

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
 Data File : BF083695.D
 Acq On : 11 Dec 2015 00:33
 Operator : UM/IZ
 Sample : G4697-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 12/11/2015 6:01:48 PM

Quant Time: Dec 17 11:46:43 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	152674	20.00	ng	-0.09
21) Naphthalene-d8	7.50	136	578114	20.00	ng	-0.10
38) Acenaphthene-d10	10.29	164	272888	20.00	ng	-0.09
63) Phenanthrene-d10	12.69	188	464479	20.00	ng	-0.09
75) Chrysene-d12	16.91	240	327091	20.00	ng	-0.08
86) Perylene-d12	18.57	264	300943	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	3.92	112	1337872	132.91	ng	-0.06
7) Phenol-d6	5.20	99	1714484	127.47	ng	-0.08
23) Nitrobenzene-d5	6.44	82	1130051	91.21	ng	-0.09
41) 2,4,6-Tribromophenol	11.59	330	307865	126.63	ng	-0.10
44) 2-Fluorobiphenyl	9.25	172	1662119	85.72	ng	-0.09
78) Terphenyl-d14	15.31	244	1272892	91.56	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.80	88	162789	32.73	ng	# 92
3) Pyridine	2.22	79	511115	42.30	ng	90
4) n-Nitrosodimethylamine	2.20	42	257360	40.46	ng	92
6) Aniline	5.18	93	368644	22.24	ng	91
8) 2-Chlorophenol	5.33	128	476213	43.26	ng	100
9) Benzaldehyde	5.01	77	342349	51.27	ng	99
10) Phenol	5.21	94	714668	43.87	ng	91
11) bis(2-Chloroethyl)ether	5.28	93	475079	39.64	ng	99
12) 1,3-Dichlorobenzene	5.53	146	506531	41.29	ng	98
13) 1,4-Dichlorobenzene	5.63	146	509781	40.50	ng	98
14) 1,2-Dichlorobenzene	5.85	146	487109	41.70	ng	98
15) Benzyl Alcohol	5.87	79	471759	49.30	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.04	45	902036	40.70	ng	# 62
17) 2-Methylphenol	6.06	107	395929	44.21	ng	# 90
18) Hexachloroethane	6.32	117	173357	39.00	ng	93
19) n-Nitroso-di-n-propylamine	6.25	70	405593	43.20	ng	93
20) 3+4-Methylphenols	6.32	107	522181	44.28	ng	95
22) Acetophenone	6.22	105	682743	42.10	ng	# 96
24) Nitrobenzene	6.48	77	564419	41.22	ng	93
25) Isophorone	6.84	82	1030397	42.86	ng	99
26) 2-Nitrophenol	6.96	139	238401	43.85	ng	94
27) 2,4-Dimethylphenol	7.08	122	413404	43.46	ng	98
28) bis(2-Chloroethoxy)methane	7.20	93	616684	46.19	ng	99
29) 2,4-Dichlorophenol	7.37	162	391240	45.23	ng	99
30) 1,2,4-Trichlorobenzene	7.44	180	406366	42.53	ng	97
31) Naphthalene	7.54	128	1334173	43.57	ng	99
32) Benzoic acid	7.38	122	48001	10.41	ng	98
33) 4-Chloroaniline	7.70	127	193326	17.32	ng	93
34) Hexachlorobutadiene	7.74	225	238621	42.75	ng	96
35) Caprolactam	8.29	113	118810m	45.76	ng	
36) 4-Chloro-3-methylphenol	8.54	107	417114	42.92	ng	94
37) 2-Methylnaphthalene	8.64	142	884065	45.97	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	390896	43.63	ng	# 100
40) Hexachlorocyclopentadiene	8.89	237	59187	44.91	ng	99

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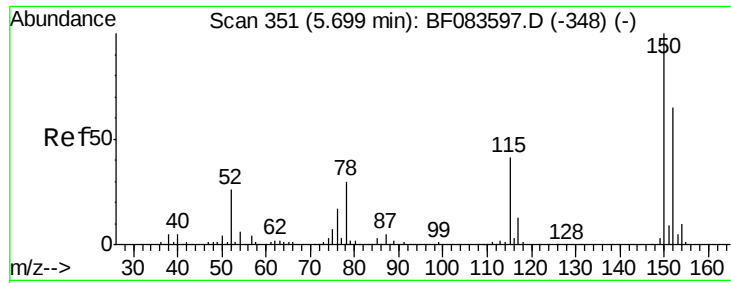
Manual Integrations
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Quant Time: Dec 17 11:46:43 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	247109	46.35	nq	99
43) 2,4,5-Trichlorophenol	9.24	196	229979	43.58	nq	96
45) 1,1'-Biphenyl	9.40	154	1029497	43.40	nq	99
46) 2-Chloronaphthalene	9.41	162	780792	43.60	nq	96
47) 2-Nitroaniline	9.64	65	307327	47.58	nq	# 86
48) Acenaphthylene	10.06	152	1214705	41.14	nq	100
49) Dimethylphthalate	9.95	163	1178235	54.24	nq	99
50) 2,6-Dinitrotoluene	10.04	165	195525	43.60	nq	93
51) Acenaphthene	10.35	154	723059	42.77	nq	99
52) 3-Nitroaniline	10.33	138	128551	26.97	nq	85
53) 2,4-Dinitrophenol	10.54	184	101561	48.16	nq	96
54) Dibenzofuran	10.64	168	1106039	47.18	nq	98
55) 4-Nitrophenol	10.74	139	185118	88.21	nq	90
56) 2,4-Dinitrotoluene	10.72	165	272139	45.75	nq	# 79
57) Fluorene	11.19	166	864074	42.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.89	232	192121	45.24	nq	# 100
59) Diethylphthalate	11.09	149	888902	42.09	nq	99
60) 4-Chlorophenyl-phenylether	11.21	204	405962	41.68	nq	97
61) 4-Nitroaniline	11.32	138	174745	40.35	nq	86
62) Azobenzene	11.47	77	1121238	48.24	nq	99
64) 4,6-Dinitro-2-methylphenol	11.39	198	112438	36.04	nq	78
65) n-Nitrosodiphenylamine	11.43	169	734031	47.88	nq	99
66) 4-Bromophenyl-phenylether	12.00	248	233544	45.08	nq	92
67) Hexachlorobenzene	12.08	284	244580	44.50	nq	# 87
68) Atrazine	12.35	200	229585	50.34	nq	98
69) Pentachlorophenol	12.44	266	139075	91.43	nq	96
70) Phenanthrene	12.73	178	1198186	44.90	nq	99
71) Anthracene	12.82	178	1225488	44.33	nq	99
72) Carbazole	13.12	167	1087583	45.88	nq	98
73) Di-n-butylphthalate	13.73	149	1324910	44.44	nq	100
74) Fluoranthene	14.65	202	1091146	39.97	nq	97
76) Benzidine	14.95	184	307446	30.22	nq	95
77) Pyrene	15.00	202	1116199	47.40	nq	100
79) Butylbenzylphthalate	16.15	149	495340	47.39	nq	99
80) Benzo(a)anthracene	16.90	228	820616	42.86	nq	99
81) 3,3'-Dichlorobenzidine	16.89	252	247064	38.20	nq	97
82) Chrysene	16.95	228	803903	41.89	nq	99
83) Bis(2-ethylhexyl)phthalate	17.00	149	667017	45.98	nq	# 96
84) Di-n-octyl phthalate	17.78	149	1076537	48.56	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.77	276	760650	58.72	nq	# 100
87) Benzo(b)fluoranthene	18.18	252	812778m	47.43	nq	
88) Benzo(k)fluoranthene	18.21	252	640117m	33.90	nq	
89) Benzo(a)pyrene	18.51	252	690532	41.29	nq	97
90) Dibenzo(a,h)anthracene	19.76	278	637823	49.89	nq	99
91) Benzo(g,h,i)perylene	20.12	276	609233	48.87	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.61 min Scan# 343

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

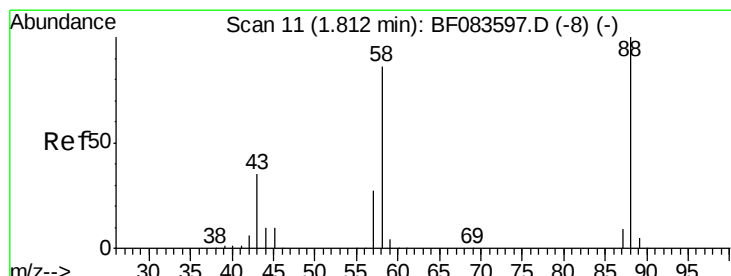
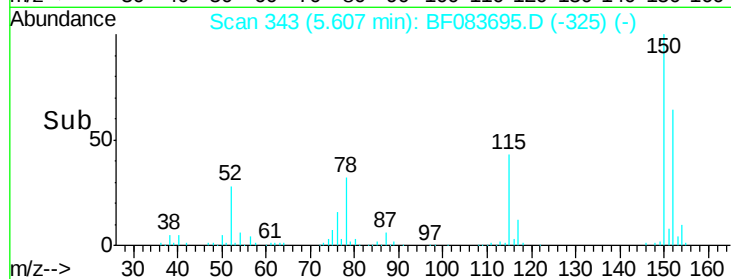
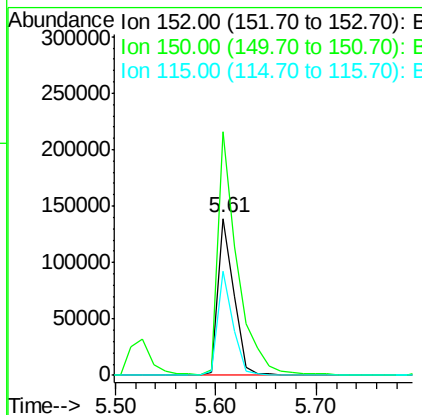
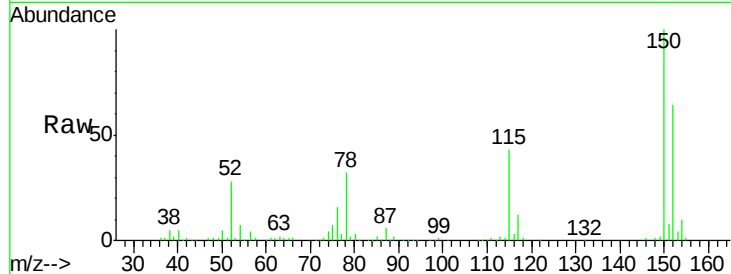
ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion:	152	Resp:	152674
Ion Ratio	Lower	Upper	
152	100		
150	155.1	126.5	189.7
115	66.0	52.3	78.5

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#2

1,4-Dioxane

Concen: 32.73 ng

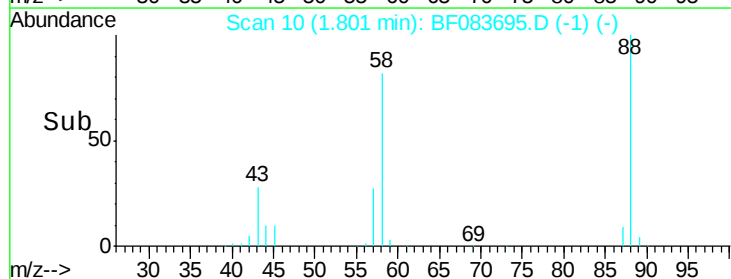
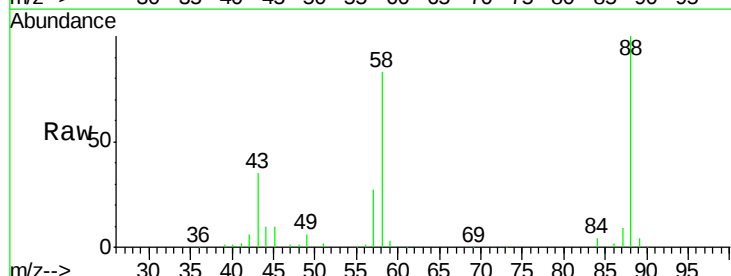
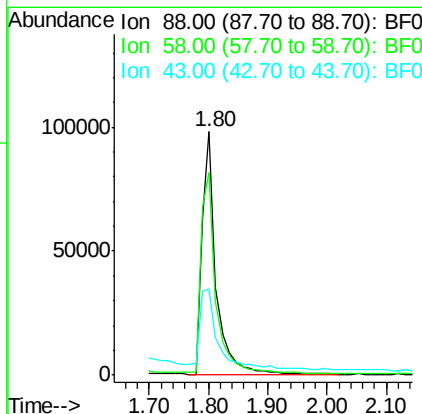
RT: 1.80 min Scan# 10

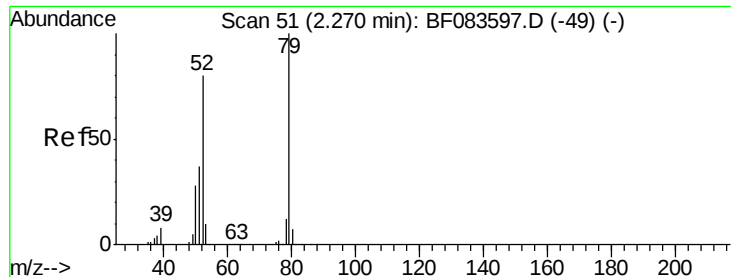
Delta R.T. -0.01 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Tgt Ion:	88	Resp:	162789
Ion Ratio	Lower	Upper	
88	100		
58	89.1	68.0	102.0
43	45.1	27.9	41.9#





#3

Pvridine

Concen: 42.30 ng

RT: 2.22 min Scan# 47

Delta R.T. -0.05 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

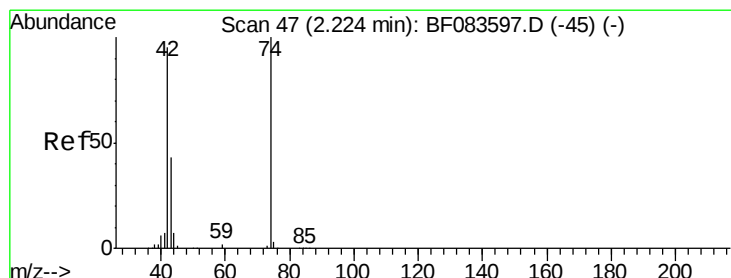
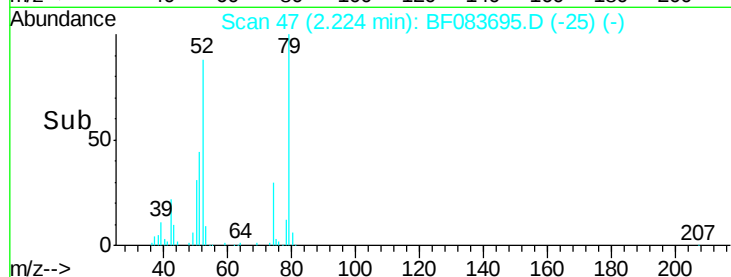
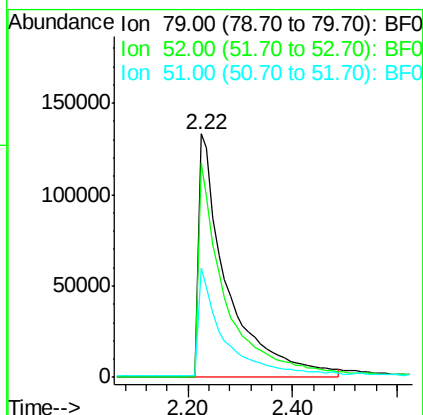
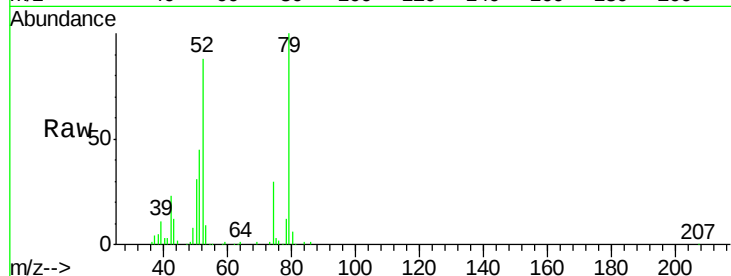
ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion:	79	Resp:	511115
Ion Ratio	Lower	Upper	
79	100		
52	88.0	63.7	95.5
51	44.6	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 40.46 ng

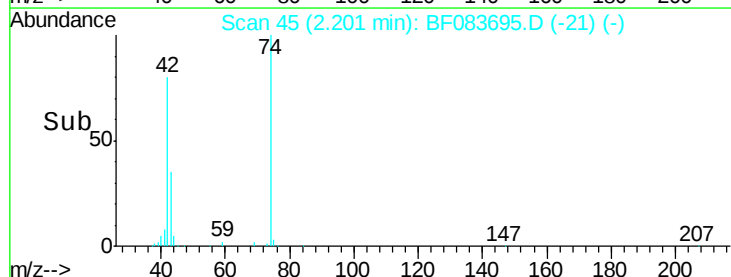
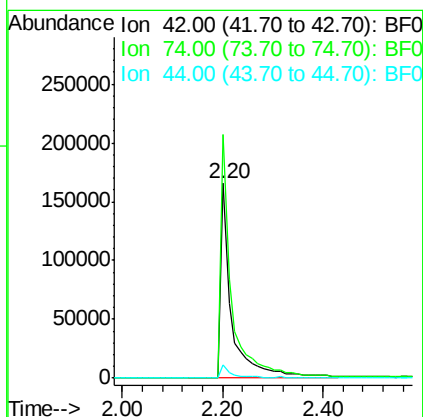
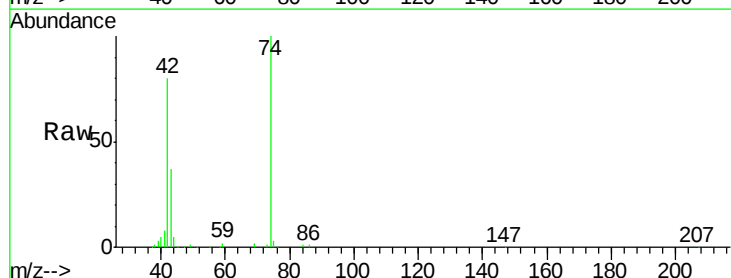
RT: 2.20 min Scan# 45

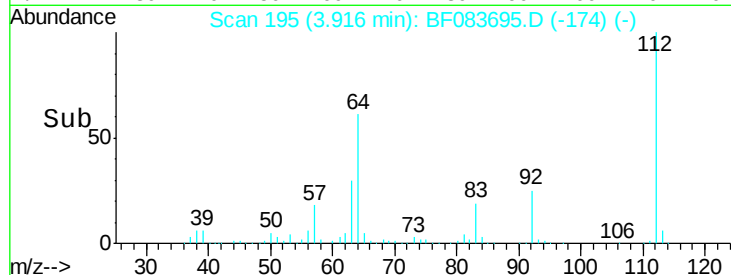
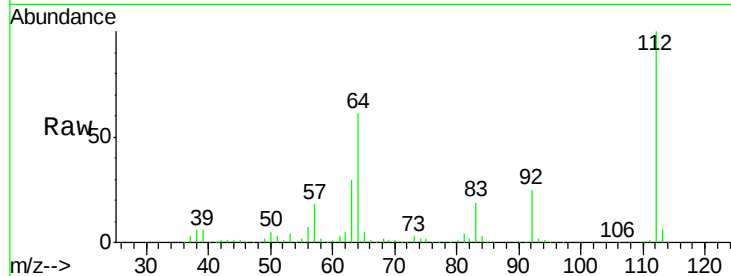
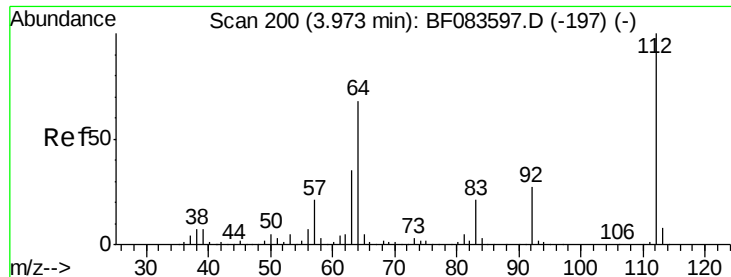
Delta R.T. -0.02 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Tgt Ion:	42	Resp:	257360
Ion Ratio	Lower	Upper	
42	100		
74	125.2	92.9	139.3
44	6.7	5.7	8.5





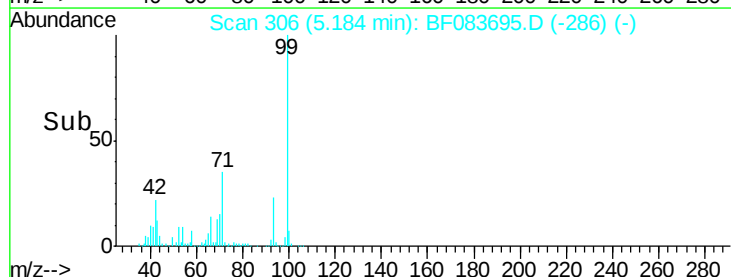
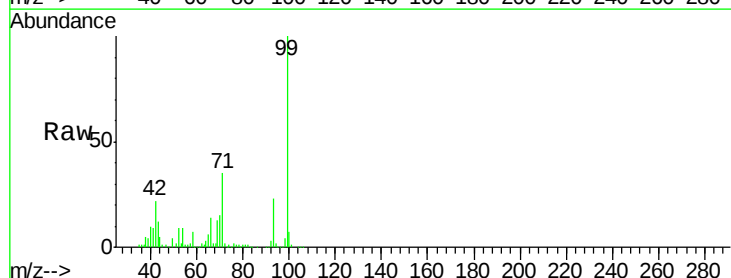
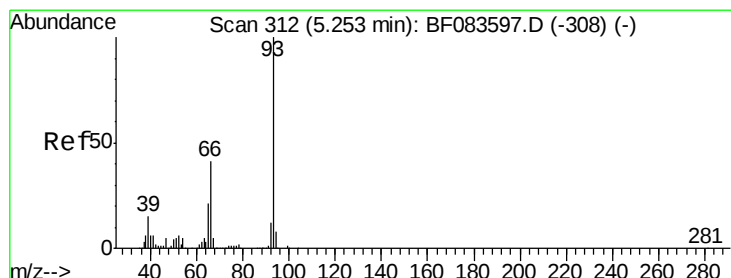
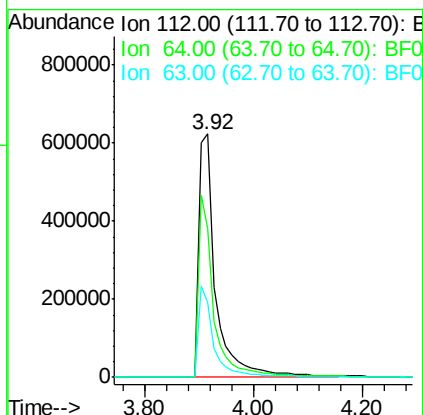
#5
2-Fluorophenol
Concen: 132.91 ng
RT: 3.92 min Scan# 195
Delta R.T. -0.06 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tot Ion	Ion	Ratio	Lower	Upper
112	100			
64	61.2	50.5	75.7	
63	30.5	25.8	38.6	

Instrument :
BNA_F
ClientSampleId :
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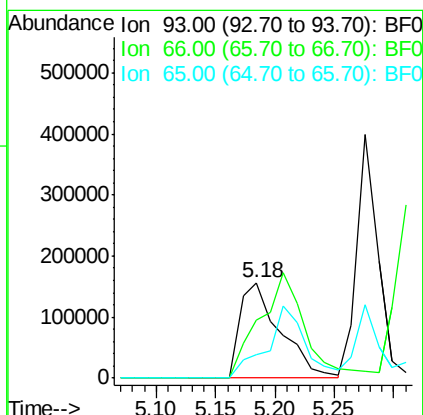
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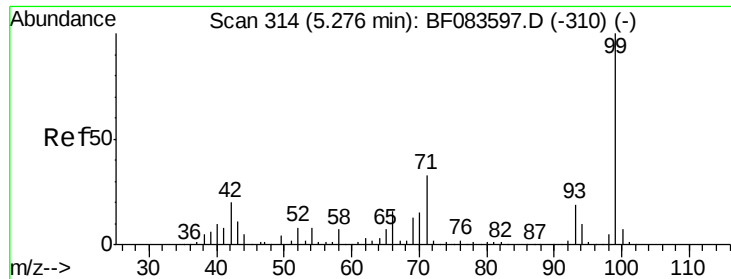
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#6
Aniline
Concen: 22.24 ng
RT: 5.18 min Scan# 306
Delta R.T. -0.07 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
66	60.0	41.3	61.9	
65	24.0	20.8	31.2	





#7

Phenol-d6

Concen: 127.47 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.08 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion: 99 Resp: 1714484

Ion Ratio Lower Upper

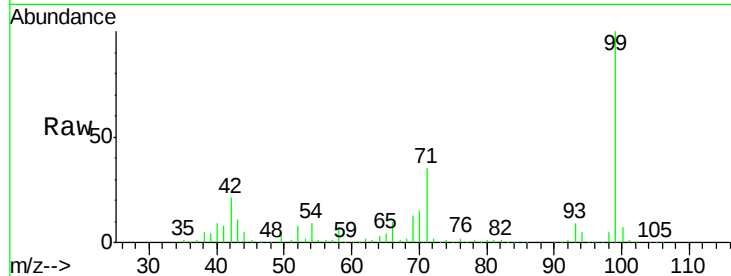
99 100

42 21.1 17.3 25.9

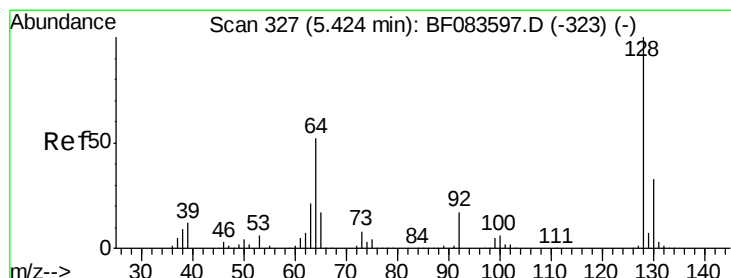
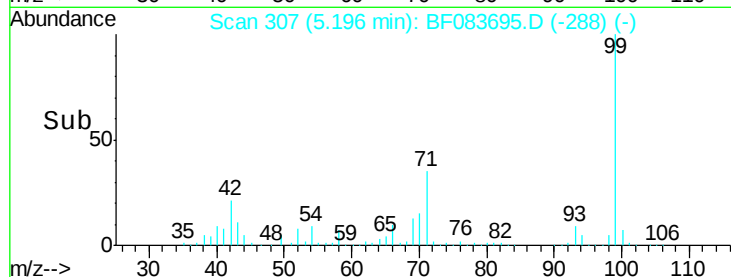
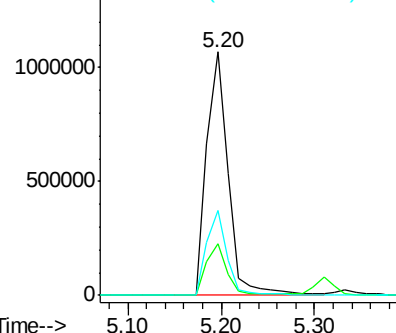
71 34.6 26.6 40.0

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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: 43.26 ng

RT: 5.33 min Scan# 319

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

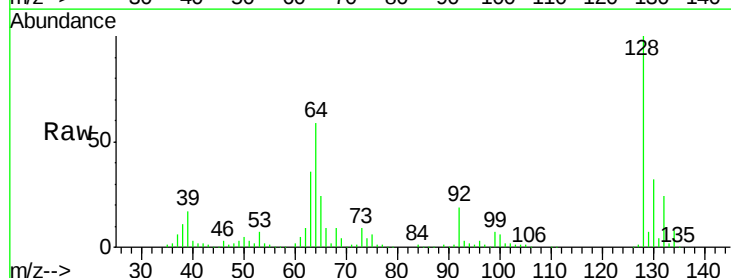
Tgt Ion:128 Resp: 476213

Ion Ratio Lower Upper

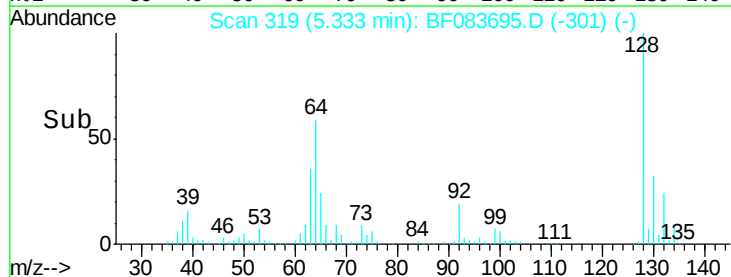
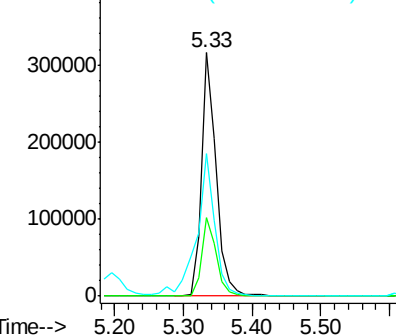
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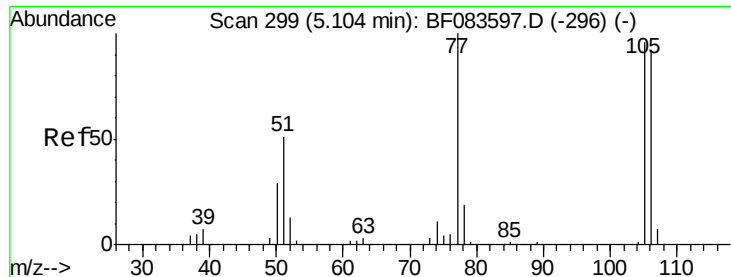
130 32.2 12.6 52.6

64 58.6 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: 51.27 ng

RT: 5.01 min Scan# 291

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

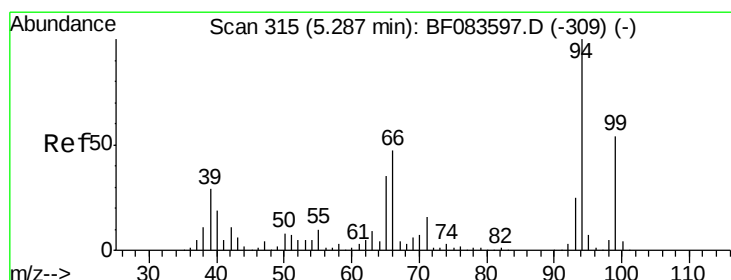
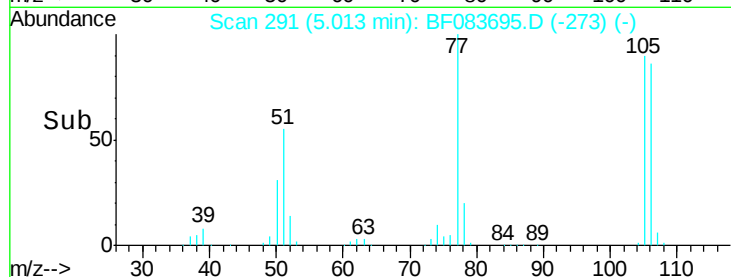
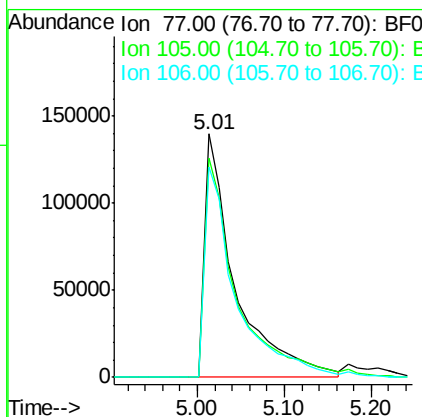
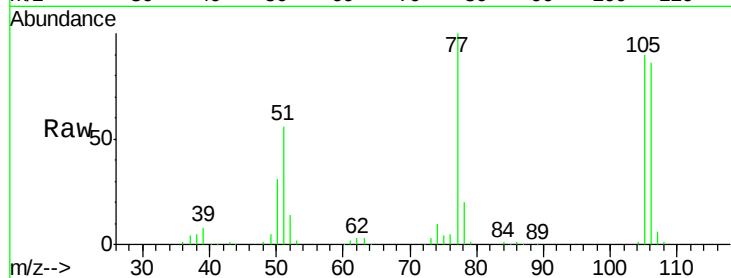
ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion:	77	Resp:	342349
Ion	Ratio	Lower	Upper
77	100		
105	89.9	71.8	111.8
106	86.3	66.8	106.8

Manual Integrations
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#10

Phenol

Concen: 43.87 ng

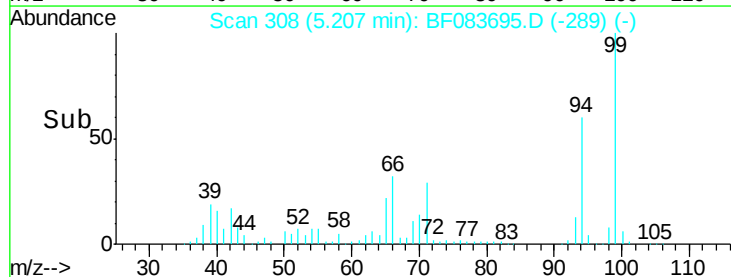
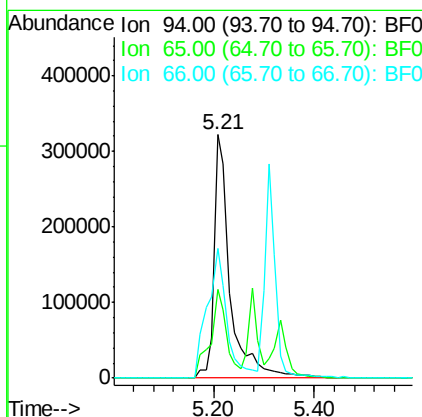
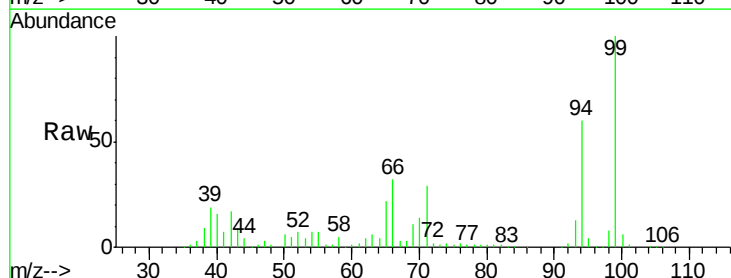
RT: 5.21 min Scan# 308

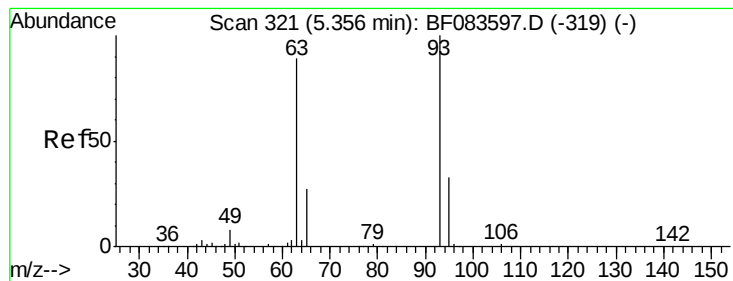
Delta R.T. -0.08 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Tgt Ion:	94	Resp:	714668
Ion	Ratio	Lower	Upper
94	100		
65	36.4	20.9	60.9
66	53.4	41.6	81.6





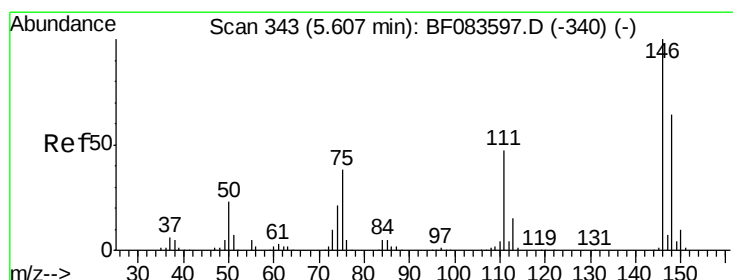
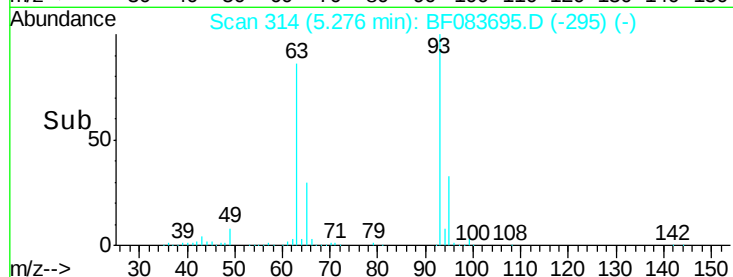
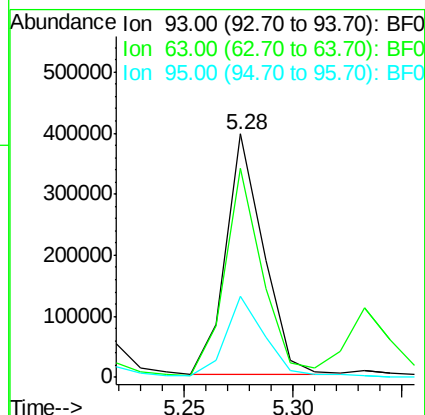
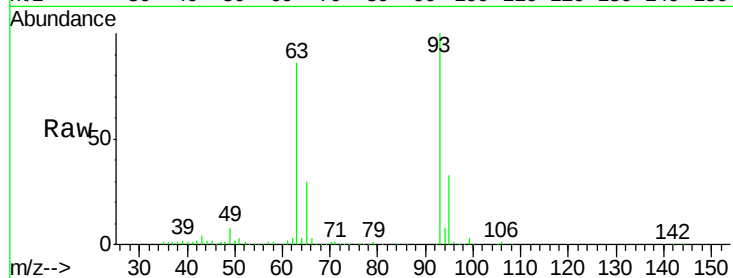
#11
bis(2-Chloroethyl)ether
Concen: 39.64 ng
RT: 5.28 min Scan# 314
Delta R.T. -0.08 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.9	64.7	104.7
95	33.1	12.7	52.7

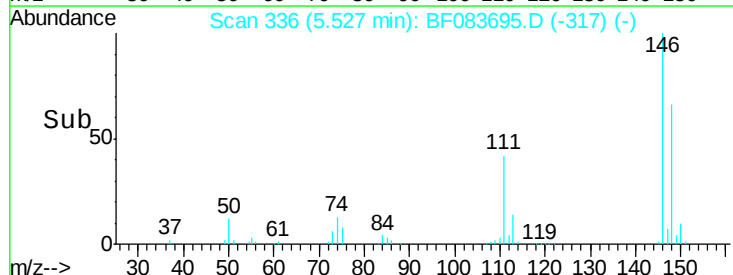
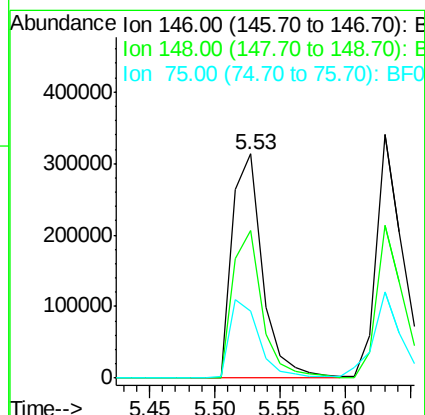
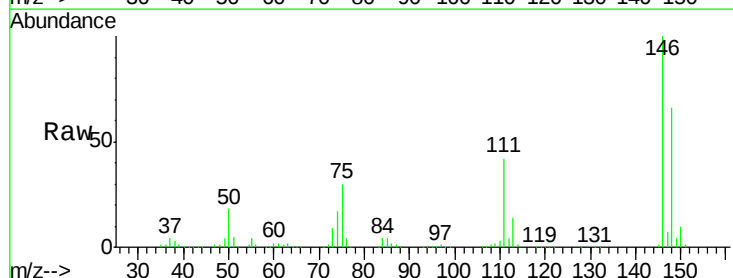
Manual Integrations
APPROVED

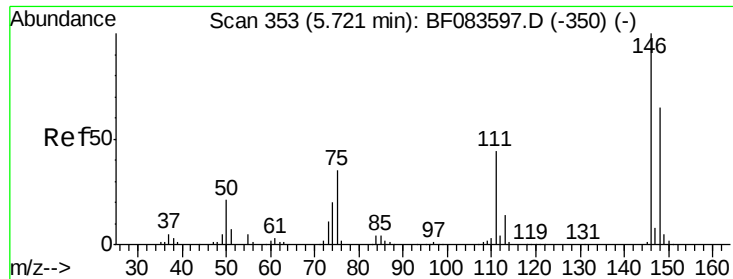
MMdadoda
12/11/2015 6:01:48 PM



#12
1,3-Dichlorobenzene
Concen: 41.29 ng
RT: 5.53 min Scan# 336
Delta R.T. -0.08 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.3	76.9
75	30.0	24.1	36.1





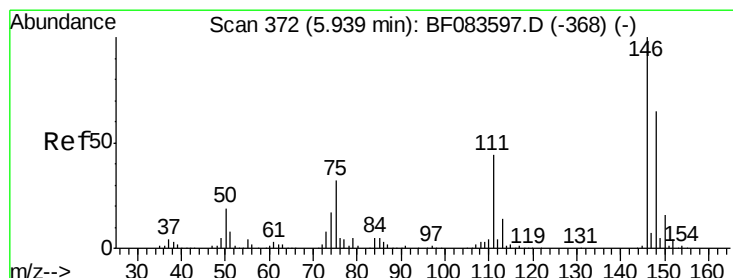
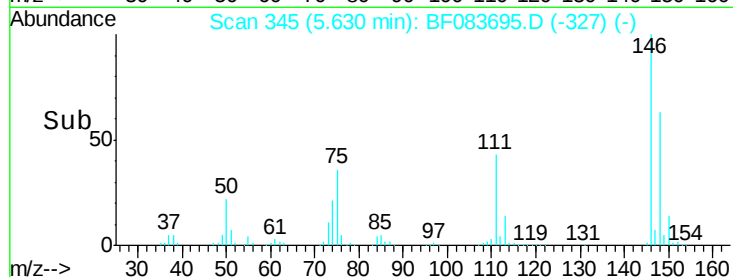
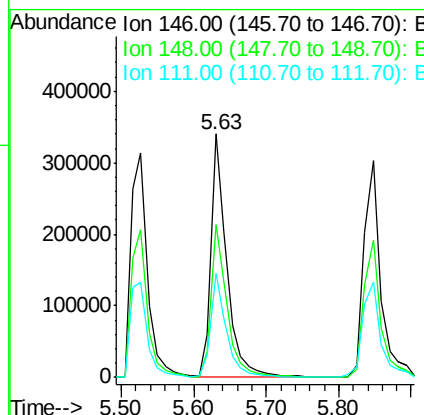
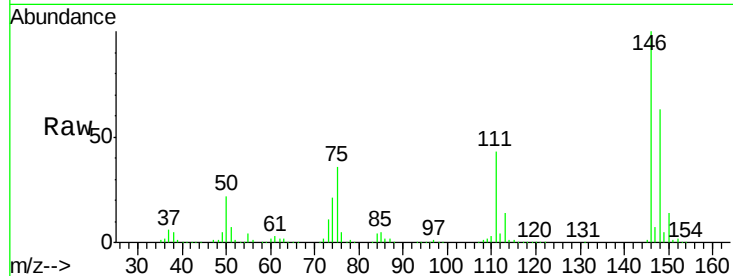
#13
 1,4-Dichlorobenzene
 Concen: 40.50 ng
 RT: 5.63 min Scan# 345
 Delta R.T. -0.09 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
111	43.0	36.1	54.1

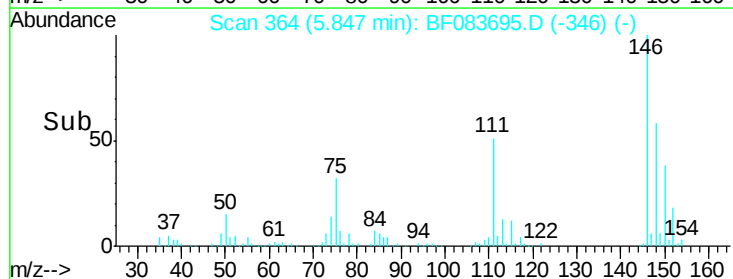
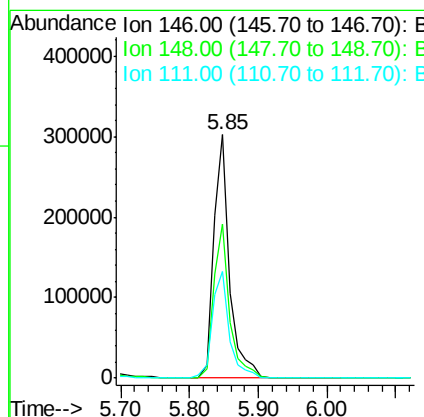
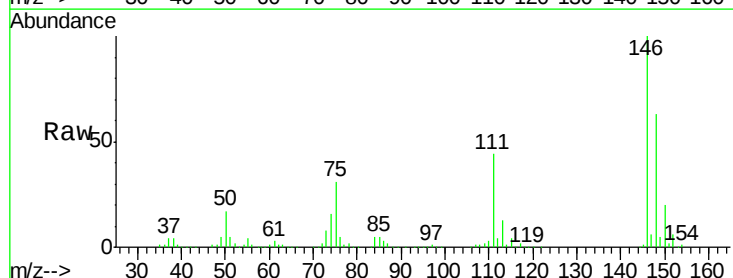
Manual Integrations
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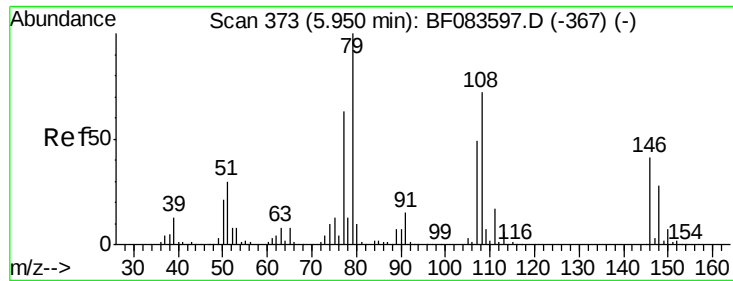
MMdadoda
 12/11/2015 6:01:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.70 ng
 RT: 5.85 min Scan# 364
 Delta R.T. -0.09 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
111	43.9	36.7	55.1





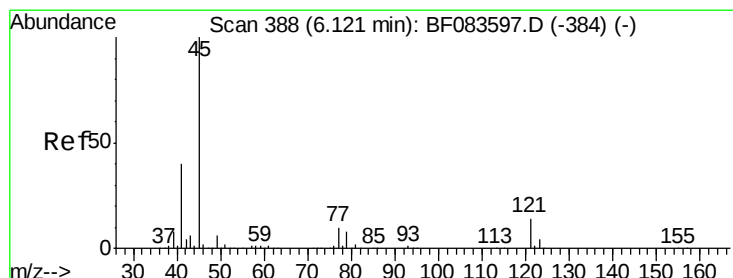
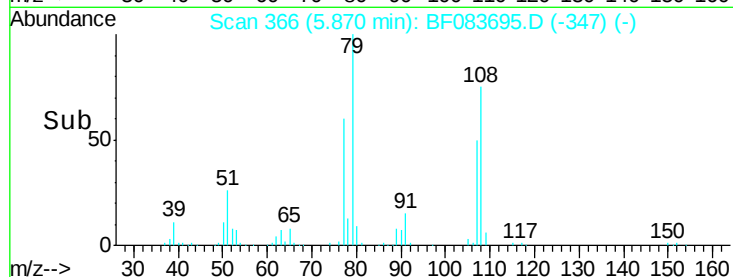
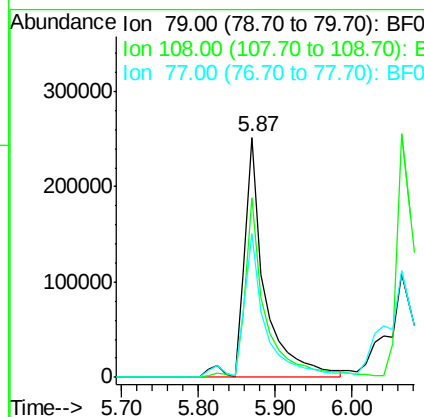
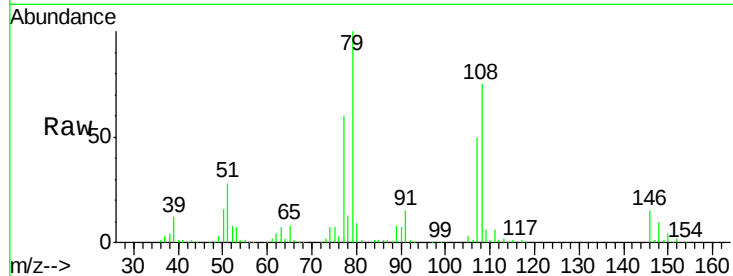
#15
Benzyl Alcohol
Concen: 49.30 ng
RT: 5.87 min Scan# 366
Delta R.T. -0.08 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.8	59.6	89.4
77	59.7	49.8	74.6

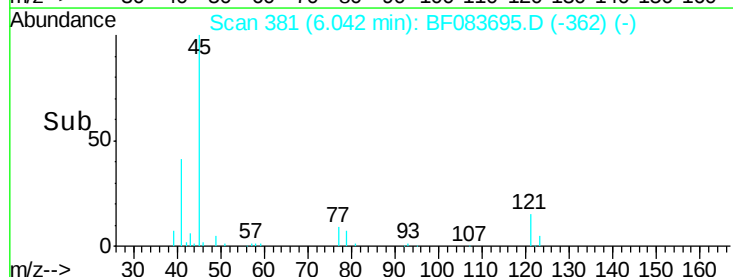
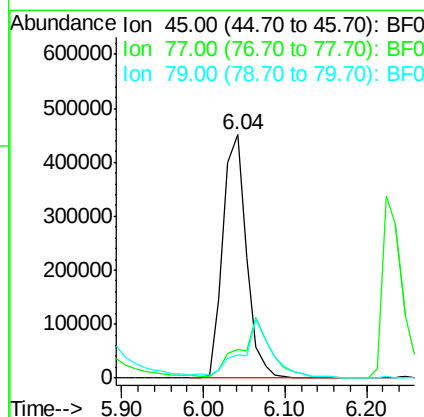
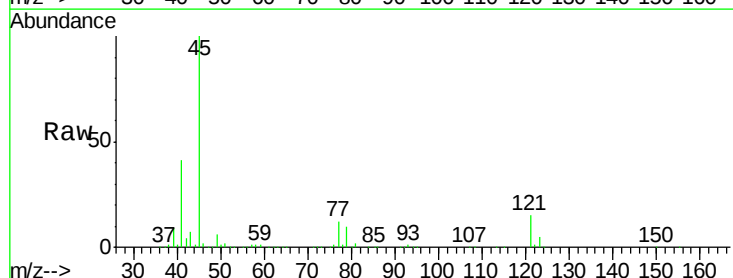
Manual Integrations
APPROVED

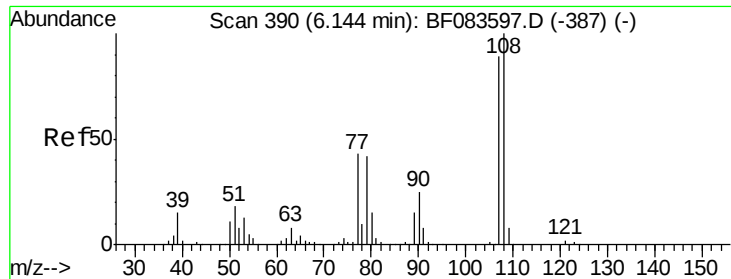
MMdadoda
12/11/2015 6:01:48 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.70 ng
RT: 6.04 min Scan# 381
Delta R.T. -0.08 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.0	12.8	52.8#
79	9.5	10.7	50.7#





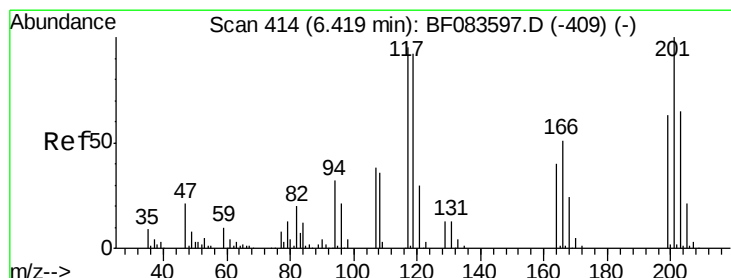
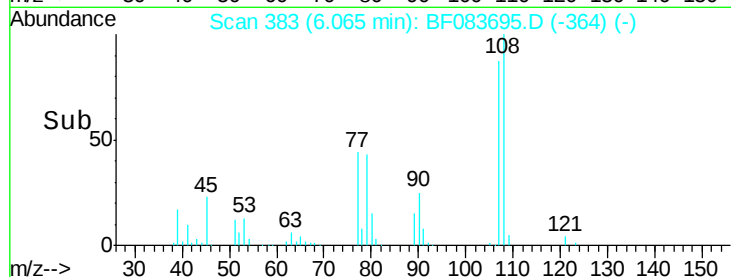
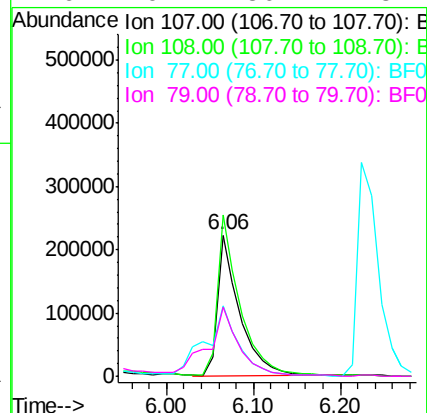
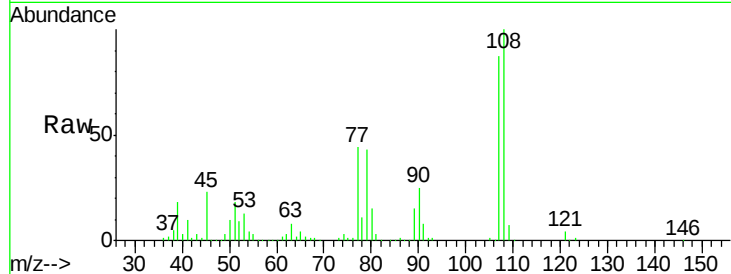
#17
2-Methylphenol
Concen: 44.21 ng
RT: 6.06 min Scan# 383
Delta R.T. -0.08 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	91.6	137.4	
77	50.3	53.7	80.5	
79	49.1	50.2	75.4	

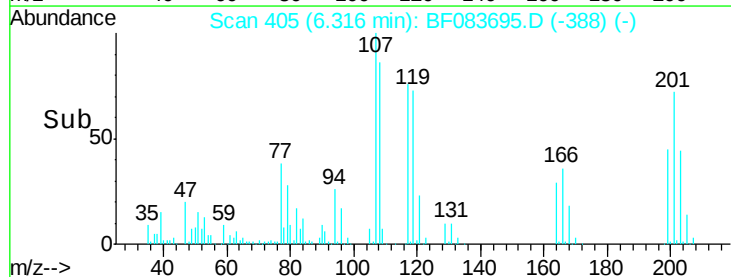
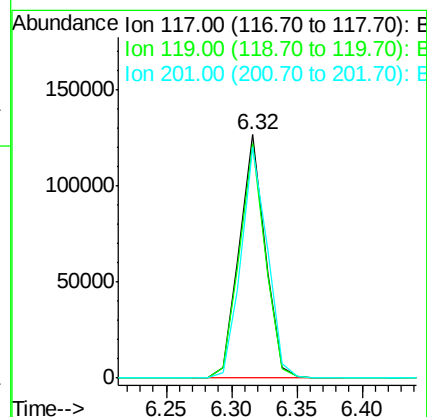
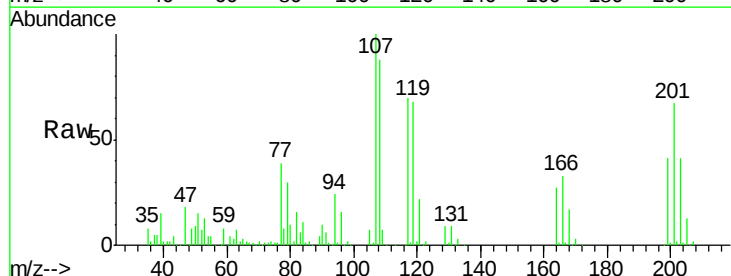
Manual Integrations
APPROVED

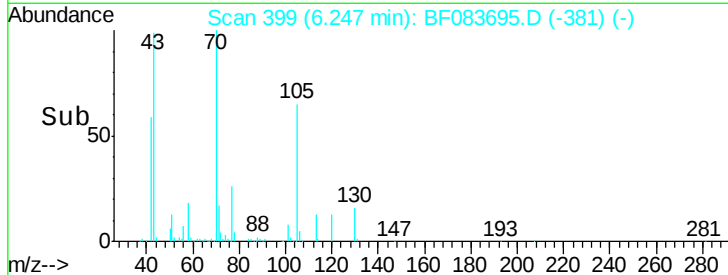
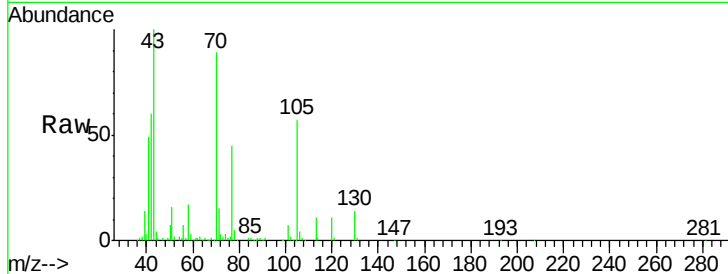
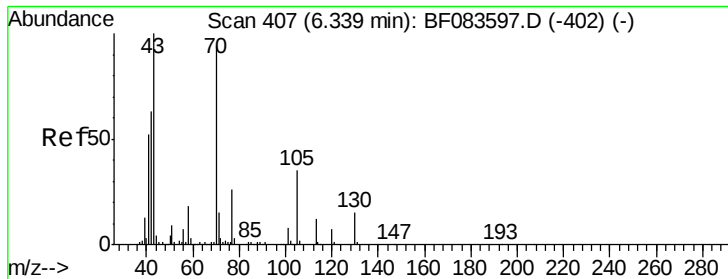
MMdadoda
12/11/2015 6:01:48 PM



#18
Hexachloroethane
Concen: 39.00 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.10 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

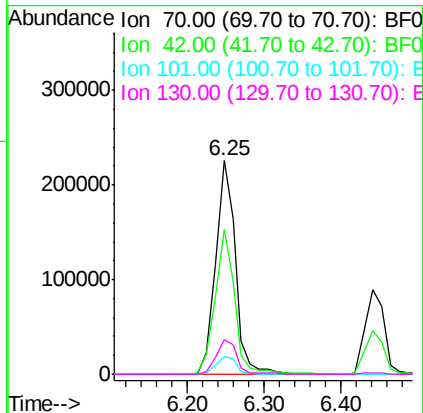
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.2	115.8	
201	94.8	86.8	130.2	





#19
n-Nitroso-di-n-propylamine
Concen: 43.20 ng
RT: 6.25 min Scan# 399
Delta R.T. -0.09 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

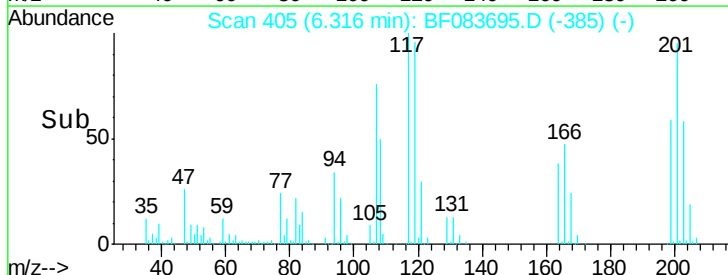
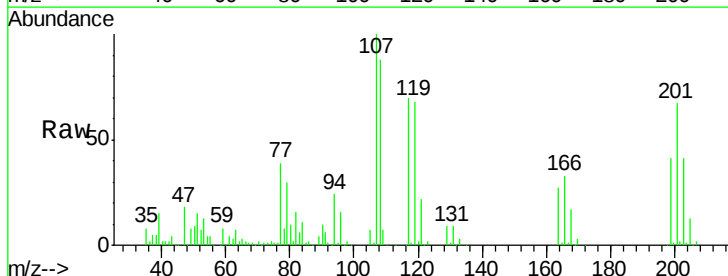
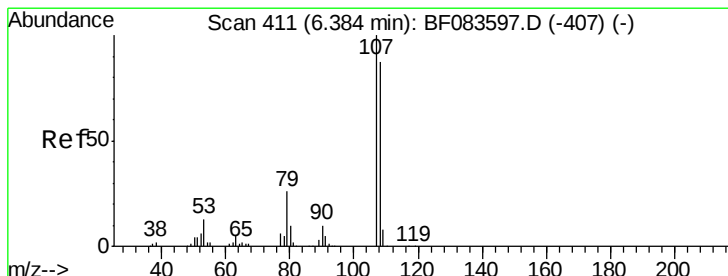
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.6	49.2	73.8	
101	8.4	7.1	10.7	
130	16.2	15.4	23.0	



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

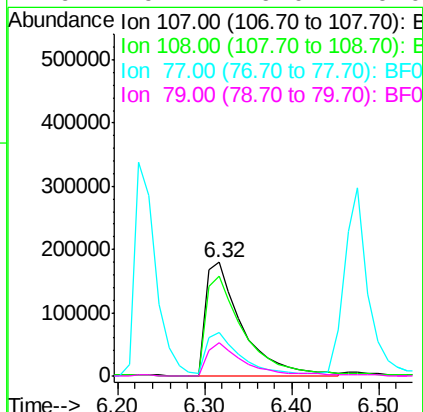
Manual Integrations
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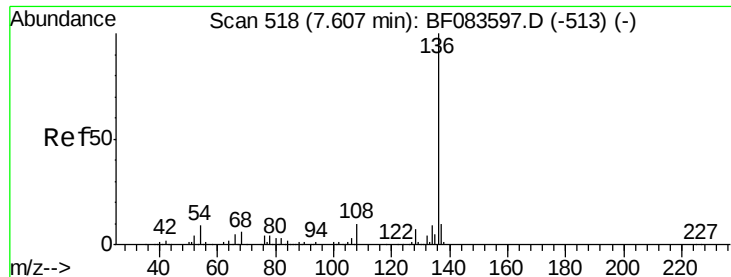
MMdadoda
12/11/2015 6:01:48 PM



#20
3+4-Methylphenols
Concen: 44.28 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.07 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.1	65.2	105.2	
77	38.8	15.2	55.2	
79	29.7	6.0	46.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.10 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

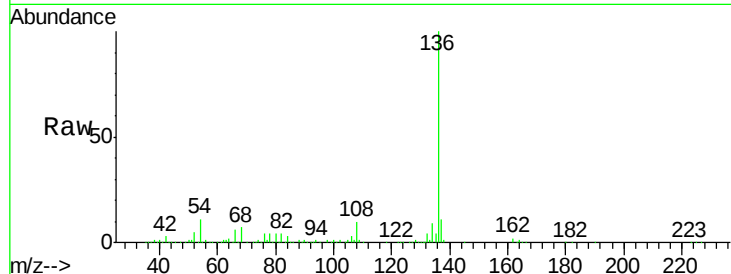
ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		578114		
137	11.1		8.7	13.1	
54	10.6		7.8	11.6	
68	7.0		5.7	8.5	

Manual Integrations
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MMdadoda
12/11/2015 6:01:48 PM



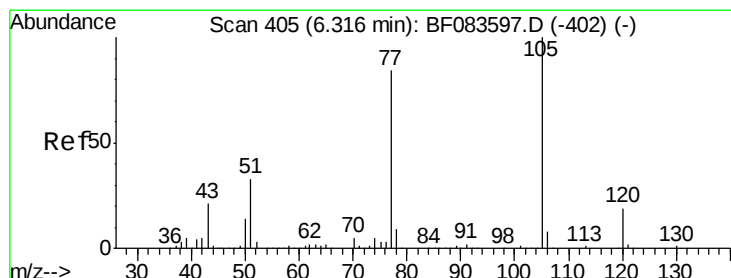
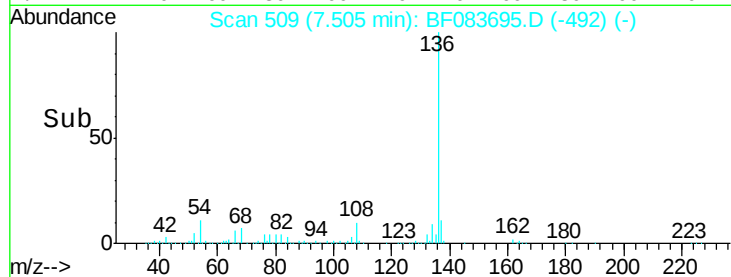
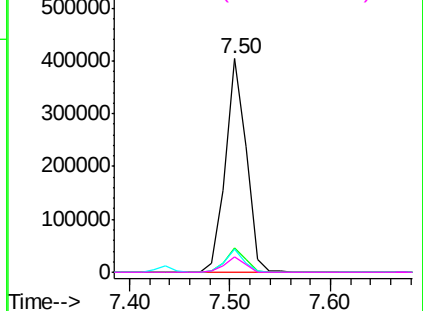
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.10 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		682743		
71	1.1		1.3	1.9#	
51	32.5		23.8	35.8	
120	19.7		16.7	25.1	

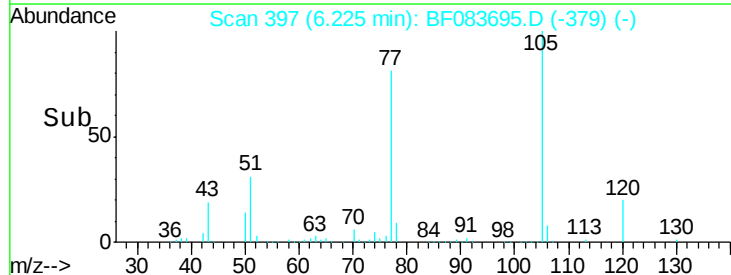
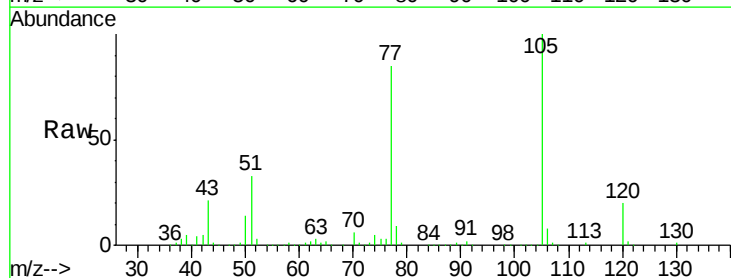
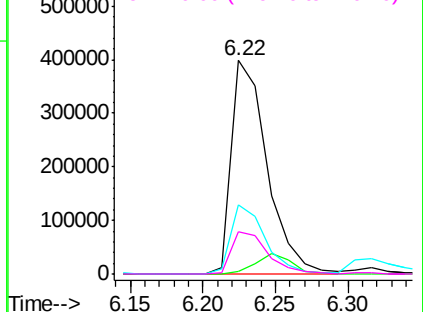
Abundance

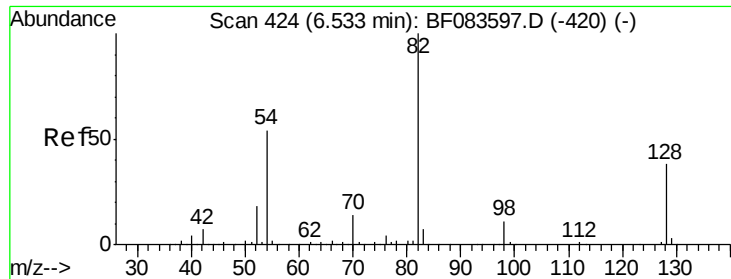
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





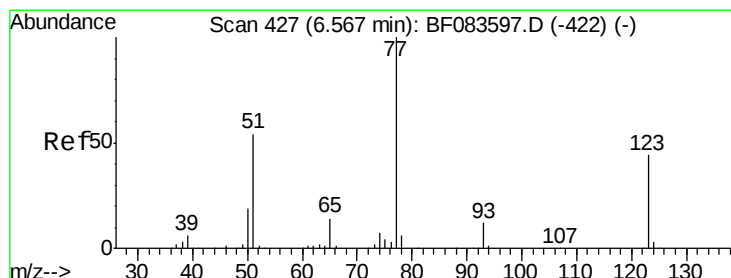
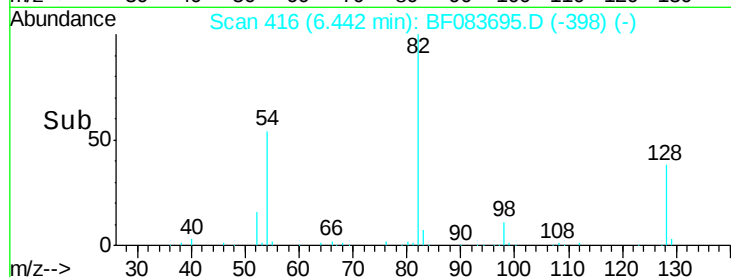
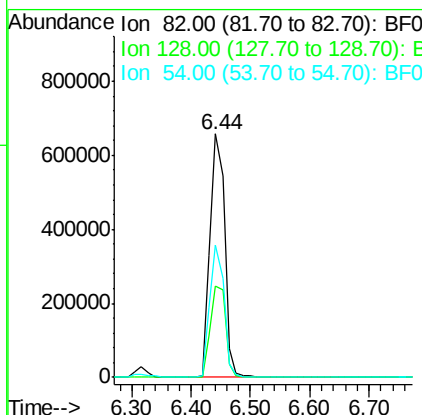
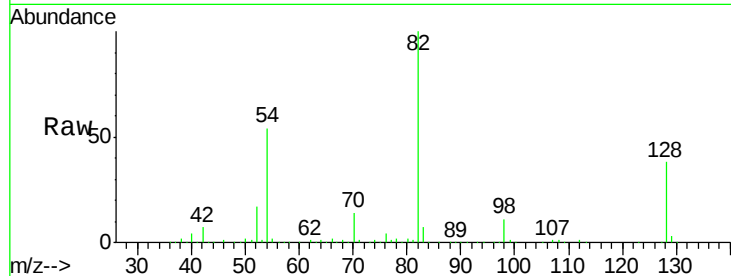
#23
Nitrobenzene-d5
Concen: 91.21 ng
RT: 6.44 min Scan# 416
Delta R.T. -0.09 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion: 82 Resp: 1130051
Ion Ratio Lower Upper
82 100
128 37.7 30.7 46.1
54 54.3 42.5 63.7

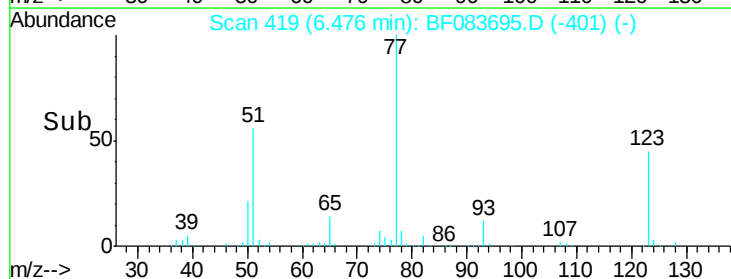
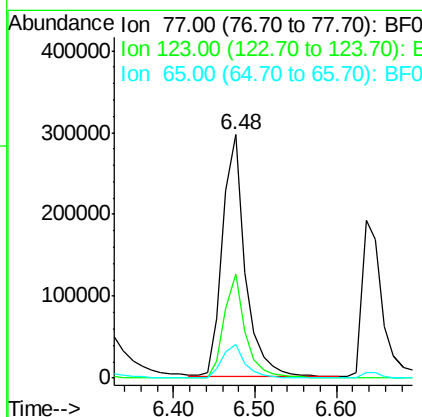
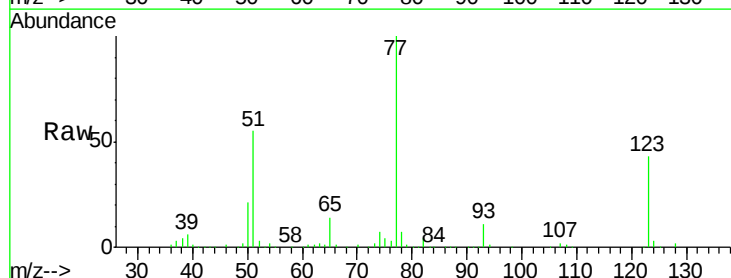
Manual Integrations
APPROVED

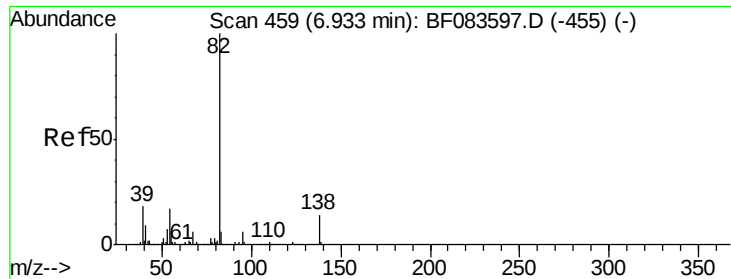
MMdadoda
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#24
Nitrobenzene
Concen: 41.22 ng
RT: 6.48 min Scan# 419
Delta R.T. -0.09 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion: 77 Resp: 564419
Ion Ratio Lower Upper
77 100
123 42.8 29.8 44.6
65 13.8 11.1 16.7





#25

Isophorone

Concen: 42.86 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

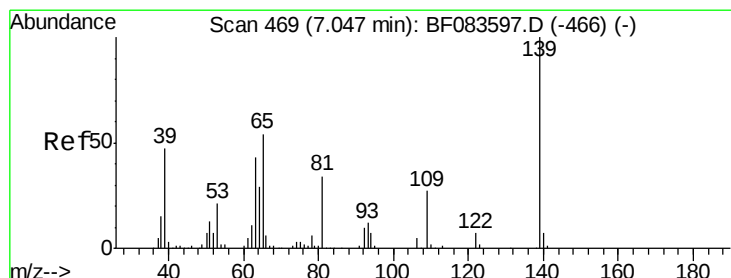
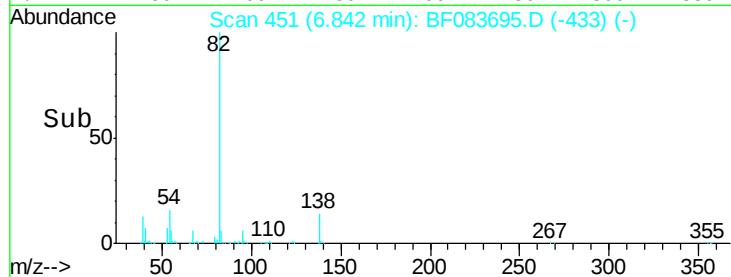
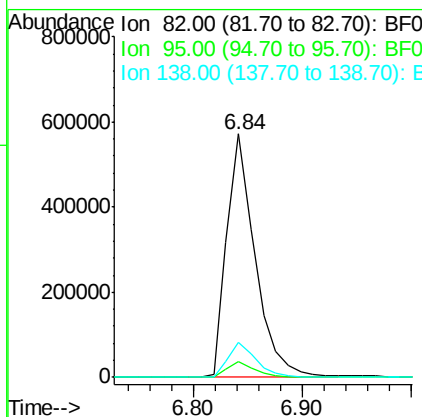
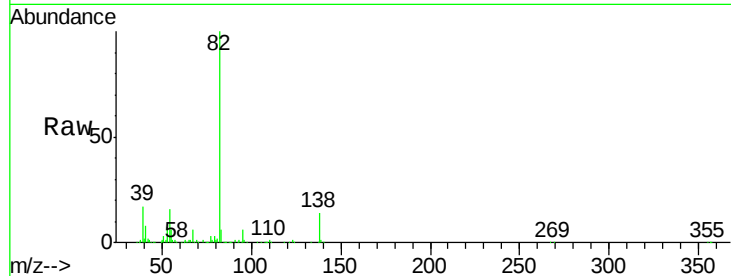
ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion:	82	Resp:	1030397
Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.0	7.4
138	14.5	12.1	18.1

Manual Integrations
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MMdadoda
12/11/2015 6:01:48 PM



#26

2-Nitrophenol

Concen: 43.85 ng

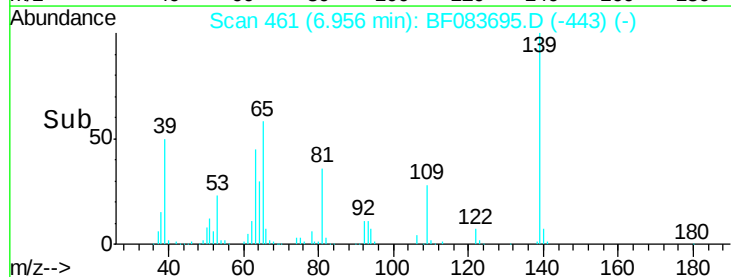
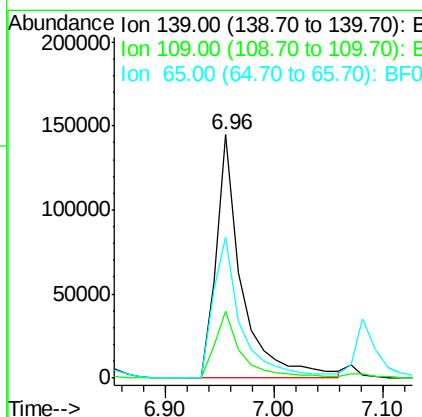
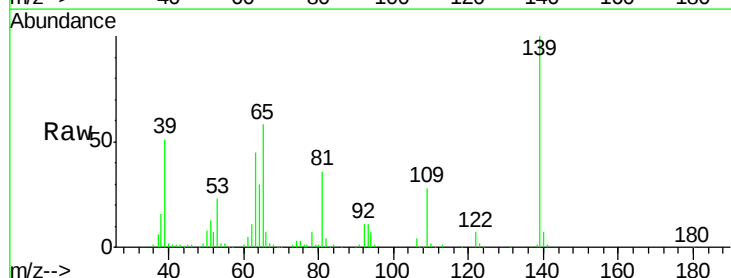
RT: 6.96 min Scan# 461

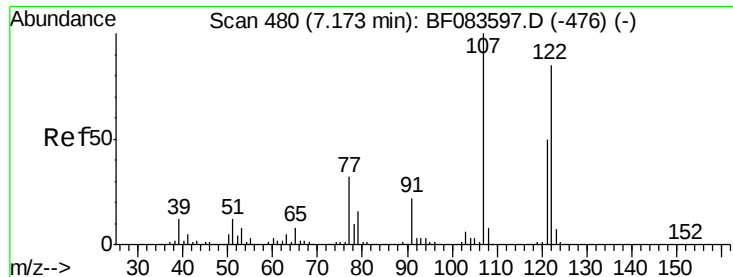
Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Tgt Ion:	139	Resp:	238401
Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	58.0	51.8	77.8





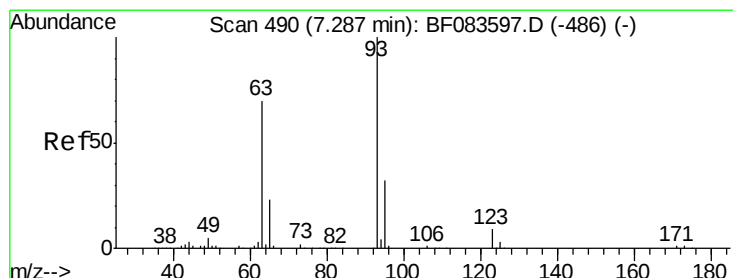
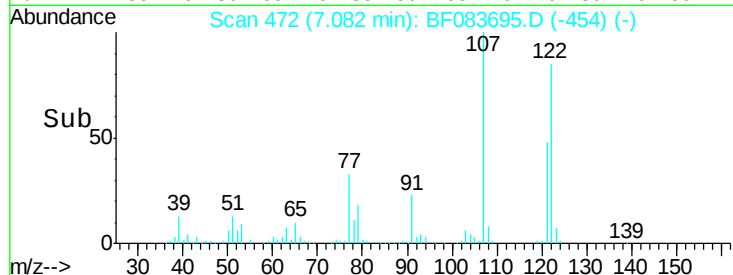
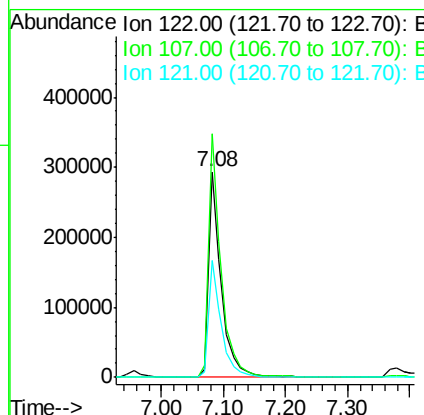
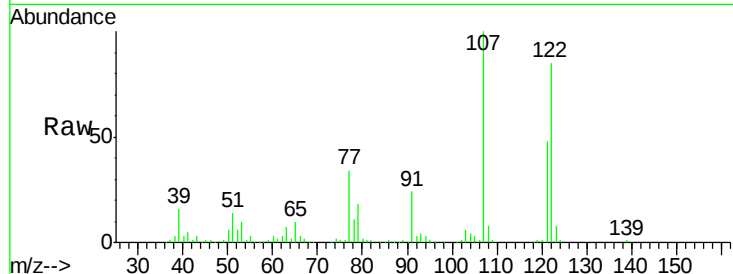
#27
 2,4-Dimethylphenol
 Concen: 43.46 ng
 RT: 7.08 min Scan# 472
 Delta R.T. -0.09 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
413404	122	100			
	107	118.3	92.4	138.6	
	121	56.8	45.8	68.6	

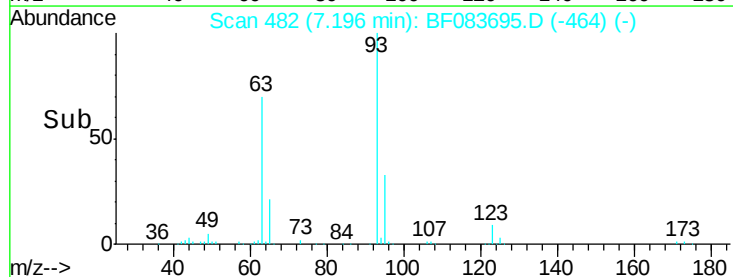
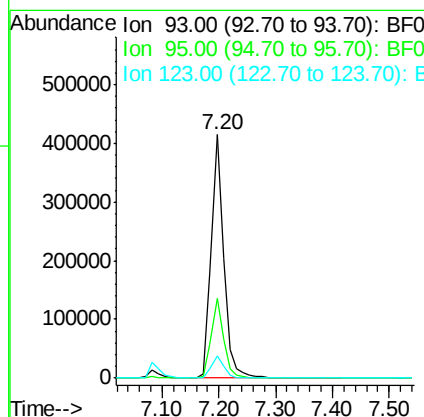
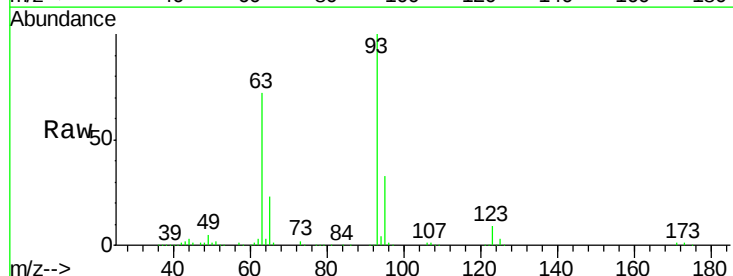
Manual Integrations
 APPROVED

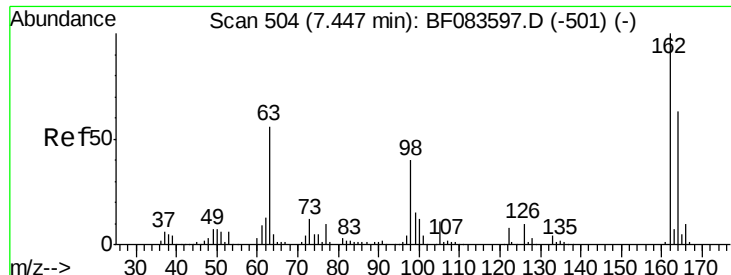
MMdadoda
 12/11/2015 6:01:48 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.19 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.09 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
616684	93	100			
	95	32.7	25.6	38.4	
	123	9.2	7.3	10.9	





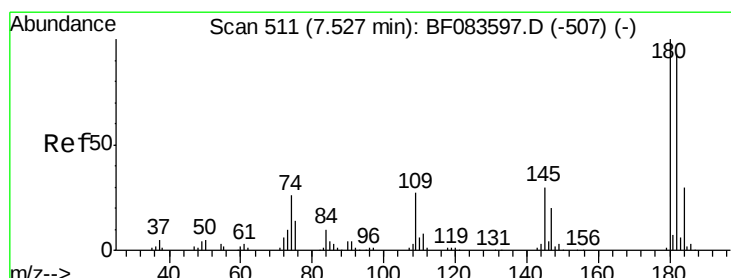
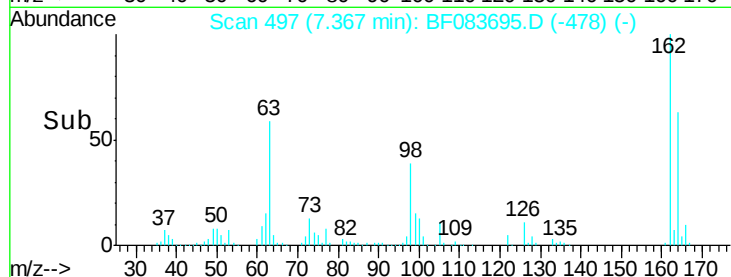
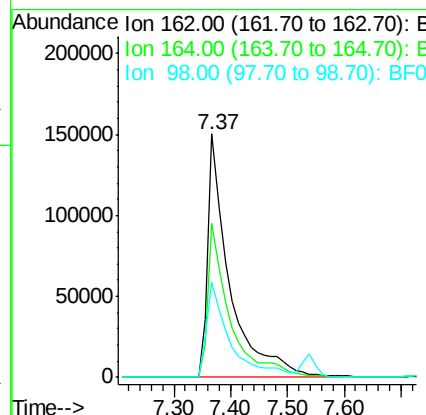
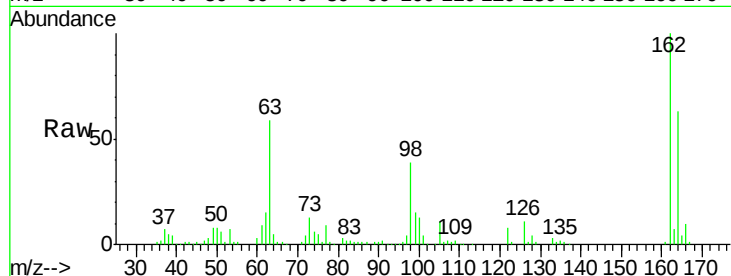
#29
 2,4-Dichlorophenol
 Concen: 45.23 ng
 RT: 7.37 min Scan# 497
 Delta R.T. -0.08 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

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

Tot Ion:	162	Resp:	391240
Ion Ratio	Lower	Upper	
162	100		
164	63.3	43.4	83.4
98	39.3	17.5	57.5

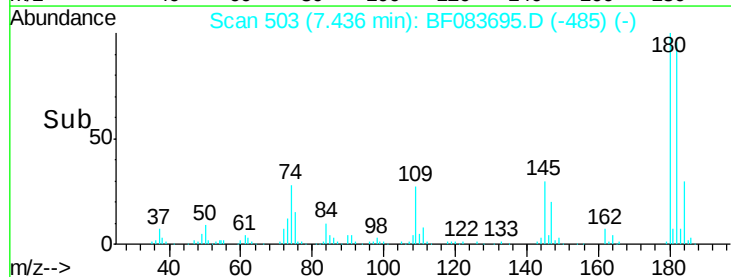
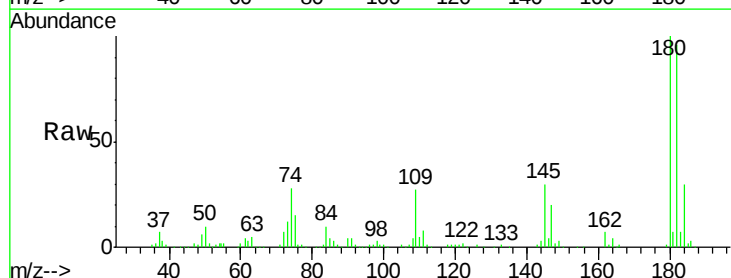
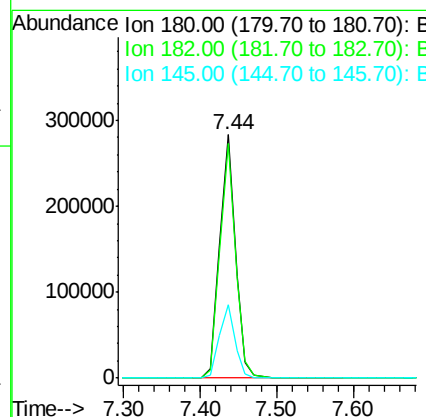
Manual Integrations
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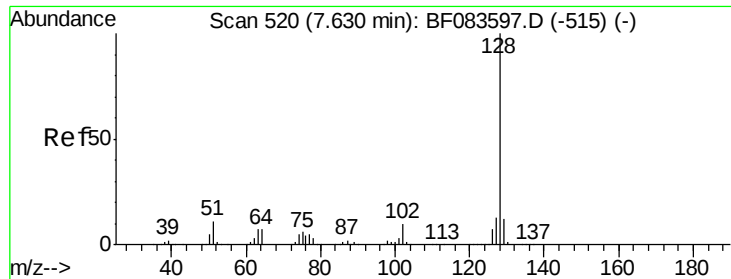
MMdadoda
 12/11/2015 6:01:48 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.53 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.09 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

Tgt Ion:	180	Resp:	406366
Ion Ratio	Lower	Upper	
180	100		
182	96.3	74.9	112.3
145	29.9	24.7	37.1





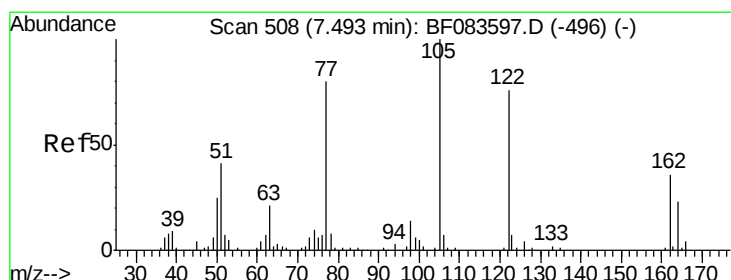
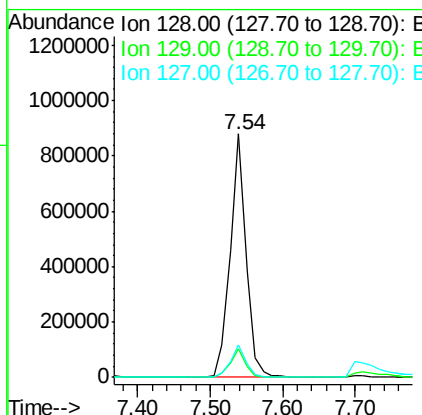
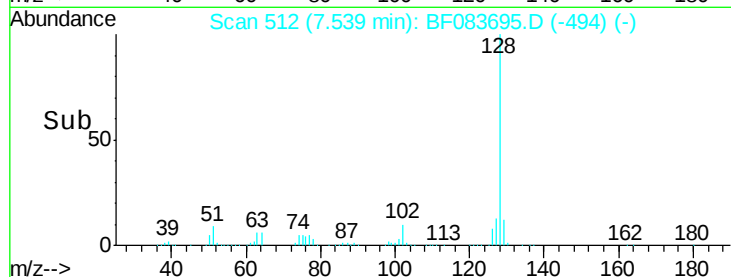
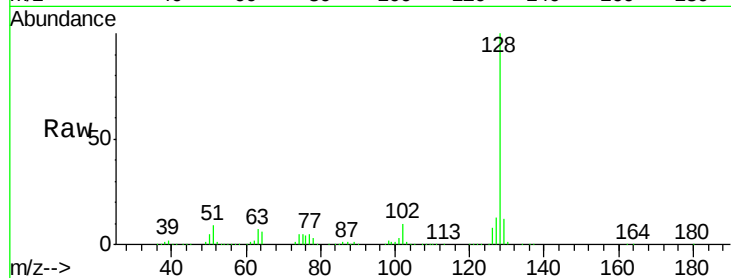
#31
Naphthalene
Concen: 43.57 ng
RT: 7.54 min Scan# 512
Delta R.T. -0.09 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion:128 Resp: 1334173
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.4 10.6 16.0

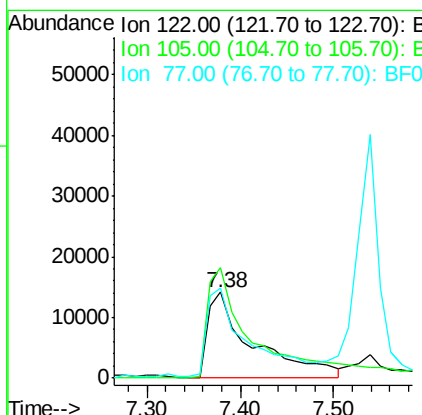
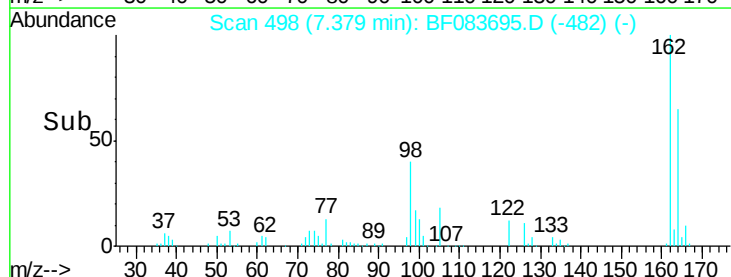
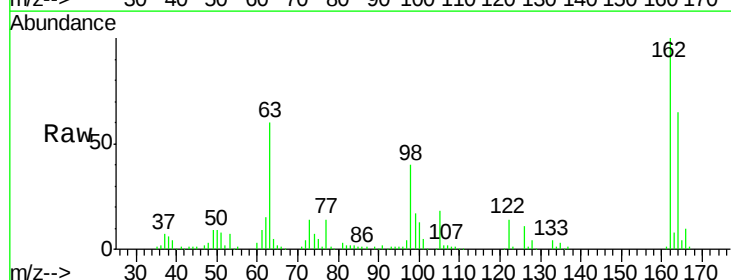
Manual Integrations
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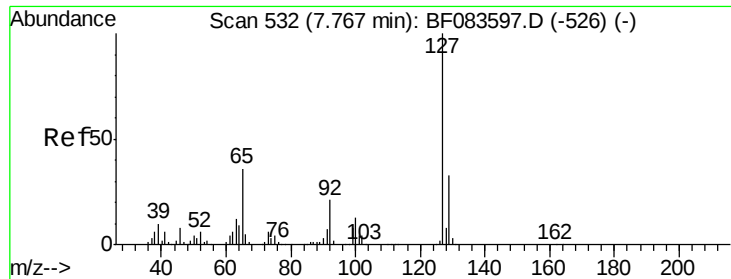
MMdadoda
12/11/2015 6:01:48 PM



#32
Benzoic acid
Concen: 10.41 ng
RT: 7.38 min Scan# 498
Delta R.T. -0.11 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion:122 Resp: 48001
Ion Ratio Lower Upper
122 100
105 128.2 105.6 145.6
77 105.0 86.8 126.8





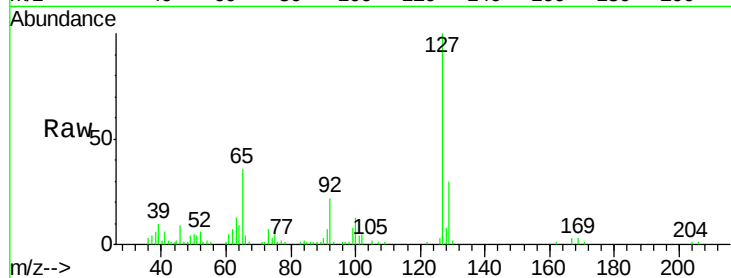
#33
4-Chloroaniline
Concen: 17.32 ng
RT: 7.70 min Scan# 526
Delta R.T. -0.07 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

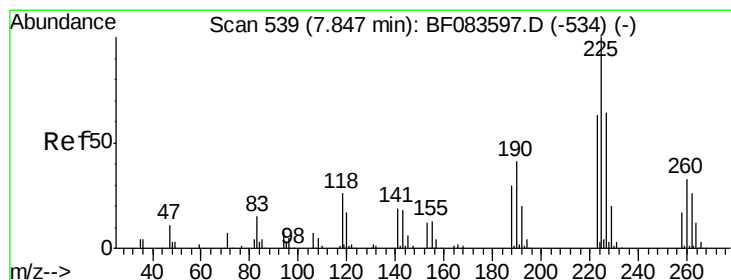
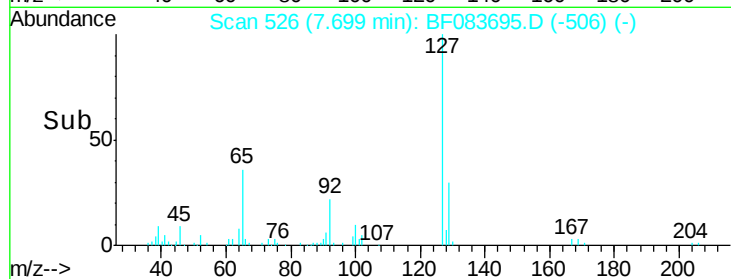
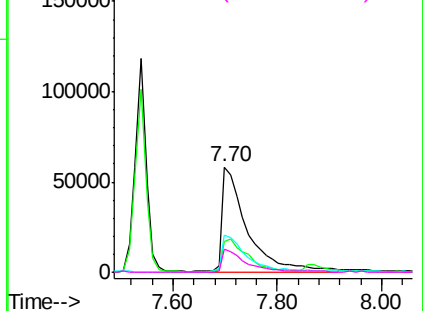
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		193326		
129	29.7	26.1	39.1		
65	35.6	33.5	50.3		
92	21.7	18.6	28.0		

Manual Integrations
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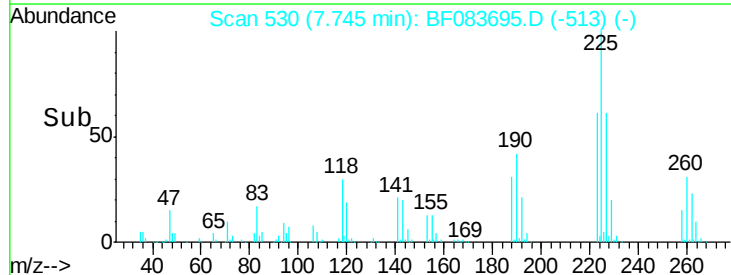
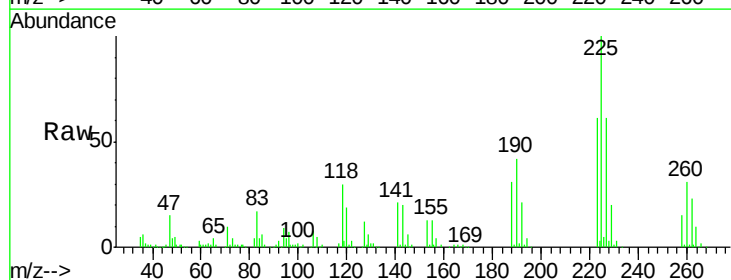
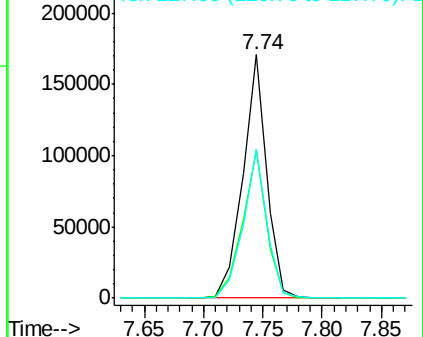
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

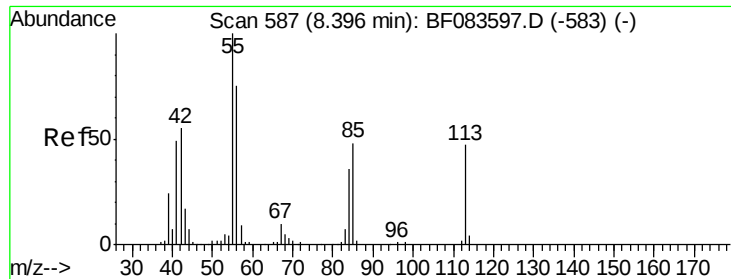


#34
Hexachlorobutadiene
Concen: 42.75 ng
RT: 7.74 min Scan# 530
Delta R.T. -0.10 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		238621		
223	60.6	52.3	78.5		
227	61.4	50.4	75.6		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.76 ng/ml

RT: 8.29 min Scan# 578

Delta R.T. -0.10 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

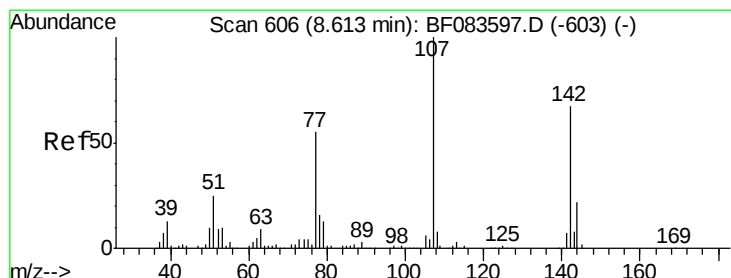
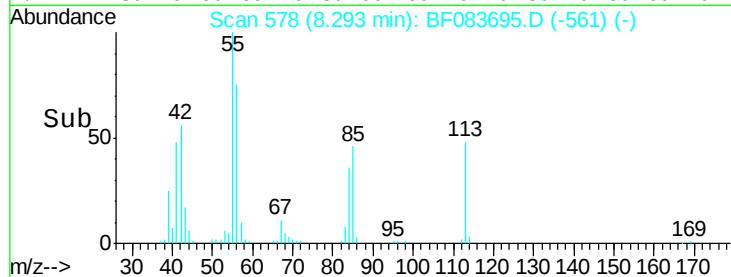
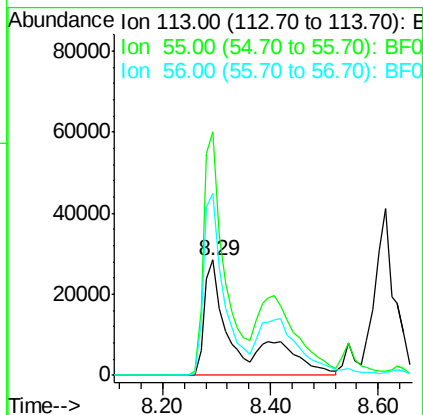
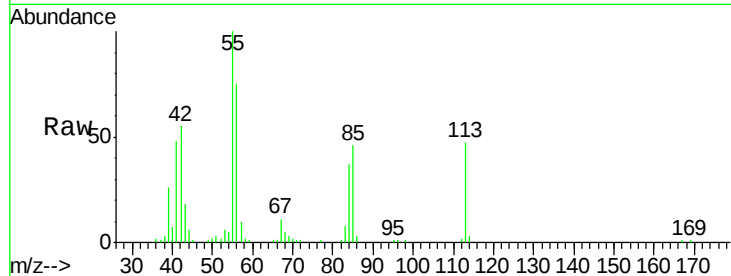
ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion:	113	Resp:	118810
Ion Ratio	Lower	Upper	
113	100		
55	211.2	189.7	229.7
56	158.1	130.7	170.7

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#36

4-Chloro-3-methylphenol

Concen: 42.92 ng/ml

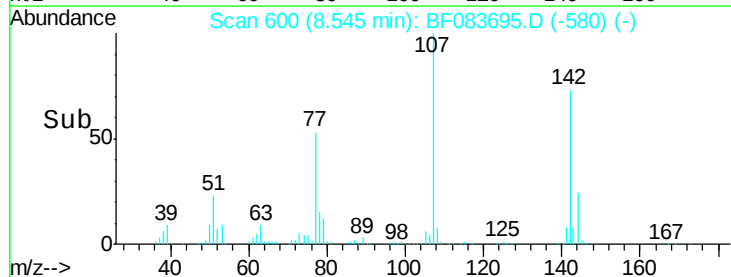
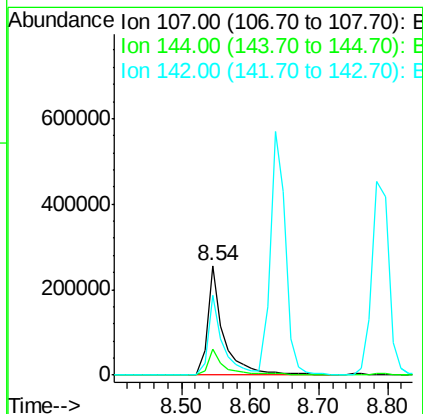
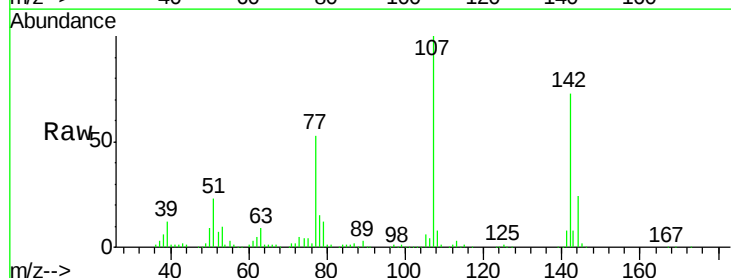
RT: 8.54 min Scan# 600

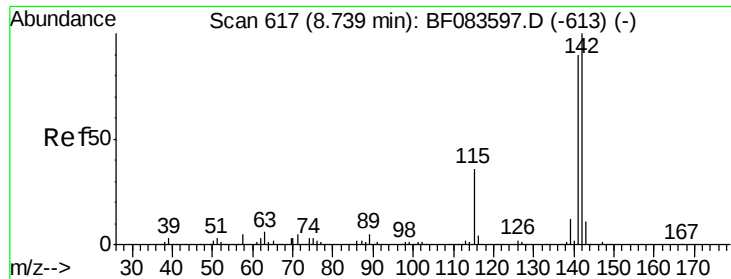
Delta R.T. -0.07 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Tgt Ion:	107	Resp:	417114
Ion Ratio	Lower	Upper	
107	100		
144	23.7	17.5	26.3
142	72.8	53.6	80.4





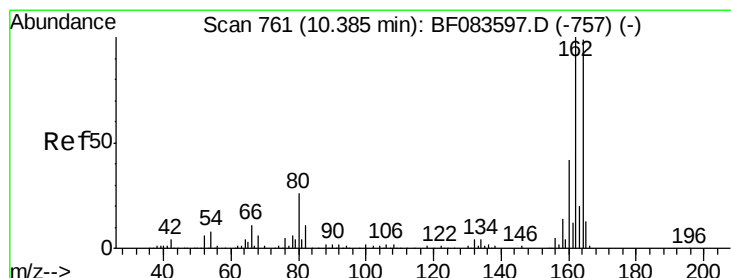
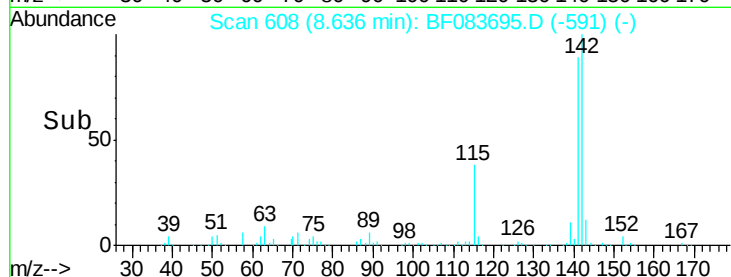
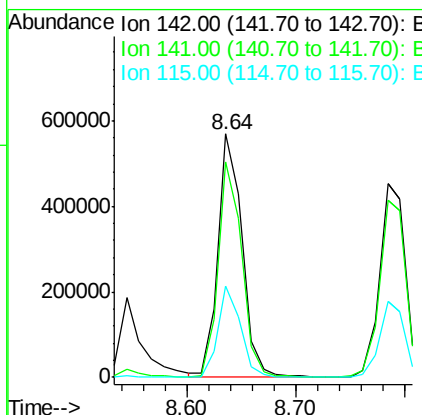
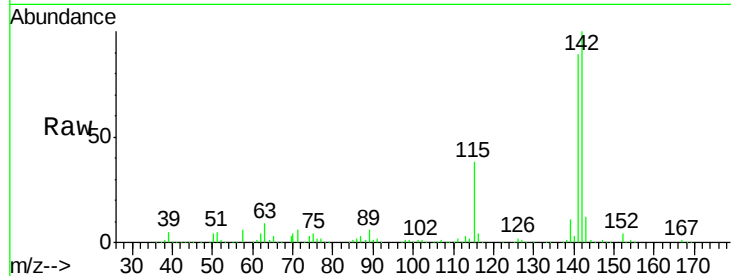
#37
2-Methylnaphthalene
Concen: 45.97 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.10 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	37.5	29.2	43.8

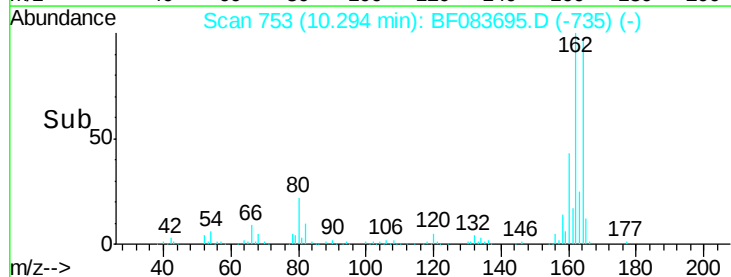
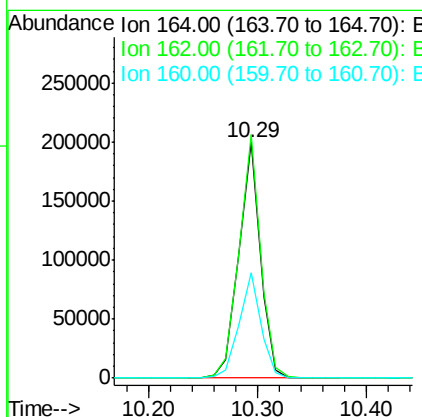
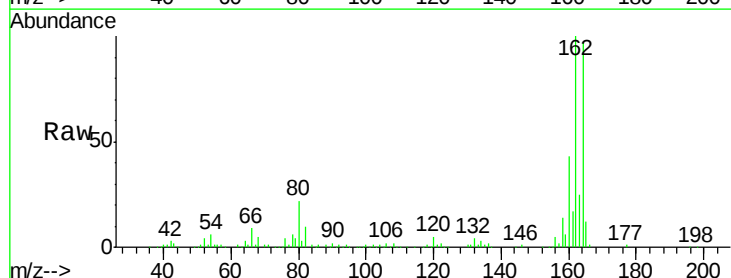
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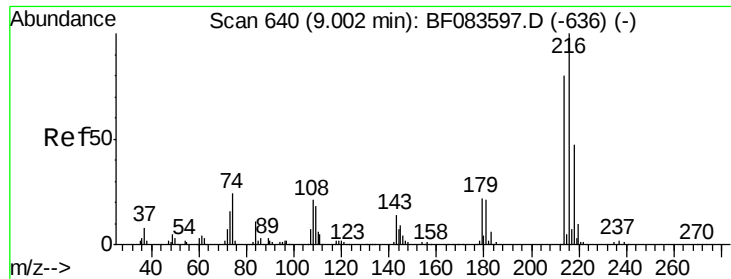
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	44.8	33.4	50.2





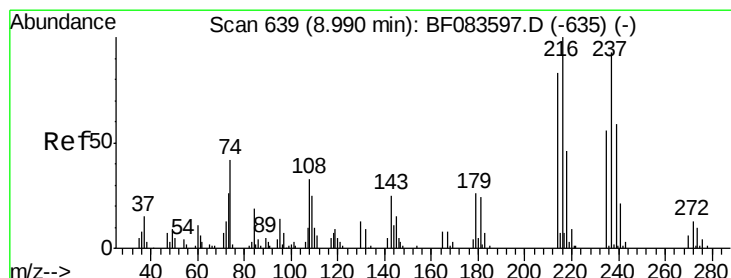
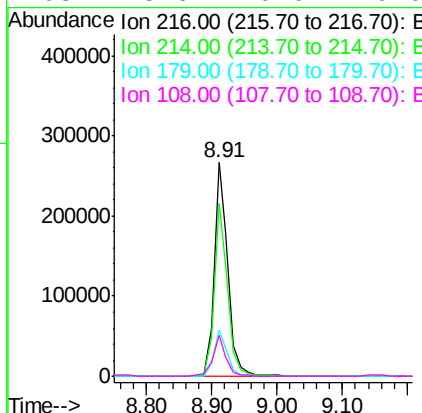
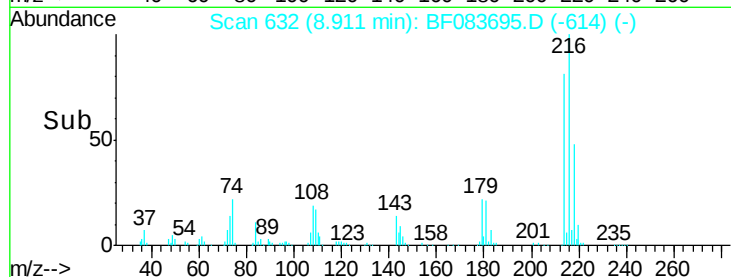
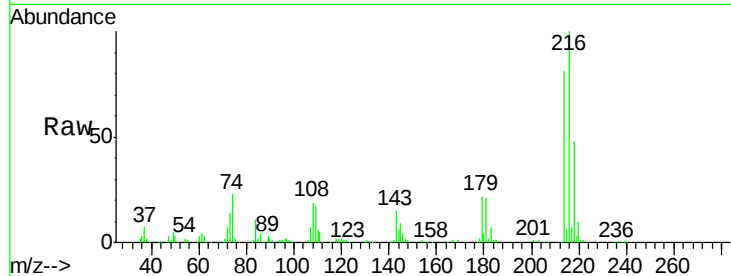
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.63 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.09 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
390896	216	100			
	216	100			
	214	79.4	0.0	0.0	0.0
	179	21.1	0.0	0.0	0.0
	108	18.6	0.0	0.0	0.0

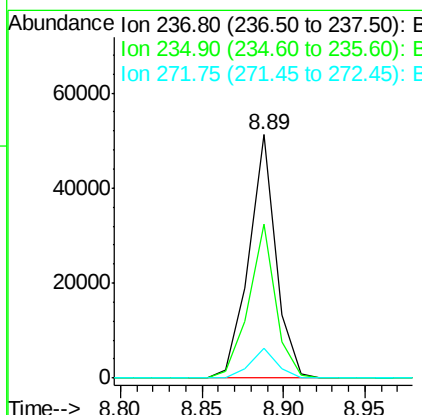
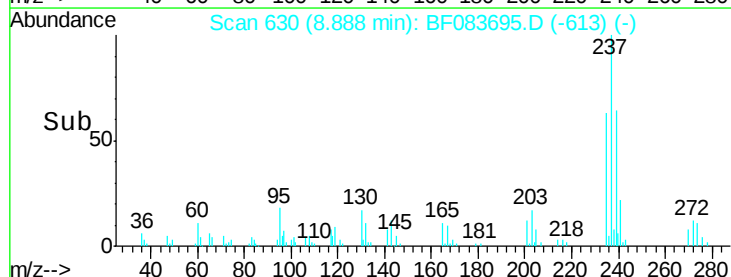
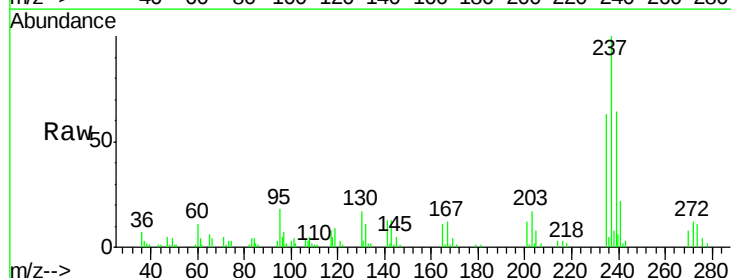
Manual Integrations
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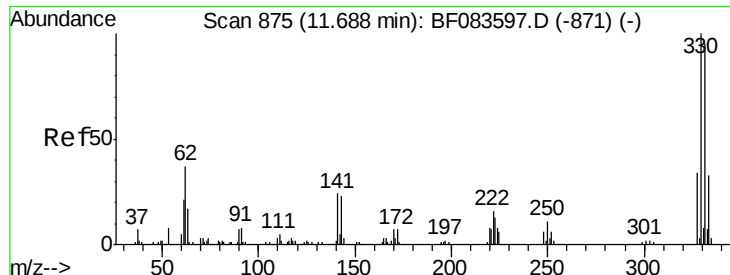
MMdadoda
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#40
 Hexachlorocyclopentadiene
 Concen: 44.91 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.10 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
59187	237	100			
	237	100			
	235	63.1	43.9	83.9	
	272	12.0	0.0	31.8	





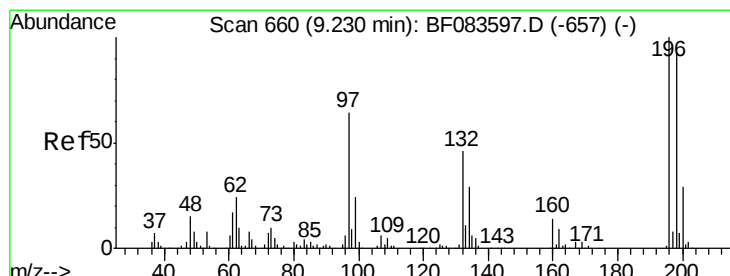
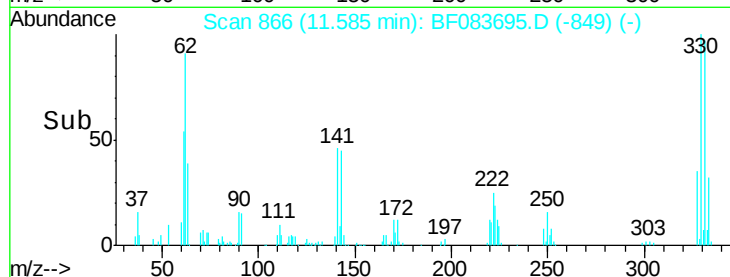
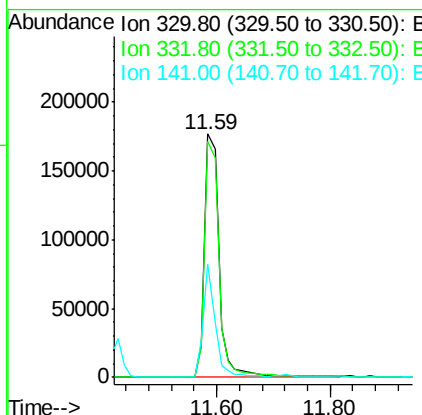
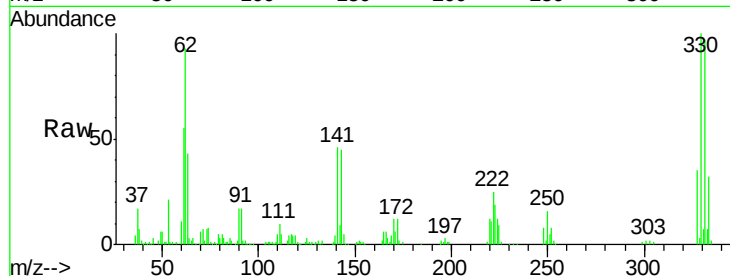
#41
 2,4,6-Tribromophenol
 Concen: 126.63 ng
 RT: 11.59 min Scan# 866
 Delta R.T. -0.10 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	37.8	0.0	0.0#

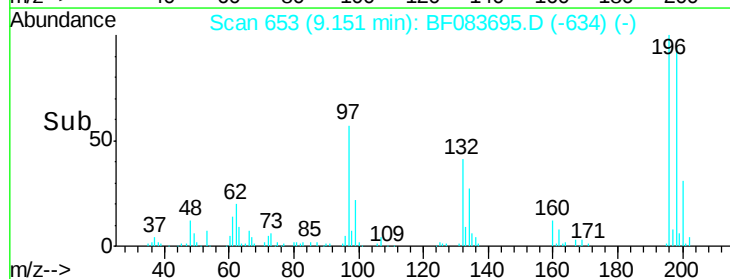
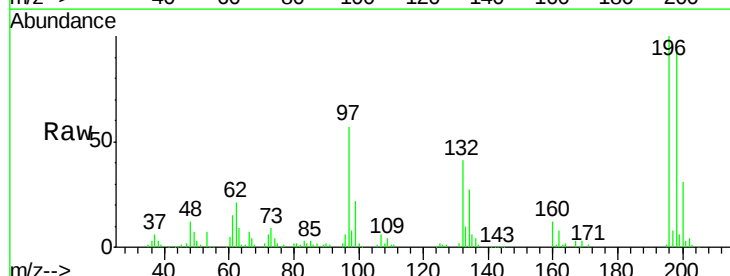
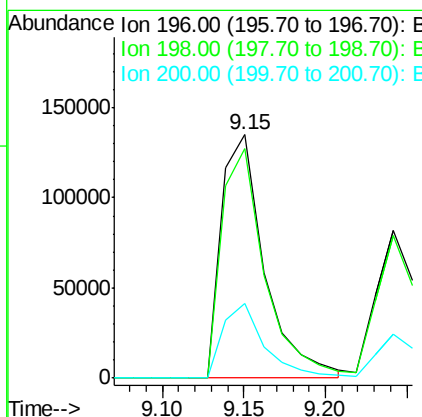
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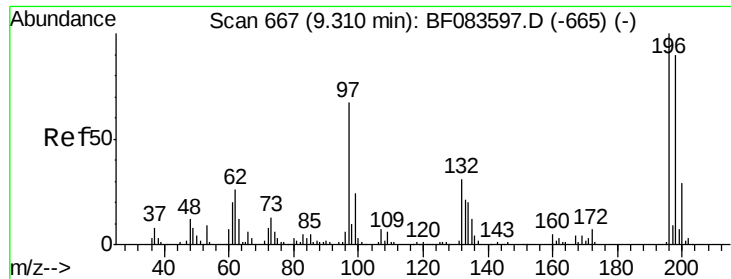
MMdadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 46.35 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.08 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.5	75.2	112.8
200	30.8	23.0	34.6





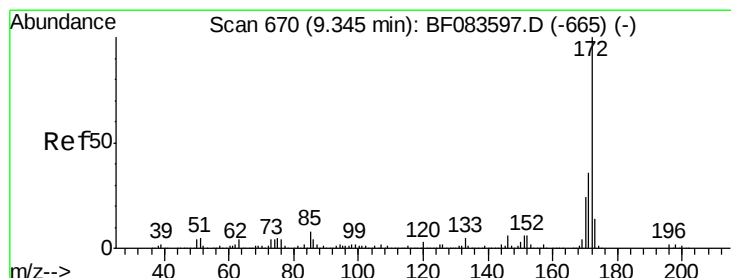
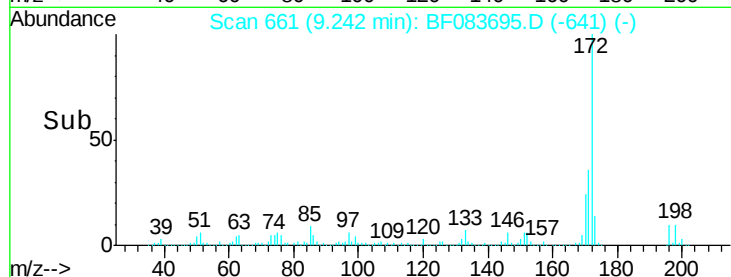
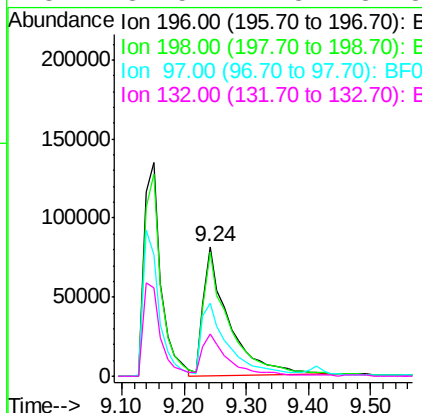
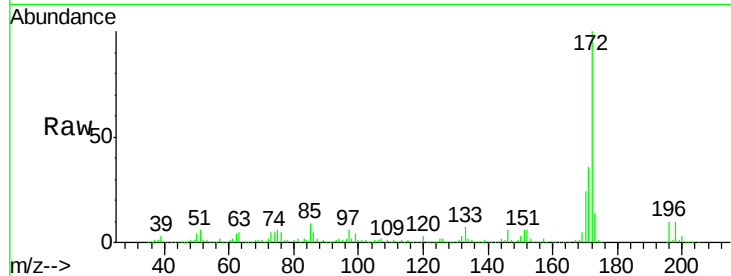
#43
 2,4,5-Trichlorophenol
 Concen: 43.58 ng
 RT: 9.24 min Scan# 661
 Delta R.T. -0.07 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		229979		
198	96.5	77.7	116.5		
97	56.5	41.2	61.8		
132	32.5	21.8	32.8		

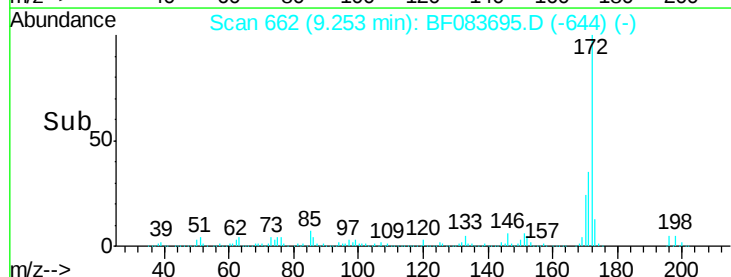
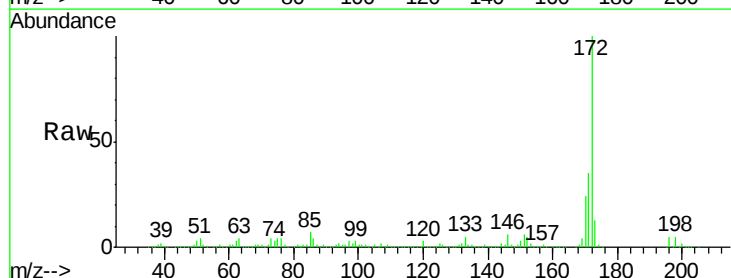
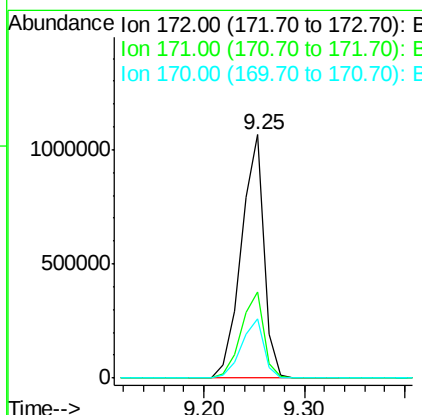
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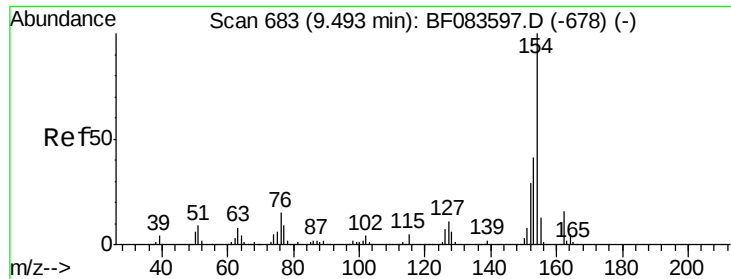
MMdadoda
 12/11/2015 6:01:48 PM



#44
 2-Fluorobiphenyl
 Concen: 85.72 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.09 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1662119		
171	35.4	28.6	42.8		
170	24.5	19.4	29.0		





#45

1,1'-Biphenyl

Concen: 43.40 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion:154 Resp: 1029497

Ion Ratio Lower Upper

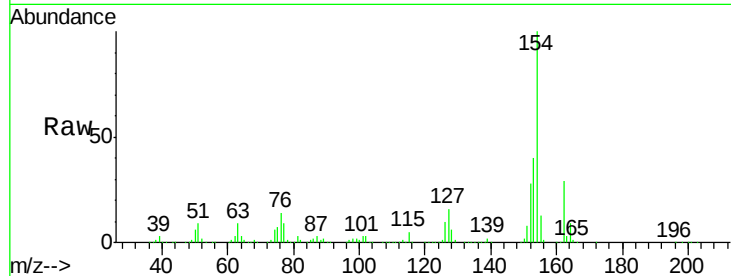
154 100

153 39.9 20.2 60.2

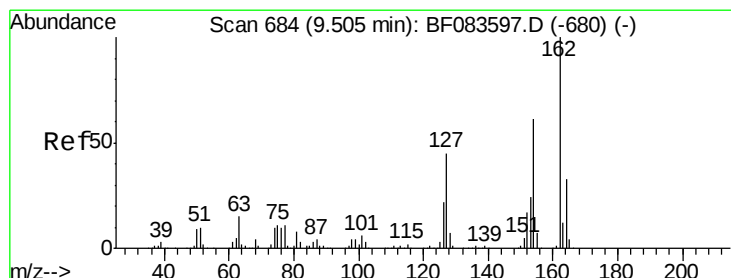
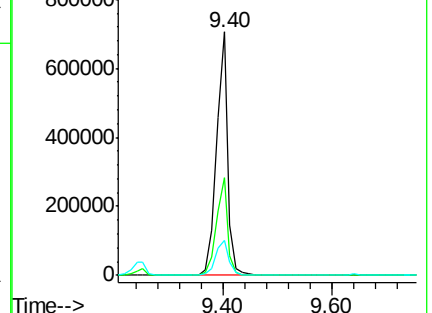
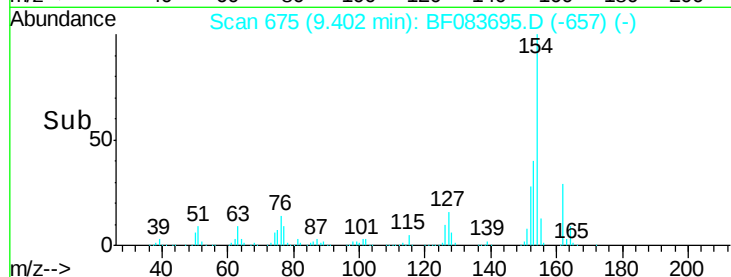
76 14.5 0.0 34.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.60 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

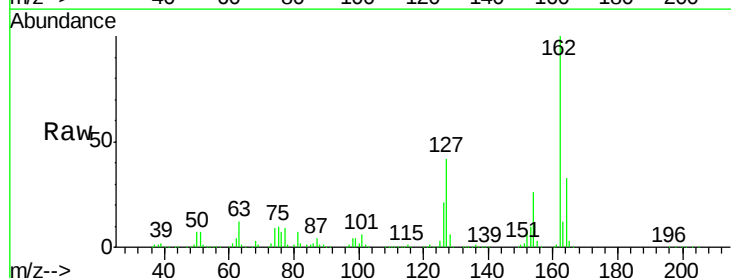
Tgt Ion:162 Resp: 780792

Ion Ratio Lower Upper

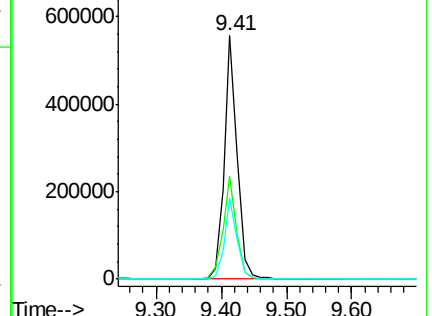
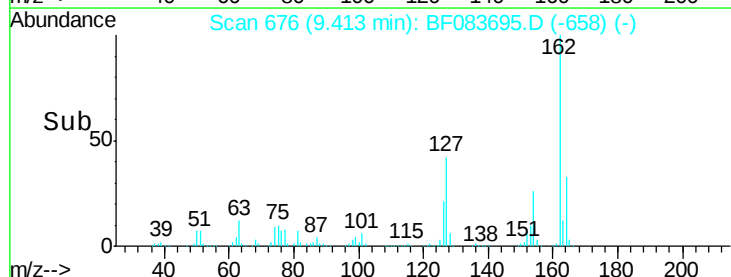
162 100

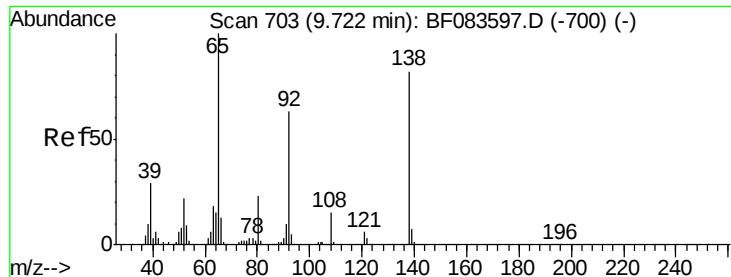
127 42.1 31.0 46.4

164 33.3 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.58 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.08 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

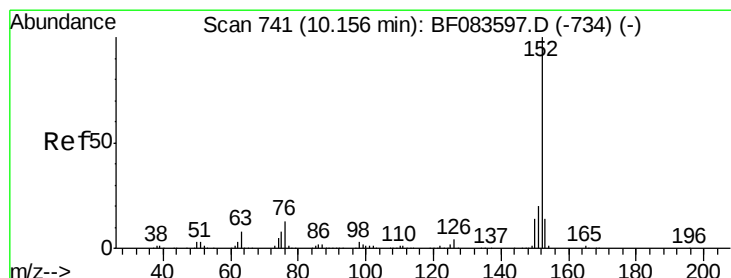
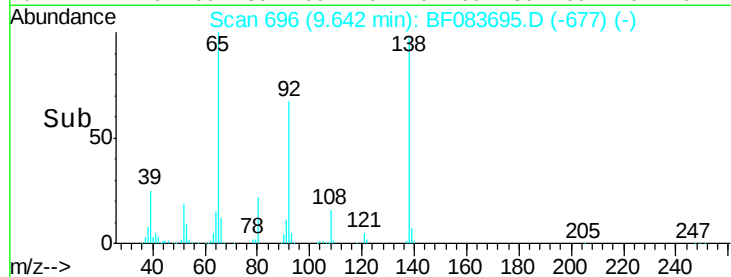
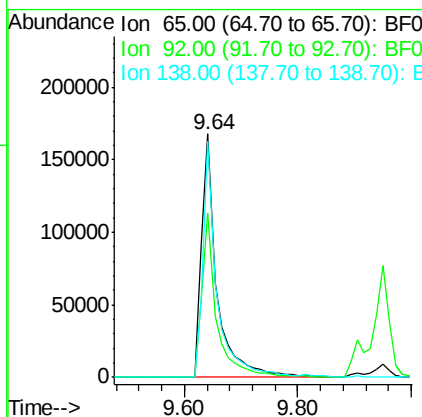
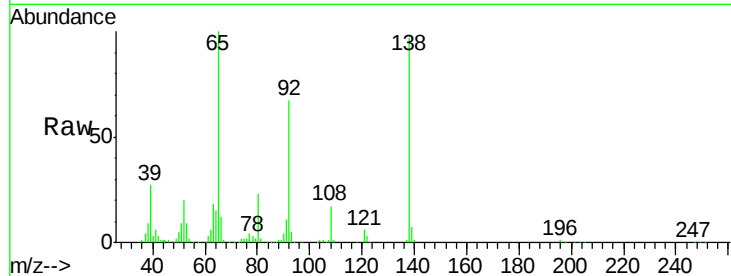
ClientSampleId :

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Tot Ion:	65	Resp:	307327
Ion Ratio	Lower	Upper	
65	100		
92	67.2	49.6	74.4
138	97.0	64.1	96.1#

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#48

Acenaphthylene

Concen: 41.14 ng

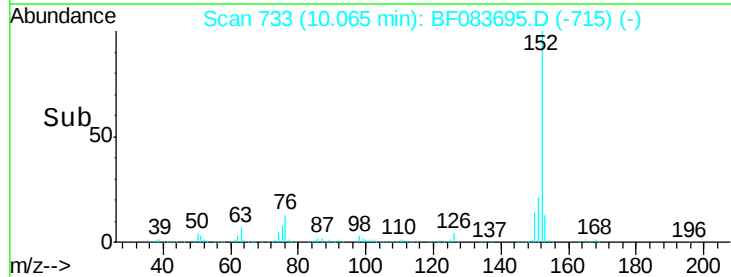
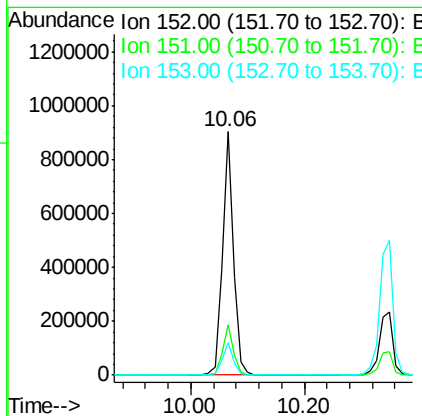
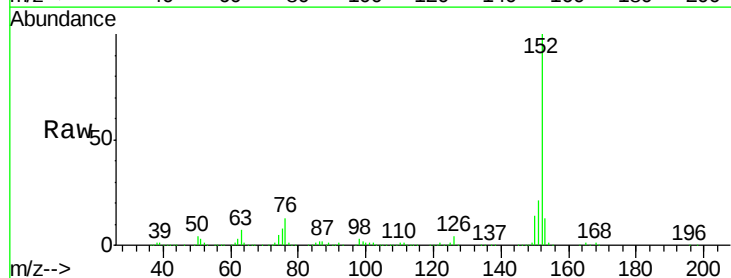
RT: 10.06 min Scan# 733

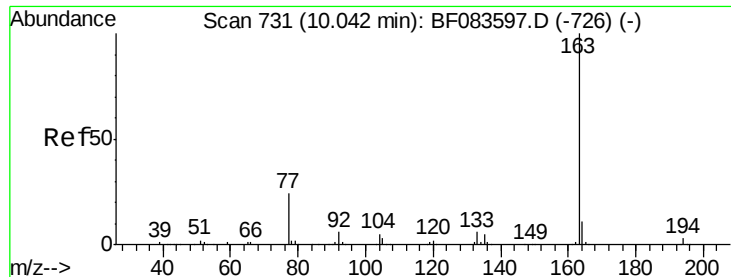
Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Tgt Ion:	152	Resp:	1214705
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.4	10.8	16.2





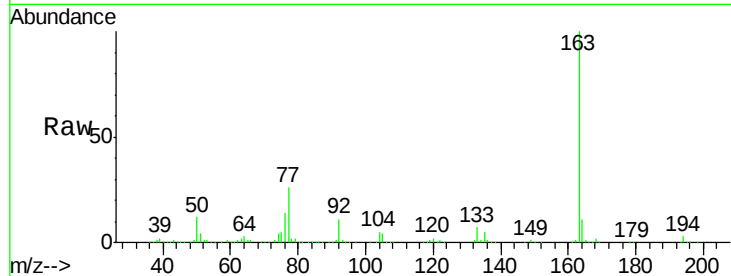
#49
Dimethylphthalate
Concen: 54.24 ng
RT: 9.95 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

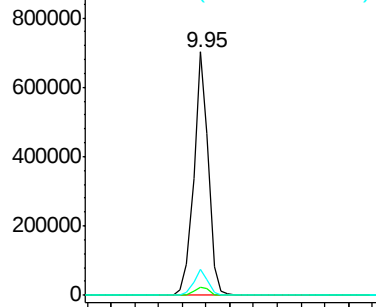
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.5	8.6	13.0

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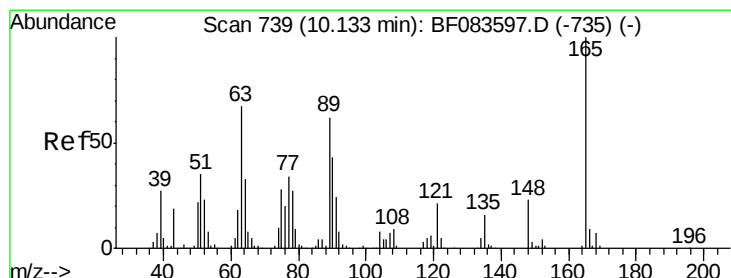
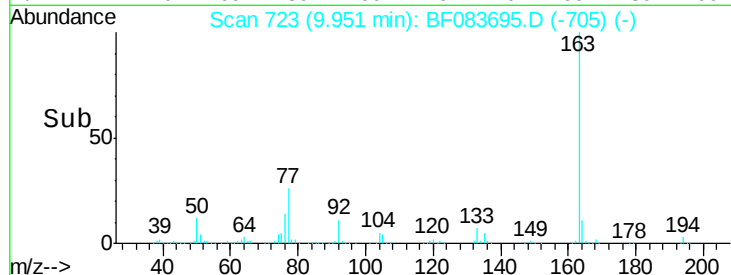
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

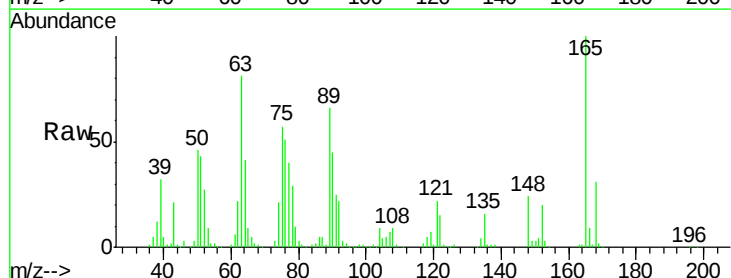


Time-->

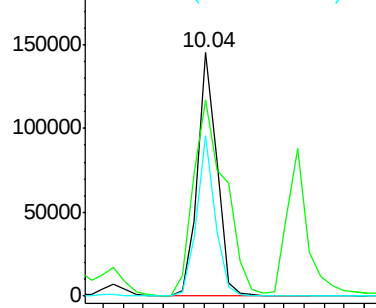


#50
2,6-Dinitrotoluene
Concen: 43.60 ng
RT: 10.04 min Scan# 731
Delta R.T. -0.09 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

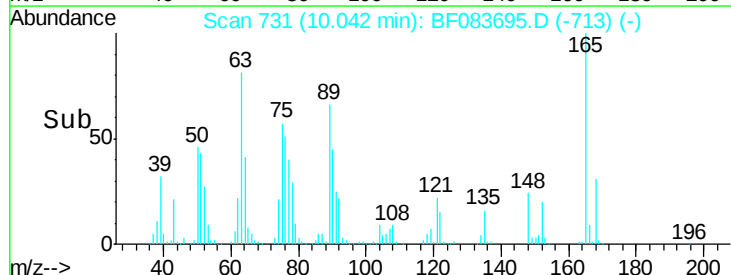
Tgt Ion	Ratio	Lower	Upper
165	100		
63	80.8	56.9	85.3
89	66.0	52.1	78.1

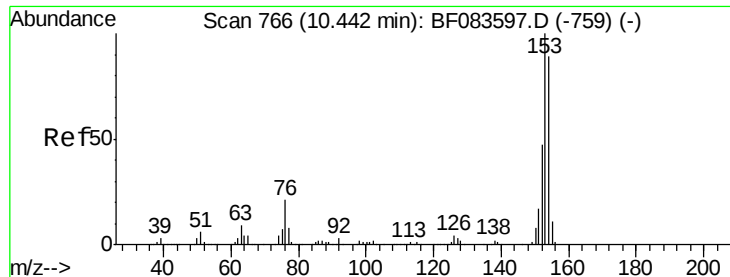


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0



Time-->





#51

Acenaphthene

Concen: 42.77 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

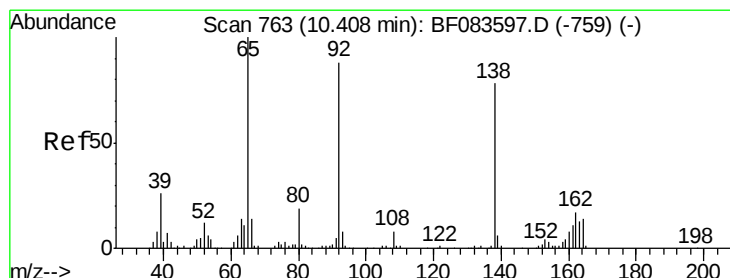
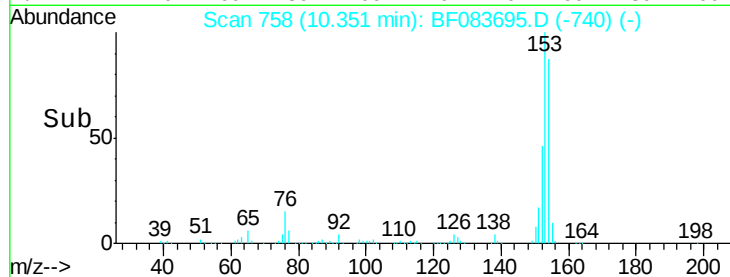
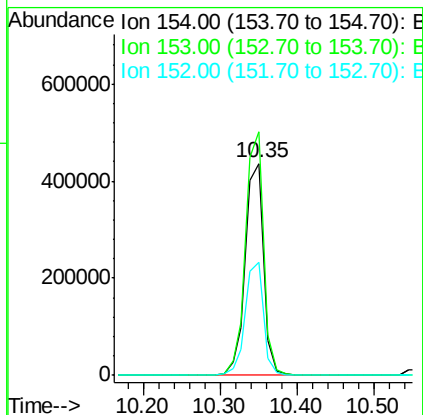
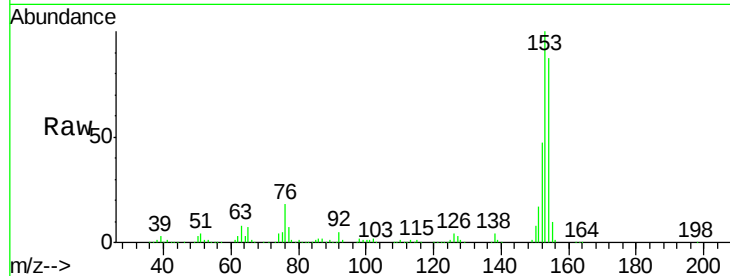
ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion:	154	Resp:	723059
Ion Ratio	Lower	Upper	
154	100		
153	115.0	91.4	137.0
152	53.7	43.4	65.2

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#52

3-Nitroaniline

Concen: 26.97 ng

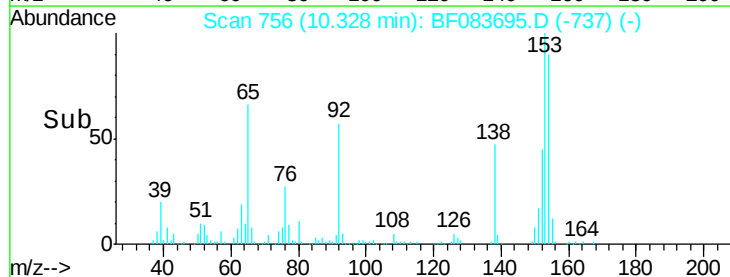
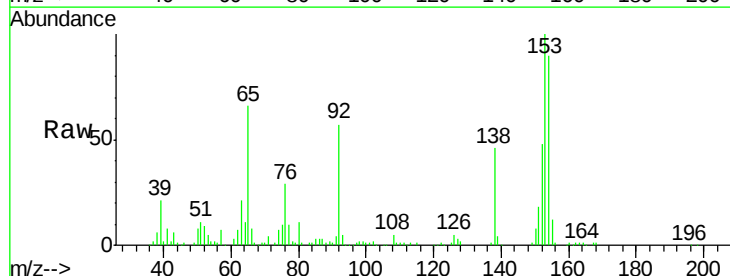
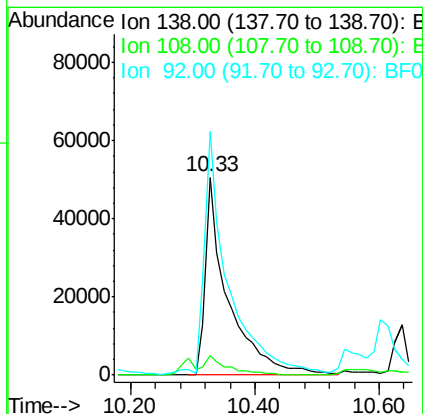
RT: 10.33 min Scan# 756

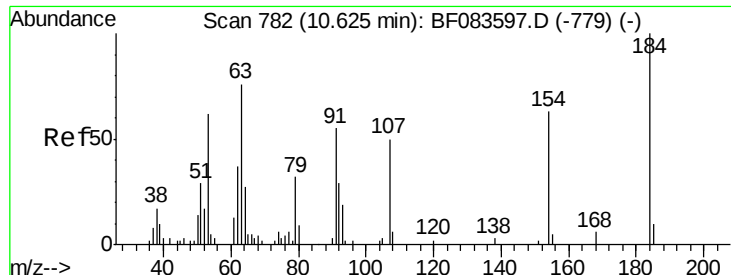
Delta R.T. -0.08 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Tgt Ion:	138	Resp:	128551
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.9	14.9
92	123.2	113.8	170.8





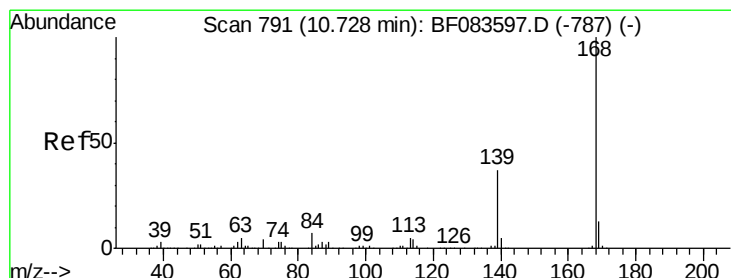
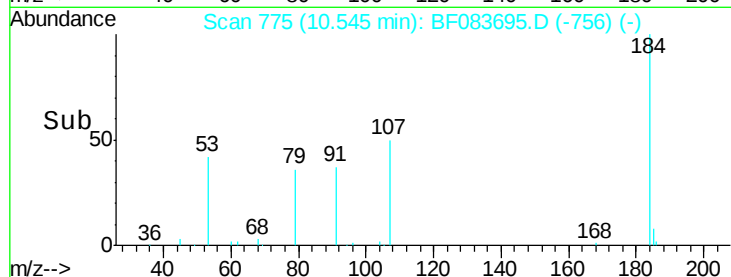
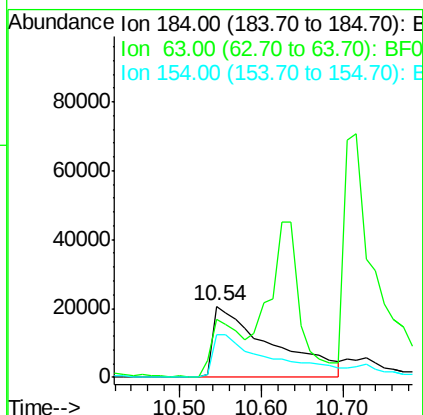
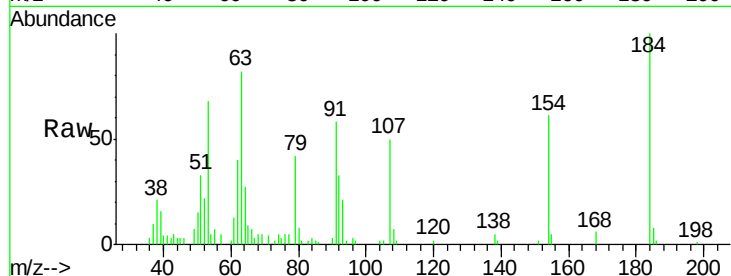
#53
2,4-Dinitrophenol
Concen: 48.16 ng
RT: 10.54 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	101561		
63	82.4	62.4	93.6	
154	60.8	46.6	69.8	

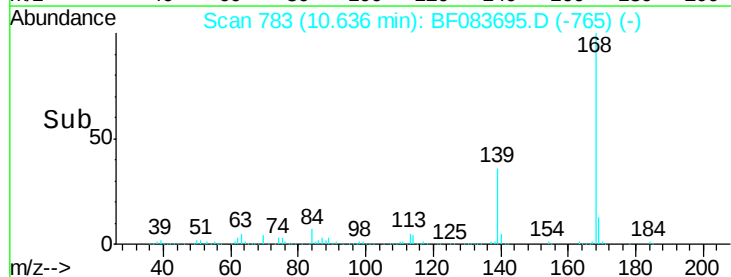
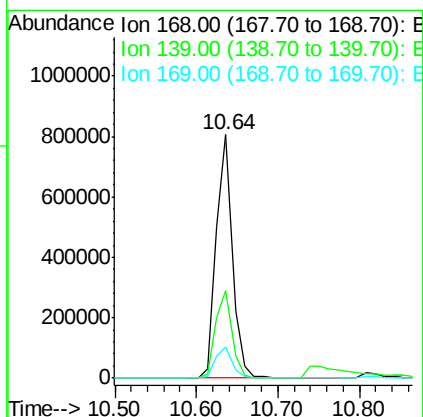
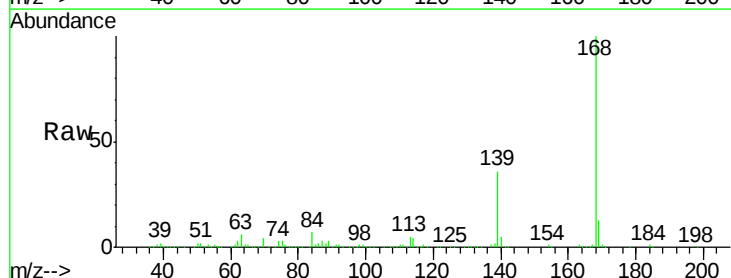
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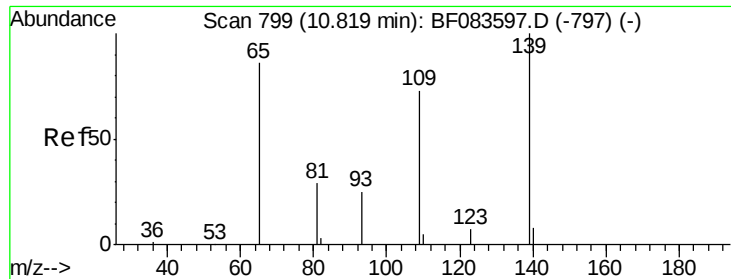
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#54
Dibenzofuran
Concen: 47.18 ng
RT: 10.64 min Scan# 783
Delta R.T. -0.09 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1106039		
139	36.2	28.0	42.0	
169	13.0	10.8	16.2	





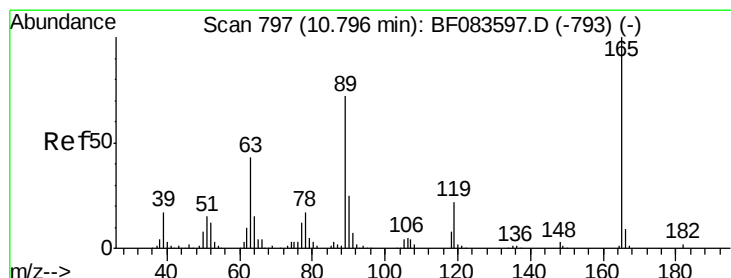
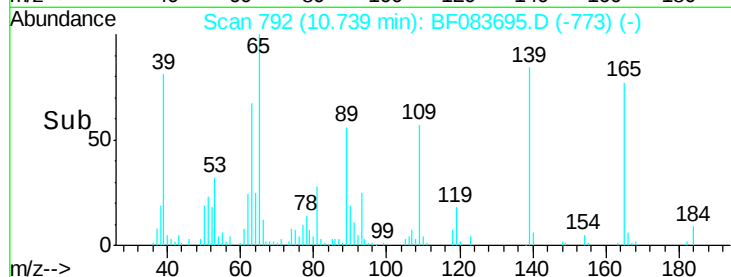
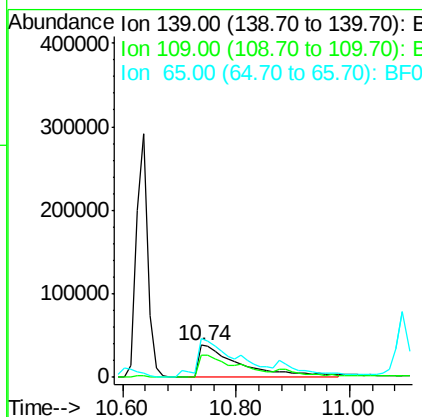
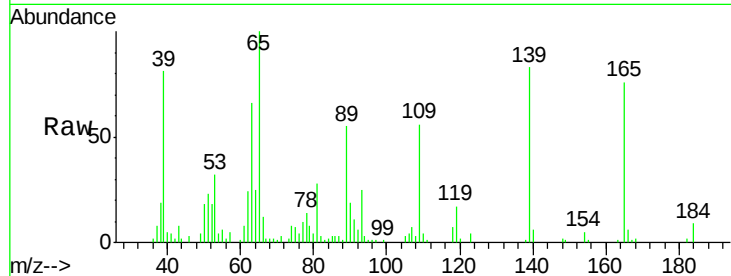
#55
4-Nitrophenol
Concen: 88.21 ng
RT: 10.74 min Scan# 792
Delta R.T. -0.08 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100	185118		
109	68.0	42.0	82.0	
65	120.7	89.2	129.2	

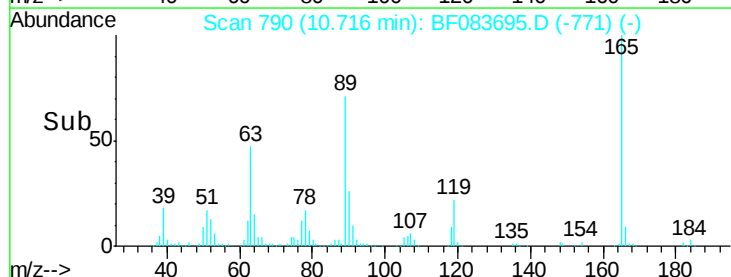
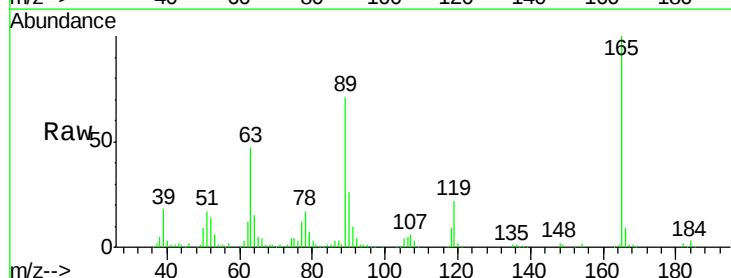
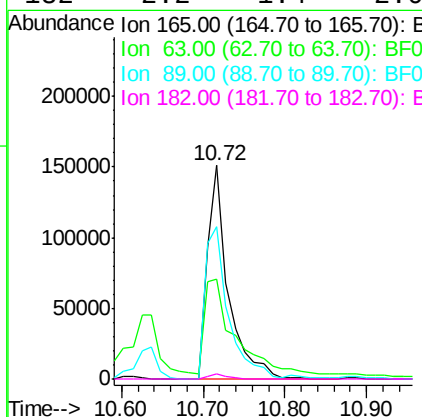
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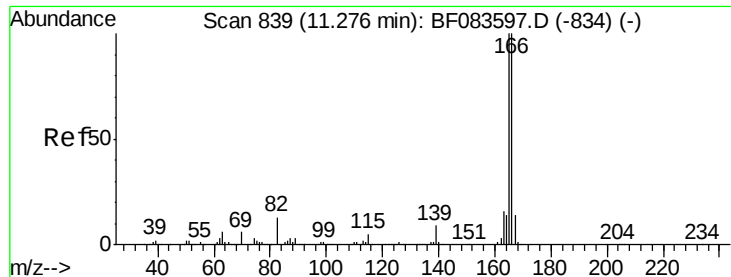
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#56
2,4-Dinitrotoluene
Concen: 45.75 ng
RT: 10.72 min Scan# 790
Delta R.T. -0.08 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	272139		
63	46.8	51.4	77.2#	
89	71.5	72.6	108.8#	
182	2.2	1.4	2.0#	





#57

Fluorene

Concen: 42.23 ng

RT: 11.19 min Scan# 831

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

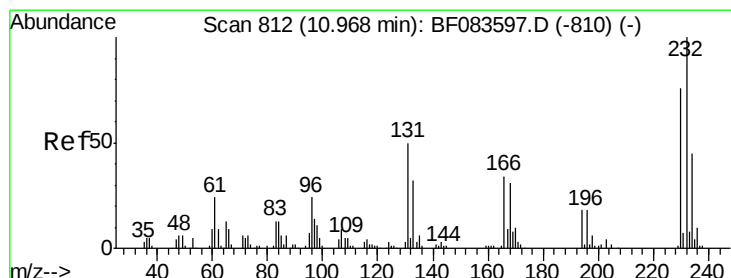
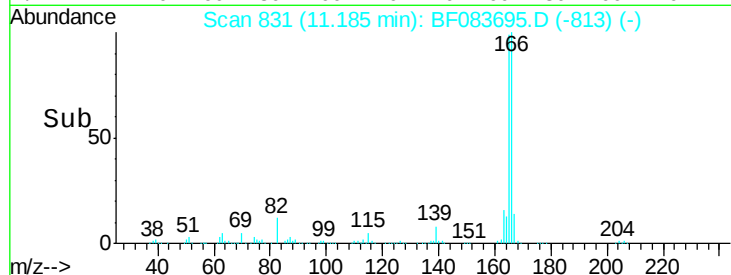
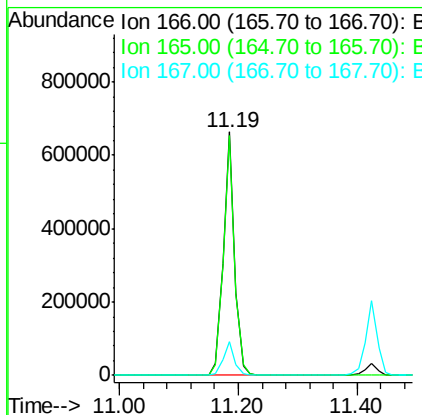
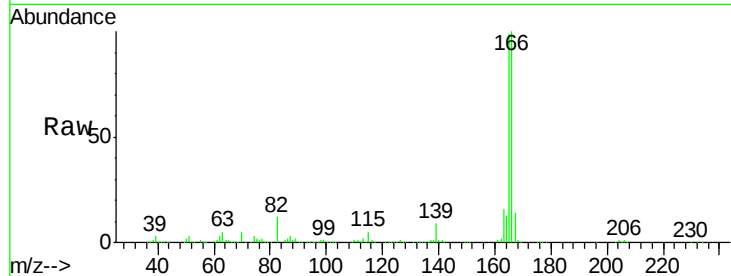
ClientSampleId :

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Tot Ion:	166	Resp:	864074
Ion Ratio	Lower	Upper	
166	100		
165	98.6	80.0	120.0
167	13.6	10.6	16.0

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12/11/2015 6:01:48 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.24 ng

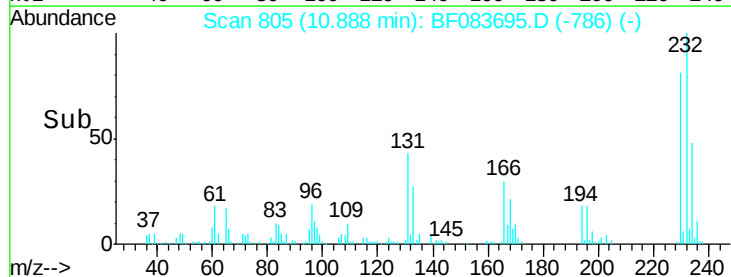
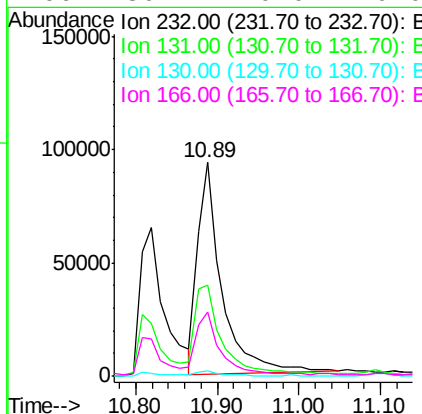
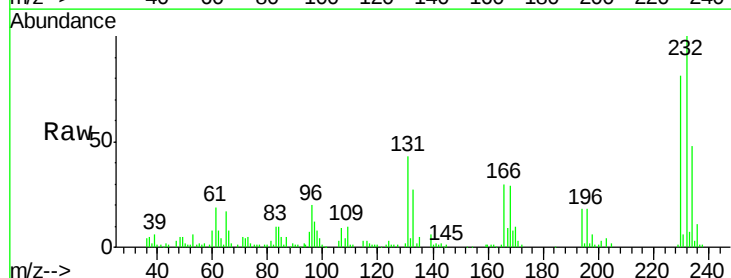
RT: 10.89 min Scan# 805

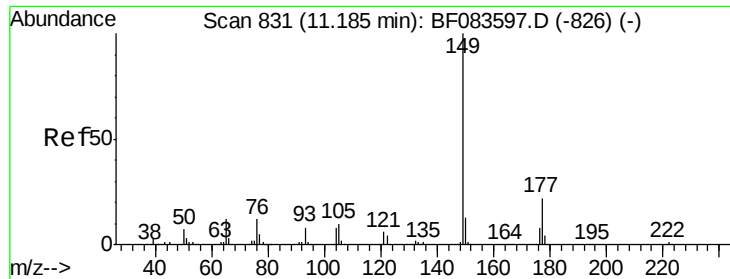
Delta R.T. -0.08 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Tgt Ion:	232	Resp:	192121
Ion Ratio	Lower	Upper	
232	100		
131	50.4	0.0	0.0#
130	2.4	0.0	0.0#
166	30.1	0.0	0.0#





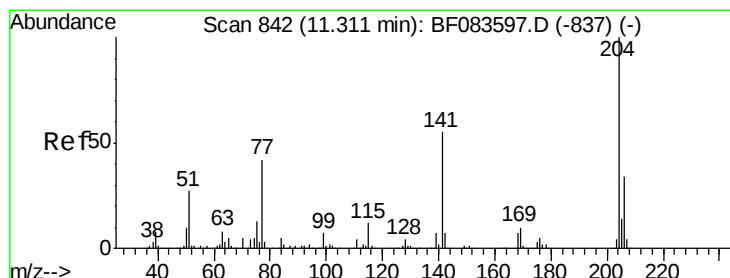
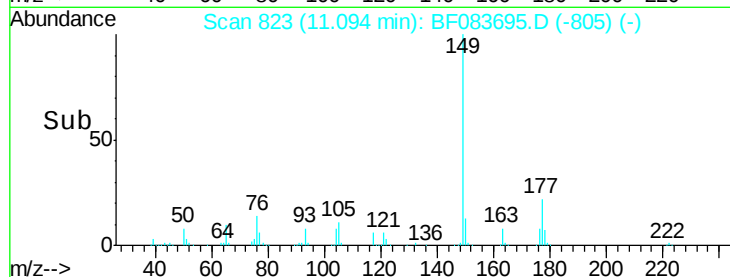
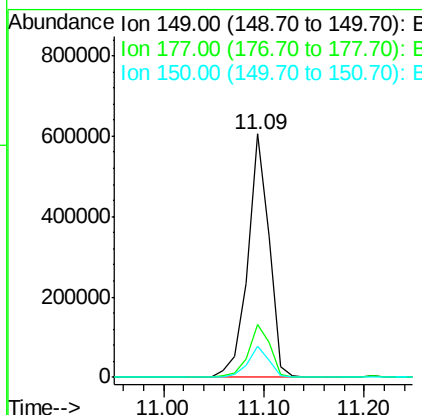
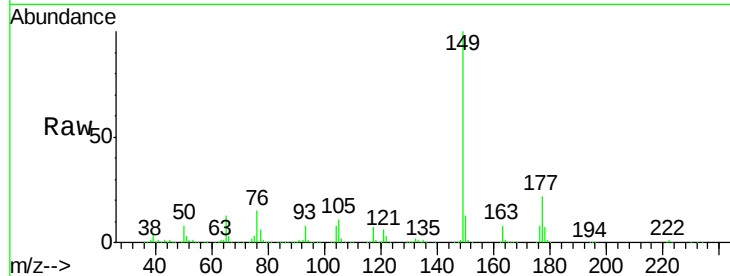
#59
Diethylphthalate
Concen: 42.09 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.09 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	888902		
177	21.6	16.9	25.3	
150	13.0	10.2	15.4	

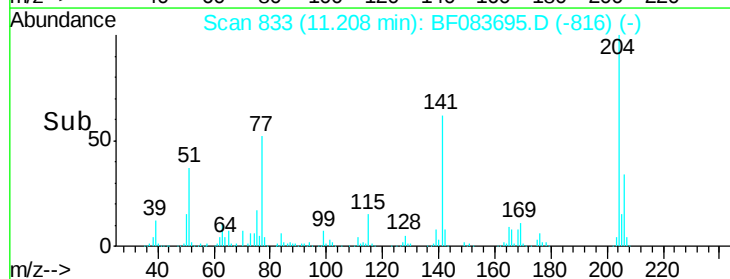
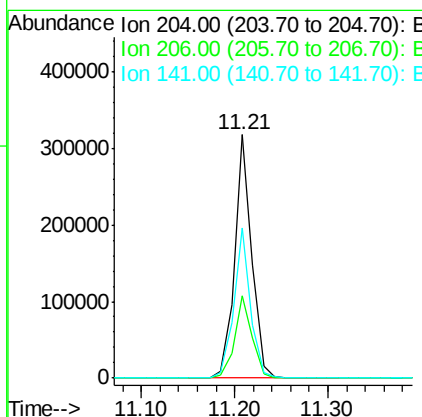
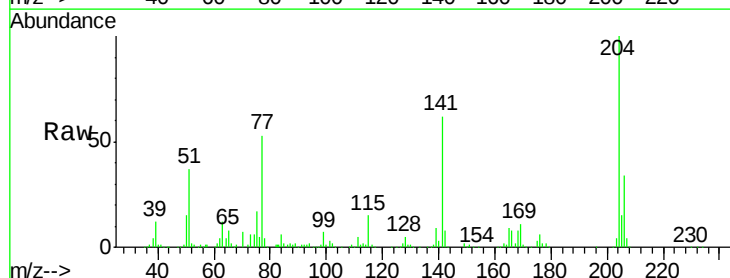
Manual Integrations
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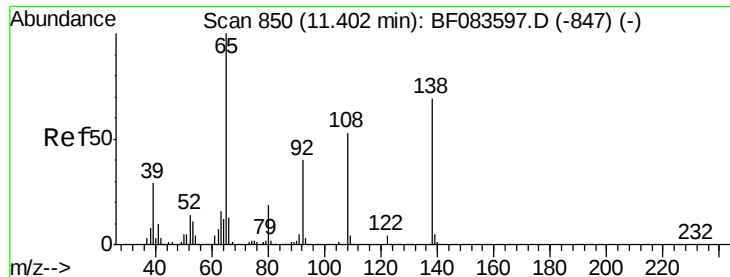
MMdadoda
12/11/2015 6:01:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.68 ng
RT: 11.21 min Scan# 833
Delta R.T. -0.10 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	405962		
206	33.9	27.3	40.9	
141	61.7	51.9	77.9	





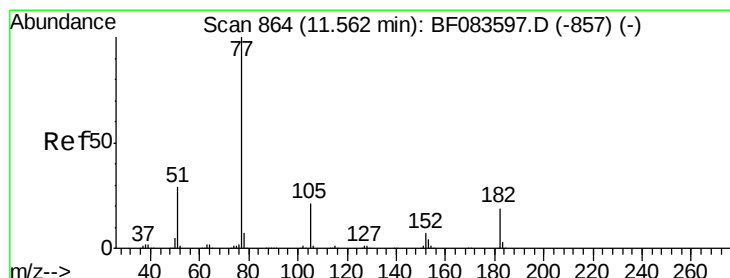
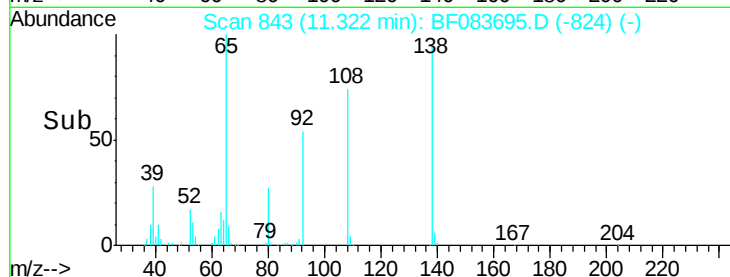
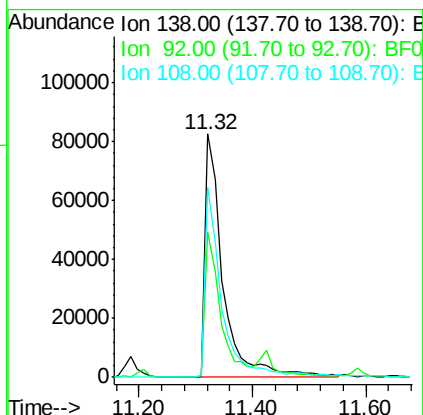
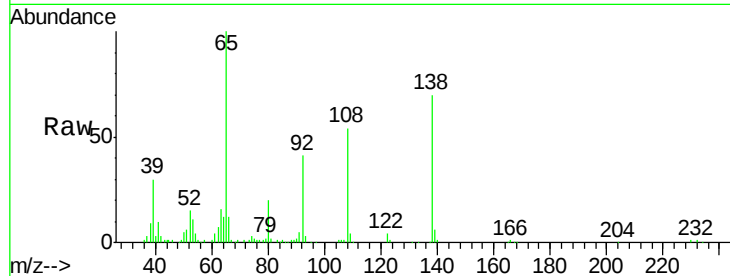
#61
4-Nitroaniline
Concen: 40.35 ng
RT: 11.32 min Scan# 843
Delta R.T. -0.08 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.4	29.0	69.0
108	77.9	47.4	87.4

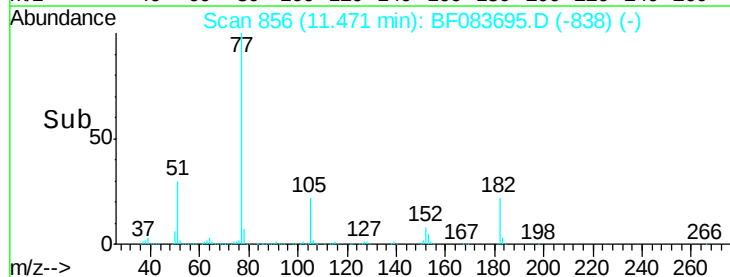
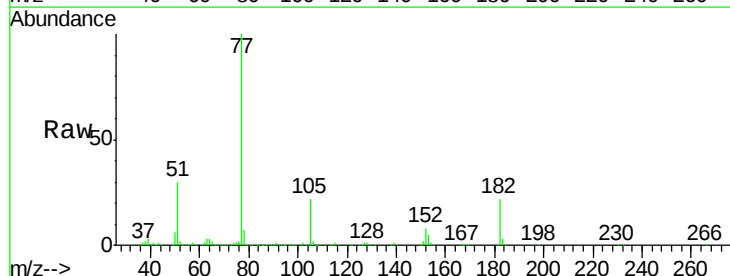
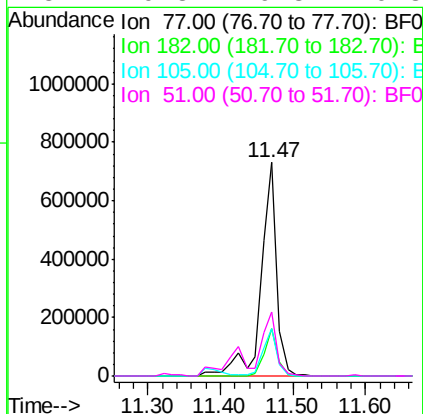
Manual Integrations
APPROVED

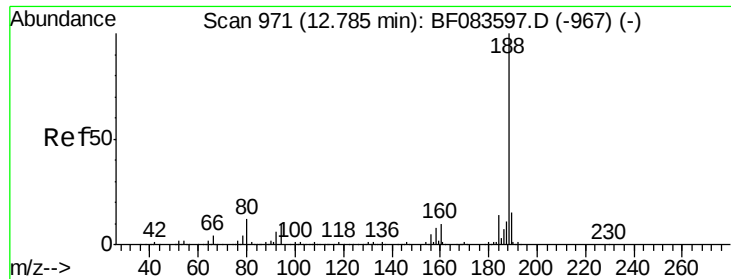
MMdadoda
12/11/2015 6:01:48 PM



#62
Azobenzene
Concen: 48.24 ng
RT: 11.47 min Scan# 856
Delta R.T. -0.09 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.2	2.5	42.5
105	22.4	2.1	42.1
51	29.8	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: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

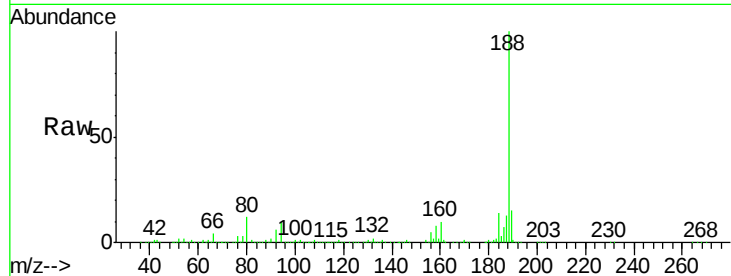
ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion:	188	Resp:	464479
Ion Ratio	Lower	Upper	
188	100		
94	9.9	9.4	14.2
80	11.6	10.6	16.0

Manual Integrations
APPROVED

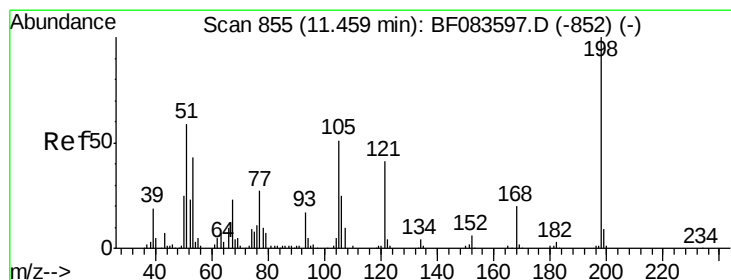
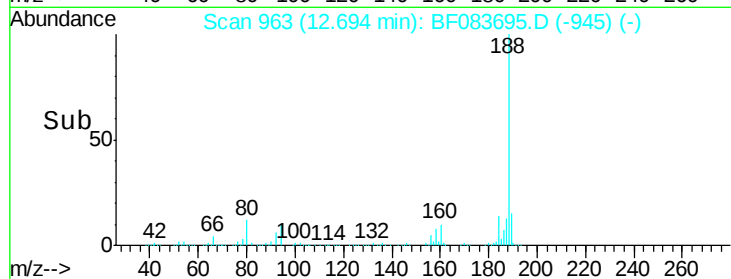
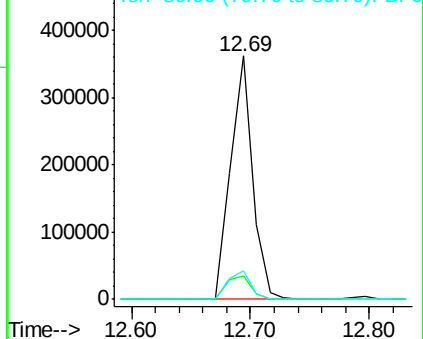
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.04 ng

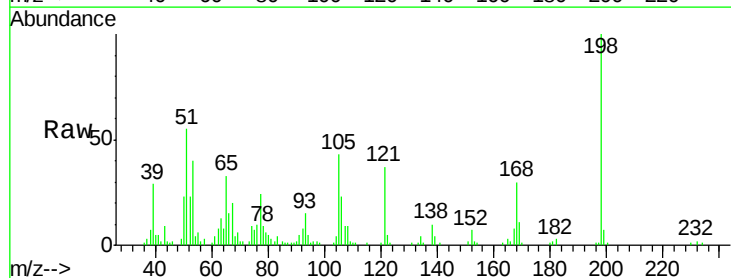
RT: 11.39 min Scan# 849

Delta R.T. -0.07 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

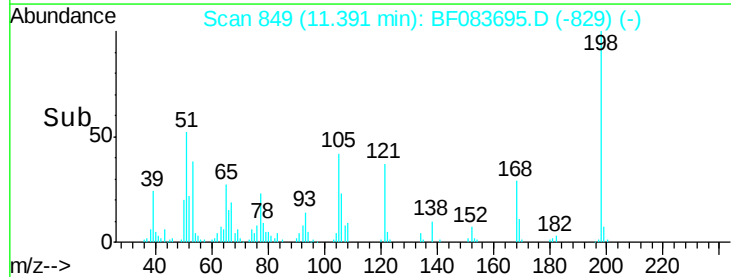
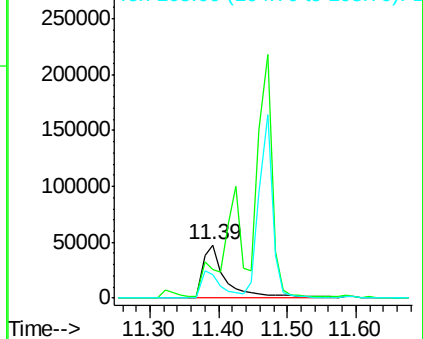
Tgt Ion:	198	Resp:	112438
Ion Ratio	Lower	Upper	
198	100		
51	54.8	53.8	93.8
105	43.5	38.6	78.6

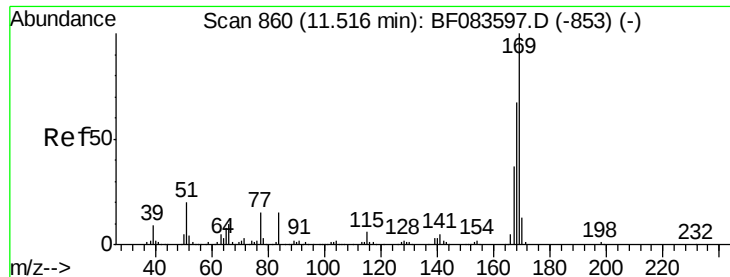


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.88 ng

RT: 11.43 min Scan# 852

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

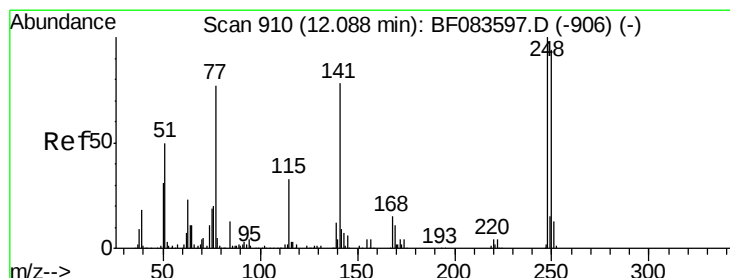
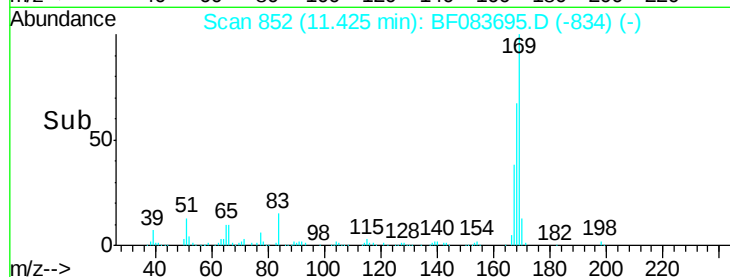
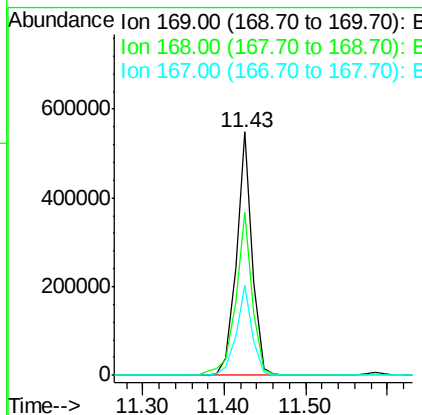
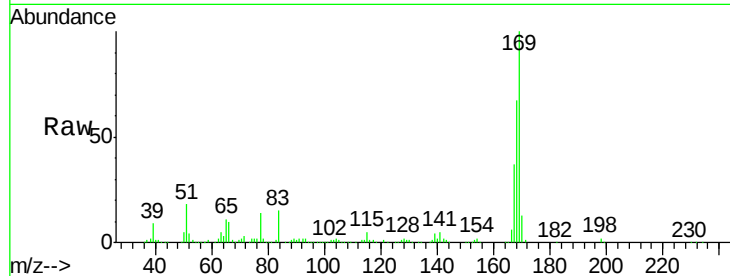
ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion:	169	Resp:	734031
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.0	79.6
167	37.1	29.3	43.9

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 45.08 ng

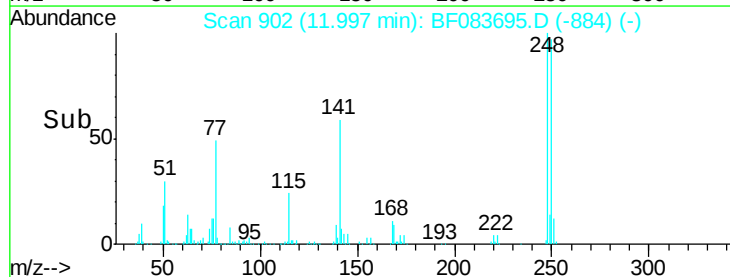
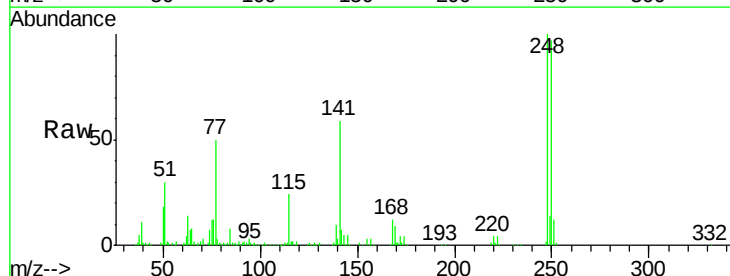
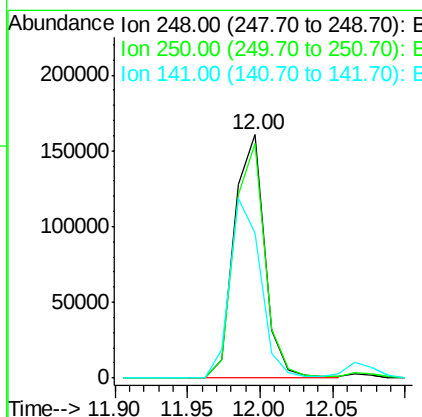
RT: 12.00 min Scan# 902

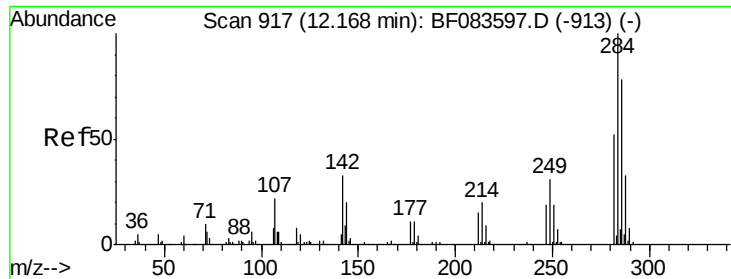
Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Tgt Ion:	248	Resp:	233544
Ion Ratio	Lower	Upper	
248	100		
250	96.5	79.2	118.8
141	59.5	58.2	87.4





#67

Hexachlorobenzene

Concen: 44.50 ng

RT: 12.08 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

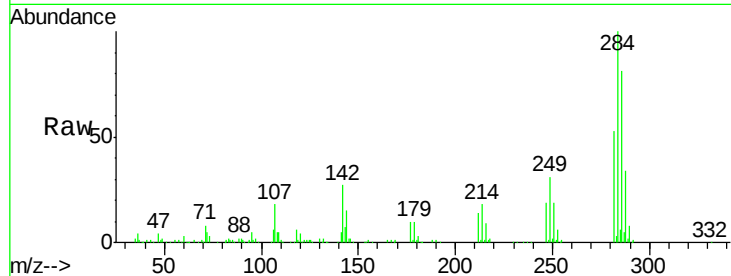
ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion:	284	Resp:	244580
Ion Ratio	Lower	Upper	
284	100		
142	26.7	31.0	46.4#
249	30.7	26.9	40.3

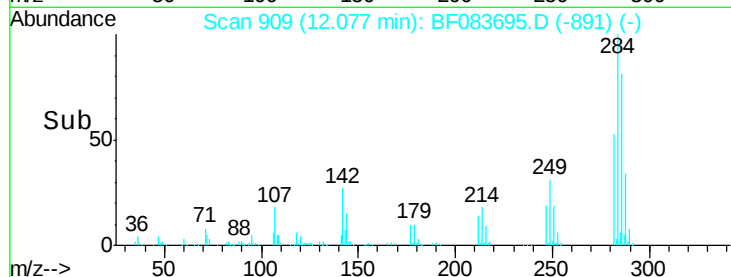
Manual Integrations
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MMdadoda
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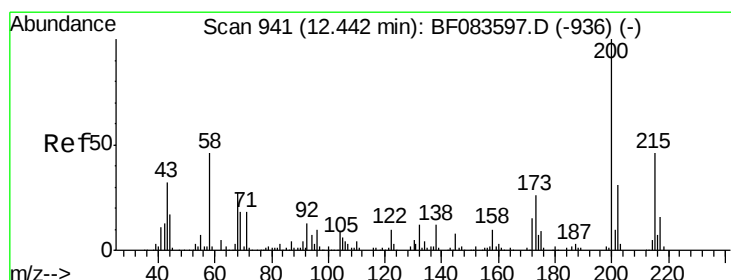


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

12.08



Time-->



#68

Atrazine

Concen: 50.34 ng

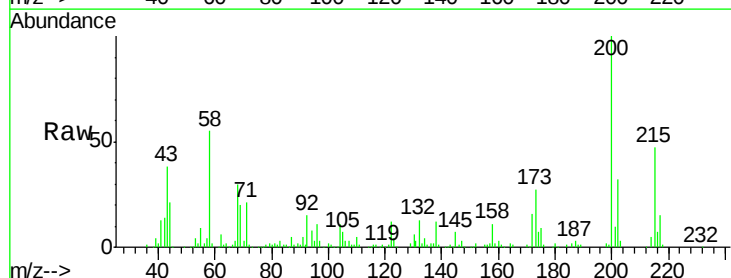
RT: 12.35 min Scan# 933

Delta R.T. -0.09 min

Lab File: BF083695.D

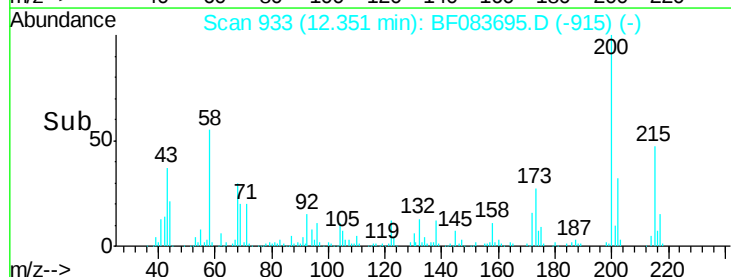
Acq: 11 Dec 2015 00:33

Tgt Ion:	200	Resp:	229585
Ion Ratio	Lower	Upper	
200	100		
173	26.8	7.8	47.8
215	47.0	25.7	65.7

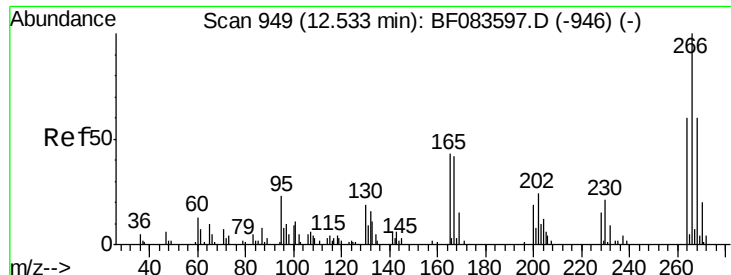


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

12.35



Time-->



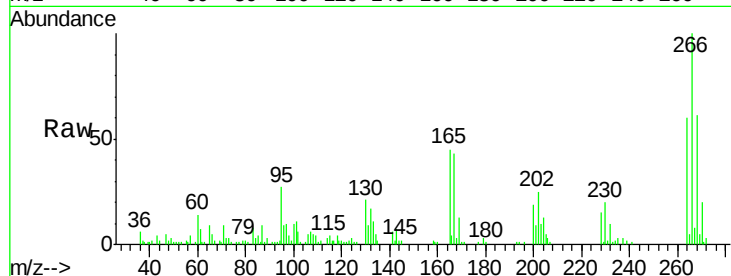
#69
 Pentachlorophenol
 Concen: 91.43 ng
 RT: 12.44 min Scan# 941
 Delta R.T. -0.09 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.7	50.2	75.2
264	59.7	51.4	77.2

Manual Integrations
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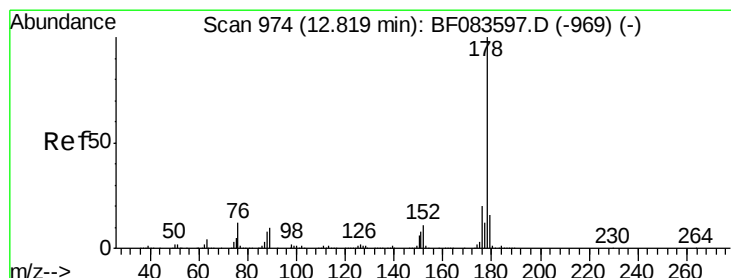
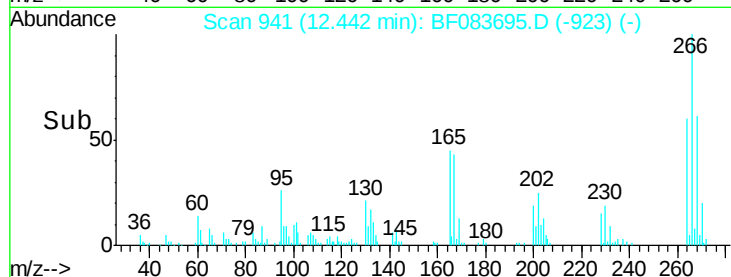
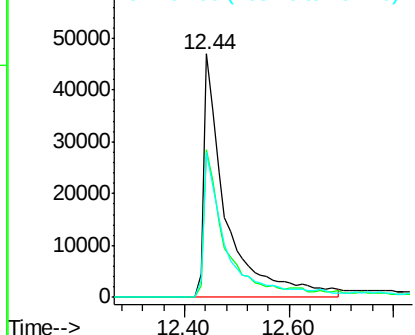


Abundance

Ion 265.70 (265.40 to 266.40): E

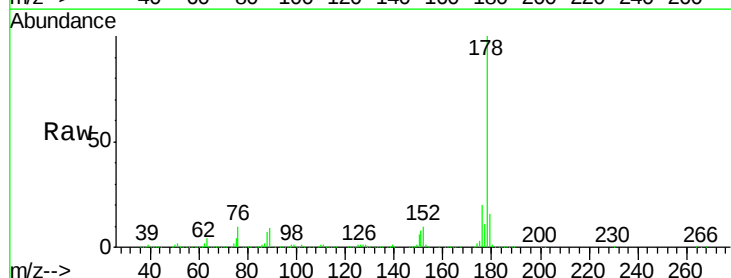
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 44.90 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.09 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	16.0	12.2	18.4

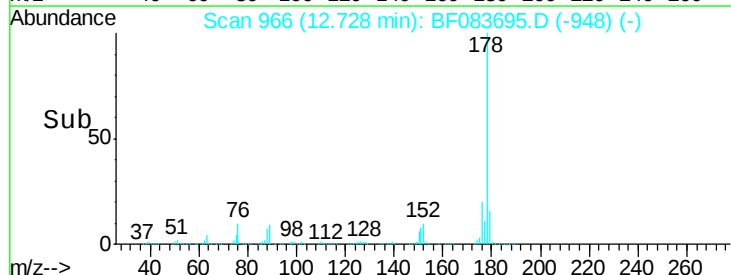
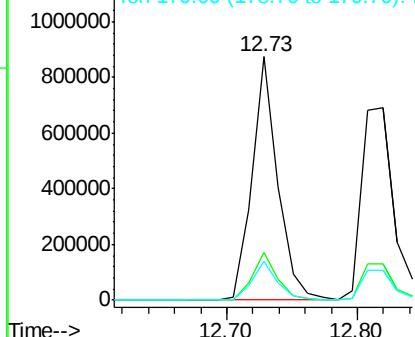


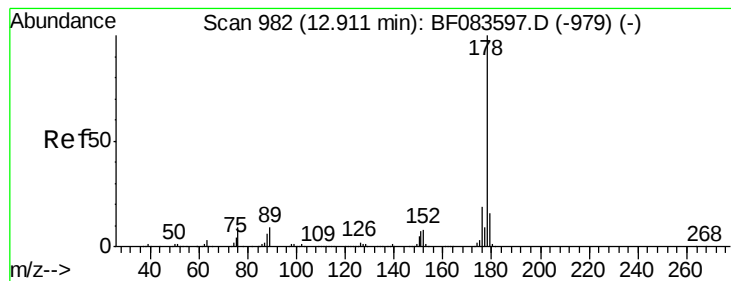
Abundance

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





#71

Anthracene

Concen: 44.33 ng

RT: 12.82 min Scan# 974

Delta R.T. -0.09 min

Lab File: BF083695.D

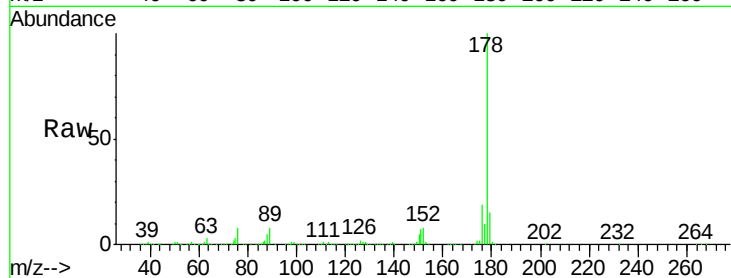
Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MSD



Tot Ion:178 Resp: 1225488

Ion Ratio Lower Upper

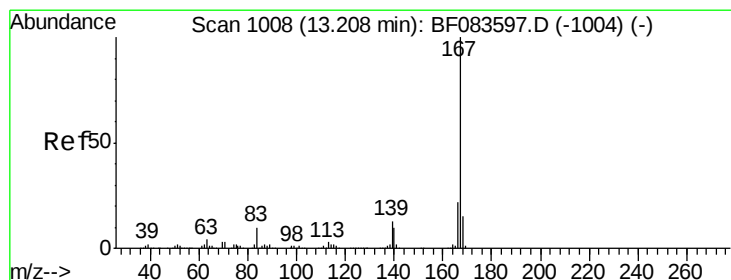
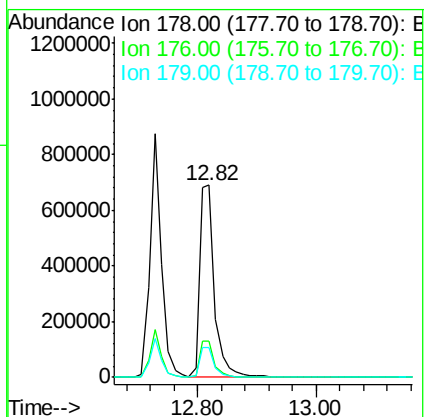
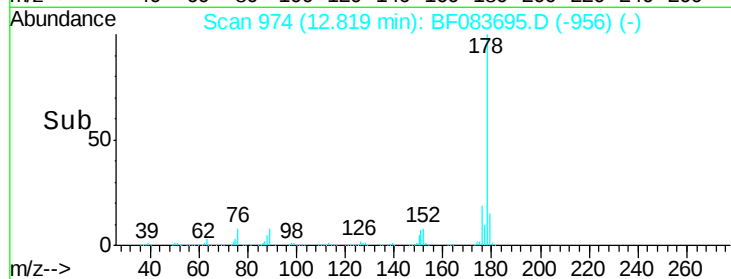
178 100

176 18.8 15.2 22.8

179 15.2 12.6 18.8

Manual Integrations
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12/11/2015 6:01:48 PM



#72

Carbazole

Concen: 45.88 ng

RT: 13.12 min Scan# 1000

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

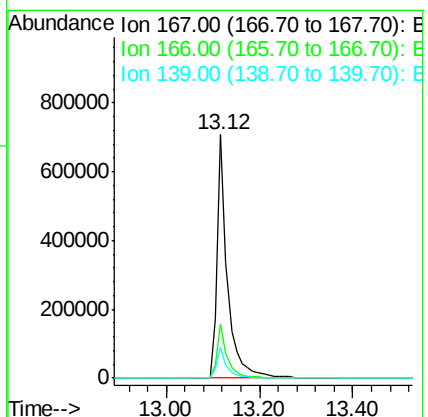
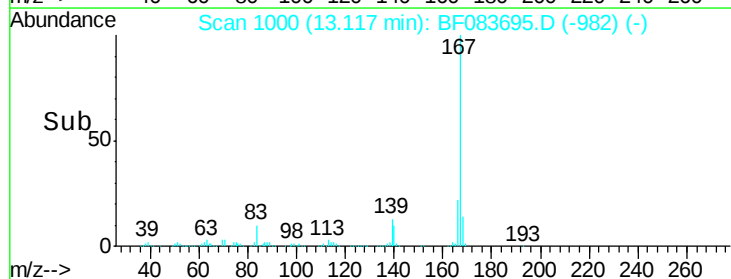
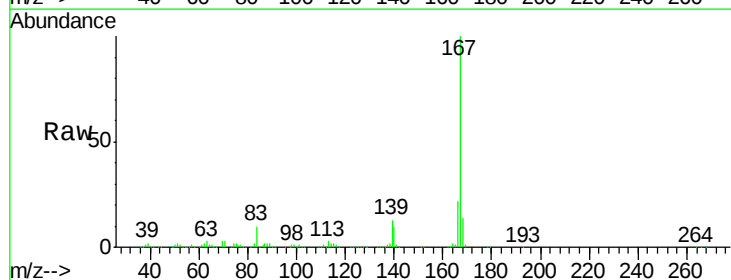
Tgt Ion:167 Resp: 1087583

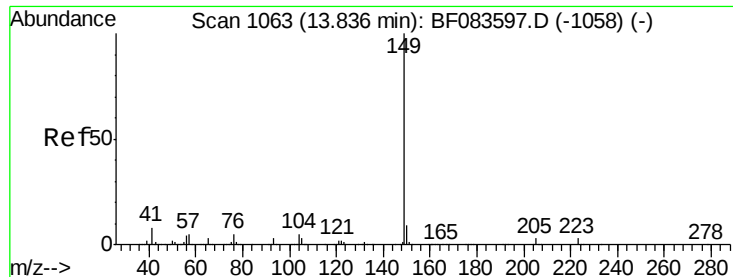
Ion Ratio Lower Upper

167 100

166 22.3 17.2 25.8

139 12.8 9.3 13.9





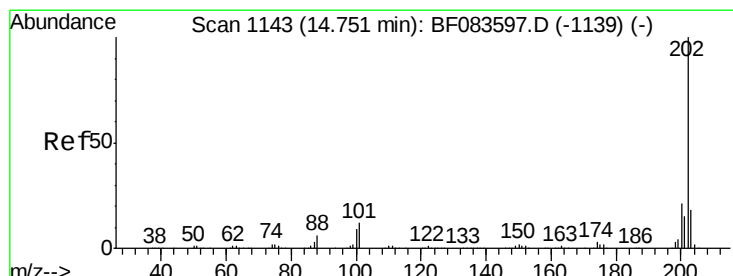
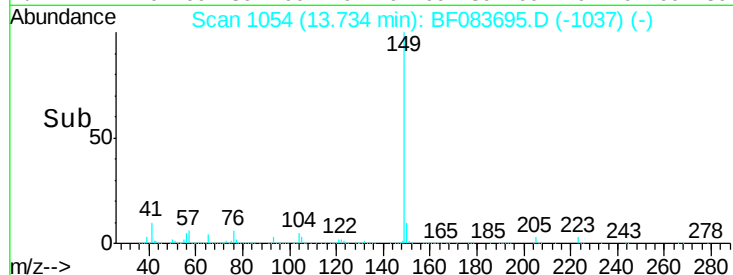
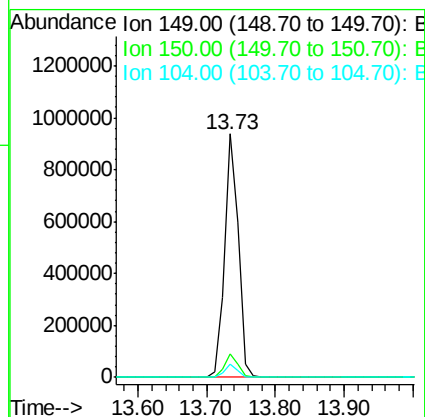
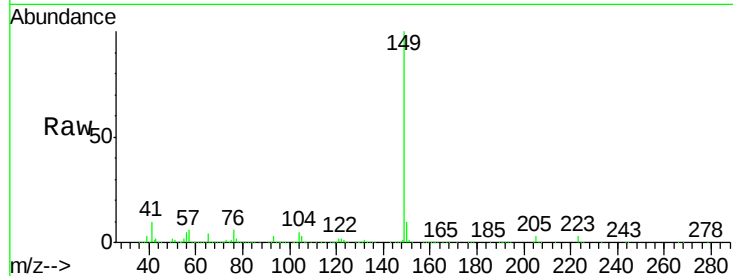
#73
Di-n-butylphthalate
Concen: 44.44 ng
RT: 13.73 min Scan# 1054
Delta R.T. -0.10 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion:149 Resp: 1324910
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.2 3.9 5.9

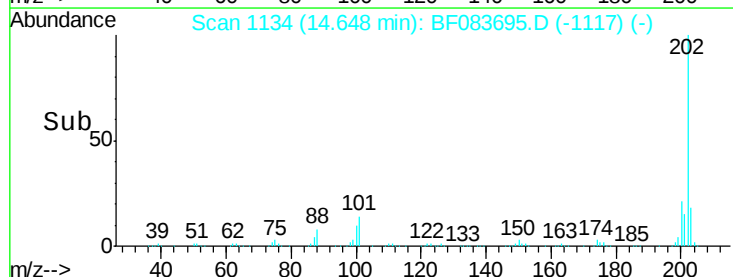
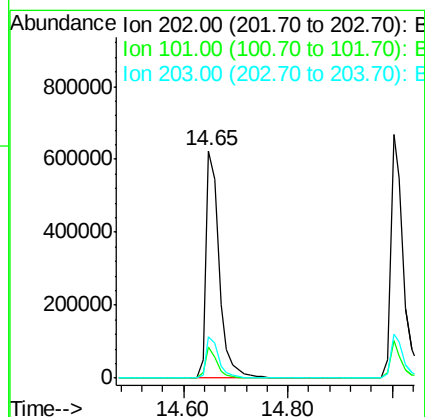
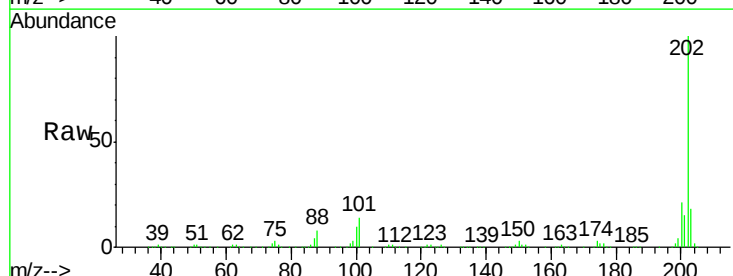
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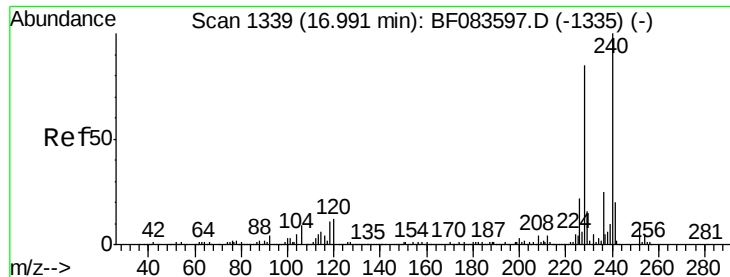
MMdadoda
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#74
Fluoranthene
Concen: 39.97 ng
RT: 14.65 min Scan# 1134
Delta R.T. -0.10 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion:202 Resp: 1091146
Ion Ratio Lower Upper
202 100
101 13.9 0.0 31.5
203 18.0 0.0 37.6





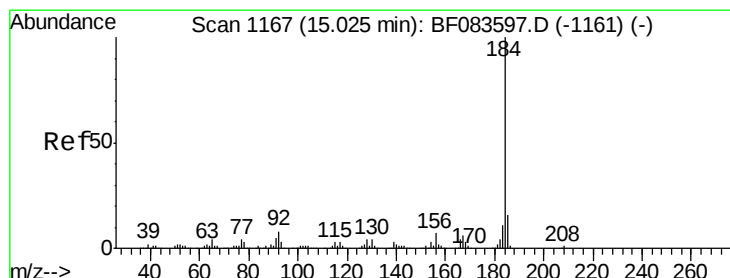
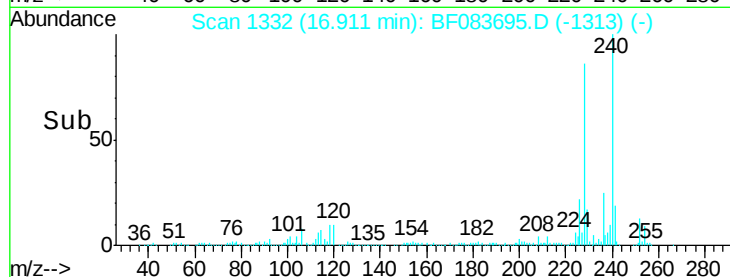
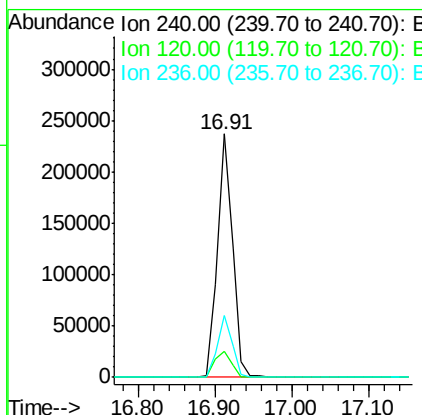
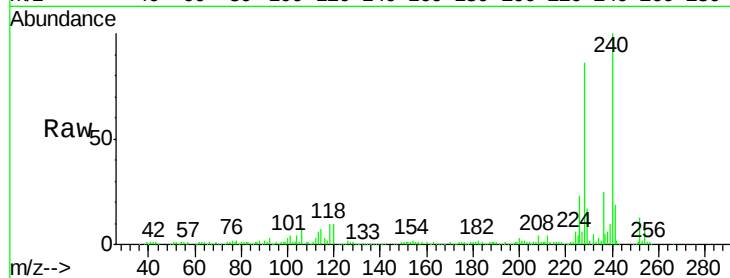
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.91 min Scan# 1332
 Delta R.T. -0.08 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	25.4	20.8	31.2

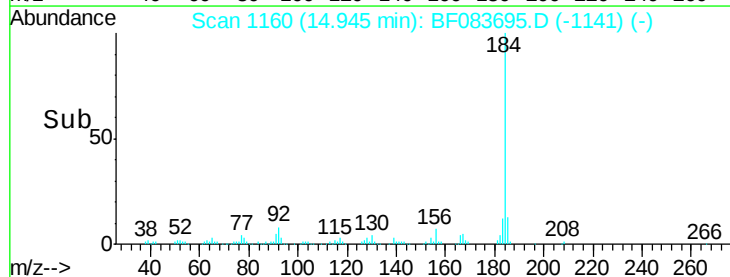
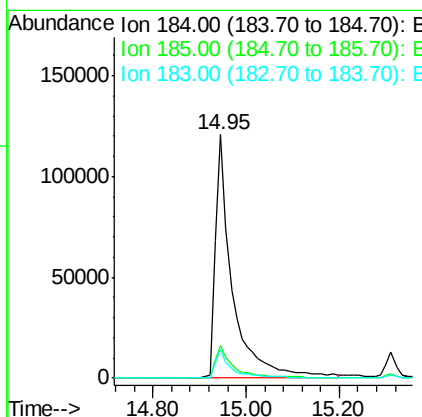
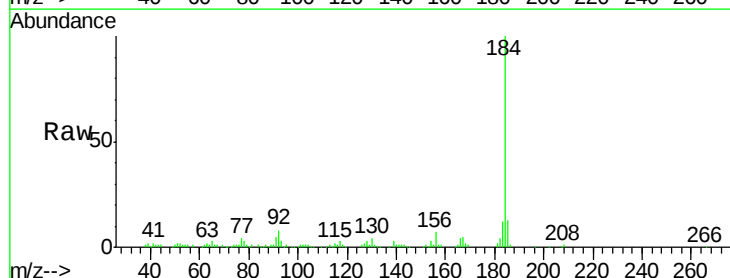
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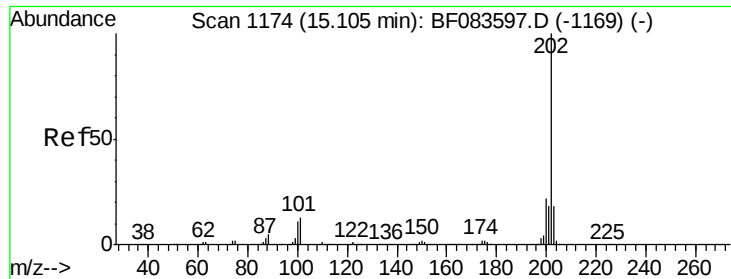
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#76
 Benzidine
 Concen: 30.22 ng
 RT: 14.95 min Scan# 1160
 Delta R.T. -0.08 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.3	13.0	19.6
183	11.8	9.0	13.4





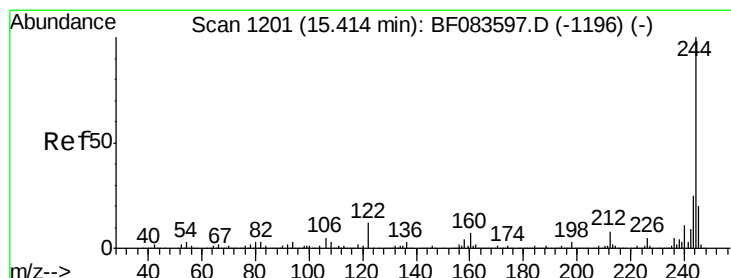
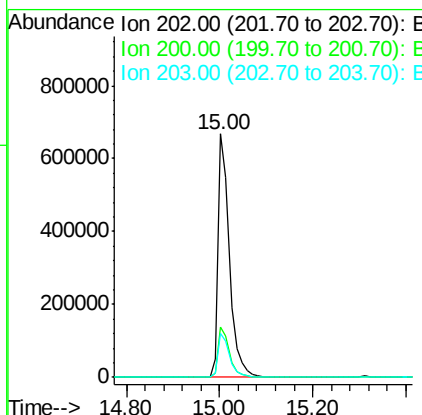
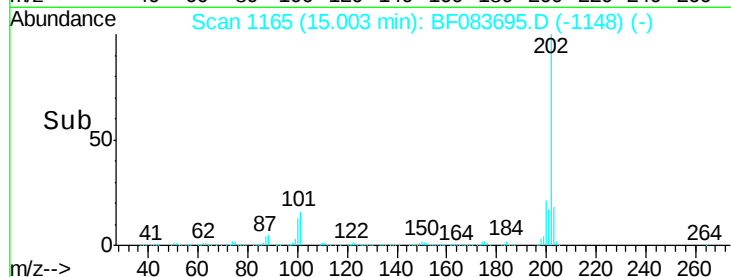
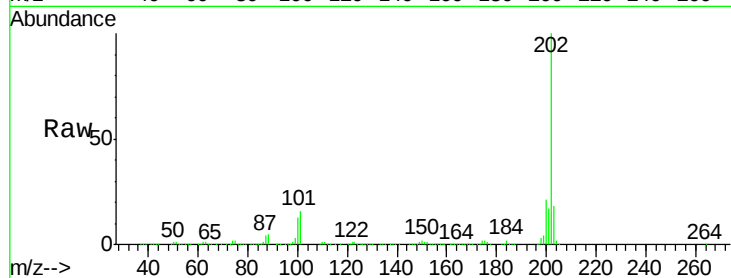
#77
Pvrene
Concen: 47.40 ng
RT: 15.00 min Scan# 1165
Delta R.T. -0.10 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion:202 Resp: 1116199
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 18.1 14.3 21.5

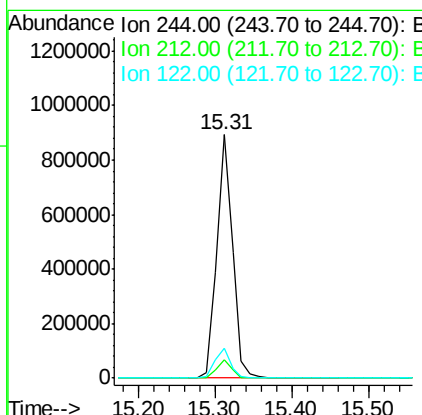
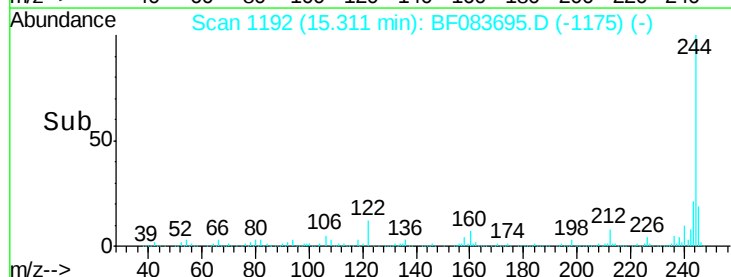
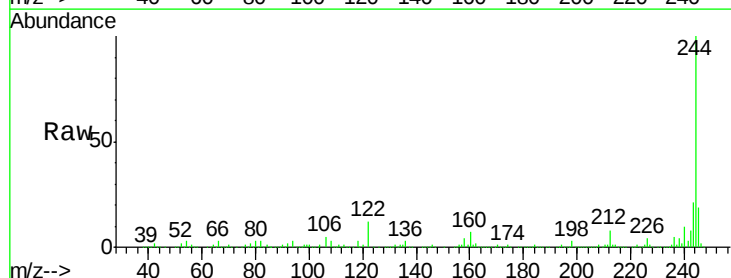
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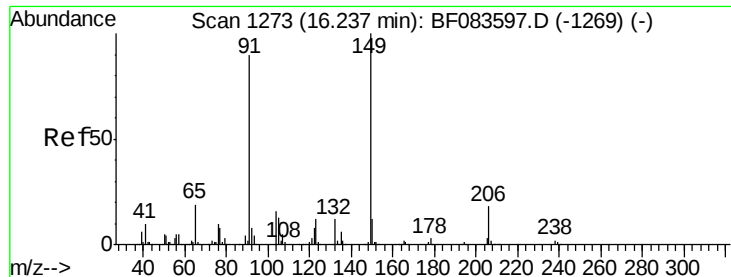
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#78
Terphenyl-d14
Concen: 91.56 ng
RT: 15.31 min Scan# 1192
Delta R.T. -0.10 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion:244 Resp: 1272892
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 12.4 11.0 16.6





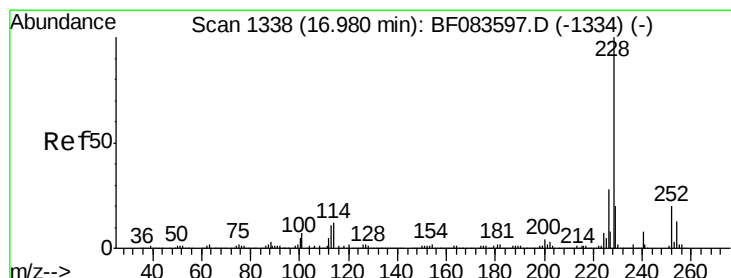
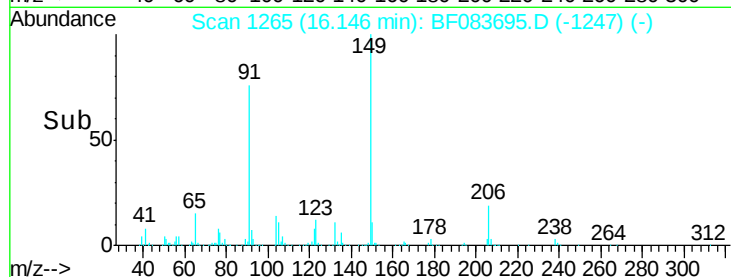
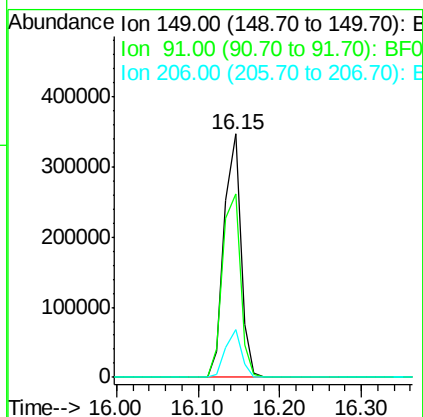
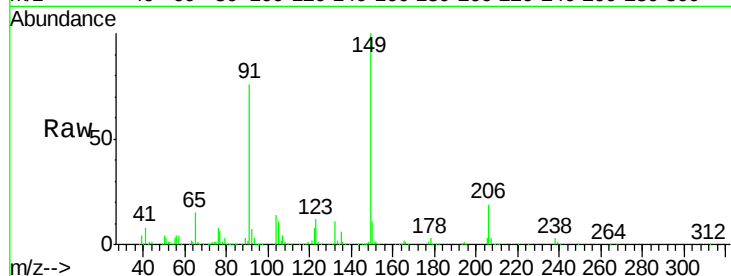
#79
Butylbenzylphthalate
Concen: 47.39 ng
RT: 16.15 min Scan# 1265
Delta R.T. -0.09 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.5	60.0	90.0
206	19.4	16.2	24.4

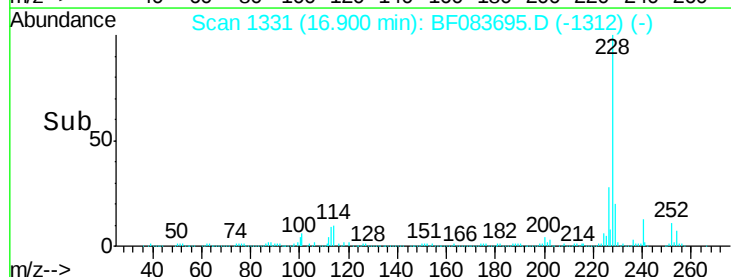
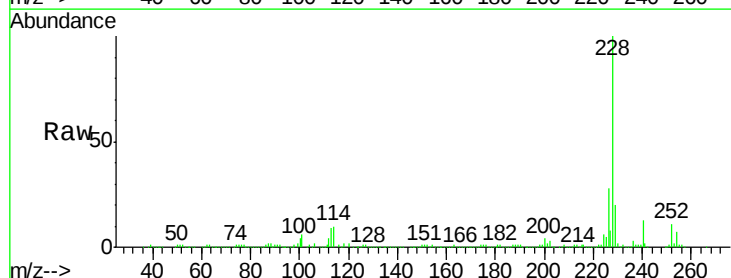
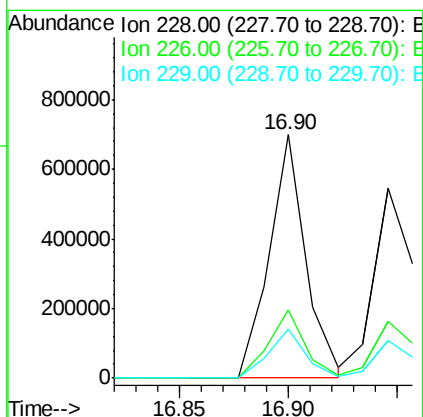
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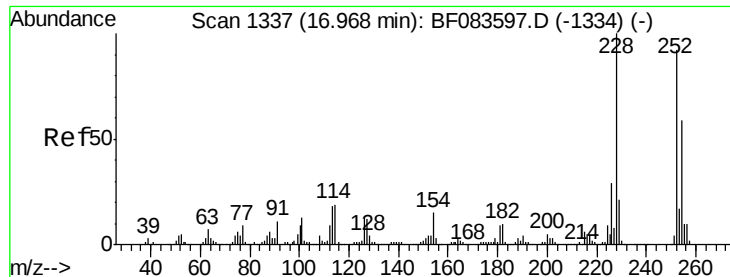
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#80
Benzo(a)anthracene
Concen: 42.86 ng
RT: 16.90 min Scan# 1331
Delta R.T. -0.08 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.1	15.7	23.5





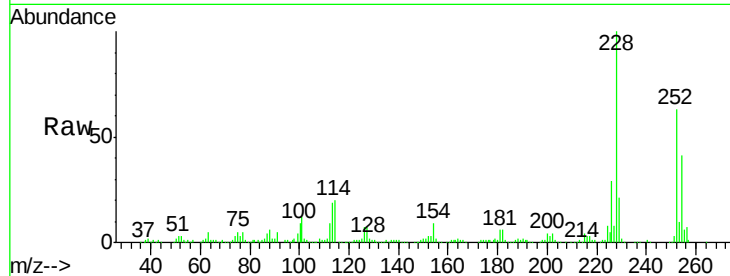
#81
 3,3'-Dichlorobenzidine
 Concen: 38.20 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.08 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

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

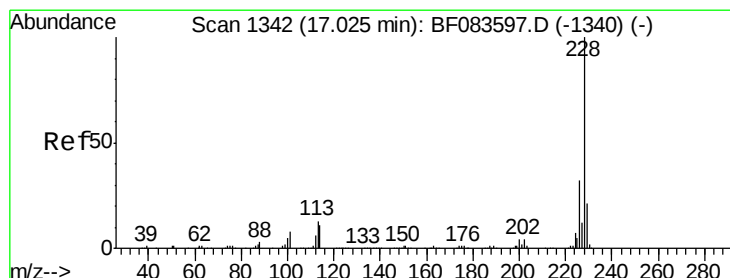
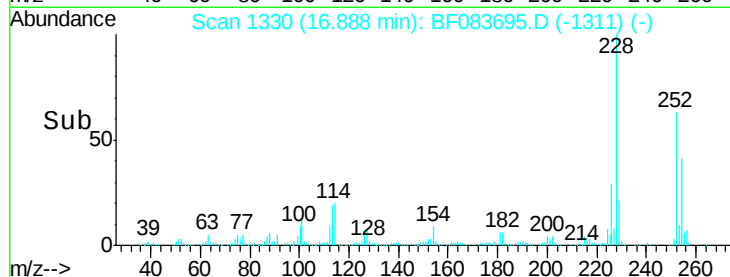
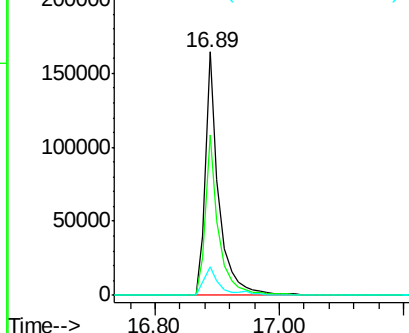
Tot Ion	Ratio	Resp	Lower	Upper
252	100	247064		
254	65.8	50.6	76.0	
126	11.9	11.0	16.4	

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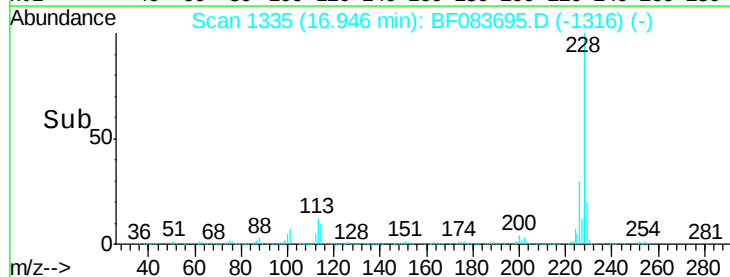
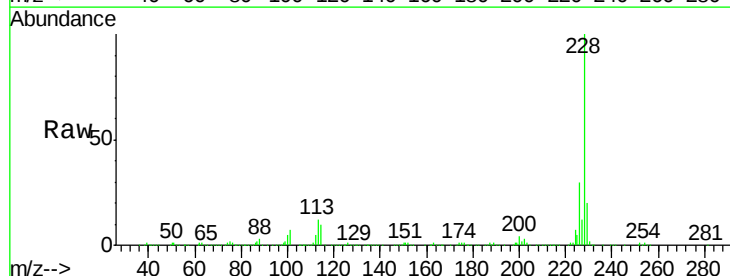
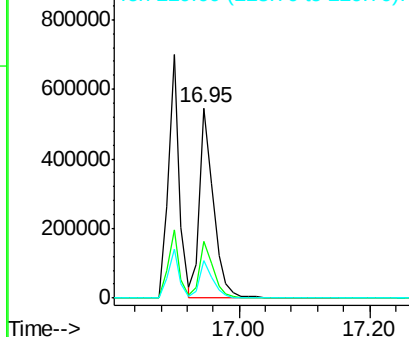
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

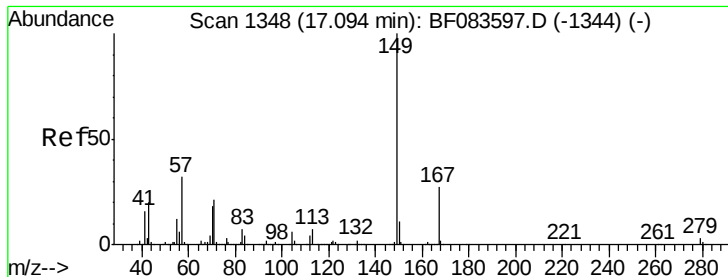


#82
 Chrysene
 Concen: 41.89 ng
 RT: 16.95 min Scan# 1335
 Delta R.T. -0.08 min
 Lab File: BF083695.D
 Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	803903		
226	30.0	24.7	37.1	
229	19.9	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: 45.98 ng

RT: 17.00 min Scan# 1340

Delta R.T. -0.09 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Instrument :

BNA_F

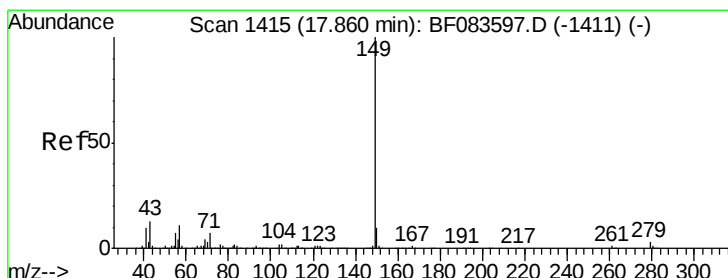
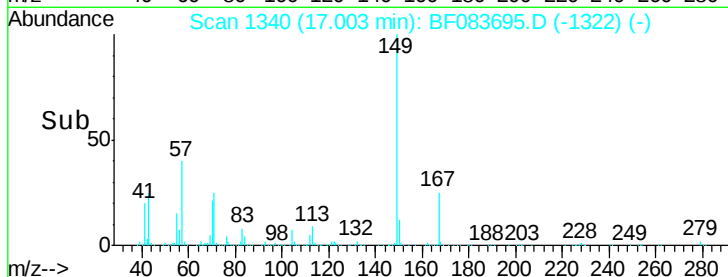
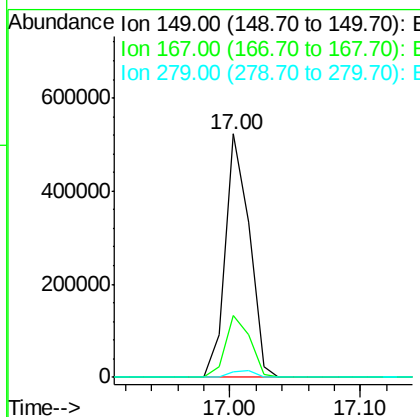
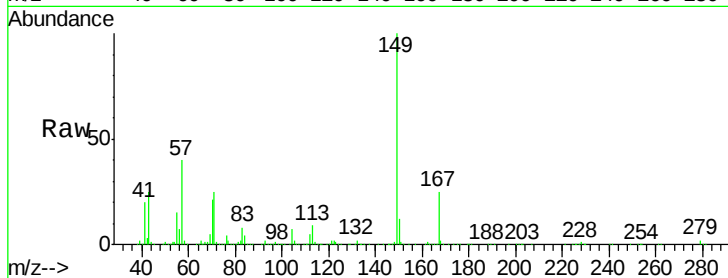
ClientSampleId :

CWC-MISC-8-20151207MSD

Tot Ion:	149	Resp:	667017
Ion Ratio	Lower	Upper	
149	100		
167	25.3	21.8	32.8
279	2.4	3.0	4.4#

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#84

Di-n-octyl phthalate

Concen: 48.56 ng

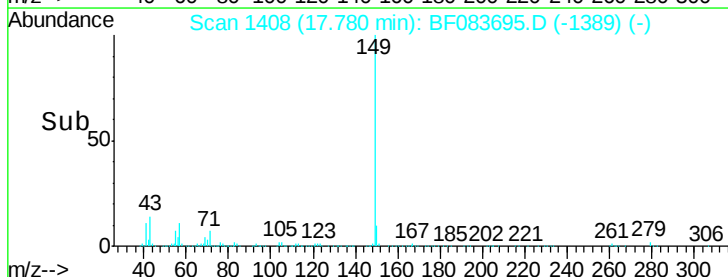
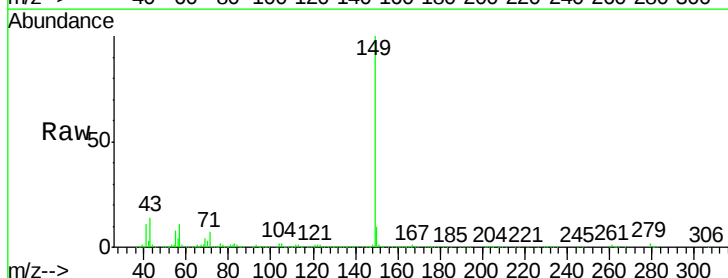
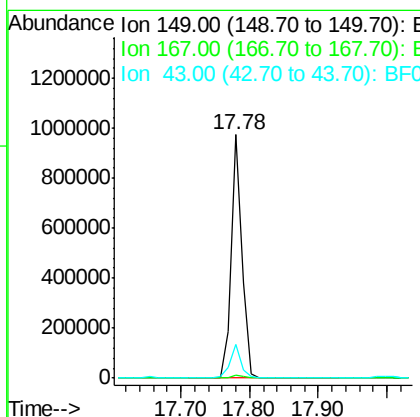
RT: 17.78 min Scan# 1408

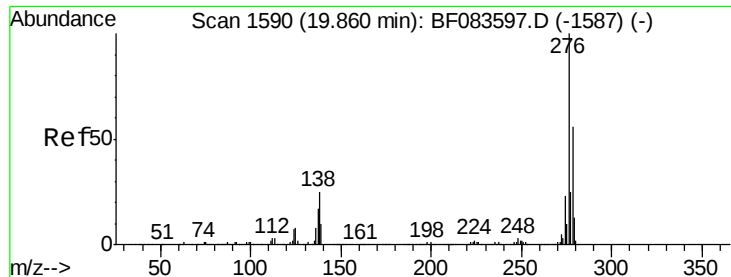
Delta R.T. -0.08 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Tgt Ion:	149	Resp:	1076537
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	13.2	0.0	0.0#





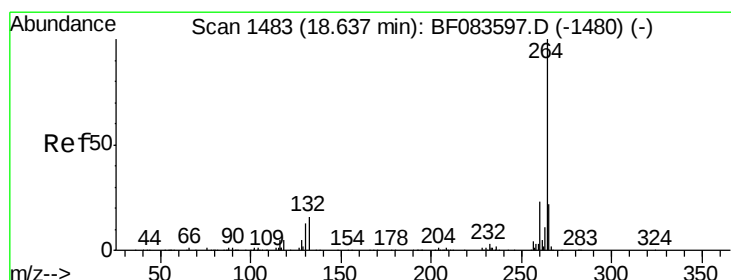
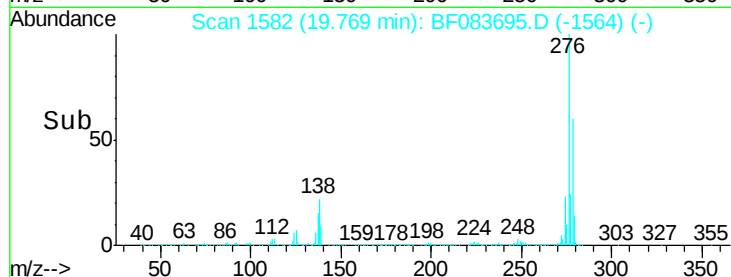
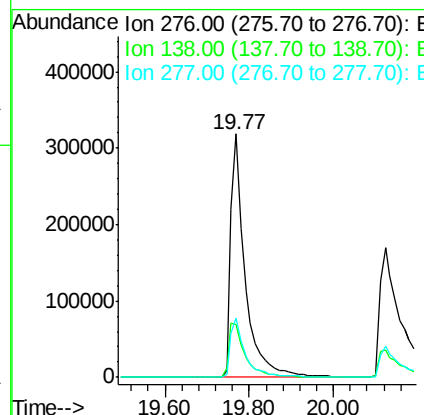
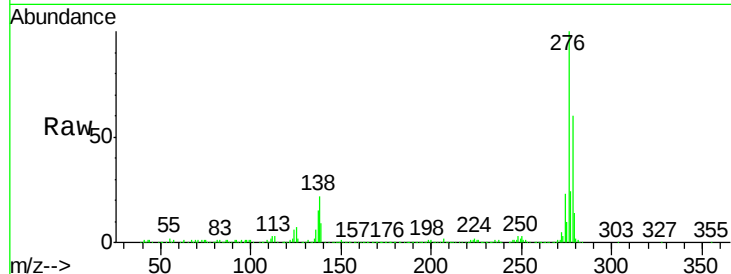
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.72 ng
RT: 19.77 min Scan# 1582
Delta R.T. -0.09 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.1	0.0	0.0#
277	25.3	0.0	0.0#

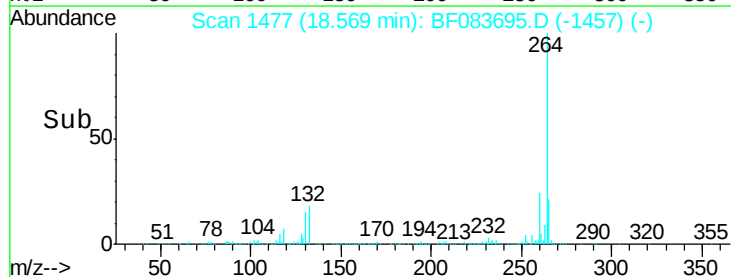
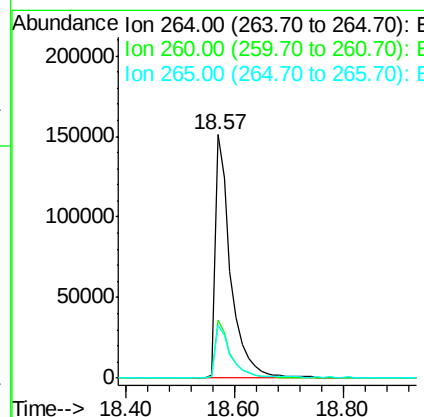
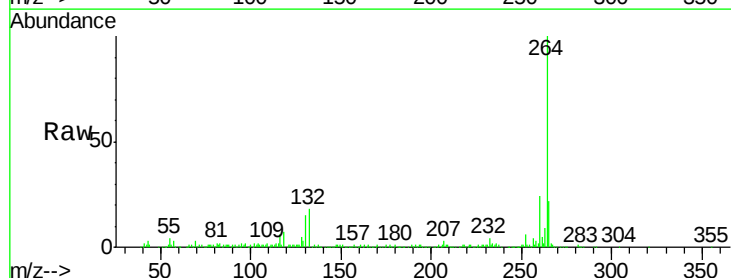
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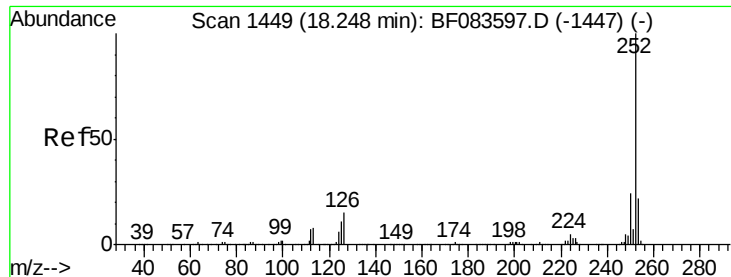
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.57 min Scan# 1477
Delta R.T. -0.07 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.7	17.8	26.6





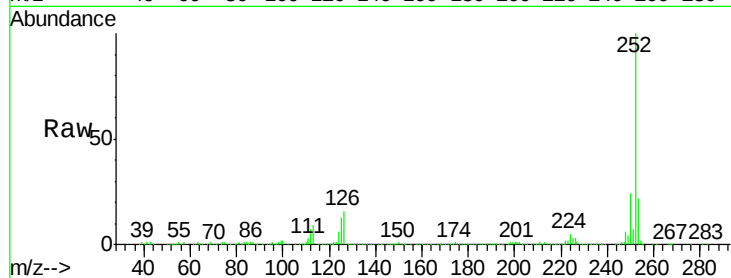
#87
Benzo(b)fluoranthene
Concen: 47.43 ng m
RT: 18.18 min Scan# 1443
Delta R.T. -0.07 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

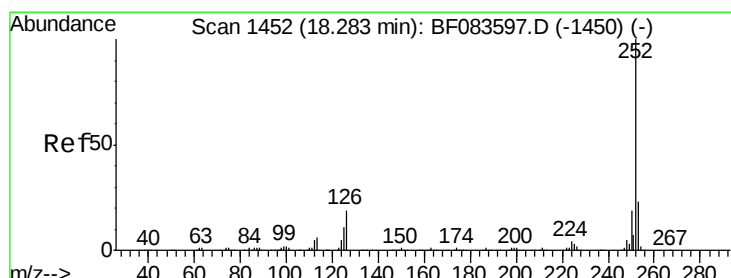
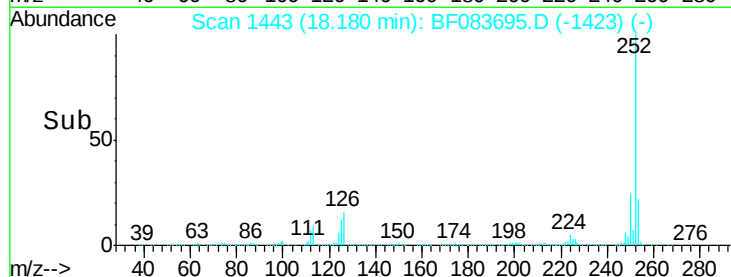
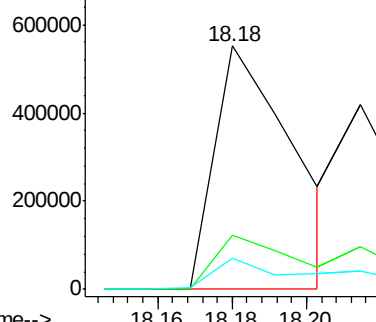
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	12.6	8.2	12.4

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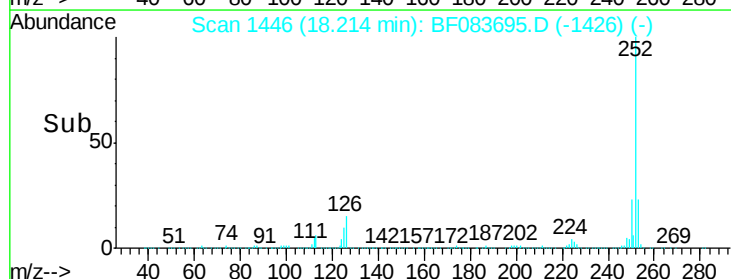
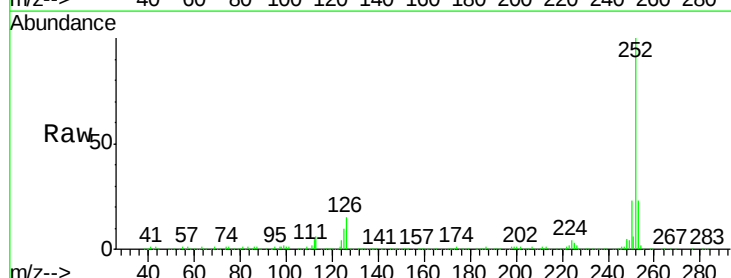
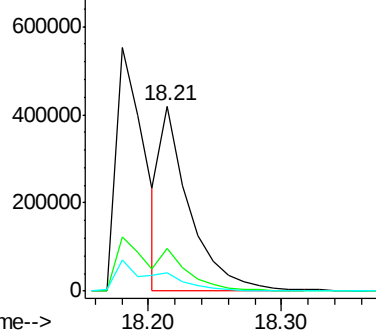
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

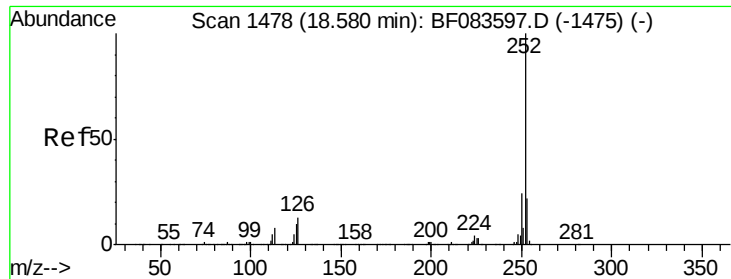


#88
Benzo(k)fluoranthene
Concen: 33.90 ng m
RT: 18.21 min Scan# 1446
Delta R.T. -0.07 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	9.9	11.5	17.3

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





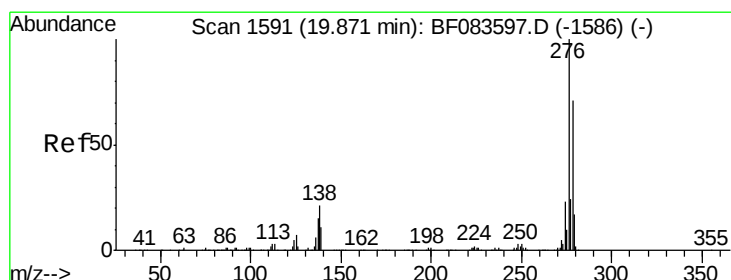
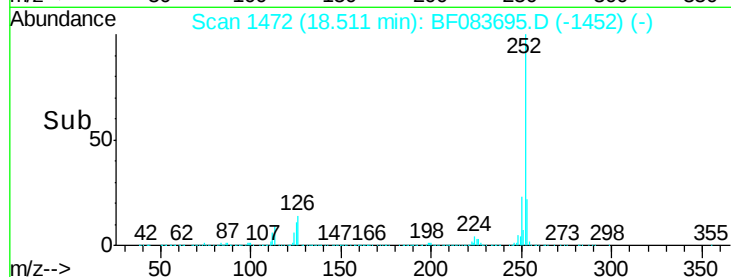
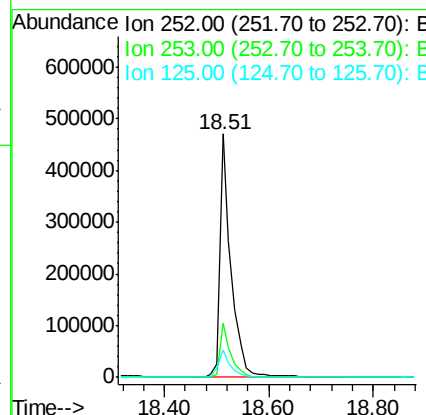
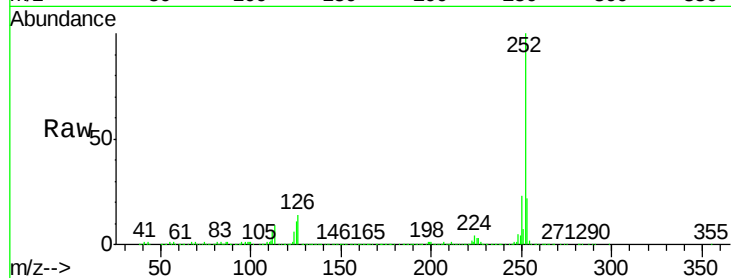
#89
Benzo(a)pyrene
Concen: 41.29 ng
RT: 18.51 min Scan# 1472
Delta R.T. -0.07 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.2	11.0	16.6

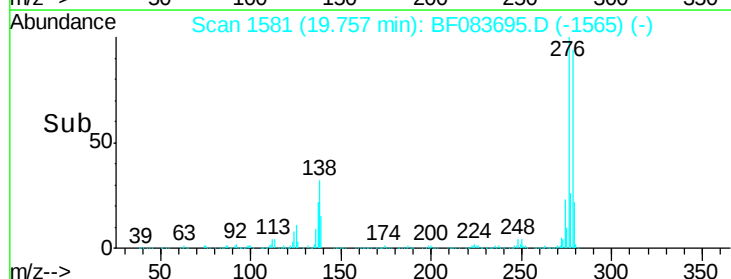
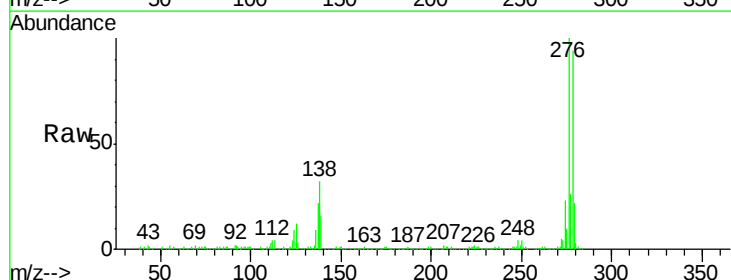
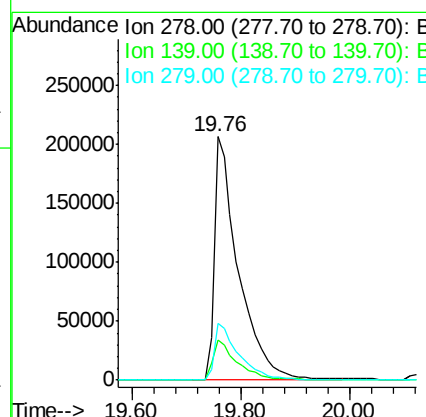
Manual Integrations
APPROVED

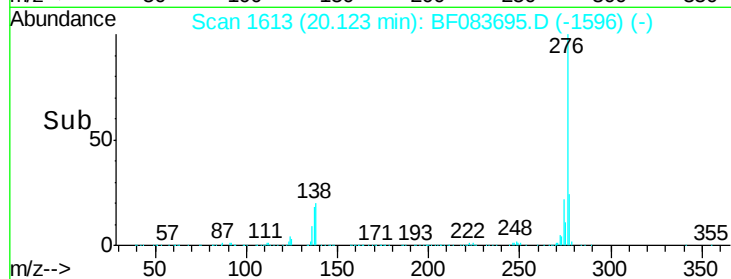
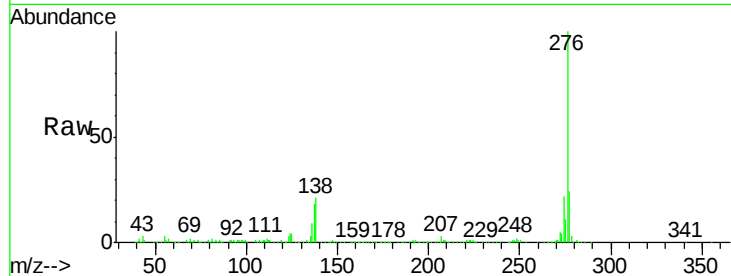
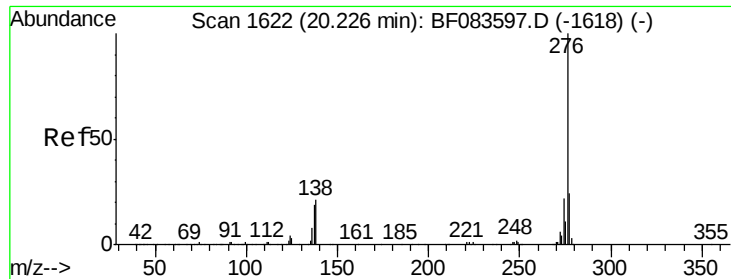
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#90
Dibenzo(a,h)anthracene
Concen: 49.89 ng
RT: 19.76 min Scan# 1581
Delta R.T. -0.11 min
Lab File: BF083695.D
Acq: 11 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	23.5	18.6	28.0





#91

Benzo(a,h,i)perylene

Concen: 48.87 ng

RT: 20.12 min Scan# 1613

Delta R.T. -0.10 min

Lab File: BF083695.D

Acq: 11 Dec 2015 00:33

Tot Ion:	276	Resp:	609233
Ion Ratio		Lower	Upper
276	100		
277	24.1	19.2	28.8
138	20.7	19.5	29.3

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207MSD

Manual Integrations
APPROVED

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