

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078076.D
 Acq On : 28 Mar 2015 12:11
 Operator : TP/IZ
 Sample : G1667-12MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

Manual Integrations
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 3/30/2015 6:31:18 PM

Quant Time: Mar 30 02:22:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 30 00:50:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	37910	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	154574	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	76857	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	150651	20.00	ng	0.00
75) Chrysene-d12	15.93	240	158751	20.00	ng	0.00
86) Perylene-d12	17.67	264	166250	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	273335	125.85	ng	0.00
7) Phenol-d6	6.67	99	352351	131.31	ng	0.00
23) Nitrobenzene-d5	7.77	82	194587	82.52	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	88164	119.89	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	413060	78.98	ng	0.00
78) Terphenyl-d14	14.65	244	488239	75.12	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.94	88	33095	33.56	ng	# 100
3) Pyridine	2.60	79	85765	32.37	ng	98
4) n-Nitrosodimethylamine	2.53	42	44715m	38.76	ng	
6) Aniline	6.66	93	78806	20.53	ng	# 78
8) 2-Chlorophenol	6.81	128	108382	41.92	ng	98
9) Benzaldehyde	6.52	77	4432	4.03	ng	97
10) Phenol	6.68	94	137000	43.19	ng	# 72
11) bis(2-Chloroethyl)ether	6.77	93	102892	43.31	ng	99
12) 1,3-Dichlorobenzene	6.99	146	111843	38.90	ng	# 96
13) 1,4-Dichlorobenzene	7.09	146	115988	38.82	ng	95
14) 1,2-Dichlorobenzene	7.28	146	109549	40.00	ng	96
15) Benzyl Alcohol	7.26	79	80970	38.66	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.45	45	130482	40.75	ng	99
17) 2-Methylphenol	7.42	107	85542	40.65	ng	97
18) Hexachloroethane	7.69	117	37861	38.64	ng	# 89
19) n-Nitroso-di-n-propylamine	7.60	70	71387	38.46	ng	98
20) 3+4-Methylphenols	7.62	107	113843	41.22	ng	93
22) Acetophenone	7.58	105	146831	42.91	ng	# 98
24) Nitrobenzene	7.79	77	103466	40.73	ng	99
25) Isophorone	8.10	82	192419	40.41	ng	97
26) 2-Nitrophenol	8.19	139	51340	41.28	ng	97
27) 2,4-Dimethylphenol	8.27	122	90984	40.16	ng	97
28) bis(2-Chloroethoxy)methane	8.38	93	120806	41.79	ng	99
29) 2,4-Dichlorophenol	8.50	162	88962	41.19	ng	95
30) 1,2,4-Trichlorobenzene	8.59	180	93272	38.60	ng	98
31) Naphthalene	8.68	128	309355	38.97	ng	99
32) Benzoic acid	8.37	122	23789	20.70	ng	96
33) 4-Chloroaniline	8.76	127	69824	21.67	ng	97
34) Hexachlorobutadiene	8.83	225	51954	37.93	ng	98
35) Caprolactam	9.18	113	26816	42.48	ng	# 83
36) 4-Chloro-3-methylphenol	9.38	107	90803	41.79	ng	86
37) 2-Methylnaphthalene	9.54	142	215995	40.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	91429	39.88	ng	# 100
40) Hexachlorocyclopentadiene	9.72	237	72339	63.71	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	63499	39.99	nq	98
43) 2,4,5-Trichlorophenol	9.95	196	65759	38.33	nq	98
45) 1,1'-Biphenyl	10.12	154	247920	40.35	nq	98
46) 2-Chloronaphthalene	10.13	162	199170	39.89	nq	# 93
47) 2-Nitroaniline	10.27	65	50479	40.71	nq	88
48) Acenaphthylene	10.65	152	321715	38.75	nq	99
49) Dimethylphthalate	10.51	163	241677	42.40	nq	100
50) 2,6-Dinitrotoluene	10.58	165	49022	41.49	nq	91
51) Acenaphthene	10.85	154	178363	37.47	nq	99
52) 3-Nitroaniline	10.79	138	41990	30.60	nq	90
53) 2,4-Dinitrophenol	10.92	184	25456	60.79	nq	# 74
54) Dibenzofuran	11.07	168	279179	39.54	nq	94
55) 4-Nitrophenol	11.03	139	76977	75.72	nq	87
56) 2,4-Dinitrotoluene	11.08	165	66850	43.39	nq	# 59
57) Fluorene	11.49	166	226395	38.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	52454	39.71	nq	# 100
59) Diethylphthalate	11.39	149	229577	41.33	nq	99
60) 4-Chlorophenyl-phenylether	11.51	204	103647	38.74	nq	# 87
61) 4-Nitroaniline	11.54	138	55082	40.27	nq	85
62) Azobenzene	11.70	77	211424	39.83	nq	92
64) 4,6-Dinitro-2-methylphenol	11.57	198	22224	32.74	nq	88
65) n-Nitrosodiphenylamine	11.67	169	194992	38.87	nq	99
66) 4-Bromophenyl-phenylether	12.11	248	62452	38.84	nq	# 87
67) Hexachlorobenzene	12.17	284	67511	38.22	nq	# 93
68) Atrazine	12.34	200	65881	46.86	nq	98
69) Pentachlorophenol	12.42	266	57582	62.92	nq	96
70) Phenanthrene	12.68	178	398671	46.10	nq	100
71) Anthracene	12.75	178	348691	40.81	nq	98
72) Carbazole	12.96	167	337582	41.53	nq	100
73) Di-n-butylphthalate	13.41	149	374689	41.11	nq	99
74) Fluoranthene	14.16	202	525759	55.12	nq	99
76) Benzidine	14.34	184	142523	36.25	nq	100
77) Pyrene	14.43	202	518124	51.90	nq	99
79) Butylbenzylphthalate	15.27	149	167340	42.52	nq	87
80) Benzo(a)anthracene	15.92	228	452533	48.09	nq	99
81) 3,3'-Dichlorobenzidine	15.91	252	101577	32.72	nq	99
82) Chrysene	15.96	228	413956	48.92	nq	99
83) Bis(2-ethylhexyl)phthalate	16.00	149	248295	41.65	nq	100
84) Di-n-octyl phthalate	16.79	149	433991	42.57	nq	100
85) Indeno(1,2,3-cd)pyrene	19.03	276	466858	44.21	nq	# 100
87) Benzo(b)fluoranthene	17.23	252	489874	45.14	nq	# 96
88) Benzo(k)fluoranthene	17.25	252	370826m	43.74	nq	
89) Benzo(a)pyrene	17.61	252	424440	46.87	nq	# 98
90) Dibenzo(a,h)anthracene	19.05	278	347179	38.65	nq	98
91) Benzo(g,h,i)perylene	19.41	276	392697	42.95	nq	97

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

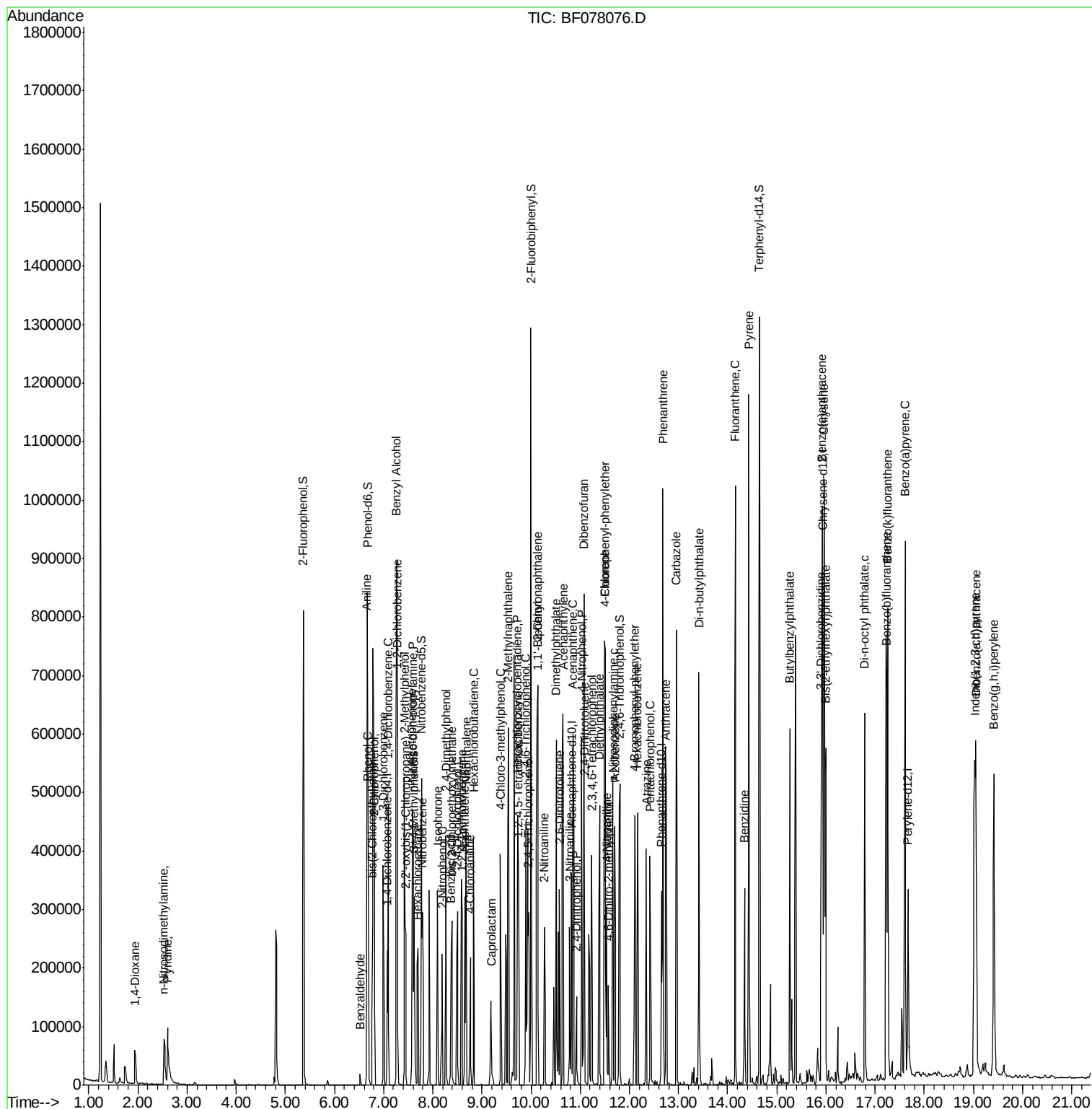
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
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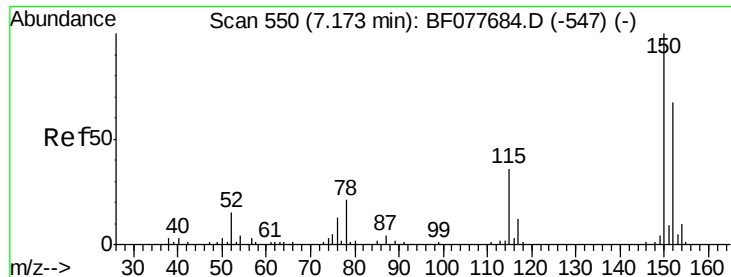
Instrument :
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ClientSampleId :
REC-7-1-1(1.5-2.0)MS

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#1

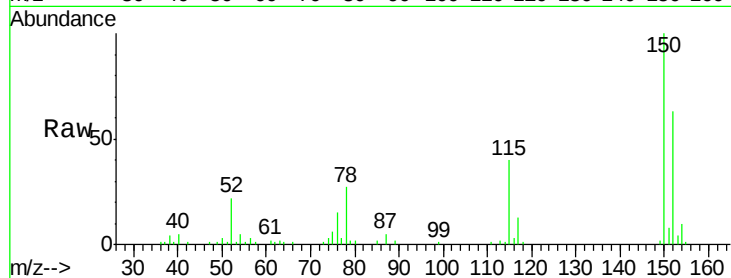
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

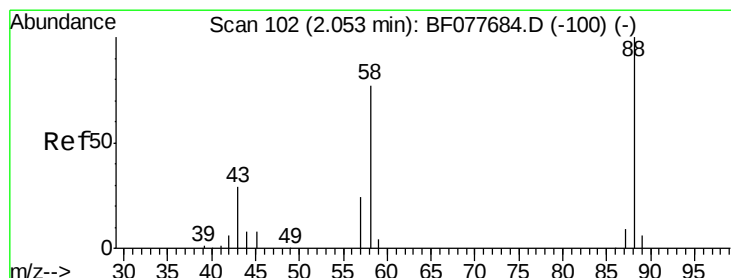
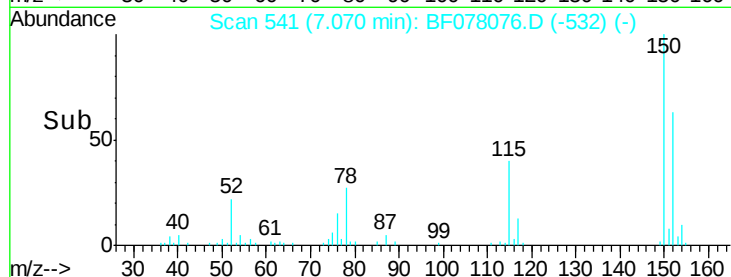
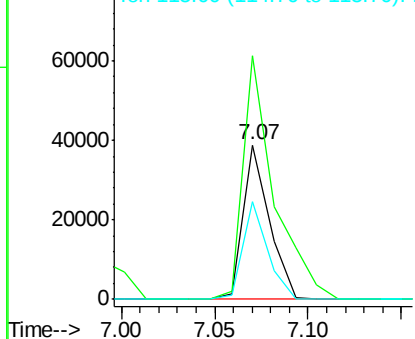
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	119.5	179.3
115	63.0	43.0	64.4

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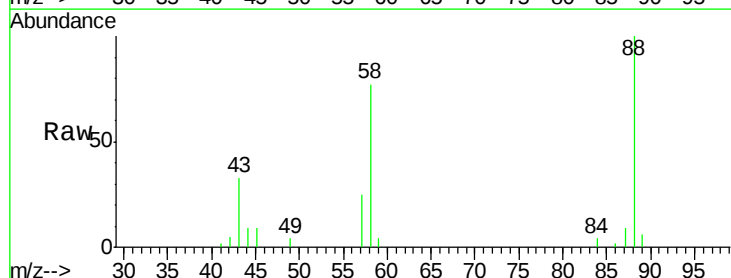
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



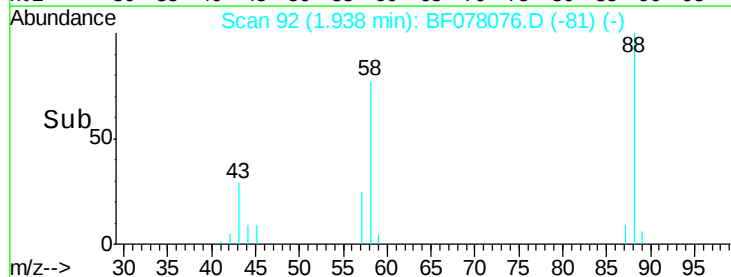
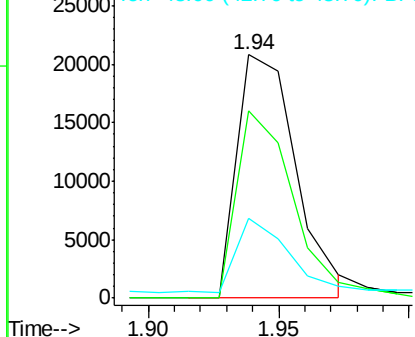
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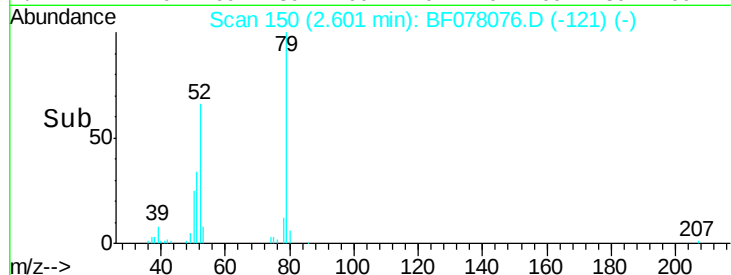
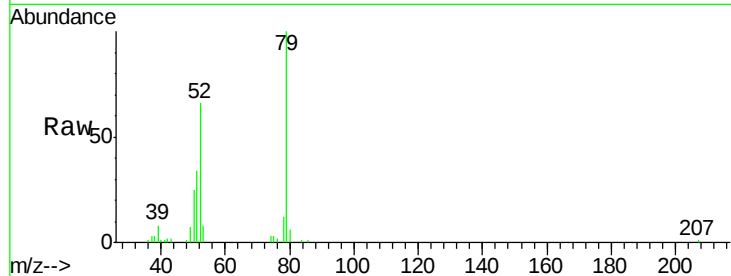
1,4-Dioxane
Concen: 33.56 ng
RT: 1.94 min Scan# 92
Delta R.T. 0.02 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	0.0	0.0#
43	26.4	0.0	0.0#



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





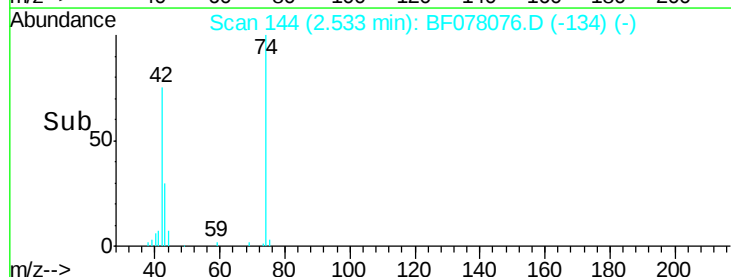
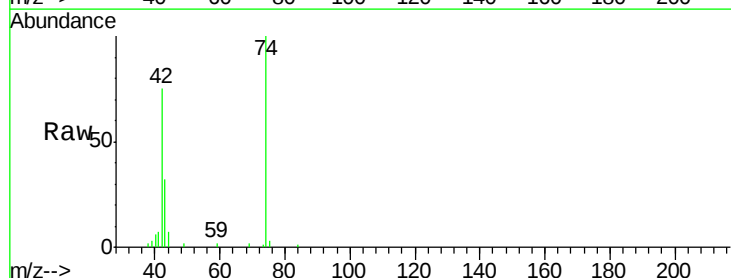
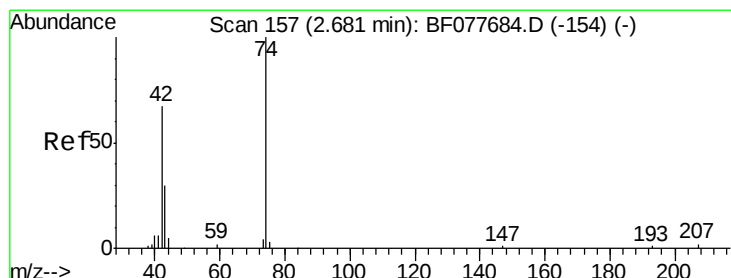
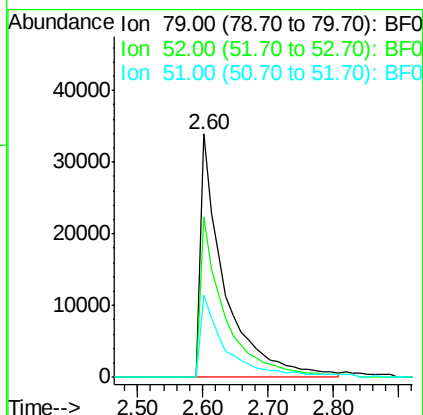
#3
Pvridine
Concen: 32.37 ng
RT: 2.60 min Scan# 150
Delta R.T. 0.03 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.8	51.1	76.7
51	34.0	26.1	39.1

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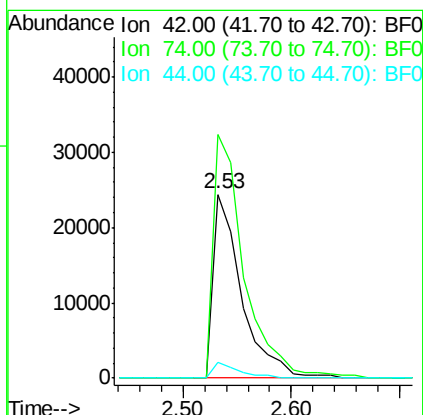
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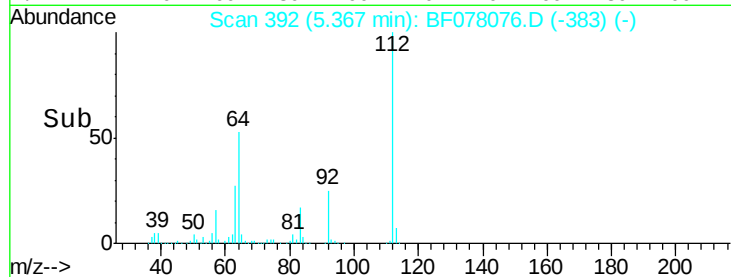
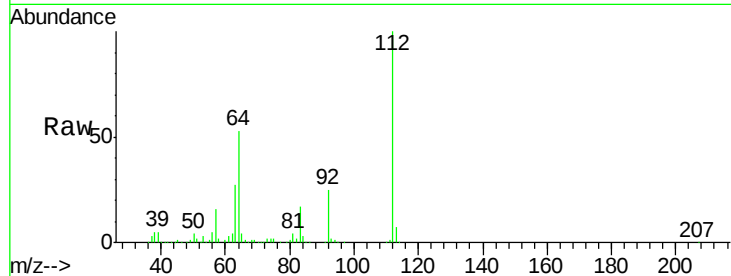
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#4
n-Nitrosodimethylamine
Concen: 38.76 ng m
RT: 2.53 min Scan# 144
Delta R.T. 0.01 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.7	119.3	178.9
44	8.6	5.4	8.2#





#5

2-Fluorophenol

Concen: 125.85 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Tot Ion	Ratio	Resp	Lower	Upper
112	100	273335		
64	52.6	38.6	57.8	
63	27.1	19.3	28.9	

Instrument :

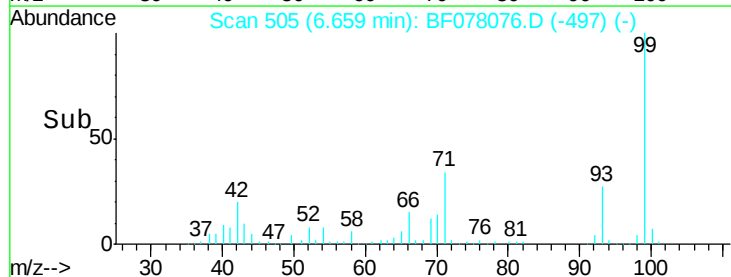
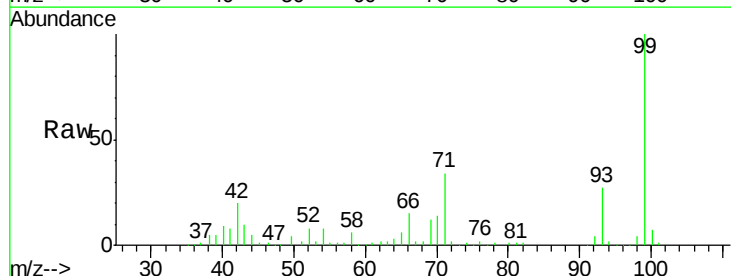
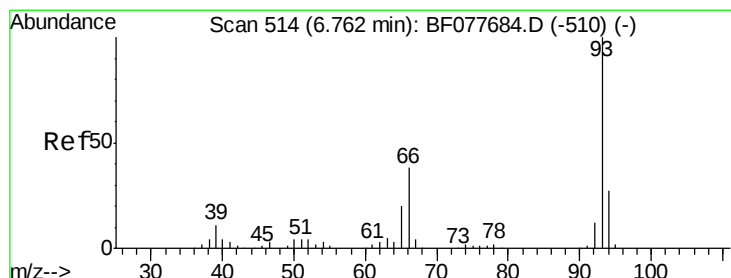
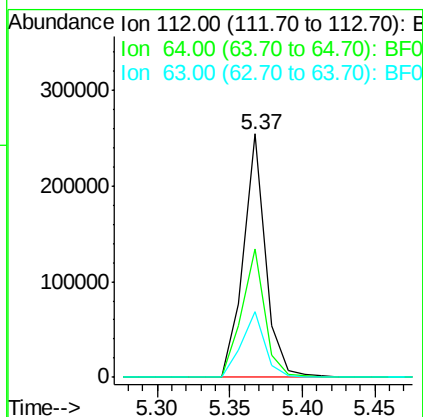
BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MS

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#6

Aniline

Concen: 20.53 ng

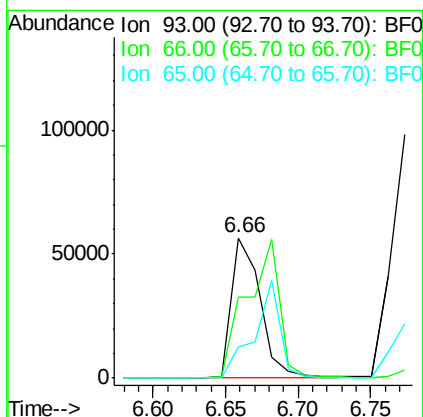
RT: 6.66 min Scan# 505

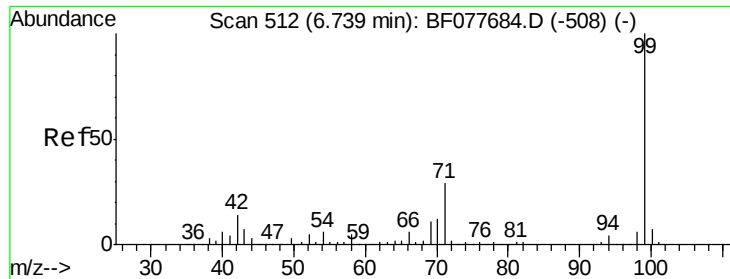
Delta R.T. -0.01 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	78806		
66	57.6	30.8	46.2	#
65	22.3	16.0	24.0	





#7

Phenol-d6

Concen: 131.31 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Instrument :

BNA_F

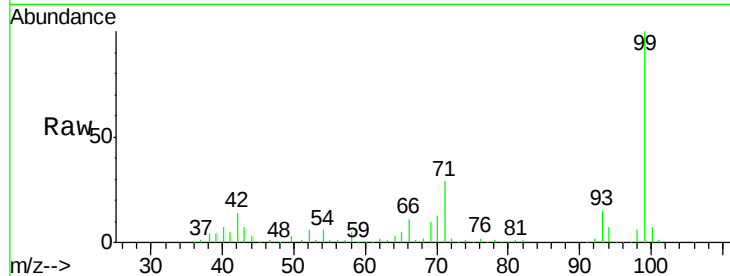
ClientSampleId :

REC-7-1-1(1.5-2.0)MS

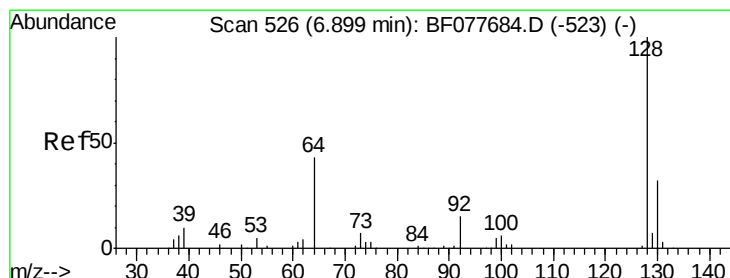
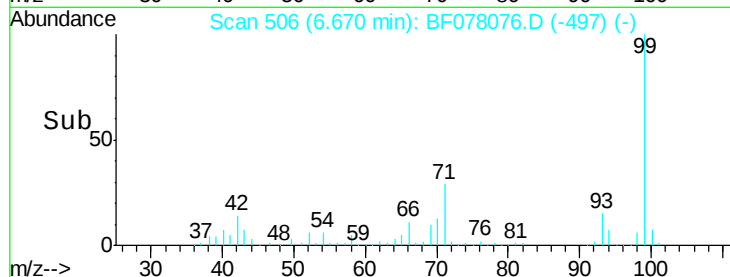
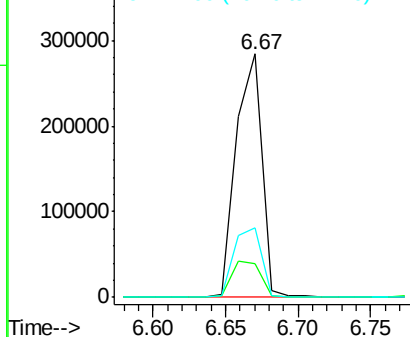
Tot Ion:	99	Resp:	352351
Ion Ratio	Lower	Upper	
99	100		
42	13.7	11.0	16.4
71	28.8	23.4	35.2

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



#8

2-Chlorophenol

Concen: 41.92 ng

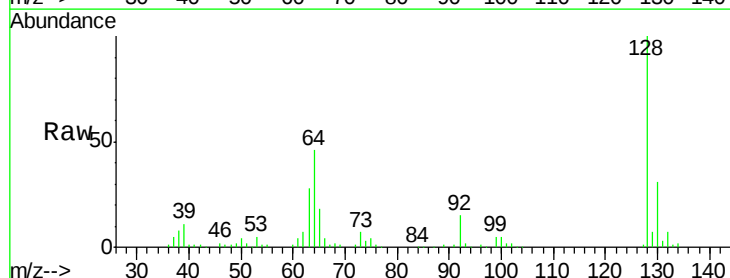
RT: 6.81 min Scan# 518

Delta R.T. -0.00 min

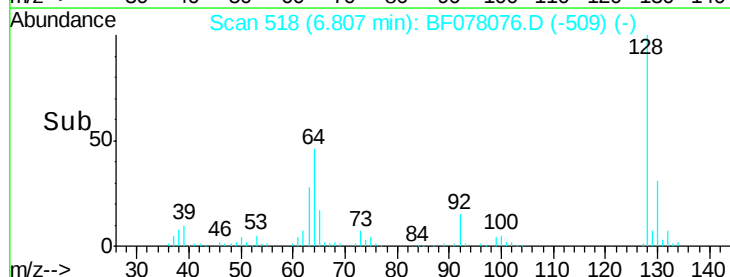
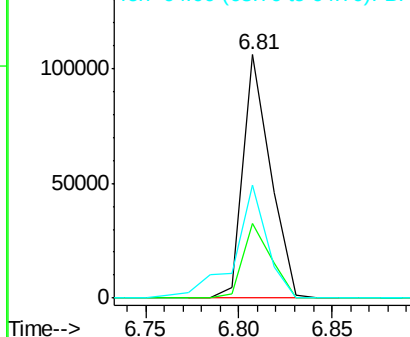
Lab File: BF078076.D

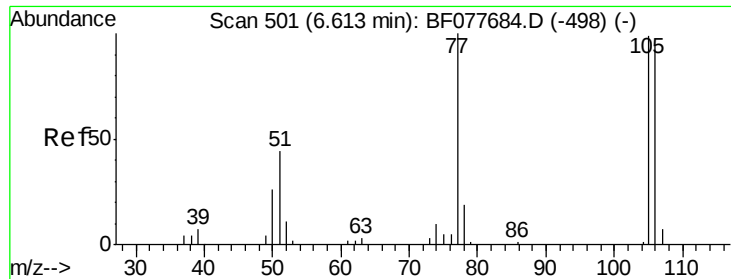
Acq: 28 Mar 2015 12:11

Tgt Ion:	128	Resp:	108382
Ion Ratio	Lower	Upper	
128	100		
130	30.8	12.0	52.0
64	46.3	24.9	64.9



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





#9

Benzaldehyde

Concen: 4.03 ng

RT: 6.52 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF078076.D

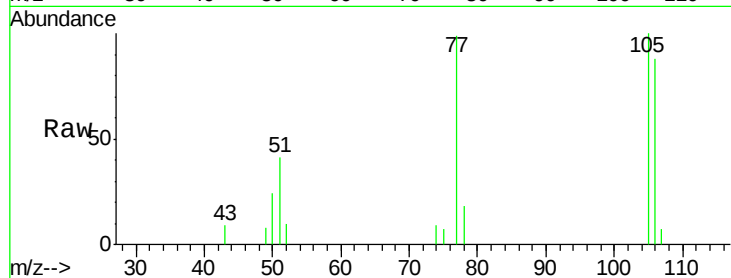
Acq: 28 Mar 2015 12:11

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MS



Tot Ion: 77 Resp: 4432

Ion Ratio Lower Upper

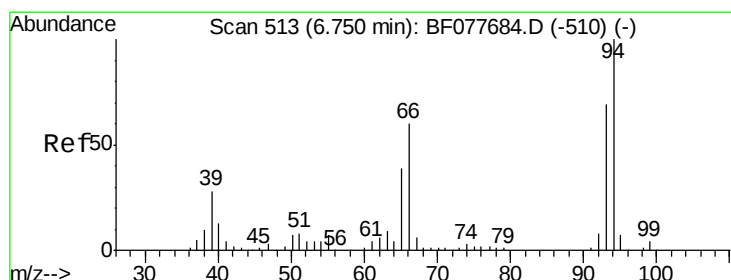
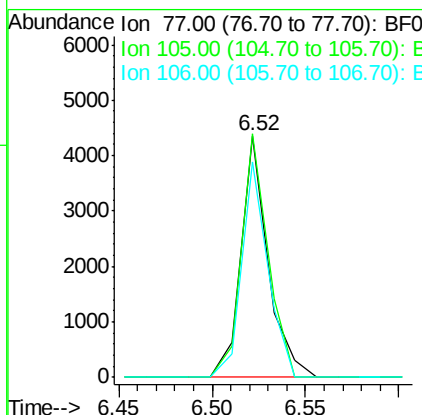
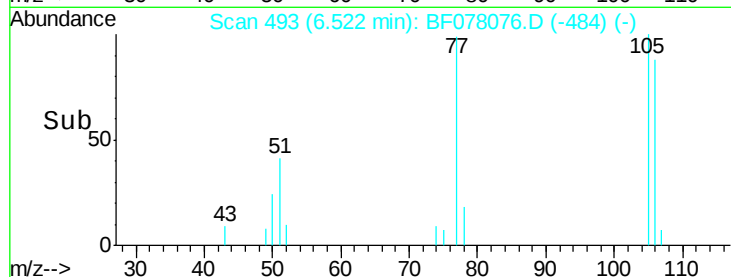
77 100

105 101.0 78.8 118.8

106 89.1 73.7 113.7

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#10

Phenol

Concen: 43.19 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

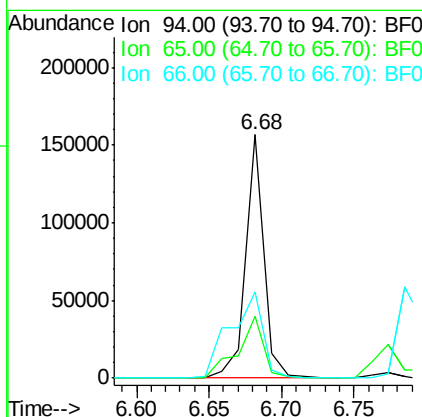
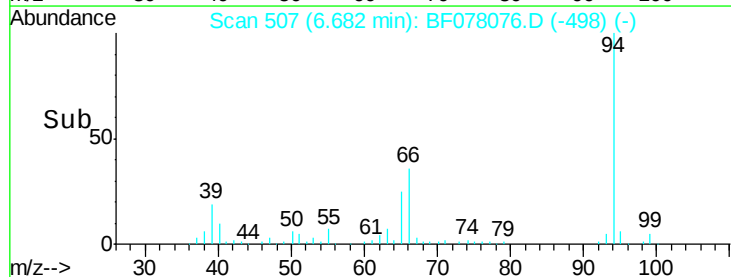
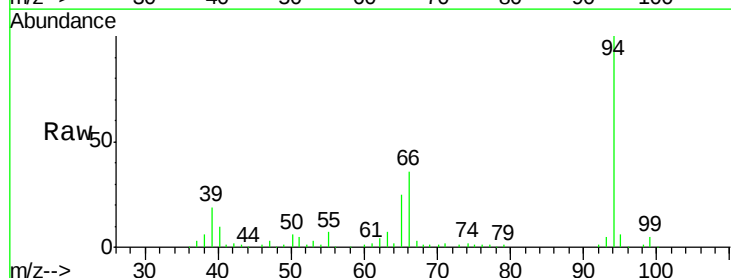
Tgt Ion: 94 Resp: 137000

Ion Ratio Lower Upper

94 100

65 25.2 18.8 58.8

66 35.5 39.9 79.9#





#11

bis(2-Chloroethyl)ether

Concen: 43.31 ng

RT: 6.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Instrument :

BNA_F

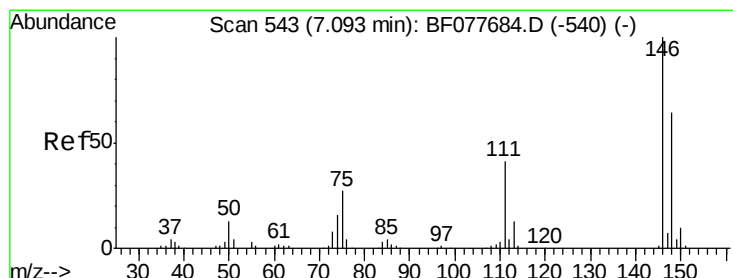
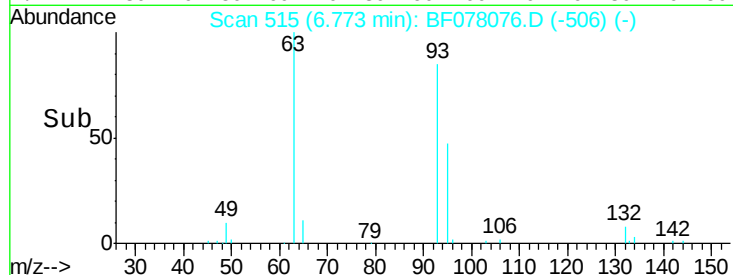
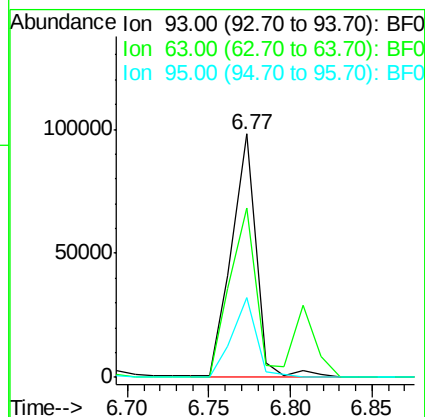
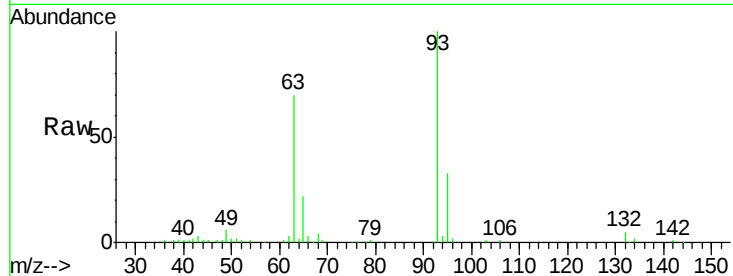
ClientSampleId :

REC-7-1-1(1.5-2.0)MS

Tot Ion:	93	Resp:	102892
Ion Ratio	Lower	Upper	
93	100		
63	69.6	49.5	89.5
95	32.6	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 38.90 ng

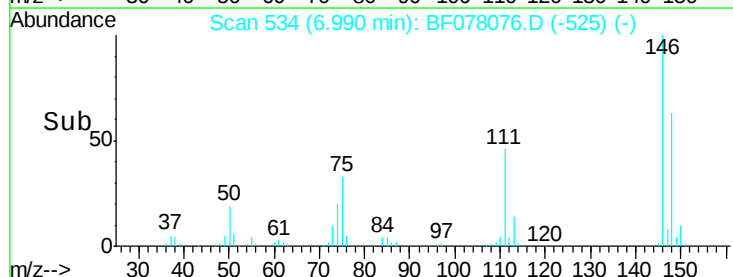
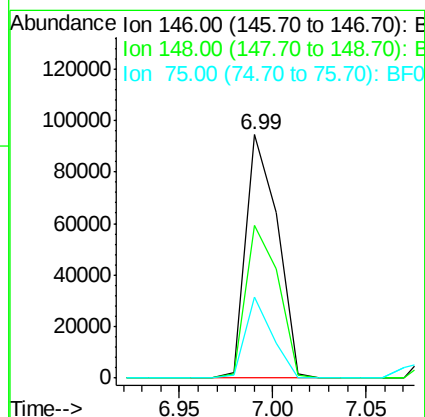
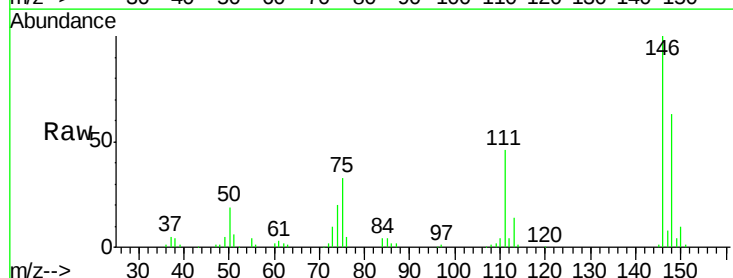
RT: 6.99 min Scan# 534

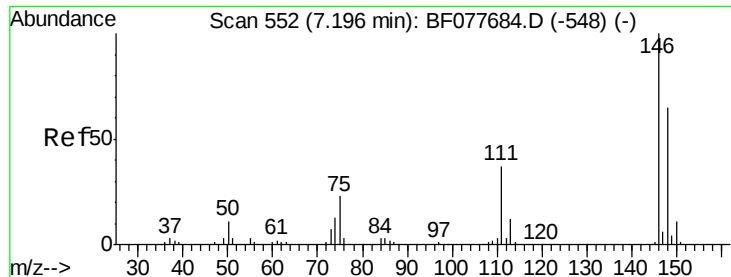
Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Tgt Ion:	146	Resp:	111843
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.9	76.3
75	33.2	21.4	32.2





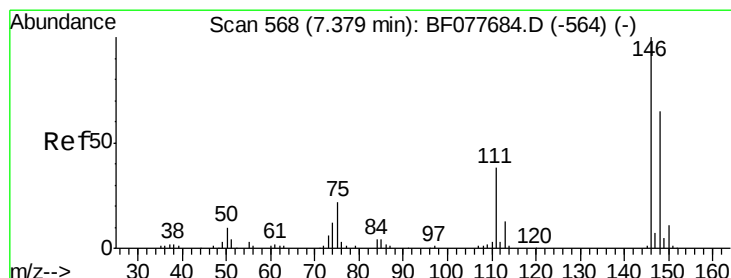
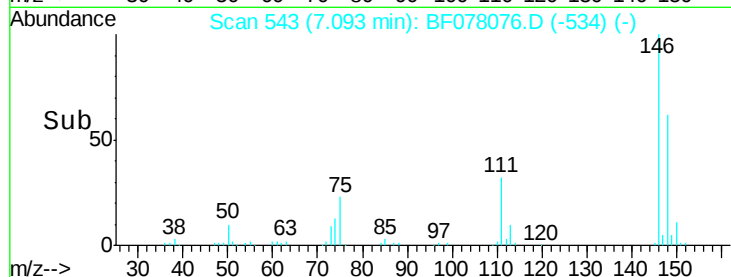
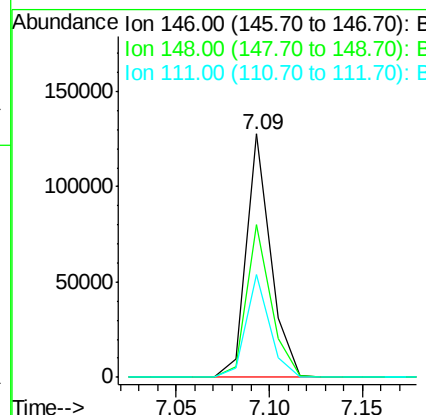
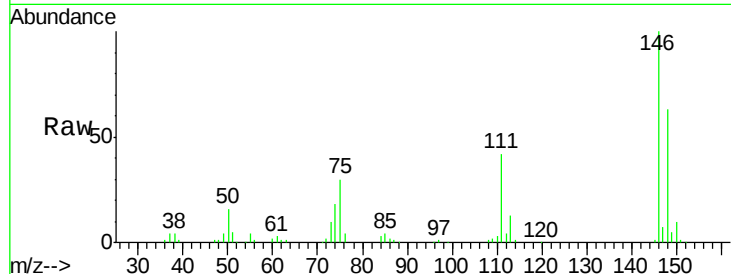
#13
 1,4-Dichlorobenzene
 Concen: 38.82 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.9	77.9
111	42.0	29.2	43.8

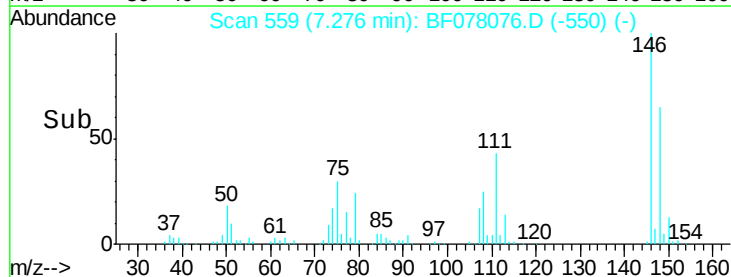
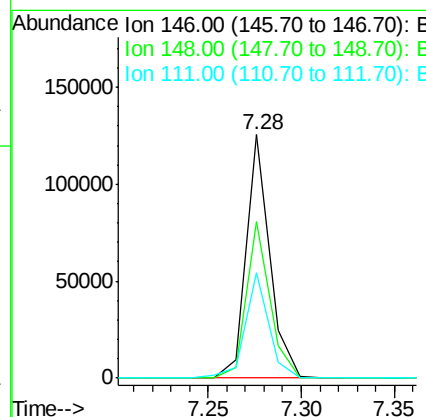
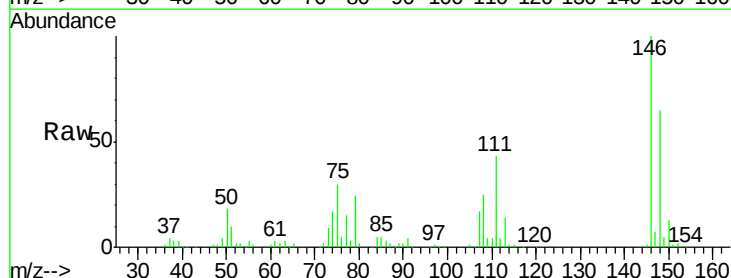
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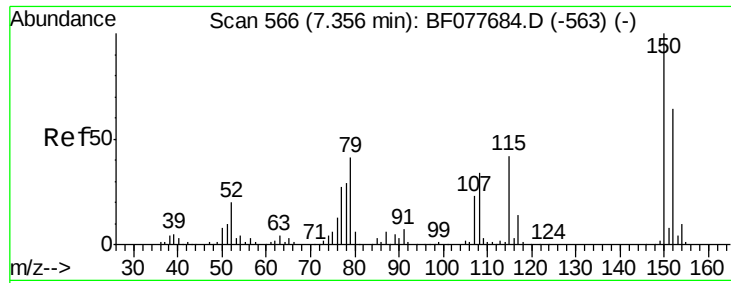
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#14
 1,2-Dichlorobenzene
 Concen: 40.00 ng
 RT: 7.28 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.3	78.5
111	43.3	30.6	45.8





#15

Benzyl Alcohol

Concen: 38.66 ng

RT: 7.26 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Instrument :

BNA_F

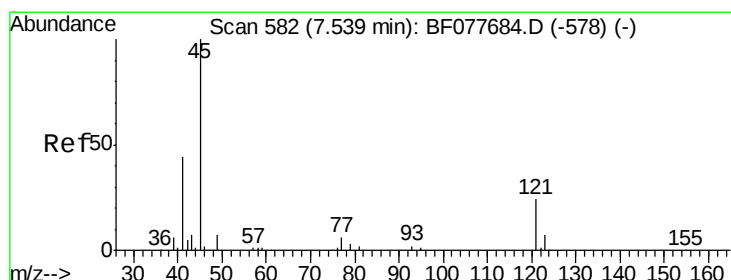
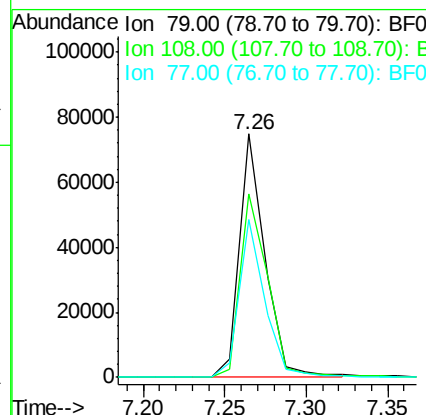
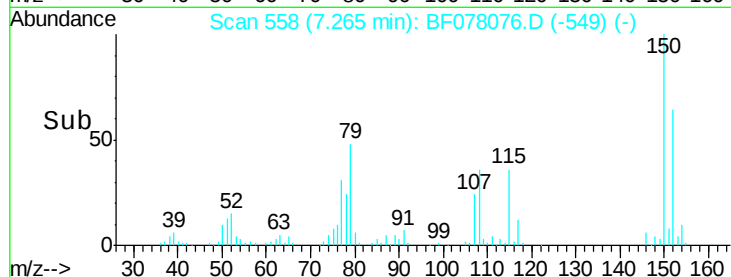
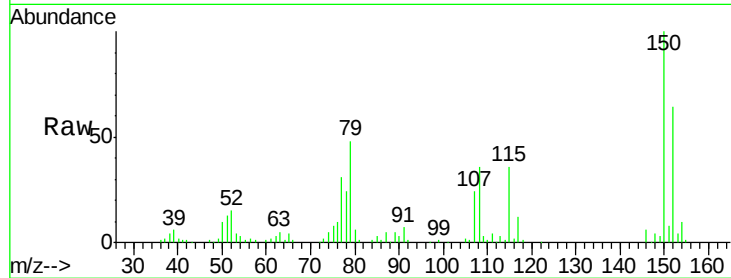
ClientSampleId :

REC-7-1-1(1.5-2.0)MS

Tot Ion:	79	Resp:	80970
Ion Ratio	Lower	Upper	
79	100		
108	75.5	65.0	97.4
77	65.0	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.75 ng

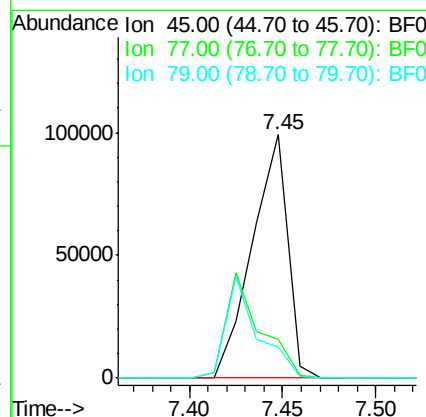
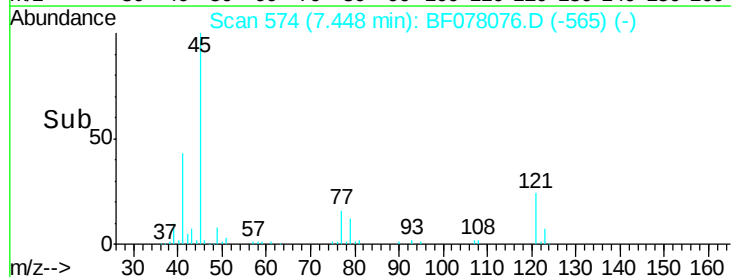
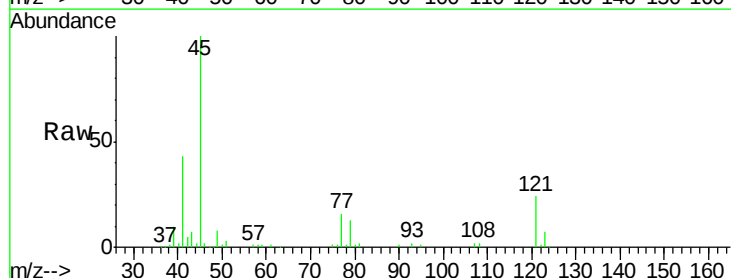
RT: 7.45 min Scan# 574

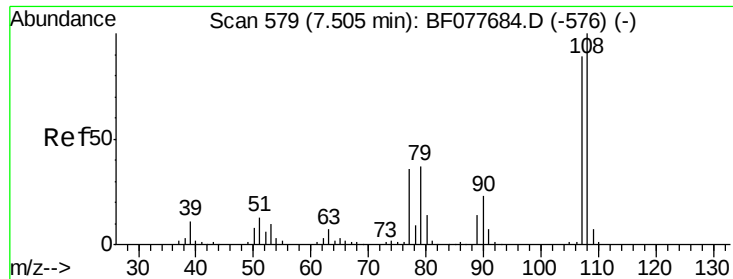
Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Tgt Ion:	45	Resp:	130482
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	35.2
79	12.6	0.0	32.0





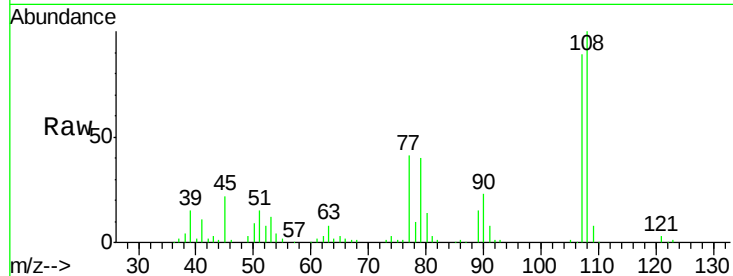
#17
2-Methylphenol
Concen: 40.65 ng
RT: 7.42 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

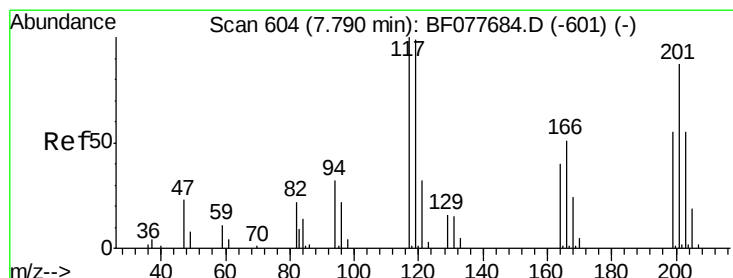
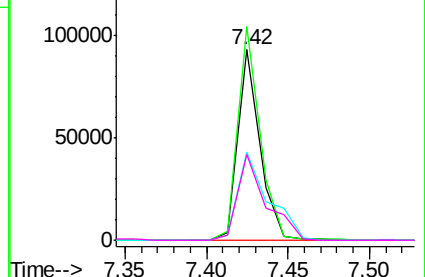
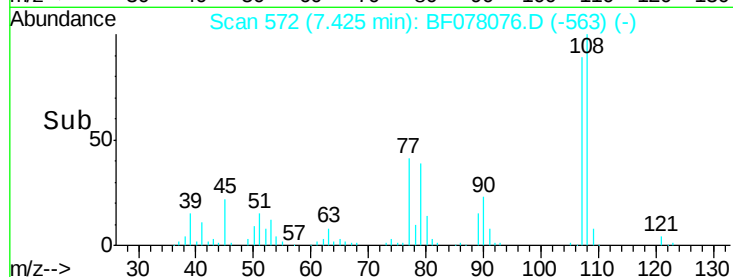
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	112.1	89.8	134.8		
77	46.3	32.6	48.8		
79	44.7	32.8	49.2		

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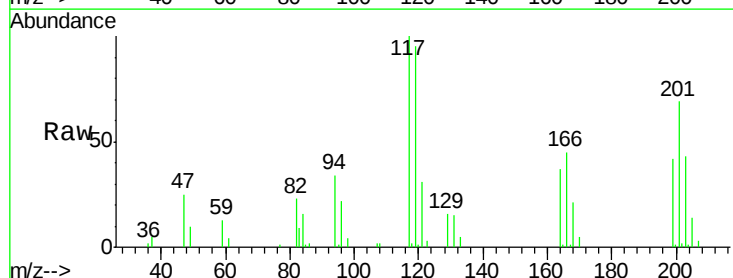


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

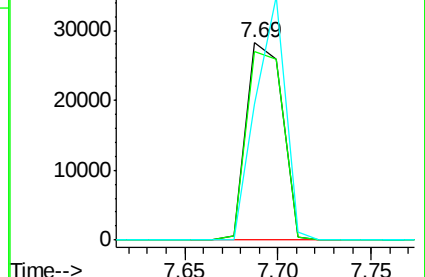
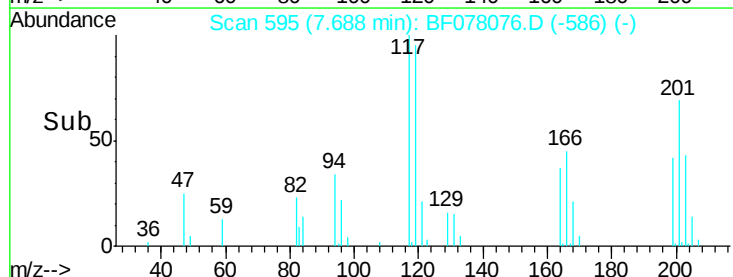


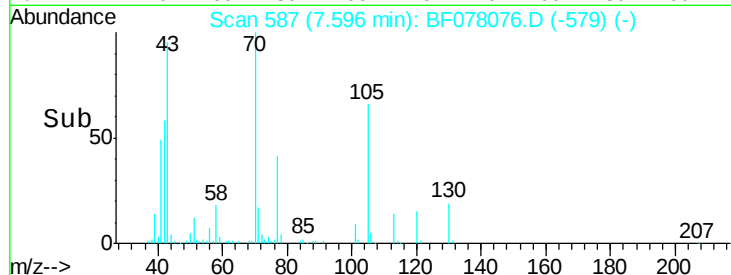
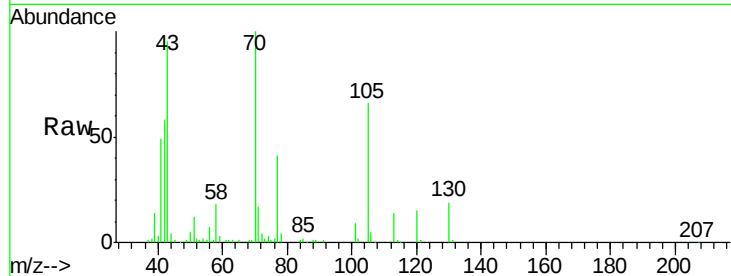
#18
Hexachloroethane
Concen: 38.64 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.2	79.2	118.8		
201	68.8	69.8	104.6#		



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





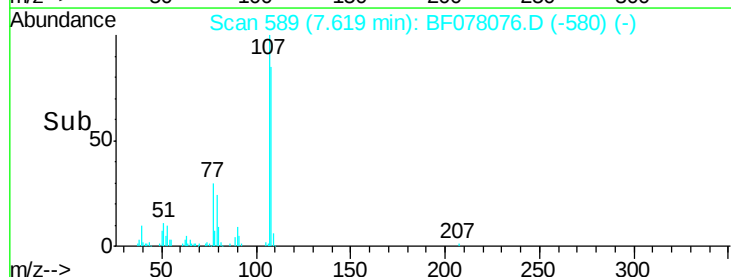
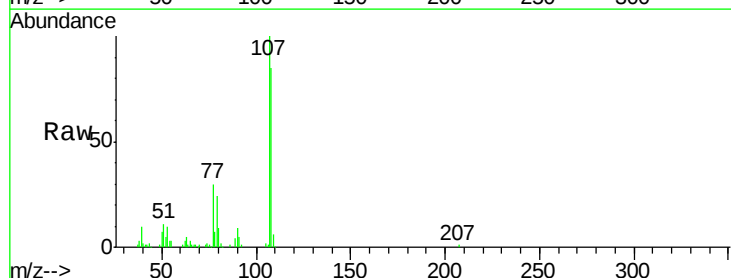
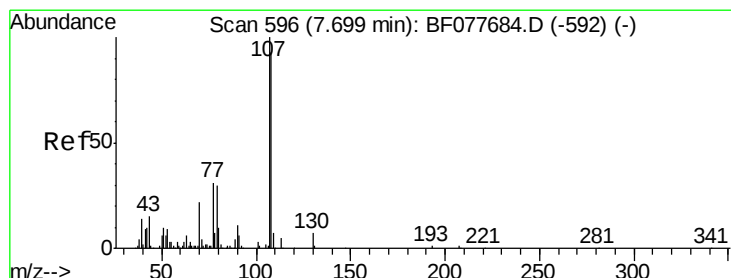
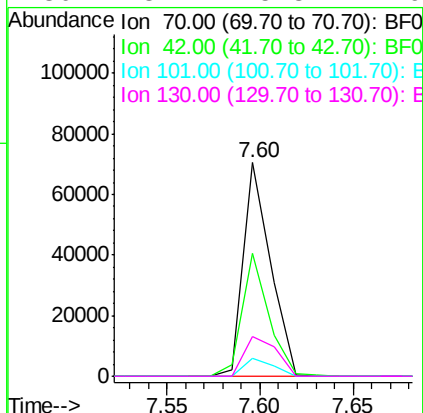
#19
n-Nitroso-di-n-propylamine
Concen: 38.46 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

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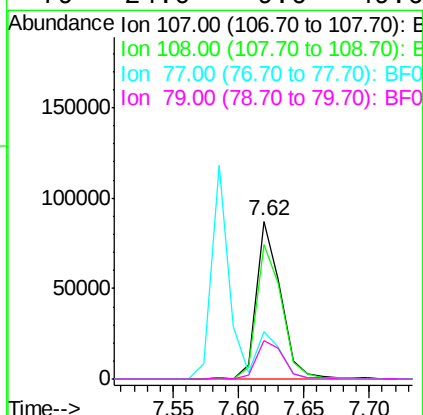
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Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	44.5	66.7	
101	8.5	7.4	11.2	
130	18.7	15.3	22.9	



#20
3+4-Methylphenols
Concen: 41.22 ng
RT: 7.62 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.9	73.2	113.2	
77	30.3	10.7	50.7	
79	24.0	9.6	49.6	





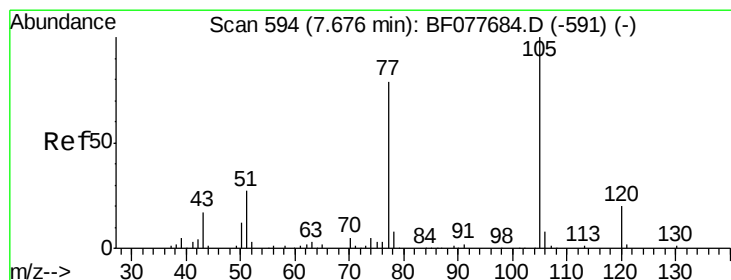
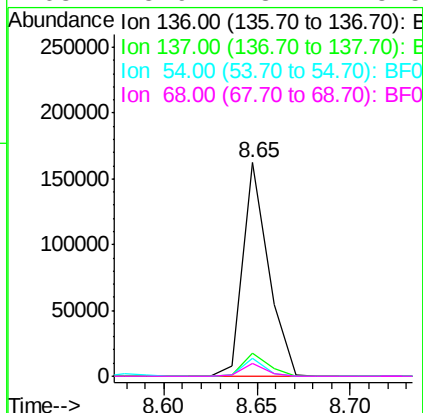
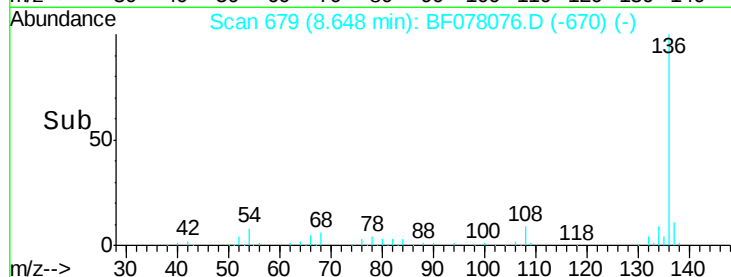
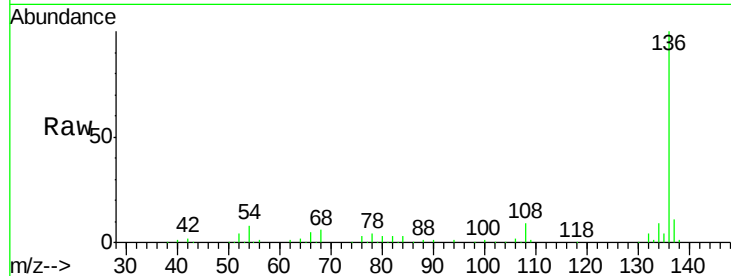
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	154574		
137	11.1	8.7	13.1	
54	8.2	4.6	6.8	
68	5.9	3.7	5.5	

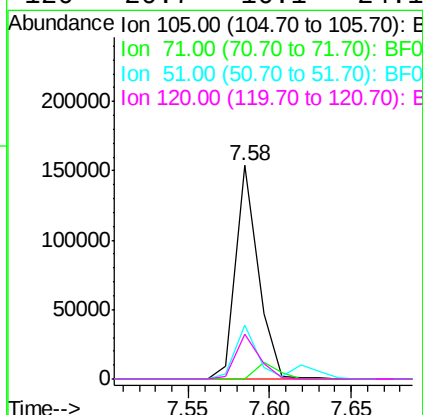
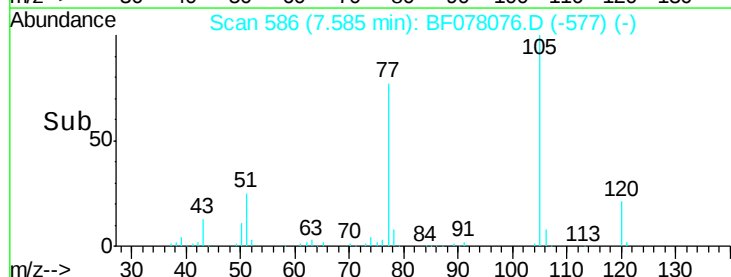
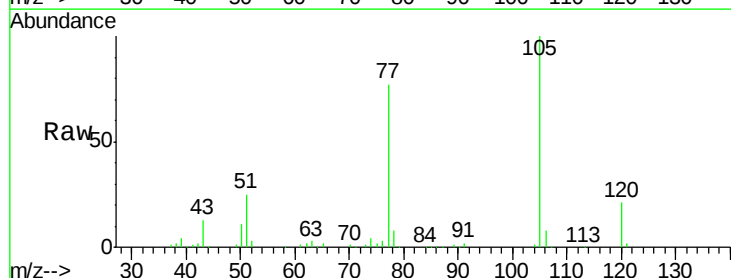
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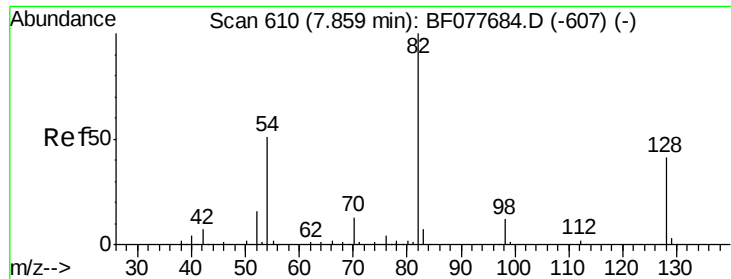
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#22
Acetophenone
Concen: 42.91 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	146831		
71	0.3	0.6	1.0	
51	25.3	21.6	32.4	
120	20.7	16.1	24.1	





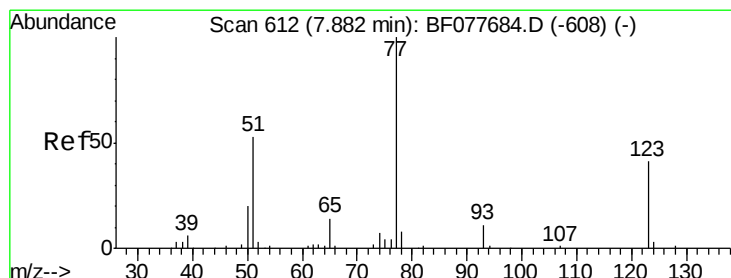
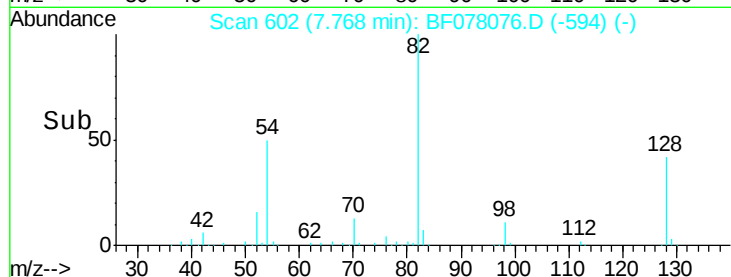
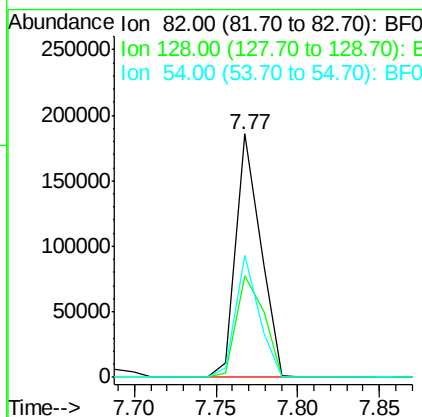
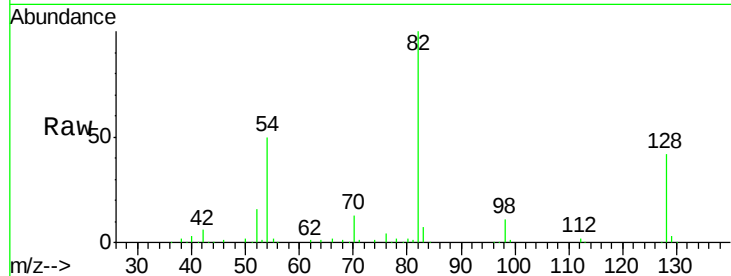
#23
Nitrobenzene-d5
Concen: 82.52 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	194587		
128	41.6	32.8	49.2	
54	50.1	40.6	60.8	

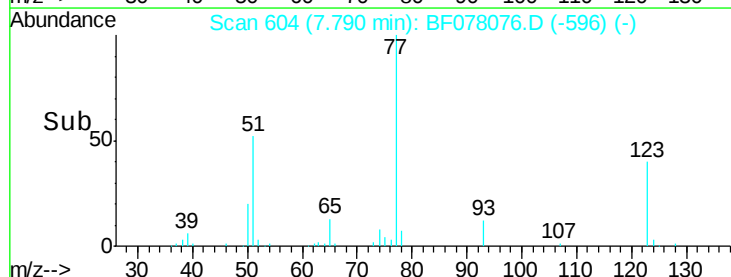
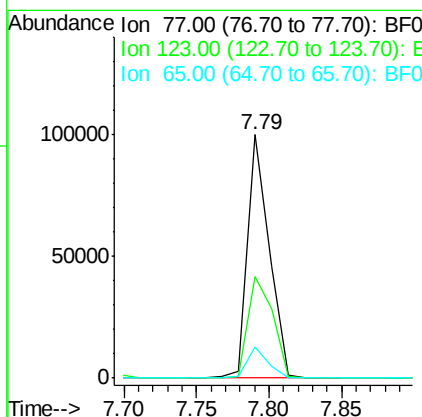
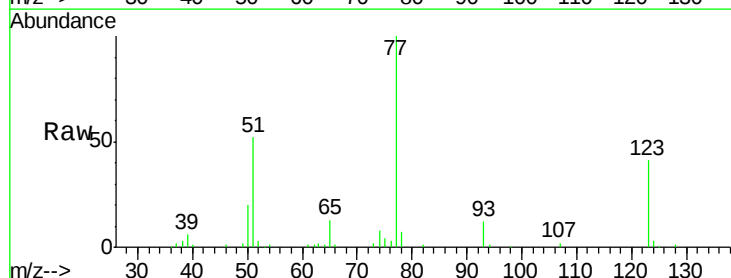
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#24
Nitrobenzene
Concen: 40.73 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	103466		
123	41.5	32.6	49.0	
65	13.0	10.9	16.3	





#25

Isophorone

Concen: 40.41 ng

RT: 8.10 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Instrument :

BNA_F

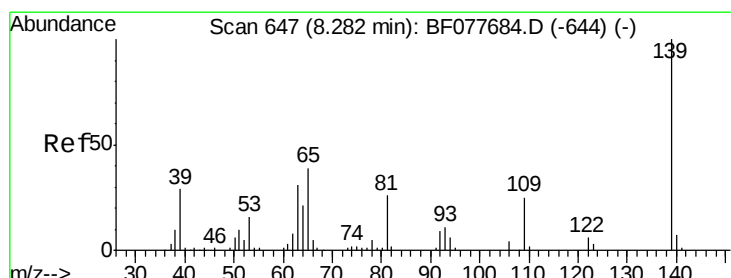
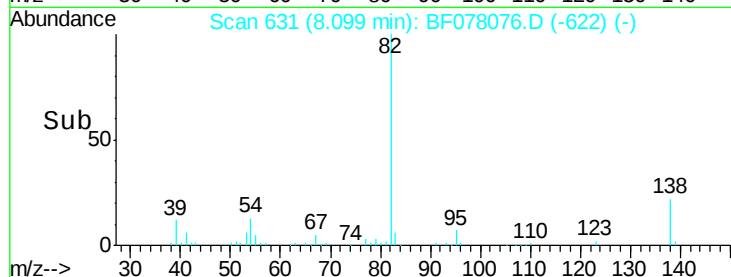
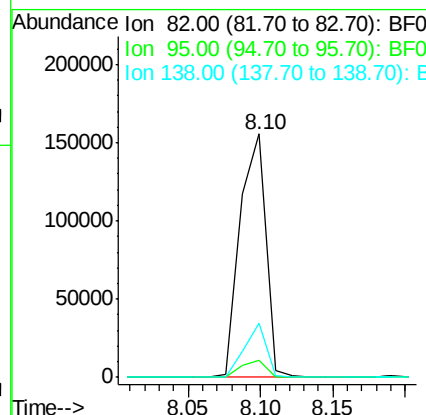
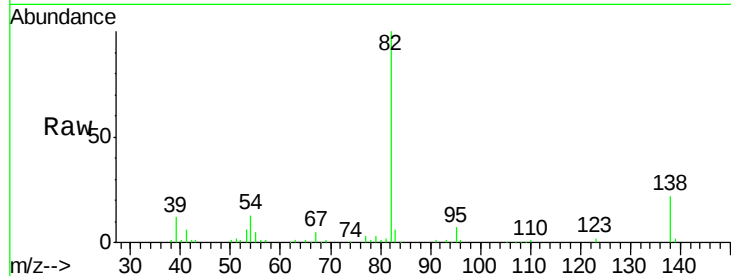
ClientSampleId :

REC-7-1-1(1.5-2.0)MS

Tot Ion:	82	Resp:	192419
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.8	8.6
138	22.0	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.28 ng

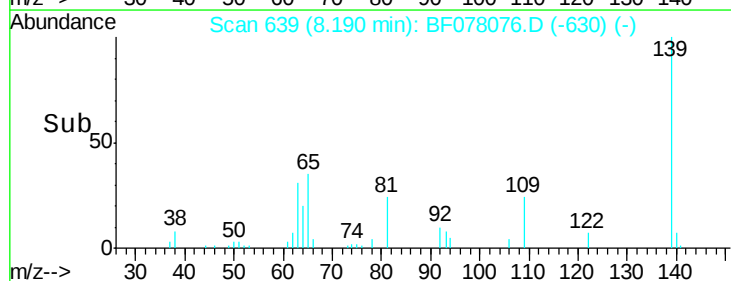
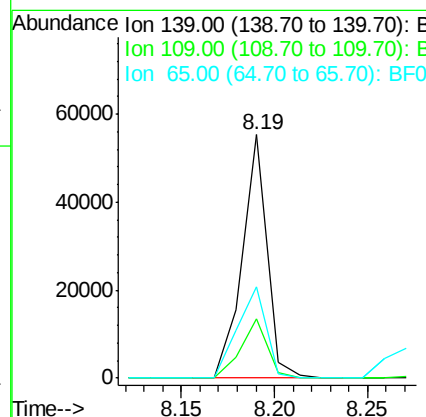
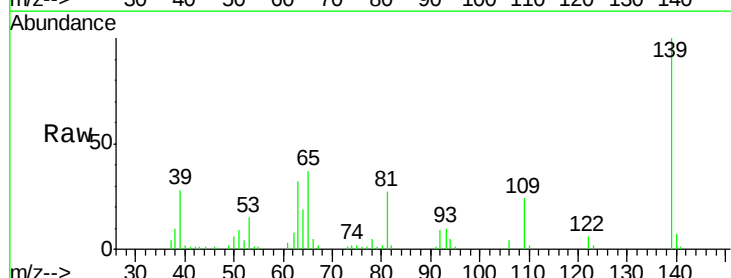
RT: 8.19 min Scan# 639

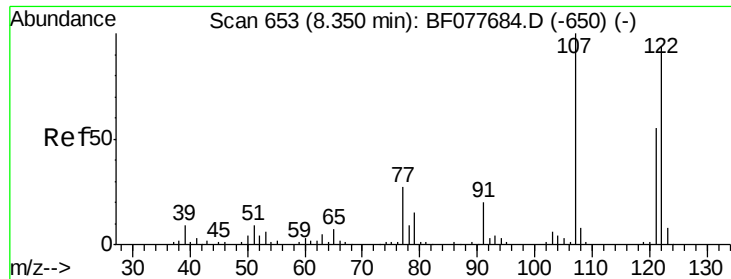
Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Tgt Ion:	139	Resp:	51340
Ion Ratio	Lower	Upper	
139	100		
109	24.2	20.1	30.1
65	37.4	31.5	47.3





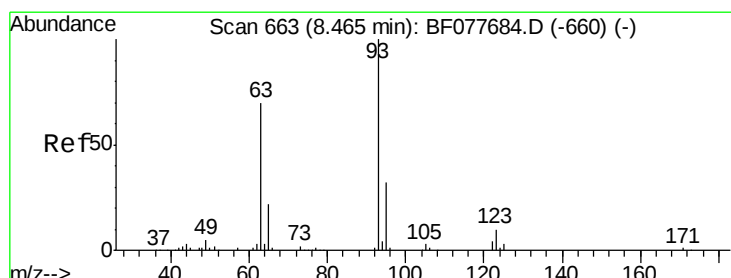
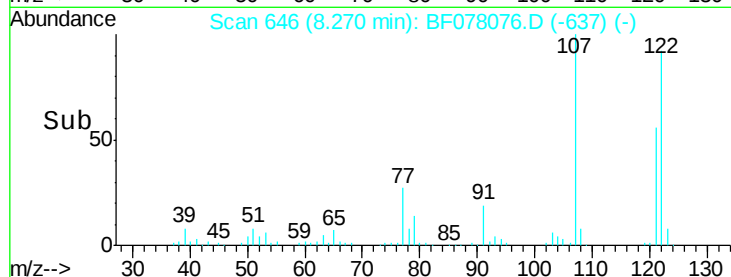
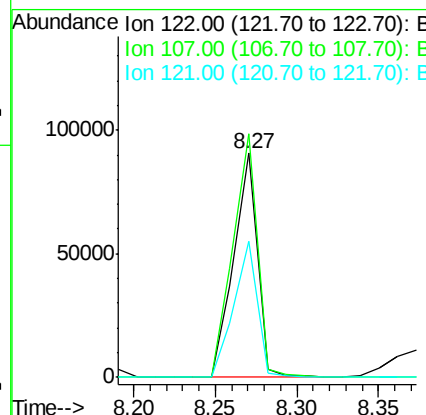
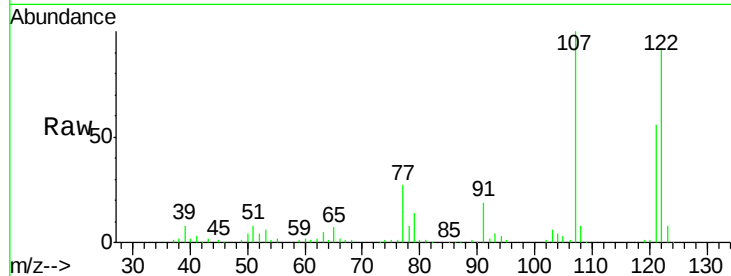
#27
 2,4-Dimethylphenol
 Concen: 40.16 ng
 RT: 8.27 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.7	84.7	127.1
121	60.9	46.6	69.8

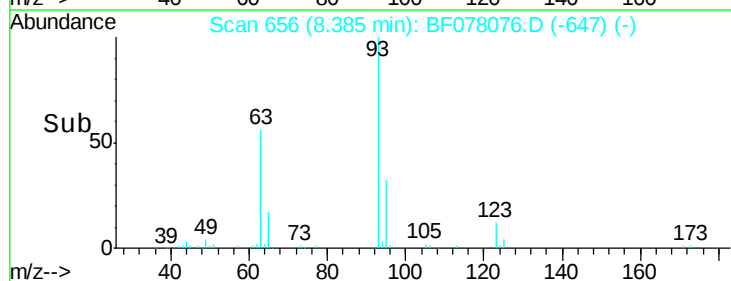
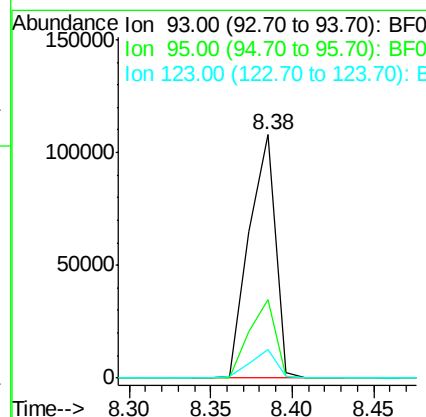
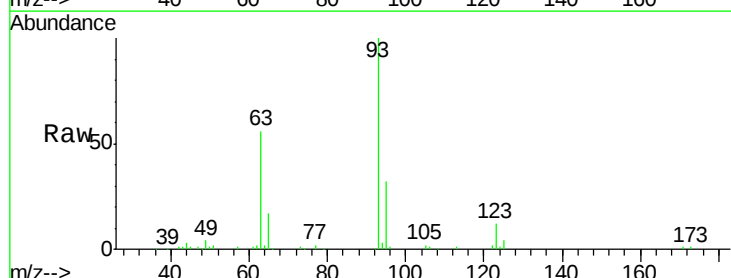
Manual Integrations
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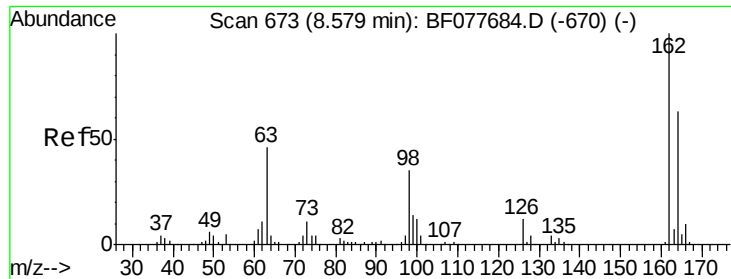
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.79 ng
 RT: 8.38 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	12.0	8.6	13.0





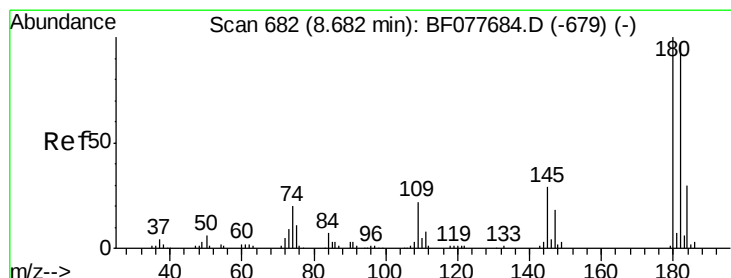
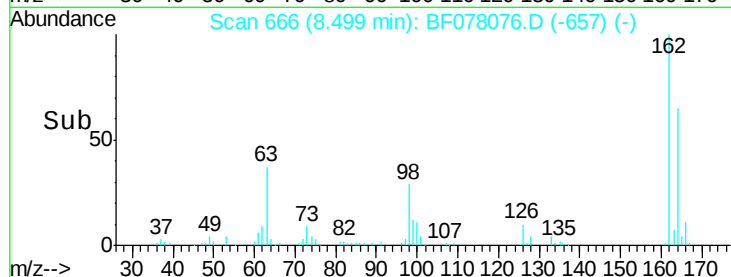
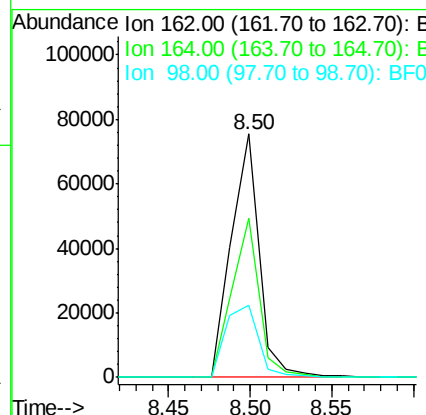
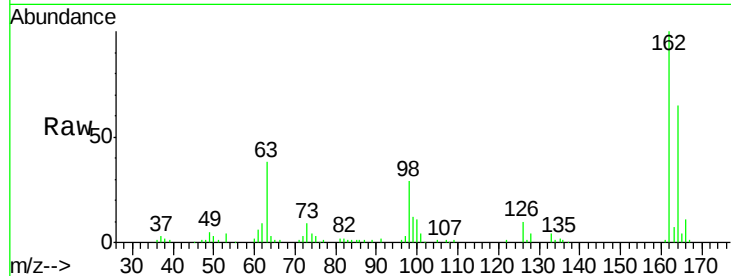
#29
 2,4-Dichlorophenol
 Concen: 41.19 ng
 RT: 8.50 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.8	82.8
98	29.5	14.5	54.5

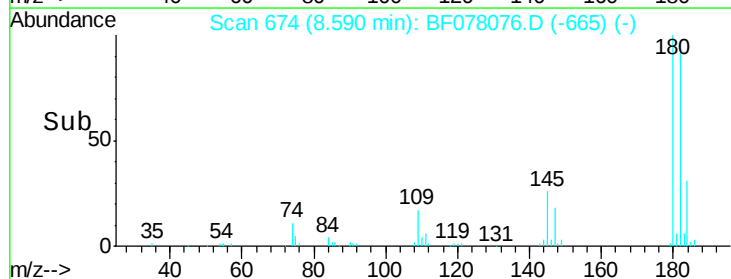
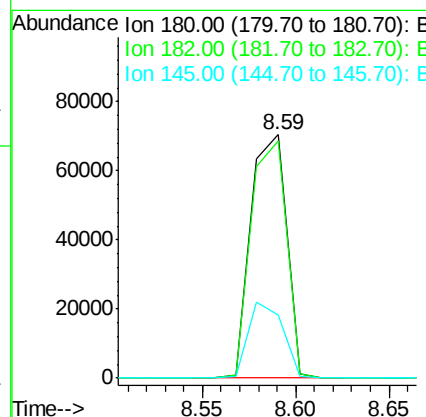
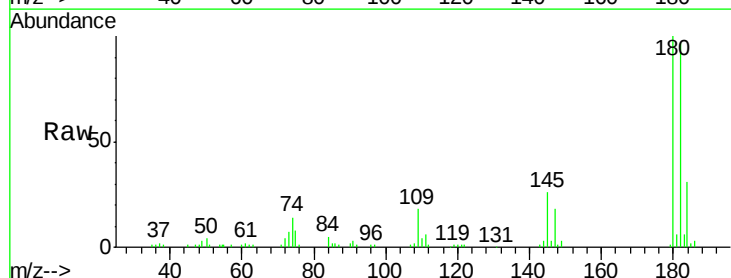
Manual Integrations
 APPROVED

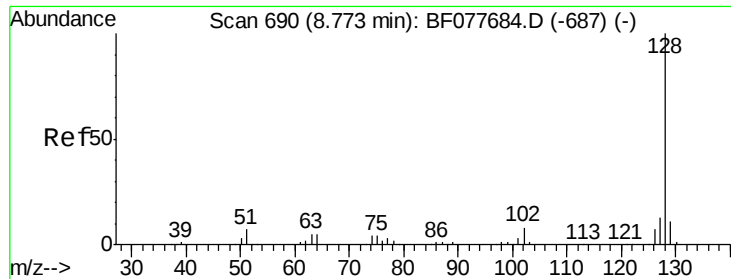
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.60 ng
 RT: 8.59 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.6	116.4
145	26.0	23.4	35.2





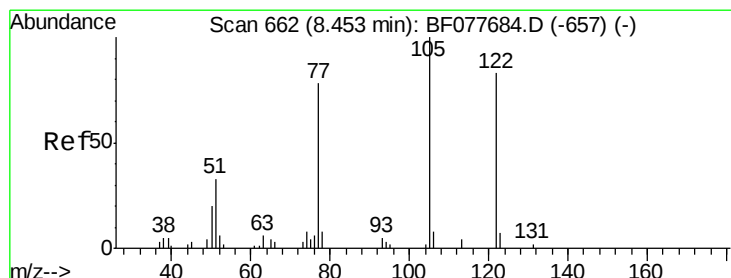
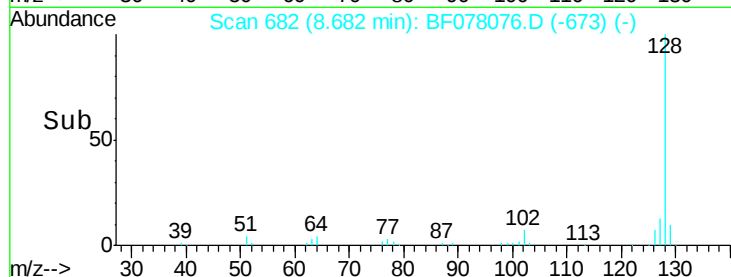
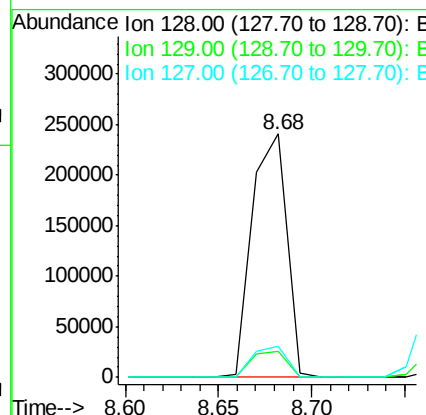
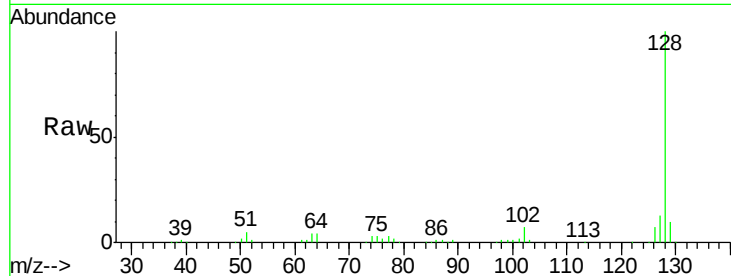
#31
Naphthalene
Concen: 38.97 ng
RT: 8.68 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.9	13.3
127	12.7	10.4	15.6

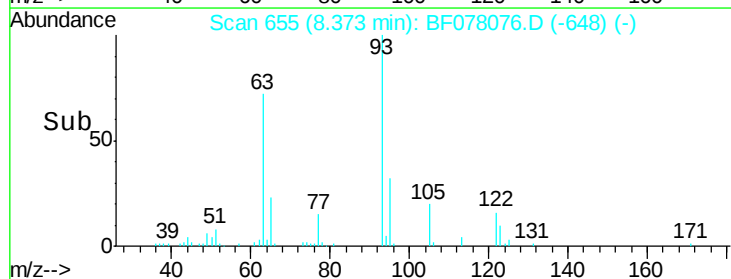
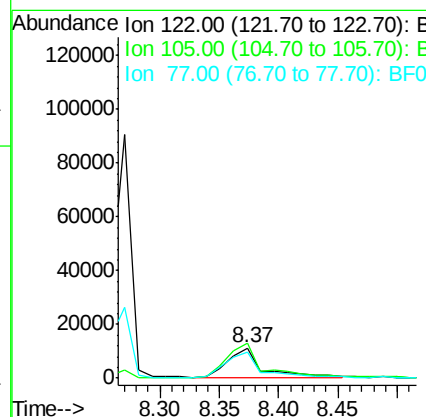
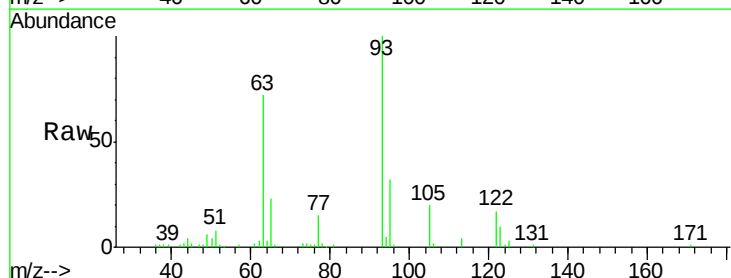
Manual Integrations
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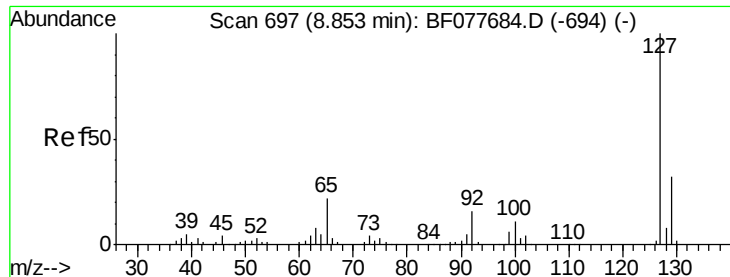
apatel
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#32
Benzoic acid
Concen: 20.70 ng
RT: 8.37 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.3	99.9	139.9
77	88.5	73.7	113.7





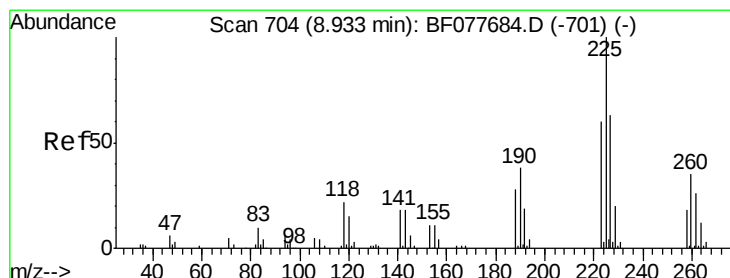
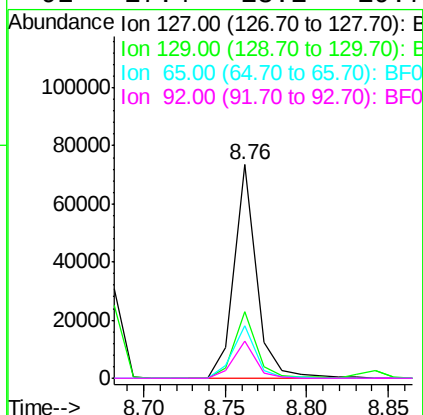
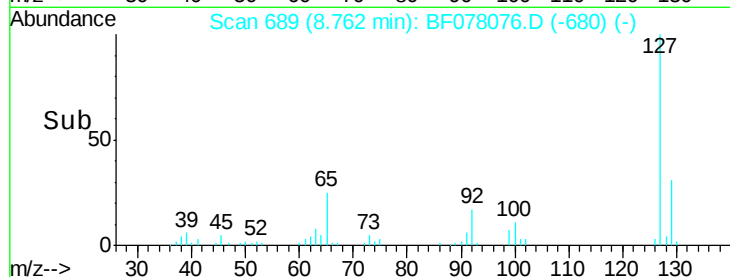
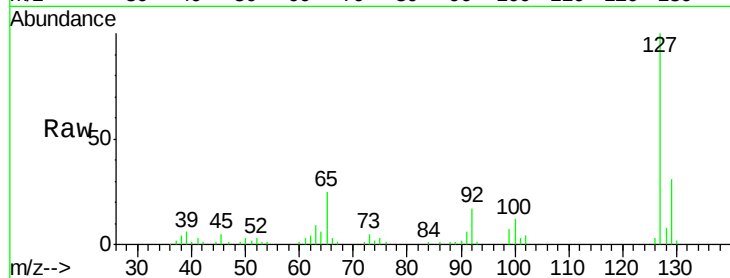
#33
4-Chloroaniline
Concen: 21.67 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.3	37.9		
65	24.7	17.6	26.4		
92	17.4	13.1	19.7		

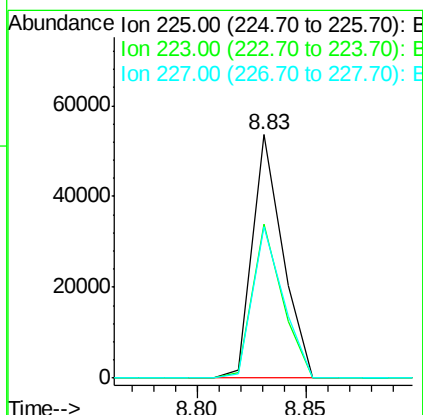
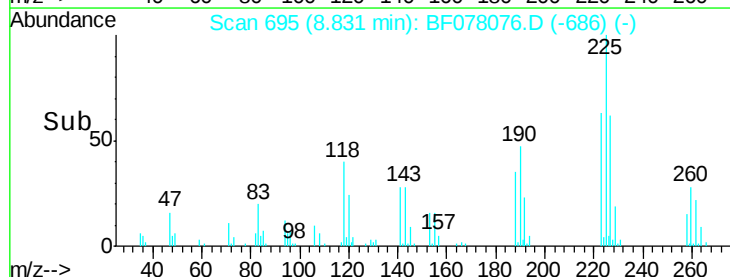
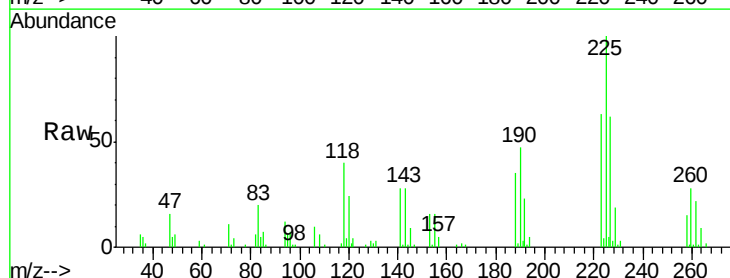
Manual Integrations
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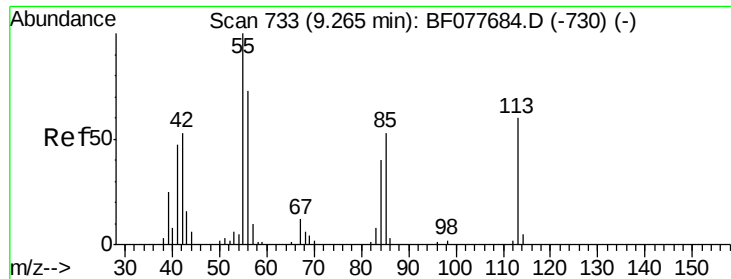
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#34
Hexachlorobutadiene
Concen: 37.93 ng
RT: 8.83 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	47.9	71.9		
227	62.2	50.1	75.1		





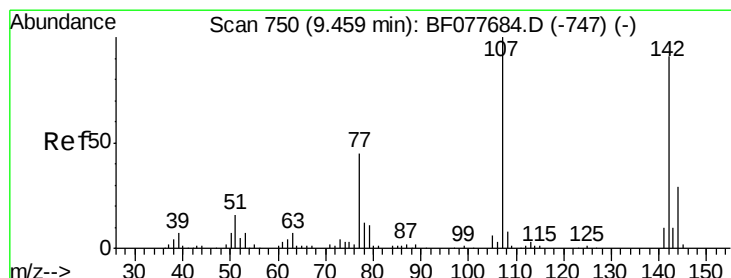
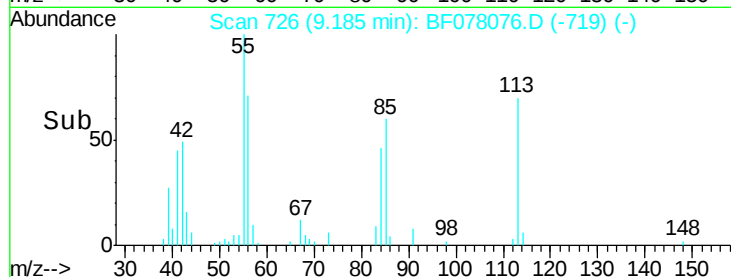
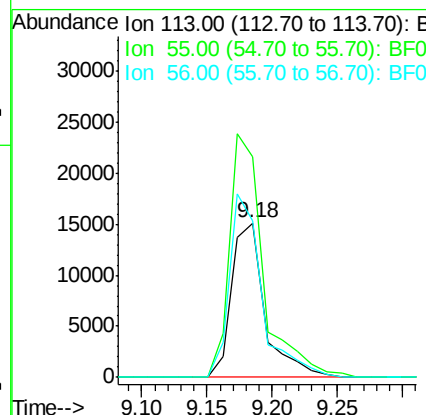
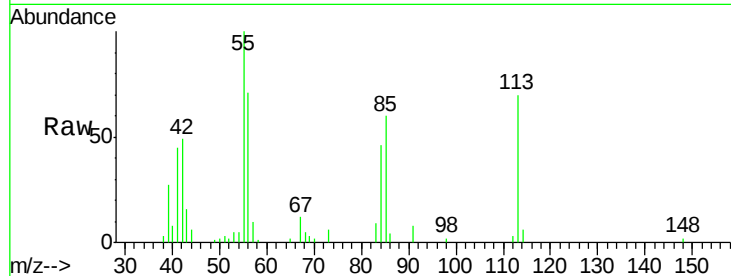
#35
 Caprolactam
 Concen: 42.48 ng
 RT: 9.18 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.4	145.9	185.9#
56	101.6	101.0	141.0

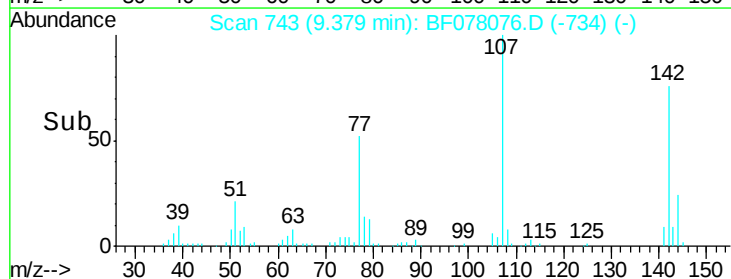
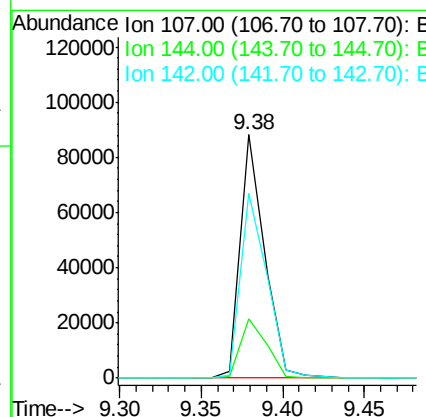
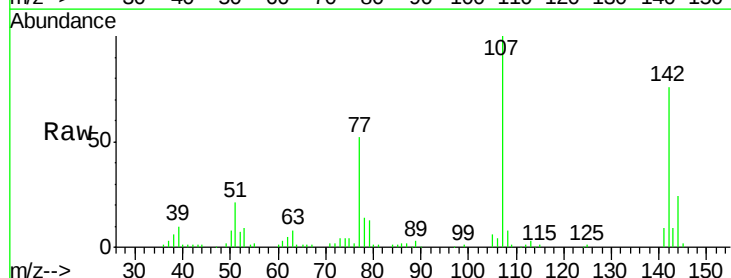
Manual Integrations
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#36
 4-Chloro-3-methylphenol
 Concen: 41.79 ng
 RT: 9.38 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	23.3	34.9
142	75.9	72.6	109.0





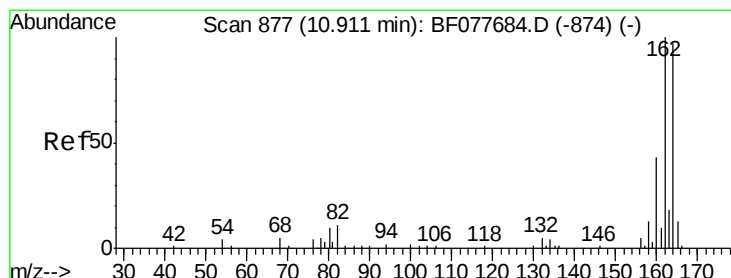
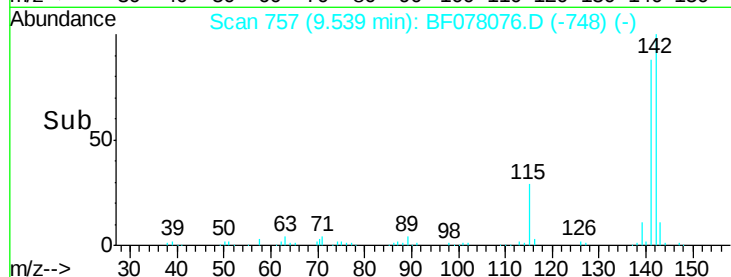
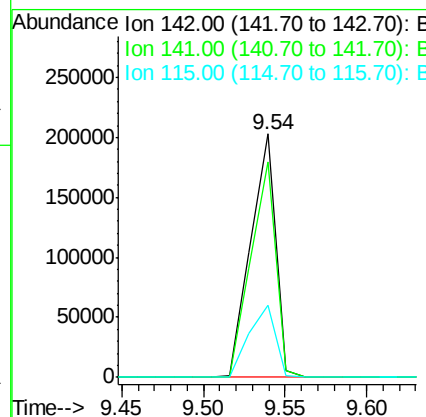
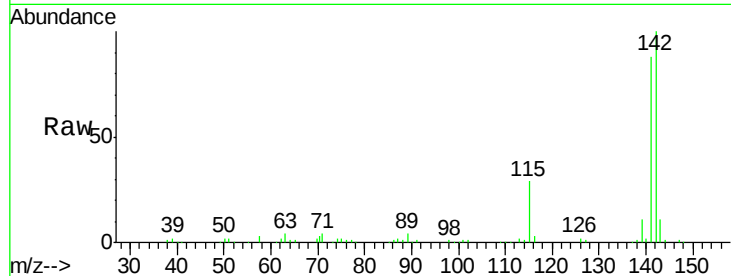
#37
2-Methylnaphthalene
Concen: 40.50 ng
RT: 9.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
115	29.4	25.4	38.0

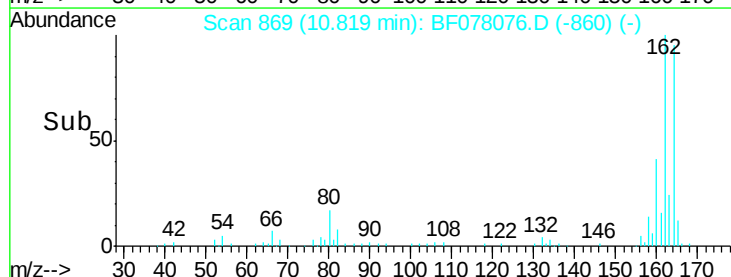
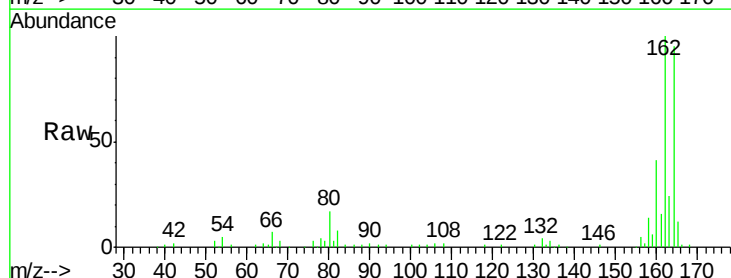
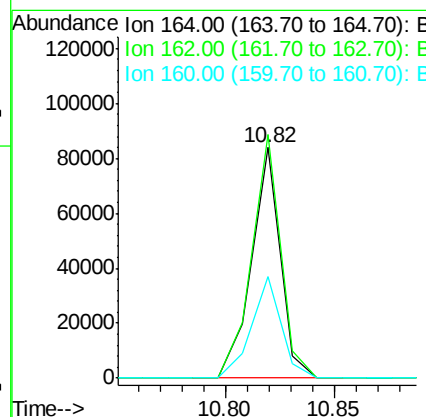
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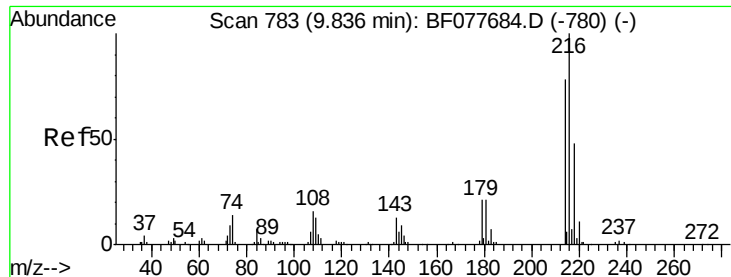
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.4	123.6
160	43.8	35.8	53.6





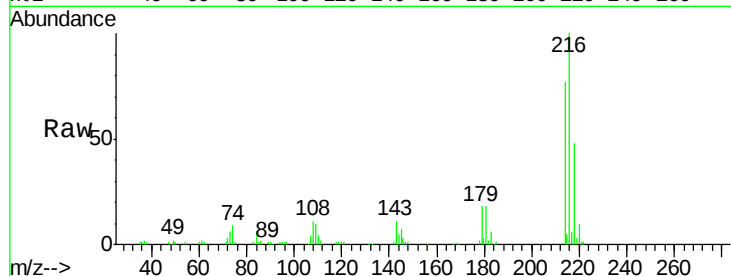
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.88 ng
 RT: 9.74 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

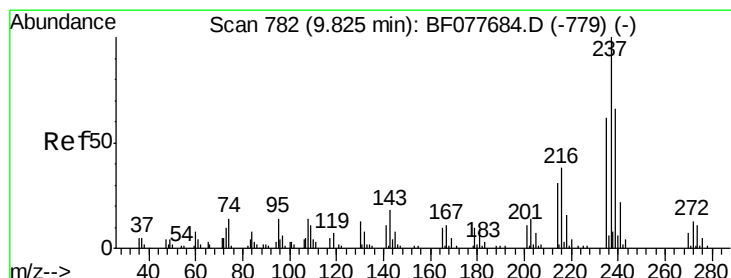
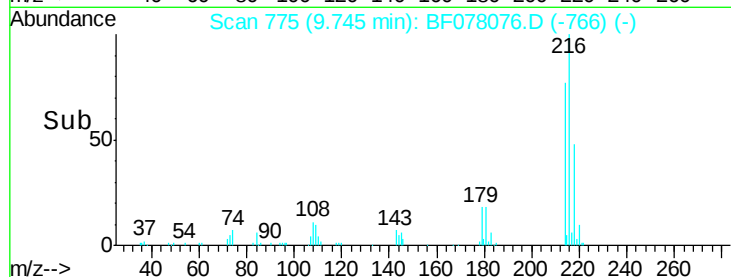
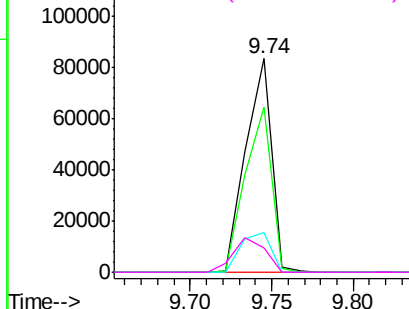
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.3	0.0	0.0		
179	21.1	0.0	0.0		
108	19.8	0.0	0.0		

Manual Integrations
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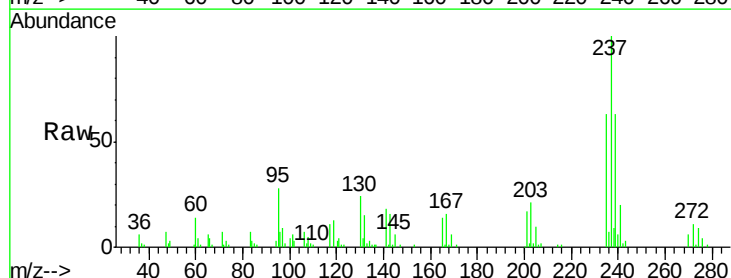


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

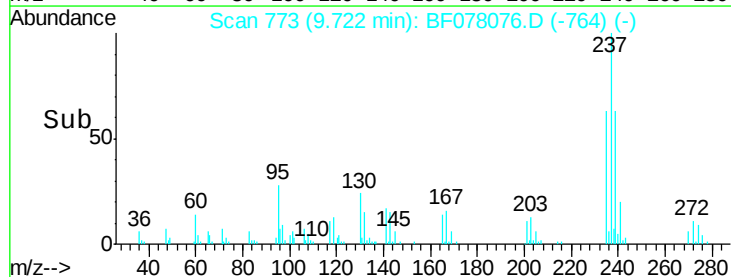
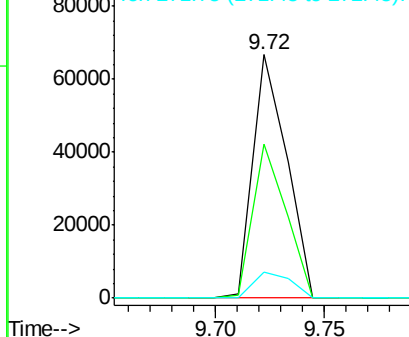


#40
 Hexachlorocyclopentadiene
 Concen: 63.71 ng
 RT: 9.72 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.3	42.0	82.0		
272	10.8	0.0	33.4		



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





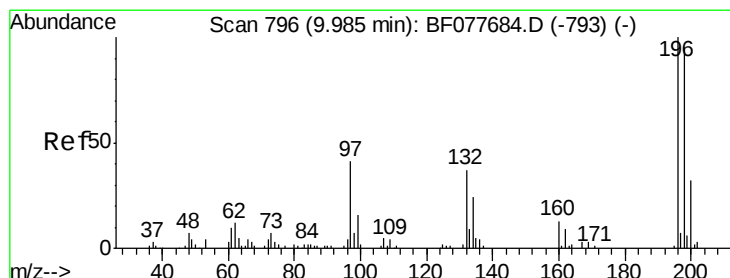
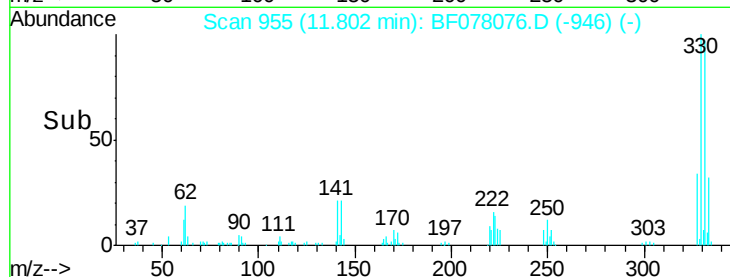
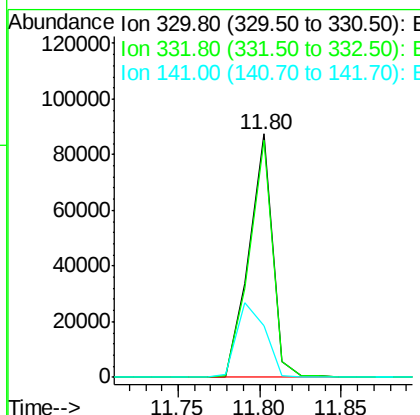
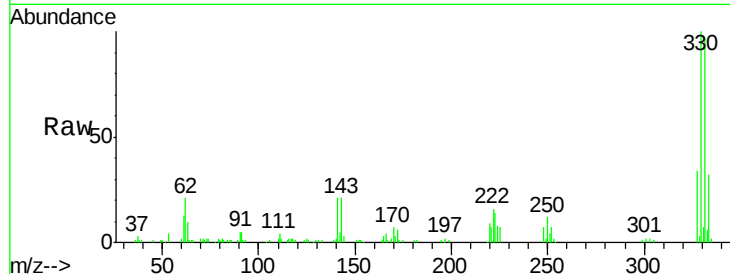
#41
 2,4,6-Tribromophenol
 Concen: 119.89 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	37.1	0.0	0.0#

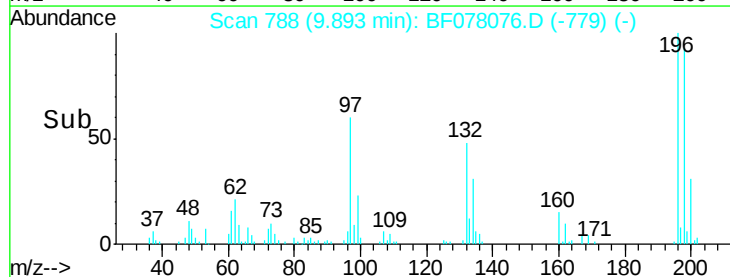
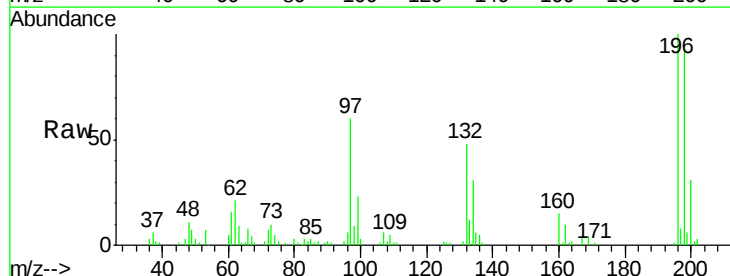
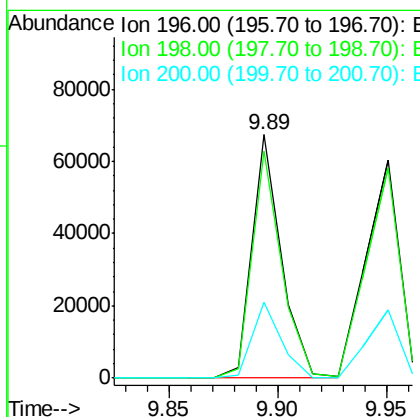
Manual Integrations
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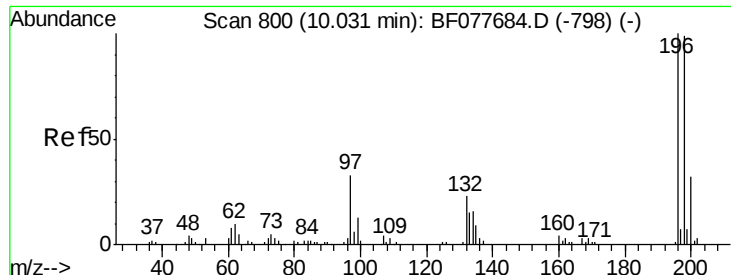
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#42
 2,4,6-Trichlorophenol
 Concen: 39.99 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	93.2	76.3	114.5
200	31.1	25.6	38.4





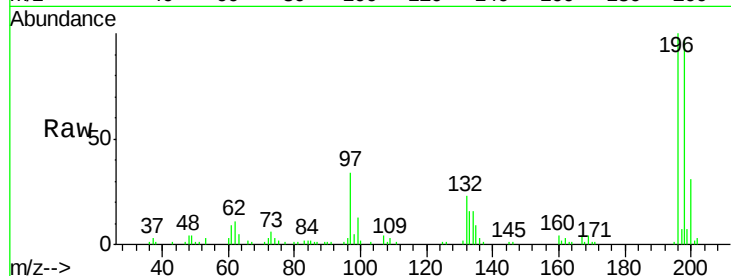
#43
2,4,5-Trichlorophenol
Concen: 38.33 ng
RT: 9.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

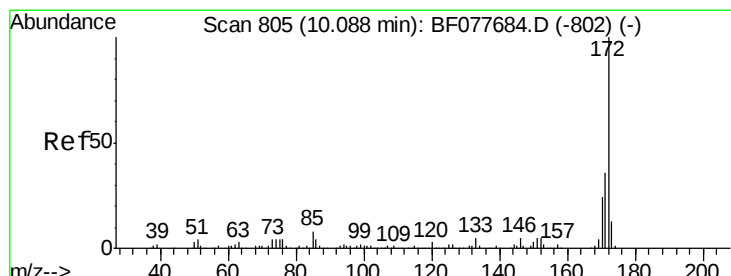
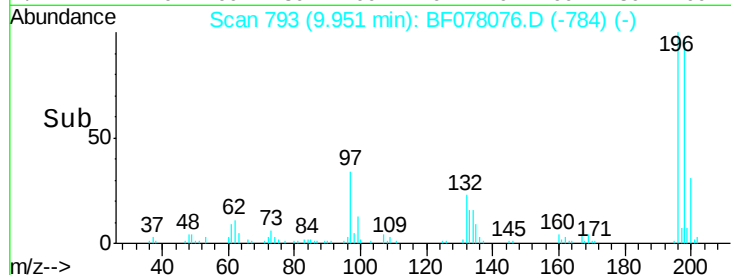
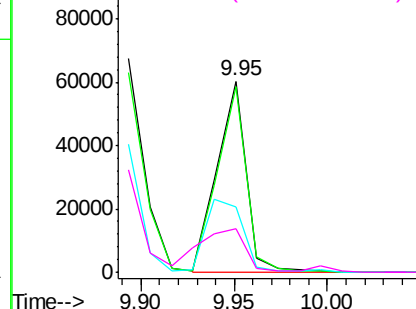
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		65759		
198	96.7	79.4	119.0		
97	34.0	26.8	40.2		
132	23.0	18.6	28.0		

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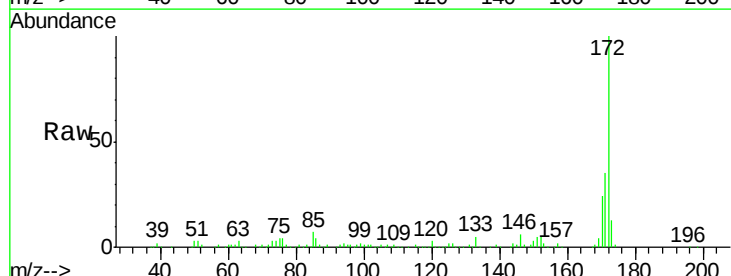


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

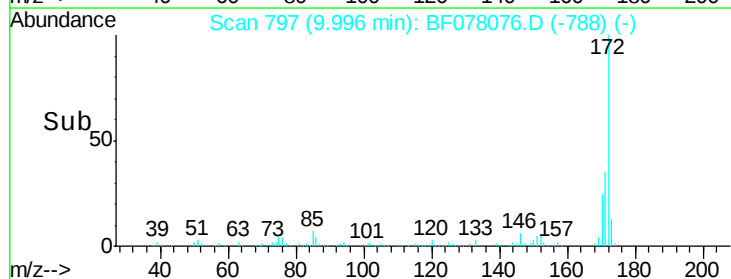
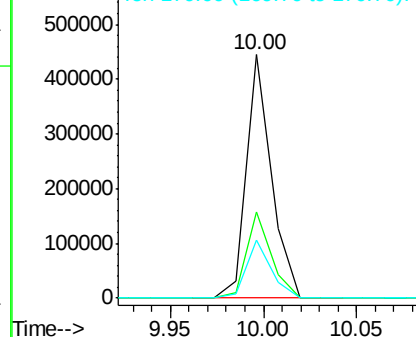


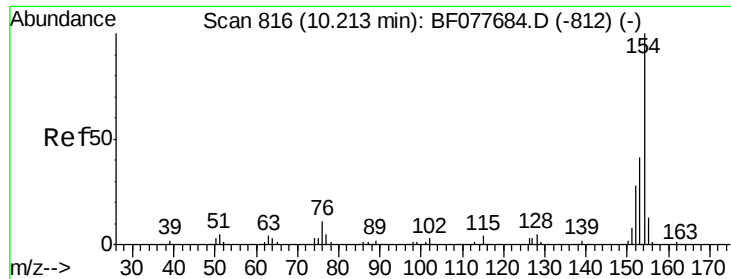
#44
2-Fluorobiphenyl
Concen: 78.98 ng
RT: 10.00 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		413060		
171	35.4	28.5	42.7		
170	23.7	18.8	28.2		



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.35 ng

RT: 10.12 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Instrument :

BNA_F

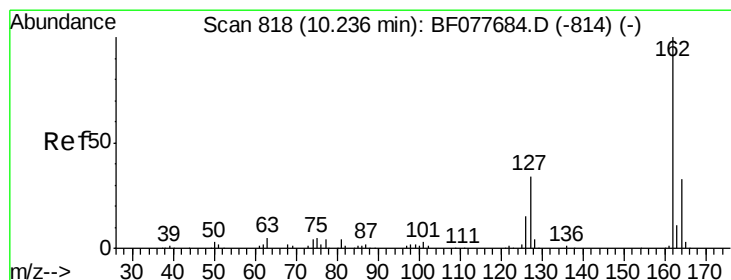
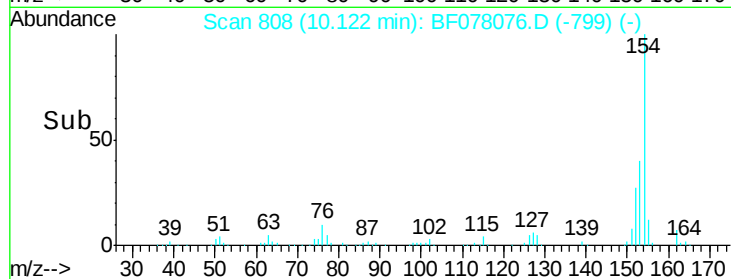
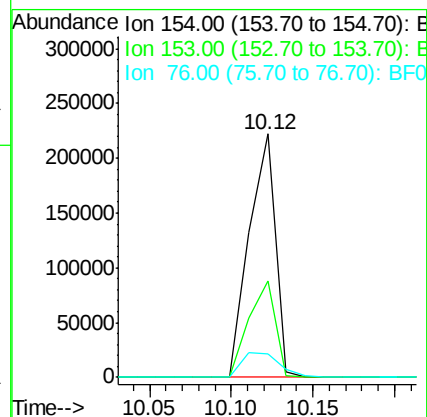
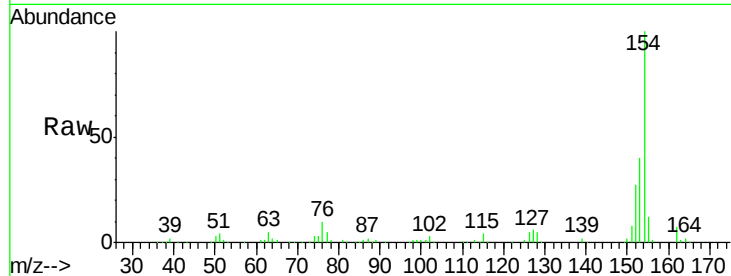
ClientSampleId :

REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.7	60.7
76	9.6	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 39.89 ng

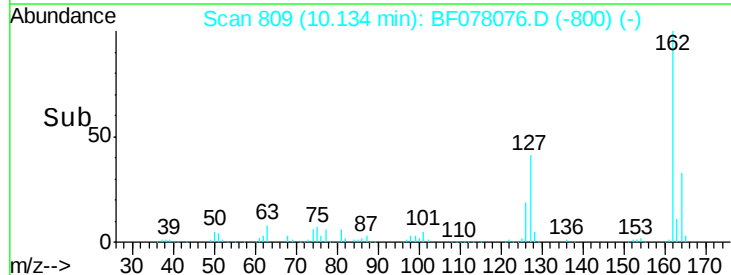
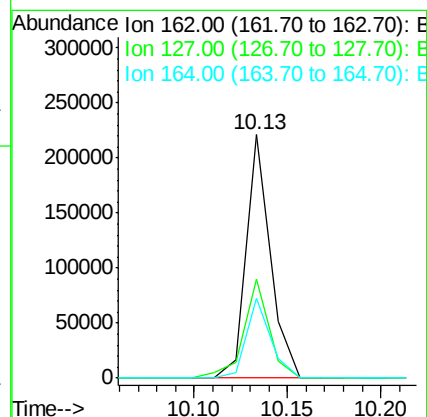
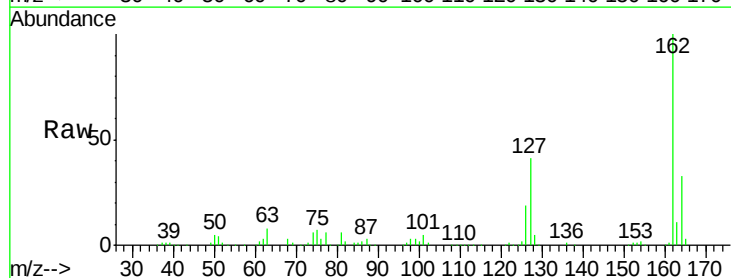
RT: 10.13 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	26.9	40.3#
164	32.6	26.8	40.2





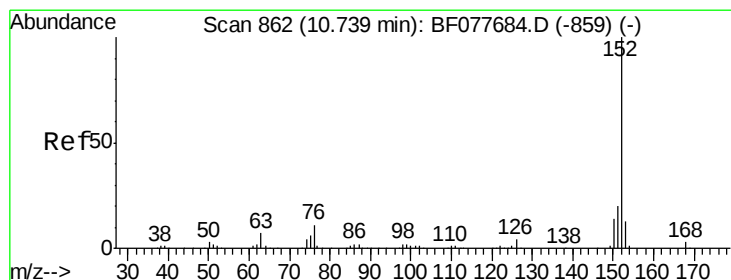
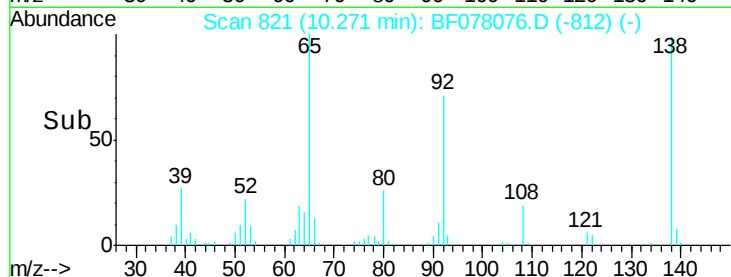
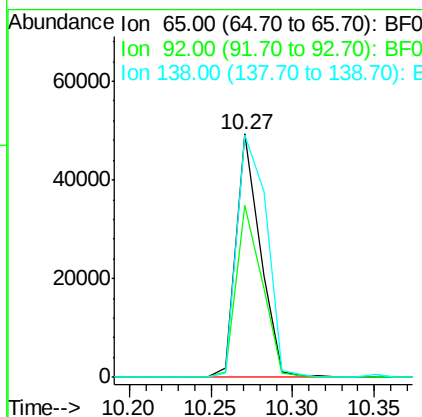
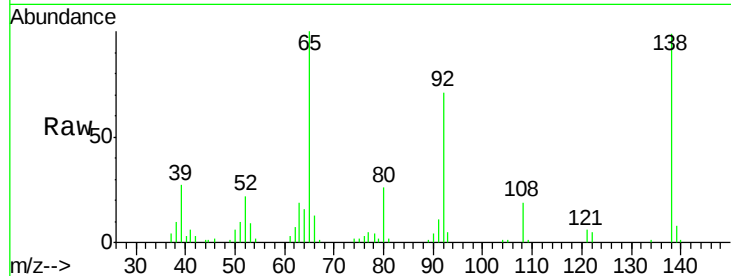
#47
2-Nitroaniline
Concen: 40.71 ng
RT: 10.27 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.5	59.1	88.7
138	99.3	93.9	140.9

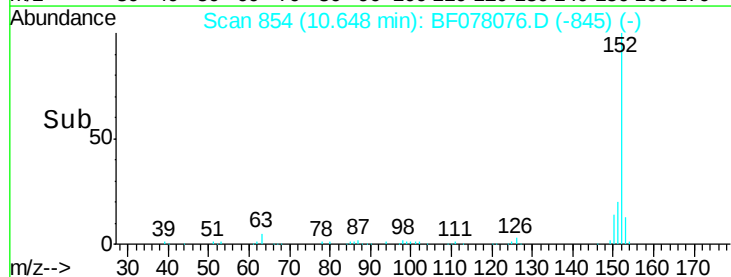
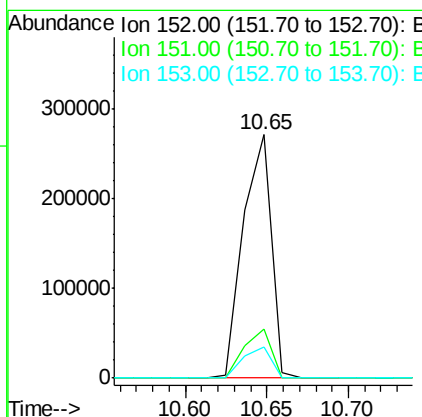
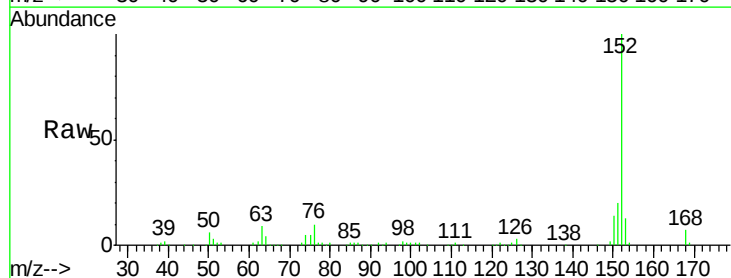
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#48
Acenaphthylene
Concen: 38.75 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	12.9	10.6	16.0





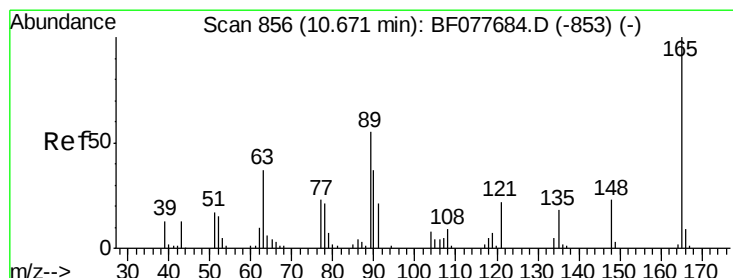
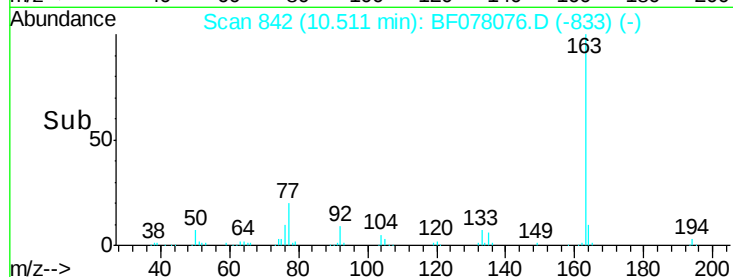
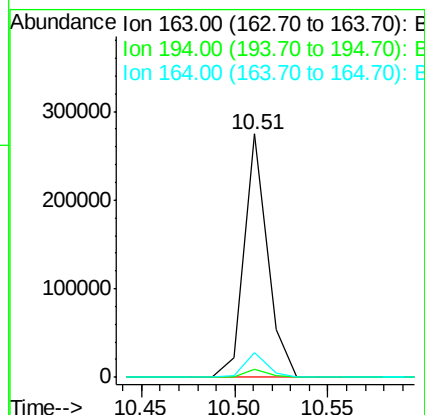
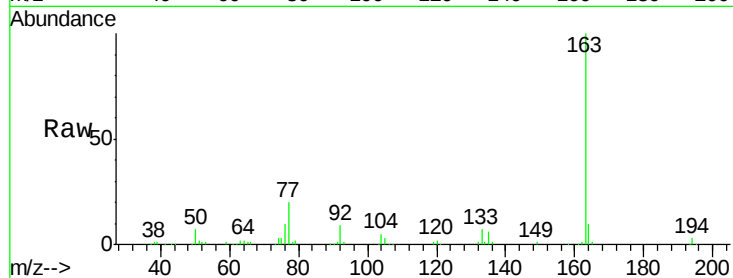
#49
Dimethylphthalate
Concen: 42.40 ng
RT: 10.51 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	241677		
194	3.2	2.7	4.1	
164	10.3	8.2	12.2	

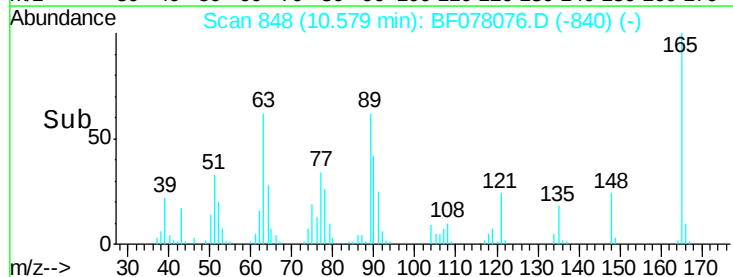
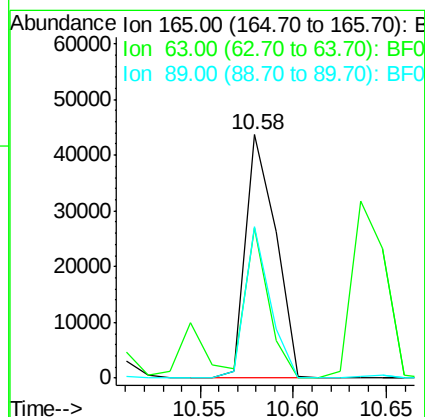
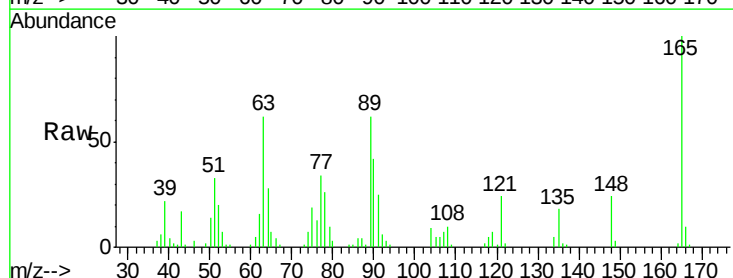
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#50
2,6-Dinitrotoluene
Concen: 41.49 ng
RT: 10.58 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	49022		
63	61.5	44.1	66.1	
89	62.4	44.3	66.5	





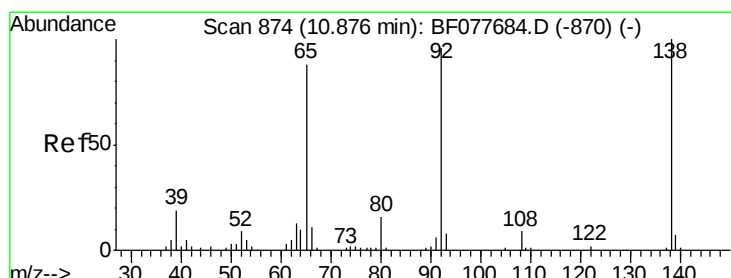
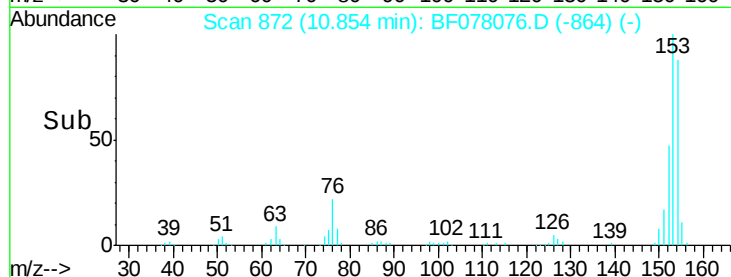
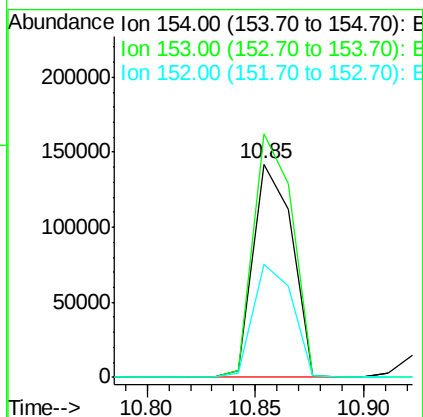
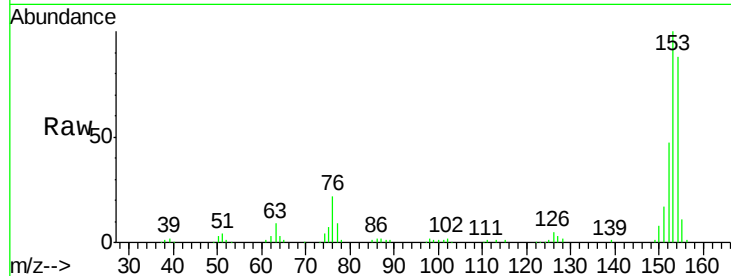
#51
Acenaphthene
Concen: 37.47 ng
RT: 10.85 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.0	135.0
152	53.2	42.6	63.8

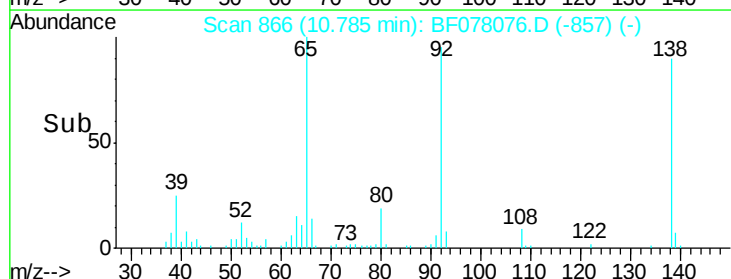
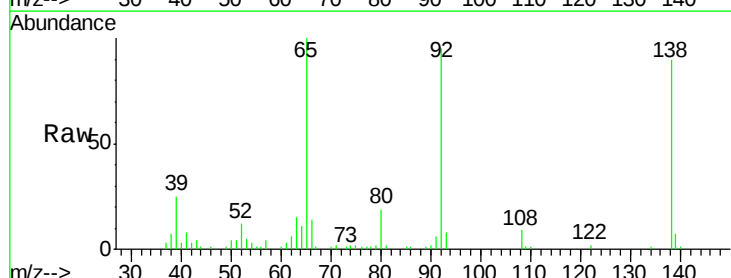
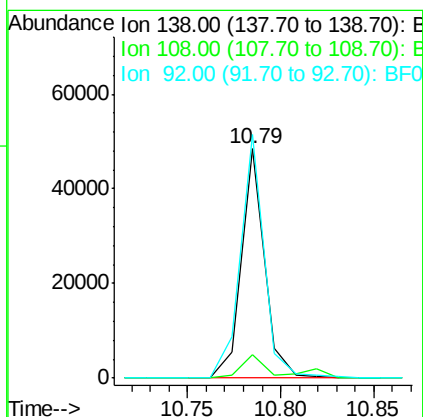
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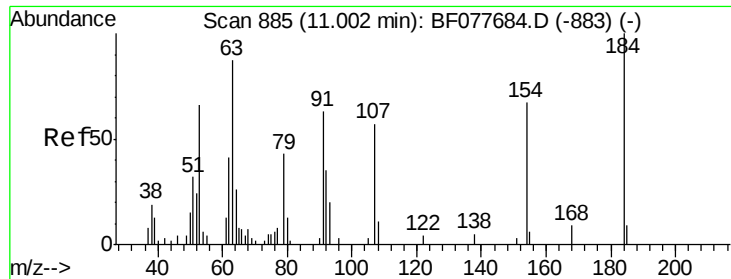
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#52
3-Nitroaniline
Concen: 30.60 ng
RT: 10.79 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.3	10.9
92	106.1	76.6	114.8





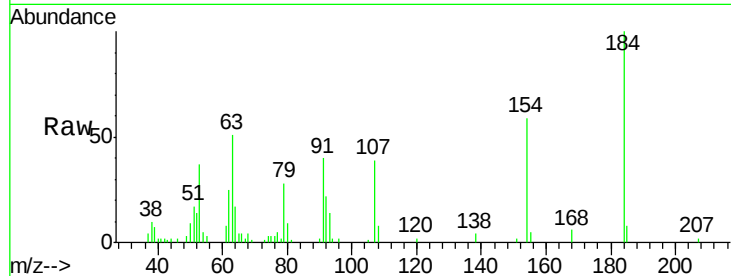
#53
 2,4-Dinitrophenol
 Concen: 60.79 ng
 RT: 10.92 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

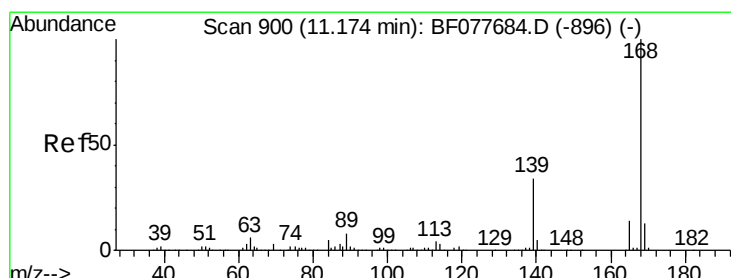
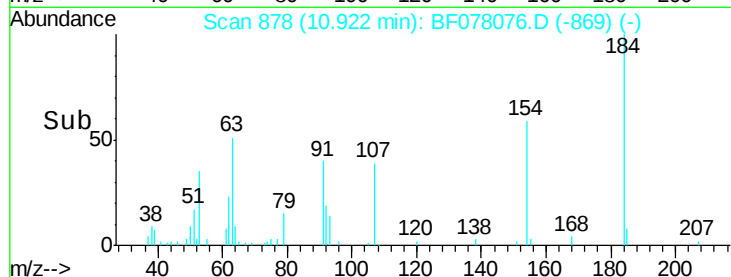
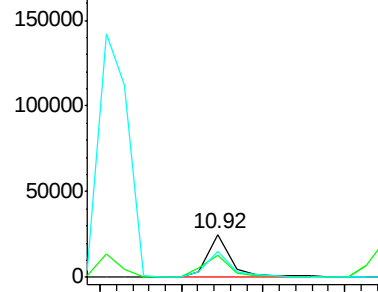
Tot Ion	Ratio	Lower	Upper
184	100		
63	51.0	69.2	103.8#
154	59.4	53.3	79.9

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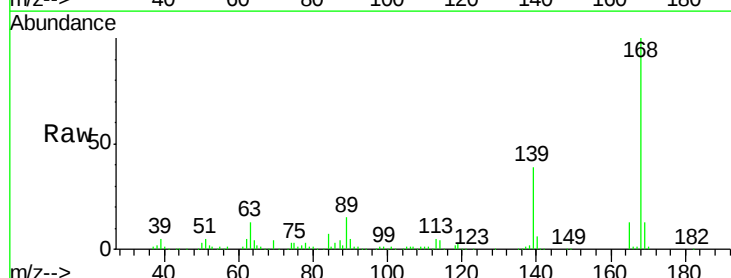


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

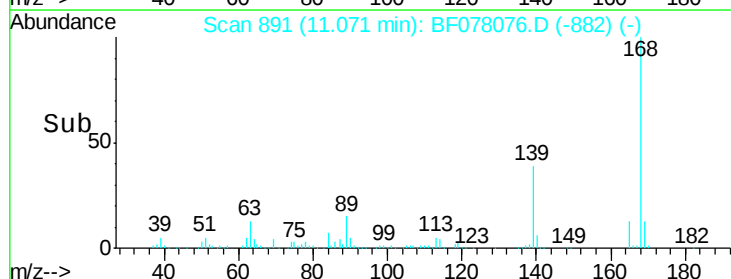
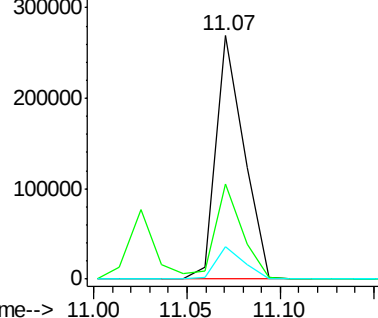


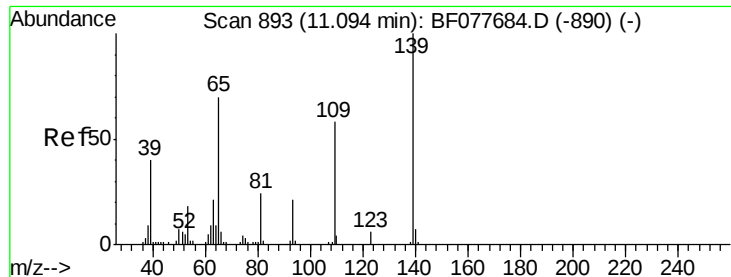
#54
 Dibenzofuran
 Concen: 39.54 ng
 RT: 11.07 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	27.3	40.9
169	13.4	10.6	16.0



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





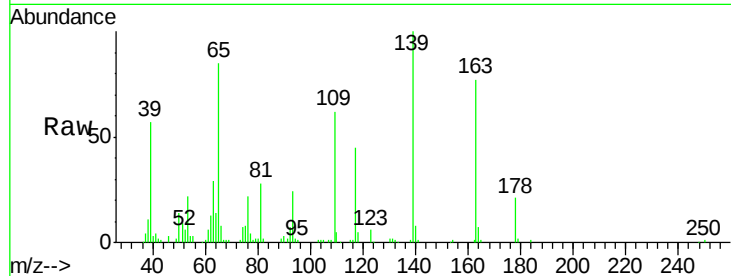
#55
4-Nitrophenol
Concen: 75.72 na
RT: 11.03 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

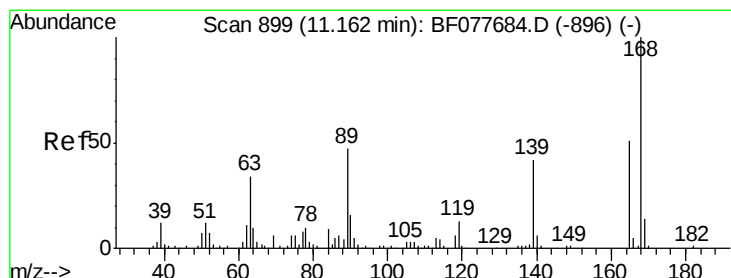
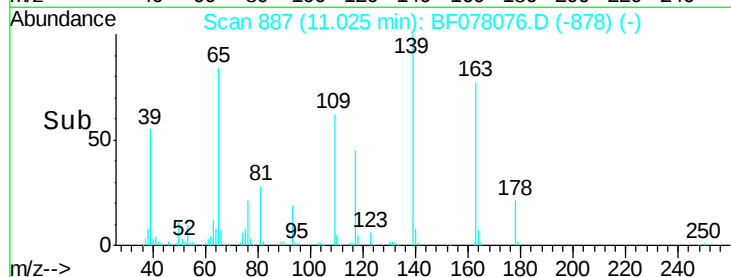
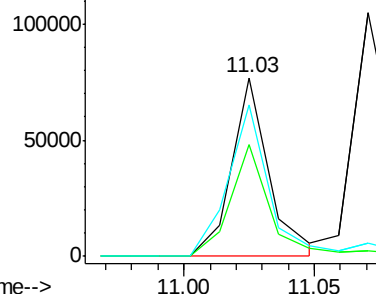
Tot Ion	Ratio	Resp	Lower	Upper
139	100	76977		
109	62.4	37.7	77.7	
65	85.0	49.9	89.9	

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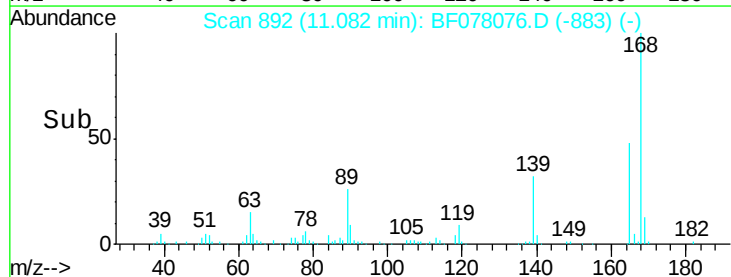
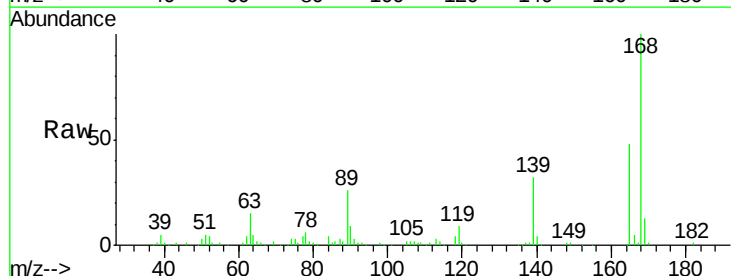
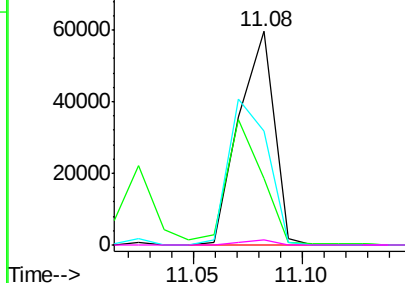
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 43.39 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	66850		
63	30.9	52.4	78.6#	
89	53.1	72.4	108.6#	
182	2.5	2.0	3.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.62 ng

RT: 11.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Instrument :

BNA_F

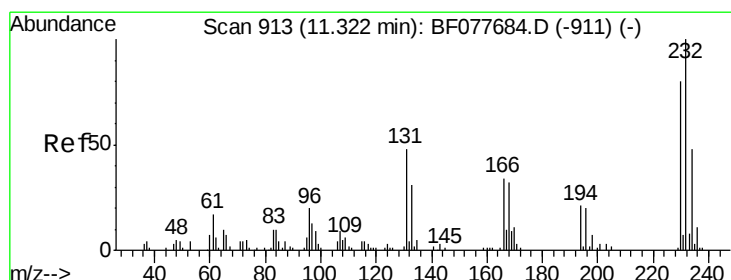
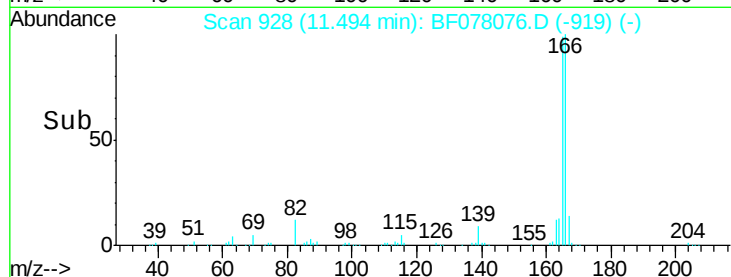
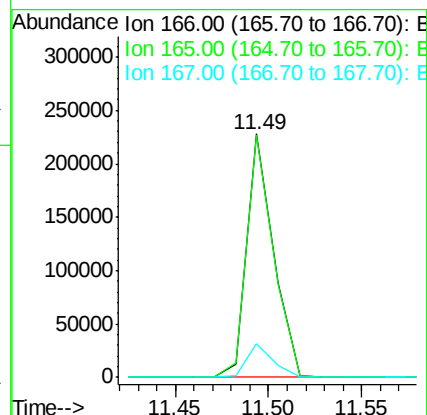
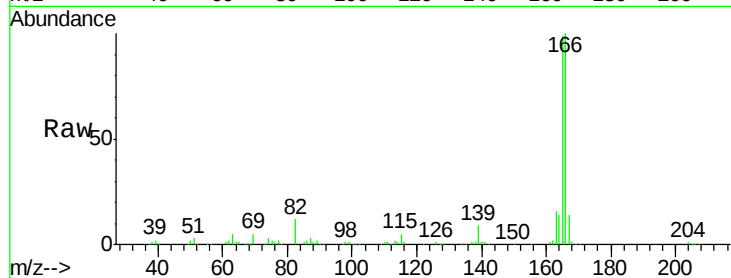
ClientSampleId :

REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	226395		
165	99.4	79.0	118.4	
167	13.6	10.3	15.5	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.71 ng

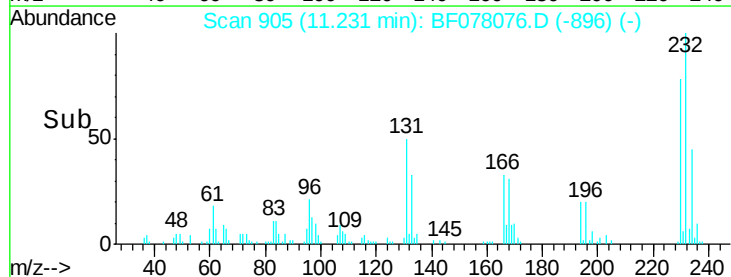
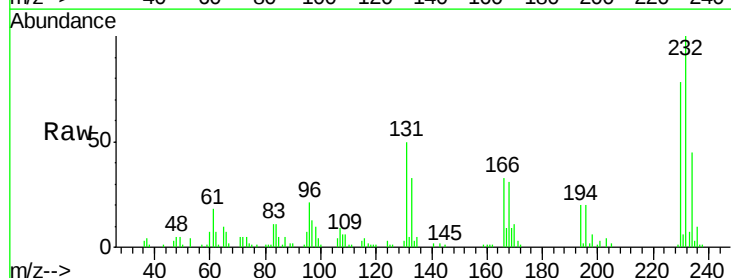
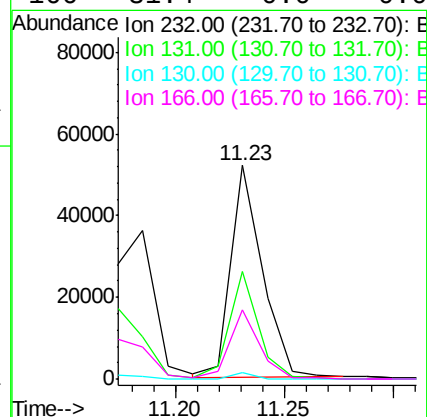
RT: 11.23 min Scan# 905

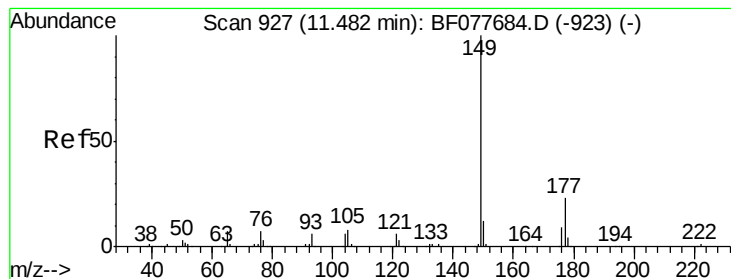
Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	52454		
131	47.1	0.0	0.0#	
130	1.9	0.0	0.0#	
166	31.4	0.0	0.0#	





#59

Diethylphthalate

Concen: 41.33 ng

RT: 11.39 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Instrument :

BNA_F

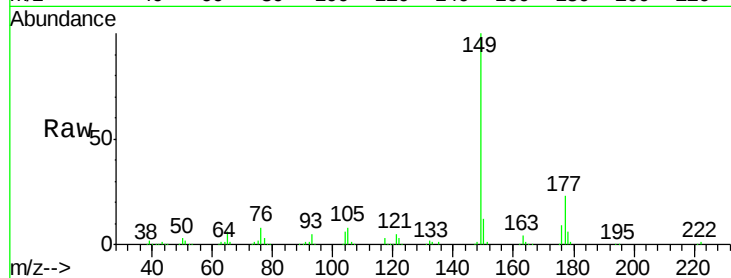
ClientSampleId :

REC-7-1-1(1.5-2.0)MS

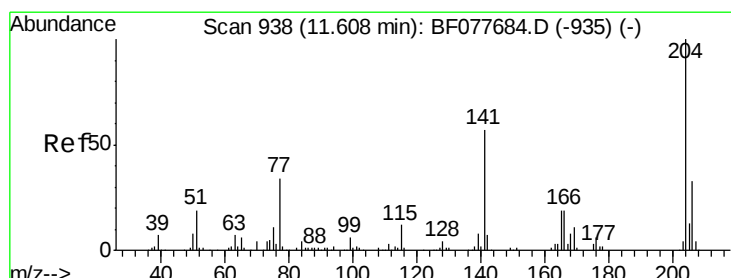
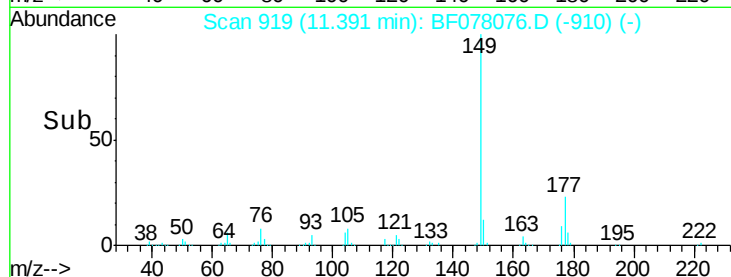
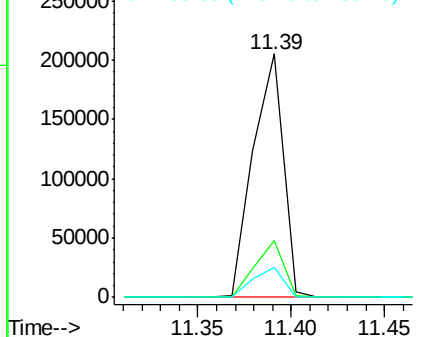
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.3	27.5
150	12.4	9.8	14.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.74 ng

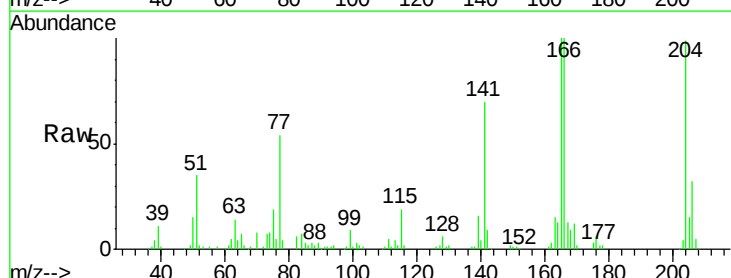
RT: 11.51 min Scan# 929

Delta R.T. -0.00 min

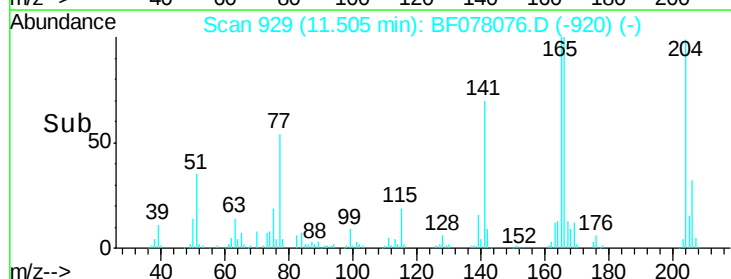
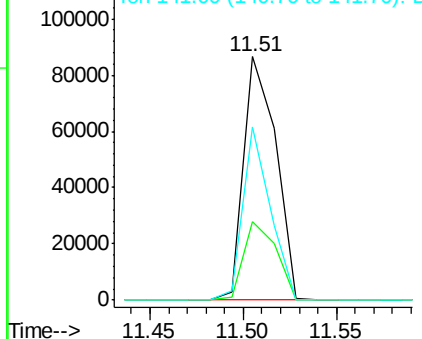
Lab File: BF078076.D

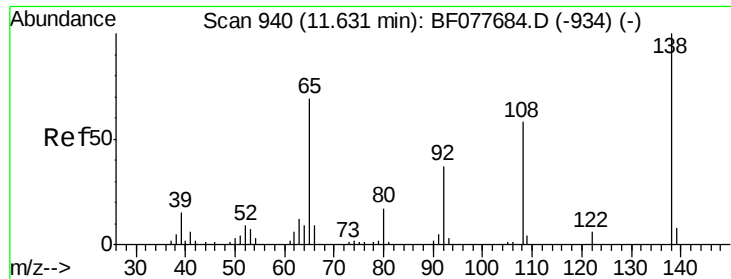
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	71.2	45.2	67.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





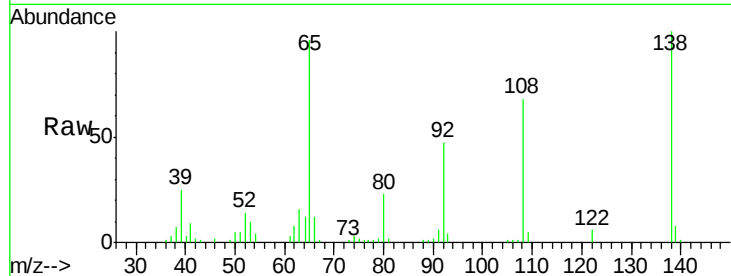
#61
4-Nitroaniline
Concen: 40.27 ng
RT: 11.54 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

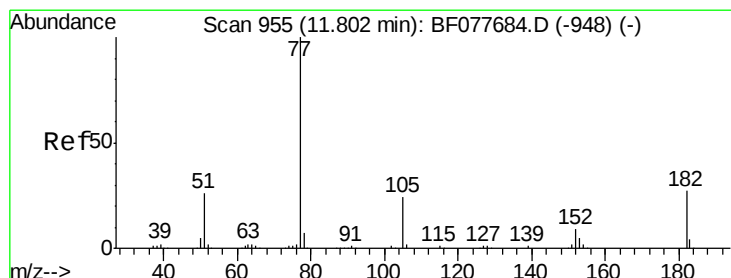
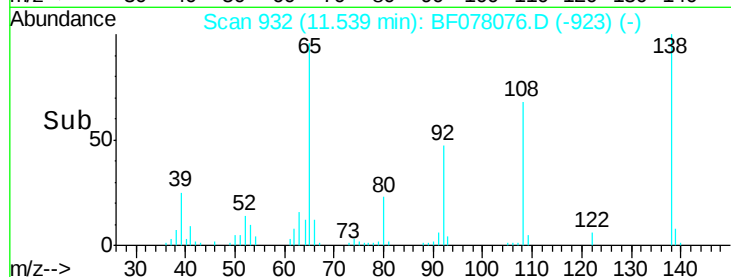
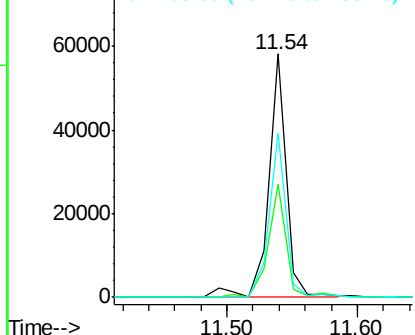
Tot Ion	Ratio	Lower	Upper
138	100		
92	46.7	16.7	56.7
108	67.6	37.6	77.6

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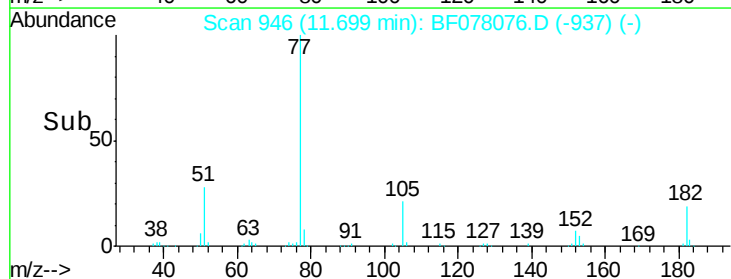
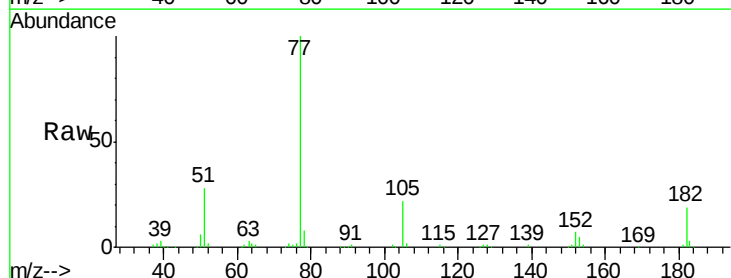
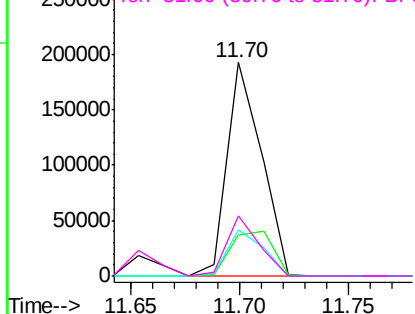
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

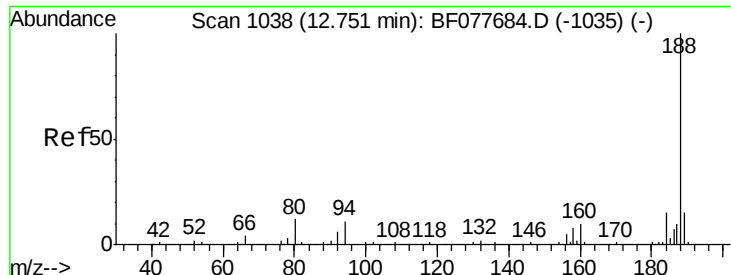


#62
Azobenzene
Concen: 39.83 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.1	6.5	46.5
105	21.6	3.8	43.8
51	27.9	5.5	45.5

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





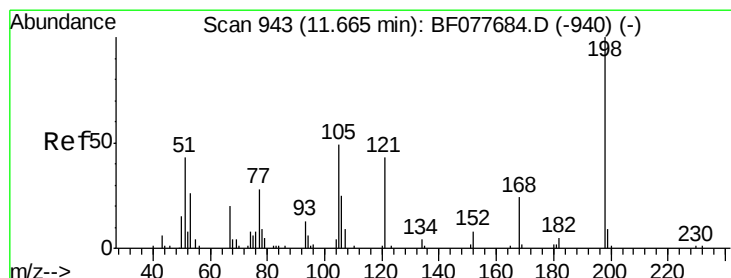
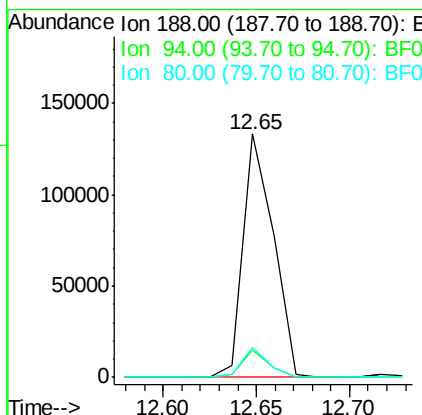
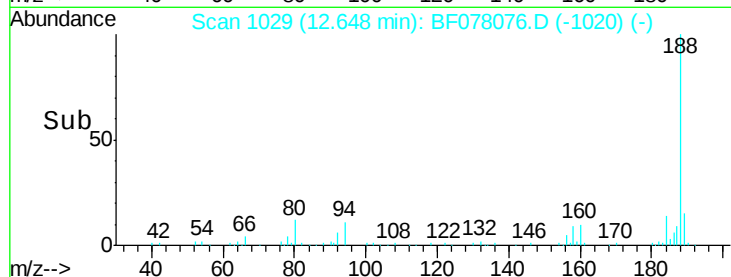
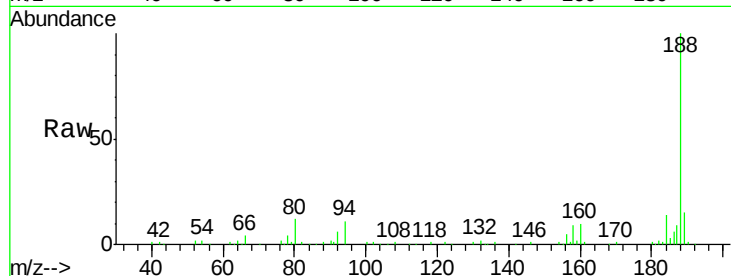
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	150651		
94	11.3	8.7	13.1	
80	12.3	9.3	13.9	

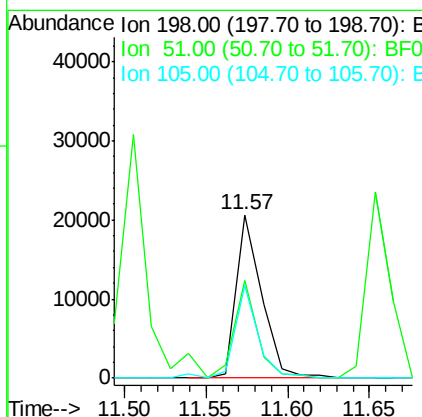
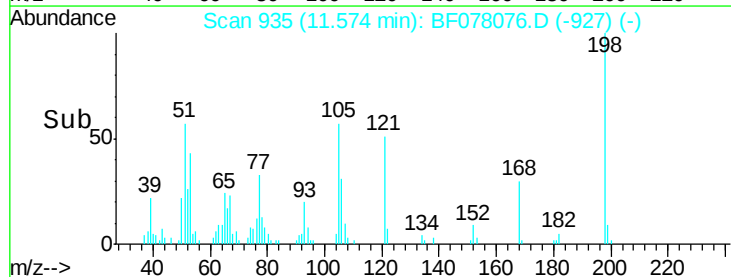
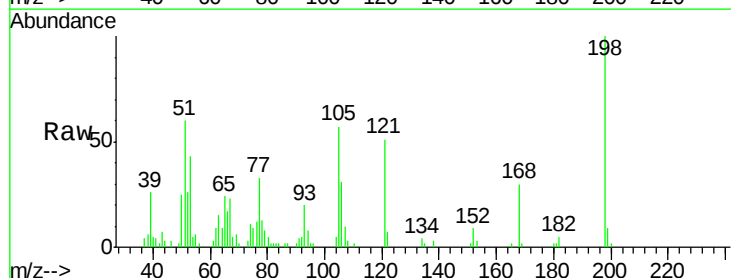
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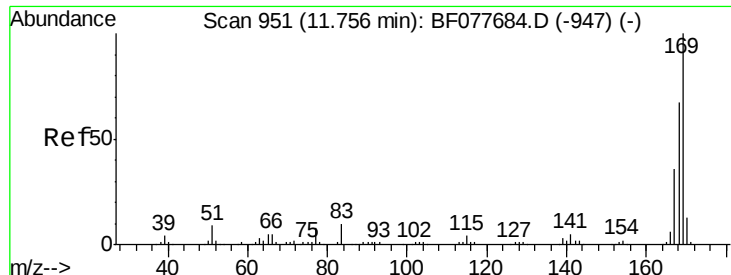
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.74 ng
RT: 11.57 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	22224		
51	59.8	28.8	68.8	
105	56.7	30.5	70.5	





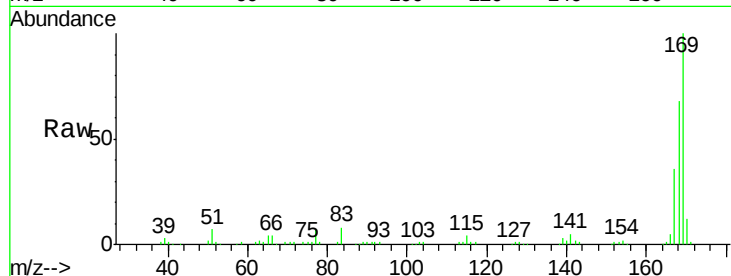
#65
 n-Nitrosodiphenylamine
 Concen: 38.87 ng
 RT: 11.67 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

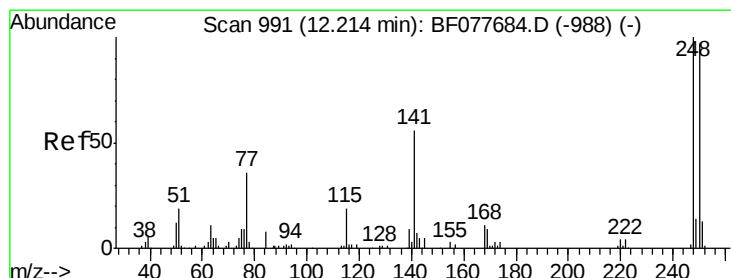
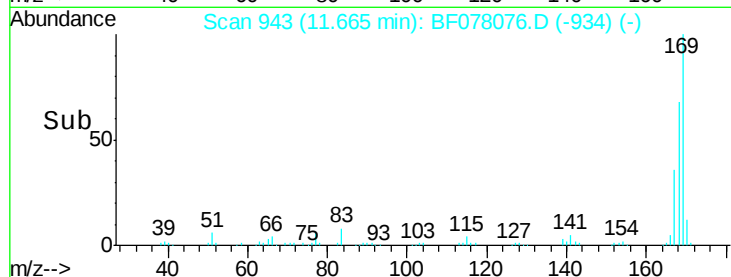
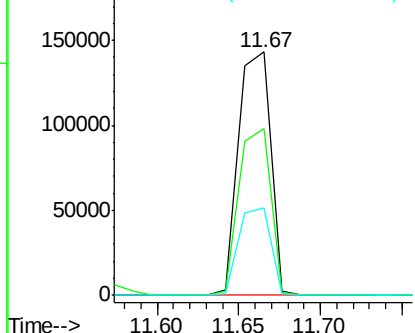
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		194992		
168	68.4	53.9	80.9		
167	36.0	28.9	43.3		

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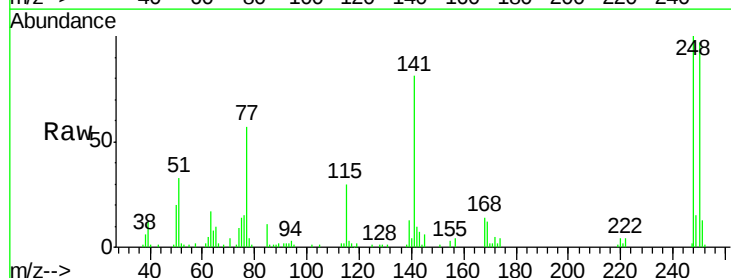


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

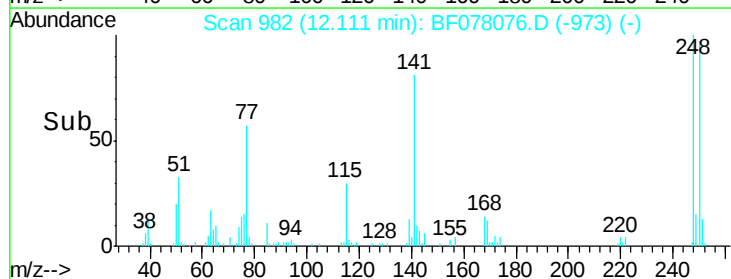
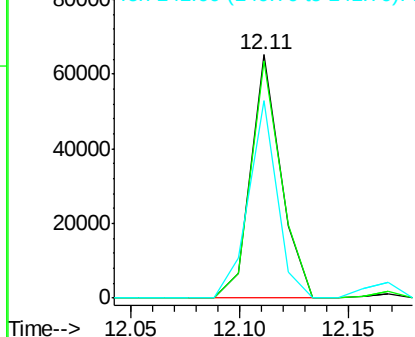


#66
 4-Bromophenyl-phenylether
 Concen: 38.84 ng
 RT: 12.11 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		62452		
250	97.4	77.4	116.0		
141	81.2	45.2	67.8#		



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.22 ng

RT: 12.17 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Instrument :

BNA_F

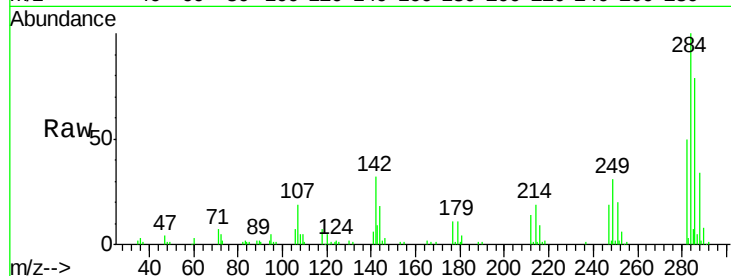
ClientSampleId :

REC-7-1-1(1.5-2.0)MS

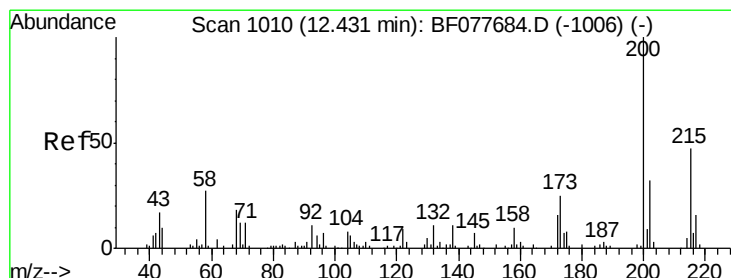
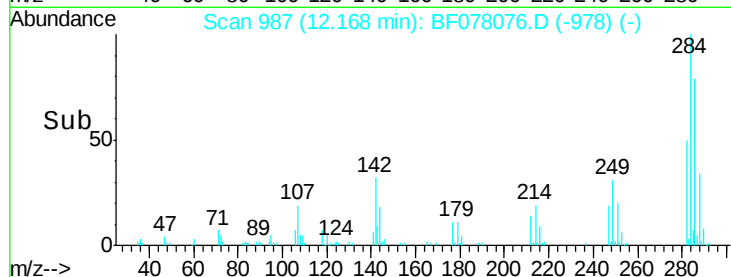
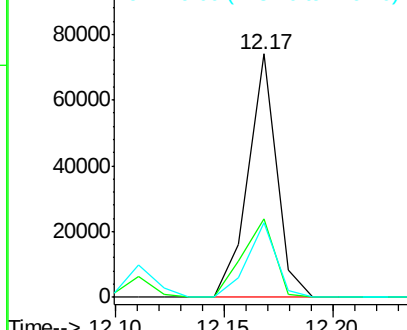
Tot Ion:	284	Resp:	67511
Ion Ratio	Lower	Upper	
284	100		
142	32.0	20.4	30.6#
249	30.9	23.8	35.6

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



#68

Atrazine

Concen: 46.86 ng

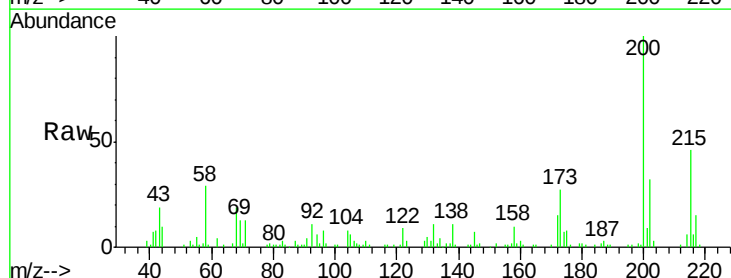
RT: 12.34 min Scan# 1002

Delta R.T. -0.00 min

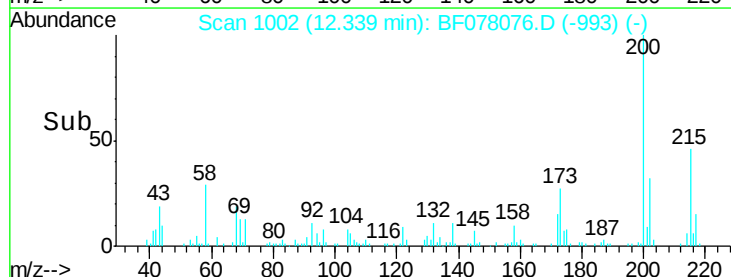
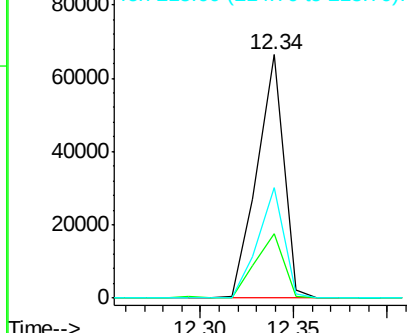
Lab File: BF078076.D

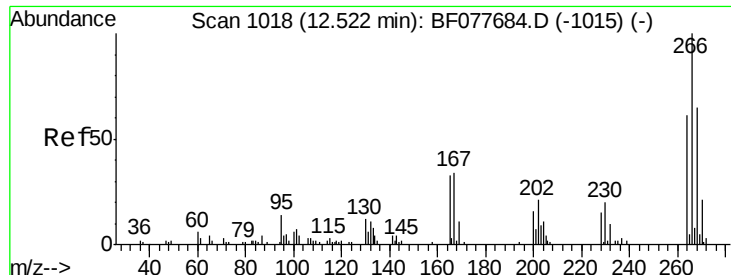
Acq: 28 Mar 2015 12:11

Tgt Ion:	200	Resp:	65881
Ion Ratio	Lower	Upper	
200	100		
173	26.5	4.8	44.8
215	45.6	26.9	66.9



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





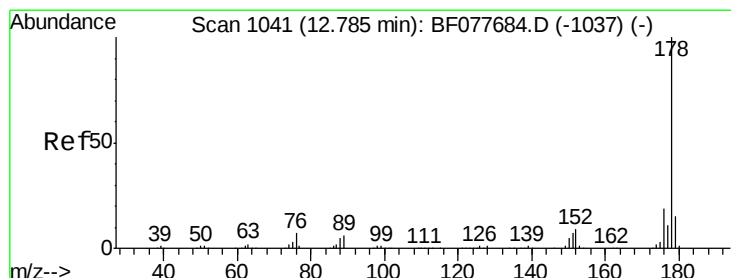
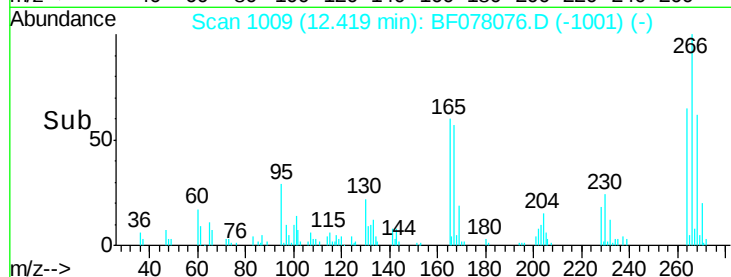
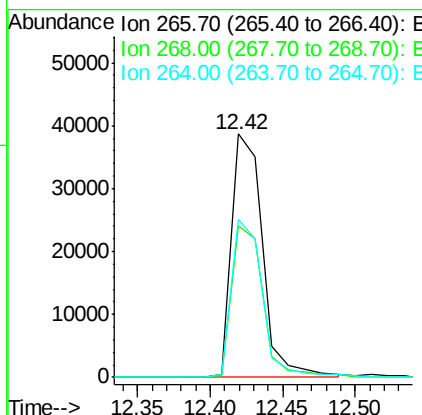
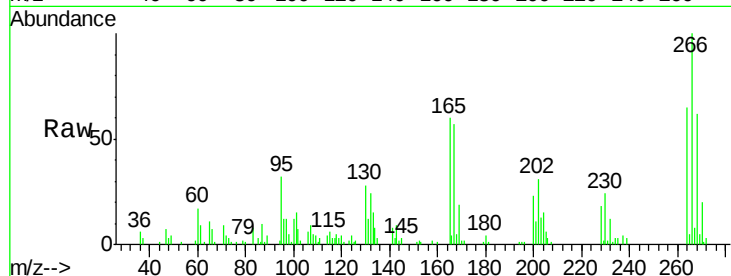
#69
 Pentachlorophenol
 Concen: 62.92 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	52.0	78.0
264	64.9	49.0	73.4

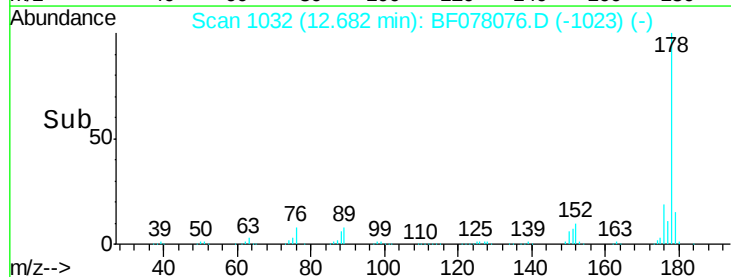
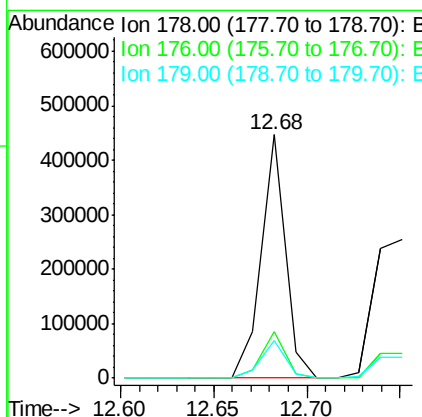
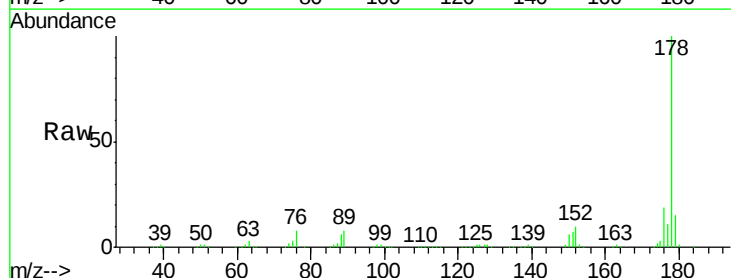
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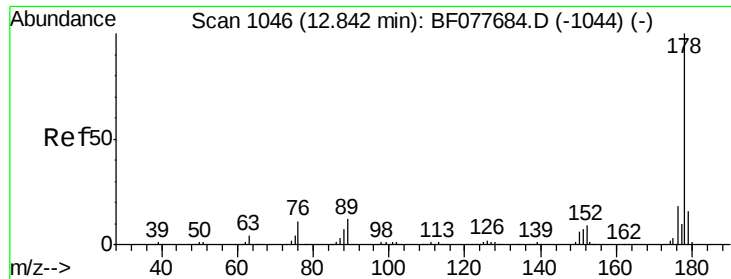
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#70
 Phenanthrene
 Concen: 46.10 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.3	12.1	18.1





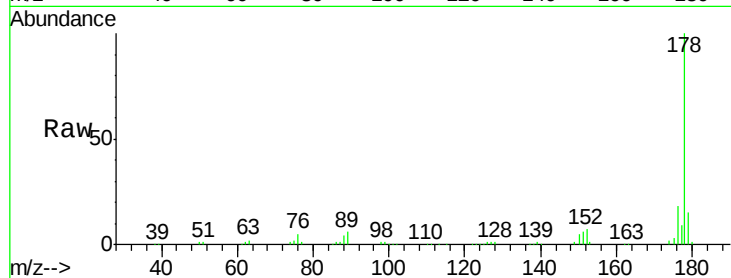
#71
 Anthracene
 Concen: 40.81 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

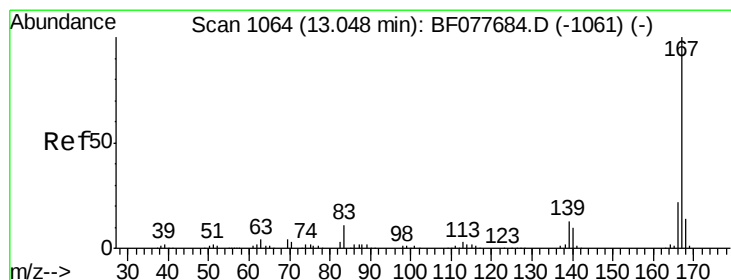
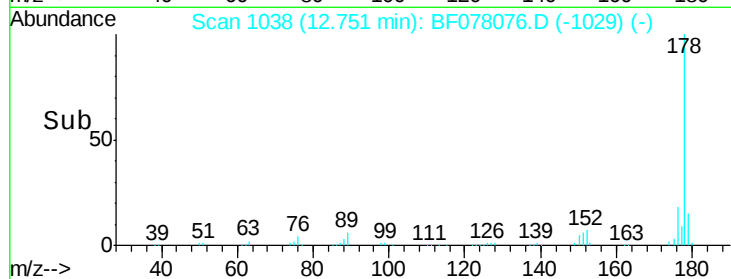
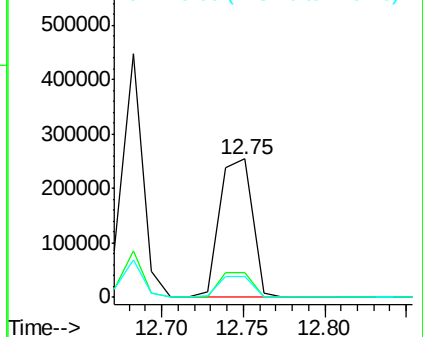
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	22.0
179	14.7	12.6	19.0

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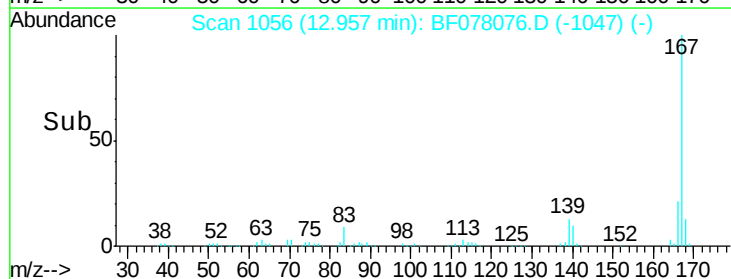
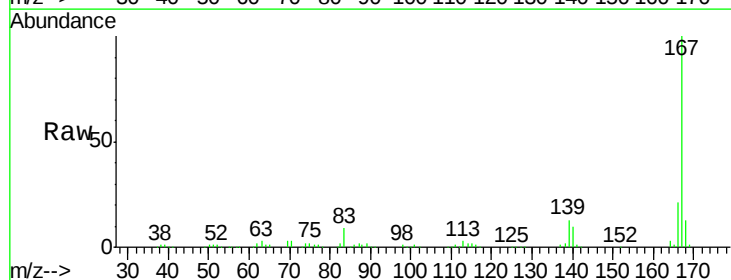
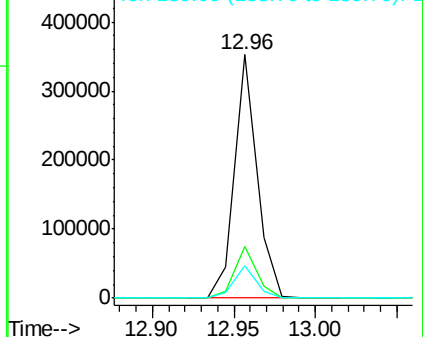
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 41.53 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	13.1	10.8	16.2

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





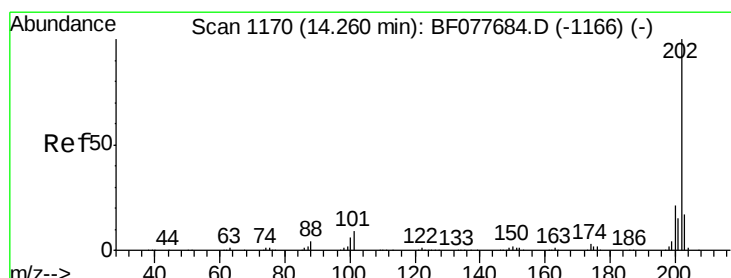
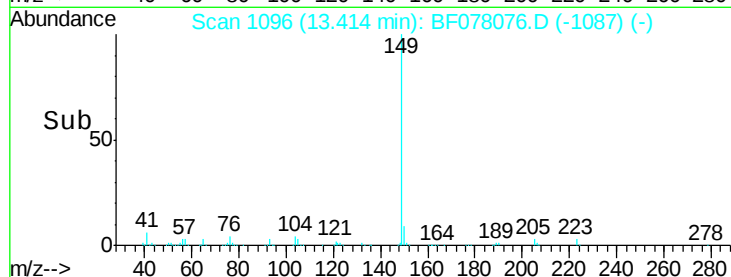
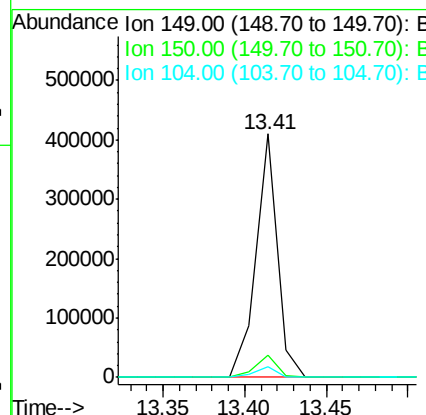
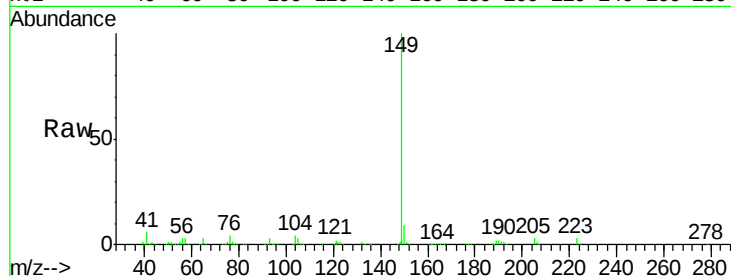
#73
Di-n-butylphthalate
Concen: 41.11 ng
RT: 13.41 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.4	3.7	5.5

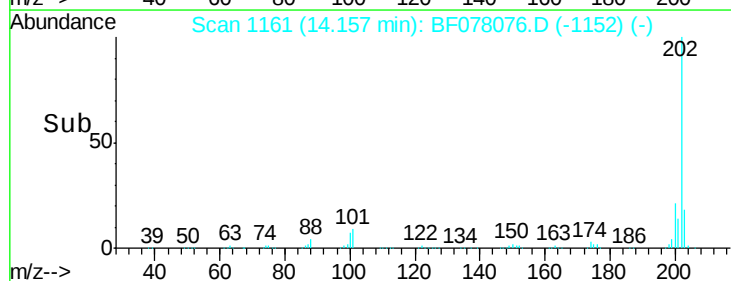
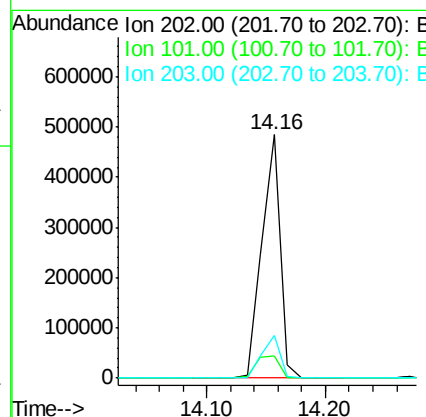
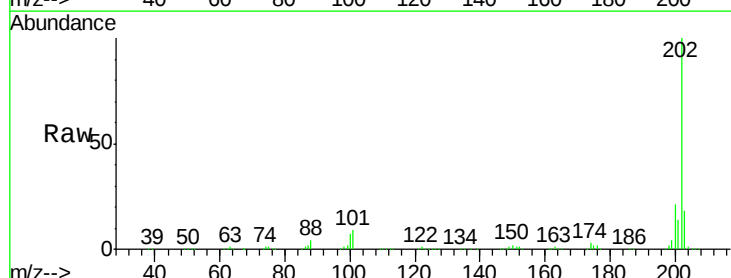
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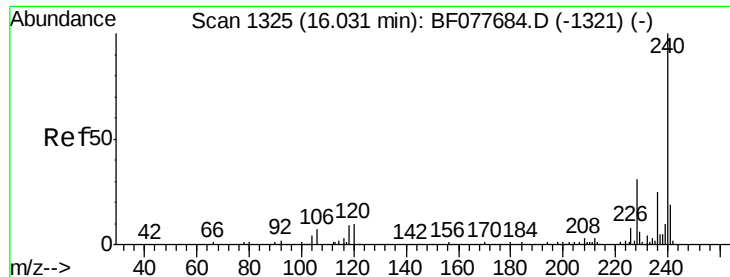
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#74
Fluoranthene
Concen: 55.12 ng
RT: 14.16 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.7
203	17.7	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Instrument :

BNA_F

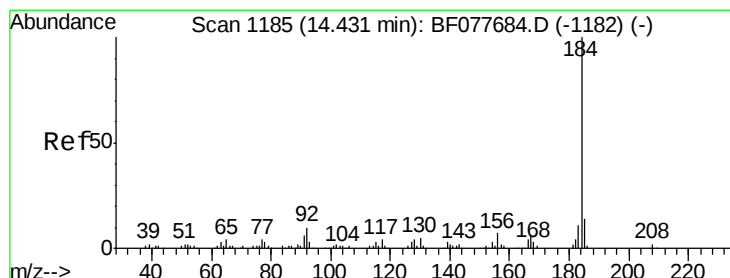
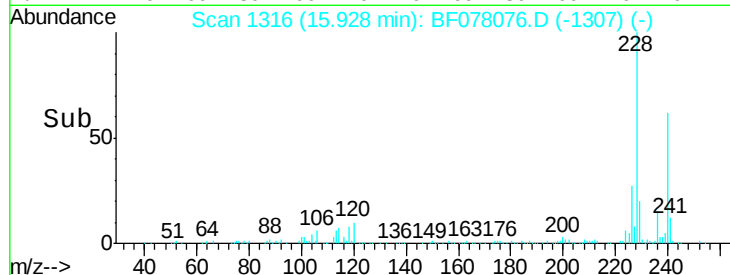
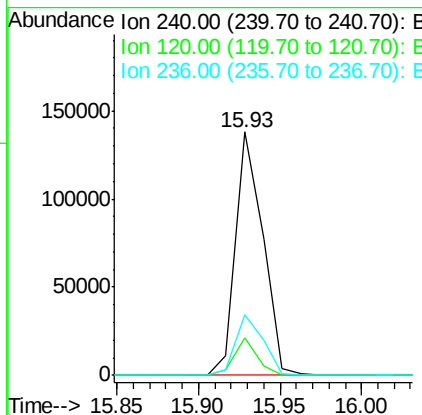
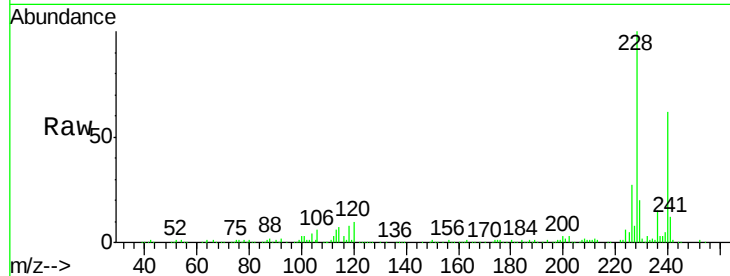
ClientSampleId :

REC-7-1-1(1.5-2.0)MS

Tot Ion:	240	Resp:	158751
Ion Ratio	Lower	Upper	
240	100		
120	15.3	8.2	12.2#
236	24.8	20.0	30.0

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#76

Benzidine

Concen: 36.25 ng

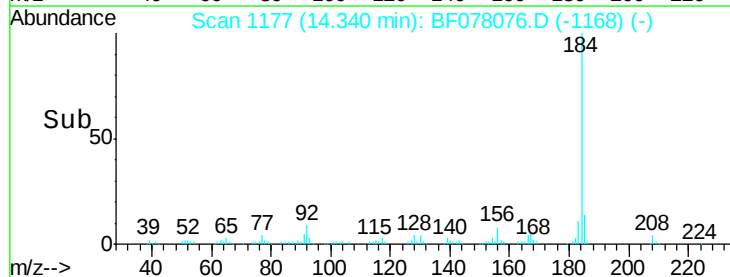
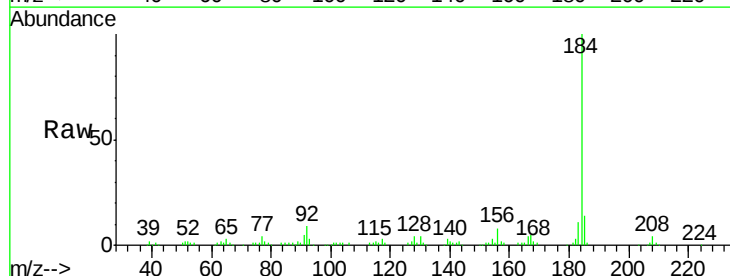
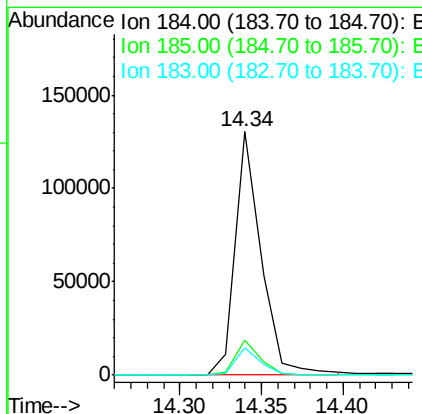
RT: 14.34 min Scan# 1177

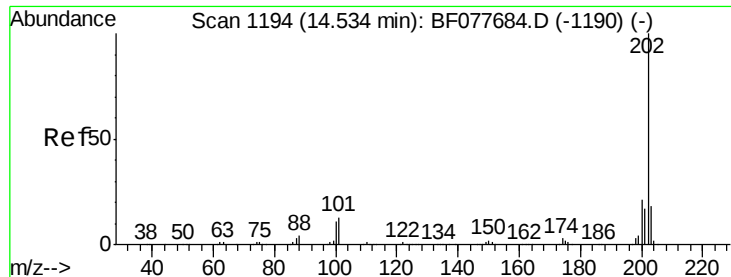
Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Tgt Ion:	184	Resp:	142523
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.3	16.9
183	11.1	8.9	13.3





#77

Pvrene

Concen: 51.90 ng

RT: 14.43 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Instrument :

BNA_F

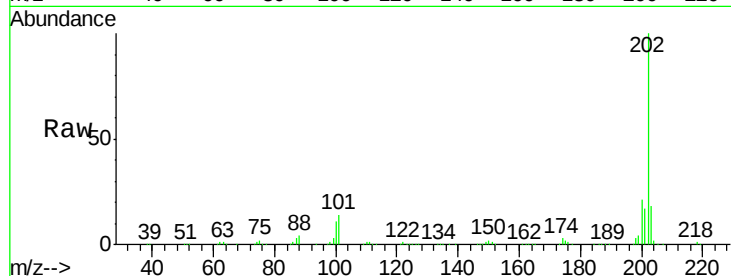
ClientSampleId :

REC-7-1-1(1.5-2.0)MS

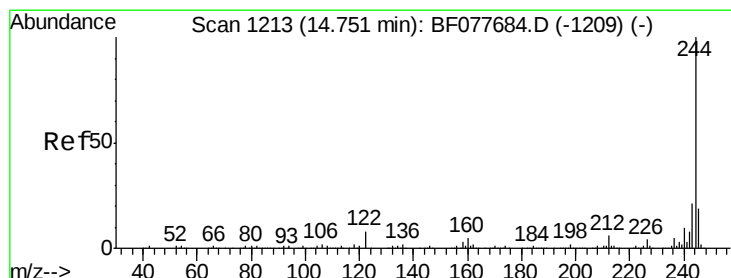
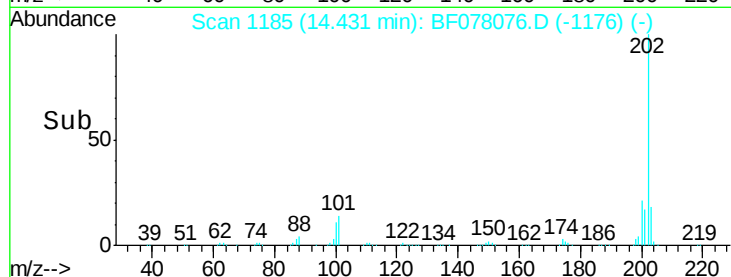
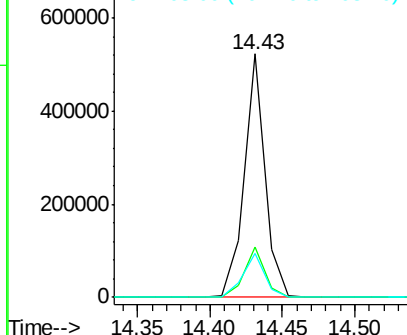
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	16.9	25.3
203	18.3	14.1	21.1

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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: 75.12 ng

RT: 14.65 min Scan# 1204

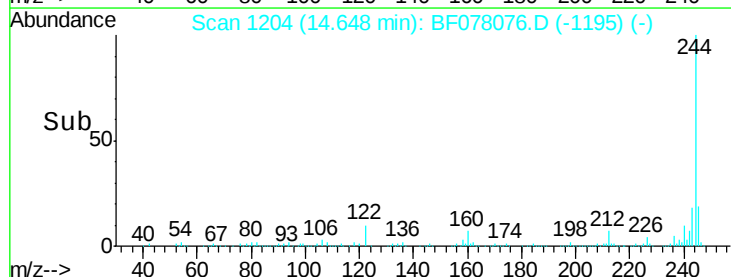
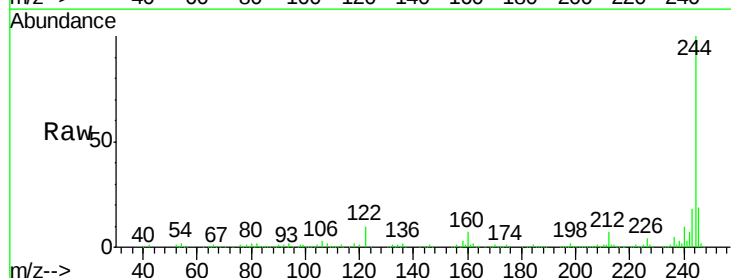
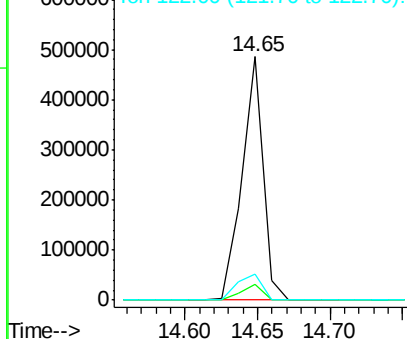
Delta R.T. -0.00 min

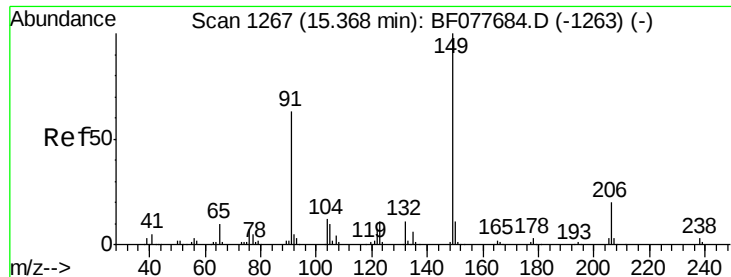
Lab File: BF078076.D

Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	4.9	7.3
122	10.4	6.2	9.4#

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





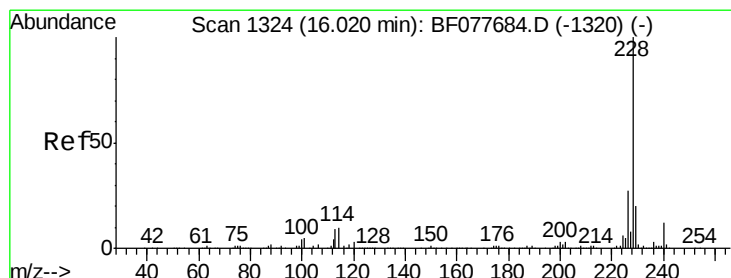
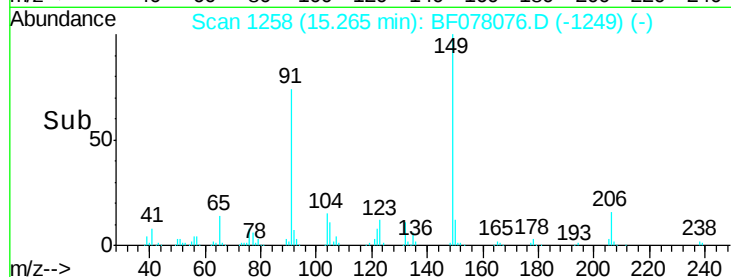
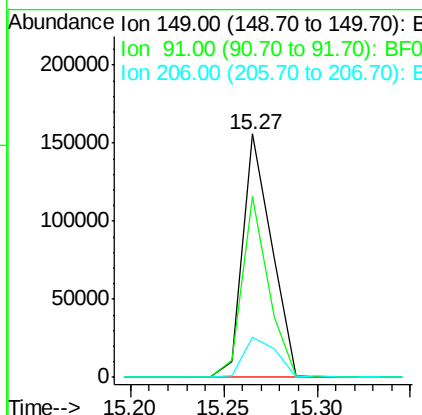
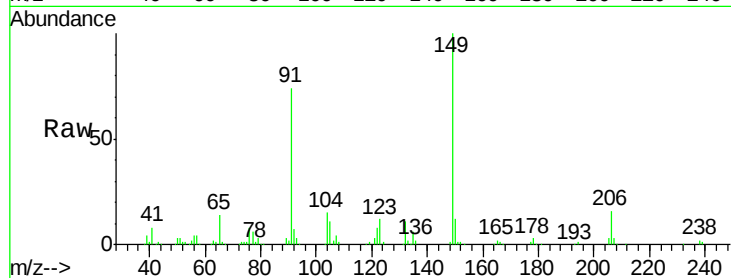
#79
Butylbenzylphthalate
Concen: 42.52 ng
RT: 15.27 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	50.1	75.1
206	16.4	16.2	24.2

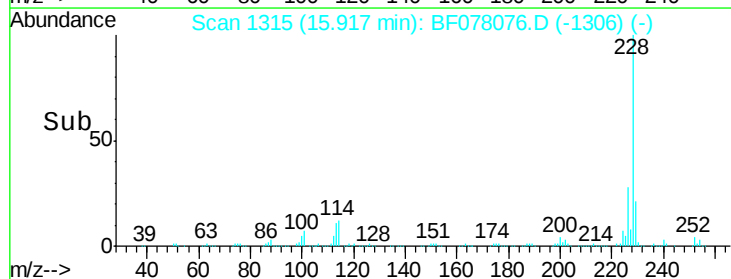
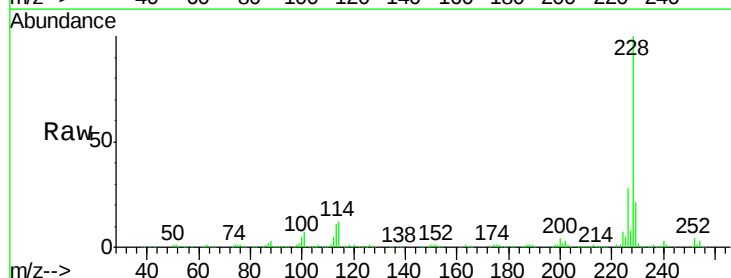
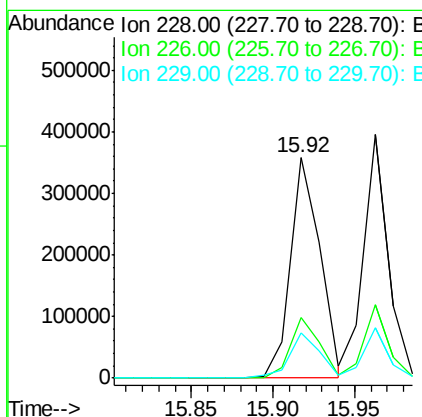
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#80
Benzo(a)anthracene
Concen: 48.09 ng
RT: 15.92 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	20.6	16.0	24.0





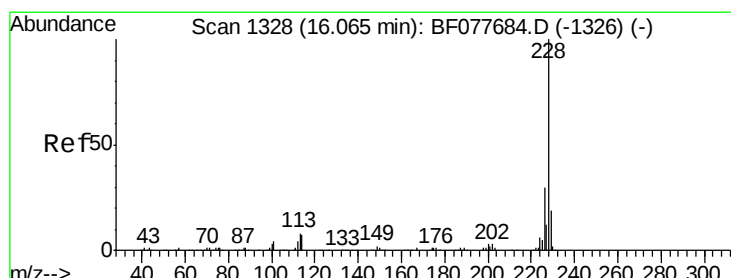
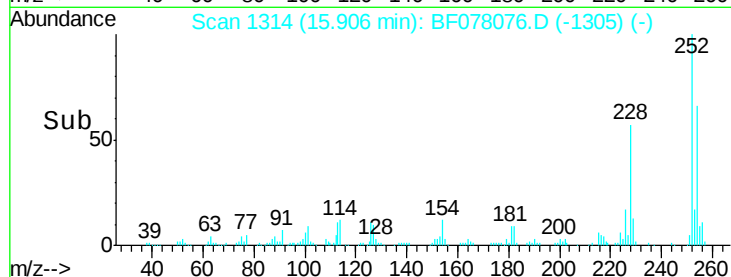
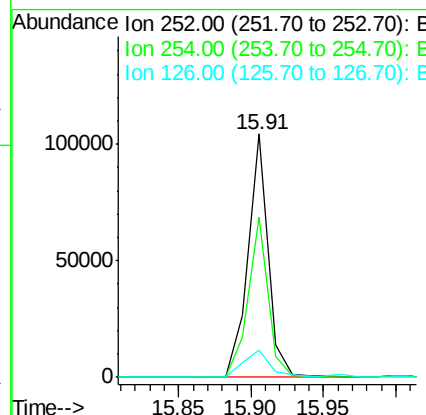
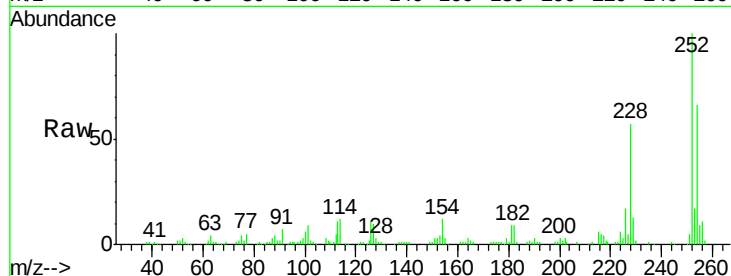
#81
 3,3'-Dichlorobenzidine
 Concen: 32.72 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.7	51.9	77.9
126	11.1	9.8	14.8

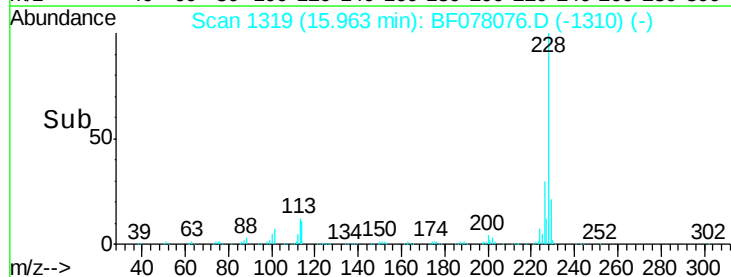
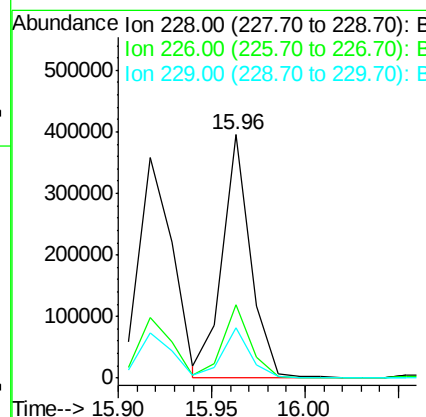
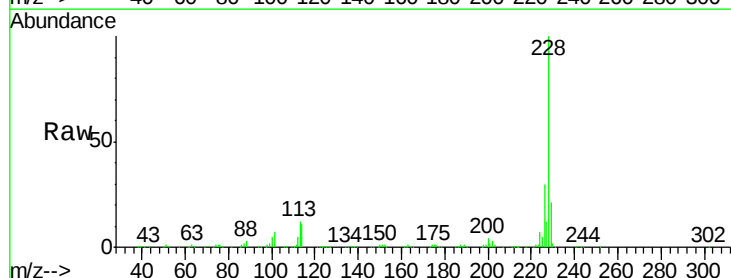
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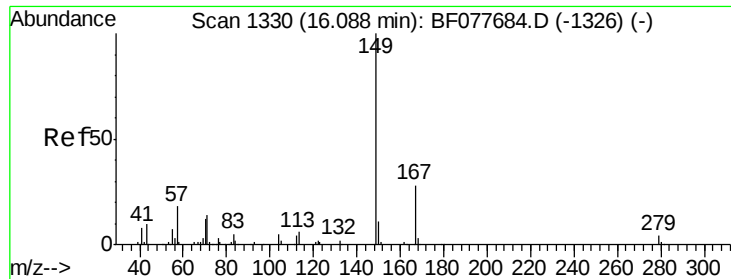
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#82
 Chrysene
 Concen: 48.92 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.9	15.5	23.3





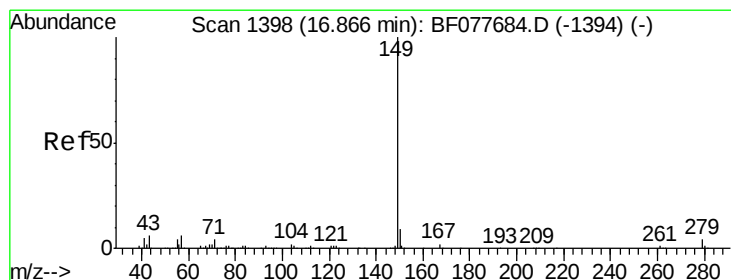
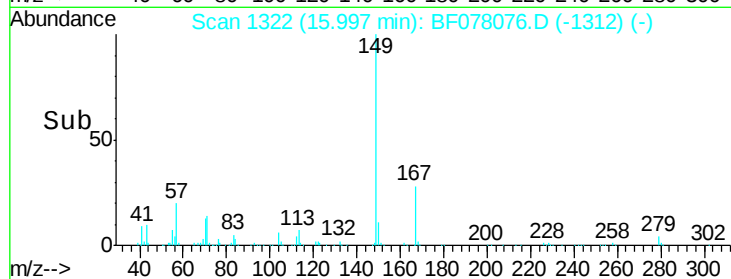
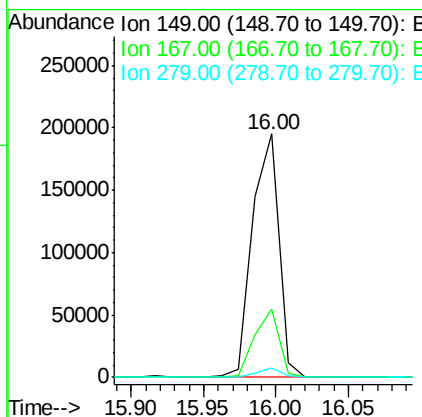
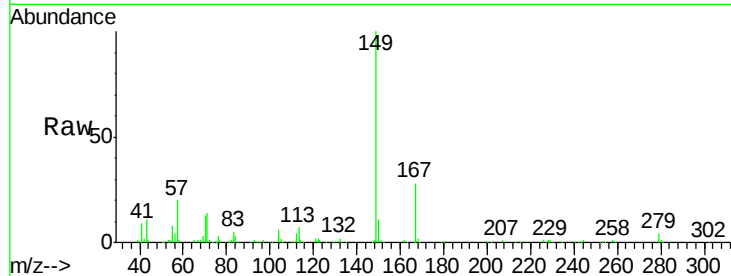
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.65 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	3.8	3.4	5.0

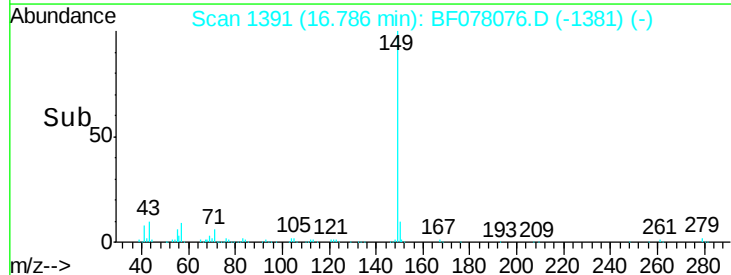
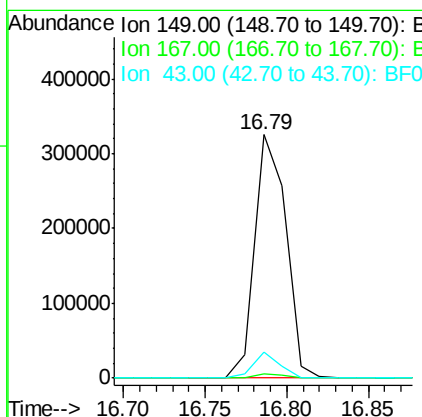
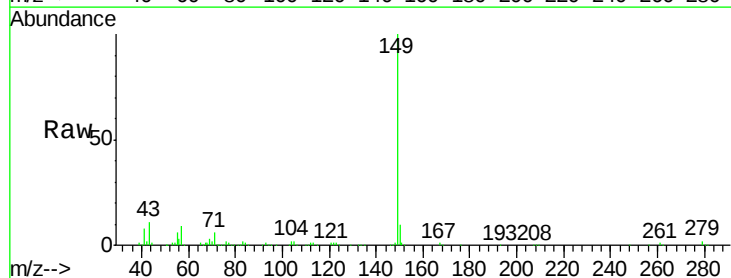
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#84
 Di-n-octyl phthalate
 Concen: 42.57 ng
 RT: 16.79 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.9	7.3	10.9





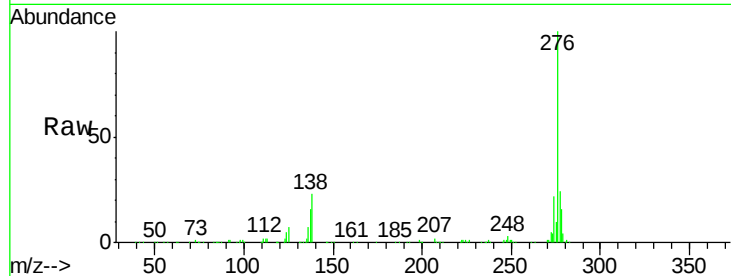
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.21 ng
RT: 19.03 min Scan# 1587
Delta R.T. 0.05 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

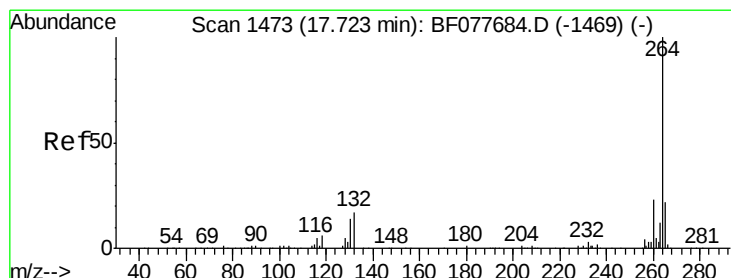
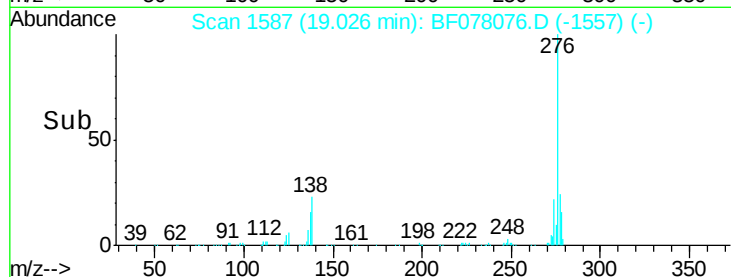
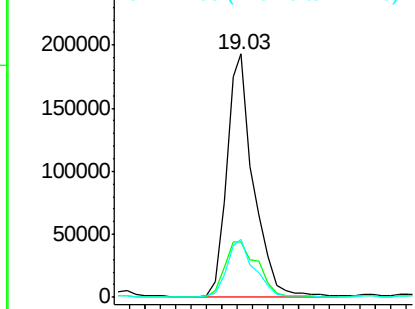
Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.1	0.0	0.0#
277	24.8	0.0	0.0#

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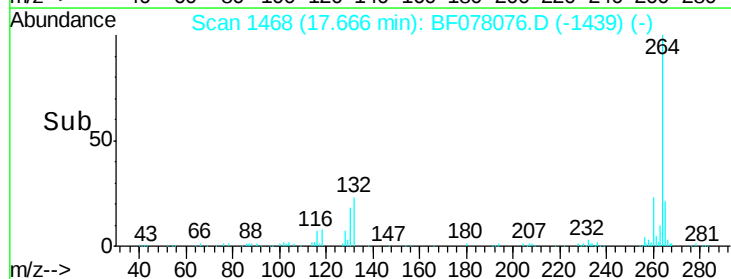
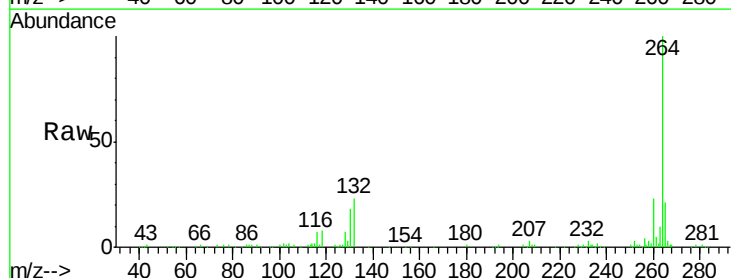
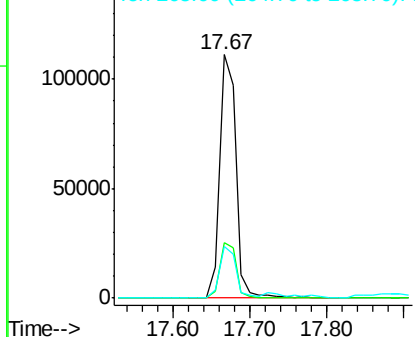
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

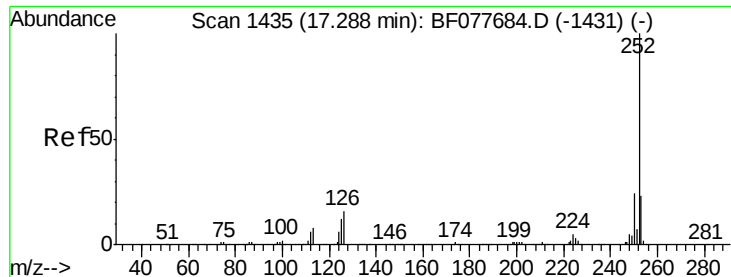


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.67 min Scan# 1468
Delta R.T. 0.03 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.6	18.6	27.8
265	21.3	17.3	25.9

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





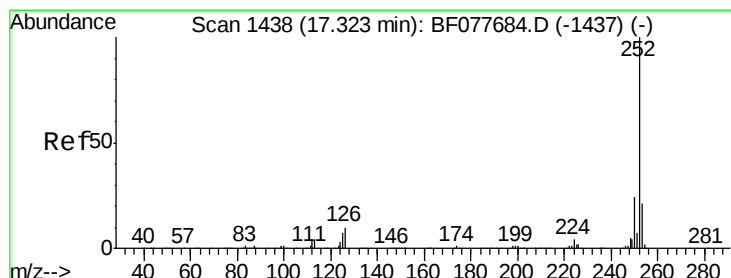
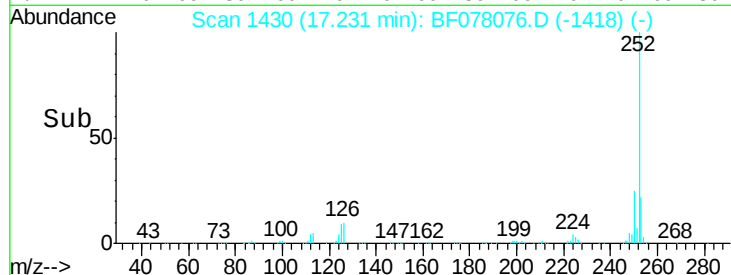
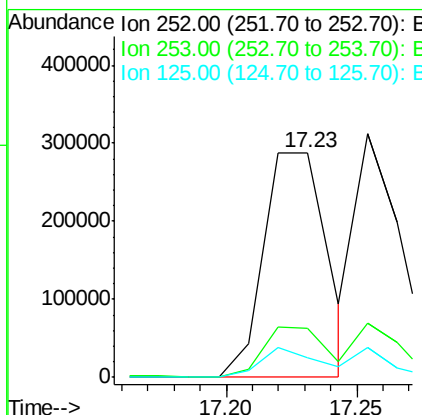
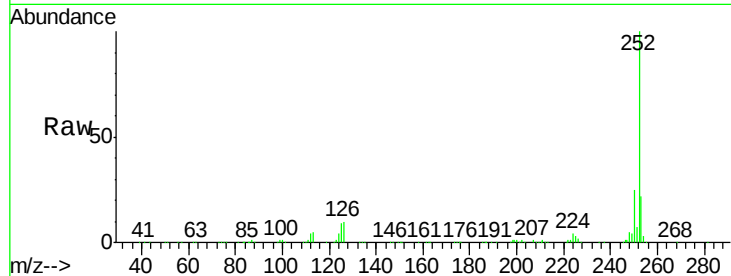
#87
Benzo(b)fluoranthene
Concen: 45.14 ng
RT: 17.23 min Scan# 1430
Delta R.T. 0.03 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	8.6	9.9	14.9

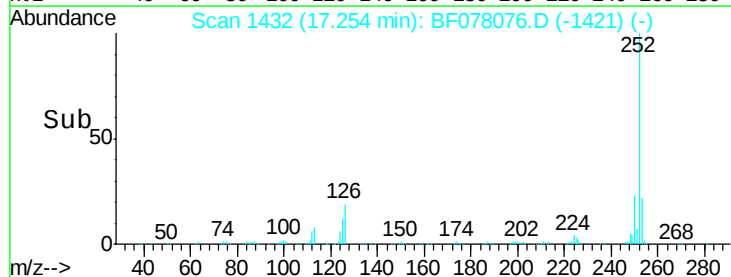
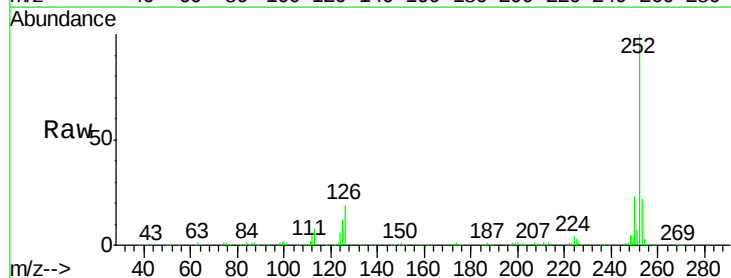
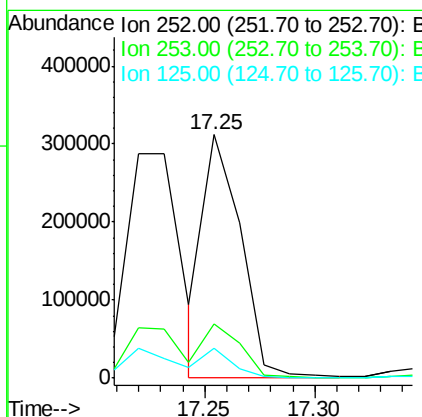
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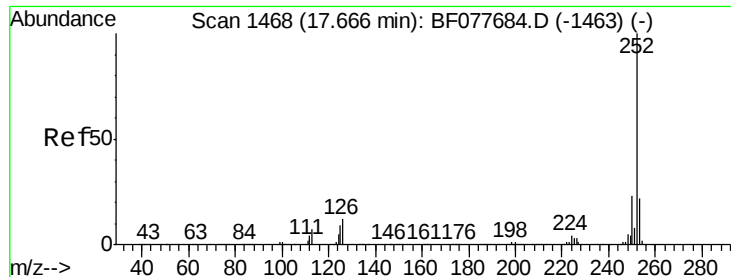
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#88
Benzo(k)fluoranthene
Concen: 43.74 ng m
RT: 17.25 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	12.4	8.1	12.1





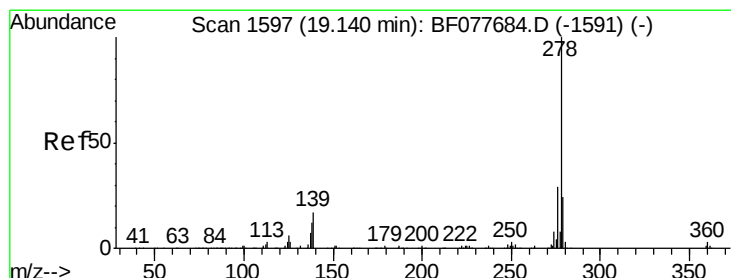
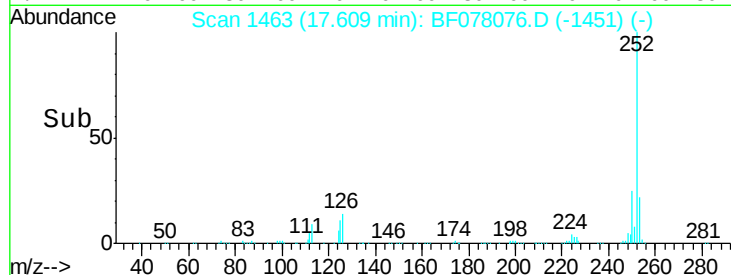
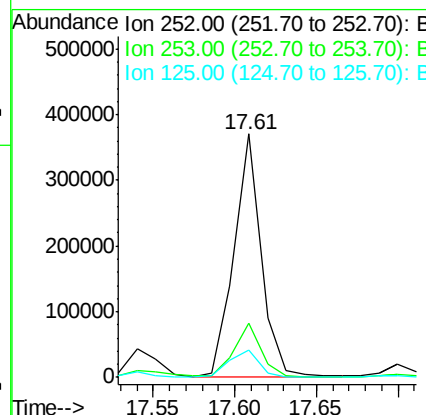
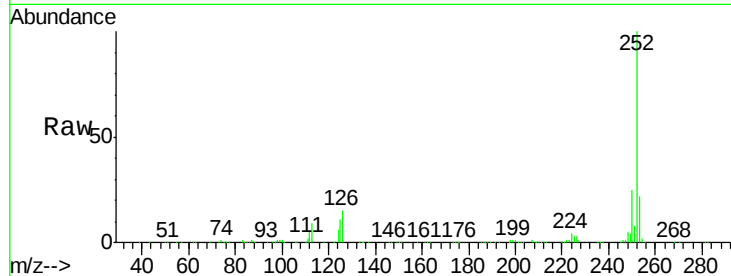
#89
Benzo(a)pyrene
Concen: 46.87 ng
RT: 17.61 min Scan# 1463
Delta R.T. 0.03 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.3	7.4	11.2

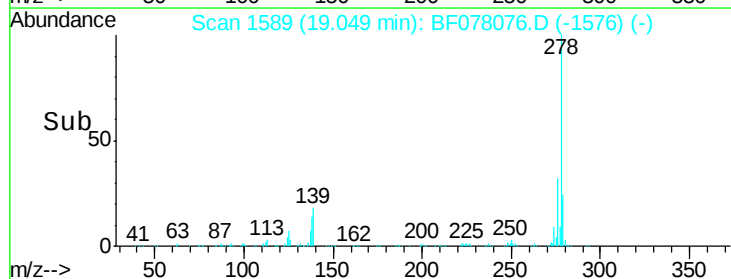
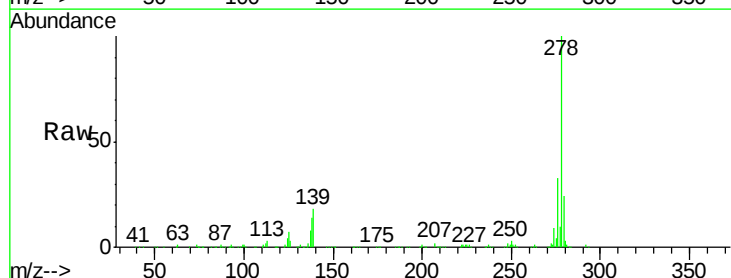
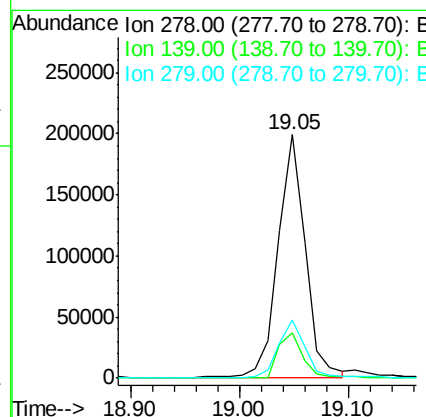
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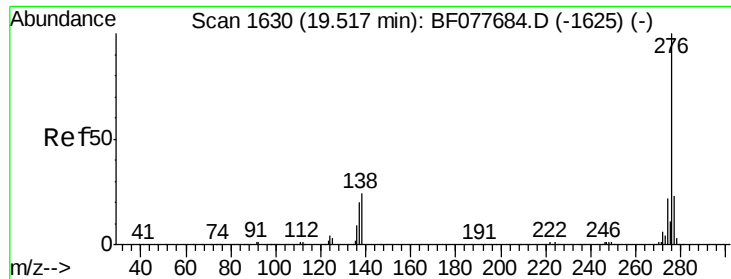
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#90
Dibenzo(a,h)anthracene
Concen: 38.65 ng
RT: 19.05 min Scan# 1589
Delta R.T. 0.05 min
Lab File: BF078076.D
Acq: 28 Mar 2015 12:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.4	20.0
279	24.1	19.0	28.4





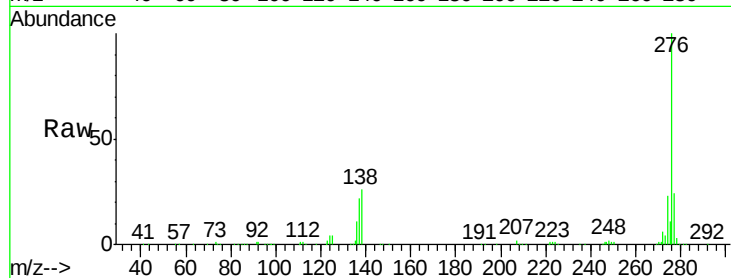
#91
 Benzo(a,h,i)perylene
 Concen: 42.95 ng
 RT: 19.41 min Scan# 1621
 Delta R.T. 0.03 min
 Lab File: BF078076.D
 Acq: 28 Mar 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MS

Tot Ion:	276	Resp:	392697
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.5	27.7
138	25.9	19.0	28.6

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

