

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077794.D
 Acq On : 18 Mar 2015 11:18
 Operator : TP/IZ
 Sample : G1544-08MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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 3/20/2015 1:47:59 PM

Quant Time: Mar 19 01:31:07 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	42443	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	165734	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	81249	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	160901	20.00	ng	0.00
75) Chrysene-d12	16.04	240	169512	20.00	ng	-0.09
86) Perylene-d12	17.80	264	160887	20.00	ng	-0.30

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	333294	137.07	ng	0.01
7) Phenol-d6	6.73	99	416887	138.77	ng	0.00
23) Nitrobenzene-d5	7.86	82	248661	98.35	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	103687	133.38	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	543650	98.33	ng	0.00
78) Terphenyl-d14	14.74	244	578913m	83.42	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.06	88	40611	36.79	ng	# 100
3) Pyridine	2.75	79	97852	32.99	ng	99
4) n-Nitrosodimethylamine	2.67	42	52621	40.74	ng	89
6) Aniline	6.75	93	58881	13.70	ng	# 10
8) 2-Chlorophenol	6.89	128	128716	44.47	ng	100
9) Benzaldehyde	6.60	77	8806	7.15	ng	92
10) Phenol	6.74	94	148239	41.74	ng	88
11) bis(2-Chloroethyl)ether	6.85	93	120863	45.44	ng	97
12) 1,3-Dichlorobenzene	7.08	146	135848	42.20	ng	99
13) 1,4-Dichlorobenzene	7.18	146	134009	40.06	ng	99
14) 1,2-Dichlorobenzene	7.37	146	128018	41.75	ng	100
15) Benzyl Alcohol	7.34	79	101140	43.13	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	156649	43.70	ng	99
17) 2-Methylphenol	7.49	107	100665	42.72	ng	97
18) Hexachloroethane	7.78	117	45587	41.56	ng	99
19) n-Nitroso-di-n-propylamine	7.68	70	82635	39.76	ng	95
20) 3+4-Methylphenols	7.69	107	133133	43.06	ng	95
22) Acetophenone	7.68	105	176896	48.21	ng	# 92
24) Nitrobenzene	7.88	77	124663	45.77	ng	# 78
25) Isophorone	8.18	82	231372	45.31	ng	99
26) 2-Nitrophenol	8.27	139	63346	47.50	ng	94
27) 2,4-Dimethylphenol	8.34	122	116188	47.83	ng	97
28) bis(2-Chloroethoxy)methane	8.46	93	147257	47.51	ng	98
29) 2,4-Dichlorophenol	8.57	162	107785	46.55	ng	96
30) 1,2,4-Trichlorobenzene	8.67	180	112056	43.25	ng	99
31) Naphthalene	8.76	128	367144	43.13	ng	99
32) Benzoic acid	8.45	122	51229	38.46	ng	94
33) 4-Chloroaniline	8.84	127	59276	17.16	ng	97
34) Hexachlorobutadiene	8.92	225	63323	43.12	ng	99
35) Caprolactam	9.26	113	32877	48.58	ng	89
36) 4-Chloro-3-methylphenol	9.45	107	108876	46.73	ng	84
37) 2-Methylnaphthalene	9.62	142	259510	45.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	108220	44.66	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	104195	85.66	ng	97

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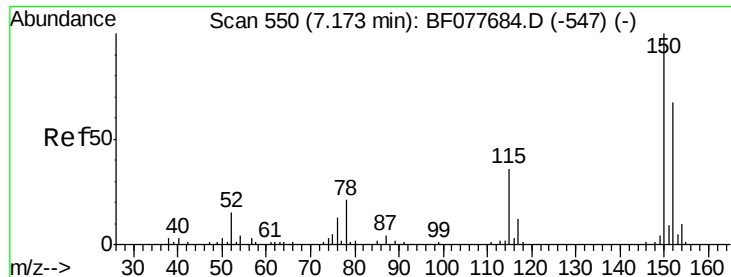
Manual Integrations
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Quant Time: Mar 19 01:31:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 13:16:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	74381	44.31	nq	98
43) 2,4,5-Trichlorophenol	10.02	196	79937	44.08	nq	# 86
45) 1,1'-Biphenyl	10.20	154	301562	46.43	nq	97
46) 2-Chloronaphthalene	10.22	162	241880	45.83	nq	97
47) 2-Nitroaniline	10.35	65	62633	47.78	nq	# 82
48) Acenaphthylene	10.73	152	372142	42.40	nq	99
49) Dimethylphthalate	10.59	163	286712	47.58	nq	99
50) 2,6-Dinitrotoluene	10.67	165	63832	51.10	nq	# 73
51) Acenaphthene	10.94	154	215173	42.76	nq	100
52) 3-Nitroaniline	10.86	138	37839	26.08	nq	85
53) 2,4-Dinitrophenol	11.00	184	44791	95.83	nq	# 80
54) Dibenzofuran	11.16	168	333744	44.71	nq	95
55) 4-Nitrophenol	11.09	139	106817	99.40	nq	96
56) 2,4-Dinitrotoluene	11.16	165	84474	51.86	nq	# 81
57) Fluorene	11.59	166	274634	44.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	63796	45.69	nq	# 100
59) Diethylphthalate	11.47	149	265731	45.26	nq	97
60) 4-Chlorophenyl-phenylether	11.60	204	127003	44.90	nq	91
61) 4-Nitroaniline	11.62	138	60786	42.04	nq	82
62) Azobenzene	11.79	77	249529	44.47	nq	94
64) 4,6-Dinitro-2-methylphenol	11.67	198	31966	42.61	nq	# 72
65) n-Nitrosodiphenylamine	11.75	169	244308	45.60	nq	100
66) 4-Bromophenyl-phenylether	12.20	248	73047	42.54	nq	# 85
67) Hexachlorobenzene	12.26	284	82475	43.71	nq	# 90
68) Atrazine	12.42	200	71628	47.71	nq	93
69) Pentachlorophenol	12.51	266	86819	87.55	nq	98
70) Phenanthrene	12.77	178	400716	43.38	nq	98
71) Anthracene	12.84	178	421803	46.22	nq	100
72) Carbazole	13.05	167	404210	46.56	nq	99
73) Di-n-butylphthalate	13.51	149	440203	45.22	nq	99
74) Fluoranthene	14.25	202	435687	42.76	nq	95
76) Benzidine	14.43	184	149737m	35.66	nq	
77) Pyrene	14.53	202	467044m	43.82	nq	
79) Butylbenzylphthalate	15.37	149	189172	45.01	nq	99
80) Benzo(a)anthracene	16.02	228	445969	44.38	nq	100
81) 3,3'-Dichlorobenzidine	16.01	252	111650	33.68	nq	97
82) Chrysene	16.07	228	425096	47.05	nq	98
83) Bis(2-ethylhexyl)phthalate	16.09	149	288973	45.39	nq	# 94
84) Di-n-octyl phthalate	16.90	149	451260m	41.46	nq	
85) Indeno(1,2,3-cd)pyrene	19.21	276	483629m	42.89	nq	
87) Benzo(b)fluoranthene	17.35	252	442245m	42.11	nq	
88) Benzo(k)fluoranthene	17.38	252	417299m	50.86	nq	
89) Benzo(a)pyrene	17.75	252	417117	47.60	nq	99
90) Dibenzo(a,h)anthracene	19.24	278	405648m	46.67	nq	
91) Benzo(g,h,i)perylene	19.63	276	405459m	45.82	nq	

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



#1

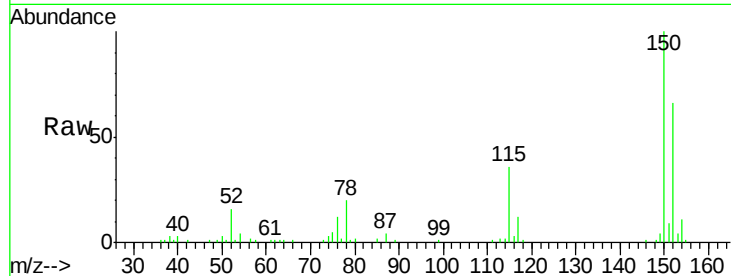
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

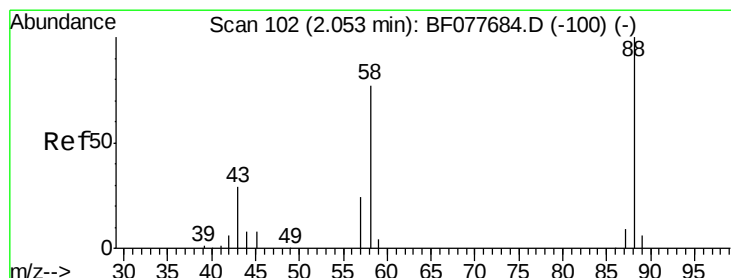
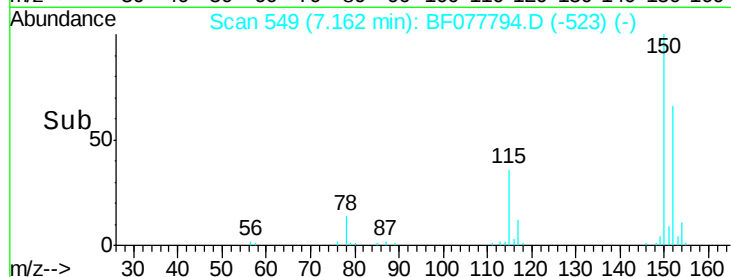
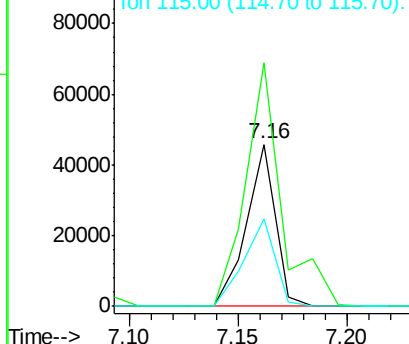
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	119.5	179.3
115	53.8	43.0	64.4

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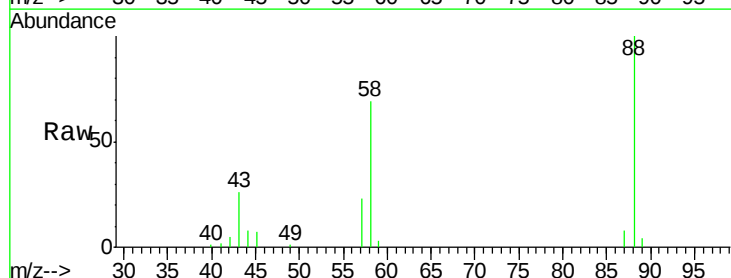
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



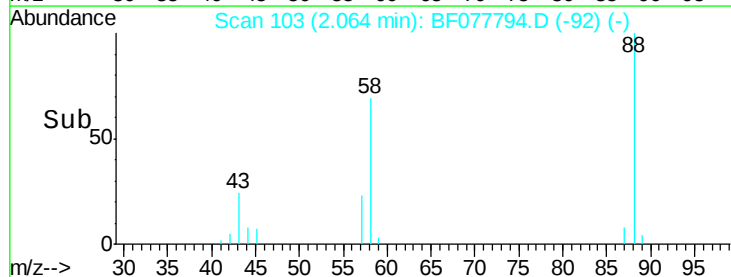
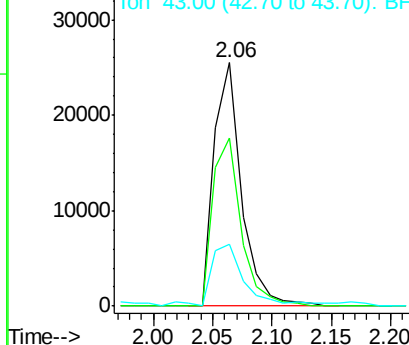
#2

1,4-Dioxane
Concen: 36.79 ng
RT: 2.06 min Scan# 103
Delta R.T. 0.02 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	0.0	0.0#
43	31.8	0.0	0.0#



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





#3

Pvridine

Concen: 32.99 ng

RT: 2.75 min Scan# 163

Delta R.T. 0.02 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Instrument :

BNA_F

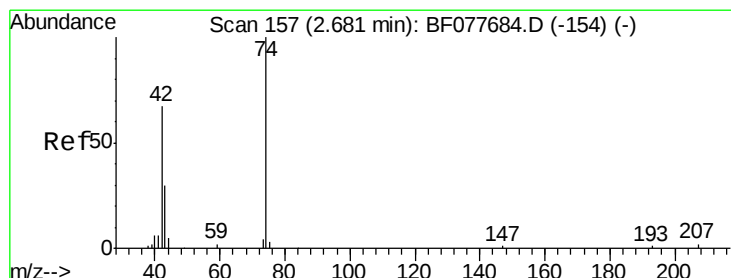
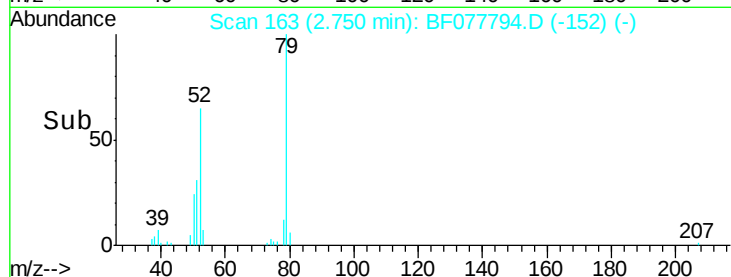
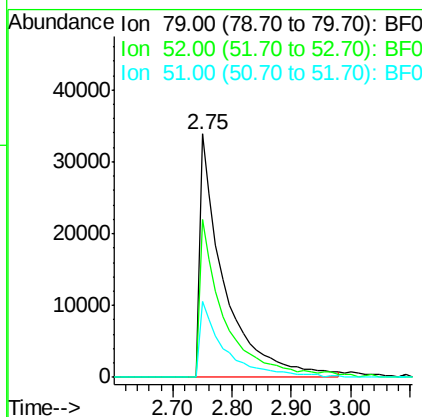
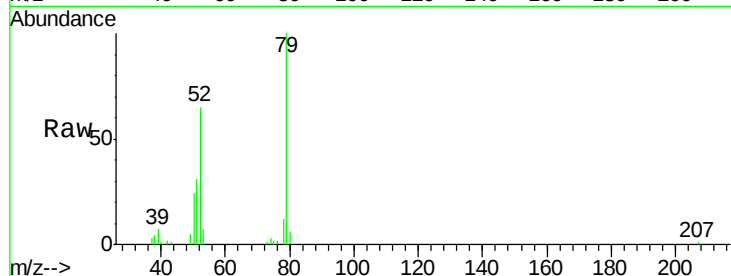
ClientSampleId :

SB-12(13-15)MSD

Tot Ion:	79	Resp:	97852
Ion Ratio	Lower	Upper	
79	100		
52	64.6	51.1	76.7
51	31.4	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 40.74 ng

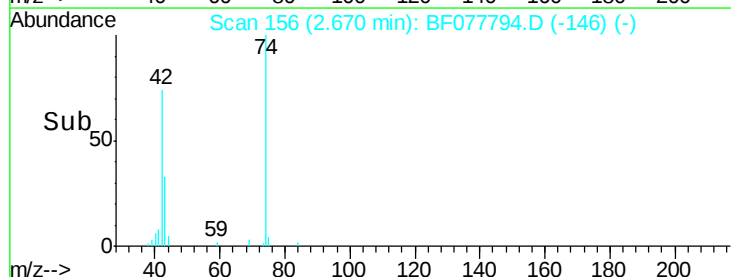
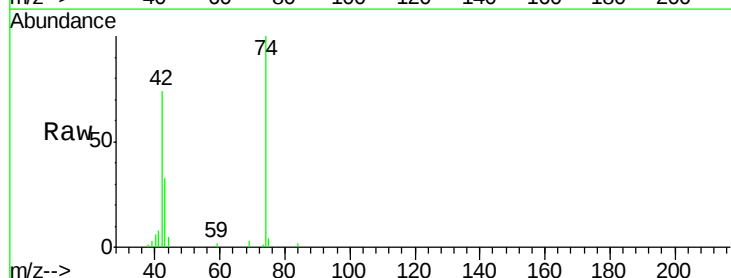
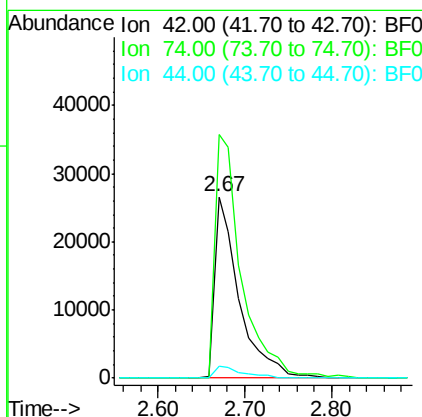
RT: 2.67 min Scan# 156

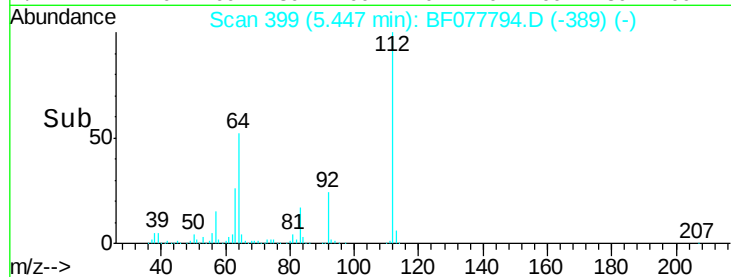
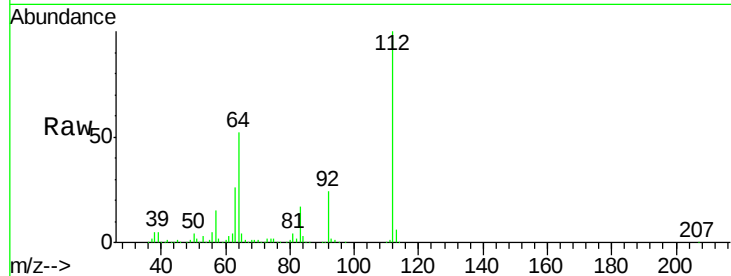
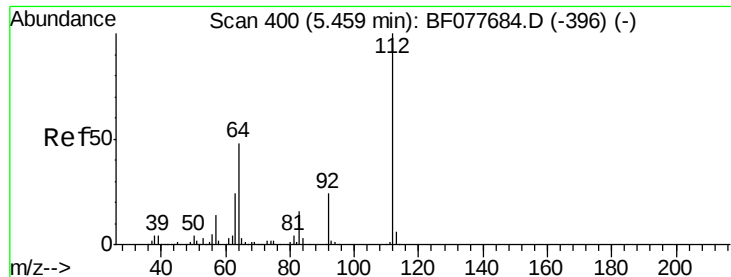
Delta R.T. 0.01 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Tgt Ion:	42	Resp:	52621
Ion Ratio	Lower	Upper	
42	100		
74	134.4	119.3	178.9
44	6.7	5.4	8.2





#5

2-Fluorophenol

Concen: 137.07 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Instrument :

BNA_F

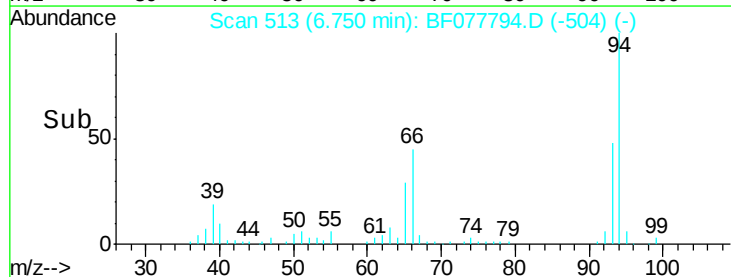
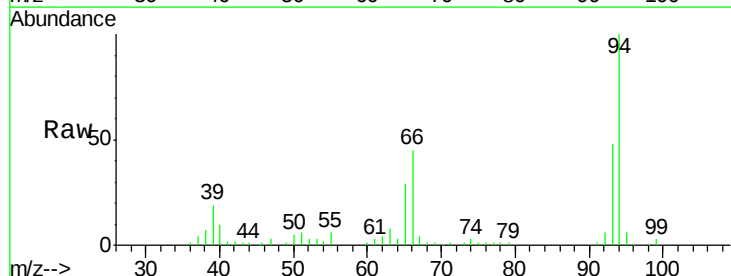
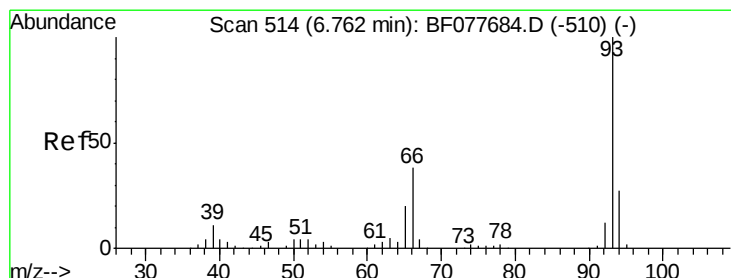
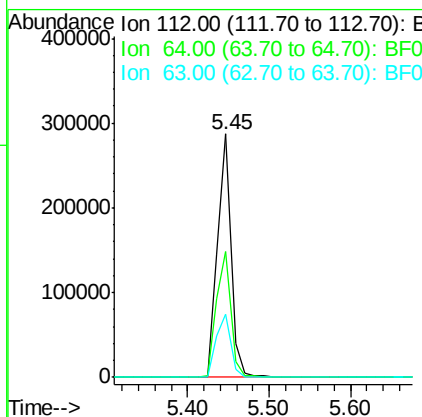
ClientSampleId :

SB-12(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	333294		
64	51.7	38.6	57.8	
63	25.9	19.3	28.9	

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#6

Aniline

Concen: 13.70 ng

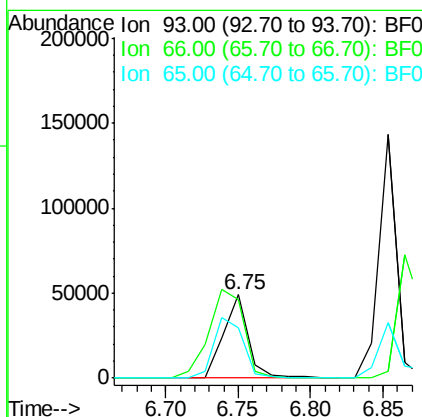
RT: 6.75 min Scan# 513

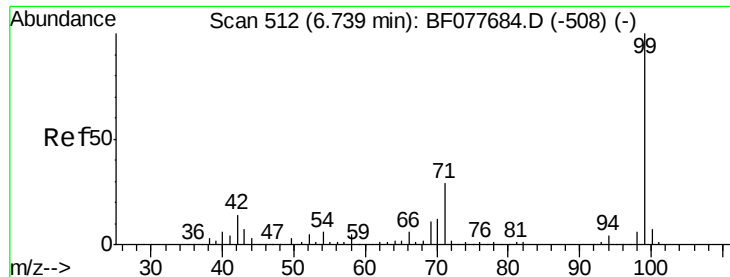
Delta R.T. -0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	58881		
66	93.7	30.8	46.2#	
65	61.1	16.0	24.0#	





#7

Phenol-d6

Concen: 138.77 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MSD

Tot Ion: 99 Resp: 416887

Ion Ratio Lower Upper

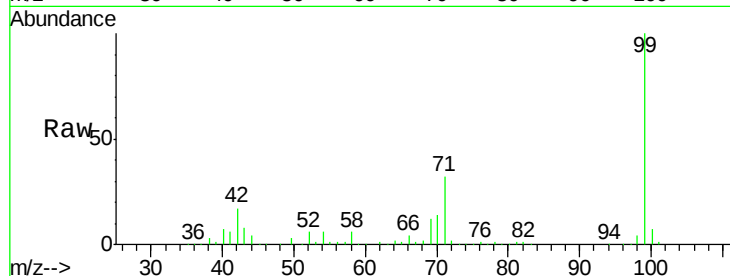
99 100

42 16.6 11.0 16.4#

71 32.0 23.4 35.2

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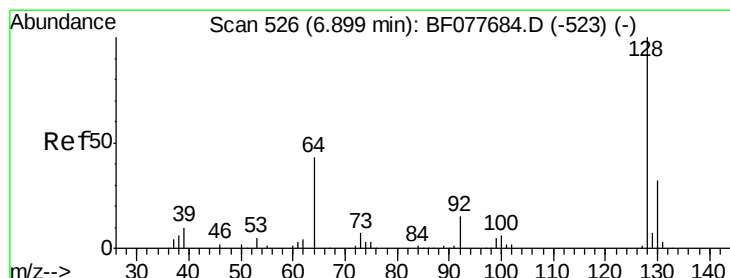
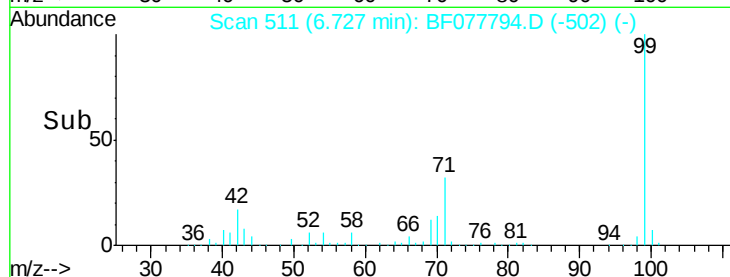
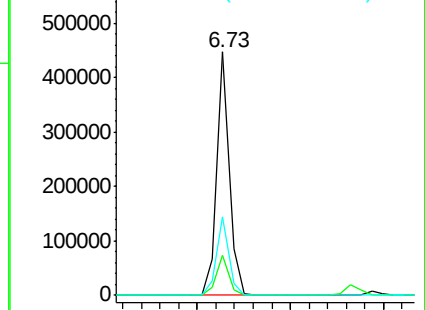
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.47 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

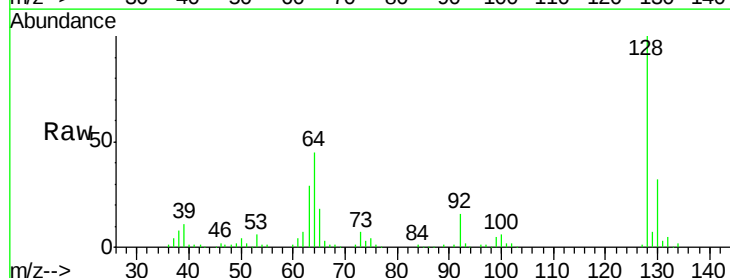
Tgt Ion:128 Resp: 128716

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

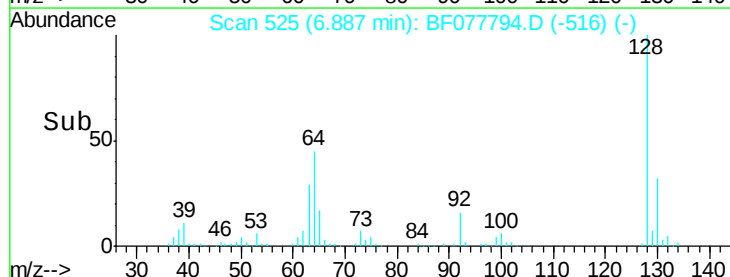
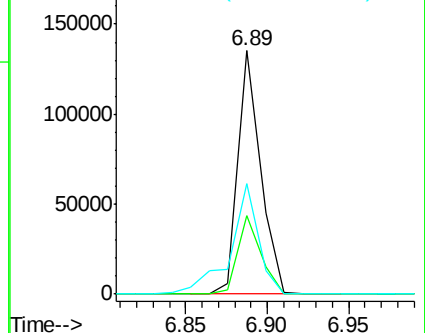
64 45.4 24.9 64.9

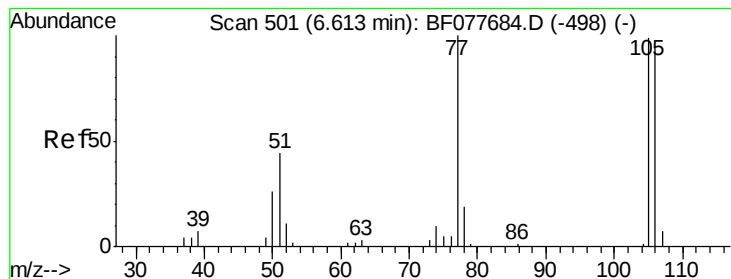


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.15 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MSD

Tot Ion: 77 Resp: 8806

Ion Ratio Lower Upper

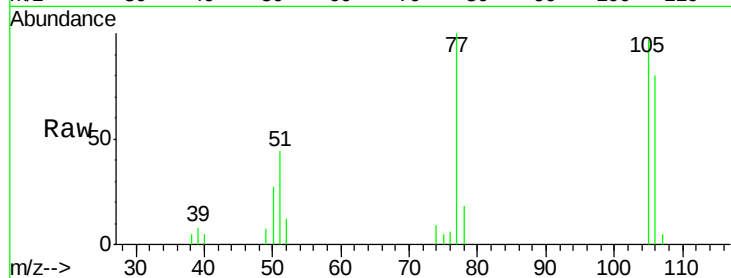
77 100

105 97.3 78.8 118.8

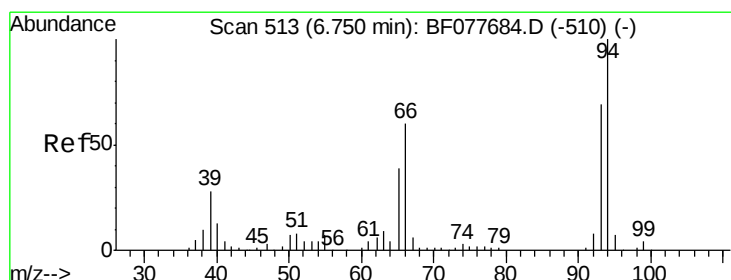
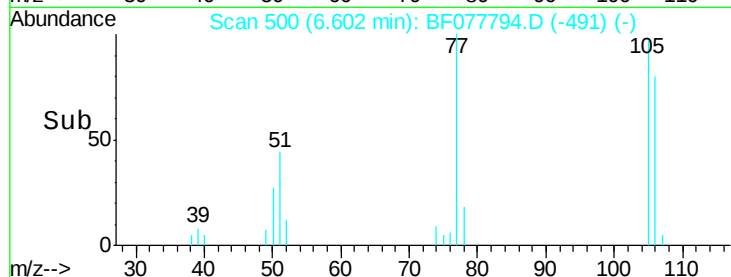
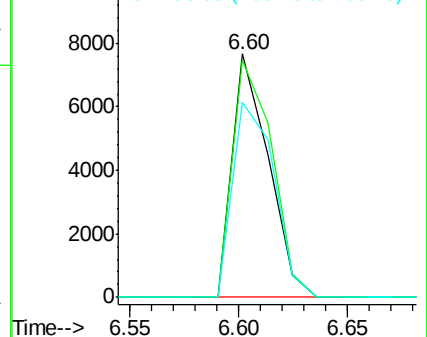
106 79.9 73.7 113.7

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



#10

Phenol

Concen: 41.74 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

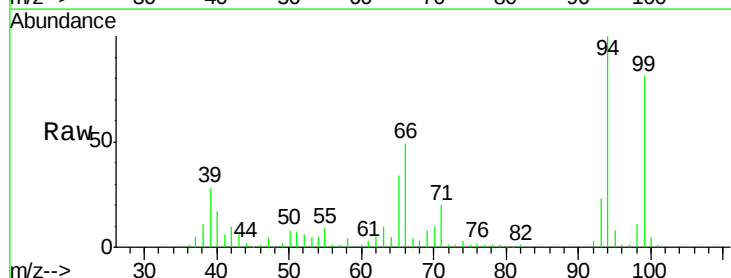
Tgt Ion: 94 Resp: 148239

Ion Ratio Lower Upper

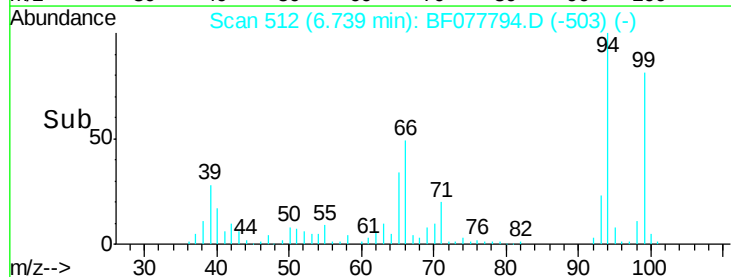
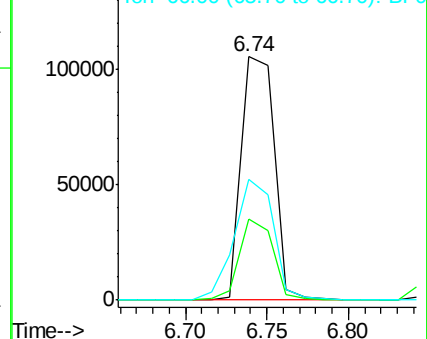
94 100

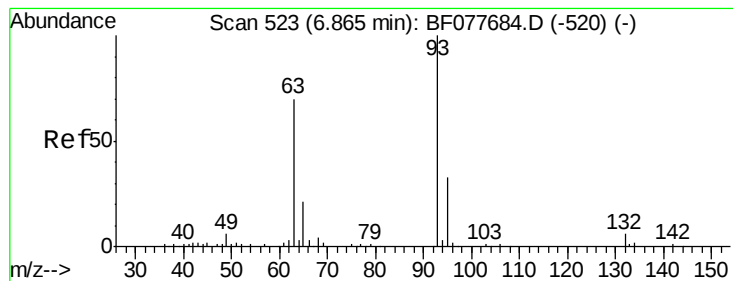
65 33.5 18.8 58.8

66 49.4 39.9 79.9



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





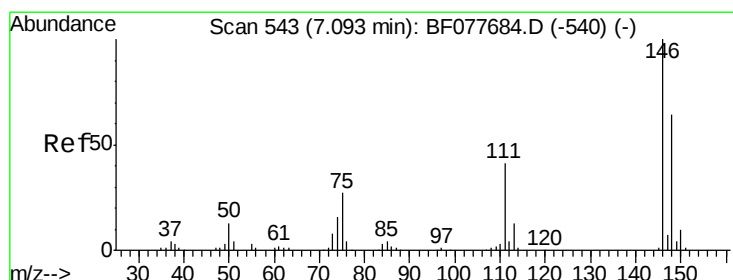
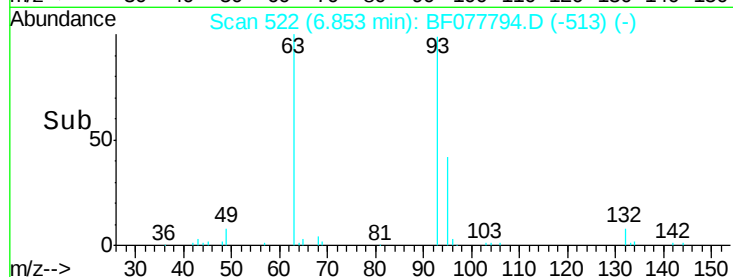
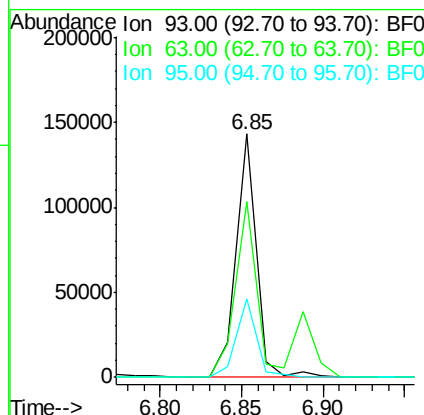
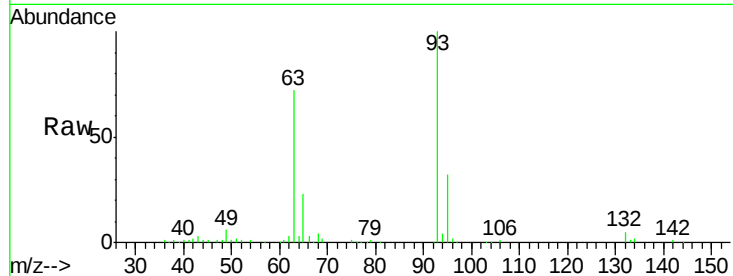
#11
bis(2-Chloroethyl)ether
Concen: 45.44 ng
RT: 6.85 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion:	93	Resp:	120863
Ion Ratio	Lower	Upper	
93	100		
63	72.3	49.5	89.5
95	32.1	13.5	53.5

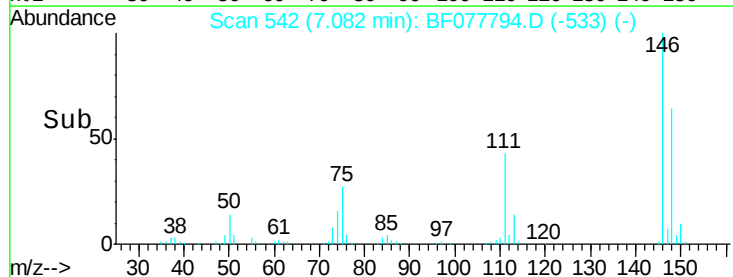
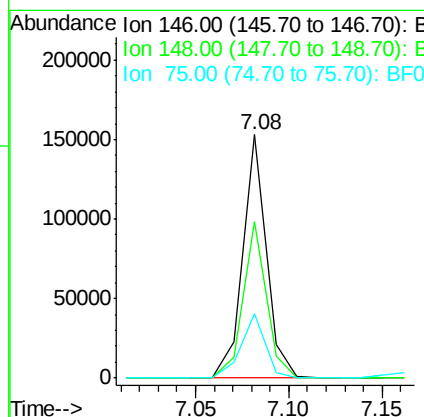
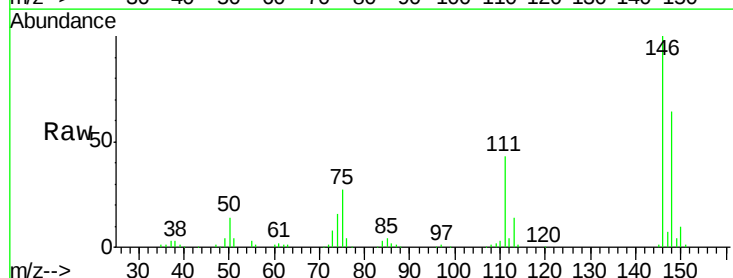
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#12
1,3-Dichlorobenzene
Concen: 42.20 ng
RT: 7.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion:	146	Resp:	135848
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.9	76.3
75	26.5	21.4	32.2





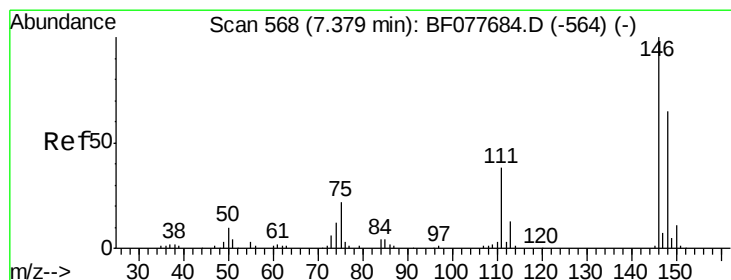
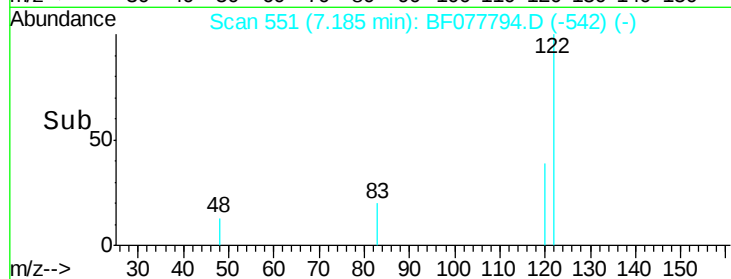
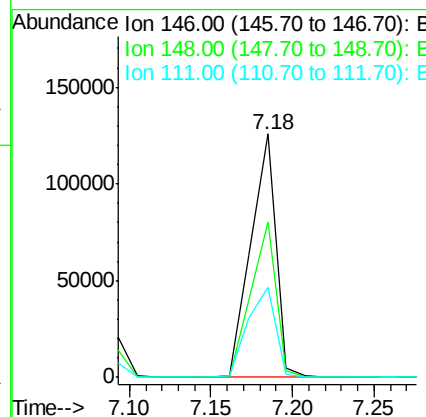
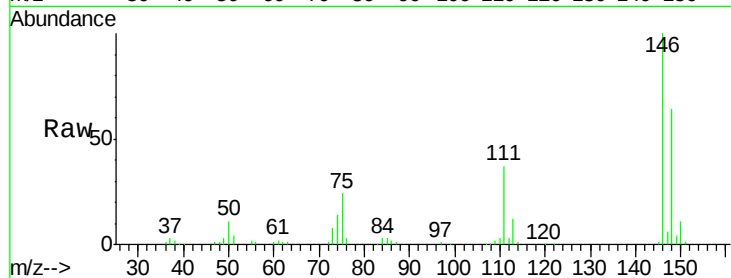
#13
 1,4-Dichlorobenzene
 Concen: 40.06 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	36.8	29.2	43.8

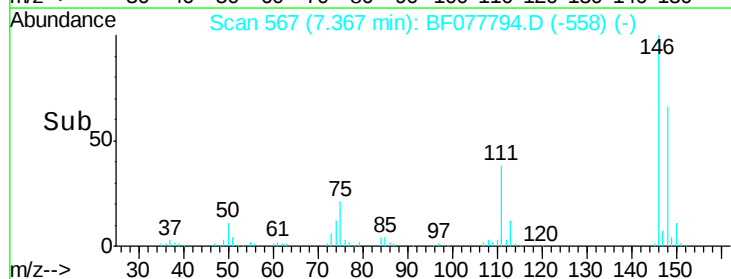
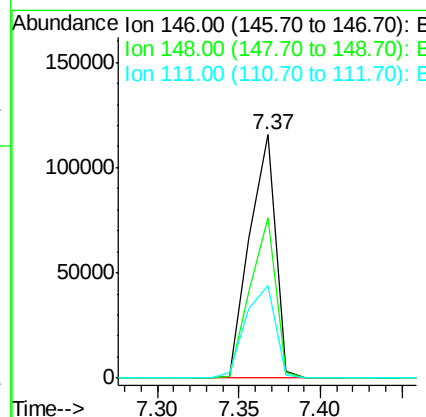
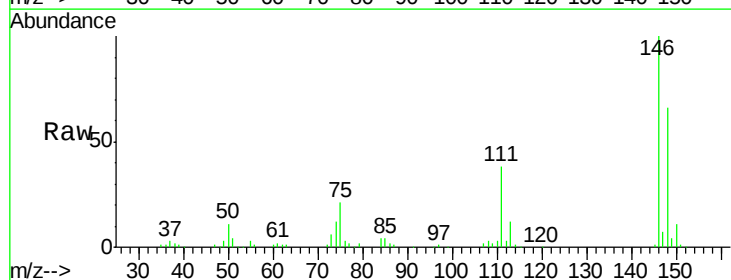
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#14
 1,2-Dichlorobenzene
 Concen: 41.75 ng
 RT: 7.37 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.3	78.5
111	38.1	30.6	45.8





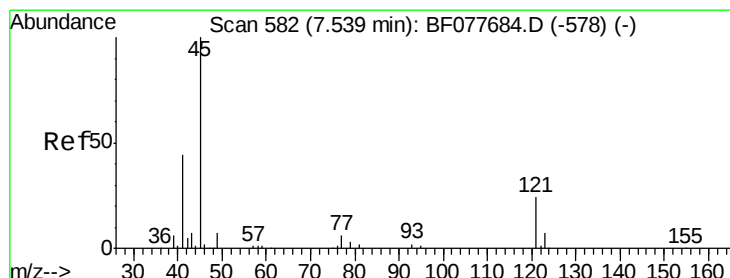
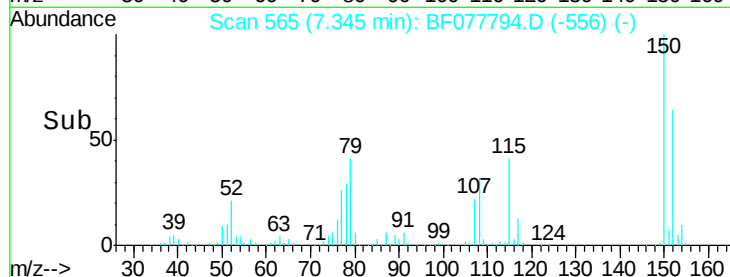
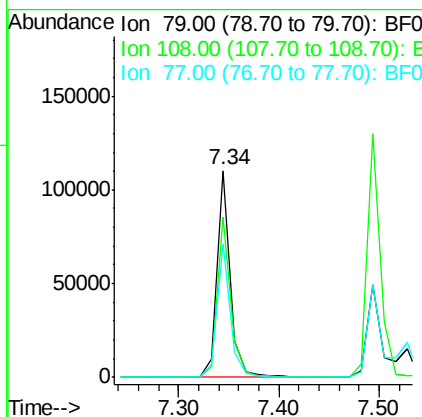
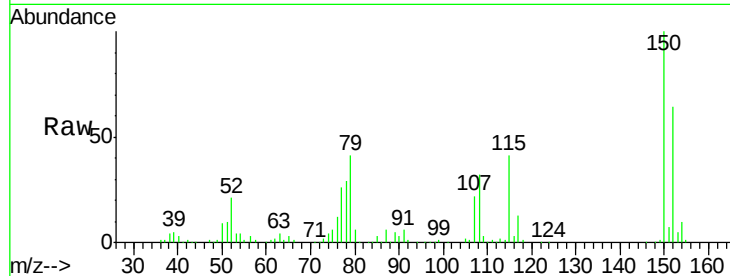
#15
Benzyl Alcohol
Concen: 43.13 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.7	65.0	97.4	
77	64.7	53.0	79.6	

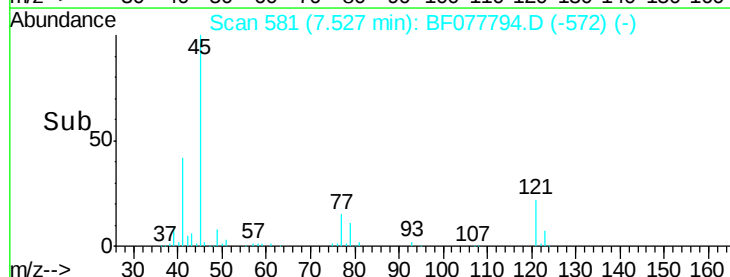
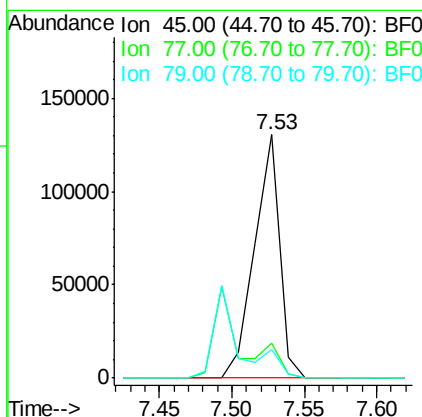
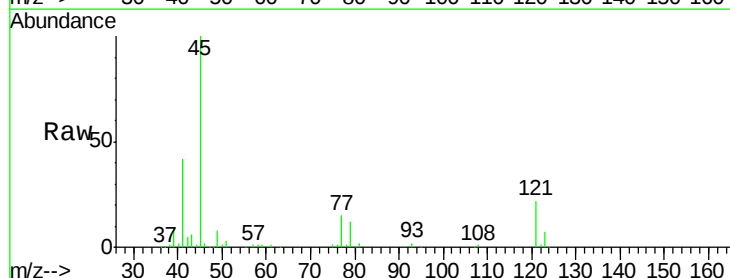
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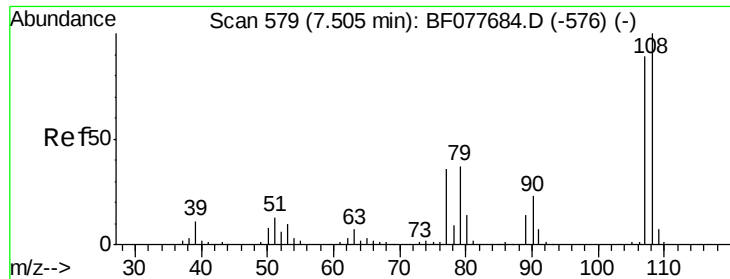
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.70 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.5	0.0	35.2	
79	11.6	0.0	32.0	





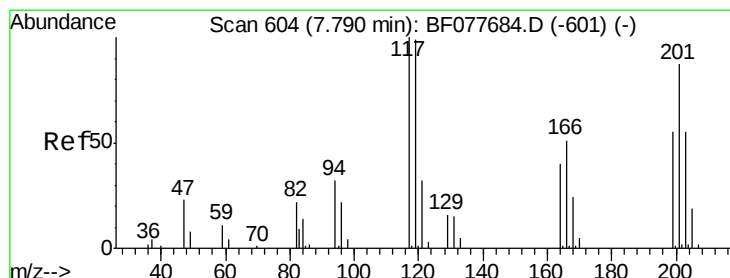
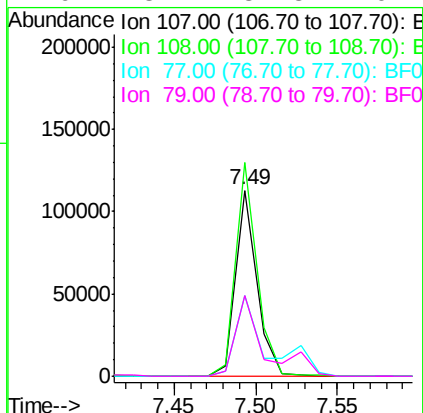
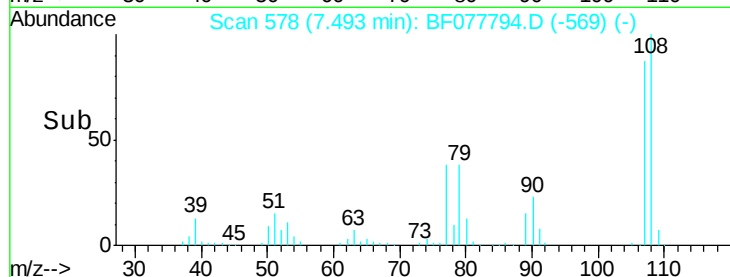
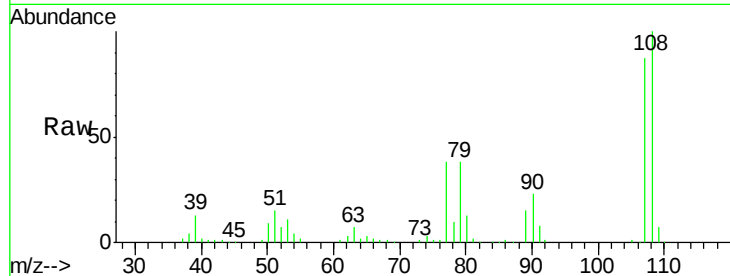
#17
2-Methylphenol
Concen: 42.72 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	89.8	134.8	
77	43.5	32.6	48.8	
79	43.7	32.8	49.2	

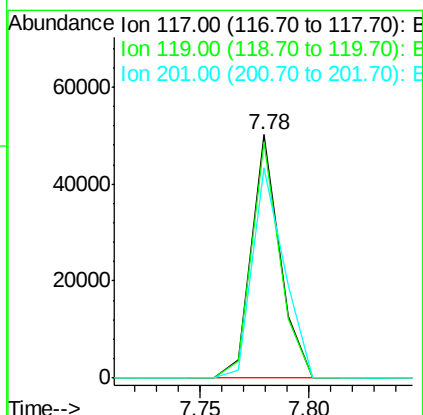
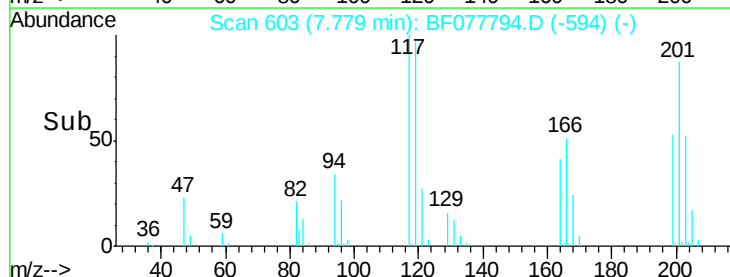
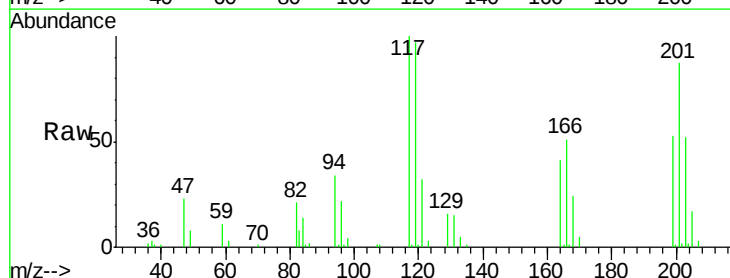
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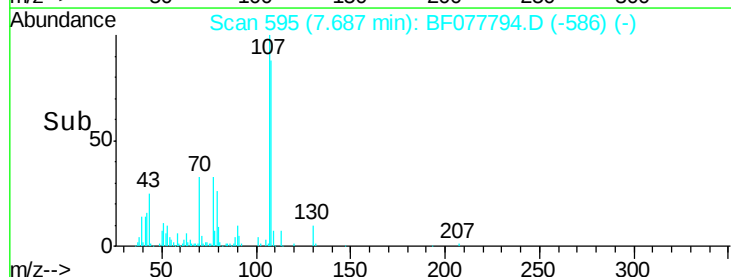
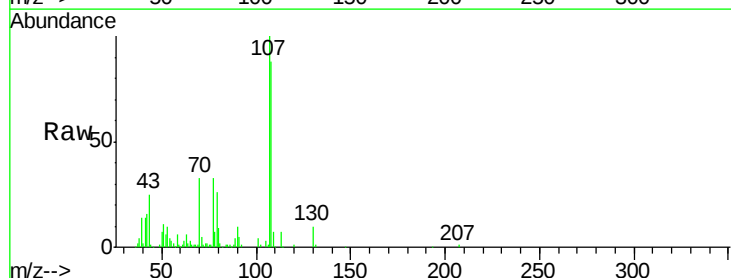
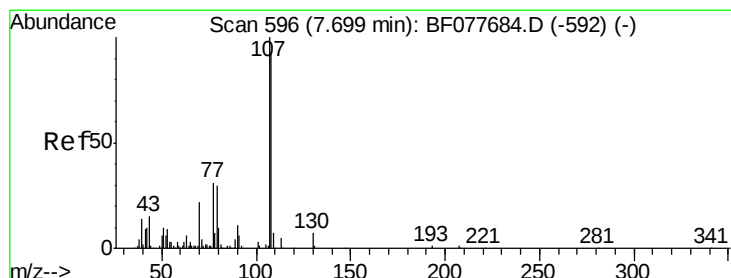
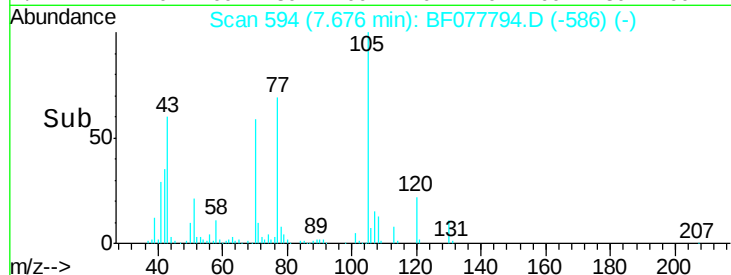
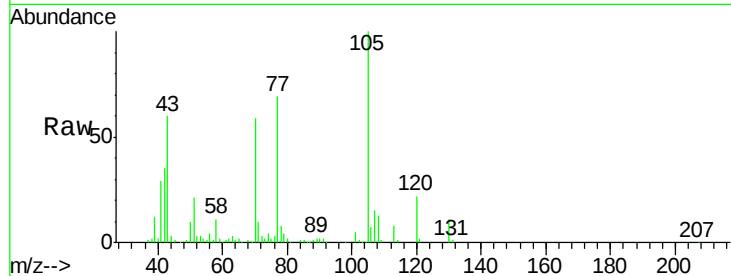
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#18
Hexachloroethane
Concen: 41.56 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	79.2	118.8	
201	86.6	69.8	104.6	

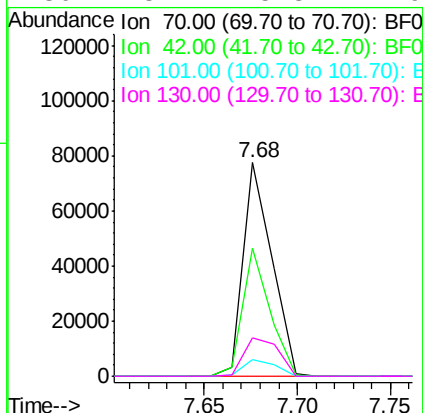




#19
n-Nitroso-di-n-propylamine
Concen: 39.76 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.8	44.5	66.7	
101	8.1	7.4	11.2	
130	18.2	15.3	22.9	

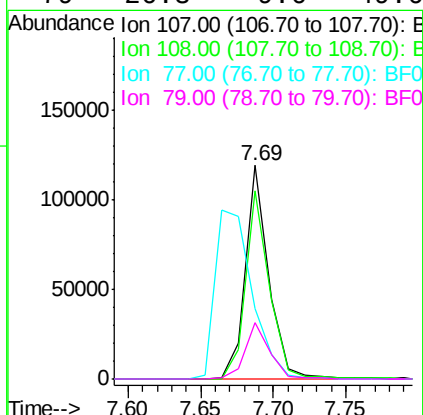


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#20
3+4-Methylphenols
Concen: 43.06 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	73.2	113.2	
77	32.9	10.7	50.7	
79	26.3	9.6	49.6	





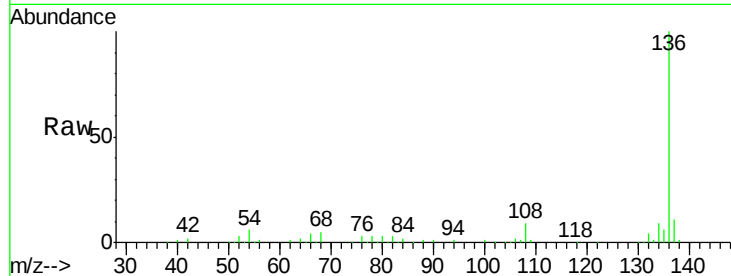
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

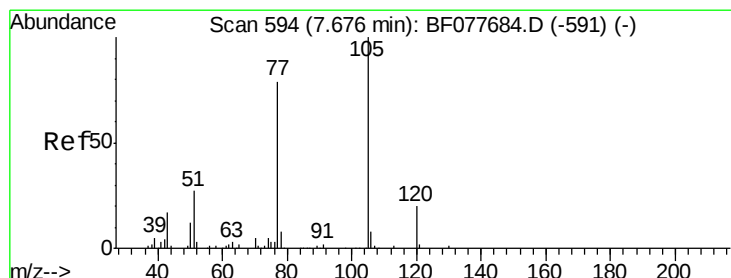
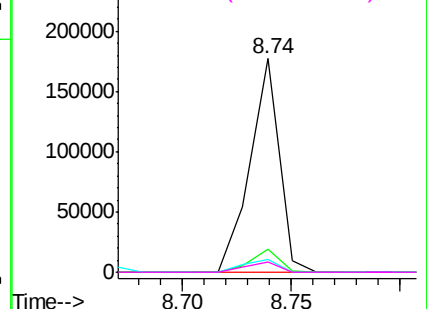
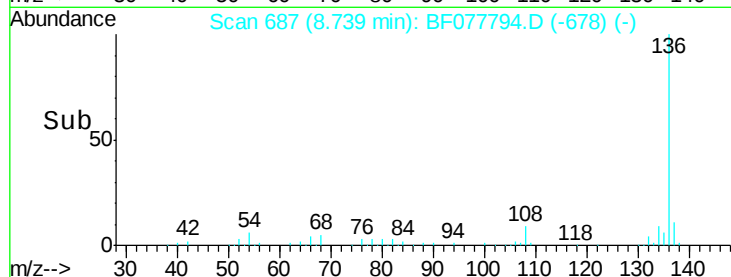
Tot Ion	Ratio	Resp	Lower	Upper
136	100	165734		
137	10.6	8.7	13.1	
54	6.3	4.6	6.8	
68	5.1	3.7	5.5	

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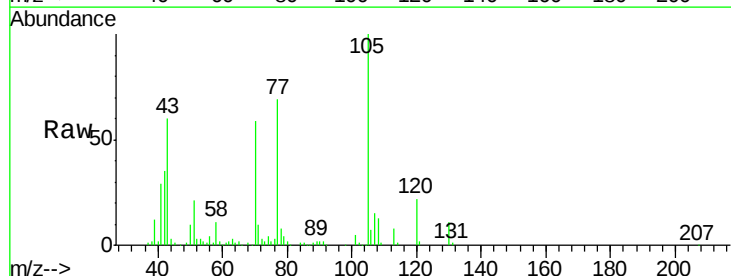


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

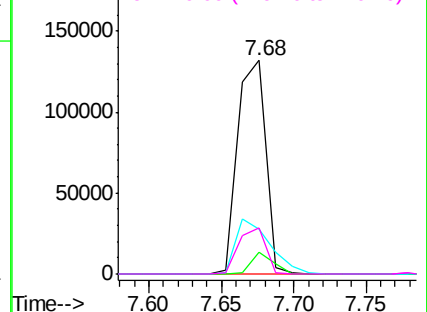
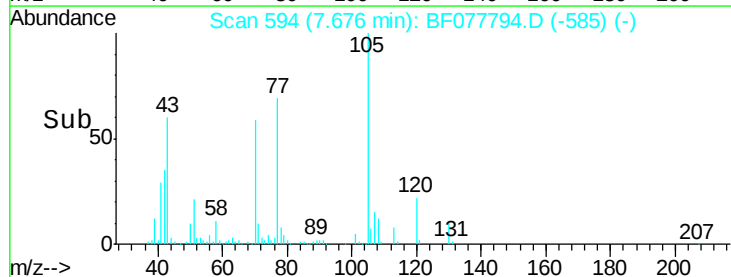


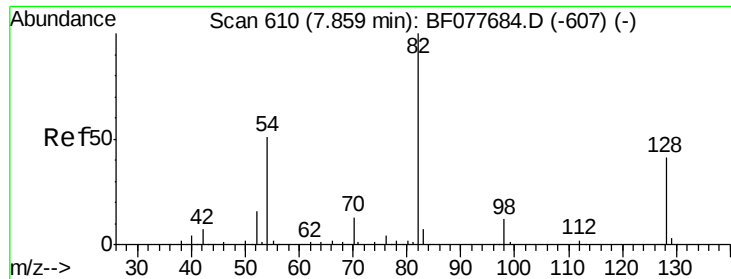
#22
Acetophenone
Concen: 48.21 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	176896		
71	10.1	0.6	1.0#	
51	20.9	21.6	32.4#	
120	21.6	16.1	24.1	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 98.35 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Instrument :

BNA_F

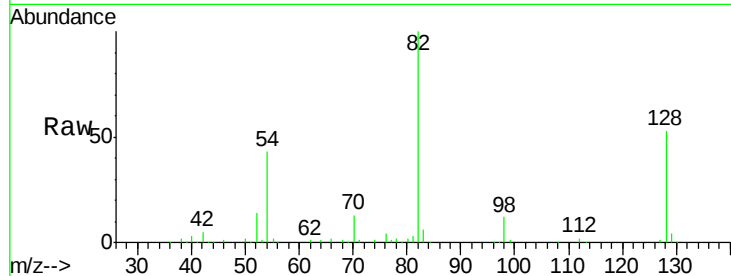
ClientSampleId :

SB-12(13-15)MSD

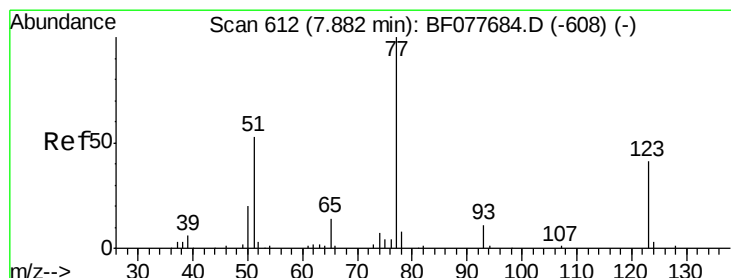
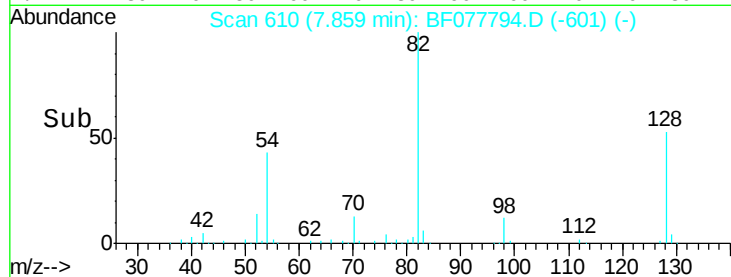
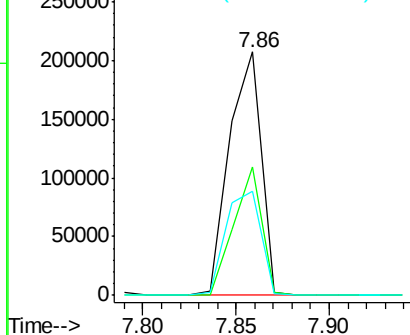
Tot Ion:	82	Resp:	248661
Ion Ratio	Lower	Upper	
82	100		
128	52.9	32.8	49.2#
54	42.7	40.6	60.8

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



#24

Nitrobenzene

Concen: 45.77 ng

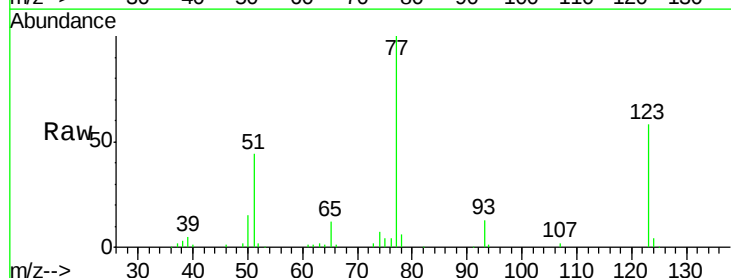
RT: 7.88 min Scan# 612

Delta R.T. 0.00 min

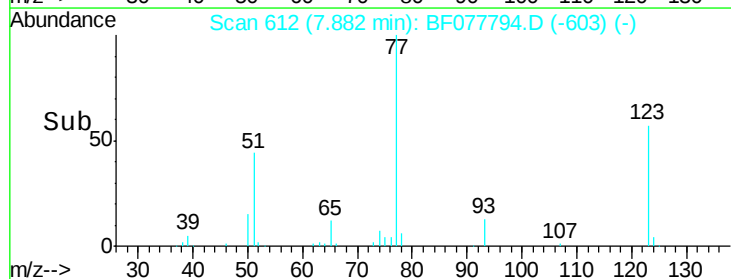
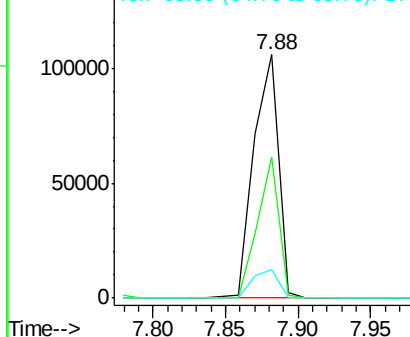
Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Tgt Ion:	77	Resp:	124663
Ion Ratio	Lower	Upper	
77	100		
123	58.1	32.6	49.0#
65	11.9	10.9	16.3



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





#25

Isophorone

Concen: 45.31 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Instrument :

BNA_F

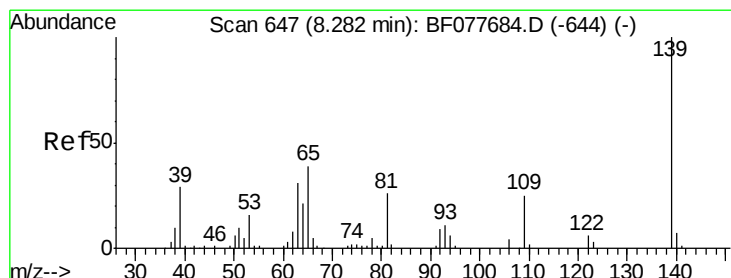
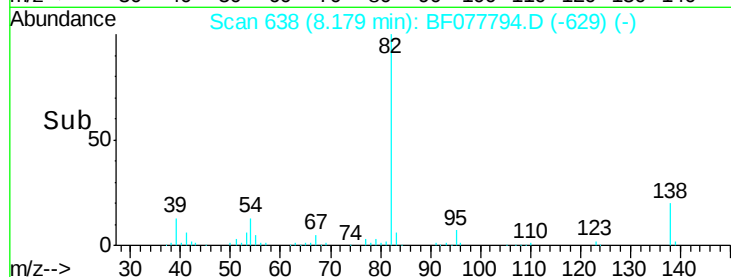
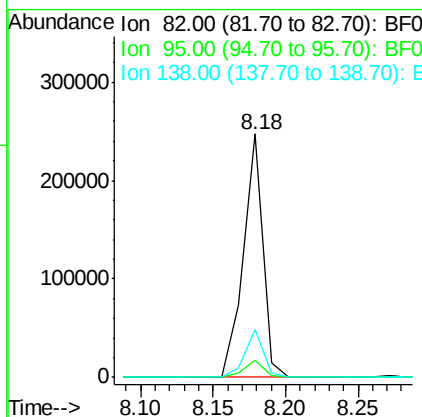
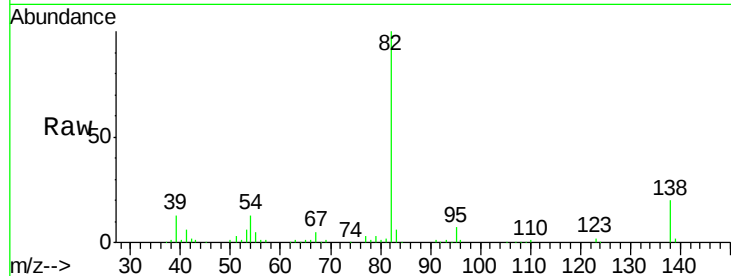
ClientSampleId :

SB-12(13-15)MSD

Tot Ion:	82	Resp:	231372
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.6
138	19.7	16.3	24.5

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#26

2-Nitrophenol

Concen: 47.50 ng

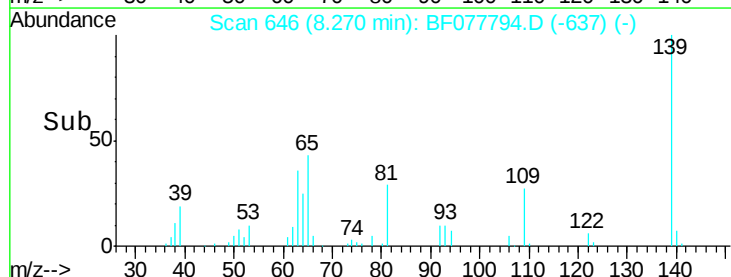
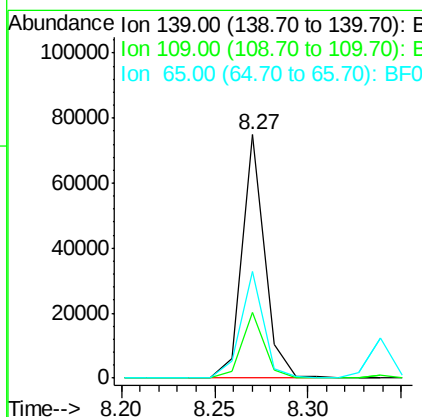
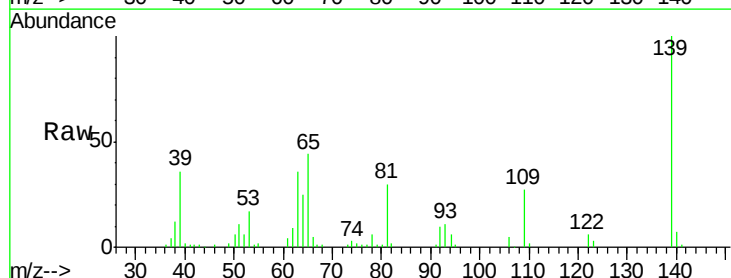
RT: 8.27 min Scan# 646

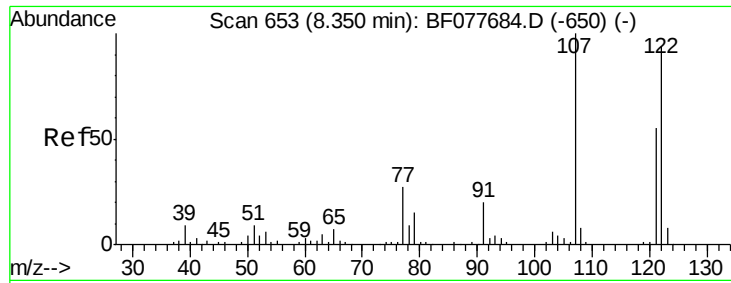
Delta R.T. -0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Tgt Ion:	139	Resp:	63346
Ion Ratio	Lower	Upper	
139	100		
109	27.0	20.1	30.1
65	43.8	31.5	47.3





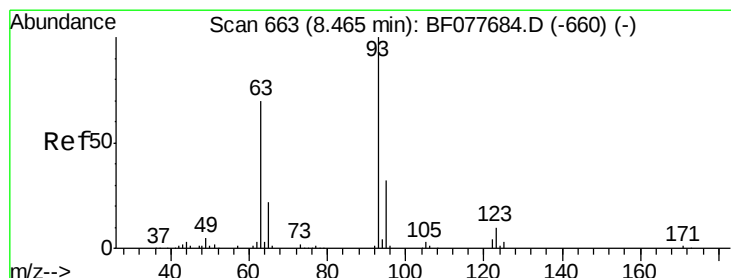
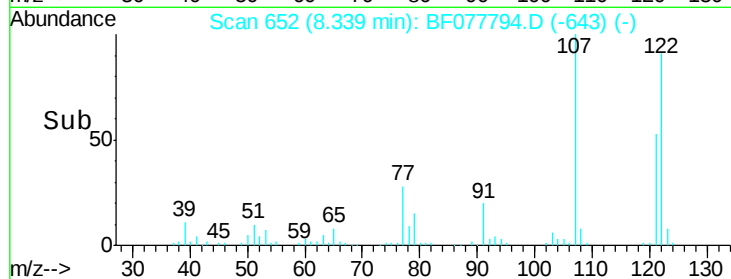
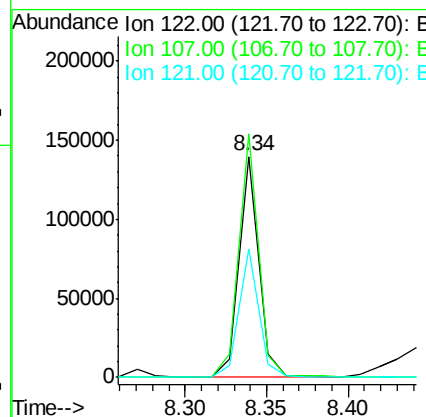
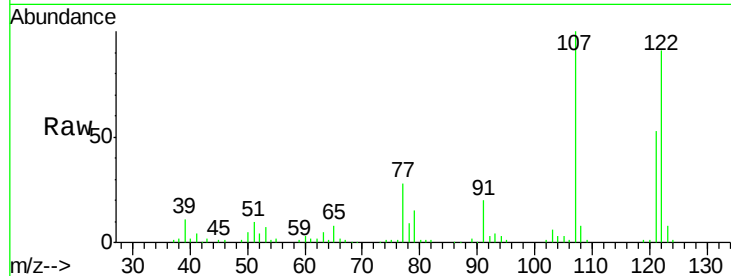
#27
 2,4-Dimethylphenol
 Concen: 47.83 ng
 RT: 8.34 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	116188		
107	110.1	84.7	127.1	
121	58.3	46.6	69.8	

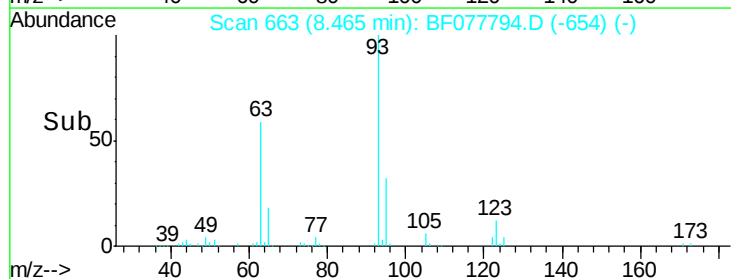
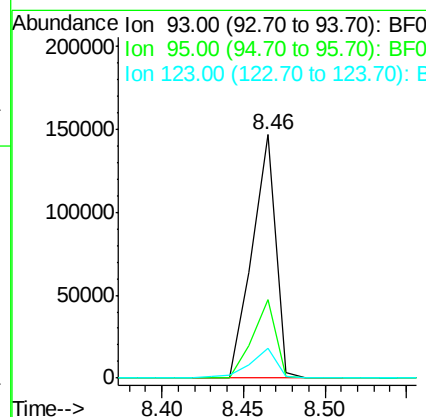
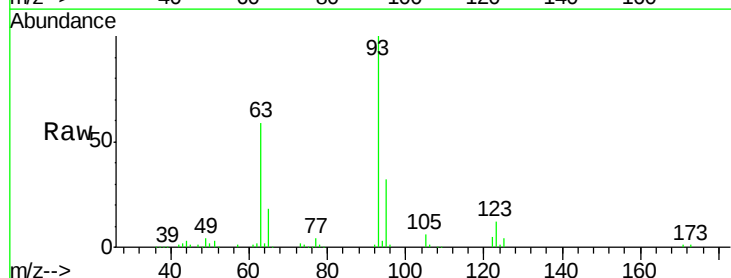
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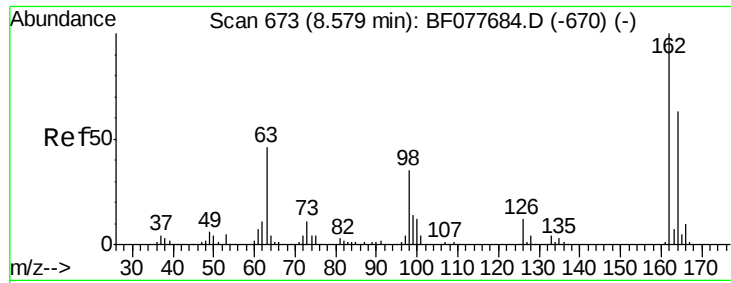
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.51 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	147257		
95	32.3	25.5	38.3	
123	12.2	8.6	13.0	





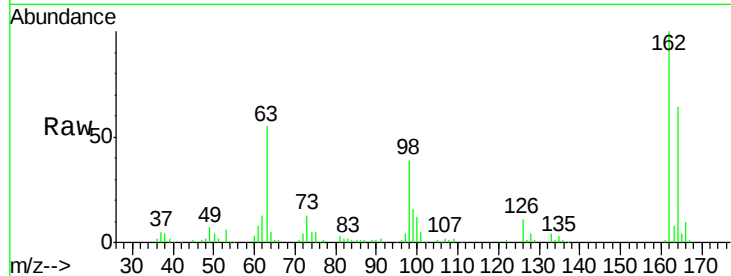
#29
2,4-Dichlorophenol
Concen: 46.55 ng
RT: 8.57 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

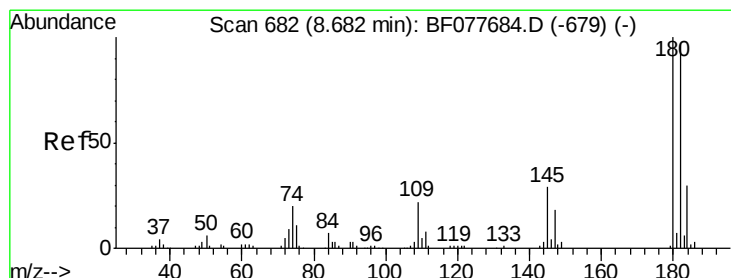
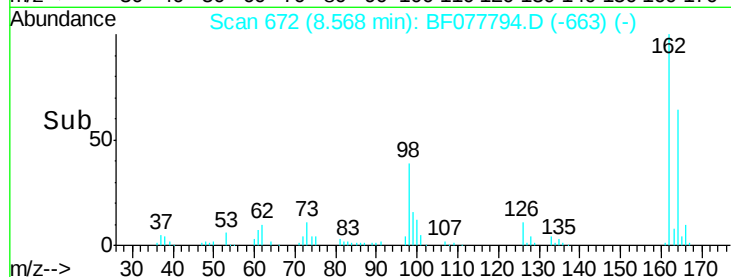
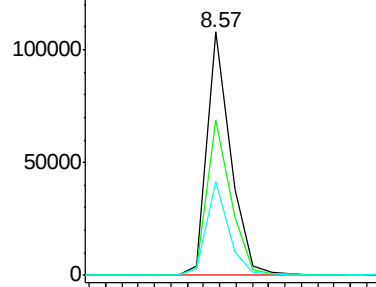
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	63.9	42.8	82.8		
98	38.8	14.5	54.5		

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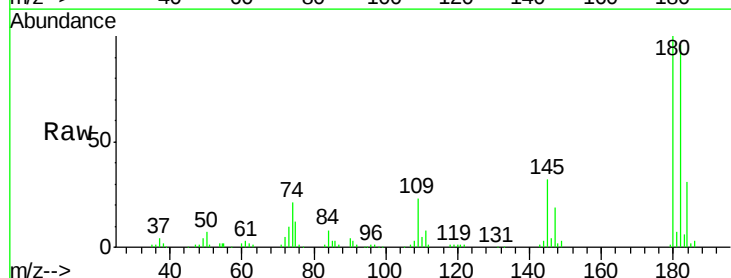


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

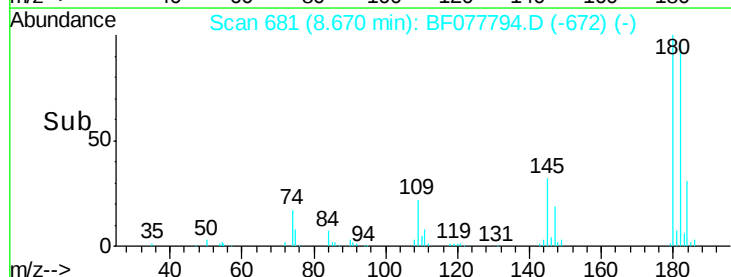
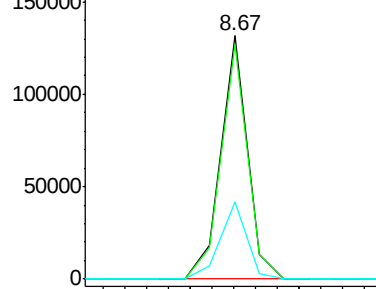


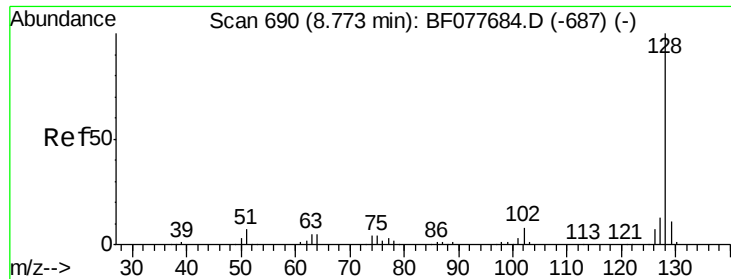
#30
1,2,4-Trichlorobenzene
Concen: 43.25 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	96.4	77.6	116.4		
145	31.6	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





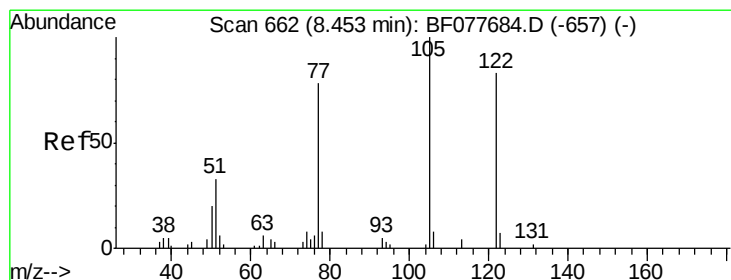
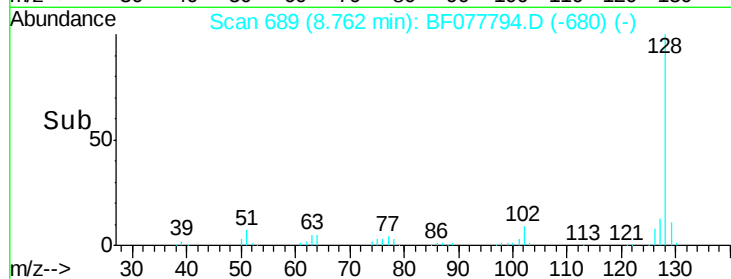
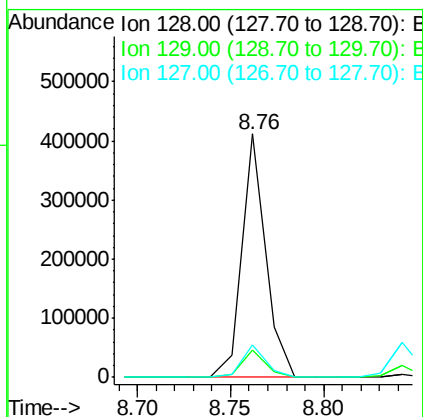
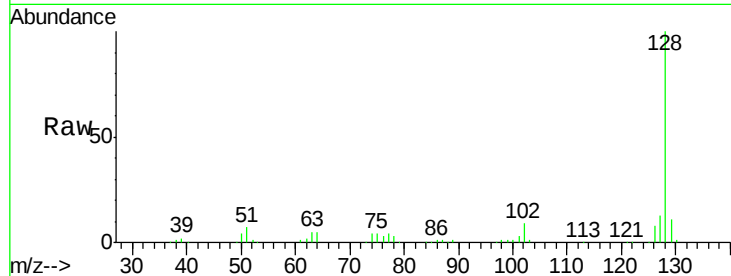
#31
Naphthalene
Concen: 43.13 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.2	10.4	15.6

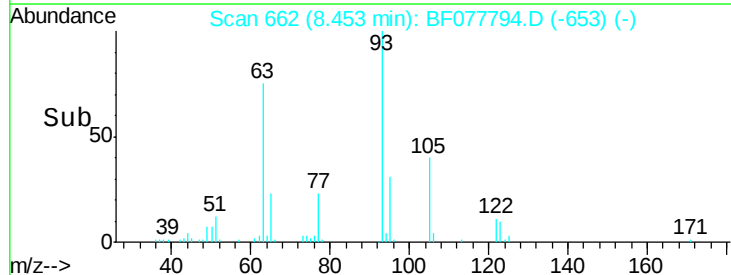
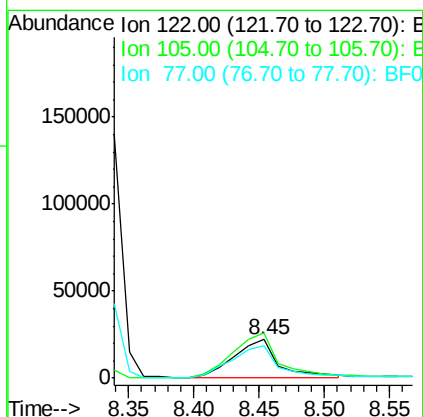
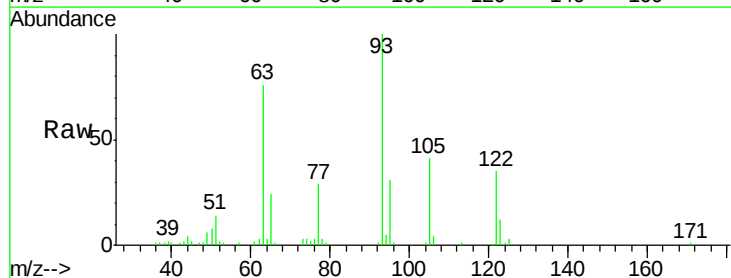
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#32
Benzoic acid
Concen: 38.46 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.3	99.9	139.9
77	83.0	73.7	113.7





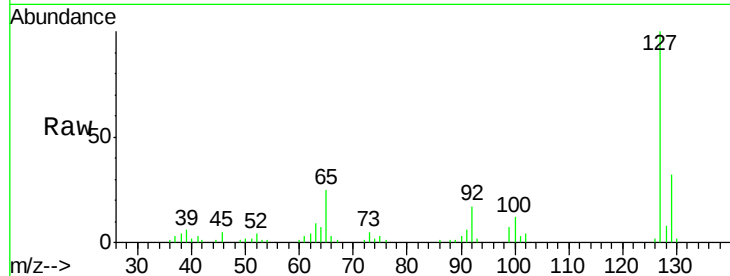
#33
4-Chloroaniline
Concen: 17.16 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

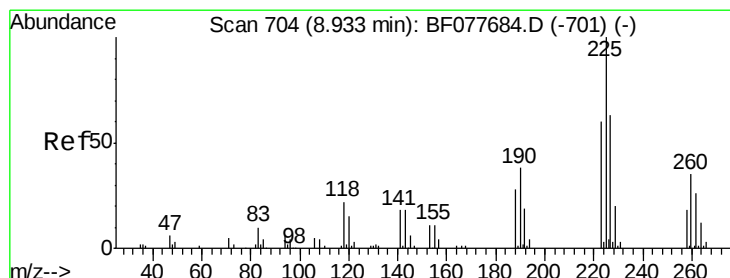
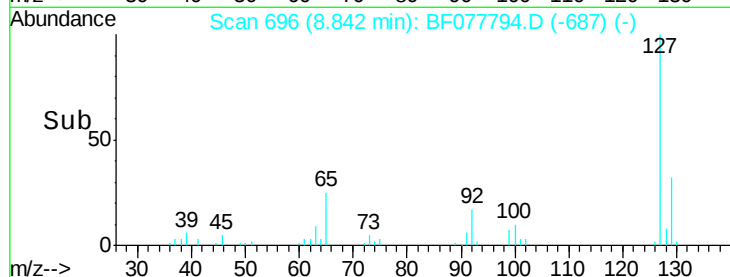
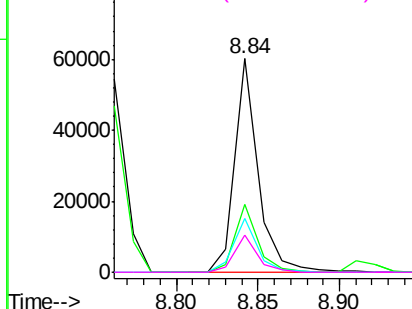
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		59276		
129	31.8	25.3	37.9		
65	25.5	17.6	26.4		
92	17.2	13.1	19.7		

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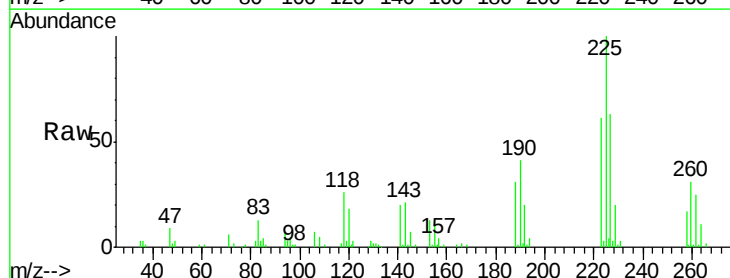


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

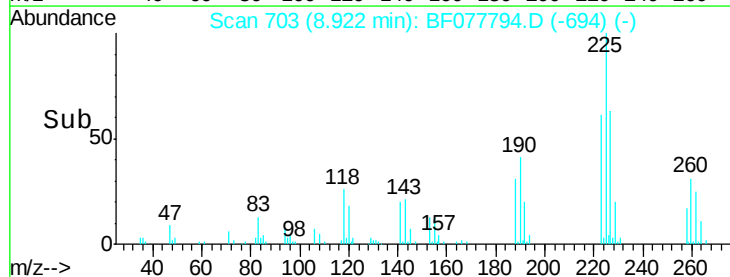
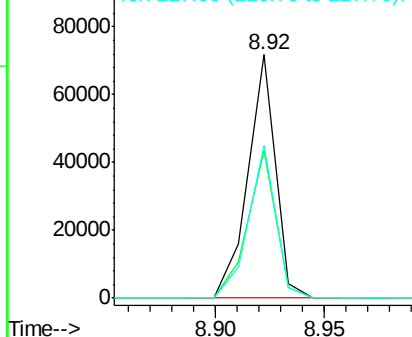


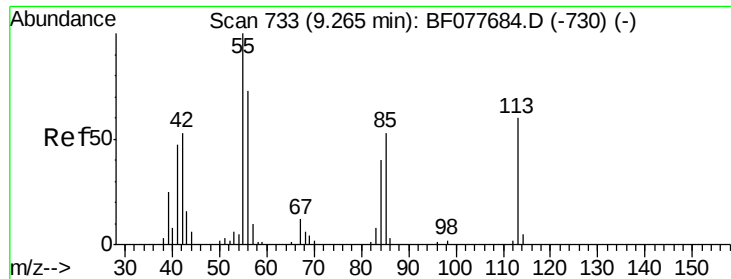
#34
Hexachlorobutadiene
Concen: 43.12 ng
RT: 8.92 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		63323		
223	60.7	47.9	71.9		
227	62.9	50.1	75.1		



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





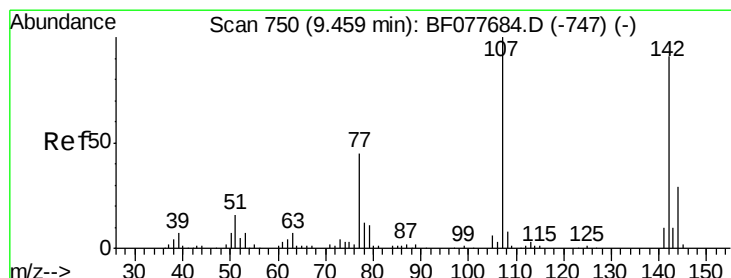
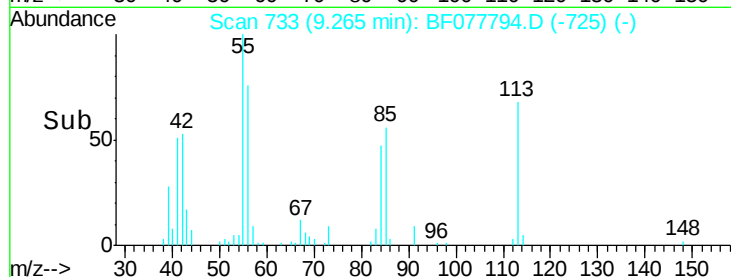
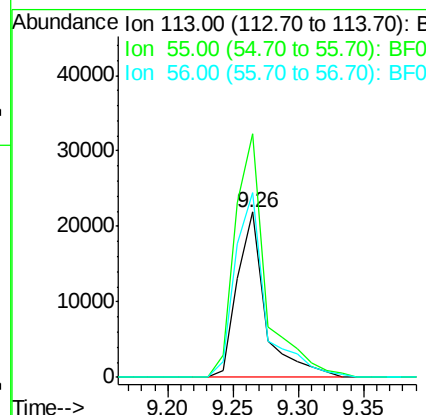
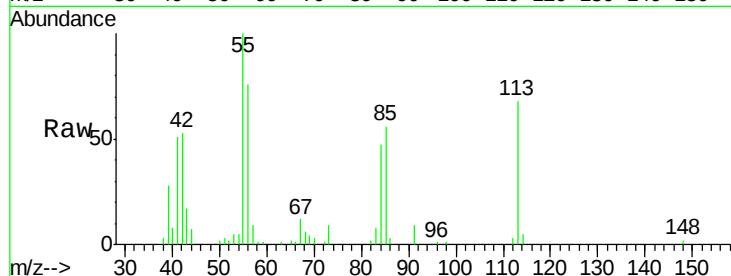
#35
Caprolactam
Concen: 48.58 ng
RT: 9.26 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	147.3	145.9	185.9
56	111.8	101.0	141.0

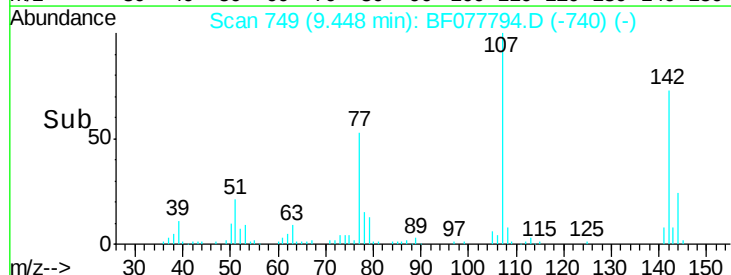
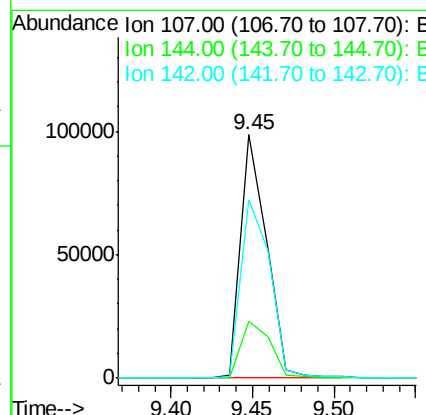
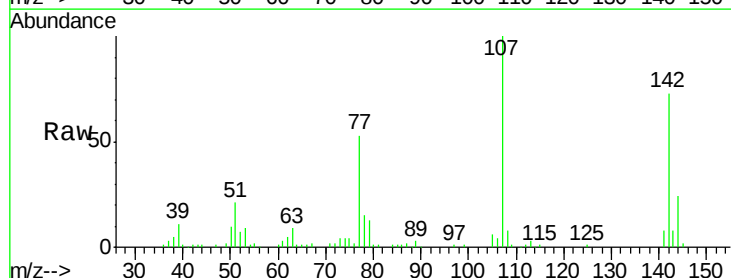
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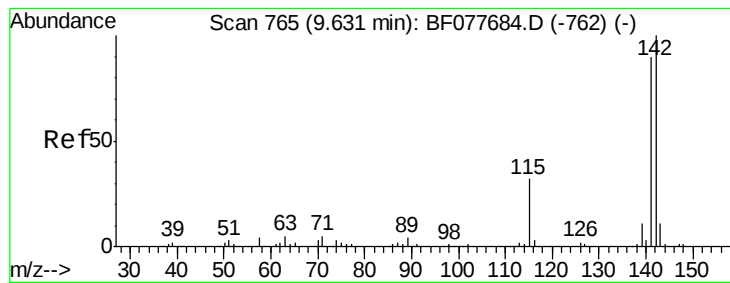
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#36
4-Chloro-3-methylphenol
Concen: 46.73 ng
RT: 9.45 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	23.3	34.9
142	73.3	72.6	109.0





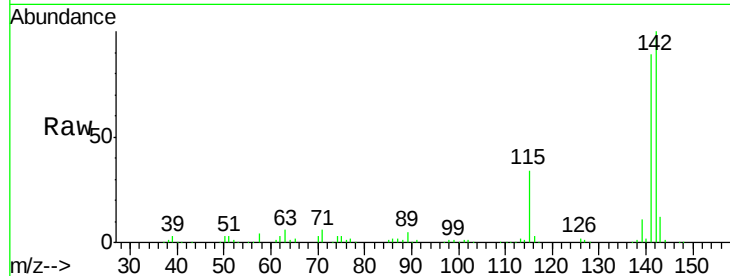
#37
2-Methylnaphthalene
Concen: 45.38 ng
RT: 9.62 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

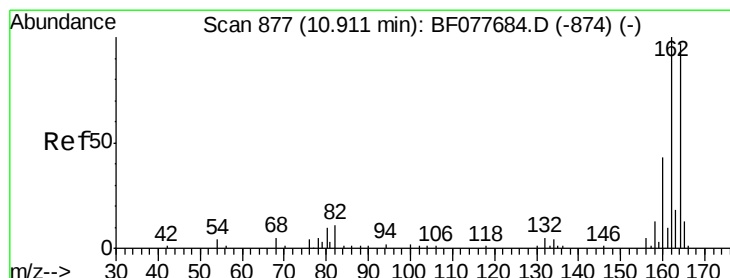
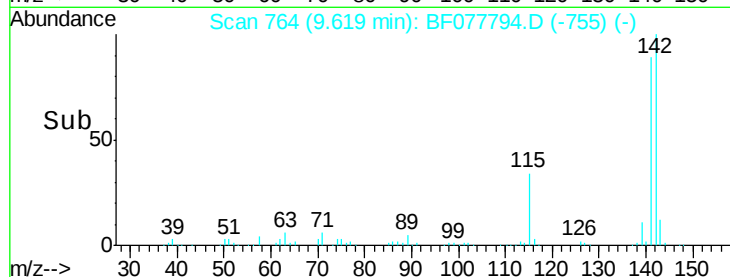
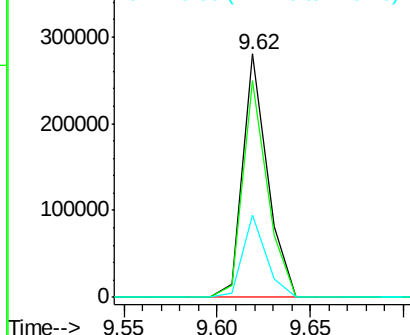
Tot Ion	Ratio	Resp	Lower	Upper
142	100	259510		
141	89.1	71.9	107.9	
115	33.8	25.4	38.0	

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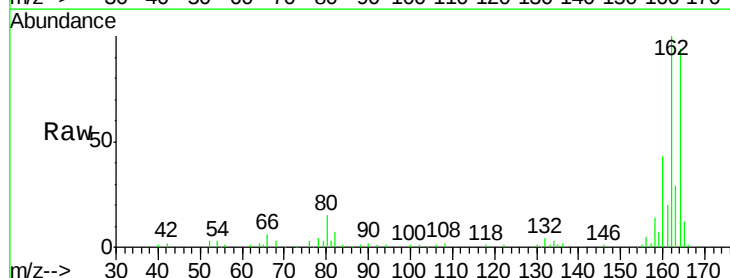


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

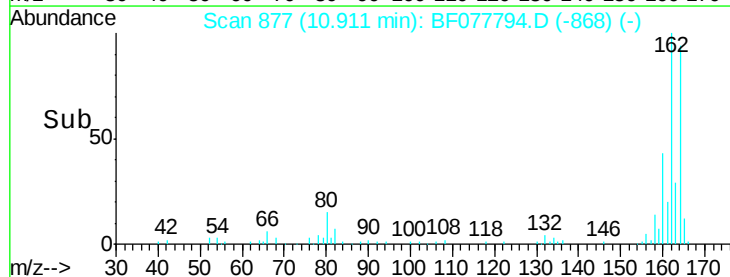
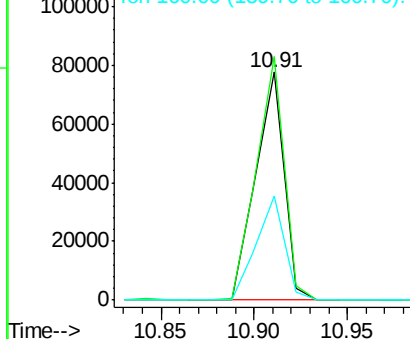


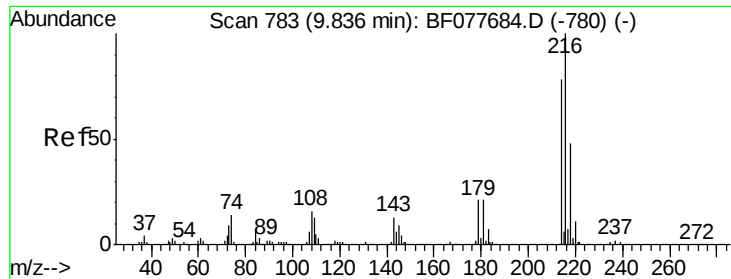
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	81249		
162	106.9	82.4	123.6	
160	45.7	35.8	53.6	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.66 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Instrument :

BNA_F

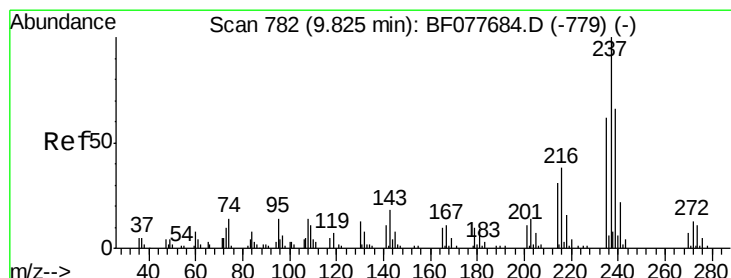
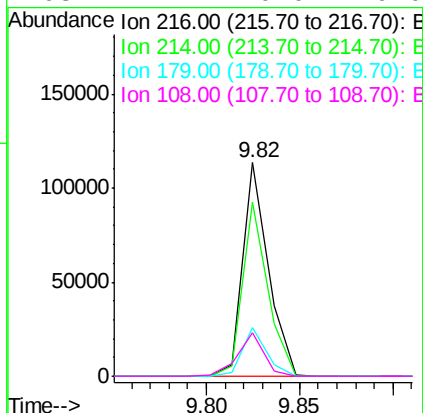
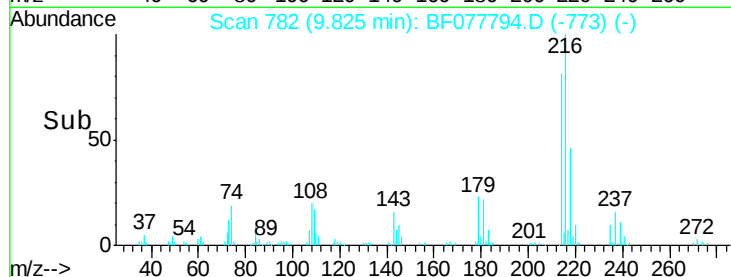
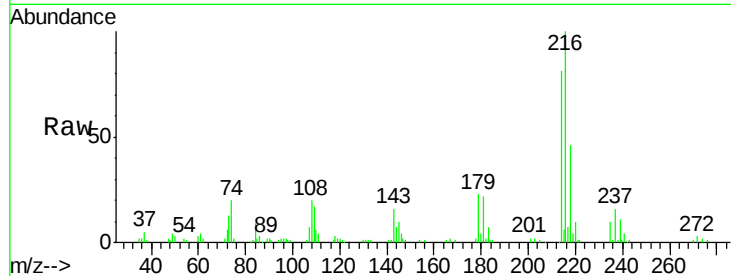
ClientSampleId :

SB-12(13-15)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.9	0.0	0.0#		
179	21.8	0.0	0.0#		
108	21.1	0.0	0.0#		

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#40

Hexachlorocyclopentadiene

Concen: 85.66 ng

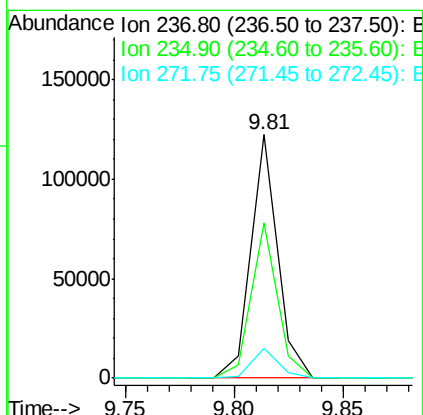
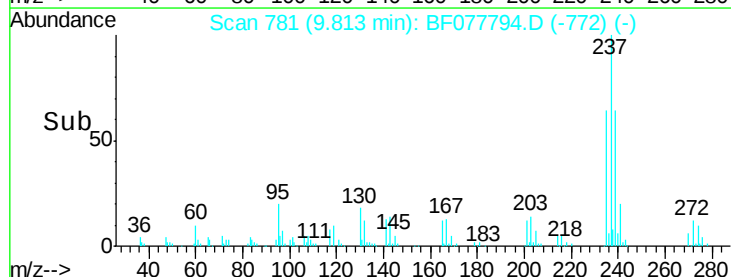
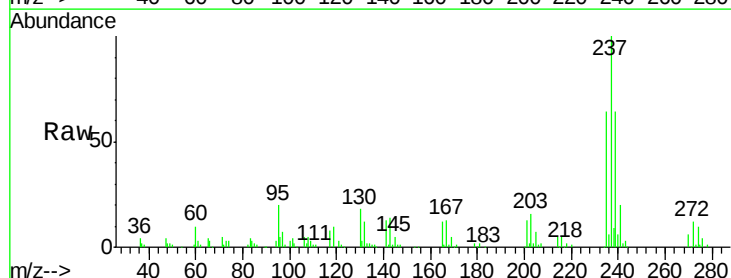
RT: 9.81 min Scan# 781

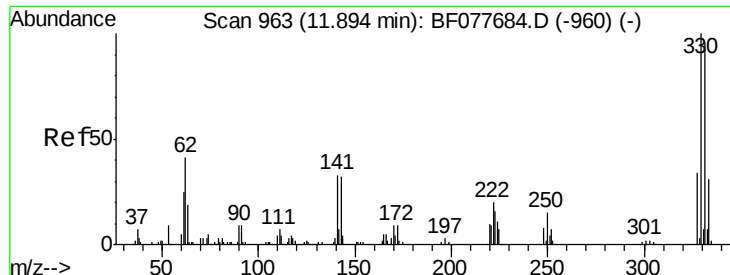
Delta R.T. 0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.9	42.0	82.0		
272	12.2	0.0	33.4		





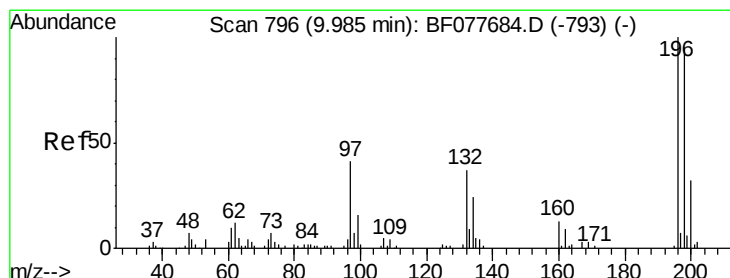
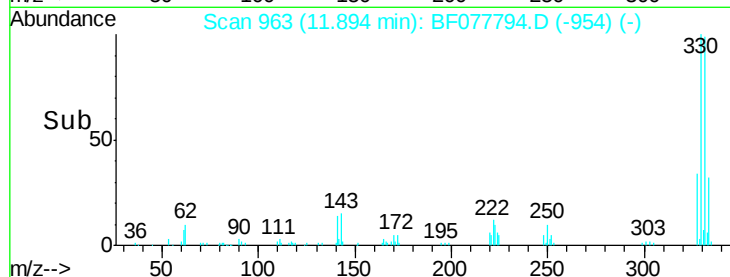
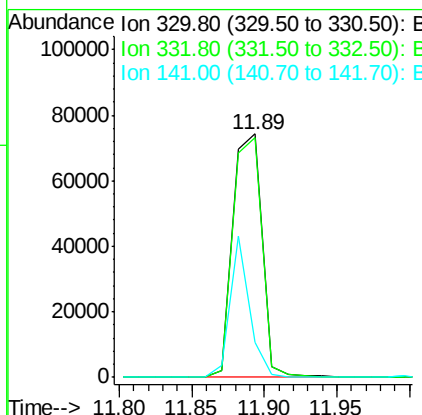
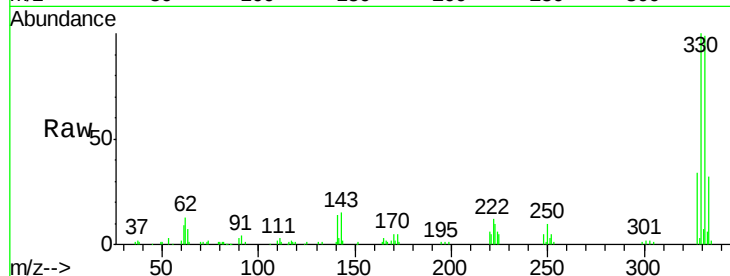
#41
 2,4,6-Tribromophenol
 Concen: 133.38 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	98.7	0.0	0.0#
141	38.5	0.0	0.0#

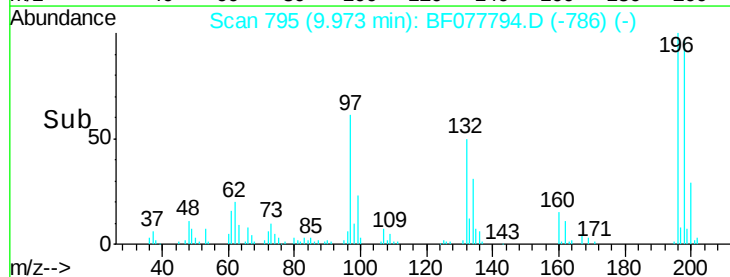
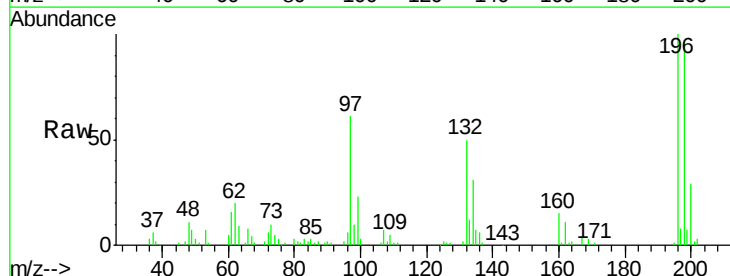
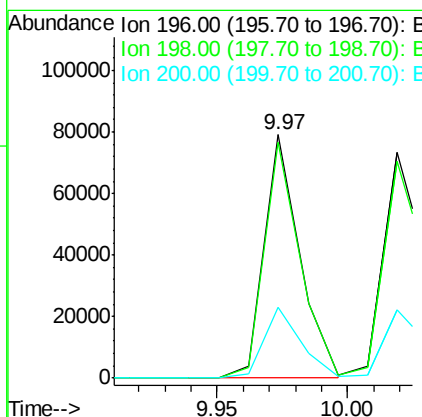
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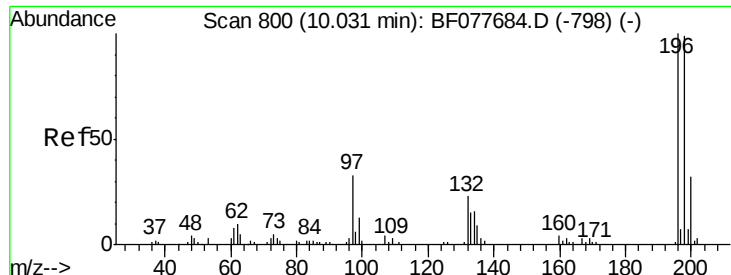
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#42
 2,4,6-Trichlorophenol
 Concen: 44.31 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.7	76.3	114.5
200	29.3	25.6	38.4





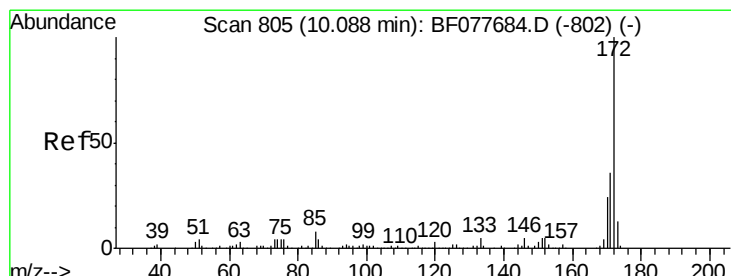
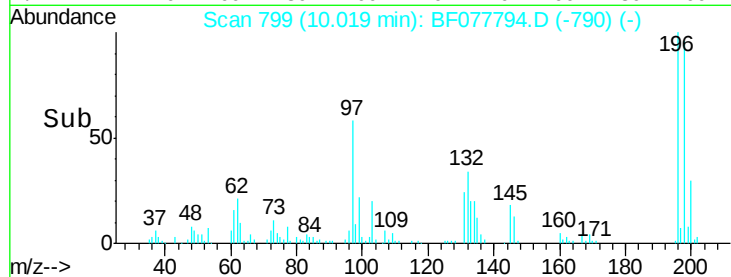
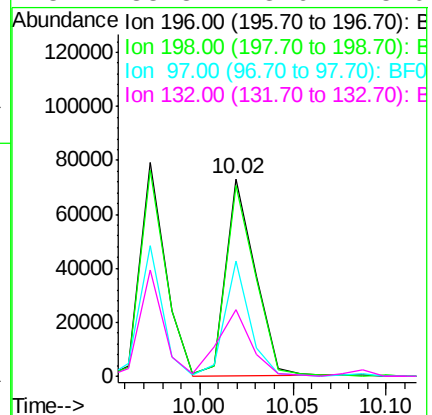
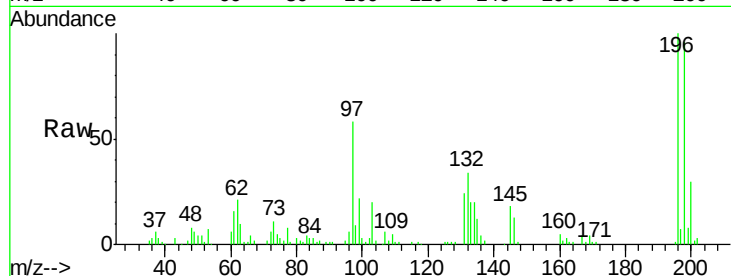
#43
 2,4,5-Trichlorophenol
 Concen: 44.08 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

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

Tot Ion	196	Resp	79937
Ion Ratio	Lower	Upper	
196	100		
198	96.3	79.4	119.0
97	58.4	26.8	40.2#
132	33.8	18.6	28.0#

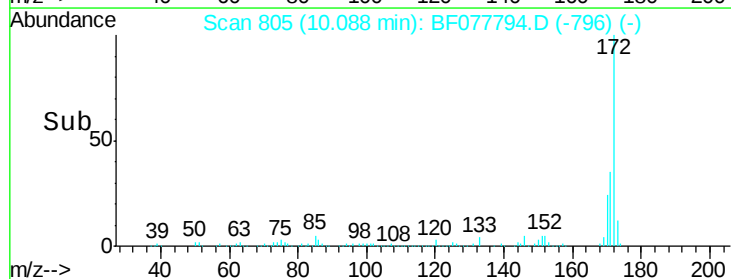
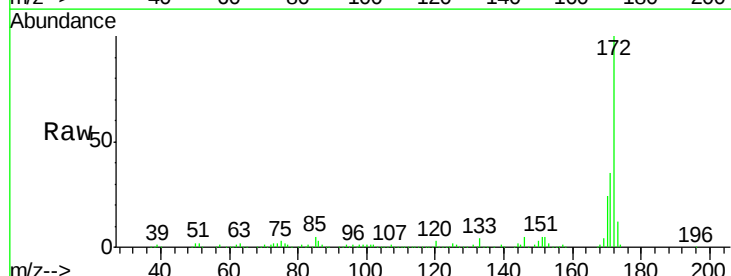
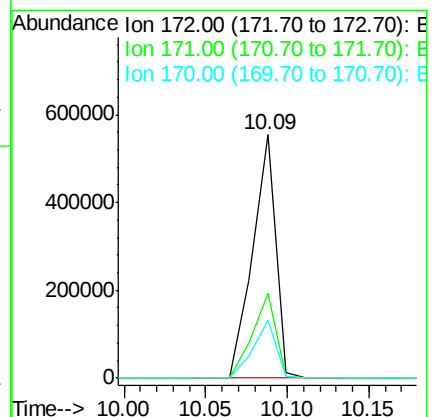
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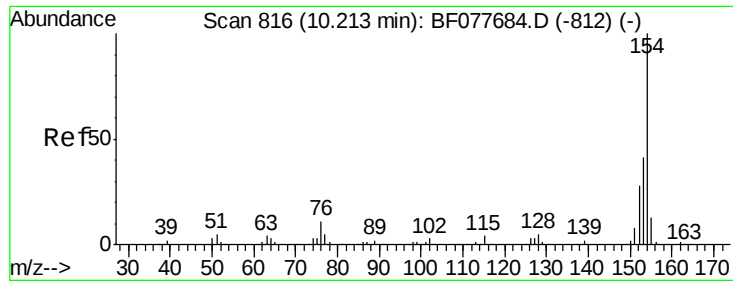
mohammad
 3/20/2015 1:47:59 PM



#44
 2-Fluorobiphenyl
 Concen: 98.33 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

Tgt Ion	172	Resp	543650
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.5	42.7
170	23.7	18.8	28.2





#45

1,1'-Biphenyl

Concen: 46.43 ng

RT: 10.20 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Instrument :

BNA_F

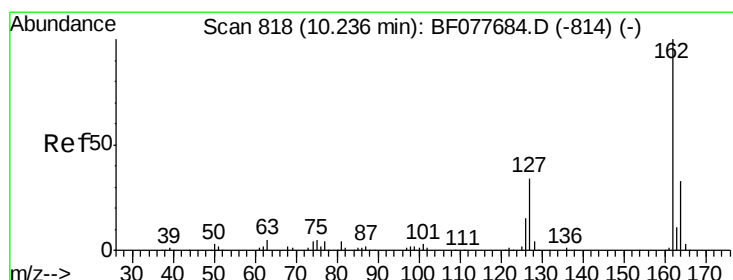
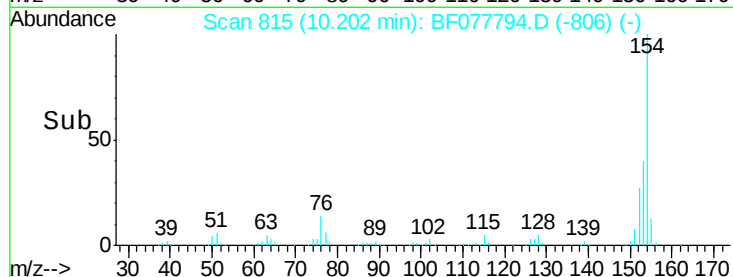
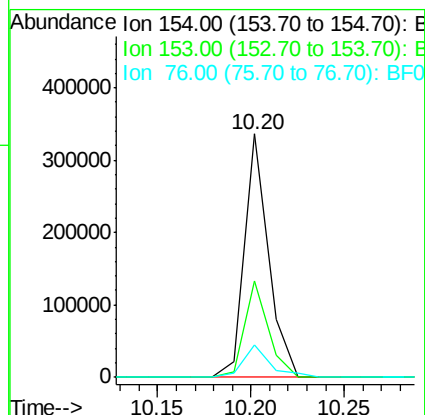
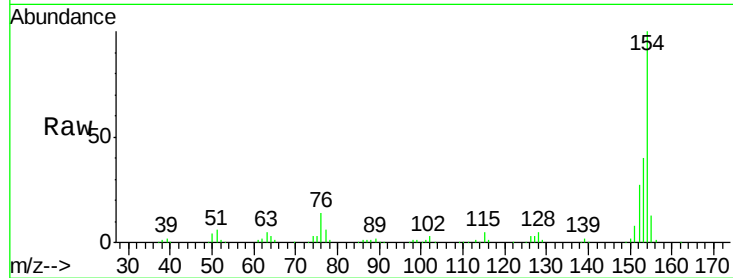
ClientSampleId :

SB-12(13-15)MSD

Tot Ion:	154	Resp:	301562
Ion Ratio	Lower	Upper	
154	100		
153	39.8	20.7	60.7
76	13.6	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 45.83 ng

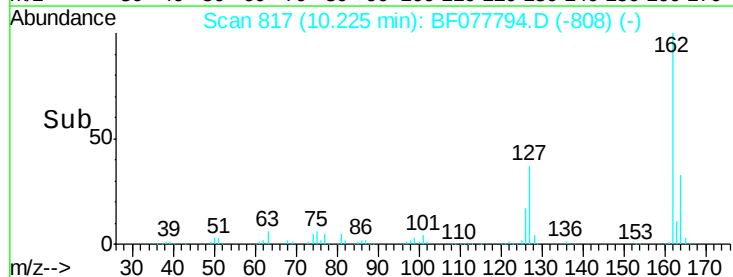
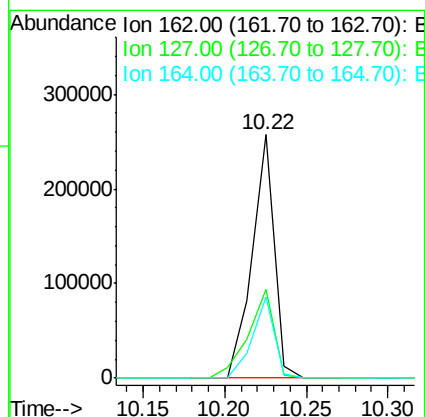
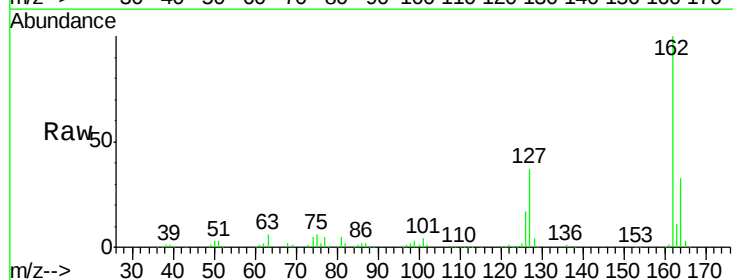
RT: 10.22 min Scan# 817

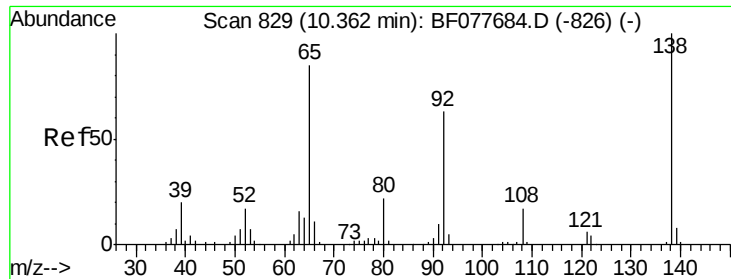
Delta R.T. -0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Tgt Ion:	162	Resp:	241880
Ion Ratio	Lower	Upper	
162	100		
127	36.7	26.9	40.3
164	33.5	26.8	40.2





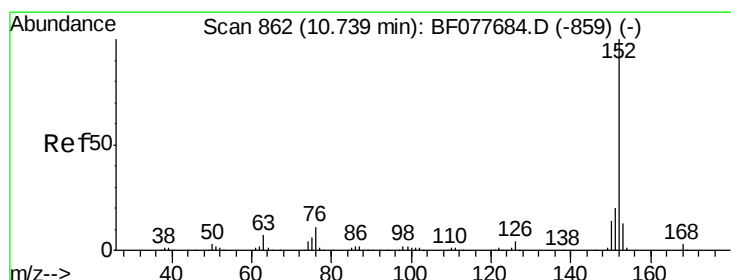
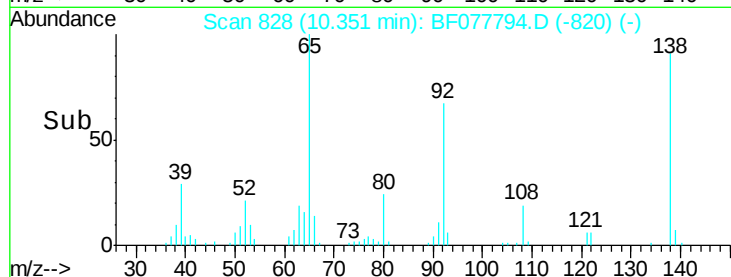
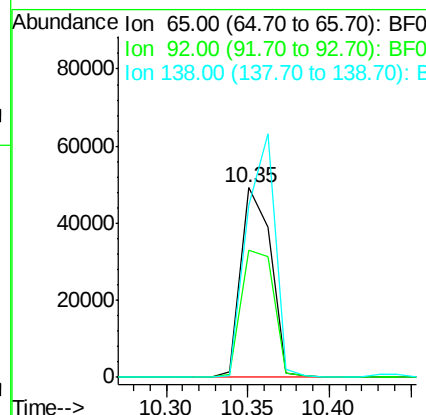
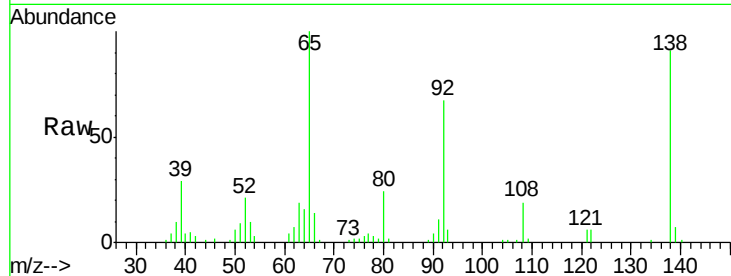
#47
2-Nitroaniline
Concen: 47.78 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.2	59.1	88.7
138	91.0	93.9	140.9

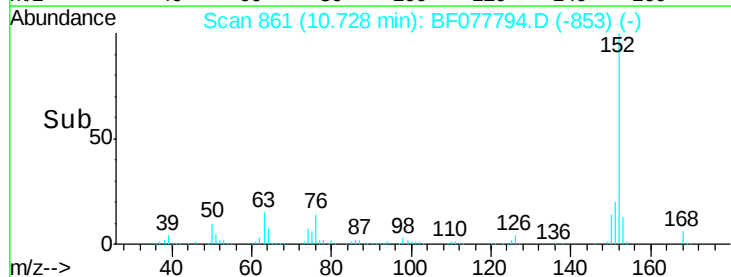
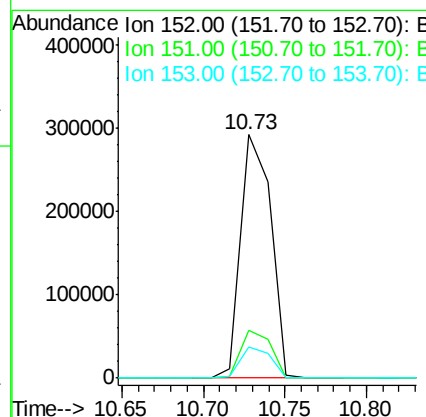
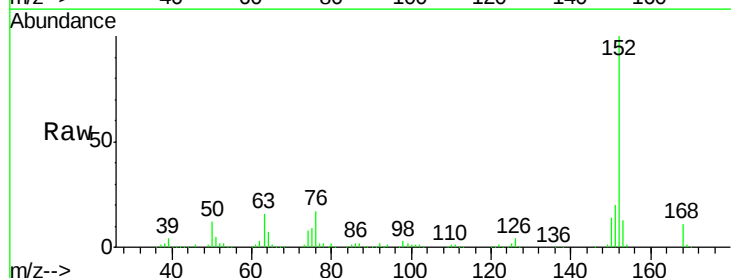
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#48
Acenaphthylene
Concen: 42.40 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.0	10.6	16.0





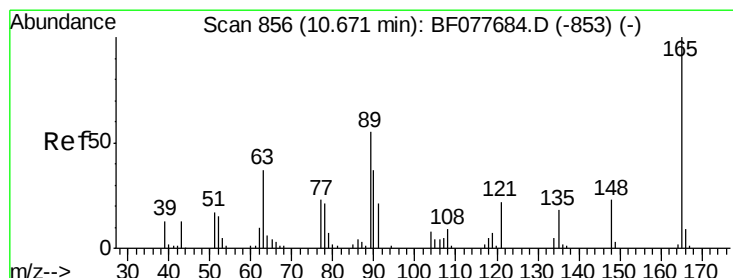
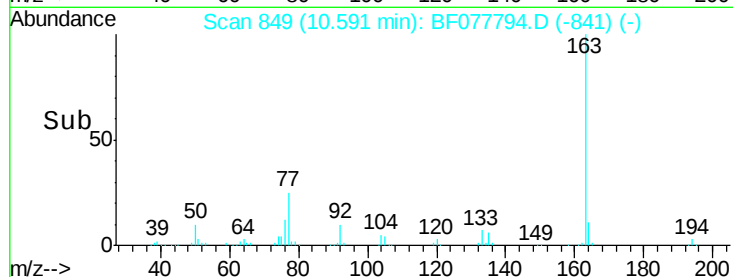
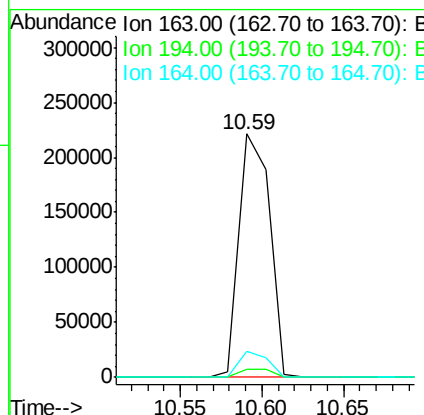
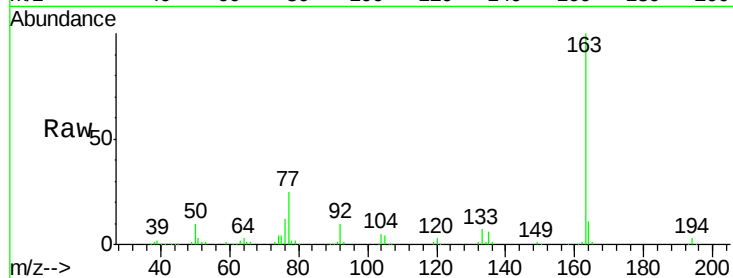
#49
Dimethylphthalate
Concen: 47.58 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	286712		
194	3.1		2.7	4.1
164	10.8		8.2	12.2

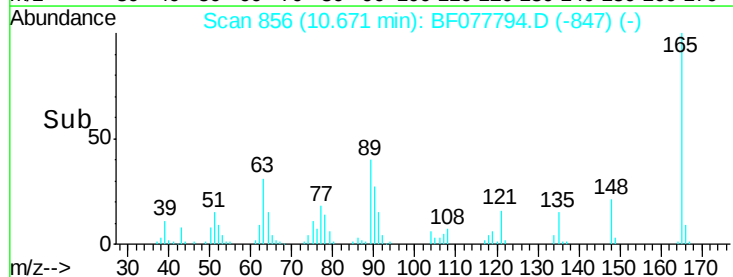
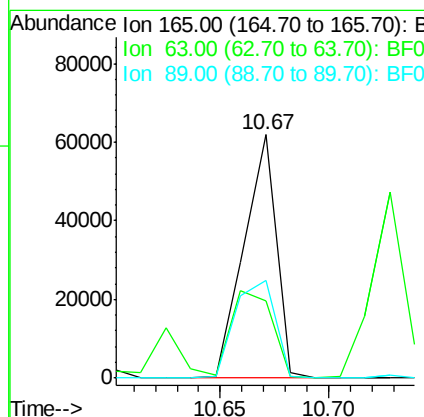
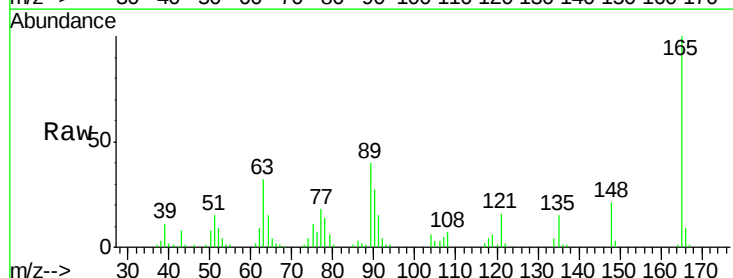
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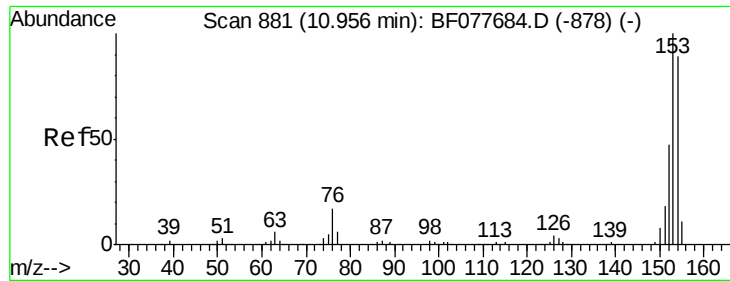
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#50
2,6-Dinitrotoluene
Concen: 51.10 ng
RT: 10.67 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	63832		
63	31.7		44.1	66.1#
89	40.3		44.3	66.5#





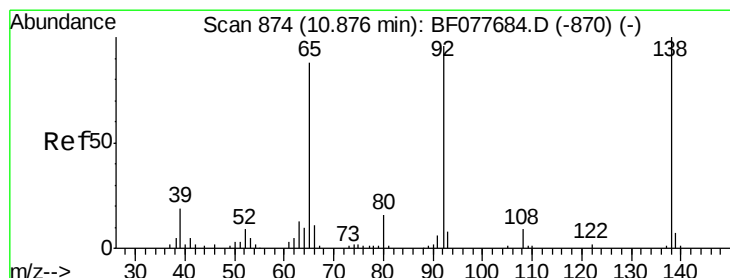
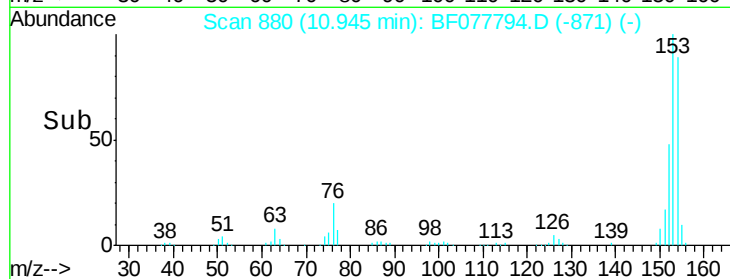
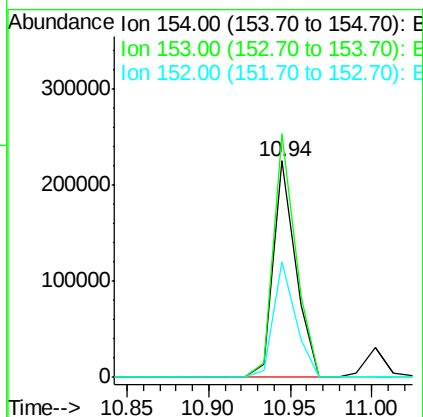
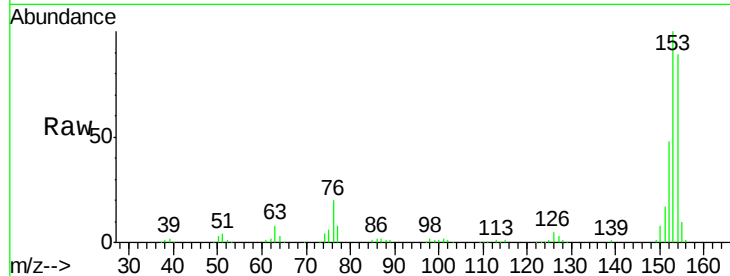
#51
Acenaphthene
Concen: 42.76 ng
RT: 10.94 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	53.6	42.6	63.8

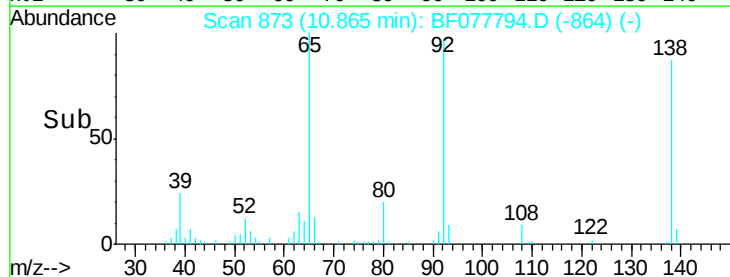
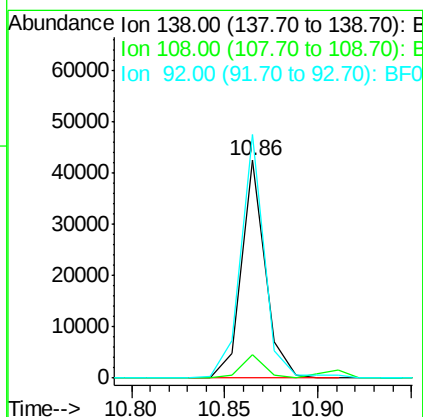
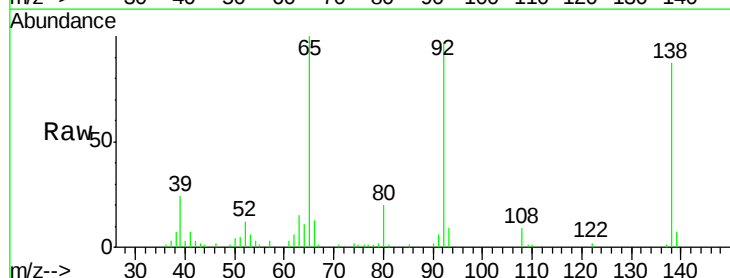
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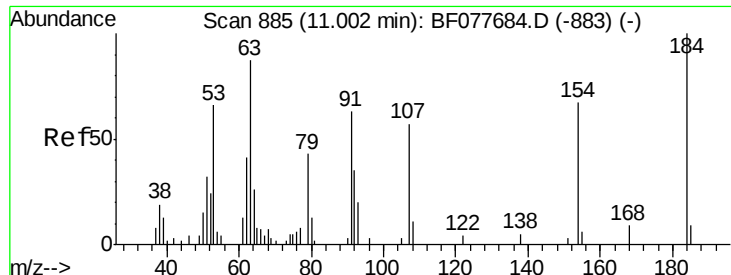
mohammad
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#52
3-Nitroaniline
Concen: 26.08 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.3	10.9
92	111.7	76.6	114.8





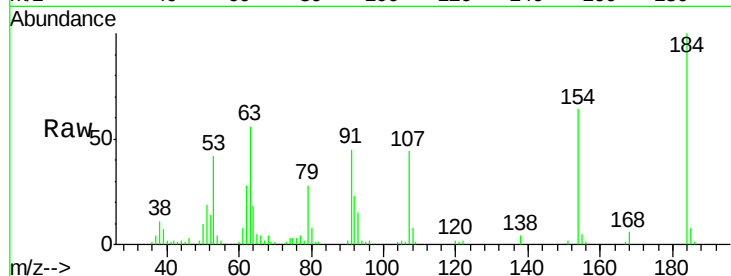
#53
2,4-Dinitrophenol
Concen: 95.83 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.8	69.2	103.8#
154	64.1	53.3	79.9

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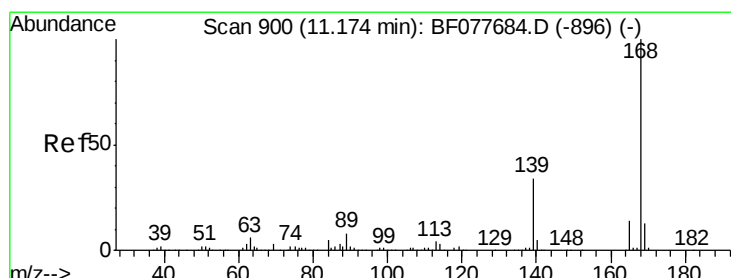
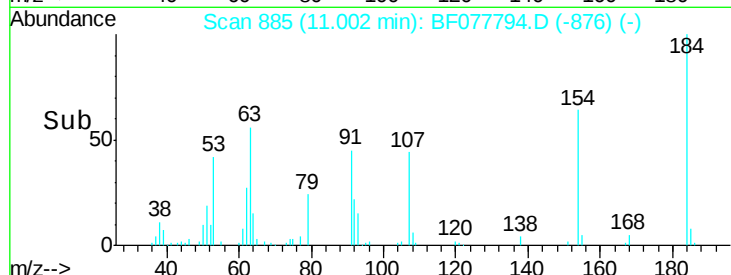
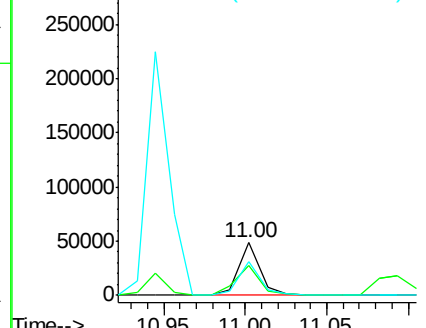


Abundance

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: 44.71 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

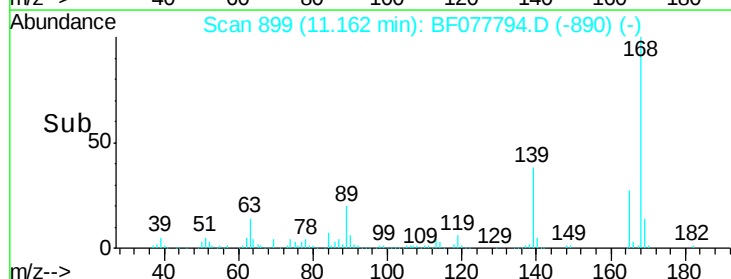
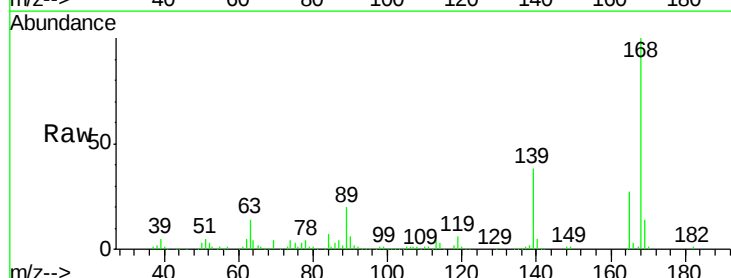
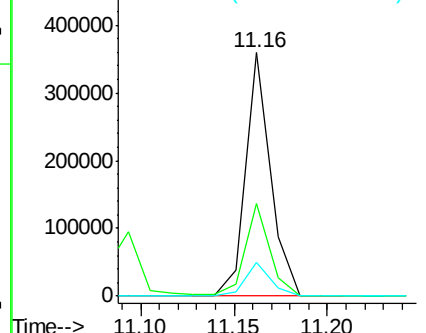
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.8	27.3	40.9
169	13.7	10.6	16.0

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





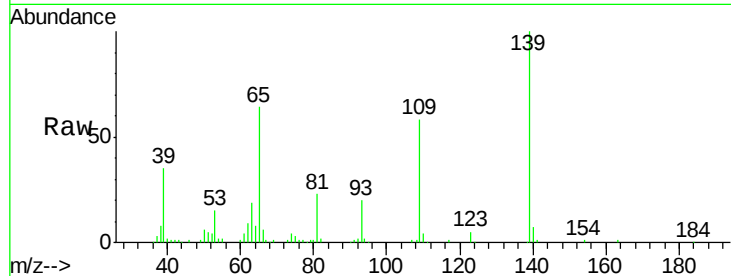
#55
4-Nitrophenol
Concen: 99.40 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

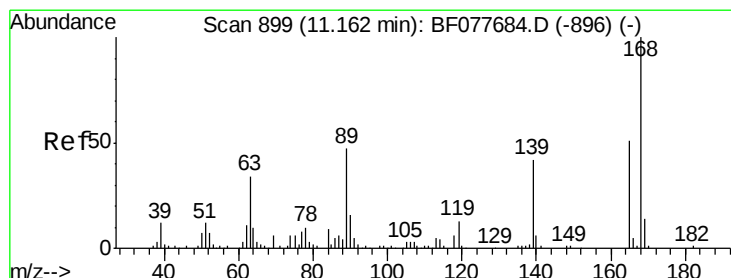
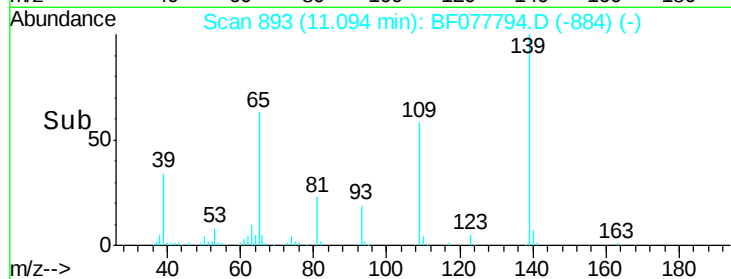
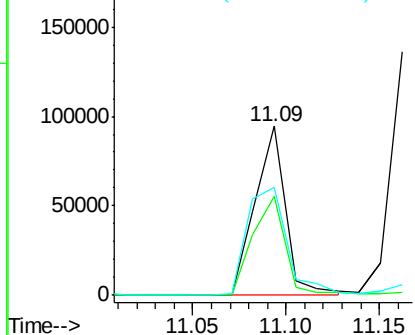
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	58.3	37.7	77.7	
65	64.0	49.9	89.9	

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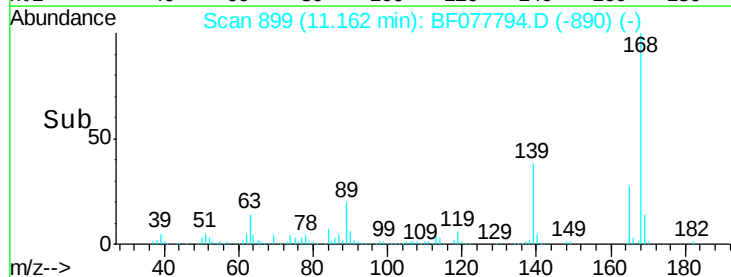
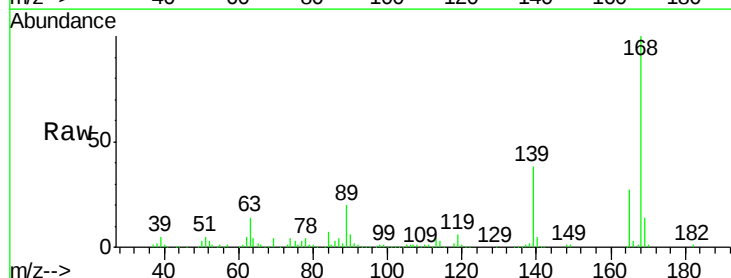
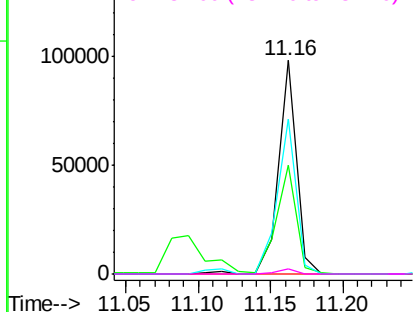
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 51.86 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.9	52.4	78.6	
89	72.4	72.4	108.6	
182	2.3	2.0	3.0	

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





#57

Fluorene

Concen: 44.31 ng

RT: 11.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Instrument :

BNA_F

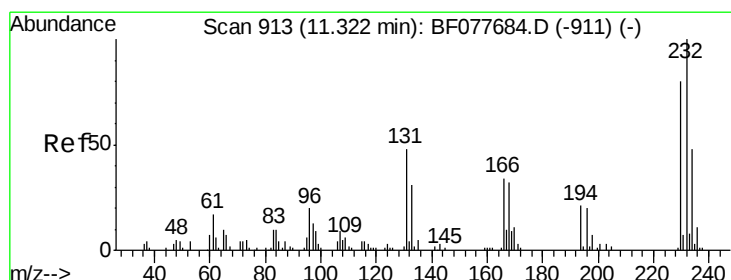
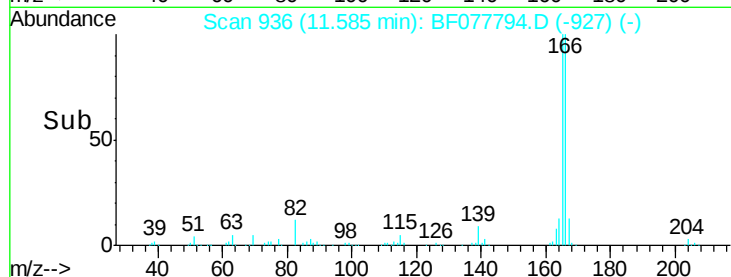
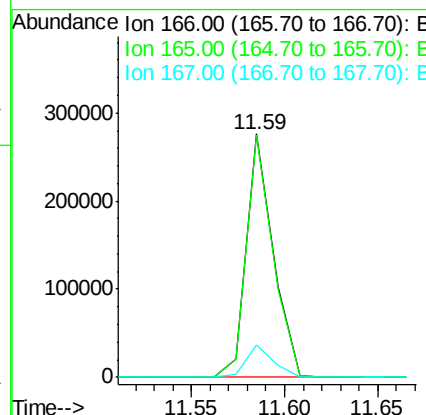
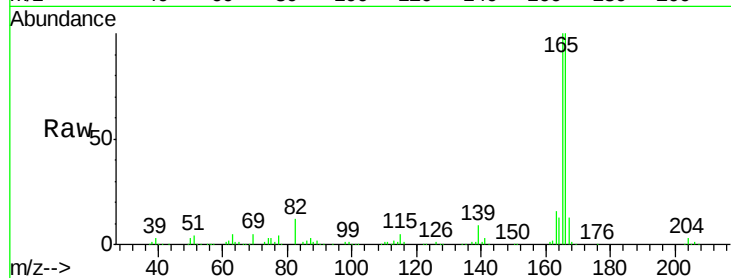
ClientSampleId :

SB-12(13-15)MSD

Tot Ion:	166	Resp:	274634
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.0	118.4
167	13.3	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.69 ng

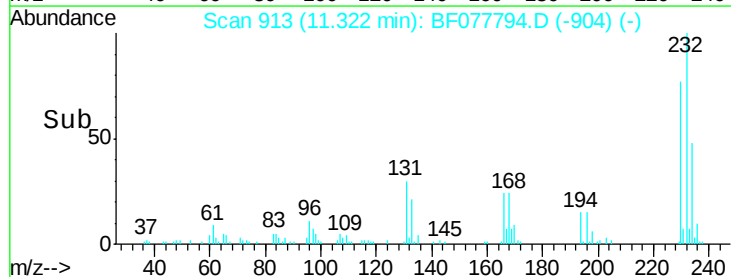
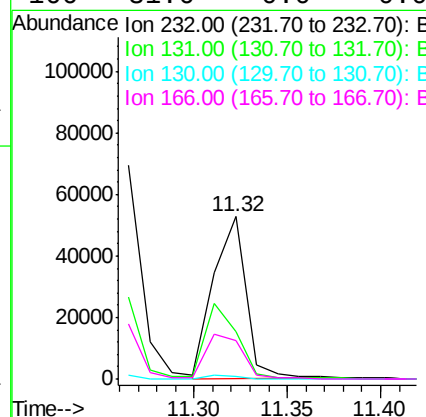
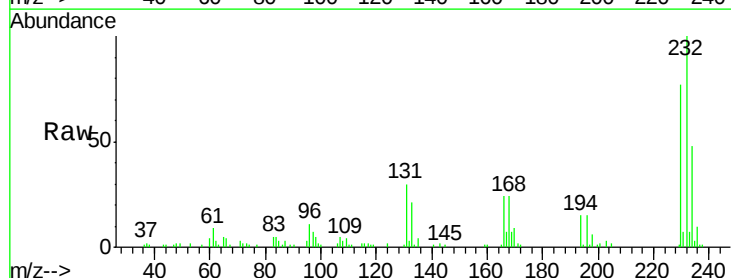
RT: 11.32 min Scan# 913

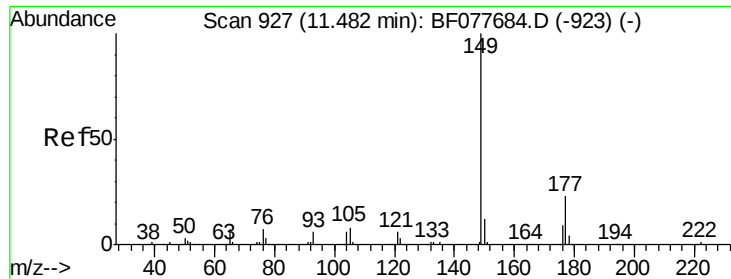
Delta R.T. -0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Tgt Ion:	232	Resp:	63796
Ion Ratio	Lower	Upper	
232	100		
131	45.9	0.0	0.0#
130	2.1	0.0	0.0#
166	31.6	0.0	0.0#





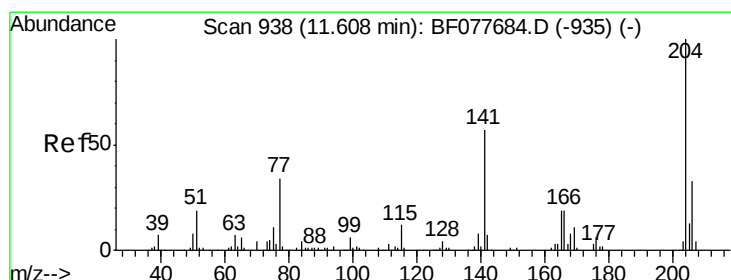
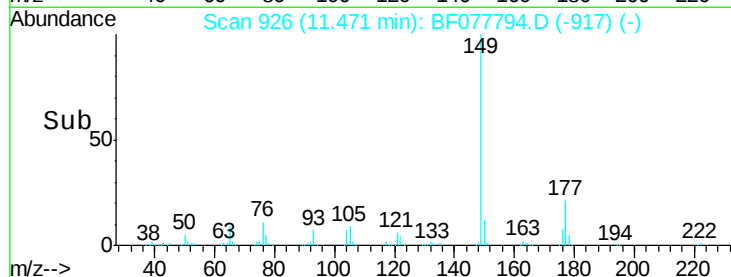
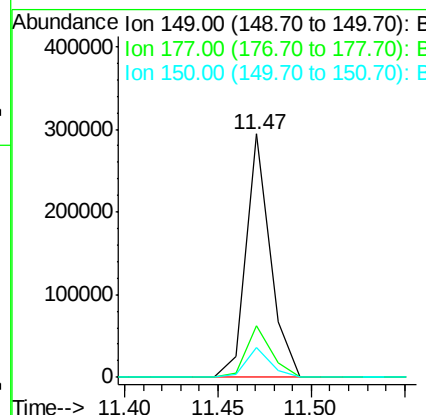
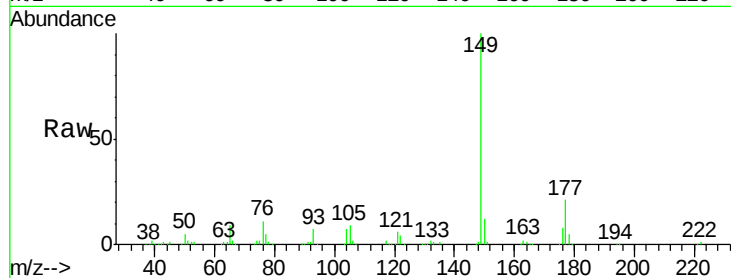
#59
Diethylphthalate
Concen: 45.26 ng
RT: 11.47 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	265731		
177	20.9	18.3	27.5	
150	12.4	9.8	14.8	

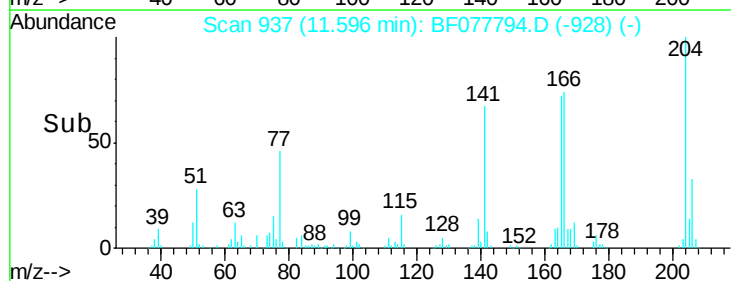
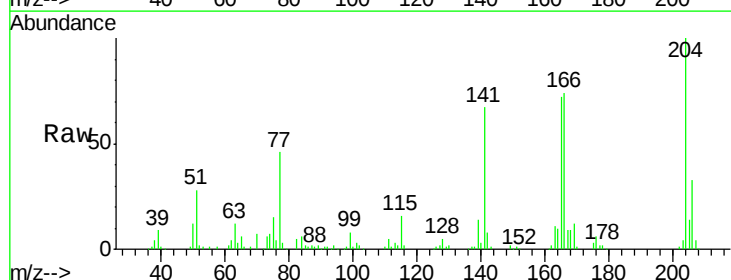
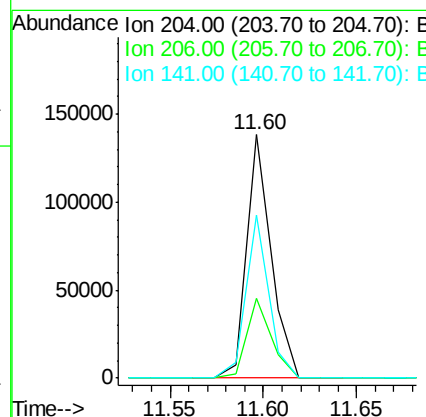
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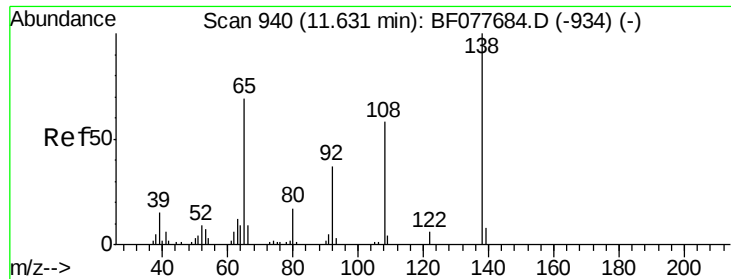
mohammad
3/20/2015 1:47:59 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.90 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	127003		
206	32.6	26.6	39.8	
141	66.9	45.2	67.8	





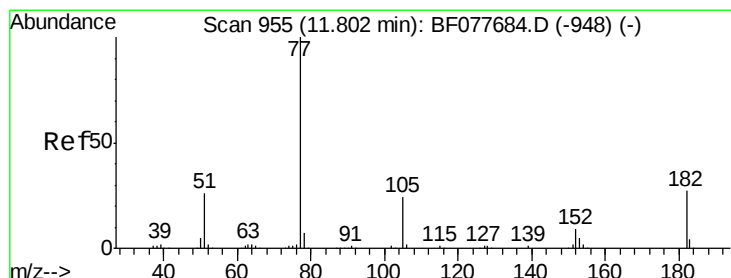
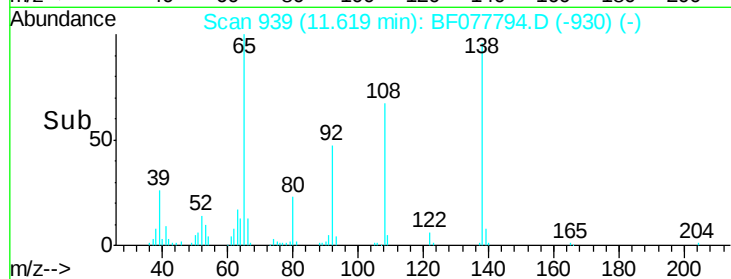
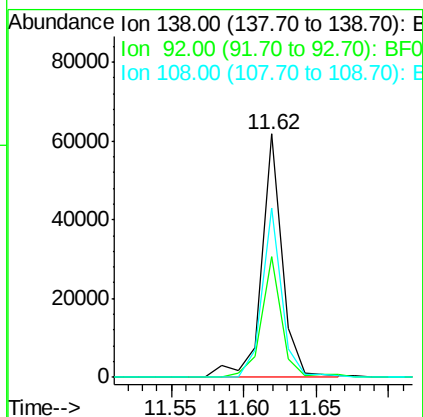
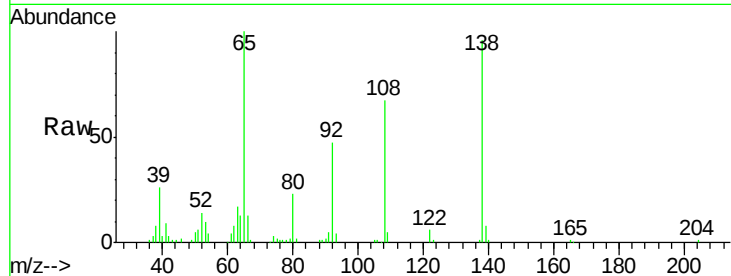
#61
4-Nitroaniline
Concen: 42.04 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.4	16.7	56.7
108	69.7	37.6	77.6

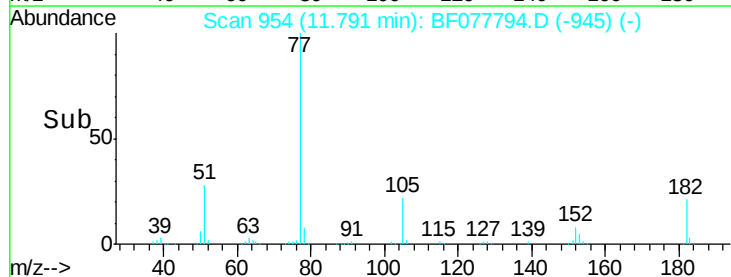
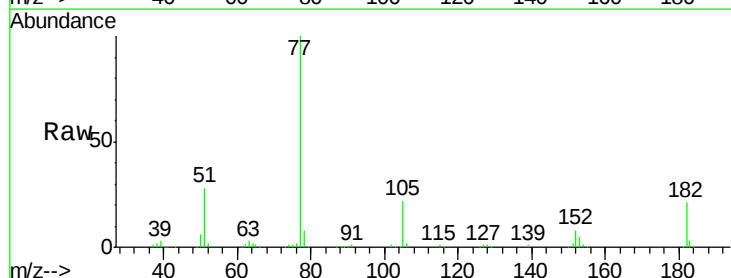
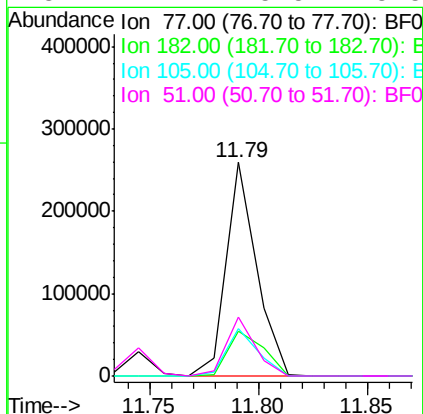
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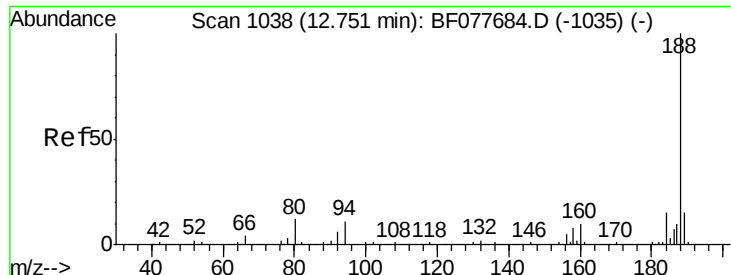
mohammad
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#62
Azobenzene
Concen: 44.47 ng
RT: 11.79 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.1	6.5	46.5
105	22.3	3.8	43.8
51	27.7	5.5	45.5





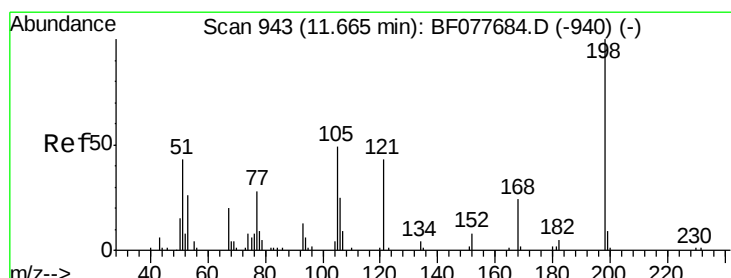
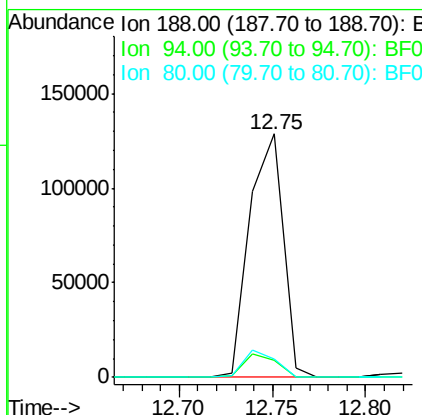
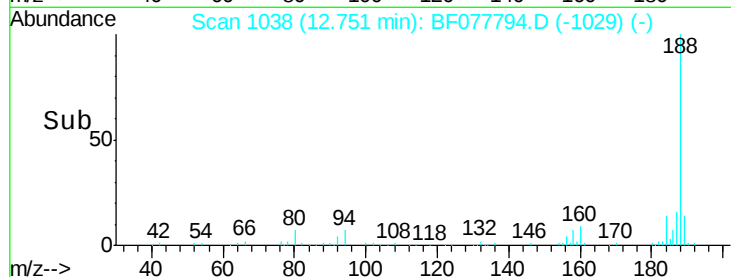
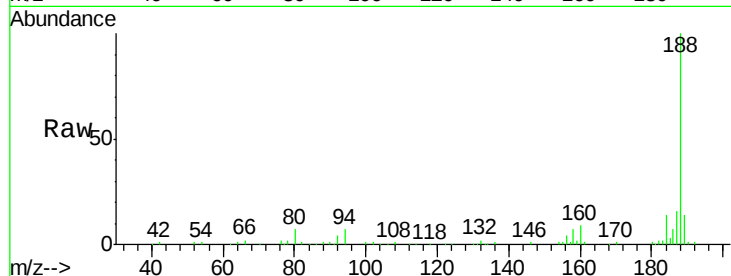
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.2	8.7	13.1#
80	7.3	9.3	13.9#

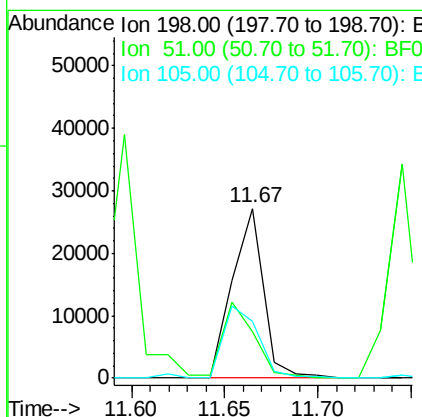
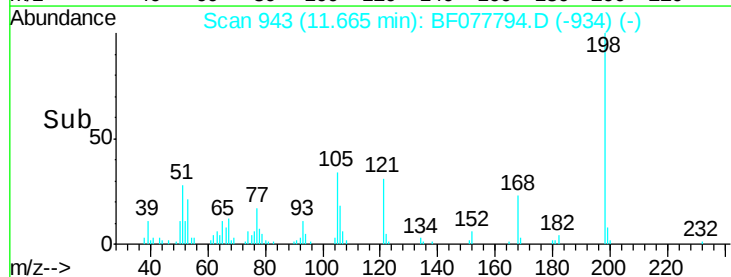
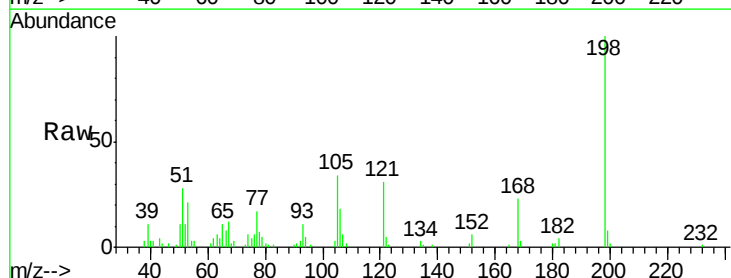
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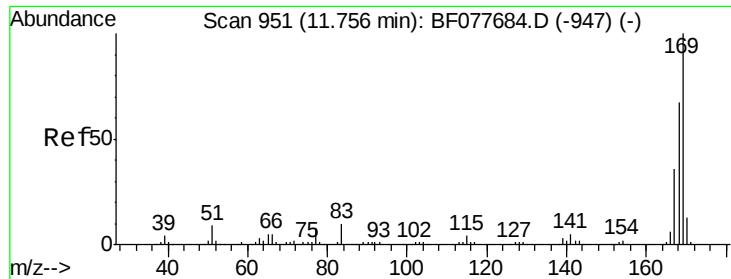
mohammad
3/20/2015 1:47:59 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.61 ng
RT: 11.67 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	27.7	28.8	68.8#
105	33.7	30.5	70.5





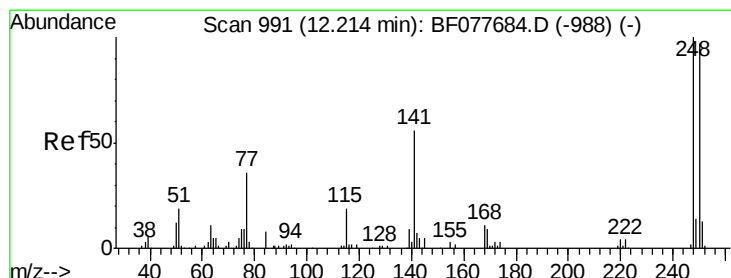
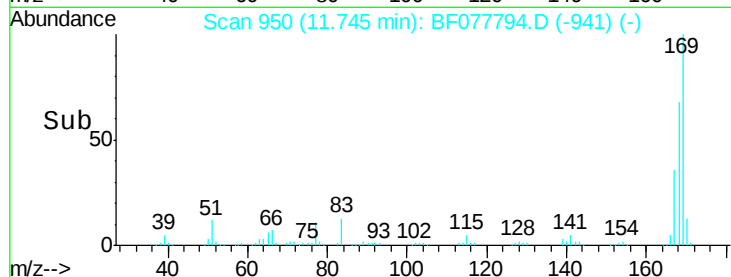
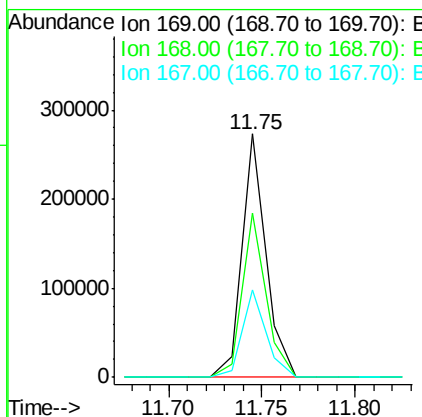
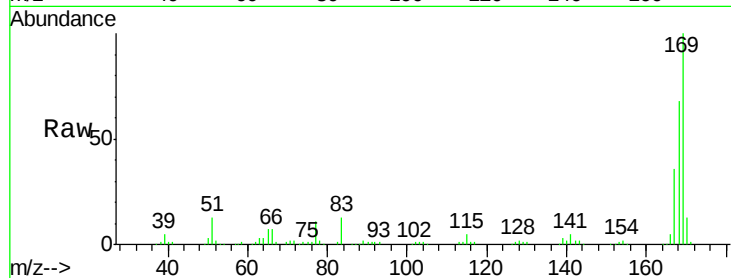
#65
 n-Nitrosodiphenylamine
 Concen: 45.60 ng
 RT: 11.75 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	244308		
168	67.5		53.9	80.9
167	36.2		28.9	43.3

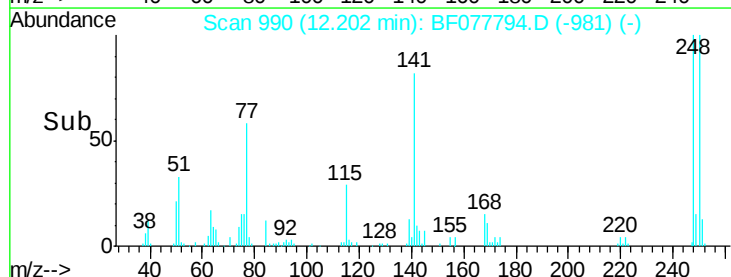
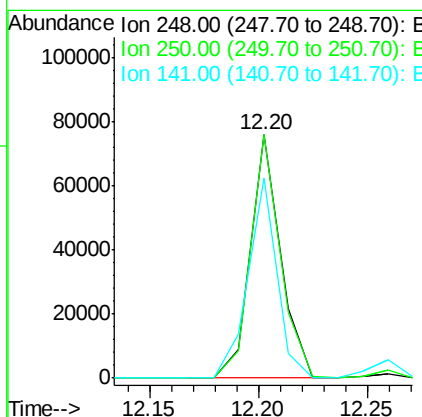
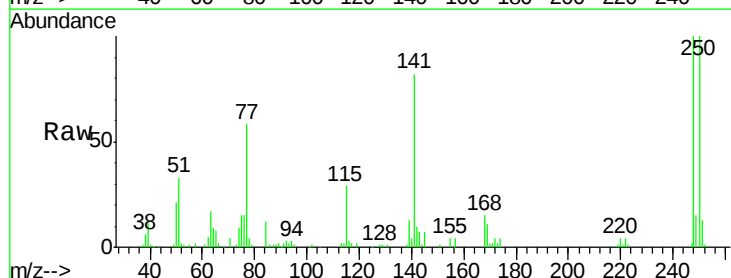
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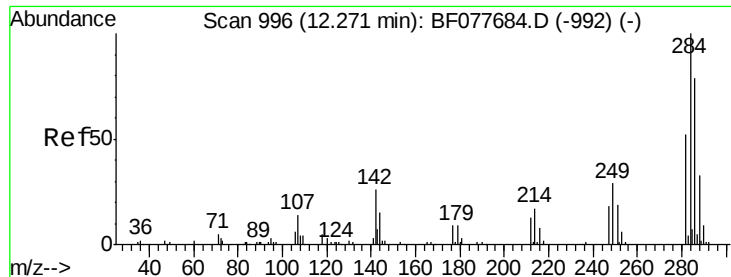
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 42.54 ng
 RT: 12.20 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	73047		
250	100.0		77.4	116.0
141	82.2		45.2	67.8#





#67

Hexachlorobenzene

Concen: 43.71 ng

RT: 12.26 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Instrument :

BNA_F

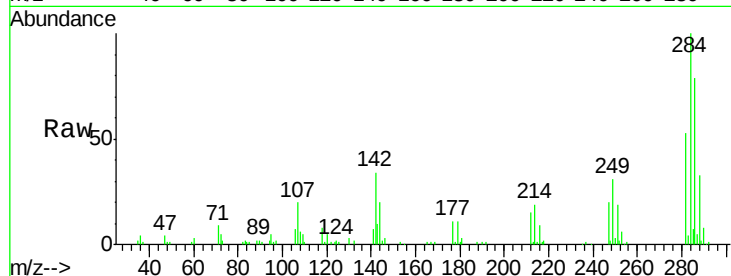
ClientSampleId :

SB-12(13-15)MSD

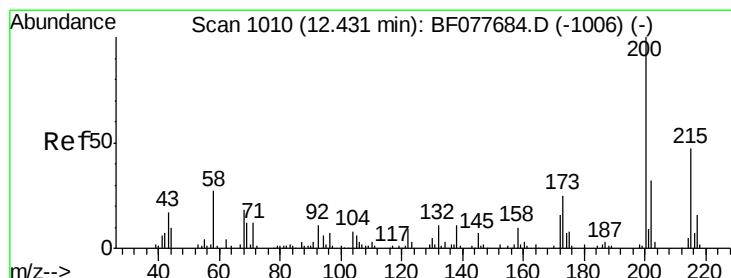
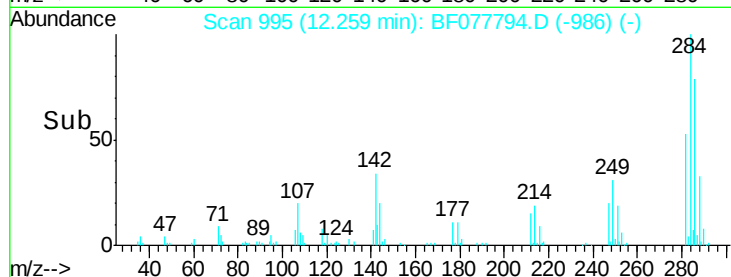
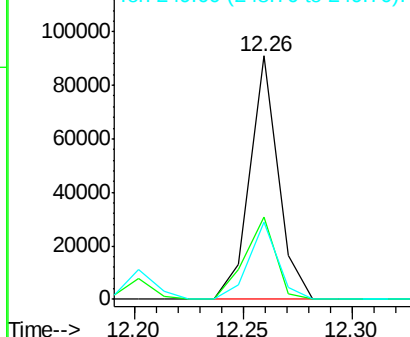
Tot Ion:	284	Resp:	82475
Ion Ratio	Lower	Upper	
284	100		
142	34.1	20.4	30.6#
249	31.5	23.8	35.6

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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: 47.71 ng

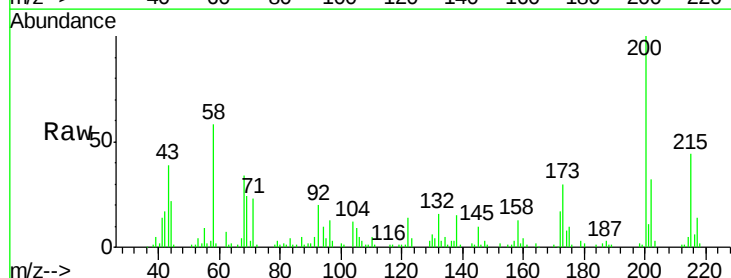
RT: 12.42 min Scan# 1009

Delta R.T. -0.01 min

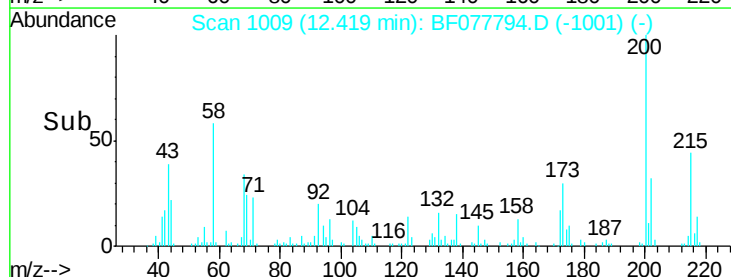
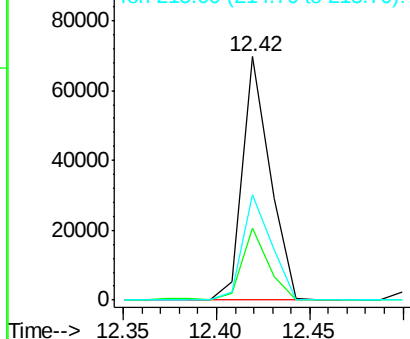
Lab File: BF077794.D

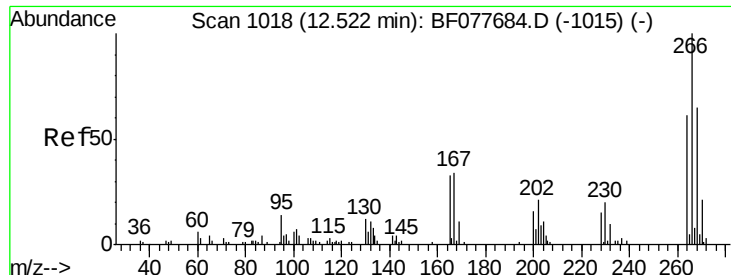
Acq: 18 Mar 2015 11:18

Tgt Ion:	200	Resp:	71628
Ion Ratio	Lower	Upper	
200	100		
173	29.7	4.8	44.8
215	43.5	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





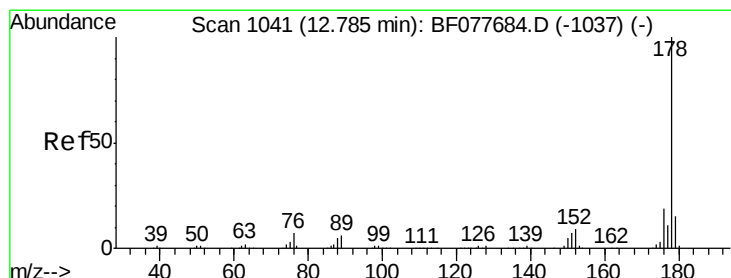
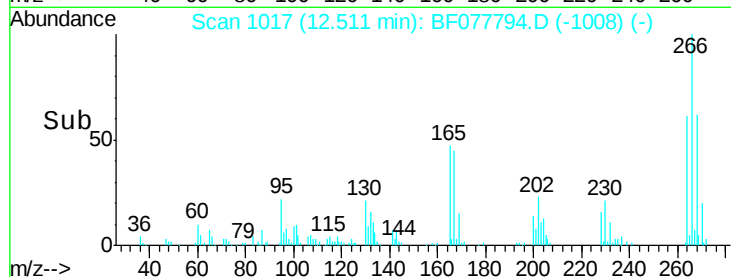
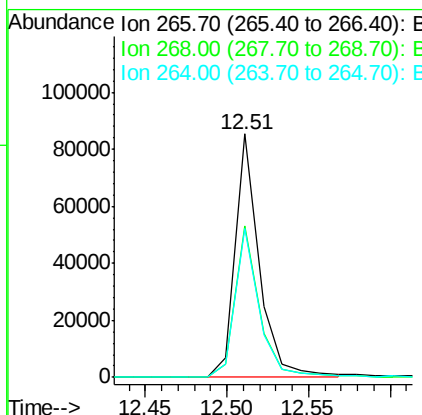
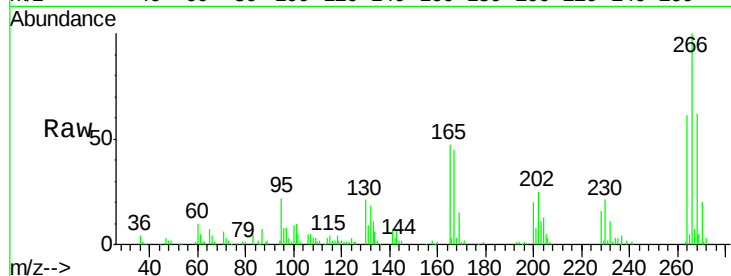
#69
 Pentachlorophenol
 Concen: 87.55 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	52.0	78.0
264	61.0	49.0	73.4

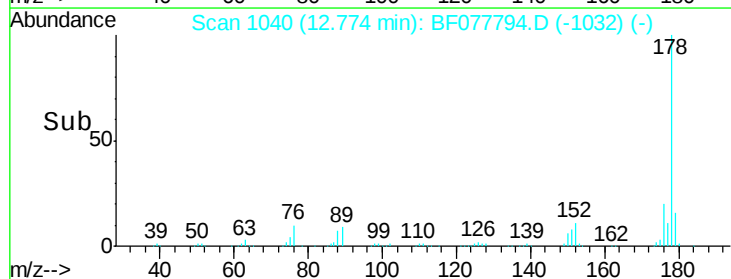
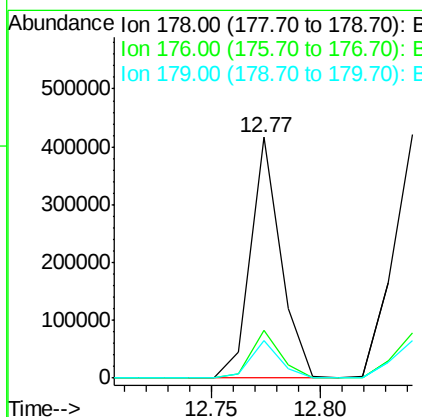
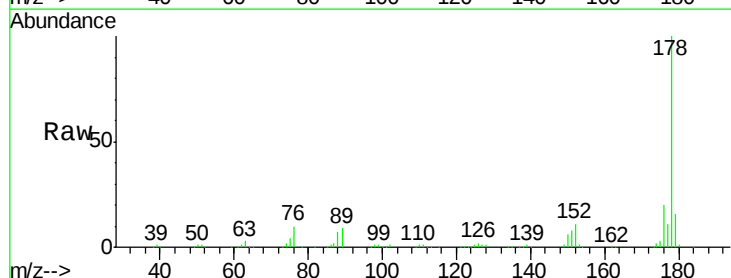
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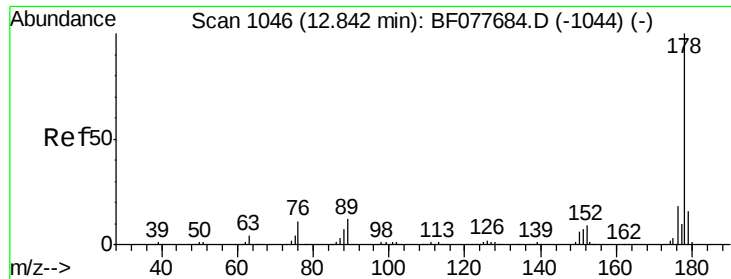
mohammad
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#70
 Phenanthrene
 Concen: 43.38 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.8	12.1	18.1





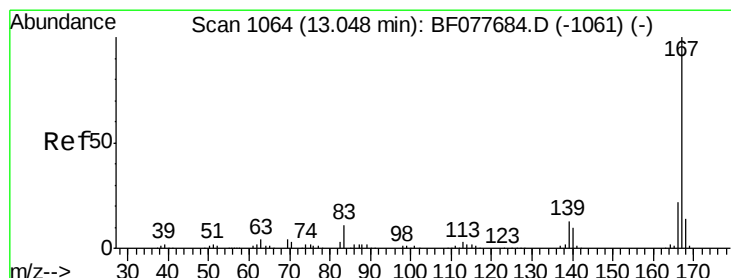
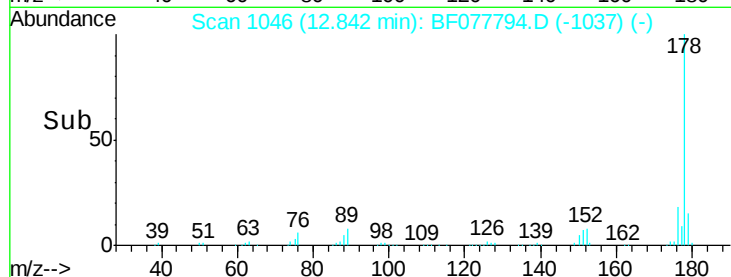
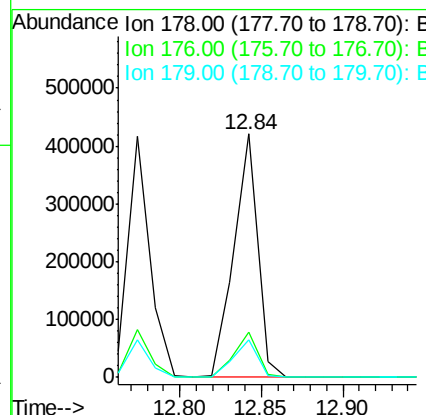
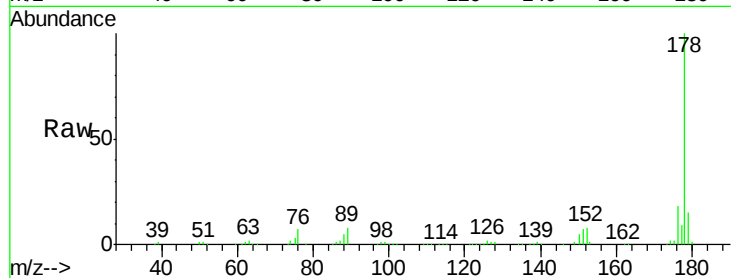
#71
 Anthracene
 Concen: 46.22 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.4	12.6	19.0

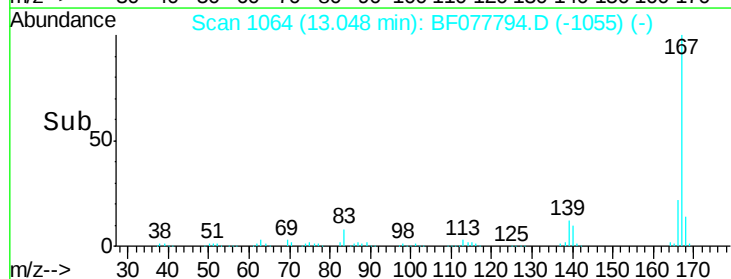
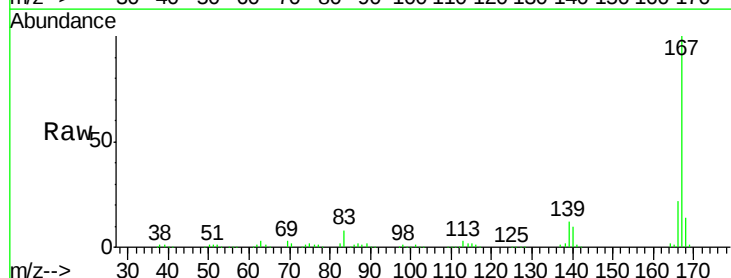
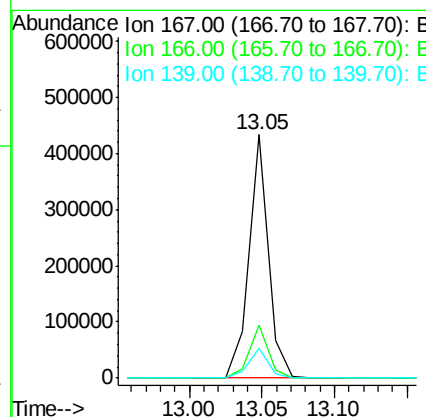
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#72
 Carbazole
 Concen: 46.56 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.4	10.8	16.2





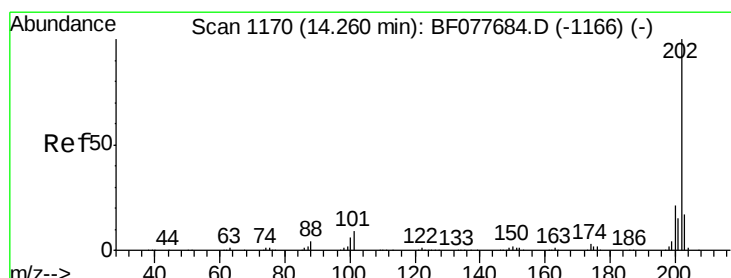
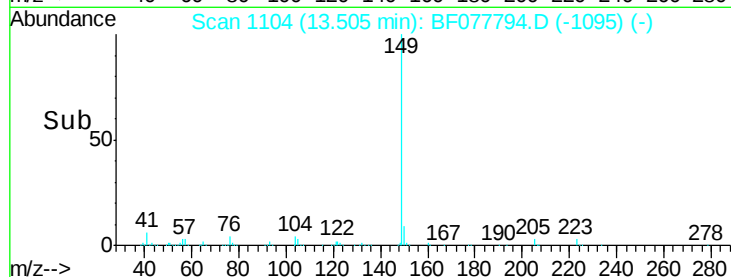
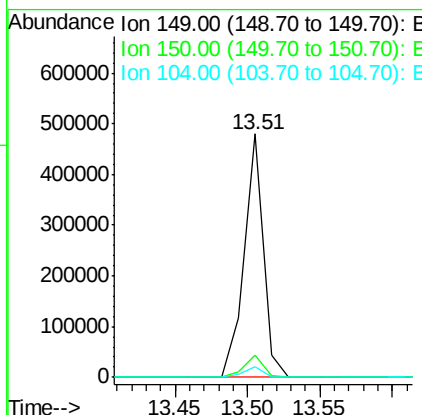
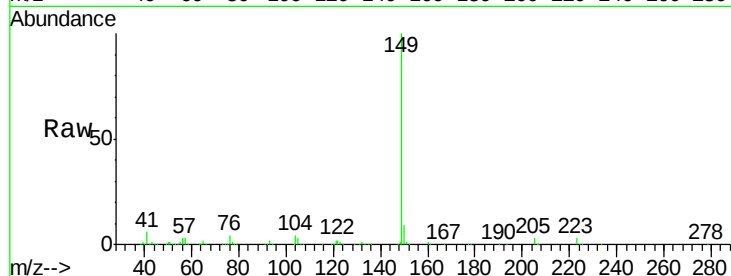
#73
Di-n-butylphthalate
Concen: 45.22 ng
RT: 13.51 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.9	7.5	11.3	
104	4.2	3.7	5.5	

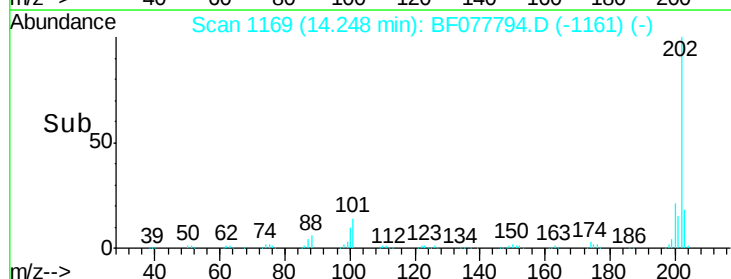
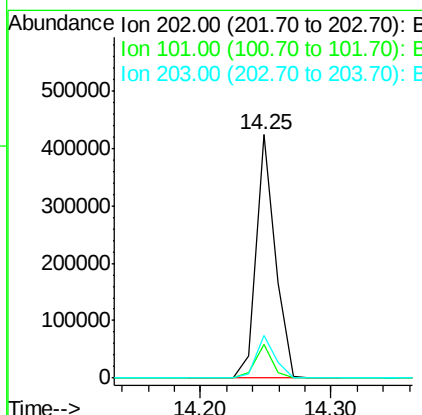
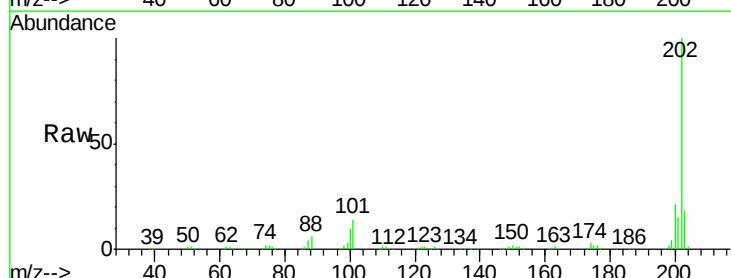
Manual Integrations
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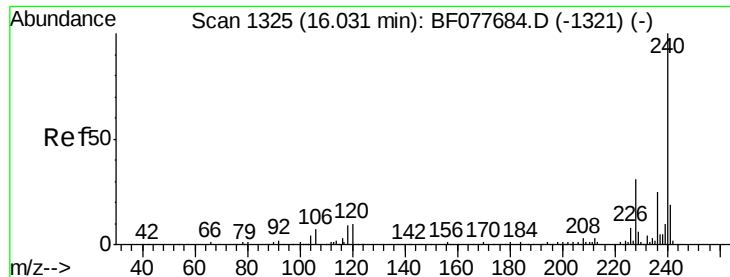
mohammad
3/20/2015 1:47:59 PM



#74
Fluoranthene
Concen: 42.76 ng
RT: 14.25 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.8	0.0	28.7	
203	17.6	0.0	37.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.04 min Scan# 1326

Delta R.T. -0.09 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

Instrument :

BNA_F

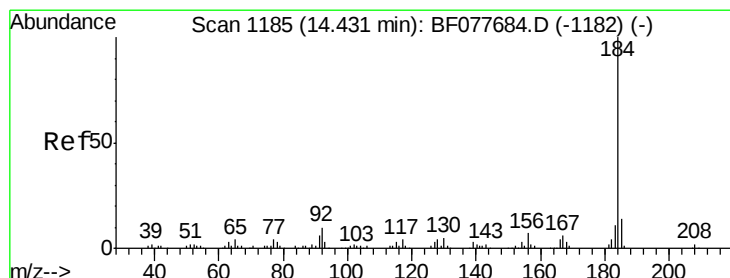
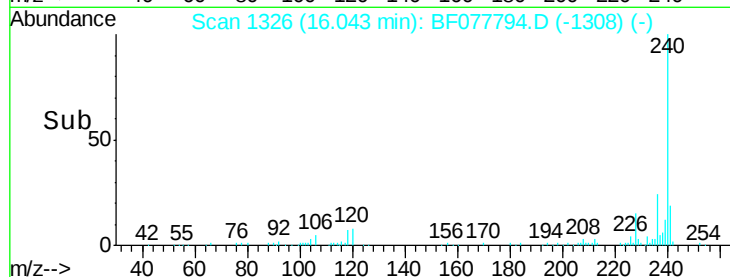
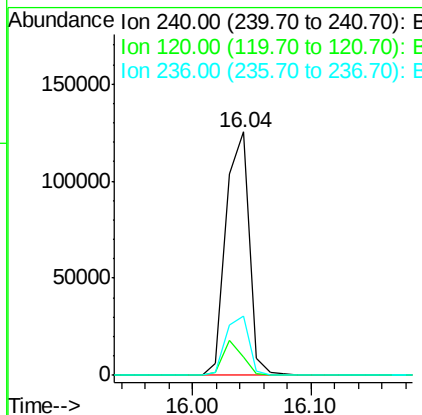
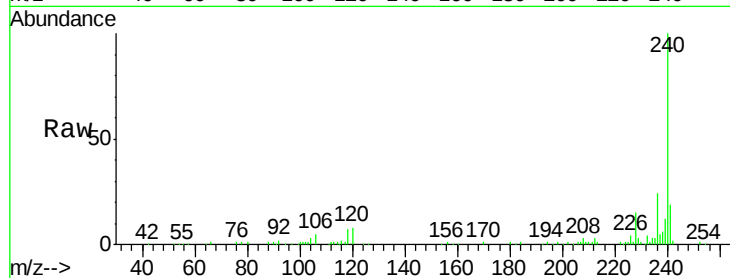
ClientSampleId :

SB-12(13-15)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.2	12.2#
236	24.3	20.0	30.0

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#76

Benzidine

Concen: 35.66 ng m

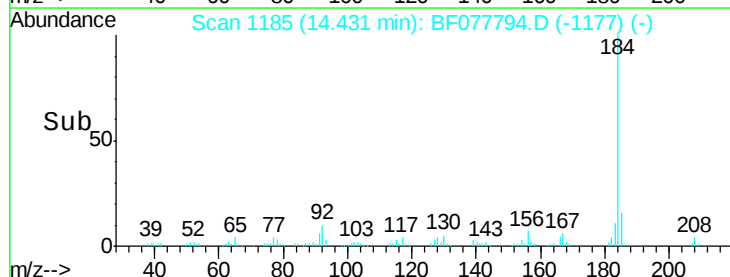
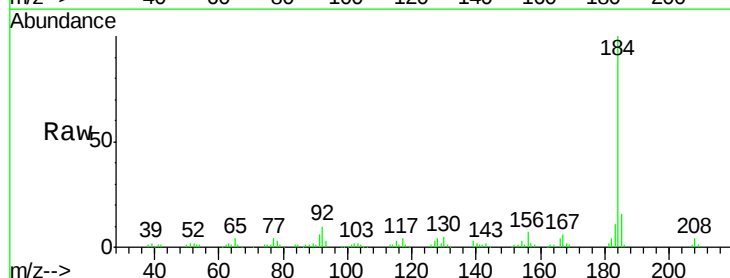
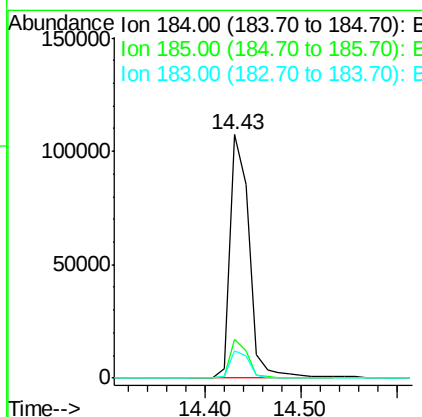
RT: 14.43 min Scan# 1185

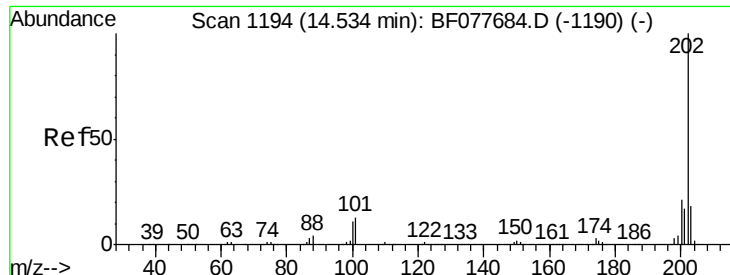
Delta R.T. -0.01 min

Lab File: BF077794.D

Acq: 18 Mar 2015 11:18

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





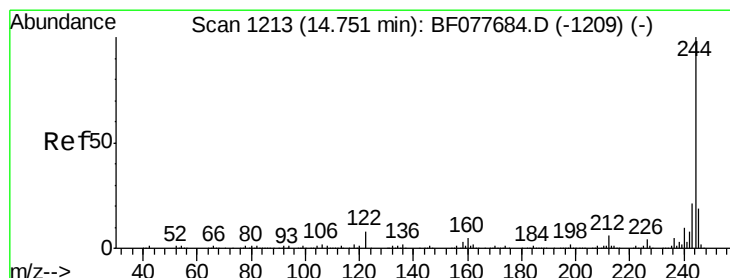
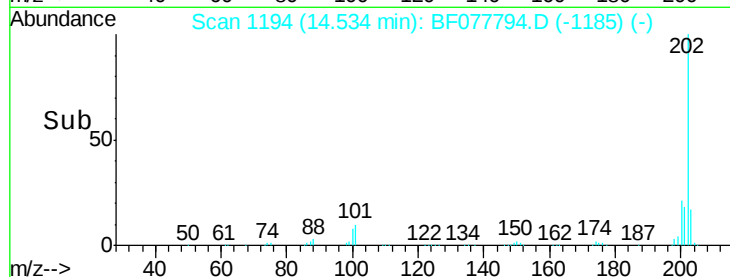
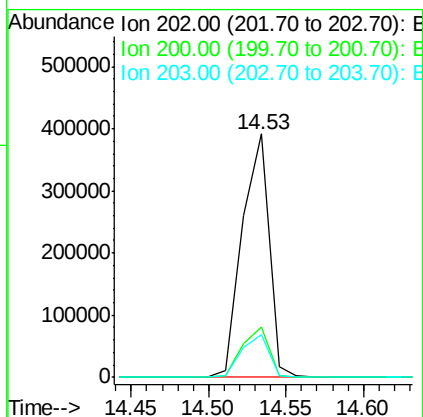
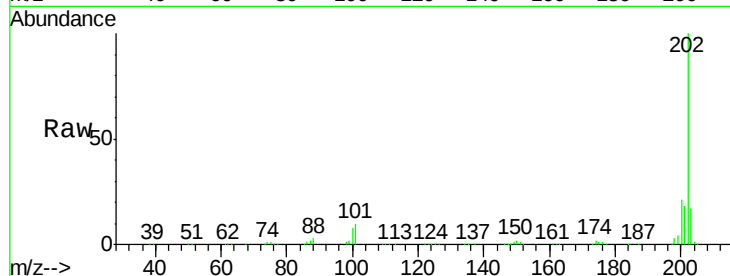
#77
Pvrene
Concen: 43.82 ng m
RT: 14.53 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.3	14.1	21.1

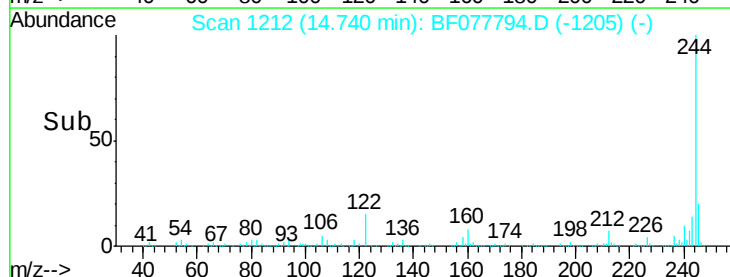
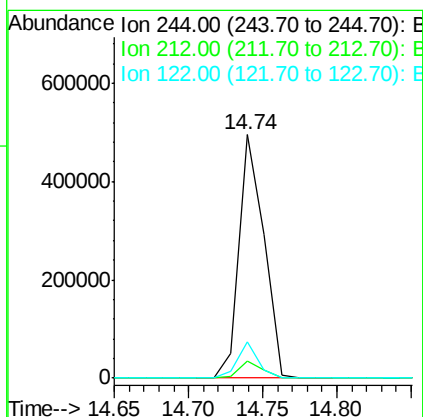
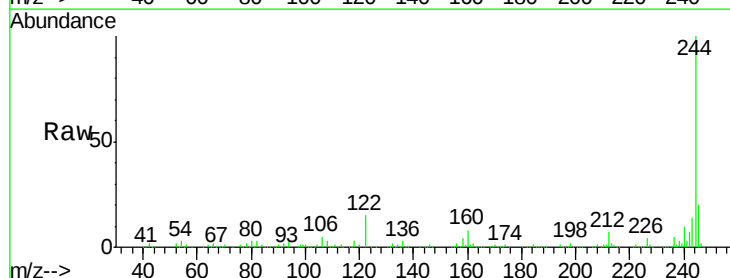
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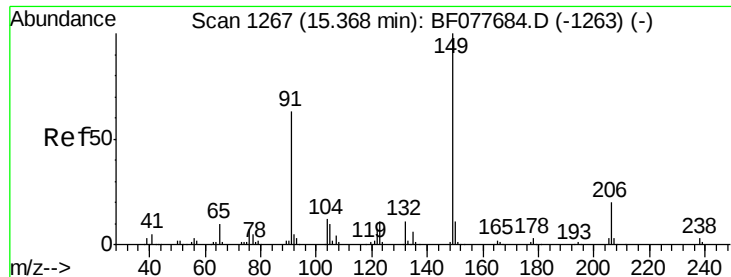
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#78
Terphenyl-d14
Concen: 83.42 ng m
RT: 14.74 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	14.7	6.2	9.4





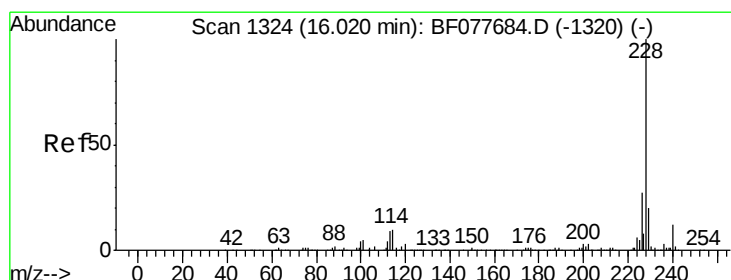
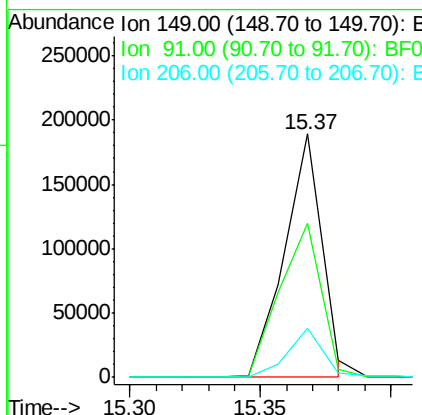
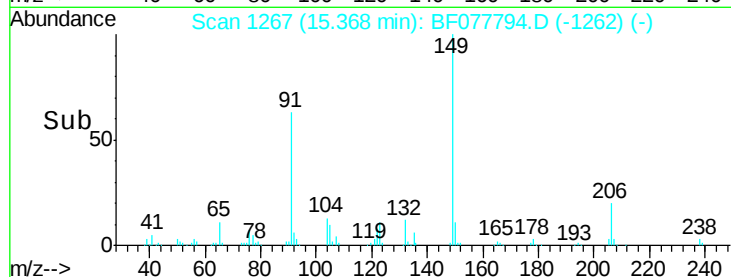
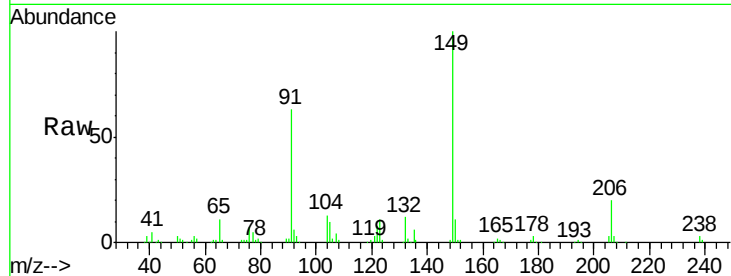
#79
Butylbenzylphthalate
Concen: 45.01 ng
RT: 15.37 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	189172		
91	63.2	50.1	75.1	
206	20.2	16.2	24.2	

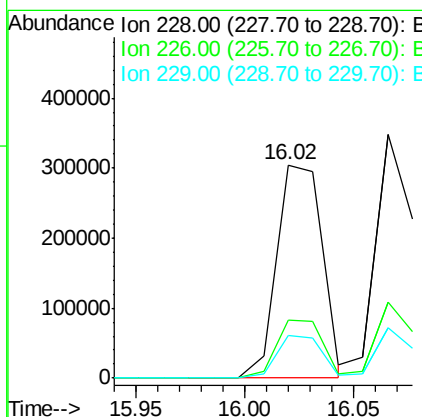
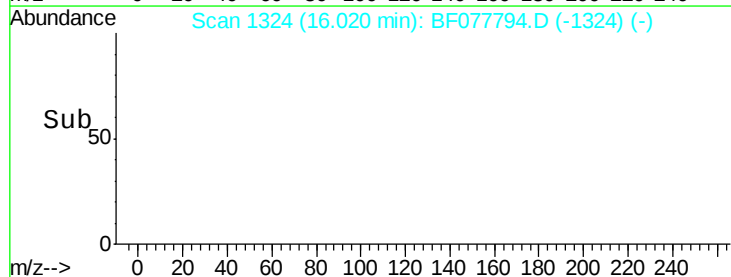
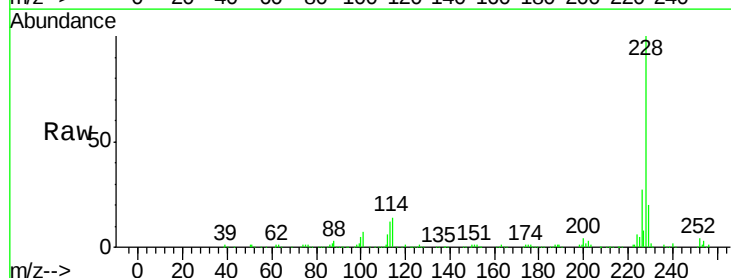
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#80
Benzo(a)anthracene
Concen: 44.38 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.10 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	445969		
226	27.2	21.7	32.5	
229	19.9	16.0	24.0	





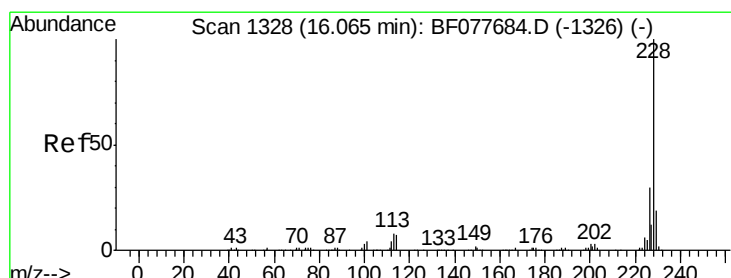
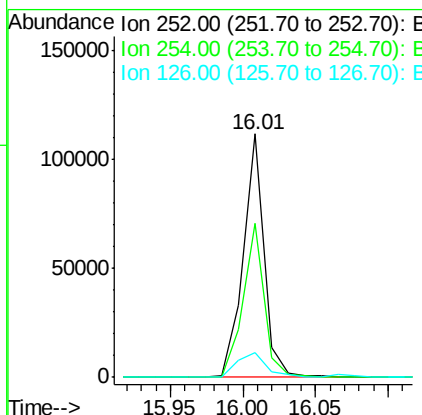
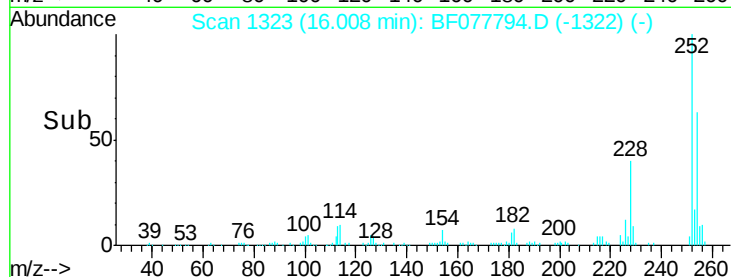
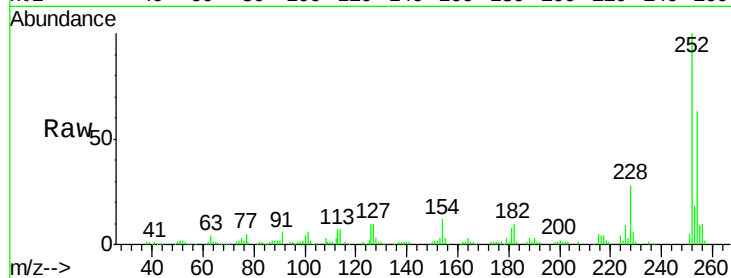
#81
 3,3'-Dichlorobenzidine
 Concen: 33.68 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. -0.09 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	51.9	77.9
126	10.1	9.8	14.8

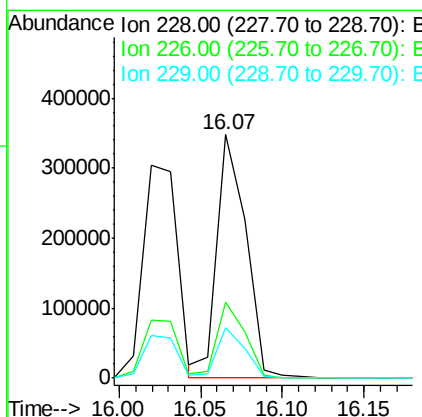
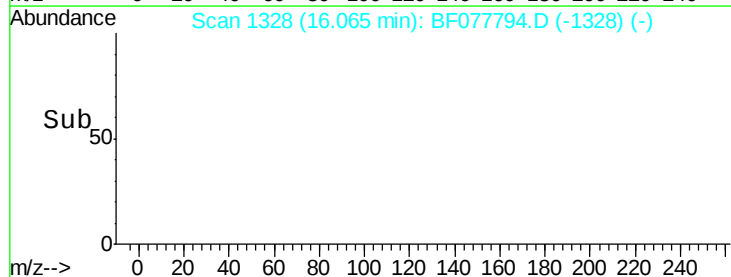
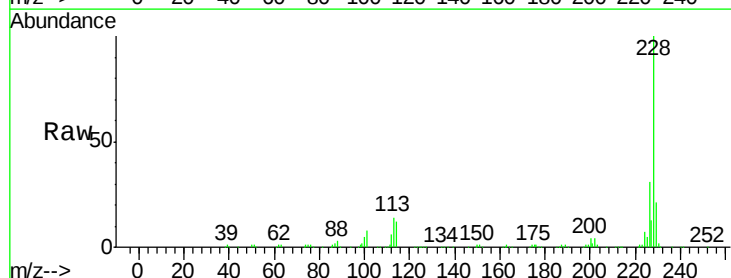
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#82
 Chrysene
 Concen: 47.05 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. -0.10 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	24.1	36.1
229	20.9	15.5	23.3





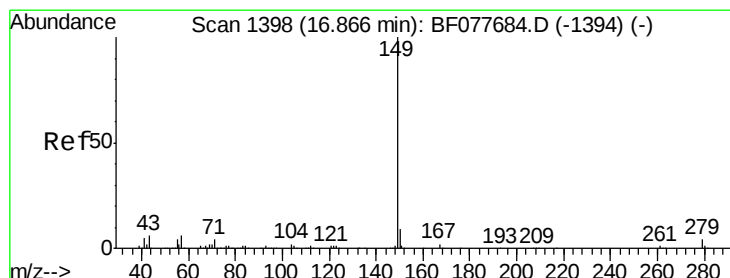
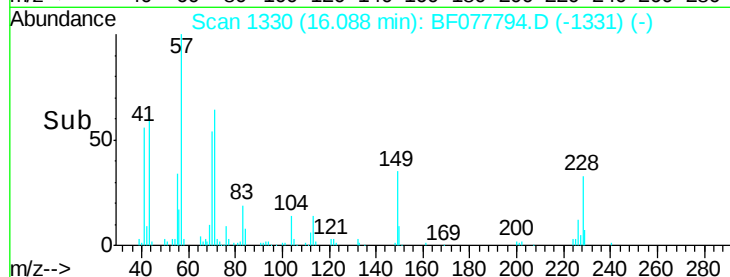
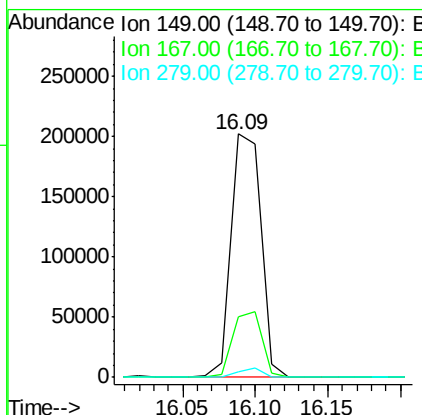
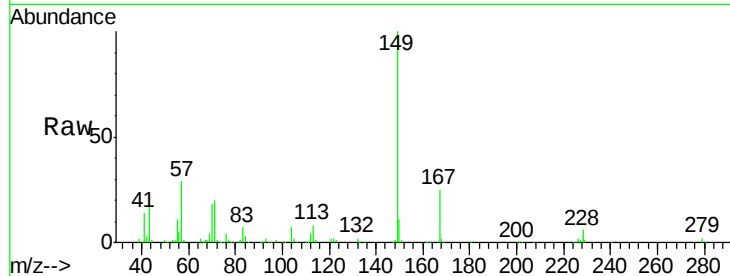
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.39 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. -0.11 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	288973		
167	25.1	22.4	33.6	
279	2.1	3.4	5.0	

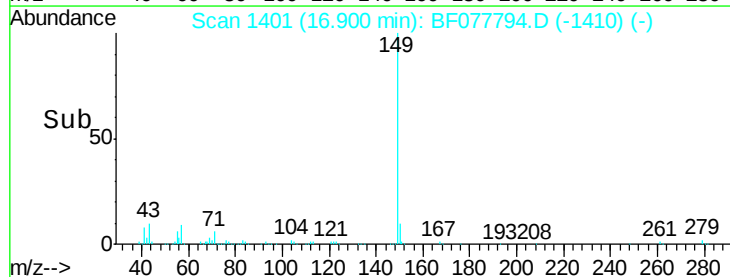
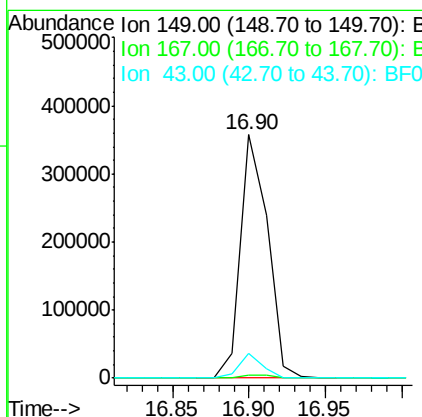
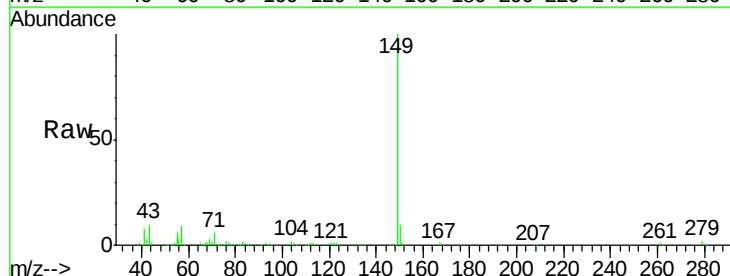
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#84
 Di-n-octyl phthalate
 Concen: 41.46 ng m
 RT: 16.90 min Scan# 1401
 Delta R.T. -0.21 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	451260		
167	0.0	1.2	1.8	
43	0.0	7.3	10.9	





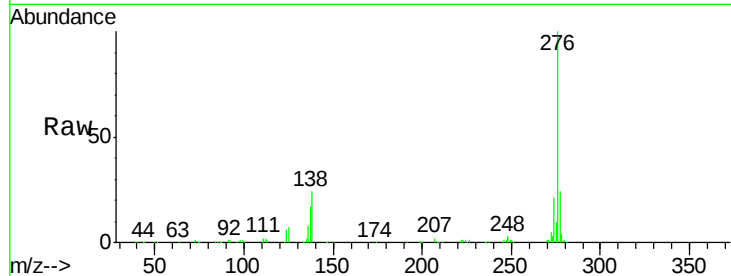
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.89 ng/ml
RT: 19.21 min Scan# 1603
Delta R.T. -0.37 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

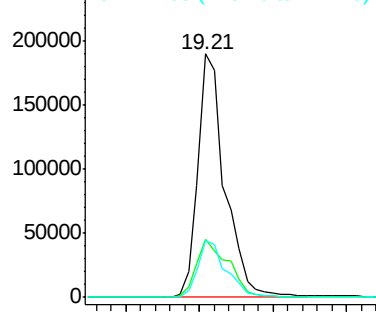
Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0

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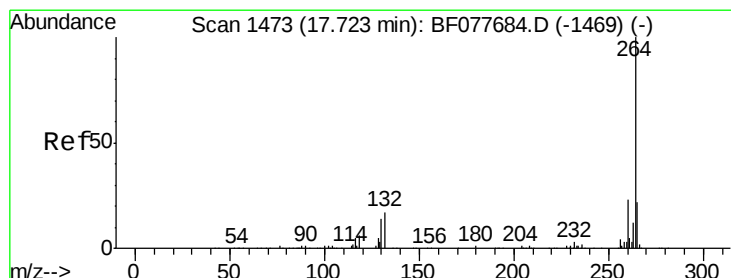
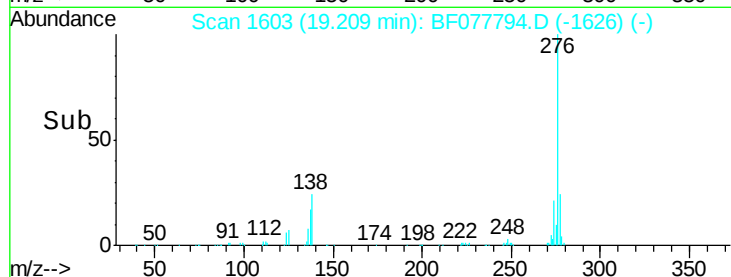
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

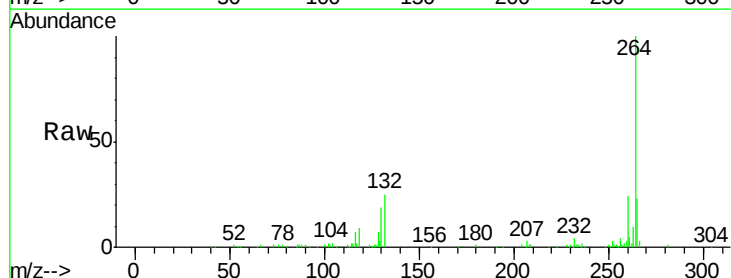


Time-->

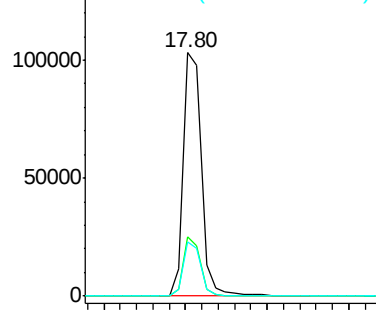


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. -0.30 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

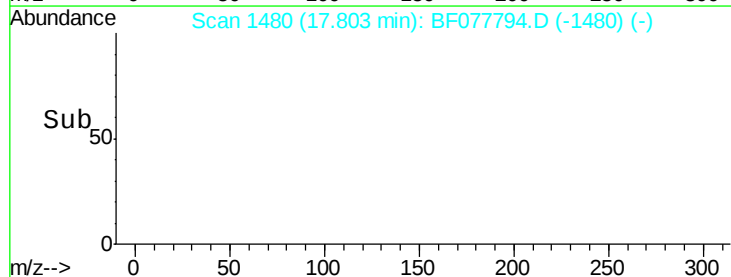
Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.5	17.3	25.9



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



Time-->





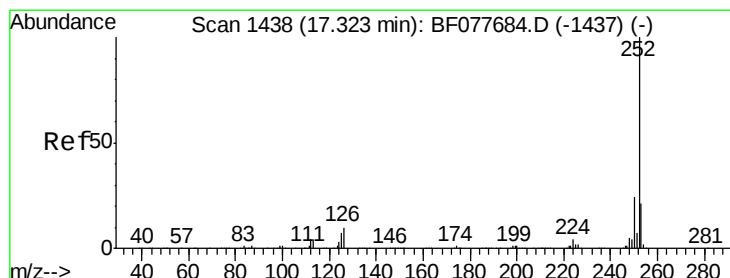
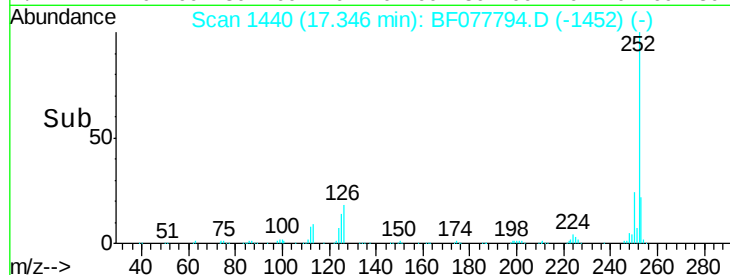
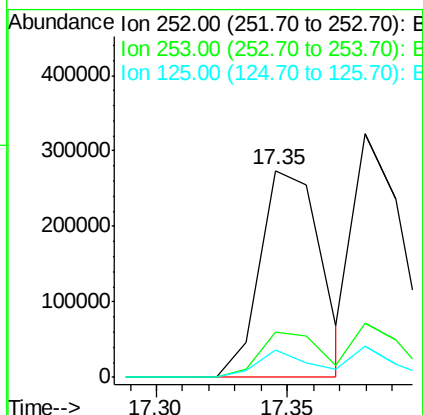
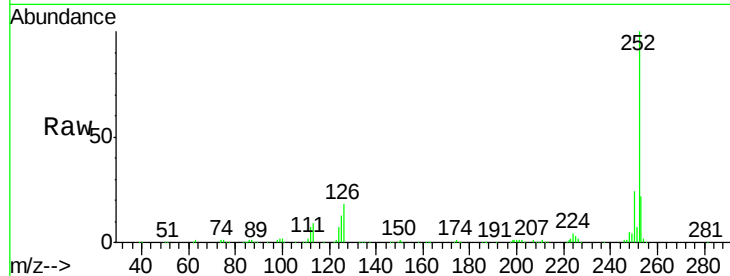
#87
Benzo(b)fluoranthene
Concen: 42.11 ng m
RT: 17.35 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	13.5	9.9	14.9

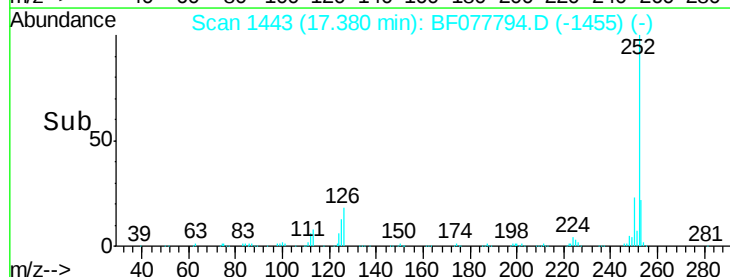
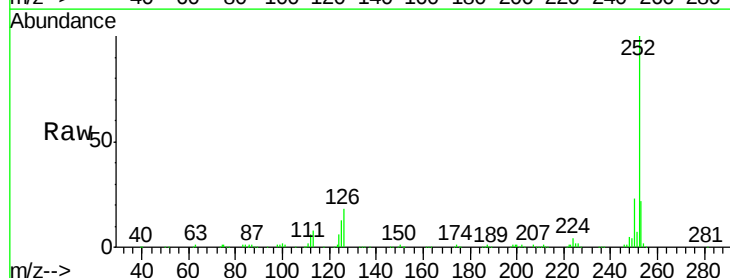
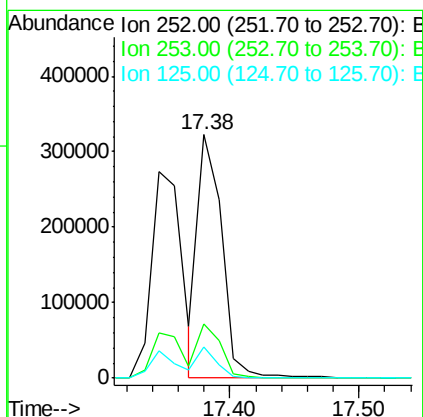
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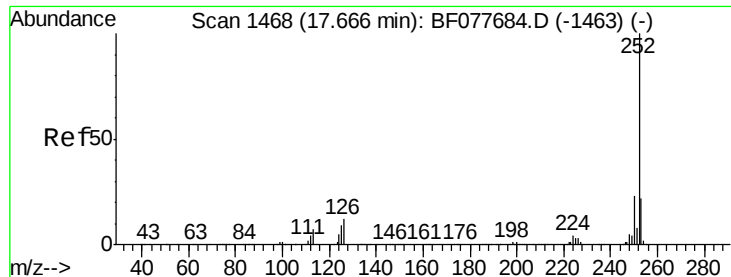
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#88
Benzo(k)fluoranthene
Concen: 50.86 ng m
RT: 17.38 min Scan# 1443
Delta R.T. -0.24 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.8	8.1	12.1





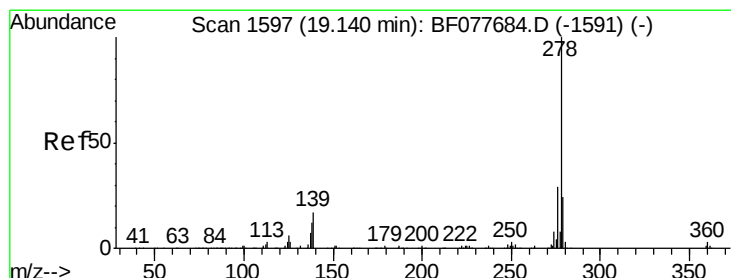
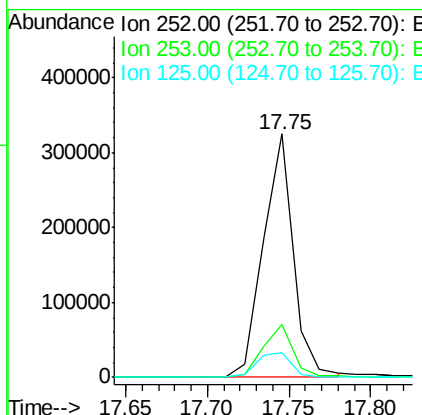
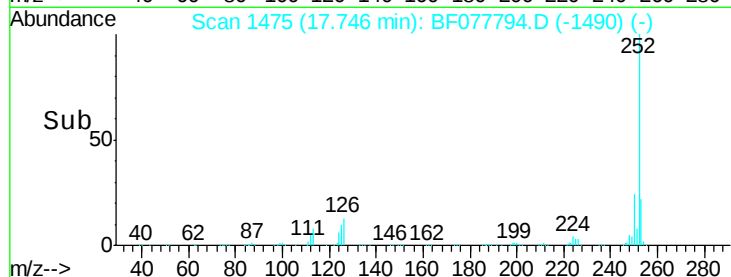
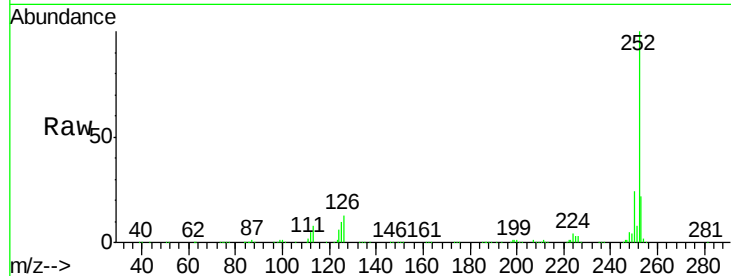
#89
Benzo(a)pyrene
Concen: 47.60 ng
RT: 17.75 min Scan# 1475
Delta R.T. -0.27 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.1	7.4	11.2

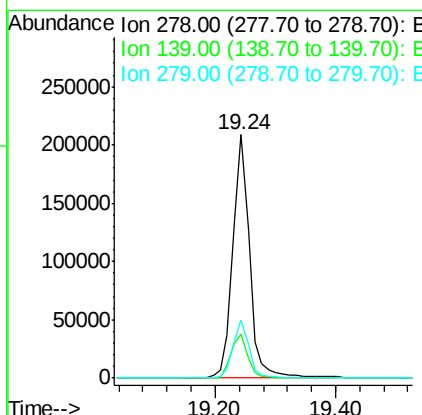
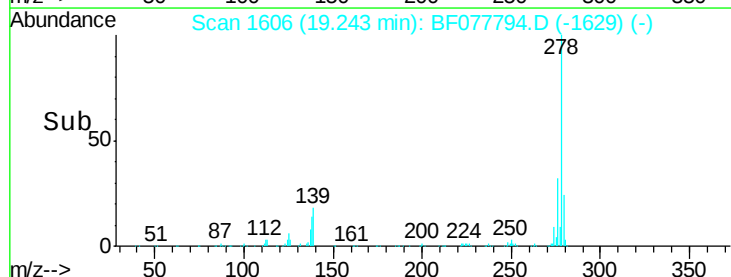
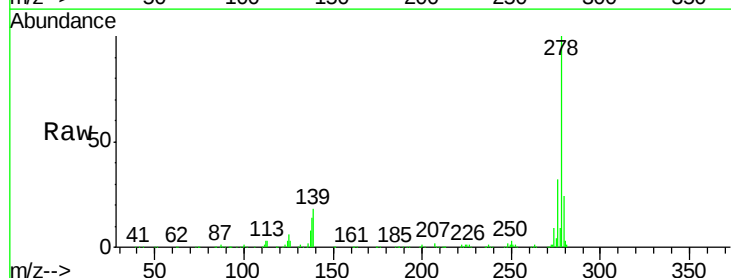
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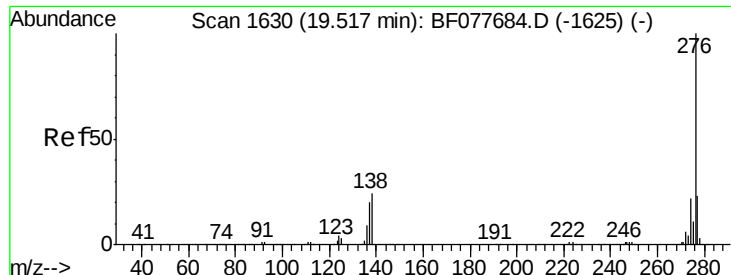
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#90
Dibenzo(a,h)anthracene
Concen: 46.67 ng m
RT: 19.24 min Scan# 1606
Delta R.T. -0.37 min
Lab File: BF077794.D
Acq: 18 Mar 2015 11:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.4	20.0
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.82 ng/ml
 RT: 19.63 min Scan# 1640
 Delta R.T. -0.37 min
 Lab File: BF077794.D
 Acq: 18 Mar 2015 11:18

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

Tot Ion:	276	Resp:	405459
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.5	27.7
138	20.5	19.0	28.6

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