

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077793.D
 Acq On : 18 Mar 2015 10:49
 Operator : TP/IZ
 Sample : G1544-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Manual Integrations
 APPROVED

mohammad
 3/20/2015 1:47:56 PM

Quant Time: Mar 19 01:28:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 13:16:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	42248	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	171113	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	84726	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	161890	20.00	ng	0.00
75) Chrysene-d12	16.05	240	174880	20.00	ng	-0.08
86) Perylene-d12	17.86	264	162935	20.00	ng	-0.24

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	209242	86.45	ng	0.01
7) Phenol-d6	6.73	99	280026	93.64	ng	0.00
23) Nitrobenzene-d5	7.85	82	148934	57.05	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	66126	81.57	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	342062	59.33	ng	0.00
78) Terphenyl-d14	14.74	244	386430m	53.98	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	24606	22.39	ng	# 100
3) Pyridine	2.76	79	62068	21.02	ng	97
4) n-Nitrosodimethylamine	2.68	42	26096	20.30	ng	97
6) Aniline	6.75	93	67881	15.87	ng	# 78
8) 2-Chlorophenol	6.89	128	82436	28.61	ng	99
9) Benzaldehyde	6.60	77	5436	4.44	ng	93
10) Phenol	6.74	94	101155	28.62	ng	87
11) bis(2-Chloroethyl)ether	6.85	93	74242	28.04	ng	98
12) 1,3-Dichlorobenzene	7.08	146	85641	26.73	ng	98
13) 1,4-Dichlorobenzene	7.18	146	86350	25.93	ng	99
14) 1,2-Dichlorobenzene	7.37	146	83176	27.25	ng	99
15) Benzyl Alcohol	7.34	79	63278	27.11	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.53	45	99302	27.83	ng	100
17) 2-Methylphenol	7.49	107	66578	28.39	ng	99
18) Hexachloroethane	7.78	117	29406	26.93	ng	95
19) n-Nitroso-di-n-propylamine	7.68	70	53986	26.10	ng	98
20) 3+4-Methylphenols	7.69	107	84761	27.54	ng	95
22) Acetophenone	7.66	105	111228	29.36	ng	# 99
24) Nitrobenzene	7.88	77	77009	27.38	ng	# 79
25) Isophorone	8.18	82	145586	27.62	ng	100
26) 2-Nitrophenol	8.27	139	38075	27.65	ng	94
27) 2,4-Dimethylphenol	8.34	122	75486	30.10	ng	99
28) bis(2-Chloroethoxy)methane	8.46	93	93353	29.17	ng	99
29) 2,4-Dichlorophenol	8.57	162	69257	28.97	ng	96
30) 1,2,4-Trichlorobenzene	8.67	180	72399	27.06	ng	99
31) Naphthalene	8.76	128	238696	27.16	ng	99
32) Benzoic acid	8.43	122	22463	18.11	ng	93
33) 4-Chloroaniline	8.84	127	66041	18.52	ng	96
34) Hexachlorobutadiene	8.92	225	40205	26.52	ng	99
35) Caprolactam	9.25	113	19988	28.61	ng	99
36) 4-Chloro-3-methylphenol	9.45	107	69189	28.76	ng	91
37) 2-Methylnaphthalene	9.62	142	167660	28.40	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	71392	28.25	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	63886	51.67	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 13:16:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	48836	27.90	nq	96
43) 2,4,5-Trichlorophenol	10.02	196	51575	27.27	nq #	87
45) 1,1'-Biphenyl	10.20	154	197879	29.22	nq	97
46) 2-Chloronaphthalene	10.22	162	155535	28.26	nq	97
47) 2-Nitroaniline	10.35	65	39918	29.20	nq #	81
48) Acenaphthylene	10.73	152	245374	26.81	nq	99
49) Dimethylphthalate	10.59	163	186307	29.65	nq	100
50) 2,6-Dinitrotoluene	10.67	165	37929	29.12	nq #	71
51) Acenaphthene	10.94	154	142168	27.09	nq	99
52) 3-Nitroaniline	10.86	138	36693	24.26	nq	88
53) 2,4-Dinitrophenol	11.00	184	23045	51.36	nq #	76
54) Dibenzofuran	11.16	168	227034	29.17	nq	96
55) 4-Nitrophenol	11.08	139	62483	55.76	nq #	66
56) 2,4-Dinitrotoluene	11.16	165	52898	31.14	nq #	79
57) Fluorene	11.58	166	180967	28.00	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	39309	26.99	nq #	100
59) Diethylphthalate	11.47	149	178385	29.13	nq	97
60) 4-Chlorophenyl-phenylether	11.60	204	82140	27.85	nq	91
61) 4-Nitroaniline	11.62	138	43048	28.55	nq	86
62) Azobenzene	11.79	77	167450	28.61	nq	92
64) 4,6-Dinitro-2-methylphenol	11.66	198	17626	25.29	nq #	74
65) n-Nitrosodiphenylamine	11.74	169	157081	29.14	nq	99
66) 4-Bromophenyl-phenylether	12.20	248	50963	29.50	nq #	87
67) Hexachlorobenzene	12.26	284	53615	28.24	nq #	92
68) Atrazine	12.42	200	46156	30.55	nq	96
69) Pentachlorophenol	12.51	266	53078	54.41	nq	98
70) Phenanthrene	12.77	178	267463	28.78	nq	98
71) Anthracene	12.84	178	270946	29.51	nq	99
72) Carbazole	13.05	167	263010	30.11	nq	98
73) Di-n-butylphthalate	13.51	149	274484	28.03	nq	99
74) Fluoranthene	14.25	202	281825	27.49	nq	94
76) Benzidine	14.44	184	116097m	26.68	nq	
77) Pyrene	14.53	202	309669m	28.16	nq	
79) Butylbenzylphthalate	15.37	149	114982	26.52	nq	89
80) Benzo(a)anthracene	16.04	228	287139	27.70	nq	98
81) 3,3'-Dichlorobenzidine	16.02	252	77786	22.75	nq	99
82) Chrysene	16.08	228	261052	28.01	nq	99
83) Bis(2-ethylhexyl)phthalate	16.11	149	186079	28.33	nq #	96
84) Di-n-octyl phthalate	16.93	149	270399m	24.08	nq	
85) Indeno(1,2,3-cd)pyrene	19.28	276	289891m	24.92	nq	
87) Benzo(b)fluoranthene	17.39	252	256620	24.13	nq	97
88) Benzo(k)fluoranthene	17.43	252	279987m	33.70	nq	
89) Benzo(a)pyrene	17.79	252	256652	28.92	nq #	98
90) Dibenzo(a,h)anthracene	19.30	278	246469m	28.00	nq	
91) Benzo(g,h,i)perylene	19.69	276	250585m	27.96	nq	

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

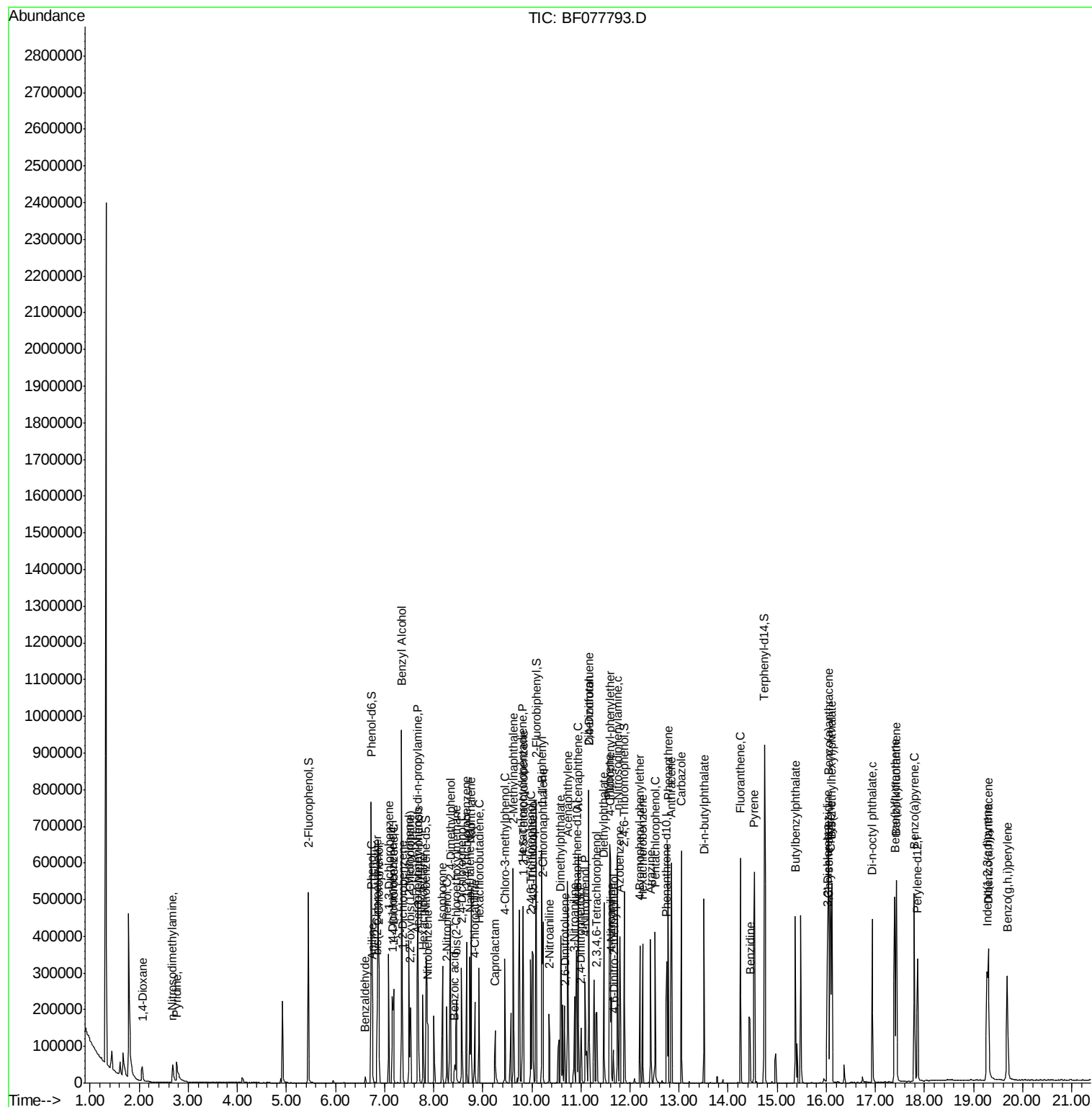
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#1

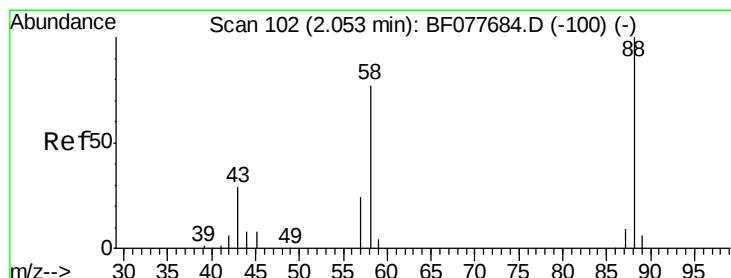
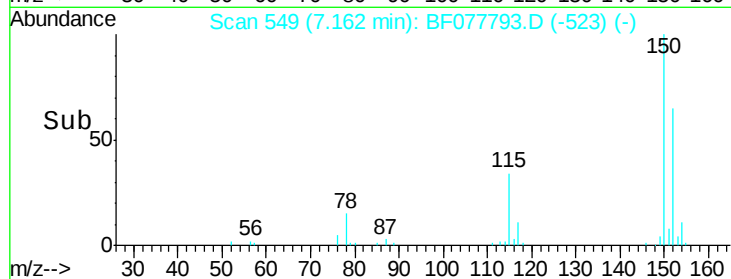
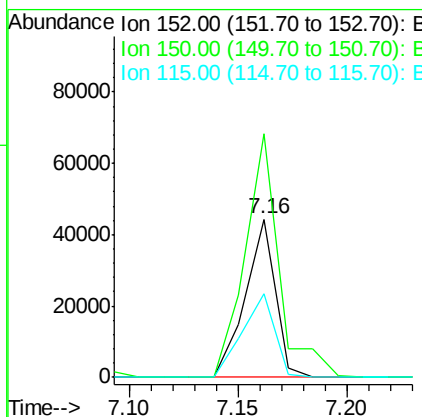
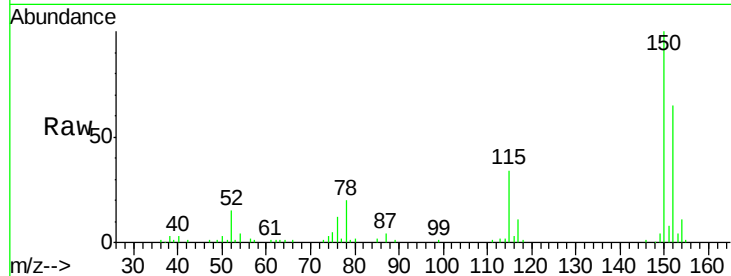
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	119.5	179.3
115	53.2	43.0	64.4

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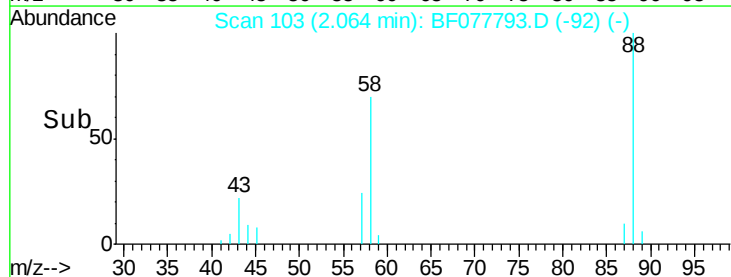
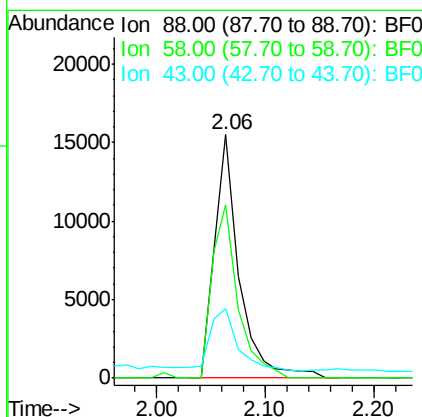
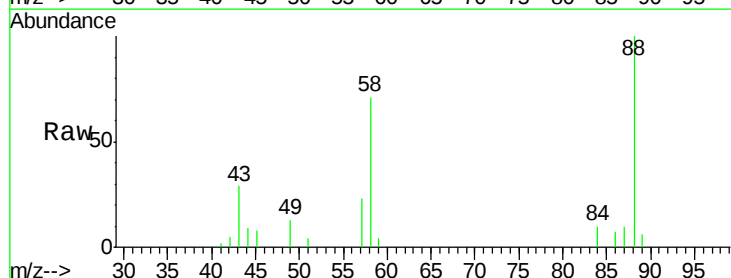
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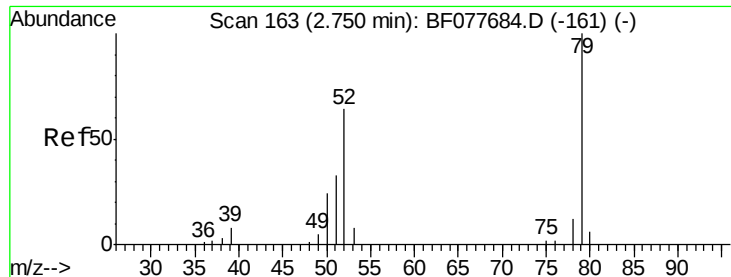


#2

1,4-Dioxane
Concen: 22.39 ng
RT: 2.06 min Scan# 103
Delta R.T. 0.02 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	0.0	0.0#
43	29.2	0.0	0.0#





#3

Pvridine

Concen: 21.02 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.03 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

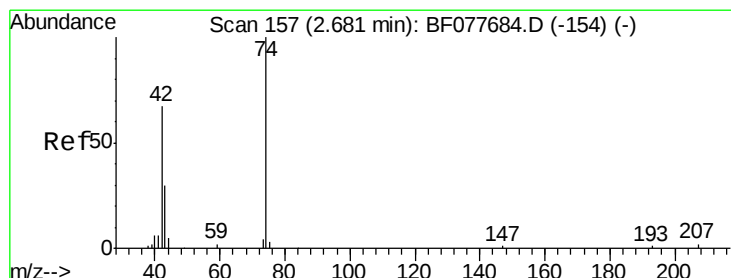
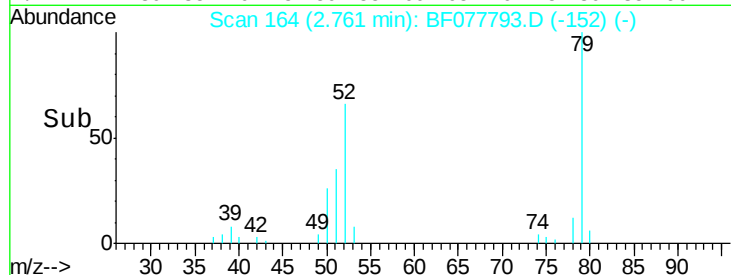
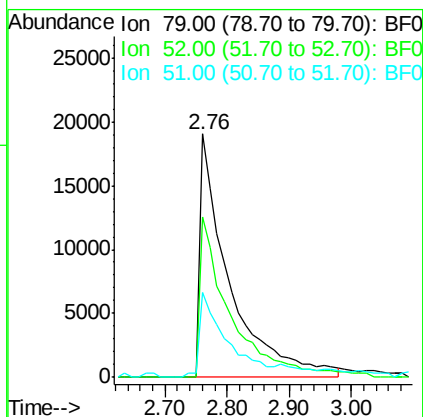
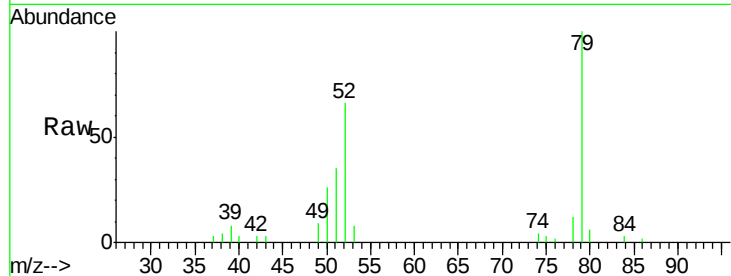
ClientSampleId :

SB-12(13-15)MS

Tot Ion:	79	Resp:	62068
Ion	Ratio	Lower	Upper
79	100		
52	66.0	51.1	76.7
51	35.1	26.1	39.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 20.30 ng

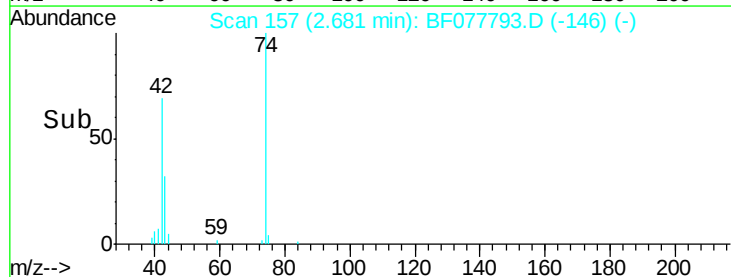
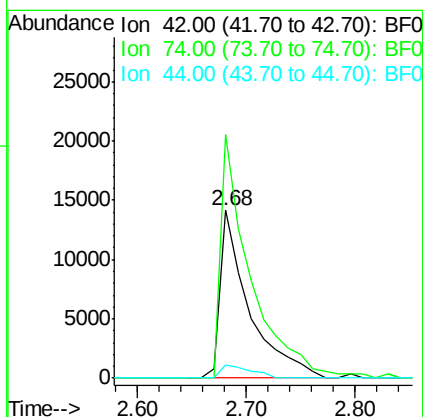
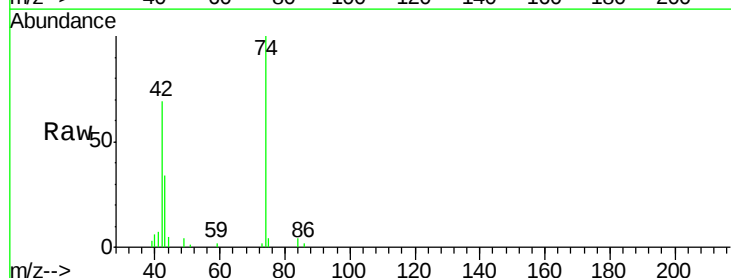
RT: 2.68 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:	42	Resp:	26096
Ion	Ratio	Lower	Upper
42	100		
74	145.3	119.3	178.9
44	7.9	5.4	8.2





#5

2-Fluorophenol

Concen: 86.45 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

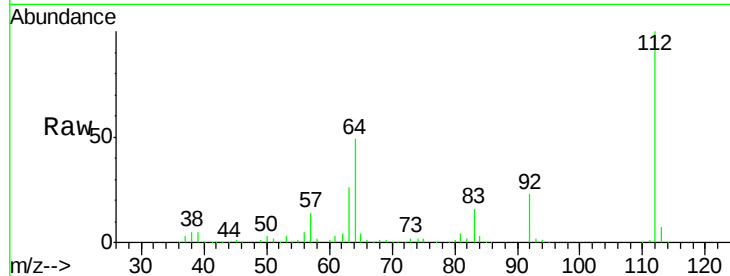
ClientSampleId :

SB-12(13-15)MS

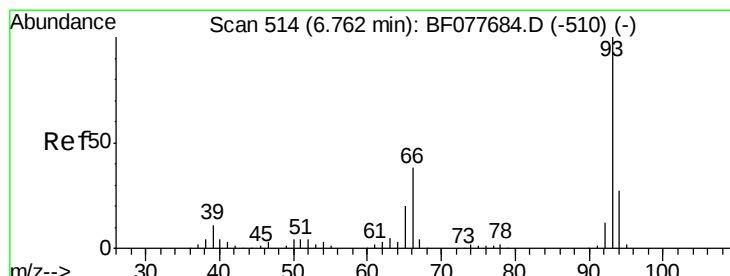
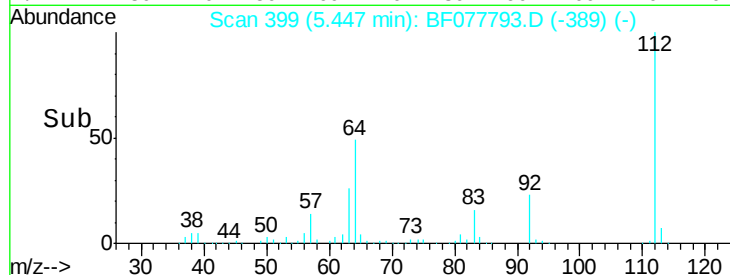
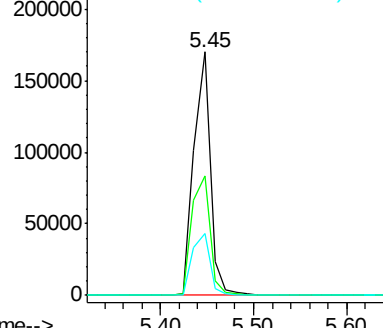
Tot Ion:	112	Resp:	209242
Ion Ratio	Lower	Upper	
112	100		
64	49.0	38.6	57.8
63	25.5	19.3	28.9

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF077793.D (-504) (-)



#6

Aniline

Concen: 15.87 ng

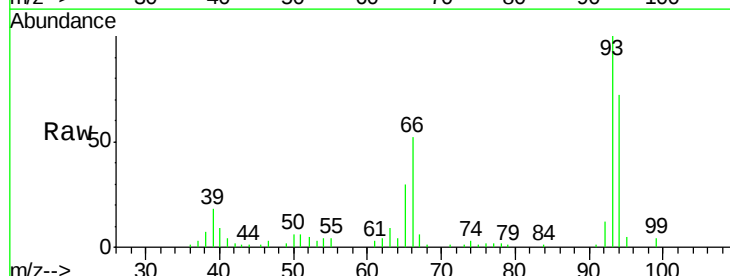
RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

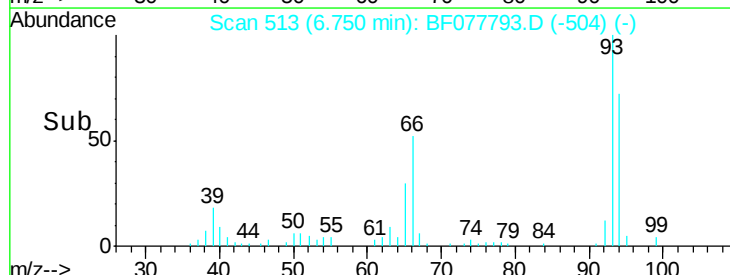
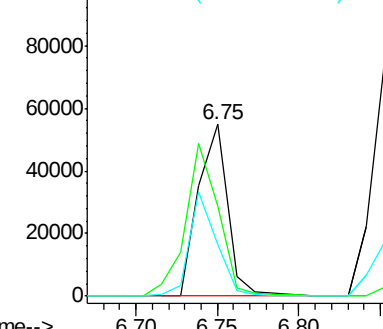
Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:	93	Resp:	67881
Ion Ratio	Lower	Upper	
93	100		
66	52.2	30.8	46.2#
65	30.2	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF077793.D (-504) (-)





#7

Phenol-d6

Concen: 93.64 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

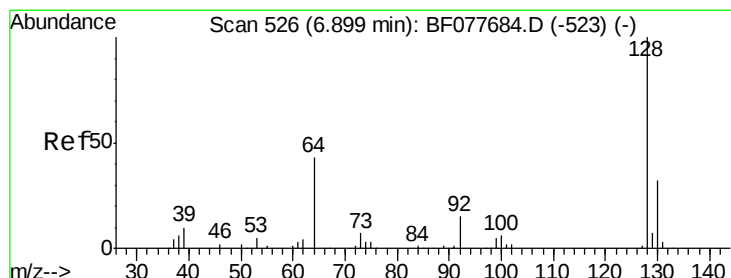
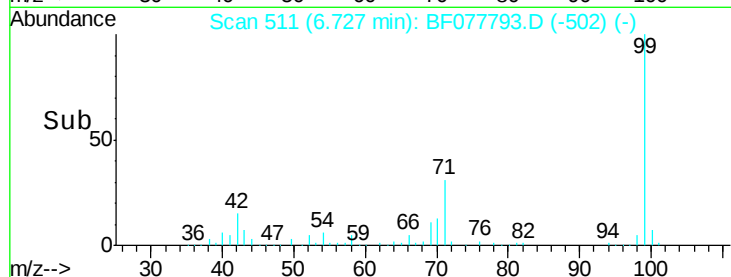
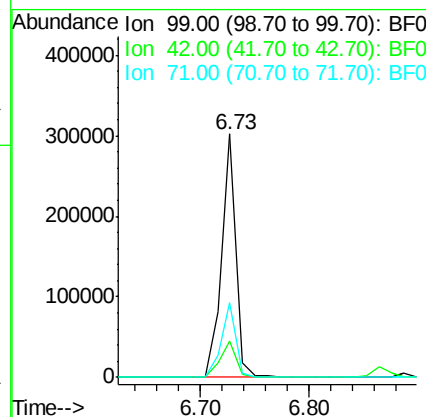
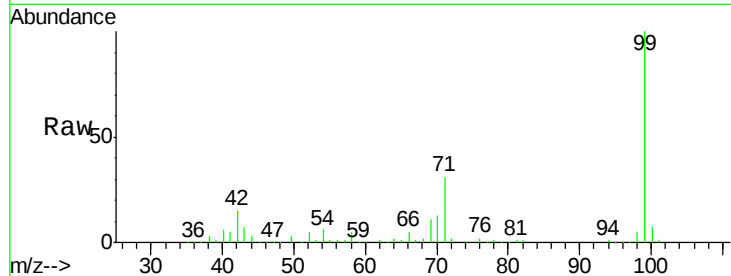
ClientSampleId :

SB-12(13-15)MS

Tot Ion:	99	Resp:	280026
Ion Ratio	Lower	Upper	
99	100		
42	14.7	11.0	16.4
71	30.6	23.4	35.2

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#8

2-Chlorophenol

Concen: 28.61 ng

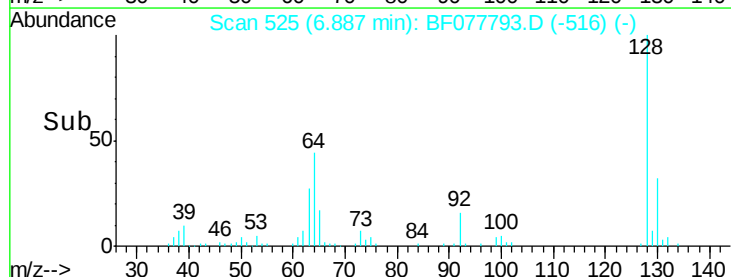
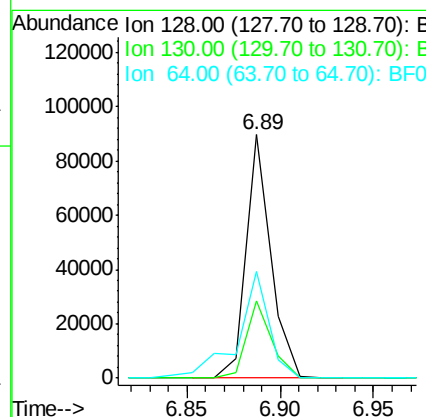
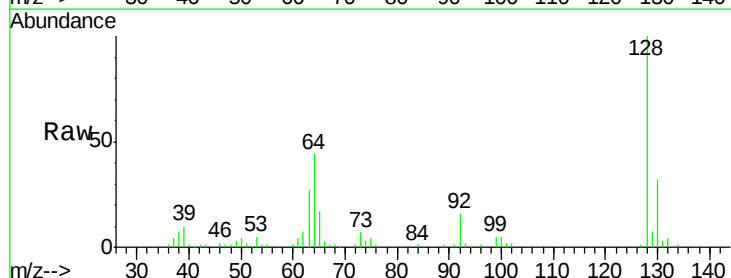
RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:	128	Resp:	82436
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.0	52.0
64	43.6	24.9	64.9





#9

Benzaldehyde

Concen: 4.44 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

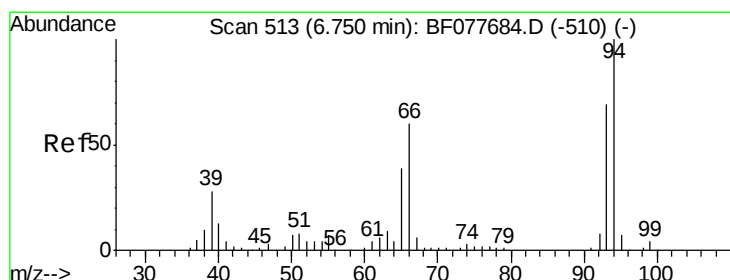
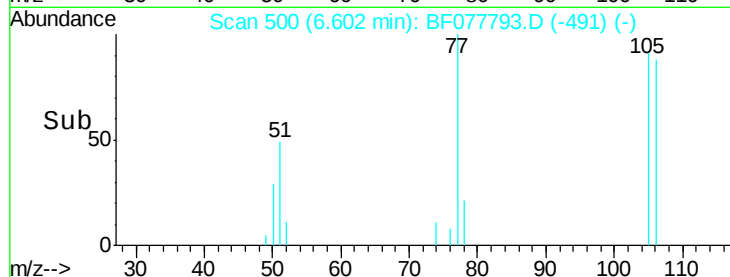
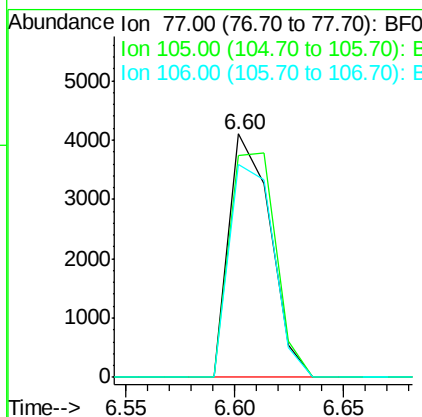
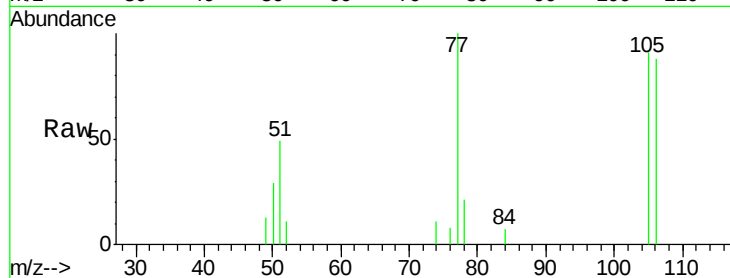
ClientSampleId :

SB-12(13-15)MS

Tot Ion:	77	Resp:	5436
Ion	Ratio	Lower	Upper
77	100		
105	91.3	78.8	118.8
106	87.6	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 28.62 ng

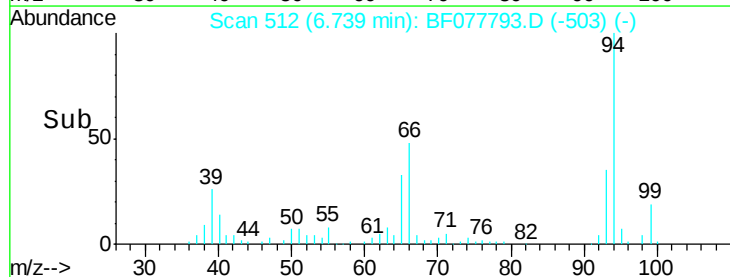
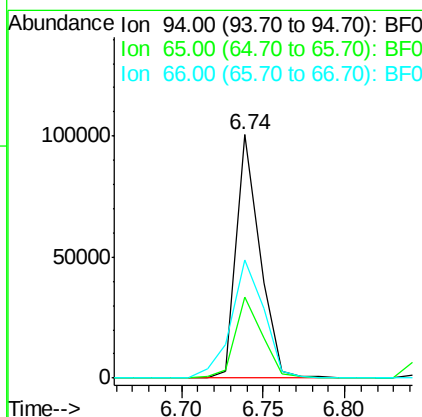
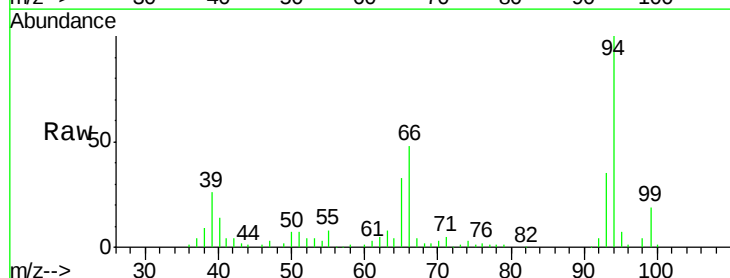
RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:	94	Resp:	101155
Ion	Ratio	Lower	Upper
94	100		
65	33.2	18.8	58.8
66	48.4	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 28.04 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

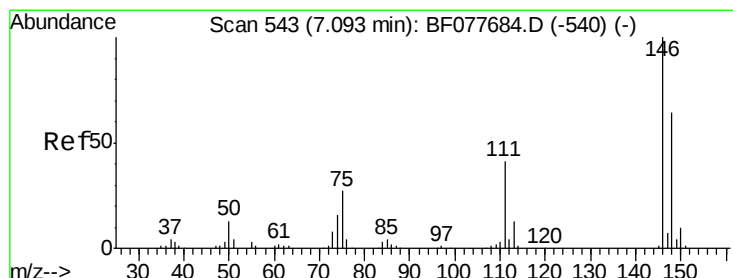
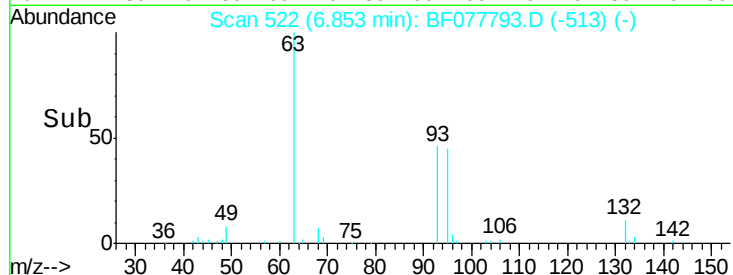
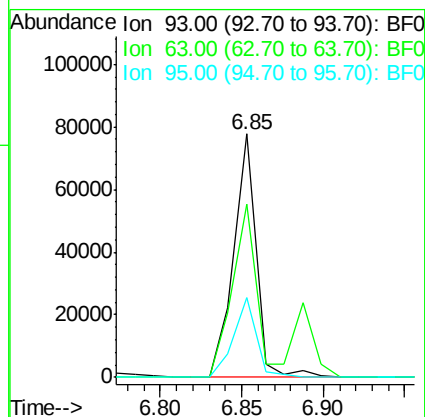
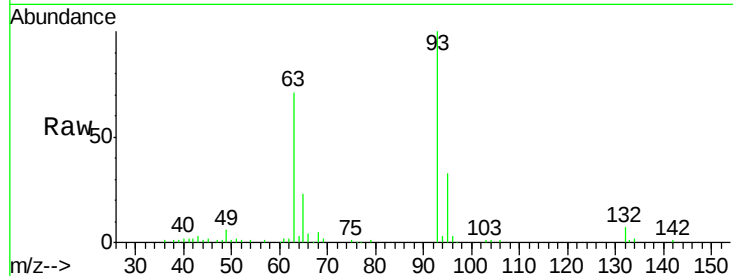
ClientSampleId :

SB-12(13-15)MS

Tot Ion:	93	Resp:	74242
Ion Ratio	Lower	Upper	
93	100		
63	71.0	49.5	89.5
95	32.7	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 26.73 ng

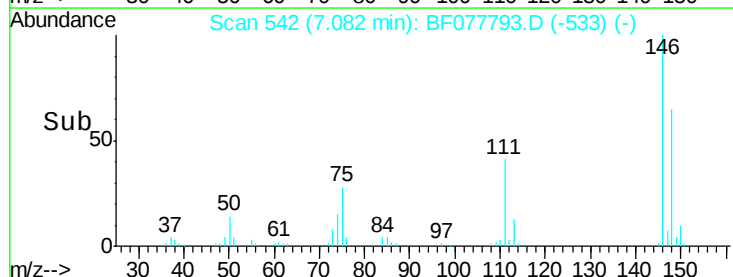
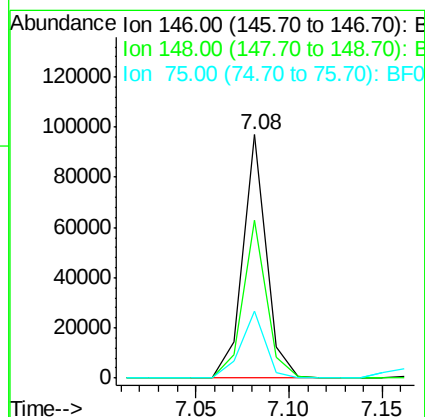
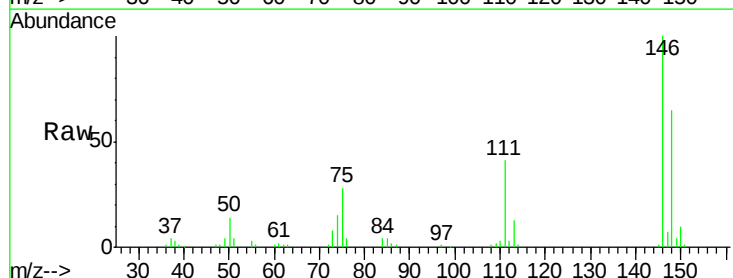
RT: 7.08 min Scan# 542

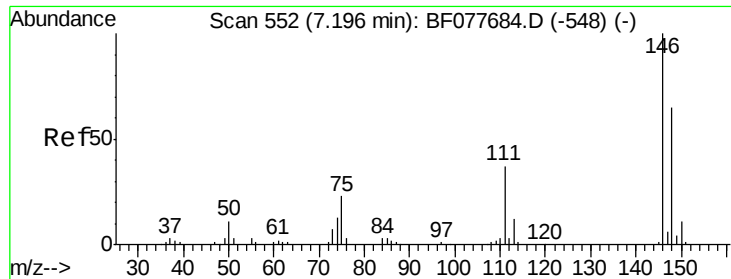
Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:	146	Resp:	85641
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.9	76.3
75	27.7	21.4	32.2





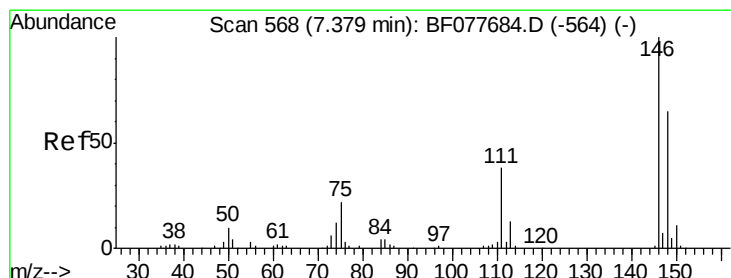
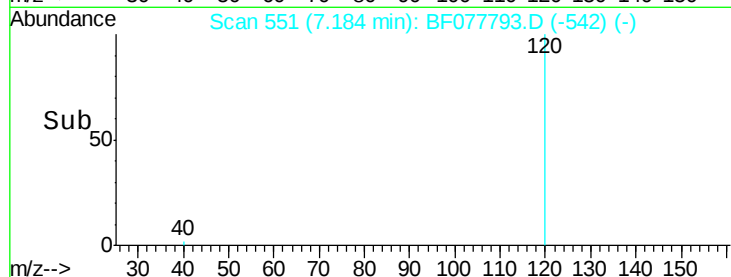
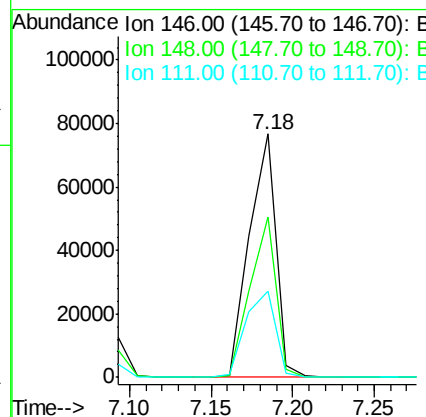
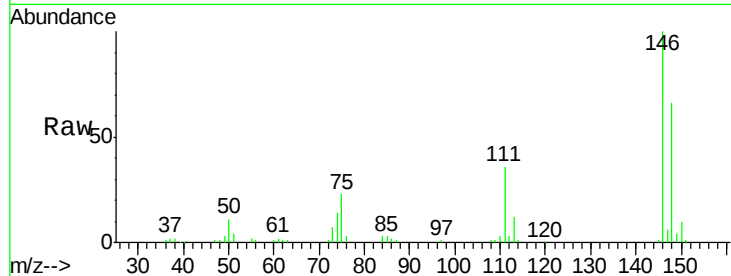
#13
 1,4-Dichlorobenzene
 Concen: 25.93 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	35.6	29.2	43.8

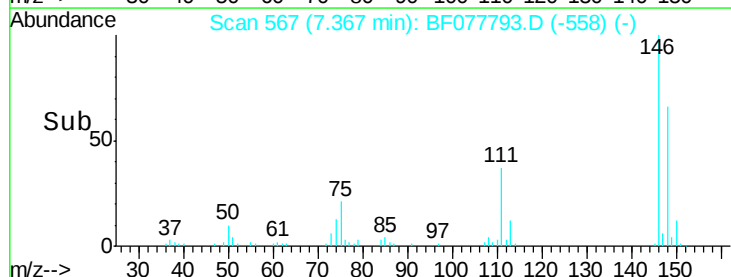
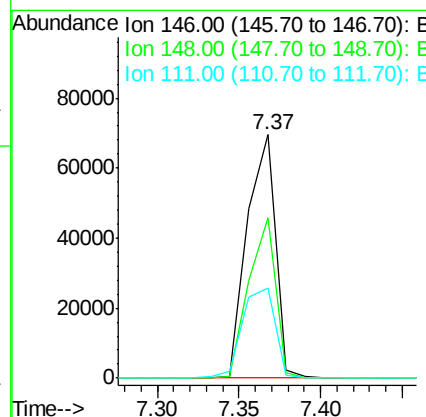
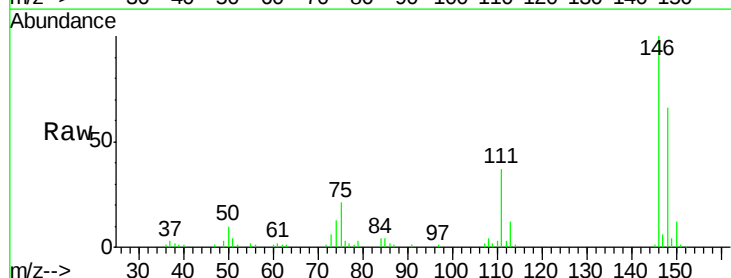
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#14
 1,2-Dichlorobenzene
 Concen: 27.25 ng
 RT: 7.37 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.3	78.5
111	36.9	30.6	45.8





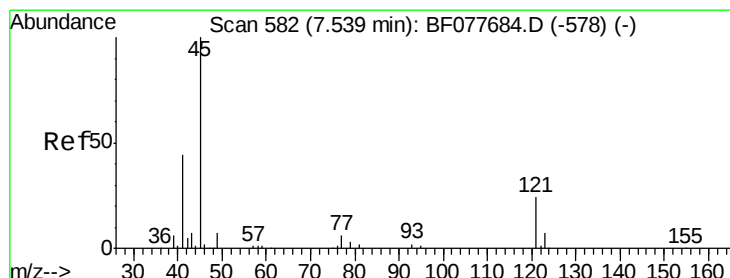
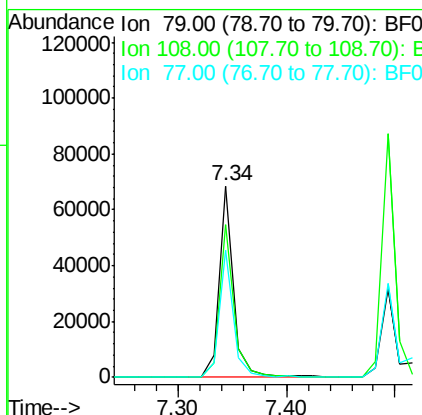
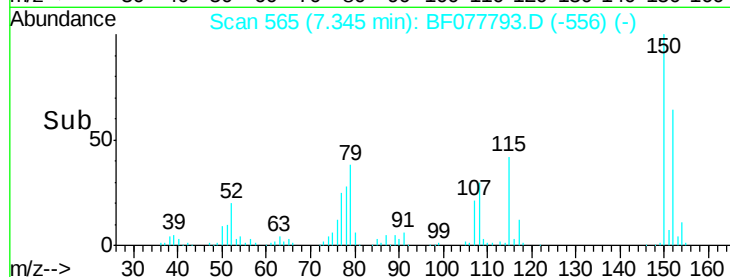
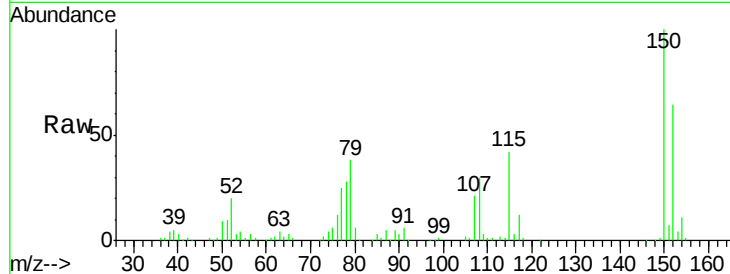
#15
Benzyl Alcohol
Concen: 27.11 ng
RT: 7.34 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	79.5	65.0	97.4		
77	66.0	53.0	79.6		

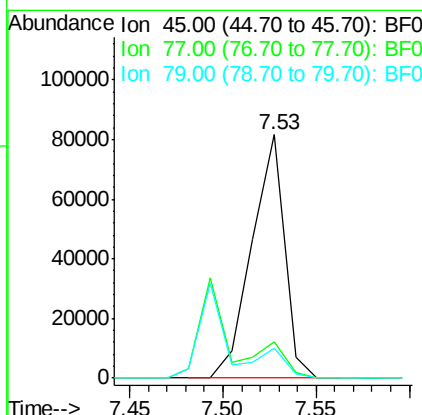
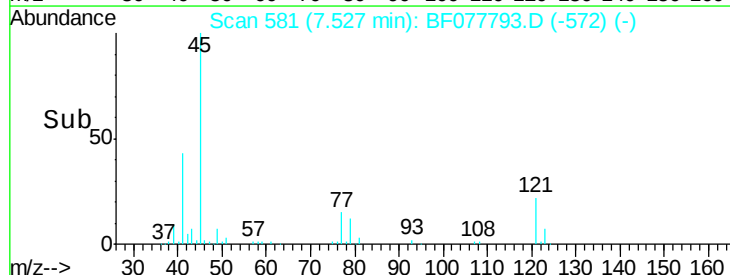
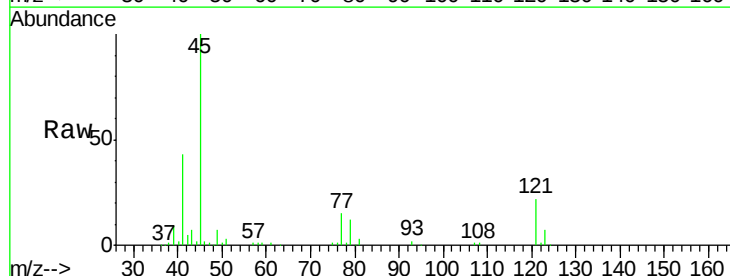
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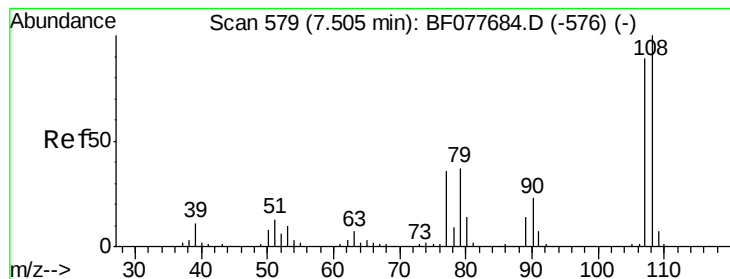
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#16
2,2'-oxybis(1-chloropropane)
Concen: 27.83 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	14.9	0.0	35.2		
79	12.1	0.0	32.0		





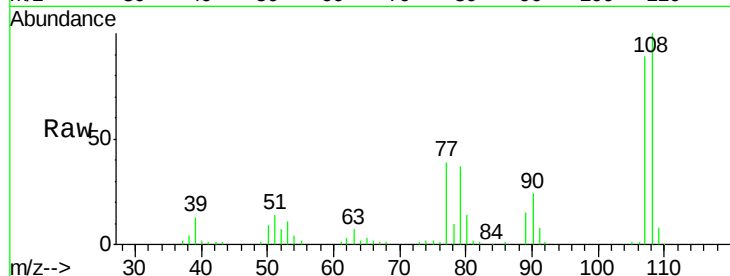
#17
2-Methylphenol
Concen: 28.39 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

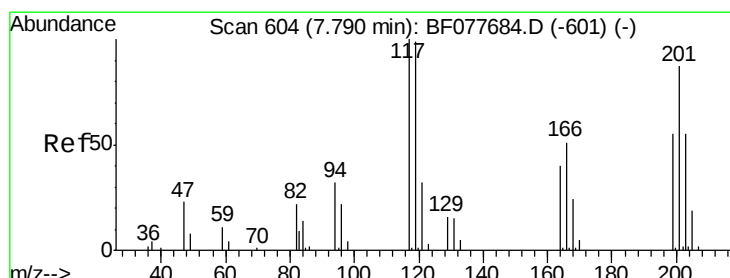
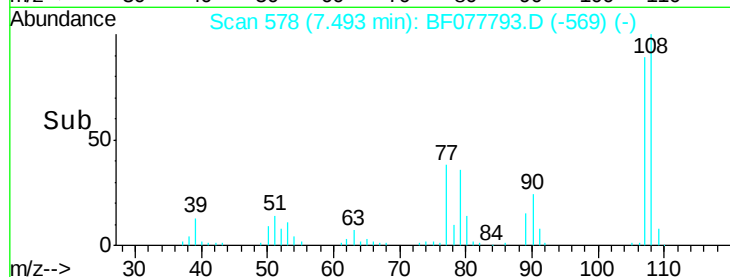
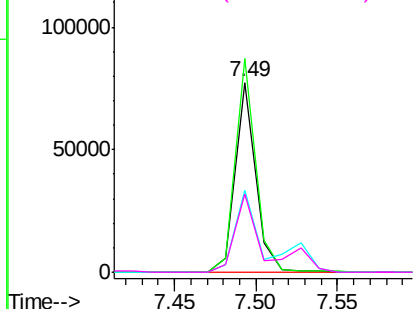
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.8	134.8
77	43.5	32.6	48.8
79	41.2	32.8	49.2

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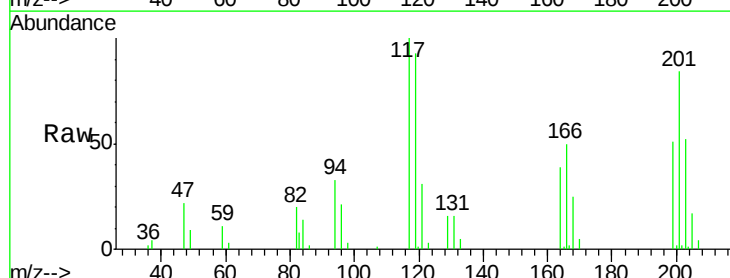


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

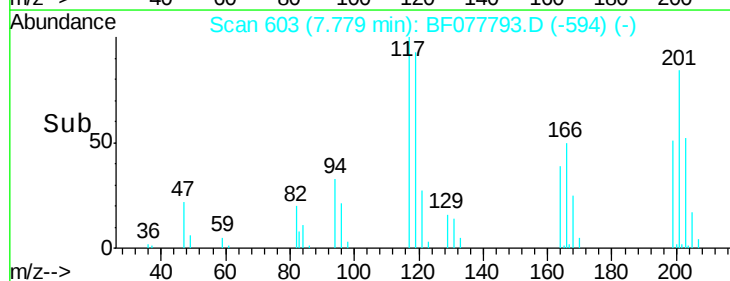
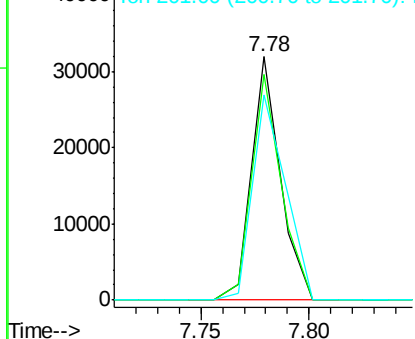


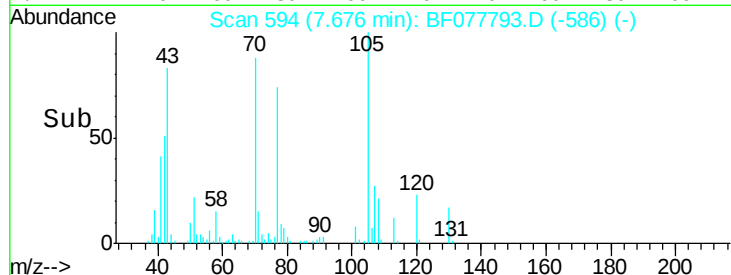
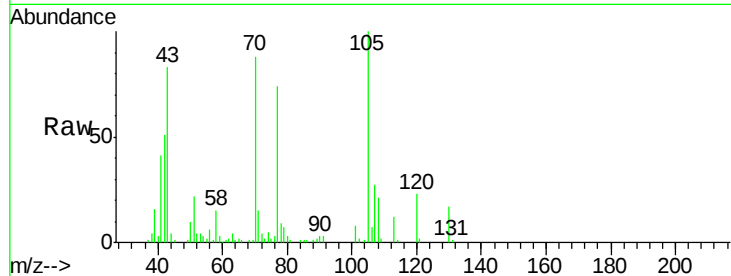
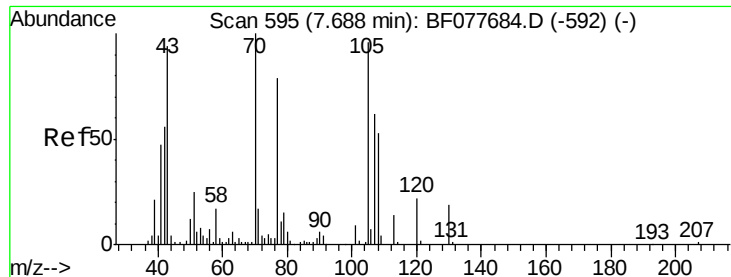
#18
Hexachloroethane
Concen: 26.93 ng
RT: 7.78 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	79.2	118.8
201	84.1	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





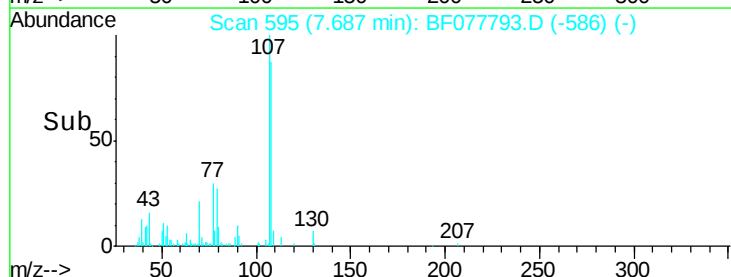
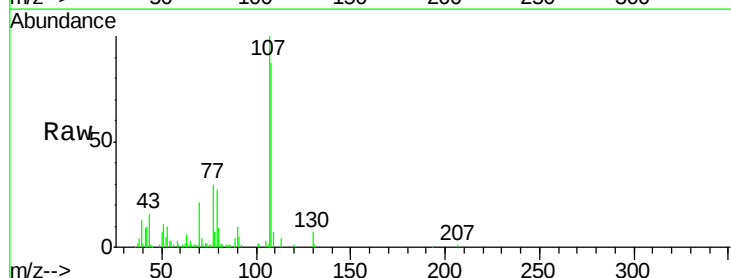
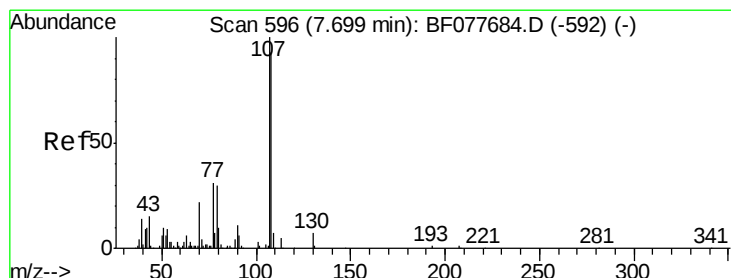
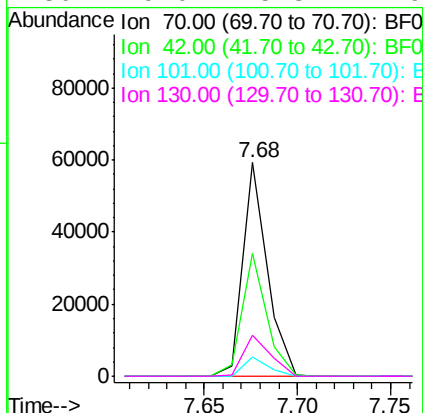
#19
n-Nitroso-di-n-propylamine
Concen: 26.10 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

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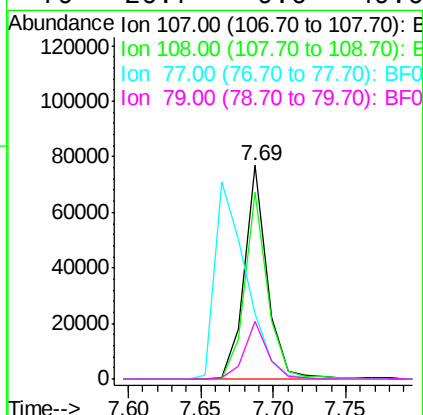
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Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	44.5	66.7	
101	9.0	7.4	11.2	
130	19.0	15.3	22.9	



#20
3+4-Methylphenols
Concen: 27.54 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	73.2	113.2	
77	30.5	10.7	50.7	
79	26.7	9.6	49.6	





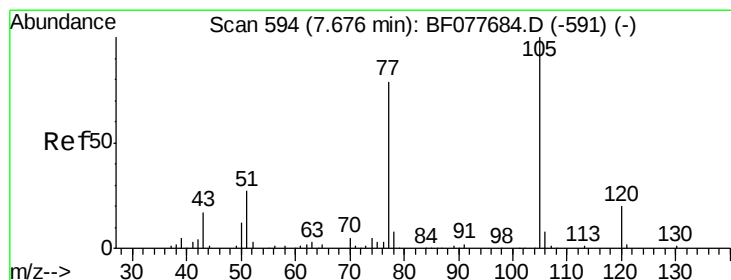
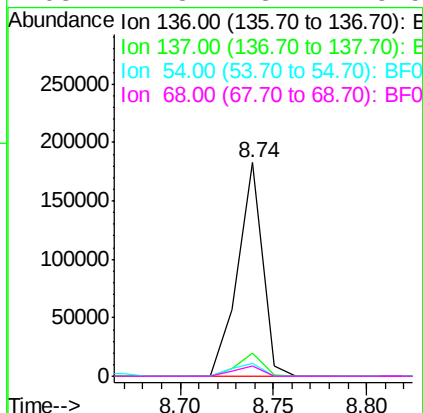
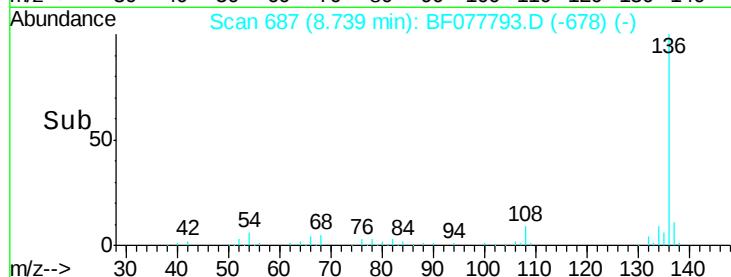
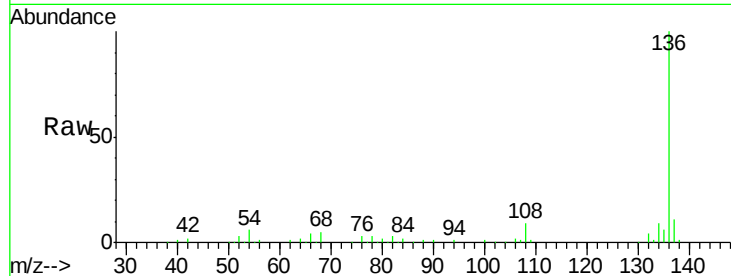
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		171113		
137	10.6		8.7	13.1	
54	6.1		4.6	6.8	
68	4.8		3.7	5.5	

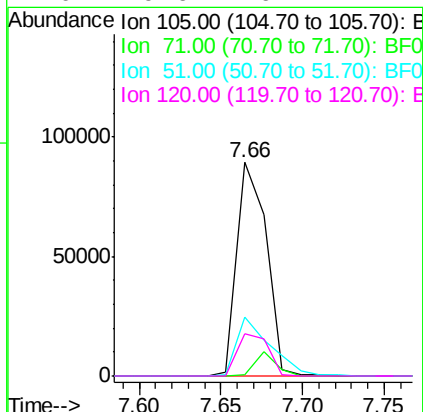
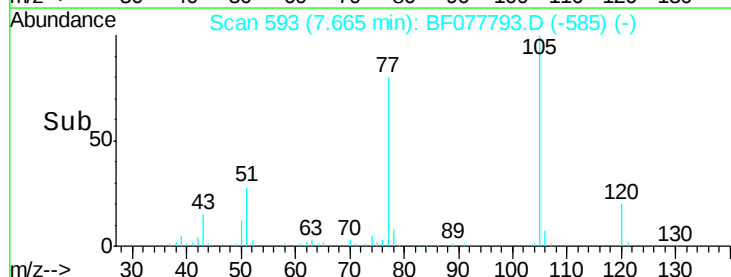
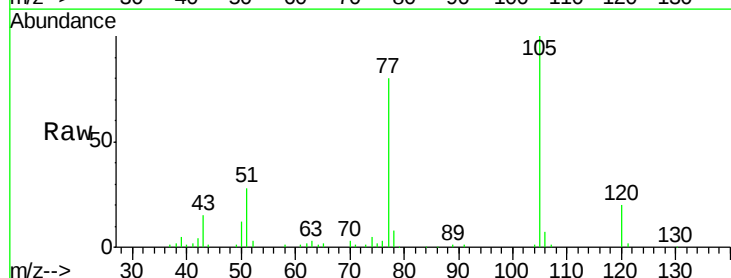
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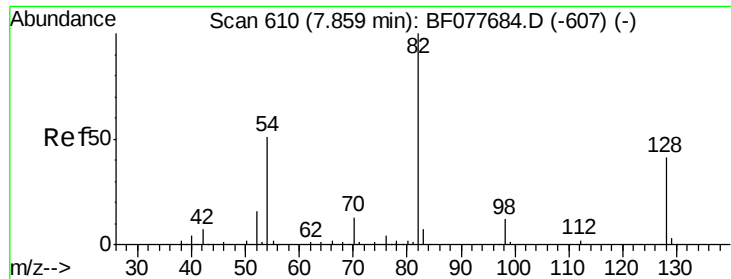
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#22
Acetophenone
Concen: 29.36 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		111228		
71	0.5		0.6	1.0#	
51	27.8		21.6	32.4	
120	19.6		16.1	24.1	





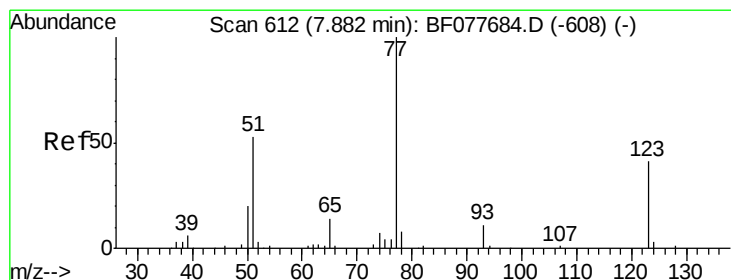
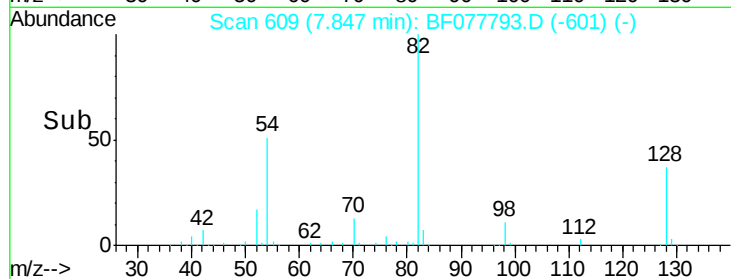
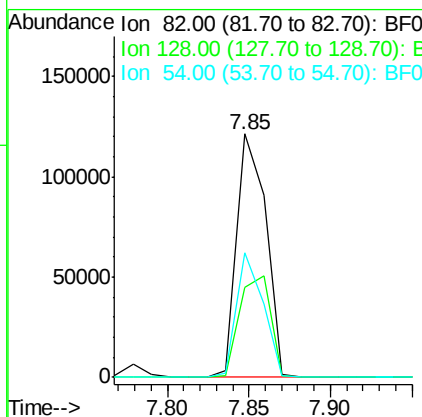
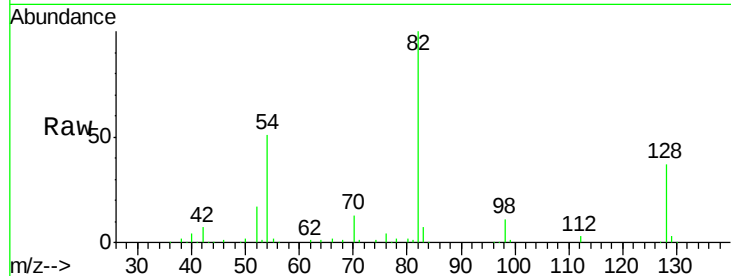
#23
 Nitrobenzene-d5
 Concen: 57.05 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	148934		
128	37.2	32.8	49.2	
54	50.9	40.6	60.8	

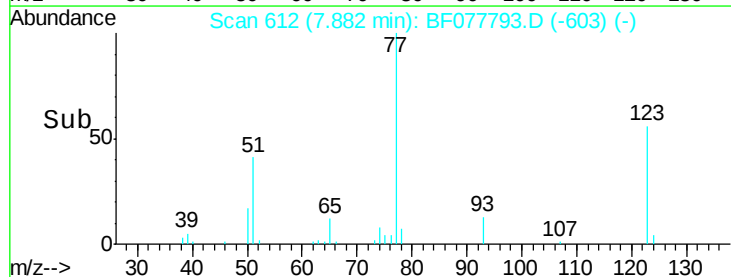
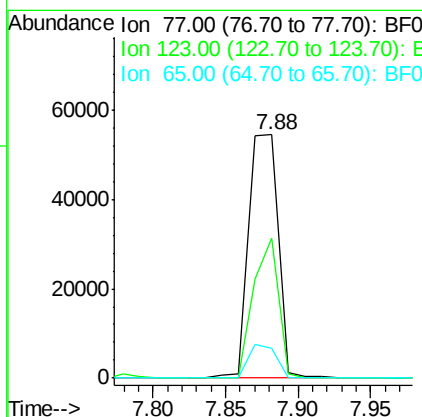
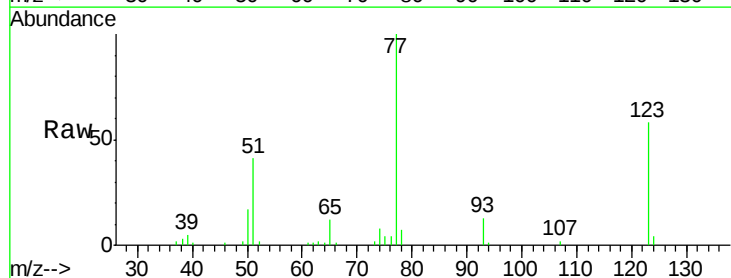
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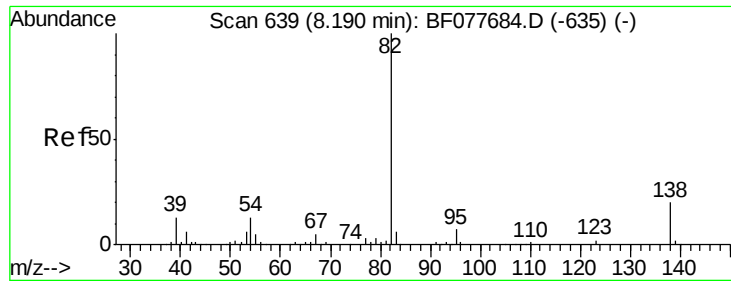
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#24
 Nitrobenzene
 Concen: 27.38 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	77009		
123	57.6	32.6	49.0#	
65	12.3	10.9	16.3	





#25

Isophorone

Concen: 27.62 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

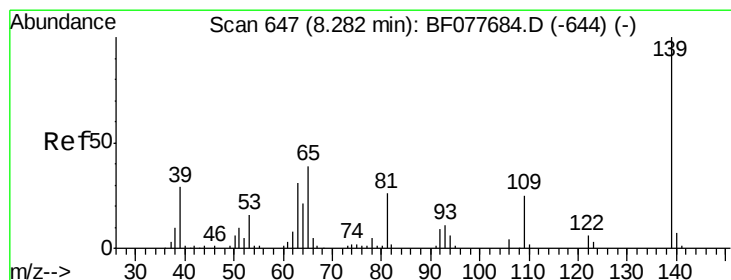
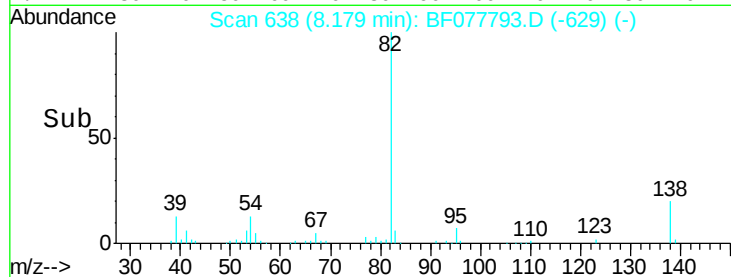
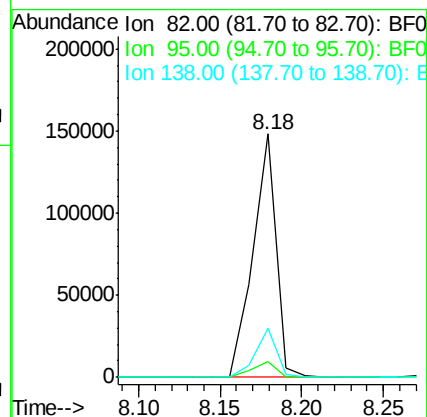
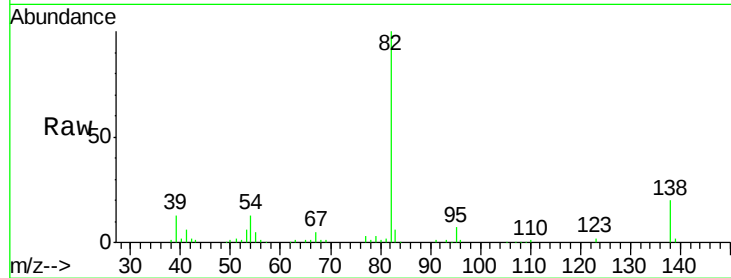
ClientSampleId :

SB-12(13-15)MS

Tot Ion:	82	Resp:	145586
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.8	8.6
138	20.4	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 27.65 ng

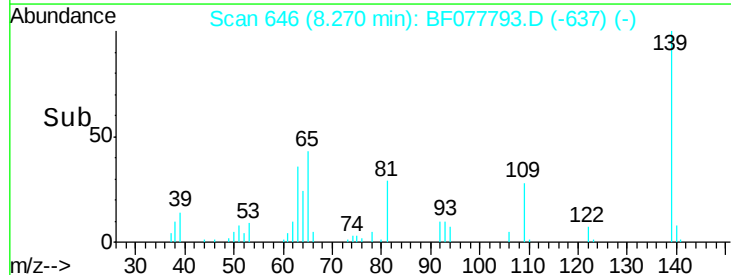
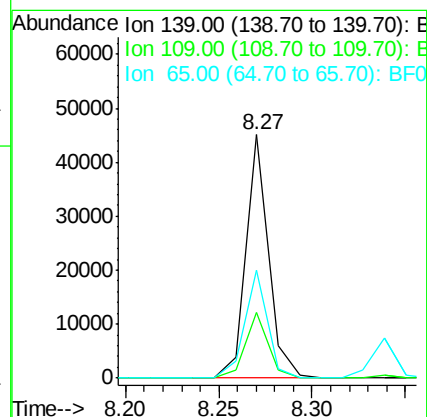
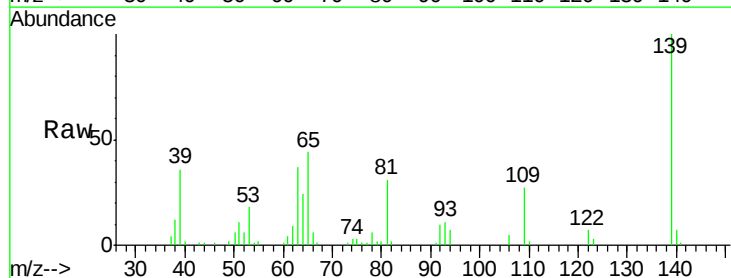
RT: 8.27 min Scan# 646

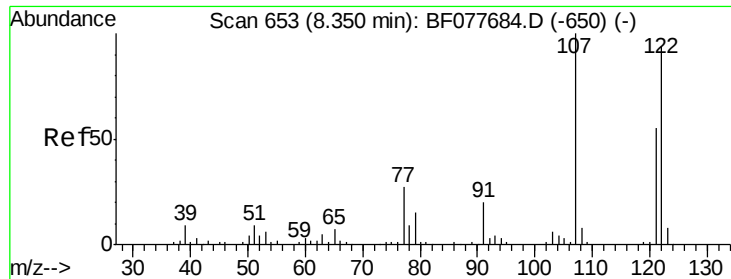
Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:	139	Resp:	38075
Ion Ratio		Lower	Upper
139	100		
109	27.1	20.1	30.1
65	44.2	31.5	47.3





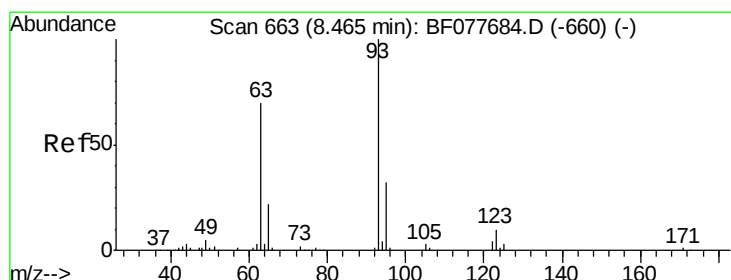
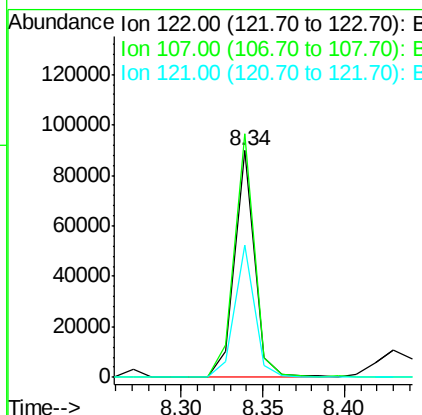
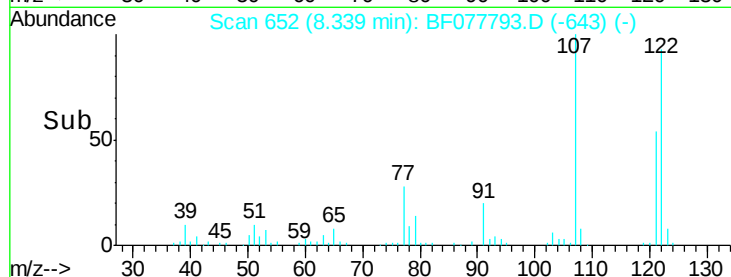
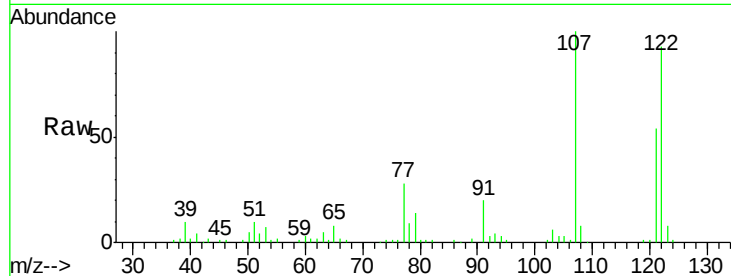
#27
2,4-Dimethylphenol
Concen: 30.10 ng
RT: 8.34 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		75486		
107	107.5	84.7	127.1		
121	58.1	46.6	69.8		

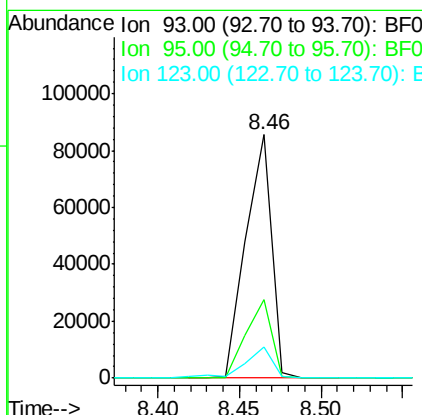
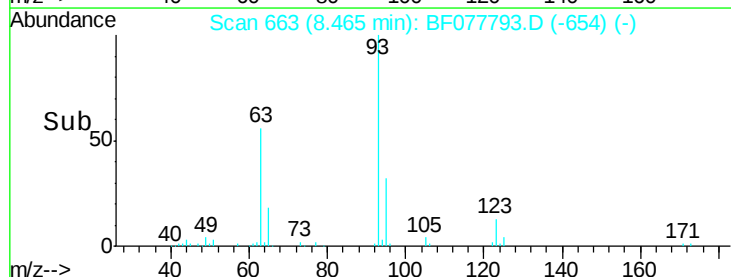
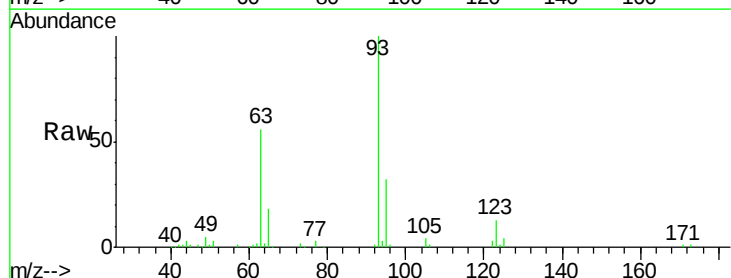
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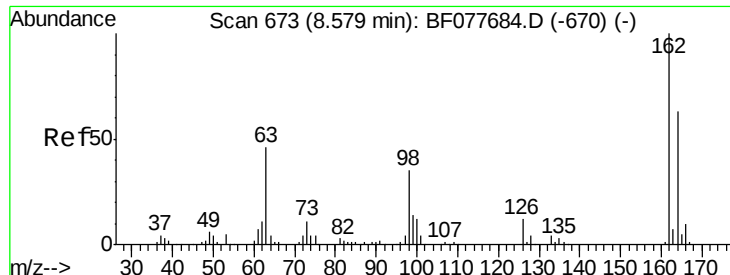
mohammad
3/20/2015 1:47:56 PM



#28
bis(2-Chloroethoxy)methane
Concen: 29.17 ng
RT: 8.46 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		93353		
95	32.0	25.5	38.3		
123	12.7	8.6	13.0		





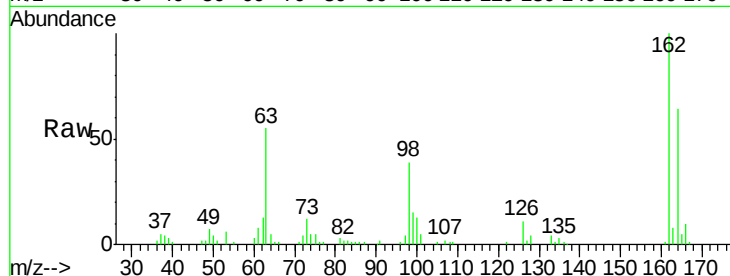
#29
 2,4-Dichlorophenol
 Concen: 28.97 ng
 RT: 8.57 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

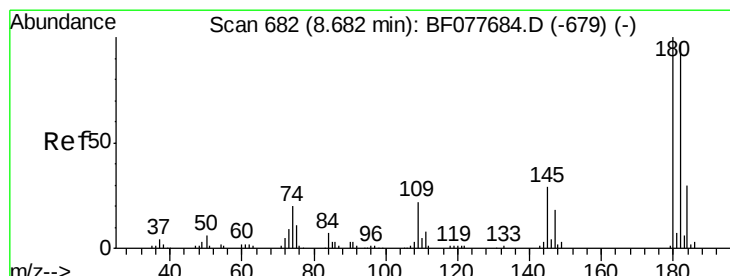
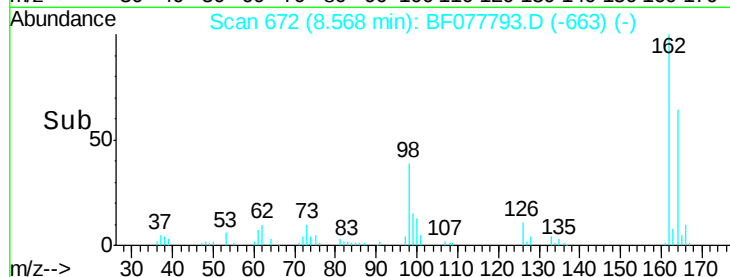
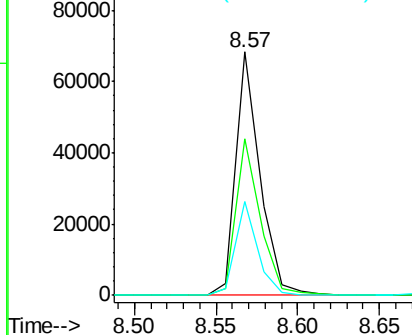
Tot Ion	Ratio	Resp	Lower	Upper
162	100	69257		
164	64.4	42.8	82.8	
98	38.5	14.5	54.5	

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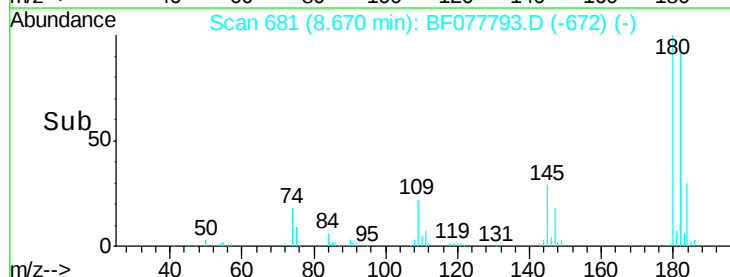
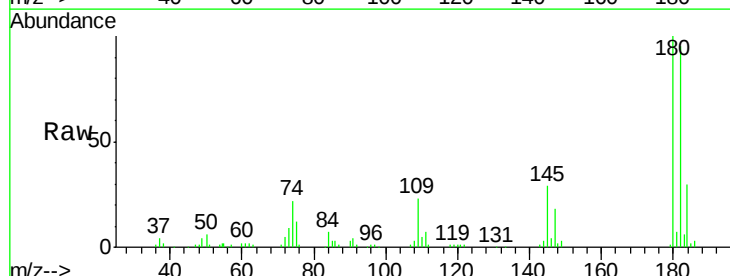
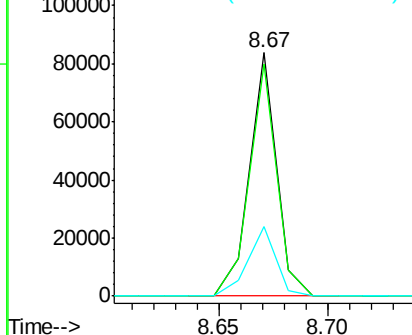
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

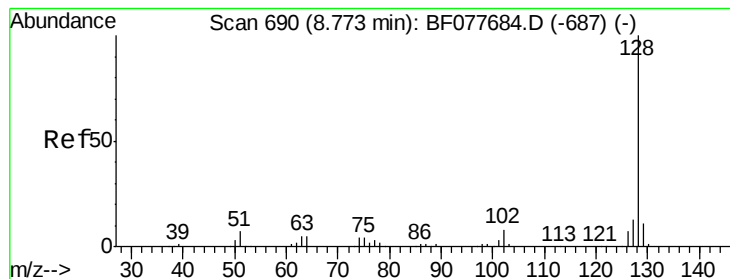


#30
 1,2,4-Trichlorobenzene
 Concen: 27.06 ng
 RT: 8.67 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	72399		
182	95.4	77.6	116.4	
145	28.8	23.4	35.2	

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 27.16 ng

RT: 8.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

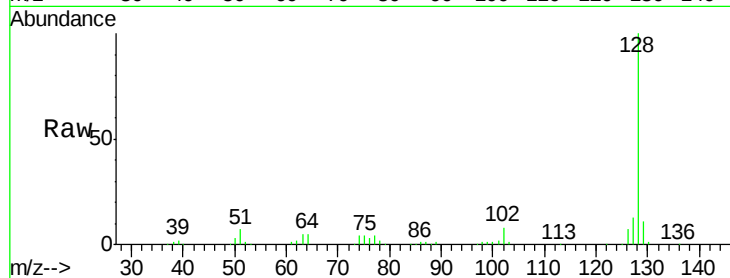
ClientSampleId :

SB-12(13-15)MS

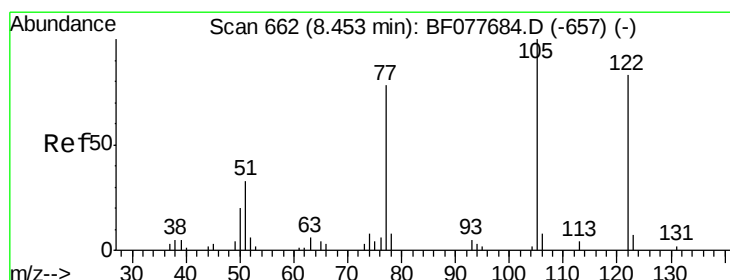
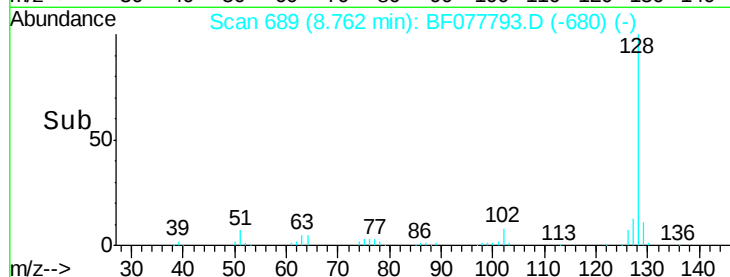
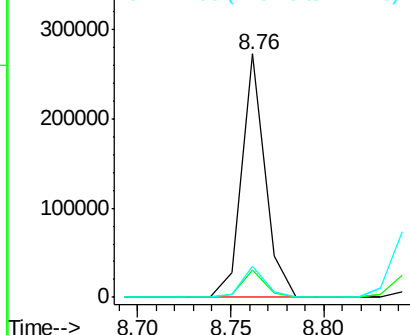
Tot Ion:	128	Resp:	238696
Ion Ratio		Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.6	10.4	15.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.11 ng

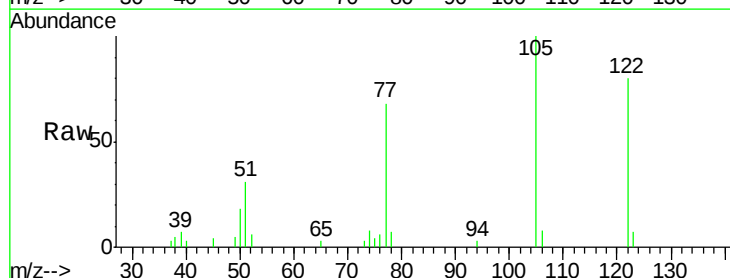
RT: 8.43 min Scan# 660

Delta R.T. -0.02 min

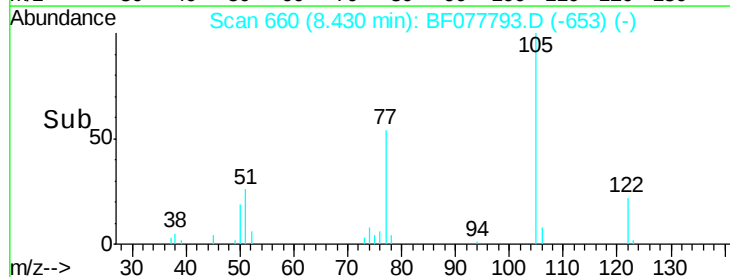
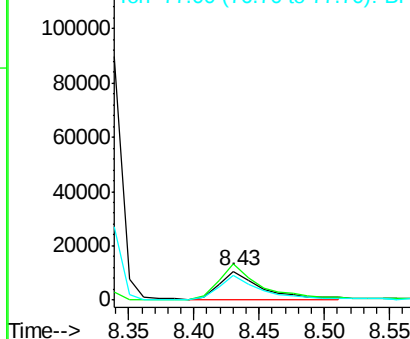
Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:	122	Resp:	22463
Ion Ratio		Lower	Upper
122	100		
105	125.2	99.9	139.9
77	85.0	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





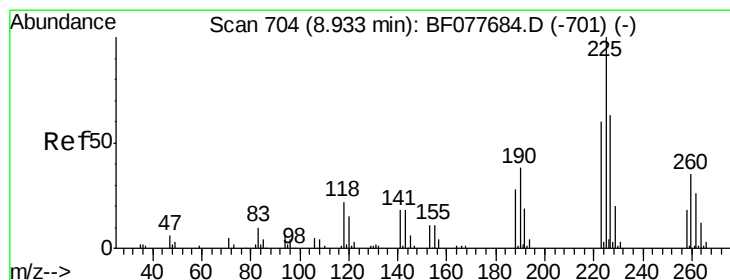
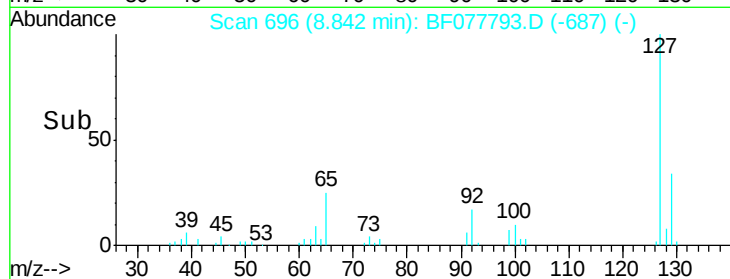
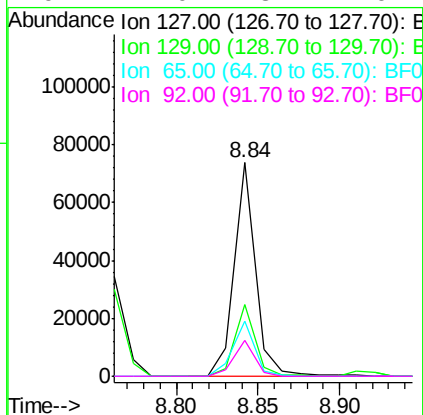
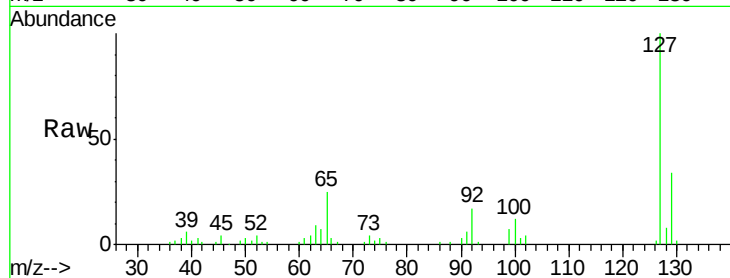
#33
4-Chloroaniline
Concen: 18.52 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion:	127	Resp:	66041
Ion Ratio	Lower	Upper	
127	100		
129	33.5	25.3	37.9
65	25.5	17.6	26.4
92	17.0	13.1	19.7

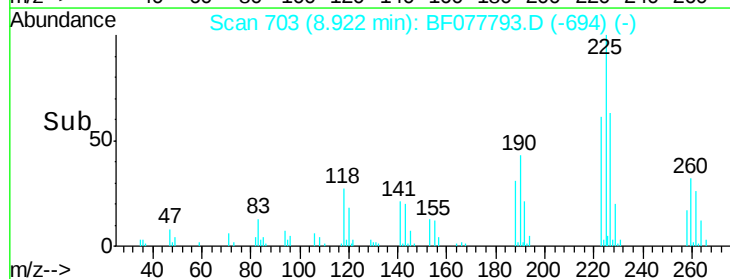
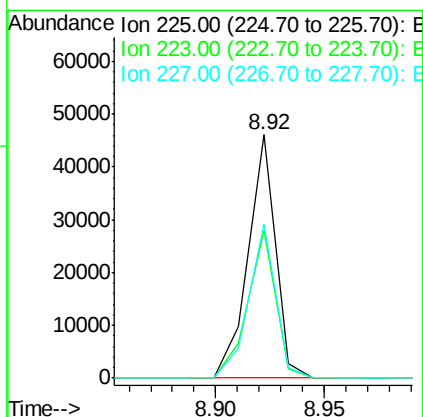
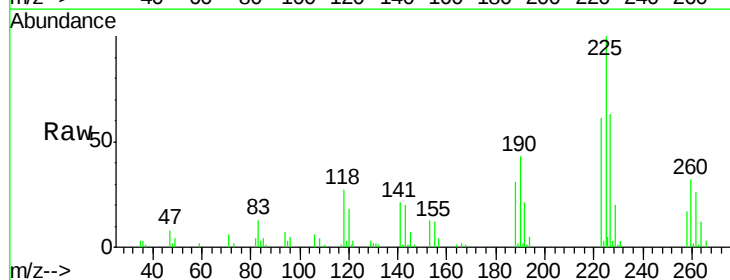
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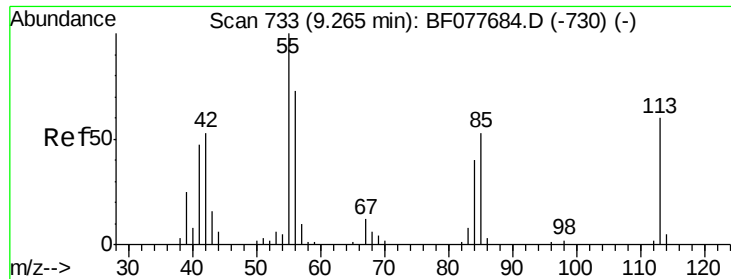
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#34
Hexachlorobutadiene
Concen: 26.52 ng
RT: 8.92 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion:	225	Resp:	40205
Ion Ratio	Lower	Upper	
225	100		
223	60.7	47.9	71.9
227	63.3	50.1	75.1





#35

Caprolactam

Concen: 28.61 ng

RT: 9.25 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

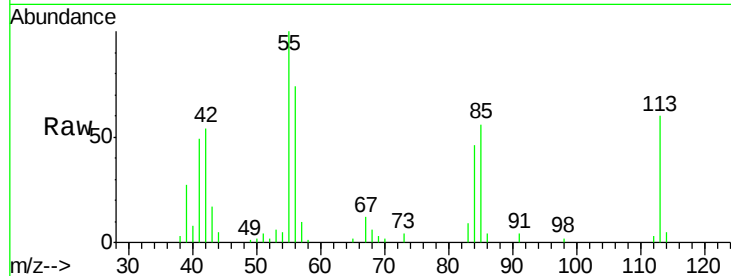
ClientSampleId :

SB-12(13-15)MS

Tot Ion:	113	Resp:	19988
Ion Ratio	Lower	Upper	
113	100		
55	166.6	145.9	185.9
56	124.0	101.0	141.0

Manual Integrations
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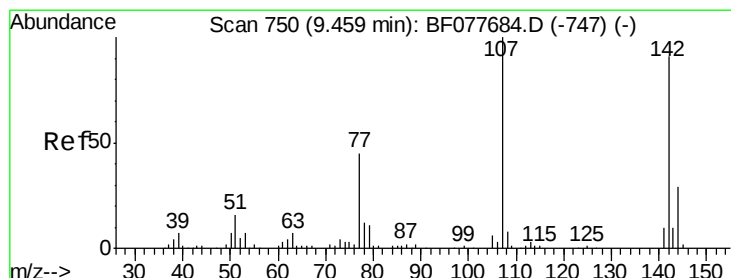
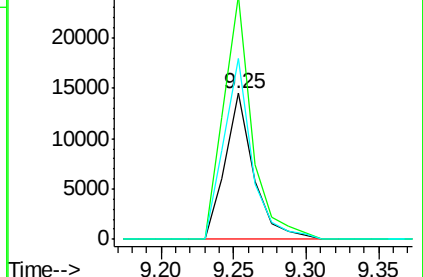
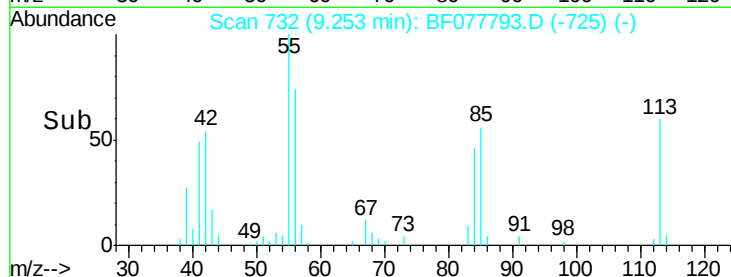
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 28.76 ng

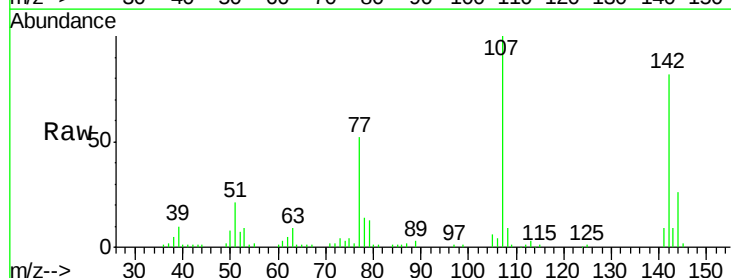
RT: 9.45 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

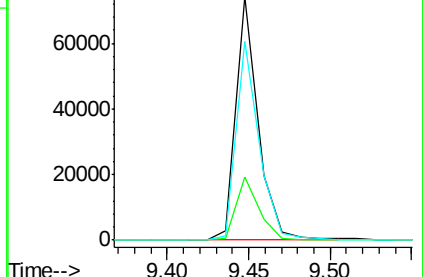
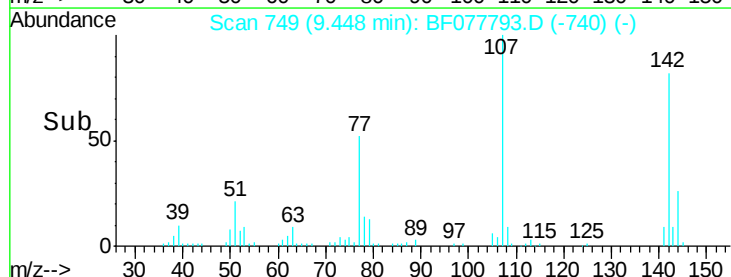
Tgt Ion:	107	Resp:	69189
Ion Ratio	Lower	Upper	
107	100		
144	25.8	23.3	34.9
142	81.7	72.6	109.0

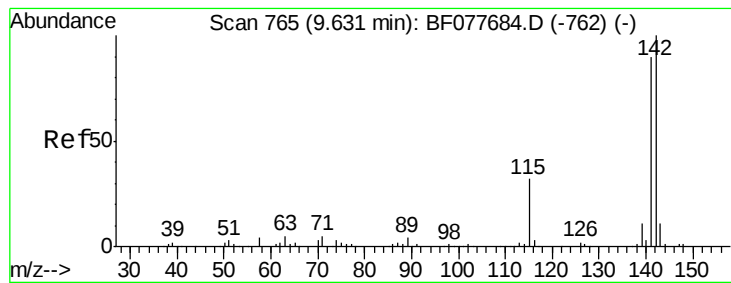


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





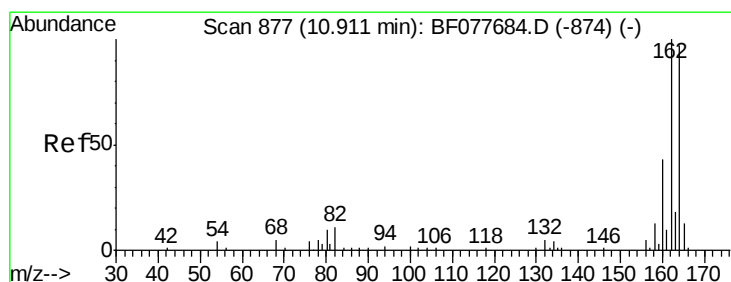
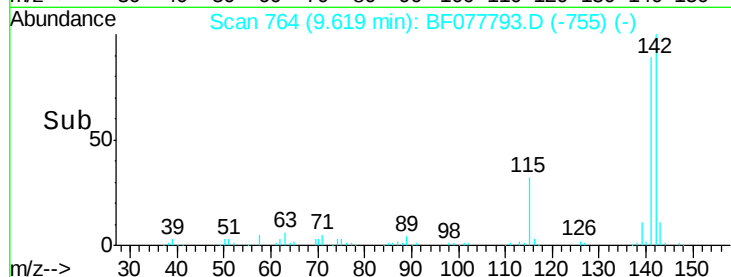
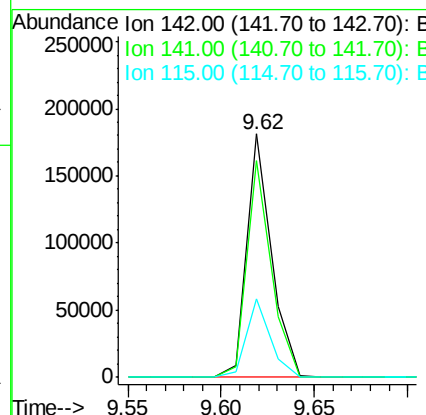
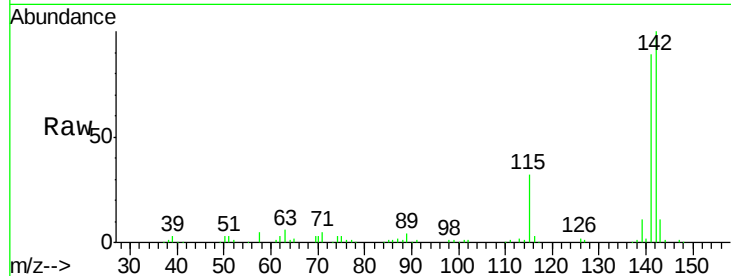
#37
2-Methylnaphthalene
Concen: 28.40 ng
RT: 9.62 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	167660		
141	89.1	71.9	107.9	
115	32.3	25.4	38.0	

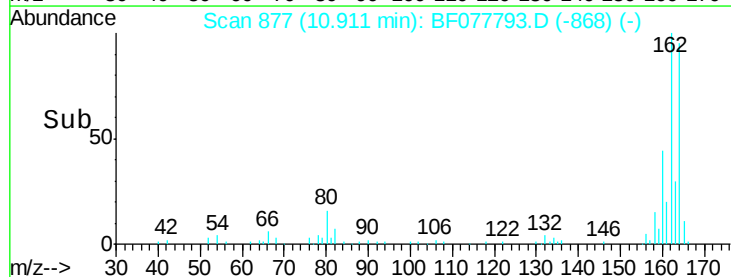
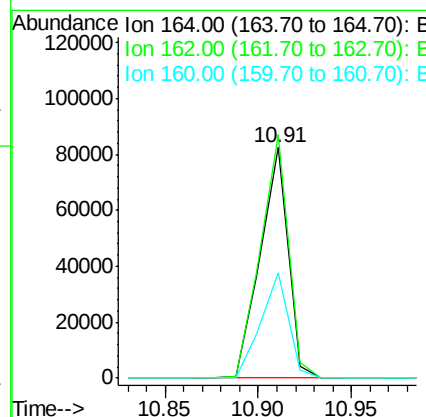
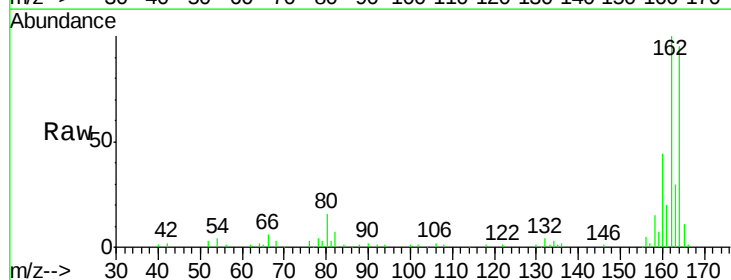
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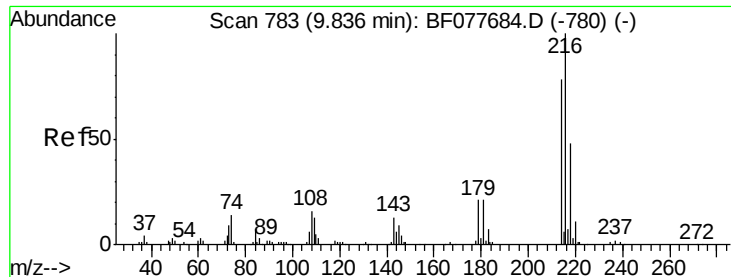
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	84726		
162	105.6	82.4	123.6	
160	46.0	35.8	53.6	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.25 ng

RT: 9.82 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

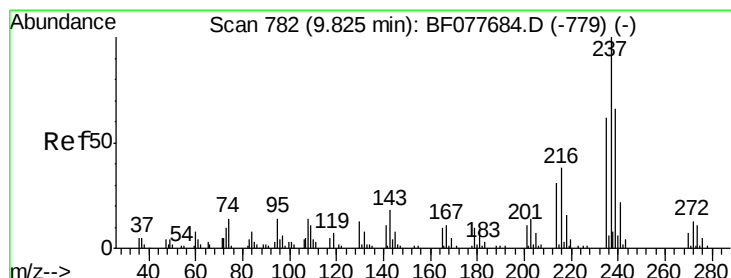
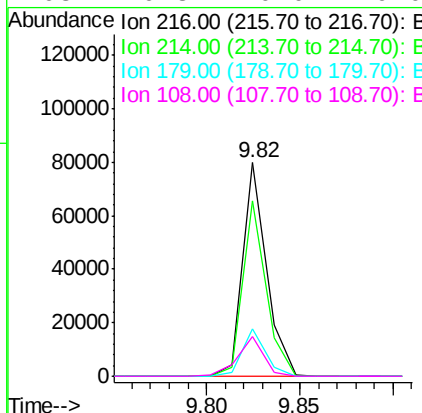
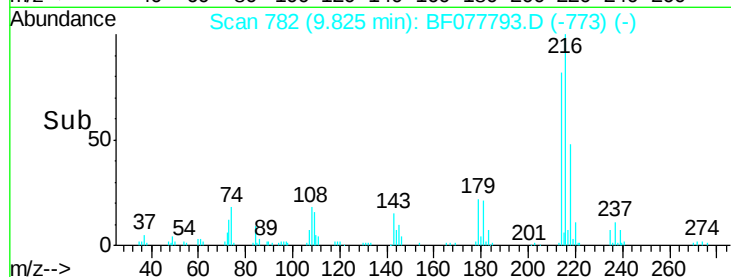
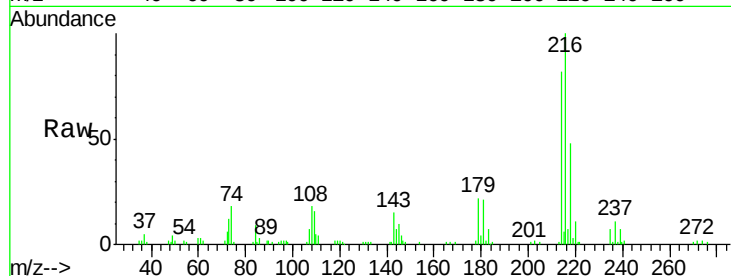
ClientSampleId :

SB-12(13-15)MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.2	0.0	0.0#
179	21.5	0.0	0.0#
108	20.3	0.0	0.0#

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#40

Hexachlorocyclopentadiene

Concen: 51.67 ng

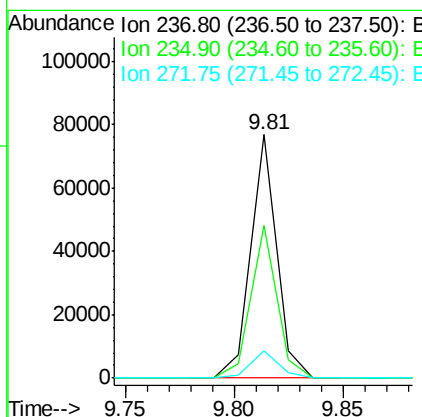
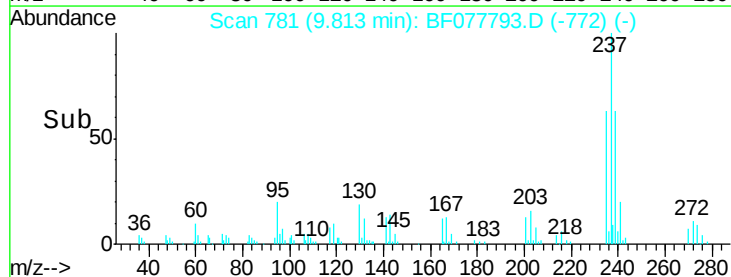
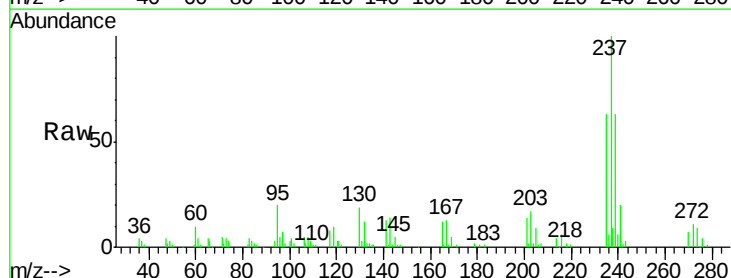
RT: 9.81 min Scan# 781

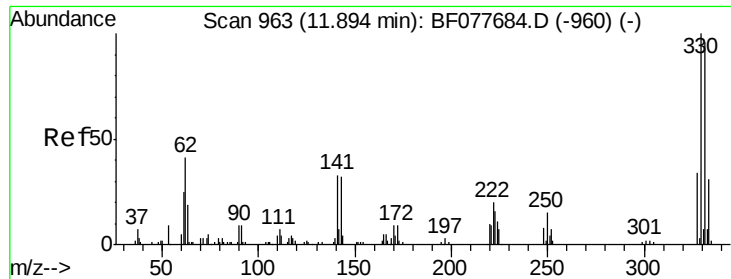
Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.0	82.0
272	11.3	0.0	33.4





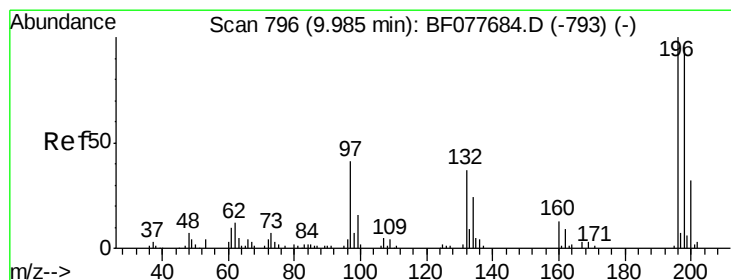
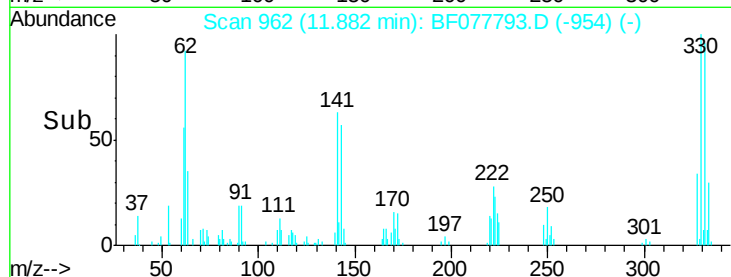
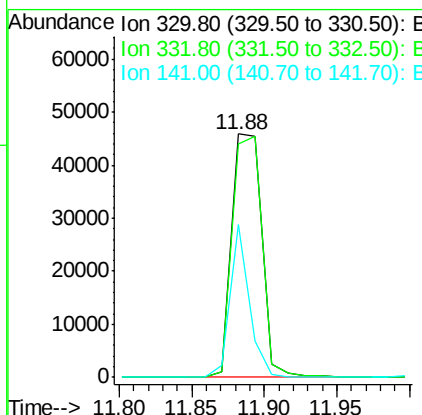
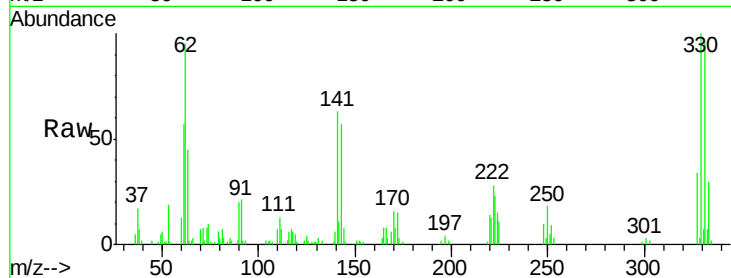
#41
 2,4,6-Tribromophenol
 Concen: 81.57 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	66126		
332	98.0	0.0	0.0	0.0
141	40.1	0.0	0.0	0.0

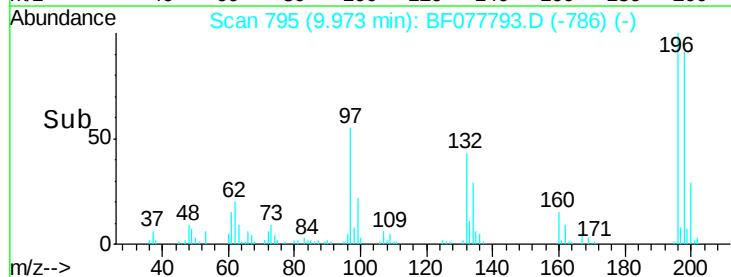
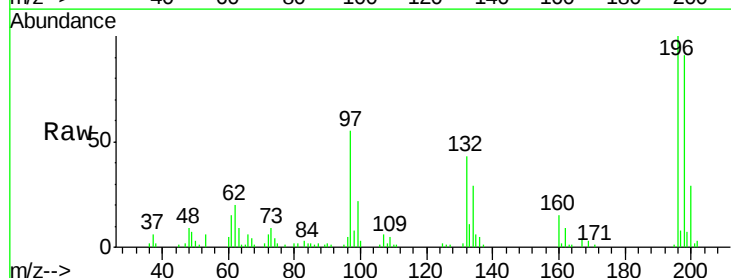
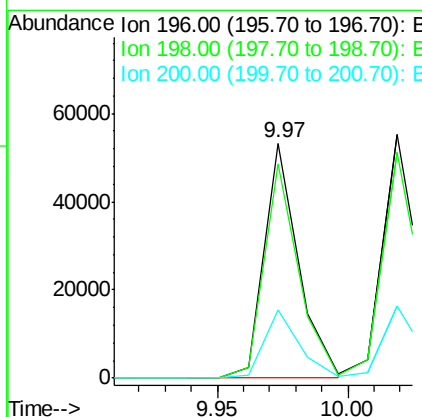
Manual Integrations
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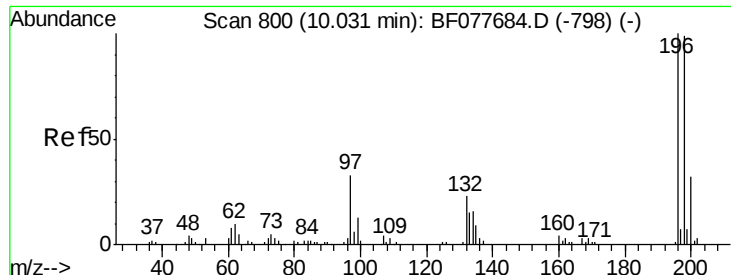
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#42
 2,4,6-Trichlorophenol
 Concen: 27.90 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	48836		
198	91.5	76.3	114.5	
200	29.1	25.6	38.4	





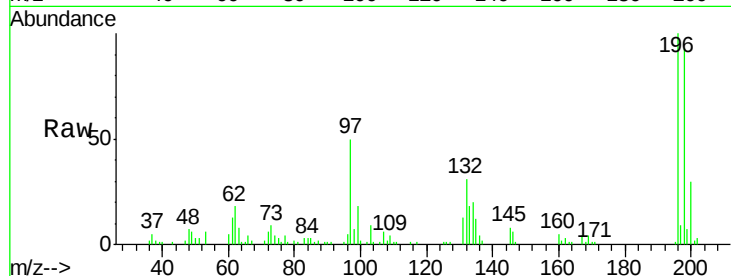
#43
 2,4,5-Trichlorophenol
 Concen: 27.27 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	51575		
198	92.8	79.4	119.0	
97	50.1	26.8	40.2	
132	30.8	18.6	28.0	

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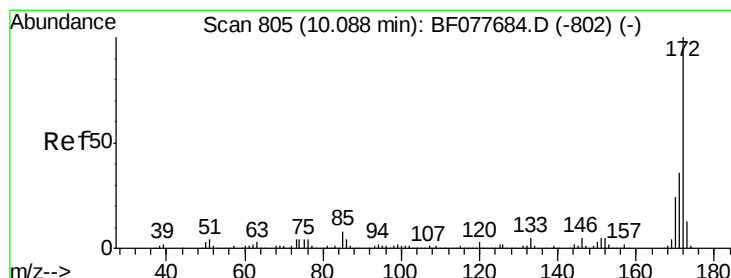
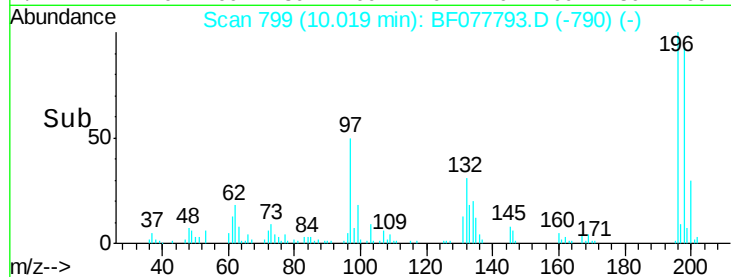
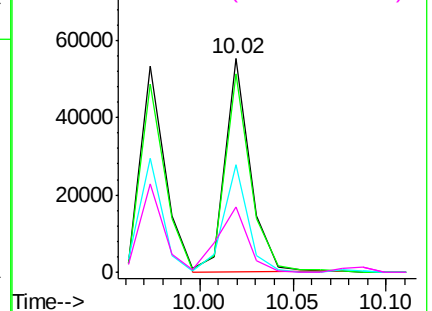
Abundance

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: 59.33 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

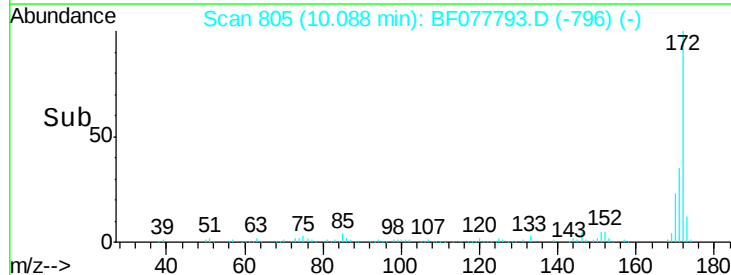
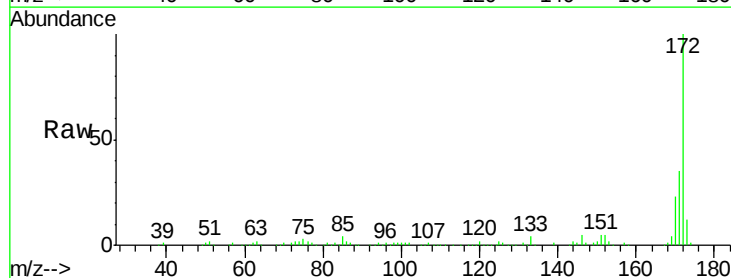
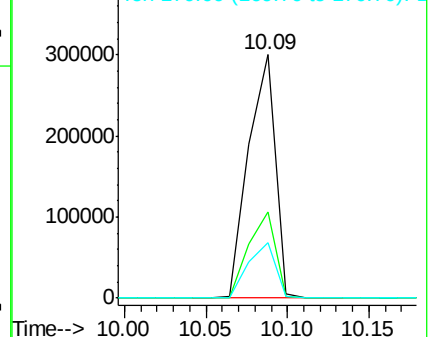
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	342062		
171	35.2	28.5	42.7	
170	22.8	18.8	28.2	

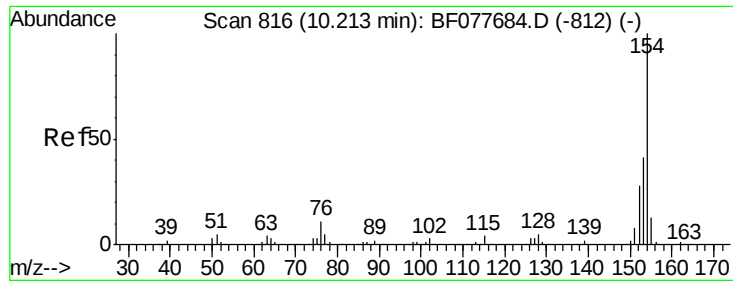
Abundance

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





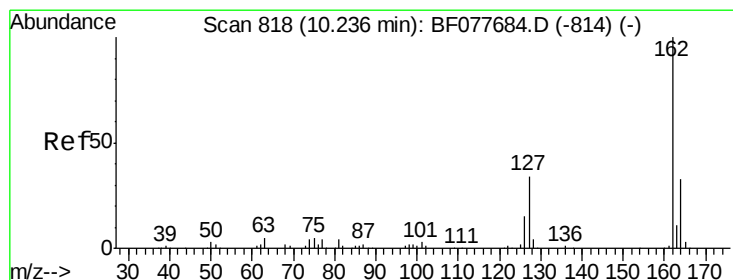
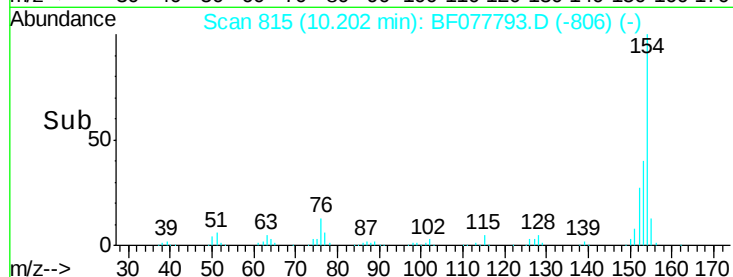
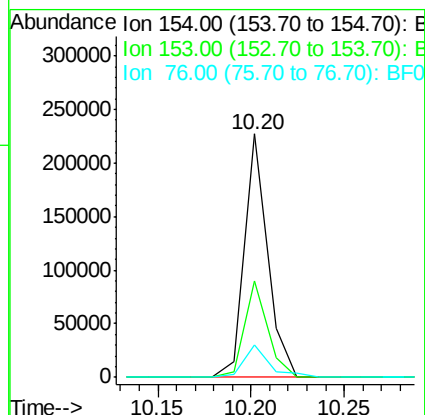
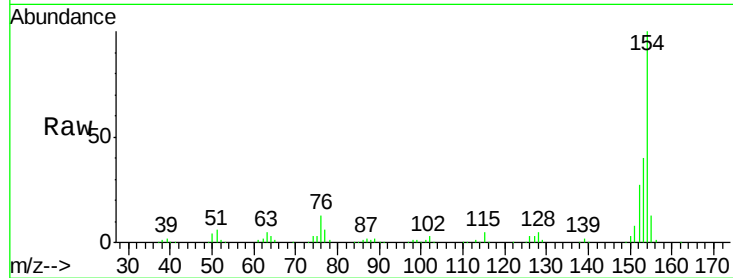
#45
1,1'-Biphenyl
Concen: 29.22 ng
RT: 10.20 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.7	60.7
76	13.4	0.0	30.9

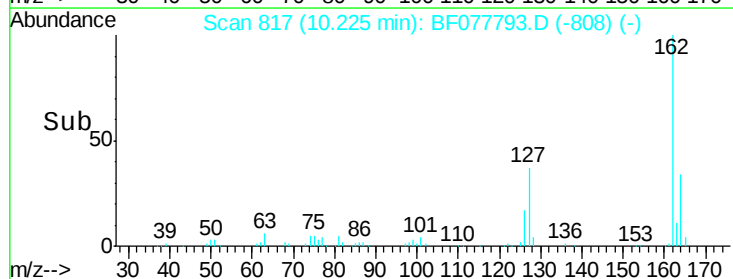
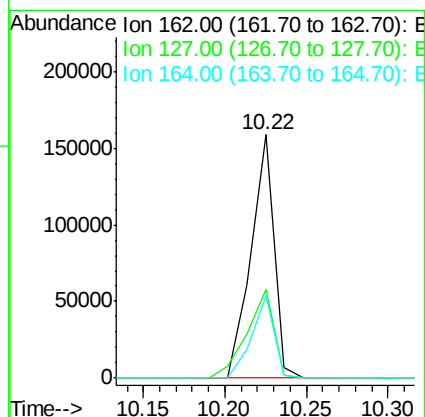
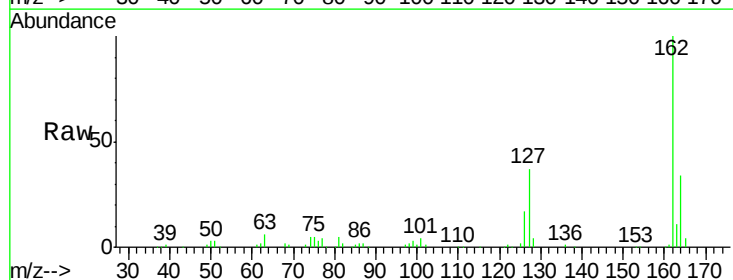
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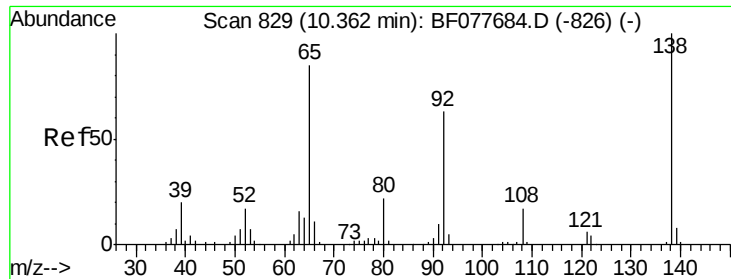
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#46
2-Chloronaphthalene
Concen: 28.26 ng
RT: 10.22 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.5	26.9	40.3
164	34.0	26.8	40.2





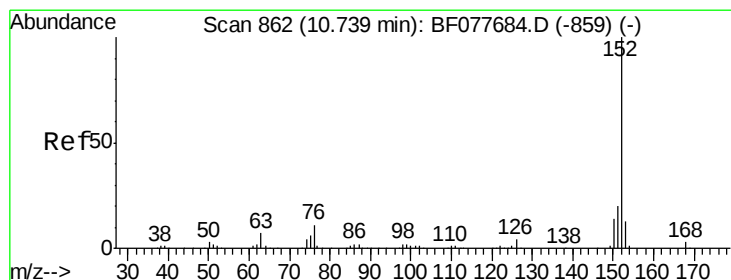
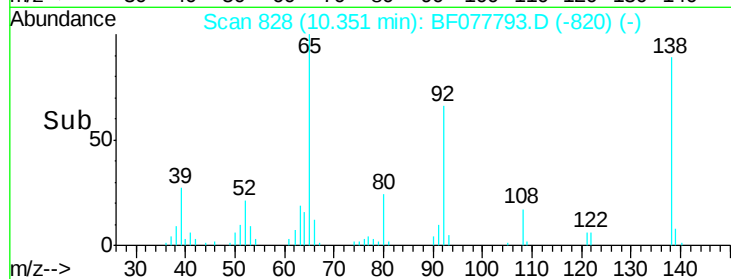
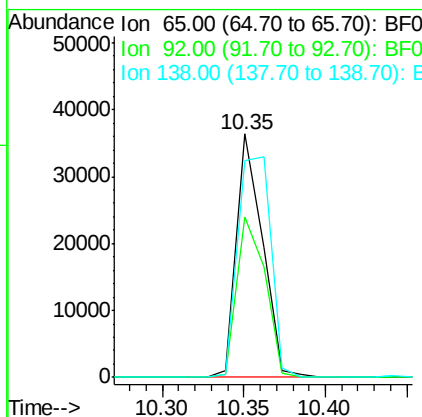
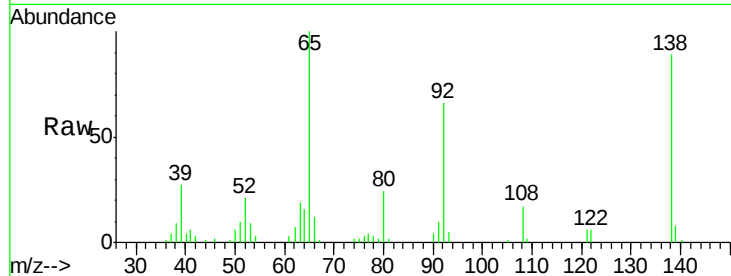
#47
2-Nitroaniline
Concen: 29.20 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.0	59.1	88.7
138	89.1	93.9	140.9

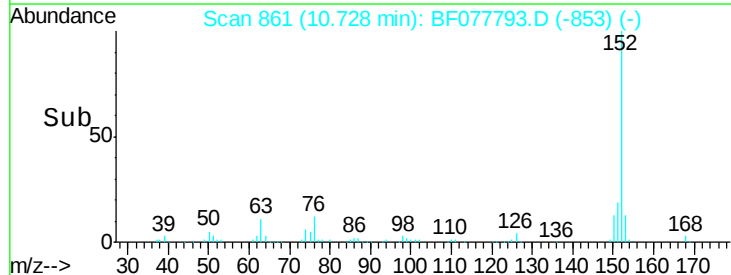
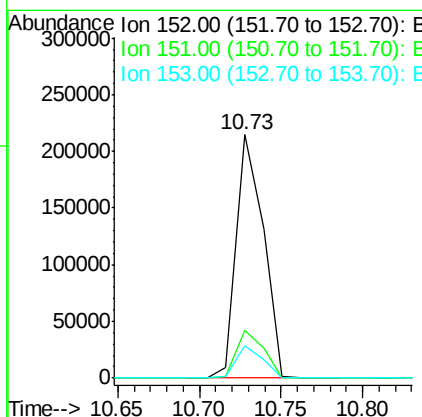
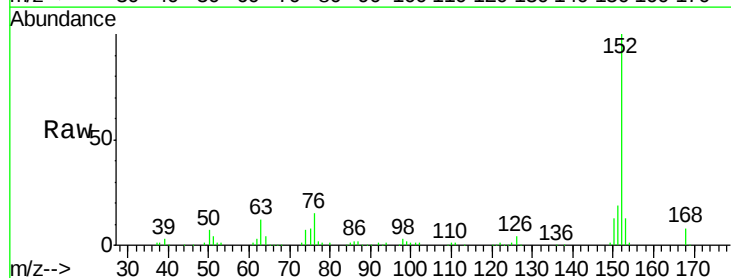
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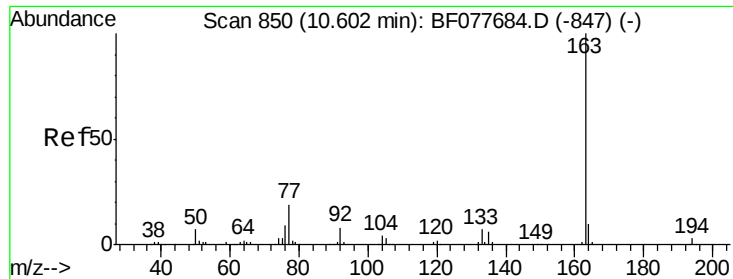
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#48
Acenaphthylene
Concen: 26.81 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.4	10.6	16.0





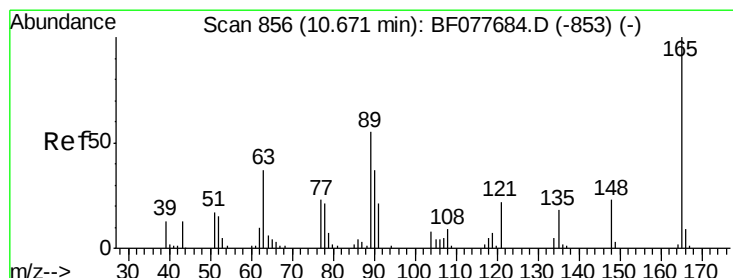
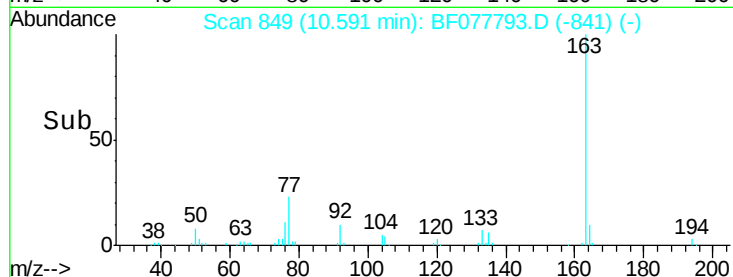
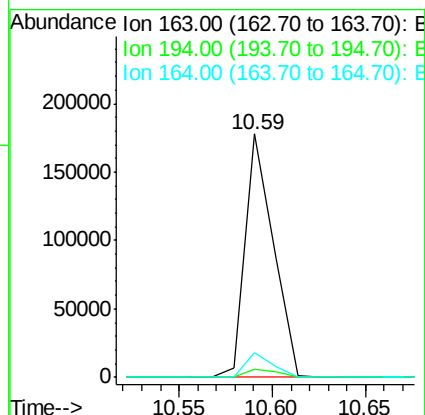
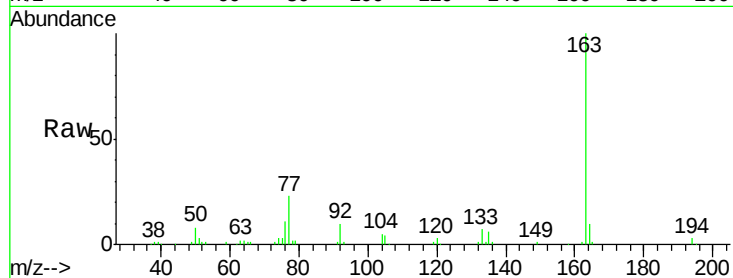
#49
Dimethylphthalate
Concen: 29.65 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

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

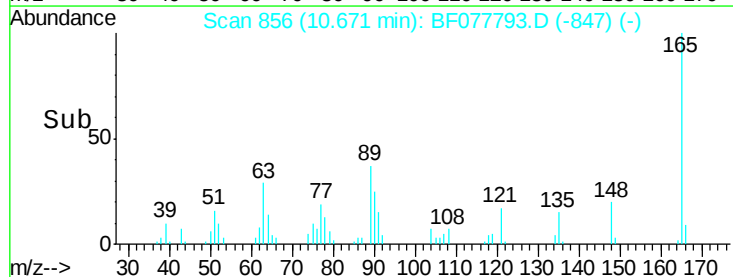
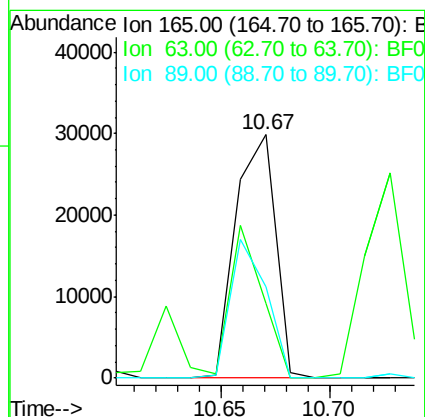
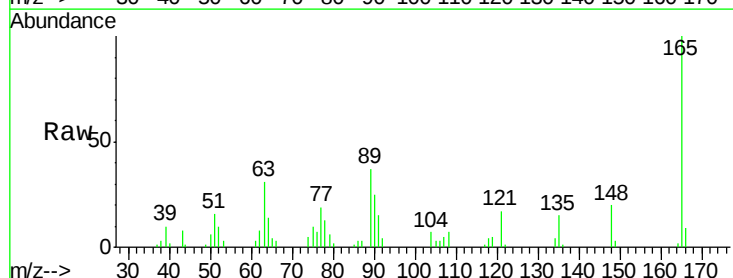
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#50
2,6-Dinitrotoluene
Concen: 29.12 ng
RT: 10.67 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	30.6	44.1	66.1#
89	37.4	44.3	66.5#





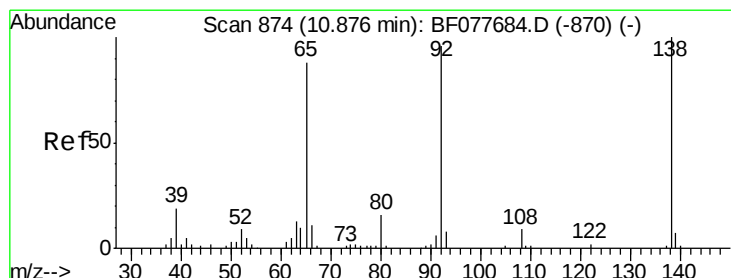
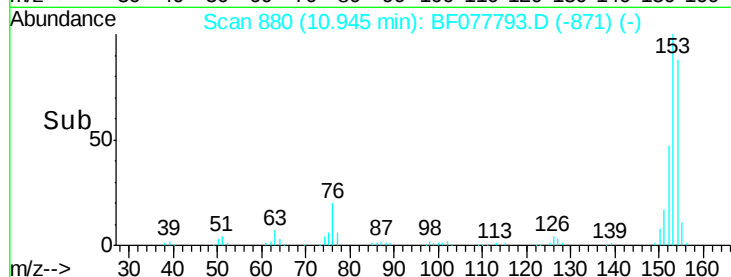
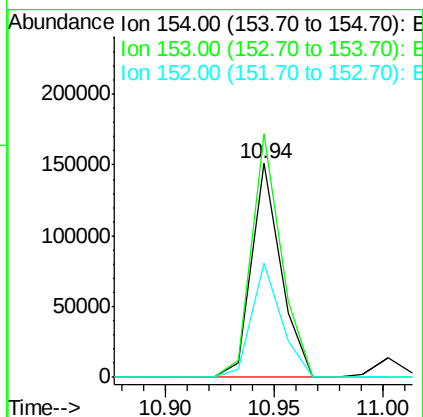
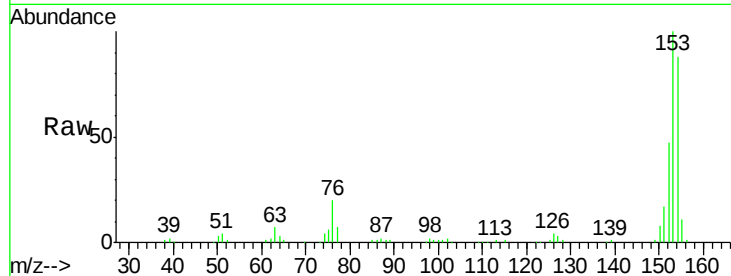
#51
Acenaphthene
Concen: 27.09 ng
RT: 10.94 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.0	135.0
152	53.4	42.6	63.8

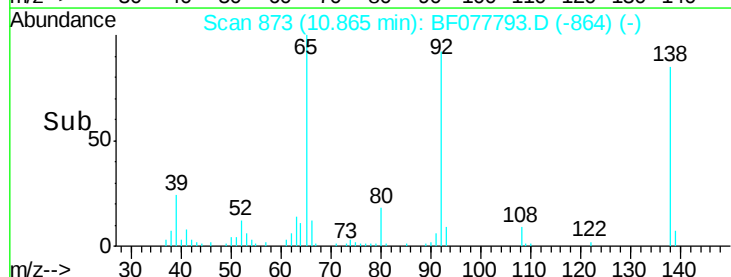
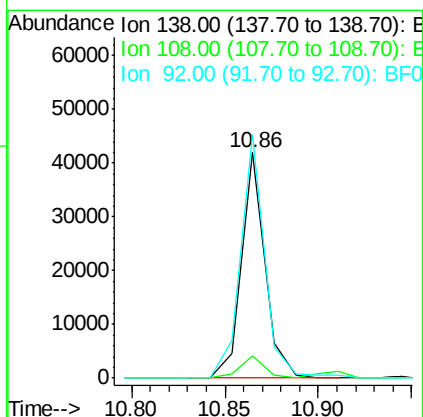
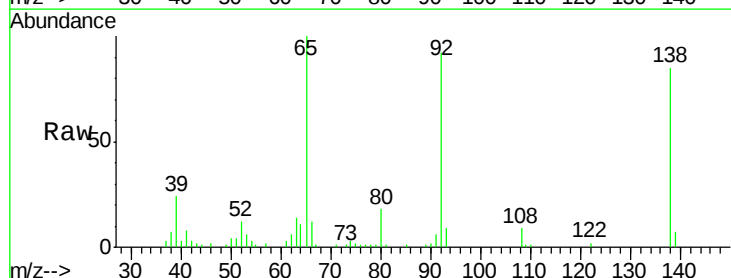
Manual Integrations
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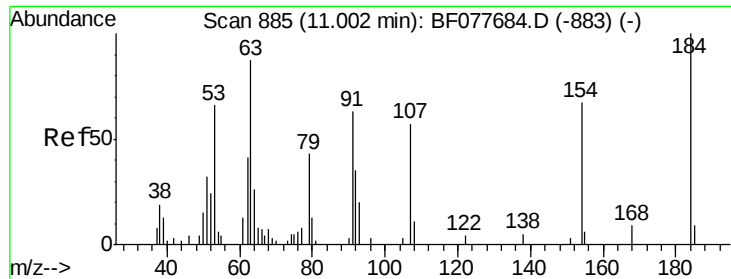
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#52
3-Nitroaniline
Concen: 24.26 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.3	10.9
92	108.1	76.6	114.8





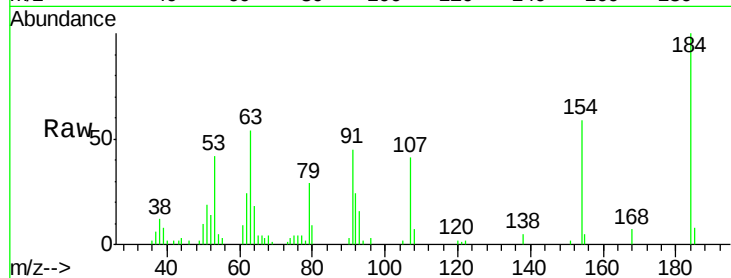
#53
2,4-Dinitrophenol
Concen: 51.36 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

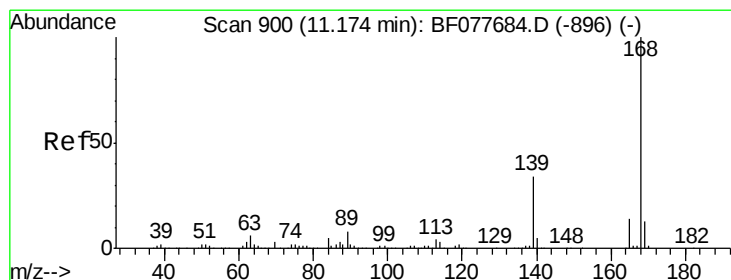
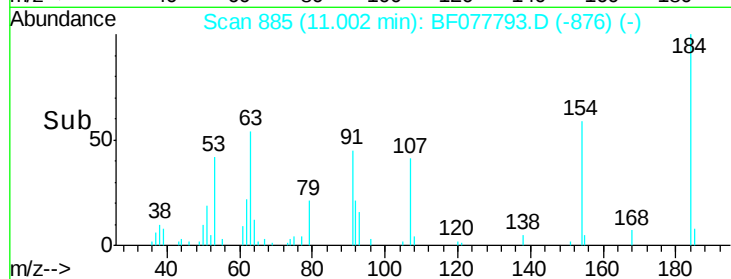
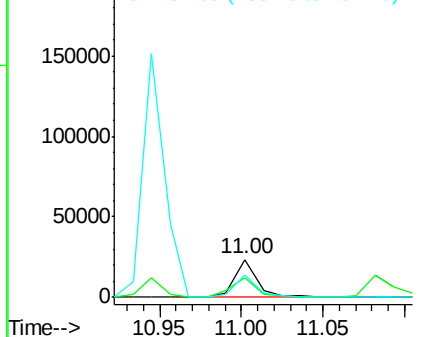
Tot Ion	Ratio	Lower	Upper
184	100		
63	53.6	69.2	103.8#
154	58.7	53.3	79.9

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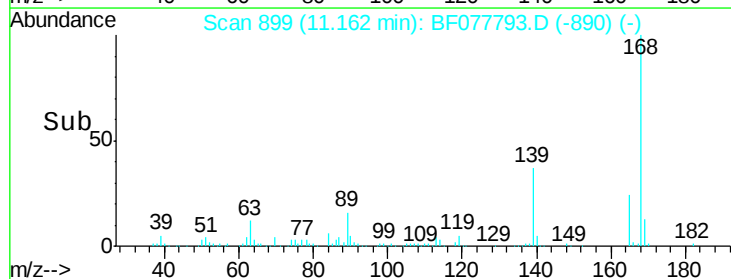
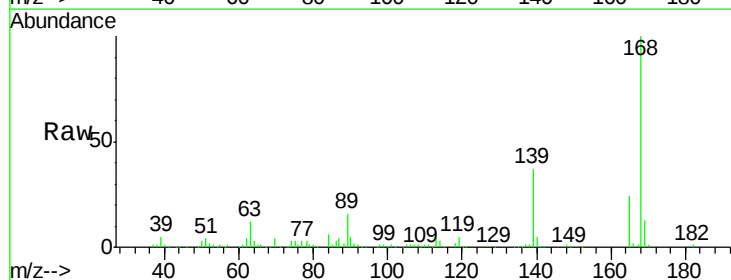
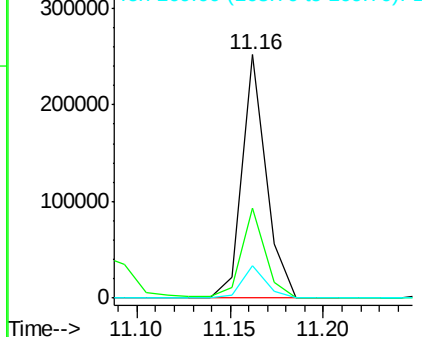
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

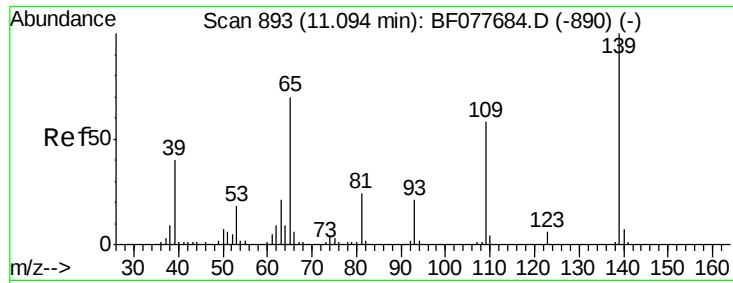


#54
Dibenzofuran
Concen: 29.17 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.1	27.3	40.9
169	13.5	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





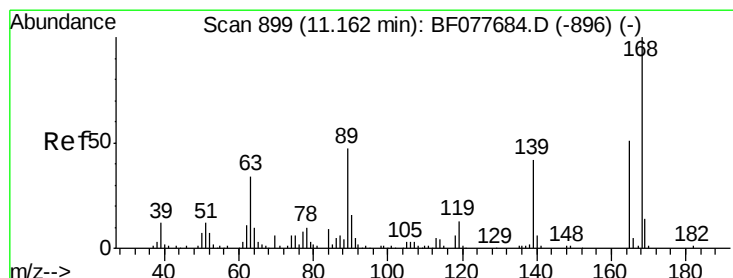
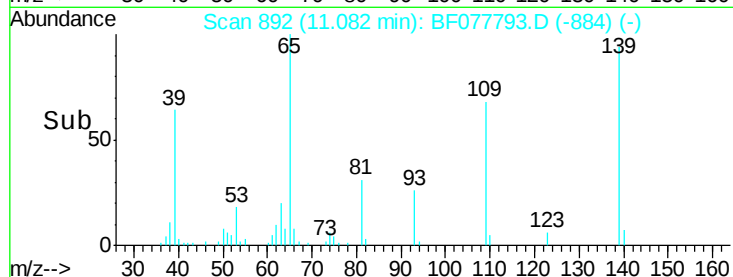
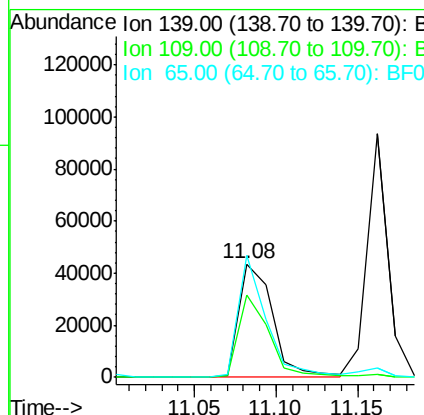
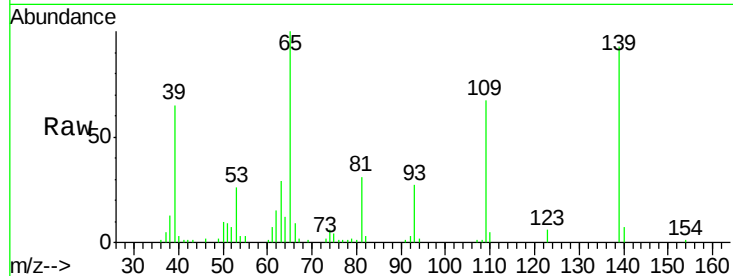
#55
4-Nitrophenol
Concen: 55.76 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.6	37.7	77.7
65	107.8	49.9	89.9

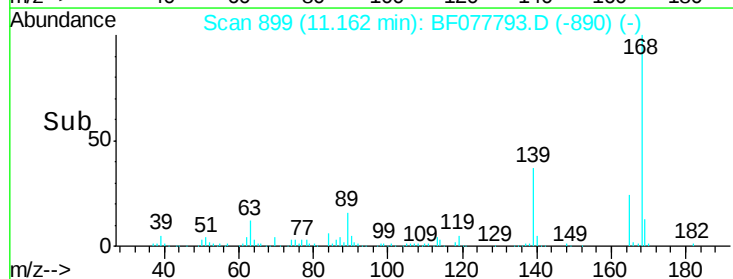
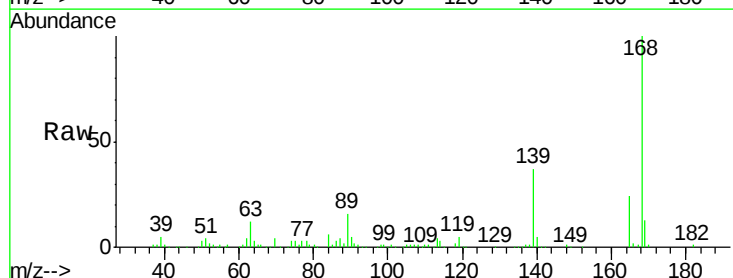
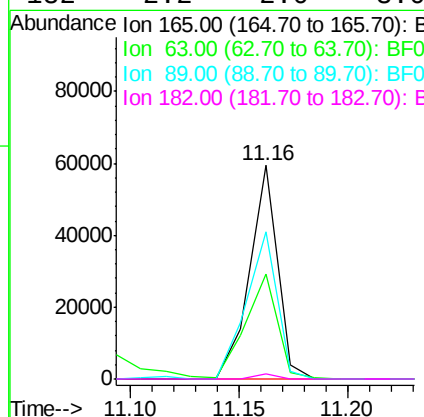
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#56
2,4-Dinitrotoluene
Concen: 31.14 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.4	52.4	78.6
89	69.0	72.4	108.6
182	2.2	2.0	3.0





#57

Fluorene

Concen: 28.00 ng

RT: 11.58 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

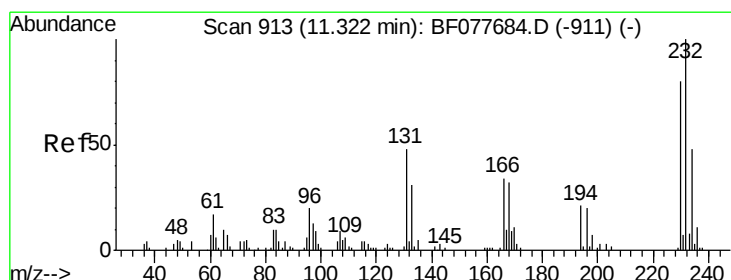
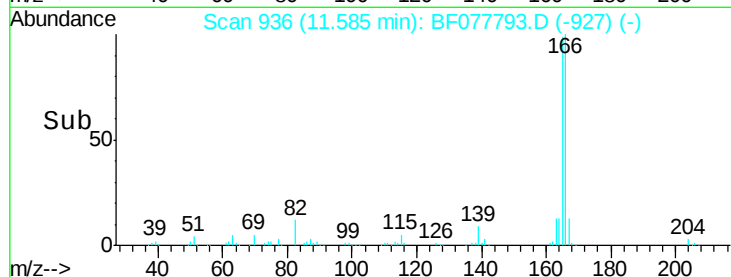
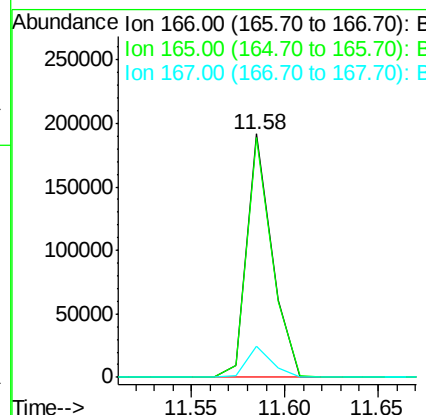
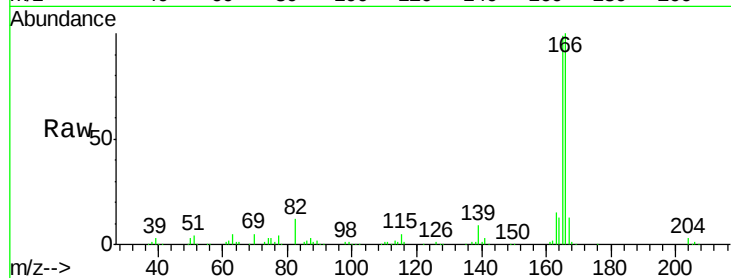
ClientSampleId :

SB-12(13-15)MS

Tot Ion:	166	Resp:	180967
Ion Ratio		Lower	Upper
166	100		
165	98.7	79.0	118.4
167	12.9	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 26.99 ng

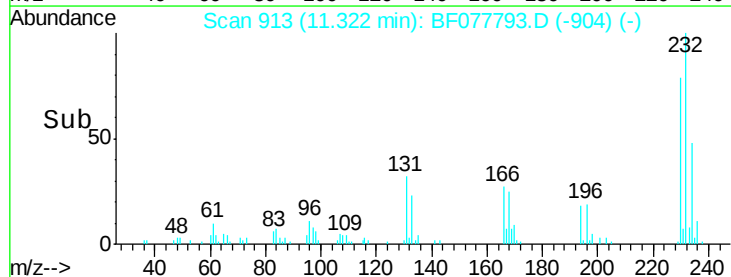
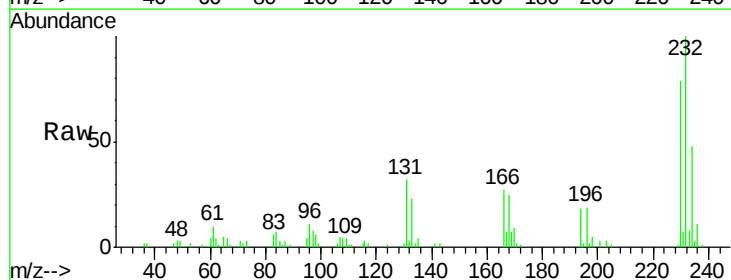
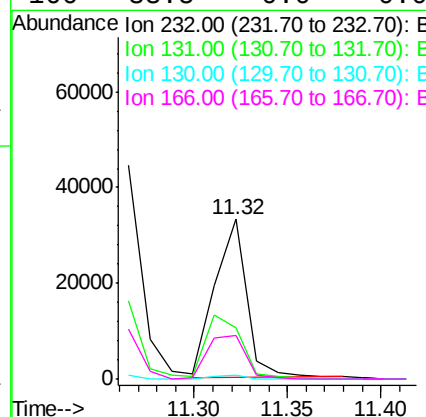
RT: 11.32 min Scan# 913

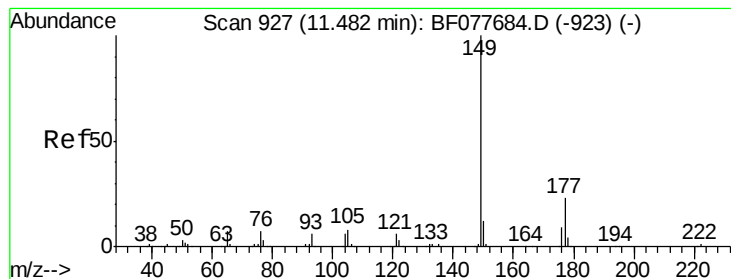
Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:	232	Resp:	39309
Ion Ratio		Lower	Upper
232	100		
131	45.7	0.0	0.0#
130	2.3	0.0	0.0#
166	33.5	0.0	0.0#





#59

Diethylphthalate

Concen: 29.13 ng

RT: 11.47 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

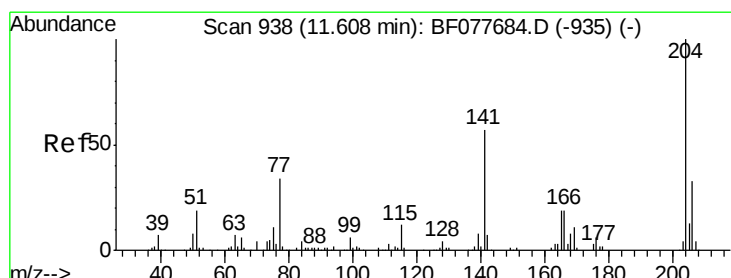
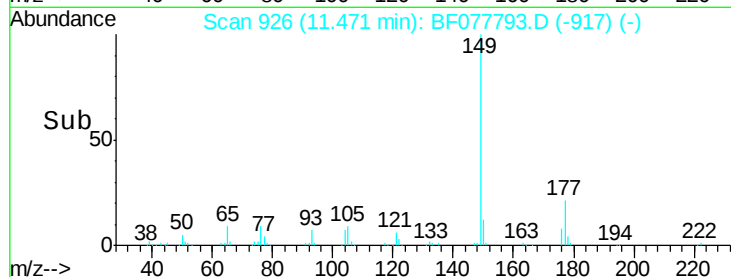
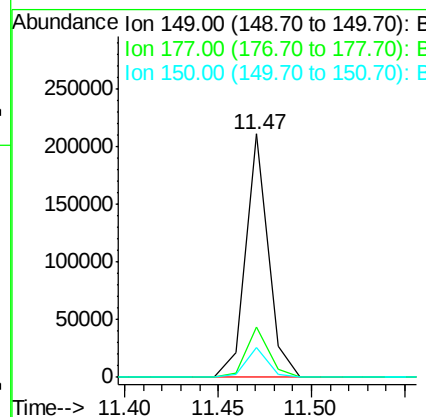
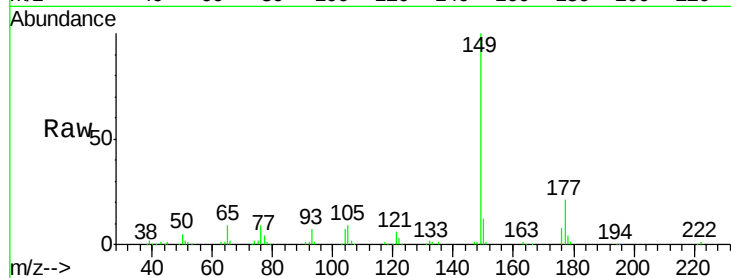
ClientSampleId :

SB-12(13-15)MS

Tot Ion:	149	Resp:	178385
Ion Ratio	Lower	Upper	
149	100		
177	20.9	18.3	27.5
150	12.2	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 27.85 ng

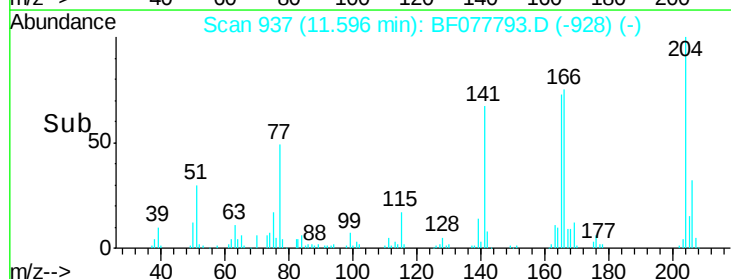
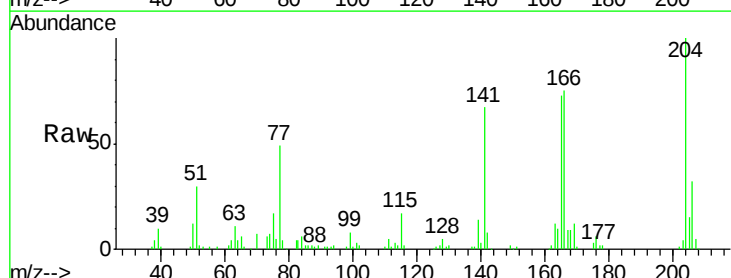
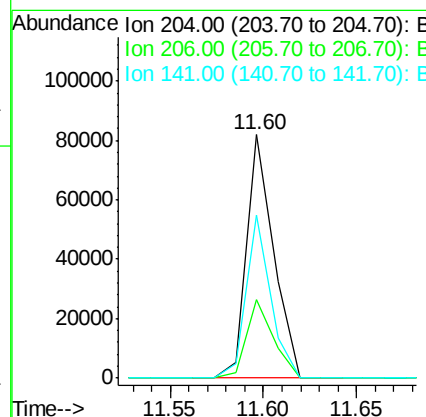
RT: 11.60 min Scan# 937

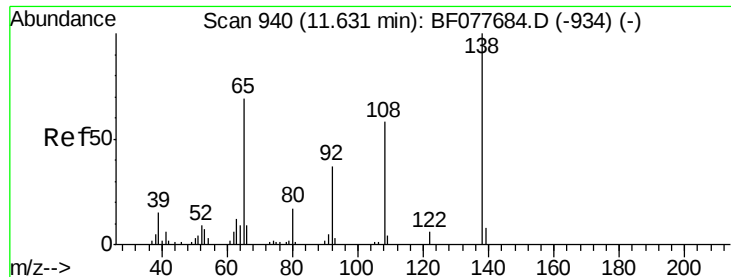
Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:	204	Resp:	82140
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.6	39.8
141	66.7	45.2	67.8





#61

4-Nitroaniline

Concen: 28.55 ng

RT: 11.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

Tot Ion: 138 Resp: 43048

Ion Ratio Lower Upper

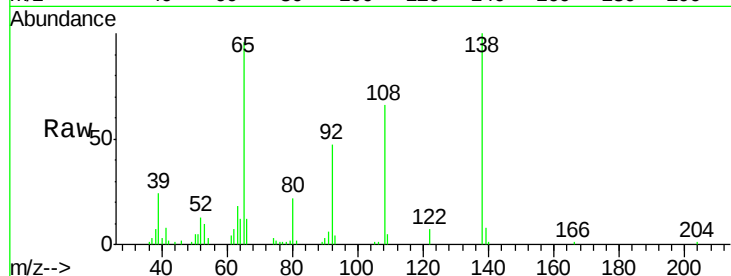
138 100

92 47.2 16.7 56.7

108 66.1 37.6 77.6

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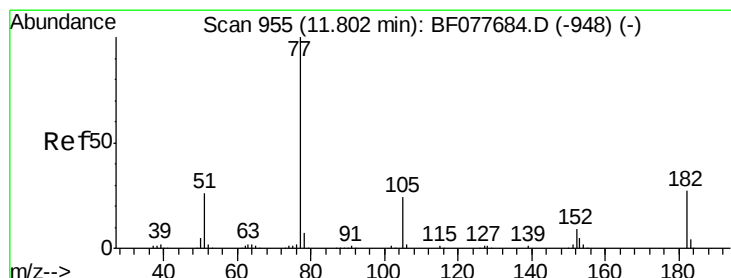
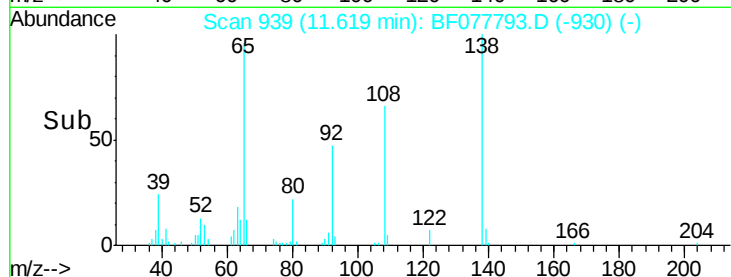
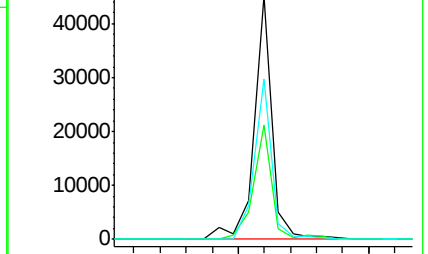
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 28.61 ng

RT: 11.79 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion: 77 Resp: 167450

Ion Ratio Lower Upper

77 100

182 19.5 6.5 46.5

105 21.2 3.8 43.8

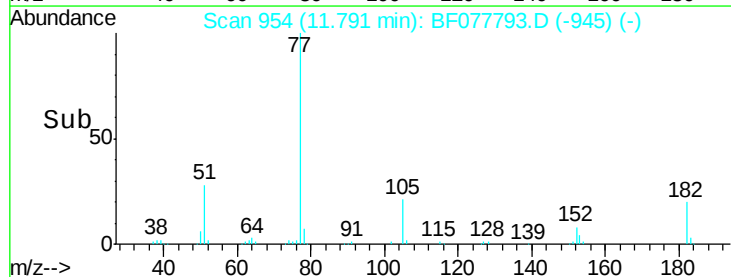
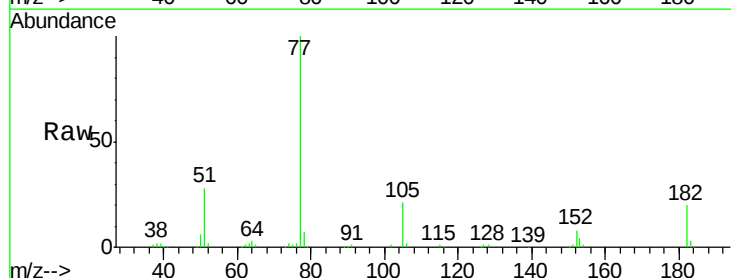
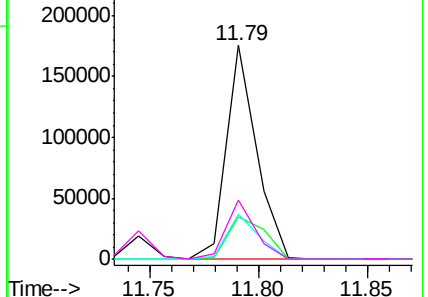
51 27.7 5.5 45.5

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





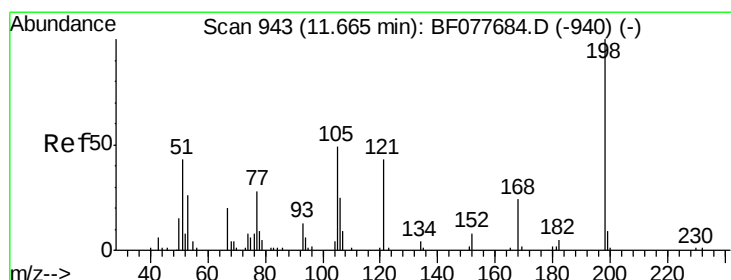
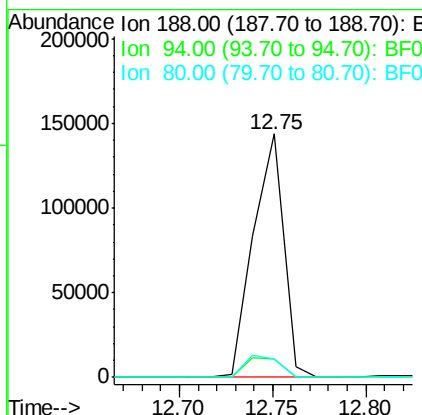
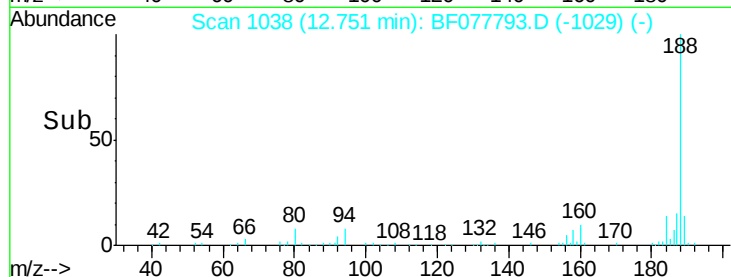
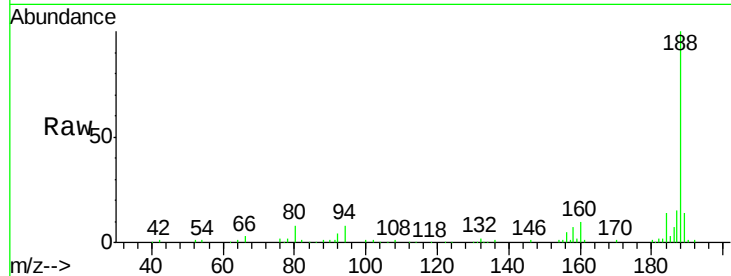
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	7.6	9.3	13.9#

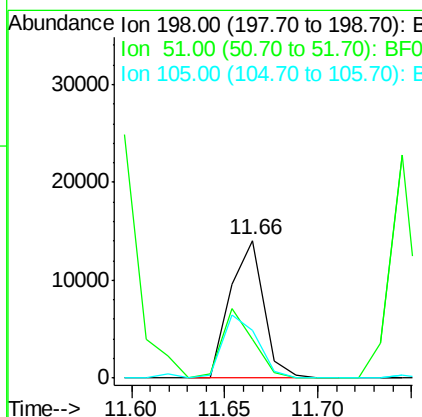
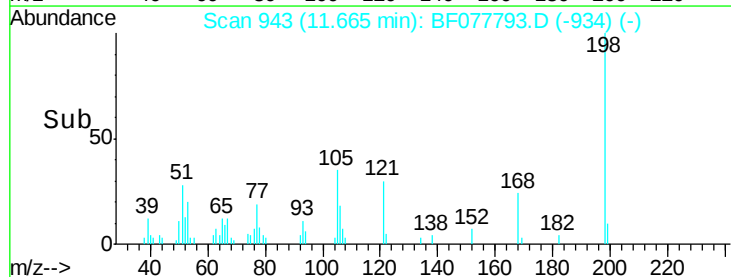
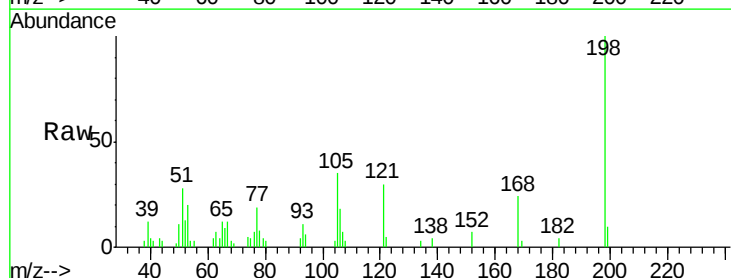
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#64
4,6-Dinitro-2-methylphenol
Concen: 25.29 ng
RT: 11.66 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	28.0	28.8	68.8#
105	34.8	30.5	70.5





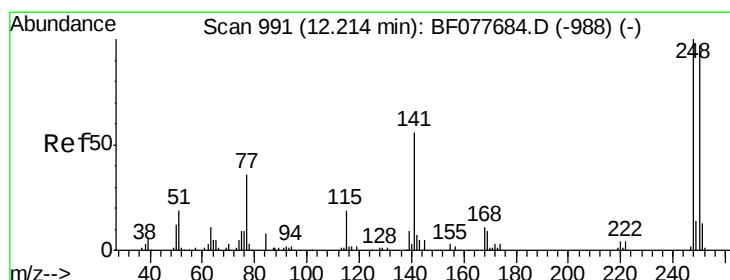
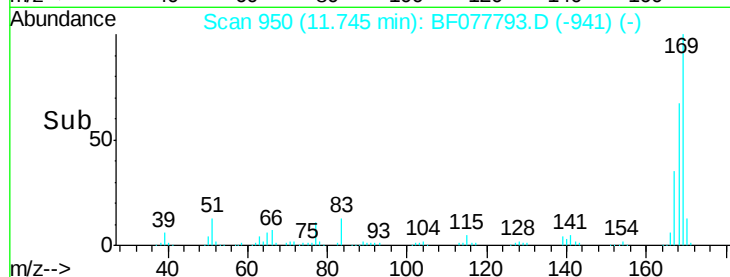
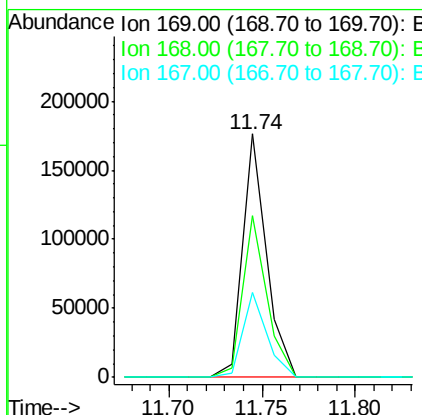
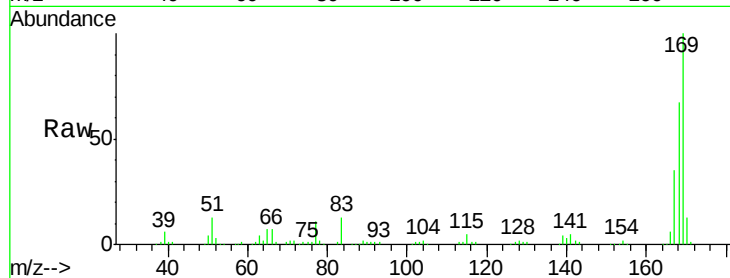
#65
n-Nitrosodiphenylamine
Concen: 29.14 ng
RT: 11.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	157081		
168	66.5	53.9	80.9	
167	35.1	28.9	43.3	

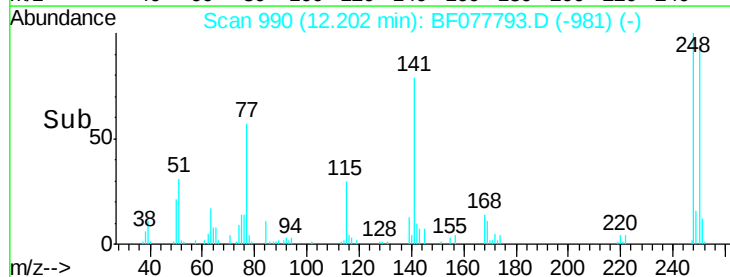
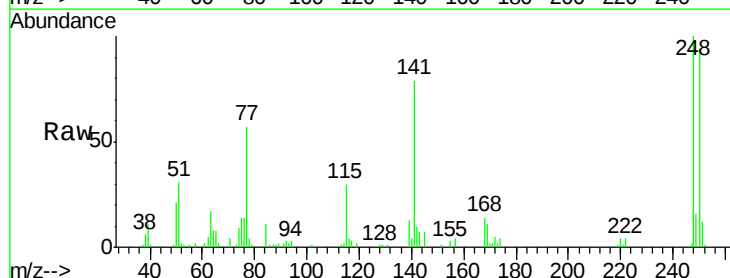
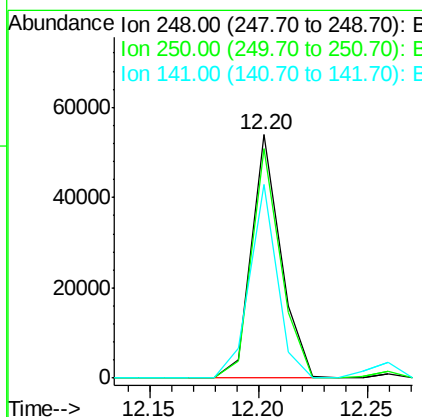
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#66
4-Bromophenyl-phenylether
Concen: 29.50 ng
RT: 12.20 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	50963		
250	94.3	77.4	116.0	
141	79.4	45.2	67.8	





#67

Hexachlorobenzene

Concen: 28.24 ng

RT: 12.26 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

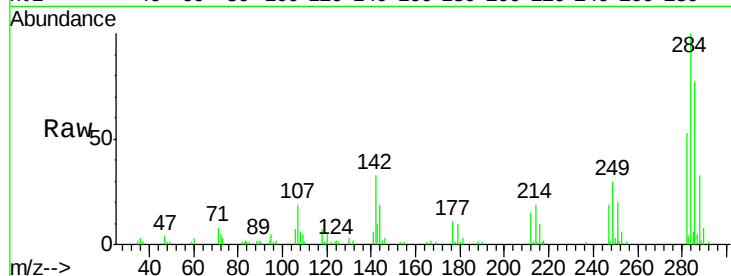
ClientSampleId :

SB-12(13-15)MS

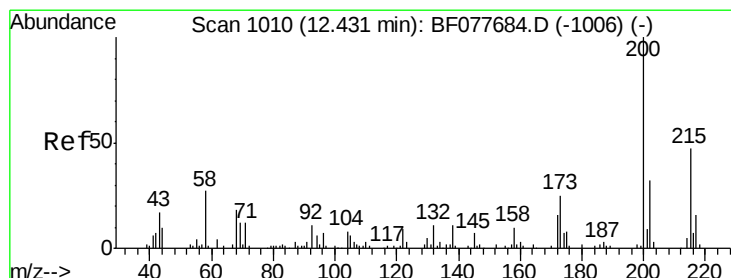
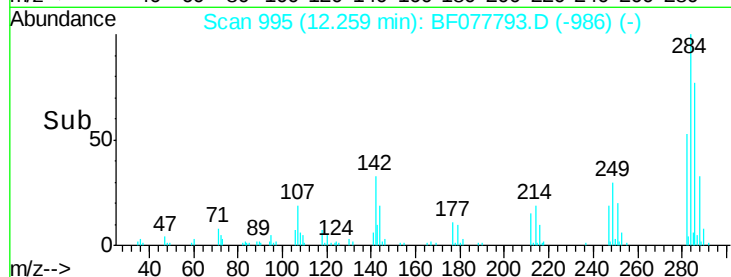
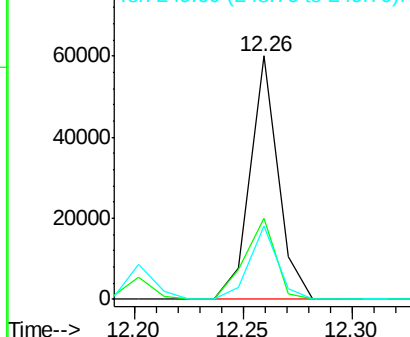
Tot Ion:	284	Resp:	53615
Ion Ratio	Lower	Upper	
284	100		
142	33.2	20.4	30.6#
249	30.4	23.8	35.6

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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: 30.55 ng

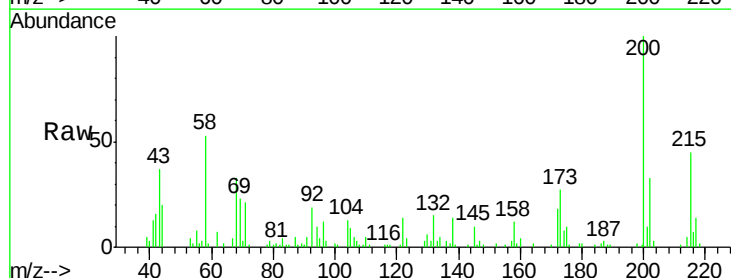
RT: 12.42 min Scan# 1009

Delta R.T. -0.01 min

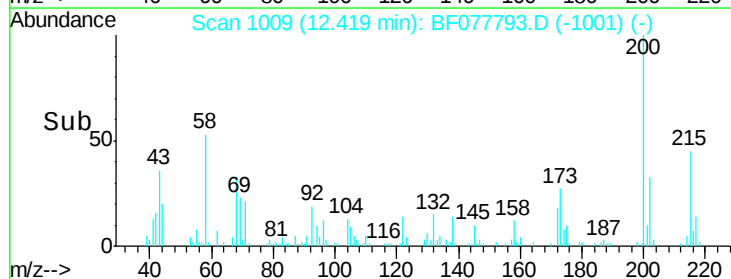
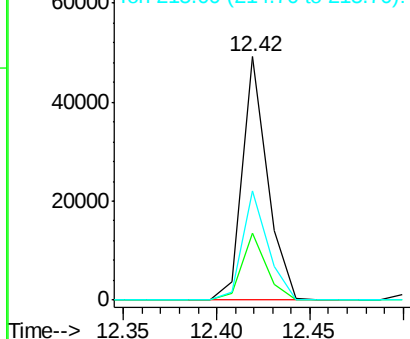
Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:	200	Resp:	46156
Ion Ratio	Lower	Upper	
200	100		
173	27.3	4.8	44.8
215	44.8	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





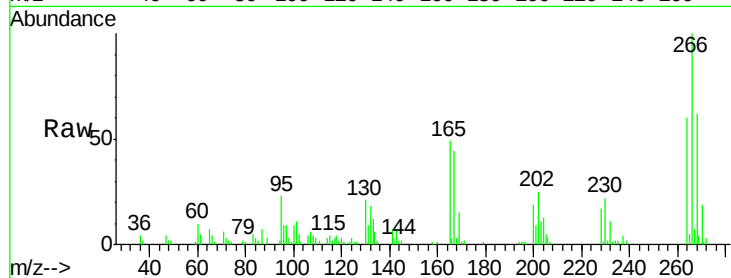
#69
 Pentachlorophenol
 Concen: 54.41 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

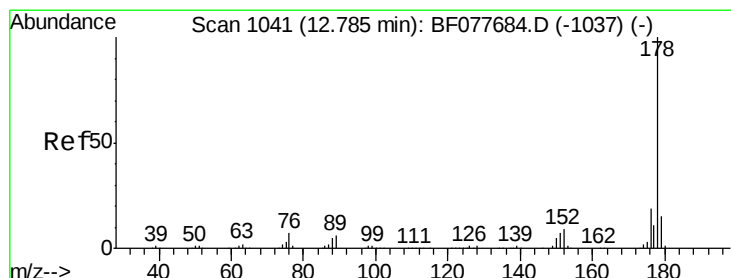
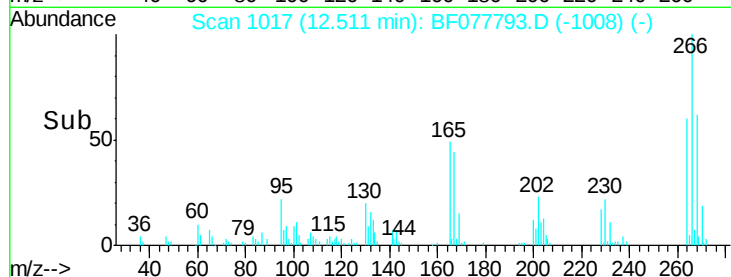
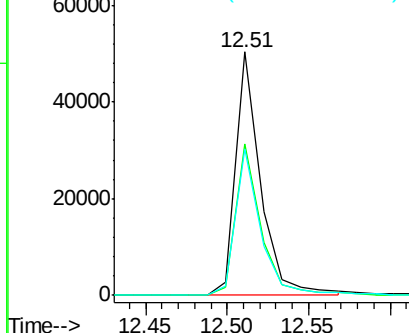
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	52.0	78.0
264	60.4	49.0	73.4

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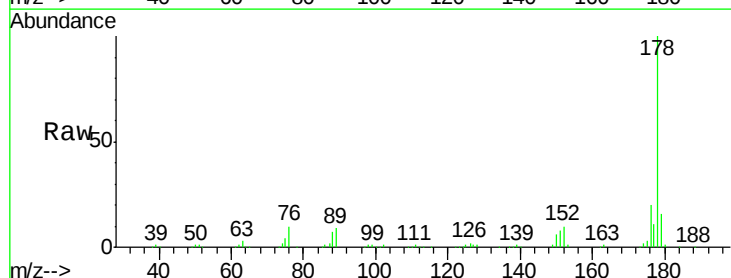


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

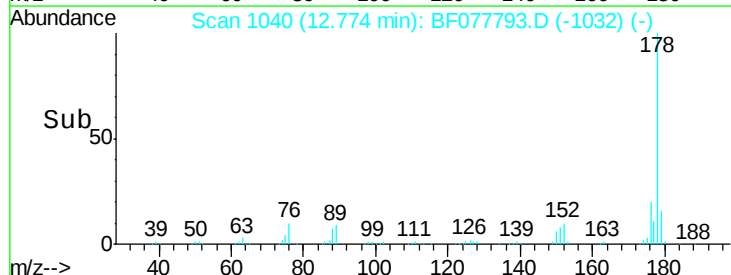
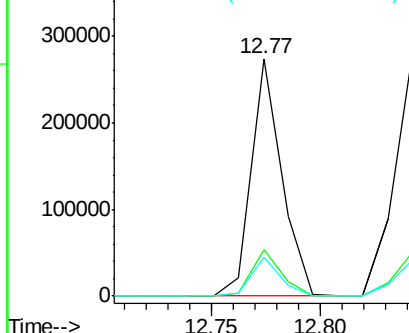


#70
 Phenanthrene
 Concen: 28.78 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	16.1	12.1	18.1



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





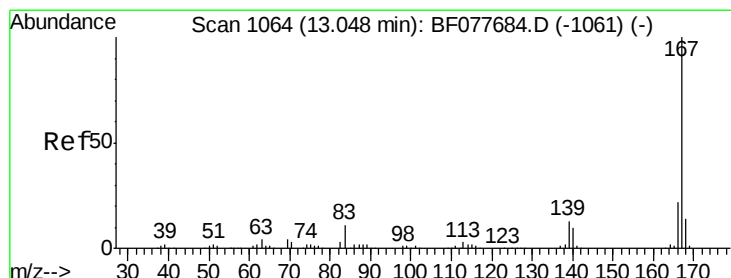
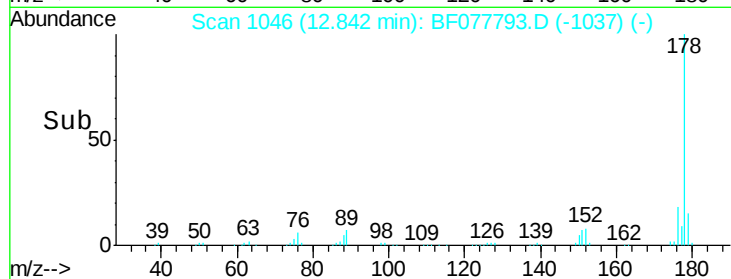
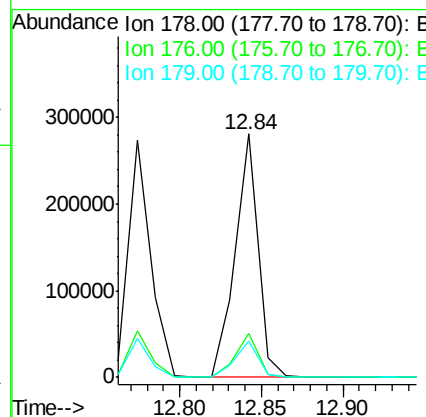
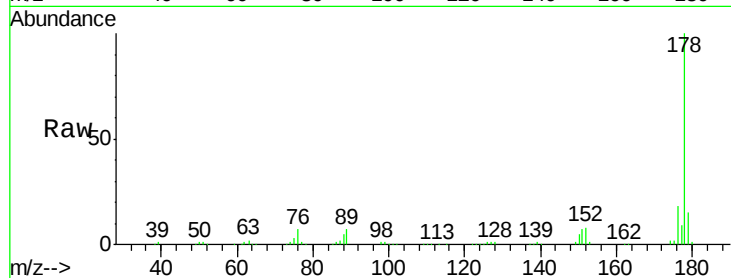
#71
 Anthracene
 Concen: 29.51 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.1	12.6	19.0

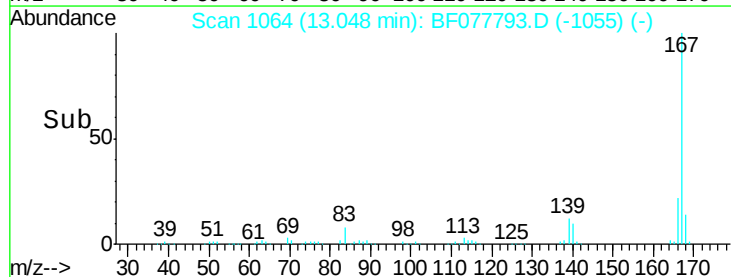
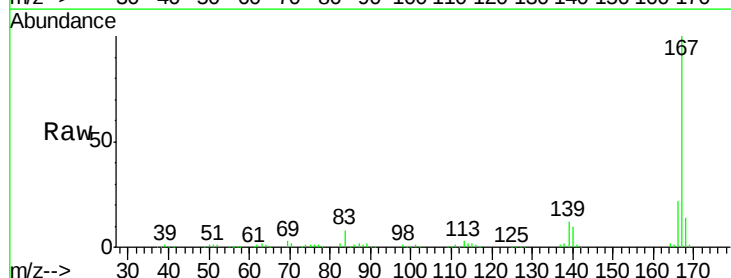
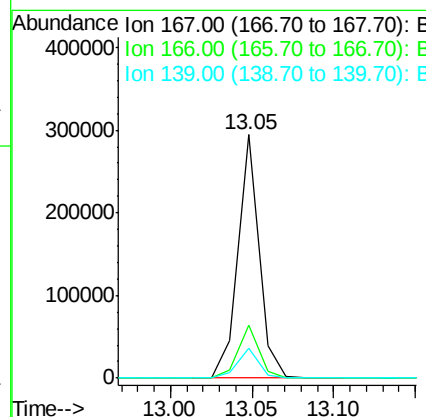
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#72
 Carbazole
 Concen: 30.11 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.2	10.8	16.2





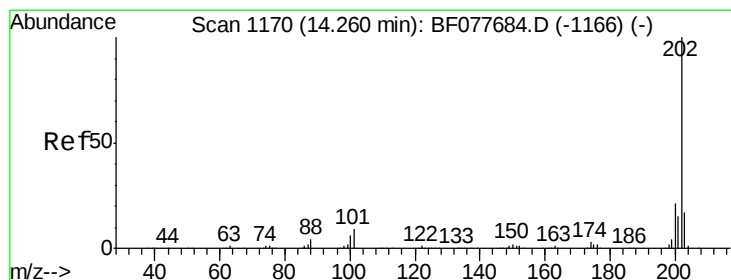
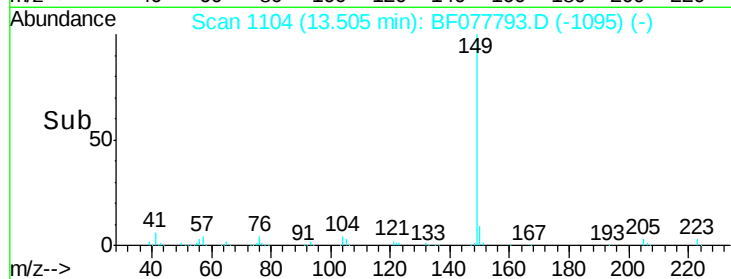
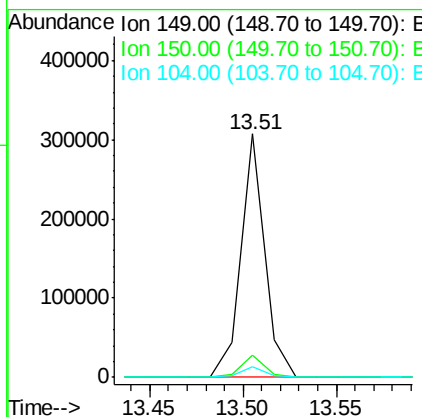
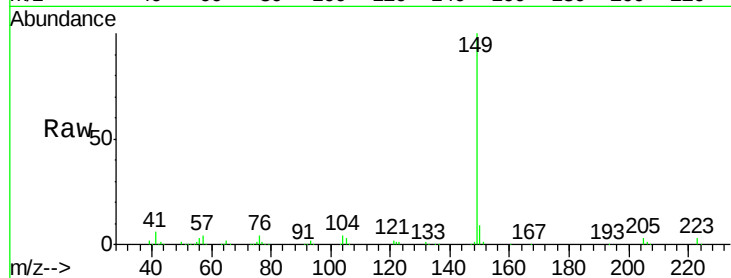
#73
Di-n-butylphthalate
Concen: 28.03 ng
RT: 13.51 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	274484		
150	9.2	7.5	11.3	
104	4.5	3.7	5.5	

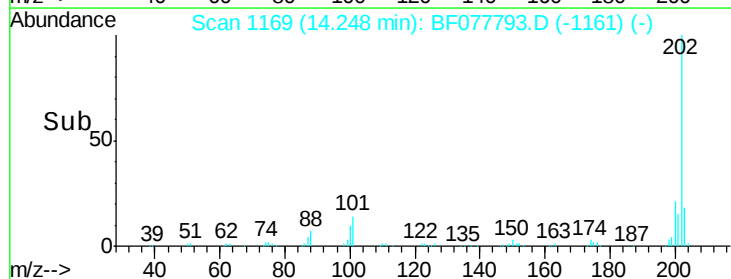
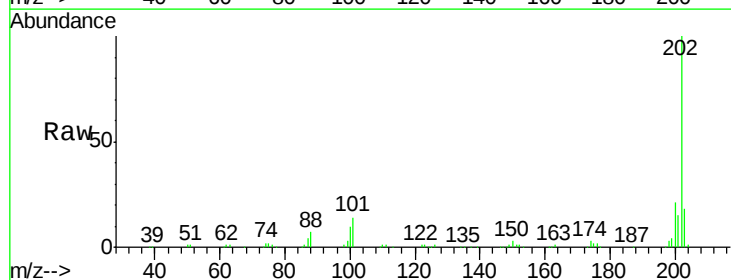
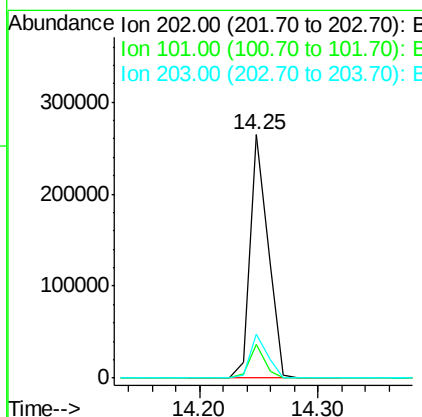
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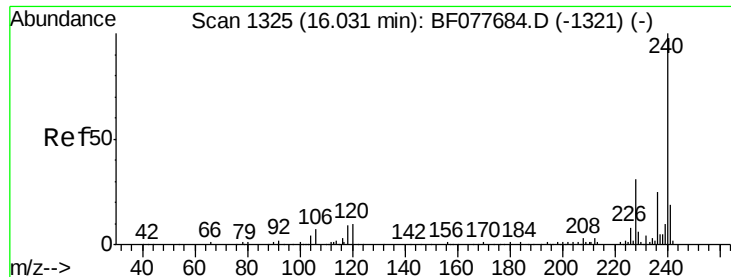
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#74
Fluoranthene
Concen: 27.49 ng
RT: 14.25 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	281825		
101	13.7	0.0	28.7	
203	18.1	0.0	37.2	





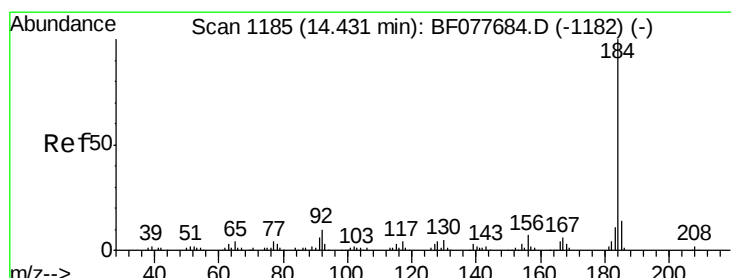
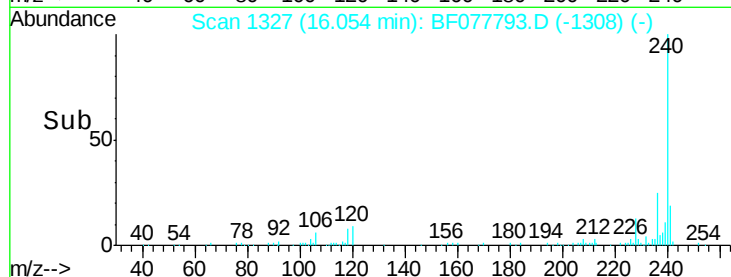
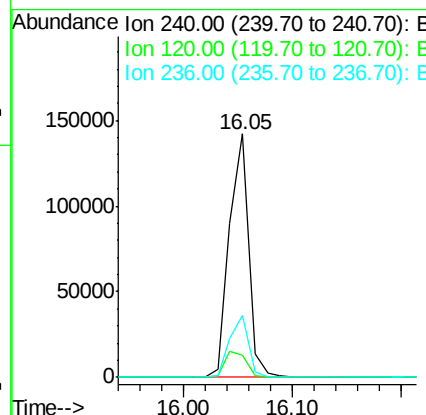
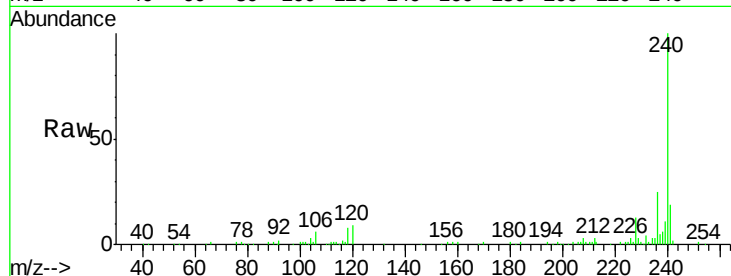
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1327
Delta R.T. -0.08 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	25.3	20.0	30.0

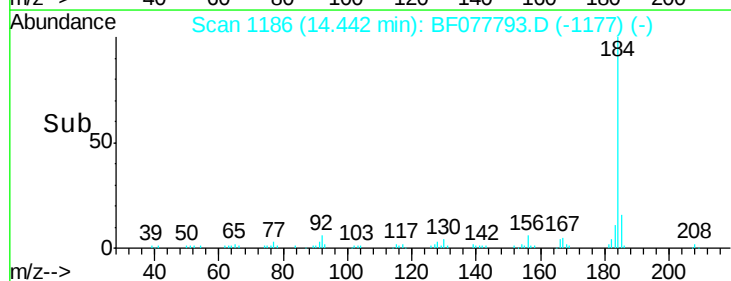
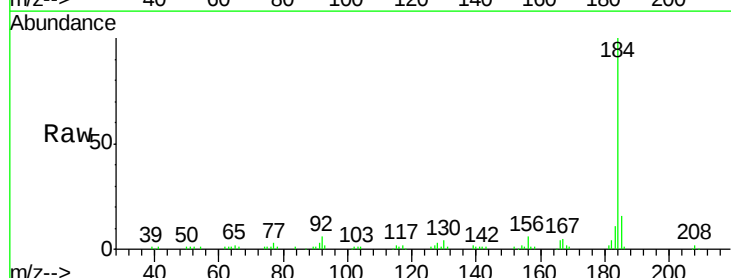
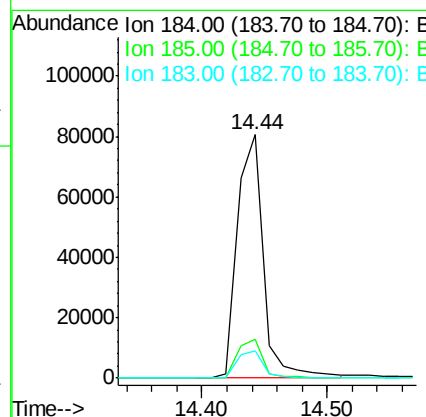
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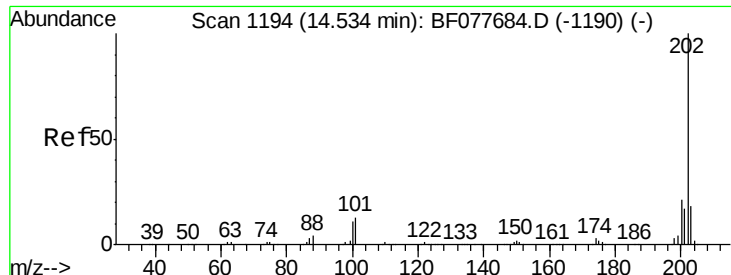
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#76
Benzidine
Concen: 26.68 ng m
RT: 14.44 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.3	16.9
183	11.0	8.9	13.3





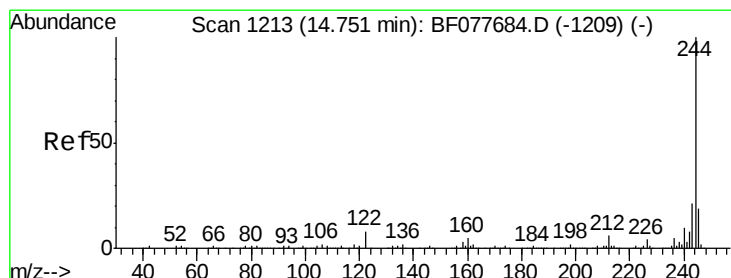
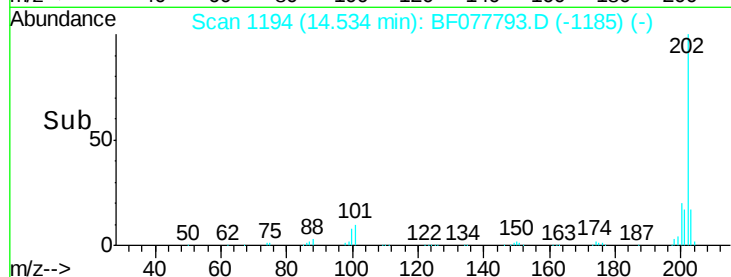
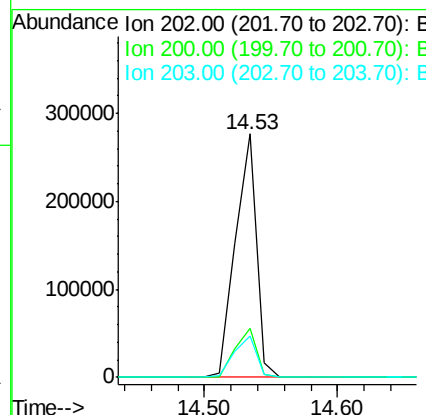
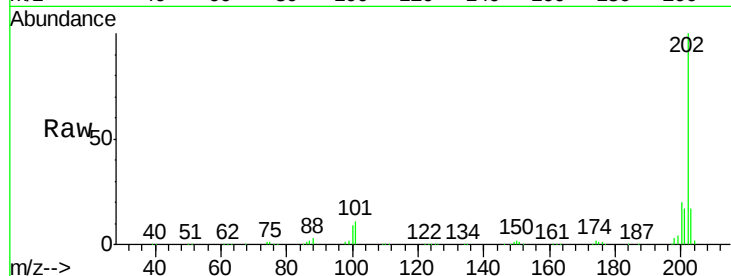
#77
Pvrene
Concen: 28.16 ng m
RT: 14.53 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	16.9	25.3
203	17.2	14.1	21.1

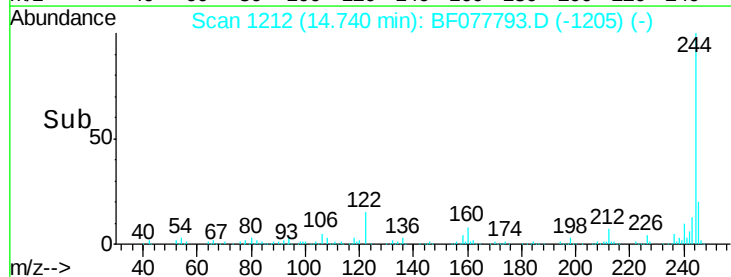
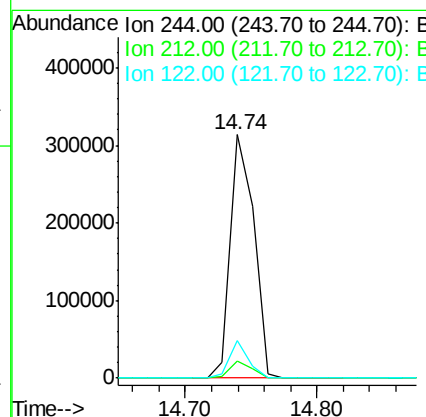
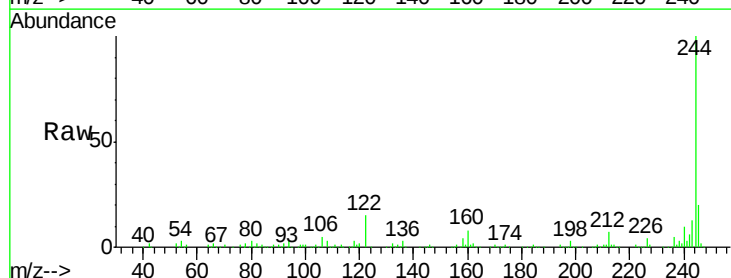
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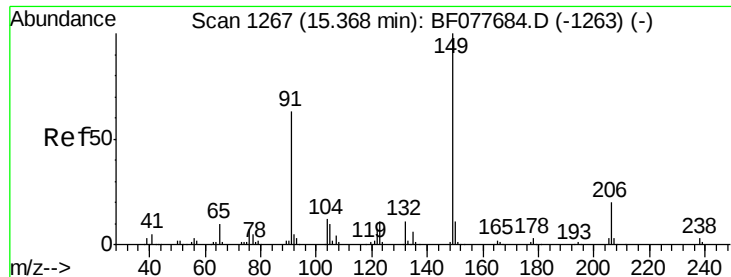
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#78
Terphenyl-d14
Concen: 53.98 ng m
RT: 14.74 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	4.9	7.3
122	15.4	6.2	9.4





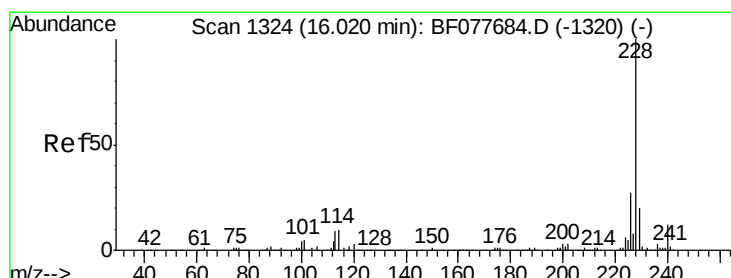
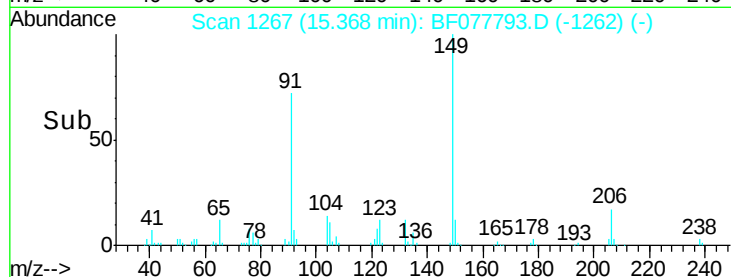
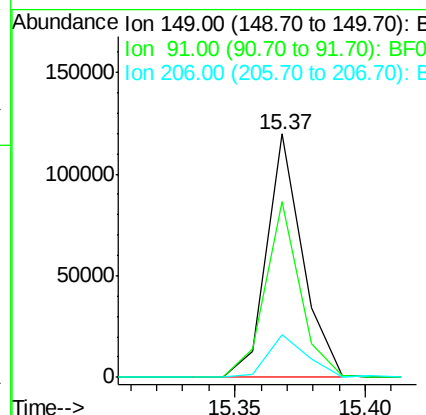
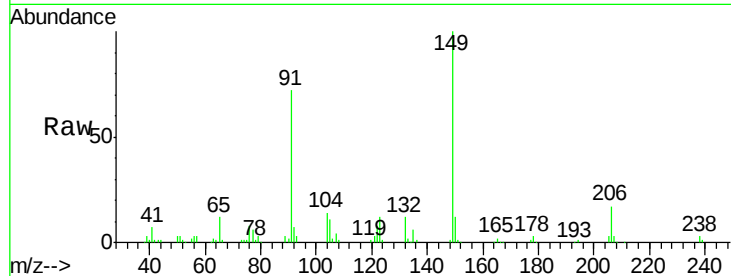
#79
Butylbenzylphthalate
Concen: 26.52 ng
RT: 15.37 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	114982		
91	72.2	50.1	75.1	
206	17.5	16.2	24.2	

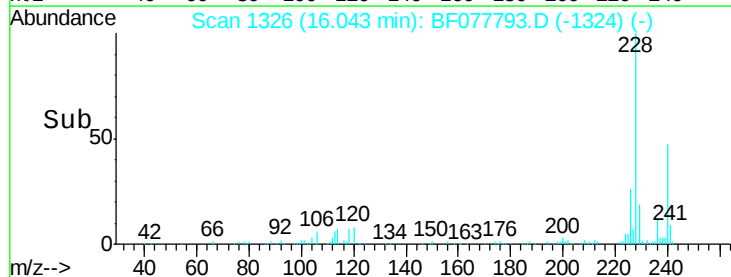
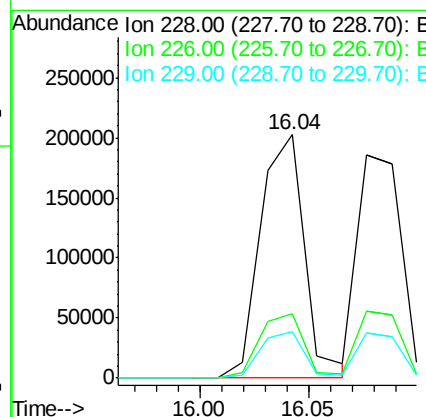
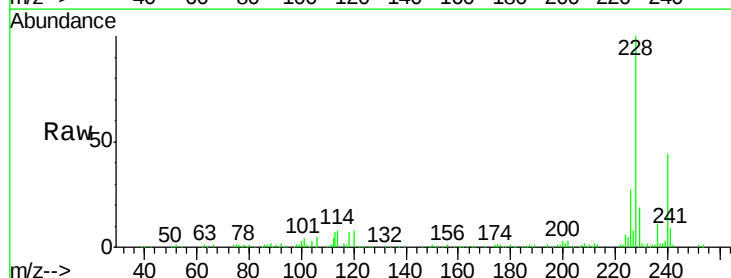
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#80
Benzo(a)anthracene
Concen: 27.70 ng
RT: 16.04 min Scan# 1326
Delta R.T. -0.08 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	287139		
226	26.6	21.7	32.5	
229	18.9	16.0	24.0	





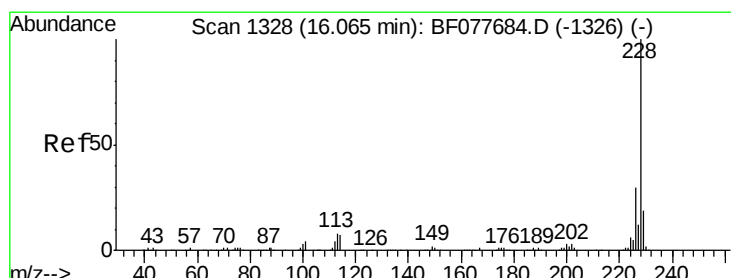
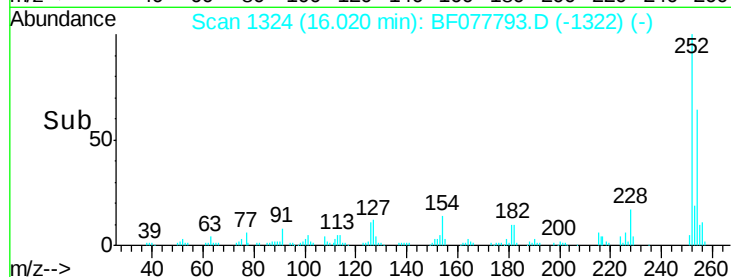
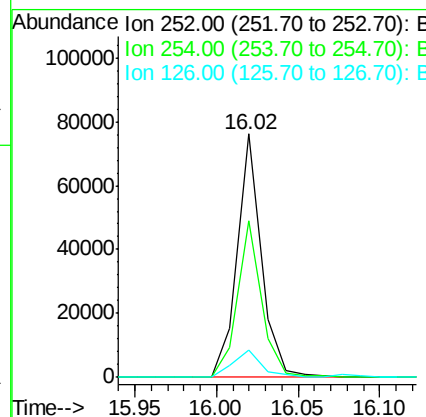
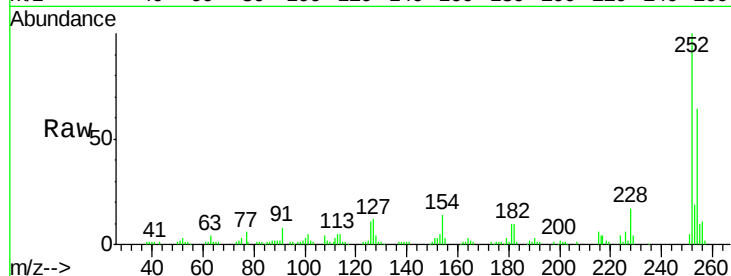
#81
 3,3'-Dichlorobenzidine
 Concen: 22.75 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.08 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	11.1	9.8	14.8

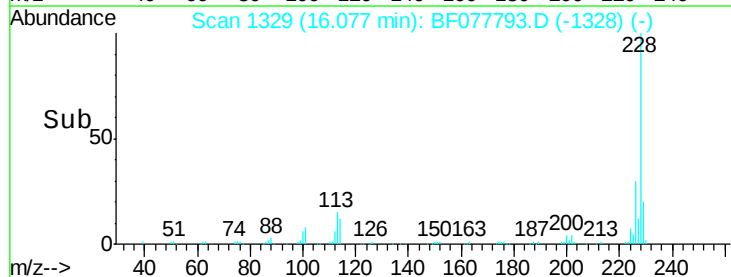
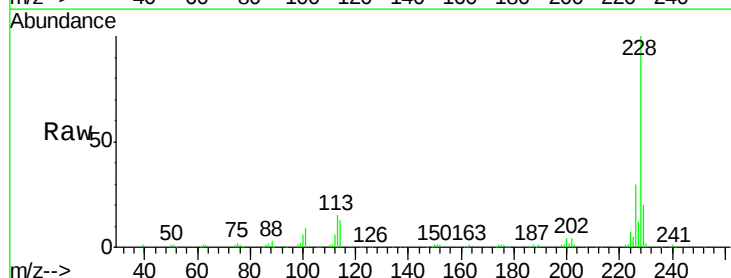
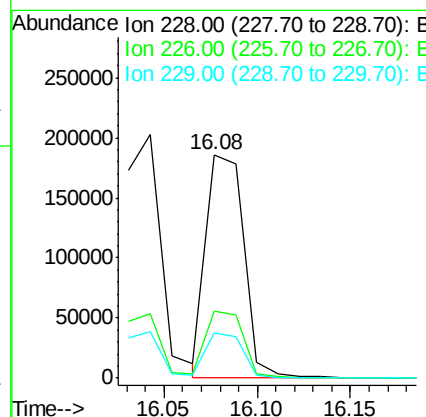
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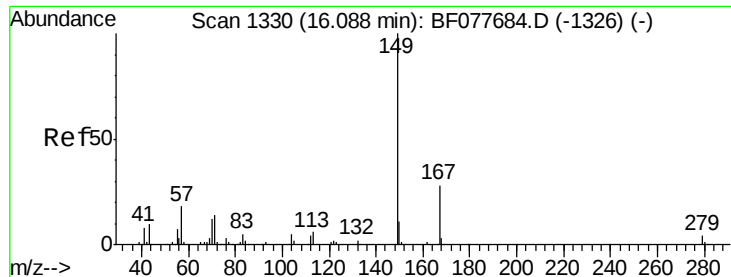
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#82
 Chrysene
 Concen: 28.01 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.09 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	20.3	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.33 ng

RT: 16.11 min Scan# 1332

Delta R.T. -0.09 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

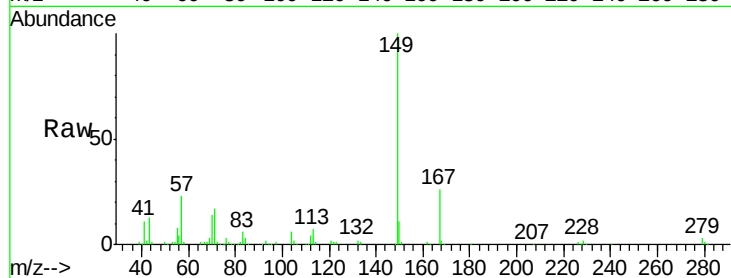
ClientSampleId :

SB-12(13-15)MS

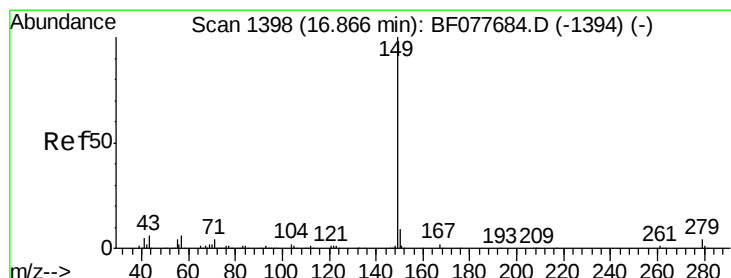
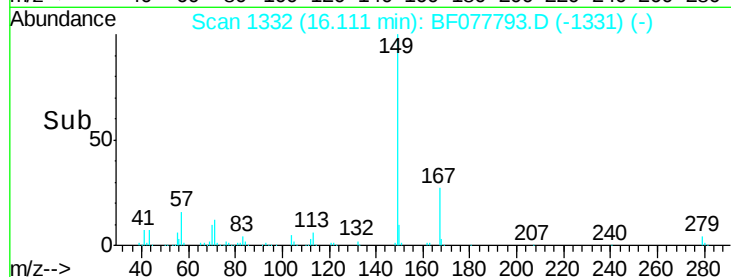
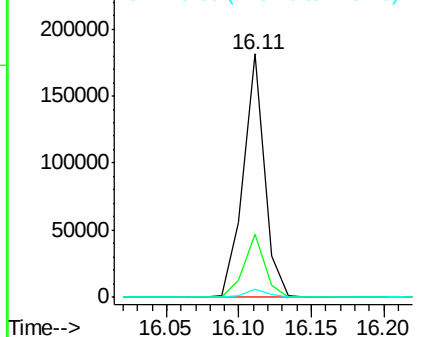
Tot Ion:	149	Resp:	186079
Ion Ratio	Lower	Upper	
149	100		
167	26.0	22.4	33.6
279	3.1	3.4	5.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 24.08 ng m

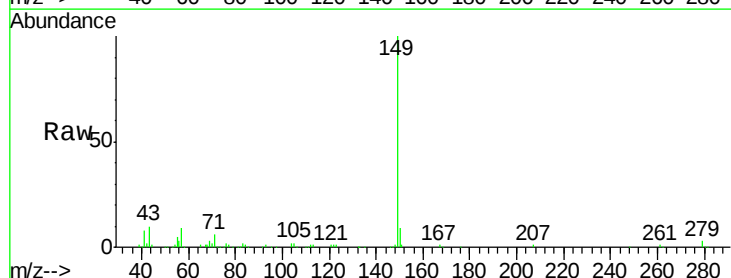
RT: 16.93 min Scan# 1404

Delta R.T. -0.17 min

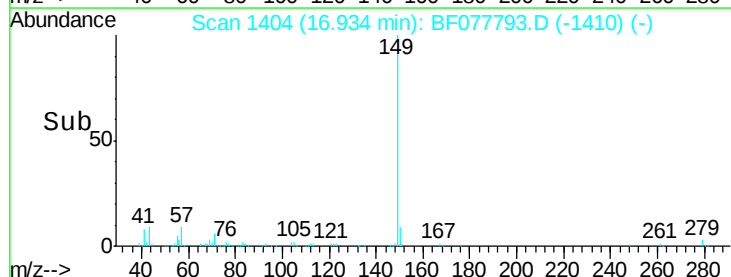
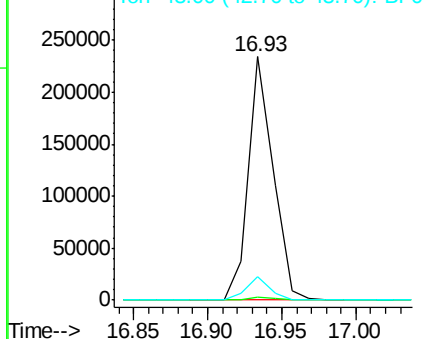
Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:	149	Resp:	270399
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.2	1.8#
43	0.0	7.3	10.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





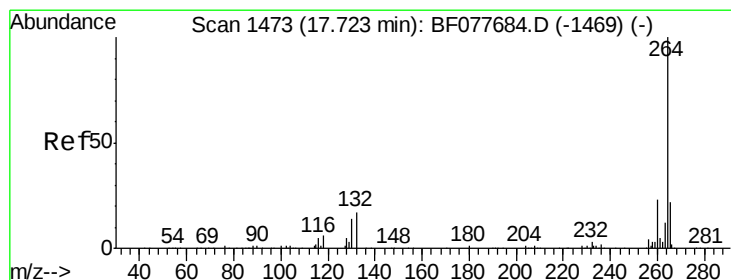
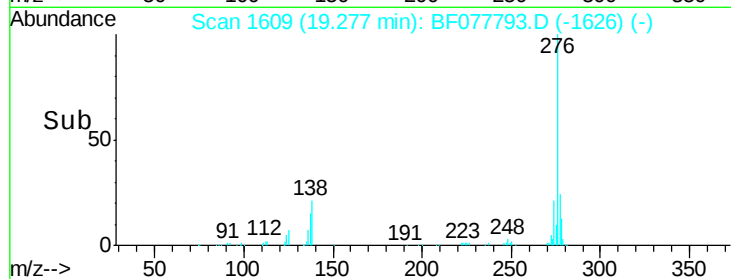
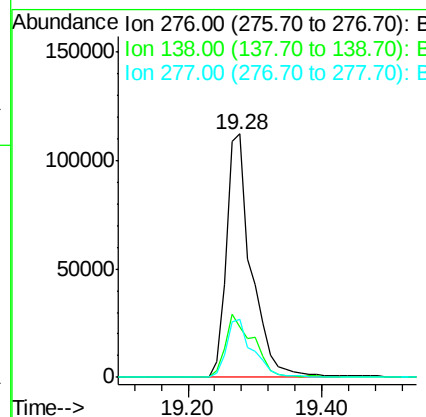
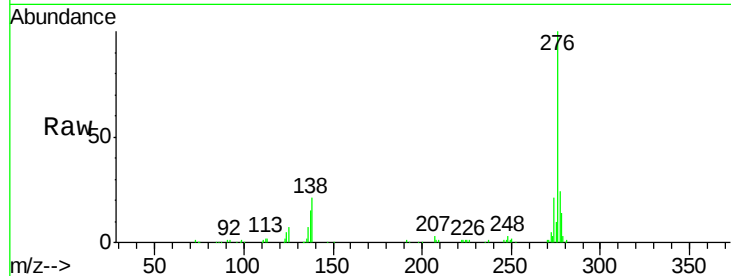
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.92 ng/ml
 RT: 19.28 min Scan# 1609
 Delta R.T. -0.30 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100		289891		
138	0.0	0.0	0.0		
277	0.0	0.0	0.0		

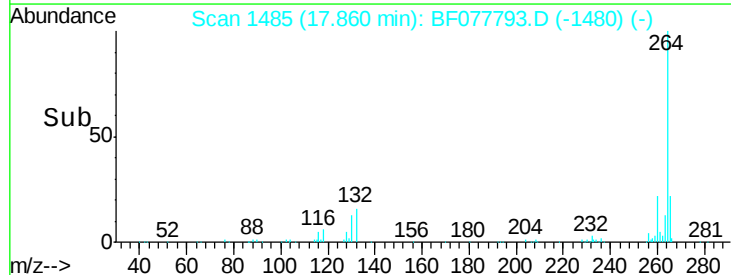
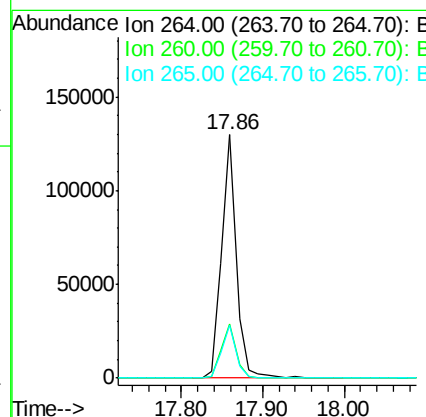
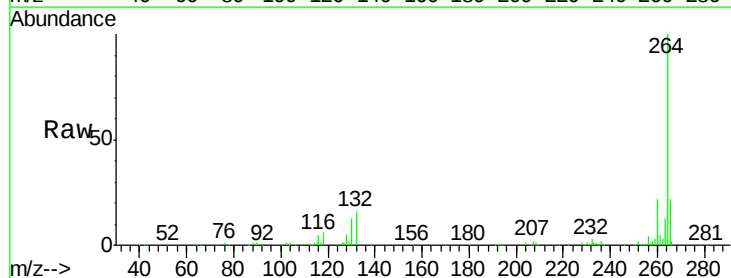
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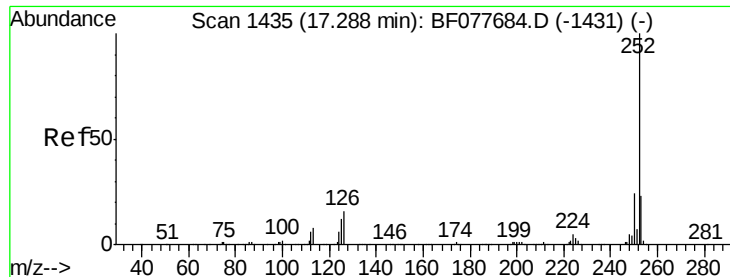
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.86 min Scan# 1485
 Delta R.T. -0.24 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		162935		
260	22.3	18.6	27.8		
265	21.5	17.3	25.9		





#87

Benzo(b)fluoranthene

Concen: 24.13 ng

RT: 17.39 min Scan# 1444

Delta R.T. -0.19 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

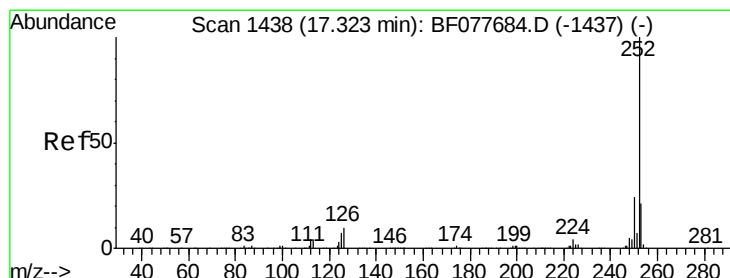
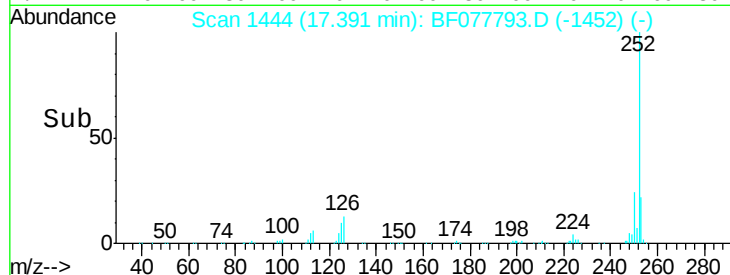
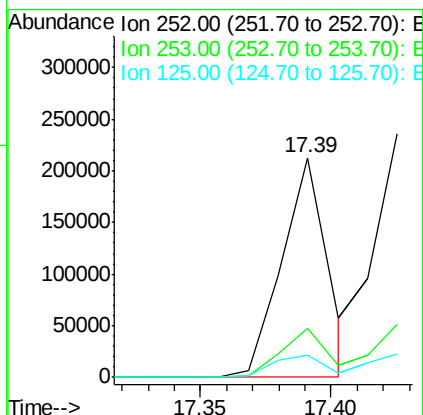
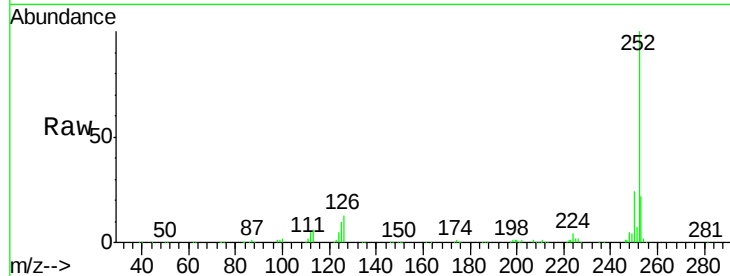
ClientSampleId :

SB-12(13-15)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.9	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 33.70 ng m

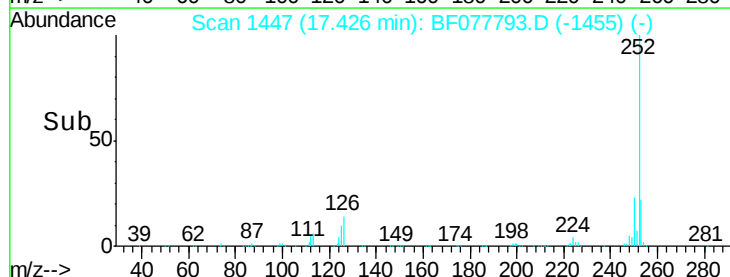
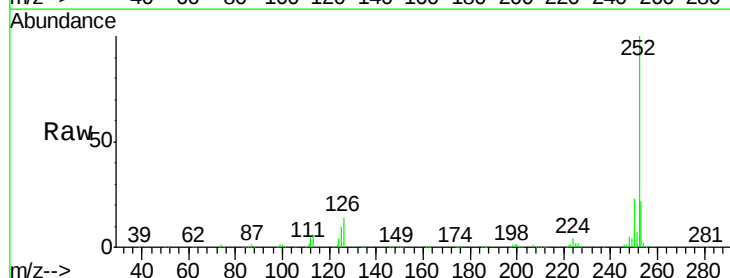
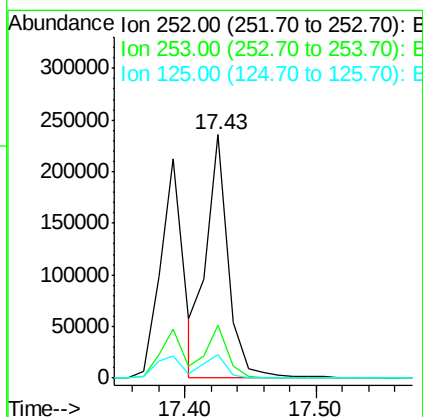
RT: 17.43 min Scan# 1447

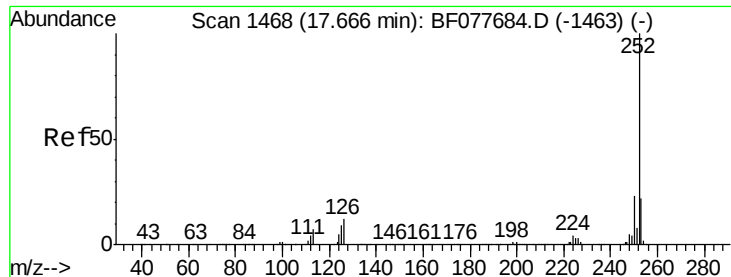
Delta R.T. -0.19 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	9.5	8.1	12.1





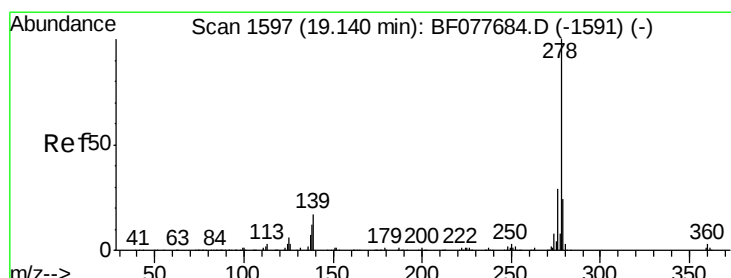
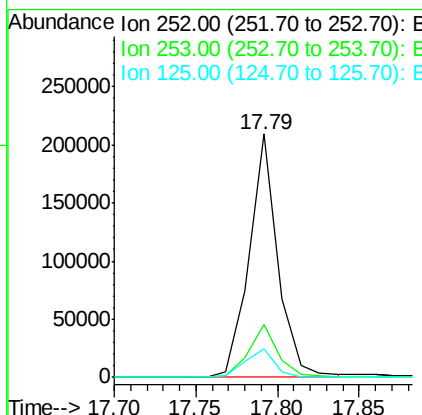
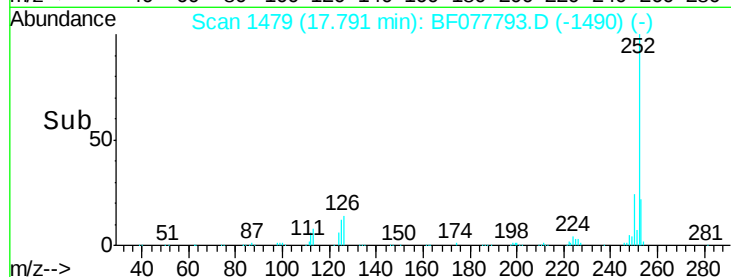
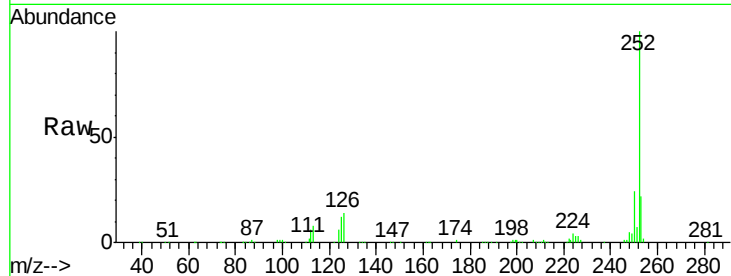
#89
Benzo(a)pyrene
Concen: 28.92 ng
RT: 17.79 min Scan# 1479
Delta R.T. -0.23 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.6	7.4	11.2

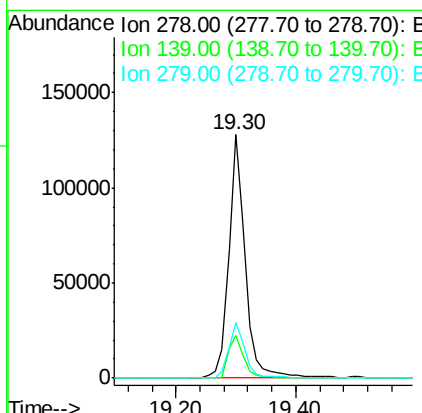
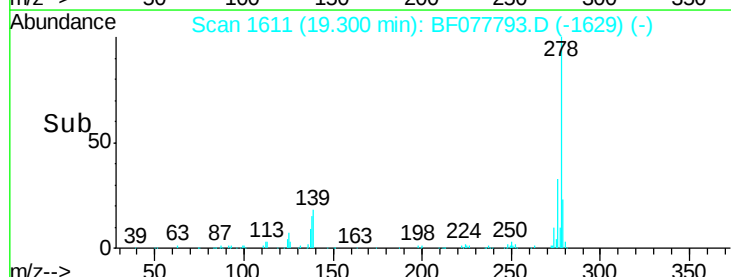
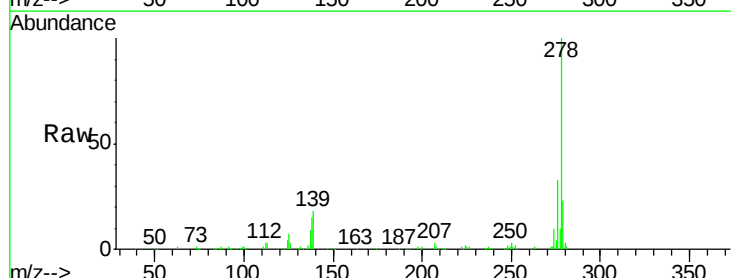
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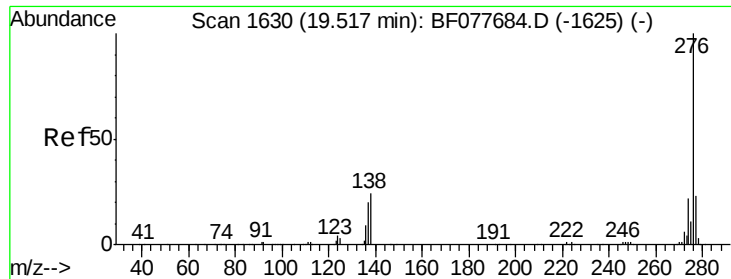
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#90
Dibenzo(a,h)anthracene
Concen: 28.00 ng m
RT: 19.30 min Scan# 1611
Delta R.T. -0.31 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.4	20.0
279	22.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 27.96 ng/ml
 RT: 19.69 min Scan# 1645
 Delta R.T. -0.31 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tot Ion:	276	Resp:	250585
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.5	27.7
138	21.6	19.0	28.6

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