

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077795.D
 Acq On : 18 Mar 2015 11:46
 Operator : TP/IZ
 Sample : PB82120BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Manual Integrations
 APPROVED

mohammad
 3/20/2015 1:48:08 PM

Quant Time: Mar 19 01:37:22 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	49913	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	208090	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	105464	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	206183	20.00	ng	0.00
75) Chrysene-d12	16.04	240	209119	20.00	ng	-0.09
86) Perylene-d12	17.81	264	196304	20.00	ng	-0.29

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	384658	134.52	ng	0.01
7) Phenol-d6	6.73	99	473151	133.93	ng	0.00
23) Nitrobenzene-d5	7.86	82	285082	89.80	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	120697	119.61	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	612884	85.40	ng	0.00
78) Terphenyl-d14	14.74	244	684288m	79.93	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	41064	31.63	ng	# 100
3) Pyridine	2.75	79	114609	32.86	ng	97
4) n-Nitrosodimethylamine	2.68	42	49330	32.48	ng	96
6) Aniline	6.75	93	110668	21.90	ng	# 48
8) 2-Chlorophenol	6.89	128	138132	40.58	ng	97
9) Benzaldehyde	6.60	77	13301	9.19	ng	93
10) Phenol	6.75	94	163502	39.15	ng	92
11) bis(2-Chloroethyl)ether	6.85	93	129046	41.25	ng	95
12) 1,3-Dichlorobenzene	7.08	146	141110	37.27	ng	99
13) 1,4-Dichlorobenzene	7.18	146	141177	35.89	ng	99
14) 1,2-Dichlorobenzene	7.37	146	136572	37.87	ng	98
15) Benzyl Alcohol	7.34	79	107534	38.99	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.53	45	168975	40.08	ng	99
17) 2-Methylphenol	7.49	107	111988	40.42	ng	97
18) Hexachloroethane	7.78	117	48584	37.66	ng	96
19) n-Nitroso-di-n-propylamine	7.68	70	90730	37.12	ng	98
20) 3+4-Methylphenols	7.69	107	143010	39.33	ng	97
22) Acetophenone	7.68	105	183560	39.85	ng	# 91
24) Nitrobenzene	7.88	77	135743	39.69	ng	# 81
25) Isophorone	8.18	82	251600	39.24	ng	97
26) 2-Nitrophenol	8.27	139	67229	40.15	ng	92
27) 2,4-Dimethylphenol	8.34	122	128105	42.00	ng	96
28) bis(2-Chloroethoxy)methane	8.46	93	155437	39.94	ng	98
29) 2,4-Dichlorophenol	8.57	162	117856	40.54	ng	96
30) 1,2,4-Trichlorobenzene	8.67	180	121887	37.47	ng	97
31) Naphthalene	8.76	128	399053	37.34	ng	100
32) Benzoic acid	8.45	122	58958	35.51	ng	98
33) 4-Chloroaniline	8.84	127	101474	23.40	ng	96
34) Hexachlorobutadiene	8.92	225	65856	35.72	ng	98
35) Caprolactam	9.26	113	34939	41.12	ng	97
36) 4-Chloro-3-methylphenol	9.45	107	117622	40.21	ng	# 84
37) 2-Methylnaphthalene	9.62	142	268512	37.40	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	117869	37.47	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	111929	71.43	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	82749	37.98	nq	99
43) 2,4,5-Trichlorophenol	10.02	196	88971	37.80	nq	# 86
45) 1,1'-Biphenyl	10.20	154	320664	38.04	nq	98
46) 2-Chloronaphthalene	10.22	162	270827	39.53	nq	96
47) 2-Nitroaniline	10.35	65	70878	41.65	nq	# 77
48) Acenaphthylene	10.73	152	414364	36.37	nq	100
49) Dimethylphthalate	10.60	163	298511	38.16	nq	98
50) 2,6-Dinitrotoluene	10.67	165	68620	42.32	nq	# 75
51) Acenaphthene	10.94	154	238175	36.46	nq	99
52) 3-Nitroaniline	10.86	138	53489	28.41	nq	# 81
53) 2,4-Dinitrophenol	11.00	184	51106	85.21	nq	# 82
54) Dibenzofuran	11.16	168	372232	38.42	nq	95
55) 4-Nitrophenol	11.09	139	120560	86.43	nq	98
56) 2,4-Dinitrotoluene	11.16	165	90938	43.01	nq	83
57) Fluorene	11.58	166	299161	37.19	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	70168	38.71	nq	# 100
59) Diethylphthalate	11.47	149	295202	38.73	nq	96
60) 4-Chlorophenyl-phenylether	11.60	204	137652	37.49	nq	90
61) 4-Nitroaniline	11.62	138	68624	36.57	nq	79
62) Azobenzene	11.79	77	278820	38.28	nq	91
64) 4,6-Dinitro-2-methylphenol	11.66	198	35401	37.41	nq	# 73
65) n-Nitrosodiphenylamine	11.74	169	256971	37.43	nq	99
66) 4-Bromophenyl-phenylether	12.20	248	81353	36.97	nq	# 85
67) Hexachlorobenzene	12.26	284	89595	37.06	nq	# 88
68) Atrazine	12.42	200	78802	40.96	nq	94
69) Pentachlorophenol	12.51	266	93701	74.23	nq	97
70) Phenanthrene	12.77	178	447125	37.78	nq	98
71) Anthracene	12.84	178	456928	39.07	nq	100
72) Carbazole	13.05	167	431591	38.80	nq	99
73) Di-n-butylphthalate	13.51	149	469592	37.65	nq	99
74) Fluoranthene	14.25	202	485021	37.15	nq	95
76) Benzidine	14.43	184	171400m	33.05	nq	
77) Pyrene	14.53	202	528117m	40.16	nq	
79) Butylbenzylphthalate	15.37	149	205211	39.58	nq	97
80) Benzo(a)anthracene	16.03	228	487606	39.33	nq	99
81) 3,3'-Dichlorobenzidine	16.01	252	122545	29.97	nq	99
82) Chrysene	16.08	228	447680	40.16	nq	99
83) Bis(2-ethylhexyl)phthalate	16.10	149	292521	37.25	nq	99
84) Di-n-octyl phthalate	16.91	149	481236m	35.84	nq	
85) Indeno(1,2,3-cd)pyrene	19.22	276	506561m	36.41	nq	
87) Benzo(b)fluoranthene	17.36	252	461346m	36.00	nq	
88) Benzo(k)fluoranthene	17.39	252	467012m	46.65	nq	
89) Benzo(a)pyrene	17.75	252	446113	41.72	nq	98
90) Dibenzo(a,h)anthracene	19.24	278	421187m	39.71	nq	
91) Benzo(g,h,i)perylene	19.63	276	443431m	41.07	nq	

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

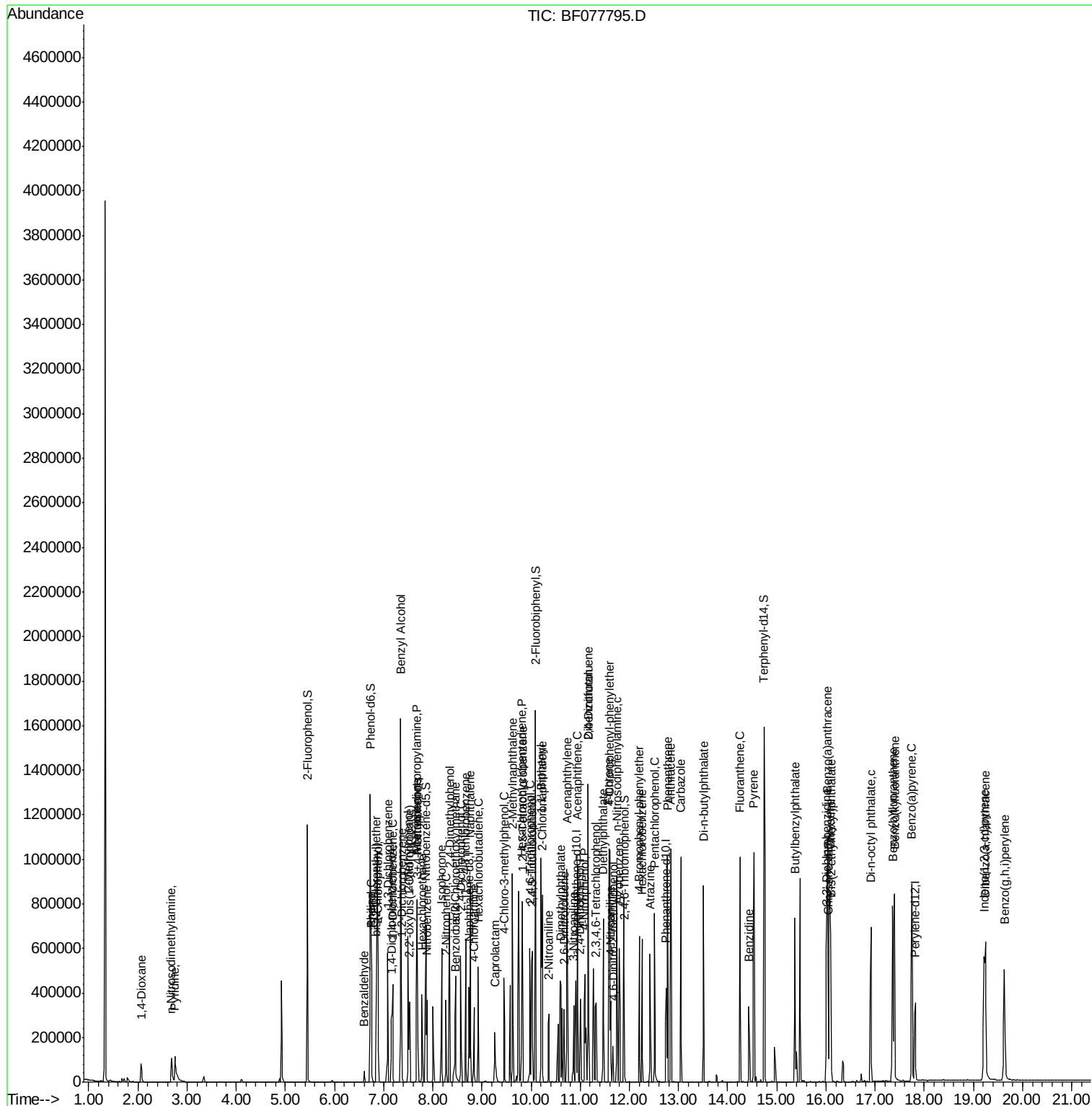
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077795.D
Acq On : 18 Mar 2015 11:46
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ALS Vial : 7 Sample Multiplier: 1

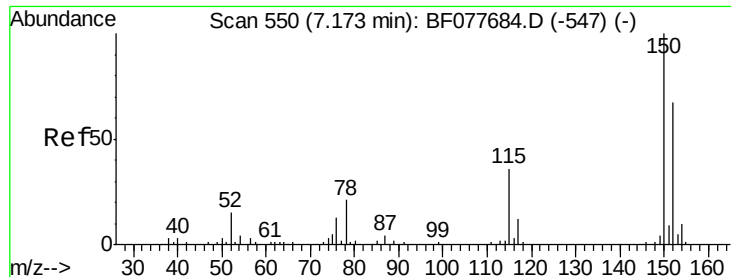
Instrument :
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ClientSampleID :
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#1

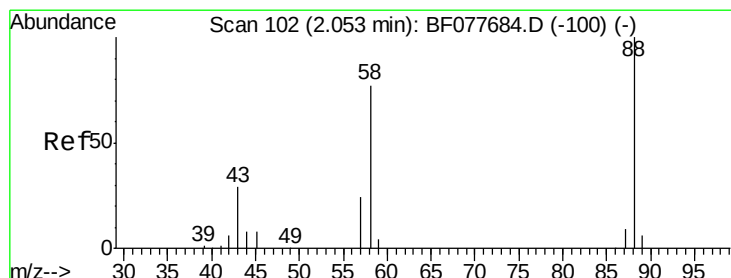
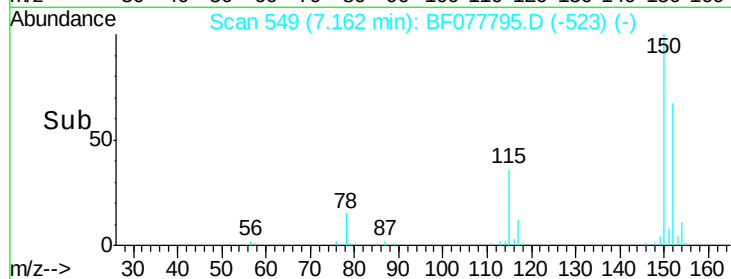
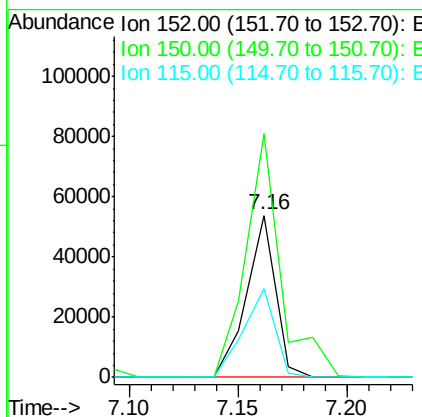
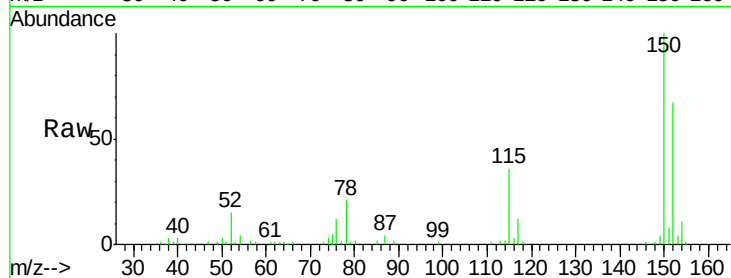
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	119.5	179.3
115	54.5	43.0	64.4

Manual Integrations
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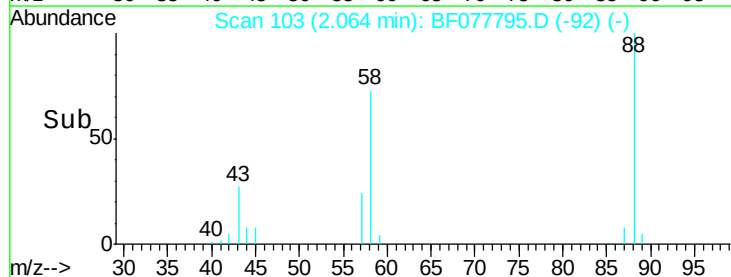
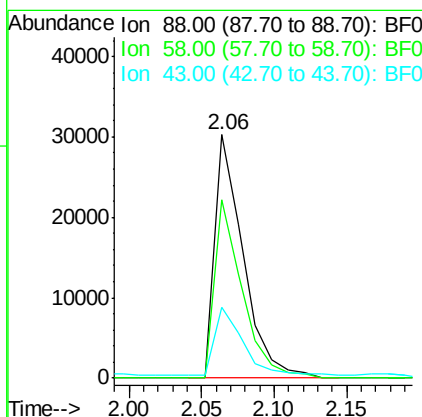
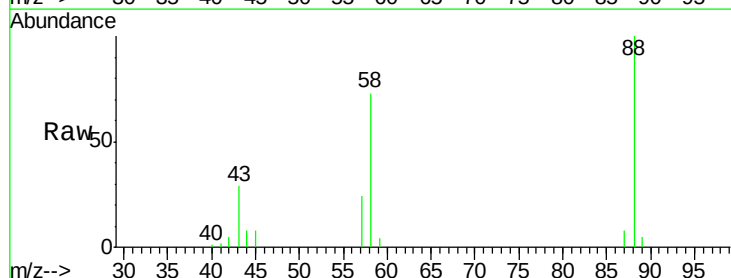
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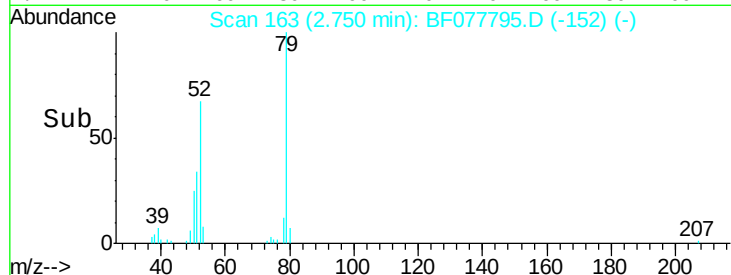
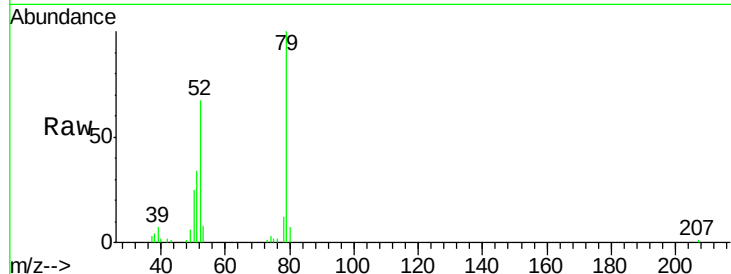
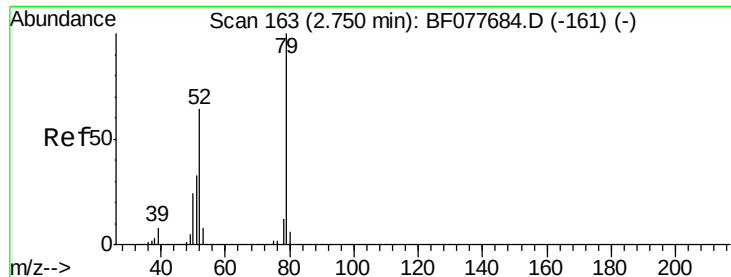


#2

1,4-Dioxane
Concen: 31.63 ng
RT: 2.06 min Scan# 103
Delta R.T. 0.02 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	0.0	0.0#
43	28.4	0.0	0.0#





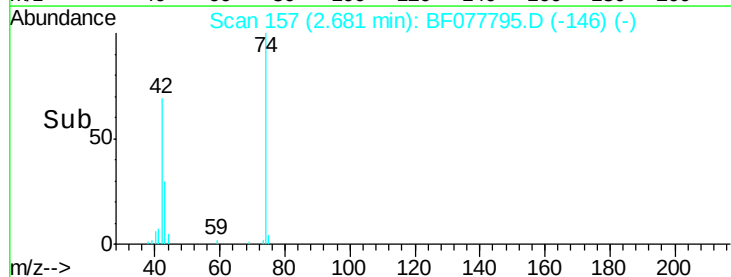
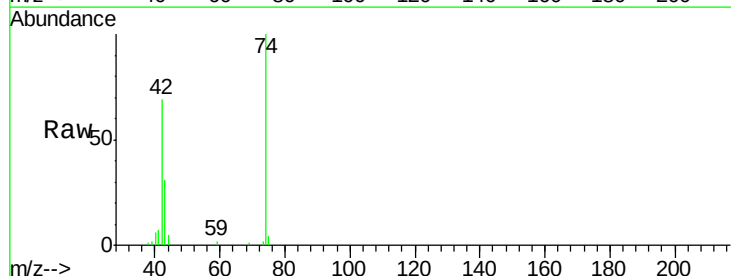
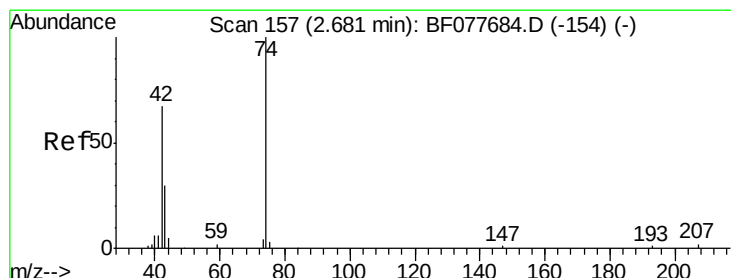
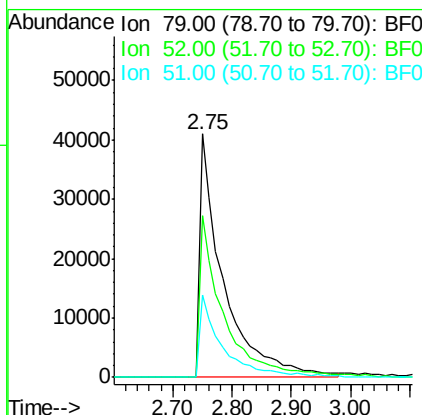
#3
Pvridine
Concen: 32.86 ng
RT: 2.75 min Scan# 163
Delta R.T. 0.02 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	66.6	51.1	76.7		
51	33.7	26.1	39.1		

Instrument :
BNA_F
ClientSampleId :
PB82120BS

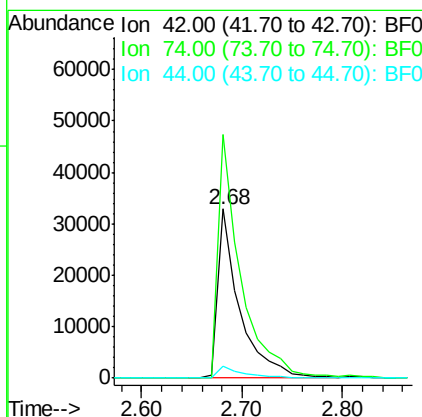
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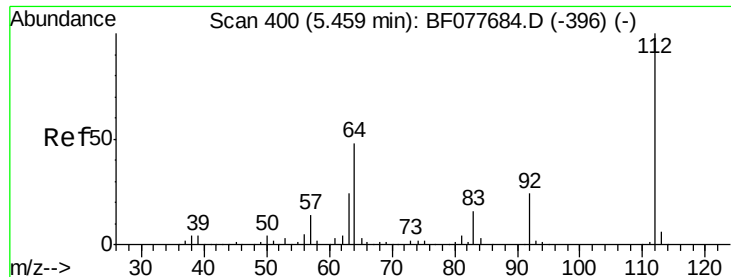
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#4
n-Nitrosodimethylamine
Concen: 32.48 ng
RT: 2.68 min Scan# 157
Delta R.T. 0.02 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	144.2	119.3	178.9		
44	6.8	5.4	8.2		





#5

2-Fluorophenol

Concen: 134.52 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Instrument :

BNA_F

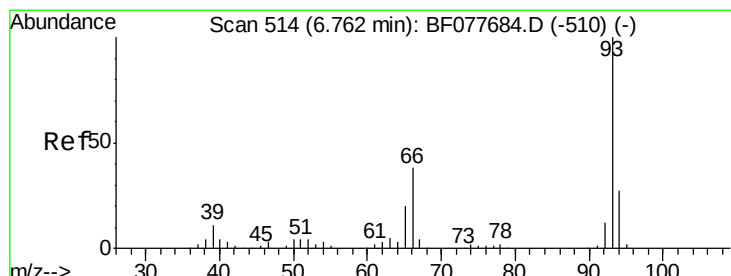
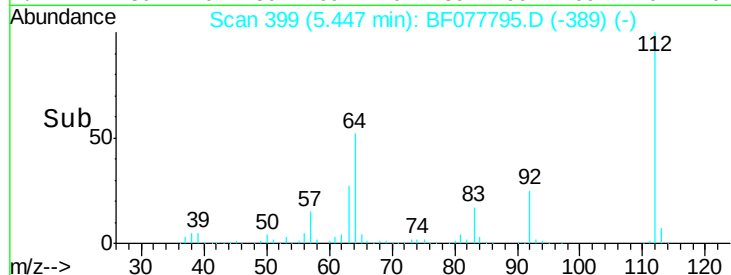
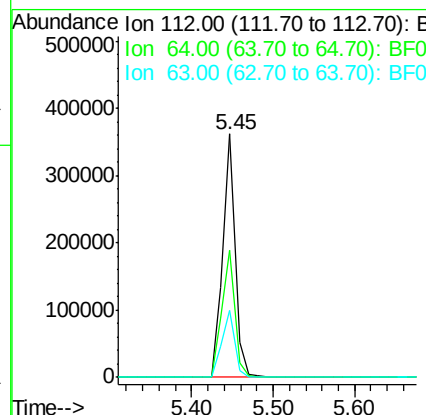
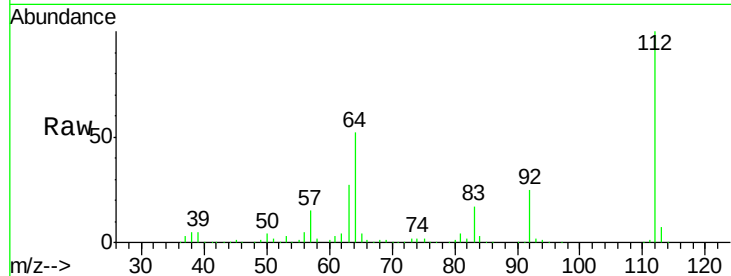
ClientSampleId :

PB82120BS

Tot Ion:	112	Resp:	384658
Ion Ratio	Lower	Upper	
112	100		
64	52.2	38.6	57.8
63	27.3	19.3	28.9

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#6

Aniline

Concen: 21.90 ng

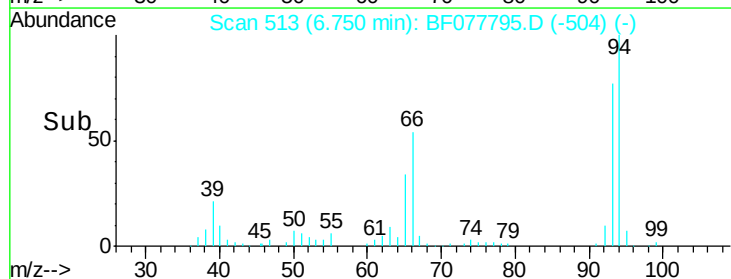
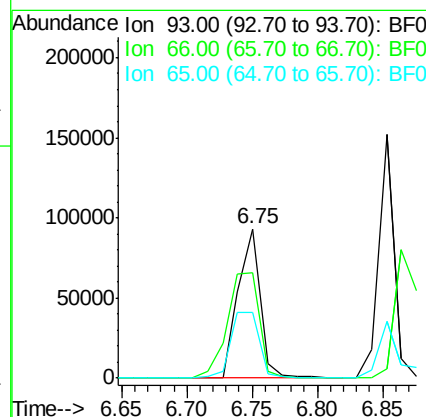
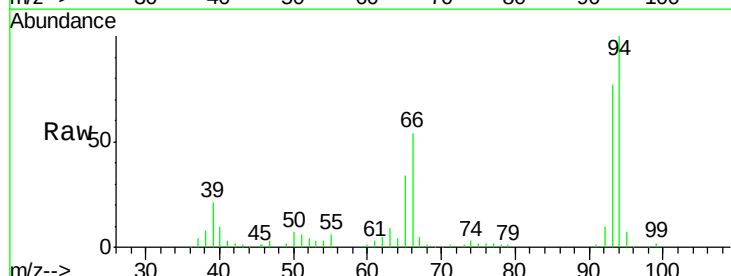
RT: 6.75 min Scan# 513

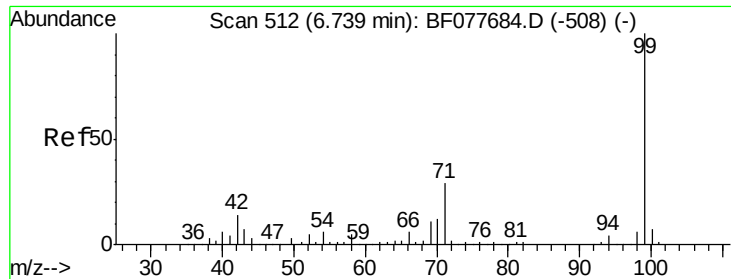
Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Tgt Ion:	93	Resp:	110668
Ion Ratio	Lower	Upper	
93	100		
66	70.3	30.8	46.2#
65	44.0	16.0	24.0#





#7

Phenol-d6

Concen: 133.93 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Instrument :

BNA_F

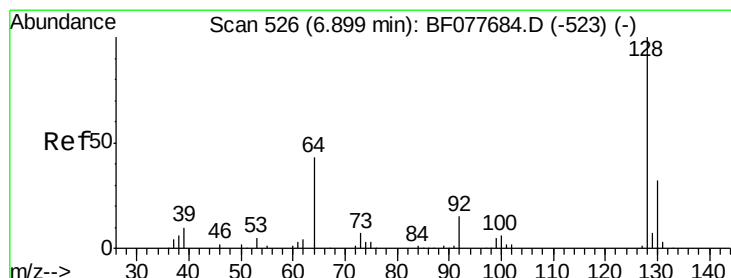
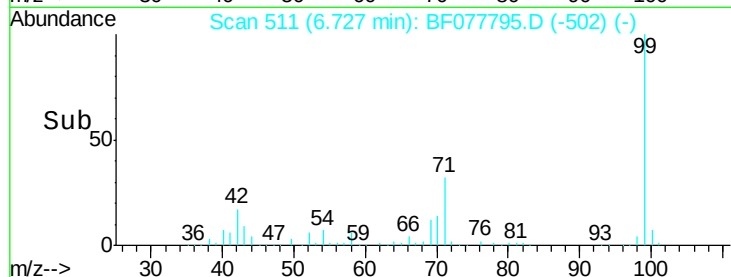
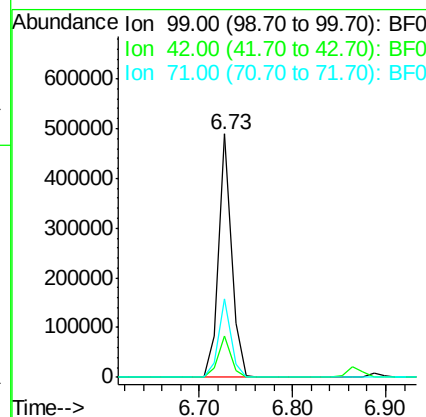
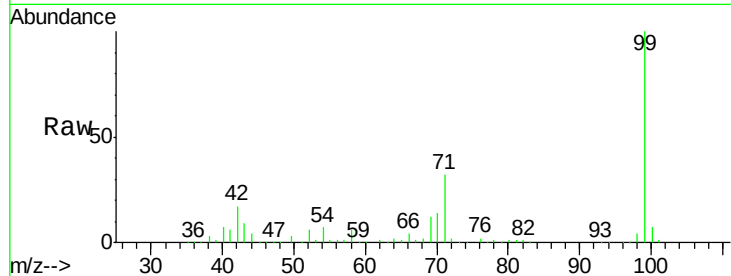
ClientSampleId :

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Tot Ion:	99	Resp:	473151
Ion Ratio	Lower	Upper	
99	100		
42	17.0	11.0	16.4#
71	32.4	23.4	35.2

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#8

2-Chlorophenol

Concen: 40.58 ng

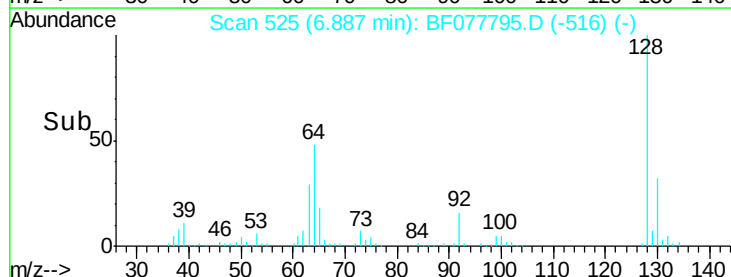
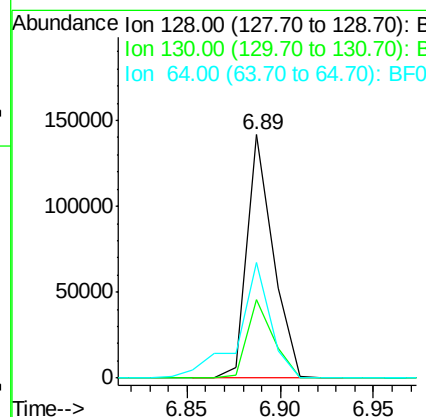
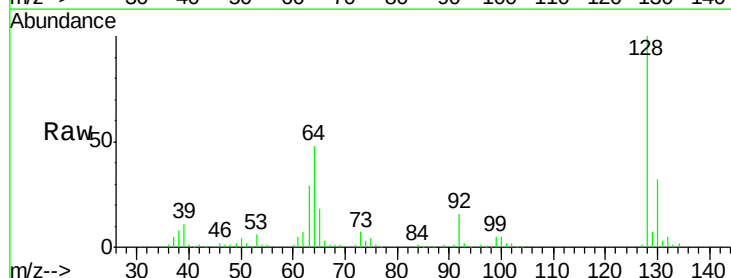
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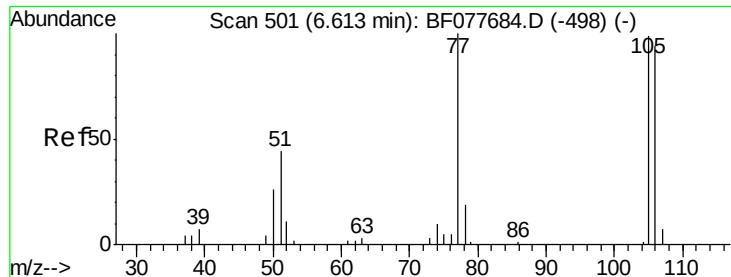
Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Tgt Ion:	128	Resp:	138132
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.0	52.0
64	47.6	24.9	64.9





#9

Benzaldehyde

Concen: 9.19 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Instrument :

BNA_F

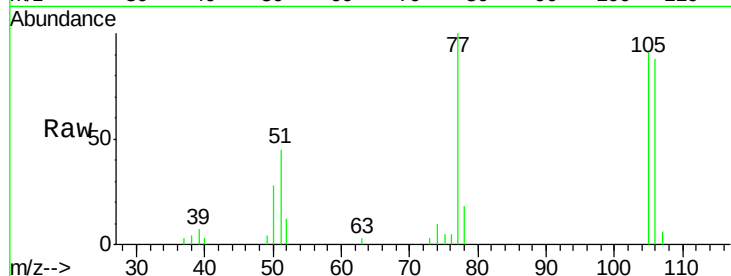
ClientSampleId :

PB82120BS

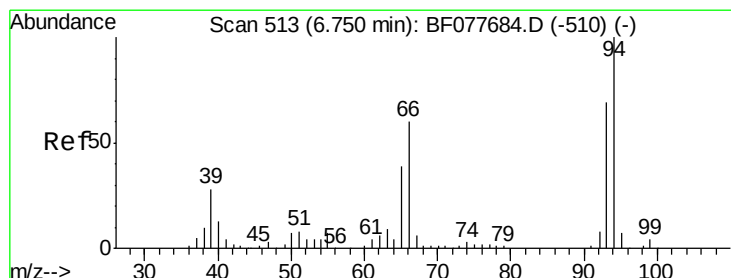
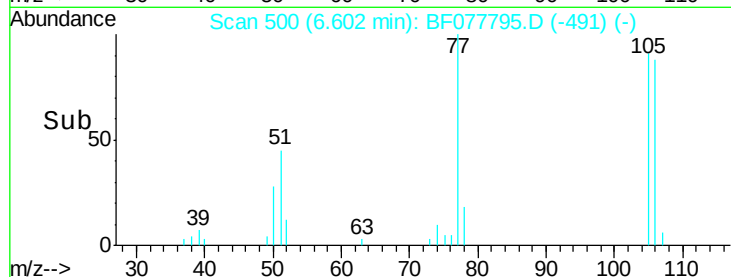
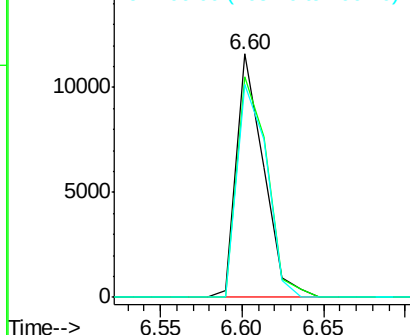
Manual Integrations
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Tot Ion:	77	Resp:	13301
Ion	Ratio	Lower	Upper
77	100		
105	90.7	78.8	118.8
106	87.6	73.7	113.7



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: 39.15 ng

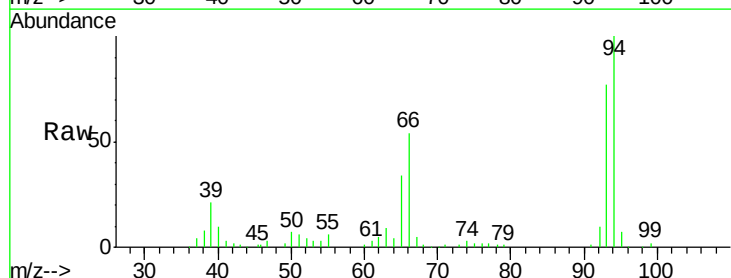
RT: 6.75 min Scan# 513

Delta R.T. 0.01 min

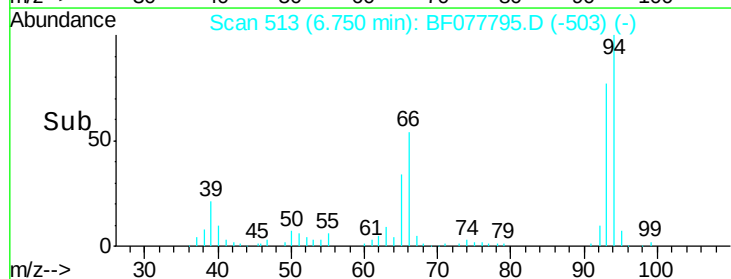
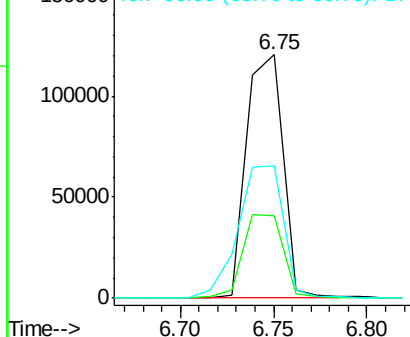
Lab File: BF077795.D

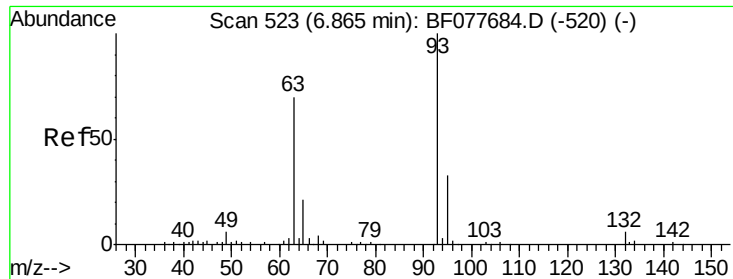
Acq: 18 Mar 2015 11:46

Tgt Ion:	94	Resp:	163502
Ion	Ratio	Lower	Upper
94	100		
65	34.0	18.8	58.8
66	54.3	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: 41.25 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Instrument :

BNA_F

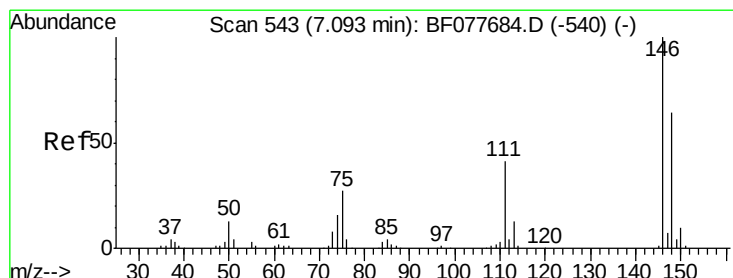
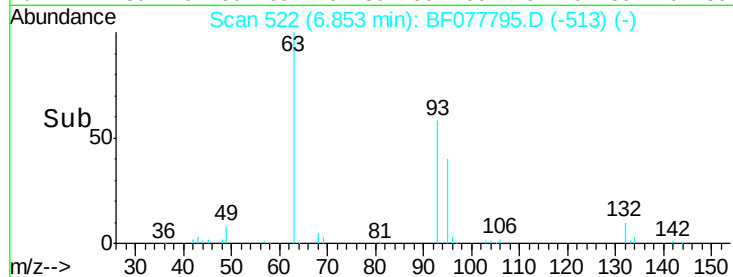
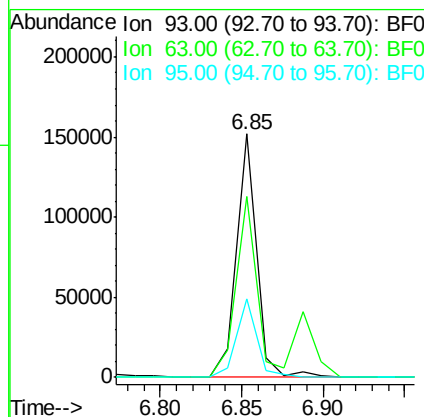
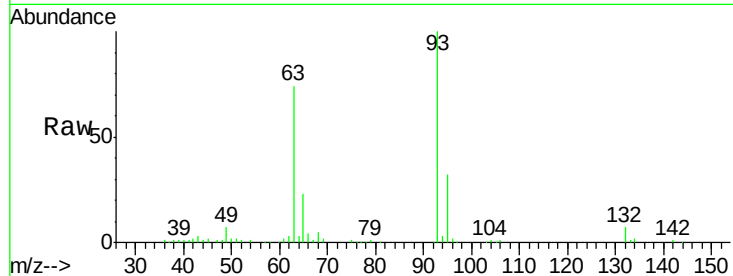
ClientSampleId :

PB82120BS

Tot Ion:	93	Resp:	129046
Ion Ratio	Lower	Upper	
93	100		
63	74.4	49.5	89.5
95	32.1	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 37.27 ng

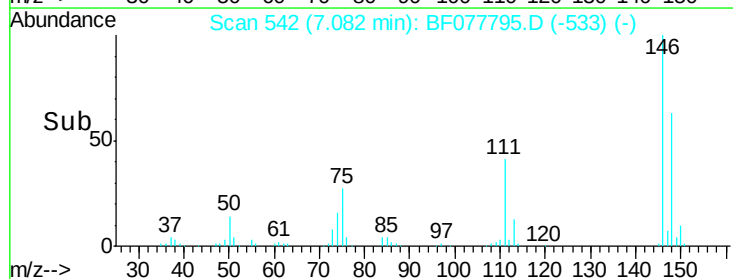
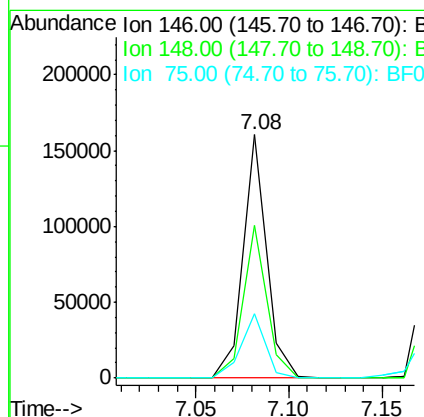
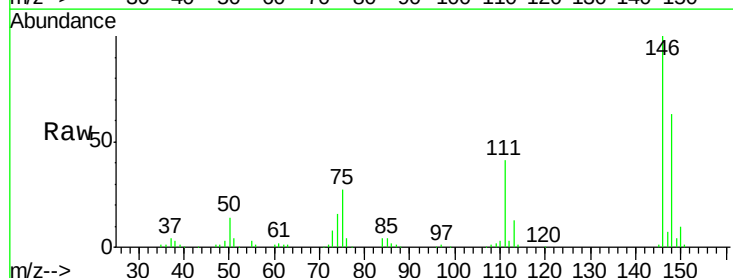
RT: 7.08 min Scan# 542

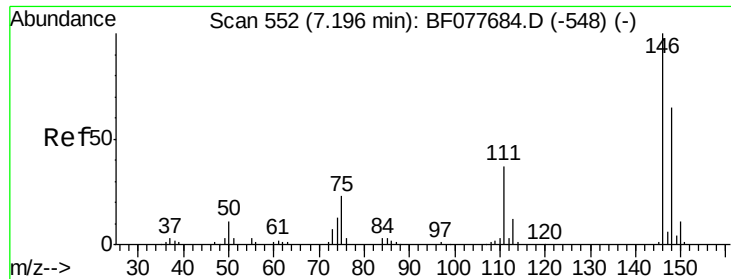
Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Tgt Ion:	146	Resp:	141110
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.9	76.3
75	26.7	21.4	32.2





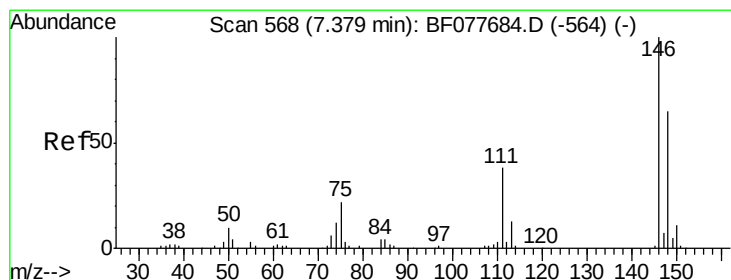
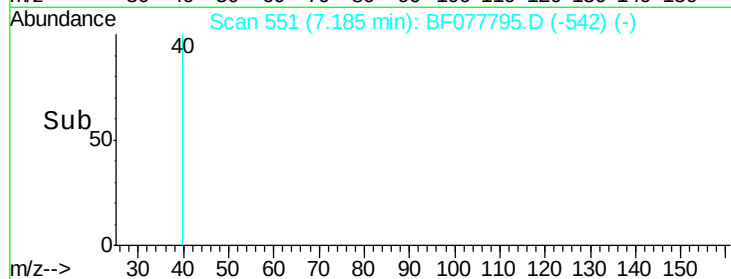
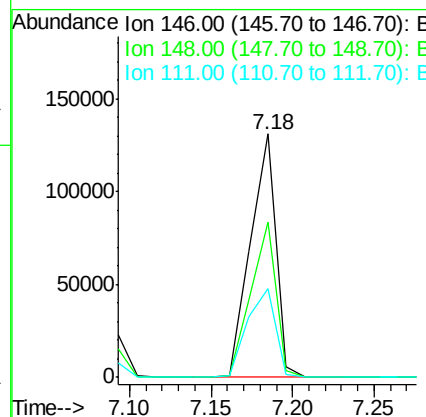
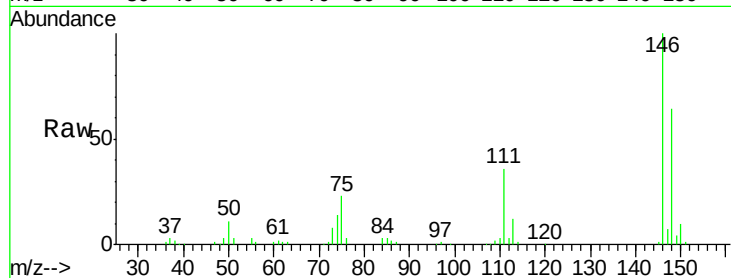
#13
 1,4-Dichlorobenzene
 Concen: 35.89 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
111	36.3	29.2	43.8

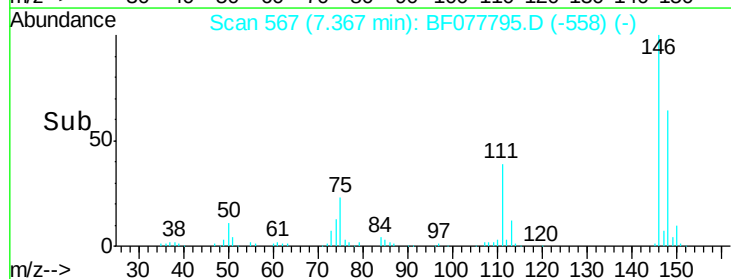
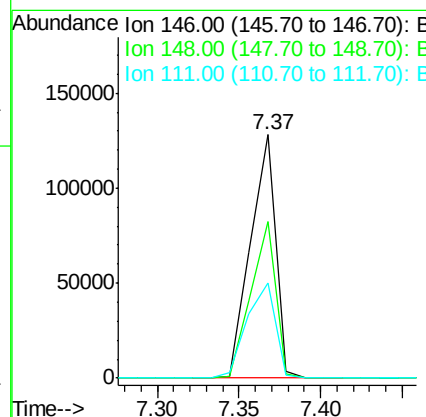
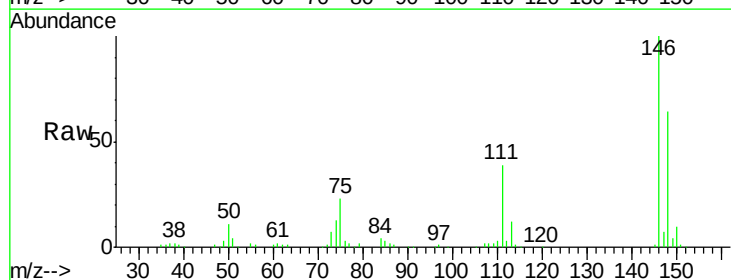
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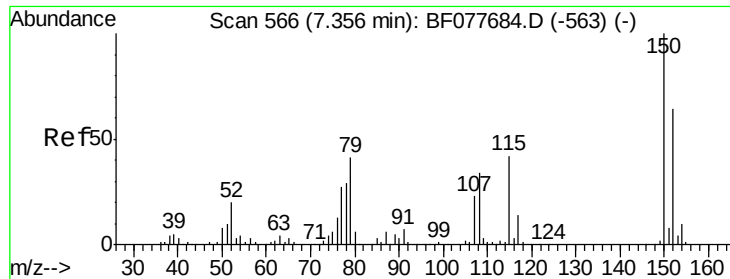
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#14
 1,2-Dichlorobenzene
 Concen: 37.87 ng
 RT: 7.37 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	39.0	30.6	45.8





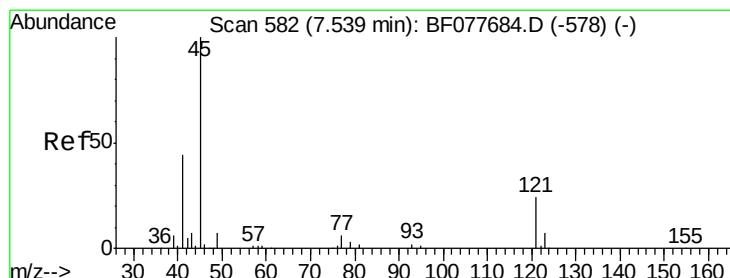
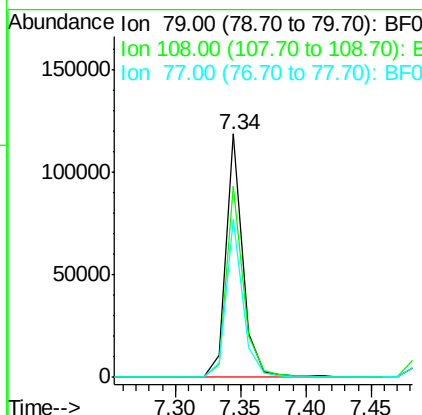
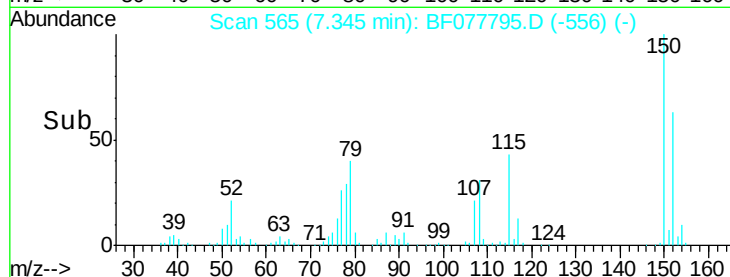
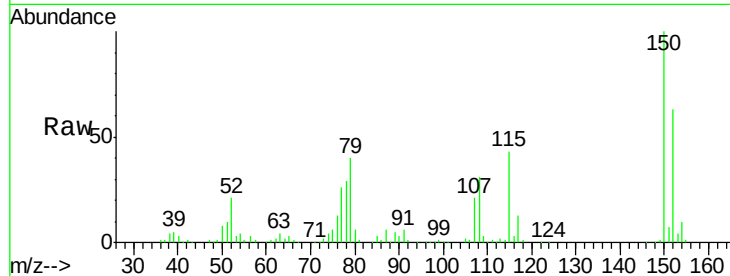
#15
Benzyl Alcohol
Concen: 38.99 ng
RT: 7.34 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	65.0	97.4
77	64.8	53.0	79.6

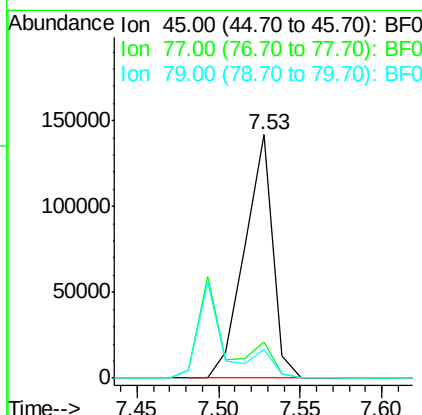
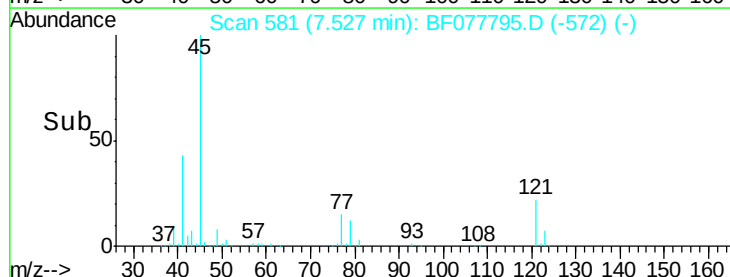
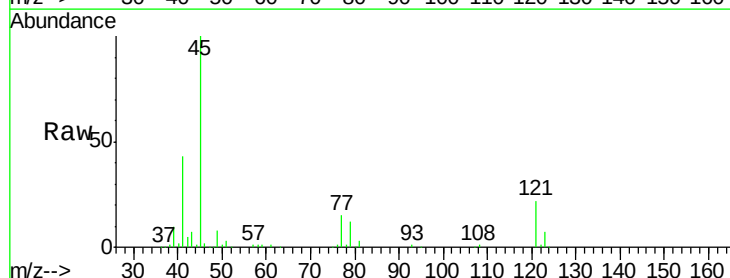
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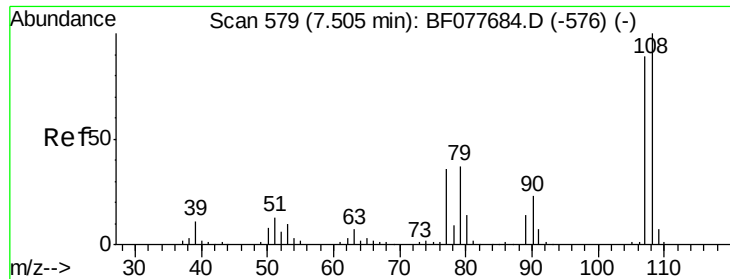
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.08 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.2
79	11.8	0.0	32.0





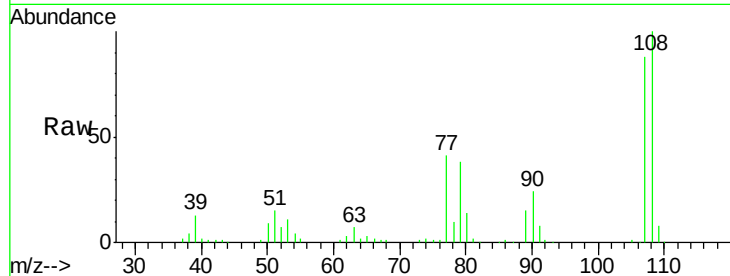
#17
2-Methylphenol
Concen: 40.42 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

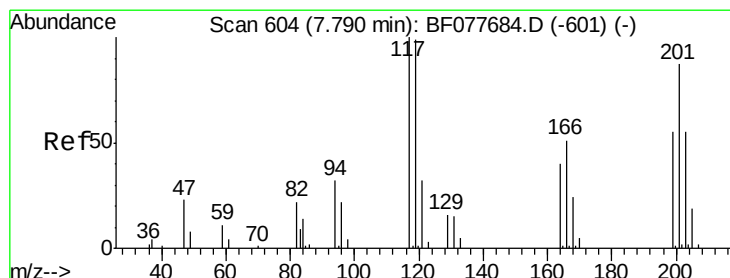
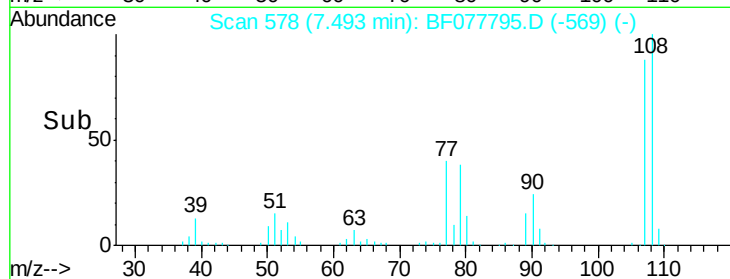
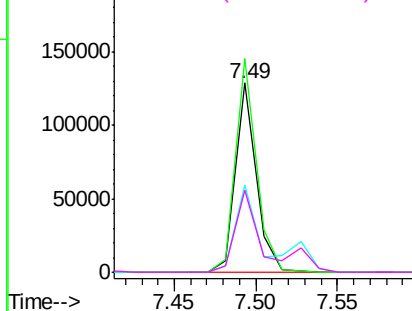
Tot Ion:	107	Resp:	111988
Ion Ratio	Lower	Upper	
107	100		
108	113.1	89.8	134.8
77	45.8	32.6	48.8
79	43.5	32.8	49.2

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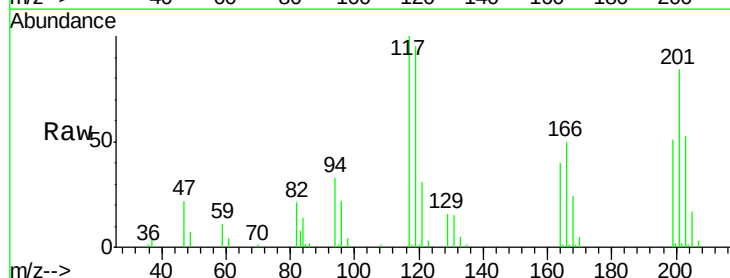


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

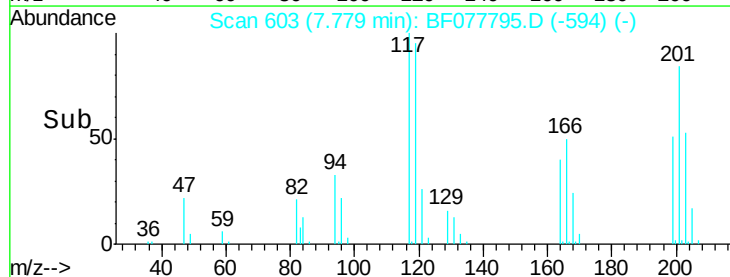
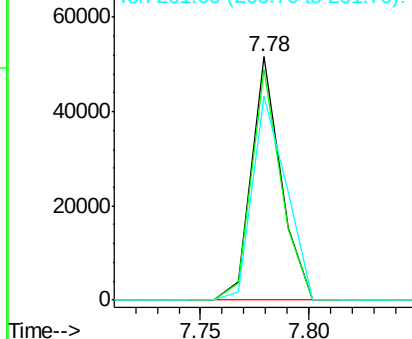


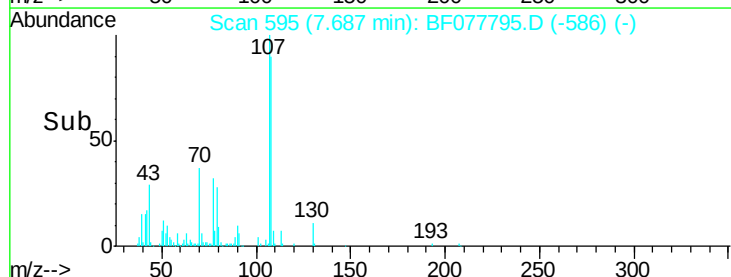
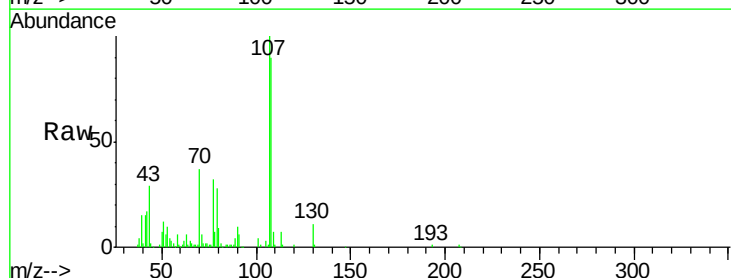
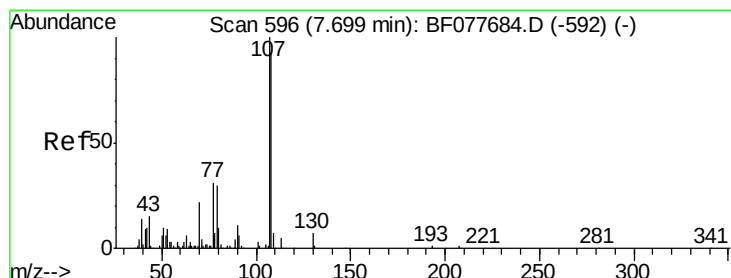
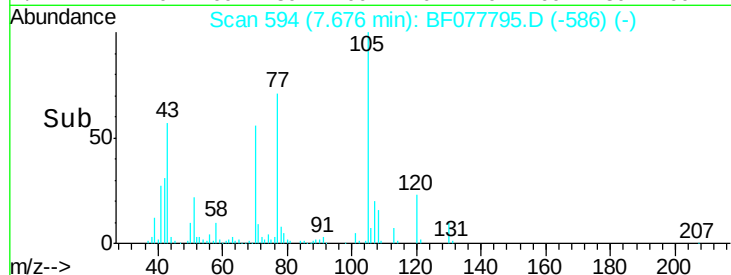
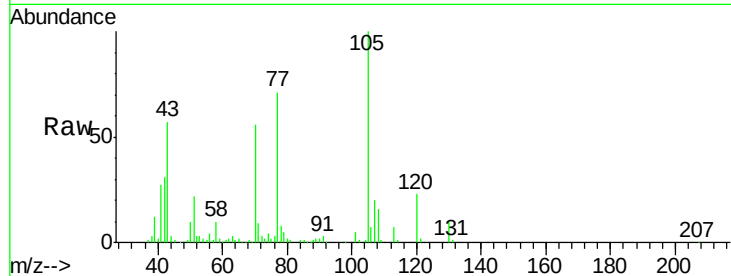
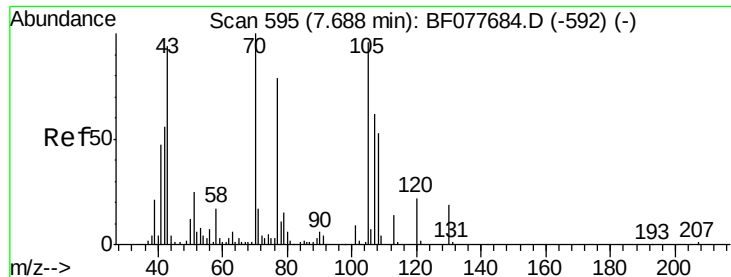
#18
Hexachloroethane
Concen: 37.66 ng
RT: 7.78 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion:	117	Resp:	48584
Ion Ratio	Lower	Upper	
117	100		
119	95.0	79.2	118.8
201	83.8	69.8	104.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

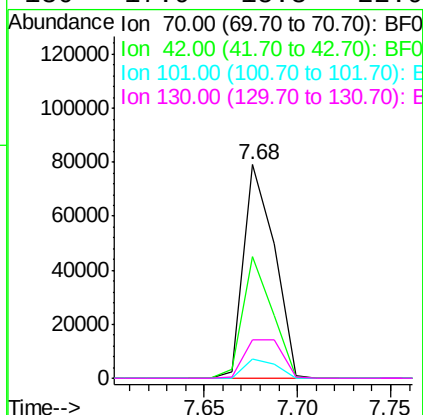




#19
n-Nitroso-di-n-propylamine
Concen: 37.12 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.7	44.5	66.7	
101	9.1	7.4	11.2	
130	17.9	15.3	22.9	

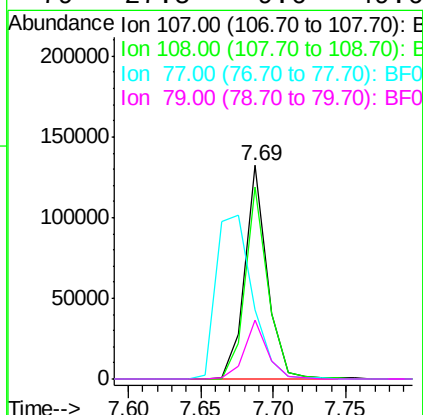


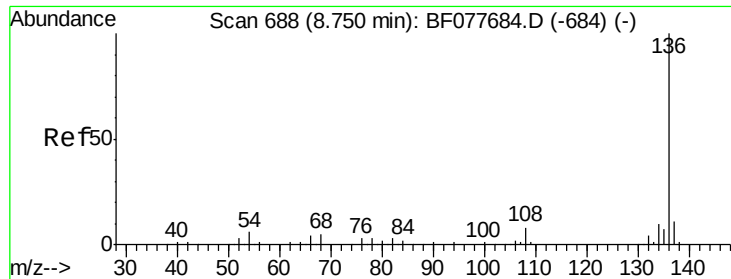
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#20
3+4-Methylphenols
Concen: 39.33 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	73.2	113.2	
77	32.5	10.7	50.7	
79	27.5	9.6	49.6	





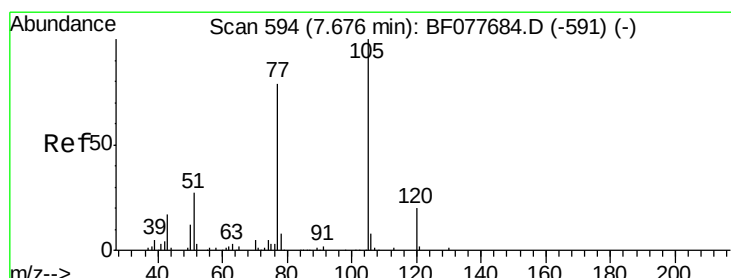
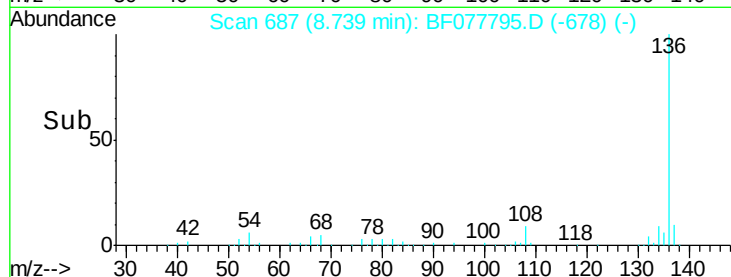
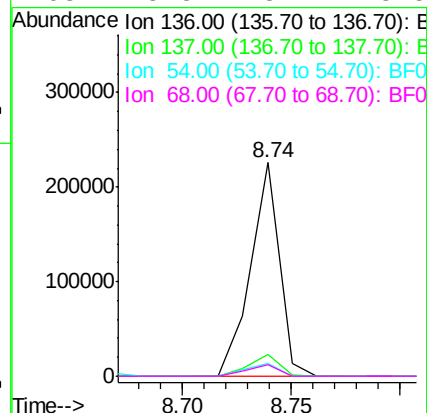
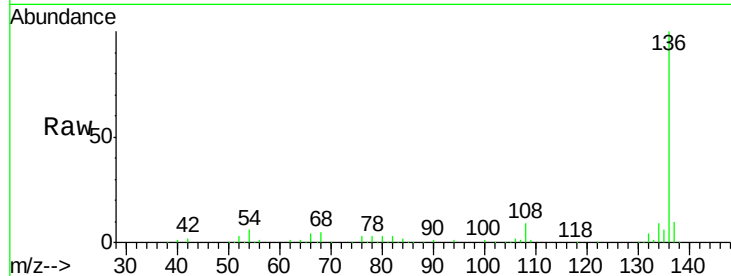
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	208090		
137	10.4	8.7	13.1	
54	6.1	4.6	6.8	
68	5.3	3.7	5.5	

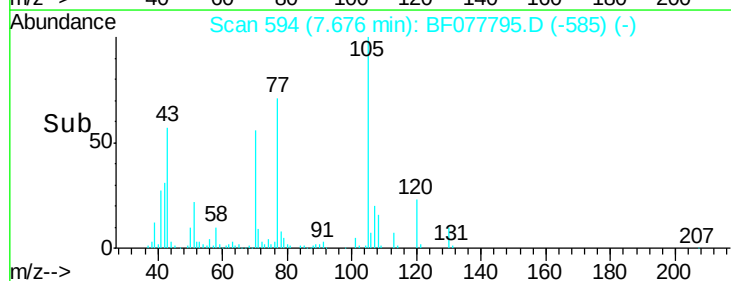
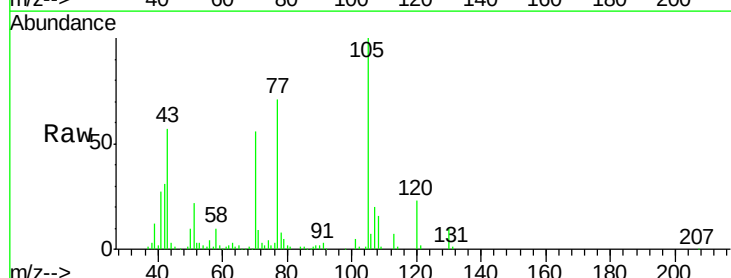
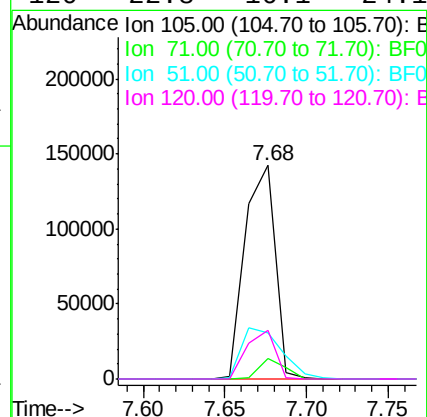
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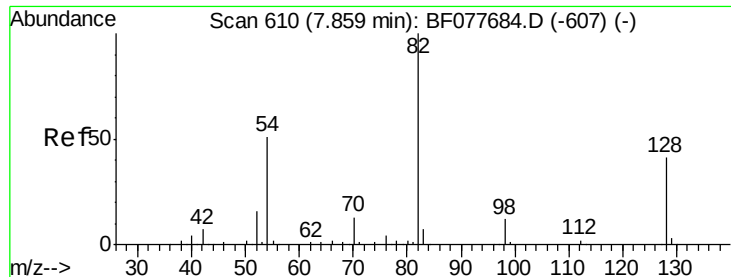
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#22
Acetophenone
Concen: 39.85 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	183560		
71	9.4	0.6	1.0#	
51	21.6	21.6	32.4	
120	22.8	16.1	24.1	





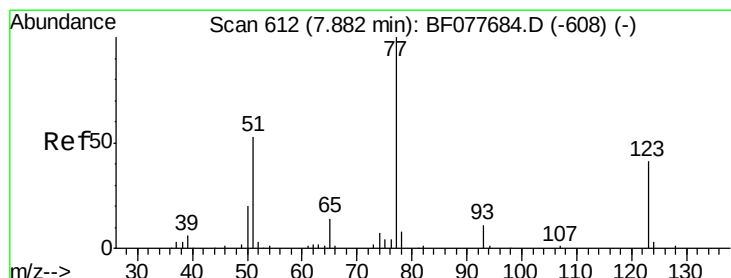
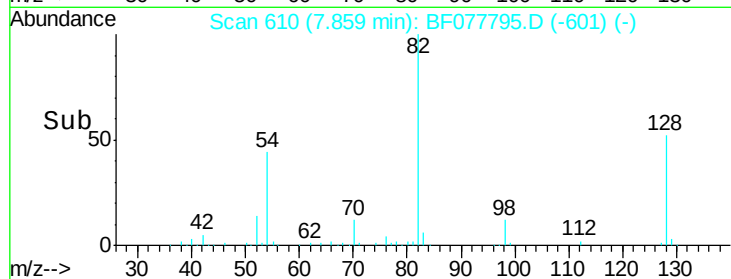
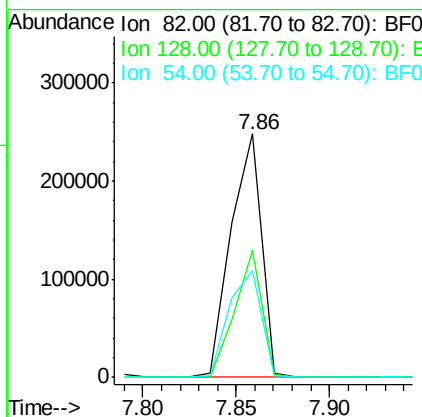
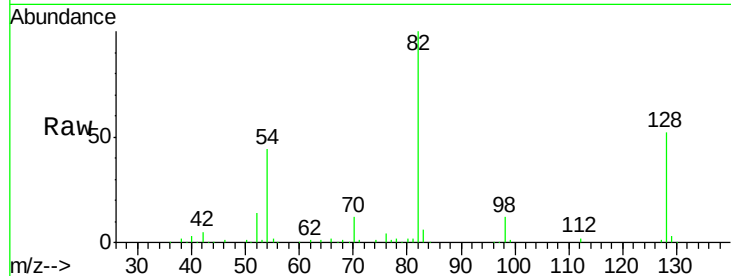
#23
 Nitrobenzene-d5
 Concen: 89.80 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	285082		
128	52.0		32.8	49.2#
54	44.0		40.6	60.8

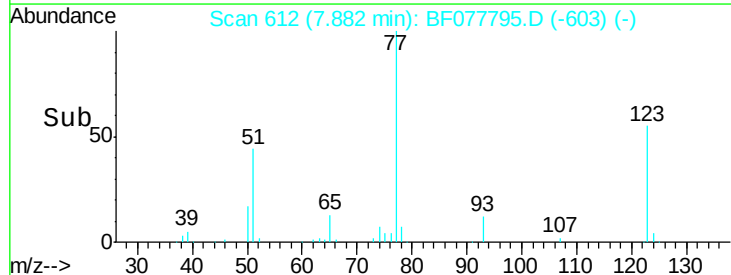
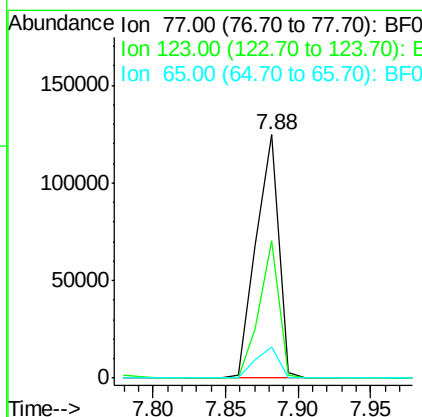
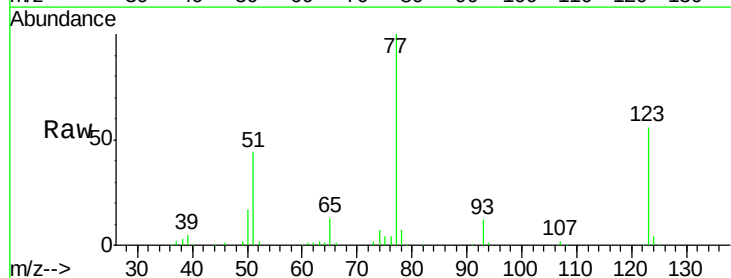
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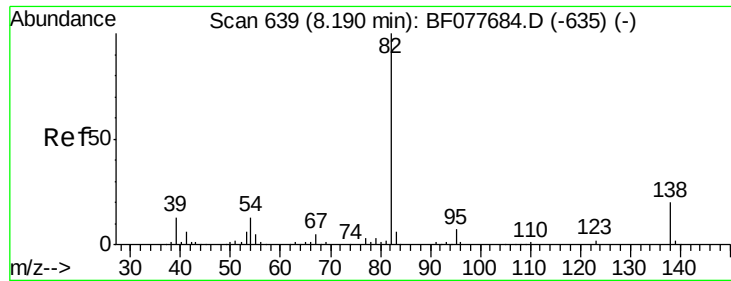
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#24
 Nitrobenzene
 Concen: 39.69 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	135743		
123	56.3		32.6	49.0#
65	12.8		10.9	16.3





#25

Isophorone

Concen: 39.24 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Instrument :

BNA_F

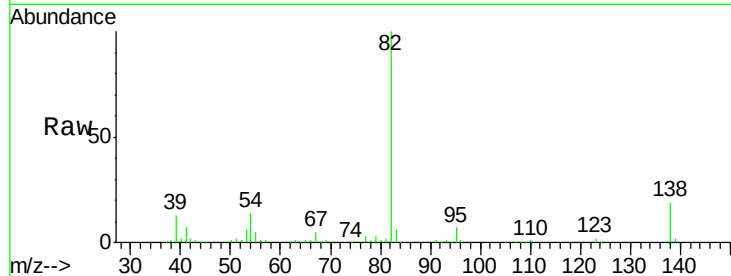
ClientSampleId :

PB82120BS

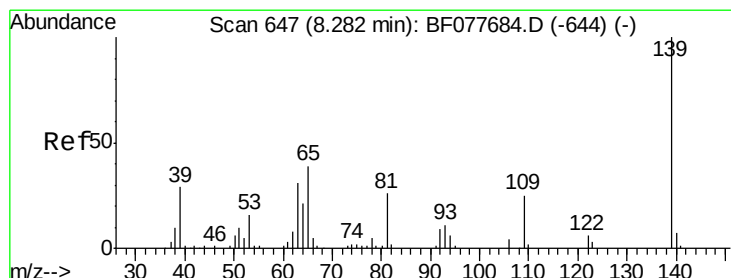
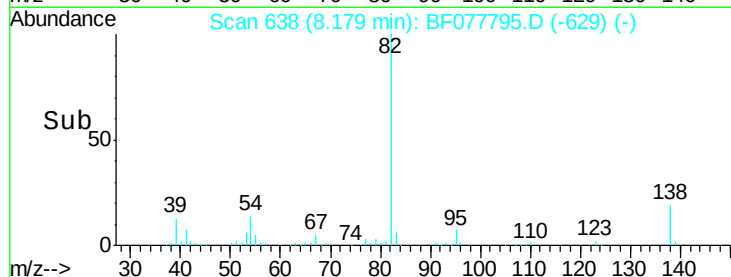
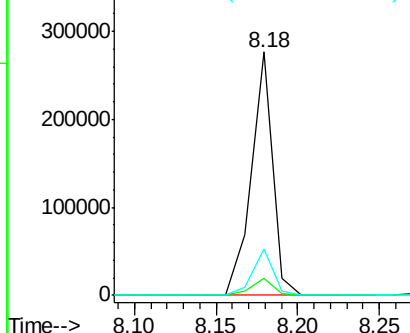
Tot Ion:	82	Resp:	251600
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.8	8.6
138	18.9	16.3	24.5

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



#26

2-Nitrophenol

Concen: 40.15 ng

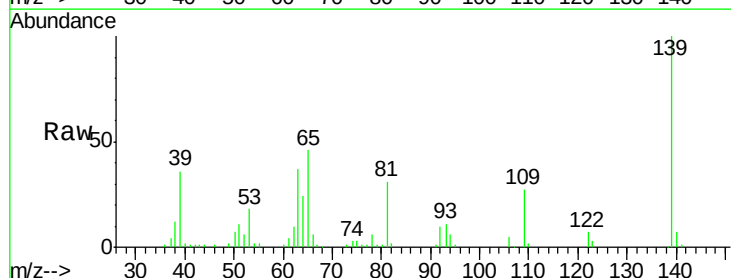
RT: 8.27 min Scan# 646

Delta R.T. -0.00 min

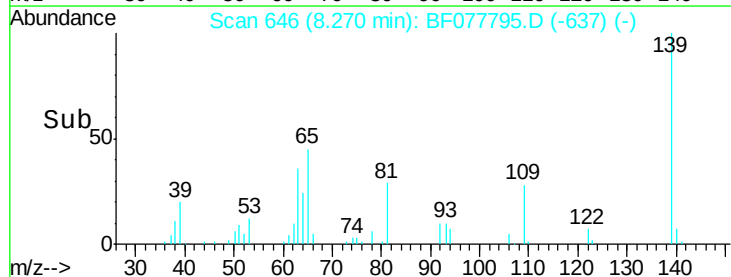
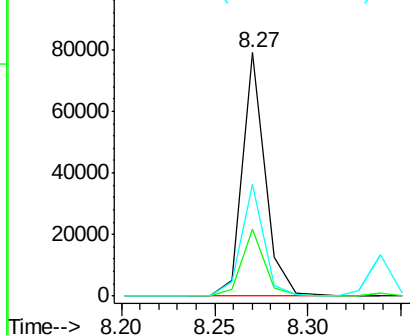
Lab File: BF077795.D

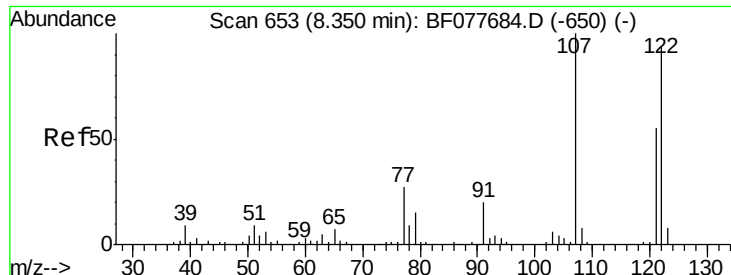
Acq: 18 Mar 2015 11:46

Tgt Ion:	139	Resp:	67229
Ion Ratio		Lower	Upper
139	100		
109	27.4	20.1	30.1
65	45.7	31.5	47.3



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





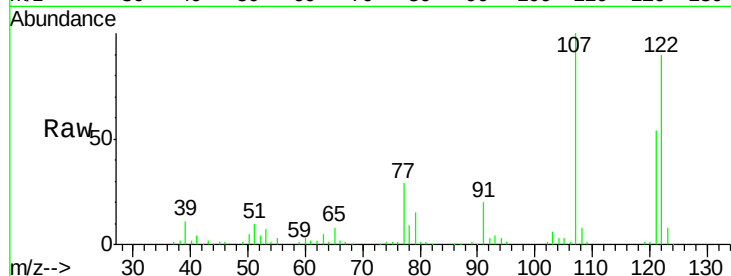
#27
 2,4-Dimethylphenol
 Concen: 42.00 ng
 RT: 8.34 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

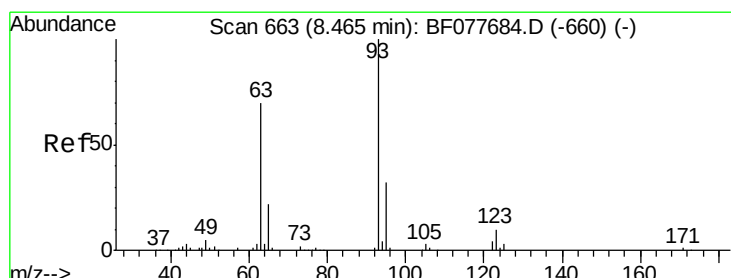
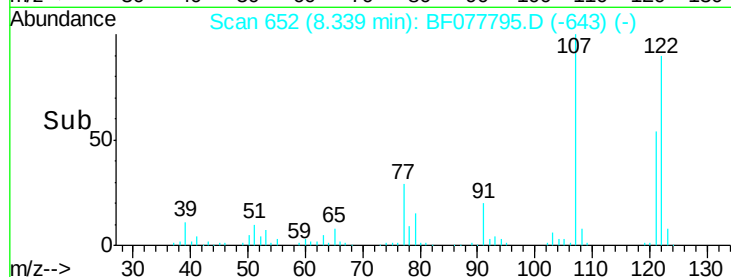
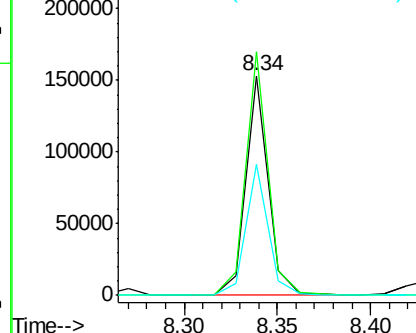
Tot Ion	Ratio	Resp	Lower	Upper
122	100	128105		
107	110.9	84.7	127.1	
121	59.7	46.6	69.8	

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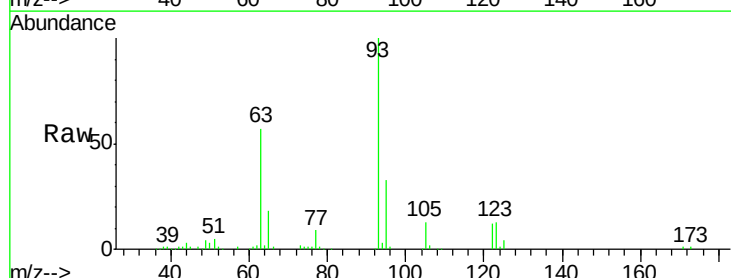


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

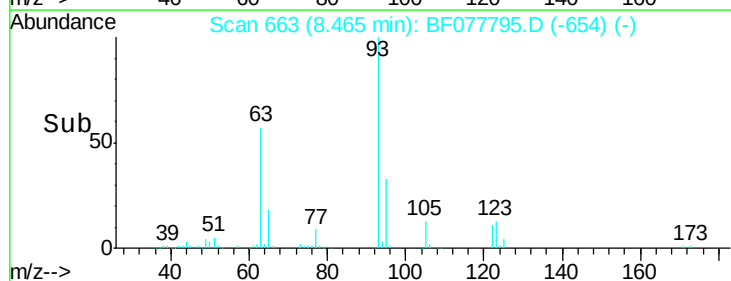
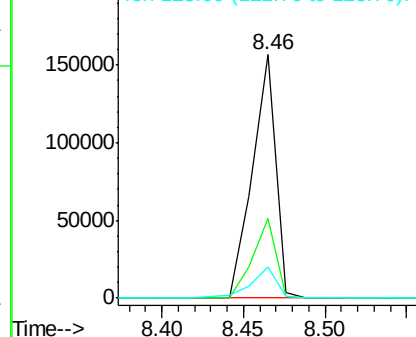


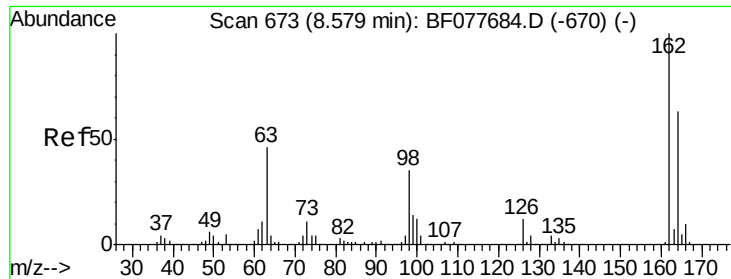
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.94 ng
 RT: 8.46 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	155437		
95	32.6	25.5	38.3	
123	12.6	8.6	13.0	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





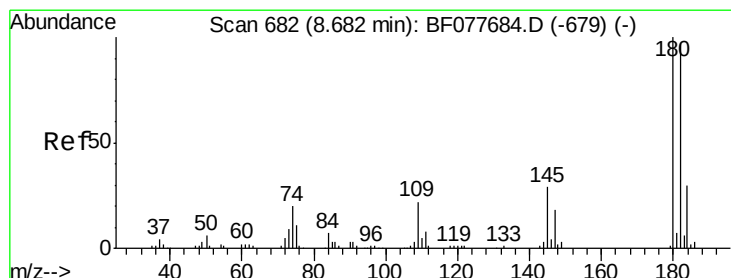
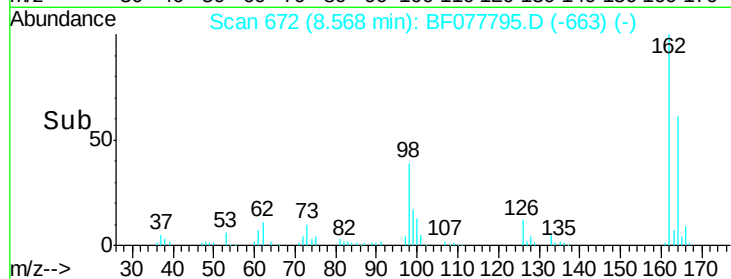
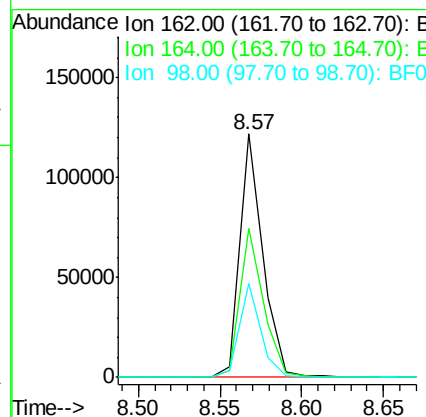
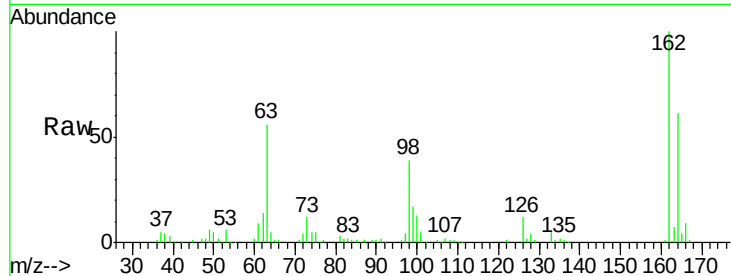
#29
 2,4-Dichlorophenol
 Concen: 40.54 ng
 RT: 8.57 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	61.0	42.8	82.8		
98	38.7	14.5	54.5		

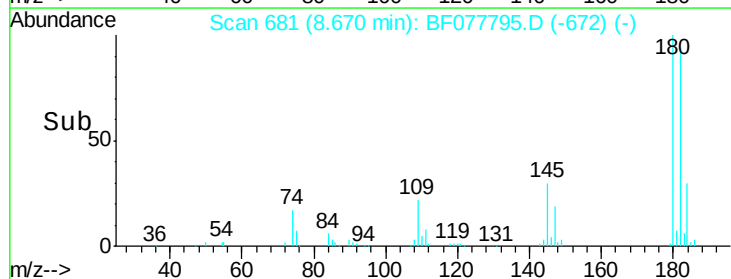
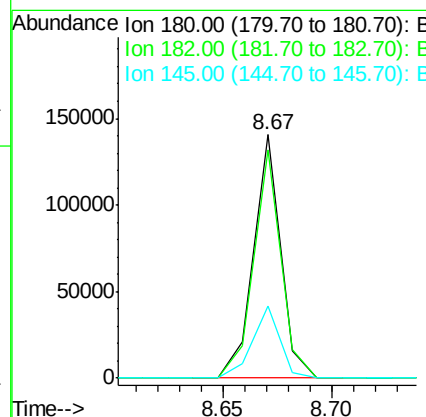
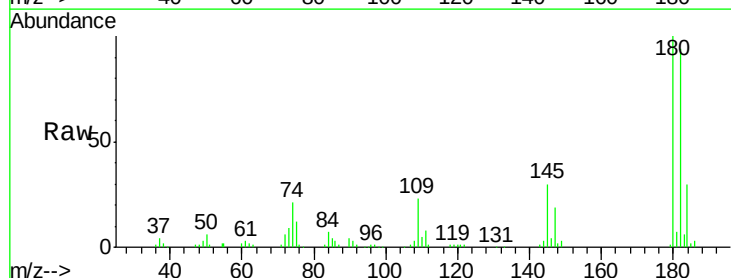
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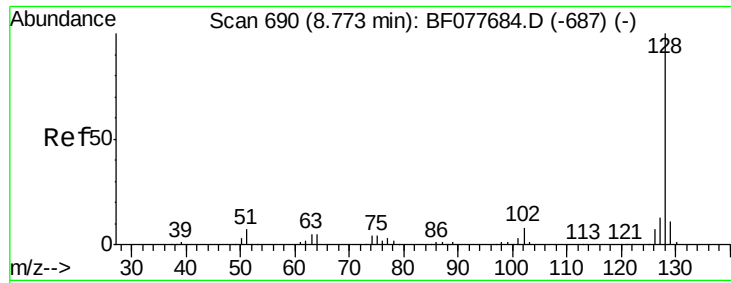
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.47 ng
 RT: 8.67 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	93.9	77.6	116.4		
145	29.7	23.4	35.2		





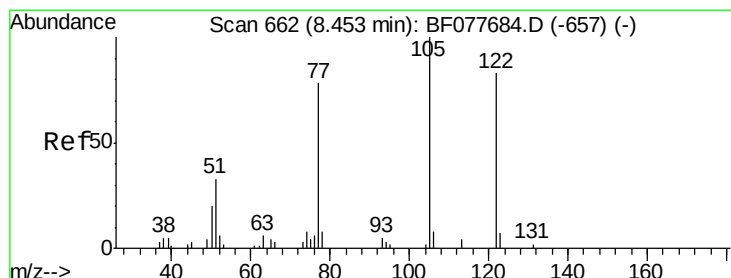
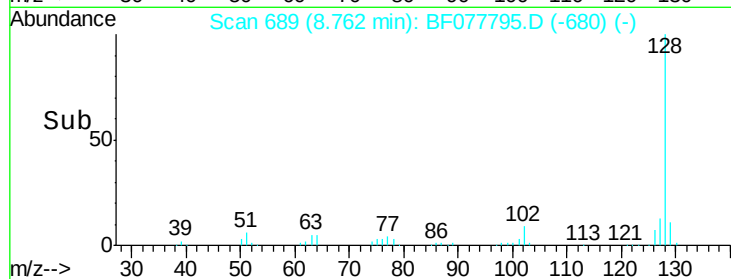
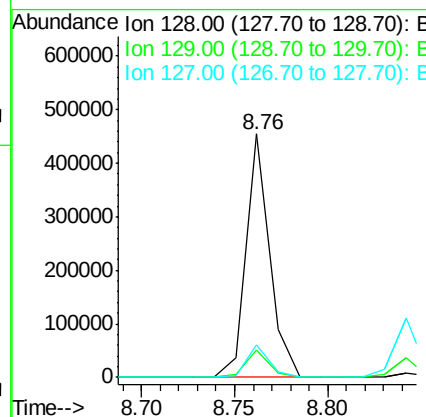
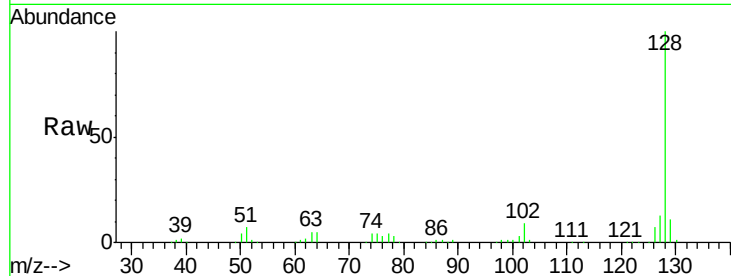
#31
Naphthalene
Concen: 37.34 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	399053		
129	11.3	8.9	13.3	
127	13.1	10.4	15.6	

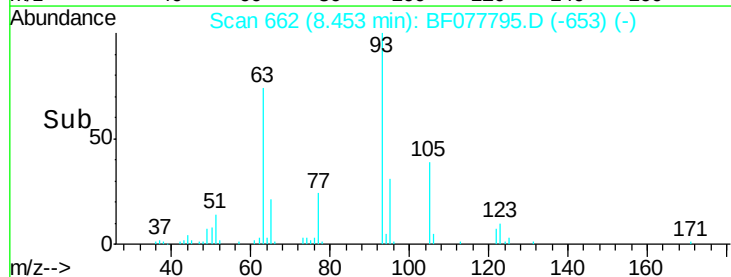
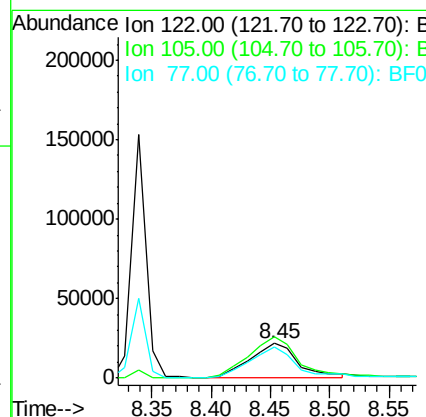
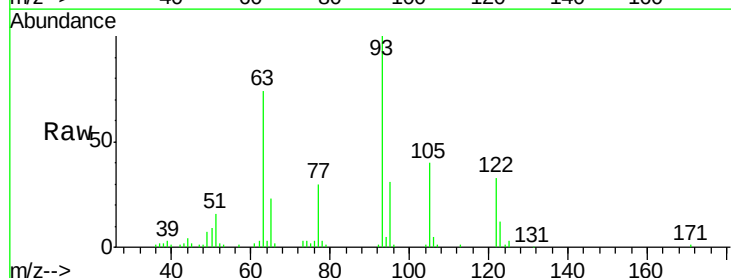
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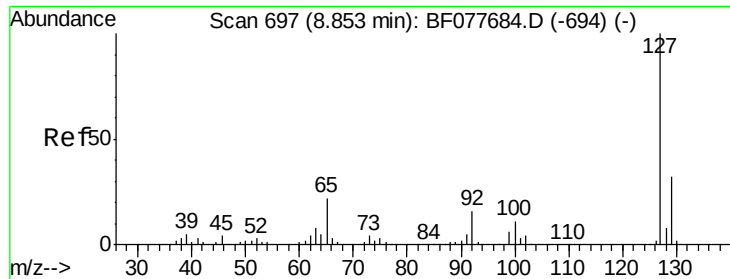
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#32
Benzoic acid
Concen: 35.51 ng
RT: 8.45 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	58958		
105	119.7	99.9	139.9	
77	89.8	73.7	113.7	





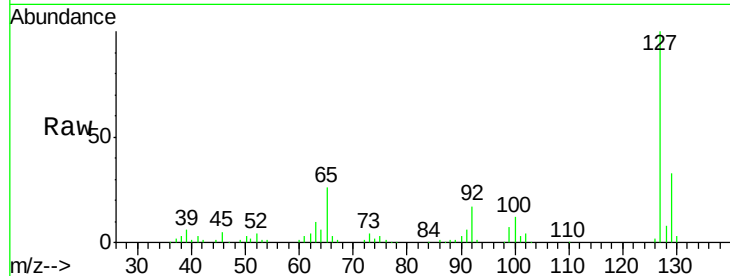
#33
4-Chloroaniline
Concen: 23.40 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

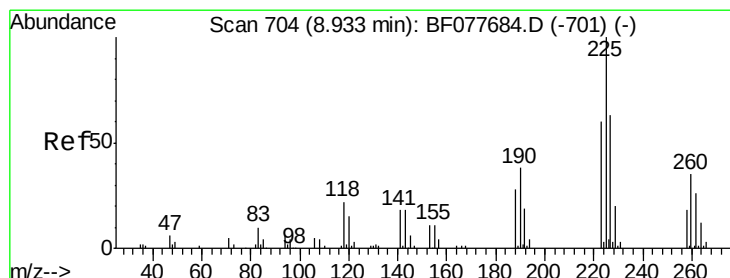
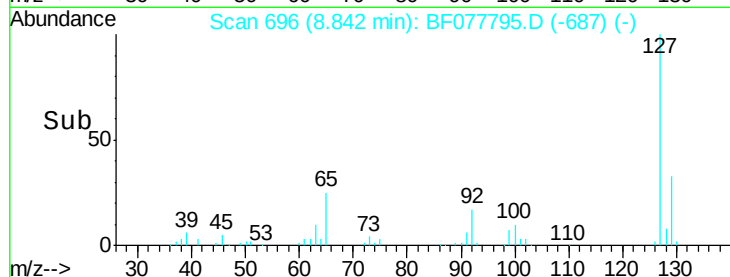
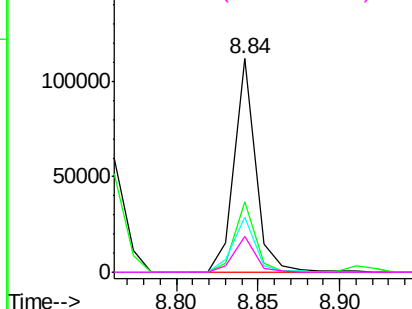
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	25.3	37.9		
65	25.6	17.6	26.4		
92	16.8	13.1	19.7		

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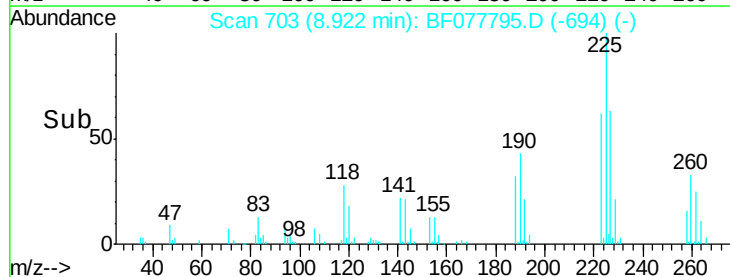
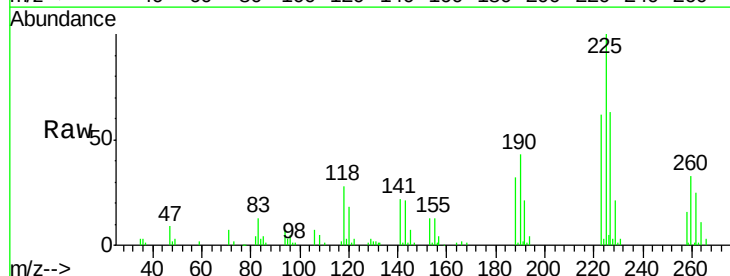
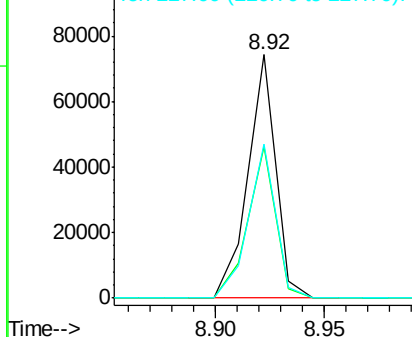
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

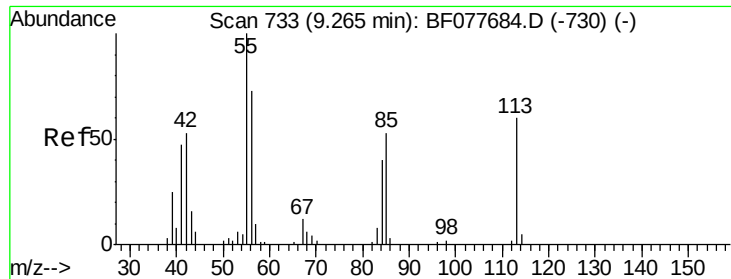


#34
Hexachlorobutadiene
Concen: 35.72 ng
RT: 8.92 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	47.9	71.9		
227	63.1	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: 41.12 ng

RT: 9.26 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Instrument :

BNA_F

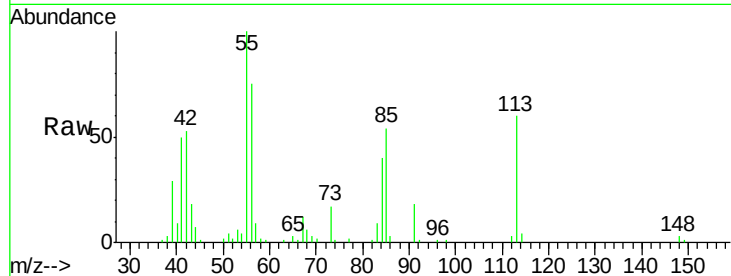
ClientSampleId :

PB82120BS

Tot Ion:	113	Resp:	34939
Ion	Ratio	Lower	Upper
113	100		
55	167.9	145.9	185.9
56	125.8	101.0	141.0

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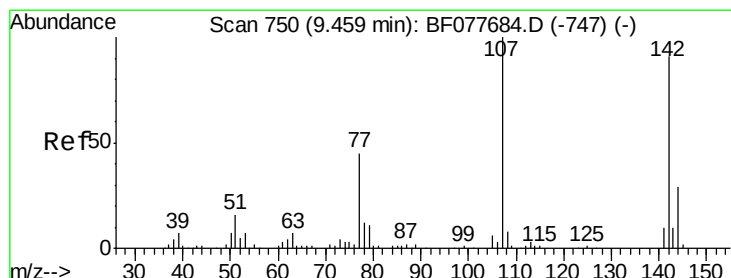
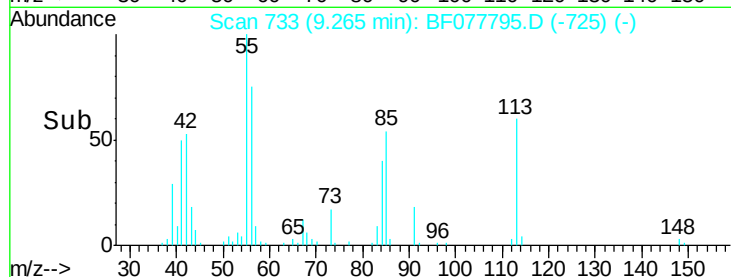
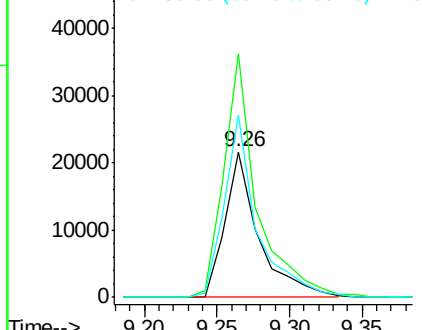
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.21 ng

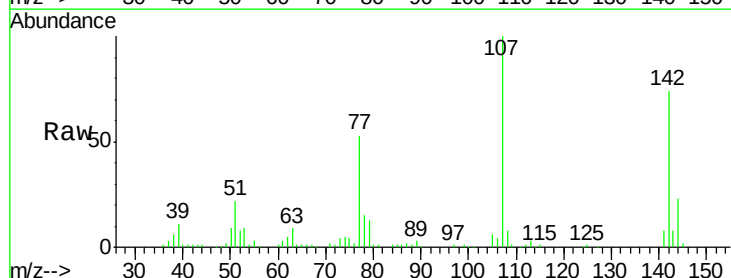
RT: 9.45 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

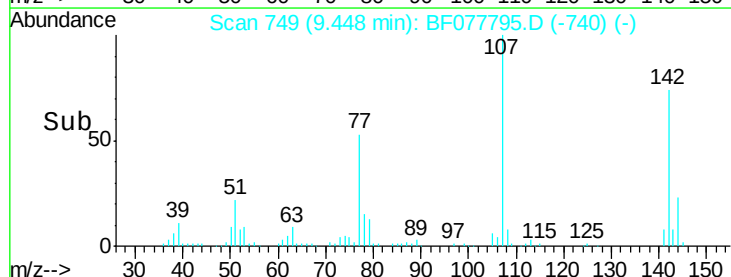
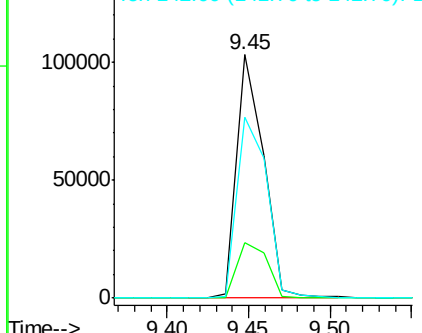
Tgt Ion:	107	Resp:	117622
Ion	Ratio	Lower	Upper
107	100		
144	22.8	23.3	34.9#
142	74.3	72.6	109.0

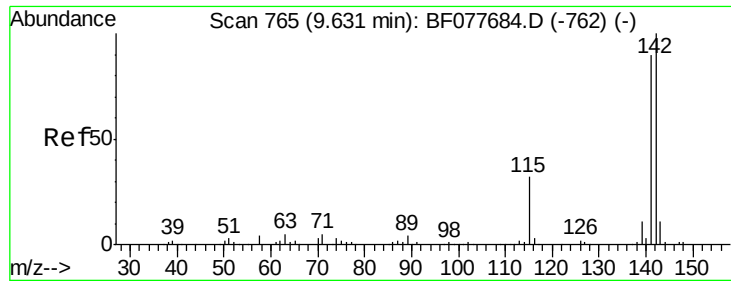


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





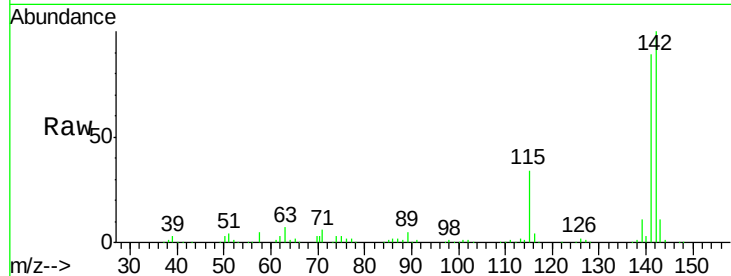
#37
2-Methylnaphthalene
Concen: 37.40 ng
RT: 9.62 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

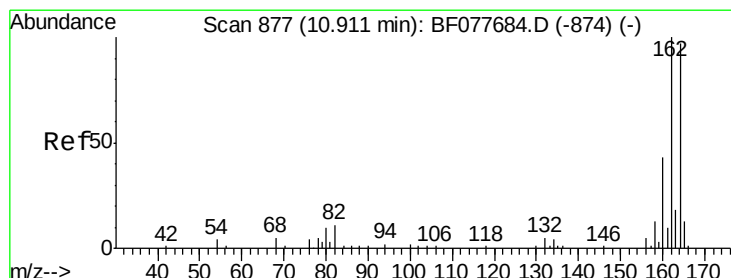
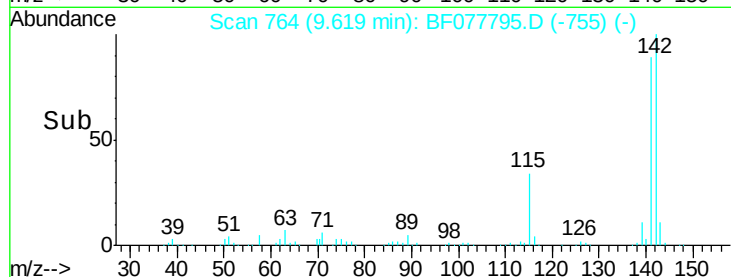
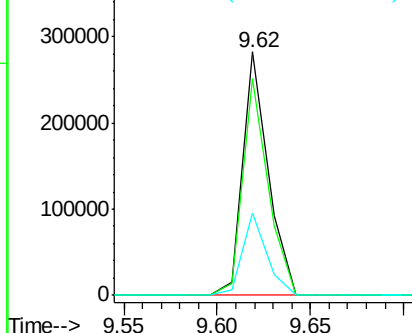
Tot Ion	Ratio	Resp	Lower	Upper
142	100	268512		
141	88.9	71.9	107.9	
115	33.8	25.4	38.0	

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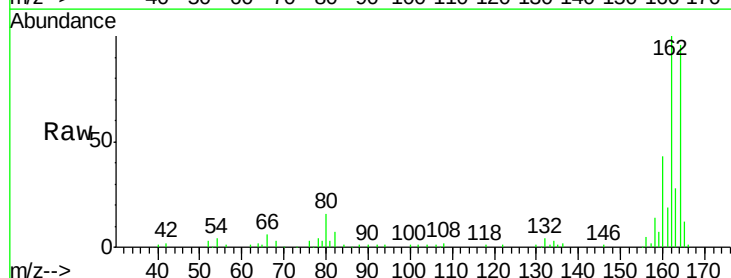


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

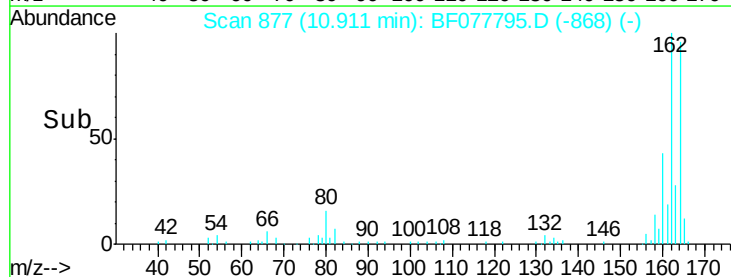
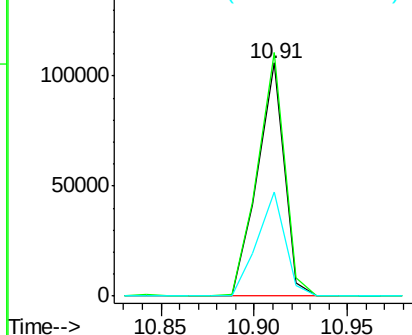


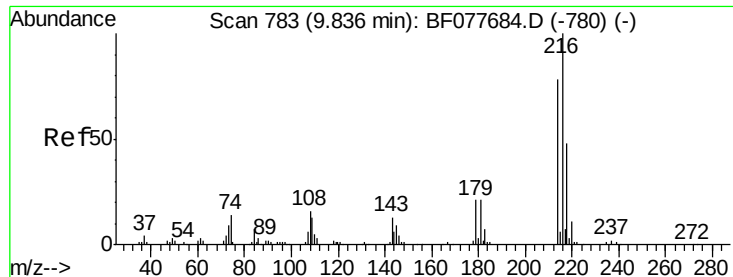
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105464		
162	104.5	82.4	123.6	
160	44.6	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: 37.47 ng

RT: 9.82 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Instrument :

BNA_F

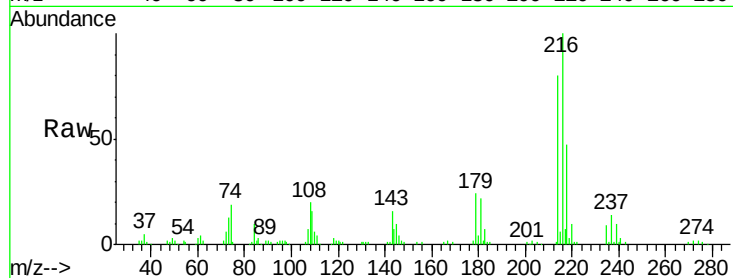
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.9		0.0	0.0	#
179	22.4		0.0	0.0	#
108	20.9		0.0	0.0	#

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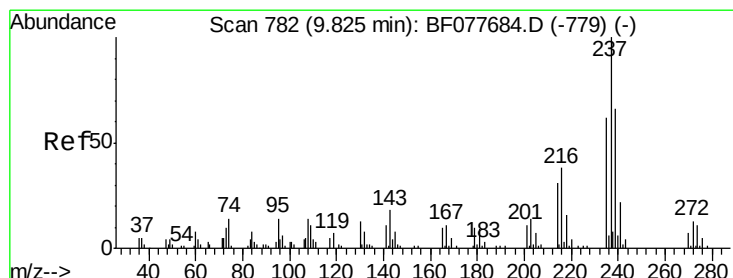
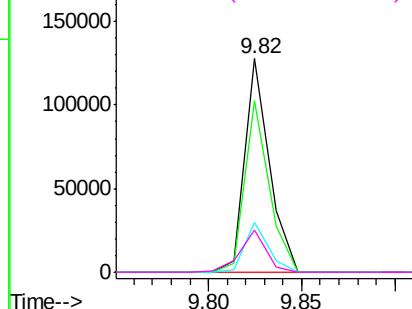
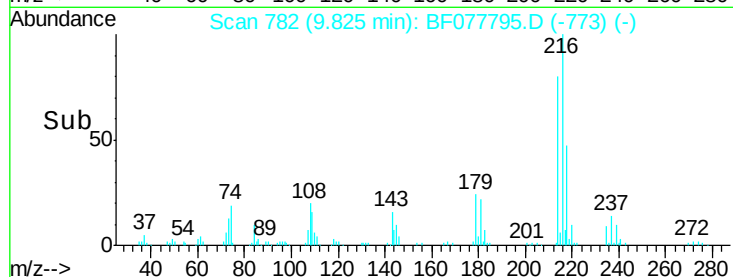


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.43 ng

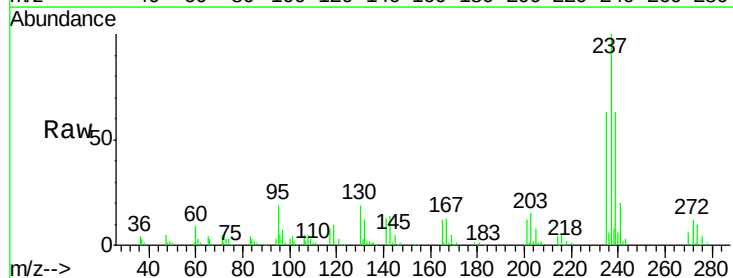
RT: 9.81 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

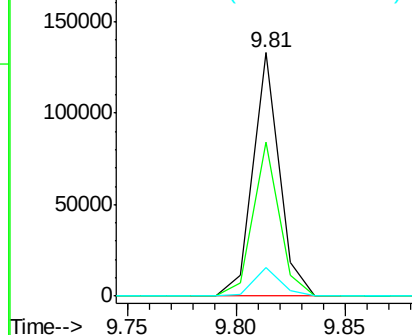
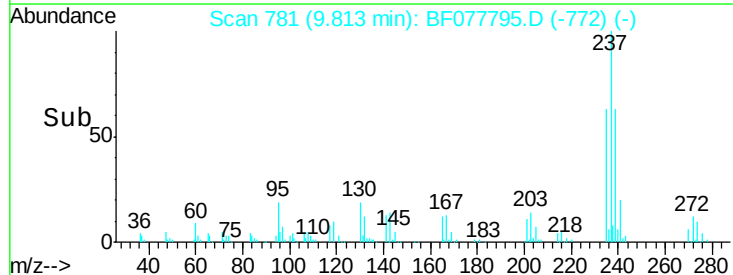
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.3		42.0	82.0	
272	12.0		0.0	33.4	

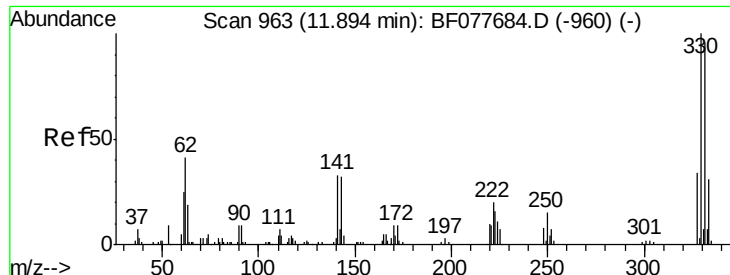


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





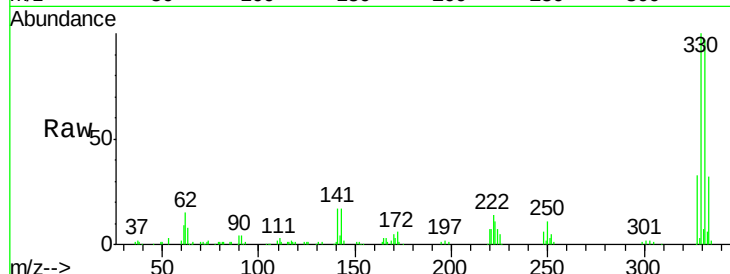
#41
 2,4,6-Tribromophenol
 Concen: 119.61 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Instrument :
 BNA_F
 ClientSampled :
 PB82120BS

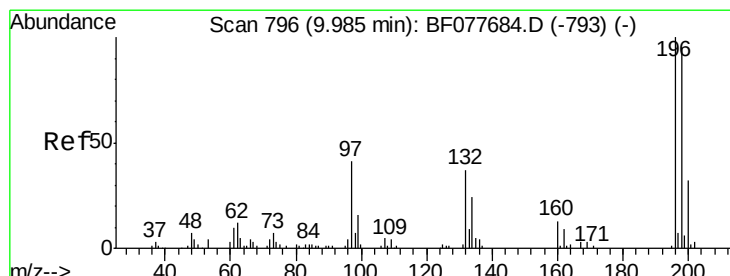
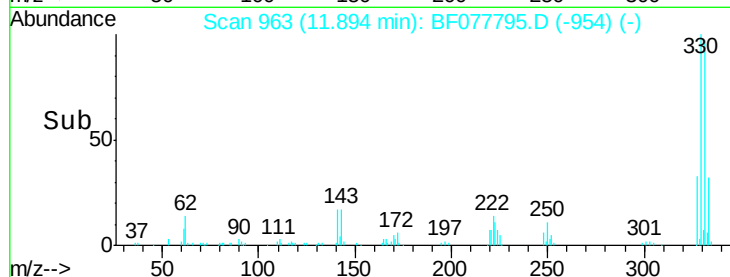
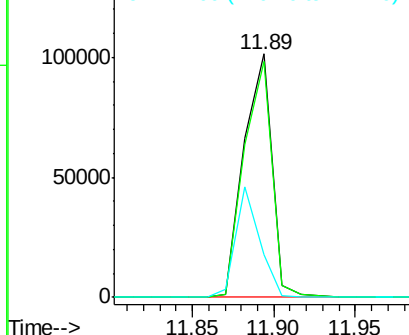
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	38.6	0.0	0.0#

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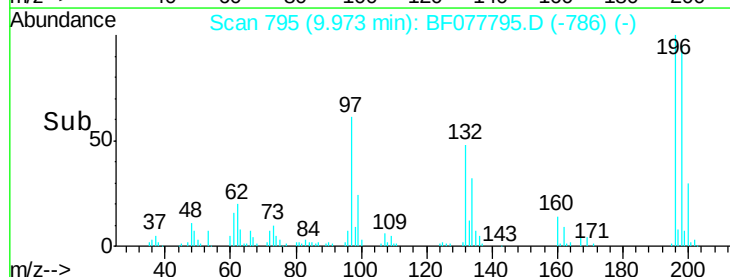
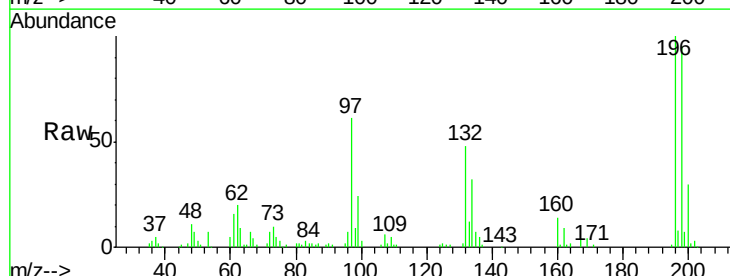
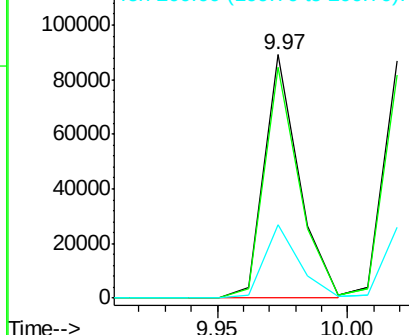
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

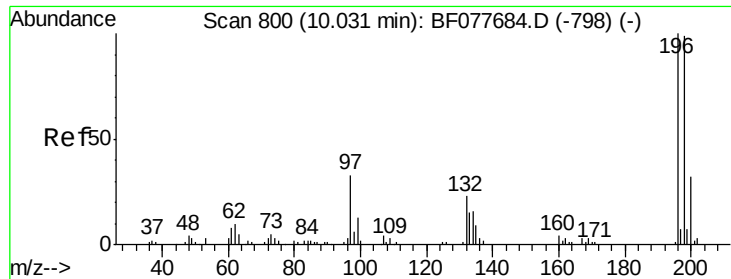


#42
 2,4,6-Trichlorophenol
 Concen: 37.98 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.9	76.3	114.5
200	30.0	25.6	38.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





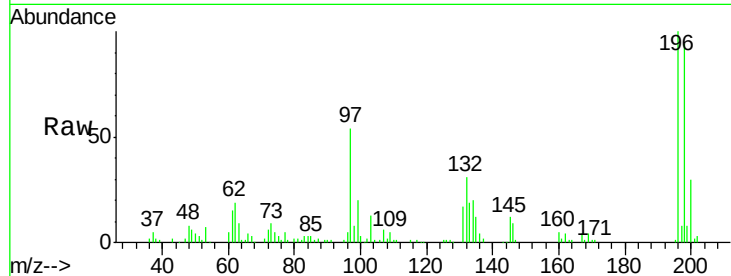
#43
 2,4,5-Trichlorophenol
 Concen: 37.80 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	88971		
198	93.9	79.4	119.0	
97	54.0	26.8	40.2#	
132	31.3	18.6	28.0#	

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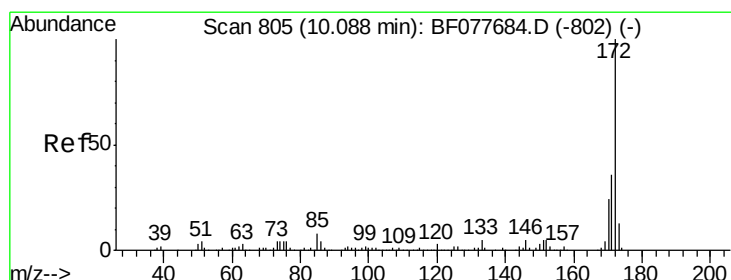
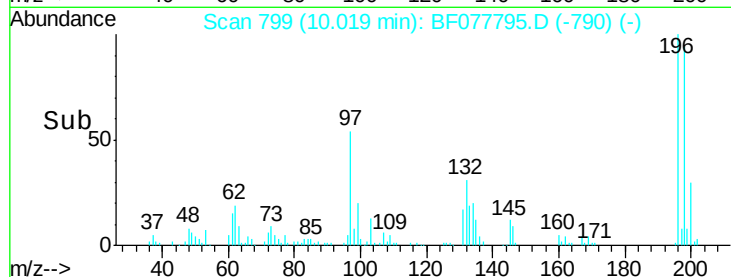
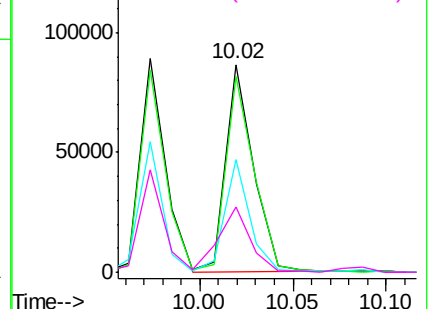
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.40 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

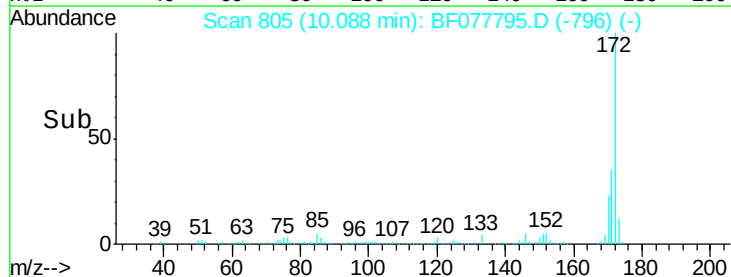
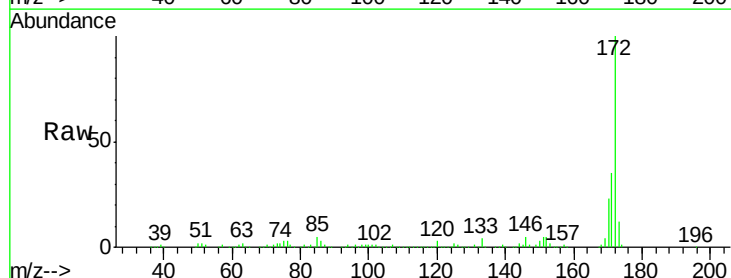
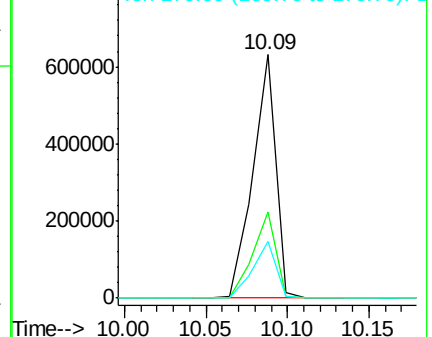
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	612884		
171	35.3	28.5	42.7	
170	23.4	18.8	28.2	

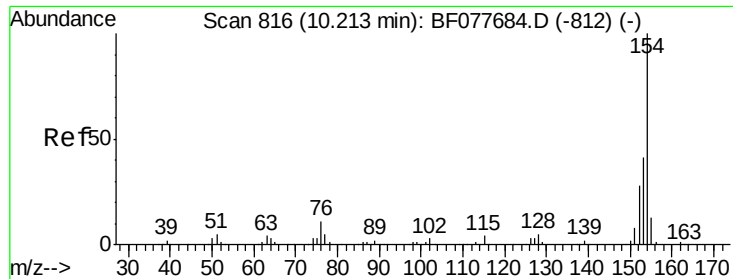
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





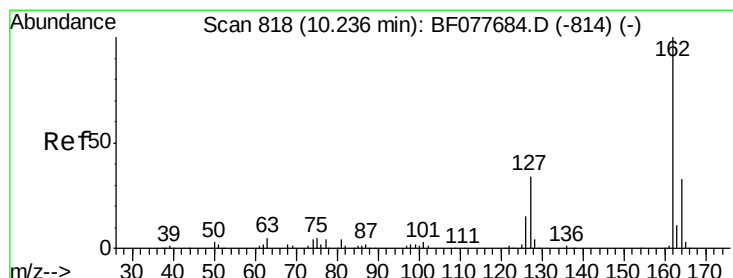
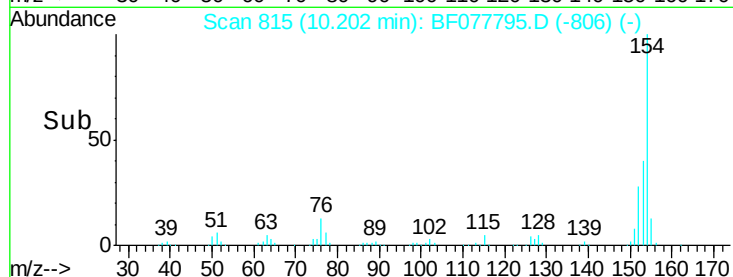
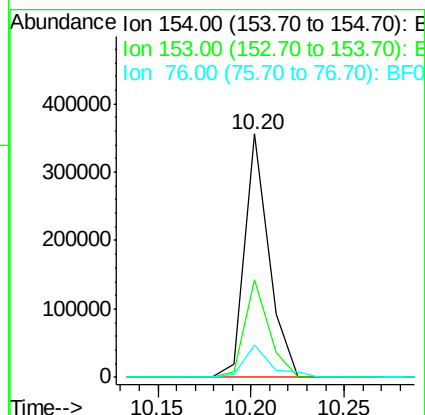
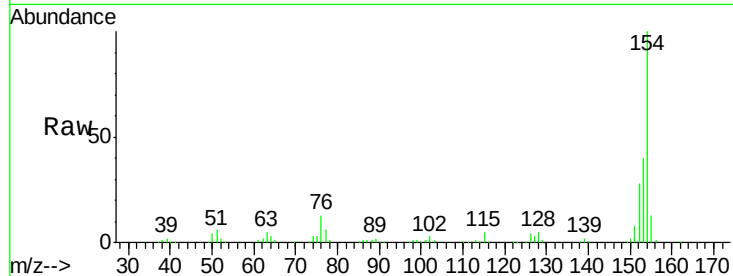
#45
1,1'-Biphenyl
Concen: 38.04 ng
RT: 10.20 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.1	20.7	60.7	
76	13.3	0.0	30.9	

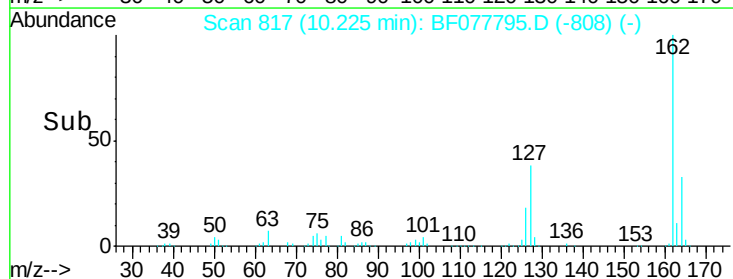
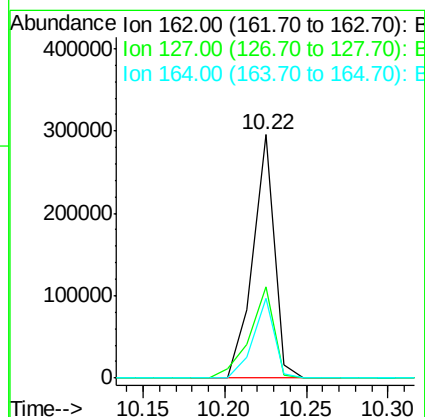
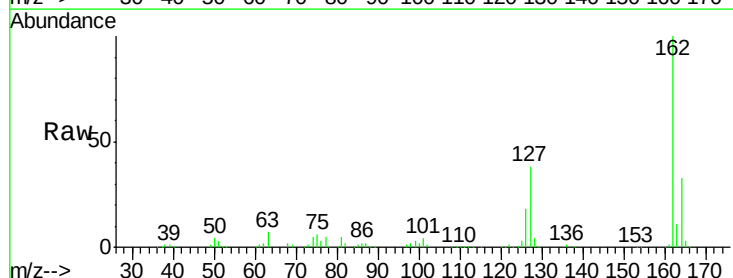
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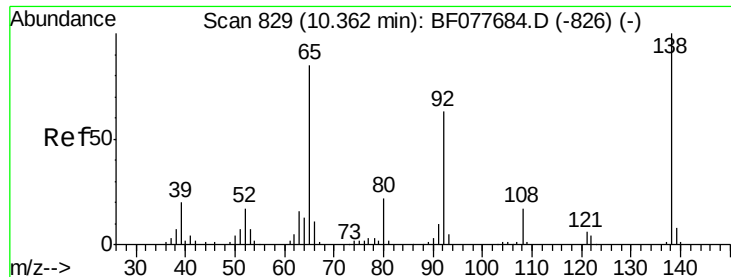
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#46
2-Chloronaphthalene
Concen: 39.53 ng
RT: 10.22 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.7	26.9	40.3	
164	32.9	26.8	40.2	





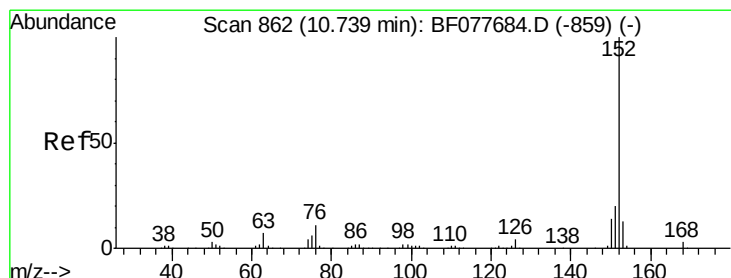
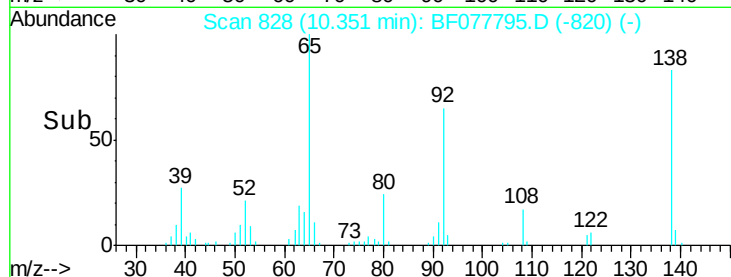
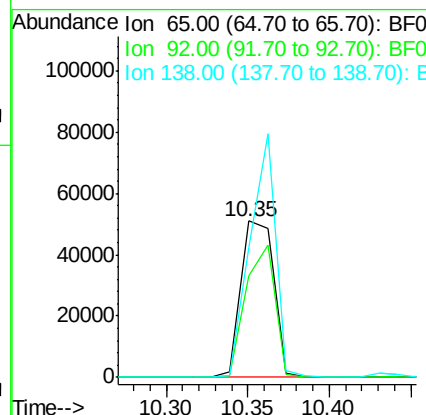
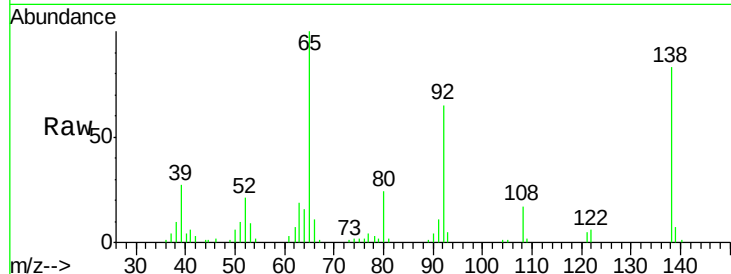
#47
2-Nitroaniline
Concen: 41.65 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	59.1	88.7
138	83.0	93.9	140.9

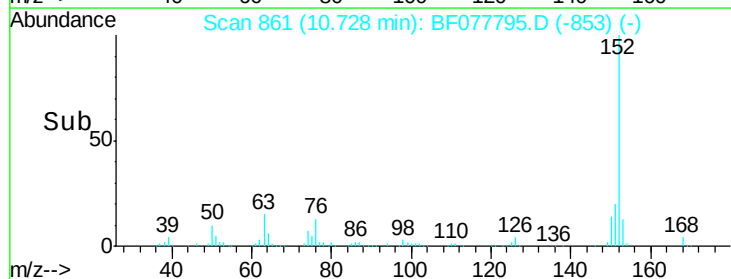
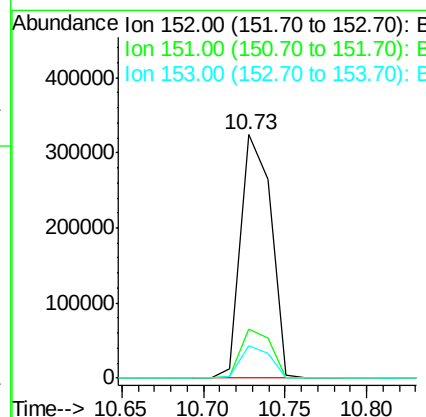
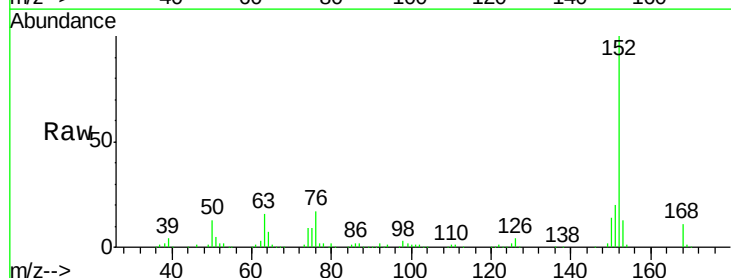
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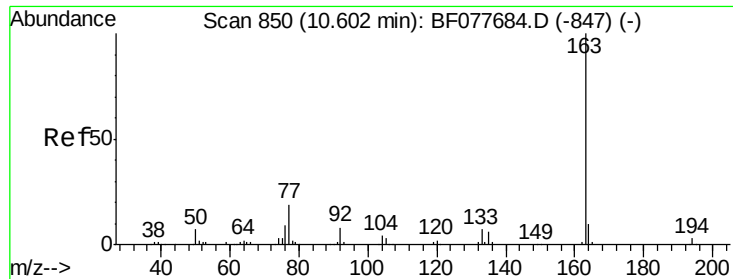
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#48
Acenaphthylene
Concen: 36.37 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.2	10.6	16.0





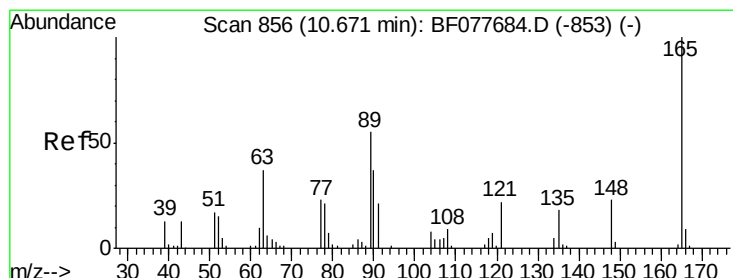
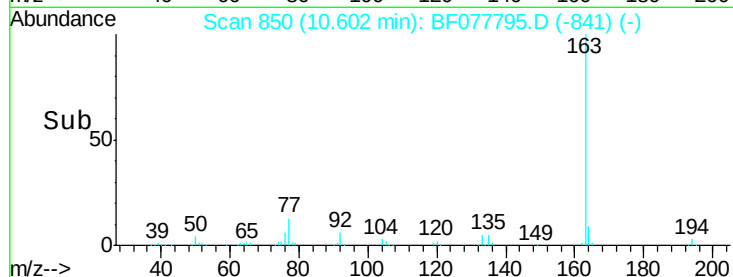
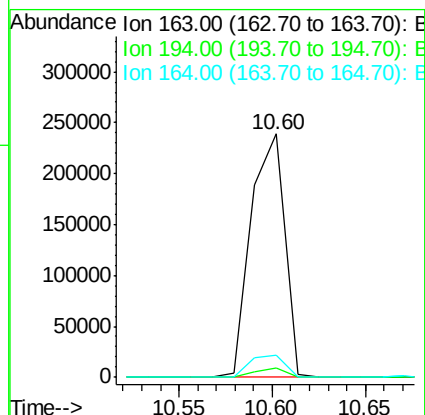
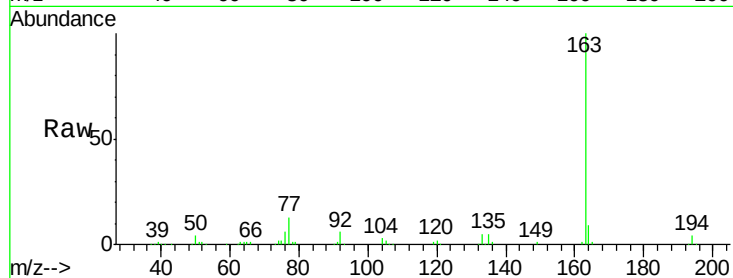
#49
Dimethylphthalate
Concen: 38.16 ng
RT: 10.60 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.3	8.2	12.2

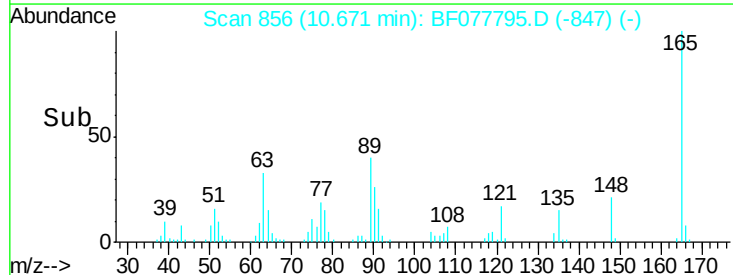
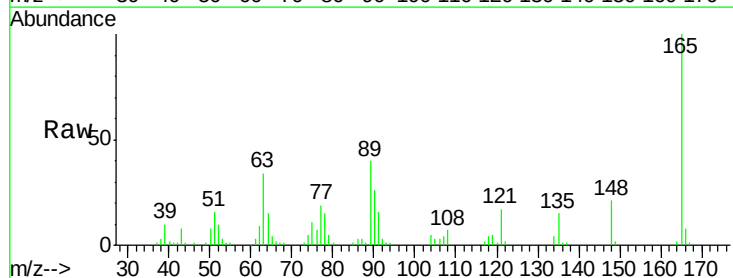
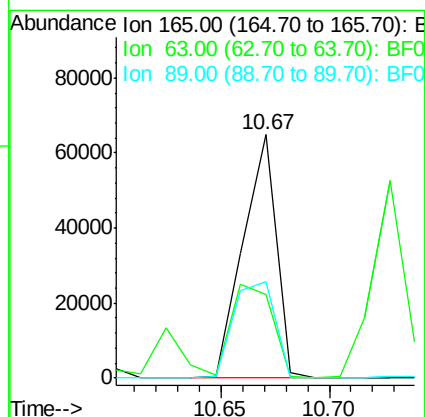
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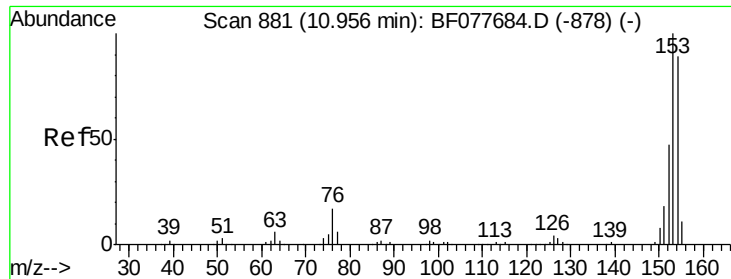
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#50
2,6-Dinitrotoluene
Concen: 42.32 ng
RT: 10.67 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	34.2	44.1	66.1#
89	39.6	44.3	66.5#





#51

Acenaphthene

Concen: 36.46 ng

RT: 10.94 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Instrument :

BNA_F

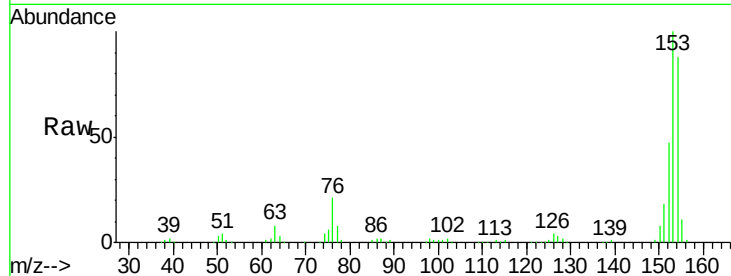
ClientSampleId :

PB82120BS

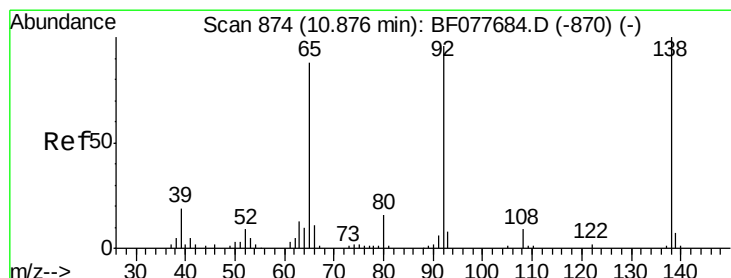
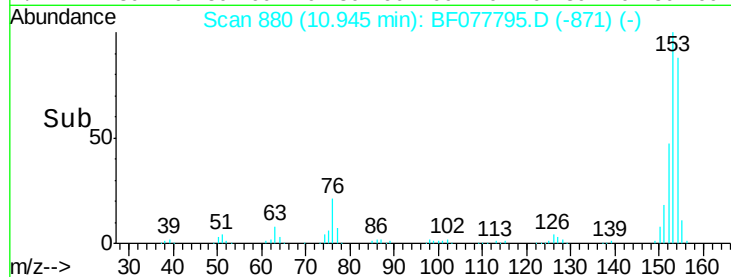
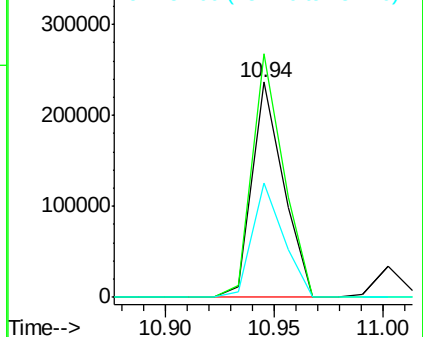
Tot Ion:	154	Resp:	238175
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.0	135.0
152	52.9	42.6	63.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.41 ng

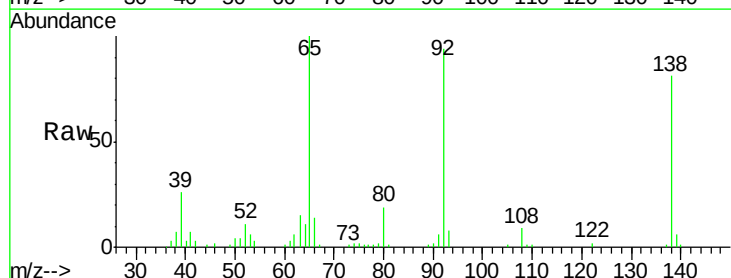
RT: 10.86 min Scan# 873

Delta R.T. -0.00 min

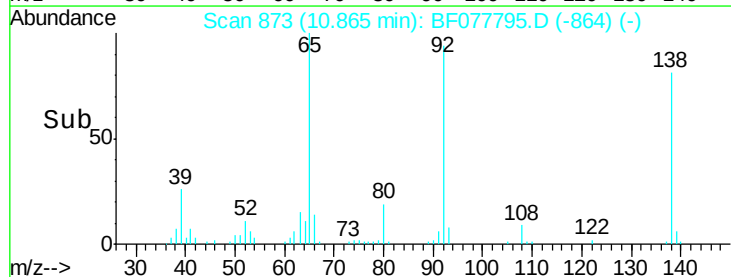
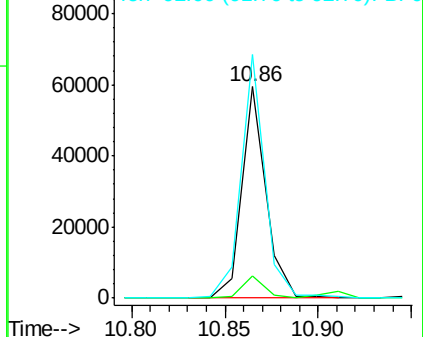
Lab File: BF077795.D

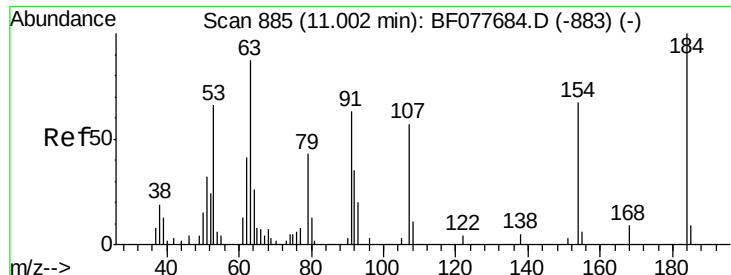
Acq: 18 Mar 2015 11:46

Tgt Ion:	138	Resp:	53489
Ion Ratio	Lower	Upper	
138	100		
108	10.8	7.3	10.9
92	115.2	76.6	114.8#



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





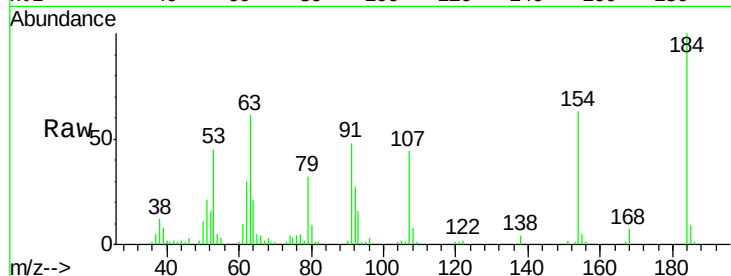
#53
 2,4-Dinitrophenol
 Concen: 85.21 ng
 RT: 11.00 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

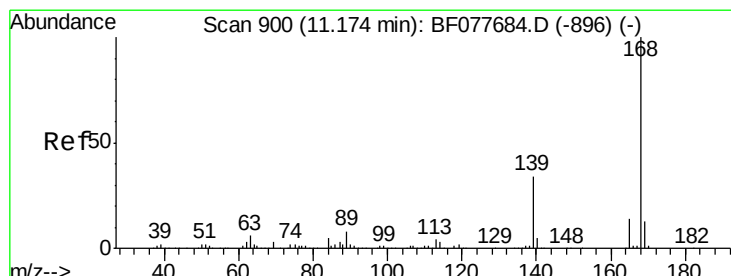
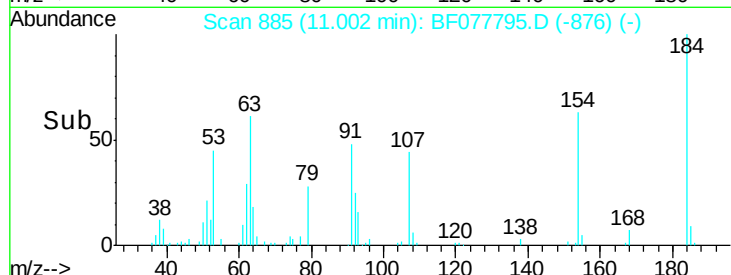
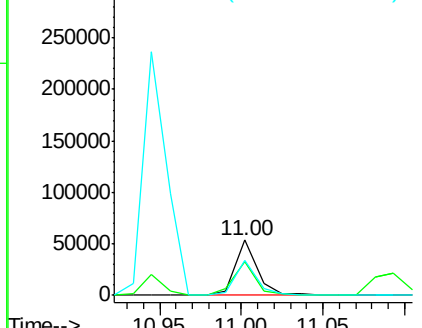
Tot Ion	Ratio	Lower	Upper
184	100		
63	60.5	69.2	103.8#
154	63.5	53.3	79.9

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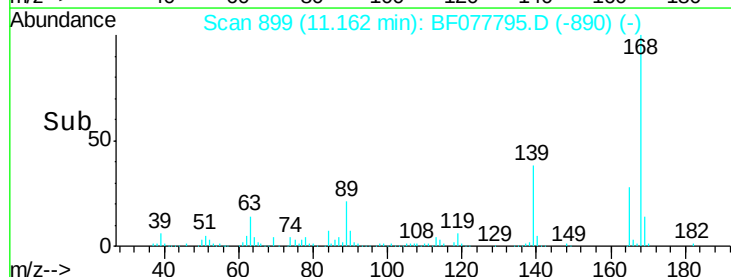
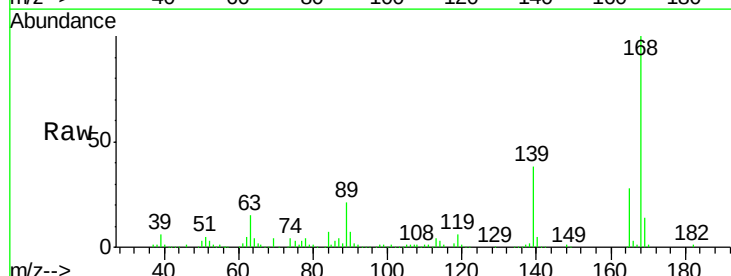
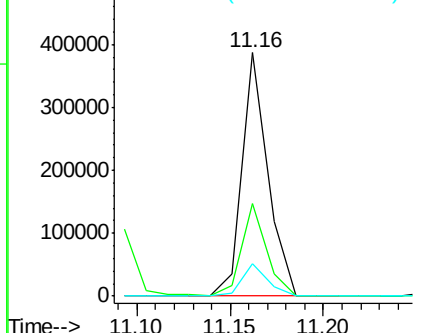
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

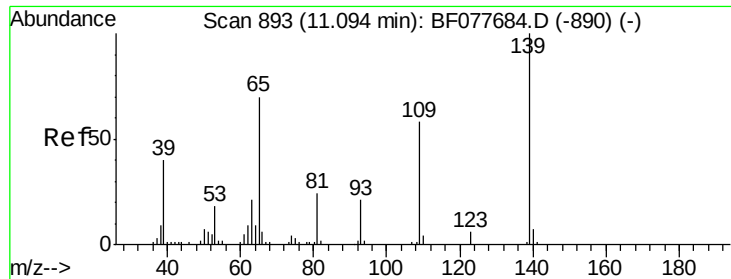


#54
 Dibenzofuran
 Concen: 38.42 ng
 RT: 11.16 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	27.3	40.9
169	13.6	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





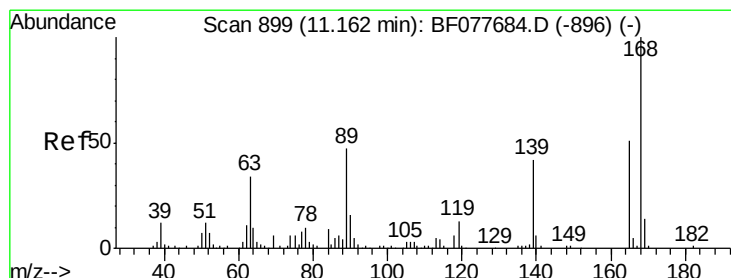
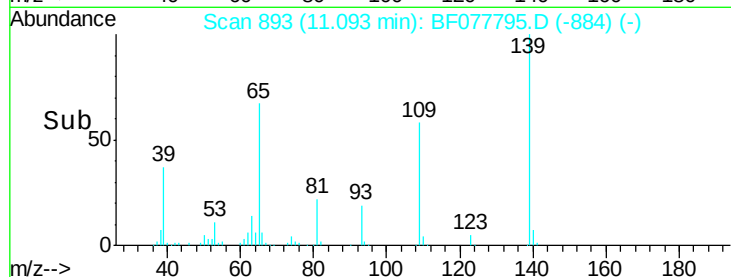
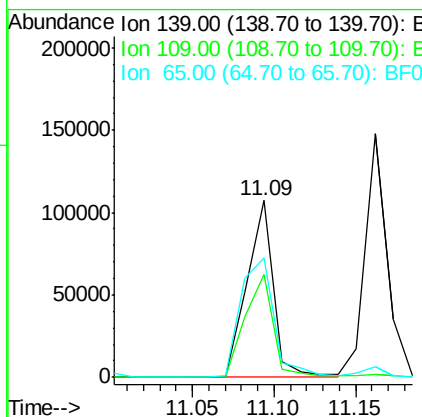
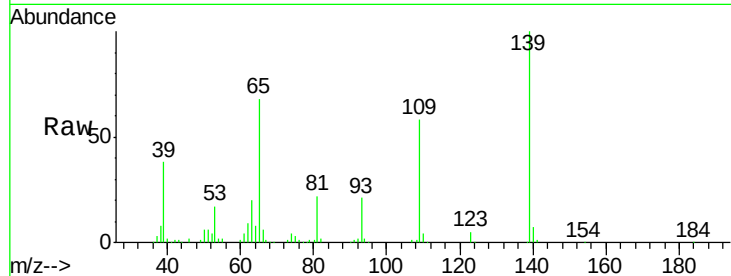
#55
4-Nitrophenol
Concen: 86.43 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	58.1	37.7	77.7	
65	67.9	49.9	89.9	

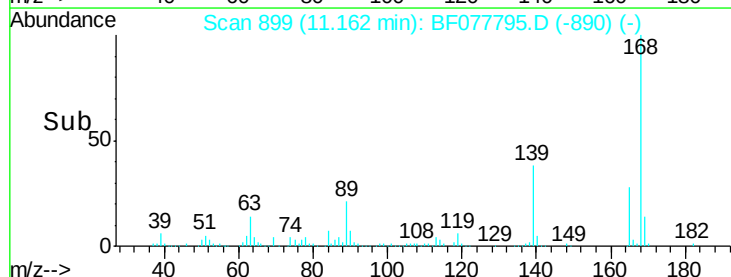
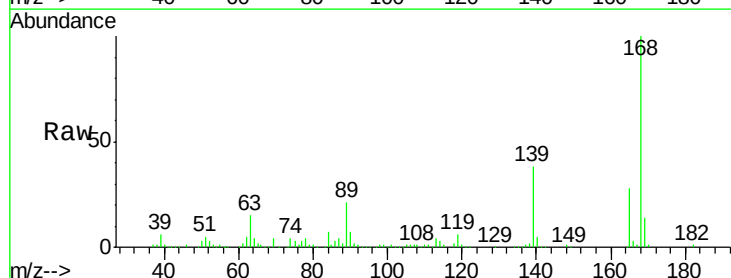
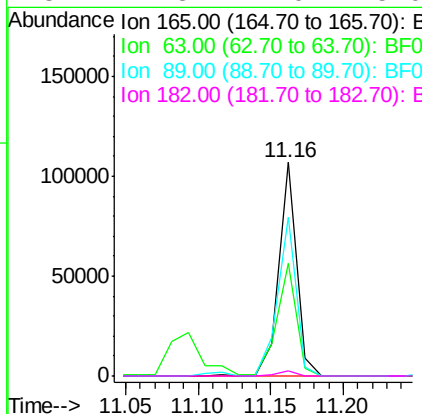
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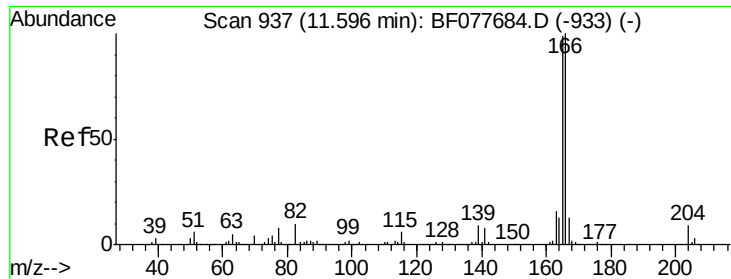
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#56
2,4-Dinitrotoluene
Concen: 43.01 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.5	52.4	78.6	
89	74.4	72.4	108.6	
182	2.3	2.0	3.0	





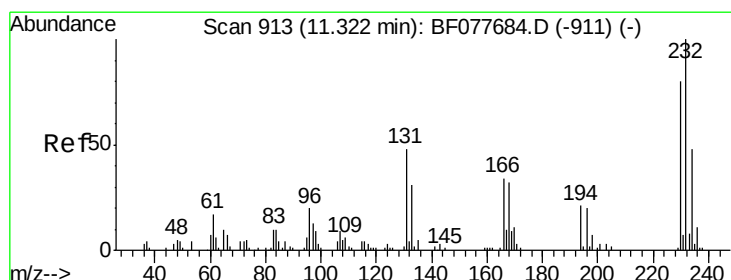
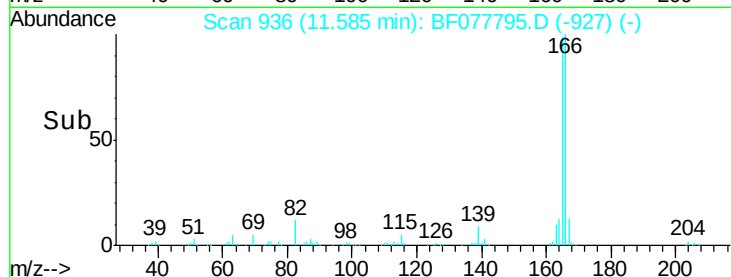
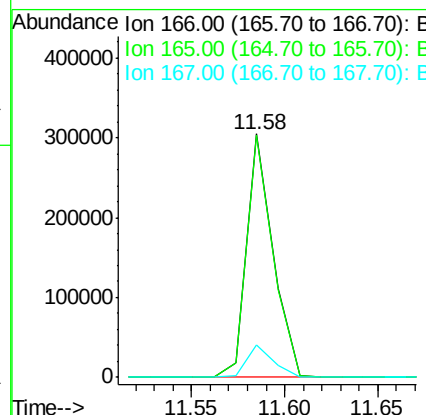
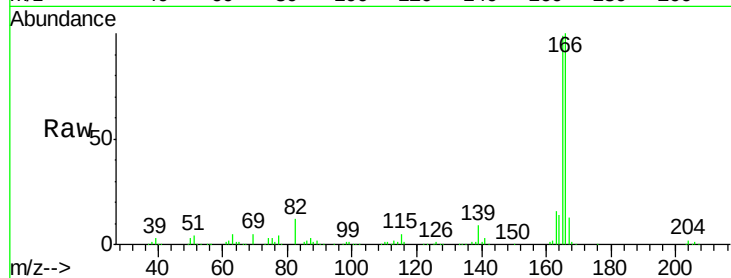
#57
Fluorene
Concen: 37.19 ng
RT: 11.58 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	299161		
165	99.4	79.0	118.4	
167	13.2	10.3	15.5	

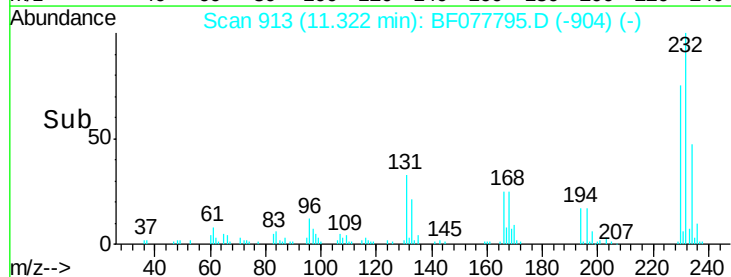
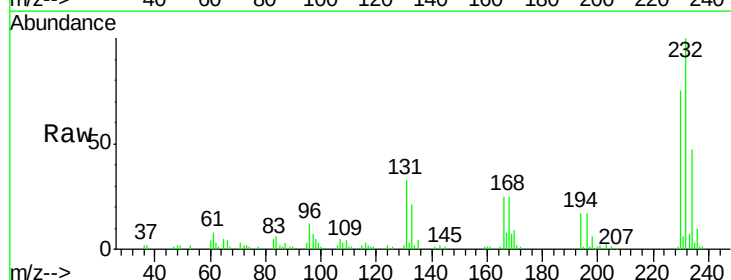
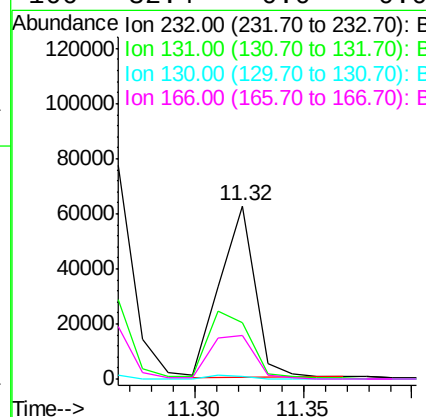
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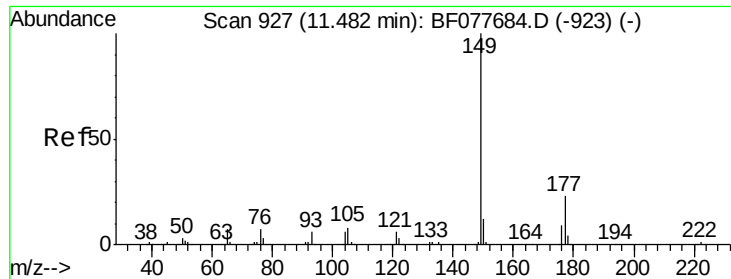
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#58
2,3,4,6-Tetrachlorophenol
Concen: 38.71 ng
RT: 11.32 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	70168		
131	47.2	0.0	0.0#	
130	2.1	0.0	0.0#	
166	32.4	0.0	0.0#	





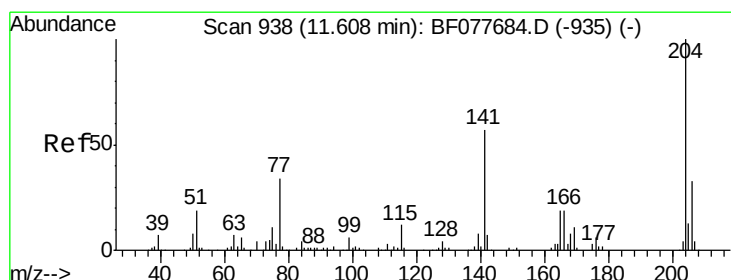
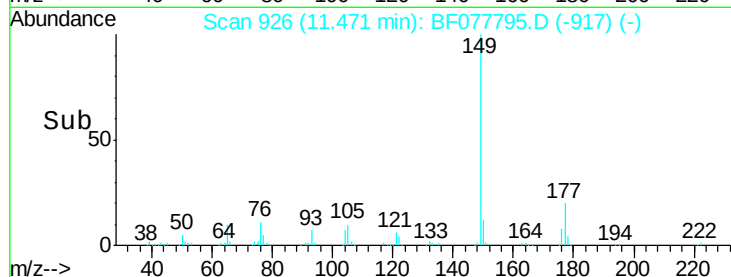
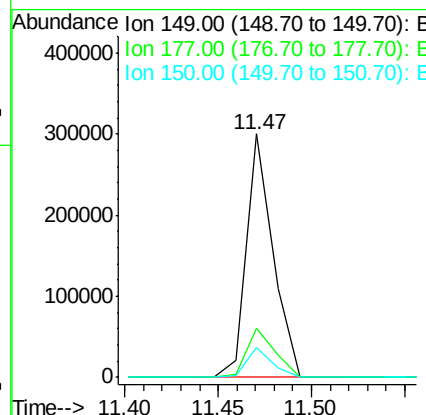
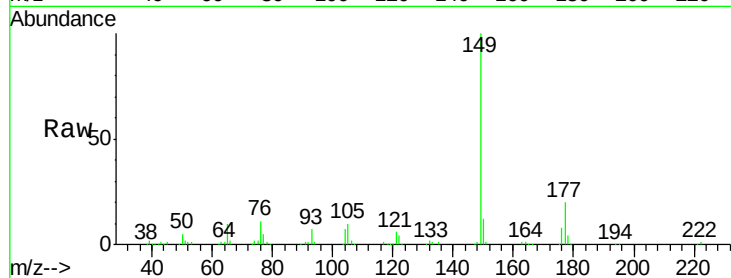
#59
Diethylphthalate
Concen: 38.73 ng
RT: 11.47 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	295202		
177	20.0	18.3	27.5	
150	12.4	9.8	14.8	

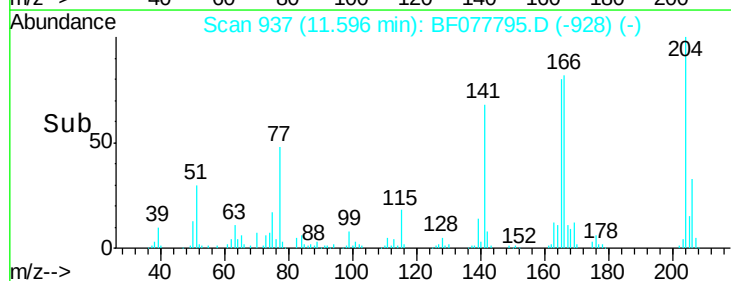
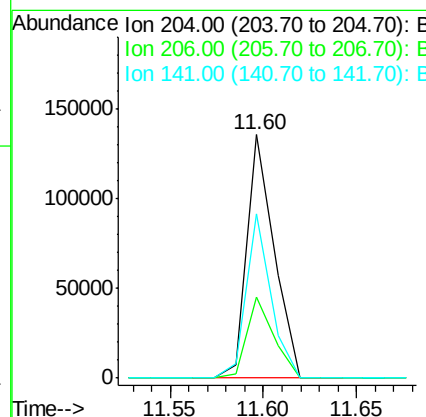
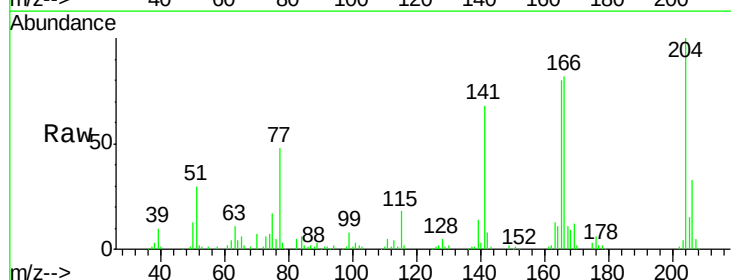
Manual Integrations
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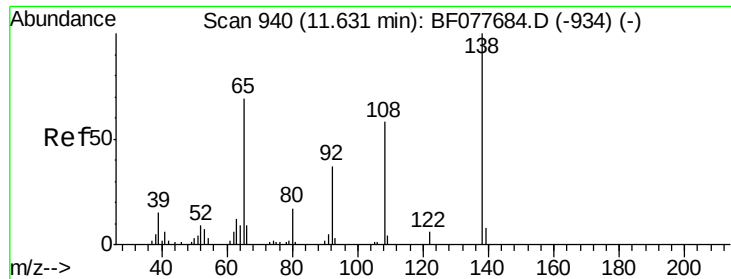
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 37.49 ng
RT: 11.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	137652		
206	33.4	26.6	39.8	
141	67.5	45.2	67.8	





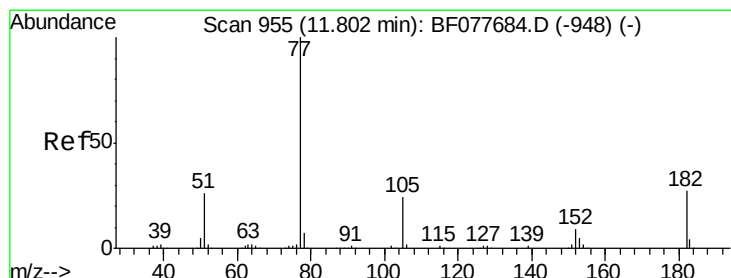
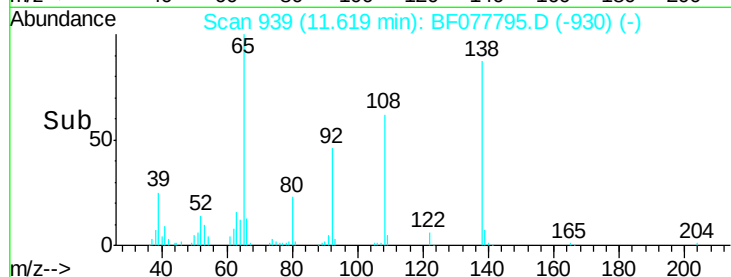
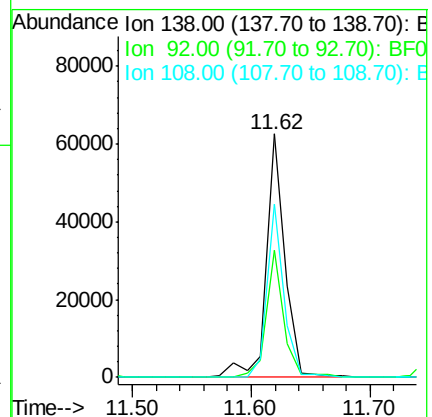
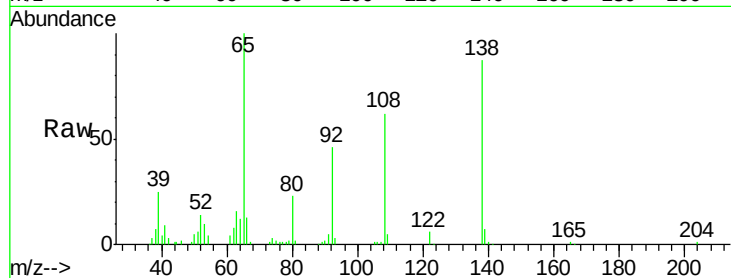
#61
4-Nitroaniline
Concen: 36.57 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.4	16.7	56.7
108	71.1	37.6	77.6

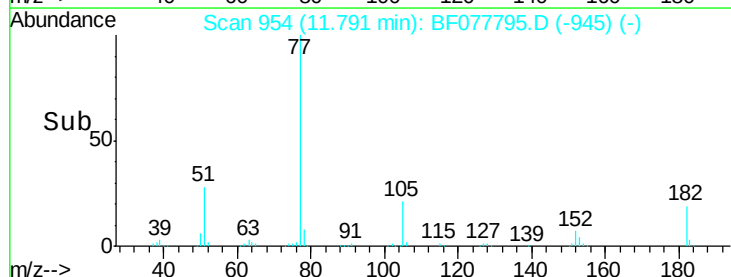
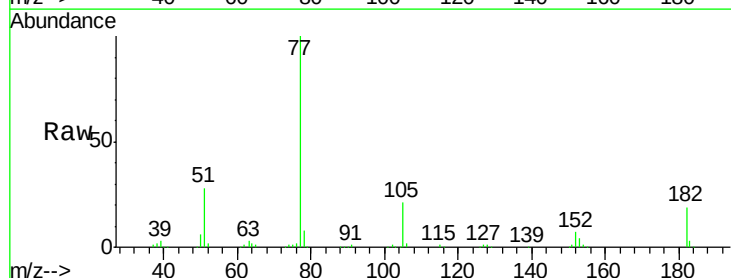
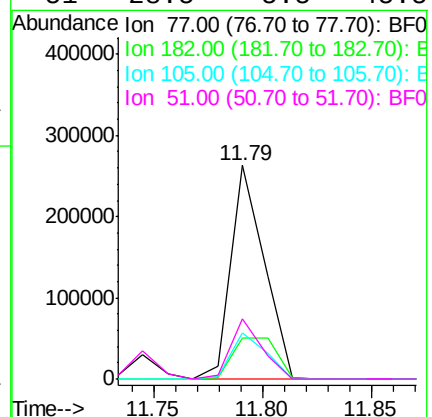
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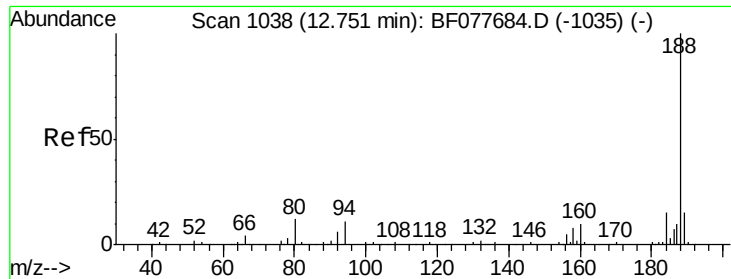
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#62
Azobenzene
Concen: 38.28 ng
RT: 11.79 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.9	6.5	46.5
105	21.5	3.8	43.8
51	28.5	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: BF077795.D

Acq: 18 Mar 2015 11:46

Instrument :

BNA_F

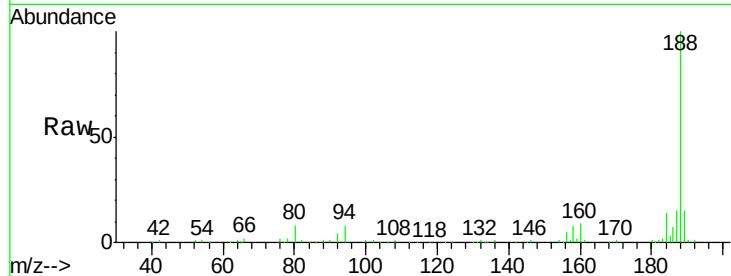
ClientSampleId :

PB82120BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	8.7	13.1#
80	8.1	9.3	13.9#

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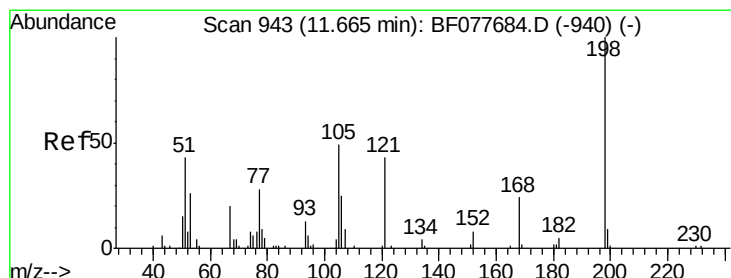
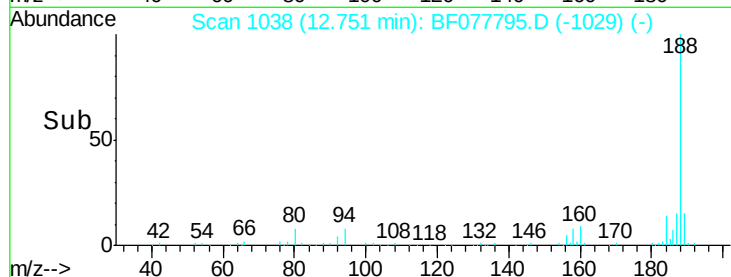
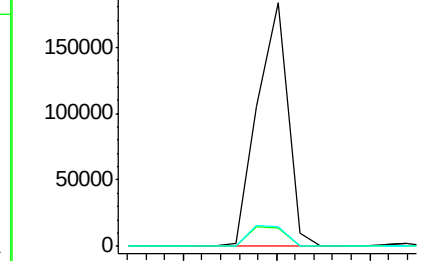
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.41 ng

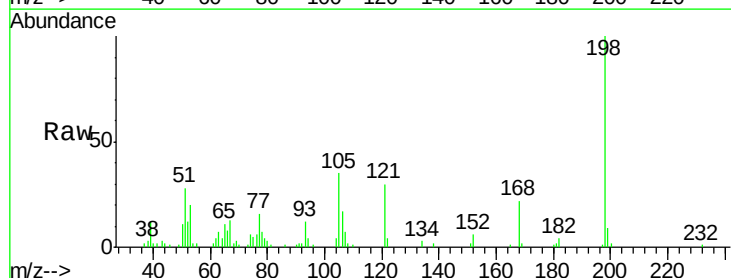
RT: 11.66 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

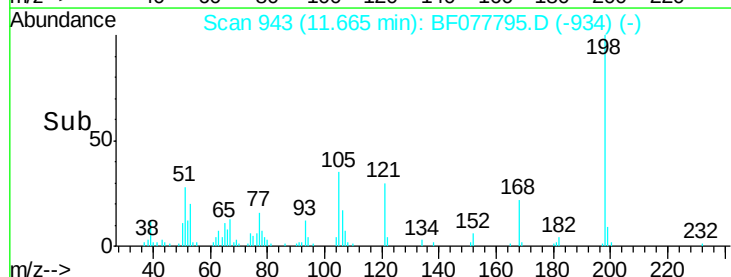
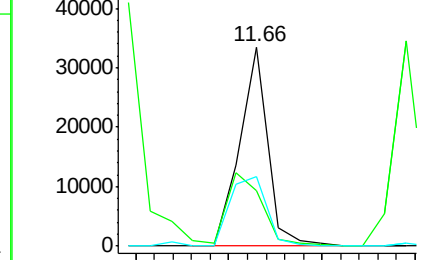
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	27.6	28.8	68.8#
105	34.7	30.5	70.5

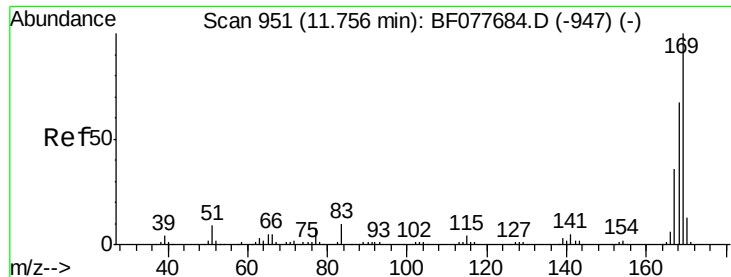


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.43 ng

RT: 11.74 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Instrument :

BNA_F

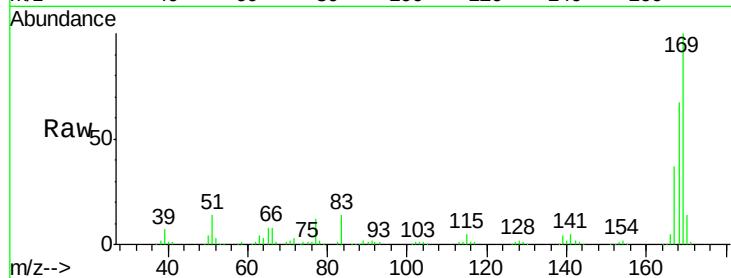
ClientSampleId :

PB82120BS

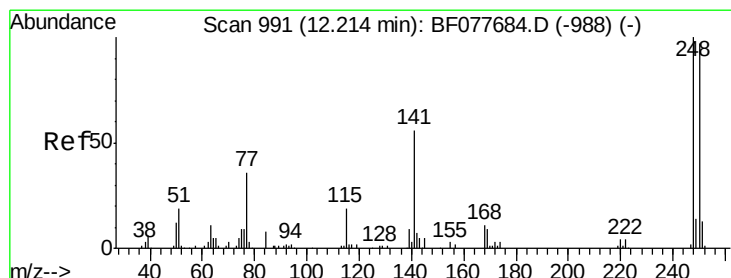
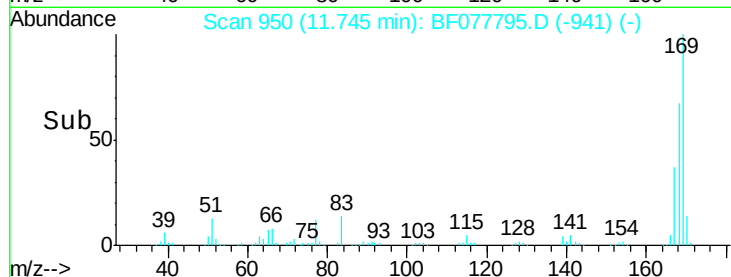
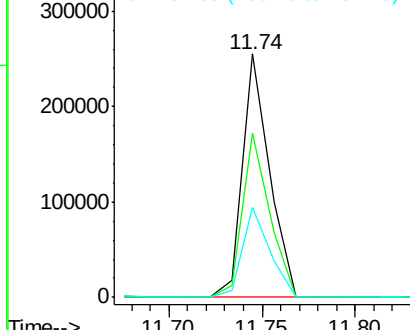
Tot Ion:	169	Resp:	256971
Ion Ratio	Lower	Upper	
169	100		
168	67.3	53.9	80.9
167	36.8	28.9	43.3

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



#66

4-Bromophenyl-phenylether

Concen: 36.97 ng

RT: 12.20 min Scan# 990

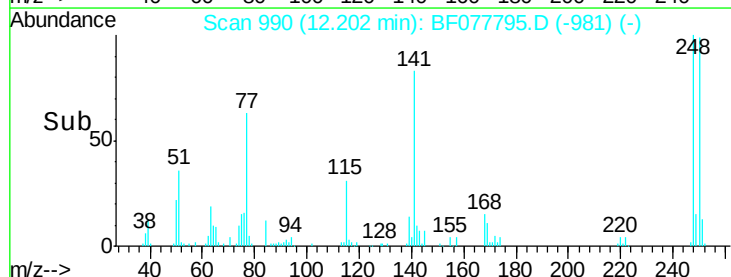
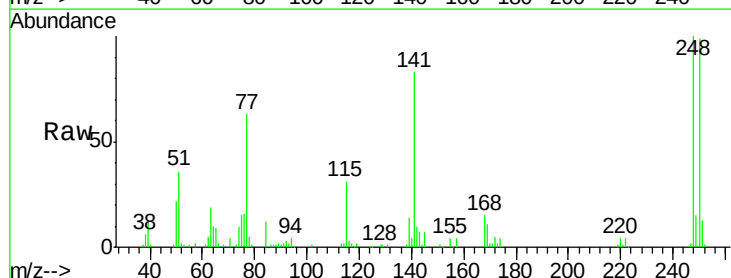
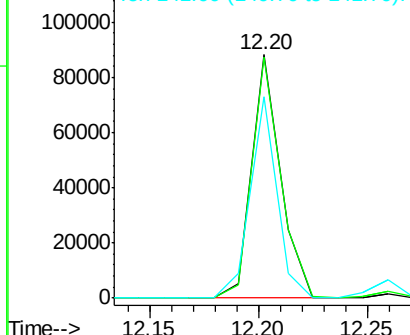
Delta R.T. -0.00 min

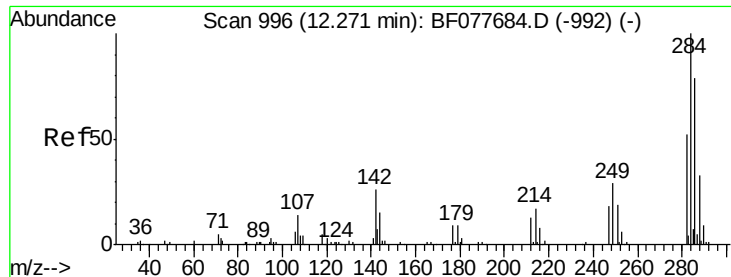
Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Tgt Ion:	248	Resp:	81353
Ion Ratio	Lower	Upper	
248	100		
250	99.3	77.4	116.0
141	83.0	45.2	67.8#

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





#67

Hexachlorobenzene

Concen: 37.06 ng

RT: 12.26 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Instrument :

BNA_F

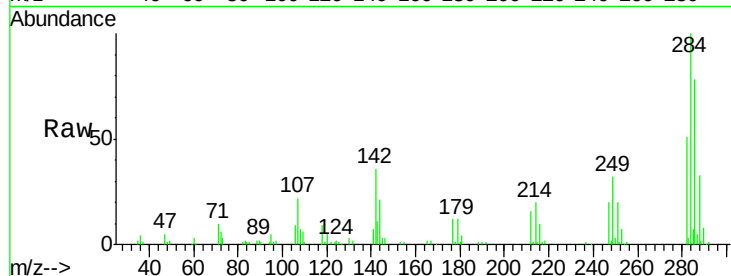
ClientSampleId :

PB82120BS

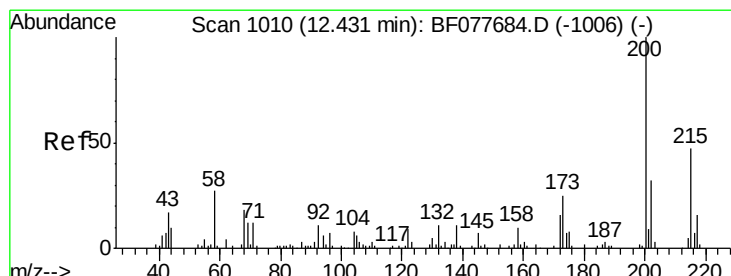
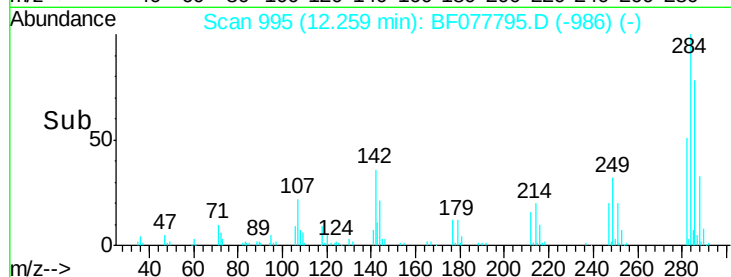
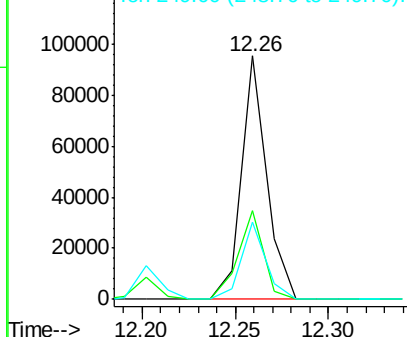
Tot Ion:	284	Resp:	89595
Ion Ratio	Lower	Upper	
284	100		
142	36.5	20.4	30.6#
249	31.7	23.8	35.6

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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: 40.96 ng

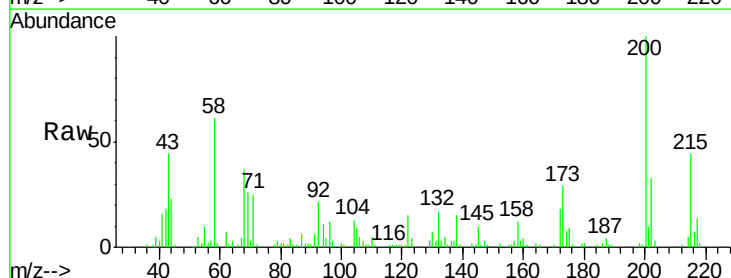
RT: 12.42 min Scan# 1009

Delta R.T. -0.01 min

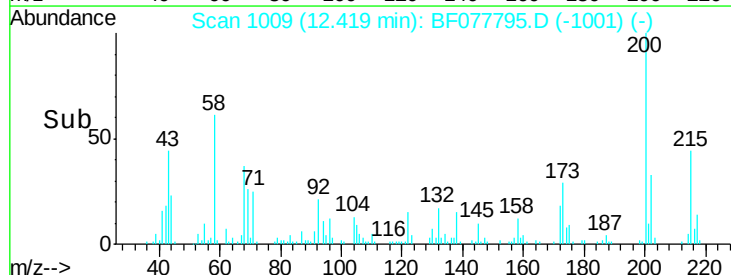
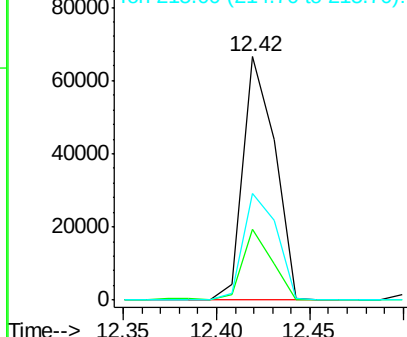
Lab File: BF077795.D

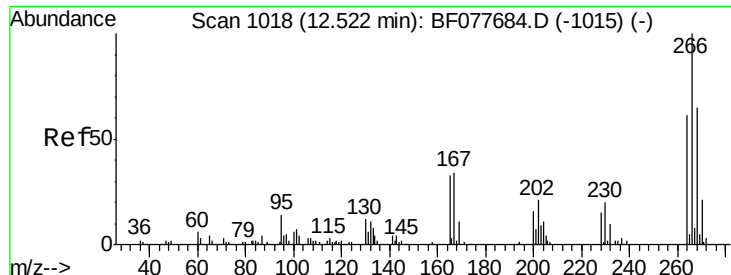
Acq: 18 Mar 2015 11:46

Tgt Ion:	200	Resp:	78802
Ion Ratio	Lower	Upper	
200	100		
173	29.1	4.8	44.8
215	43.7	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





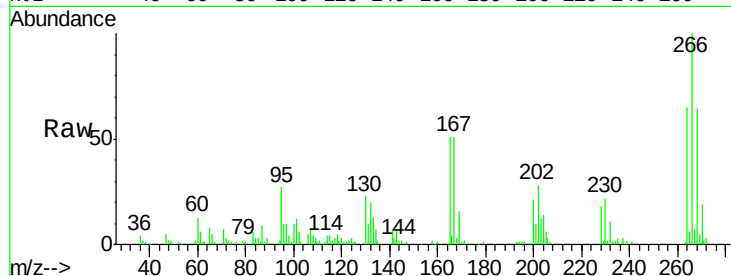
#69
 Pentachlorophenol
 Concen: 74.23 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

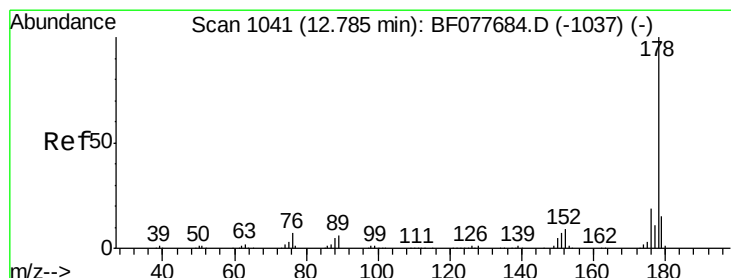
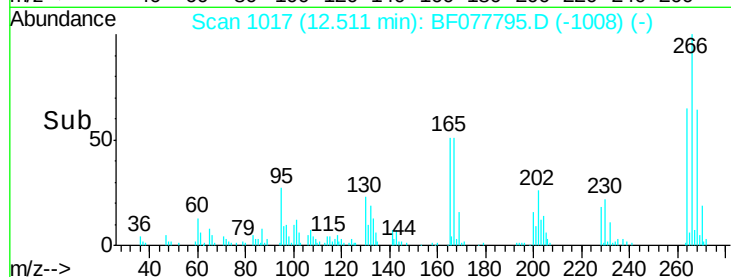
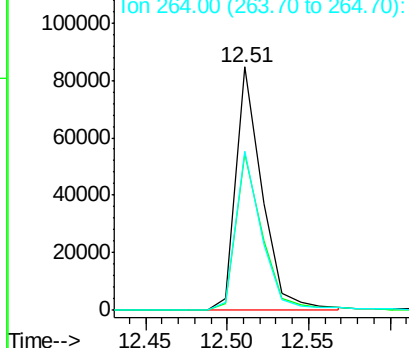
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	52.0	78.0
264	65.3	49.0	73.4

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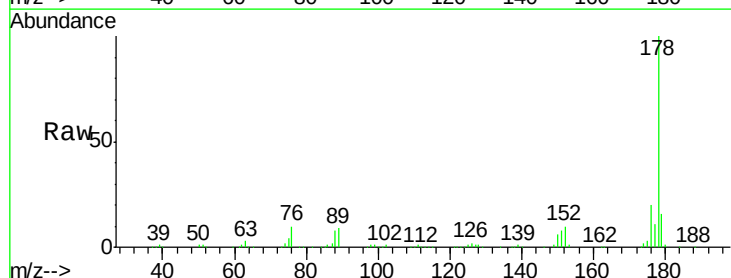


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

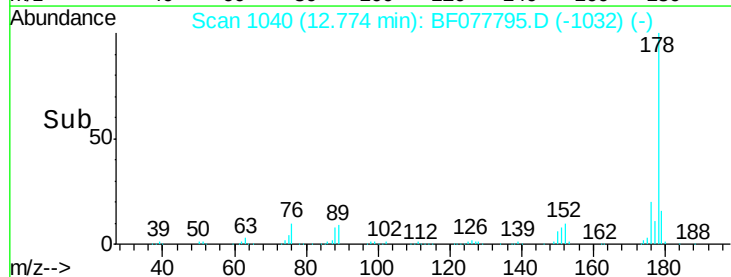
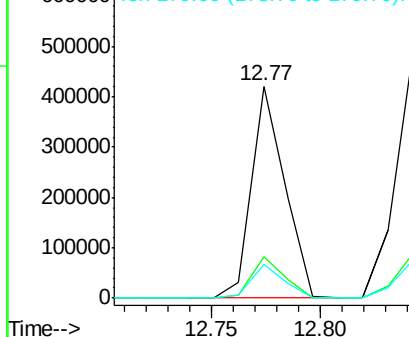


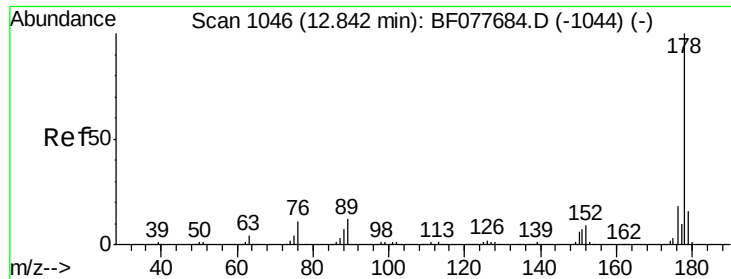
#70
 Phenanthrene
 Concen: 37.78 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	15.8	12.1	18.1



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





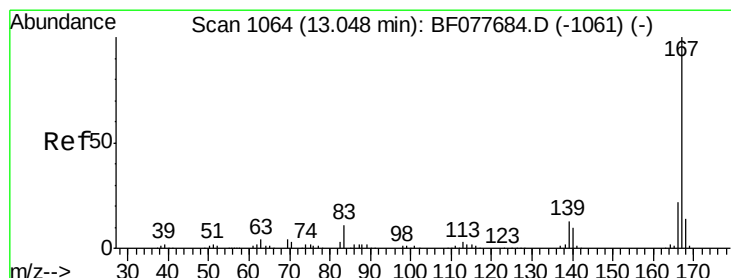
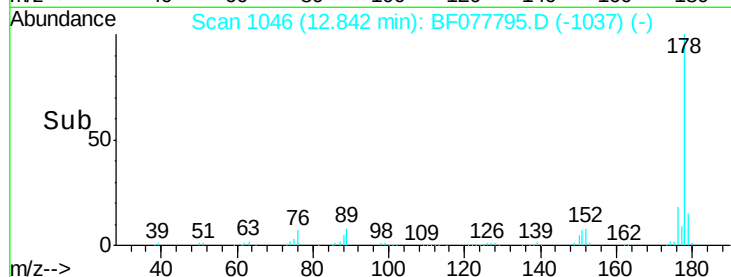
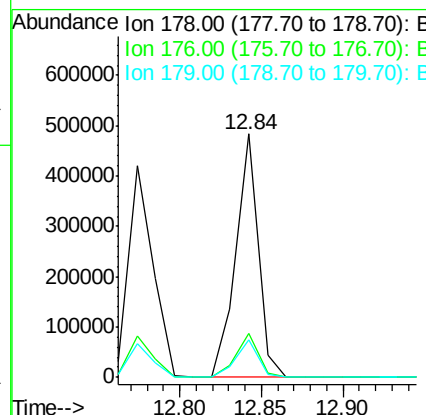
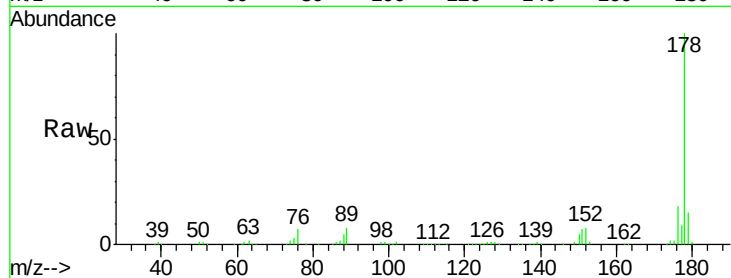
#71
 Anthracene
 Concen: 39.07 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

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

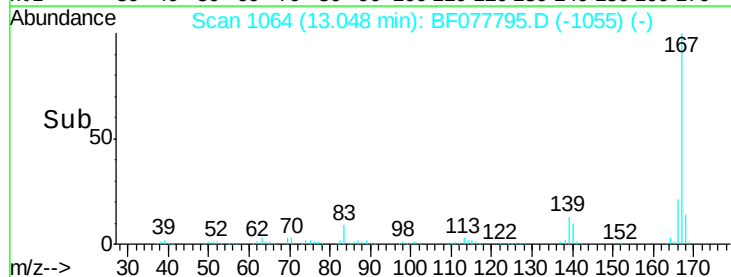
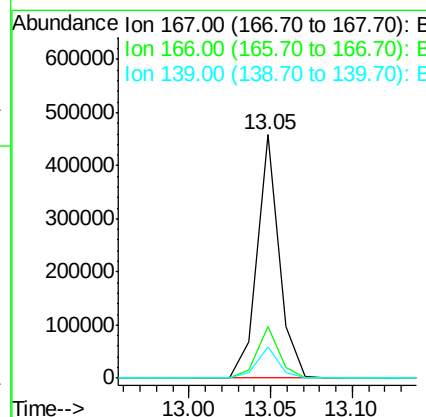
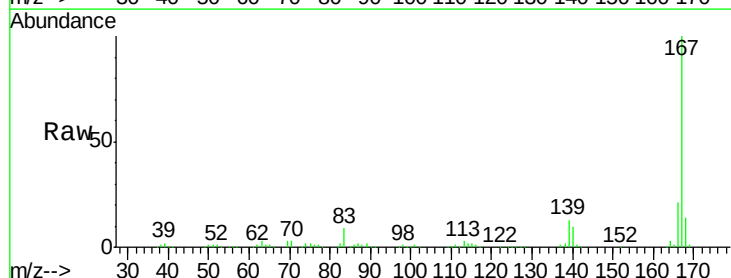
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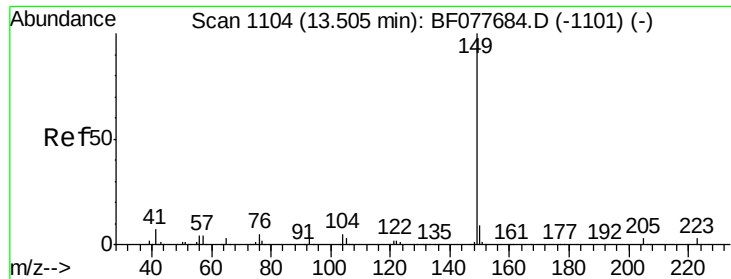
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#72
 Carbazole
 Concen: 38.80 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 37.65 ng

RT: 13.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Instrument :

BNA_F

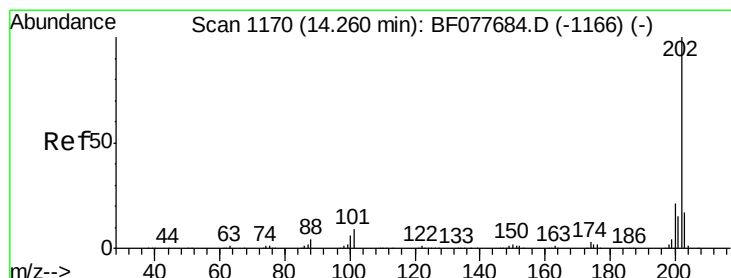
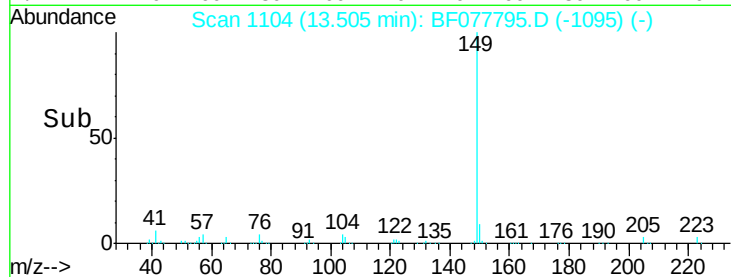
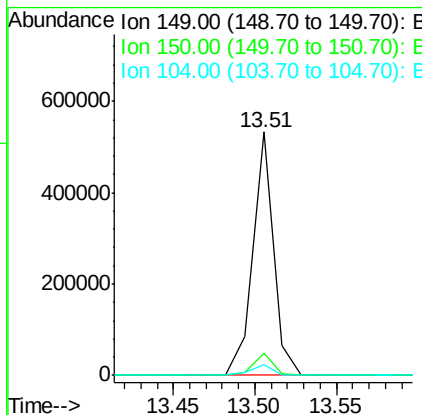
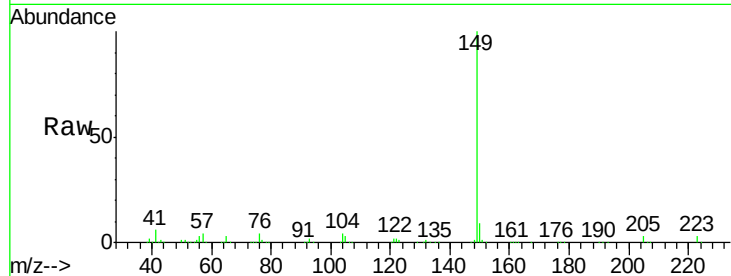
ClientSampleId :

PB82120BS

Tot Ion:	149	Resp:	469592
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	4.4	3.7	5.5

Manual Integrations
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#74

Fluoranthene

Concen: 37.15 ng

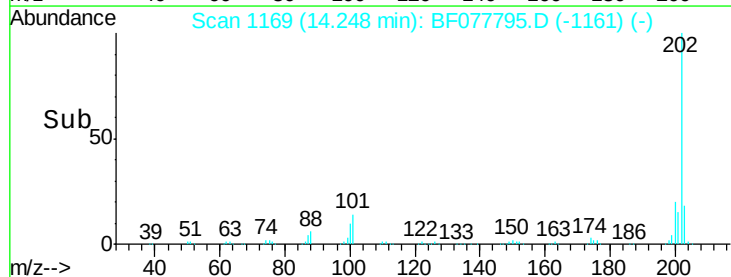
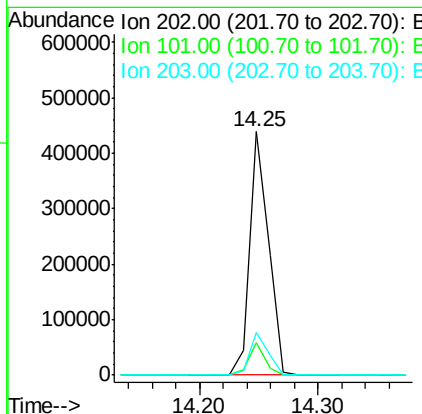
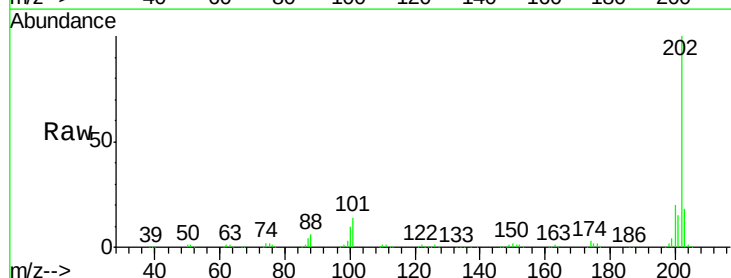
RT: 14.25 min Scan# 1169

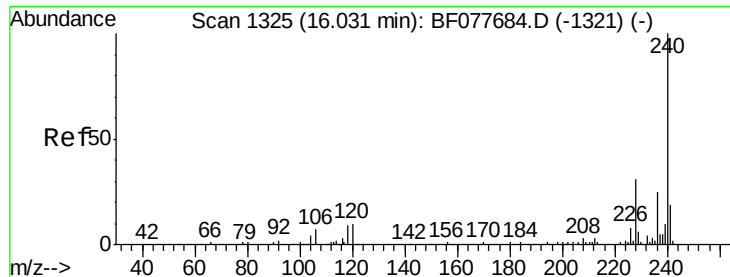
Delta R.T. -0.01 min

Lab File: BF077795.D

Acq: 18 Mar 2015 11:46

Tgt Ion:	202	Resp:	485021
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	28.7
203	17.5	0.0	37.2





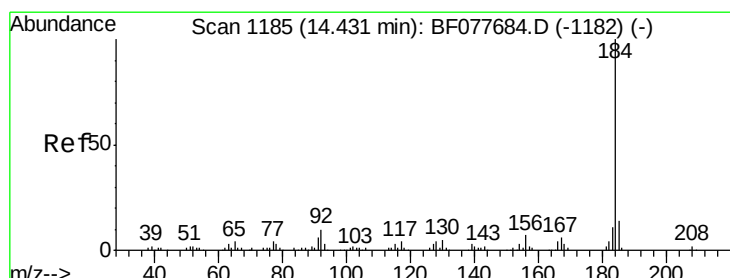
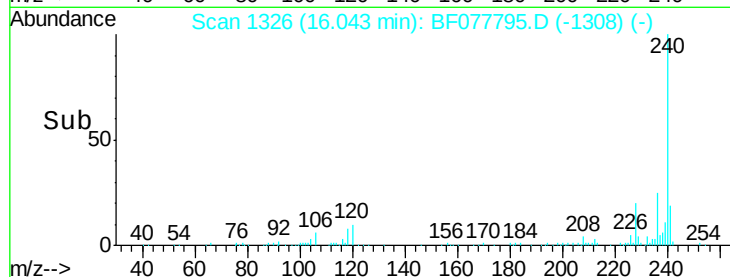
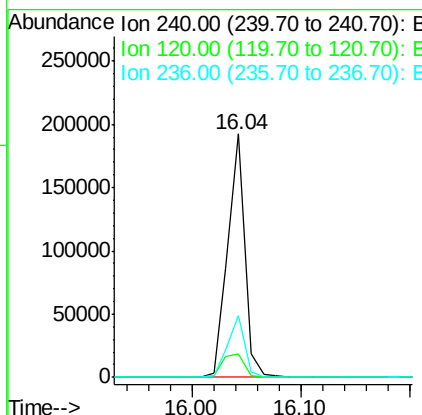
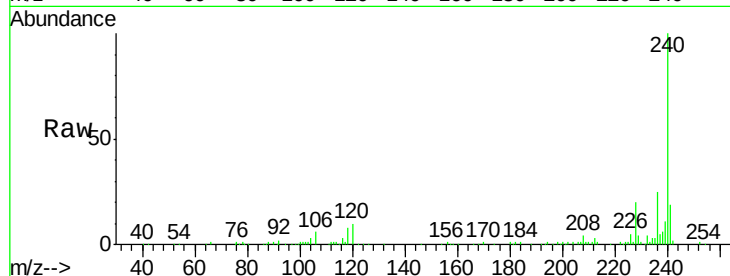
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. -0.09 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.2	12.2
236	25.3	20.0	30.0

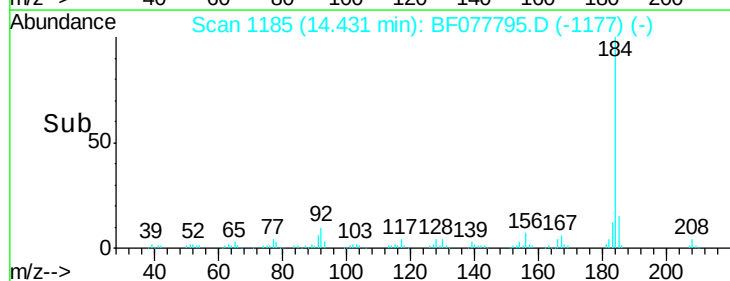
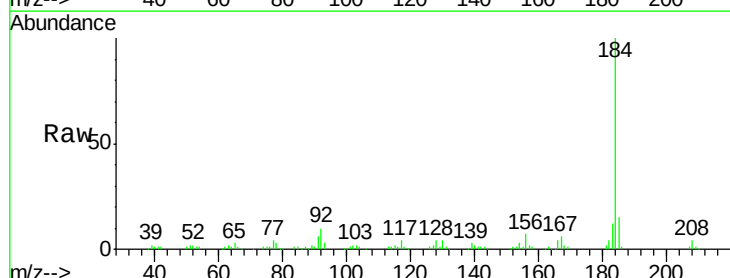
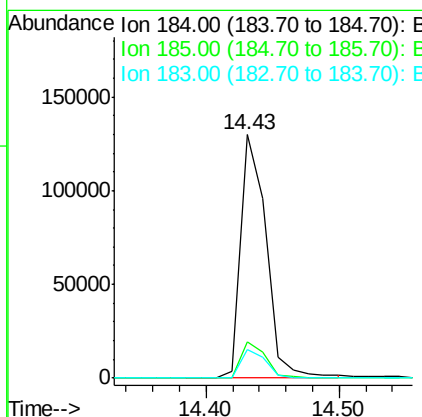
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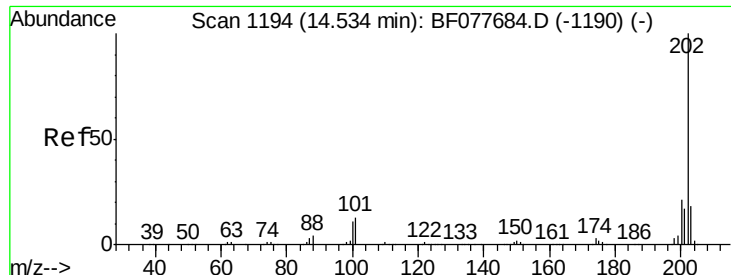
mohammad
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#76
Benzidine
Concen: 33.05 ng m
RT: 14.43 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.3	16.9
183	11.7	8.9	13.3





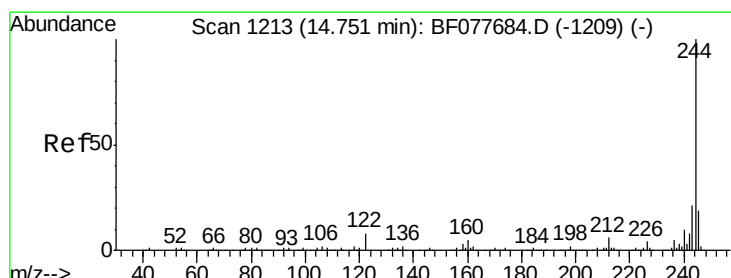
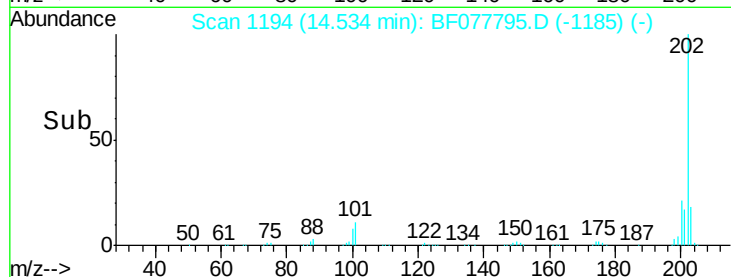
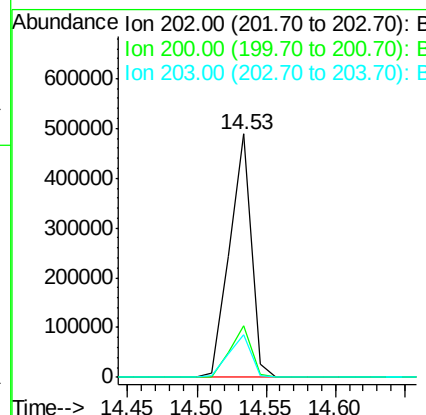
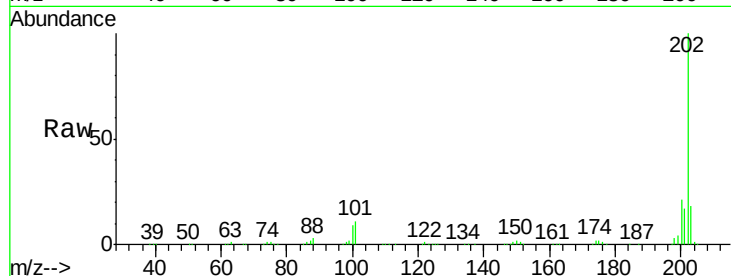
#77
Pvrene
Concen: 40.16 ng m
RT: 14.53 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	528117		
200	21.2		16.9	25.3
203	17.5		14.1	21.1

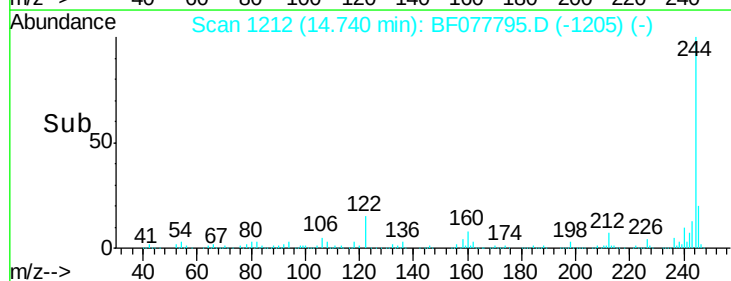
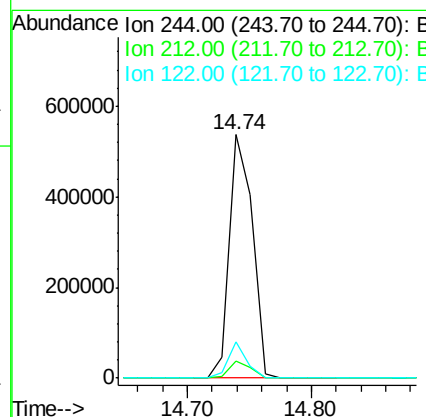
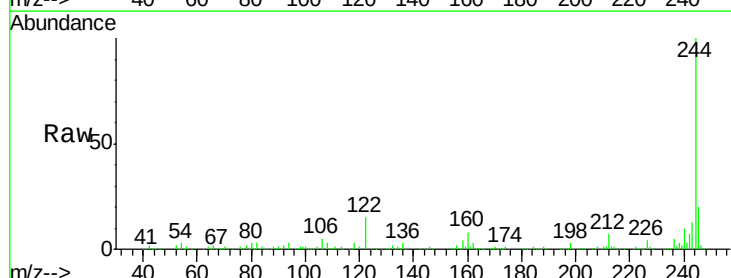
Manual Integrations
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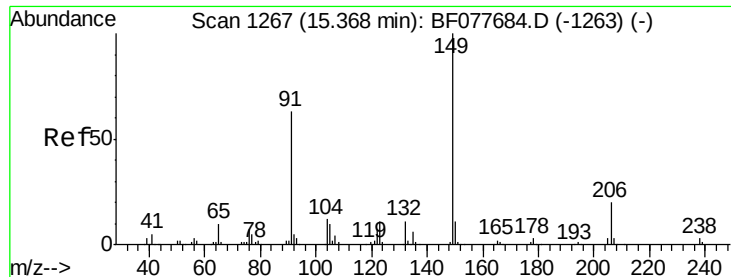
mohammad
3/20/2015 1:48:08 PM



#78
Terphenyl-d14
Concen: 79.93 ng m
RT: 14.74 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	684288		
212	7.0		4.9	7.3
122	14.8		6.2	9.4





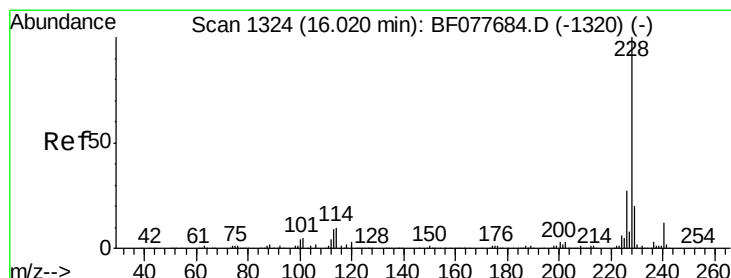
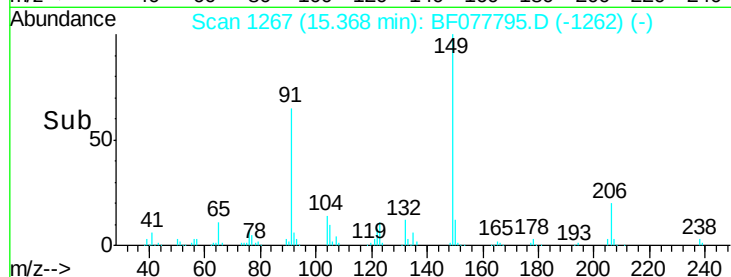
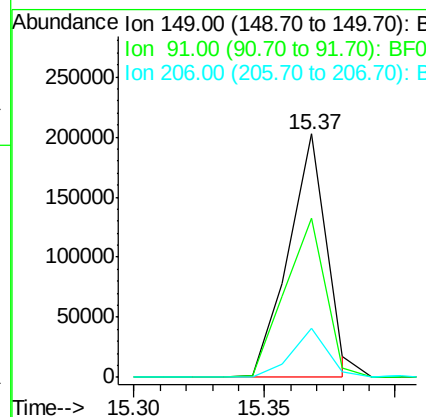
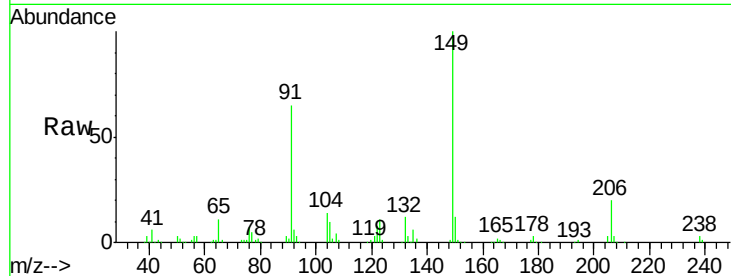
#79
Butylbenzylphthalate
Concen: 39.58 ng
RT: 15.37 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleID :
PB82120BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		205211		
91	65.3	50.1	75.1		
206	20.4	16.2	24.2		

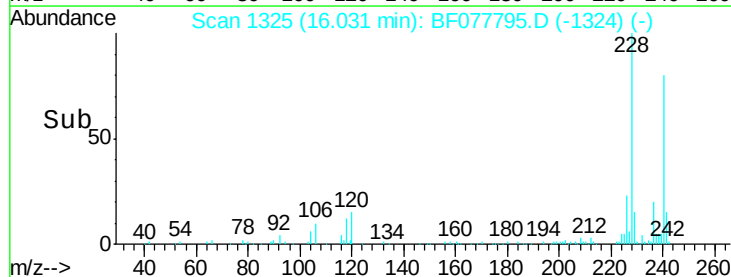
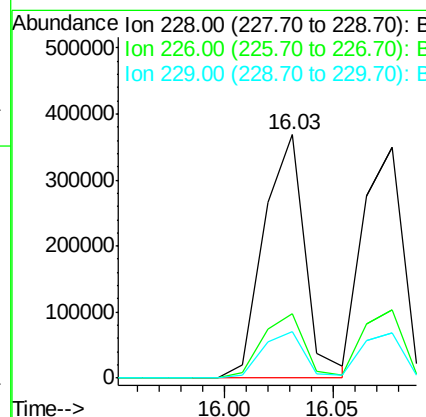
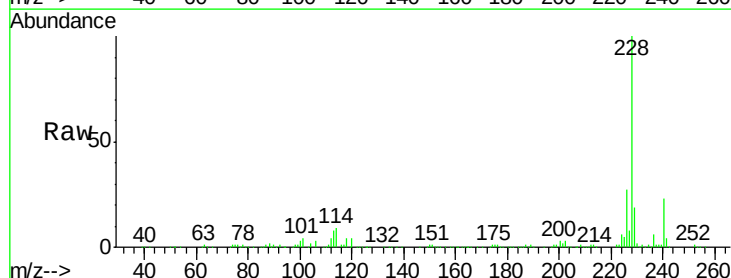
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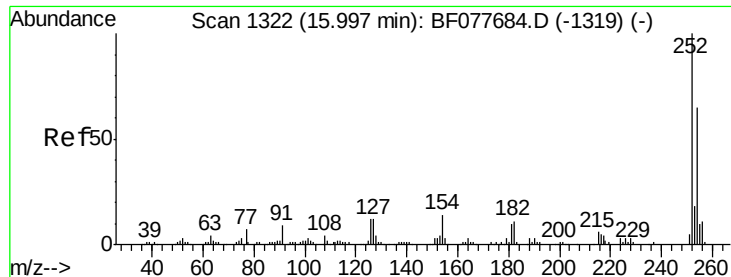
mohammad
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#80
Benzo(a)anthracene
Concen: 39.33 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.09 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		487606		
226	26.7	21.7	32.5		
229	19.3	16.0	24.0		





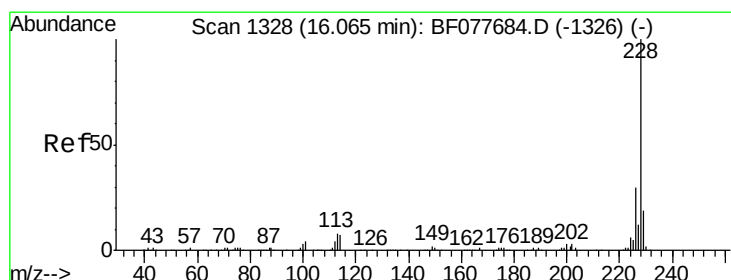
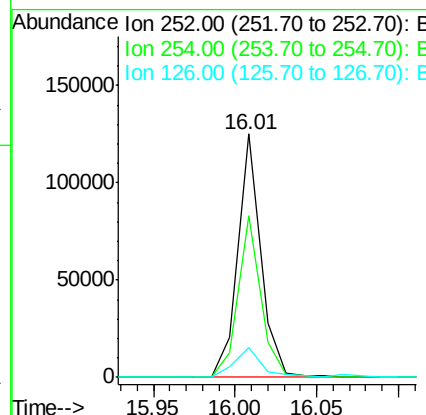
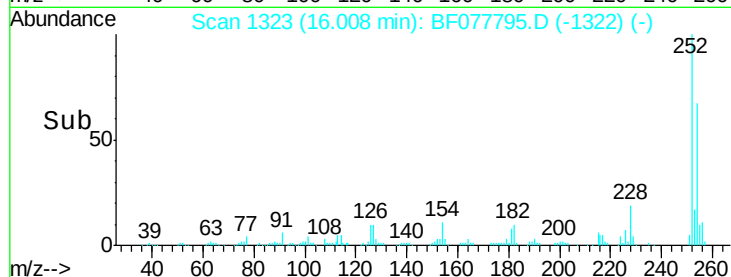
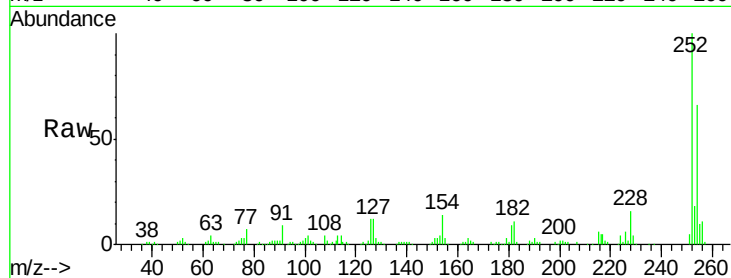
#81
 3,3'-Dichlorobenzidine
 Concen: 29.97 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. -0.09 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.2	51.9	77.9
126	12.2	9.8	14.8

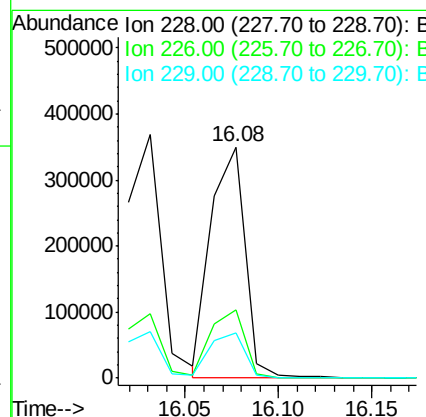
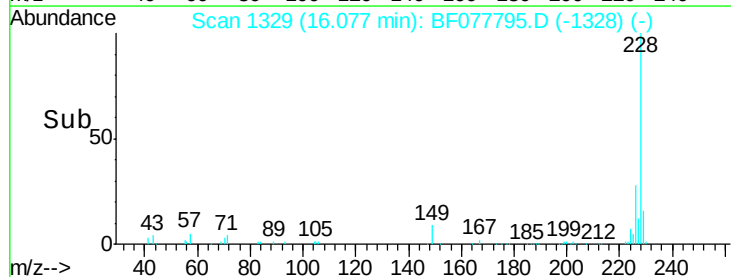
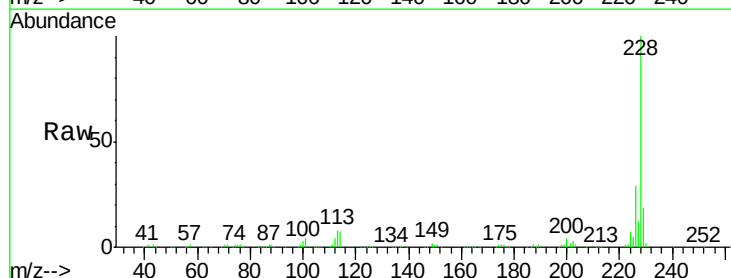
Manual Integrations
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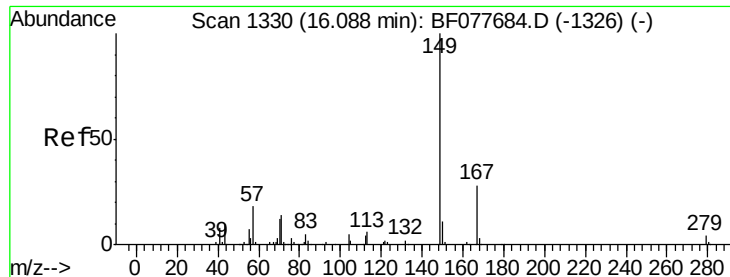
mohammad
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#82
 Chrysene
 Concen: 40.16 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.09 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.4	15.5	23.3





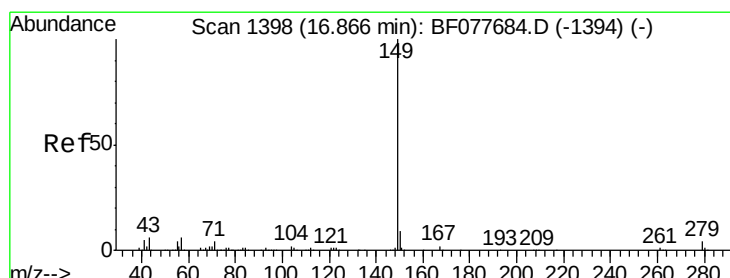
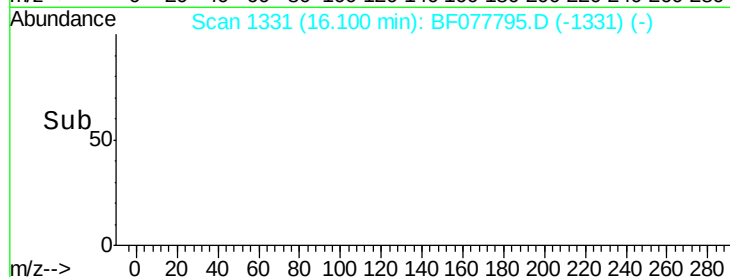
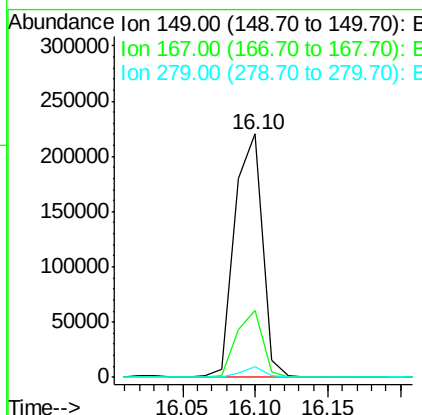
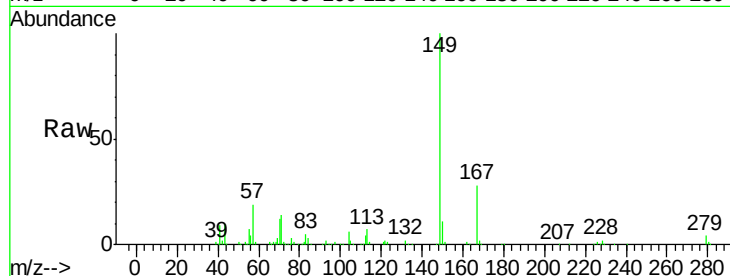
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.25 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. -0.10 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	27.6	22.4	33.6
279	4.2	3.4	5.0

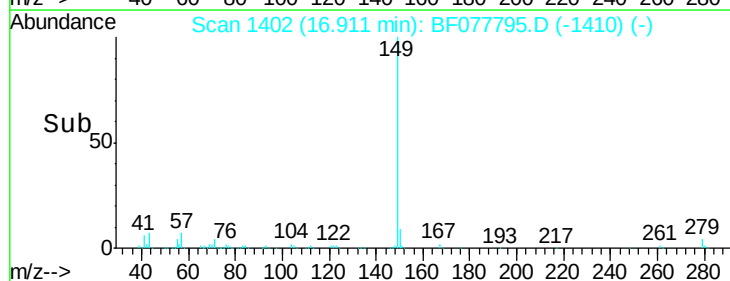
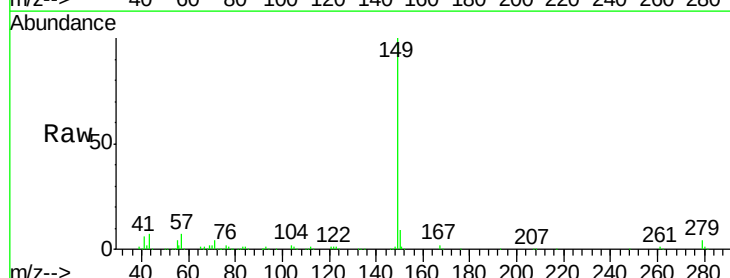
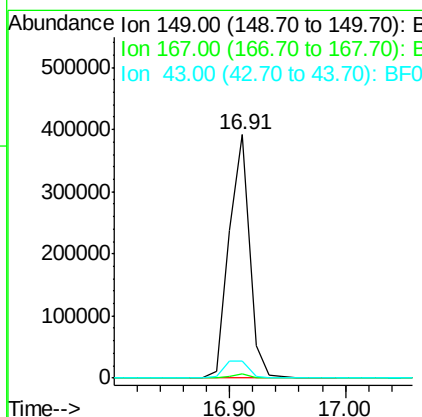
Manual Integrations
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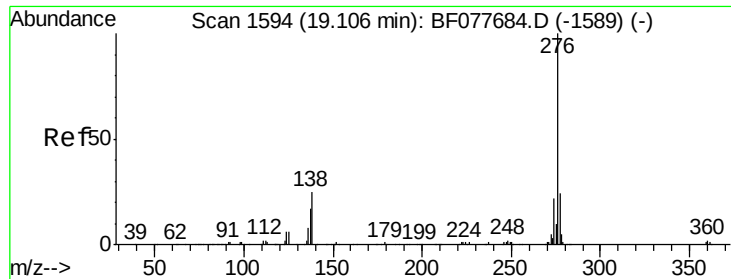
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 35.84 ng m
 RT: 16.91 min Scan# 1402
 Delta R.T. -0.19 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

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





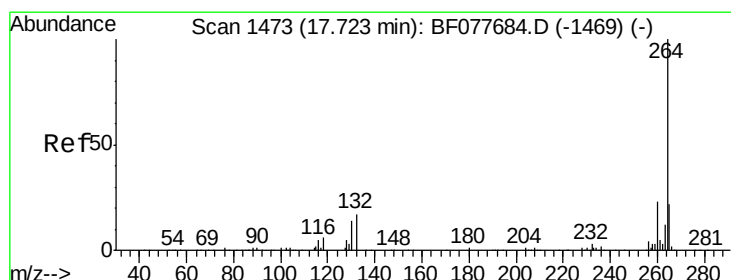
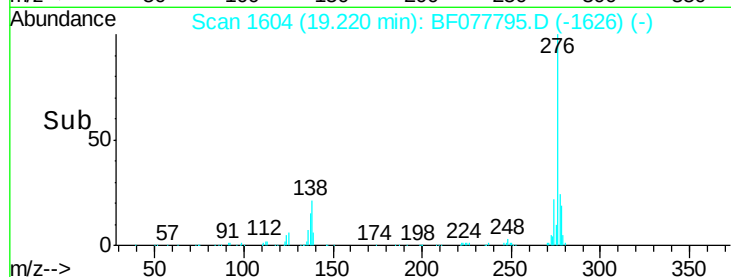
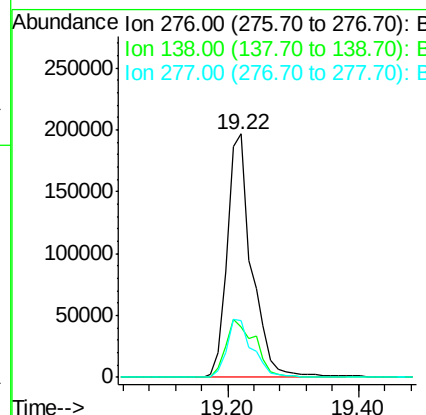
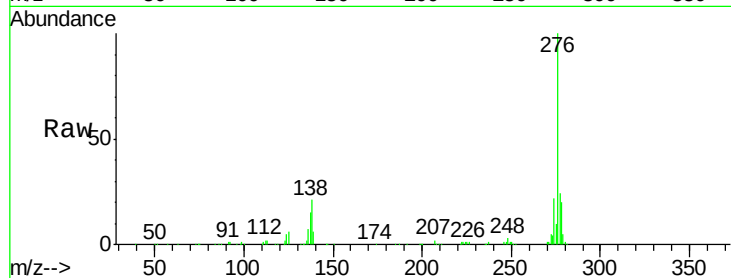
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.41 ng/ml
RT: 19.22 min Scan# 1604
Delta R.T. -0.35 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleID :
PB82120BS

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

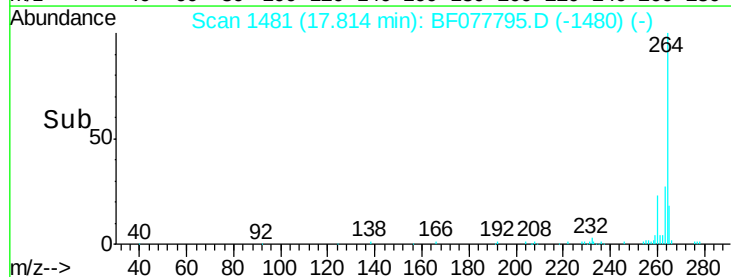
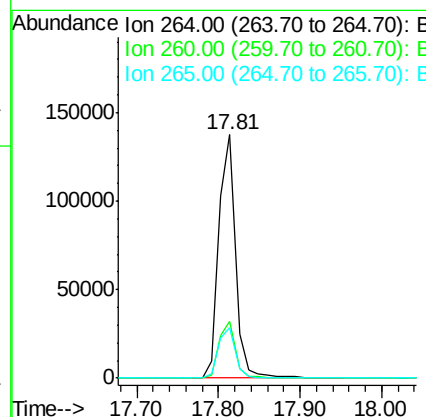
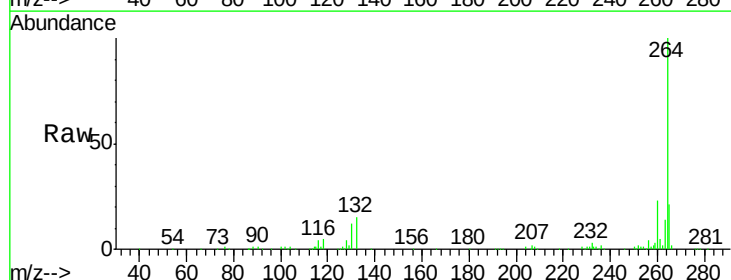
Manual Integrations
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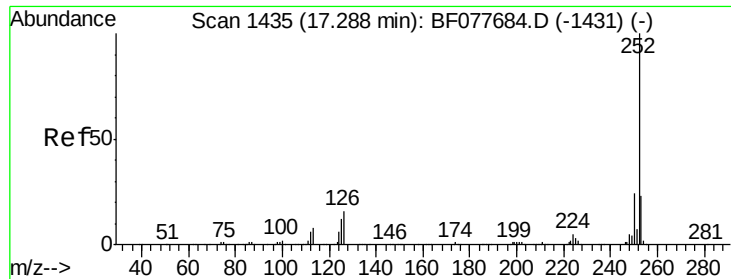
mohammad
3/20/2015 1:48:08 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1481
Delta R.T. -0.29 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.4	18.6	27.8
265	20.8	17.3	25.9





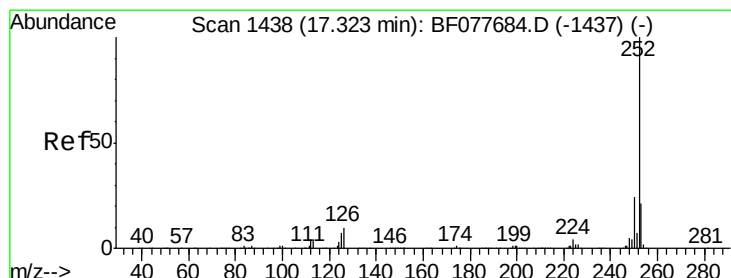
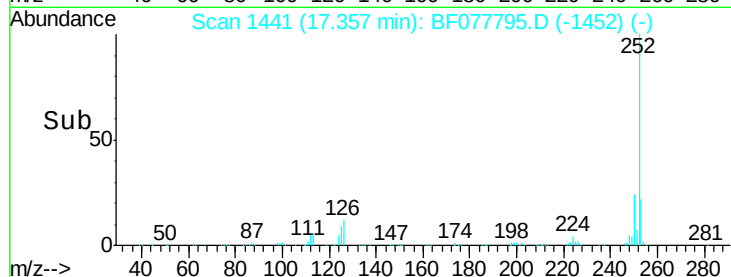
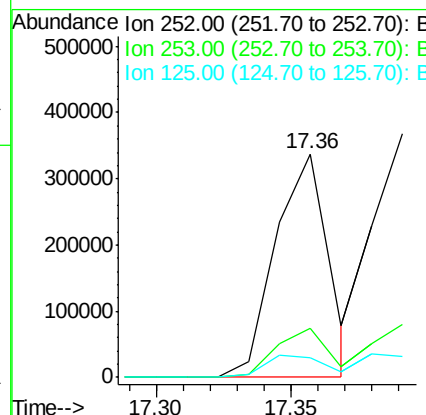
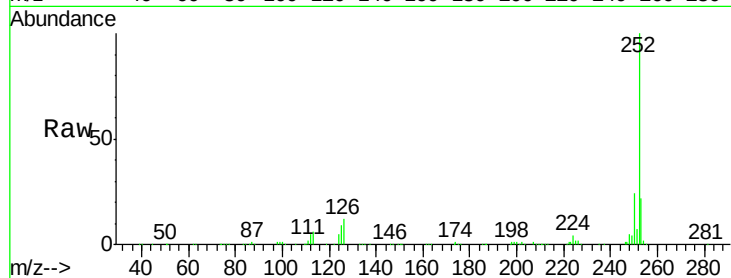
#87
Benzo(b)fluoranthene
Concen: 36.00 ng m
RT: 17.36 min Scan# 1441
Delta R.T. -0.23 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.9	9.9	14.9

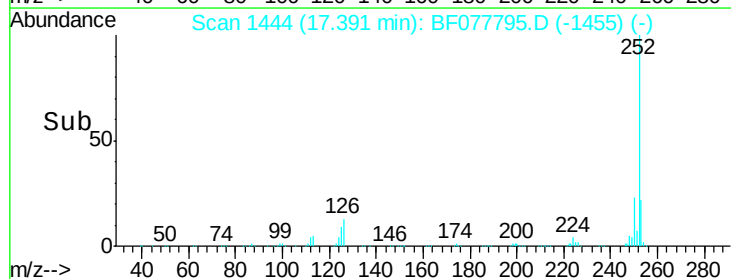
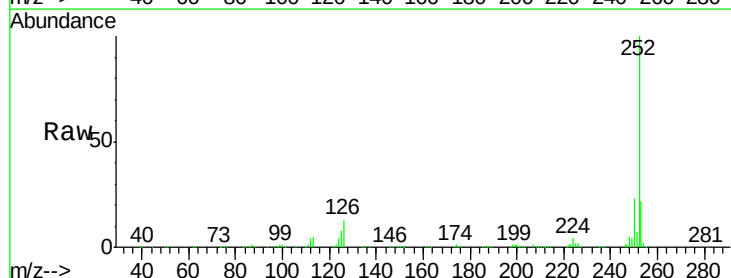
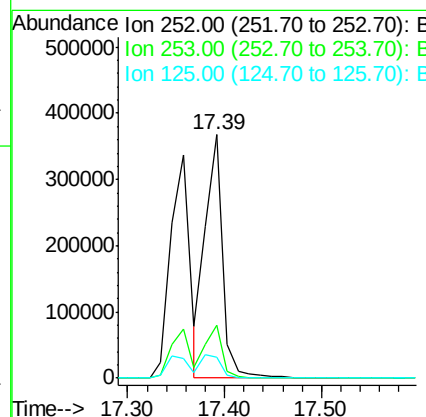
Manual Integrations
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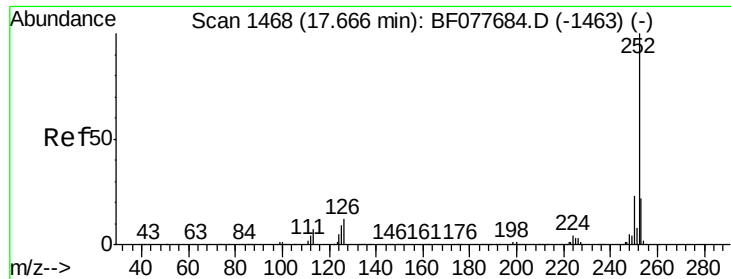
mohammad
3/20/2015 1:48:08 PM



#88
Benzo(k)fluoranthene
Concen: 46.65 ng m
RT: 17.39 min Scan# 1444
Delta R.T. -0.23 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.5	8.1	12.1





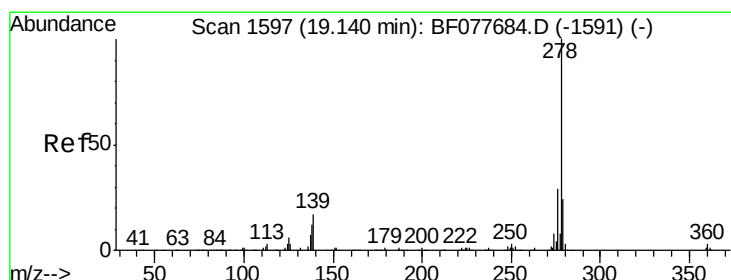
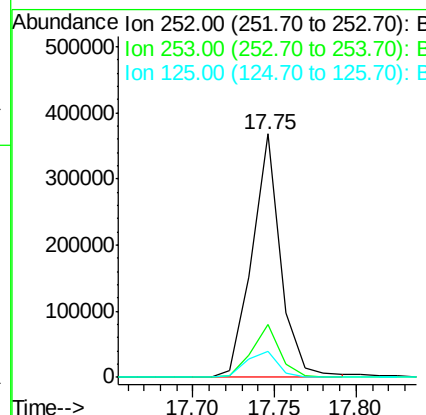
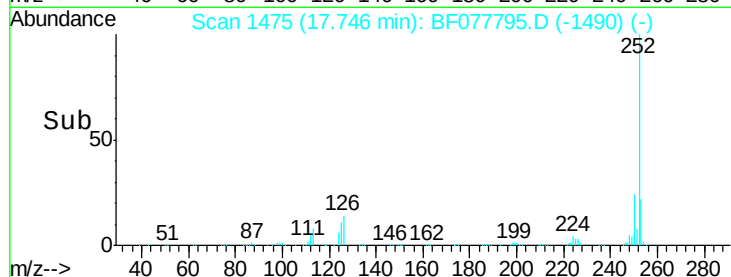
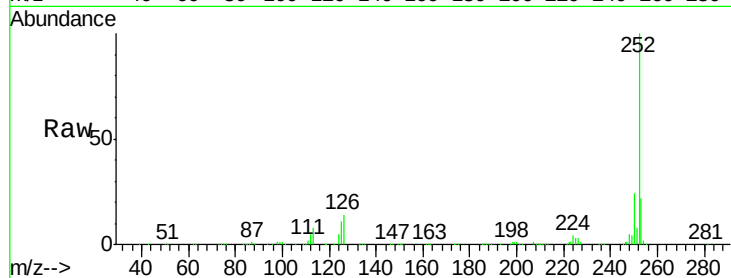
#89
Benzo(a)pyrene
Concen: 41.72 ng
RT: 17.75 min Scan# 1475
Delta R.T. -0.27 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tot Ion:	252	Resp:	446113
Ion Ratio		Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.7	7.4	11.2

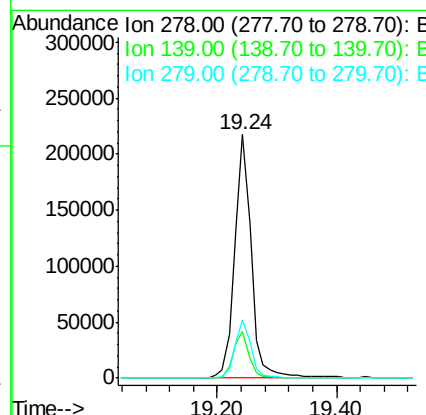
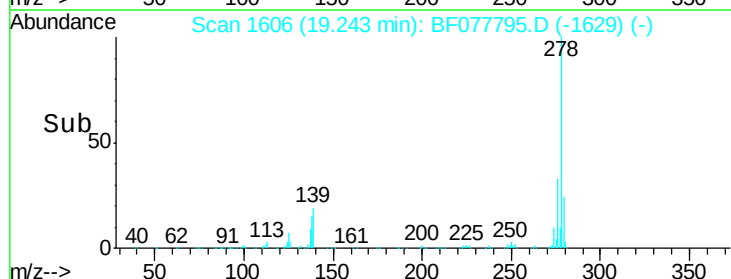
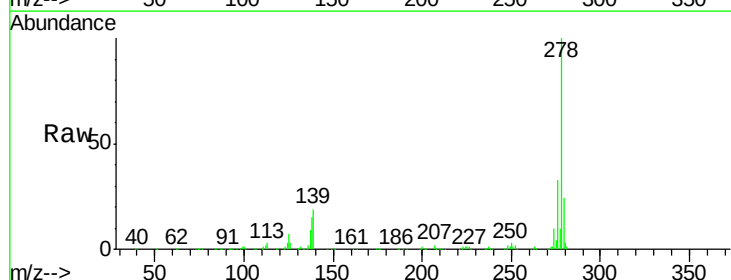
Manual Integrations
APPROVED

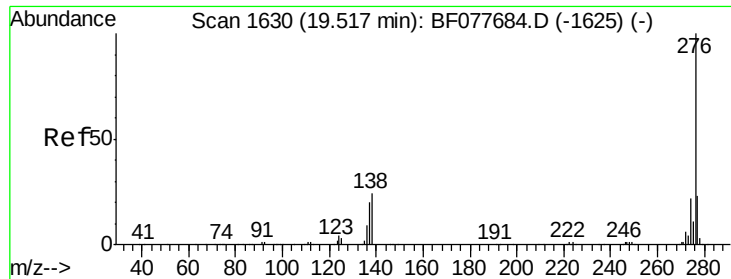
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 39.71 ng m
RT: 19.24 min Scan# 1606
Delta R.T. -0.37 min
Lab File: BF077795.D
Acq: 18 Mar 2015 11:46

Tgt Ion:	278	Resp:	421187
Ion Ratio		Lower	Upper
278	100		
139	18.9	13.4	20.0
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.07 ng/ml
 RT: 19.63 min Scan# 1640
 Delta R.T. -0.37 min
 Lab File: BF077795.D
 Acq: 18 Mar 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tot Ion:	276	Resp:	443431
Ion Ratio		Lower	Upper
276	100		
277	22.9	18.5	27.7
138	21.0	19.0	28.6

Manual Integrations
 APPROVED

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