

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078796.D
 Acq On : 29 Apr 2015 1:40
 Operator : TP/IZ
 Sample : G2007-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315MSD

Manual Integrations
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 4/29/2015 3:53:34 PM

Quant Time: Apr 29 13:01:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 11:41:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	97879	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	402334	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	183966	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	346624	20.00	ng	0.00
75) Chrysene-d12	16.30	240	352107	20.00	ng	-0.01
86) Perylene-d12	18.00	264	331688	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	327649	61.48	ng	0.01
7) Phenol-d6	6.94	99	257323	36.15	ng	0.00
23) Nitrobenzene-d5	8.08	82	562184	100.60	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	260417	141.88	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	1299616	96.74	ng	0.00
78) Terphenyl-d14	14.99	244	1297535	87.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	38834	15.88	ng	# 12
3) Pyridine	3.19	79	93710	12.98	ng	98
4) n-Nitrosodimethylamine	3.08	42	56606m	17.45	ng	
6) Aniline	6.98	93	92354	8.88	ng	98
8) 2-Chlorophenol	7.12	128	229651	37.49	ng	99
9) Benzaldehyde	6.84	77	37826	7.36	ng	97
10) Phenol	6.95	94	109337	13.00	ng	97
11) bis(2-Chloroethyl)ether	7.07	93	290959	46.77	ng	99
12) 1,3-Dichlorobenzene	7.31	146	300237	42.21	ng	99
13) 1,4-Dichlorobenzene	7.42	146	313736	43.08	ng	98
14) 1,2-Dichlorobenzene	7.60	146	306430	45.04	ng	100
15) Benzyl Alcohol	7.56	79	157198	29.64	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.75	45	473098	48.64	ng	99
17) 2-Methylphenol	7.70	107	148175	29.88	ng	97
18) Hexachloroethane	8.02	117	104622	43.50	ng	96
19) n-Nitroso-di-n-propylamine	7.91	70	237129	47.75	ng	# 83
20) 3+4-Methylphenols	7.90	107	176418	27.31	ng	# 58
22) Acetophenone	7.90	105	449237	50.40	ng	98
24) Nitrobenzene	8.10	77	308993	51.63	ng	97
25) Isophorone	8.40	82	590407	46.73	ng	99
26) 2-Nitrophenol	8.50	139	94157	53.65	ng	99
27) 2,4-Dimethylphenol	8.55	122	196507	35.07	ng	98
28) bis(2-Chloroethoxy)methane	8.68	93	369749	47.40	ng	99
29) 2,4-Dichlorophenol	8.79	162	213378	44.54	ng	98
30) 1,2,4-Trichlorobenzene	8.90	180	254739	46.31	ng	98
31) Naphthalene	8.99	128	848367	44.43	ng	99
32) Benzoic acid	8.60	122	19586	11.52	ng	98
33) 4-Chloroaniline	9.06	127	107714	13.40	ng	99
34) Hexachlorobutadiene	9.15	225	138130	44.50	ng	99
35) Caprolactam	9.48	113	8814	5.78	ng	95
36) 4-Chloro-3-methylphenol	9.66	107	212668	42.28	ng	99
37) 2-Methylnaphthalene	9.85	142	615818	47.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	240820	46.20	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	219125	100.01	ng	98

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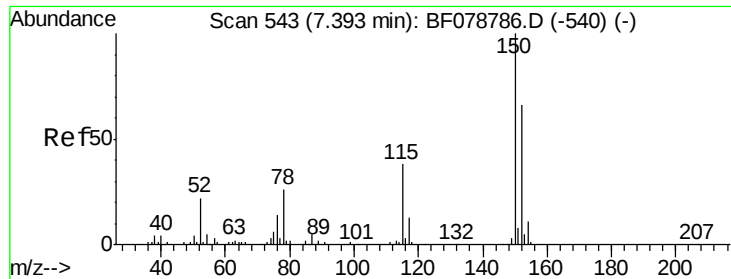
Manual Integrations
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Quant Time: Apr 29 13:01:25 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.20	196	148566	46.78	nq	97
43) 2,4,5-Trichlorophenol	10.24	196	156977	46.44	nq	# 94
45) 1,1'-Biphenyl	10.43	154	717485	48.60	nq	99
46) 2-Chloronaphthalene	10.46	162	547833	47.48	nq	99
47) 2-Nitroaniline	10.58	65	135529	53.78	nq	95
48) Acenaphthylene	10.97	152	885705	46.91	nq	99
49) Dimethylphthalate	10.82	163	661904	50.61	nq	99
50) 2,6-Dinitrotoluene	10.89	165	121175	56.87	nq	95
51) Acenaphthene	11.19	154	552637	49.84	nq	99
52) 3-Nitroaniline	11.10	138	60042	21.72	nq	95
53) 2,4-Dinitrophenol	11.22	184	42337	124.90	nq	# 79
54) Dibenzofuran	11.40	168	829728	51.01	nq	99
55) 4-Nitrophenol	11.29	139	73448	36.95	nq	94
56) 2,4-Dinitrotoluene	11.39	165	156869	57.51	nq	# 64
57) Fluorene	11.83	166	639498	49.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.55	232	127175	50.24	nq	# 100
59) Diethylphthalate	11.70	149	700014	53.79	nq	99
60) 4-Chlorophenyl-phenylether	11.84	204	296070	51.17	nq	99
61) 4-Nitroaniline	11.85	138	100407	37.00	nq	97
62) Azobenzene	12.03	77	715332	53.91	nq	98
64) 4,6-Dinitro-2-methylphenol	11.88	198	36673	59.24	nq	88
65) n-Nitrosodiphenylamine	11.99	169	548757	48.97	nq	98
66) 4-Bromophenyl-phenylether	12.45	248	176637	50.48	nq	93
67) Hexachlorobenzene	12.50	284	200235	50.52	nq	97
68) Atrazine	12.65	200	167864	55.93	nq	98
69) Pentachlorophenol	12.75	266	185048	86.59	nq	98
70) Phenanthrene	13.03	178	953996	50.83	nq	99
71) Anthracene	13.09	178	921454	50.22	nq	100
72) Carbazole	13.29	167	928661	53.60	nq	99
73) Di-n-butylphthalate	13.74	149	1091757	54.39	nq	99
74) Fluoranthene	14.50	202	984067	52.58	nq	99
76) Benzidine	14.69	184	184899	16.22	nq	100
77) Pyrene	14.79	202	1044130	50.75	nq	99
79) Butylbenzylphthalate	15.61	149	457349	57.97	nq	95
80) Benzo(a)anthracene	16.27	228	949774	50.28	nq	99
81) 3,3'-Dichlorobenzidine	16.25	252	83487	12.98	nq	# 96
82) Chrysene	16.32	228	898053	48.77	nq	99
83) Bis(2-ethylhexyl)phthalate	16.33	149	700949	55.35	nq	99
84) Di-n-octyl phthalate	17.11	149	1149182	54.77	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.52	276	1095568	52.44	nq	# 100
87) Benzo(b)fluoranthene	17.55	252	931377	51.87	nq	# 97
88) Benzo(k)fluoranthene	17.59	252	947016m	54.43	nq	
89) Benzo(a)pyrene	17.93	252	894268	55.67	nq	# 94
90) Dibenzo(a,h)anthracene	19.55	278	897043	53.92	nq	98
91) Benzo(g,h,i)perylene	19.98	276	899026	53.84	nq	97

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



#1

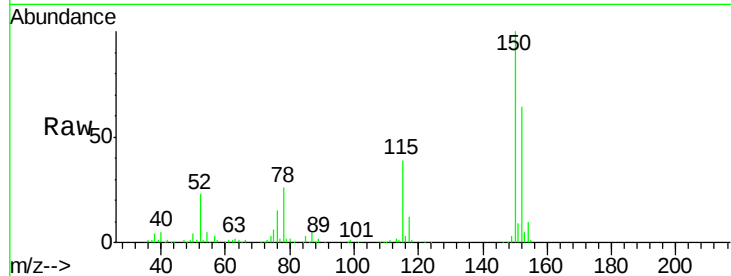
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

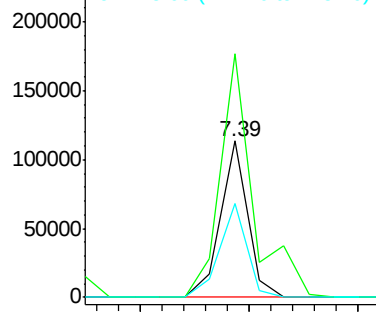
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.0	183.0
115	60.0	46.3	69.5

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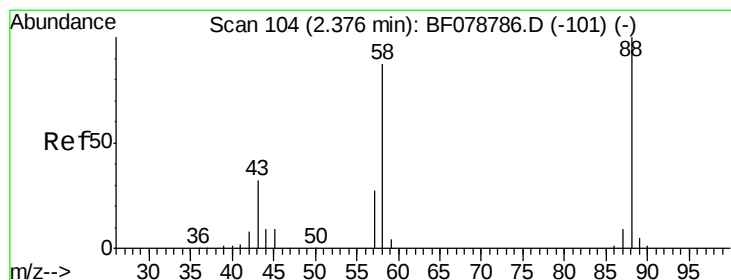
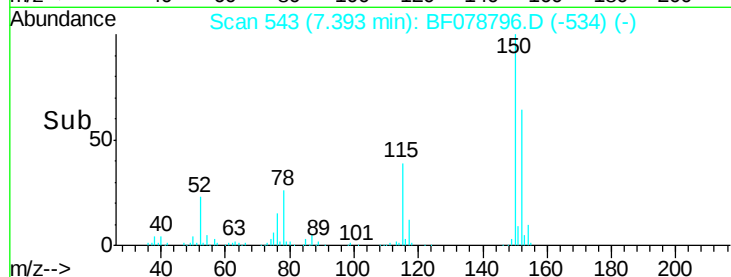
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



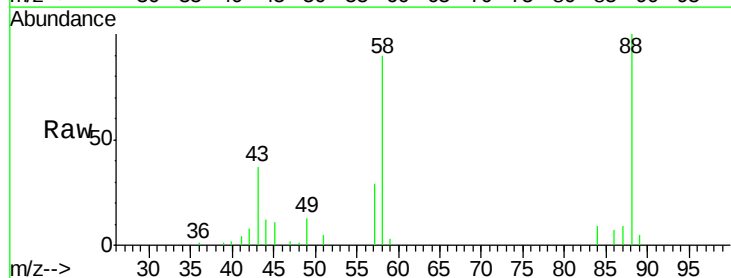
Time-->



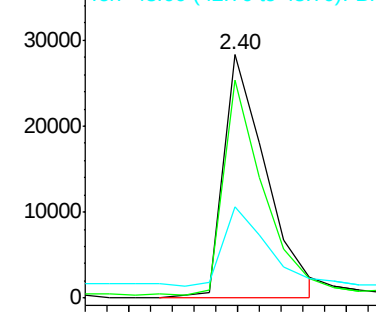
#2

1,4-Dioxane
Concen: 15.88 ng
RT: 2.40 min Scan# 106
Delta R.T. 0.02 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

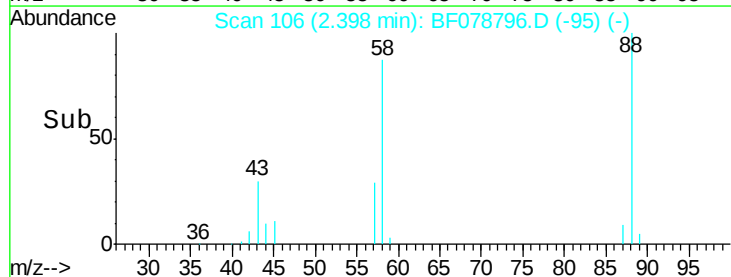
Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	0.0	0.0#
43	33.0	3.3	4.9#

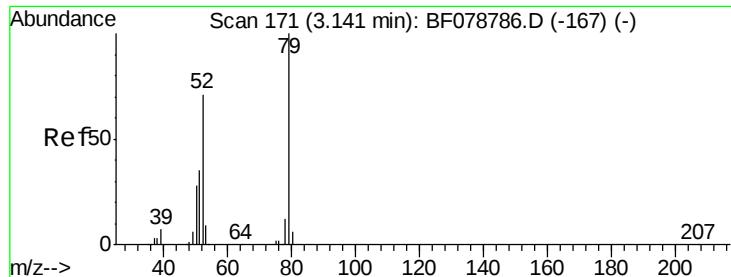


Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



Time-->





#3

Pvridine

Concen: 12.98 ng

RT: 3.19 min Scan# 175

Delta R.T. 0.05 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

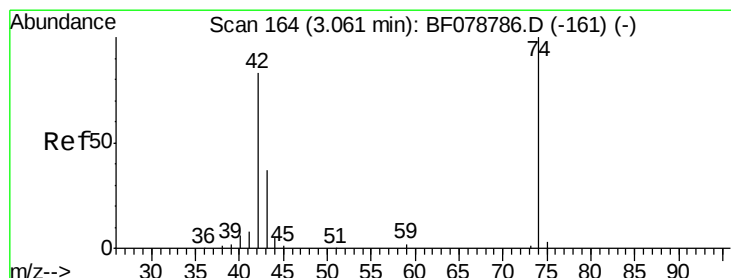
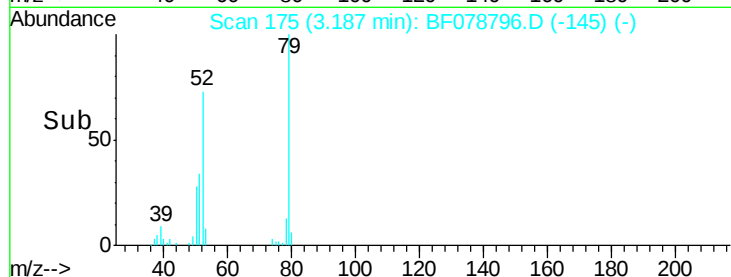
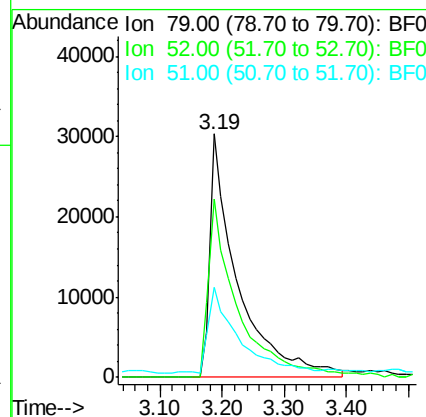
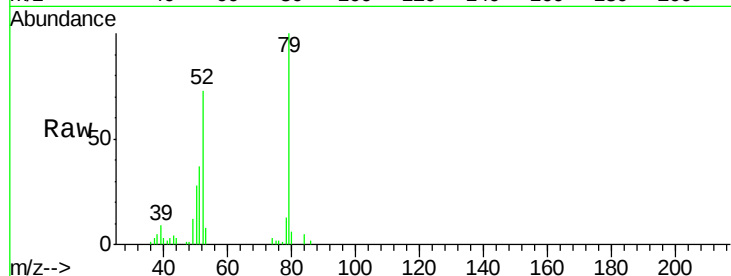
ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion:	79	Resp:	93710
Ion Ratio	Lower	Upper	
79	100		
52	73.4	57.2	85.8
51	37.0	28.9	43.3

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#4

n-Nitrosodimethylamine

Concen: 17.45 ng

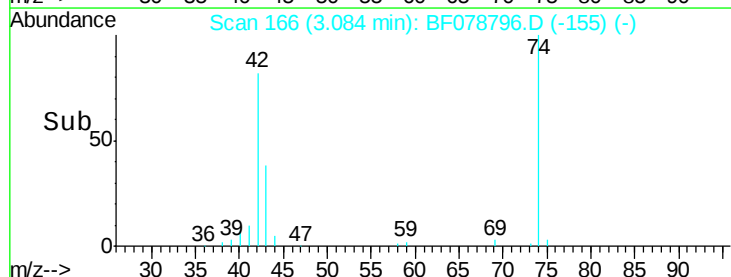
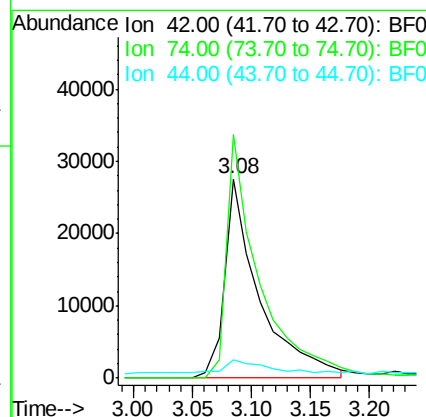
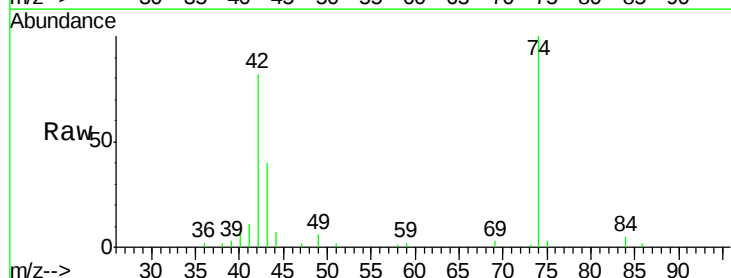
RT: 3.08 min Scan# 166

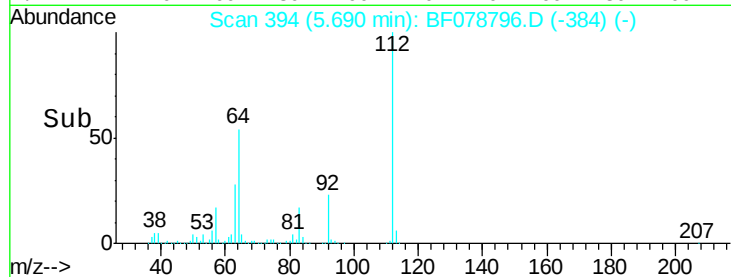
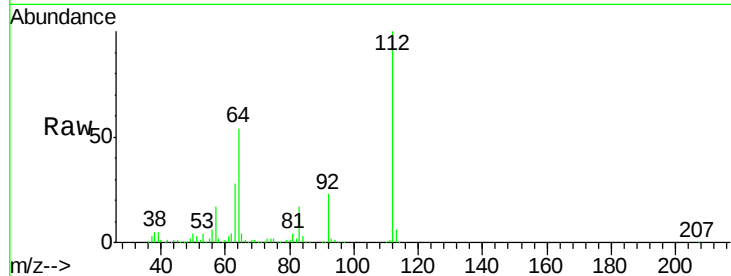
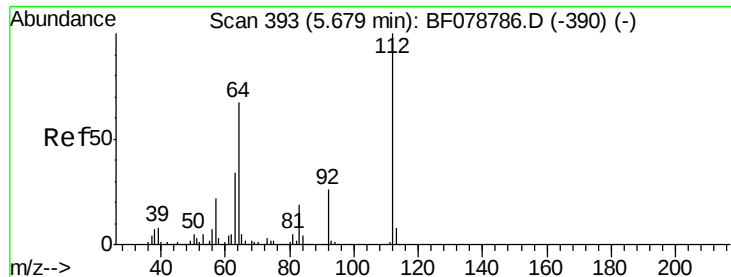
Delta R.T. 0.02 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Tgt Ion:	42	Resp:	56606
Ion Ratio	Lower	Upper	
42	100		
74	122.4	96.5	144.7
44	9.0	6.1	9.1





#5

2-Fluorophenol

Concen: 61.48 ng

RT: 5.69 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF078796.D

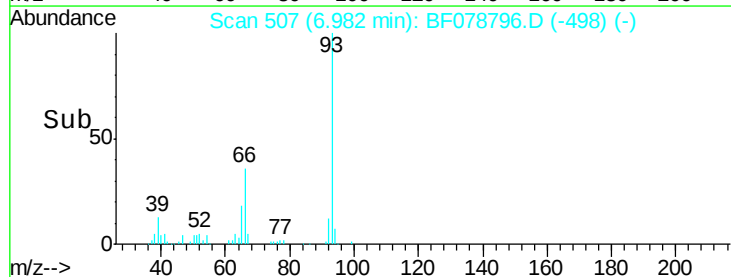
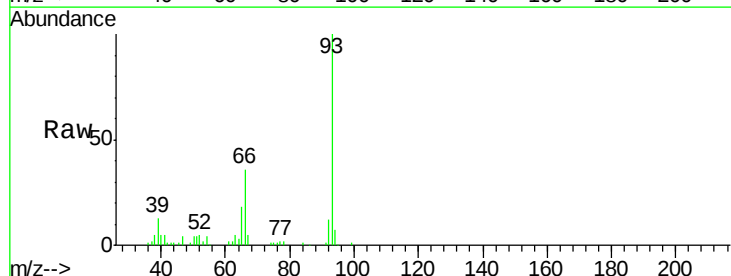
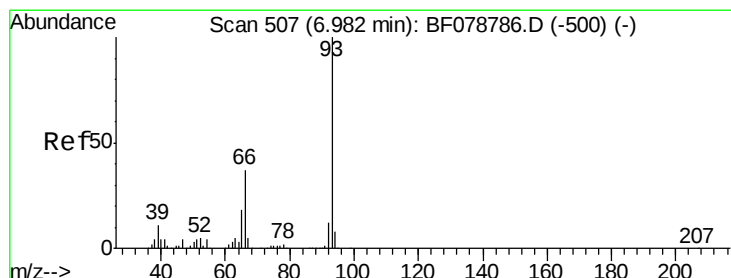
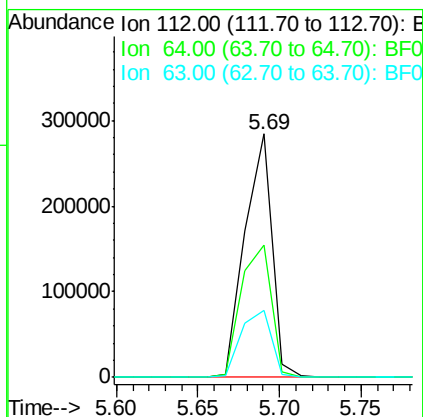
Acq: 29 Apr 2015 1:40

Tot Ion:	112	Resp:	327649
Ion Ratio	Lower	Upper	
112	100		
64	54.1	53.5	80.3
63	27.7	27.5	41.3

Instrument :
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DCW-WW-117-42315MSD

Manual Integrations
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#6

Aniline

Concen: 8.88 ng

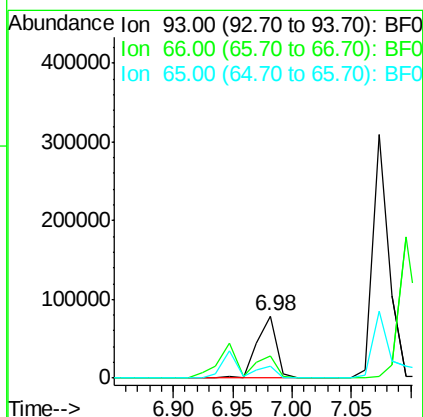
RT: 6.98 min Scan# 507

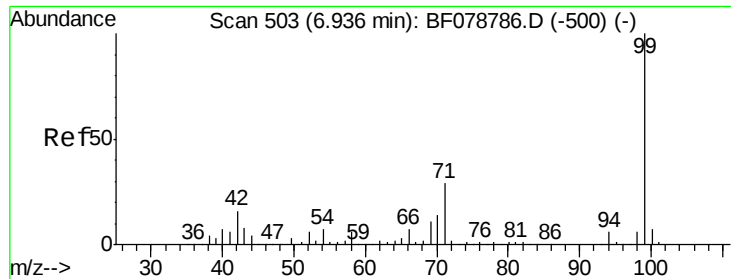
Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Tgt Ion:	93	Resp:	92354
Ion Ratio	Lower	Upper	
93	100		
66	35.7	29.7	44.5
65	18.4	14.6	22.0





#7

Phenol-d6

Concen: 36.15 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

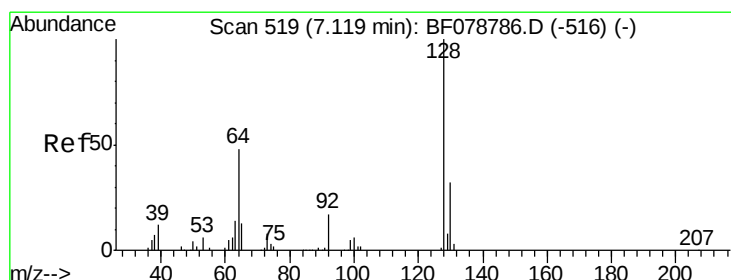
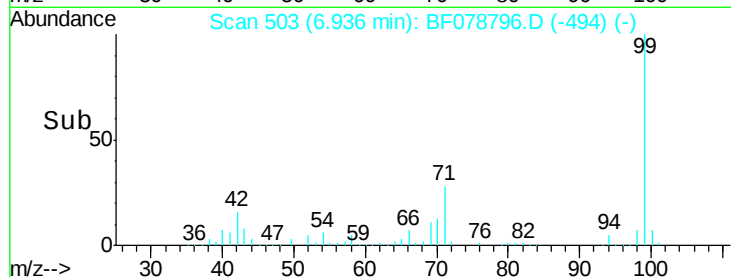
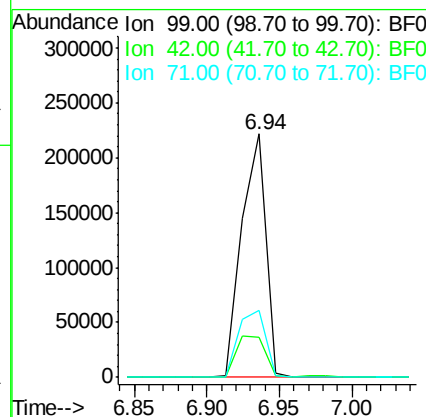
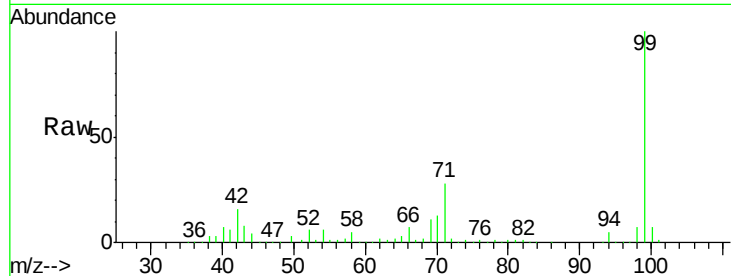
ClientSampleId :

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Tot Ion:	99	Resp:	257323
Ion Ratio	Lower	Upper	
99	100		
42	16.2	12.8	19.2
71	27.6	23.4	35.2

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#8

2-Chlorophenol

Concen: 37.49 ng

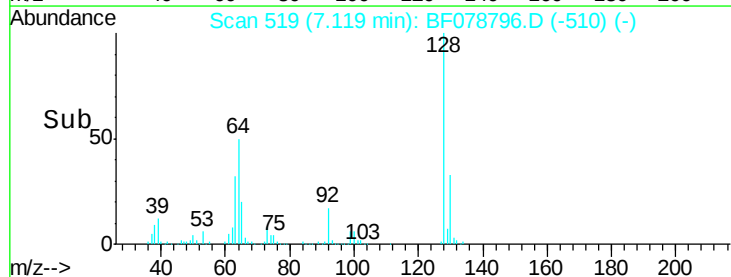
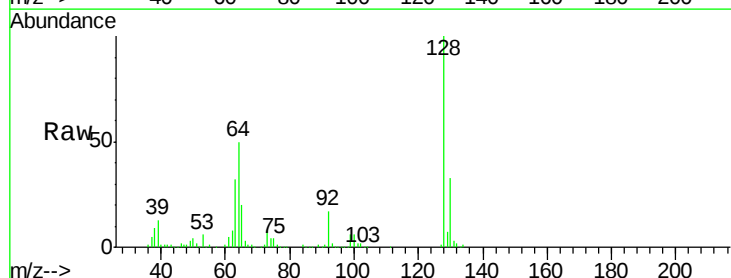
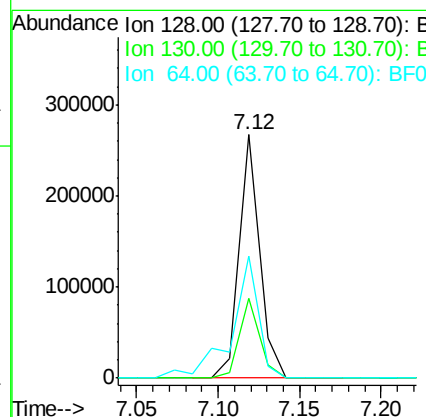
RT: 7.12 min Scan# 519

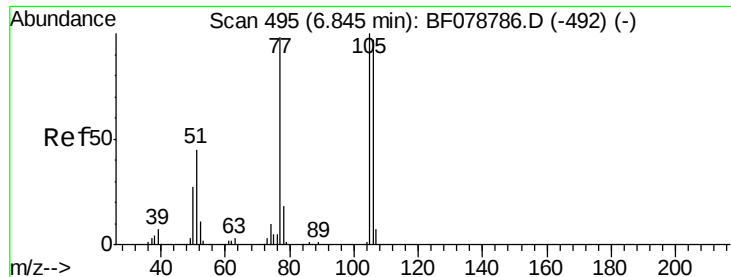
Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Tgt Ion:	128	Resp:	229651
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.1	52.1
64	50.3	29.6	69.6





#9

Benzaldehyde

Concen: 7.36 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

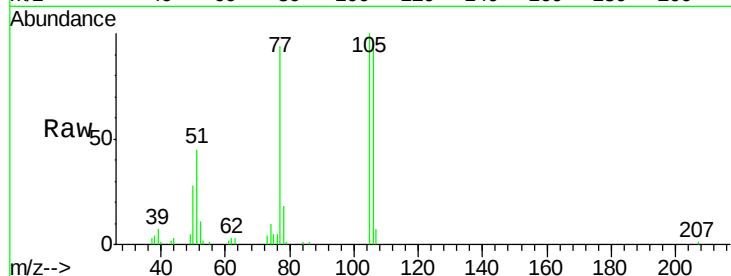
ClientSampleId :

DCW-WW-117-42315MSD

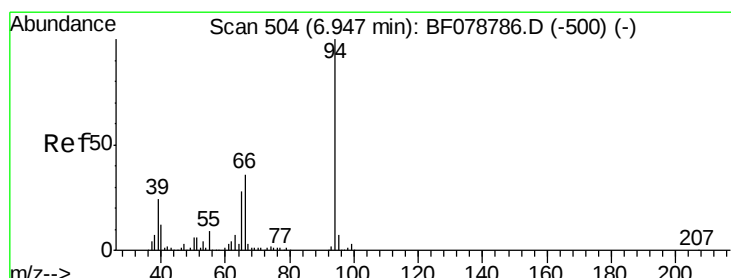
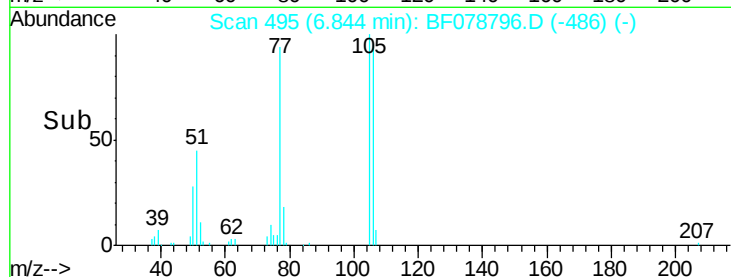
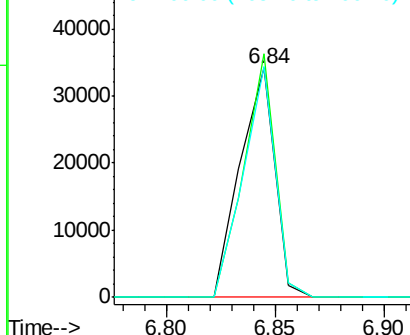
Tot Ion:	77	Resp:	37826
Ion	Ratio	Lower	Upper
77	100		
105	106.2	81.7	121.7
106	100.6	79.0	119.0

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 13.00 ng

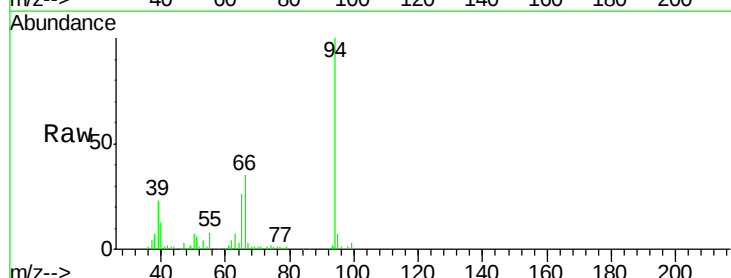
RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

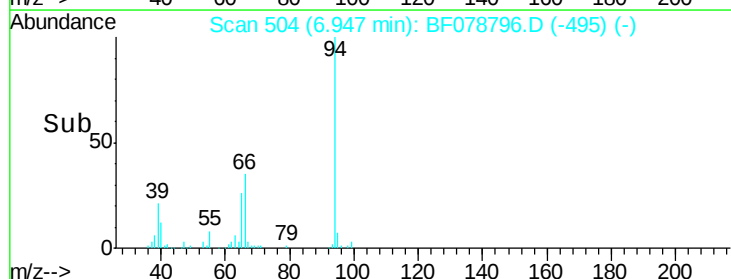
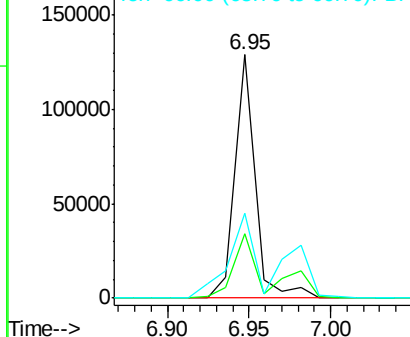
Lab File: BF078796.D

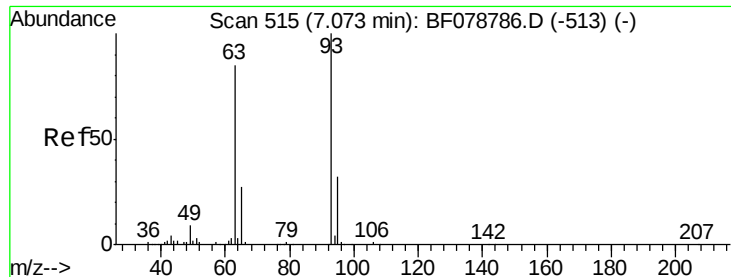
Acq: 29 Apr 2015 1:40

Tgt Ion:	94	Resp:	109337
Ion	Ratio	Lower	Upper
94	100		
65	26.3	8.5	48.5
66	34.9	16.0	56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.77 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

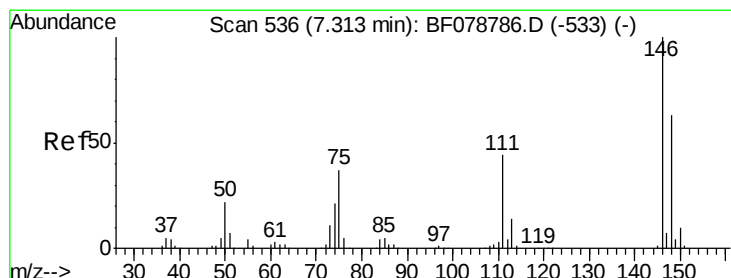
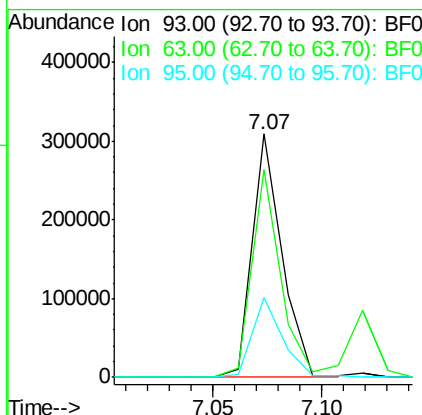
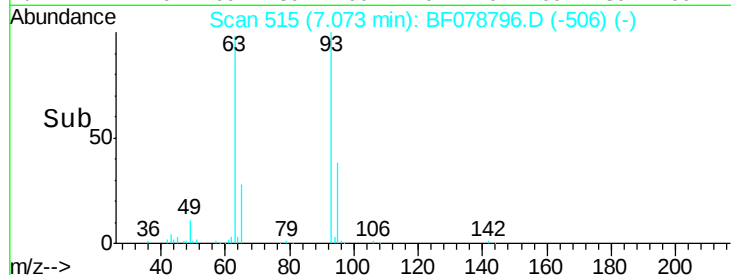
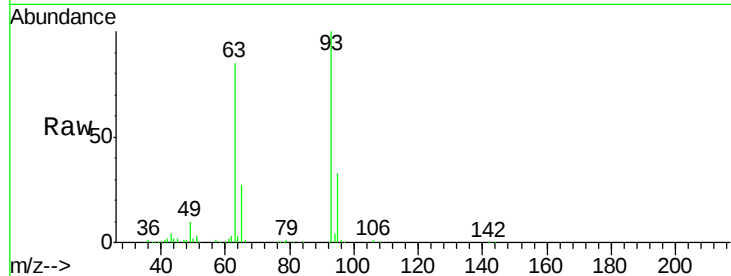
ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion:	93	Resp:	290959
Ion Ratio	Lower	Upper	
93	100		
63	85.3	64.8	104.8
95	32.6	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 42.21 ng

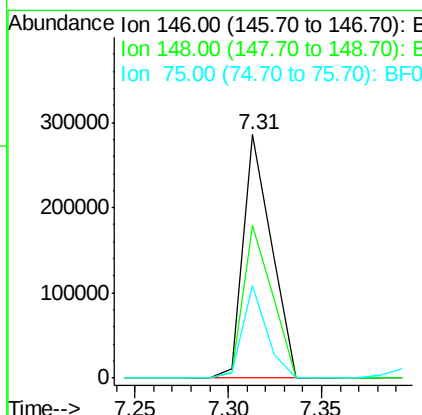
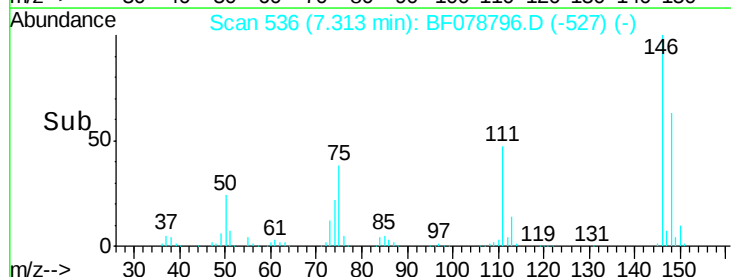
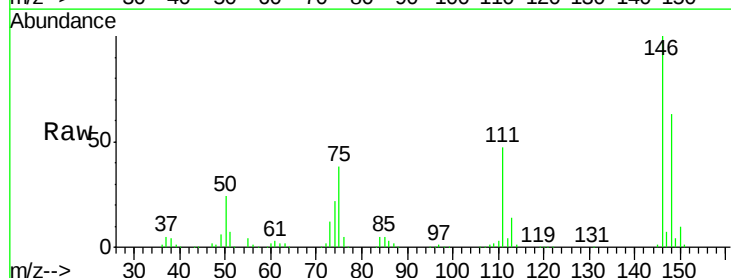
RT: 7.31 min Scan# 536

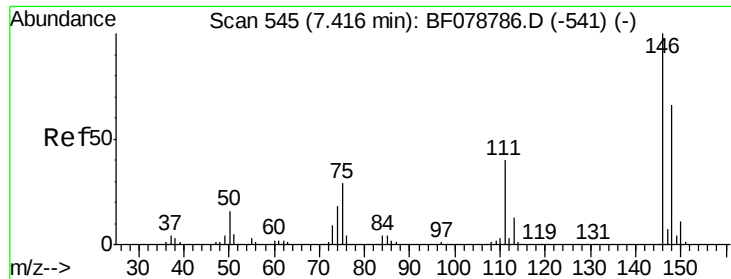
Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Tgt Ion:	146	Resp:	300237
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.2	75.2
75	38.1	29.2	43.8





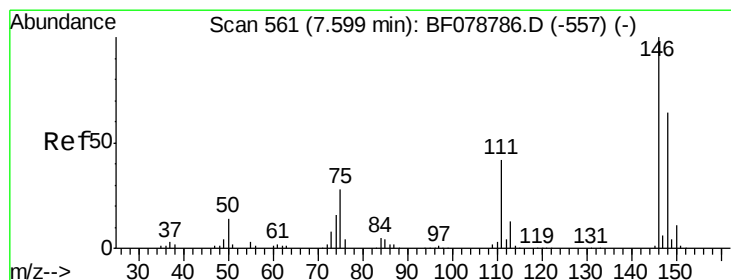
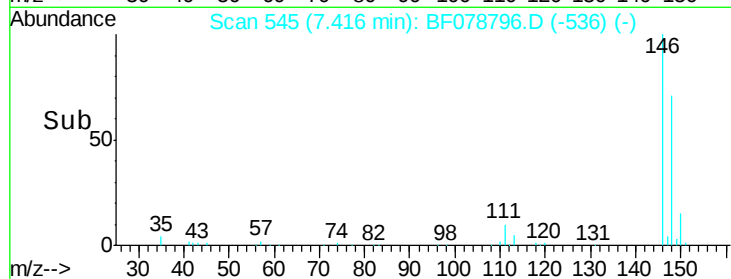
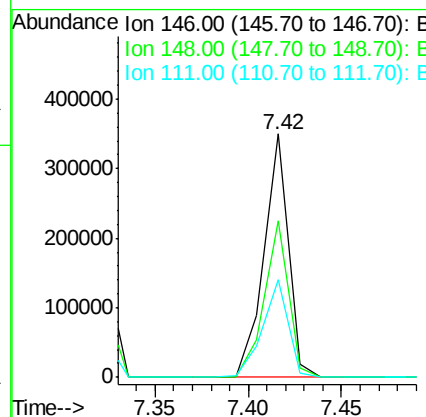
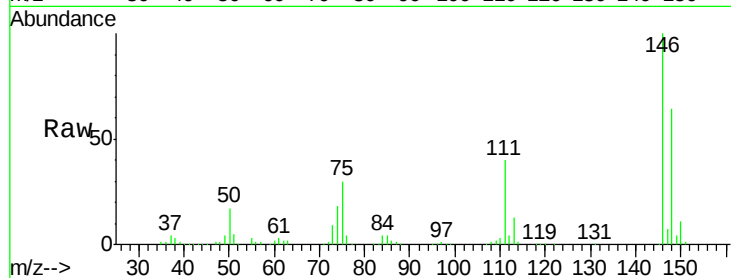
#13
 1,4-Dichlorobenzene
 Concen: 43.08 ng
 RT: 7.42 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.8	79.2
111	40.3	31.7	47.5

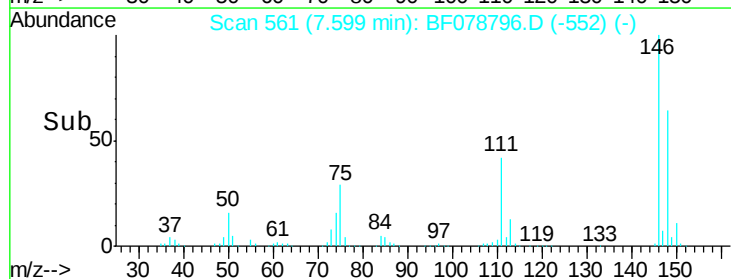
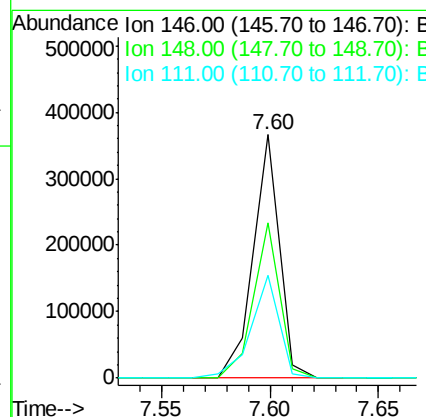
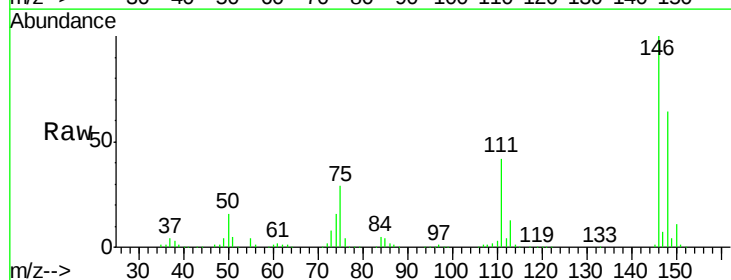
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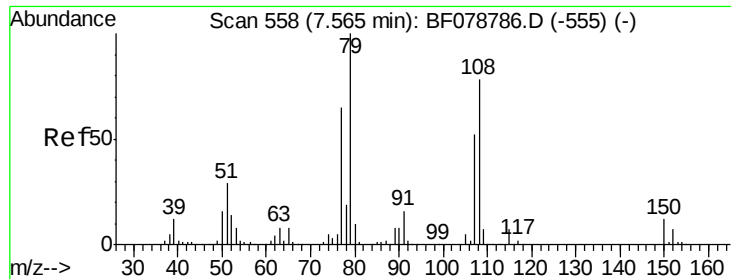
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#14
 1,2-Dichlorobenzene
 Concen: 45.04 ng
 RT: 7.60 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
111	42.1	33.3	49.9





#15

Benzyl Alcohol

Concen: 29.64 ng

RT: 7.56 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

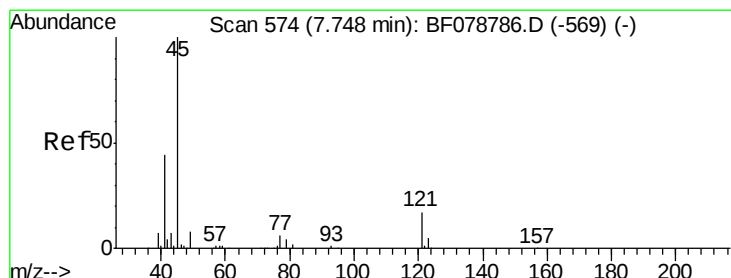
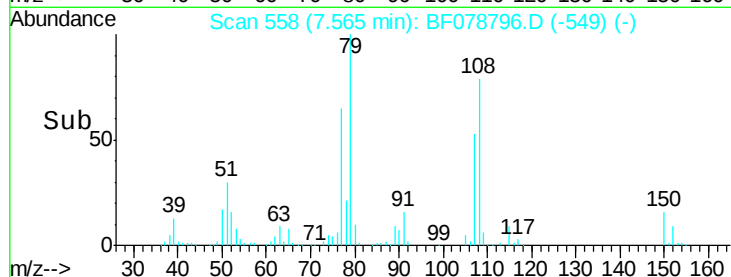
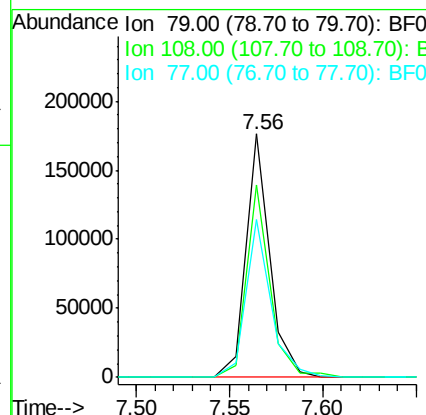
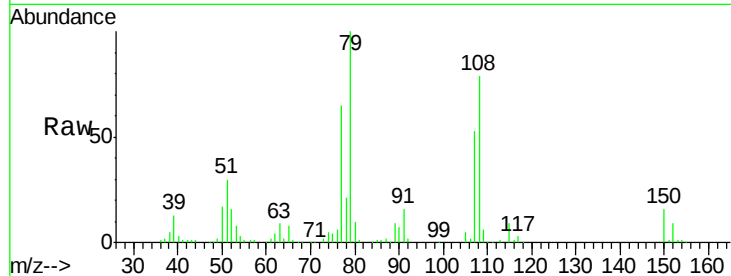
ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion:	79	Resp:	157198
Ion Ratio	Lower	Upper	
79	100		
108	78.8	62.5	93.7
77	64.6	52.2	78.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.64 ng

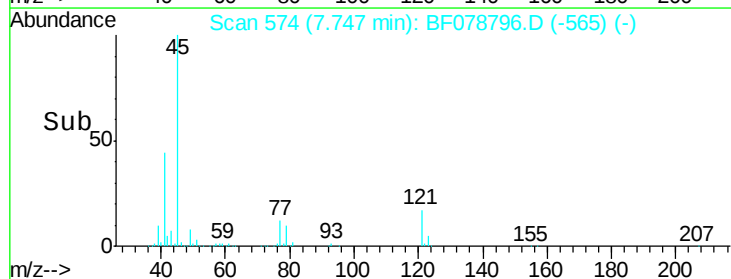
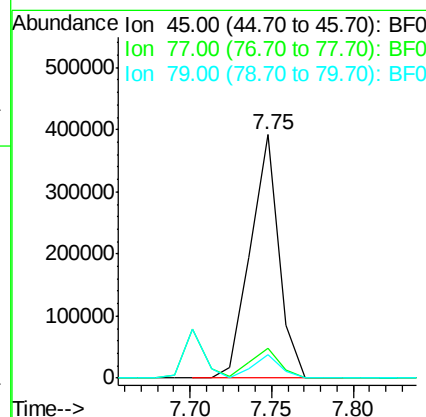
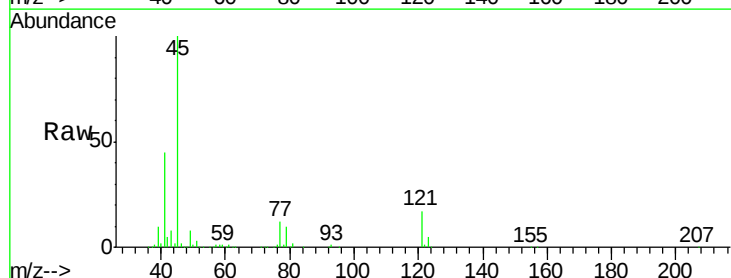
RT: 7.75 min Scan# 574

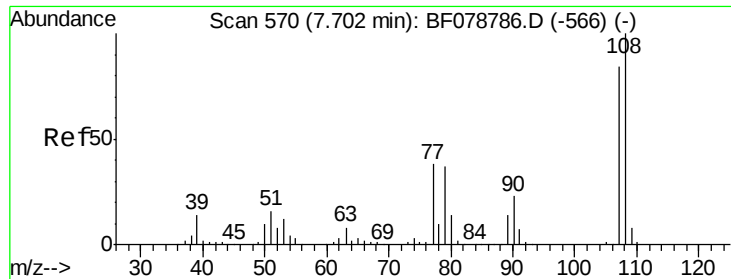
Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Tgt Ion:	45	Resp:	473098
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	32.3
79	9.7	0.0	30.1





#17

2-Methylphenol

Concen: 29.88 ng

RT: 7.70 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

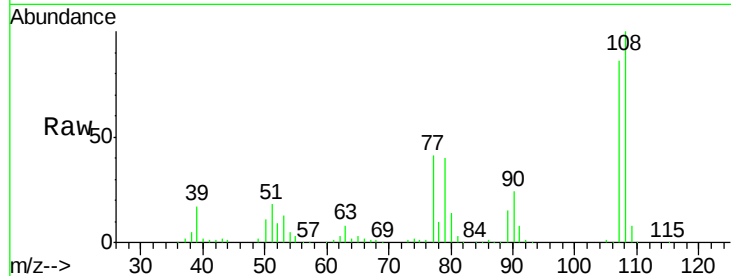
ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	148175		
108	116.5	94.9	142.3		
77	47.5	36.2	54.4		
79	47.0	35.2	52.8		

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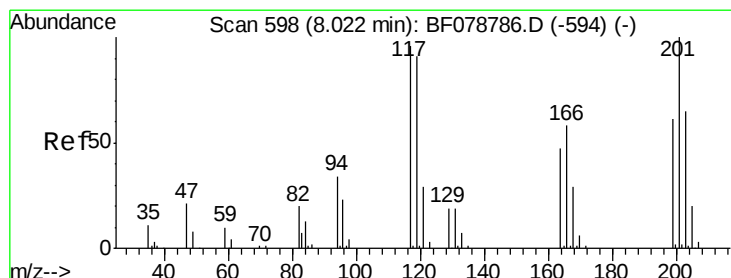
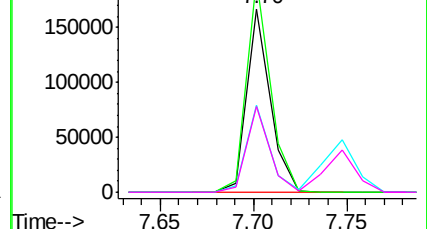
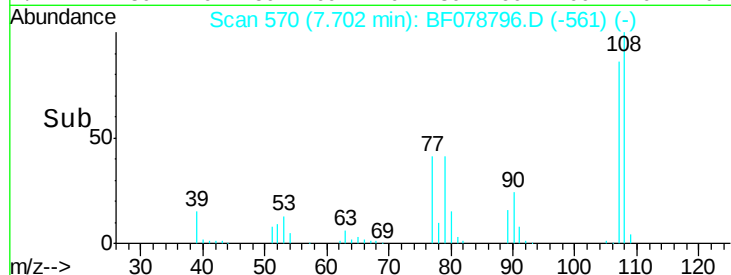


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.50 ng

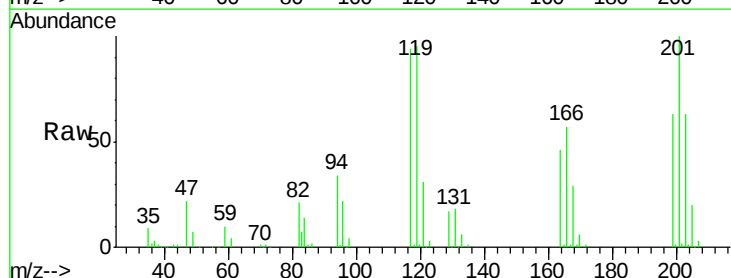
RT: 8.02 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

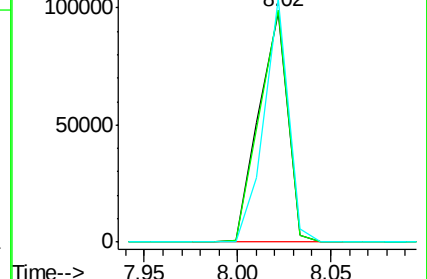
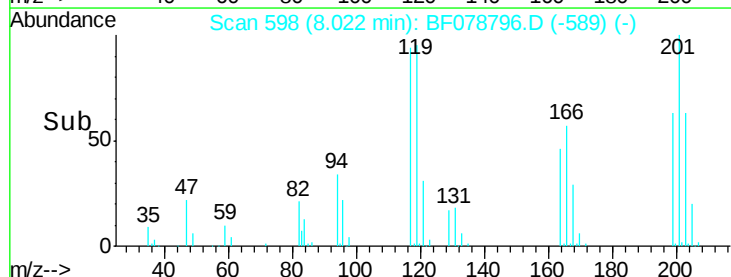
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	104622		
119	101.0	75.4	113.0		
201	105.9	83.2	124.8		

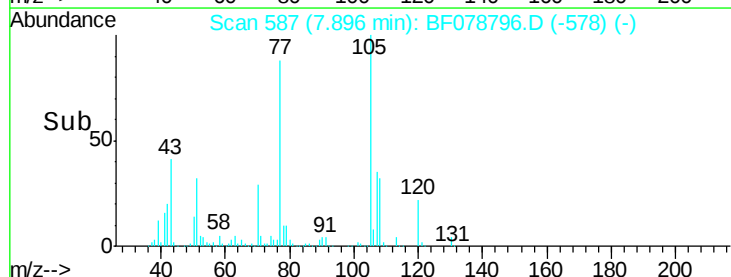
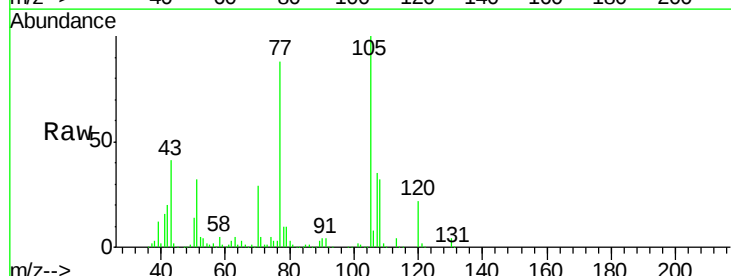
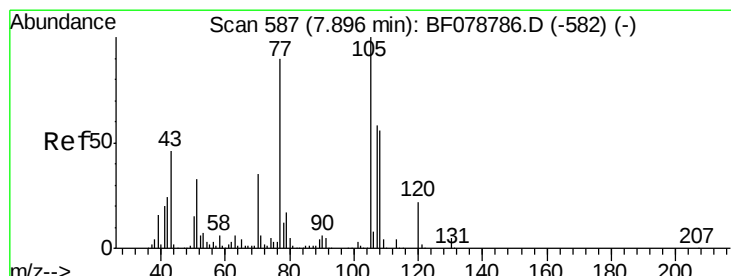
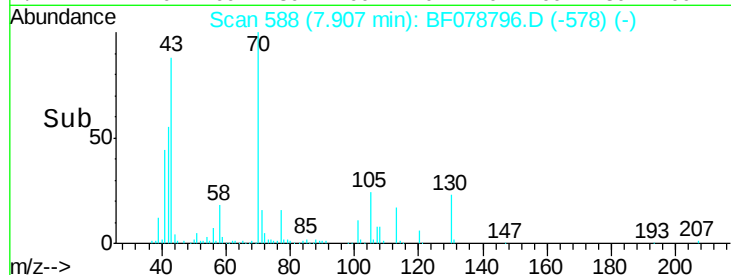
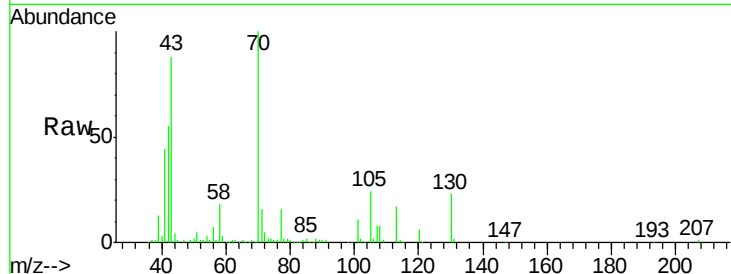
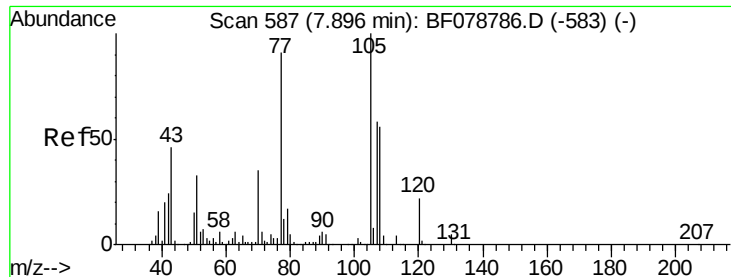


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





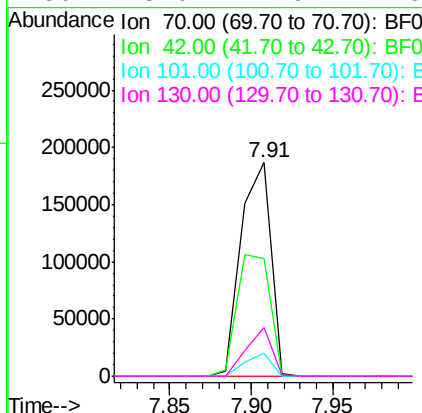
#19
n-Nitroso-di-n-propylamine
Concen: 47.75 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.0	55.4	83.0#	
101	10.5	6.6	10.0#	
130	23.0	11.9	17.9#	

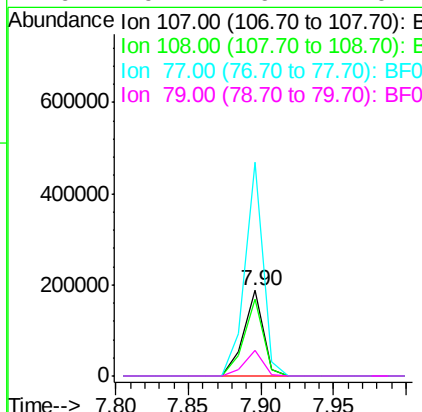
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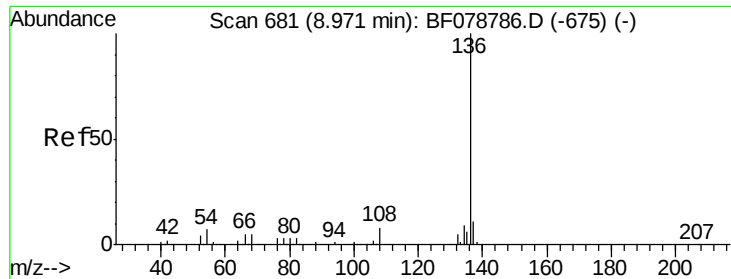
apatel
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#20
3+4-Methylphenols
Concen: 27.31 ng
RT: 7.90 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	76.9	116.9	
77	250.8	136.8	176.8#	
79	29.7	9.7	49.7	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.97 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

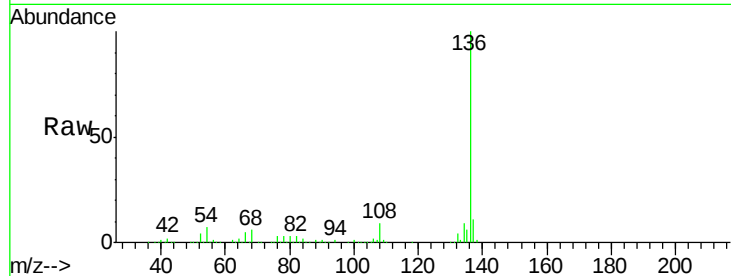
ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	402334		
137	10.7	8.7	13.1	
54	7.4	5.8	8.8	
68	5.6	4.2	6.4	

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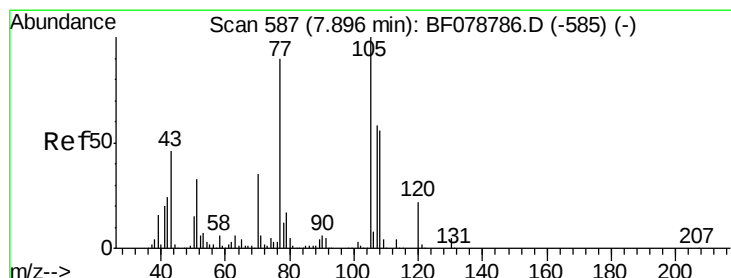
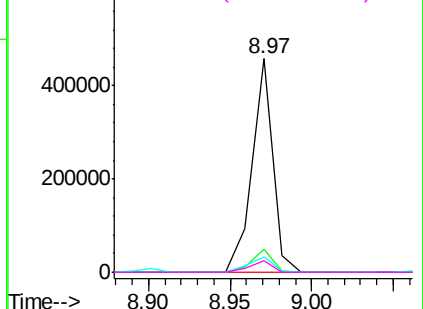
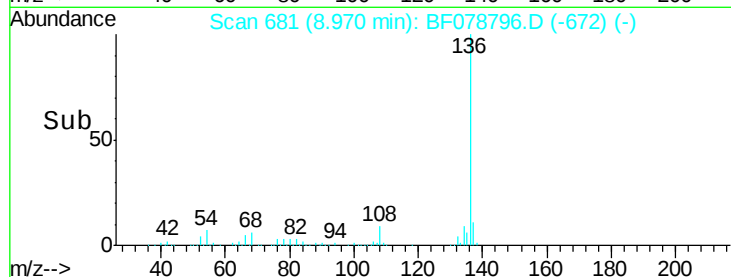


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.40 ng

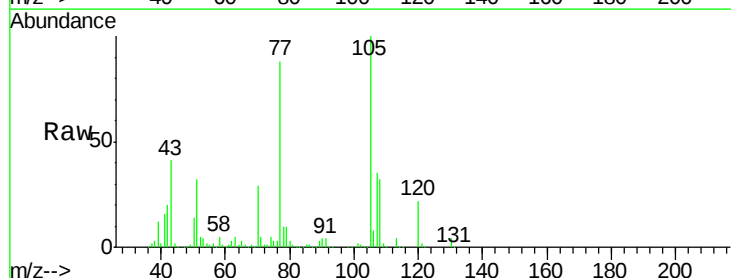
RT: 7.90 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	449237		
71	4.7	4.6	6.8	
51	31.6	26.7	40.1	
120	22.0	17.4	26.0	

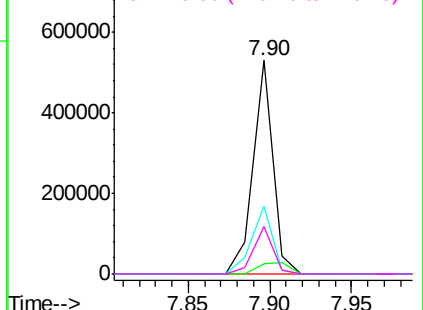
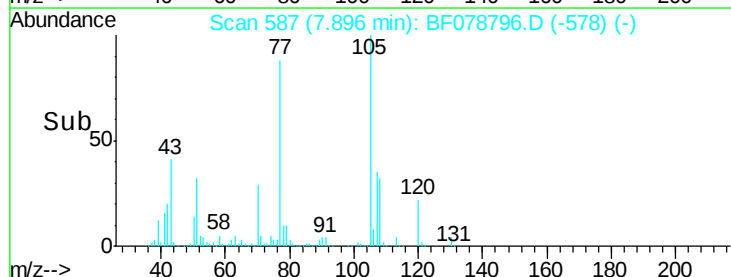


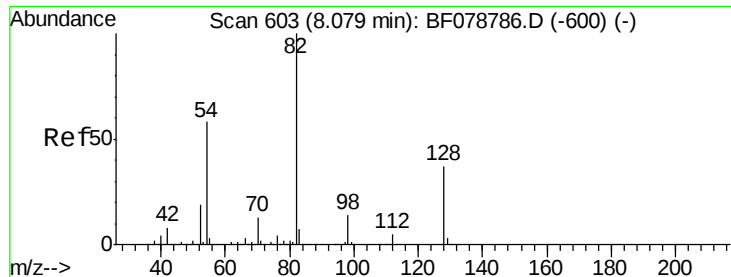
Abundance Ion 105.00 (104.70 to 105.70): E

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





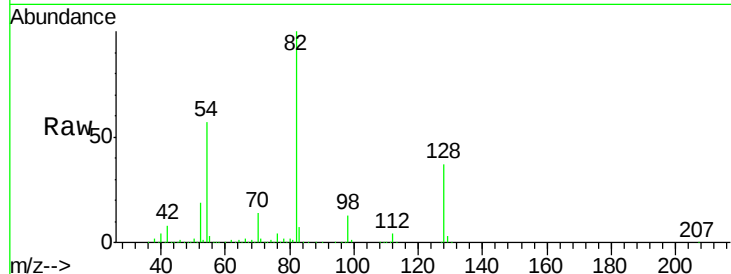
#23
 Nitrobenzene-d5
 Concen: 100.60 ng
 RT: 8.08 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315MSD

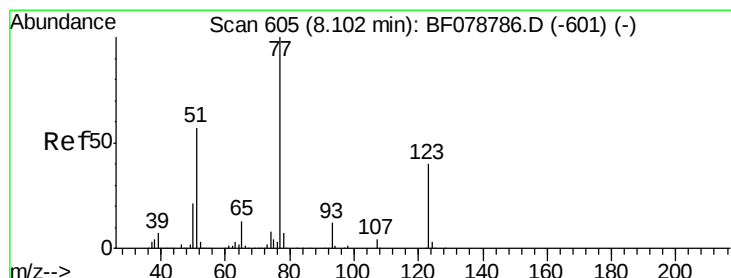
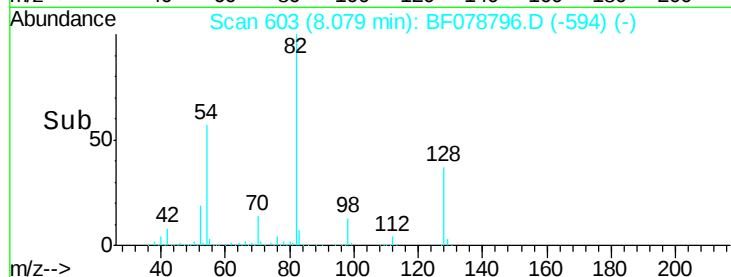
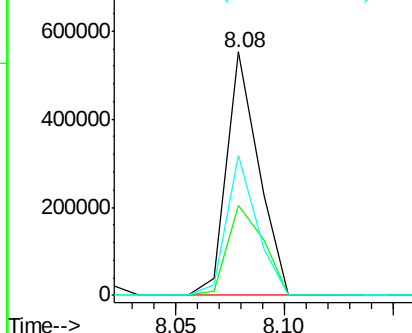
Tot Ion	Ratio	Resp	Lower	Upper
82	100	562184		
128	37.1	30.0	45.0	
54	57.4	46.4	69.6	

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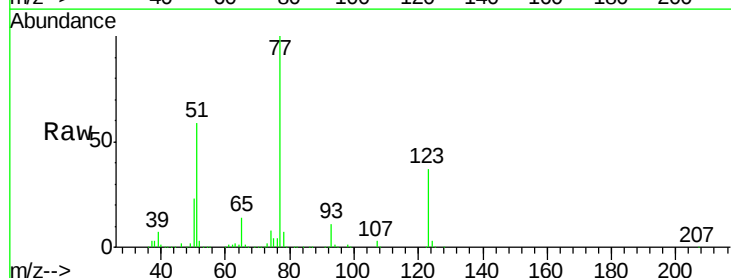


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

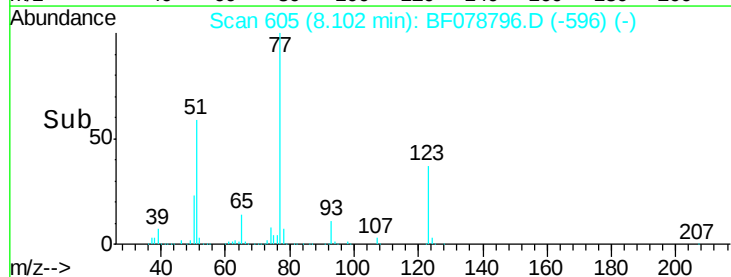
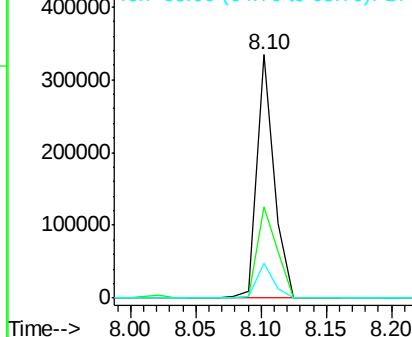


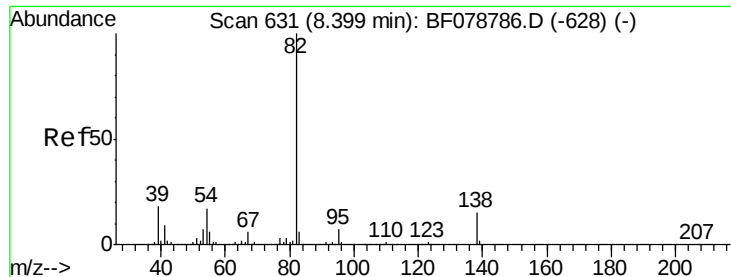
#24
 Nitrobenzene
 Concen: 51.63 ng
 RT: 8.10 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	308993		
123	37.4	31.8	47.8	
65	14.2	10.6	15.8	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.73 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

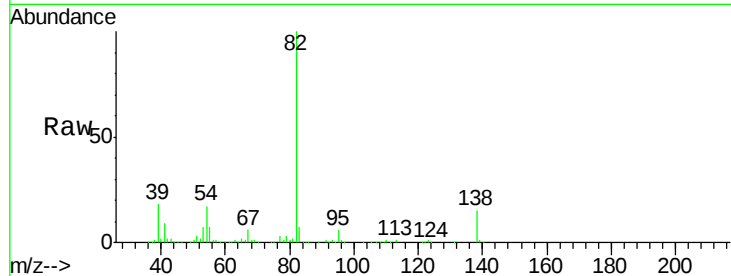
ClientSampleId :

DCW-WW-117-42315MSD

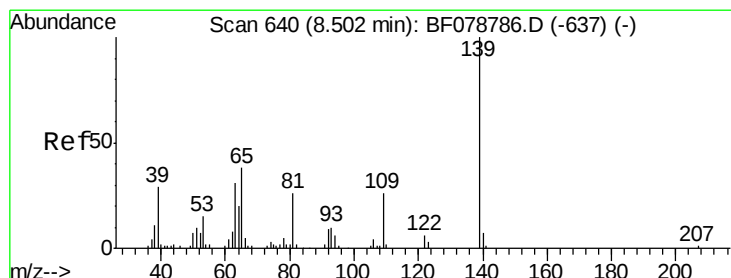
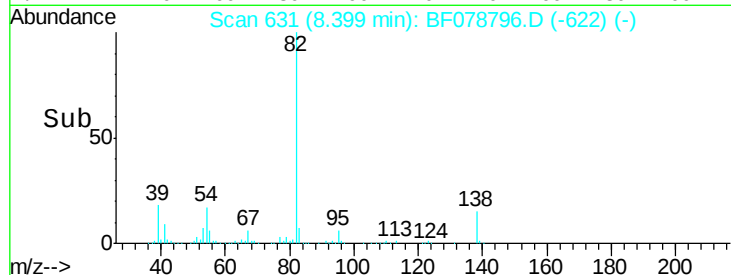
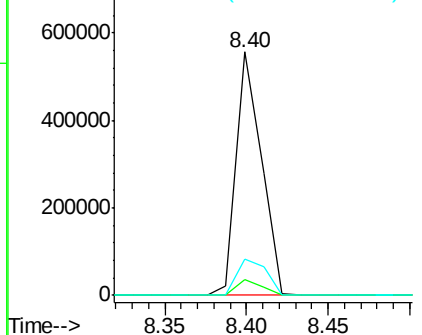
Tot Ion:	82	Resp:	590407
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.3	7.9
138	14.7	12.0	18.0

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



#26

2-Nitrophenol

Concen: 53.65 ng

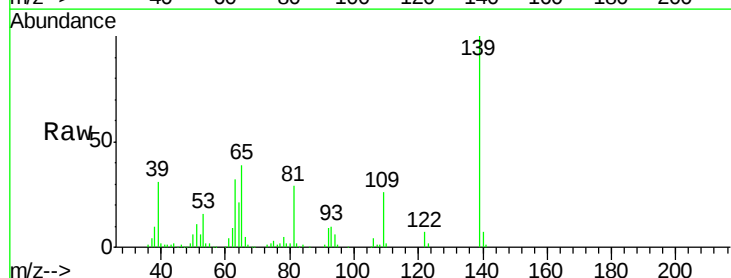
RT: 8.50 min Scan# 640

Delta R.T. 0.00 min

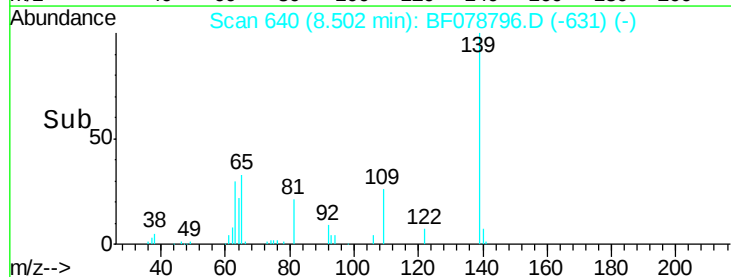
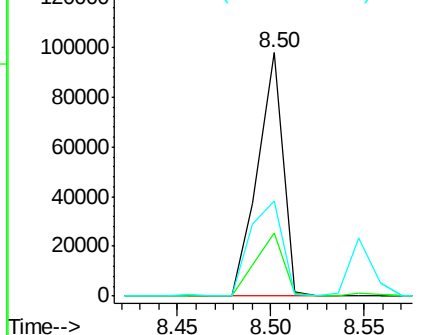
Lab File: BF078796.D

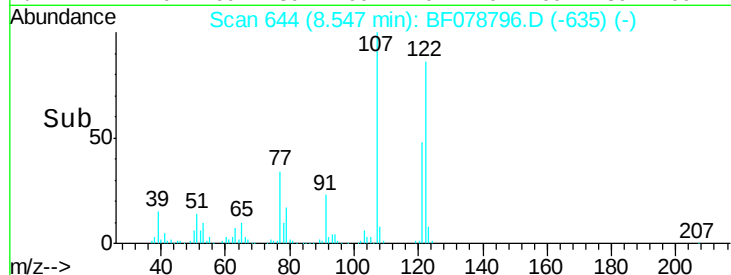
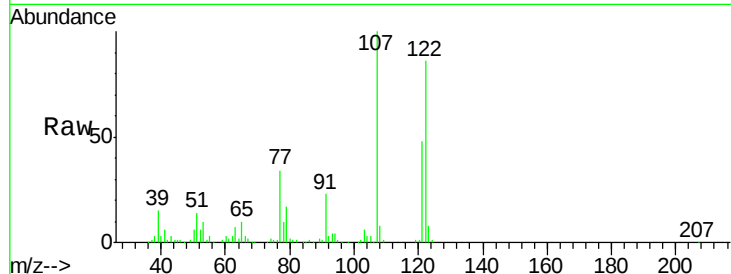
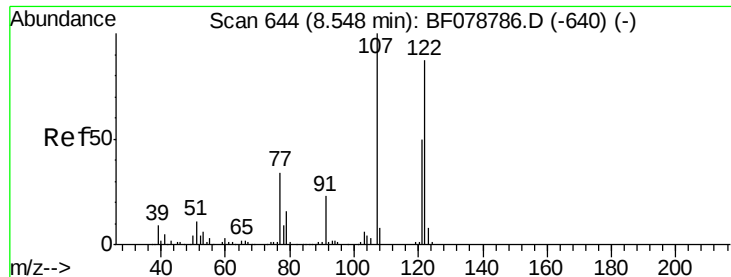
Acq: 29 Apr 2015 1:40

Tgt Ion:	139	Resp:	94157
Ion Ratio		Lower	Upper
139	100		
109	25.7	21.0	31.4
65	38.9	30.5	45.7



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





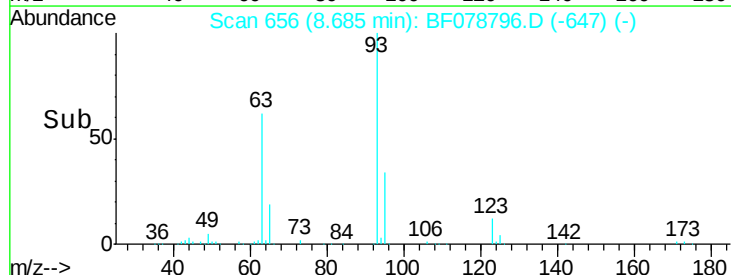
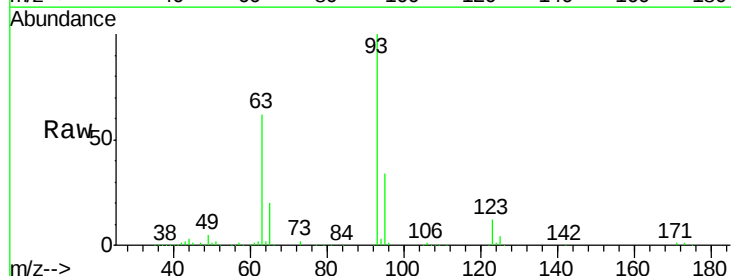
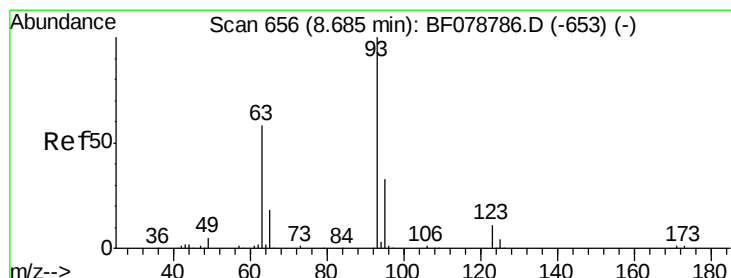
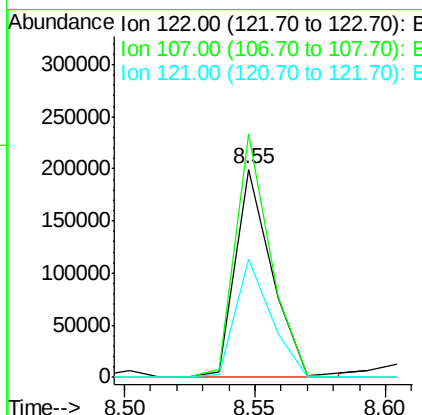
#27
 2,4-Dimethylphenol
 Concen: 35.07 ng
 RT: 8.55 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Tot Ion	Ratio	Resp	Lower	Upper
122	100	196507		
107	116.9	90.6	135.8	
121	56.7	45.4	68.2	

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315MSD

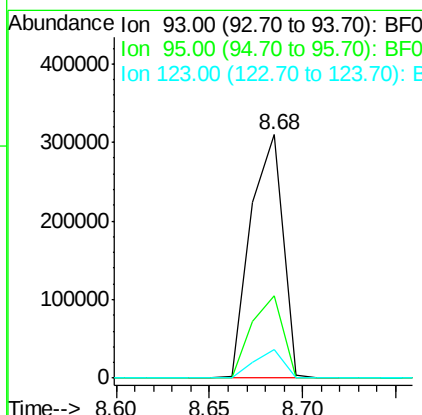
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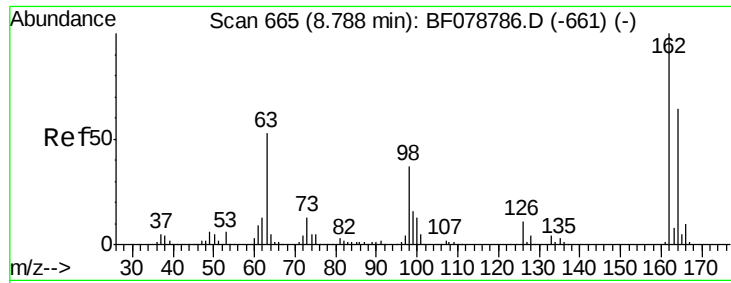
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.40 ng
 RT: 8.68 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	369749		
95	33.8	26.7	40.1	
123	11.8	9.1	13.7	





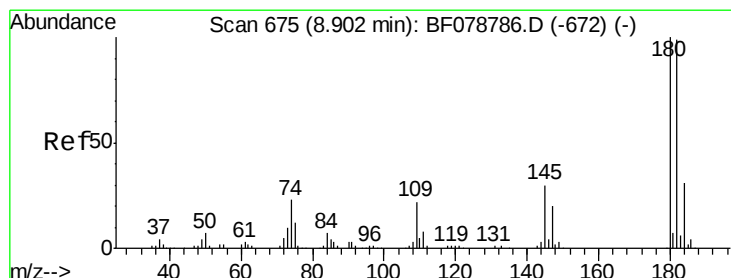
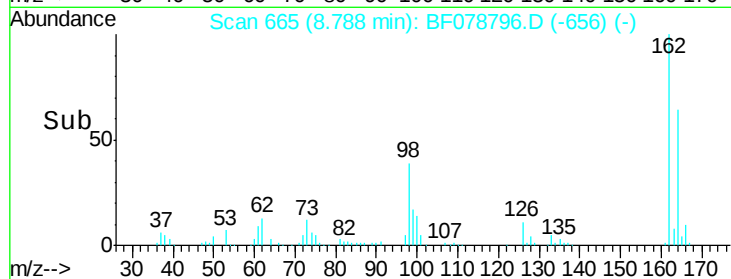
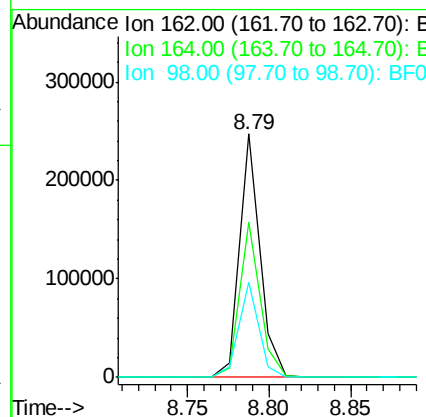
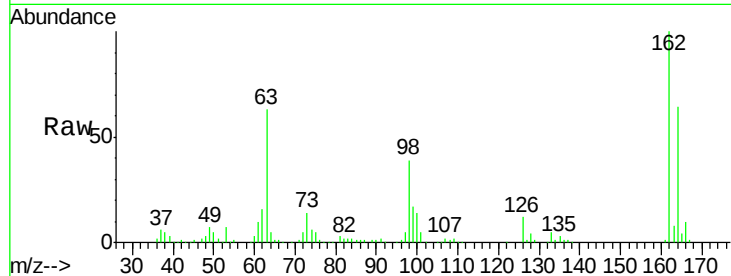
#29
 2,4-Dichlorophenol
 Concen: 44.54 ng
 RT: 8.79 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	43.6	83.6
98	39.2	16.5	56.5

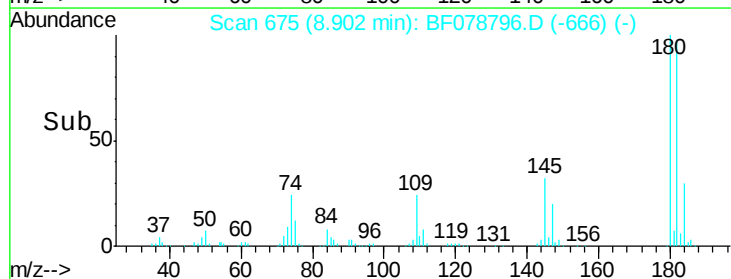
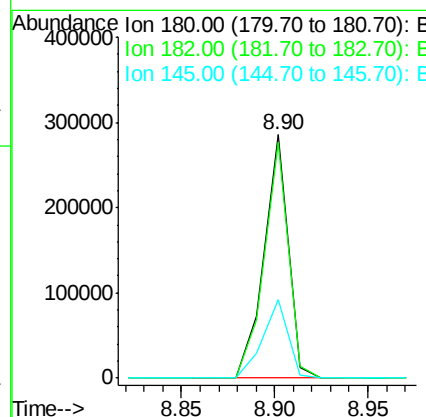
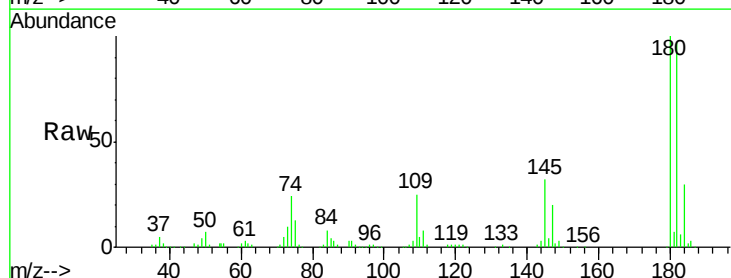
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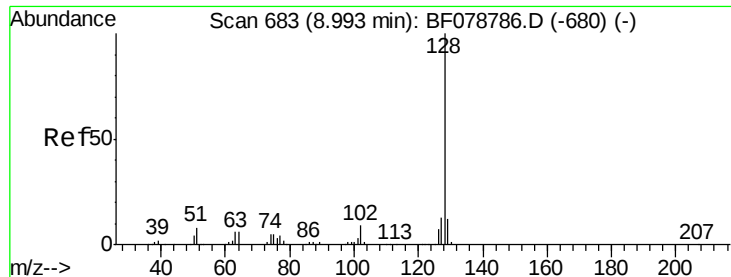
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.31 ng
 RT: 8.90 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.2	78.9	118.3
145	32.0	24.2	36.4





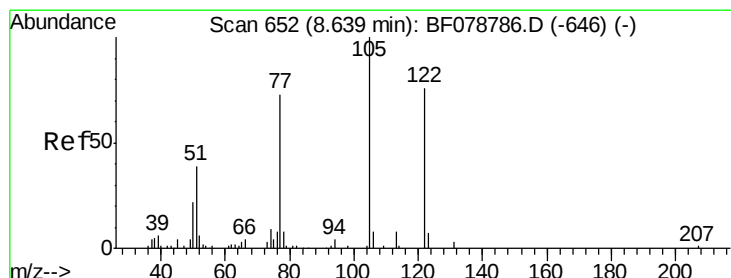
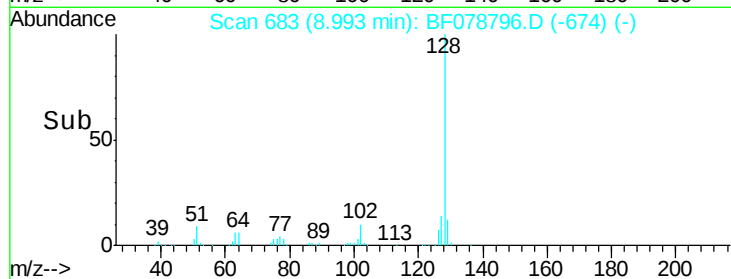
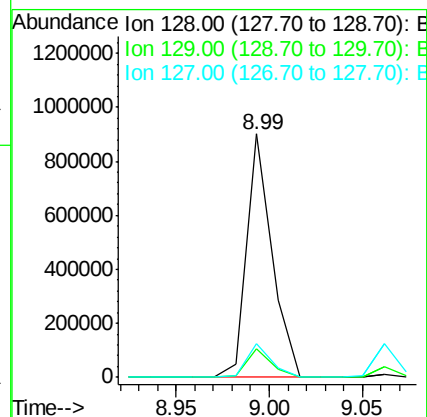
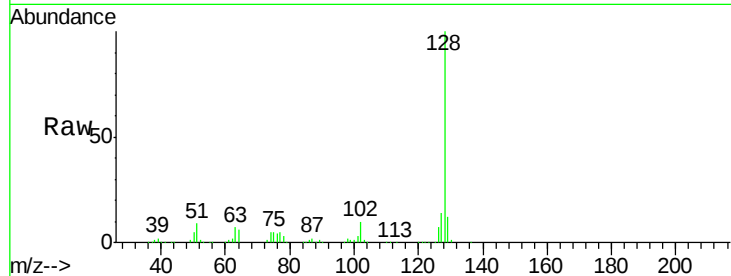
#31
Naphthalene
Concen: 44.43 ng
RT: 8.99 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	9.3	13.9	
127	13.7	10.7	16.1	

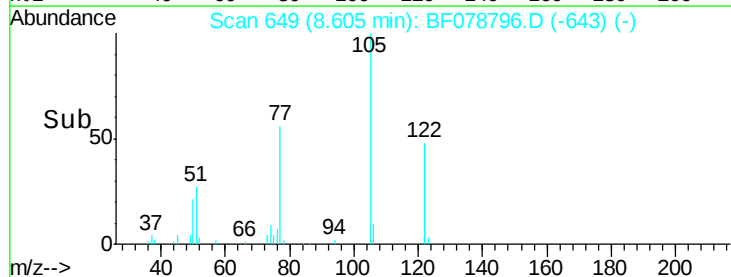
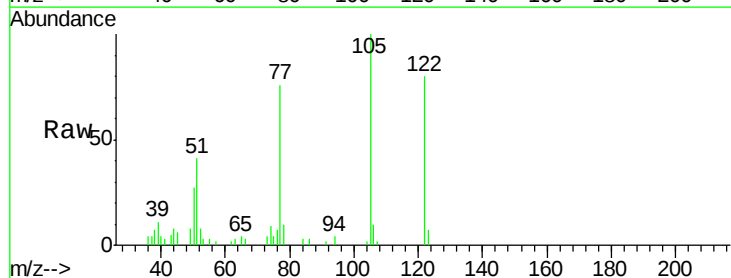
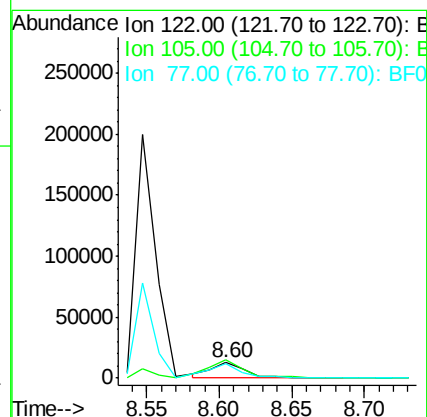
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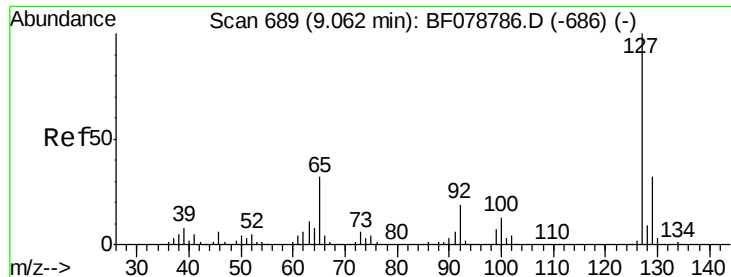
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#32
Benzoic acid
Concen: 11.52 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.3	107.1	147.1	
77	94.8	73.9	113.9	





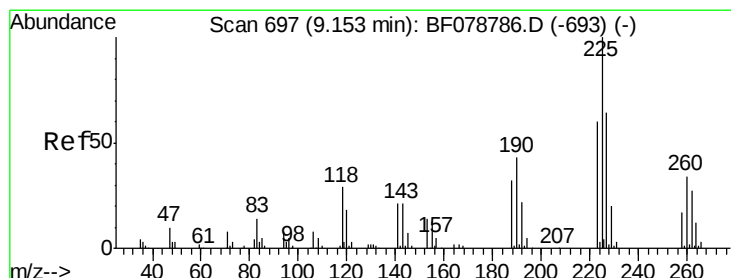
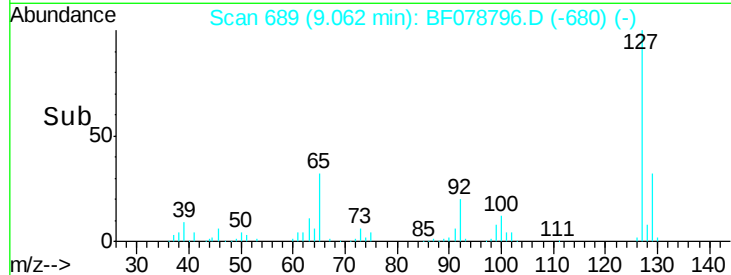
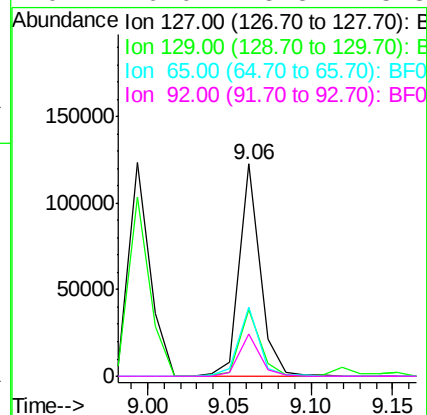
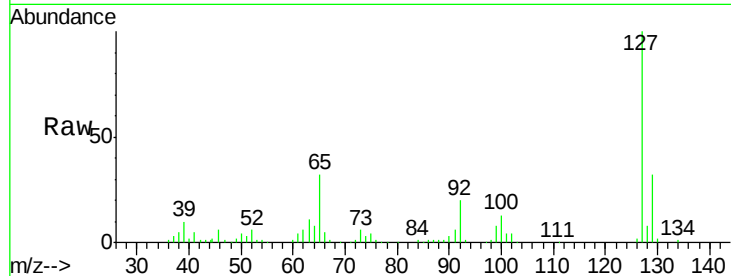
#33
4-Chloroaniline
Concen: 13.40 ng
RT: 9.06 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	25.8	38.8		
65	32.3	25.8	38.6		
92	20.0	15.5	23.3		

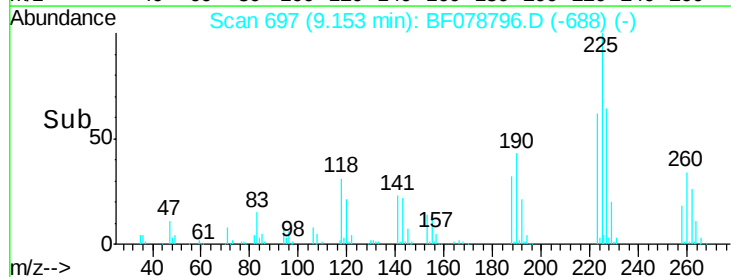
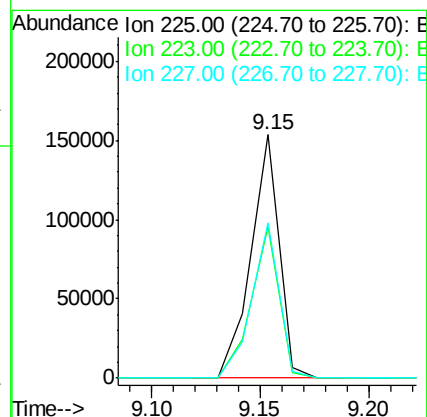
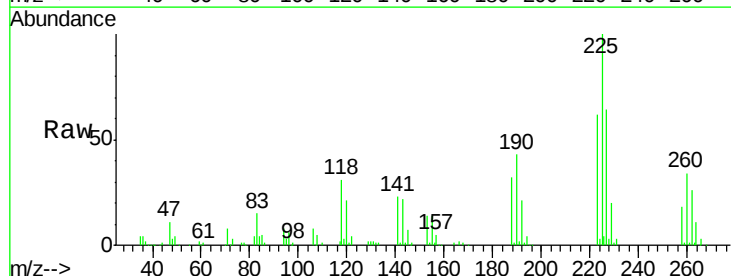
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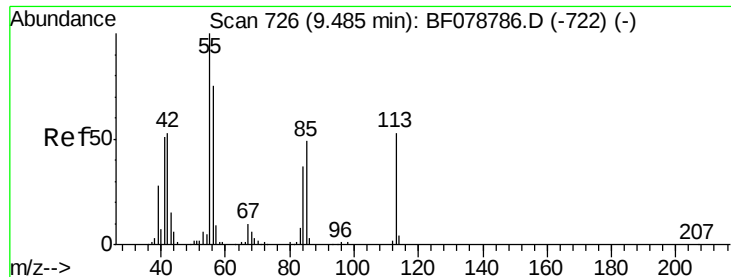
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#34
Hexachlorobutadiene
Concen: 44.50 ng
RT: 9.15 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	48.2	72.4		
227	64.0	51.4	77.0		





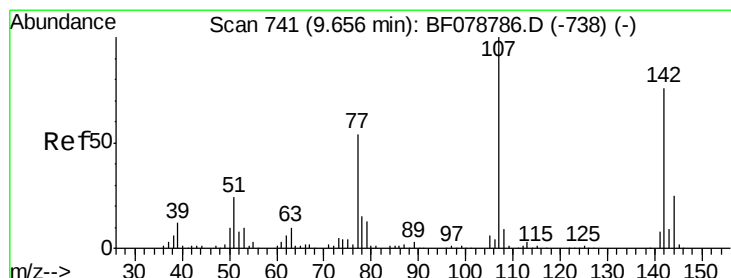
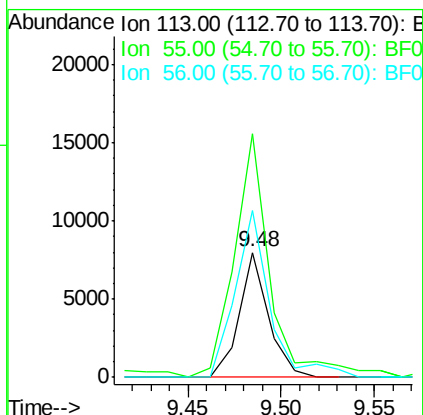
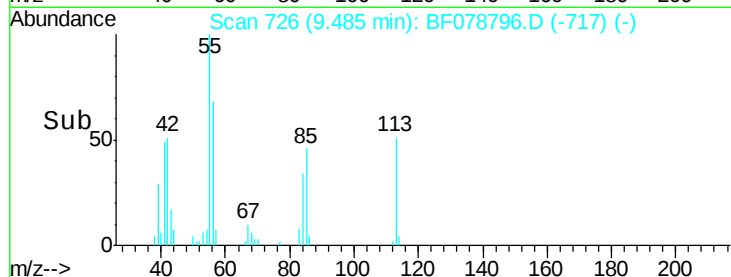
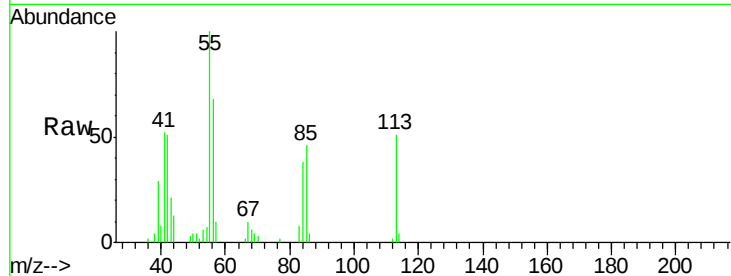
#35
Caprolactam
Concen: 5.78 ng
RT: 9.48 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	194.7	169.7	209.7
56	133.0	122.5	162.5

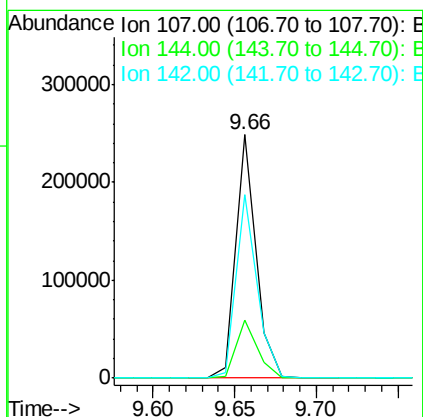
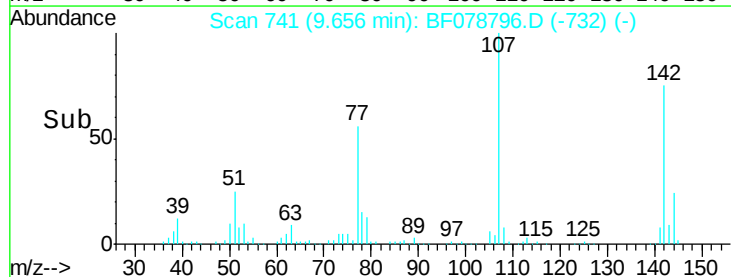
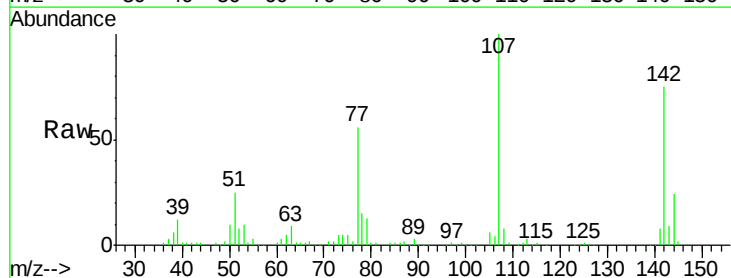
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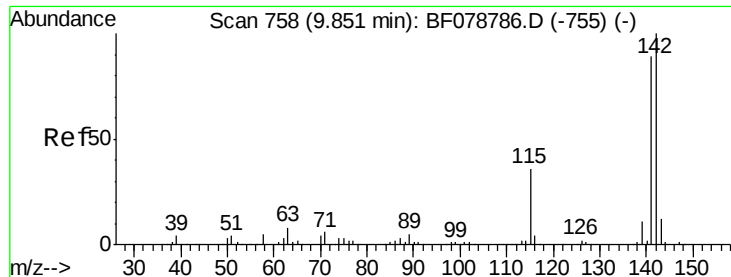
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#36
4-Chloro-3-methylphenol
Concen: 42.28 ng
RT: 9.66 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.8	29.6
142	75.2	60.6	91.0





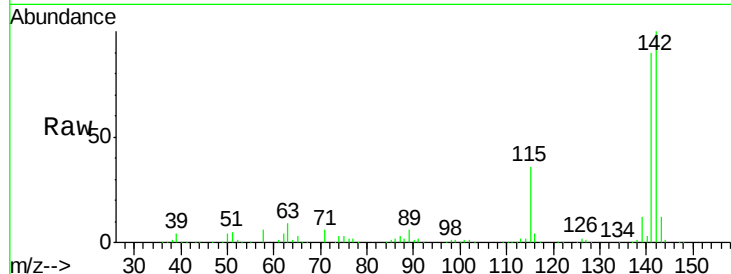
#37
2-Methylnaphthalene
Concen: 47.93 ng
RT: 9.85 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.9	106.3
115	36.2	28.5	42.7

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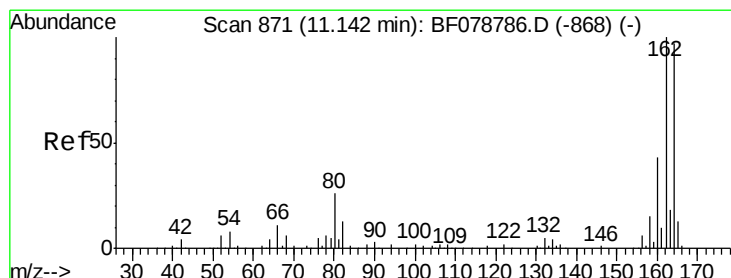
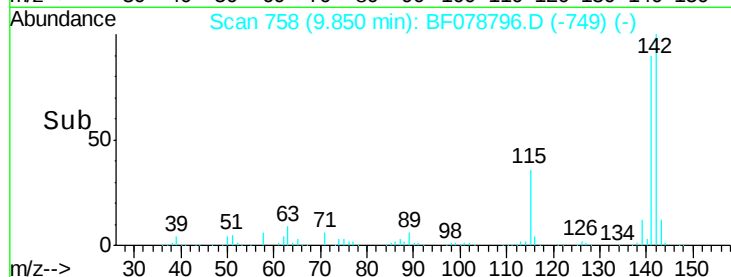
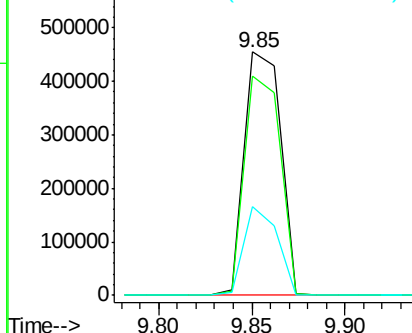


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

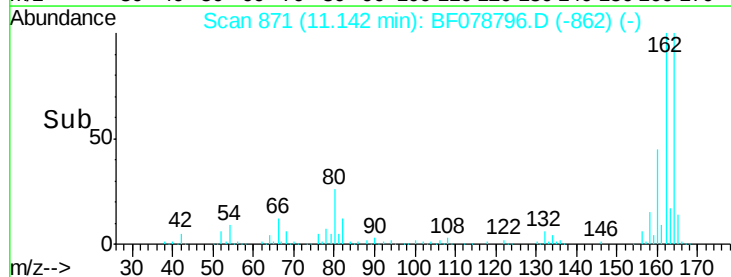
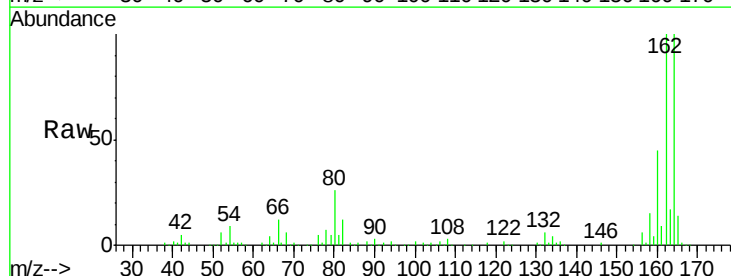
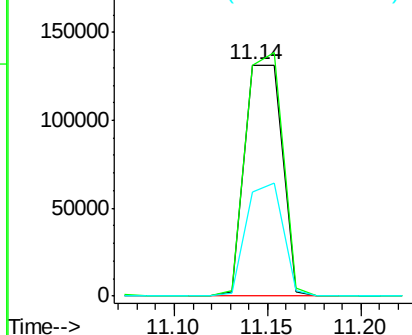
Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.7	124.1
160	44.9	35.8	53.8

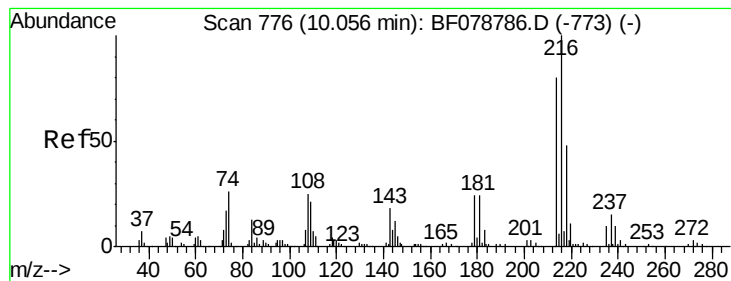
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.20 ng

RT: 10.06 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion:216 Resp: 240820
Ion Ratio Lower Upper

216 100

214 78.9 0.0 0.0#

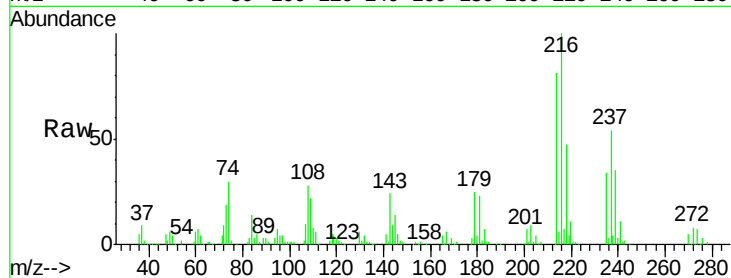
179 22.3 0.0 0.0#

108 25.5 0.0 0.0#

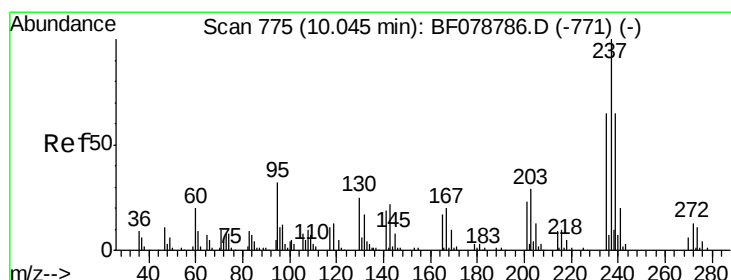
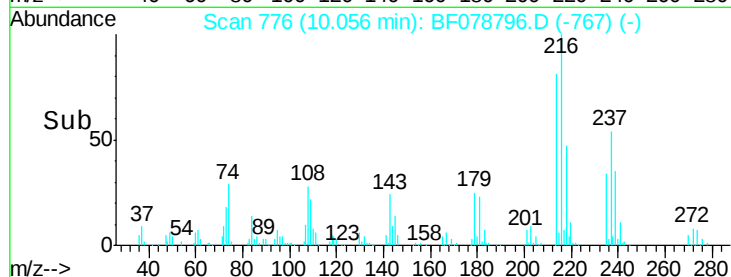
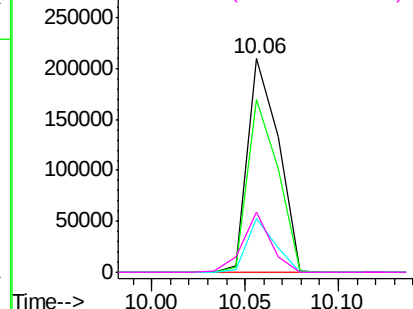
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 100.01 ng

RT: 10.04 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF078796.D

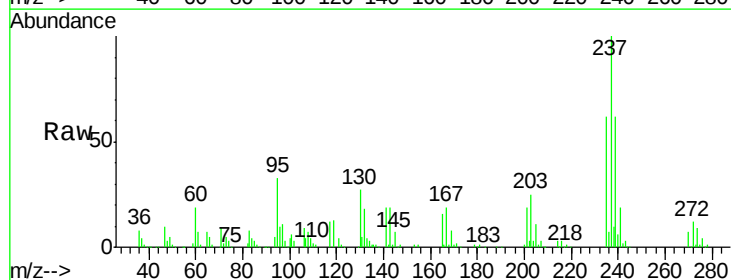
Acq: 29 Apr 2015 1:40

Tgt Ion:237 Resp: 219125
Ion Ratio Lower Upper

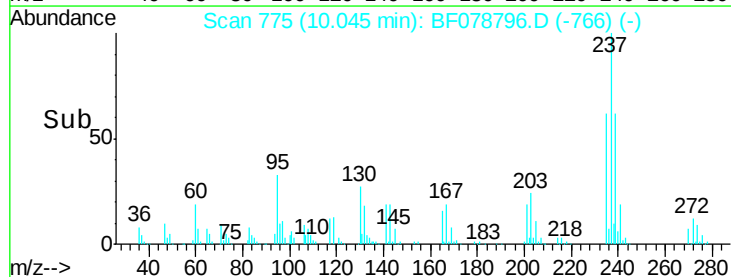
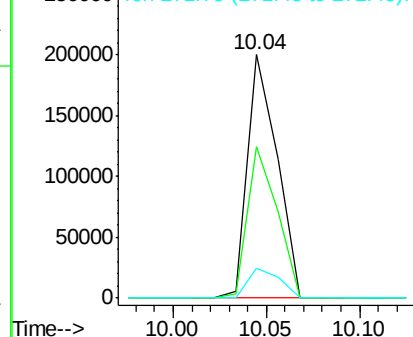
237 100

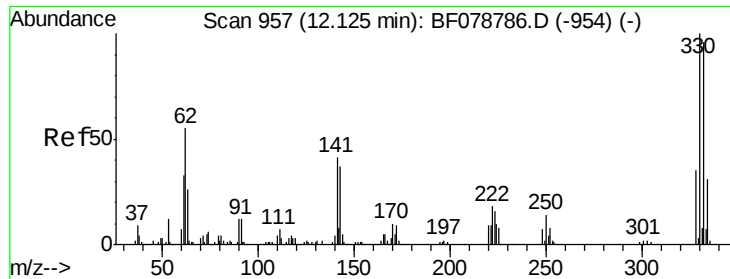
235 62.5 44.7 84.7

272 12.3 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





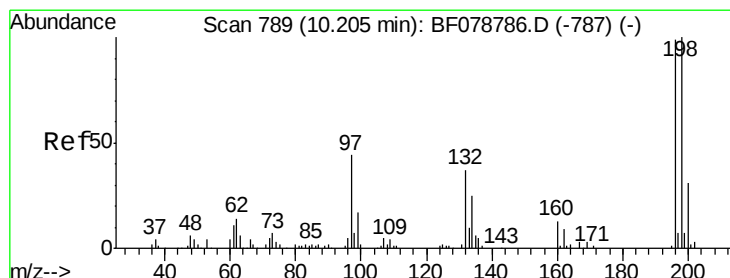
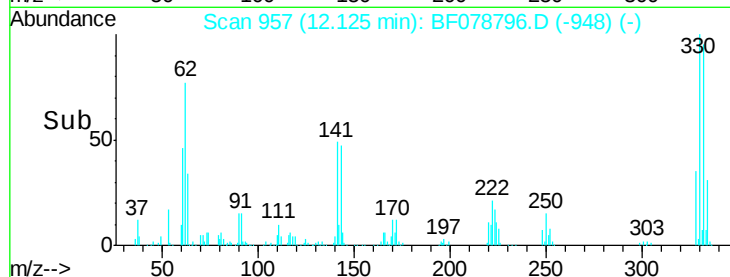
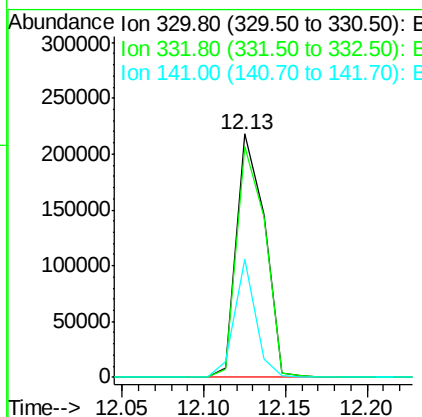
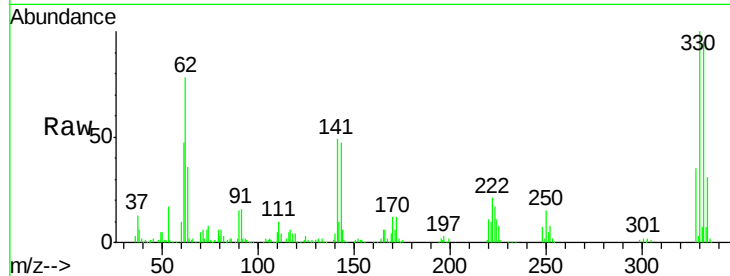
#41
 2,4,6-Tribromophenol
 Concen: 141.88 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	36.4	0.0	0.0#

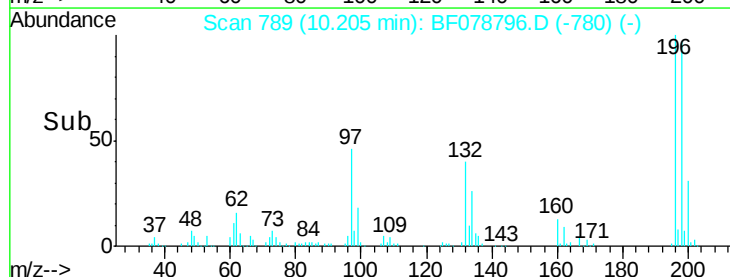
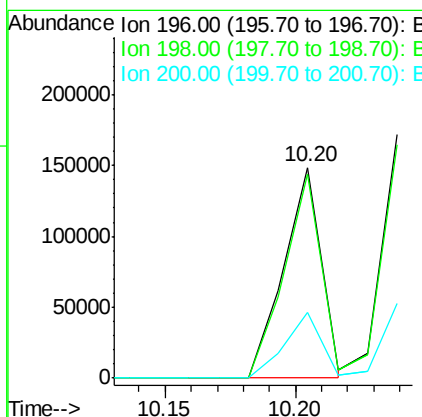
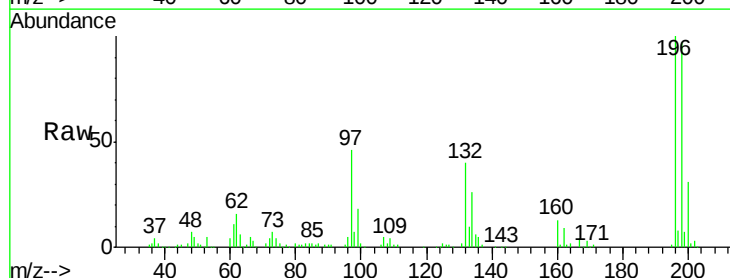
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#42
 2,4,6-Trichlorophenol
 Concen: 46.78 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.8	80.5	120.7
200	31.2	24.9	37.3





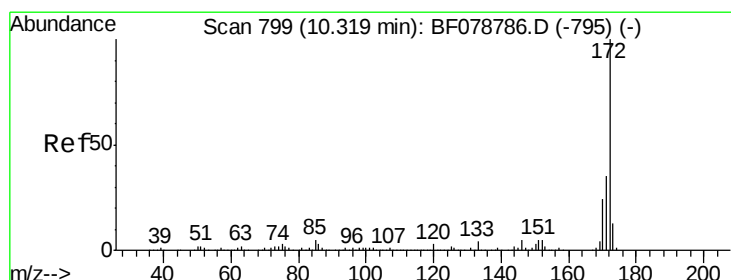
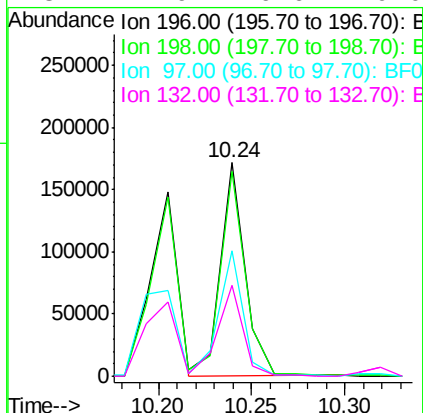
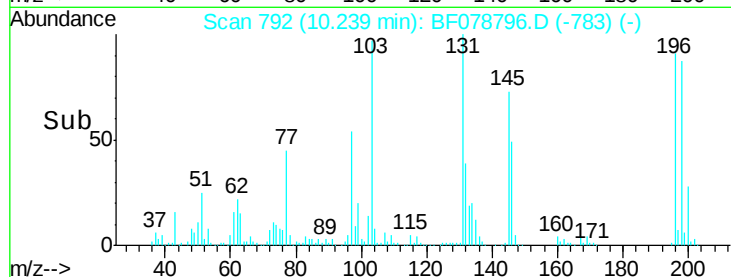
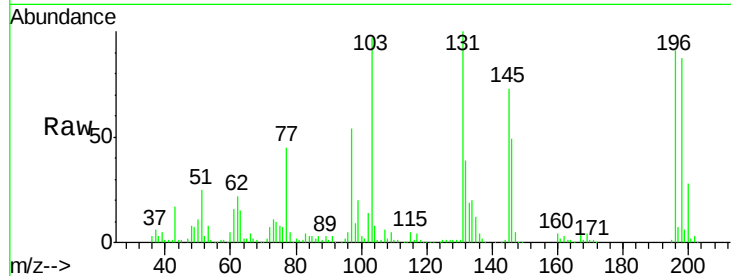
#43
 2,4,5-Trichlorophenol
 Concen: 46.44 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		156977		
198	95.9	79.8	119.6		
97	59.0	46.0	69.0		
132	42.9	26.6	40.0		

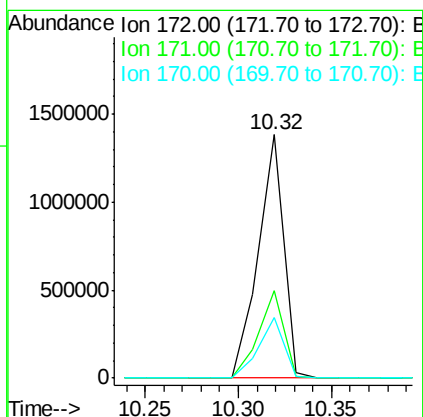
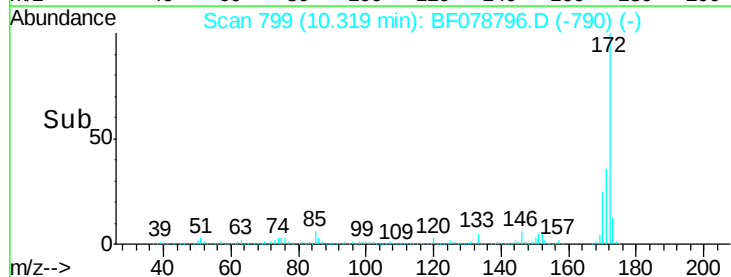
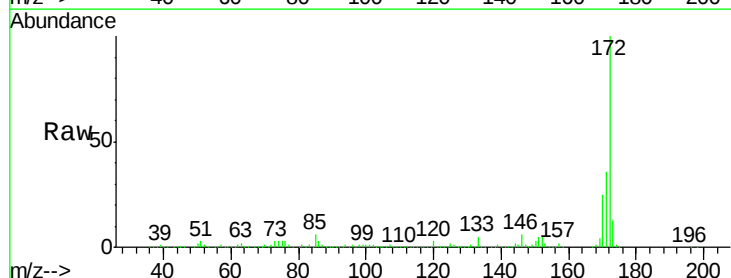
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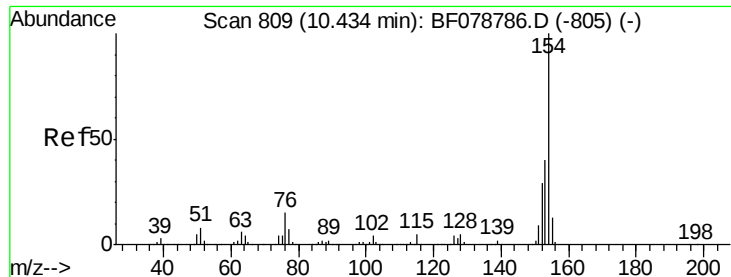
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 4/29/2015 3:53:34 PM



#44
 2-Fluorobiphenyl
 Concen: 96.74 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1299616		
171	35.8	27.9	41.9		
170	24.7	19.4	29.0		





#45

1,1'-Biphenyl

Concen: 48.60 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

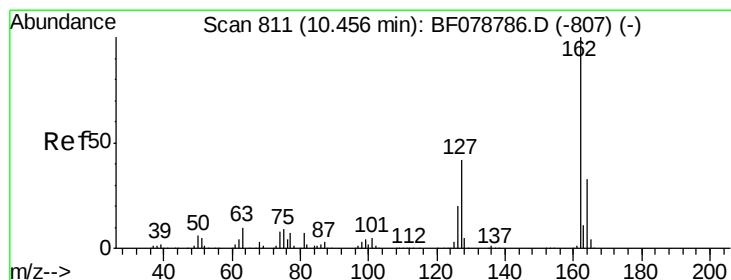
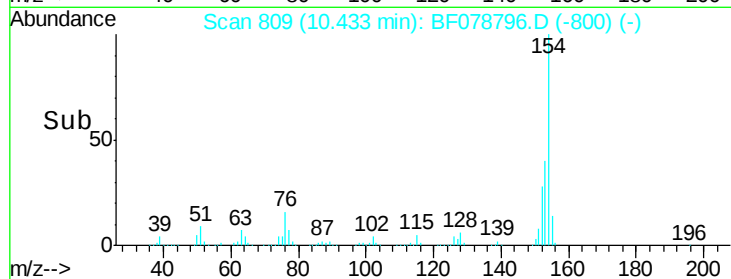
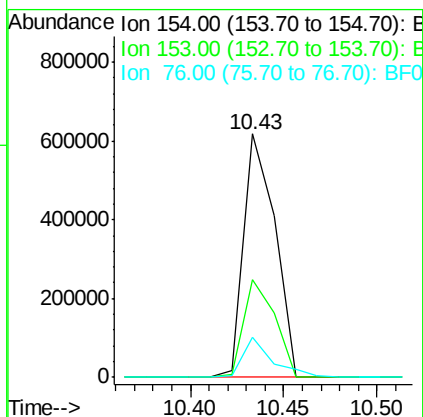
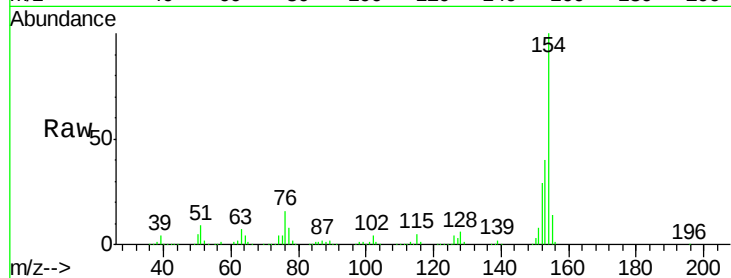
ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion:	154	Resp:	717485
Ion Ratio	Lower	Upper	
154	100		
153	40.1	19.9	59.9
76	16.5	0.0	35.0

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#46

2-Chloronaphthalene

Concen: 47.48 ng

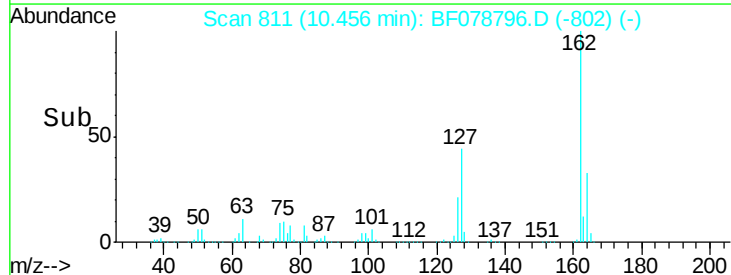
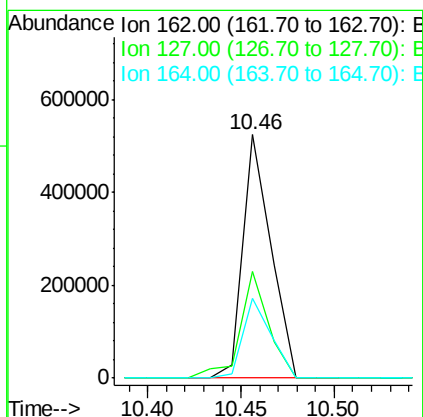
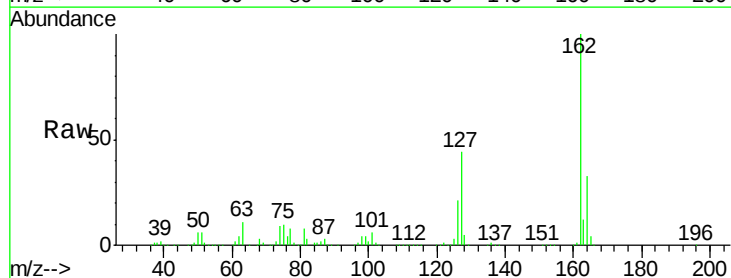
RT: 10.46 min Scan# 811

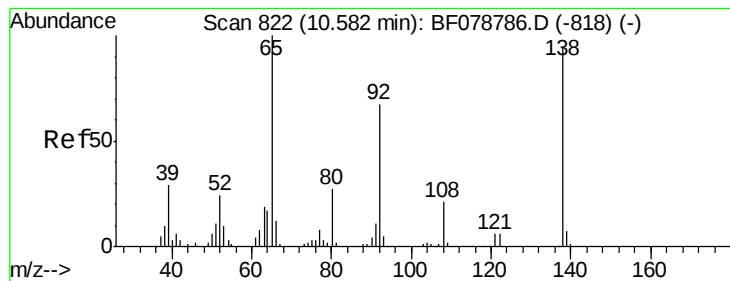
Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Tgt Ion:	162	Resp:	547833
Ion Ratio	Lower	Upper	
162	100		
127	43.8	33.9	50.9
164	32.9	26.3	39.5





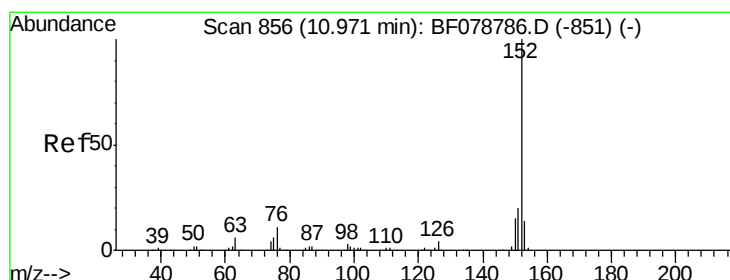
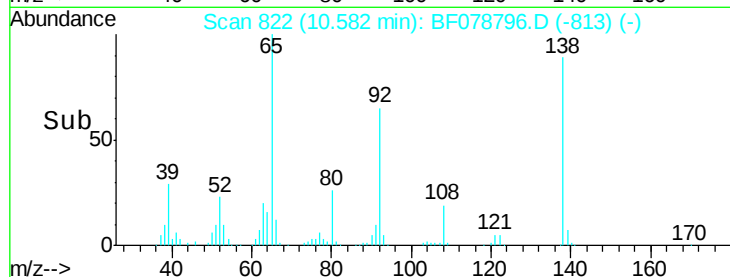
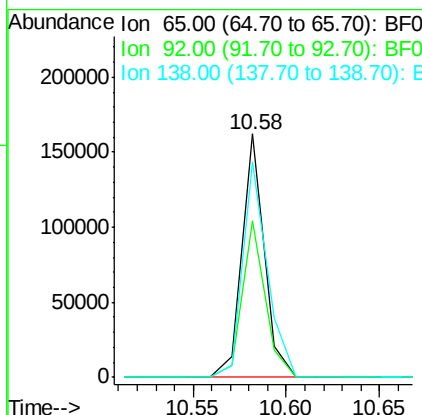
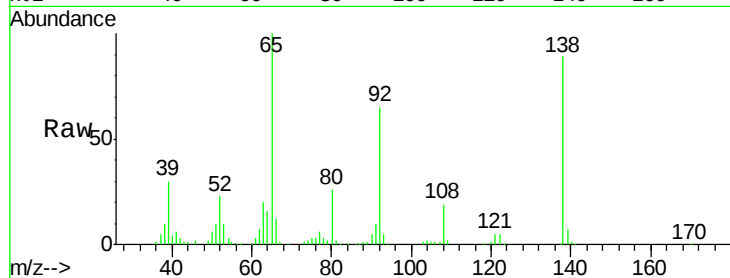
#47
2-Nitroaniline
Concen: 53.78 ng
RT: 10.58 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.5	54.0	81.0
138	88.8	75.0	112.6

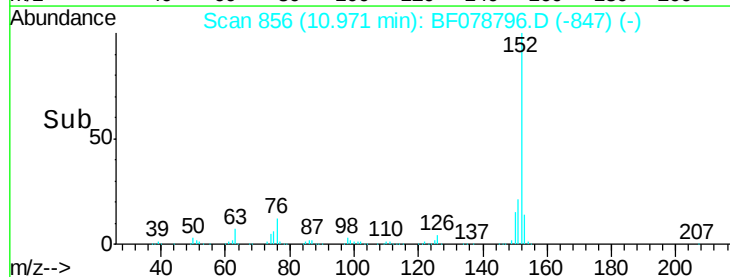
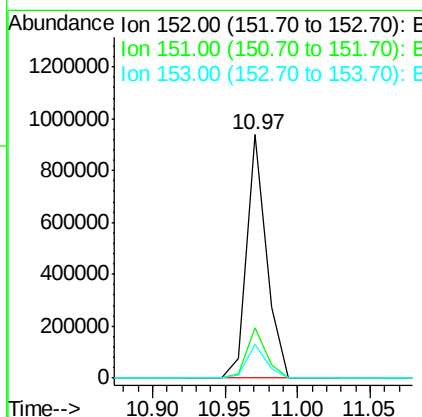
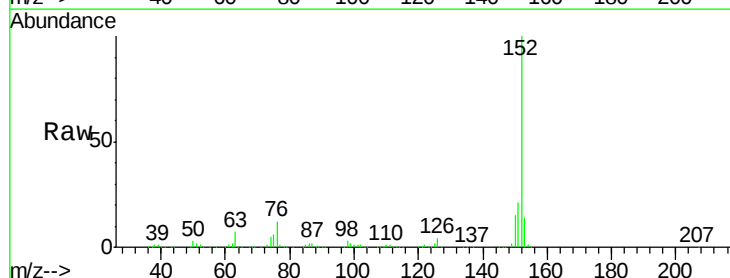
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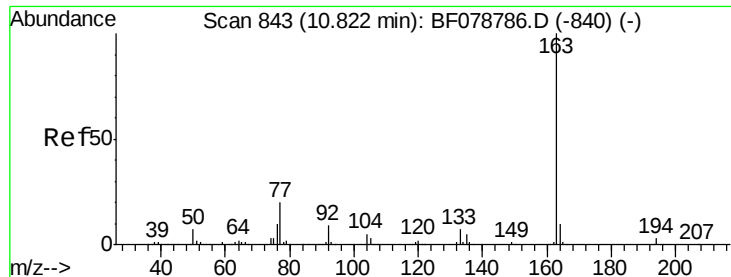
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#48
Acenaphthylene
Concen: 46.91 ng
RT: 10.97 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.7	10.9	16.3





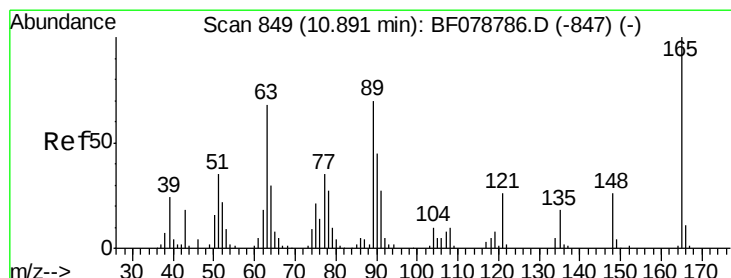
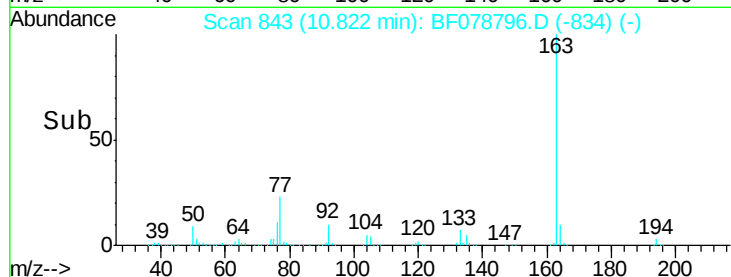
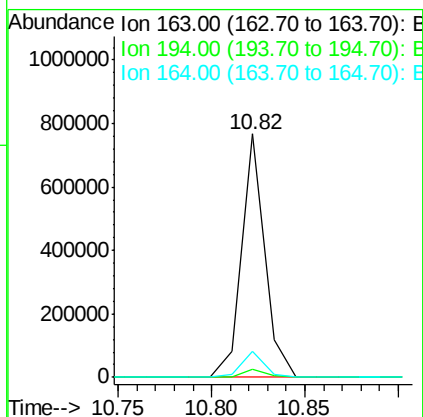
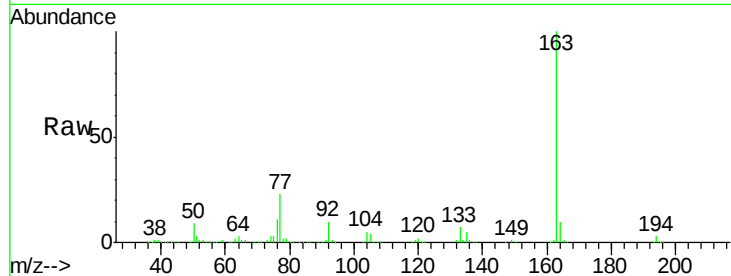
#49
Dimethylphthalate
Concen: 50.61 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	661904		
194	3.3	2.6	4.0	
164	10.4	8.1	12.1	

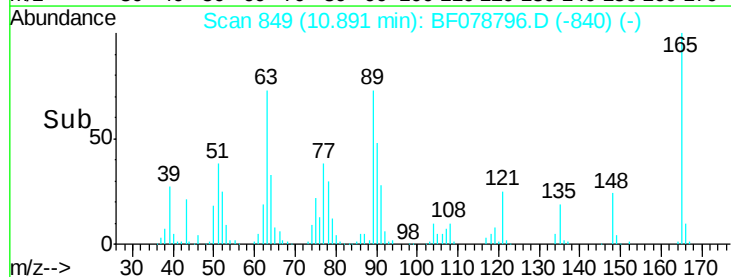
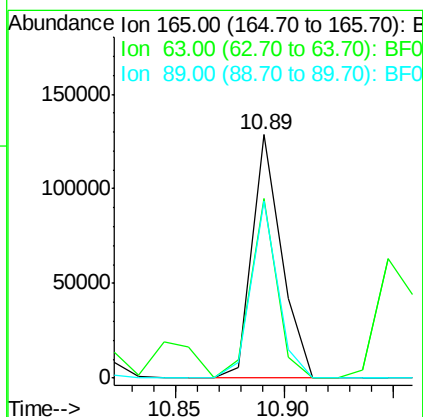
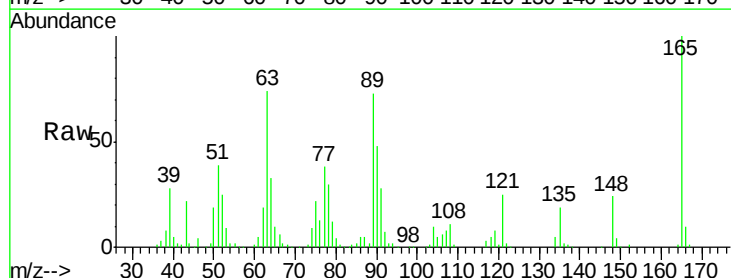
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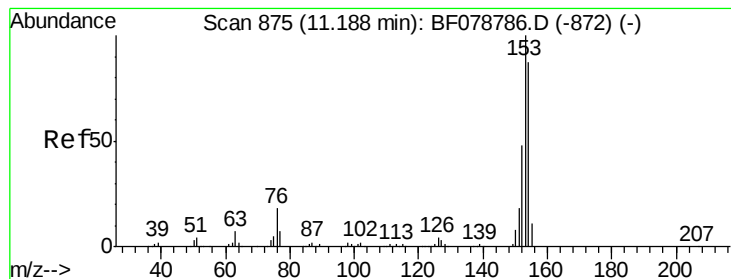
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#50
2,6-Dinitrotoluene
Concen: 56.87 ng
RT: 10.89 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	121175		
63	73.7	54.4	81.6	
89	72.8	55.7	83.5	





#51

Acenaphthene

Concen: 49.84 ng

RT: 11.19 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

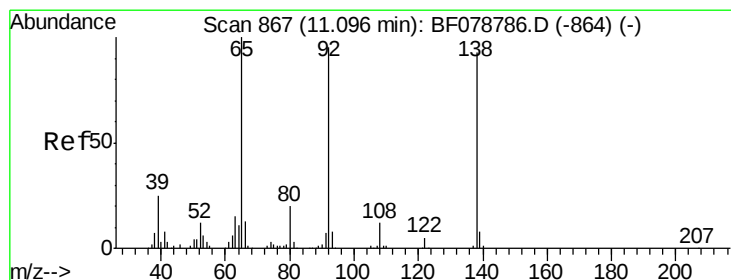
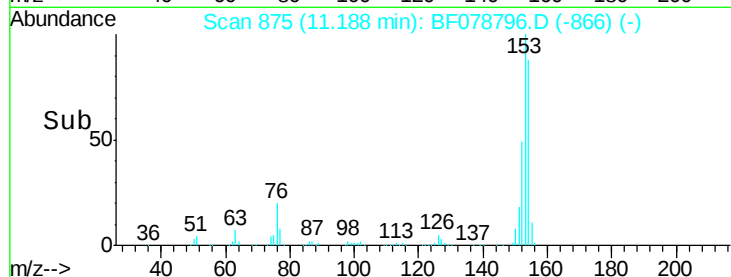
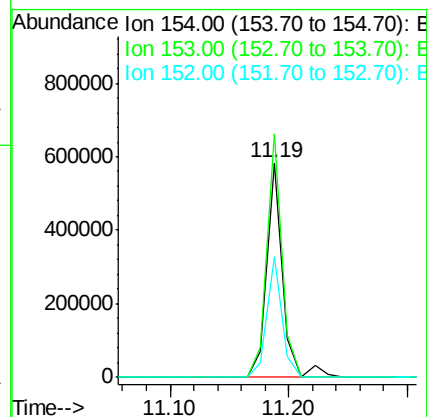
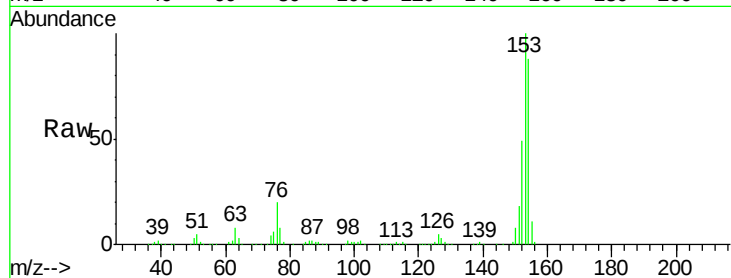
ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion:	154	Resp:	552637
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.5	137.3
152	56.0	44.2	66.4

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#52

3-Nitroaniline

Concen: 21.72 ng

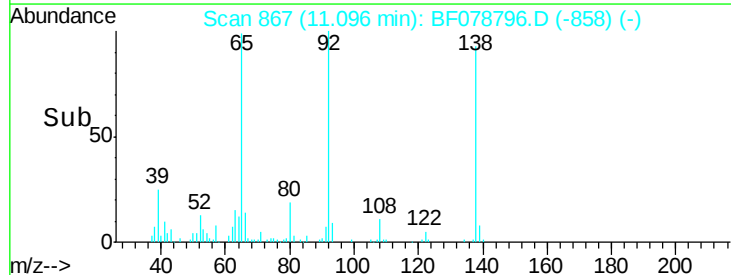
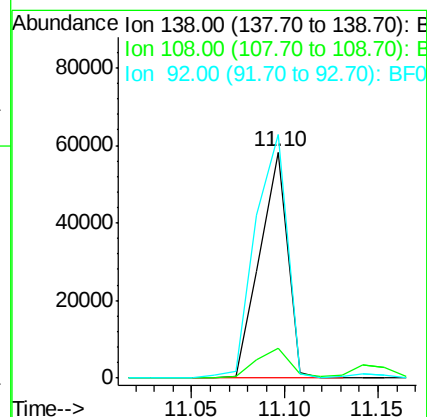
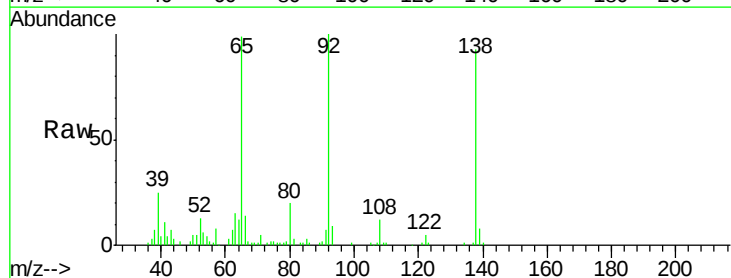
RT: 11.10 min Scan# 867

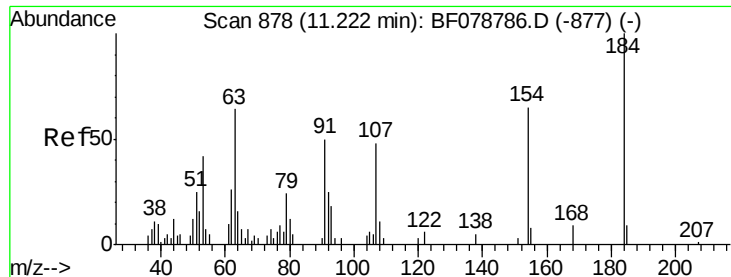
Delta R.T. 0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Tgt Ion:	138	Resp:	60042
Ion Ratio	Lower	Upper	
138	100		
108	13.0	10.6	16.0
92	107.6	81.8	122.6





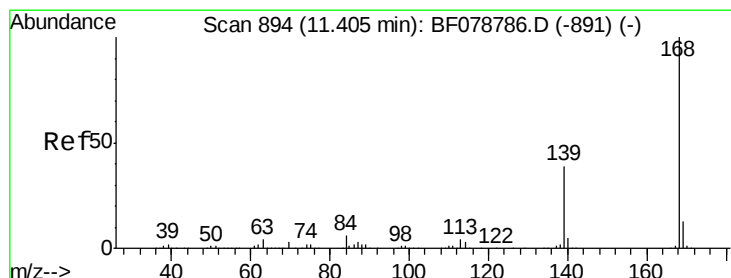
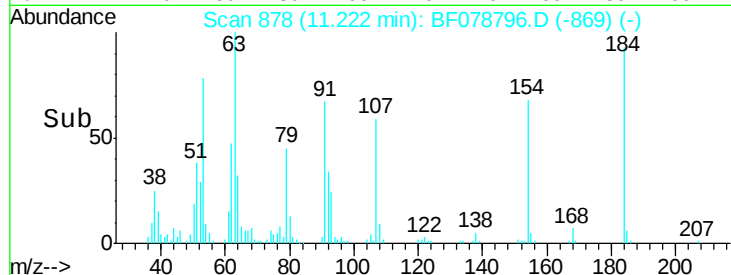
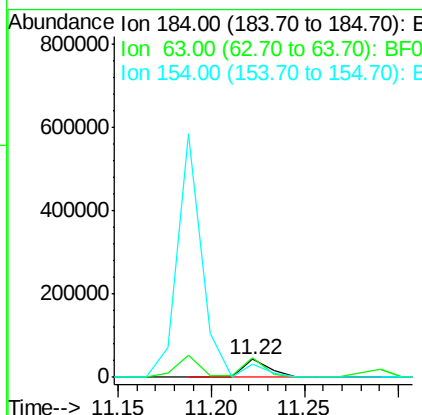
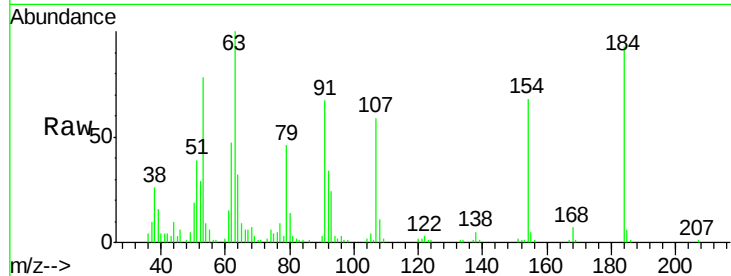
#53
2,4-Dinitrophenol
Concen: 124.90 ng
RT: 11.22 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100		42337		
63	107.7	63.3	94.9#		
154	73.0	53.8	80.6		

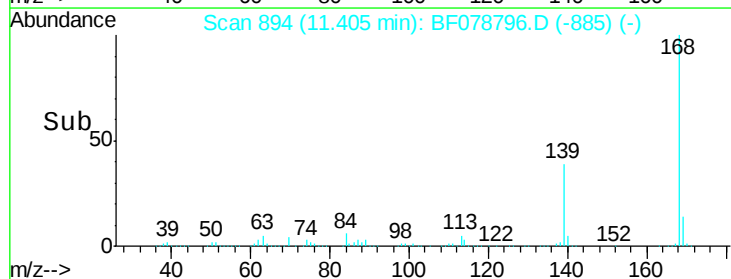
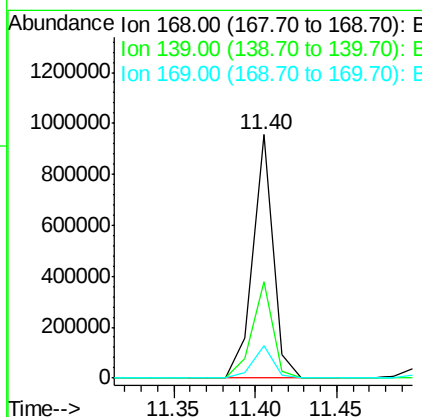
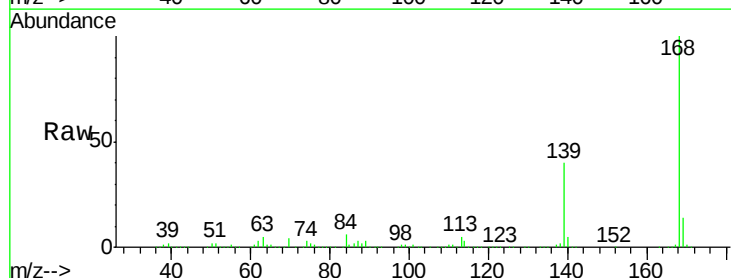
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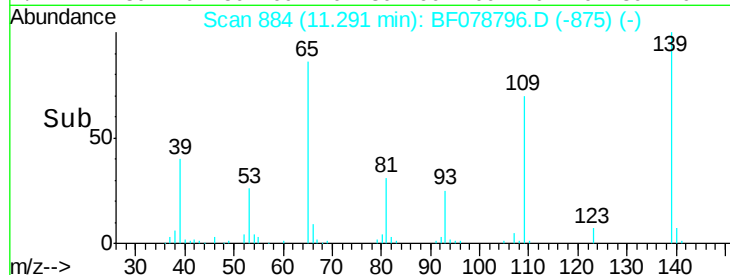
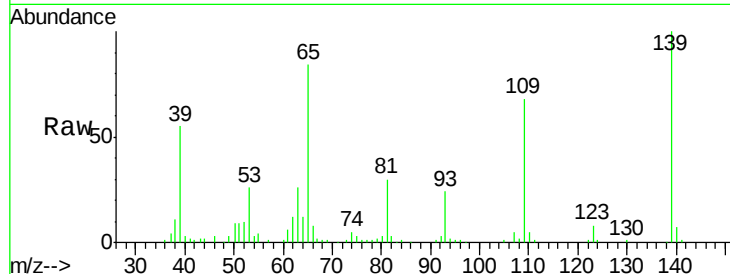
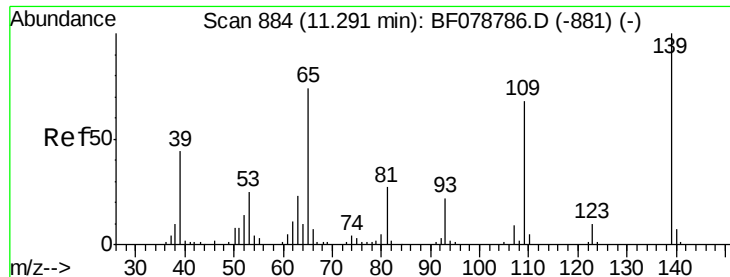
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#54
Dibenzofuran
Concen: 51.01 ng
RT: 11.40 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100		829728		
139	39.7	31.0	46.4		
169	13.6	10.6	16.0		





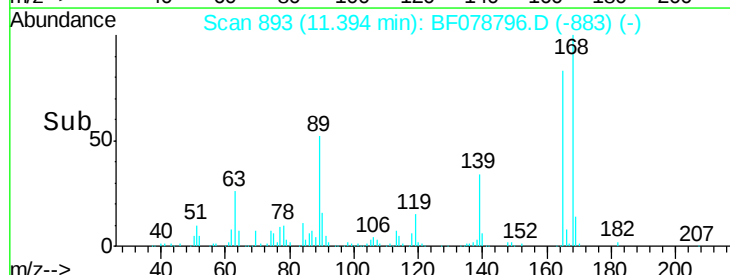
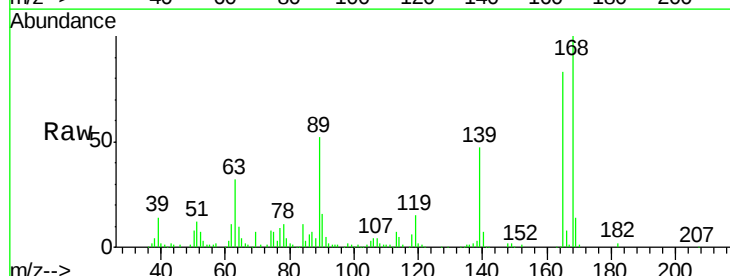
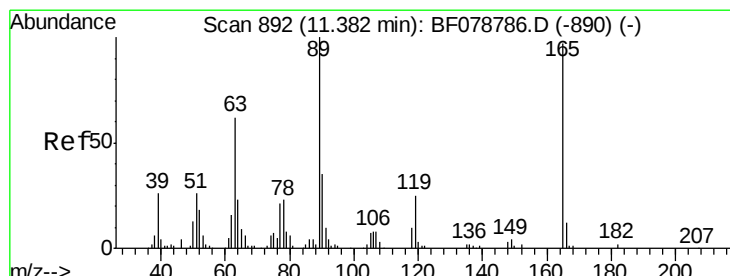
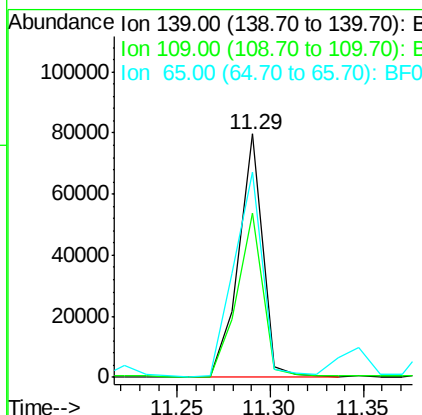
#55
4-Nitrophenol
Concen: 36.95 ng
RT: 11.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.6	47.6	87.6	
65	84.3	54.3	94.3	

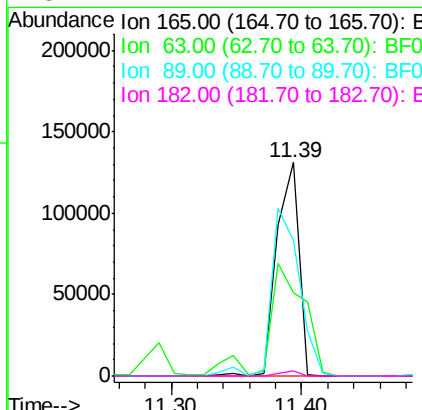
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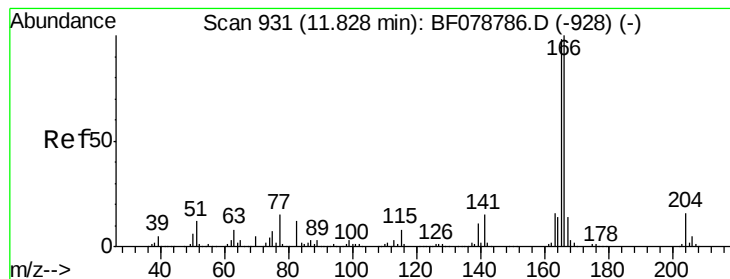
apatel
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#56
2,4-Dinitrotoluene
Concen: 57.51 ng
RT: 11.39 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.1	51.2	76.8#	
89	63.3	82.7	124.1#	
182	2.2	1.4	2.2#	





#57

Fluorene

Concen: 49.18 ng

RT: 11.83 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion:166 Resp: 639498

Ion Ratio Lower Upper

166 100

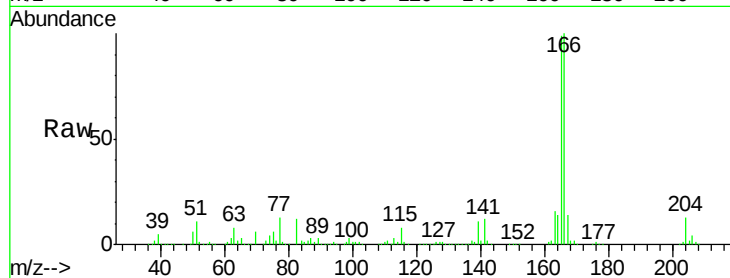
165 99.2 78.5 117.7

167 13.6 11.0 16.6

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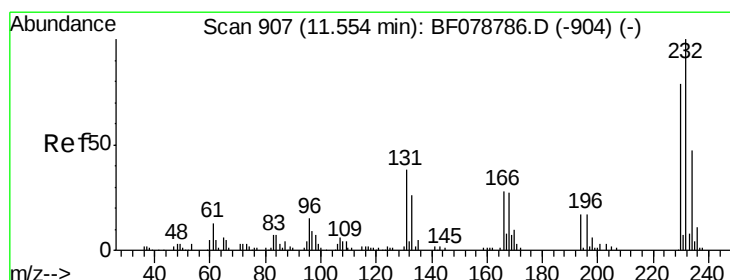
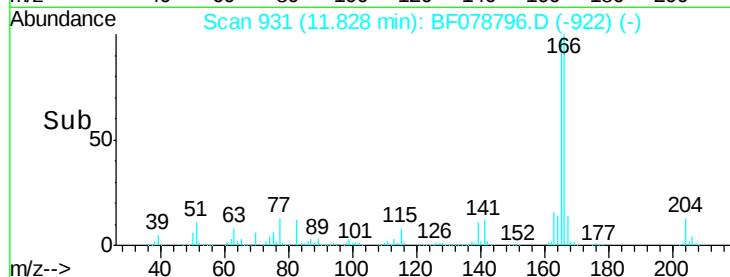
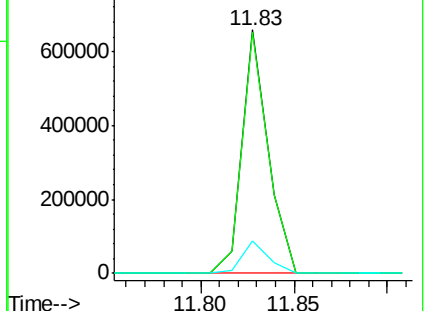
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.24 ng

RT: 11.55 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Tgt Ion:232 Resp: 127175

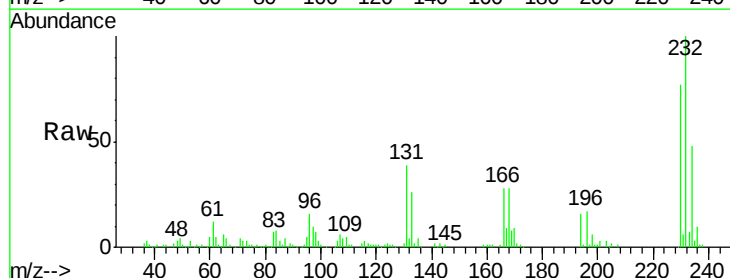
Ion Ratio Lower Upper

232 100

131 53.0 0.0 0.0#

130 2.3 0.0 0.0#

166 33.7 0.0 0.0#

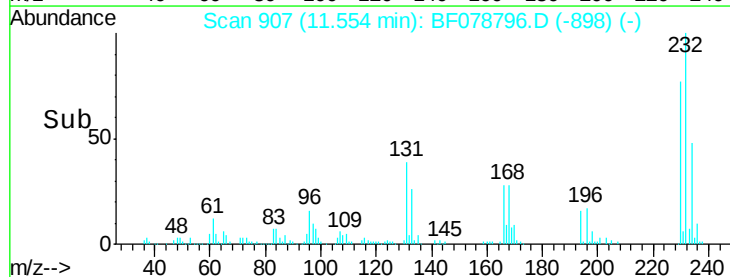
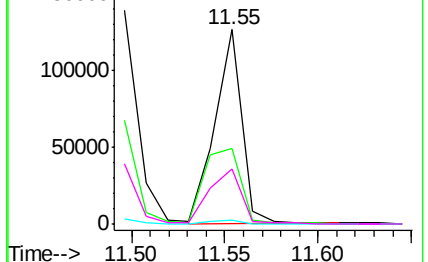


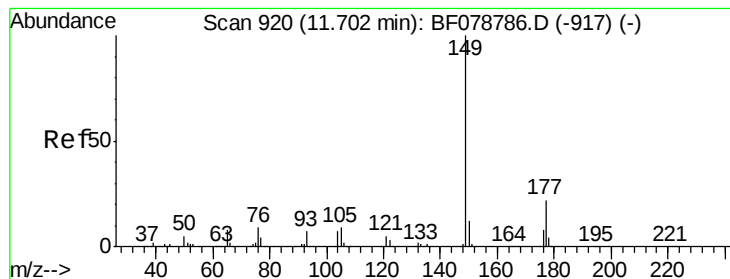
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 53.79 ng

RT: 11.70 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

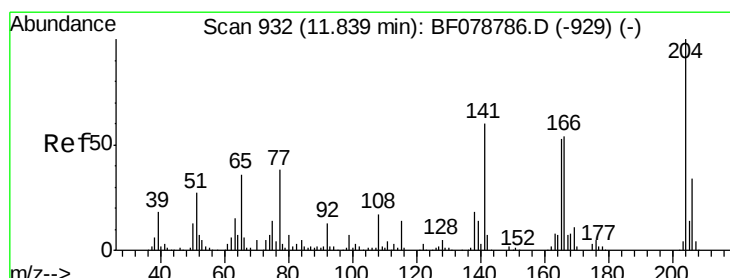
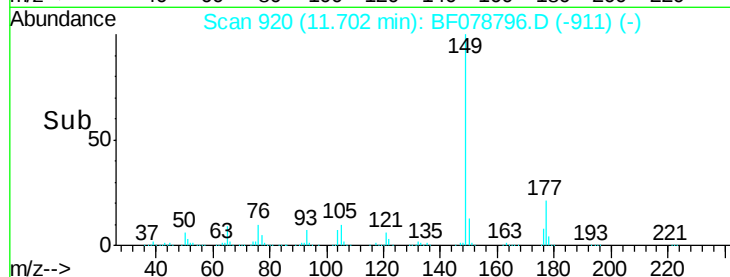
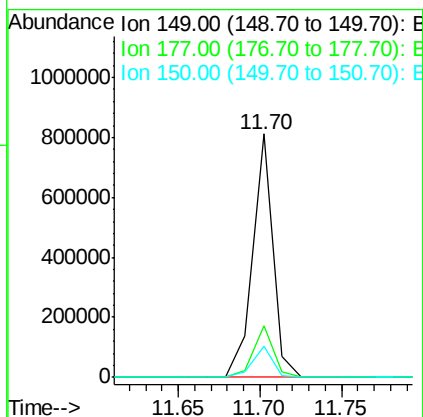
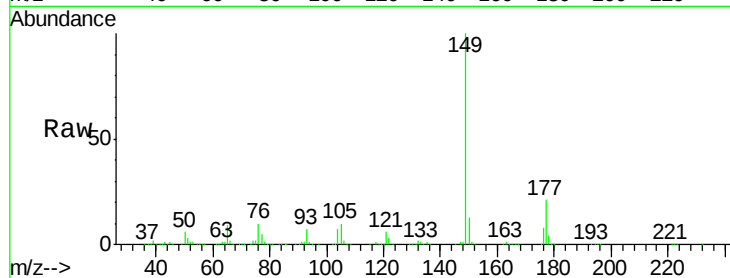
ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion:	149	Resp:	700014
Ion Ratio	Lower	Upper	
149	100		
177	21.3	17.5	26.3
150	12.7	9.6	14.4

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#60

4-Chlorophenyl-phenylether

Concen: 51.17 ng

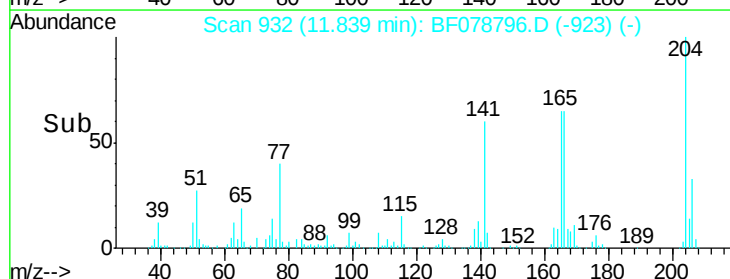
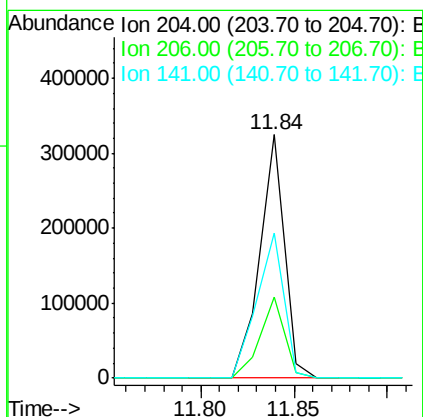
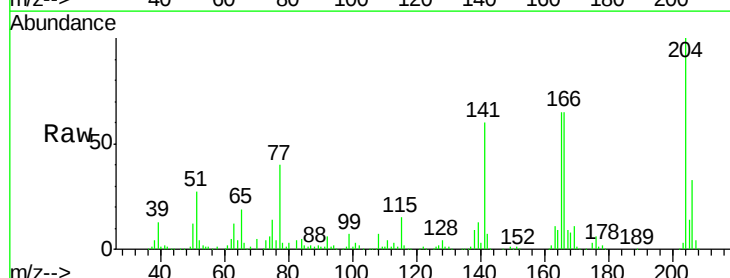
RT: 11.84 min Scan# 932

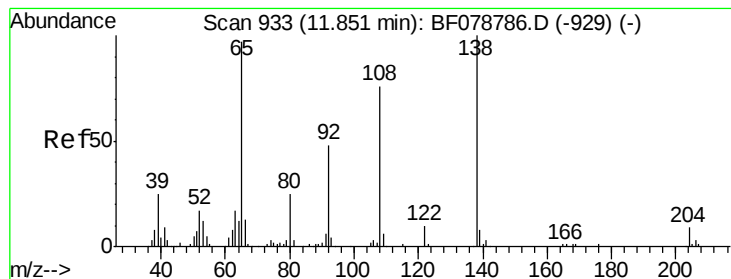
Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Tgt Ion:	204	Resp:	296070
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.9	40.3
141	59.7	48.3	72.5





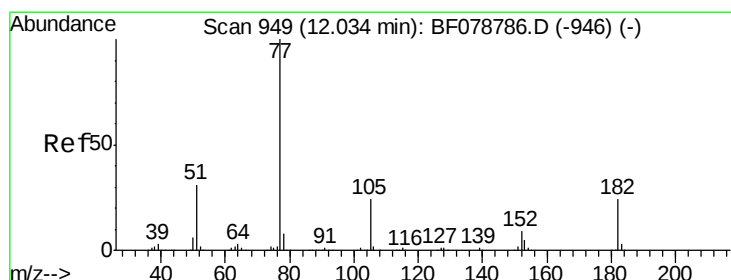
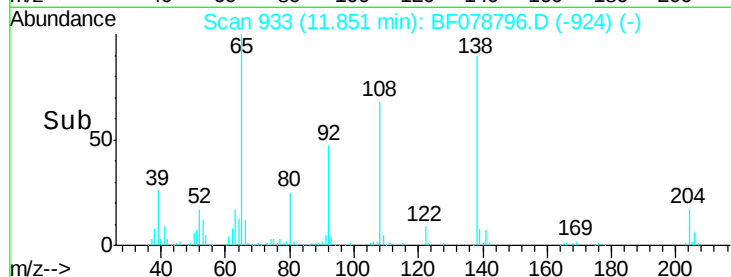
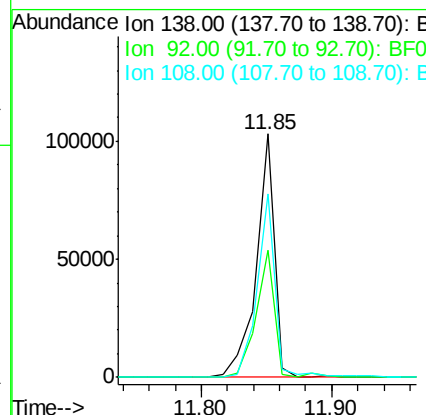
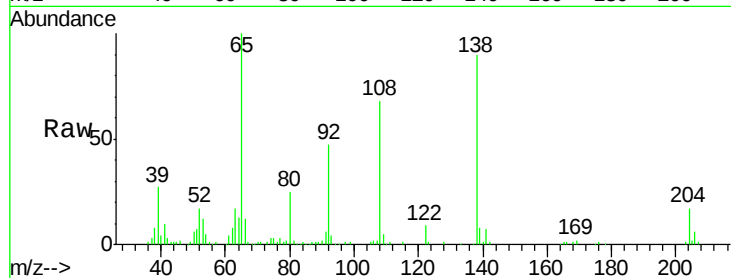
#61
4-Nitroaniline
Concen: 37.00 ng
RT: 11.85 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	100407		
92	52.4	28.0	68.0	
108	75.4	56.3	96.3	

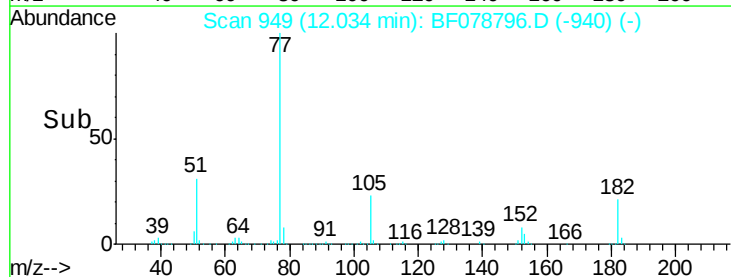
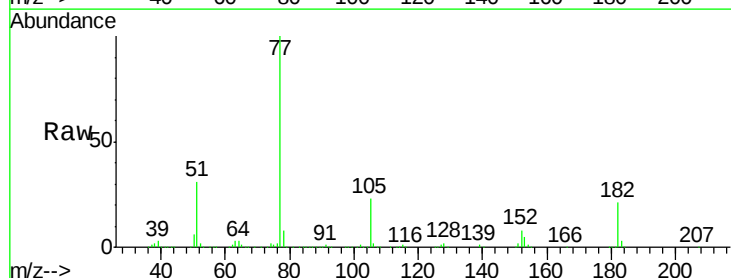
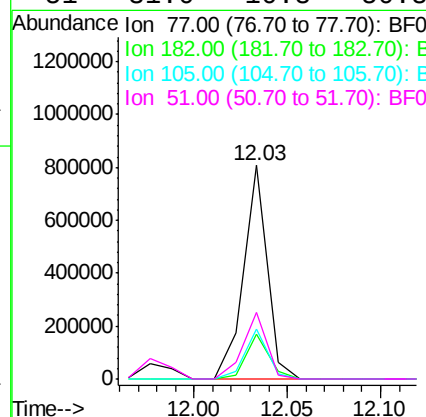
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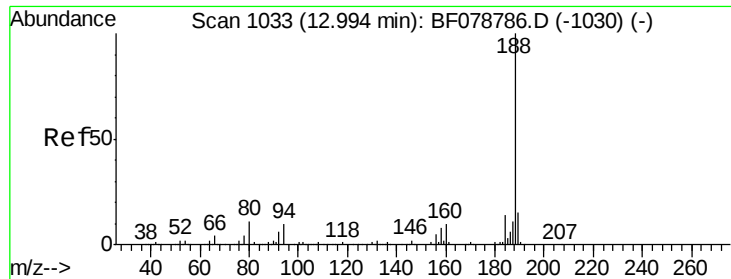
apatel
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#62
Azobenzene
Concen: 53.91 ng
RT: 12.03 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	715332		
182	21.1	3.8	43.8	
105	23.5	3.9	43.9	
51	31.0	10.8	50.8	





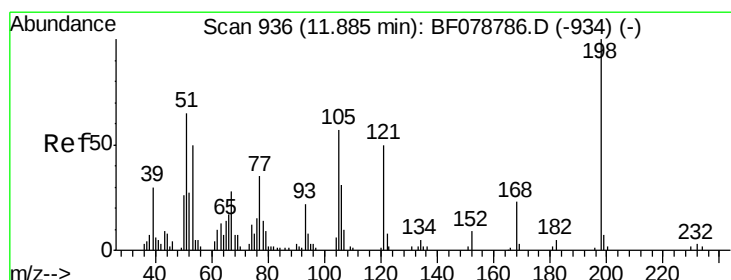
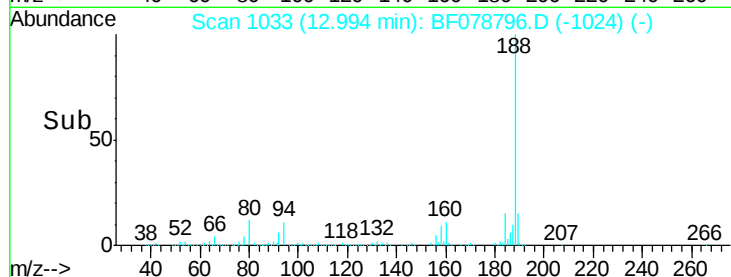
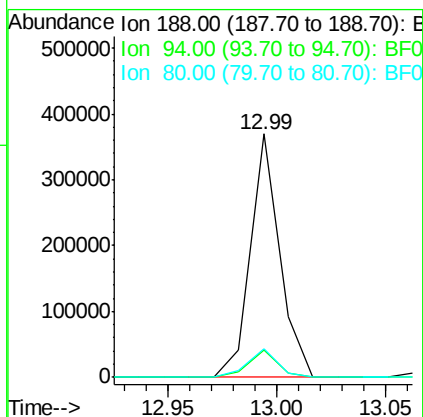
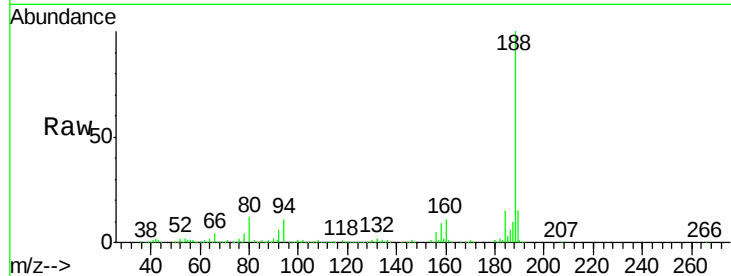
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.4	8.2	12.2
80	11.7	8.9	13.3

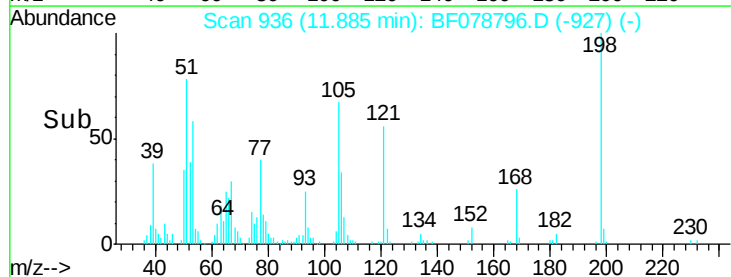
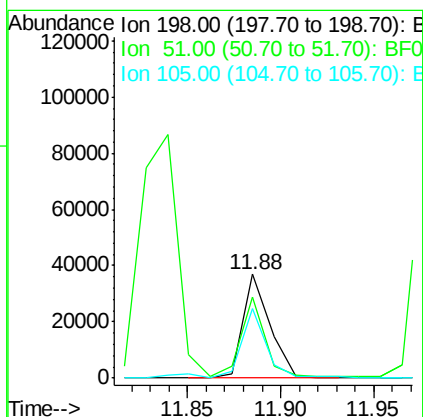
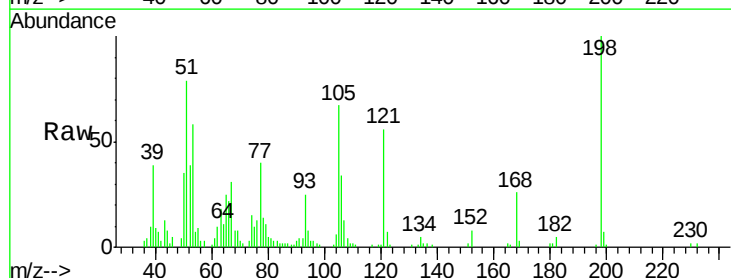
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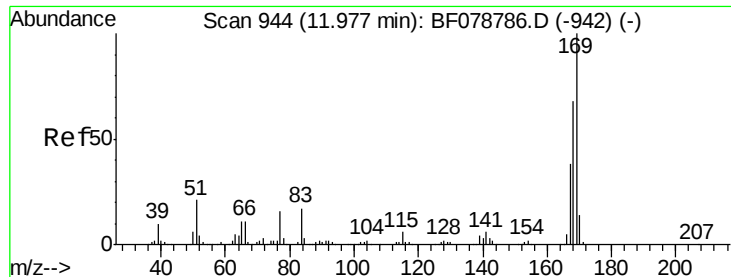
apatel
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#64
4,6-Dinitro-2-methylphenol
Concen: 59.24 ng
RT: 11.88 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	78.6	47.3	87.3
105	66.5	38.8	78.8





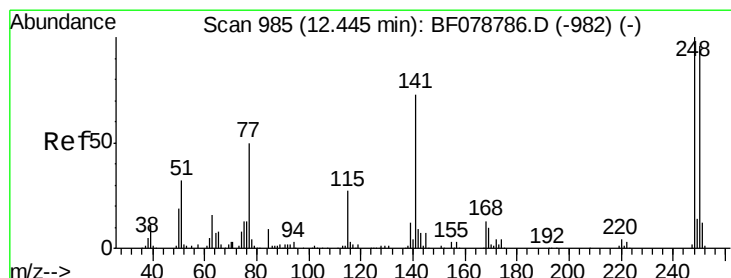
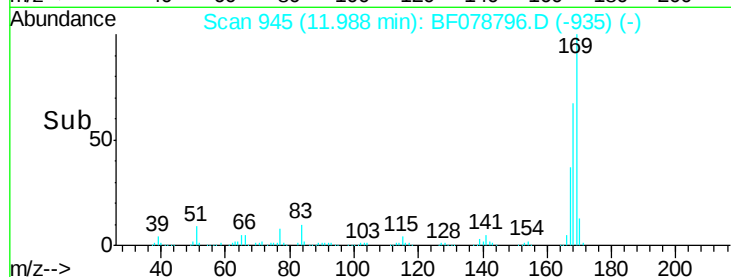
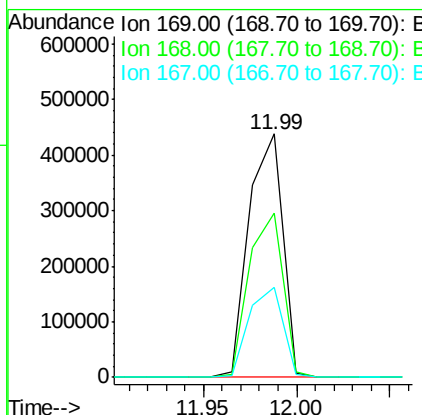
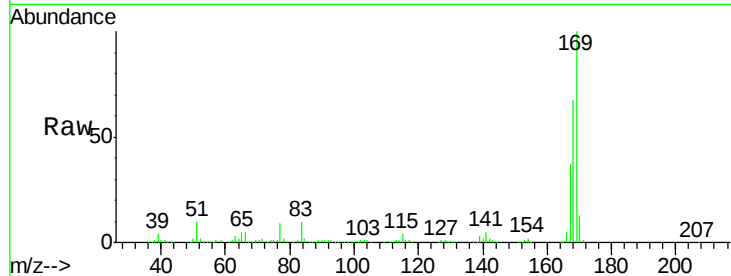
#65
 n-Nitrosodiphenylamine
 Concen: 48.97 ng
 RT: 11.99 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.3	54.6	82.0
167	36.9	30.6	45.8

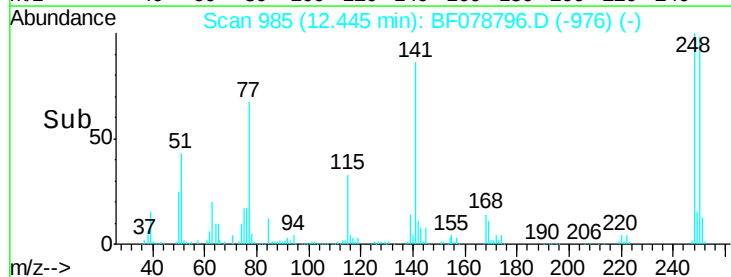
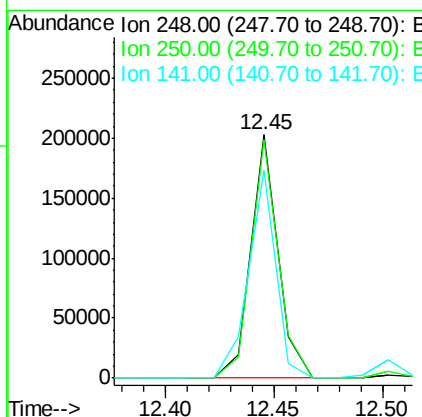
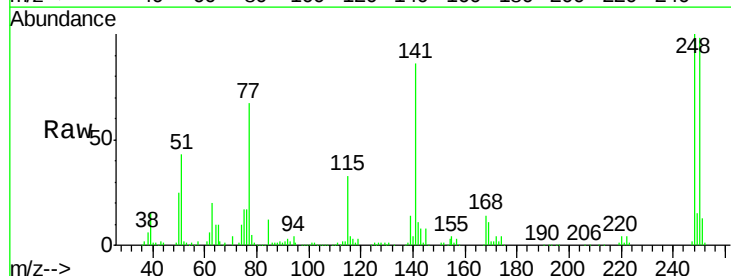
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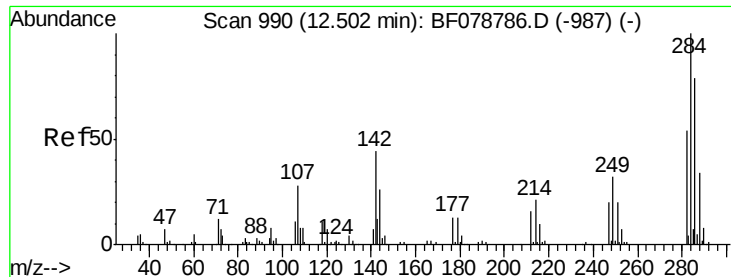
apatel
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#66
 4-Bromophenyl-phenylether
 Concen: 50.48 ng
 RT: 12.45 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.0	77.1	115.7
141	85.6	58.8	88.2





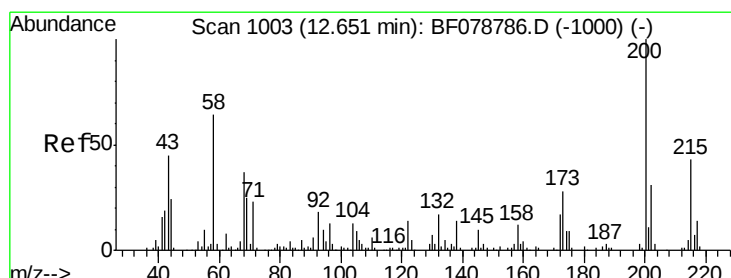
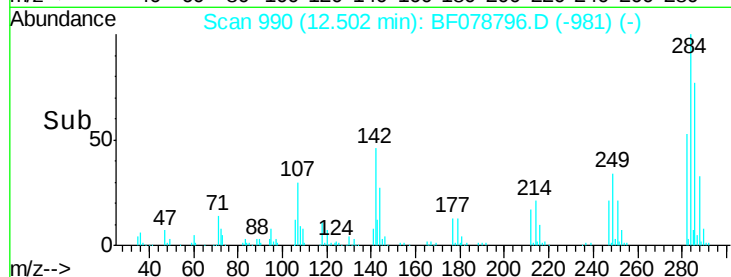
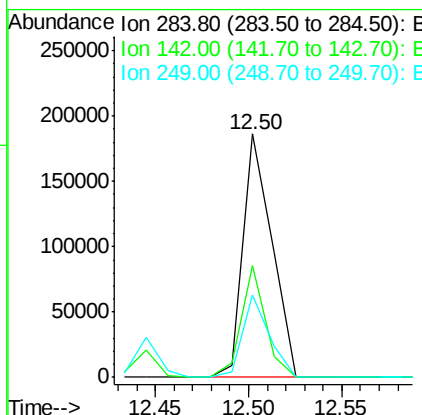
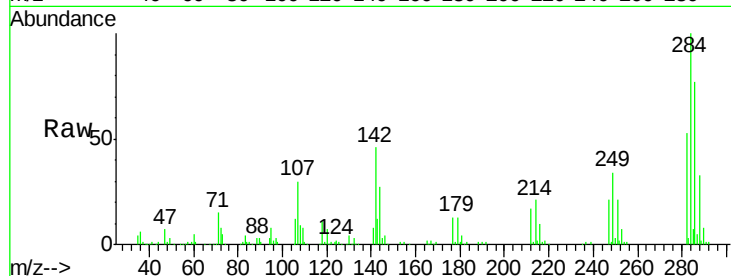
#67
Hexachlorobenzene
Concen: 50.52 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	46.0	35.2	52.8
249	34.0	25.4	38.2

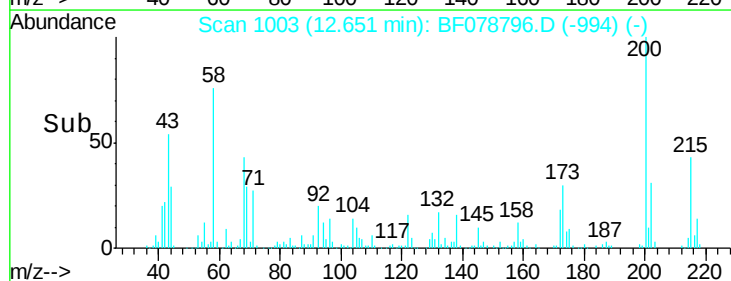
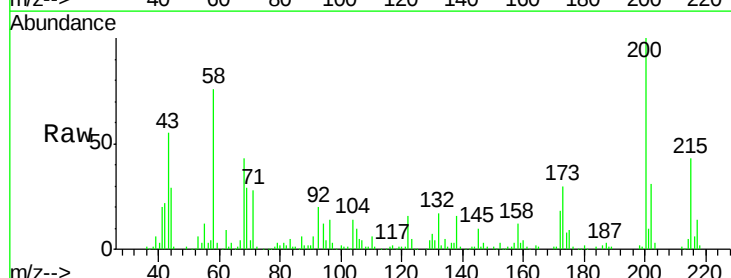
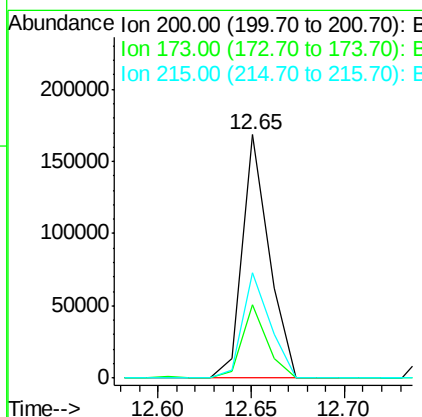
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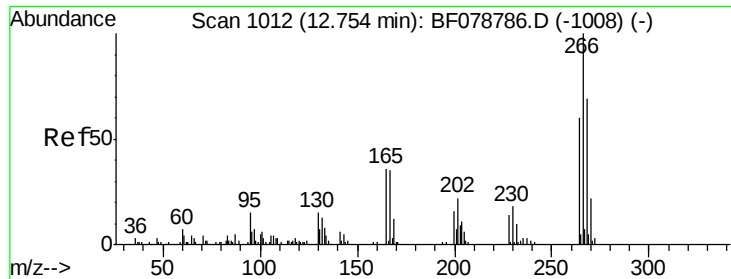
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#68
Atrazine
Concen: 55.93 ng
RT: 12.65 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.0	8.1	48.1
215	43.3	22.9	62.9





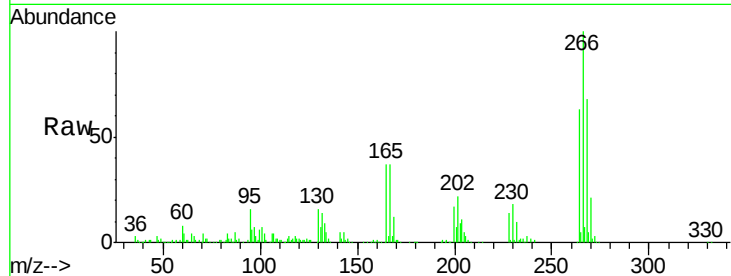
#69
 Pentachlorophenol
 Concen: 86.59 ng
 RT: 12.75 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.1	55.0	82.6
264	63.0	48.2	72.2

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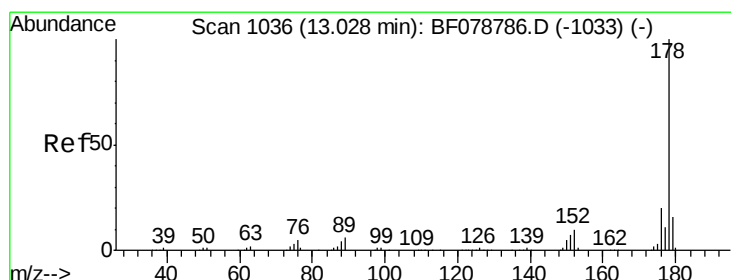
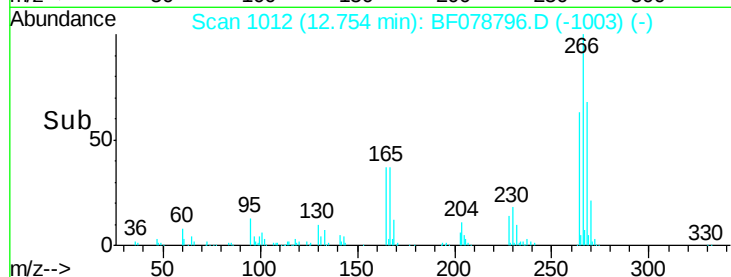
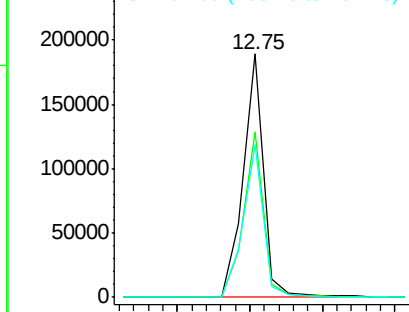


Abundance

Ion 265.70 (265.40 to 266.40): E

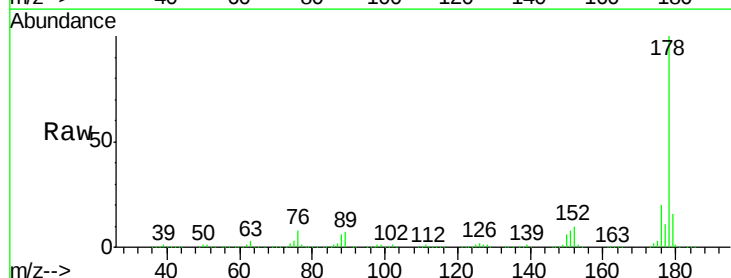
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 50.83 ng
 RT: 13.03 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	12.5	18.7

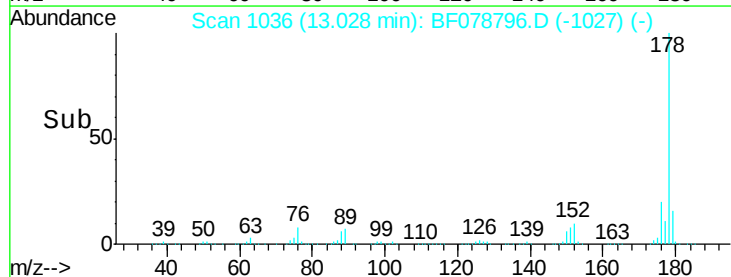
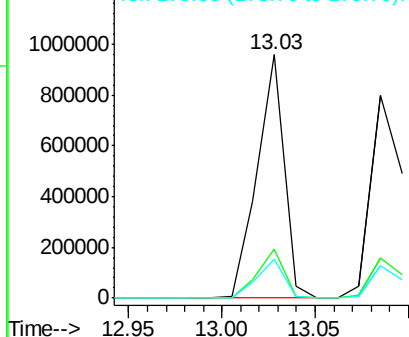


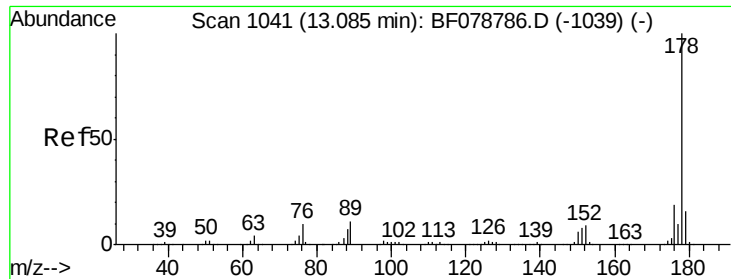
Abundance

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





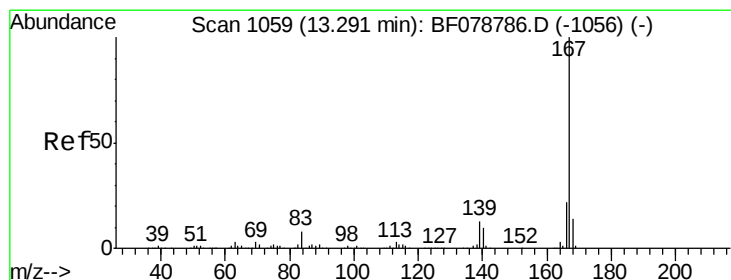
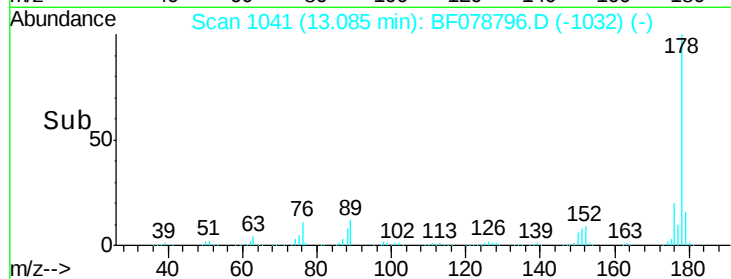
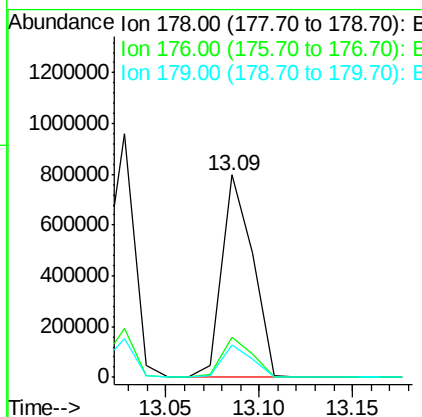
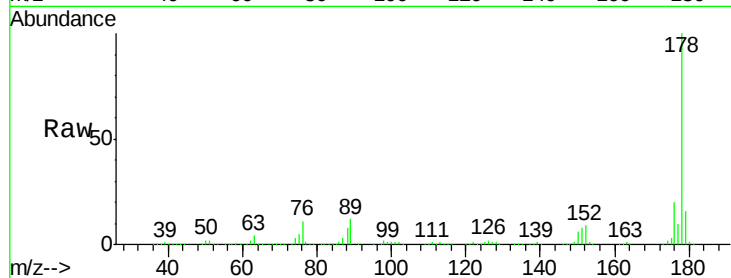
#71
 Anthracene
 Concen: 50.22 ng
 RT: 13.09 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	16.0	12.7	19.1

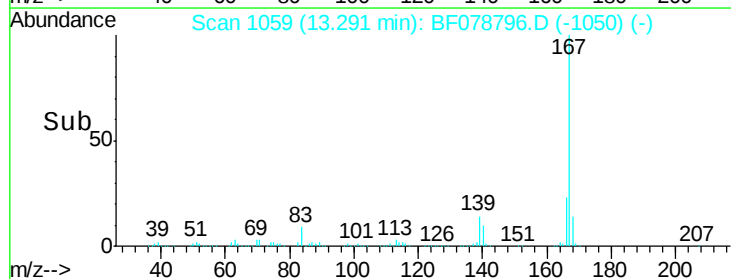
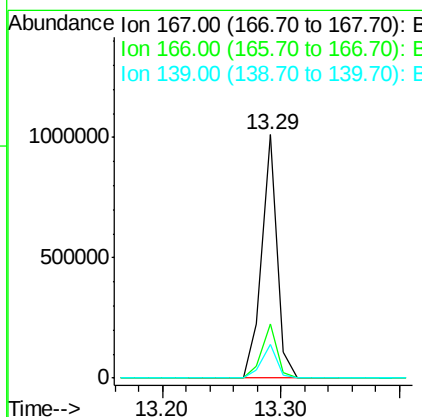
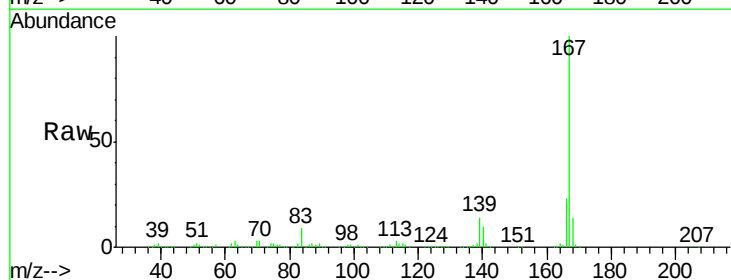
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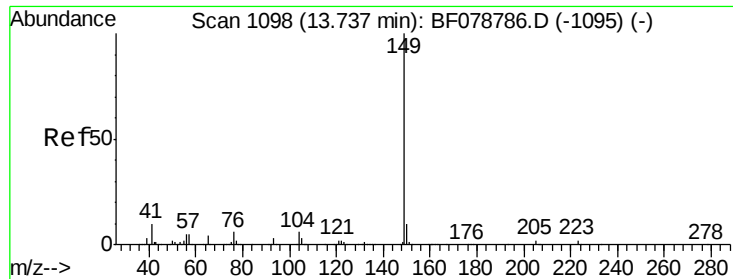
apatel
 4/29/2015 3:53:34 PM



#72
 Carbazole
 Concen: 53.60 ng
 RT: 13.29 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.8
139	13.8	10.6	16.0





#73

Di-n-butylphthalate

Concen: 54.39 ng

RT: 13.74 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion:149 Resp: 1091757

Ion Ratio Lower Upper

149 100

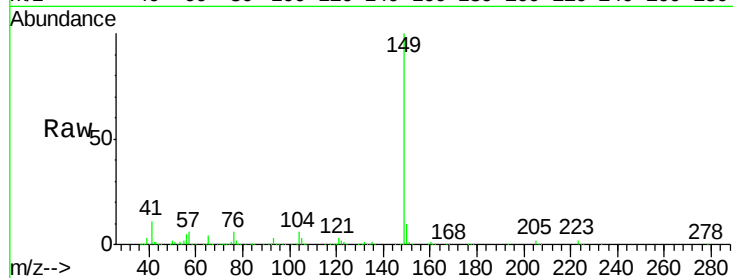
150 9.9 7.7 11.5

104 5.7 4.6 7.0

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apatel

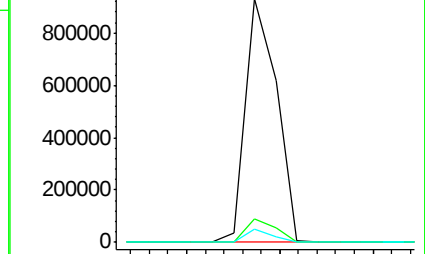
4/29/2015 3:53:34 PM



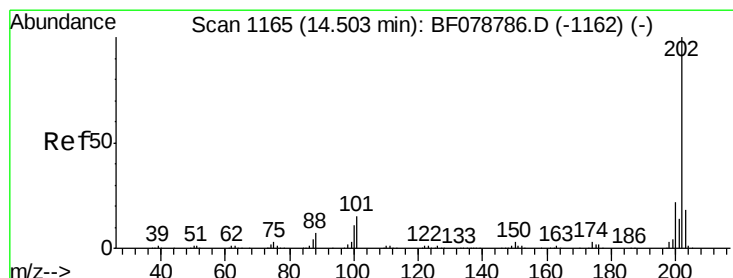
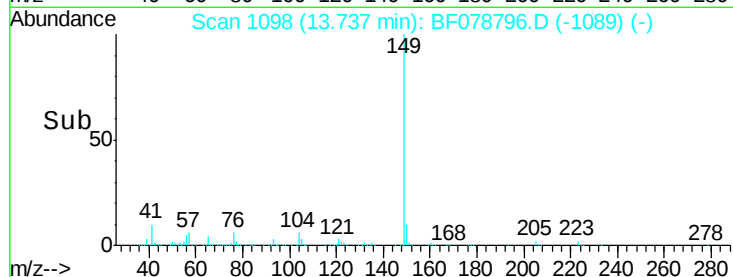
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 52.58 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

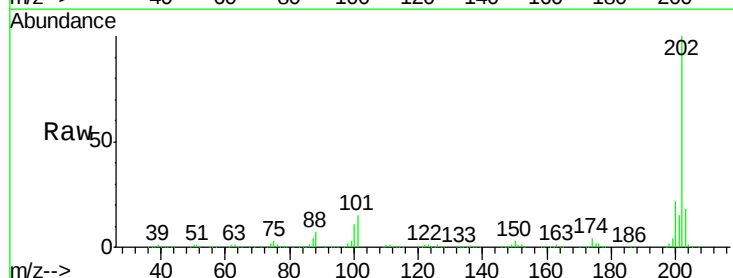
Tgt Ion:202 Resp: 984067

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.6

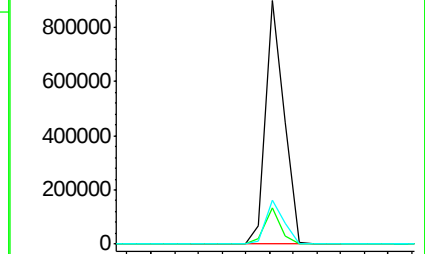
203 18.1 0.0 38.4



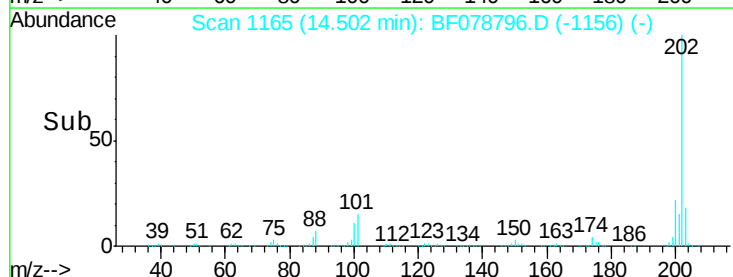
Abundance Ion 202.00 (201.70 to 202.70): E

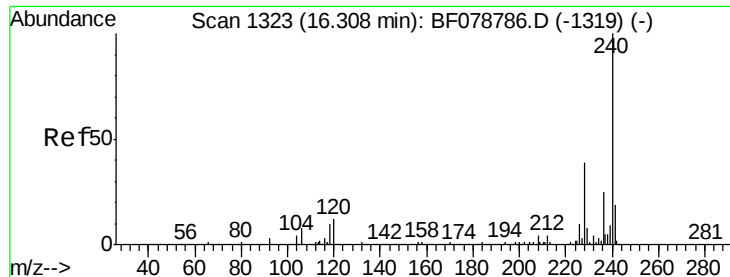
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

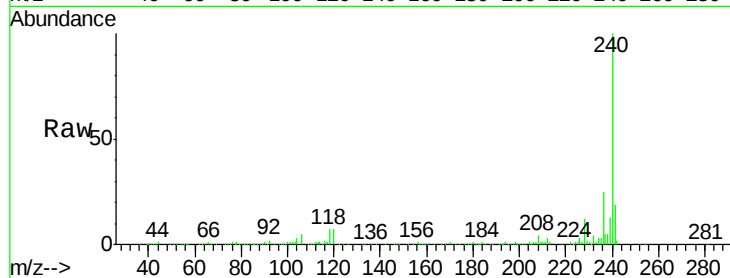
ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	9.7	14.5#
236	24.6	20.2	30.4

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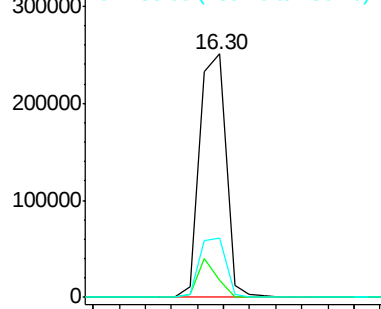
apatel
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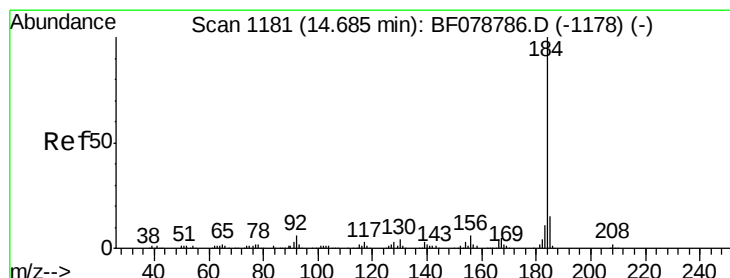
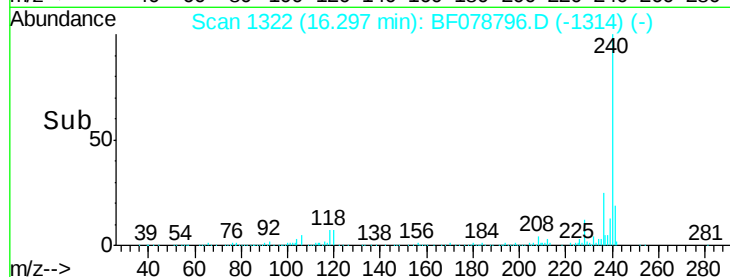
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 16.20 16.30 16.40



#76

Benzidine

Concen: 16.22 ng

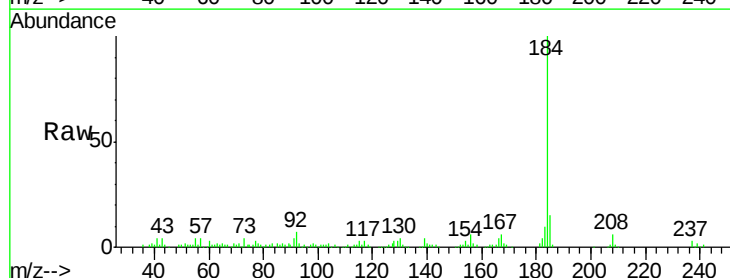
RT: 14.69 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

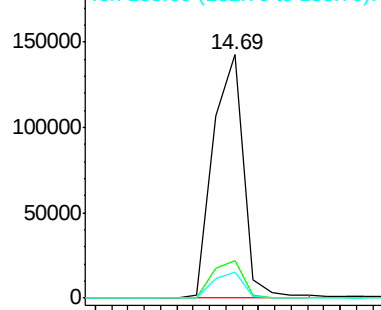
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.3	18.5
183	10.4	8.4	12.6



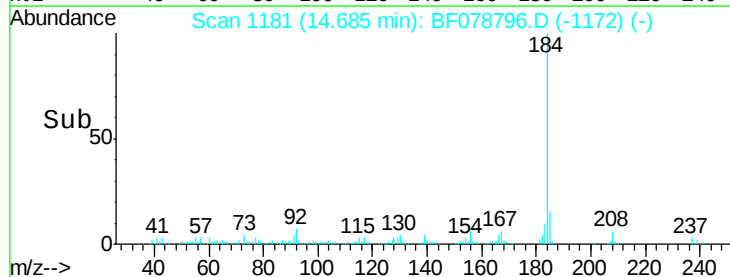
Abundance Ion 184.00 (183.70 to 184.70): E

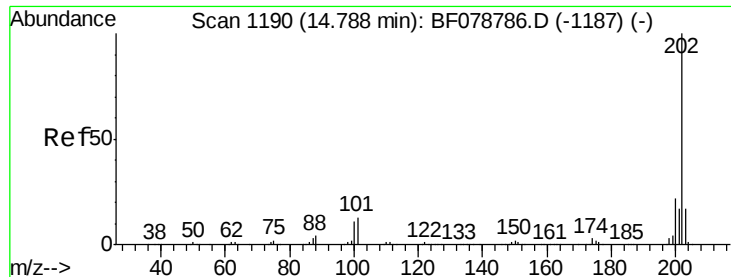
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 14.60 14.65 14.70 14.75





#77

Pvrene

Concen: 50.75 ng

RT: 14.79 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

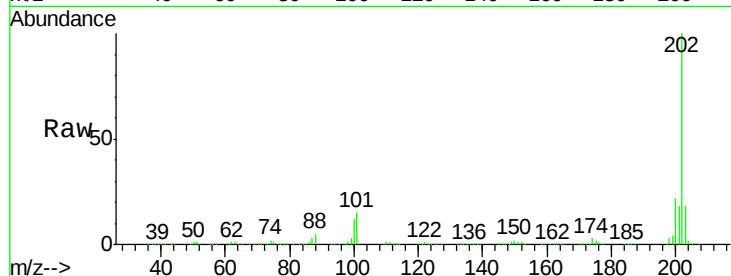
ClientSampleId :

DCW-WW-117-42315MSD

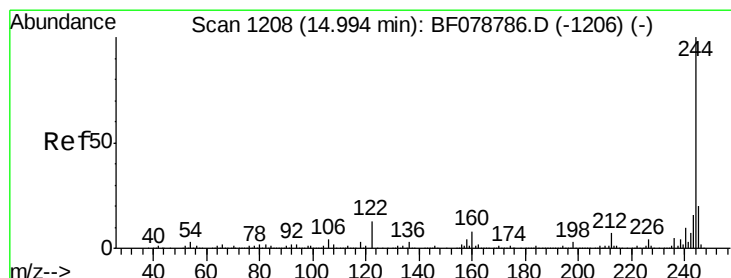
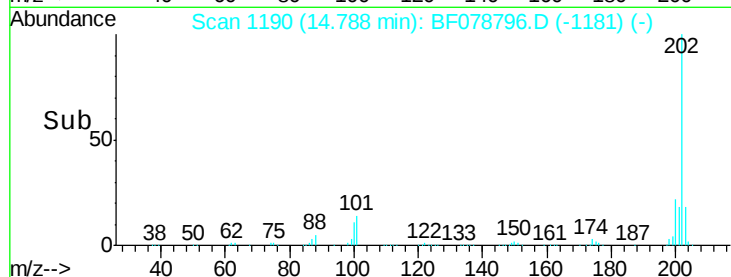
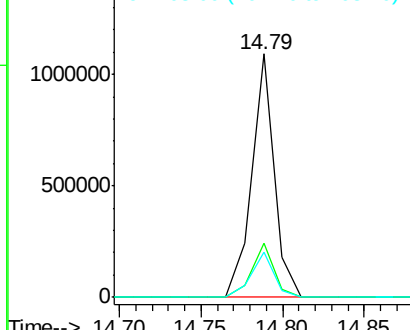
Tot Ion:	202	Resp:	1044130
Ion Ratio		Lower	Upper
202	100		
200	22.2	17.5	26.3
203	18.4	13.9	20.9

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.76 ng

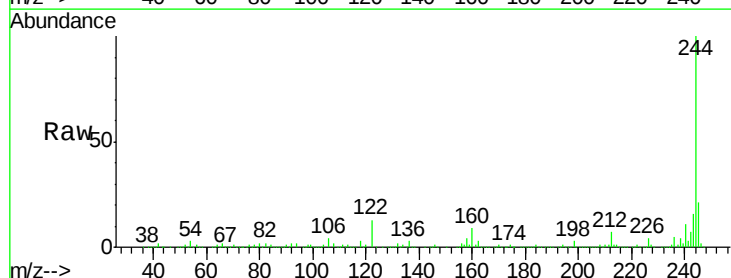
RT: 14.99 min Scan# 1208

Delta R.T. -0.00 min

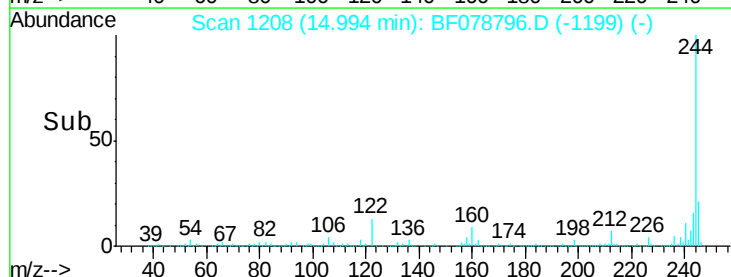
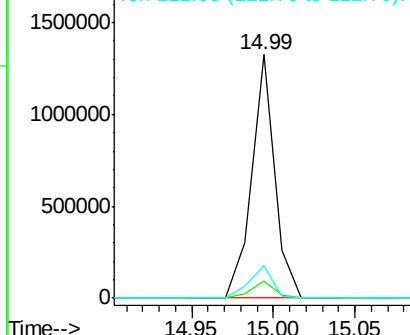
Lab File: BF078796.D

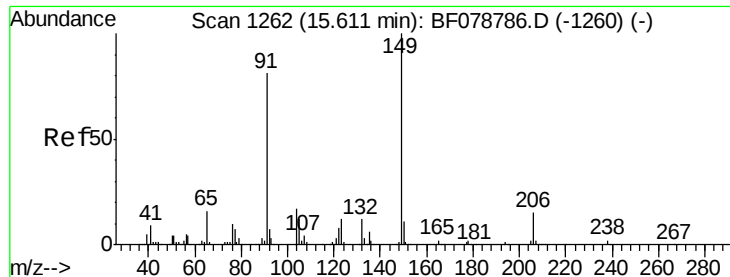
Acq: 29 Apr 2015 1:40

Tgt Ion:	244	Resp:	1297535
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.6	8.4
122	13.2	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





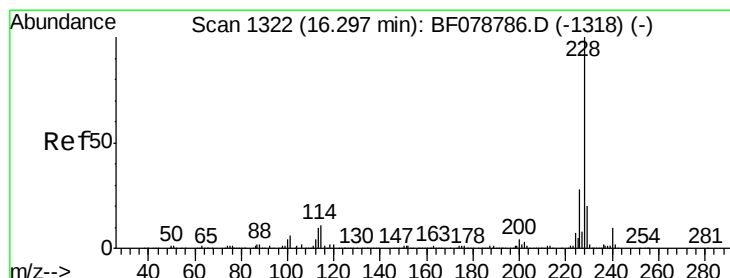
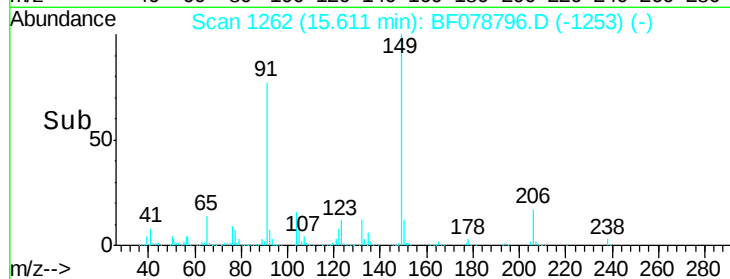
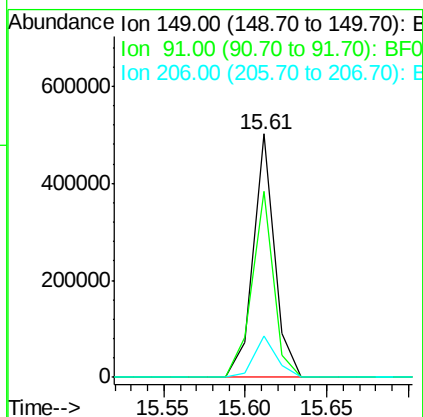
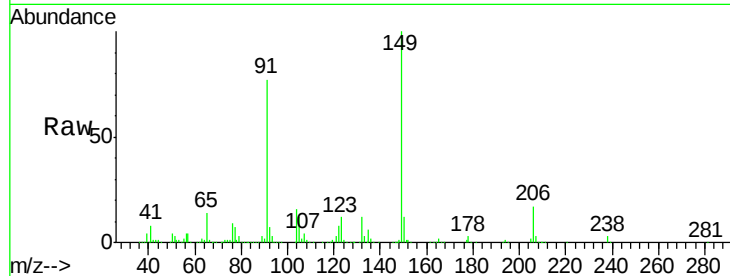
#79
Butylbenzylphthalate
Concen: 57.97 ng
RT: 15.61 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	457349		
91	76.6	64.6	97.0	
206	17.1	12.2	18.4	

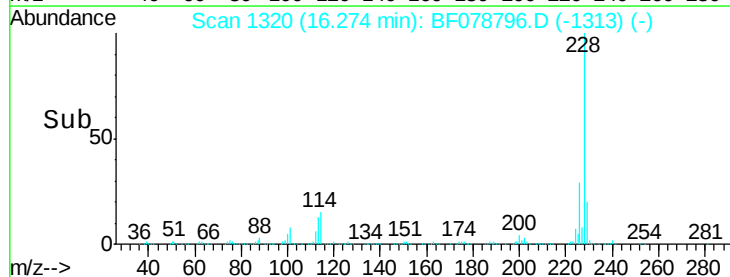
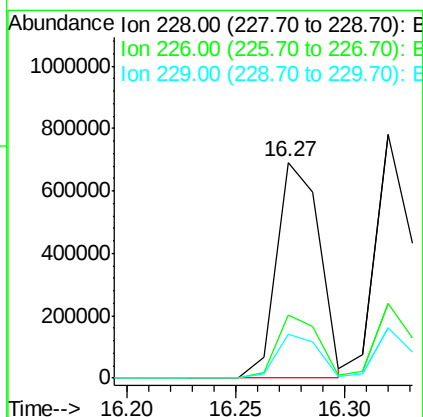
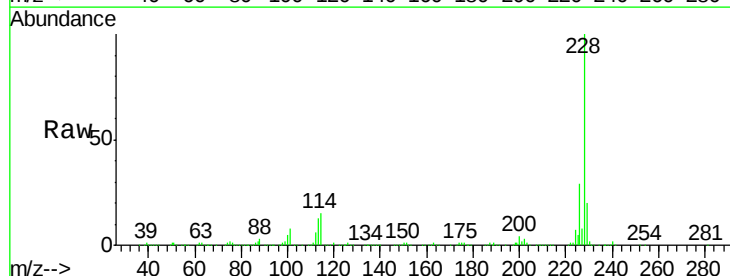
Manual Integrations
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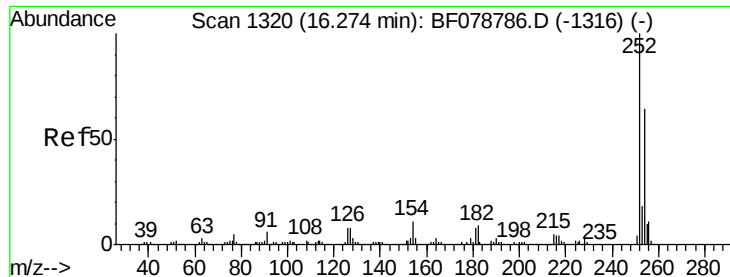
apatel
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#80
Benzo(a)anthracene
Concen: 50.28 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	949774		
226	28.9	22.6	33.8	
229	20.5	15.9	23.9	





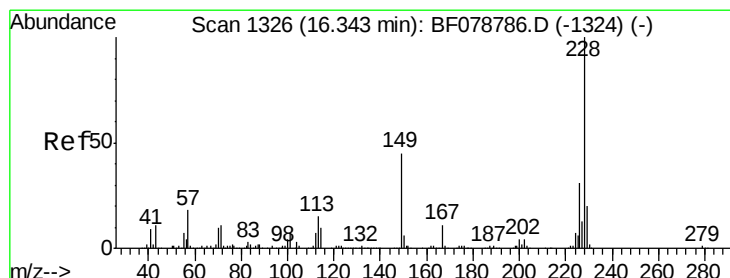
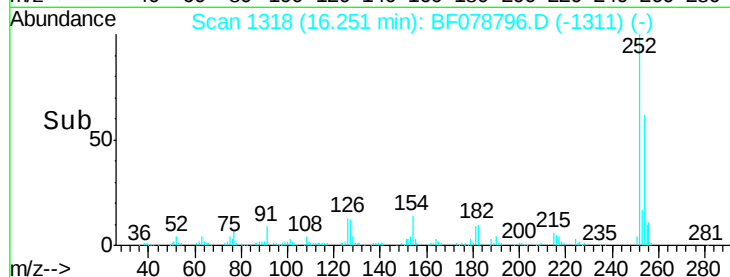
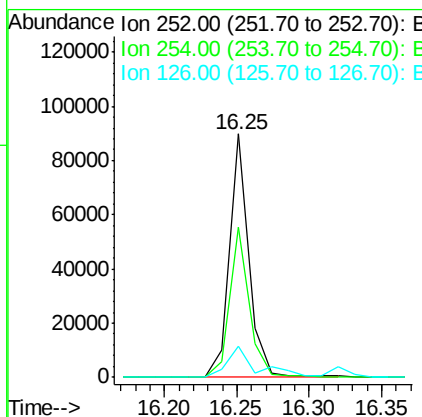
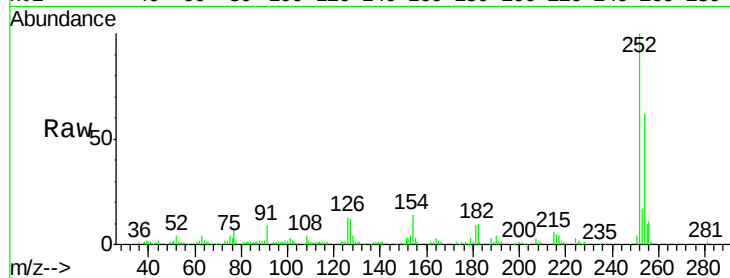
#81
 3,3'-Dichlorobenzidine
 Concen: 12.98 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	61.7	51.3	76.9	
126	12.6	6.6	10.0	

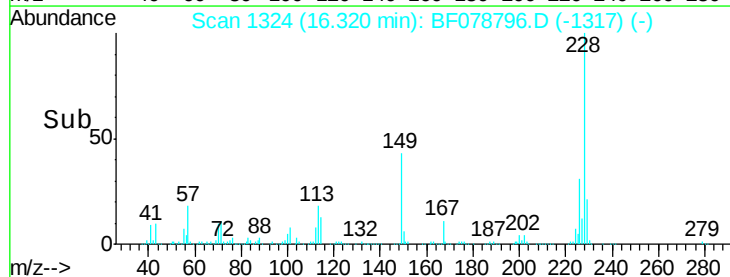
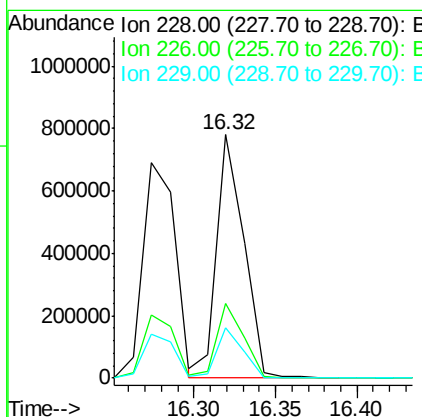
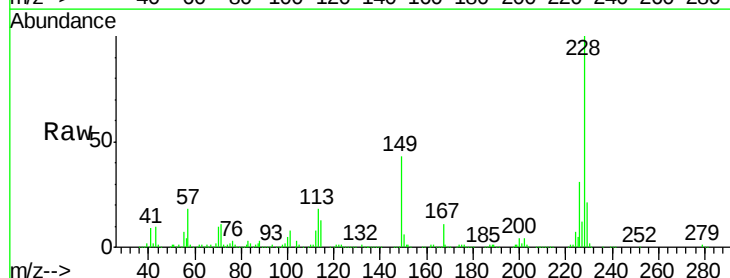
Manual Integrations
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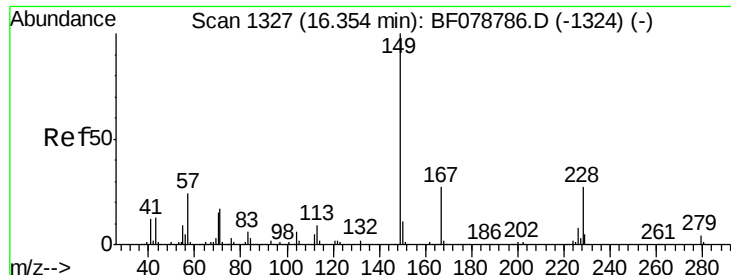
apatel
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#82
 Chrysene
 Concen: 48.77 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.7	24.9	37.3	
229	20.6	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.35 ng

RT: 16.33 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Instrument :

BNA_F

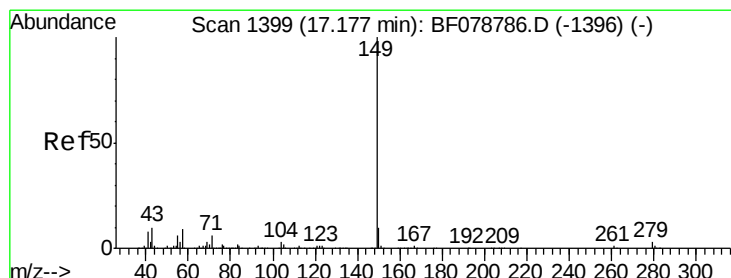
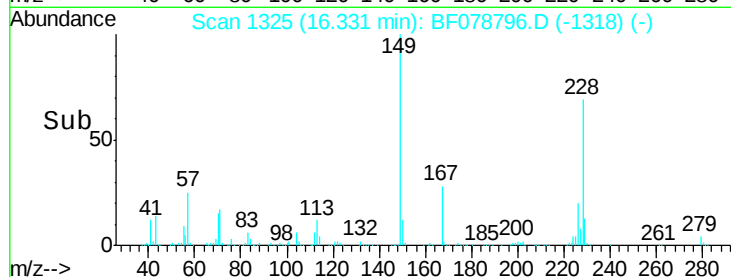
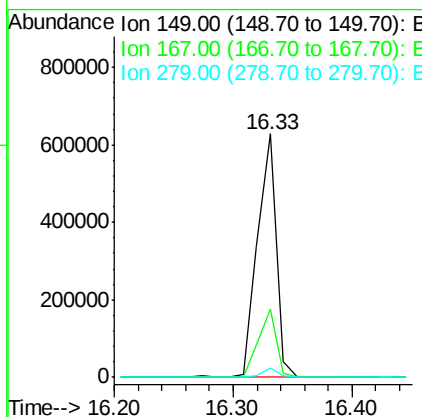
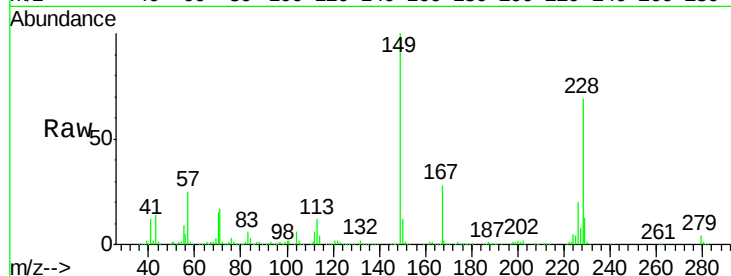
ClientSampleId :

DCW-WW-117-42315MSD

Tot Ion:	149	Resp:	700949
Ion Ratio		Lower	Upper
149	100		
167	27.8	21.8	32.8
279	3.6	2.9	4.3

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 54.77 ng

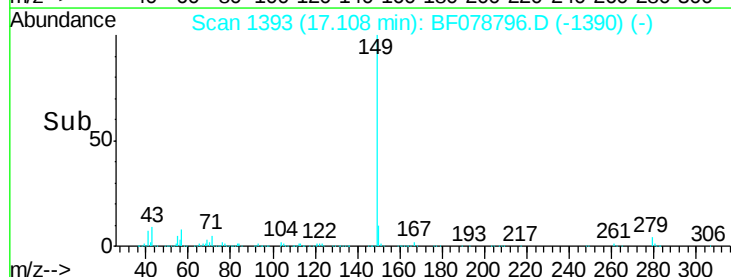
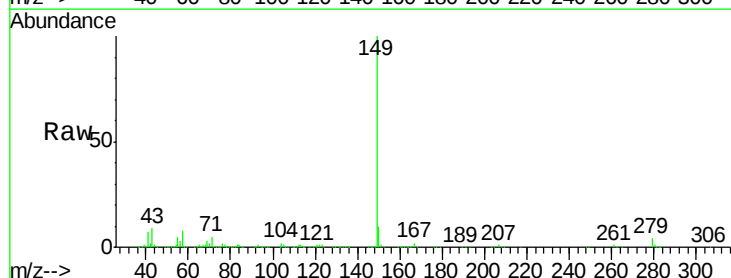
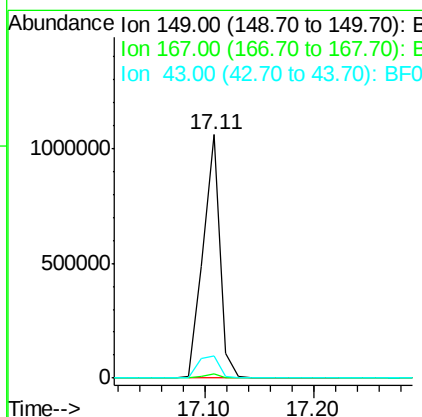
RT: 17.11 min Scan# 1393

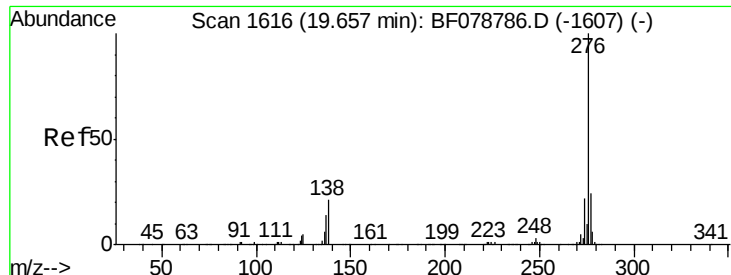
Delta R.T. -0.07 min

Lab File: BF078796.D

Acq: 29 Apr 2015 1:40

Tgt Ion:	149	Resp:	1149182
Ion Ratio		Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	11.1	0.0	0.0#





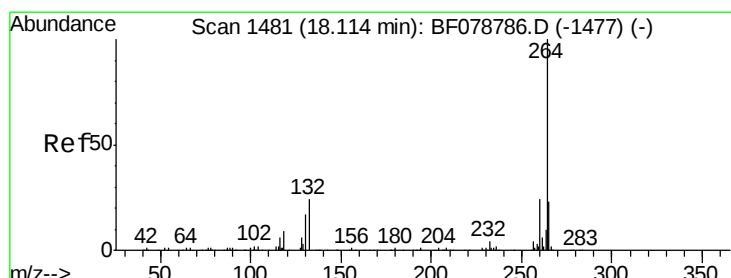
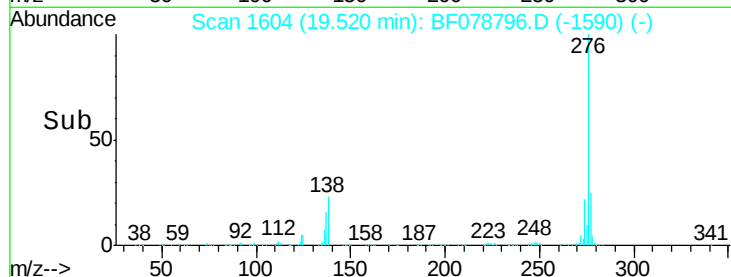
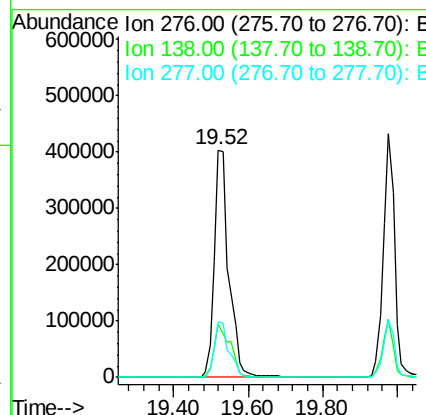
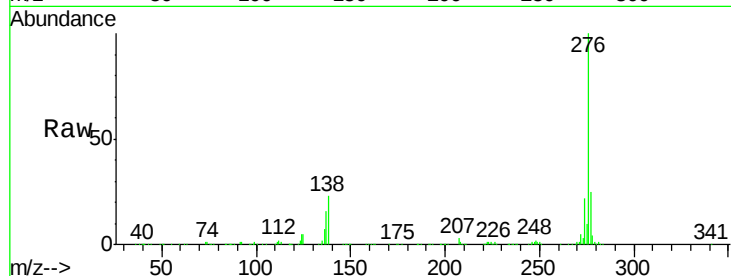
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.44 ng
RT: 19.52 min Scan# 1604
Delta R.T. -0.14 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	0.0	0.0#
277	24.9	0.0	0.0#

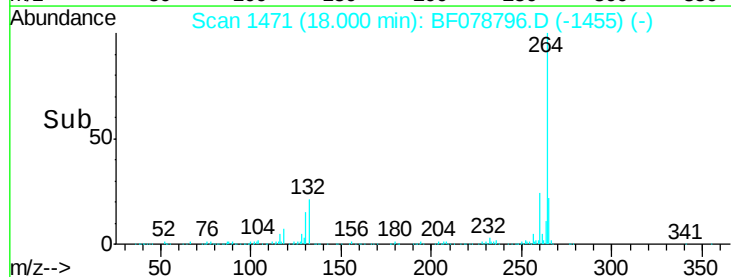
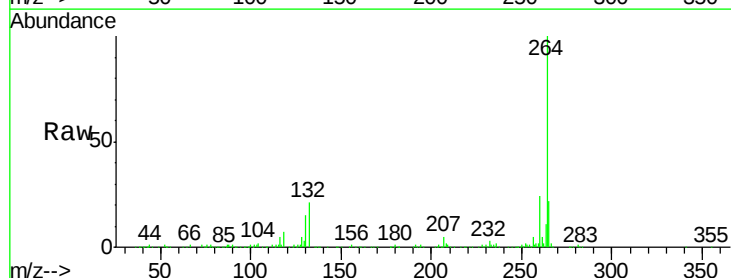
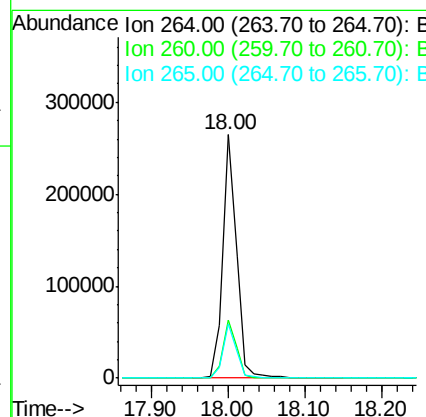
Manual Integrations
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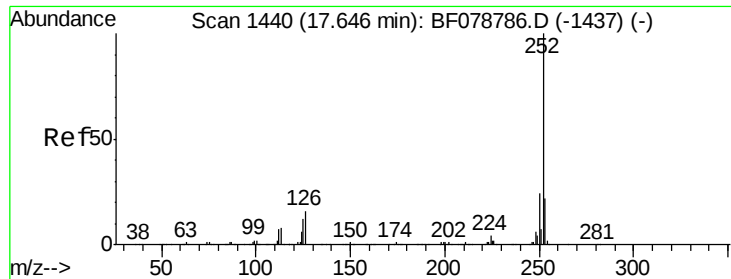
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.00 min Scan# 1471
Delta R.T. -0.11 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.2	18.3	27.5





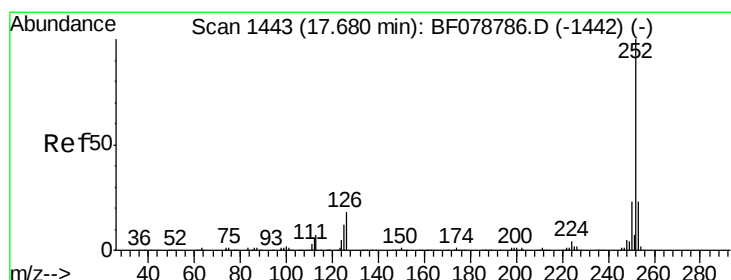
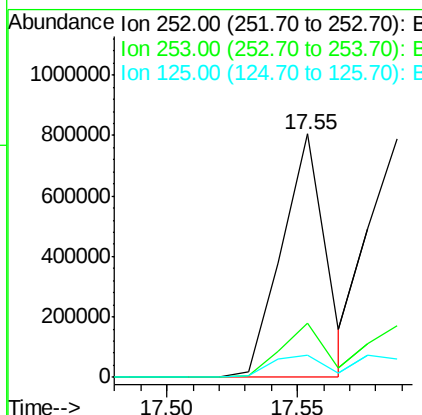
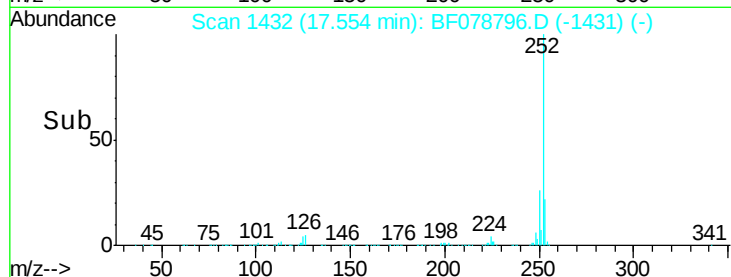
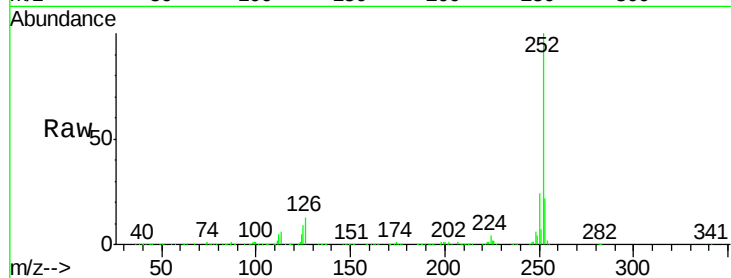
#87
Benzo(b)fluoranthene
Concen: 51.87 ng
RT: 17.55 min Scan# 1432
Delta R.T. -0.09 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.4	9.5	14.3

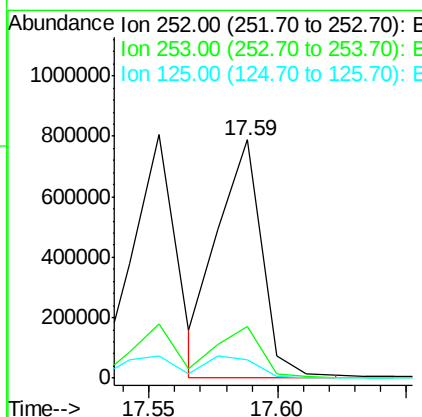
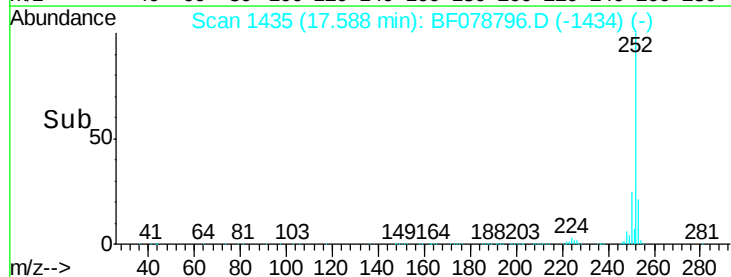
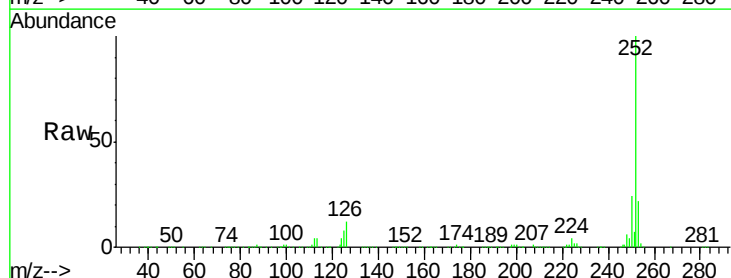
Manual Integrations
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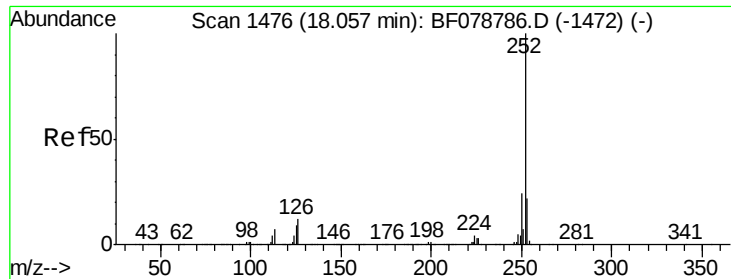
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#88
Benzo(k)fluoranthene
Concen: 54.43 ng m
RT: 17.59 min Scan# 1435
Delta R.T. -0.09 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	7.8	10.0	15.0





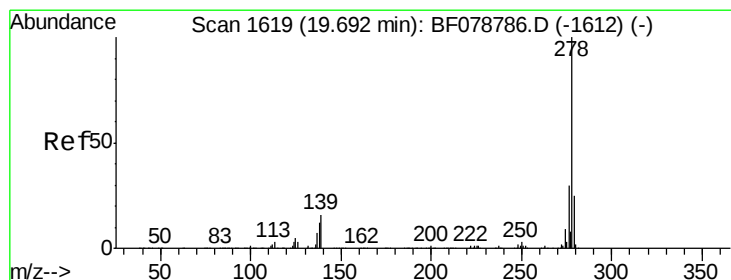
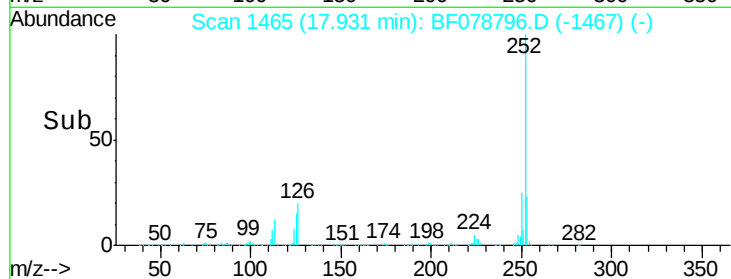
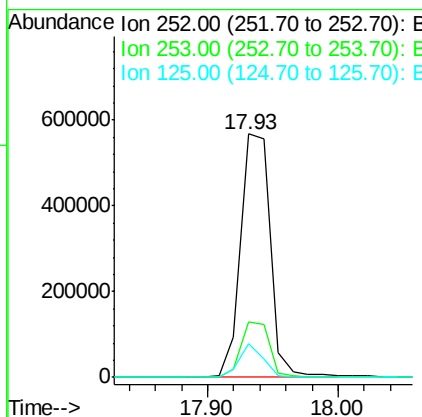
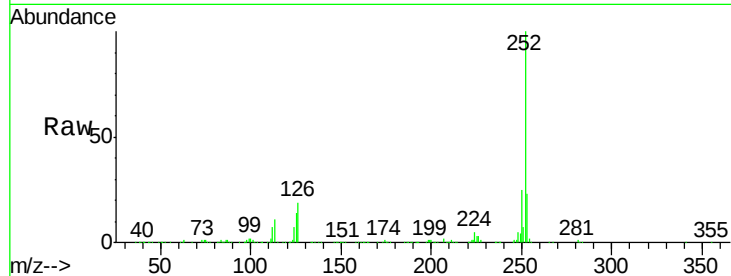
#89
Benzo(a)pyrene
Concen: 55.67 ng
RT: 17.93 min Scan# 1465
Delta R.T. -0.13 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
DCW-WW-117-42315MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	13.8	7.0	10.6

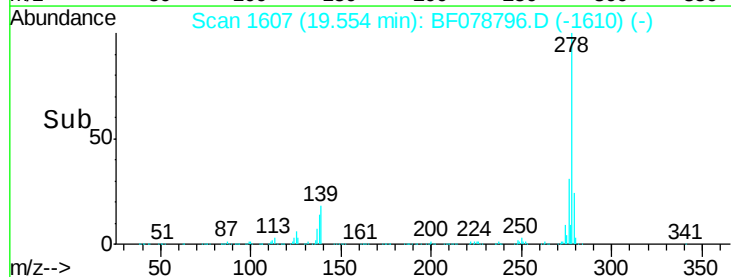
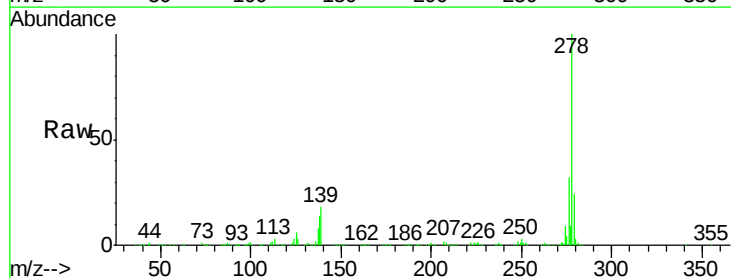
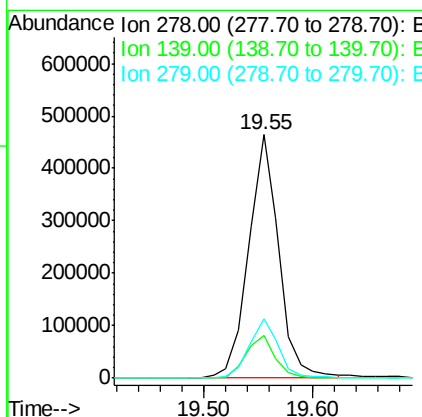
Manual Integrations
APPROVED

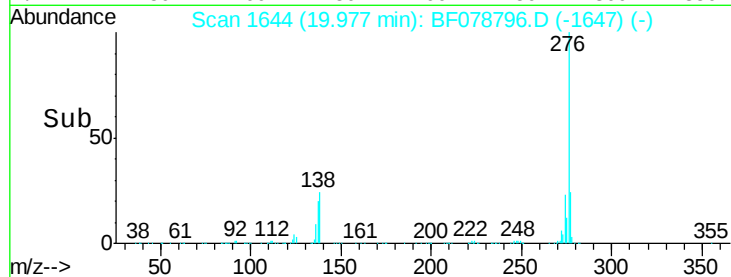
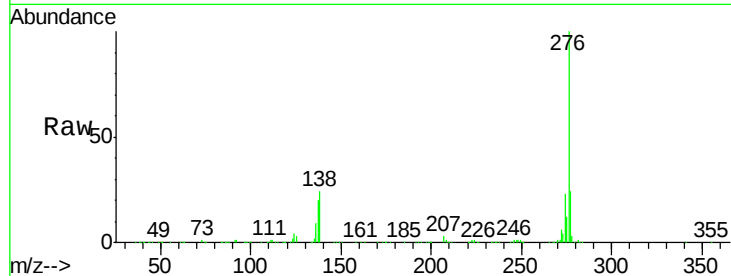
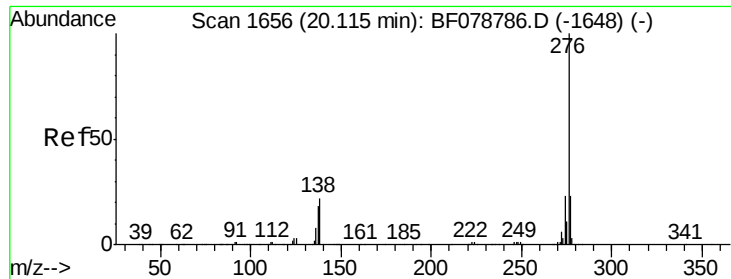
apatel
4/29/2015 3:53:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 53.92 ng
RT: 19.55 min Scan# 1607
Delta R.T. -0.14 min
Lab File: BF078796.D
Acq: 29 Apr 2015 1:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.8	19.2
279	24.4	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 53.84 ng
 RT: 19.98 min Scan# 1644
 Delta R.T. -0.14 min
 Lab File: BF078796.D
 Acq: 29 Apr 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	18.6	28.0
138	23.9	17.4	26.0

Manual Integrations
 APPROVED

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