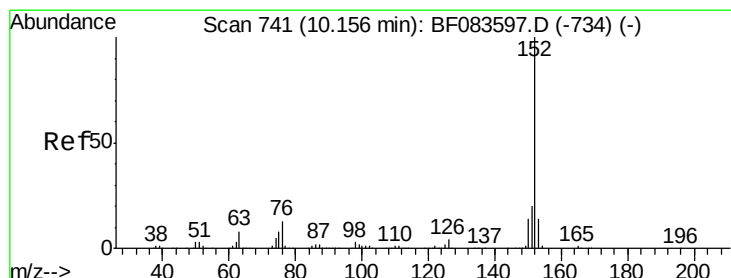
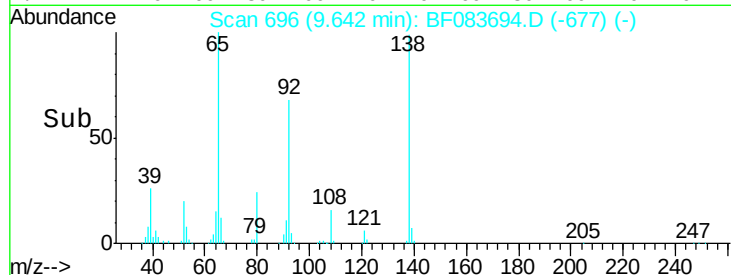
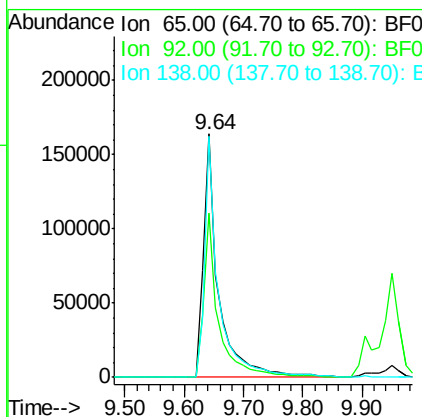
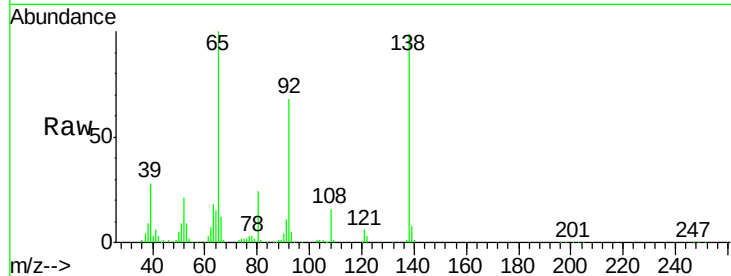
#47
 2-Nitroaniline
 Concen: 46.02 ng
 RT: 9.64 min Scan# 696
 Delta R.T. -0.08 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.5	49.6	74.4
138	98.8	64.1	96.1

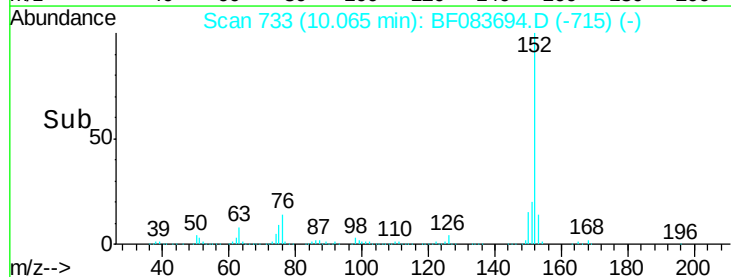
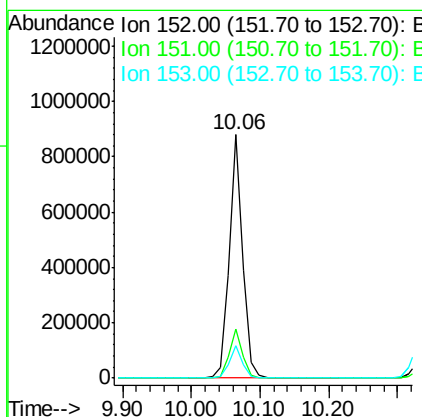
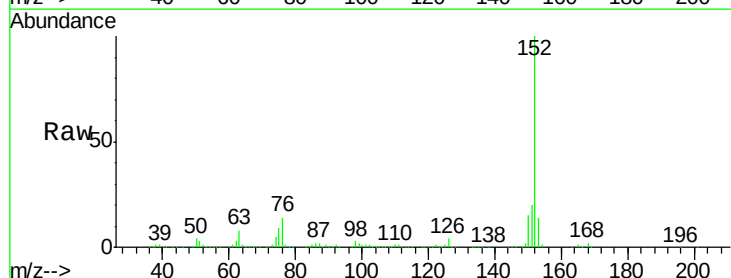
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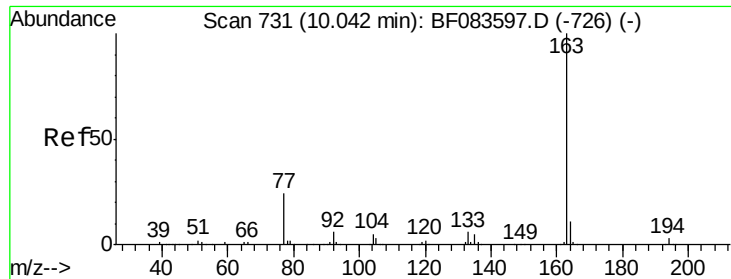
MMdadoda
 12/11/2015 6:01:47 PM



#48
 Acenaphthylene
 Concen: 41.15 ng
 RT: 10.06 min Scan# 733
 Delta R.T. -0.09 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.5	10.8	16.2





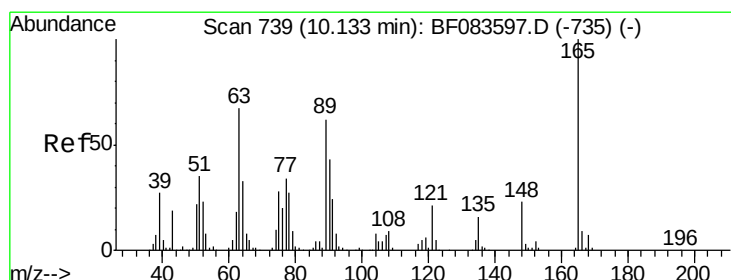
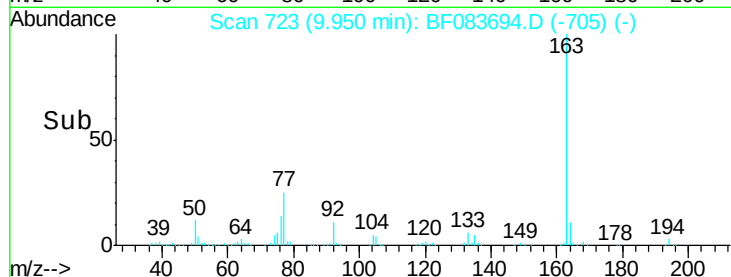
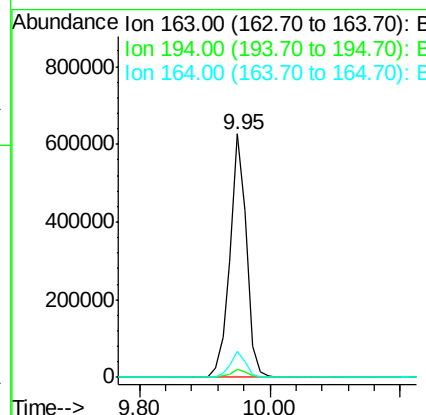
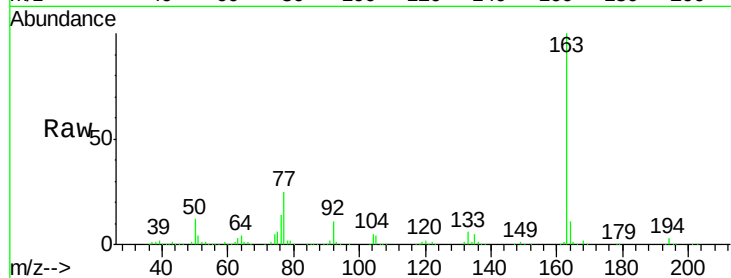
#49
Dimethylphthalate
Concen: 50.04 ng
RT: 9.95 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.7	8.6	13.0

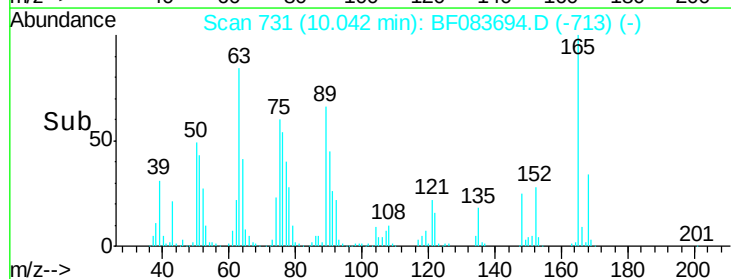
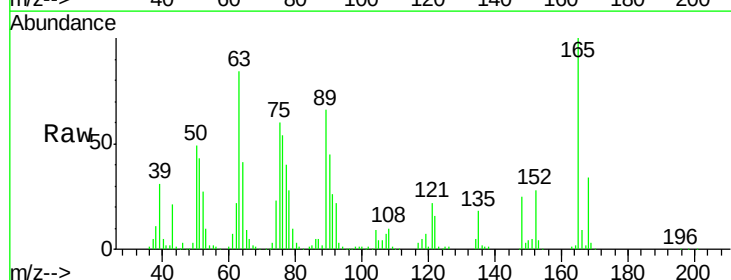
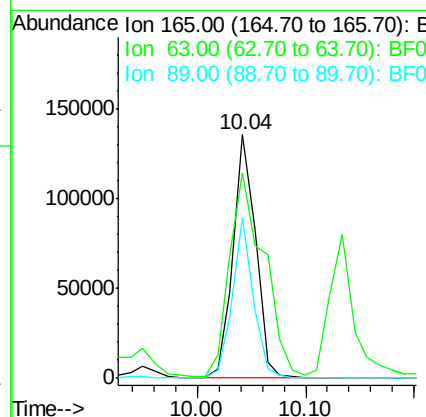
Manual Integrations
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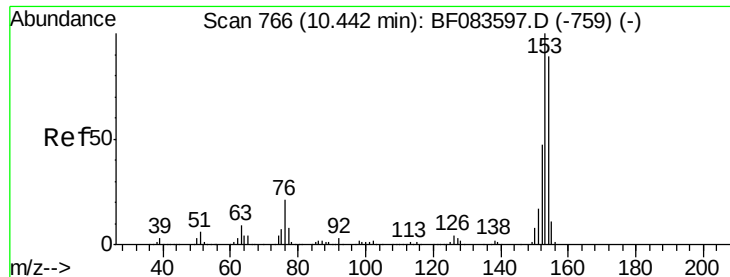
MMdadoda
12/11/2015 6:01:47 PM



#50
2,6-Dinitrotoluene
Concen: 43.26 ng
RT: 10.04 min Scan# 731
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	84.3	56.9	85.3
89	66.1	52.1	78.1





#51

Acenaphthene

Concen: 42.54 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

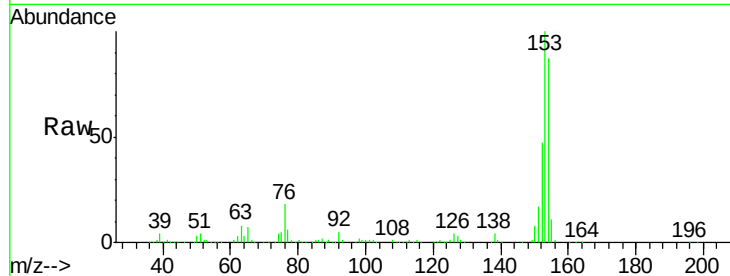
ClientSampleId :

CWC-MISC-8-20151207MS

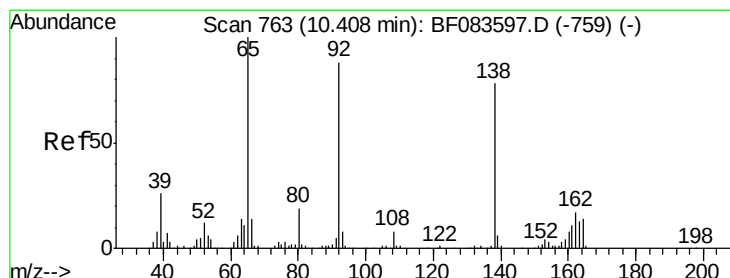
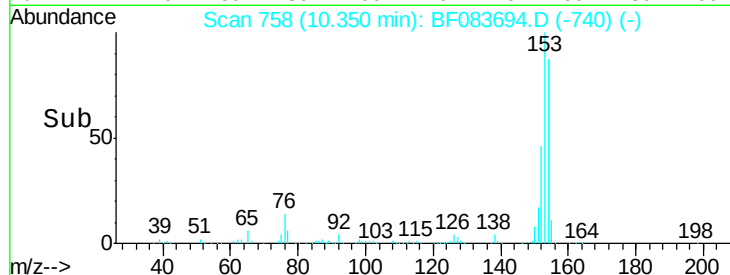
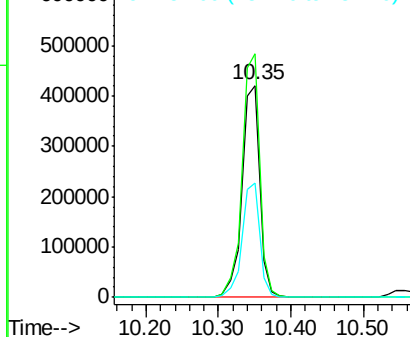
Tot Ion:	154	Resp:	717275
Ion Ratio	Lower	Upper	
154	100		
153	115.0	91.4	137.0
152	53.8	43.4	65.2

Manual Integrations
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MMdadoda
12/11/2015 6:01:47 PM



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



#52

3-Nitroaniline

Concen: 25.40 ng

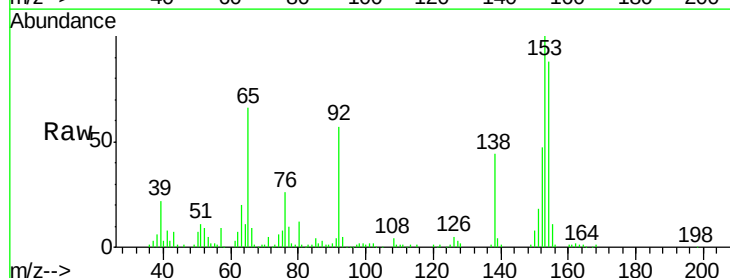
RT: 10.33 min Scan# 756

Delta R.T. -0.08 min

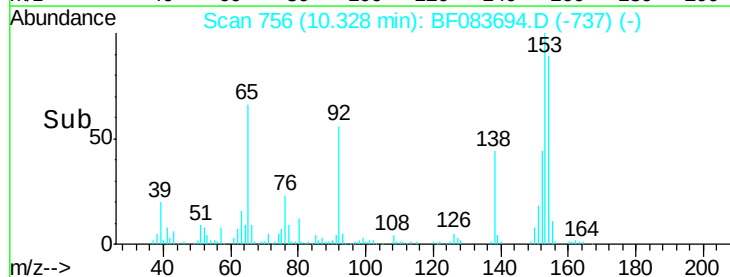
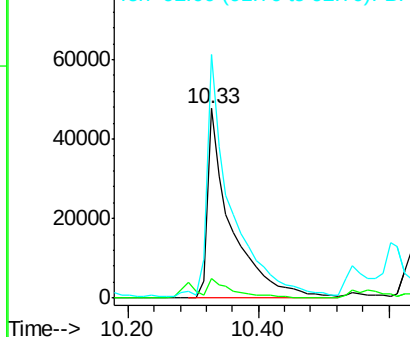
Lab File: BF083694.D

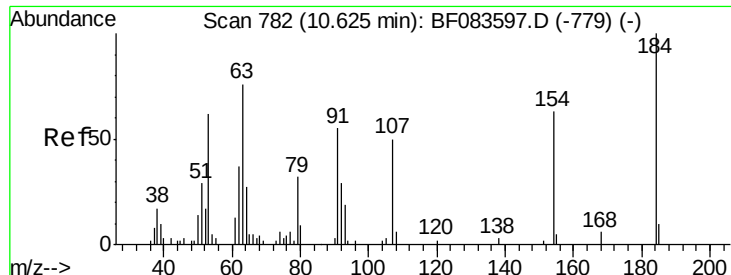
Acq: 11 Dec 2015 00:03

Tgt Ion:	138	Resp:	120770
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.9	14.9
92	128.6	113.8	170.8



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): BF0





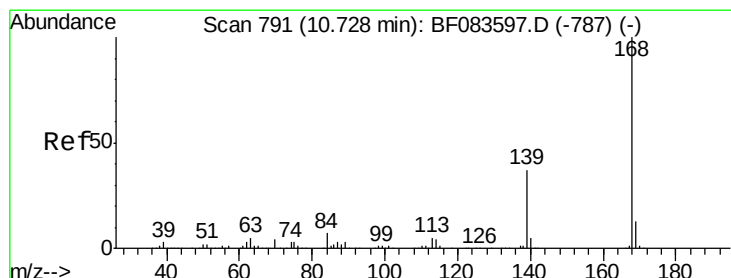
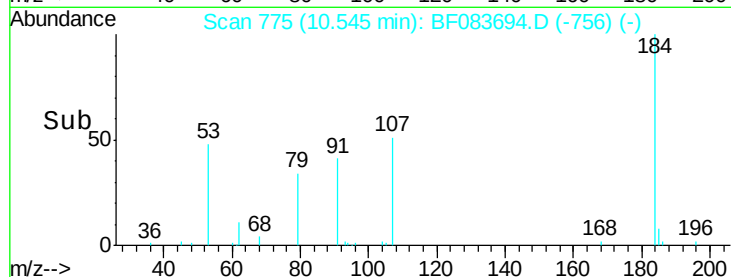
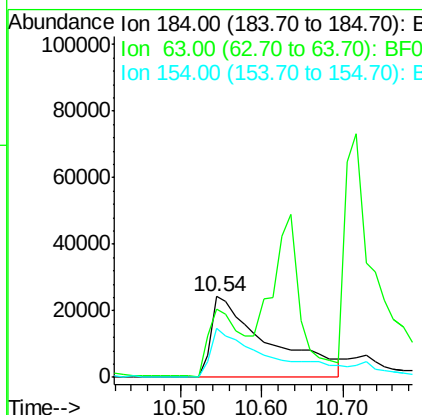
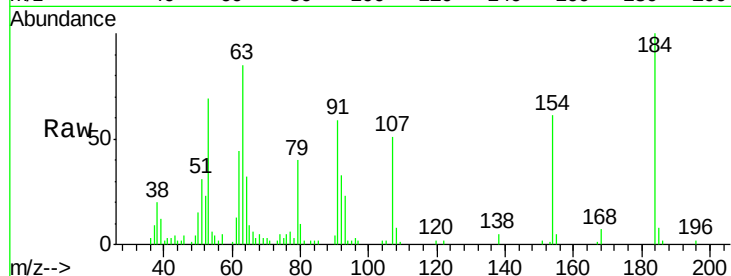
#53
2,4-Dinitrophenol
Concen: 55.33 ng
RT: 10.54 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	118369		
63	84.7	62.4	93.6	
154	60.9	46.6	69.8	

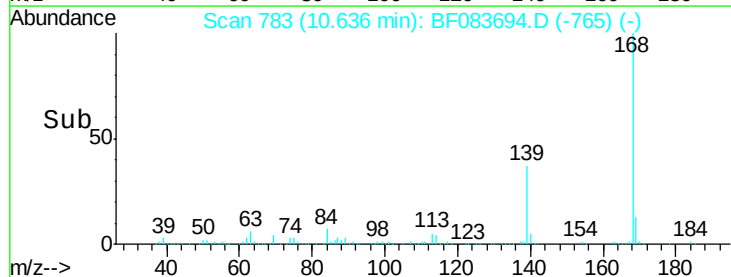
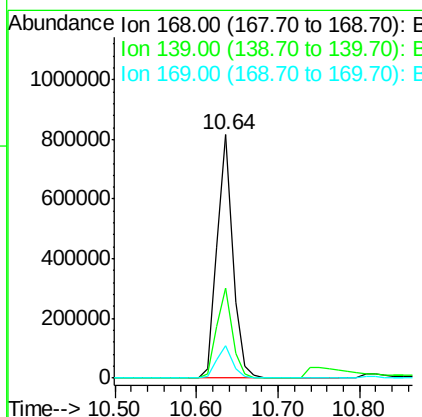
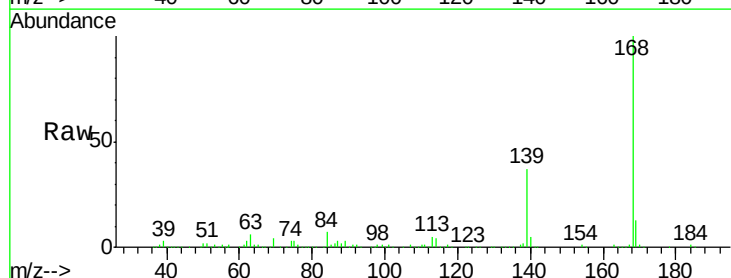
Manual Integrations
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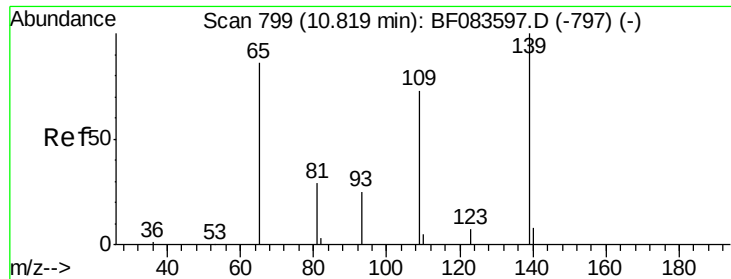
MMdadoda
12/11/2015 6:01:47 PM



#54
Dibenzofuran
Concen: 46.73 ng
RT: 10.64 min Scan# 783
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1092689		
139	37.0	28.0	42.0	
169	13.3	10.8	16.2	





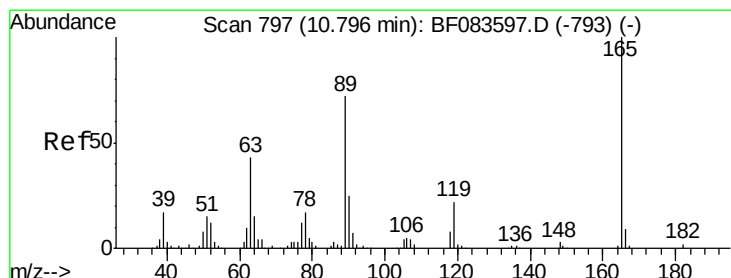
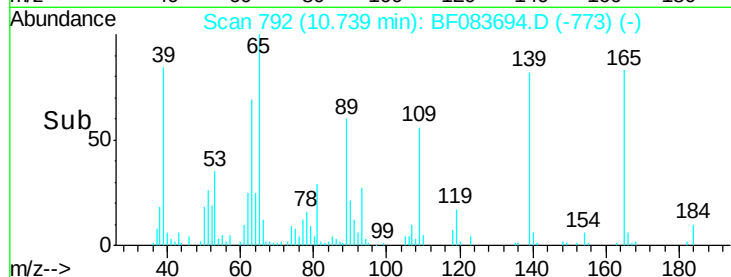
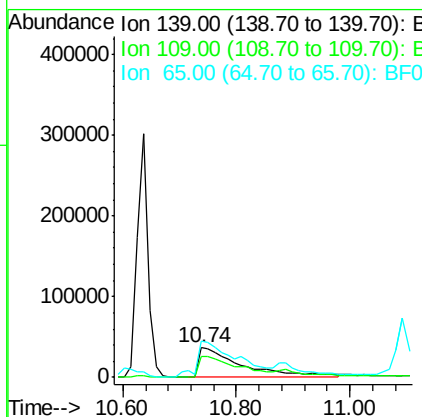
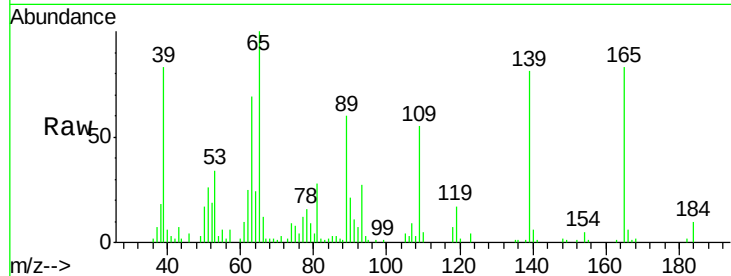
#55
4-Nitrophenol
Concen: 88.79 ng
RT: 10.74 min Scan# 792
Delta R.T. -0.08 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	185849		
109	68.3	42.0	82.0	
65	123.5	89.2	129.2	

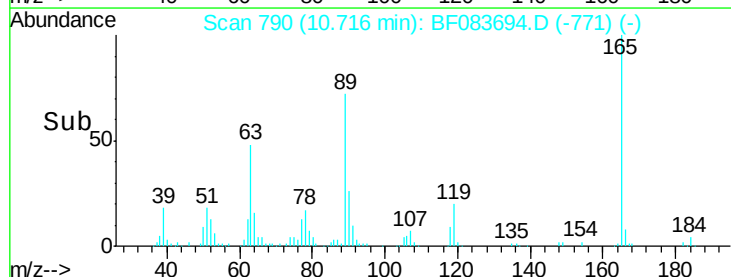
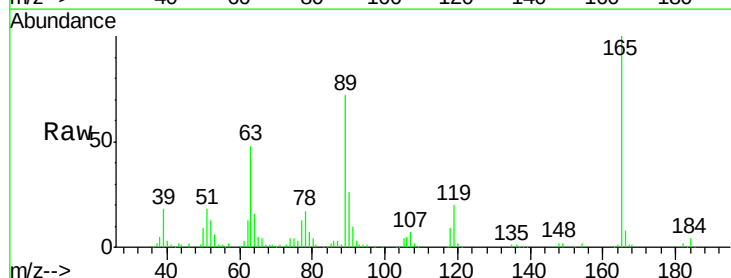
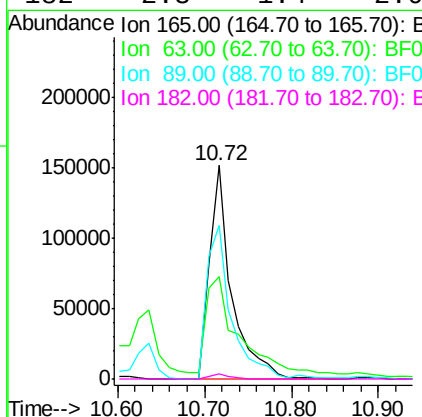
Manual Integrations
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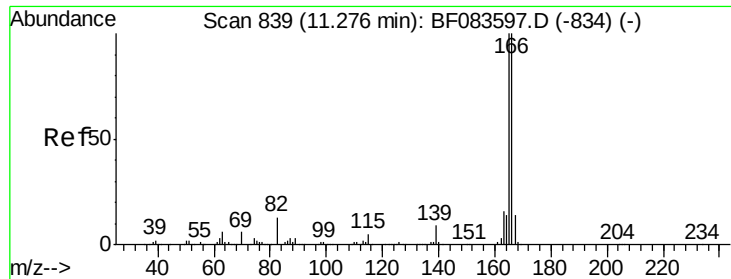
MMdadoda
12/11/2015 6:01:47 PM



#56
2,4-Dinitrotoluene
Concen: 45.62 ng
RT: 10.72 min Scan# 790
Delta R.T. -0.08 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	270681		
63	48.3	51.4	77.2#	
89	72.1	72.6	108.8#	
182	2.3	1.4	2.0#	





#57

Fluorene

Concen: 42.11 ng

RT: 11.18 min Scan# 831

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

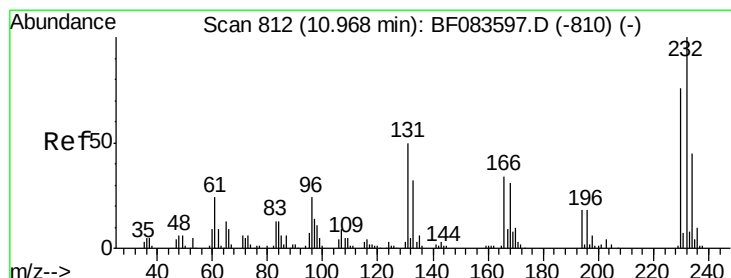
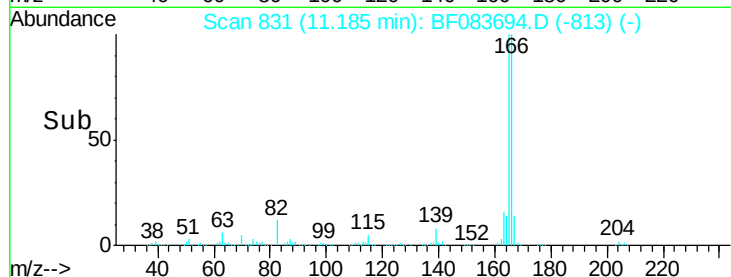
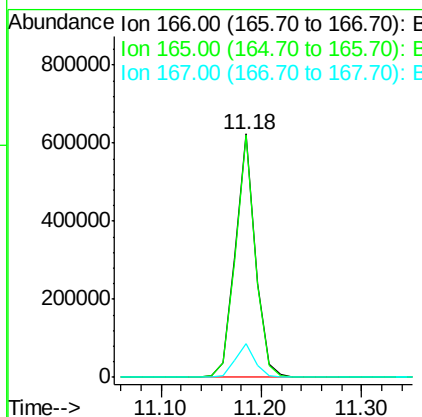
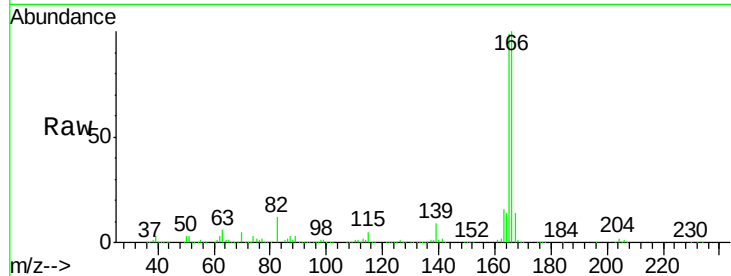
ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	859331		
165	99.3	80.0	120.0	
167	13.7	10.6	16.0	

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MMdadoda
12/11/2015 6:01:47 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.82 ng

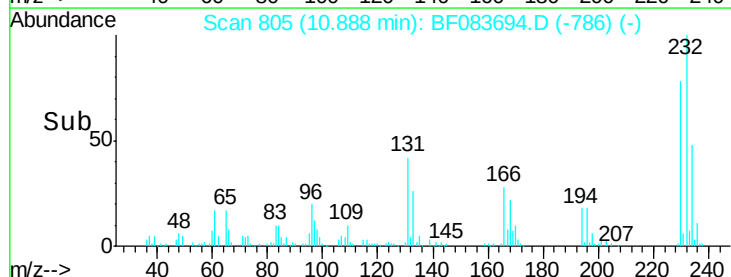
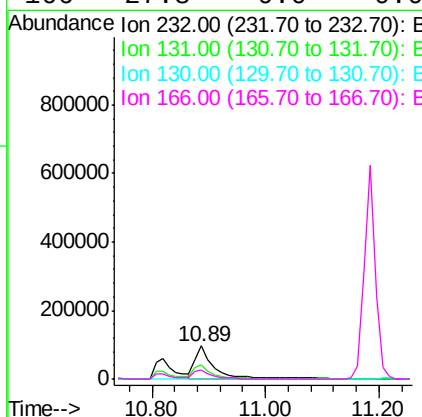
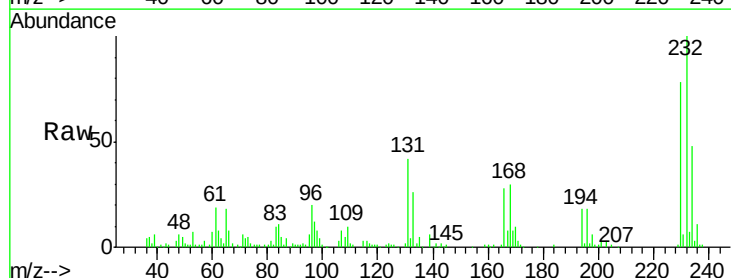
RT: 10.89 min Scan# 805

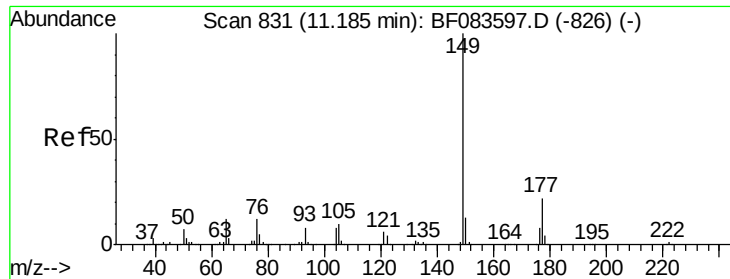
Delta R.T. -0.08 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	207109		
131	44.7	0.0	0.0#	
130	2.0	0.0	0.0#	
166	27.8	0.0	0.0#	





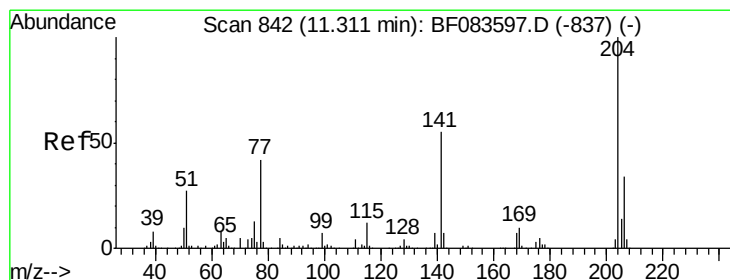
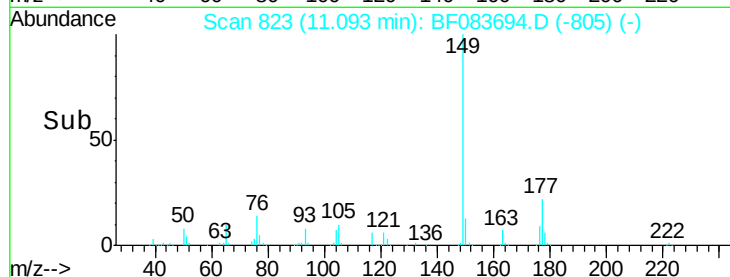
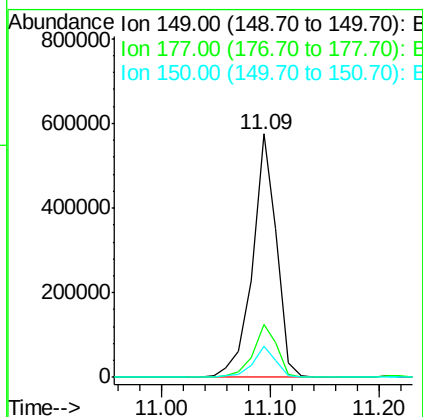
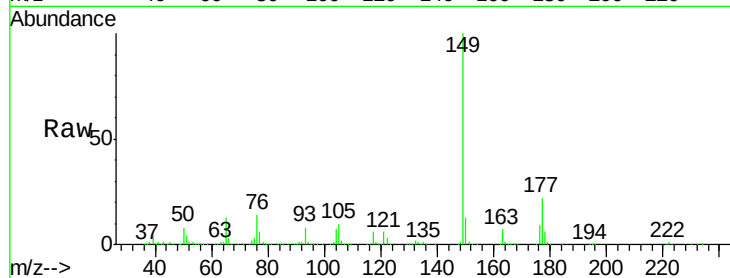
#59
Diethylphthalate
Concen: 41.73 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	879019		
177	21.6		16.9	25.3
150	12.9		10.2	15.4

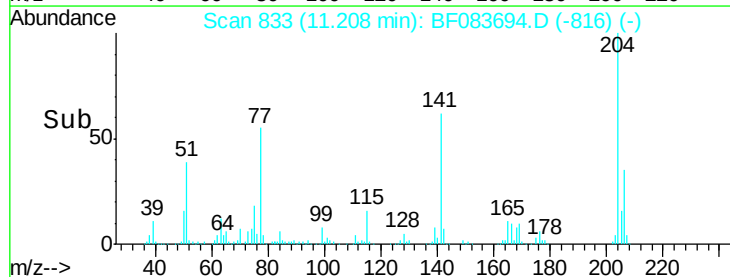
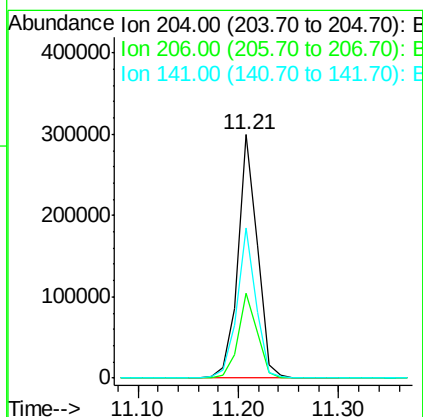
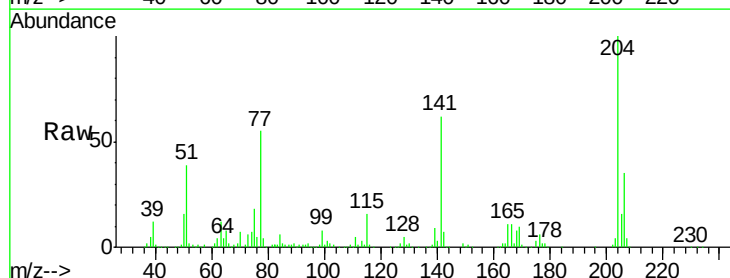
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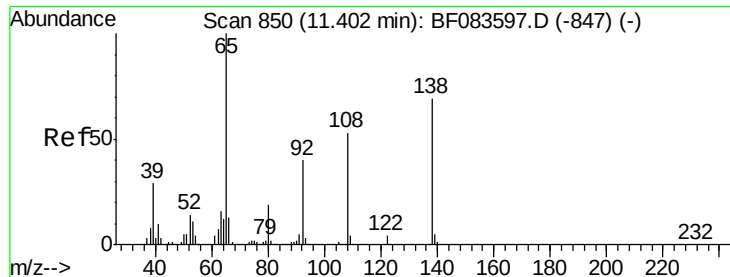
MMdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 41.30 ng
RT: 11.21 min Scan# 833
Delta R.T. -0.10 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	401233		
206	34.6		27.3	40.9
141	61.6		51.9	77.9





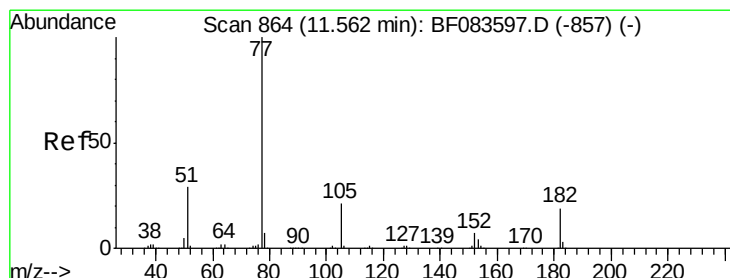
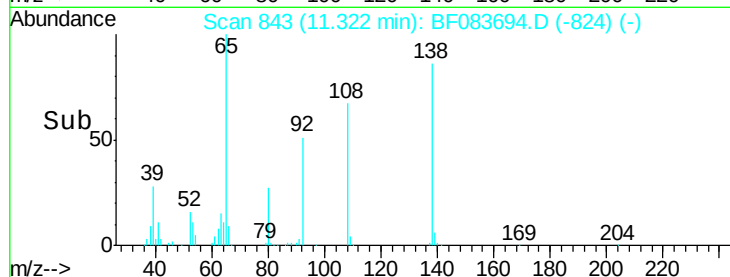
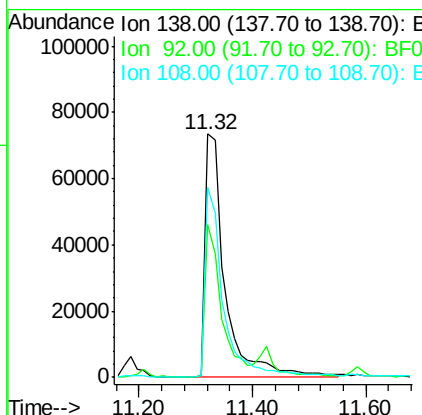
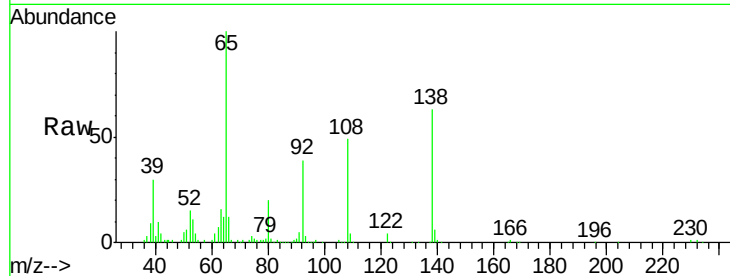
#61
4-Nitroaniline
Concen: 40.25 ng
RT: 11.32 min Scan# 843
Delta R.T. -0.08 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.8	29.0	69.0
108	78.2	47.4	87.4

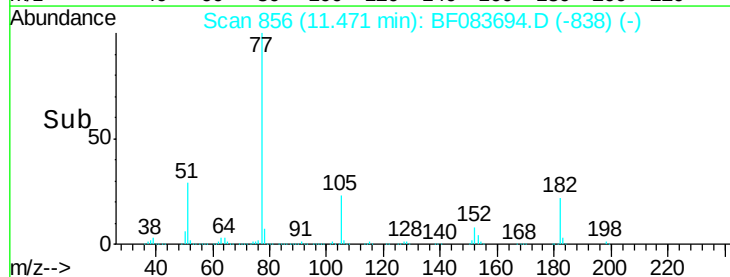
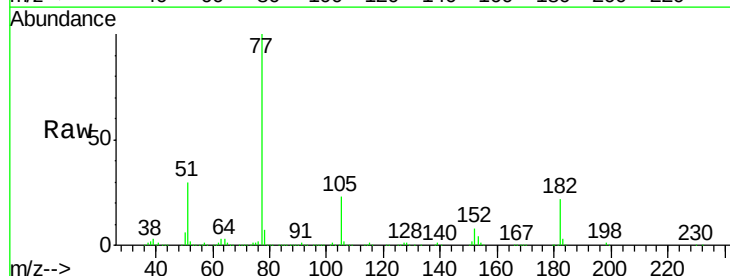
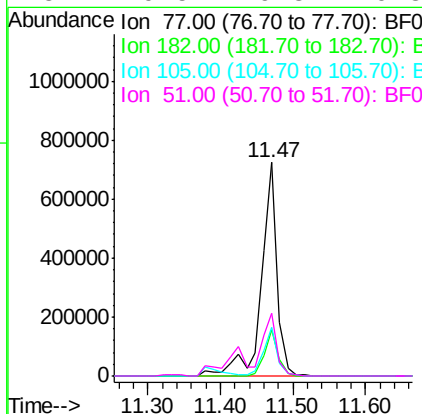
Manual Integrations
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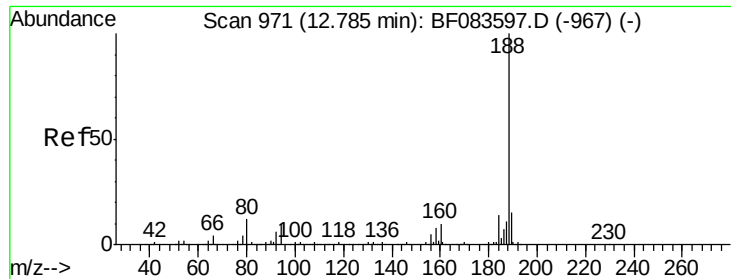
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#62
Azobenzene
Concen: 48.33 ng
RT: 11.47 min Scan# 856
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.8	2.5	42.5
105	22.7	2.1	42.1
51	29.5	9.3	49.3





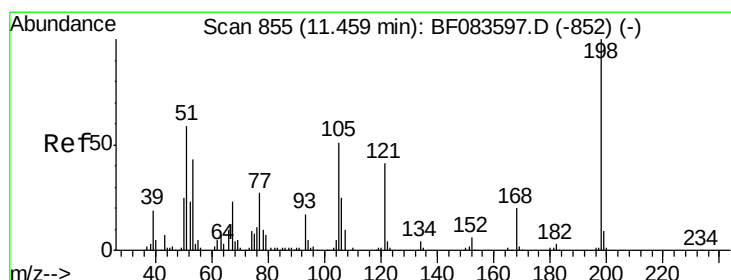
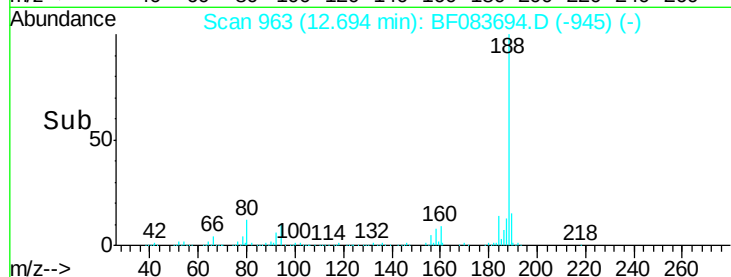
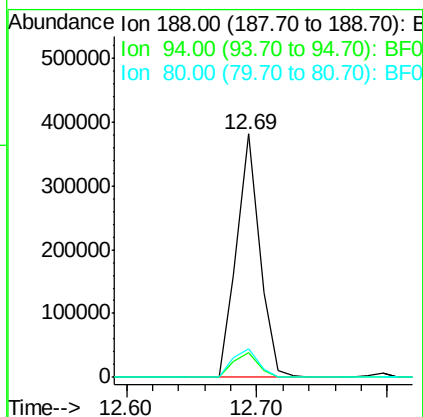
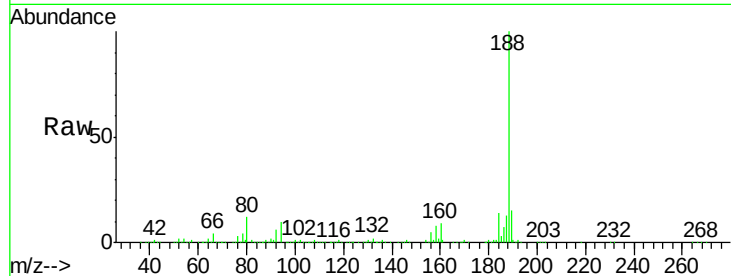
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 963
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	474029		
94	10.1		9.4	14.2
80	11.8		10.6	16.0

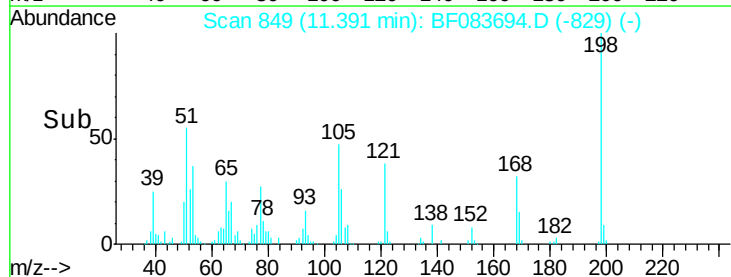
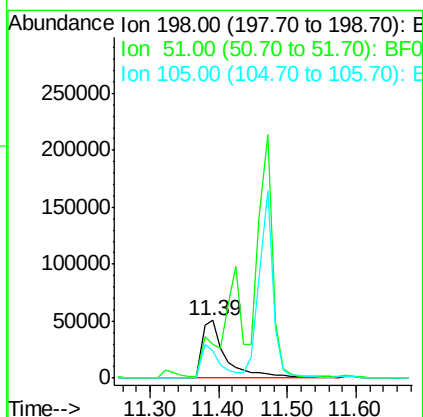
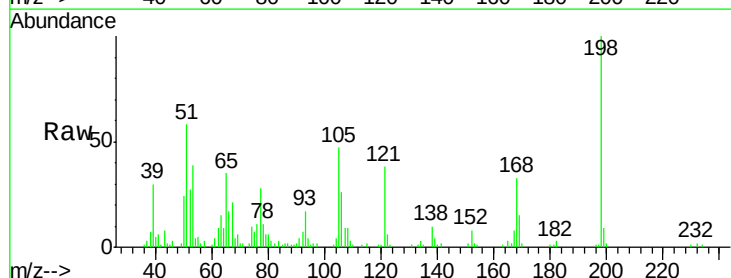
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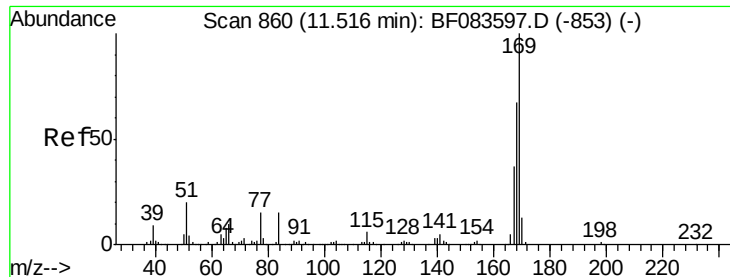
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.17 ng
RT: 11.39 min Scan# 849
Delta R.T. -0.07 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	125292		
51	58.2		53.8	93.8
105	47.3		38.6	78.6





#65

n-Nitrosodiphenylamine

Concen: 46.57 ng

RT: 11.42 min Scan# 852

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

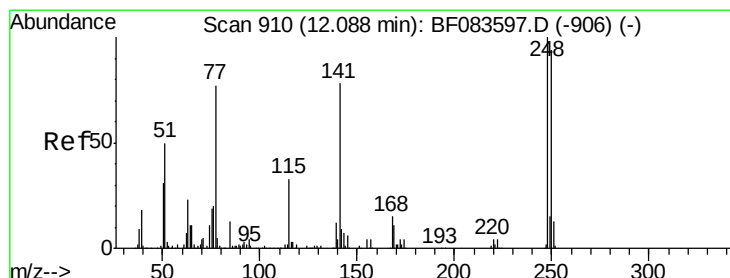
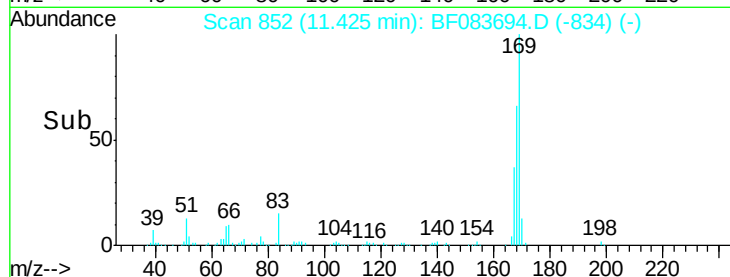
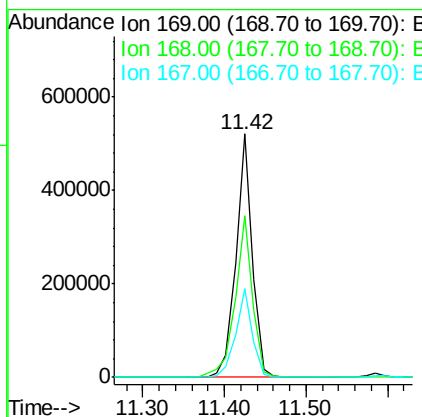
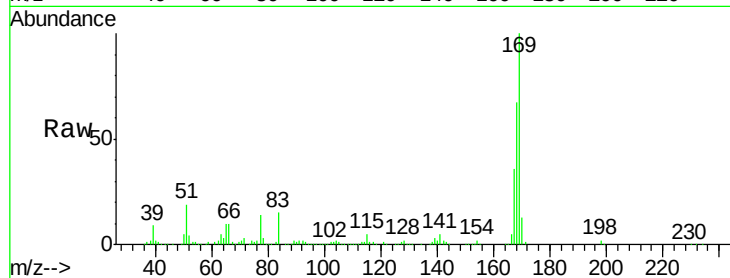
ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:	169	Resp:	728563
Ion Ratio	Lower	Upper	
169	100		
168	66.6	53.0	79.6
167	36.4	29.3	43.9

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#66

4-Bromophenyl-phenylether

Concen: 44.21 ng

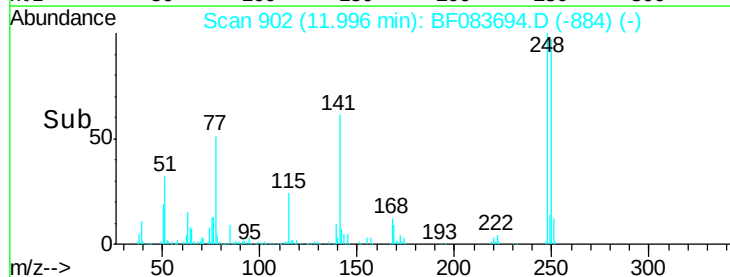
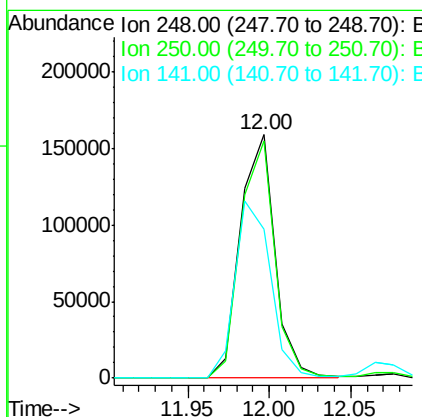
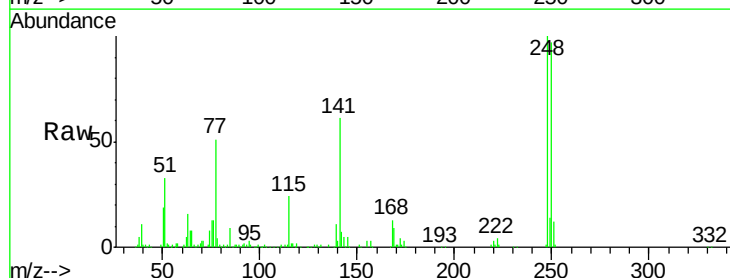
RT: 12.00 min Scan# 902

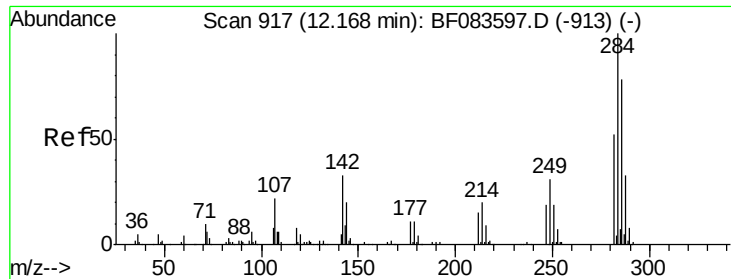
Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Tgt Ion:	248	Resp:	233772
Ion Ratio	Lower	Upper	
248	100		
250	97.4	79.2	118.8
141	61.4	58.2	87.4





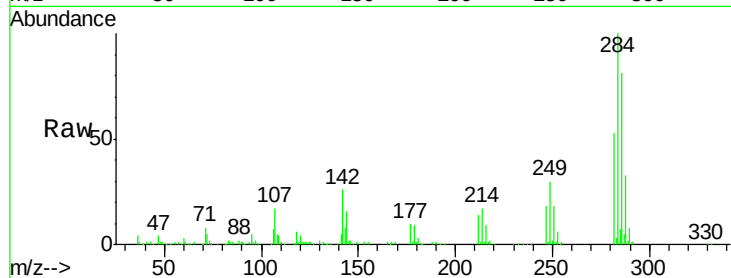
#67
Hexachlorobenzene
Concen: 44.73 ng
RT: 12.08 min Scan# 909
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

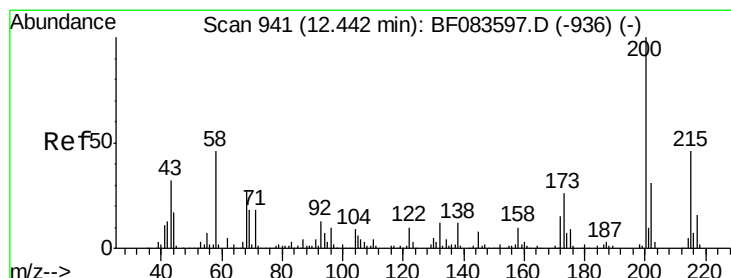
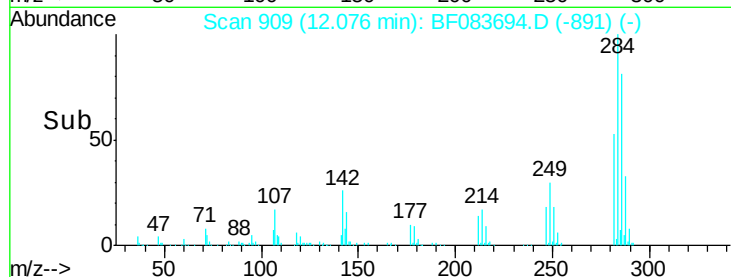
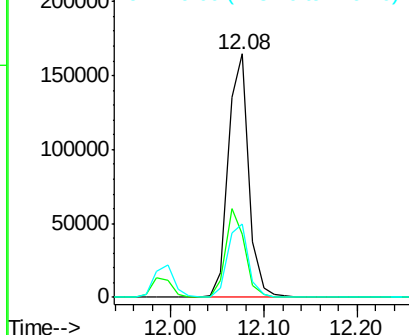
Tot Ion	Ratio	Resp	Lower	Upper
284	100	250867		
142	25.8	31.0	46.4	#
249	30.0	26.9	40.3	

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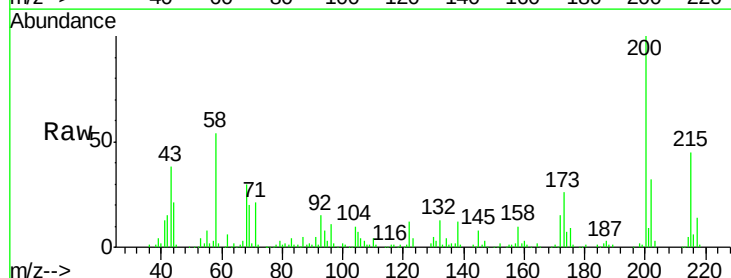


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

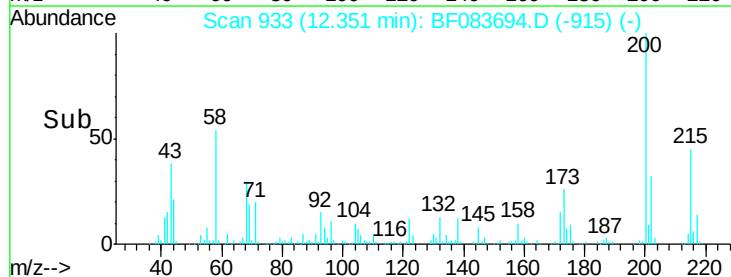
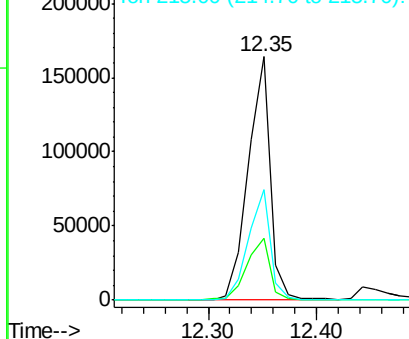


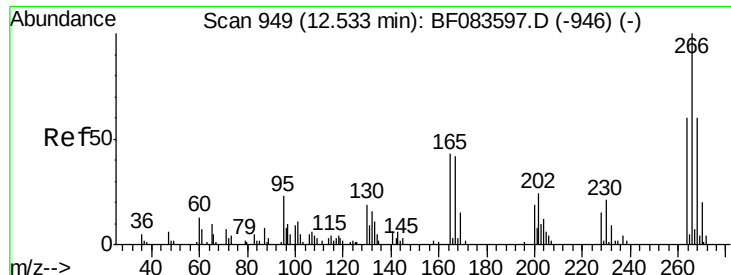
#68
Atrazine
Concen: 50.00 ng
RT: 12.35 min Scan# 933
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	232715		
173	25.5	7.8	47.8	
215	45.5	25.7	65.7	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





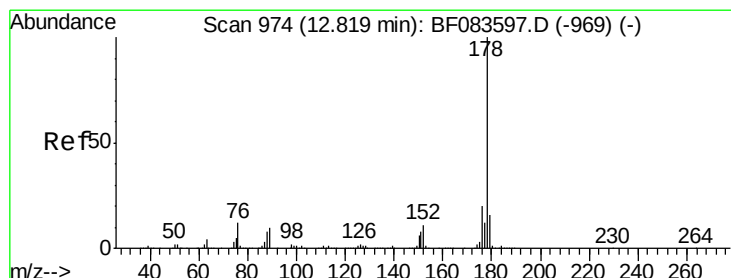
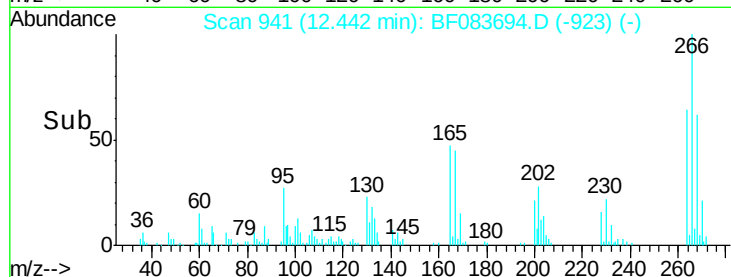
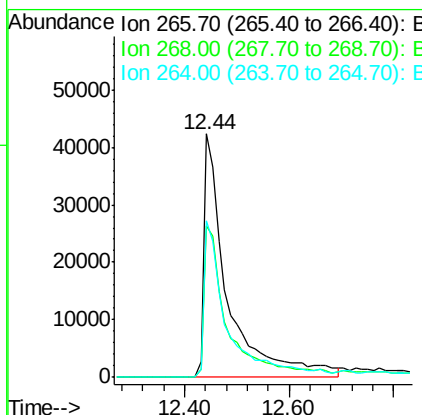
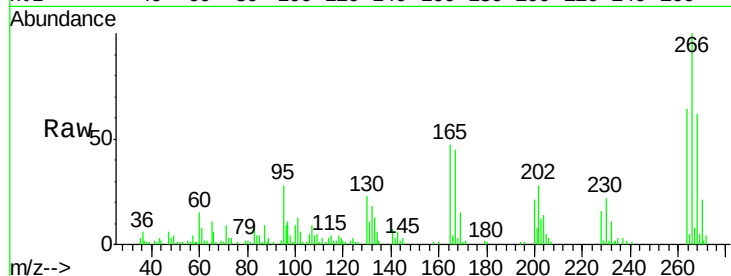
#69
 Pentachlorophenol
 Concen: 86.27 ng
 RT: 12.44 min Scan# 941
 Delta R.T. -0.09 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	133125		
268	62.4	50.2	75.2	
264	64.3	51.4	77.2	

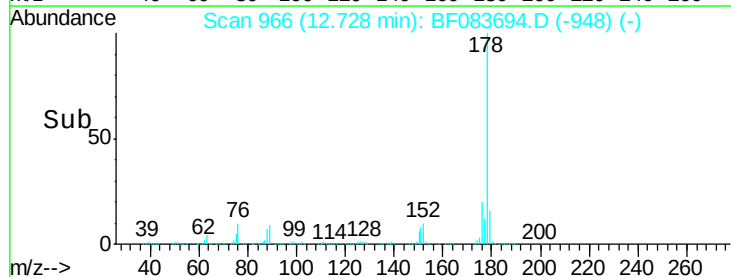
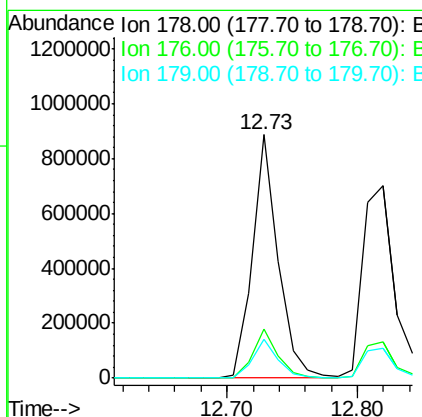
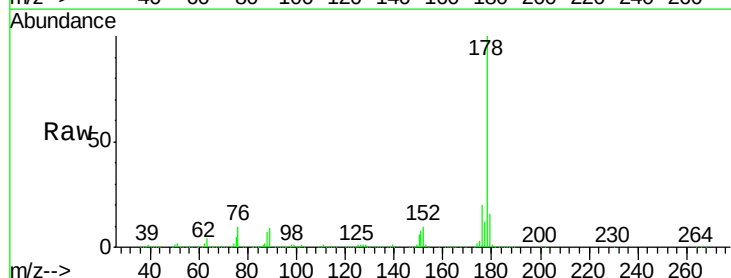
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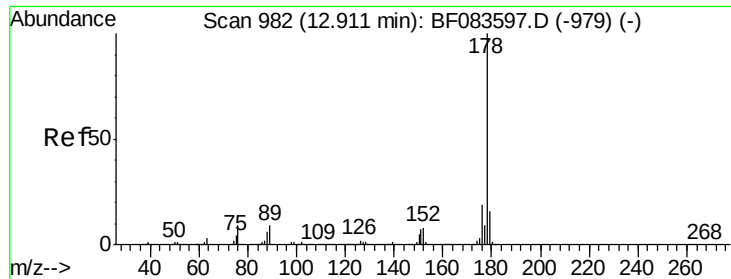
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#70
 Phenanthrene
 Concen: 44.76 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.09 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1219021		
176	20.1	15.7	23.5	
179	15.9	12.2	18.4	





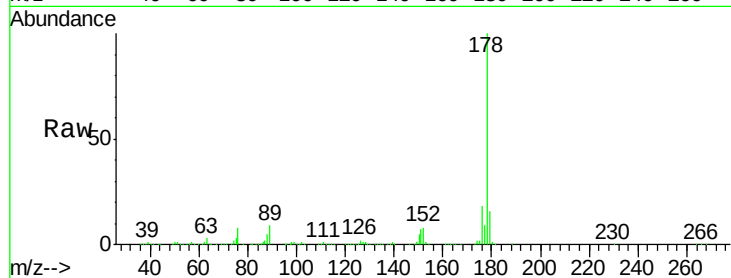
#71
 Anthracene
 Concen: 43.56 ng
 RT: 12.82 min Scan# 974
 Delta R.T. -0.09 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207MS

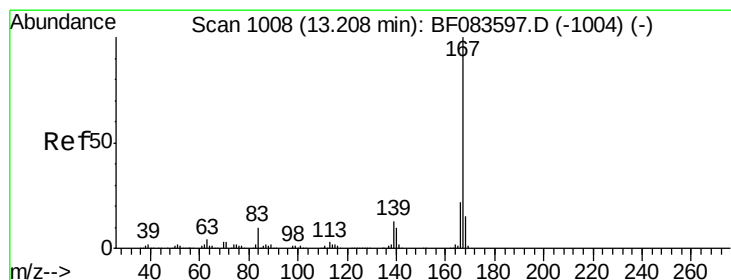
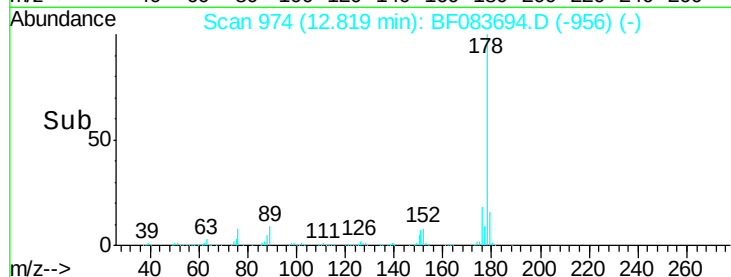
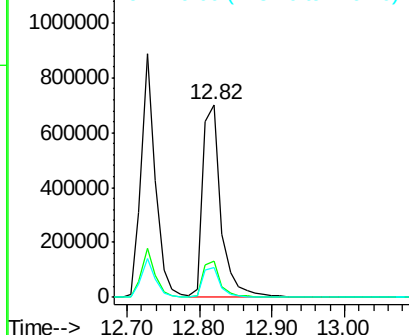
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.6	12.6	18.8

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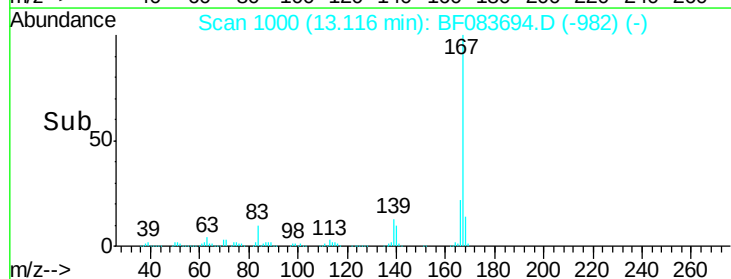
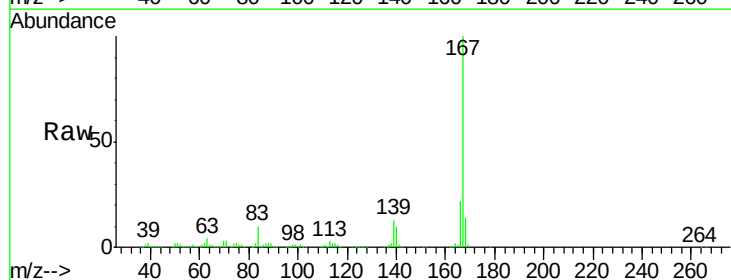
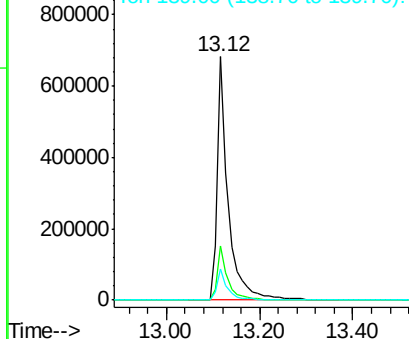
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

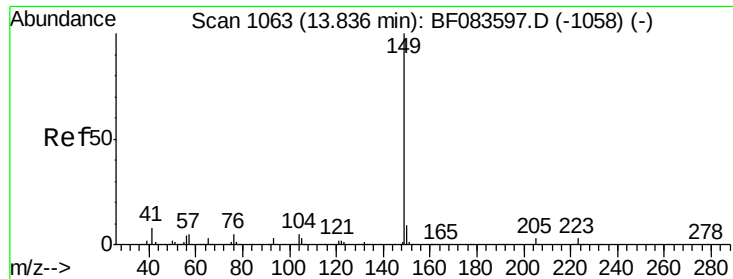


#72
 Carbazole
 Concen: 45.81 ng
 RT: 13.12 min Scan# 1000
 Delta R.T. -0.09 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	12.8	9.3	13.9

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.55 ng

RT: 13.73 min Scan# 1054

Delta R.T. -0.10 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:149 Resp: 1325049

Ion Ratio Lower Upper

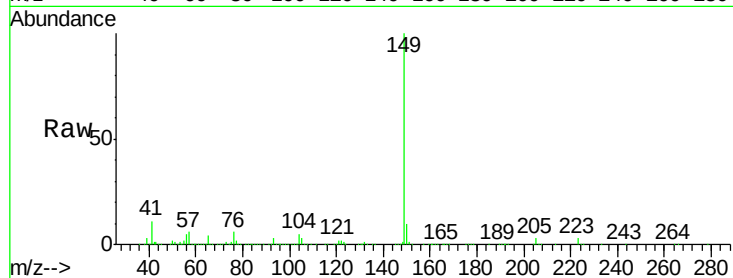
149 100

150 9.7 7.8 11.6

104 5.3 3.9 5.9

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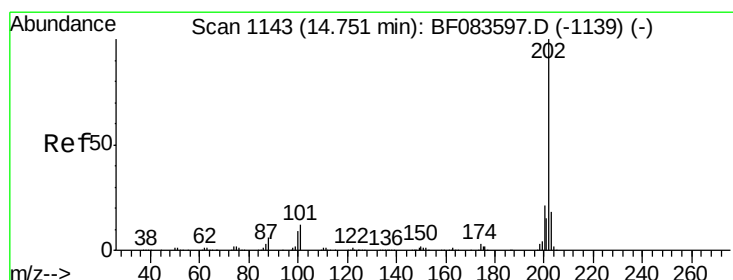
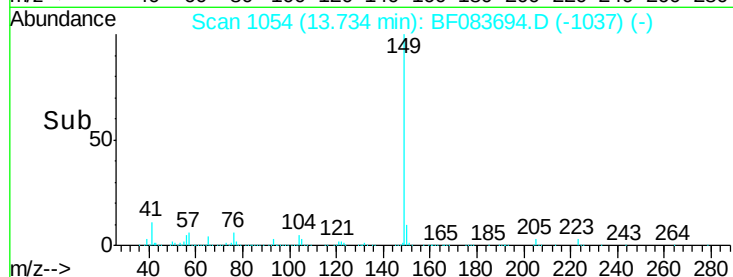
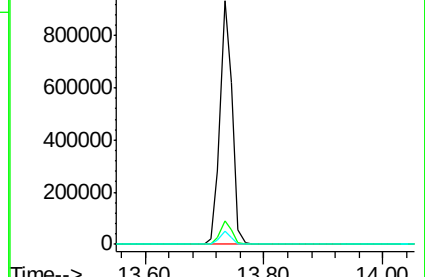
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.14 ng

RT: 14.65 min Scan# 1134

Delta R.T. -0.10 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

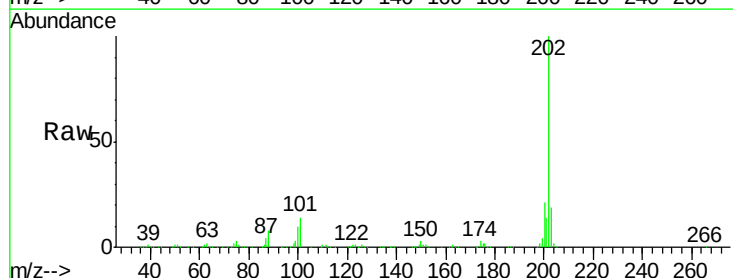
Tgt Ion:202 Resp: 1146200

Ion Ratio Lower Upper

202 100

101 14.1 0.0 31.5

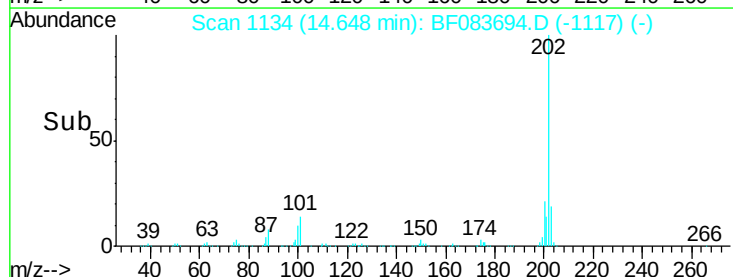
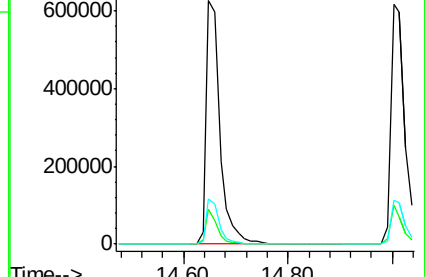
203 18.8 0.0 37.6

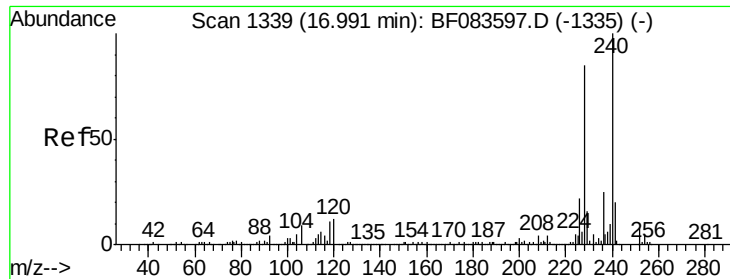


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.91 min Scan# 1332

Delta R.T. -0.08 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

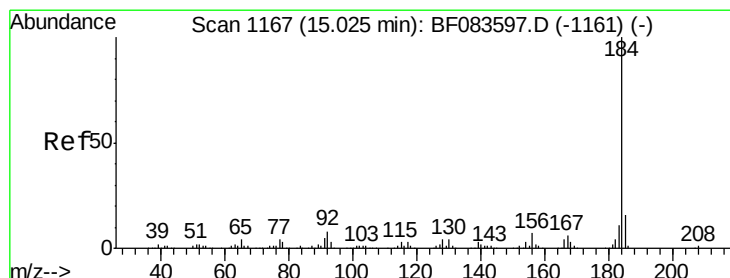
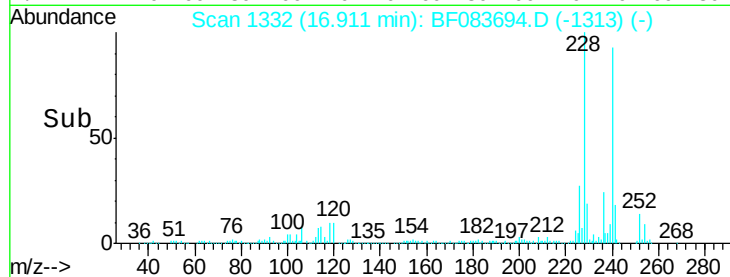
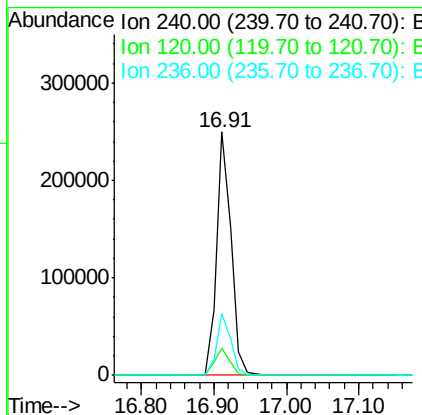
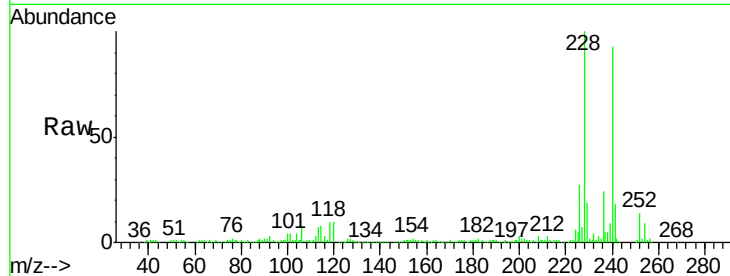
ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:	240	Resp:	343785
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.1	12.1
236	25.5	20.8	31.2

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#76

Benzidine

Concen: 27.91 ng

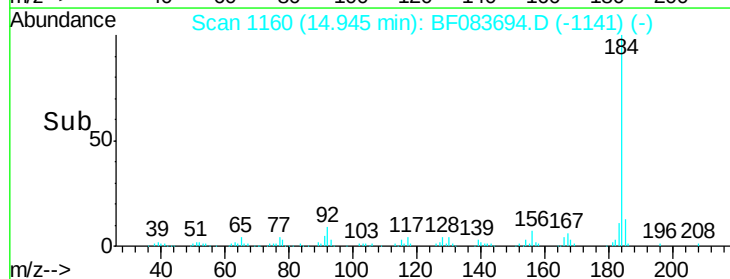
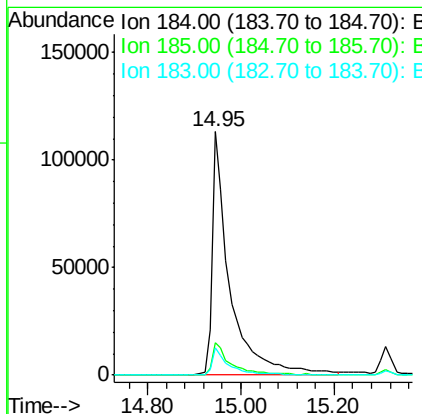
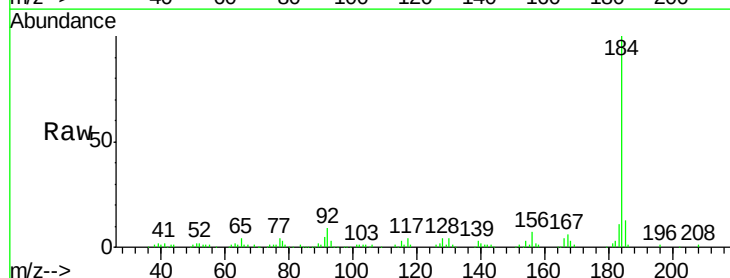
RT: 14.95 min Scan# 1160

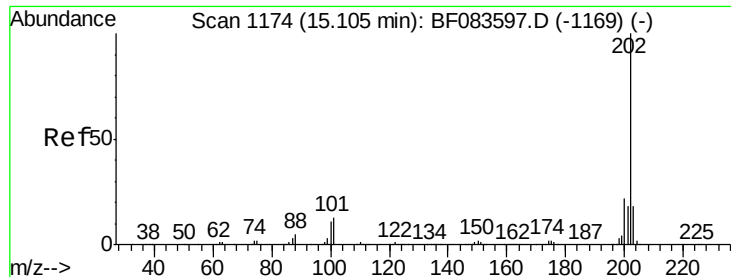
Delta R.T. -0.08 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Tgt Ion:	184	Resp:	298496
Ion Ratio	Lower	Upper	
184	100		
185	13.5	13.0	19.6
183	11.2	9.0	13.4





#77

Pvrene

Concen: 47.33 ng

RT: 15.00 min Scan# 1165

Delta R.T. -0.10 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:202 Resp: 1171340

Ion Ratio Lower Upper

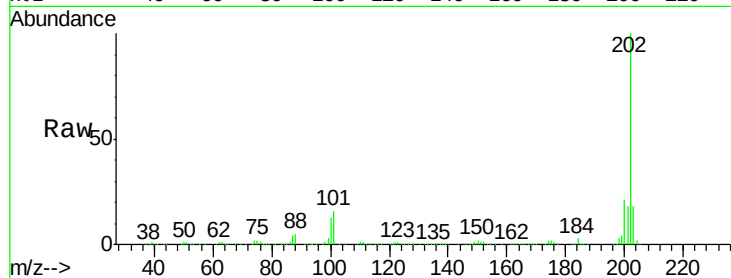
202 100

200 21.3 16.7 25.1

203 18.3 14.3 21.5

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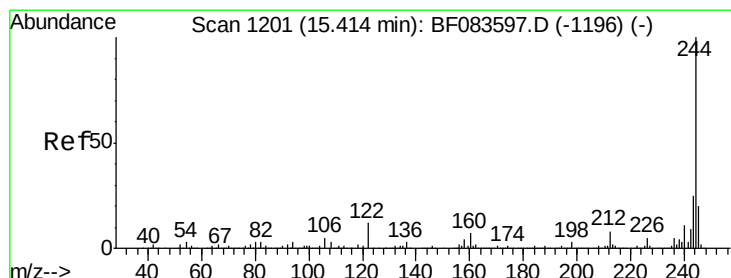
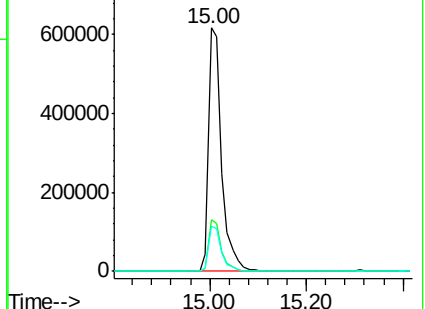
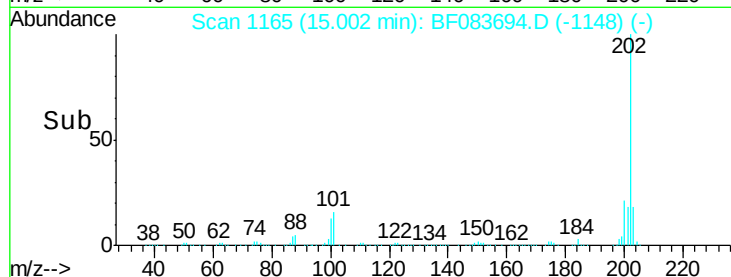
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.36 ng

RT: 15.31 min Scan# 1192

Delta R.T. -0.10 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

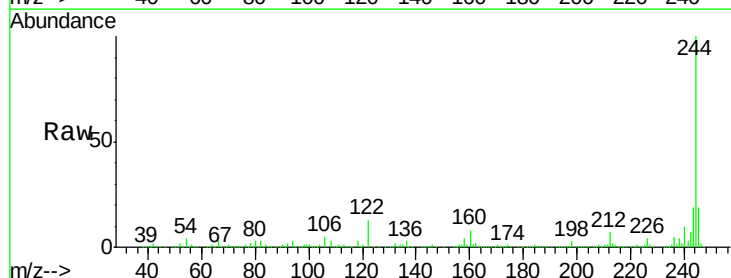
Tgt Ion:244 Resp: 1393339

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

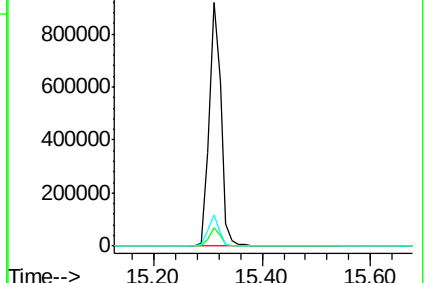
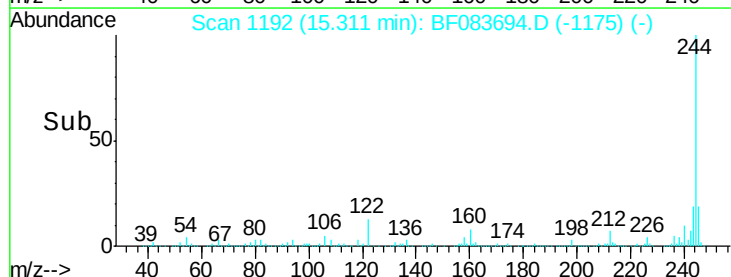
122 13.0 11.0 16.6

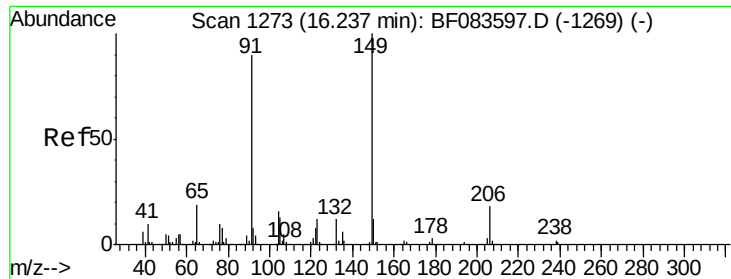


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.28 ng

RT: 16.15 min Scan# 1265

Delta R.T. -0.09 min

Lab File: BF083694.D

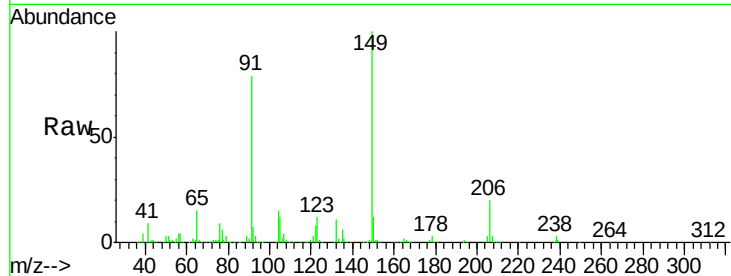
Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

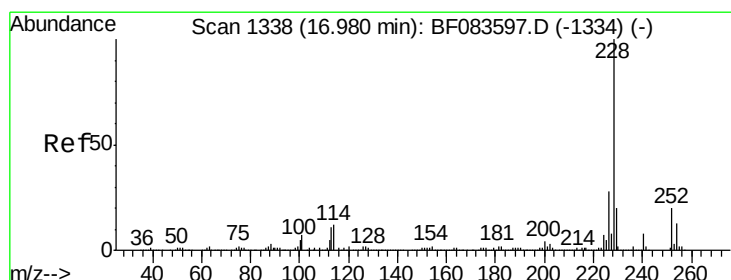
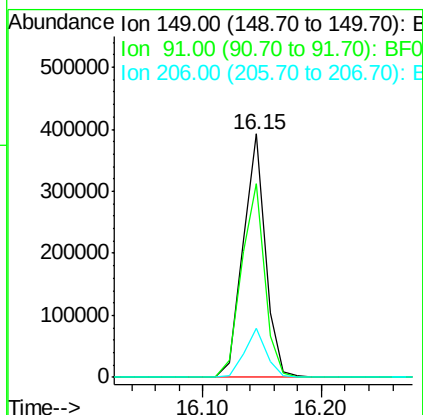
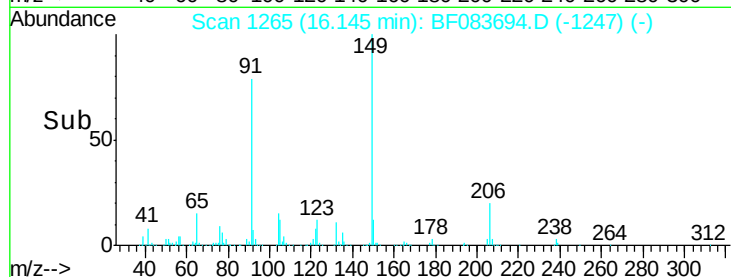
CWC-MISC-8-20151207MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		519432		
91	79.3	60.0	90.0		
206	20.0	16.2	24.4		

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#80

Benzo(a)anthracene

Concen: 43.35 ng

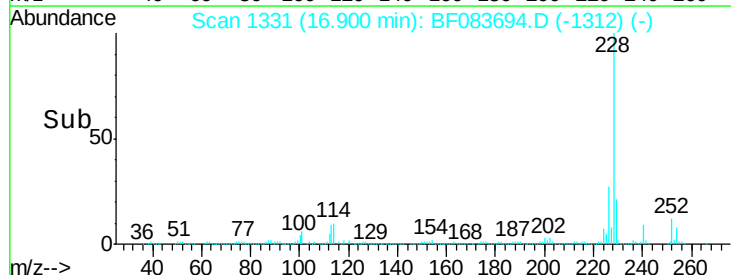
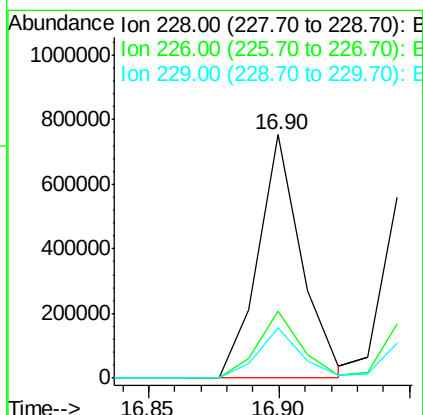
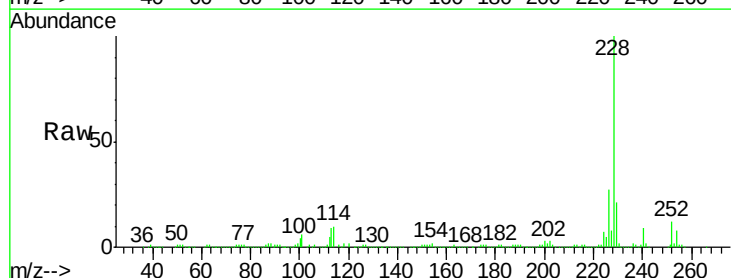
RT: 16.90 min Scan# 1331

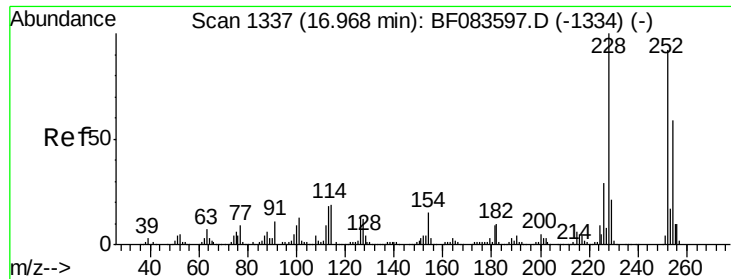
Delta R.T. -0.08 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		872266		
226	27.3	22.3	33.5		
229	20.6	15.7	23.5		





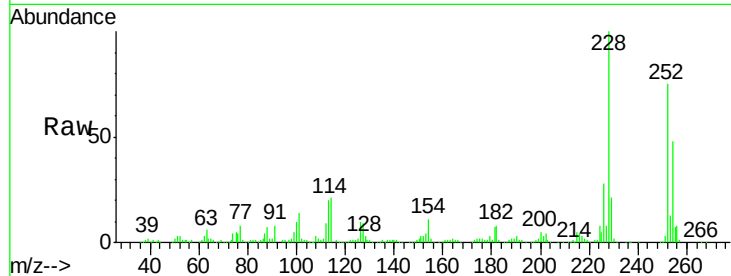
#81
 3,3'-Dichlorobenzidine
 Concen: 36.77 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.08 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207MS

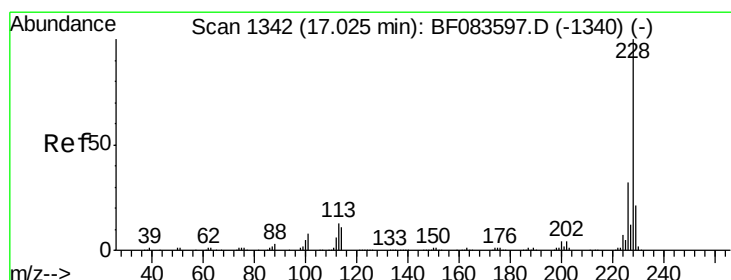
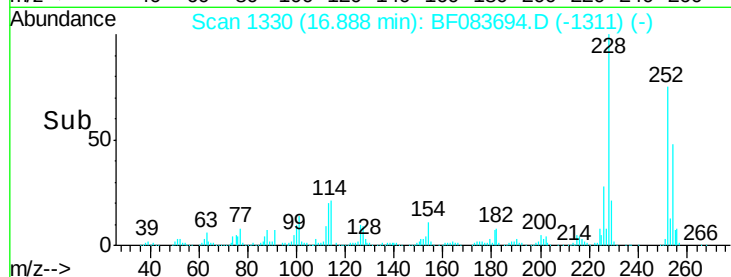
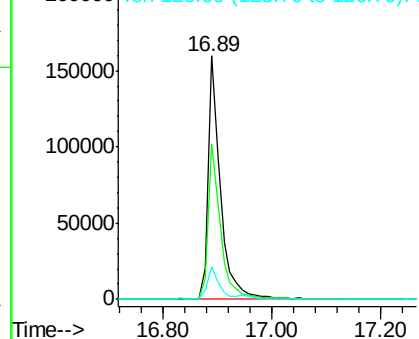
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.6	76.0
126	13.2	11.0	16.4

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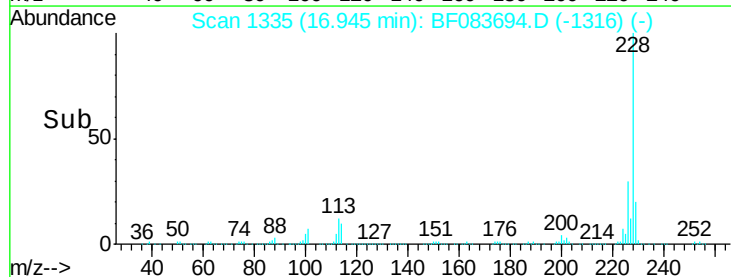
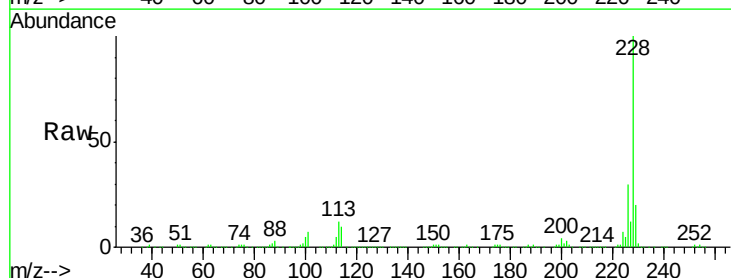
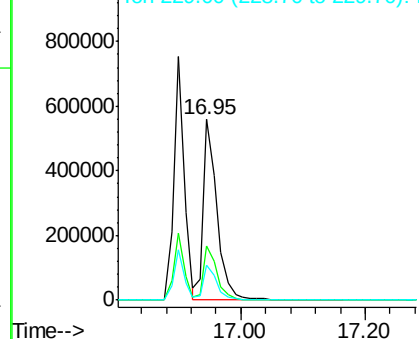
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

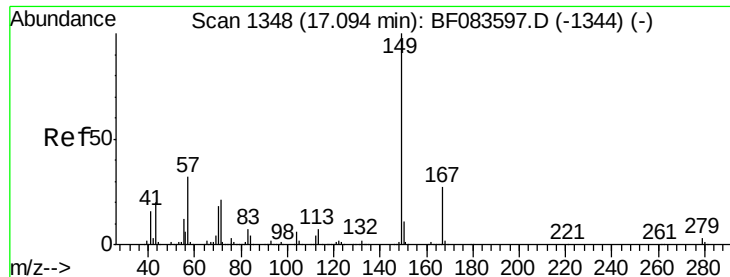


#82
 Chrysene
 Concen: 42.80 ng
 RT: 16.95 min Scan# 1335
 Delta R.T. -0.08 min
 Lab File: BF083694.D
 Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	19.7	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.03 ng

RT: 17.00 min Scan# 1340

Delta R.T. -0.09 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

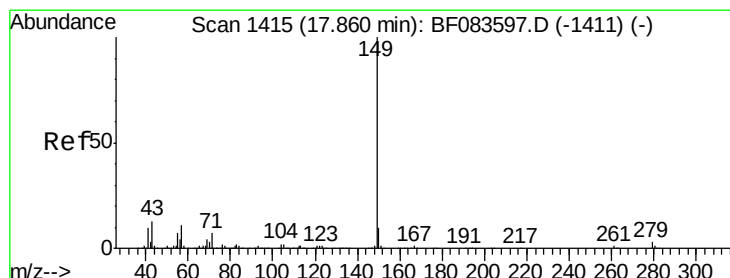
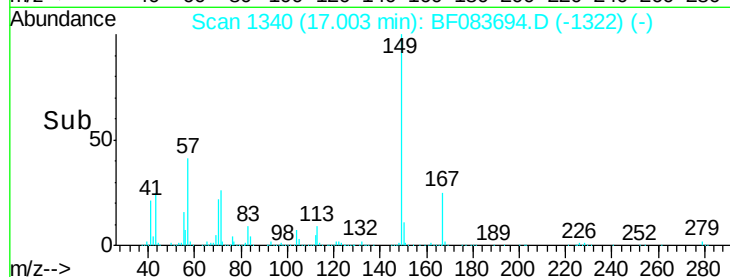
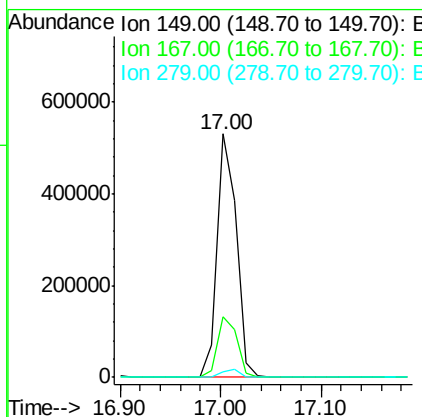
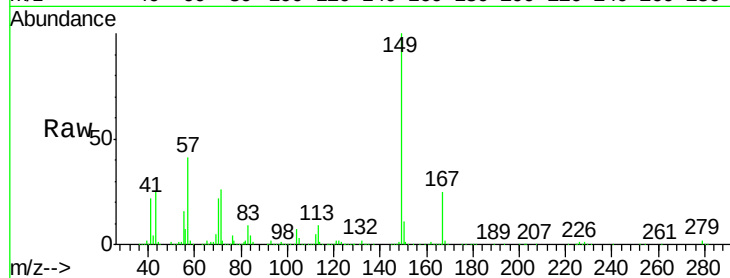
ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:	149	Resp:	701850
Ion Ratio	Lower	Upper	
149	100		
167	24.8	21.8	32.8
279	2.2	3.0	4.4#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 46.82 ng

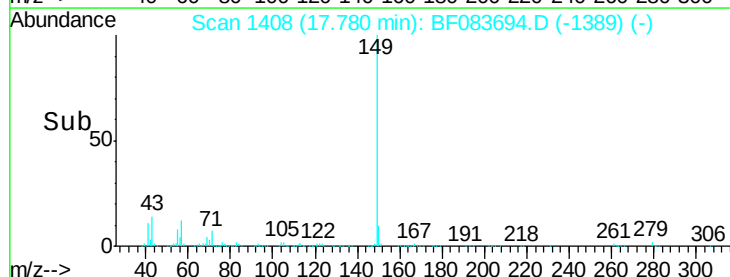
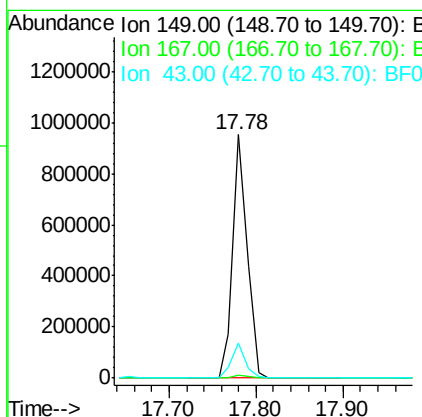
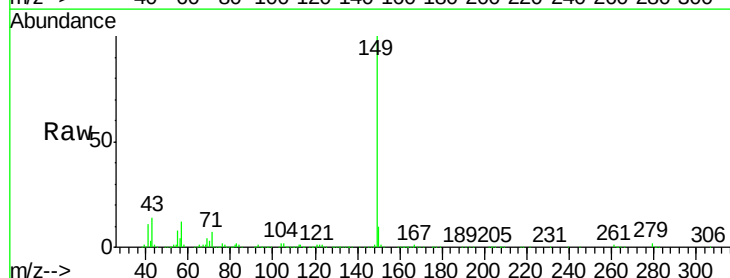
RT: 17.78 min Scan# 1408

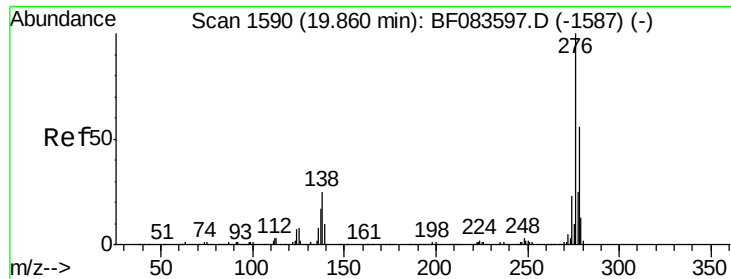
Delta R.T. -0.08 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Tgt Ion:	149	Resp:	1090965
Ion Ratio	Lower	Upper	
149	100		
167	1.7	0.0	0.0#
43	13.5	0.0	0.0#





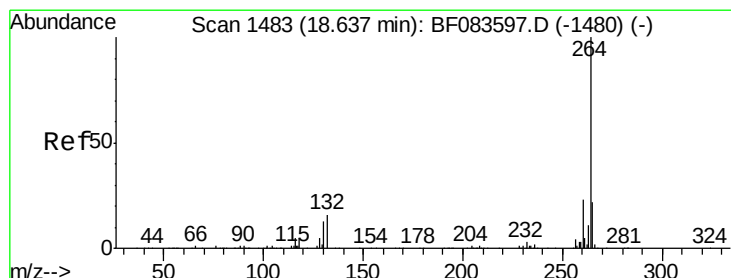
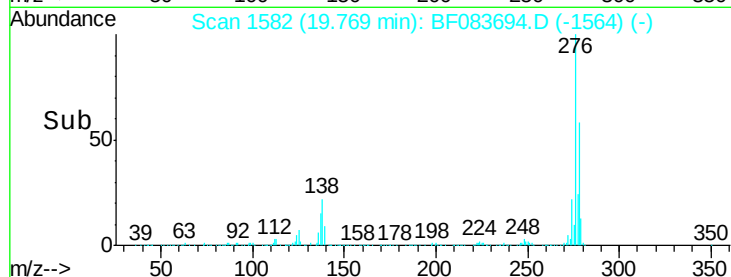
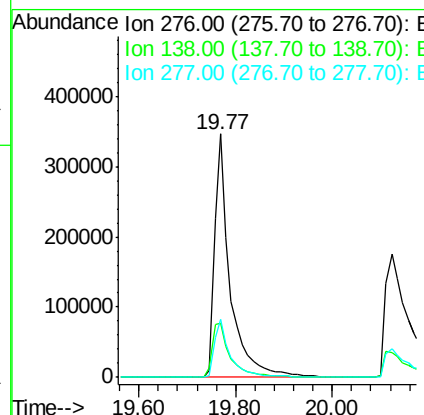
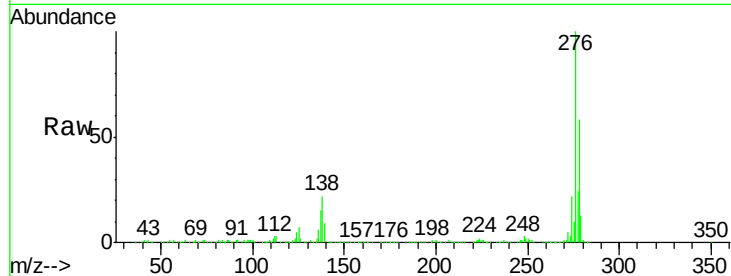
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.82 ng
RT: 19.77 min Scan# 1582
Delta R.T. -0.09 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	787260		
138	26.2	0.0	0.0	0.0
277	24.8	0.0	0.0	0.0

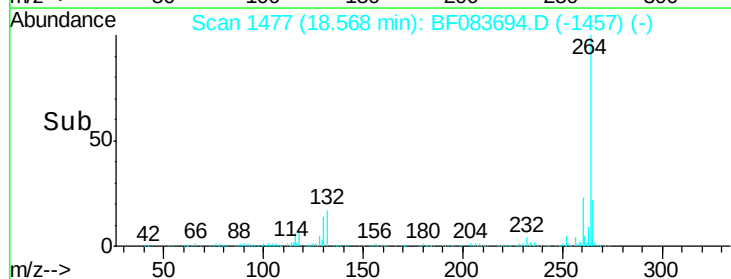
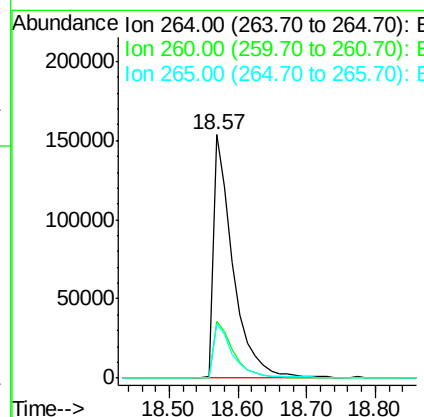
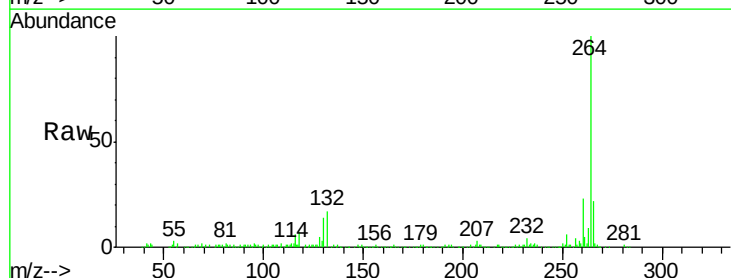
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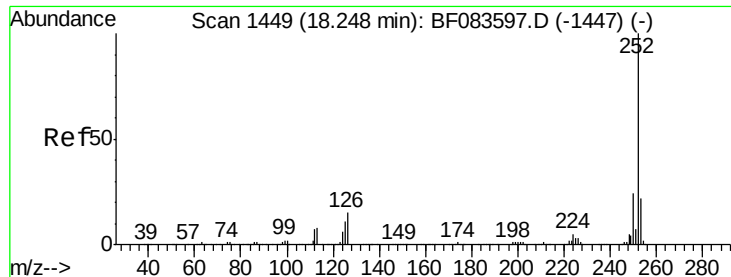
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.57 min Scan# 1477
Delta R.T. -0.07 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	308917		
260	23.4	19.4	29.0	
265	22.3	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 46.74 ng m

RT: 18.18 min Scan# 1443

Delta R.T. -0.07 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

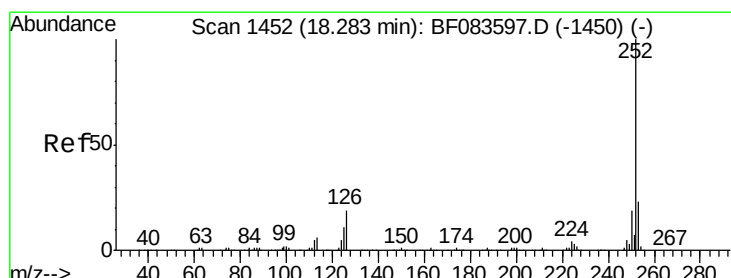
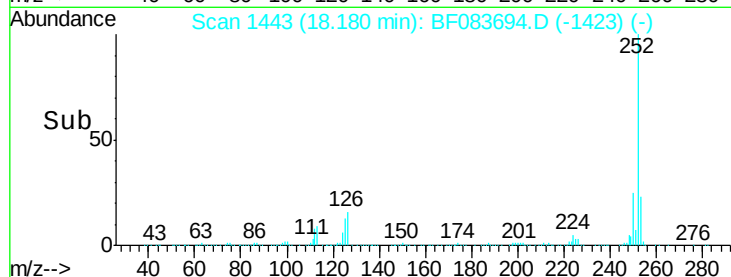
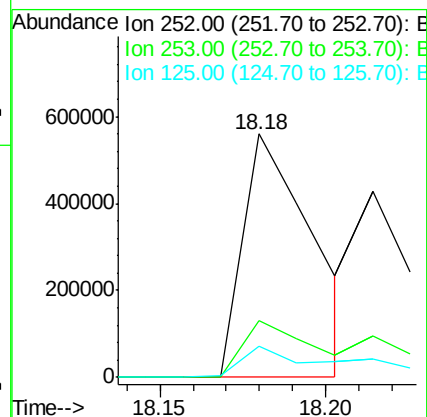
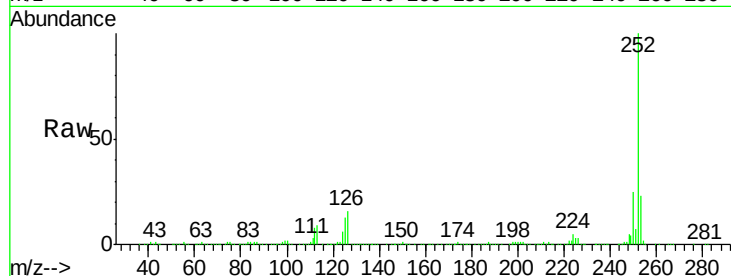
ClientSampleId :

CWC-MISC-8-20151207MS

Tot Ion:	252	Resp:	822244
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.4
125	12.7	8.2	12.4#

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#88

Benzo(k)fluoranthene

Concen: 34.51 ng m

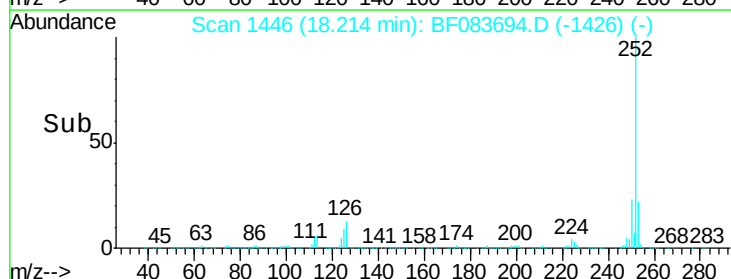
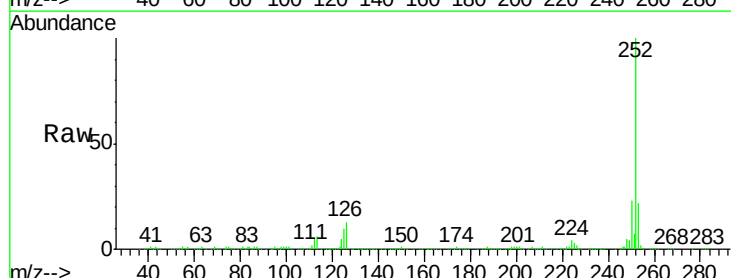
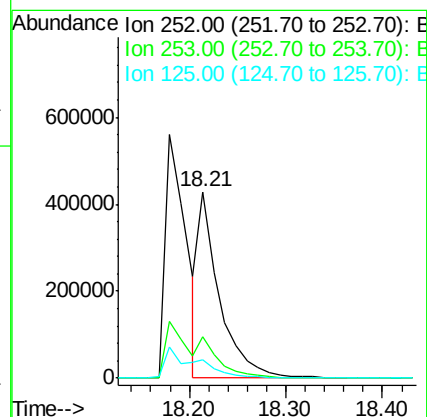
RT: 18.21 min Scan# 1446

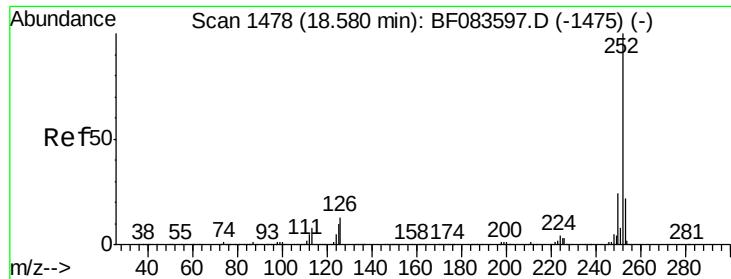
Delta R.T. -0.07 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Tgt Ion:	252	Resp:	668827
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.6	27.8
125	9.6	11.5	17.3#





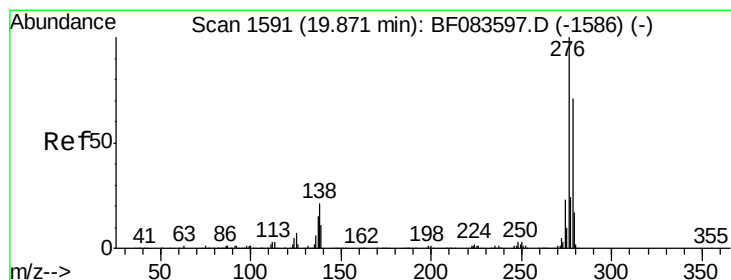
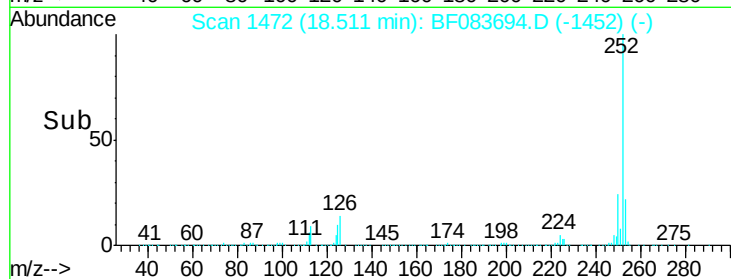
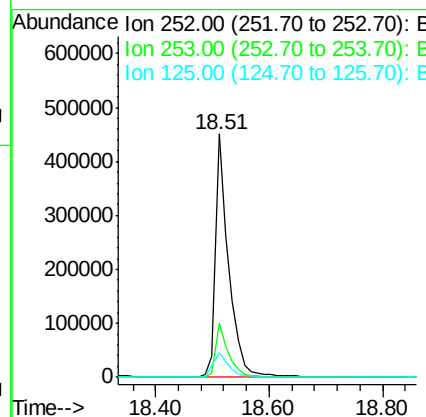
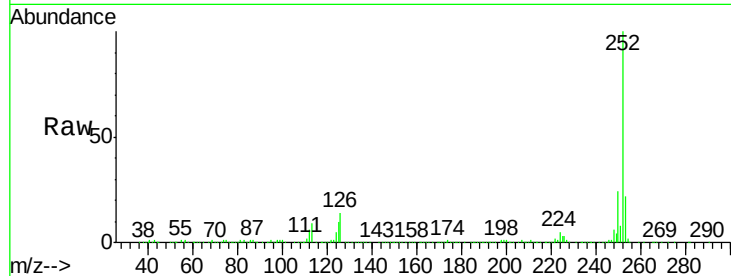
#89
Benzo(a)pyrene
Concen: 40.68 ng
RT: 18.51 min Scan# 1472
Delta R.T. -0.07 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.1	11.0	16.6

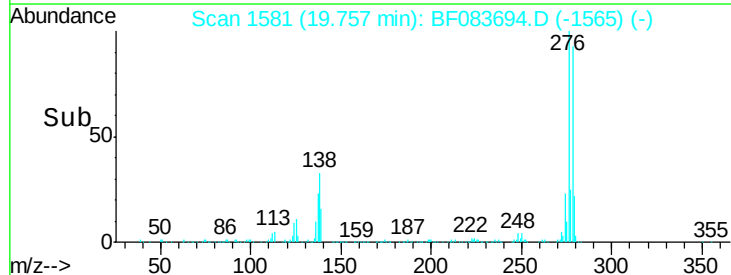
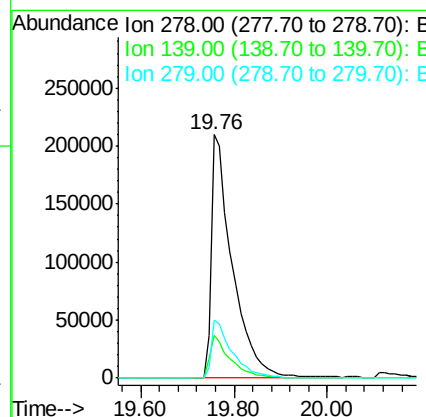
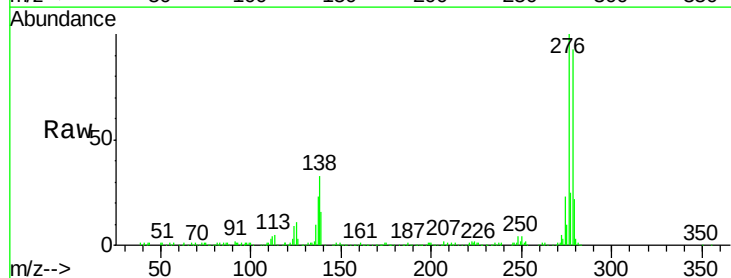
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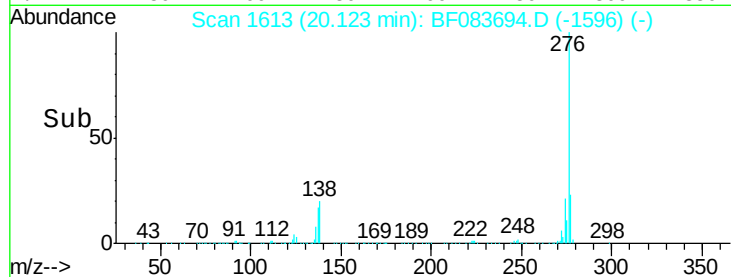
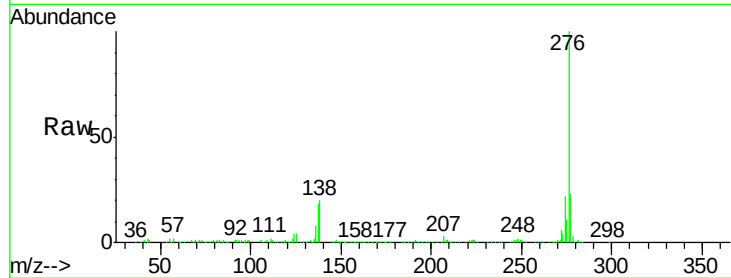
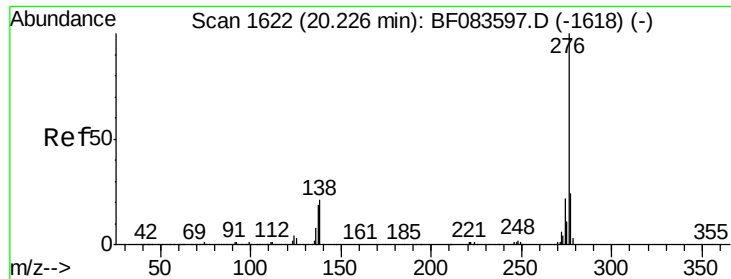
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#90
Dibenzo(a,h)anthracene
Concen: 50.63 ng
RT: 19.76 min Scan# 1581
Delta R.T. -0.11 min
Lab File: BF083694.D
Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.8	19.2
279	24.0	18.6	28.0





#91

Benzo(a,h,i)perylene

Concen: 50.20 ng

RT: 20.12 min Scan# 1613

Delta R.T. -0.10 min

Lab File: BF083694.D

Acq: 11 Dec 2015 00:03

Tot Ion:	276	Resp:	642445
Ion Ratio	Lower	Upper	
276	100		
277	22.9	19.2	28.8
138	20.5	19.5	29.3

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MS

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:01:47 PM

