

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075577.D
 Acq On : 16 Nov 2014 11:40
 Operator : TP / JJ
 Sample : F4648-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:39:41 PM

Quant Time: Nov 17 04:57:27 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 04:16:34 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	43823	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	181772	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	97108	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	162815	20.00	ng	0.00
75) Chrysene-d12	16.46	240	166917	20.00	ng	-0.02
86) Perylene-d12	18.21	264	169242	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.86	112	467354	188.40	ng	0.01
7) Phenol-d6	7.11	99	567617	190.28	ng	0.00
23) Nitrobenzene-d5	8.25	82	332082	133.94	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	145221	178.55	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	654977	121.88	ng	0.00
78) Terphenyl-d14	15.17	244	694305	111.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	49111	47.16	ng	97
3) Pyridine	3.28	79	111914m	40.00	ng	
4) n-Nitrosodimethylamine	3.19	42	80366m	54.26	ng	
6) Aniline	7.14	93	98543	22.87	ng	95
8) 2-Chlorophenol	7.29	128	162448	56.58	ng	100
9) Benzaldehyde	7.00	77	8635	4.30	ng	97
10) Phenol	7.13	94	228458	62.78	ng	88
11) bis(2-Chloroethyl)ether	7.24	93	157927	57.30	ng	91
12) 1,3-Dichlorobenzene	7.48	146	165722	52.97	ng	94
13) 1,4-Dichlorobenzene	7.58	146	176616	55.49	ng	95
14) 1,2-Dichlorobenzene	7.76	146	170174	57.02	ng	94
15) Benzyl Alcohol	7.73	79	129610	55.35	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.91	45	329772	57.79	ng	96
17) 2-Methylphenol	7.88	107	129673	54.55	ng	98
18) Hexachloroethane	8.18	117	60864	55.77	ng	# 79
19) n-Nitroso-di-n-propylamine	8.06	70	113498	55.84	ng	# 95
20) 3+4-Methylphenols	8.07	107	176167	56.61	ng	# 70
22) Acetophenone	8.06	105	247501	63.12	ng	# 93
24) Nitrobenzene	8.28	77	171383	59.65	ng	# 84
25) Isophorone	8.57	82	331225	58.51	ng	94
26) 2-Nitrophenol	8.66	139	87328	66.70	ng	# 80
27) 2,4-Dimethylphenol	8.72	122	143013	56.36	ng	98
28) bis(2-Chloroethoxy)methane	8.85	93	209944	60.86	ng	98
29) 2,4-Dichlorophenol	8.96	162	134395	60.46	ng	95
30) 1,2,4-Trichlorobenzene	9.06	180	132116	56.60	ng	# 94
31) Naphthalene	9.17	128	504761	62.29	ng	100
32) Benzoic acid	8.84	122	5487	3.58	ng	94
33) 4-Chloroaniline	9.24	127	95371	27.09	ng	96
34) Hexachlorobutadiene	9.32	225	70174	55.63	ng	96
35) Caprolactam	9.65	113	48498	65.83	ng	# 86
36) 4-Chloro-3-methylphenol	9.84	107	150346	61.64	ng	91
37) 2-Methylnaphthalene	10.02	142	342479	61.94	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	126210	63.23	ng	99
40) Hexachlorocyclopentadiene	10.22	237	138515	114.23	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.38	196	94286	59.40	ng	99
43) 2,4,5-Trichlorophenol	10.42	196	98249	59.43	ng #	94
45) 1,1'-Biphenyl	10.61	154	404191	61.71	ng	97
46) 2-Chloronaphthalene	10.63	162	321956	62.86	ng	95
47) 2-Nitroaniline	10.76	65	103504	67.17	ng #	78
48) Acenaphthylene	11.14	152	541583	64.13	ng	99
49) Dimethylphthalate	10.98	163	387771	58.42	ng	98
50) 2,6-Dinitrotoluene	11.06	165	84102	64.32	ng #	68
51) Acenaphthene	11.36	154	306689	60.17	ng	98
52) 3-Nitroaniline	11.27	138	71105	46.12	ng #	79
53) 2,4-Dinitrophenol	11.40	184	64418	85.40	ng	82
54) Dibenzofuran	11.58	168	436400	59.90	ng	90
55) 4-Nitrophenol	11.49	139	157055	127.43	ng #	59
56) 2,4-Dinitrotoluene	11.56	165	109259	63.61	ng #	70
57) Fluorene	12.00	166	350839	59.55	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.73	232	78490	59.81	ng #	94
59) Diethylphthalate	11.86	149	370292	53.75	ng	99
60) 4-Chlorophenyl-phenylether	12.00	204	142953	56.43	ng	99
61) 4-Nitroaniline	12.02	138	89749	58.23	ng	85
62) Azobenzene	12.20	77	341646	56.37	ng	96
64) 4,6-Dinitro-2-methylphenol	12.06	198	49325	59.90	ng #	44
65) n-Nitrosodiphenylamine	12.15	169	297310	57.73	ng	99
66) 4-Bromophenyl-phenylether	12.62	248	88499	57.78	ng	95
67) Hexachlorobenzene	12.68	284	104260	59.94	ng	94
68) Atrazine	12.82	200	97667	61.11	ng	96
69) Pentachlorophenol	12.93	266	109363	100.17	ng	97
70) Phenanthrene	13.20	178	543763	63.46	ng	99
71) Anthracene	13.26	178	530532	59.90	ng	99
72) Carbazole	13.47	167	538558	62.14	ng	99
73) Di-n-butylphthalate	13.90	149	629876	52.62	ng #	99
74) Fluoranthene	14.68	202	566057	61.68	ng	100
76) Benzidine	14.85	184	133589	25.17	ng	99
77) Pyrene	14.96	202	592289	61.04	ng	100
79) Butylbenzylphthalate	15.77	149	299828	55.02	ng	96
80) Benzo(a)anthracene	16.45	228	537994	61.35	ng	99
81) 3,3'-Dichlorobenzidine	16.43	252	152335	47.05	ng #	90
82) Chrysene	16.49	228	484194	63.84	ng	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	420480	48.98	ng #	98
84) Di-n-octyl phthalate	17.27	149	755290	49.98	ng	97
85) Indeno(1,2,3-cd)pyrene	19.77	276	609525m	66.25	ng	
87) Benzo(b)fluoranthene	17.74	252	624100	68.97	ng	99
88) Benzo(k)fluoranthene	17.77	252	421635m	51.92	ng	
89) Benzo(a)pyrene	18.14	252	524687	64.80	ng #	96
90) Dibenzo(a,h)anthracene	19.80	278	525793	62.19	ng #	95
91) Benzo(g,h,i)perylene	20.24	276	515623	64.01	ng	98

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

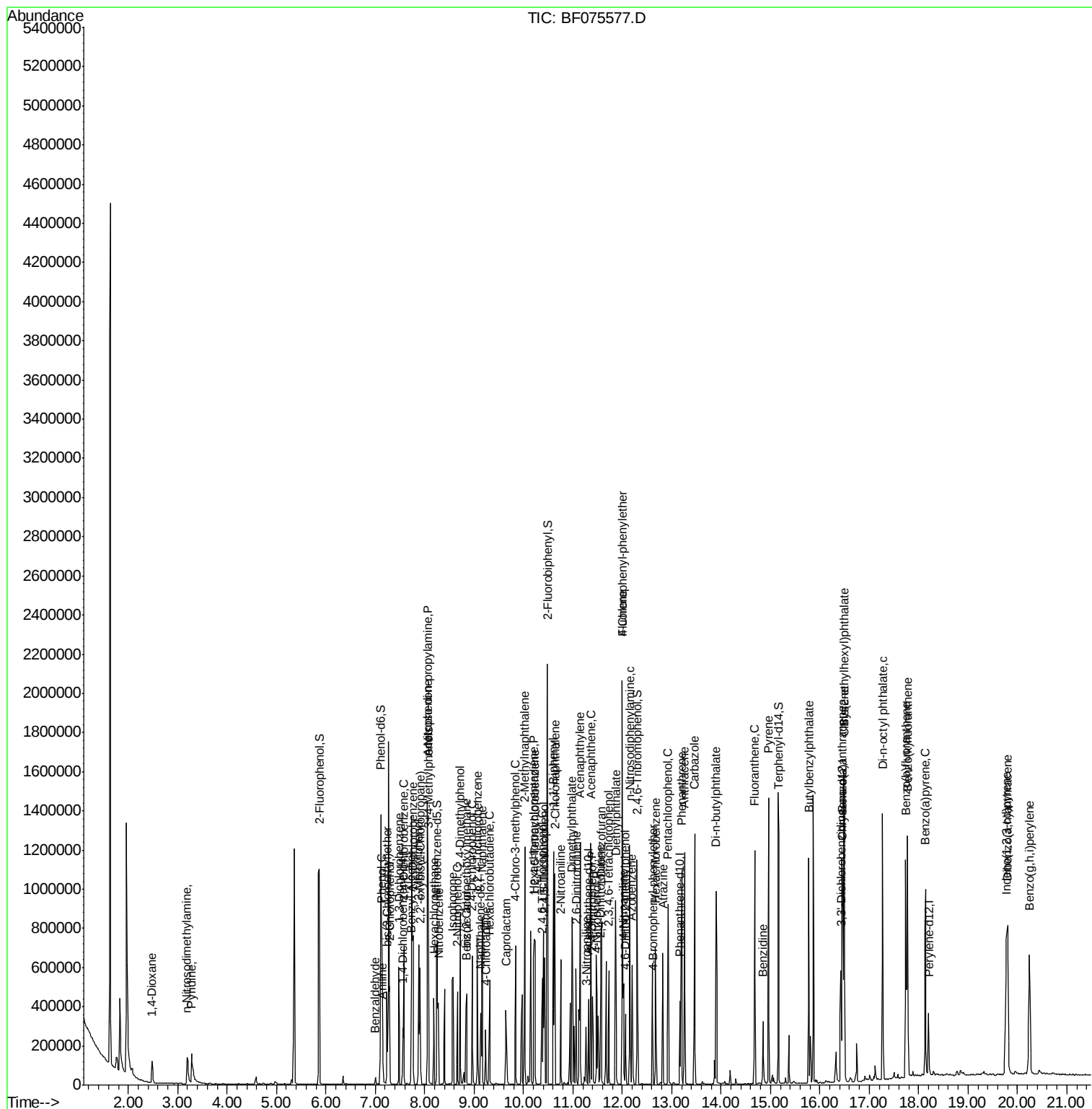
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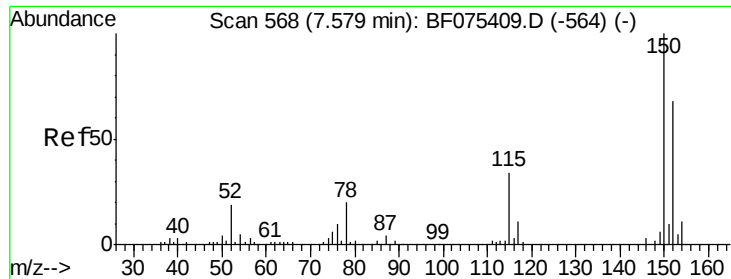
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF075577.D

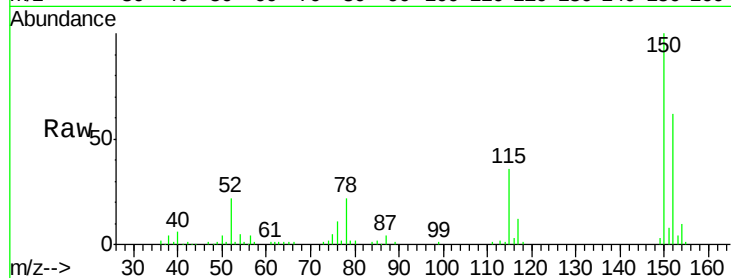
Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD



Tgt Ion:152 Resp: 43823

Ion Ratio Lower Upper

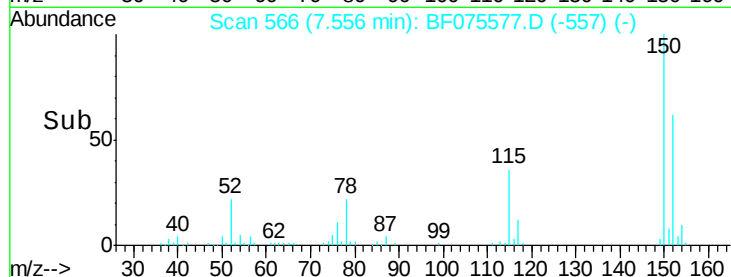
152 100

150 161.8 127.2 190.8

115 58.8 57.1 85.7

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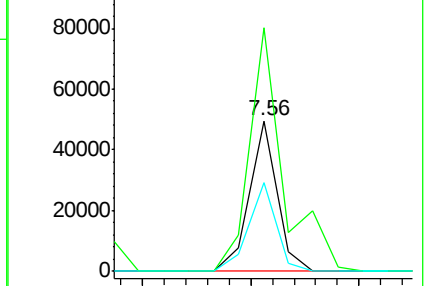
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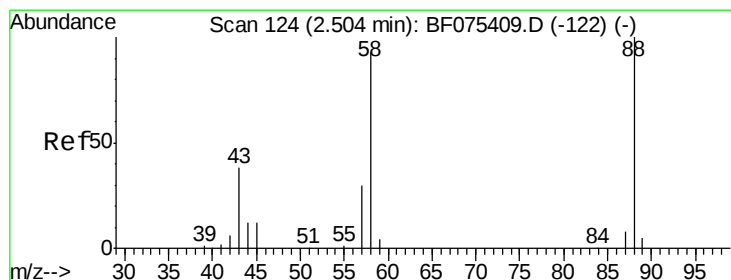
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 47.16 ng

RT: 2.48 min Scan# 122

Delta R.T. 0.02 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

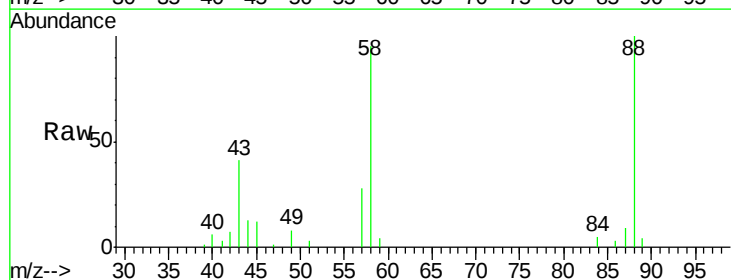
Tgt Ion: 88 Resp: 49111

Ion Ratio Lower Upper

88 100

58 91.2 73.5 110.3

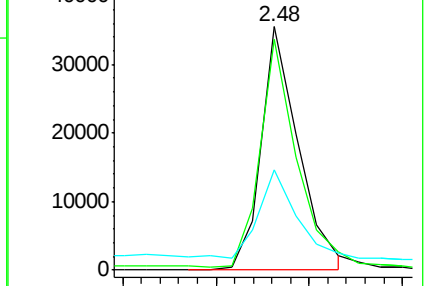
43 34.8 31.9 47.9



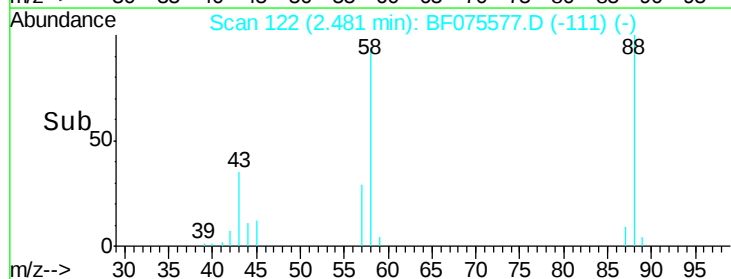
Abundance Ion 88.00 (87.70 to 88.70): BF0

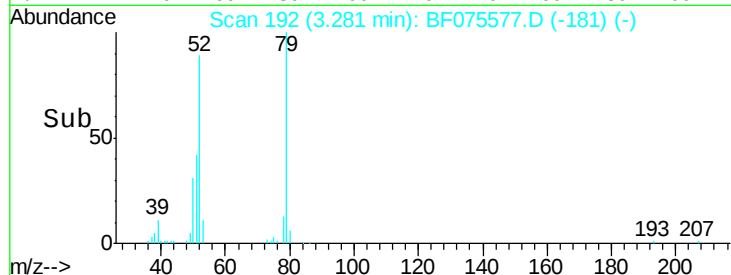
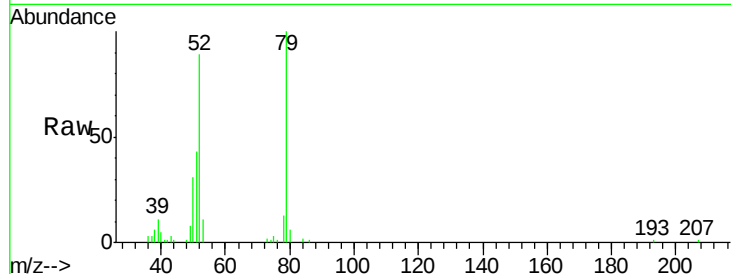
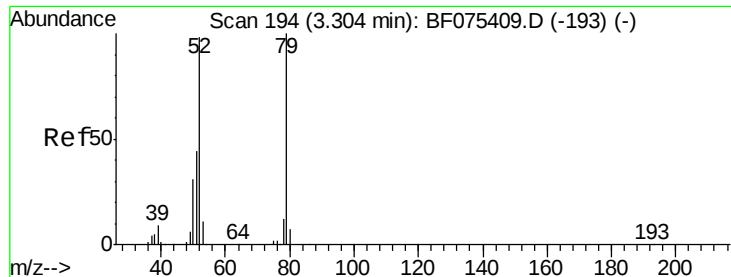
Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->





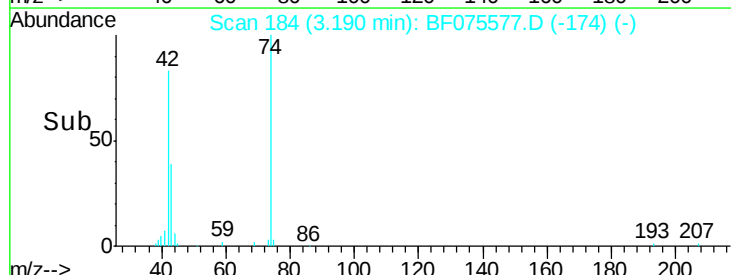
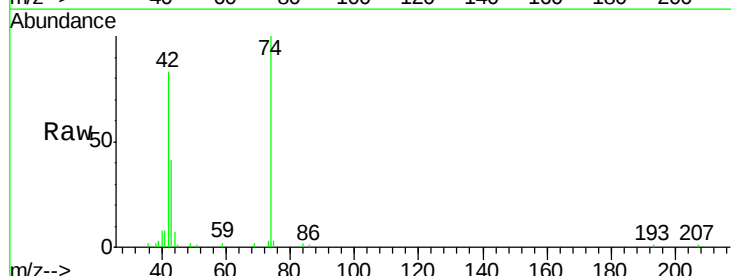
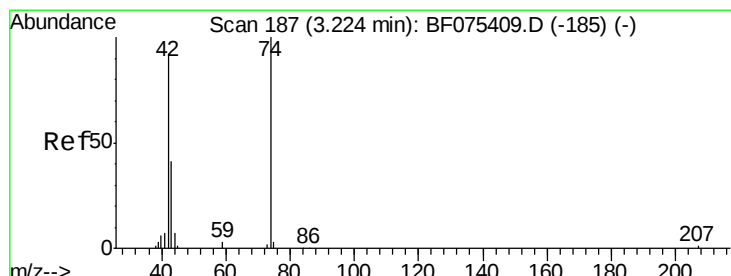
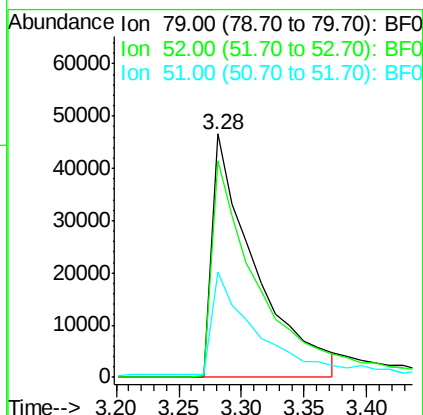
#3
 Pyridine
 Concen: 40.00 ng m
 RT: 3.28 min Scan# 192
 Delta R.T. 0.02 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion:	79	Resp:	111914
Ion	Ratio	Lower	Upper
79	100		
52	88.9	76.6	115.0
51	43.4	37.0	55.4

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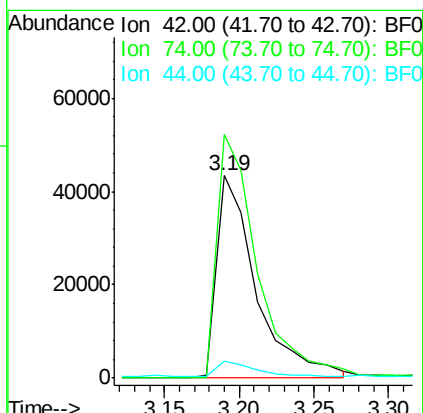
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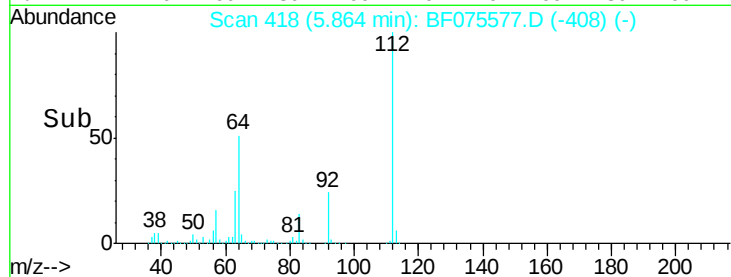
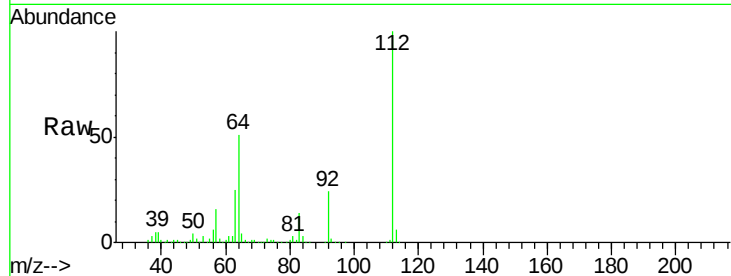
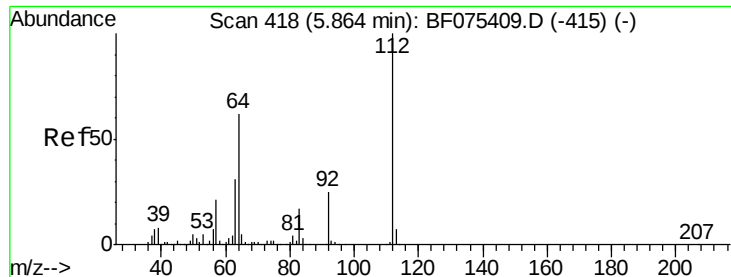
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#4
 n-Nitrosodimethylamine
 Concen: 54.26 ng m
 RT: 3.19 min Scan# 184
 Delta R.T. 0.01 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion:	42	Resp:	80366
Ion	Ratio	Lower	Upper
42	100		
74	120.5	82.4	123.6
44	8.5	8.2	12.4





#5

2-Fluorophenol

Concen: 188.40 ng

RT: 5.86 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:	112	Resp:	467354
Ion Ratio	Lower	Upper	
112	100		
64	51.0	45.8	68.6
63	24.8	22.7	34.1

Instrument :

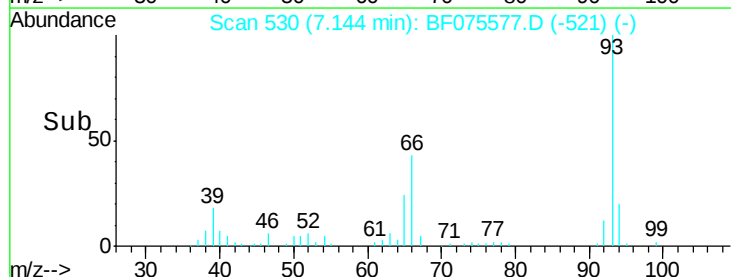
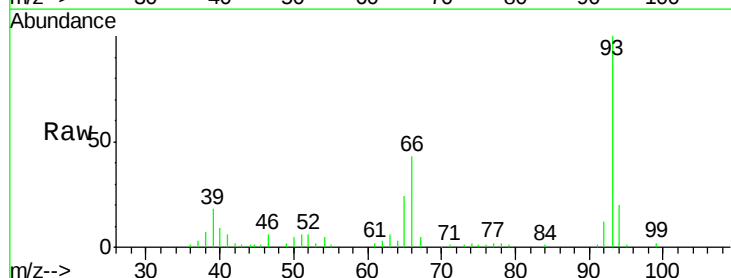
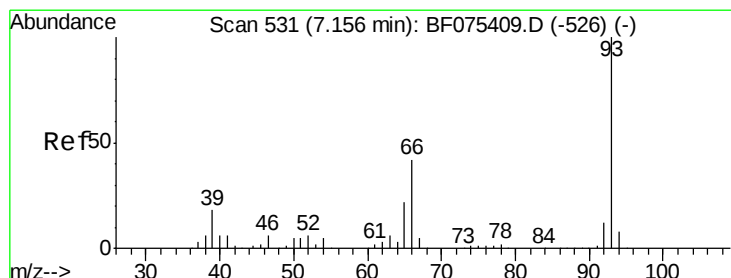
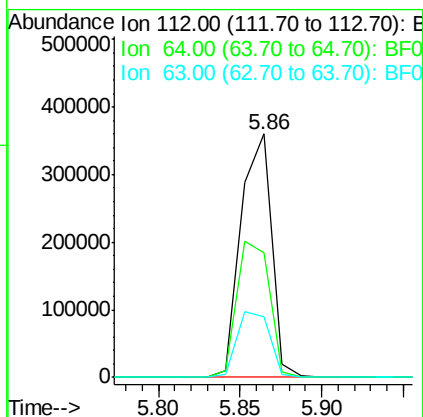
BNA_F

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#6

Aniline

Concen: 22.87 ng

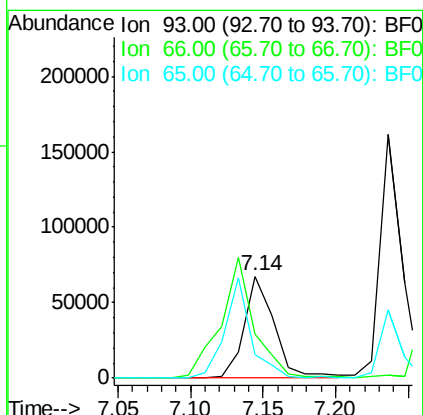
RT: 7.14 min Scan# 530

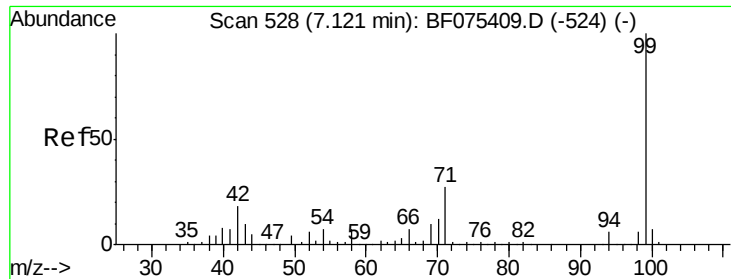
Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:	93	Resp:	98543
Ion Ratio	Lower	Upper	
93	100		
66	42.6	31.8	47.8
65	23.6	16.6	25.0





#7

Phenol-d6

Concen: 190.28 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

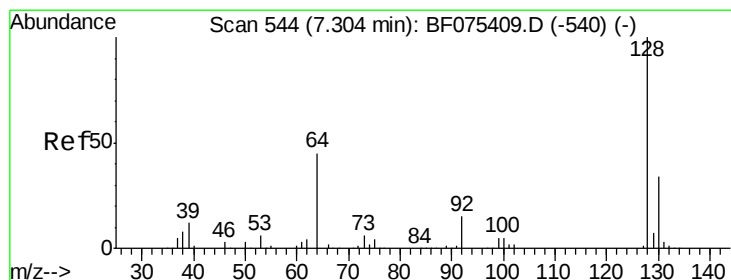
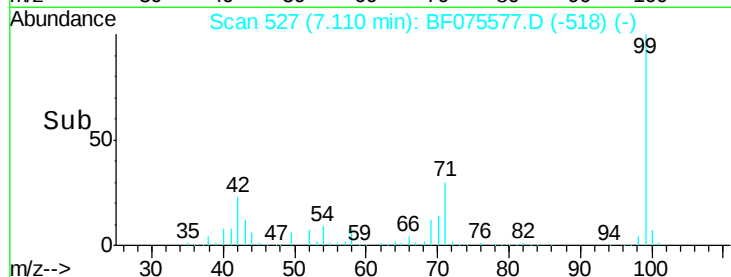
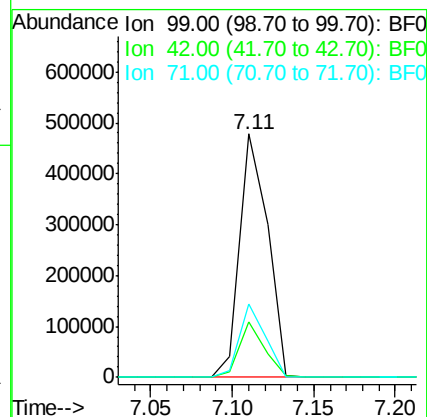
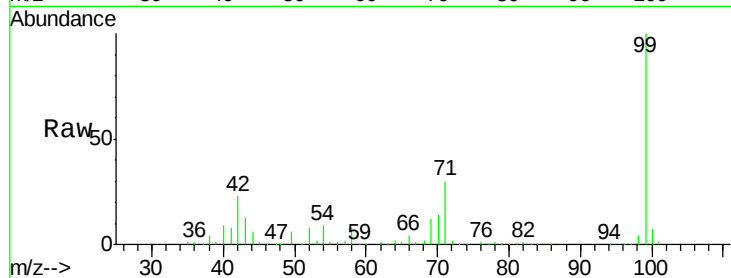
ClientSampleId :

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Tgt Ion:	99	Resp:	567617
Ion Ratio	Lower	Upper	
99	100		
42	22.8	19.8	29.6
71	30.3	25.5	38.3

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#8

2-Chlorophenol

Concen: 56.58 ng

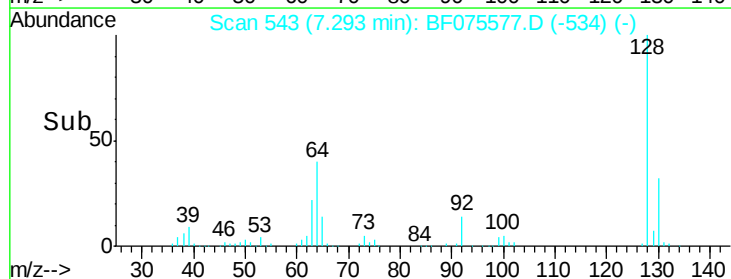
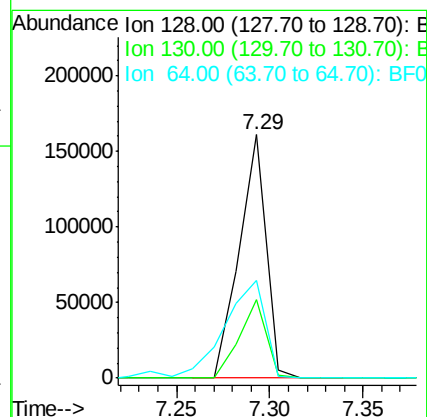
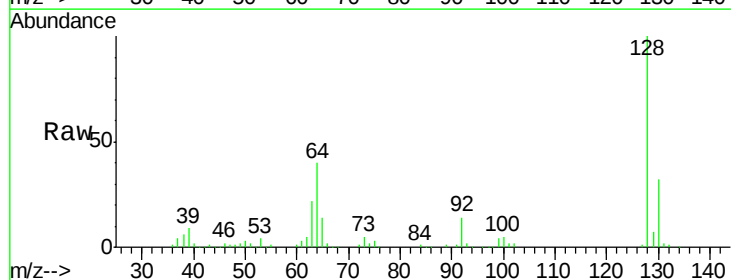
RT: 7.29 min Scan# 543

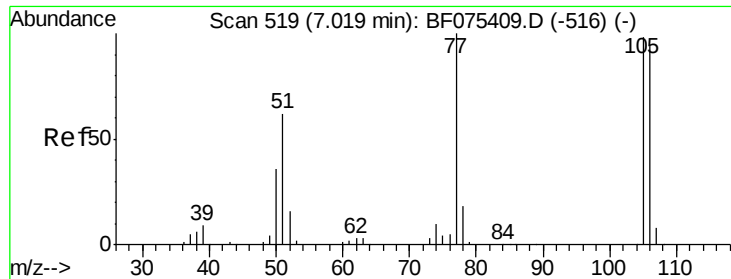
Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:	128	Resp:	162448
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.7	52.7
64	40.3	20.3	60.3





#9

Benzaldehyde

Concen: 4.30 ng

RT: 7.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF075577.D

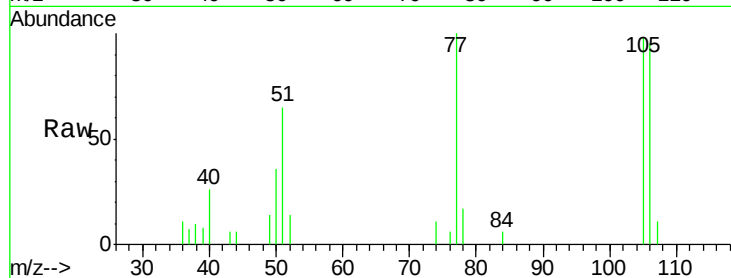
Acq: 16 Nov 2014 11:40

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Tgt Ion: 77 Resp: 8635

Ion Ratio Lower Upper

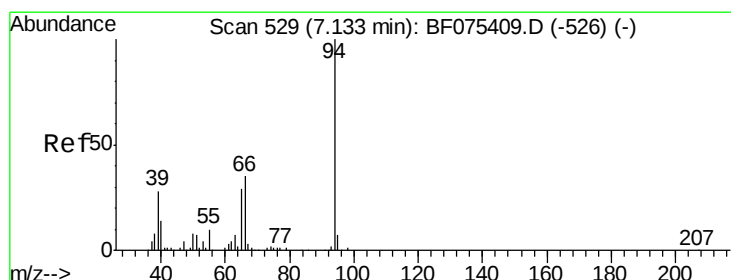
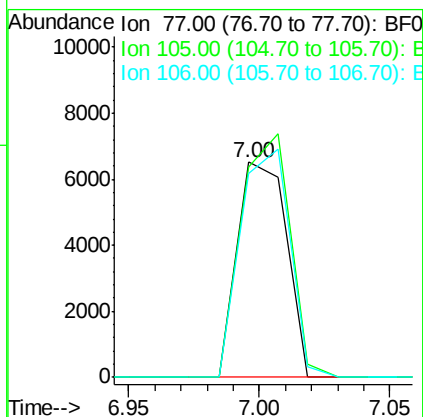
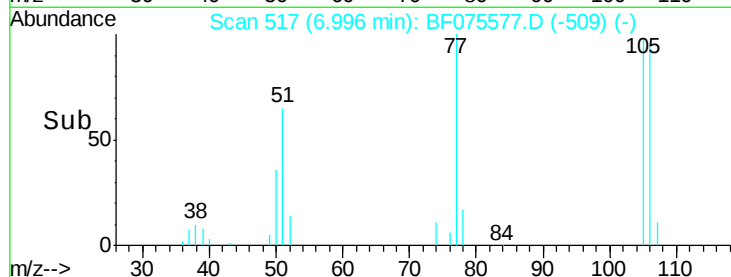
77 100

105 97.7 81.6 121.6

106 94.8 77.5 117.5

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#10

Phenol

Concen: 62.78 ng

RT: 7.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

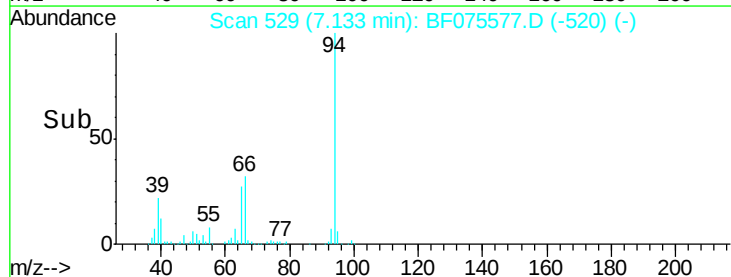
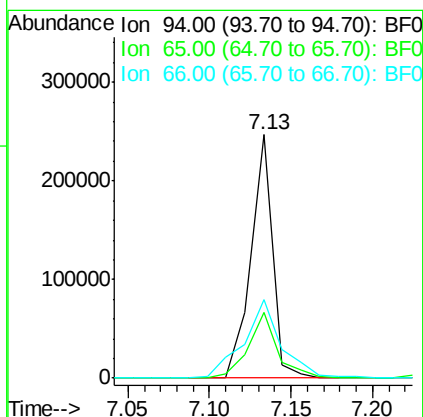
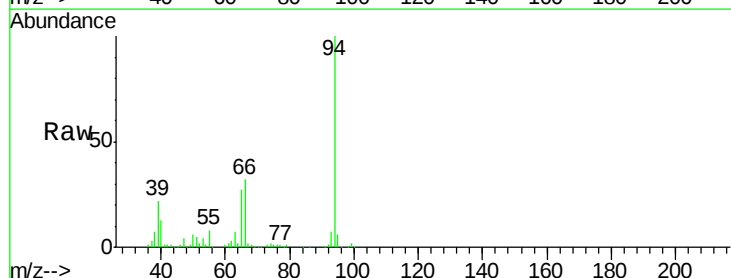
Tgt Ion: 94 Resp: 228458

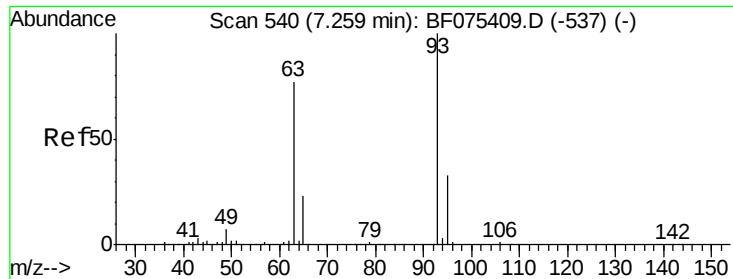
Ion Ratio Lower Upper

94 100

65 26.8 13.1 53.1

66 32.3 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 57.30 ng

RT: 7.24 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

Tgt Ion: 93 Resp: 157927
Ion Ratio Lower Upper

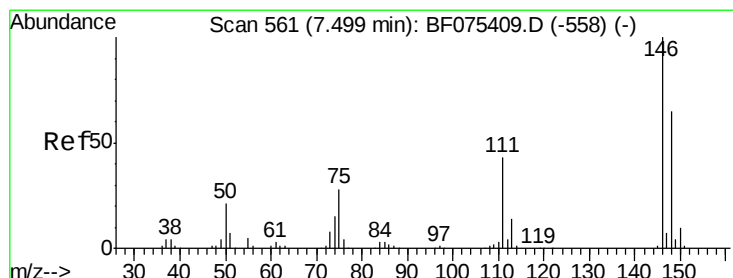
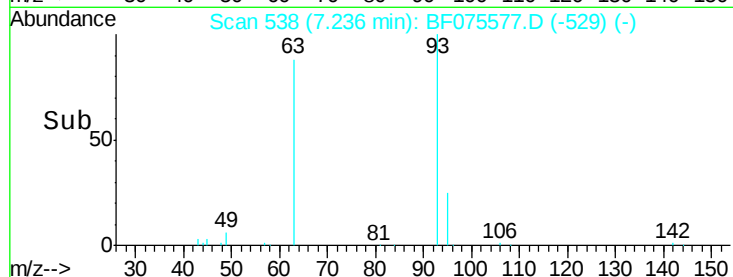
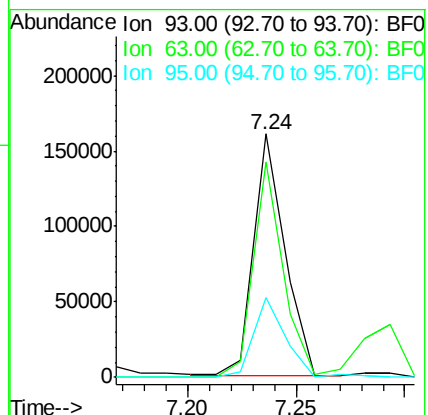
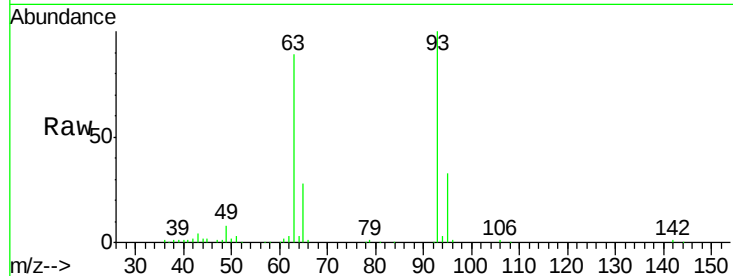
93 100

63 88.7 79.8 119.8

95 32.5 11.2 51.2

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#12

1,3-Dichlorobenzene

Concen: 52.97 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF075577.D

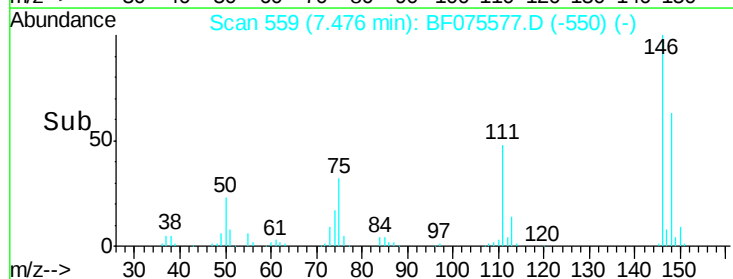
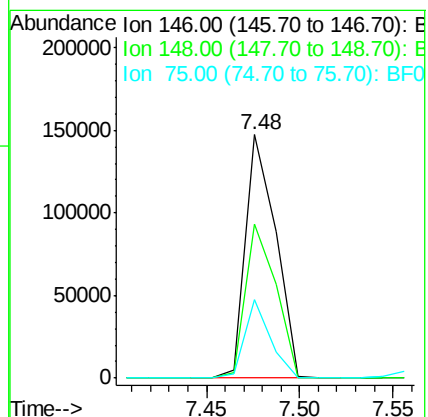
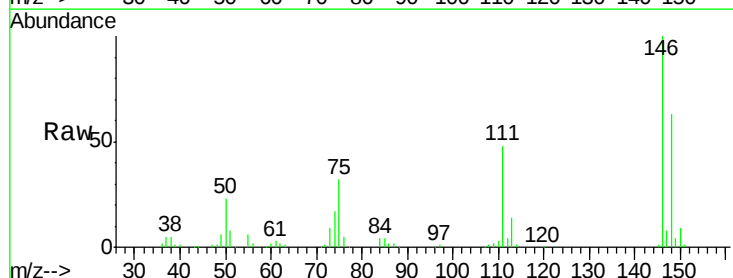
Acq: 16 Nov 2014 11:40

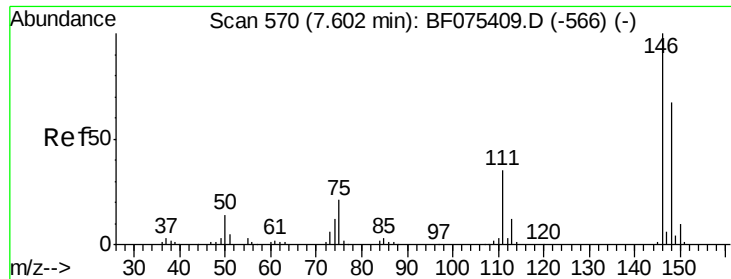
Tgt Ion: 146 Resp: 165722
Ion Ratio Lower Upper

146 100

148 63.4 53.1 79.7

75 32.0 21.5 32.3





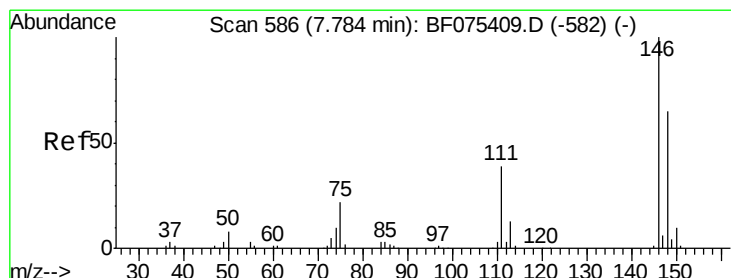
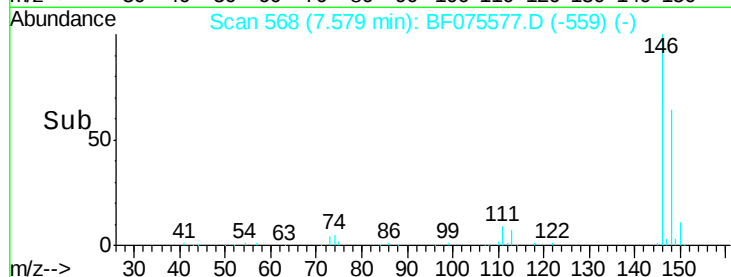
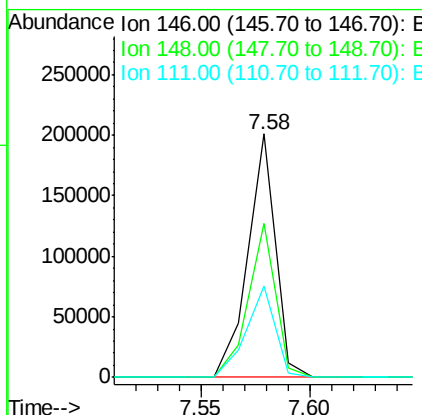
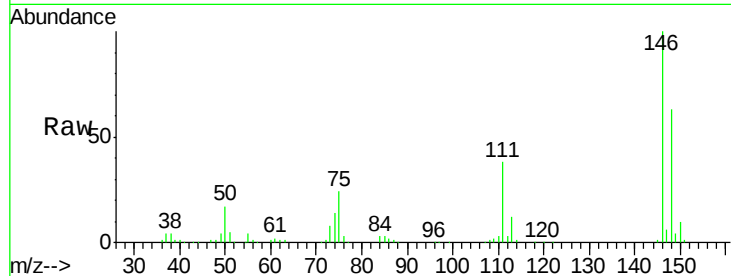
#13
 1,4-Dichlorobenzene
 Concen: 55.49 ng
 RT: 7.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.9	74.9
111	37.7	35.8	53.6

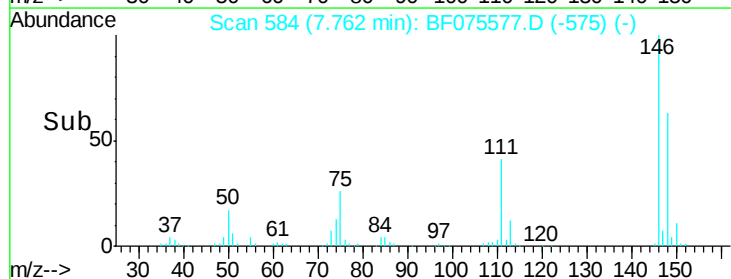
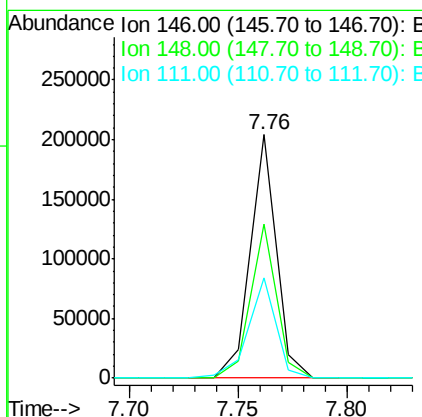
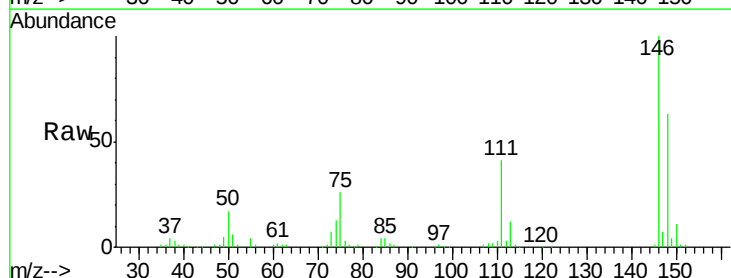
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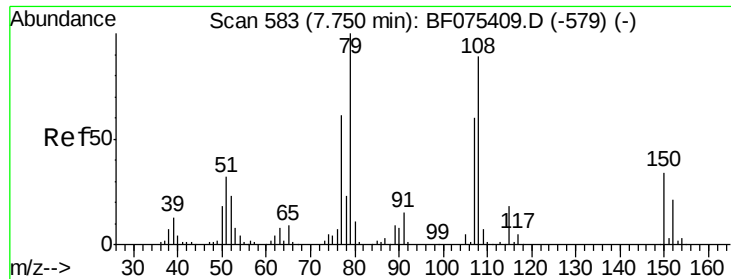
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#14
 1,2-Dichlorobenzene
 Concen: 57.02 ng
 RT: 7.76 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.7	76.1
111	41.0	39.9	59.9





#15

Benzyl Alcohol

Concen: 55.35 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

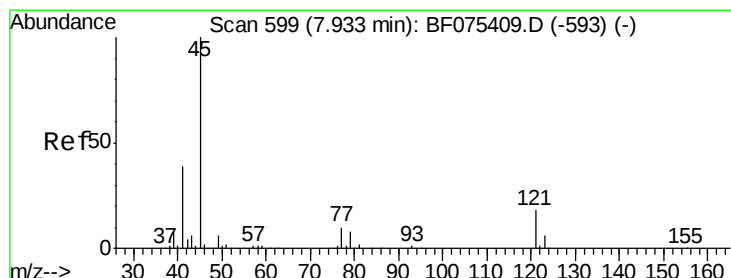
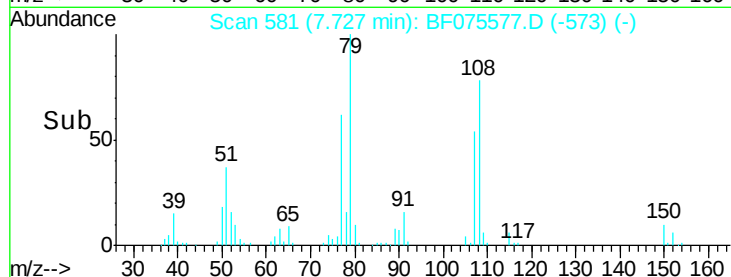
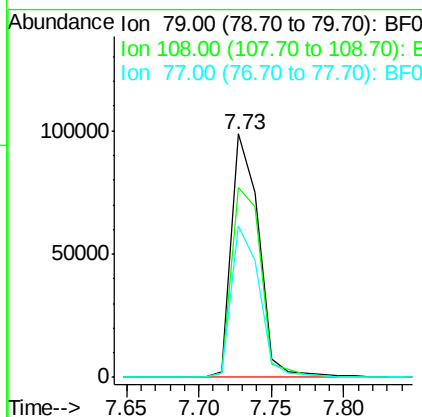
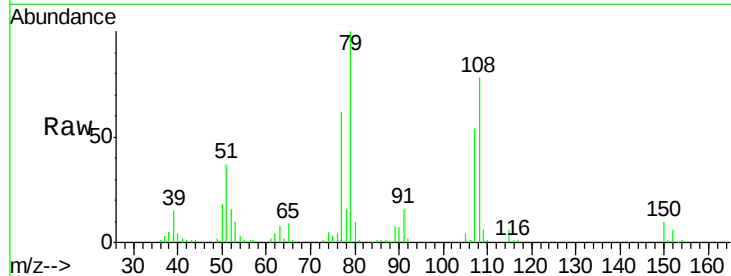
ClientSampleId :

REC-2-1(1.5-2.0)MSD

Tgt Ion:	79	Resp:	129610
Ion Ratio	Lower	Upper	
79	100		
108	78.0	75.5	113.3
77	62.0	52.1	78.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.79 ng

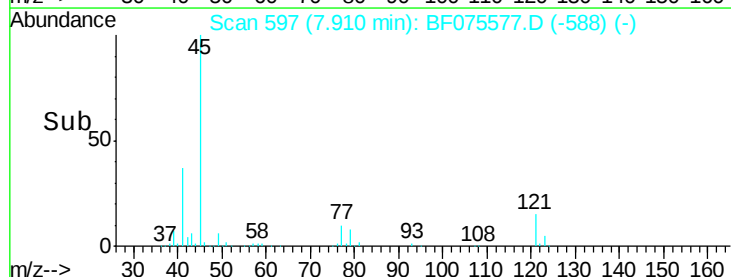
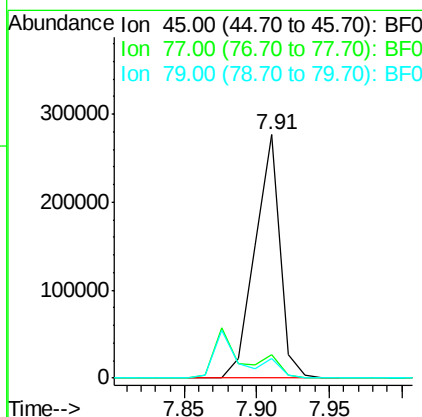
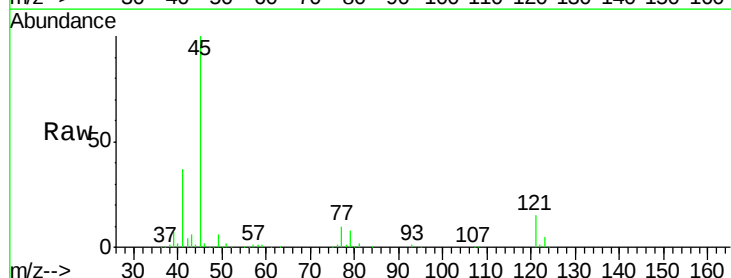
RT: 7.91 min Scan# 597

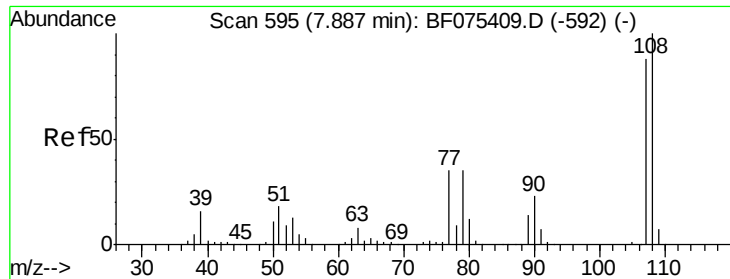
Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:	45	Resp:	329772
Ion Ratio	Lower	Upper	
45	100		
77	9.5	0.0	28.6
79	8.2	0.0	26.5





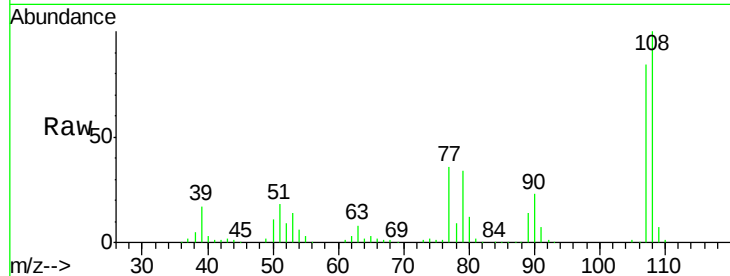
#17
2-Methylphenol
Concen: 54.55 ng
RT: 7.88 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

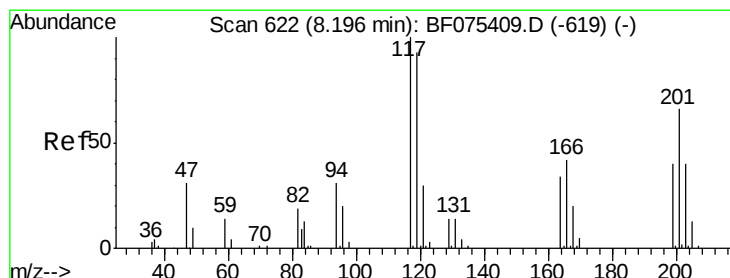
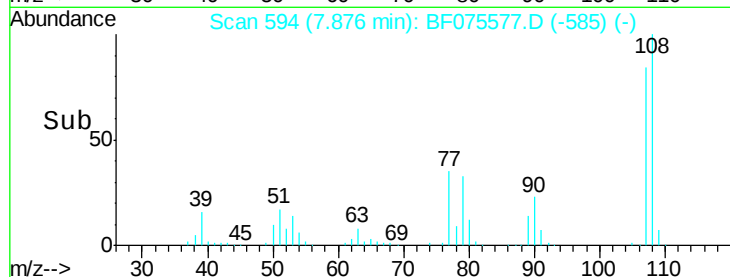
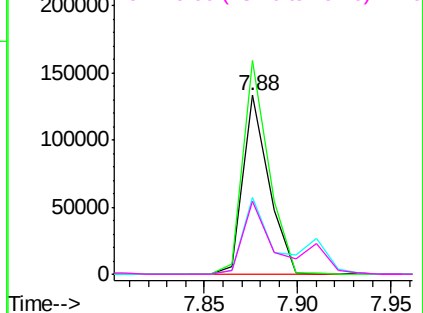
Tgt Ion:	107	Resp:	129673
Ion Ratio	Lower	Upper	
107	100		
108	119.3	95.6	143.4
77	42.6	30.2	45.4
79	40.6	31.3	46.9

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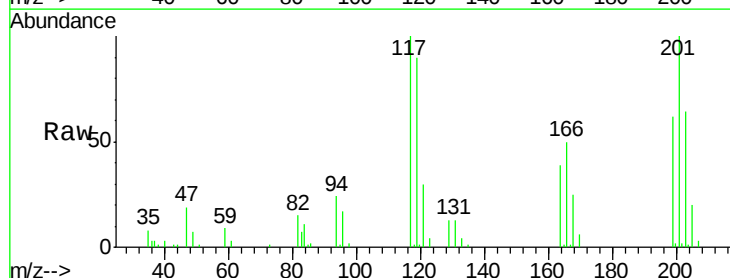


Abundance Ion 107.00 (106.70 to 107.70): E
250000
Ion 108.00 (107.70 to 108.70): E
200000
Ion 77.00 (76.70 to 77.70): BF0
150000
Ion 79.00 (78.70 to 79.70): BF0
100000
50000
0

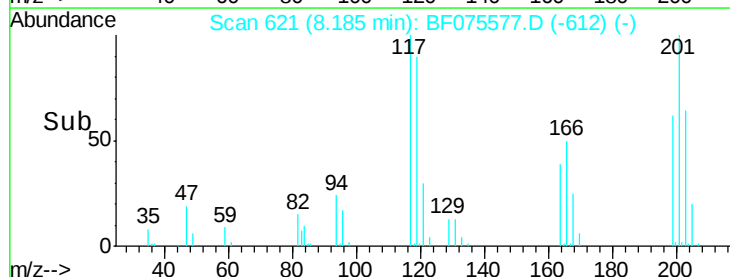
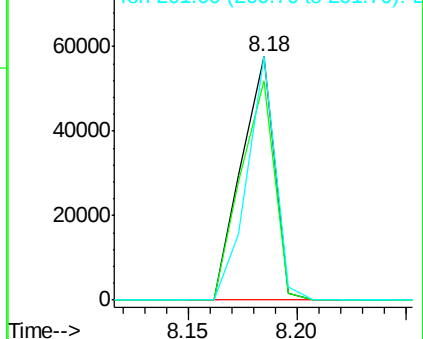


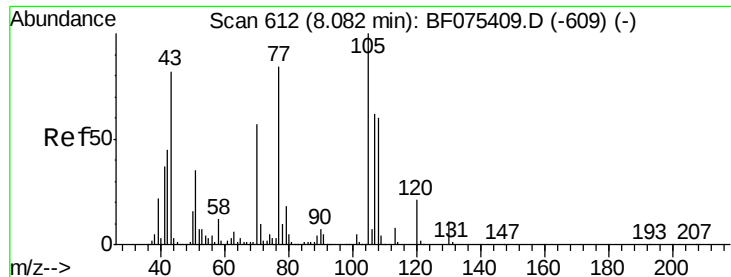
#18
Hexachloroethane
Concen: 55.77 ng
RT: 8.18 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion:	117	Resp:	60864
Ion Ratio	Lower	Upper	
117	100		
119	90.3	72.9	109.3
201	100.1	48.2	72.4#



Abundance Ion 117.00 (116.70 to 117.70): E
80000
Ion 119.00 (118.70 to 119.70): E
60000
Ion 201.00 (200.70 to 201.70): E
40000
20000
0





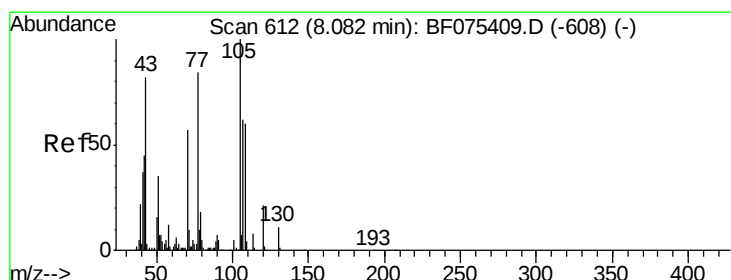
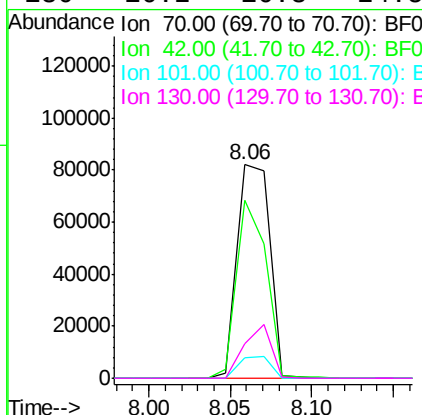
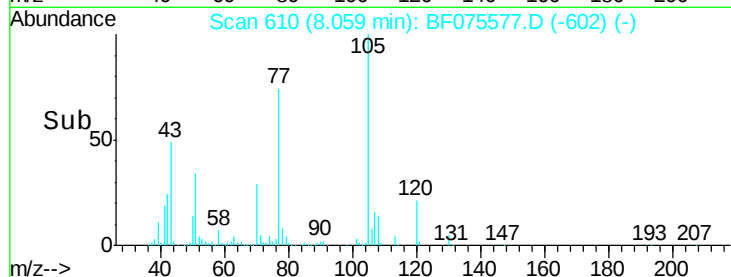
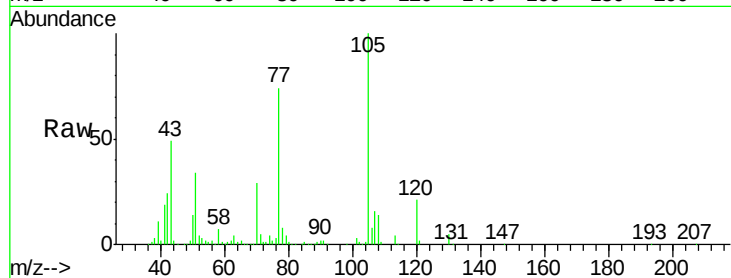
#19
n-Nitroso-di-n-propylamine
Concen: 55.84 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	113498		
42	83.3	63.0	94.6	
101	9.4	7.5	11.3	
130	16.2	16.3	24.5#	

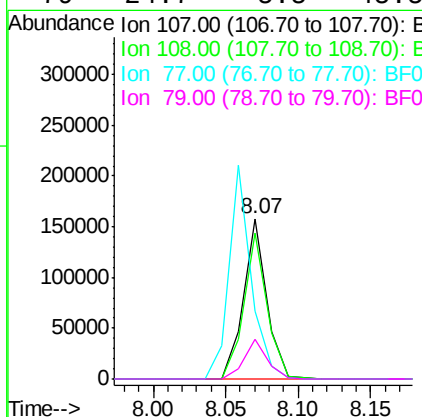
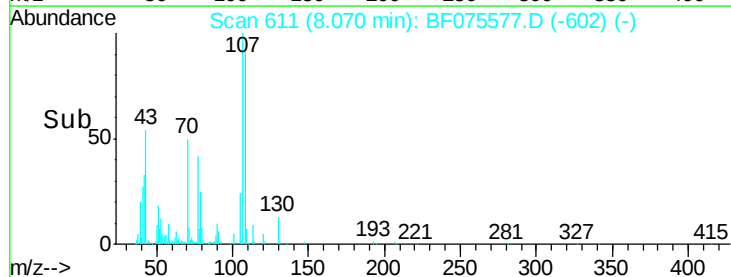
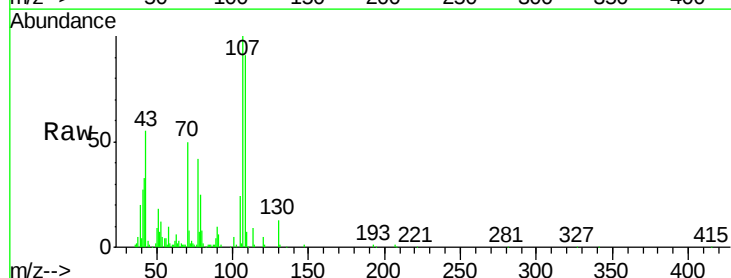
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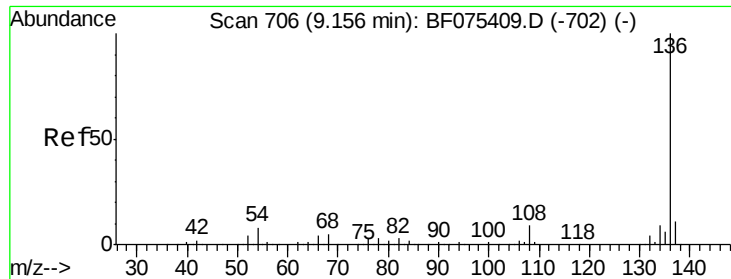
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#20
3+4-Methylphenols
Concen: 56.61 ng
RT: 8.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	176167		
108	90.8	69.6	109.6	
77	42.3	84.4	124.4#	
79	24.7	5.5	45.5	





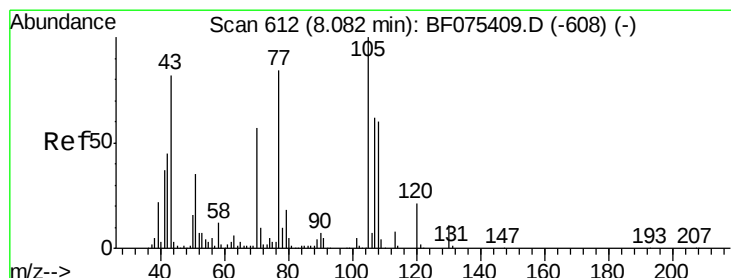
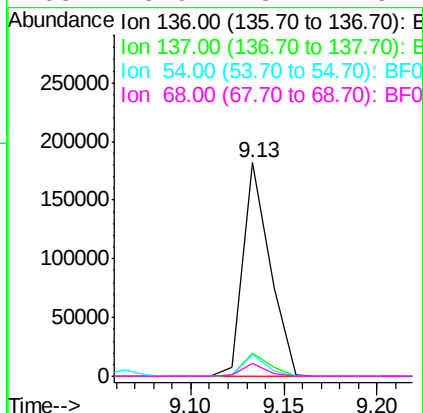
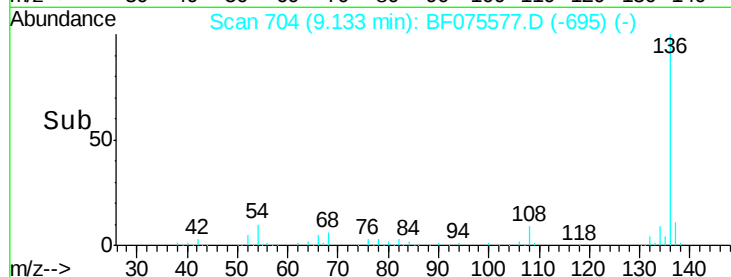
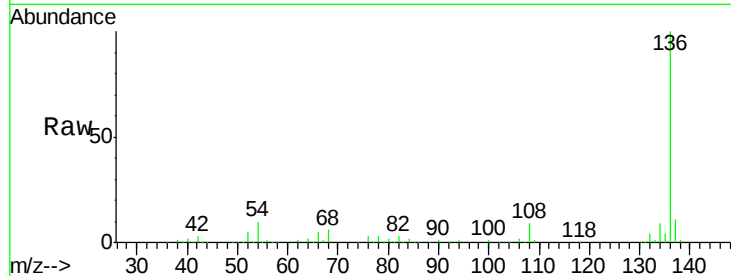
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	181772		
137	10.9	8.2	12.4	
54	10.3	6.2	9.4	
68	5.9	3.4	5.2	

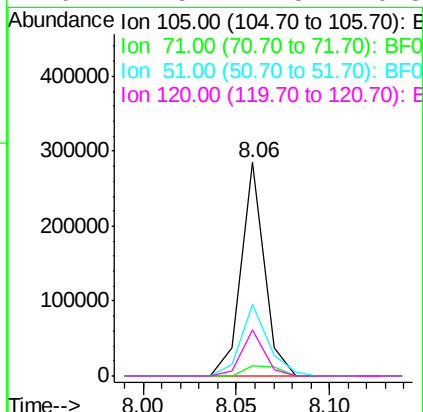
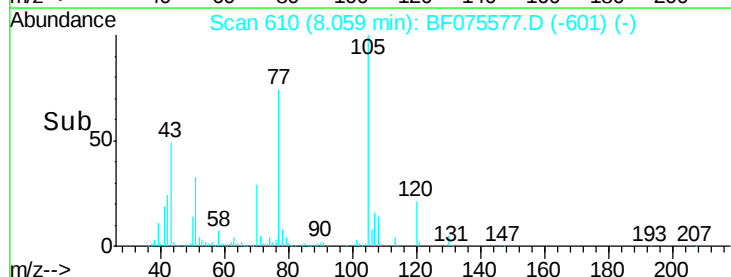
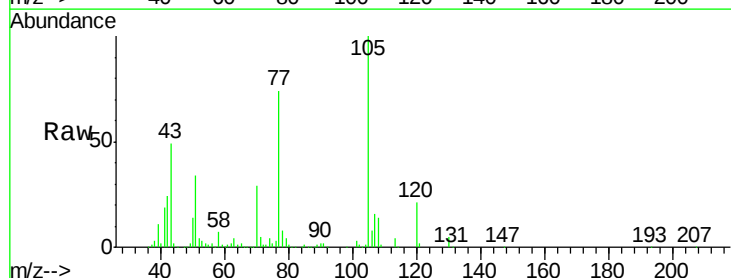
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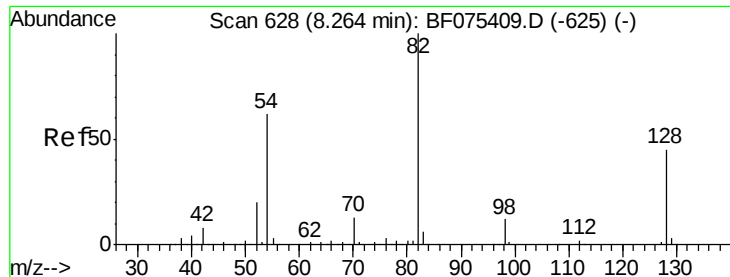
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#22
Acetophenone
Concen: 63.12 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	247501		
71	4.7	10.5	15.7	
51	33.6	24.2	36.2	
120	21.5	17.5	26.3	





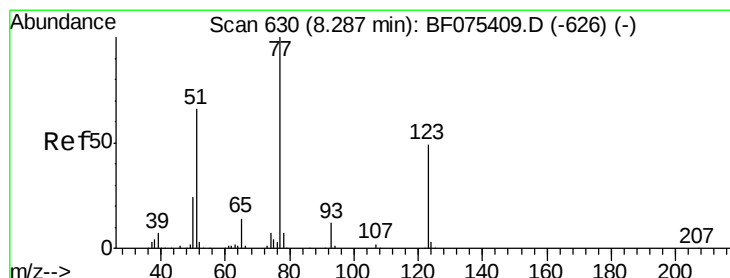
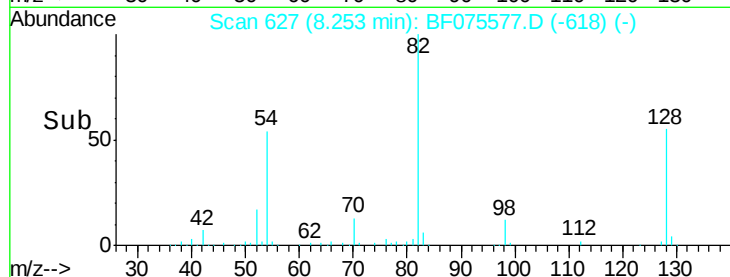
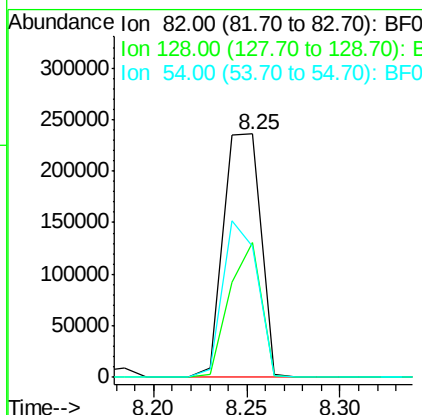
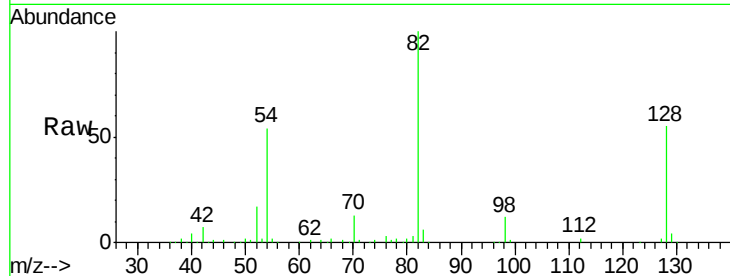
#23
 Nitrobenzene-d5
 Concen: 133.94 ng
 RT: 8.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	55.5	37.8	56.6
54	53.6	49.8	74.8

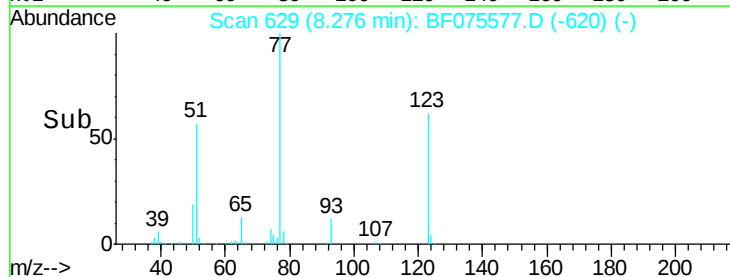
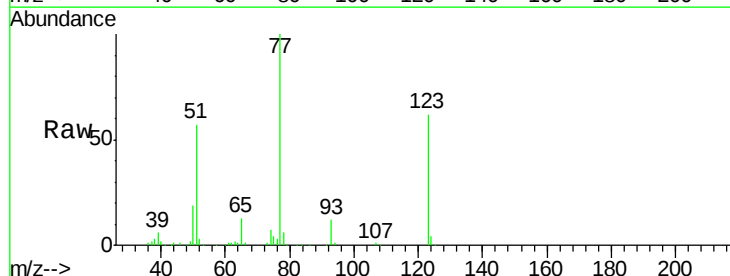
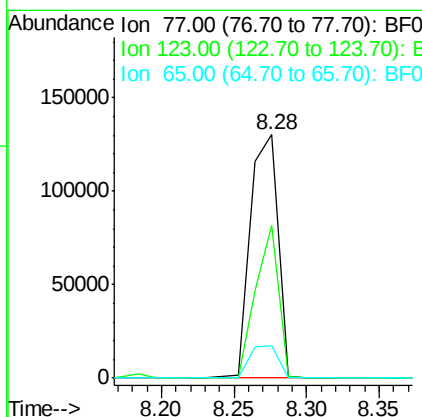
Manual Integrations
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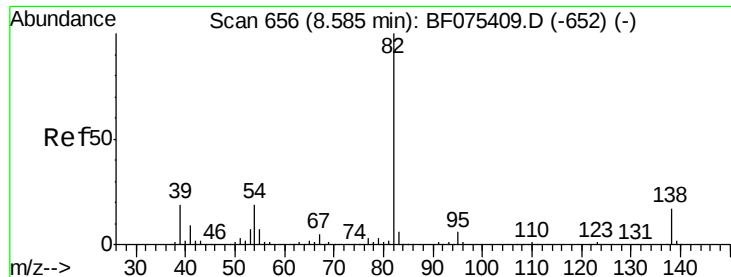
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#24
 Nitrobenzene
 Concen: 59.65 ng
 RT: 8.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	62.5	39.0	58.4#
65	13.3	10.6	15.8





#25

Isophorone

Concen: 58.51 ng

RT: 8.57 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

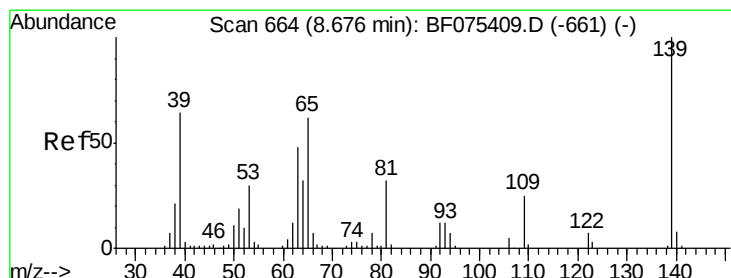
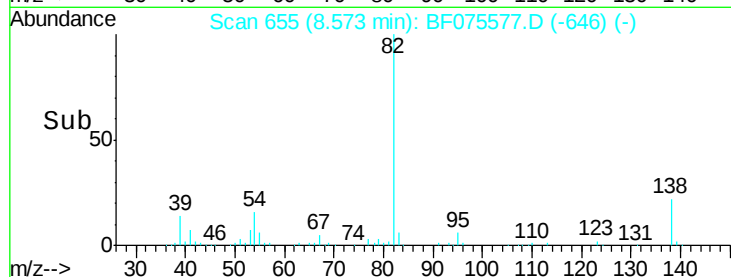
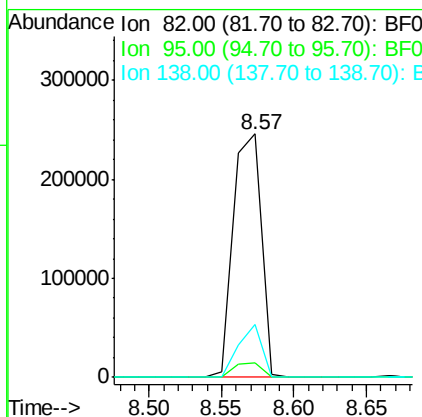
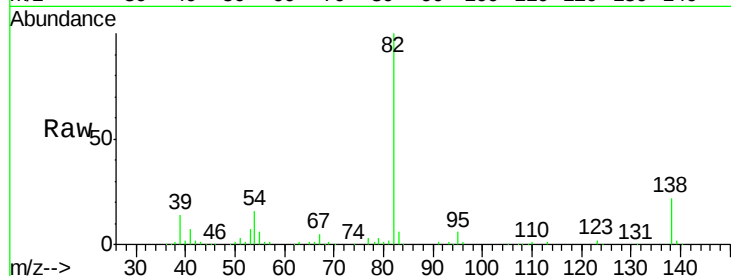
ClientSampleId :

REC-2-1(1.5-2.0)MSD

Tgt Ion:	82	Resp:	331225
Ion Ratio		Lower	Upper
82	100		
95	6.1	5.2	7.8
138	22.0	15.0	22.6

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#26

2-Nitrophenol

Concen: 66.70 ng

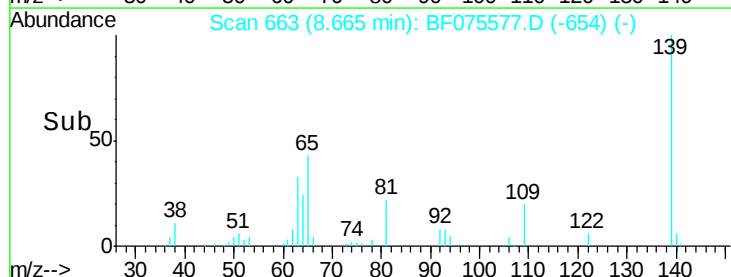
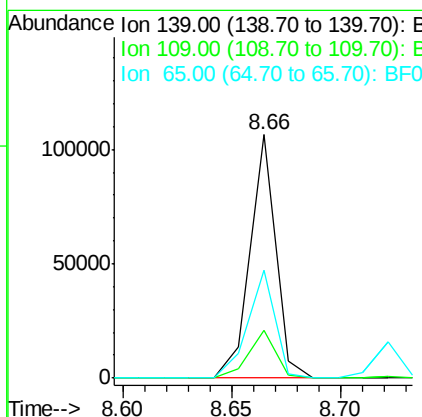
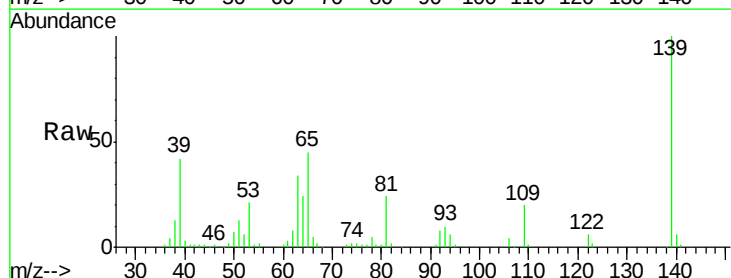
RT: 8.66 min Scan# 663

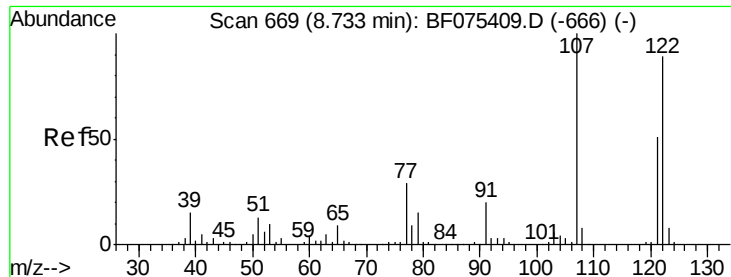
Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:	139	Resp:	87328
Ion Ratio		Lower	Upper
139	100		
109	19.7	22.3	33.5#
65	44.5	49.1	73.7#





#27

2,4-Dimethylphenol

Concen: 56.36 ng

RT: 8.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF075577.D

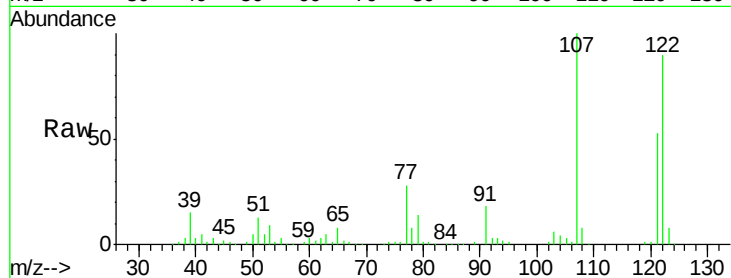
Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

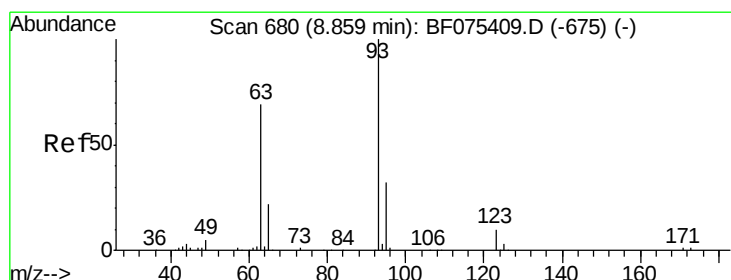
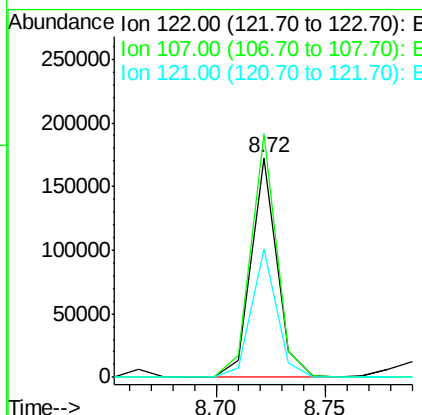
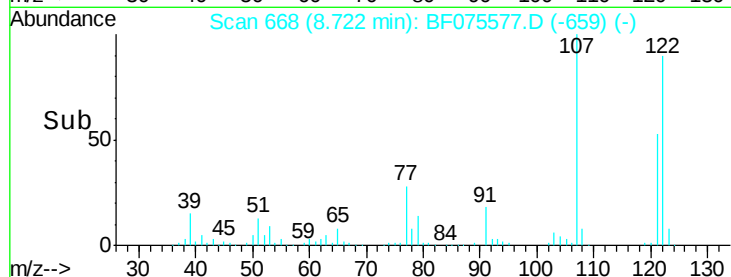
REC-2-1(1.5-2.0)MSD



Tgt Ion:	122	Resp:	143013
Ion Ratio	Lower	Upper	
122	100		
107	110.7	86.5	129.7
121	58.3	45.4	68.2

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#28

bis(2-Chloroethoxy)methane

Concen: 60.86 ng

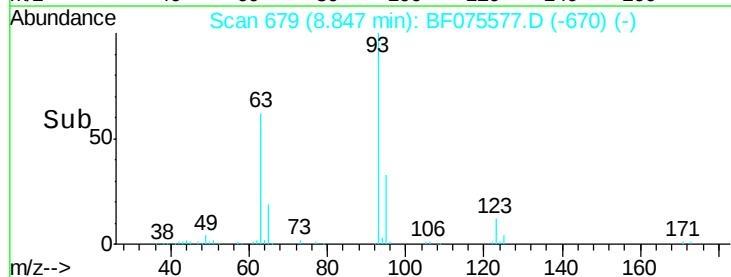
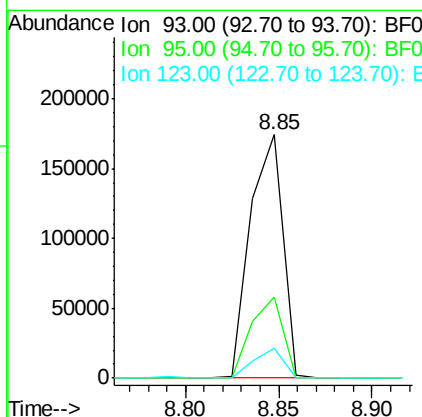
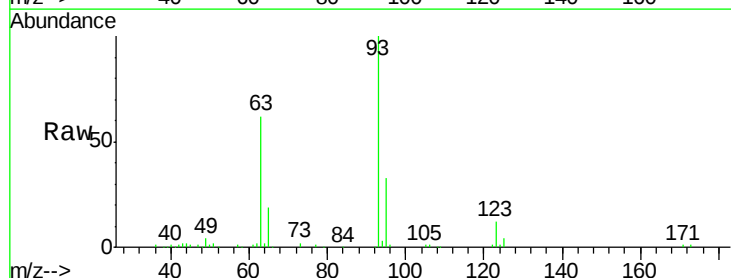
RT: 8.85 min Scan# 679

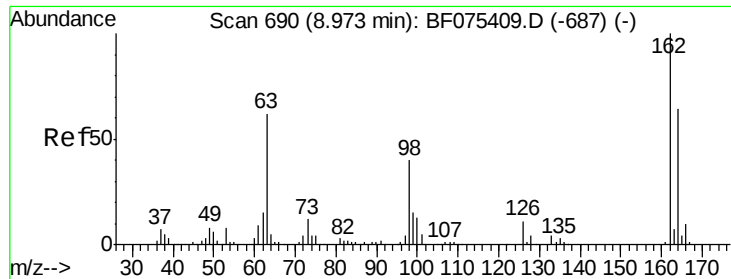
Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:	93	Resp:	209944
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.2	39.4
123	12.4	8.8	13.2





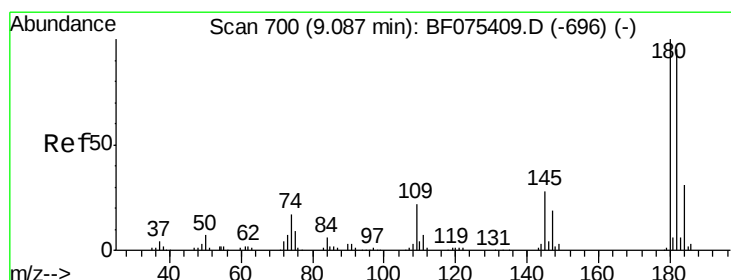
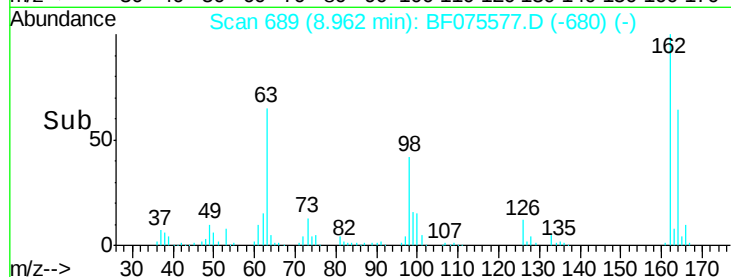
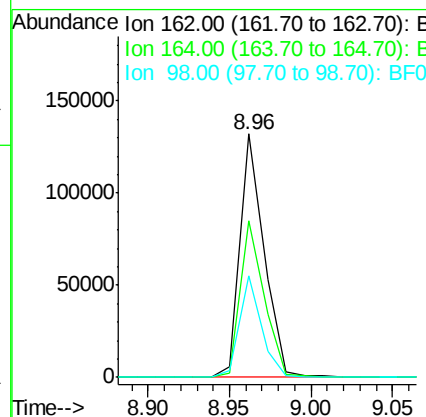
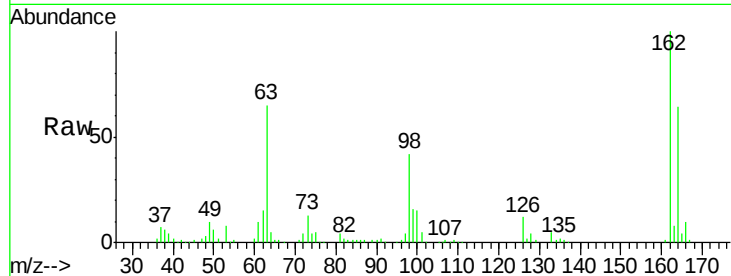
#29
2,4-Dichlorophenol
Concen: 60.46 ng
RT: 8.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	43.8	83.8
98	41.8	14.6	54.6

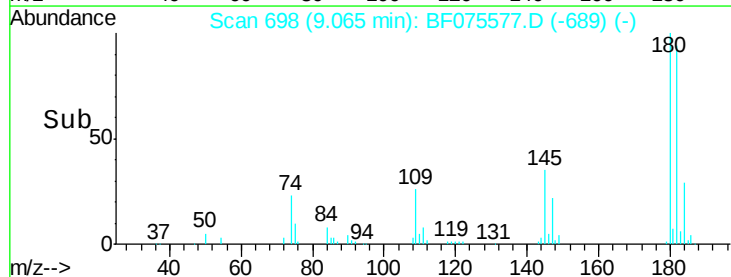
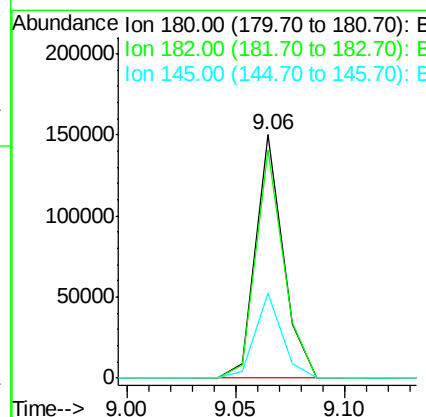
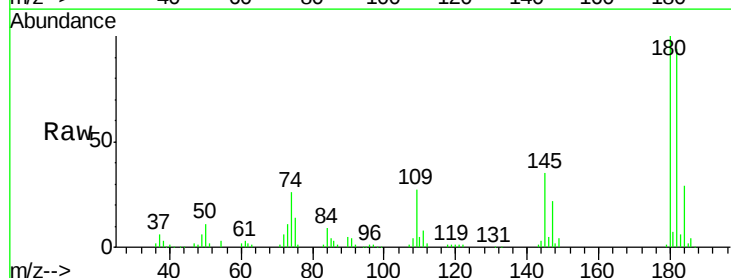
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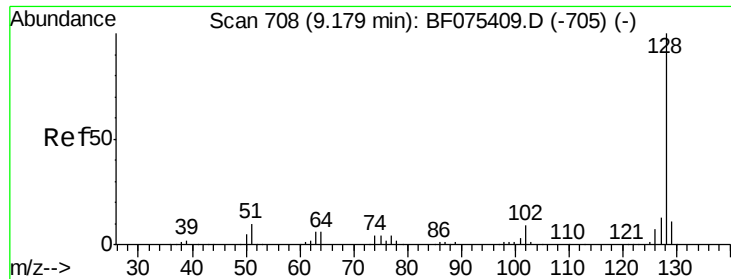
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#30
1,2,4-Trichlorobenzene
Concen: 56.60 ng
RT: 9.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.7	78.4	117.6
145	35.1	22.3	33.5





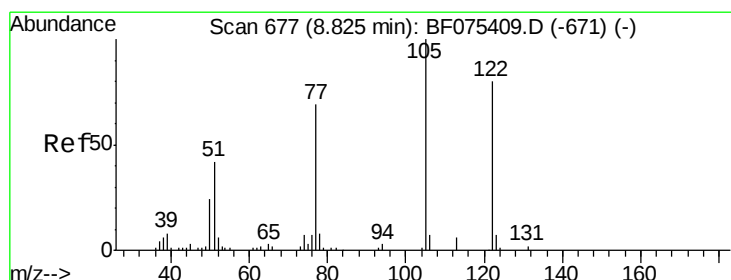
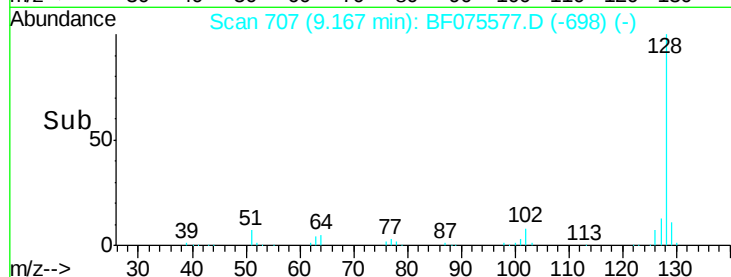
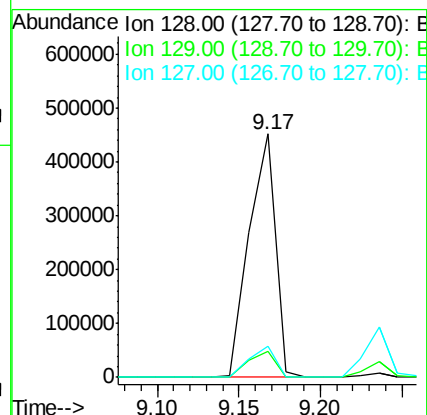
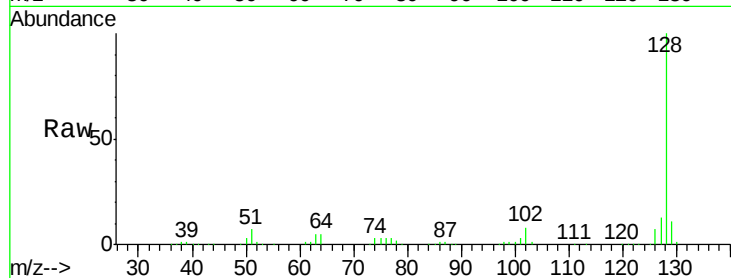
#31
Naphthalene
Concen: 62.29 ng
RT: 9.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	504761		
129	10.9	9.0	13.4	
127	12.9	10.2	15.4	

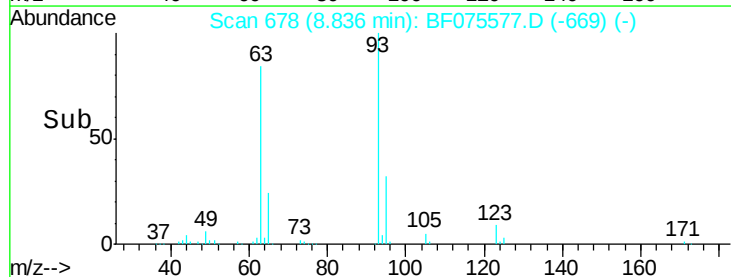
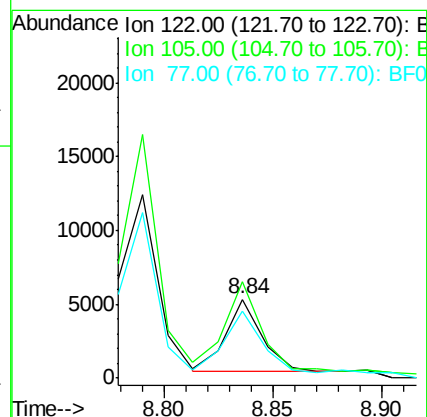
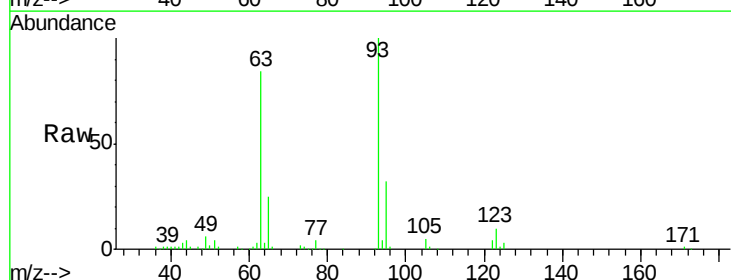
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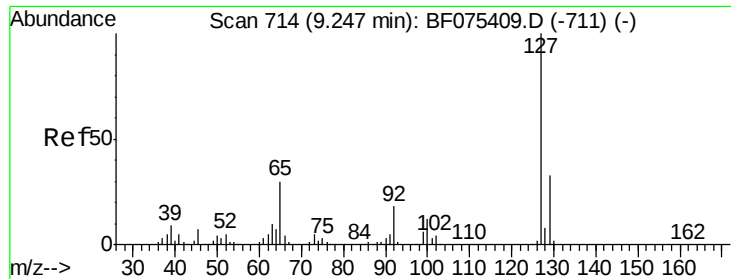
mohammad
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#32
Benzoic acid
Concen: 3.58 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	5487		
105	123.3	95.1	135.1	
77	85.9	62.6	102.6	





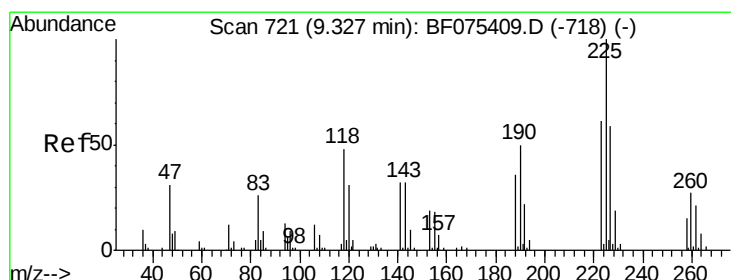
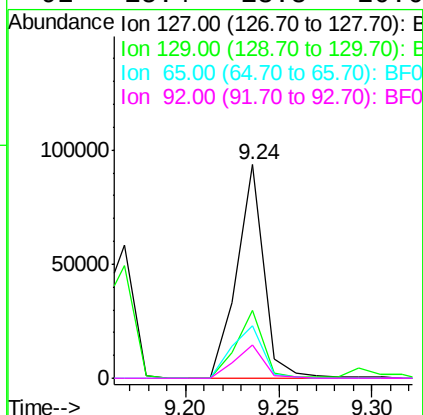
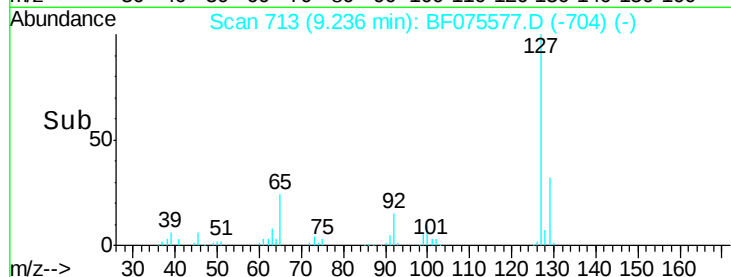
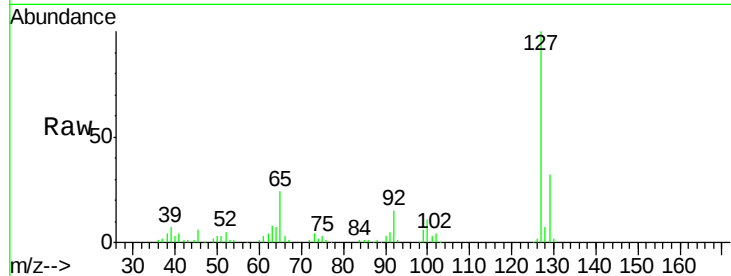
#33
4-Chloroaniline
Concen: 27.09 ng
RT: 9.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.5	38.3
65	24.5	22.8	34.2
92	15.4	13.8	20.6

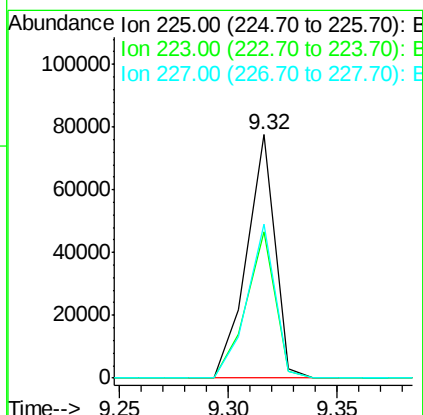
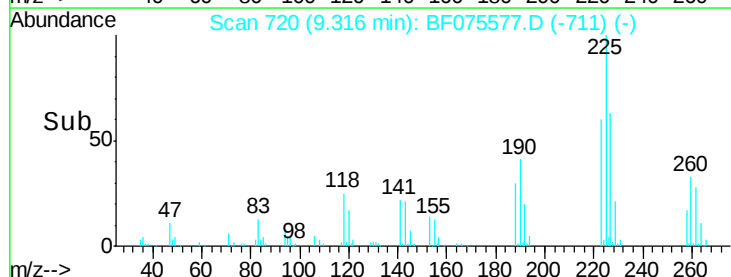
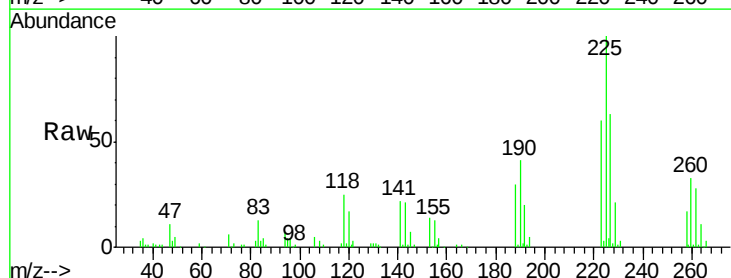
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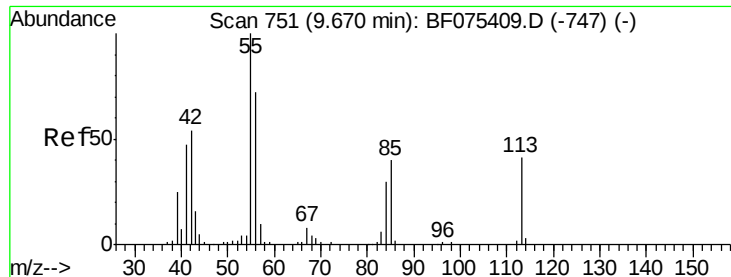
mohammad
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#34
Hexachlorobutadiene
Concen: 55.63 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	51.0	76.6
227	63.3	48.6	73.0





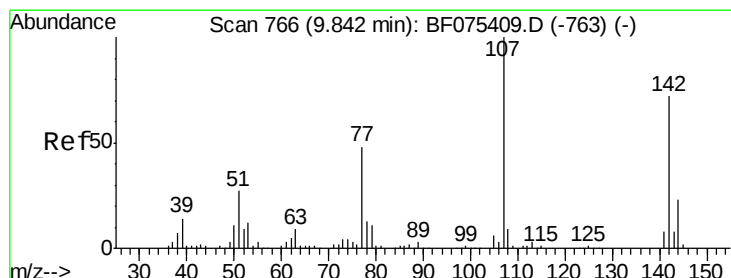
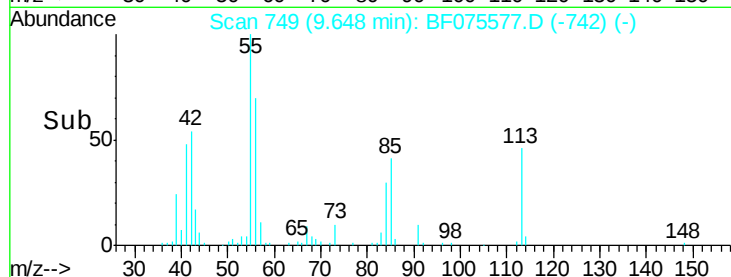
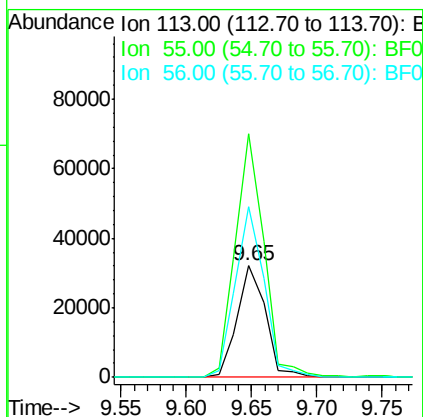
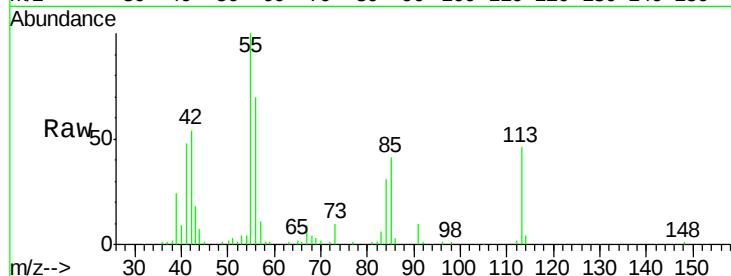
#35
 Caprolactam
 Concen: 65.83 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.02 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	218.1	226.9	266.9#	
56	153.3	148.4	188.4	

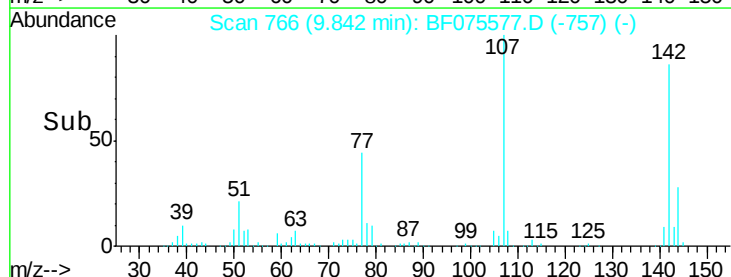
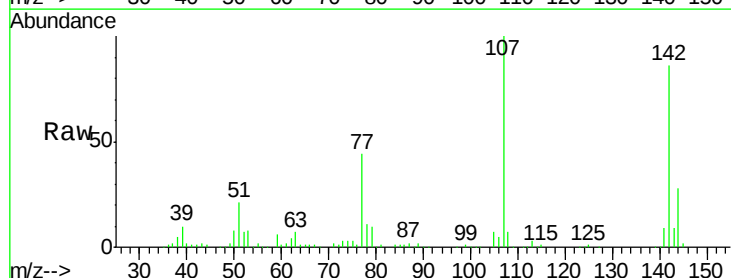
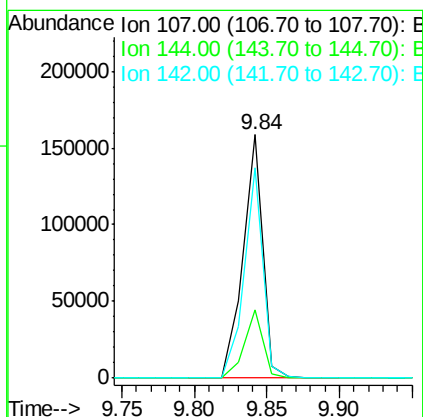
Manual Integrations
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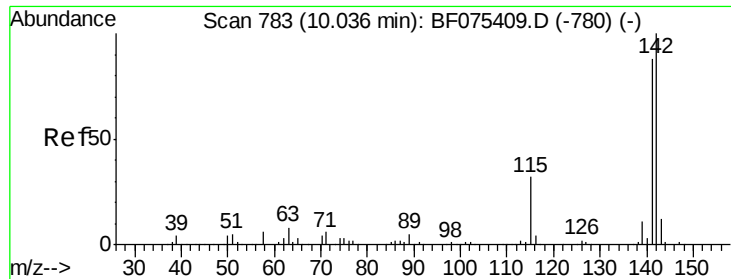
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 61.64 ng
 RT: 9.84 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

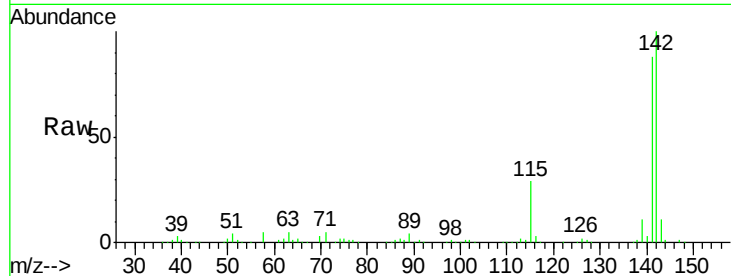
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.9	19.1	28.7	
142	86.4	62.9	94.3	





#37
 2-Methylnaphthalene
 Concen: 61.94 ng
 RT: 10.02 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

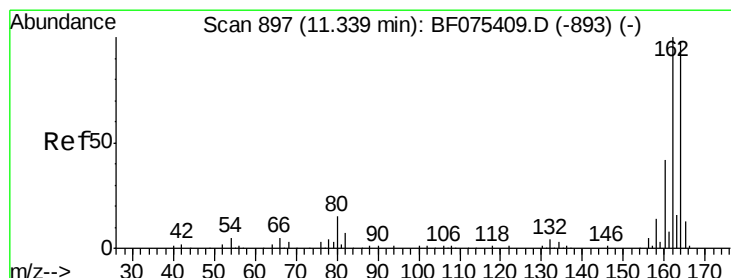
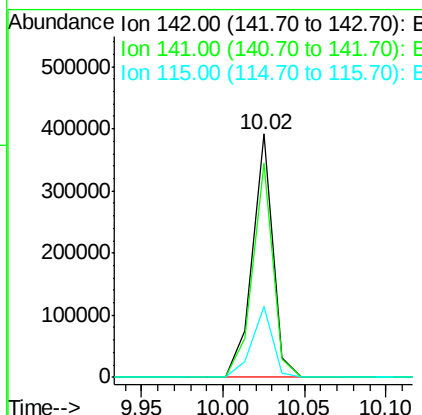
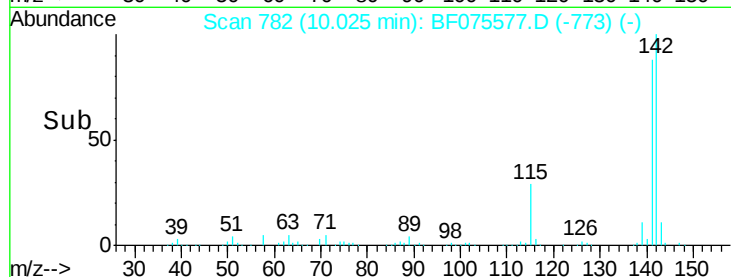
Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	342479		
141	87.9	69.9	104.9	
115	29.2	27.6	41.4	

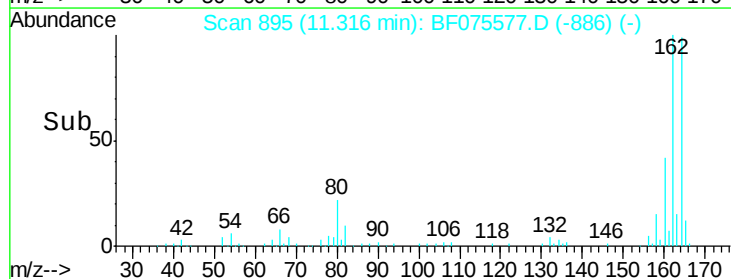
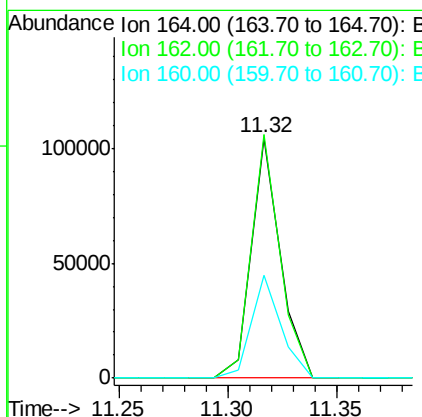
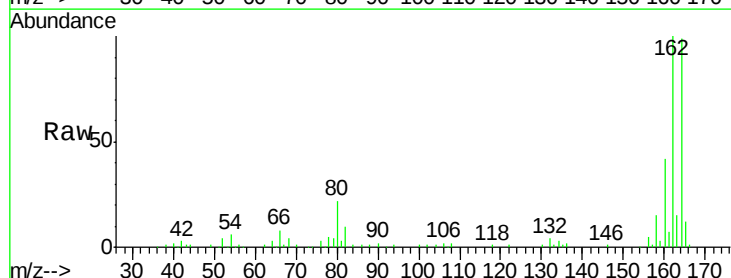
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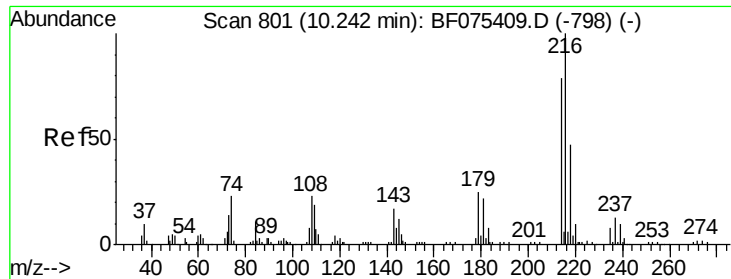
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97108		
162	101.4	79.1	118.7	
160	42.8	34.6	51.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 63.23 ng

RT: 10.23 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF075577.D

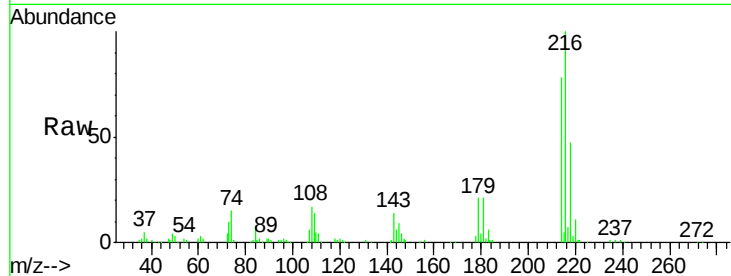
Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

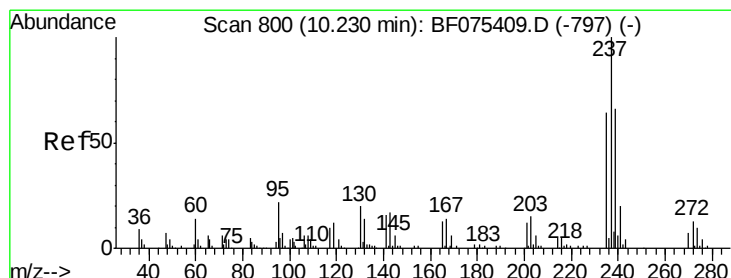
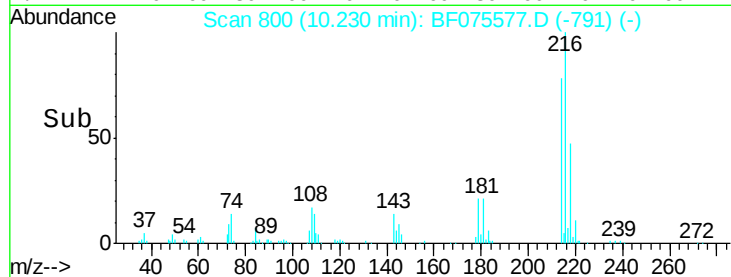
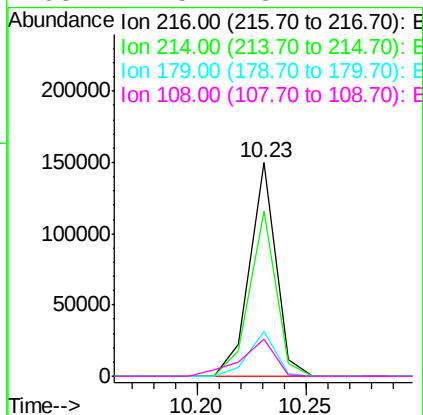
REC-2-1(1.5-2.0)MSD



Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.8	94.2
179	21.7	18.7	28.1
108	22.5	18.1	27.1

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#40

Hexachlorocyclopentadiene

Concen: 114.23 ng

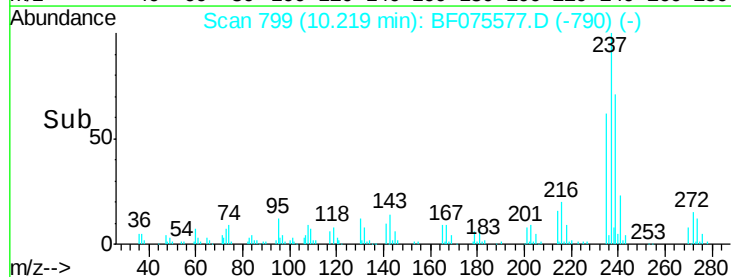
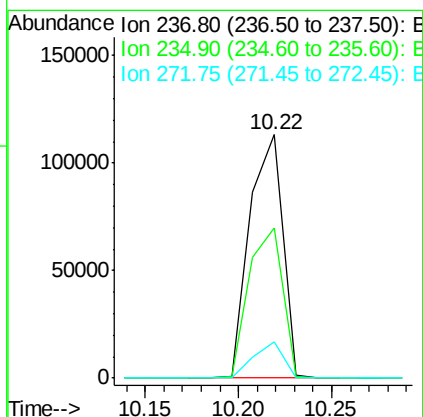
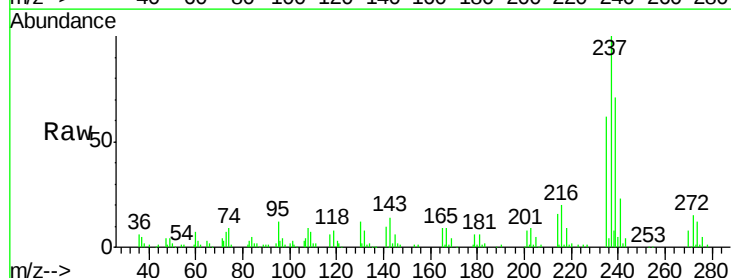
RT: 10.22 min Scan# 799

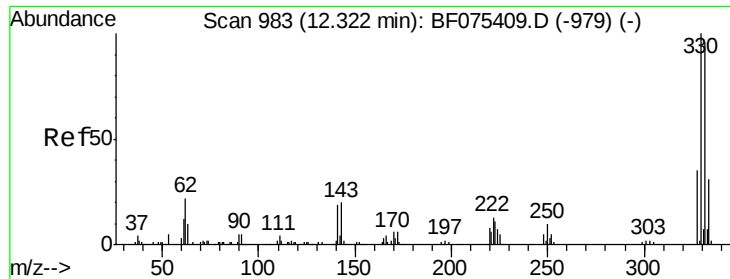
Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.6	45.7	85.7
272	14.9	0.0	32.6





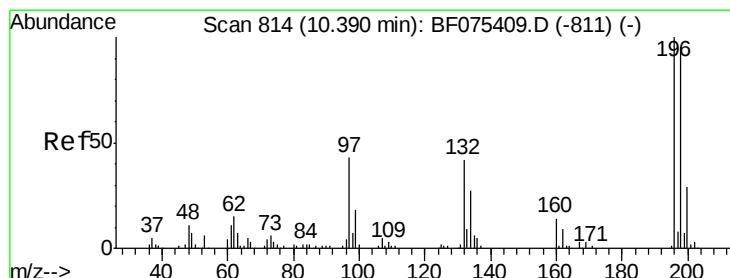
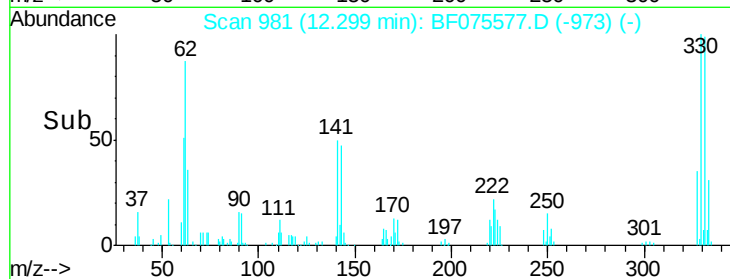
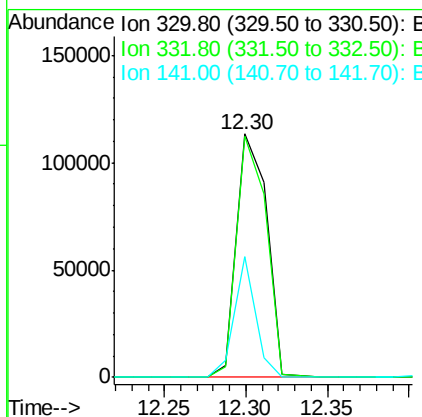
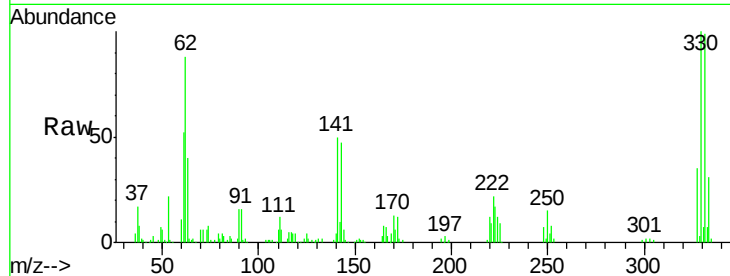
#41
 2,4,6-Tribromophenol
 Concen: 178.55 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	145221		
332	96.7	74.5	111.7	
141	34.8	30.7	46.1	

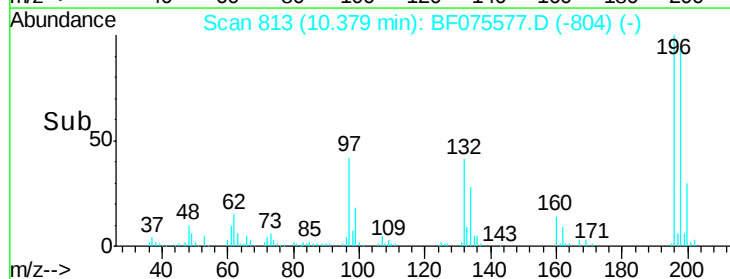
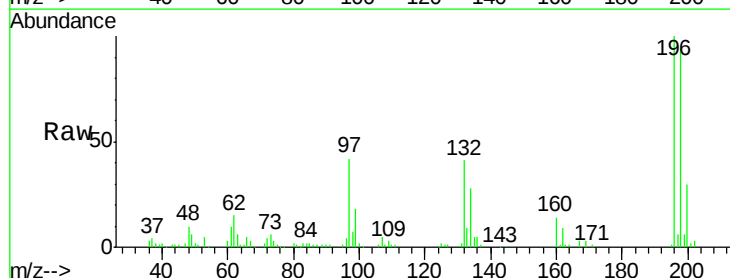
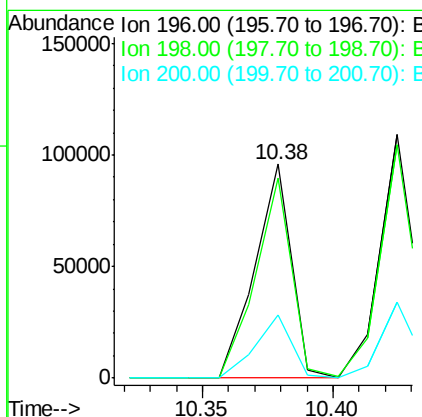
Manual Integrations
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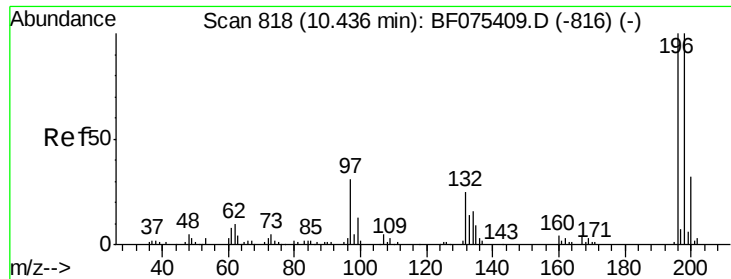
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 59.40 ng
 RT: 10.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

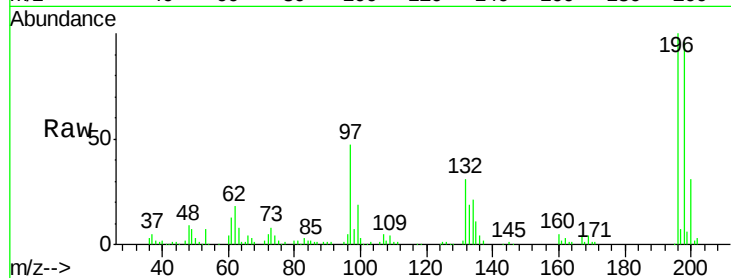
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	94286		
198	93.9	75.7	113.5	
200	29.7	23.4	35.0	





#43
 2,4,5-Trichlorophenol
 Concen: 59.43 ng
 RT: 10.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

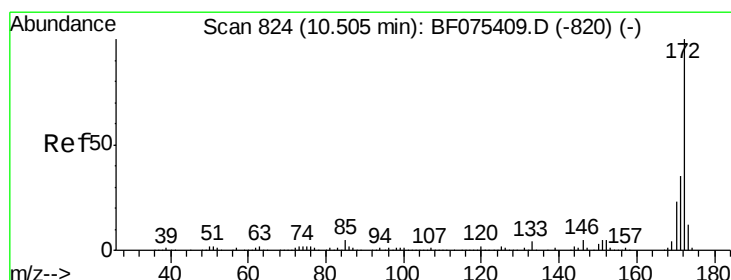
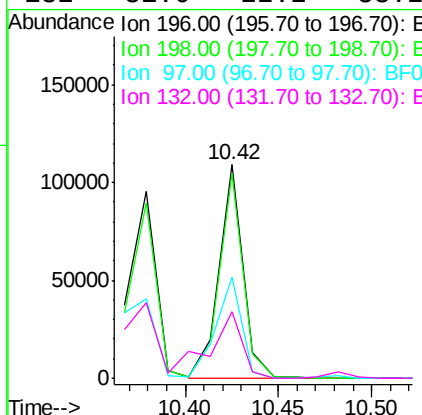
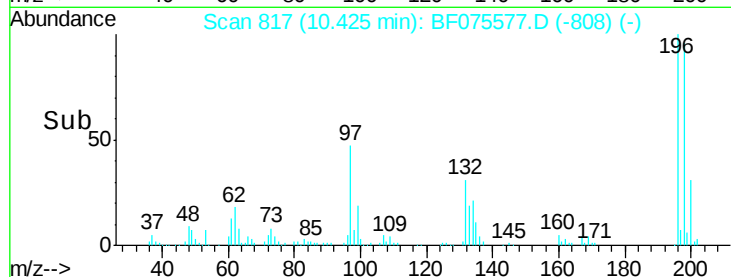
Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	98249		
198	95.8	78.2	117.4	
97	47.4	29.9	44.9#	
132	31.0	22.2	33.2	

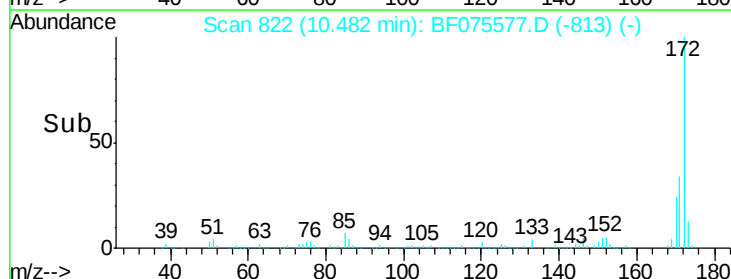
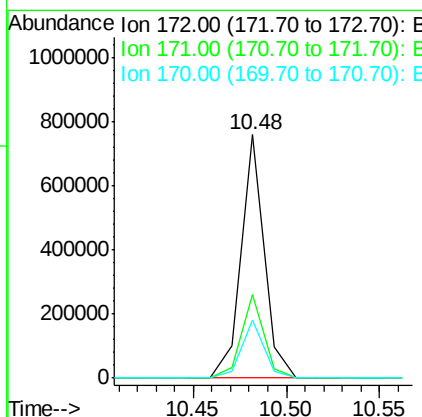
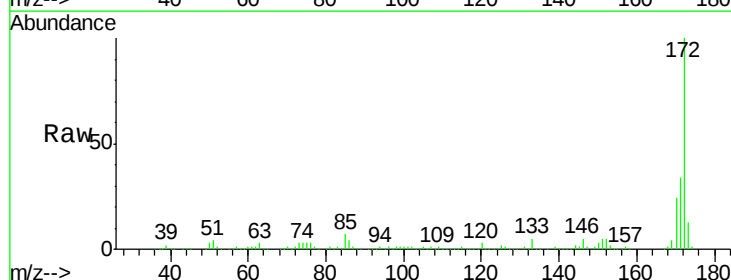
Manual Integrations
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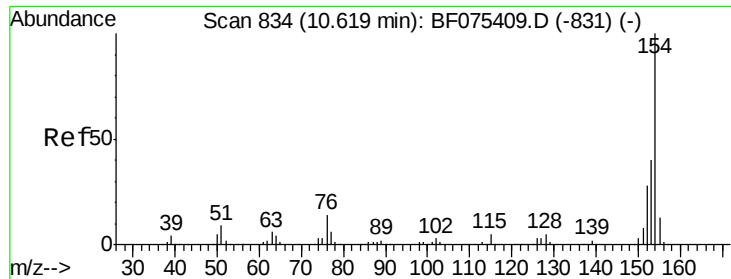
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 121.88 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	654977		
171	34.2	27.3	40.9	
170	23.8	18.4	27.6	





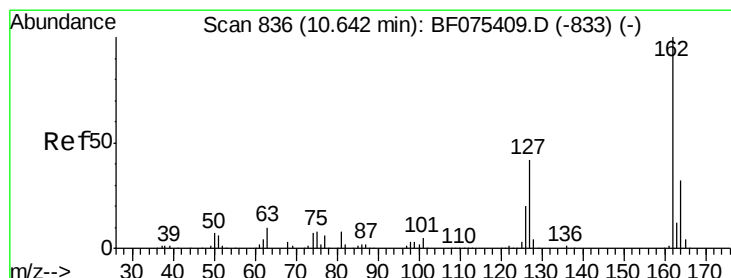
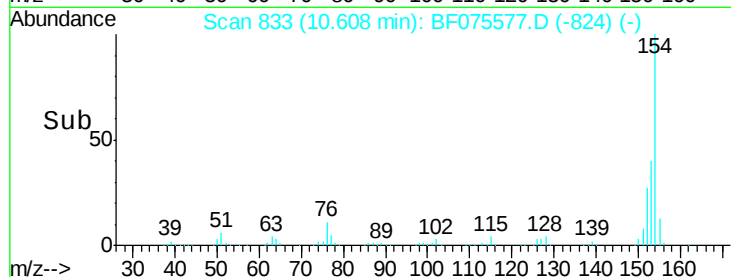
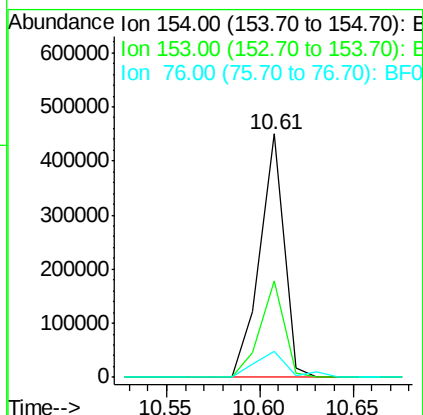
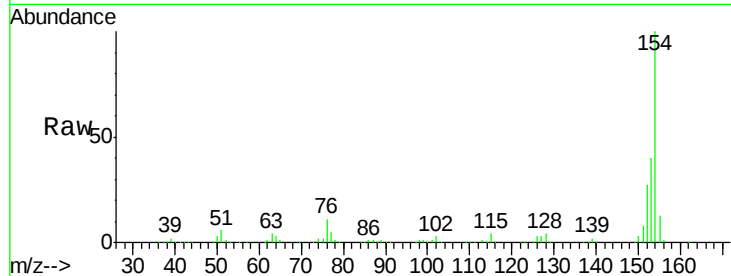
#45
 1,1'-Biphenyl
 Concen: 61.71 ng
 RT: 10.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.3	59.3
76	10.5	0.0	35.0

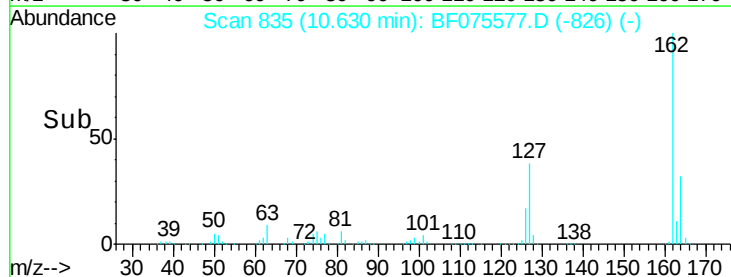
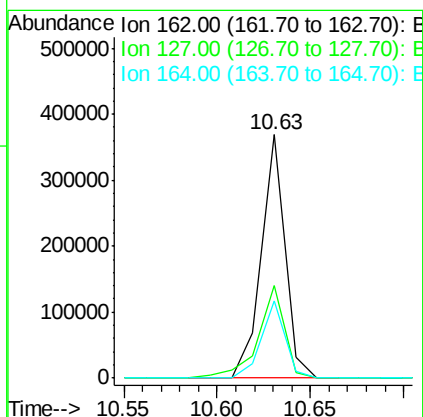
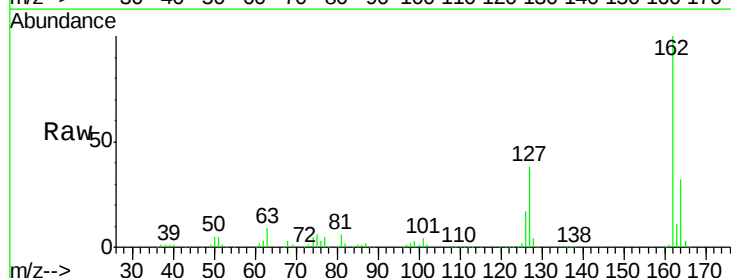
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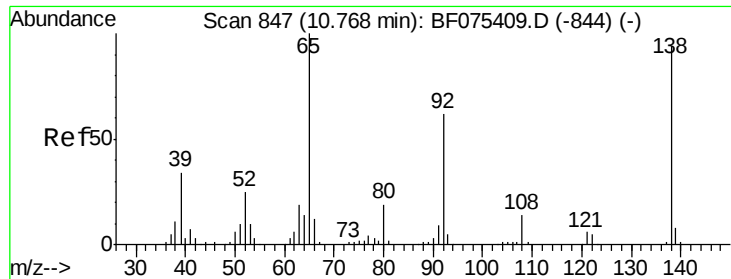
mohammad
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#46
 2-Chloronaphthalene
 Concen: 62.86 ng
 RT: 10.63 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	34.6	51.8
164	31.9	25.1	37.7





#47

2-Nitroaniline

Concen: 67.17 ng

RT: 10.76 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF075577.D

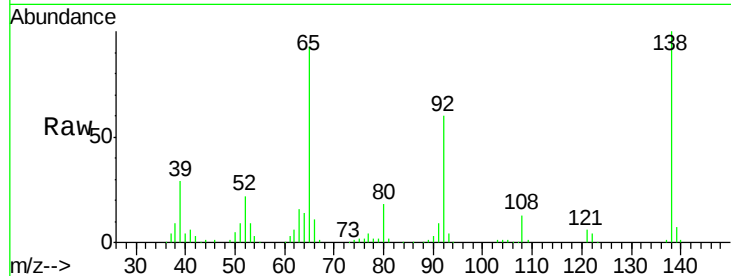
Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD



Tgt Ion: 65 Resp: 103504

Ion Ratio Lower Upper

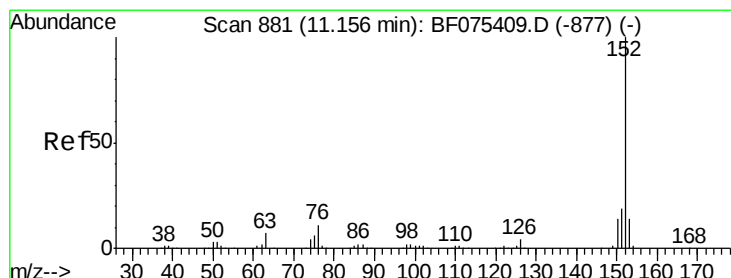
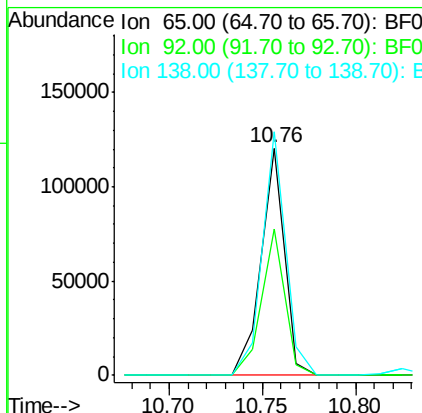
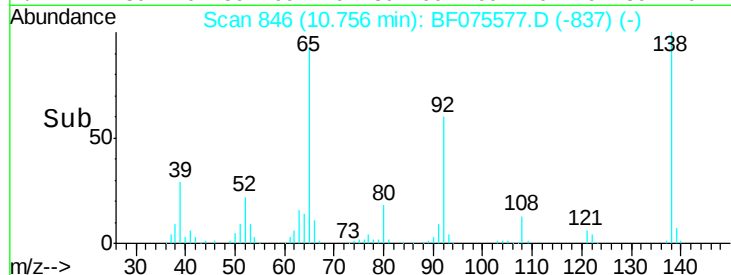
65 100

92 64.6 46.7 70.1

138 107.1 62.8 94.2#

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#48

Acenaphthylene

Concen: 64.13 ng

RT: 11.14 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

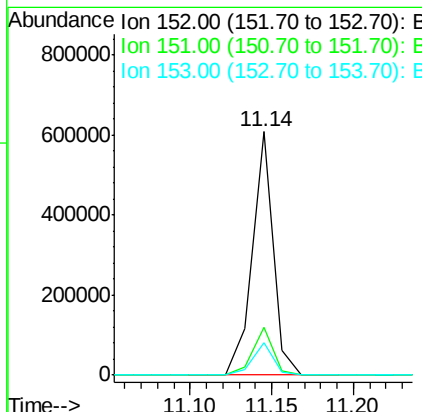
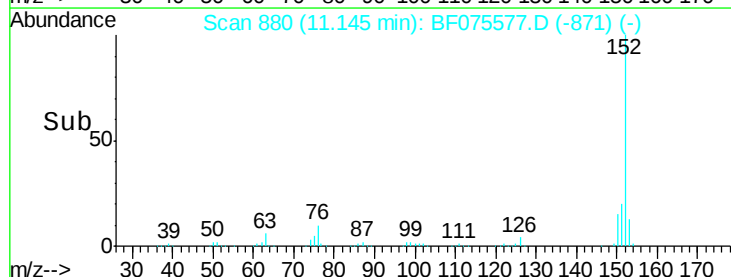
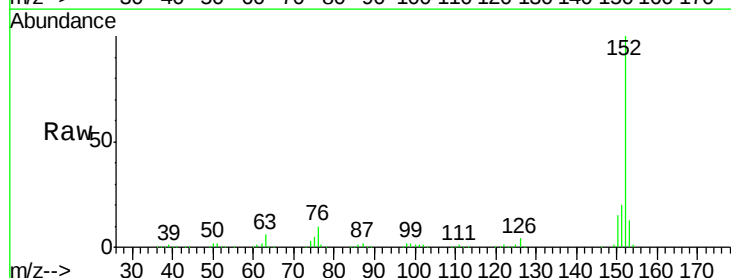
Tgt Ion: 152 Resp: 541583

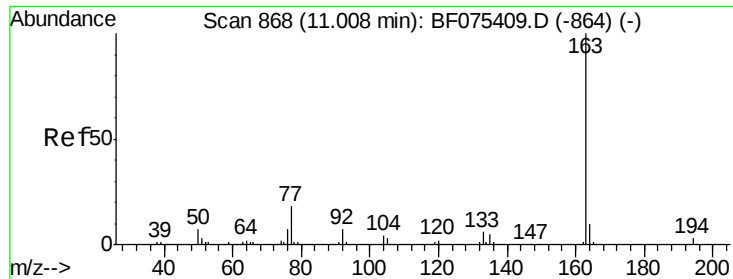
Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.2

153 13.4 10.0 15.0





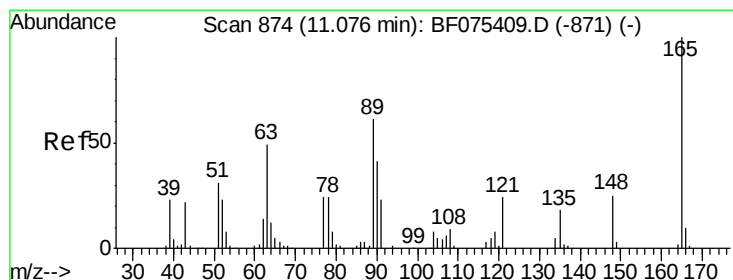
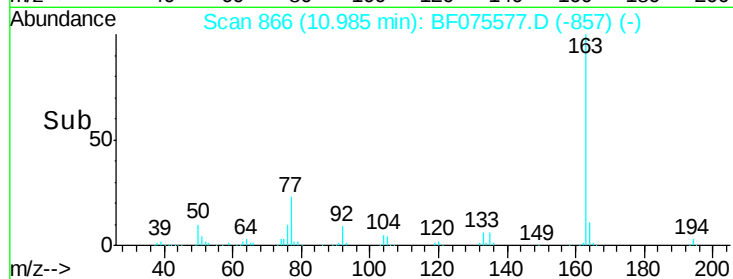
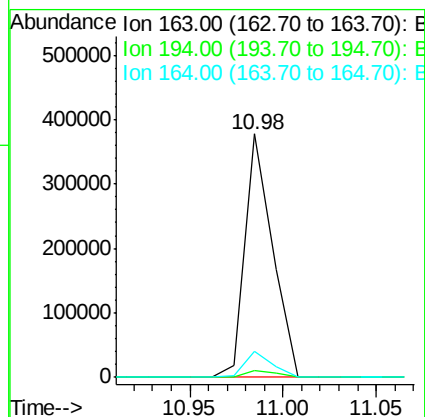
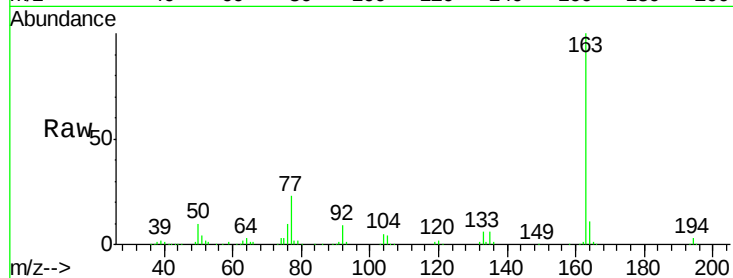
#49
Dimethylphthalate
Concen: 58.42 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	387771		
194	3.0	2.7	4.1	
164	10.7	8.0	12.0	

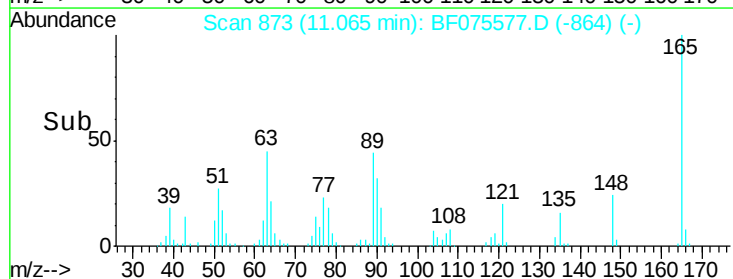
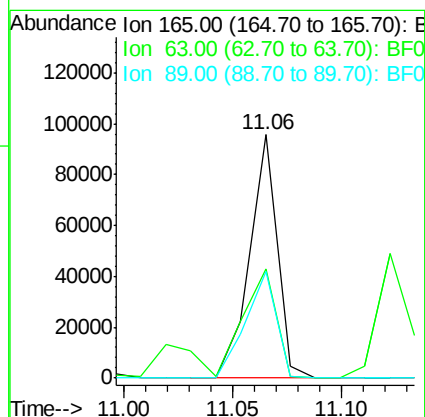
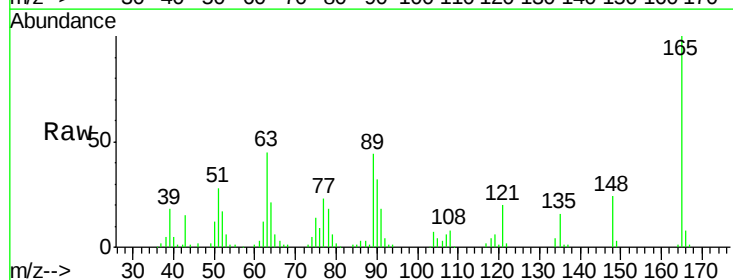
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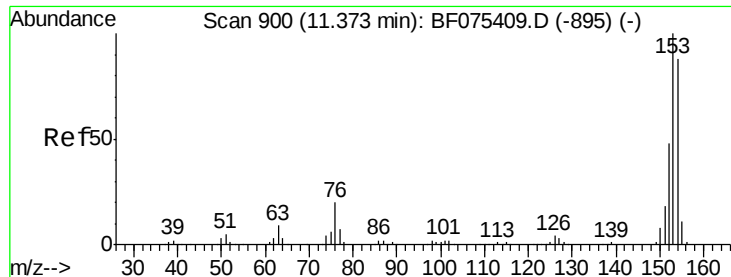
mohammad
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#50
2,6-Dinitrotoluene
Concen: 64.32 ng
RT: 11.06 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	84102		
63	45.1	61.2	91.8#	
89	43.6	52.5	78.7#	





#51

Acenaphthene

Concen: 60.17 ng

RT: 11.36 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF075577.D

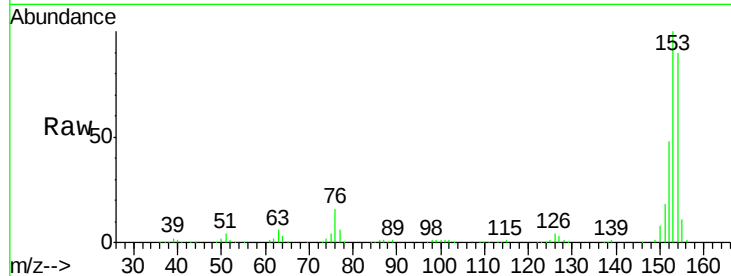
Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

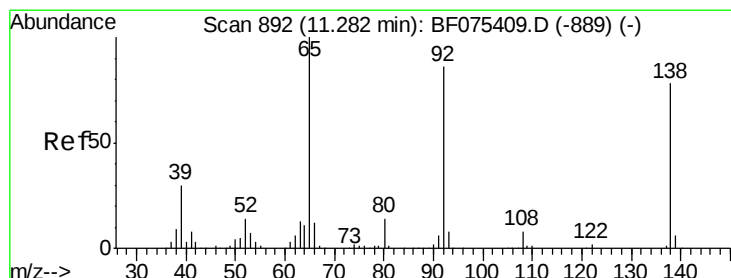
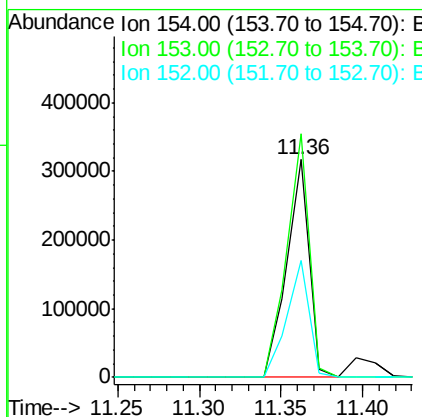
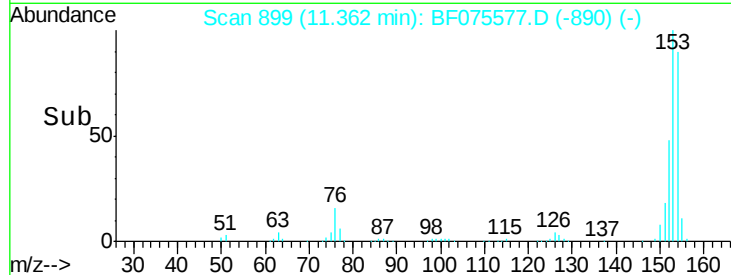
REC-2-1(1.5-2.0)MSD



Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	91.2	136.8
152	53.4	43.4	65.0

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#52

3-Nitroaniline

Concen: 46.12 ng

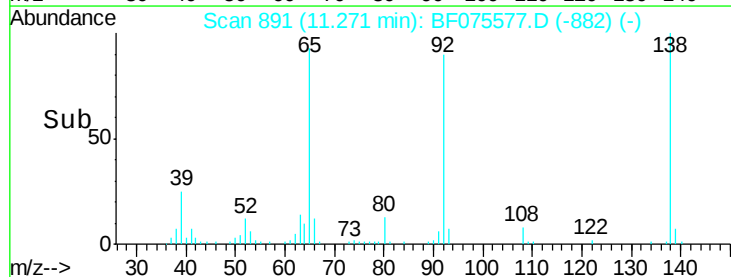
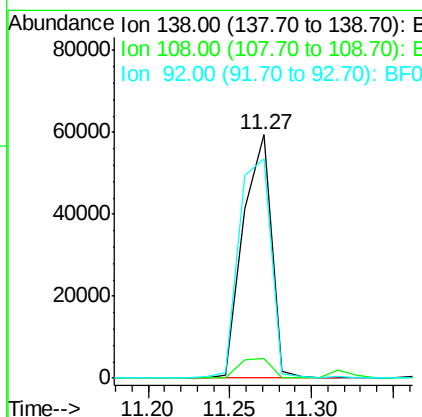
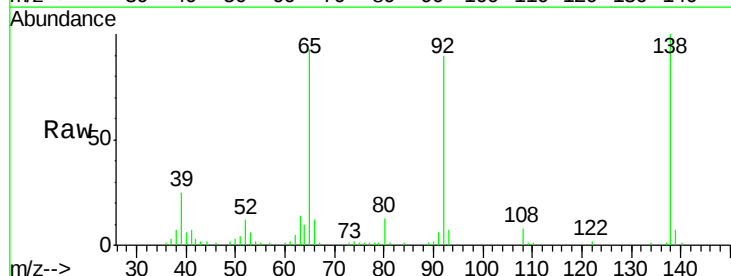
RT: 11.27 min Scan# 891

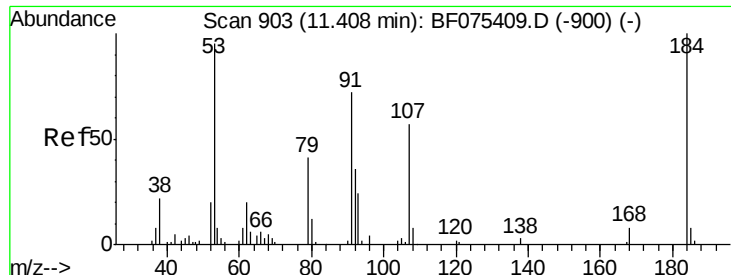
Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

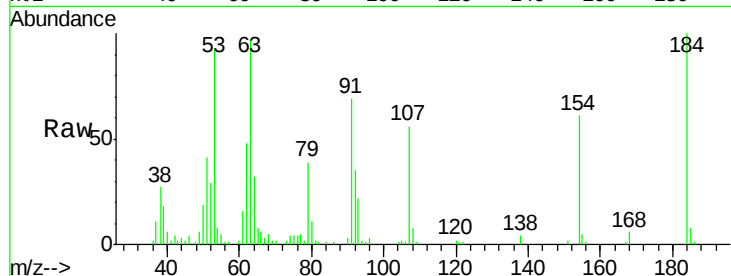
Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.1	10.2	15.2#
92	90.2	91.0	136.6#





#53
2,4-Dinitrophenol
Concen: 85.40 ng
RT: 11.40 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

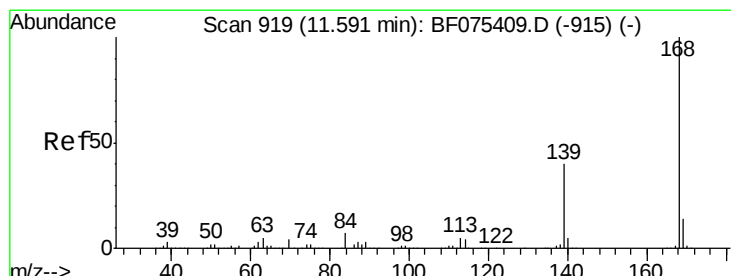
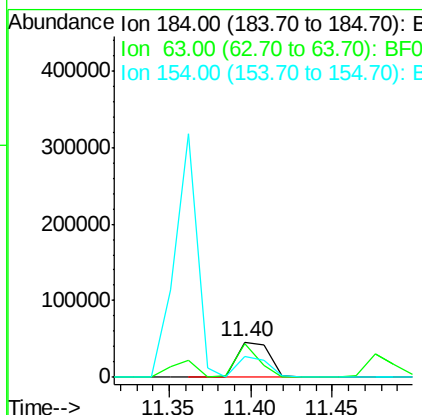
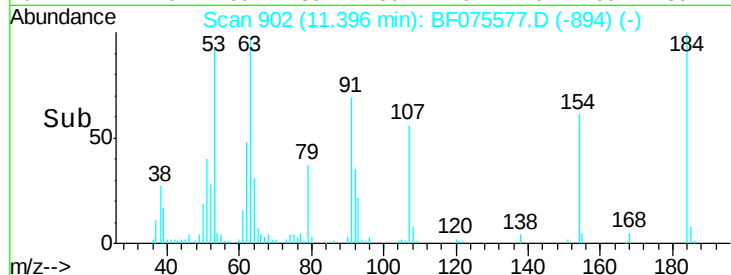
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD



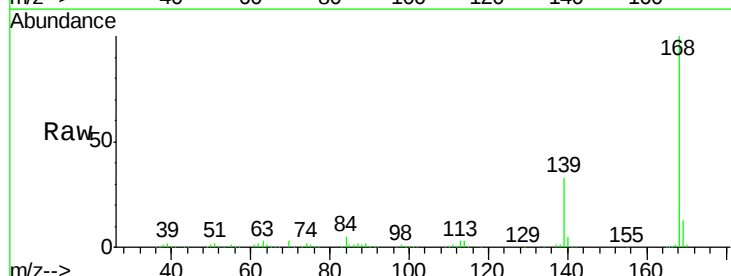
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	64418		
63	96.7	96.3	144.5	
154	60.6	56.2	84.4	

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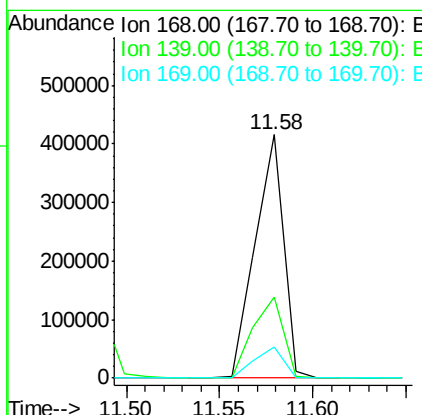
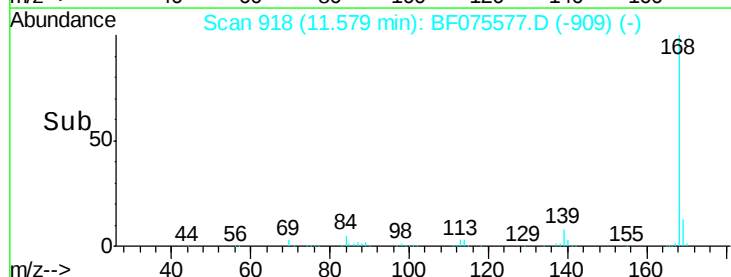
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11/17/2014 7:39:41 PM

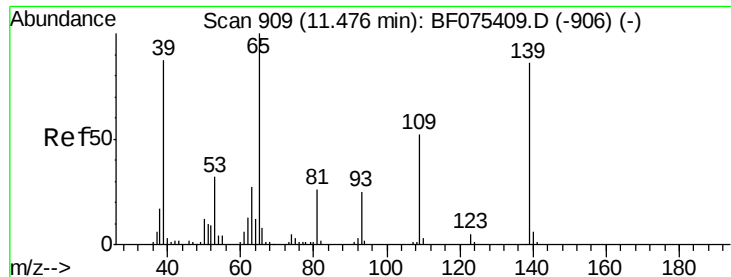


#54
Dibenzofuran
Concen: 59.90 ng
RT: 11.58 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40



Tgt Ion	Ratio	Resp	Lower	Upper
168	100	436400		
139	33.0	33.0	49.4	
169	13.0	10.8	16.2	





#55

4-Nitrophenol

Concen: 127.43 ng

RT: 11.49 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

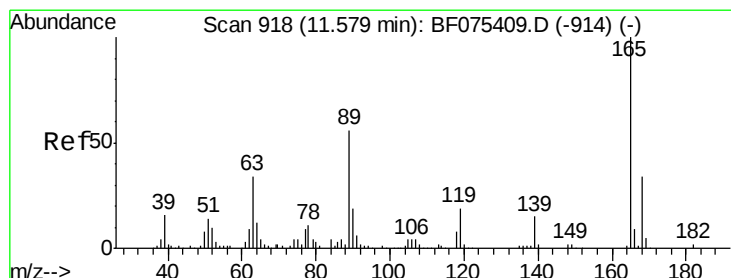
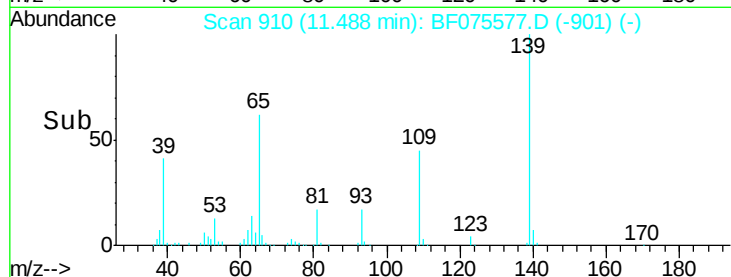
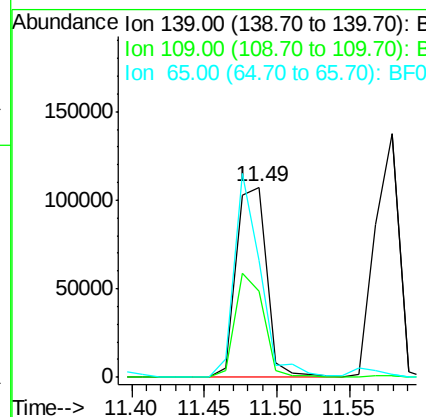
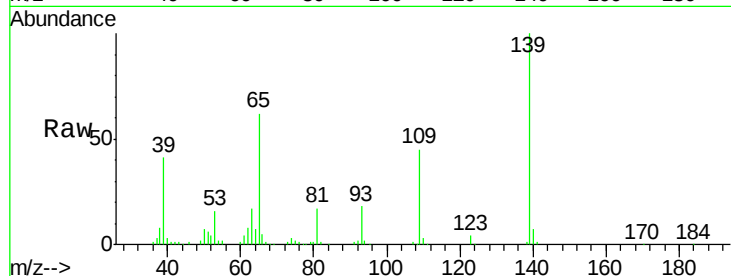
ClientSampleId :

REC-2-1(1.5-2.0)MSD

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Tgt Ion:	139	Resp:	157055
Ion Ratio	Lower	Upper	
139	100		
109	45.1	45.8	85.8#
65	61.7	94.8	134.8#



#56

2,4-Dinitrotoluene

Concen: 63.61 ng

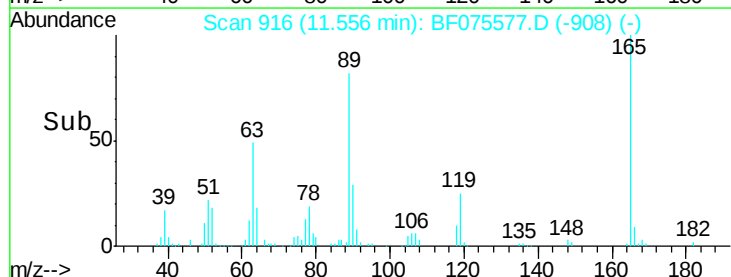
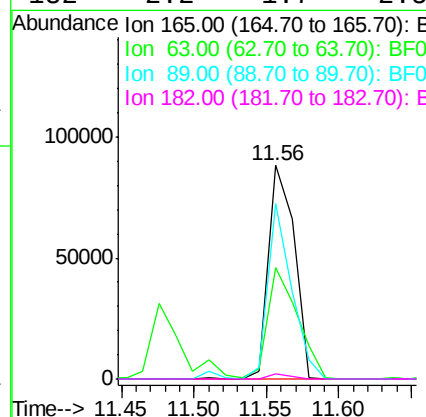
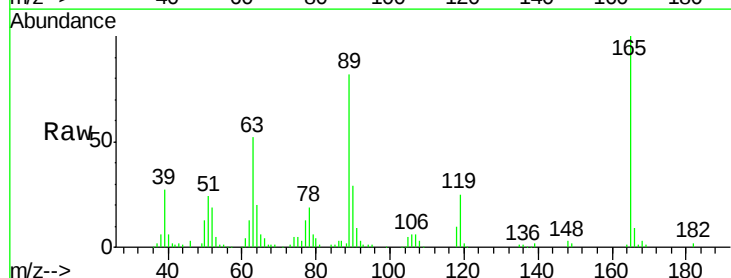
RT: 11.56 min Scan# 916

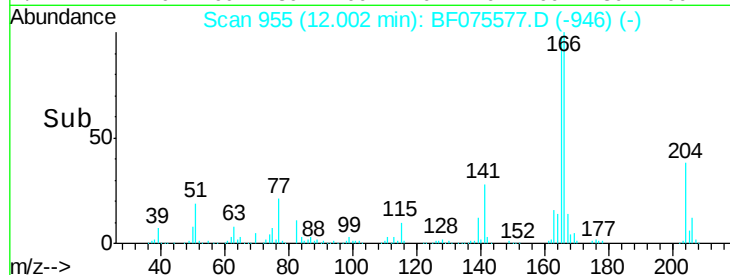
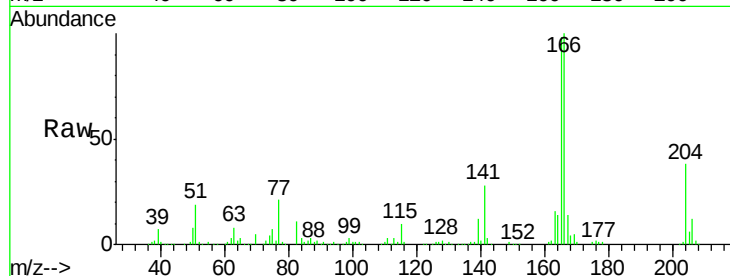
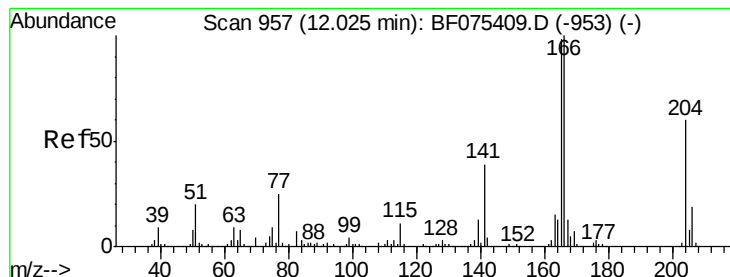
Delta R.T. -0.01 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:	165	Resp:	109259
Ion Ratio	Lower	Upper	
165	100		
63	52.1	27.0	40.6#
89	81.9	47.8	71.6#
182	2.2	1.7	2.5





#57

Fluorene

Concen: 59.55 ng

RT: 12.00 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:	166	Resp:	350839
Ion Ratio	Lower	Upper	
166	100		
165	98.5	78.8	118.2
167	13.5	10.6	15.8

Instrument :

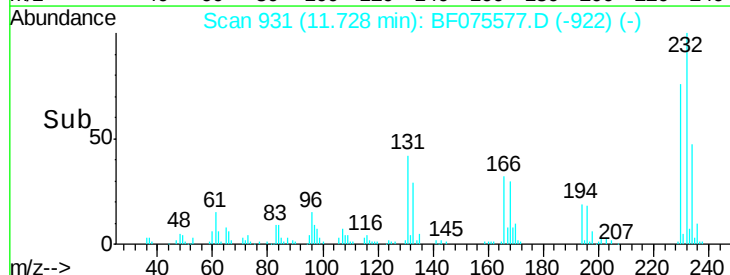
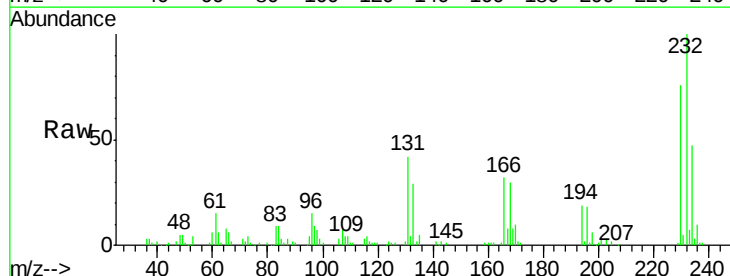
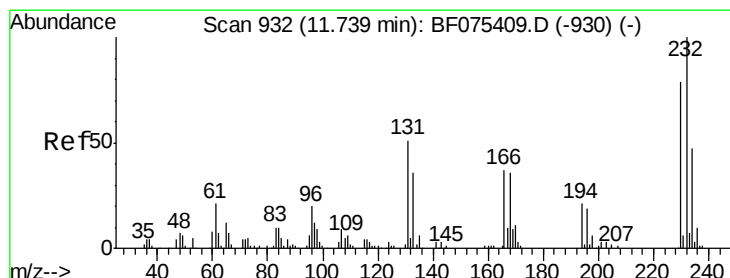
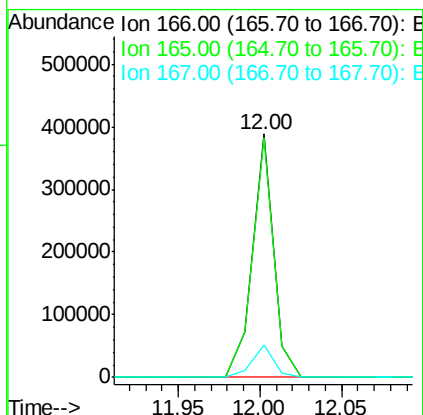
BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 59.81 ng

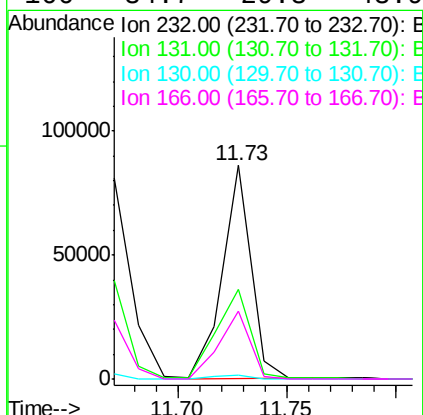
RT: 11.73 min Scan# 931

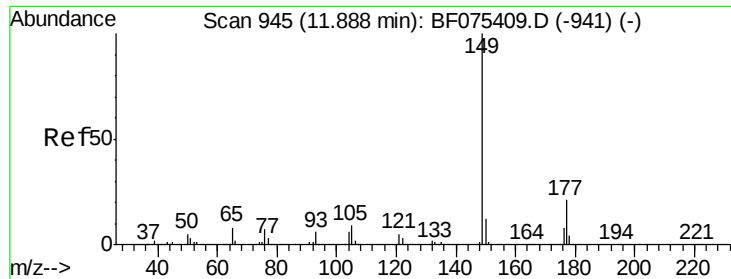
Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:	232	Resp:	78490
Ion Ratio	Lower	Upper	
232	100		
131	50.4	44.6	67.0
130	2.3	2.5	3.7#
166	34.7	29.3	43.9





#59

Diethylphthalate

Concen: 53.75 ng

RT: 11.86 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

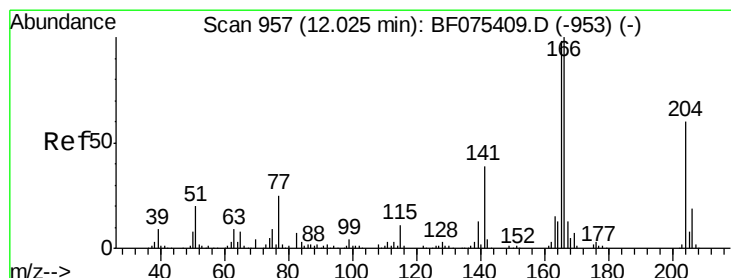
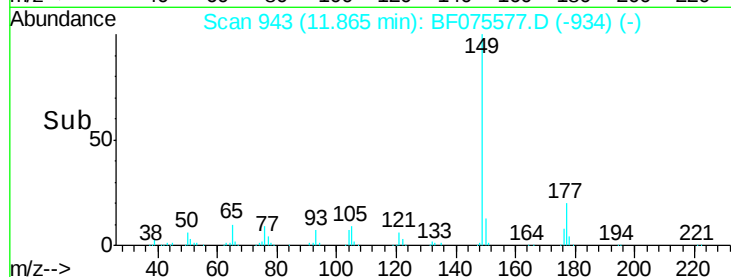
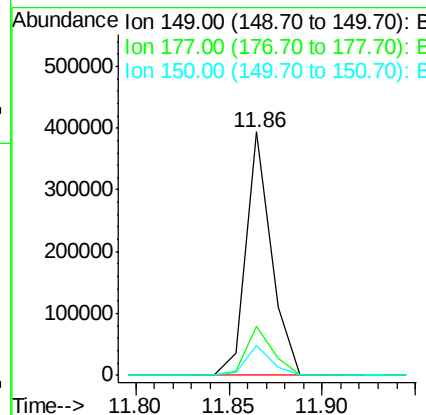
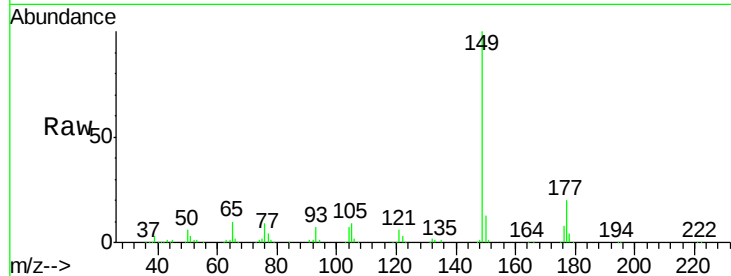
ClientSampleId :

REC-2-1(1.5-2.0)MSD

Tgt Ion:	149	Resp:	370292
Ion Ratio	Lower	Upper	
149	100		
177	20.4	15.8	23.8
150	12.5	9.9	14.9

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#60

4-Chlorophenyl-phenylether

Concen: 56.43 ng

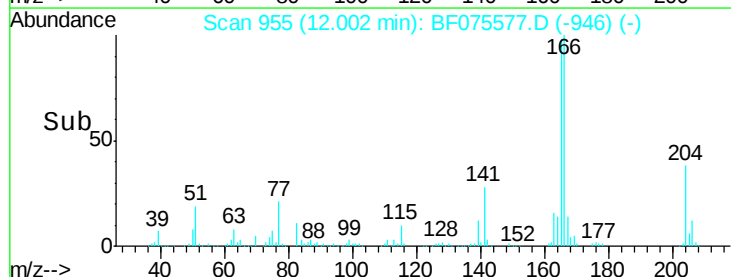
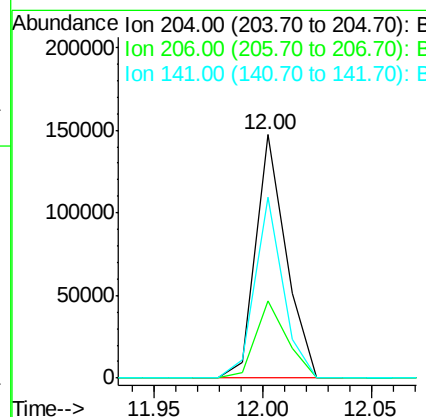
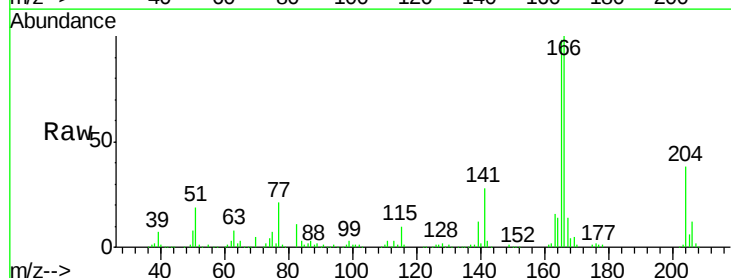
RT: 12.00 min Scan# 955

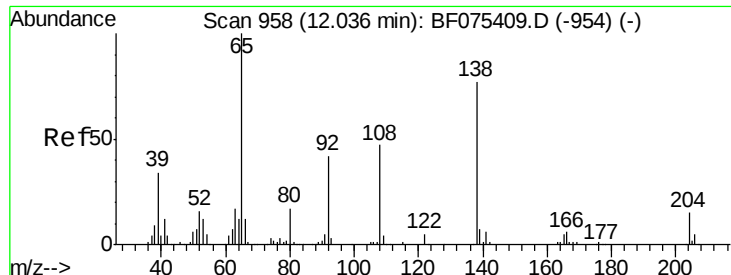
Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:	204	Resp:	142953
Ion Ratio	Lower	Upper	
204	100		
206	31.7	25.1	37.7
141	74.5	58.6	87.8





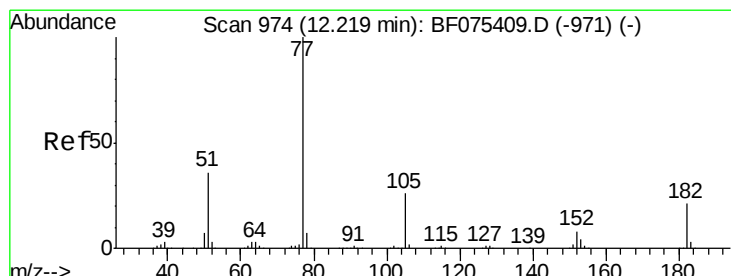
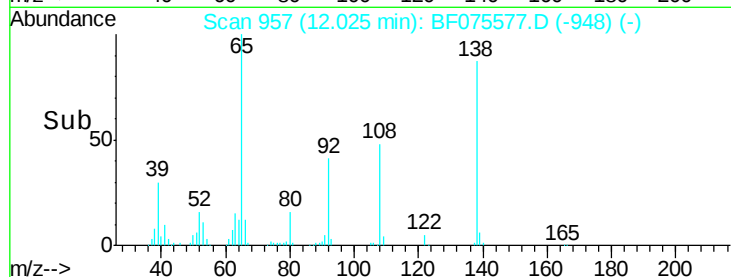
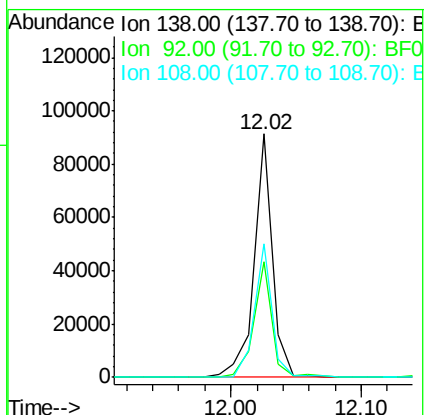
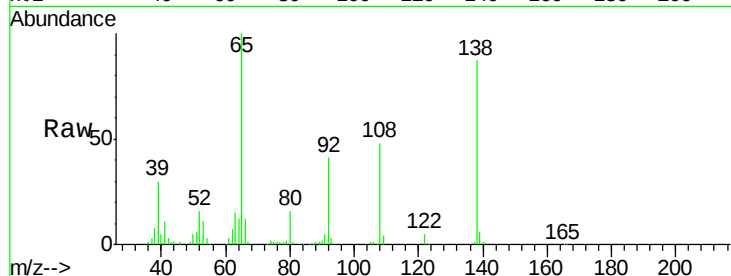
#61
4-Nitroaniline
Concen: 58.23 ng
RT: 12.02 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	34.8	74.8
108	54.9	50.6	90.6

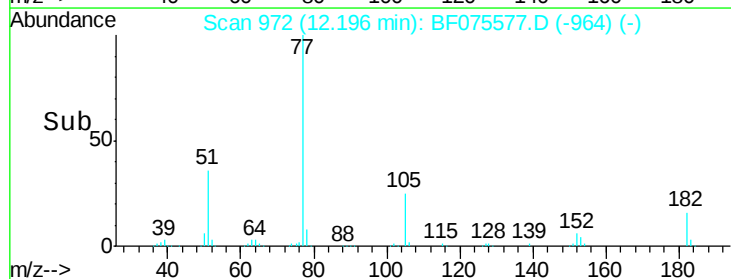
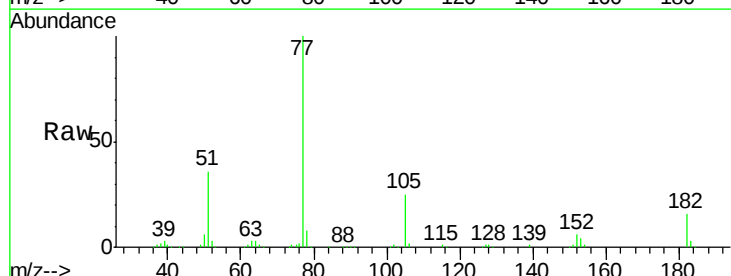
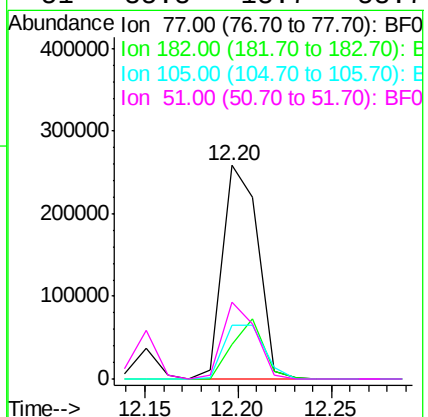
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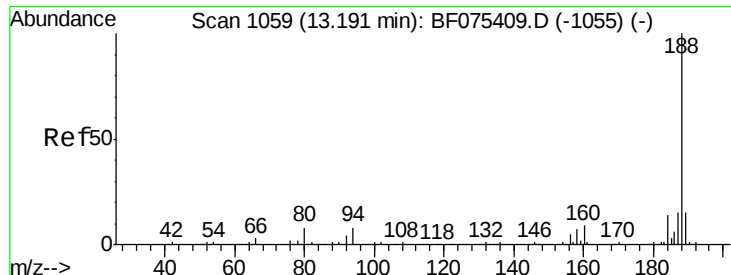
mohammad
11/17/2014 7:39:41 PM



#62
Azobenzene
Concen: 56.37 ng
RT: 12.20 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.1	0.0	37.1
105	25.1	3.7	43.7
51	35.8	18.7	58.7





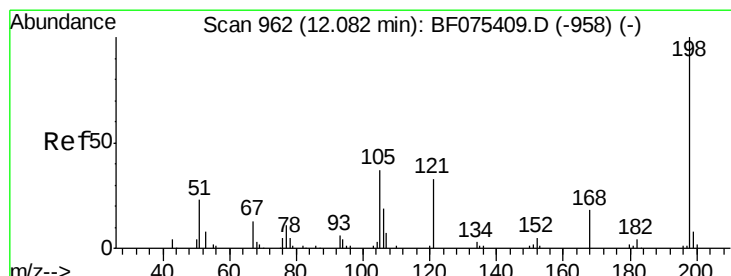
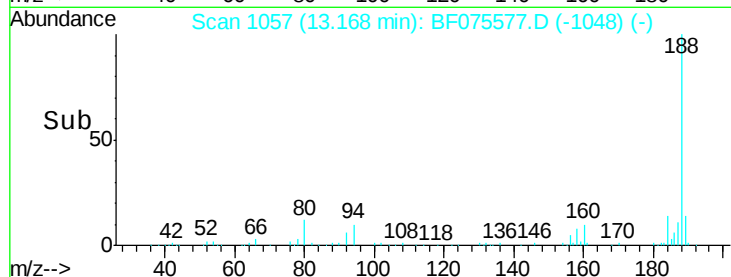
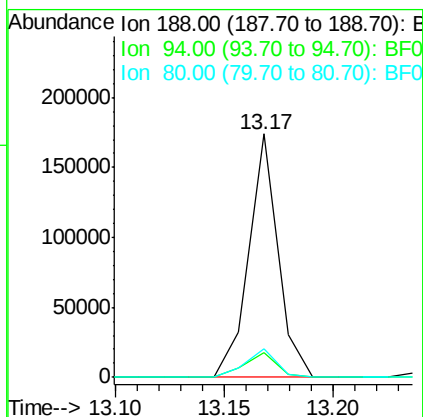
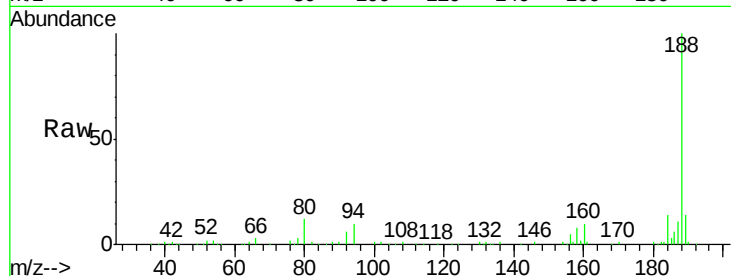
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	7.8	11.6
80	11.7	8.0	12.0

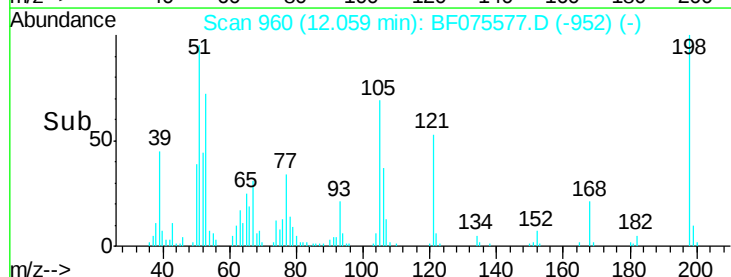
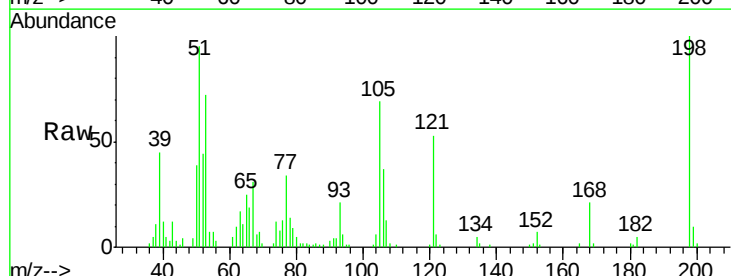
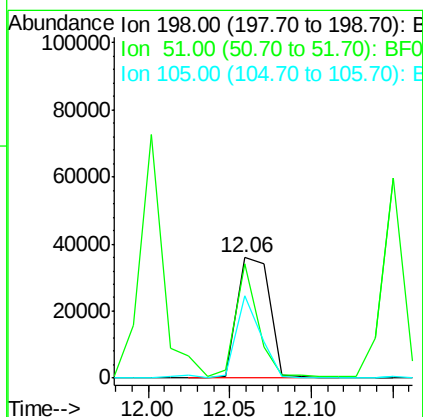
Manual Integrations
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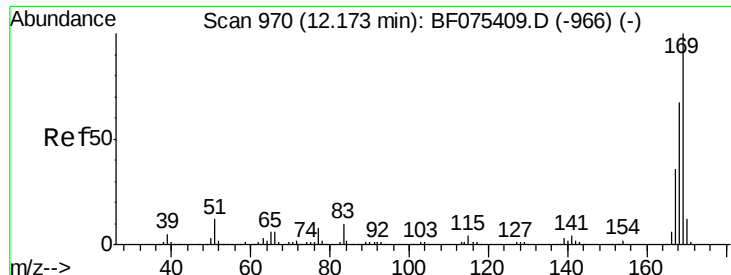
mohammad
11/17/2014 7:39:41 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 59.90 ng
RT: 12.06 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	94.9	26.0	66.0#
105	68.7	24.2	64.2#





#65

n-Nitrosodiphenylamine

Concen: 57.73 ng

RT: 12.15 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF075577.D

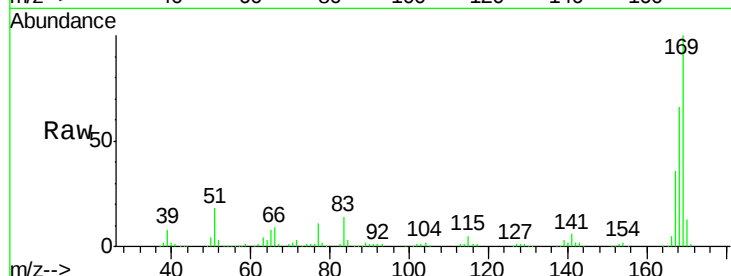
Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

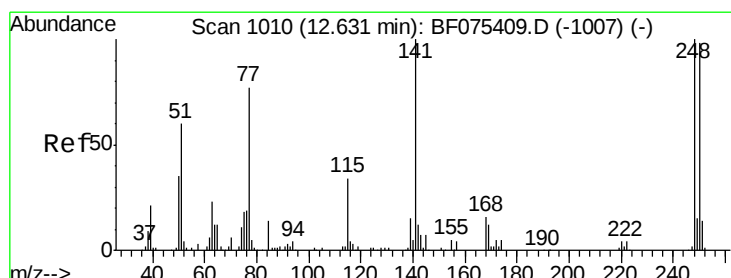
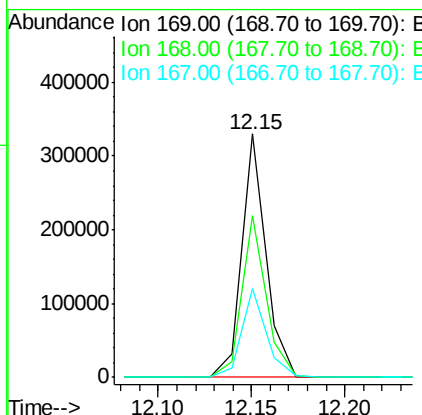
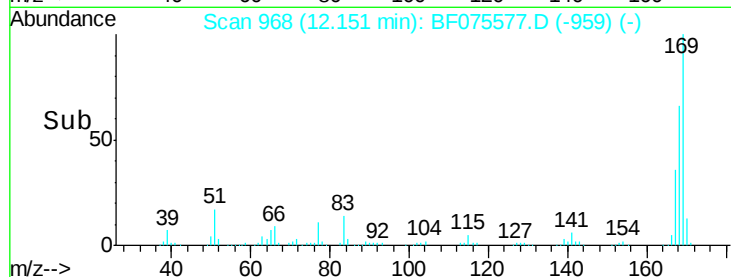
REC-2-1(1.5-2.0)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	297310		
168	66.2	53.5	80.3	
167	36.4	29.8	44.6	

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 57.78 ng

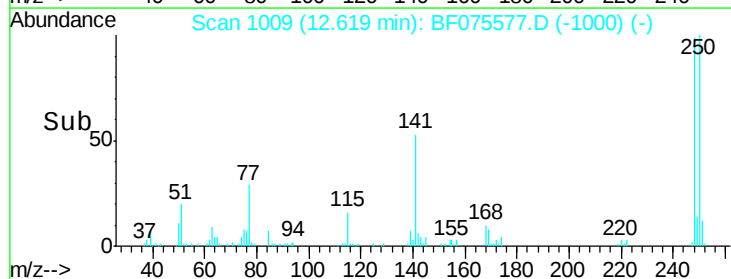
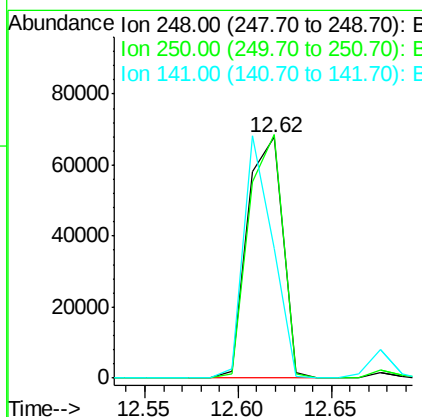
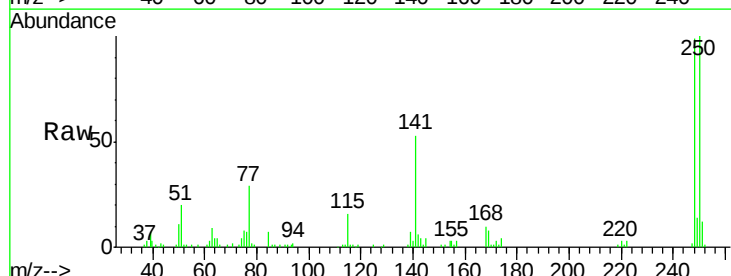
RT: 12.62 min Scan# 1009

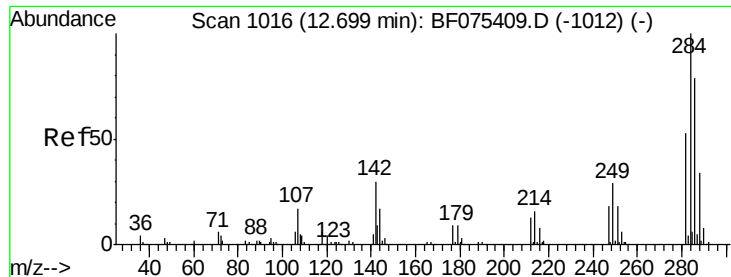
Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	88499		
250	101.1	76.3	114.5	
141	53.7	44.3	66.5	





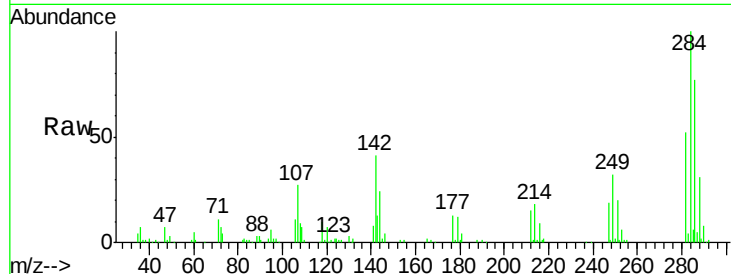
#67
Hexachlorobenzene
Concen: 59.94 ng
RT: 12.68 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

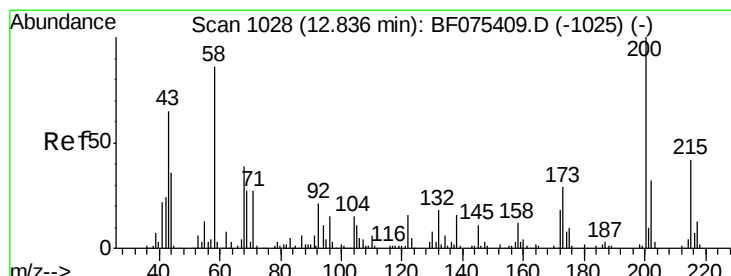
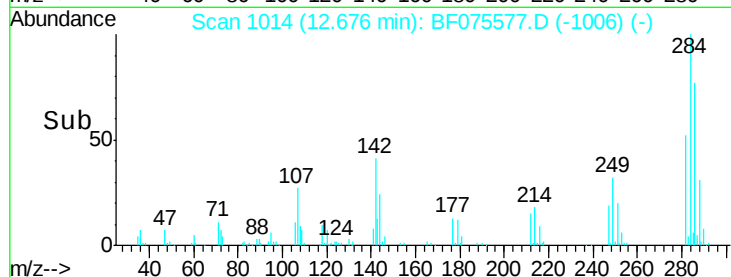
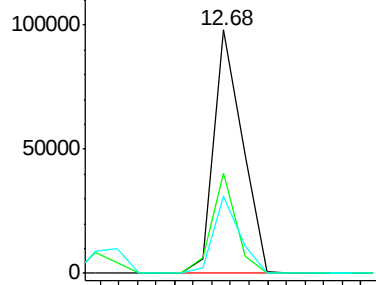
Tgt Ion:	284	Resp:	104260
Ion Ratio	Lower	Upper	
284	100		
142	41.4	28.7	43.1
249	31.6	24.1	36.1

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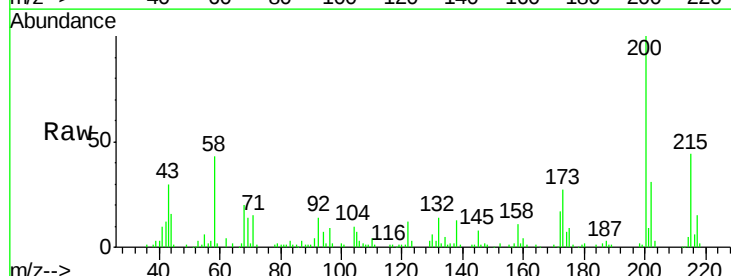


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

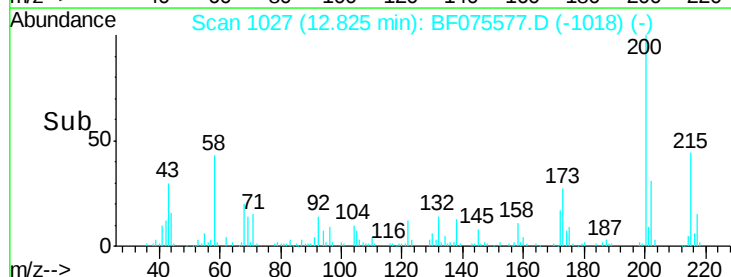
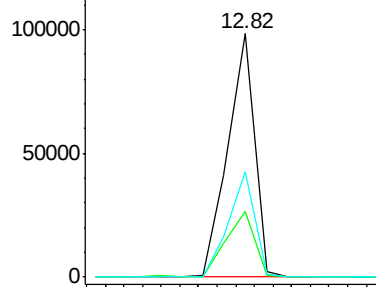


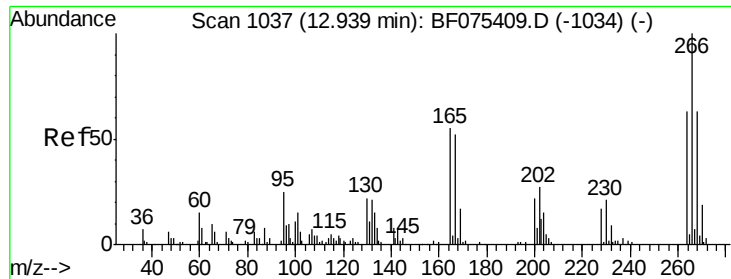
#68
Atrazine
Concen: 61.11 ng
RT: 12.82 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion:	200	Resp:	97667
Ion Ratio	Lower	Upper	
200	100		
173	26.9	12.3	52.3
215	43.5	23.8	63.8



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





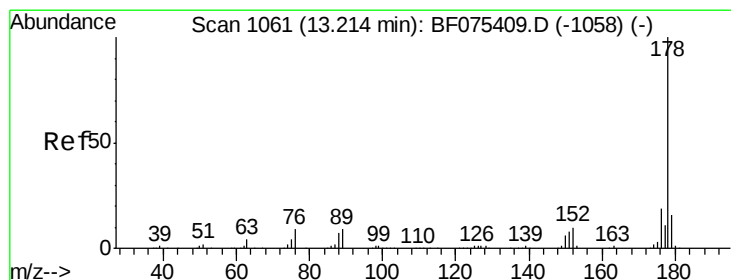
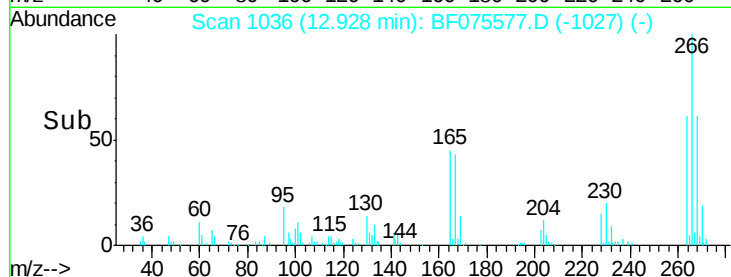
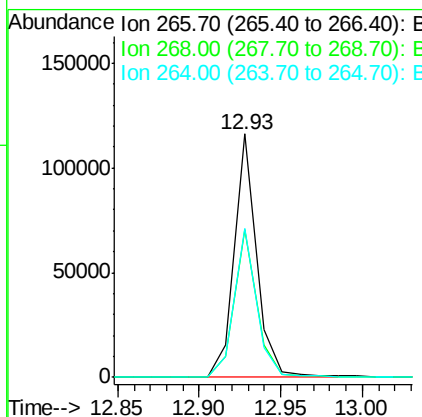
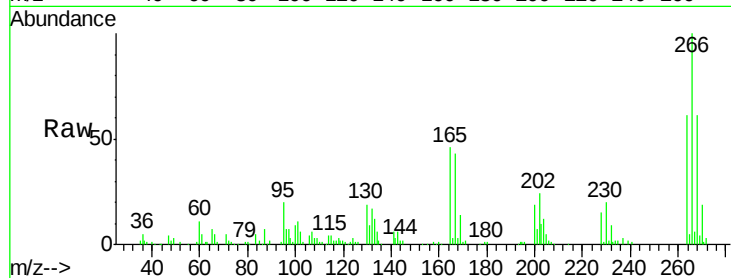
#69
 Pentachlorophenol
 Concen: 100.17 ng
 RT: 12.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	109363		
268	60.8	48.6	73.0	
264	61.3	52.1	78.1	

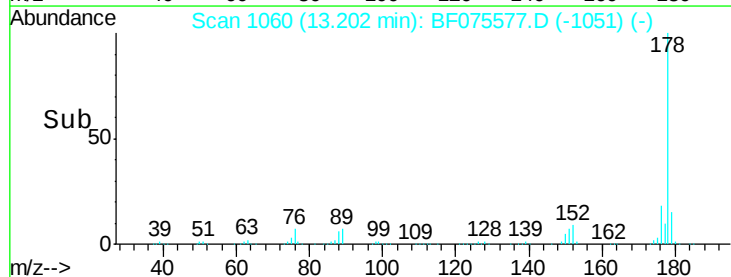
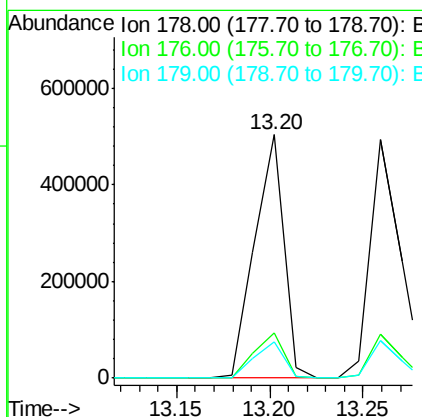
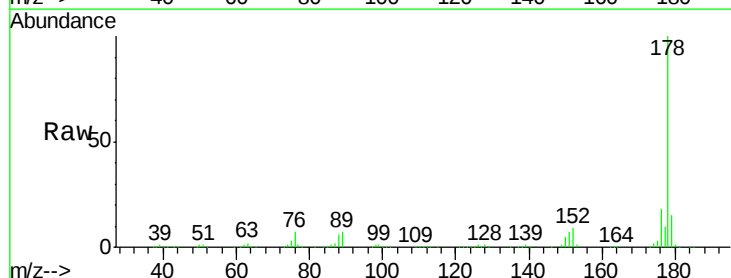
Manual Integrations
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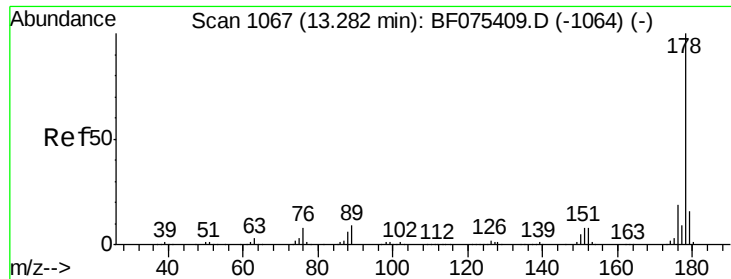
mohammad
 11/17/2014 7:39:41 PM



#70
 Phenanthrene
 Concen: 63.46 ng
 RT: 13.20 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	543763		
176	18.4	15.3	22.9	
179	15.0	12.2	18.4	





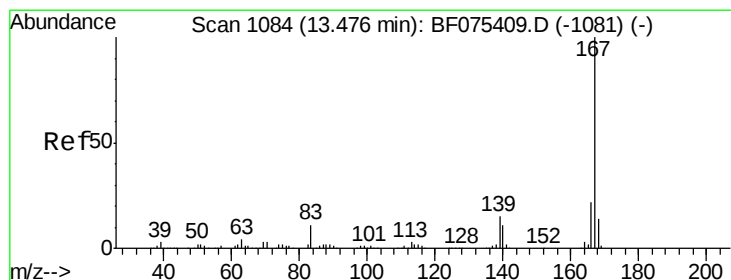
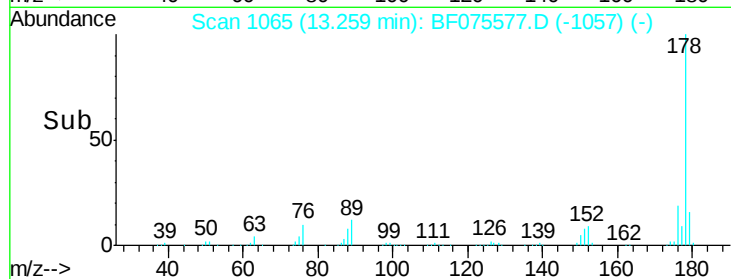
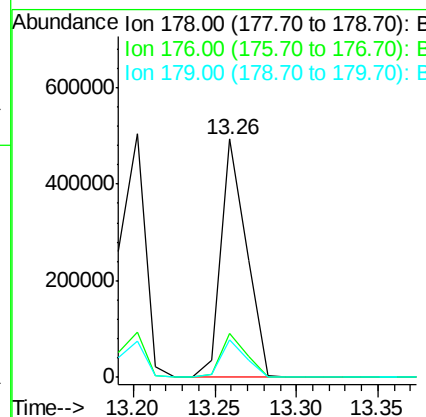
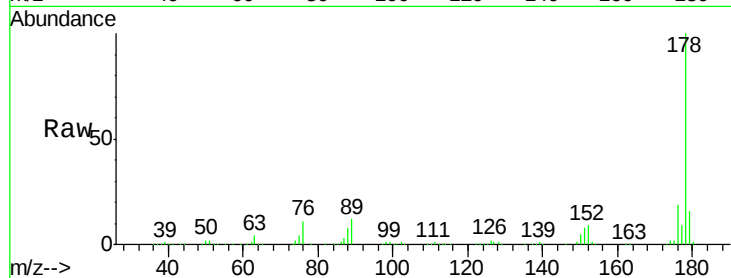
#71
 Anthracene
 Concen: 59.90 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.7	12.2	18.2

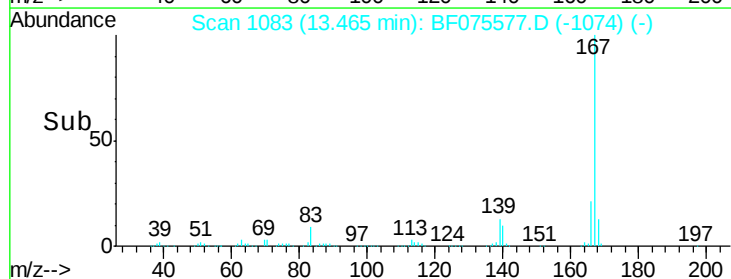
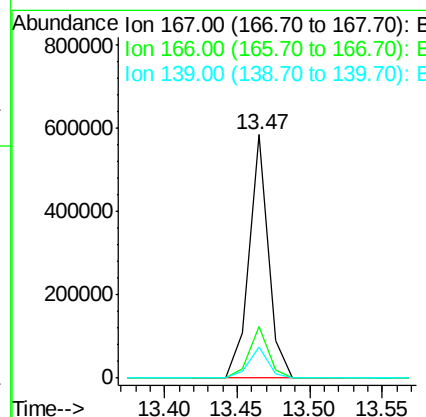
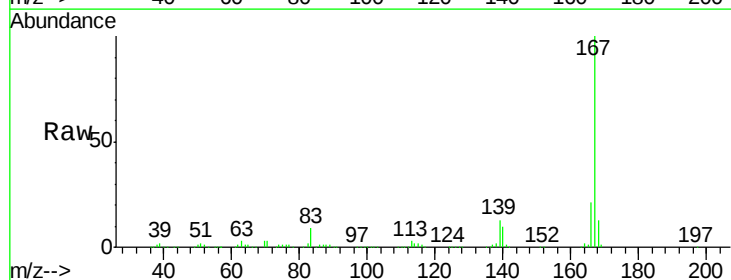
Manual Integrations
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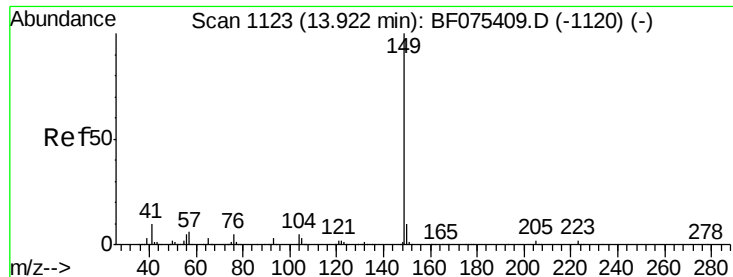
mohammad
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#72
 Carbazole
 Concen: 62.14 ng
 RT: 13.47 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	12.9	10.1	15.1





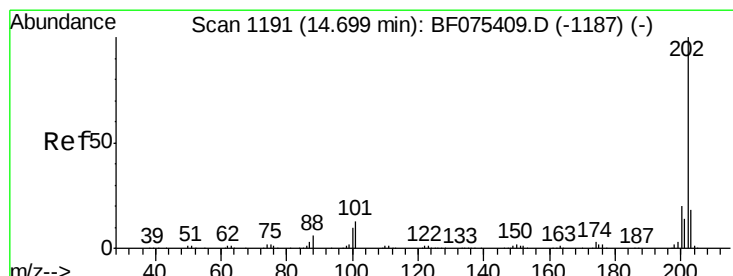
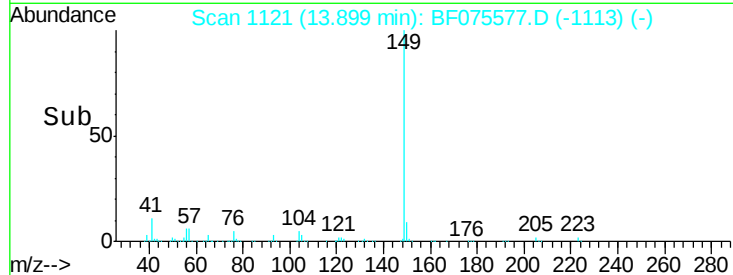
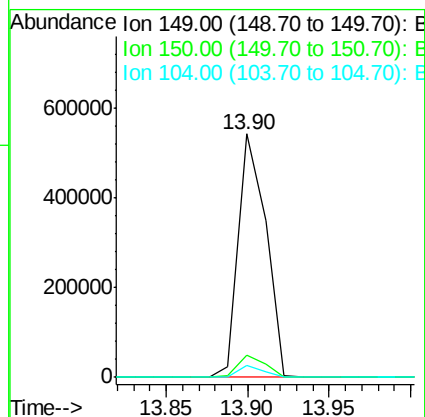
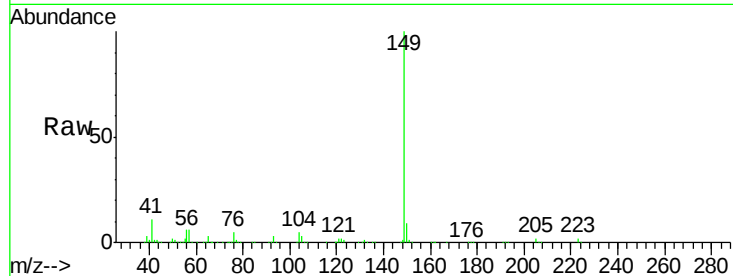
#73
Di-n-butylphthalate
Concen: 52.62 ng
RT: 13.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	629876		
150	9.3	7.3	10.9	
104	4.7	3.1	4.7#	

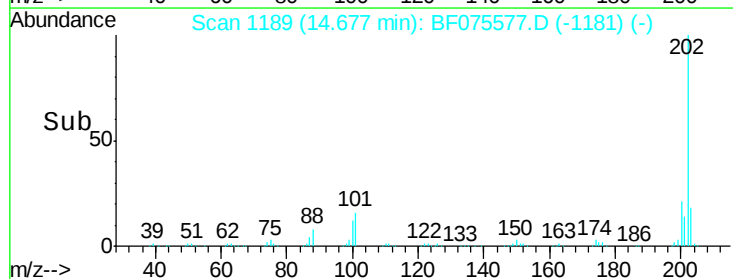
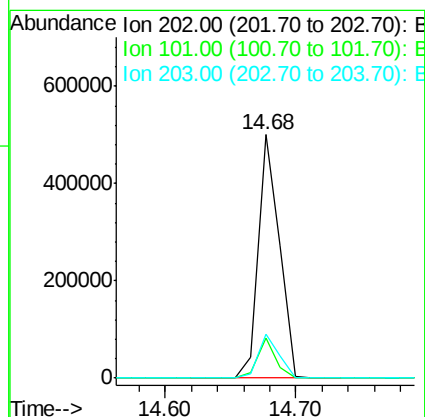
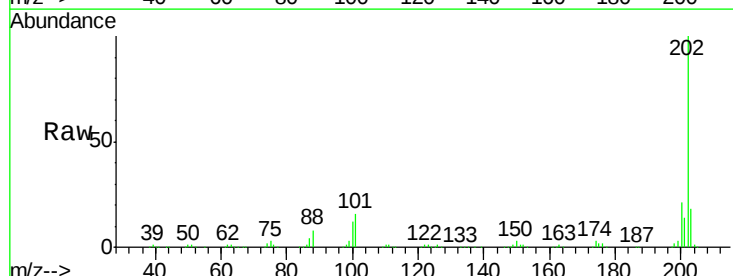
Manual Integrations
APPROVED

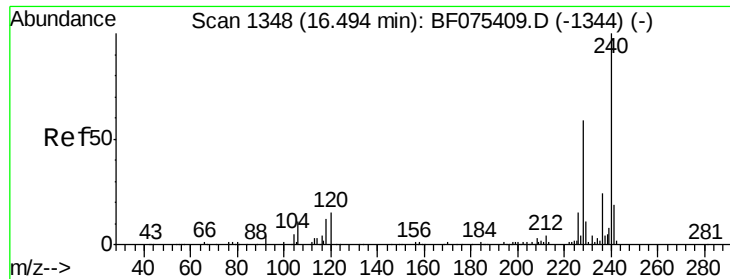
mohammad
11/17/2014 7:39:41 PM



#74
Fluoranthene
Concen: 61.68 ng
RT: 14.68 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	566057		
101	16.3	0.0	36.6	
203	18.0	0.0	38.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

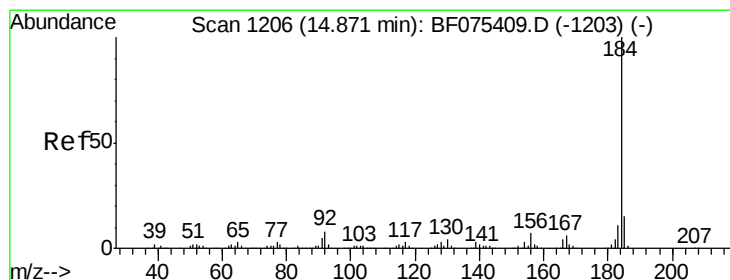
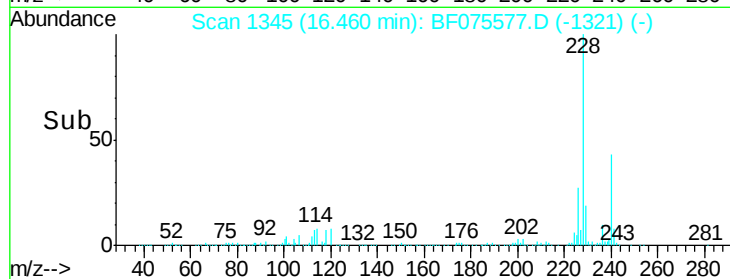
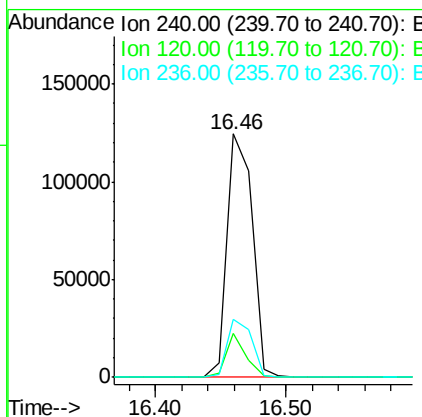
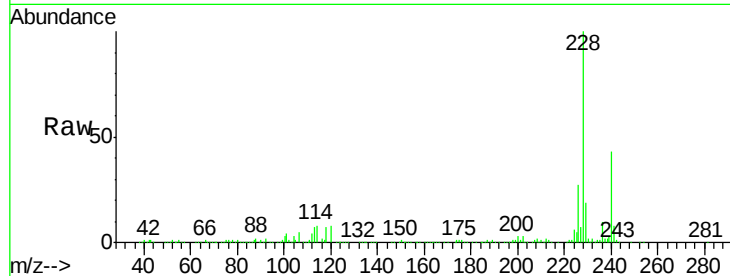
ClientSampleId :

REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	166917		
120	18.1	9.6	14.4#	
236	23.9	18.9	28.3	

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#76

Benzidine

Concen: 25.17 ng

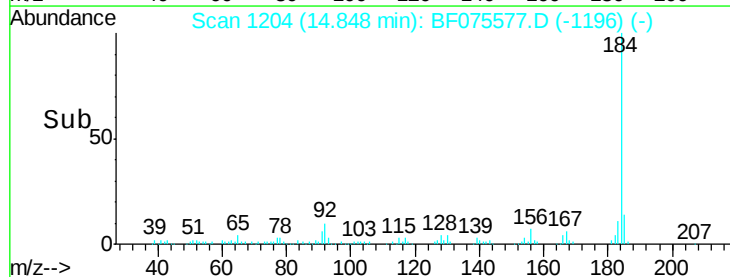
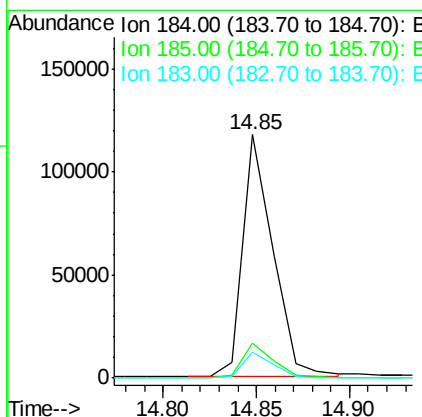
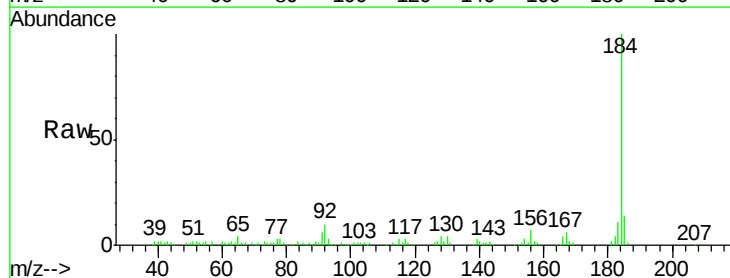
RT: 14.85 min Scan# 1204

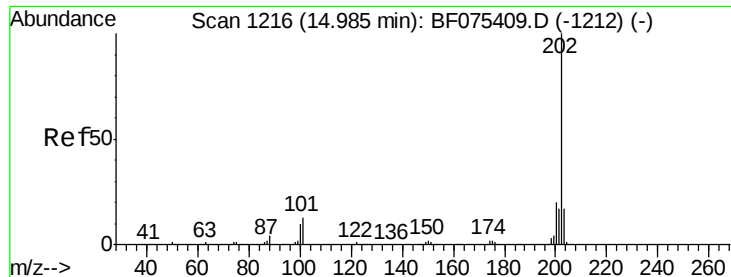
Delta R.T. -0.01 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	133589		
185	14.2	10.9	16.3	
183	10.7	8.7	13.1	





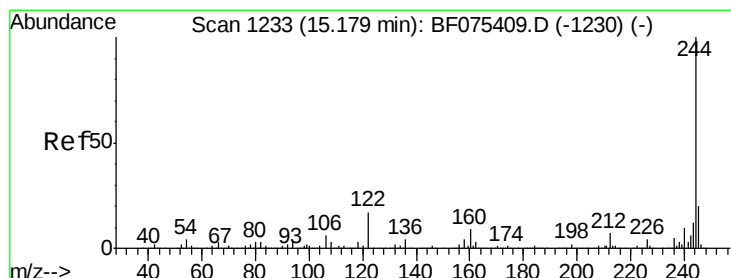
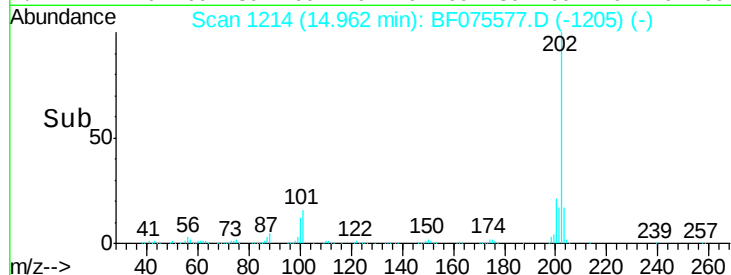
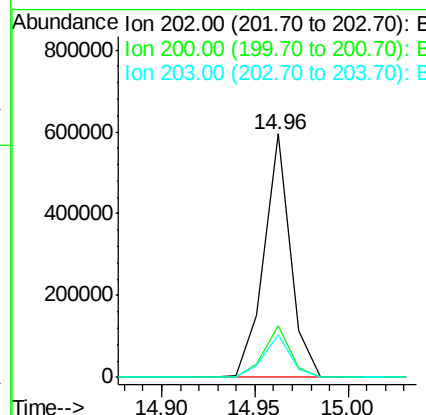
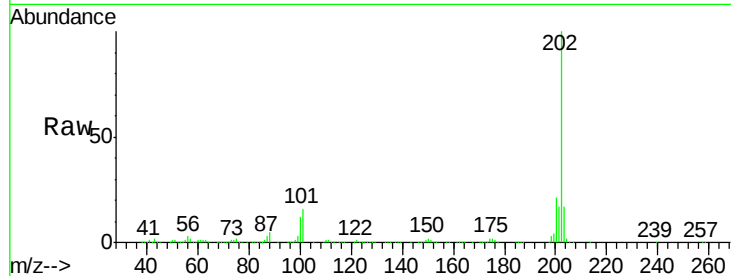
#77
 Pyrene
 Concen: 61.04 ng
 RT: 14.96 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.0	16.8	25.2
203	17.5	14.3	21.5

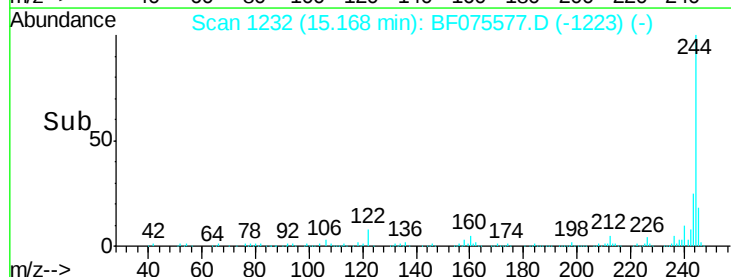
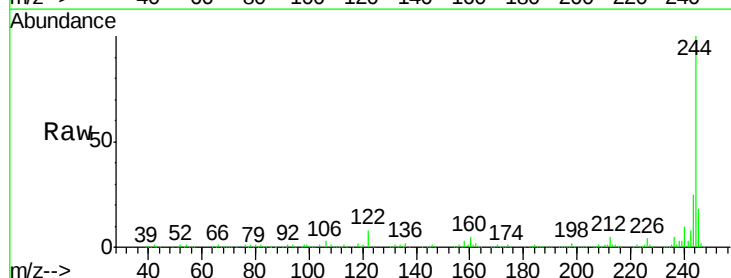
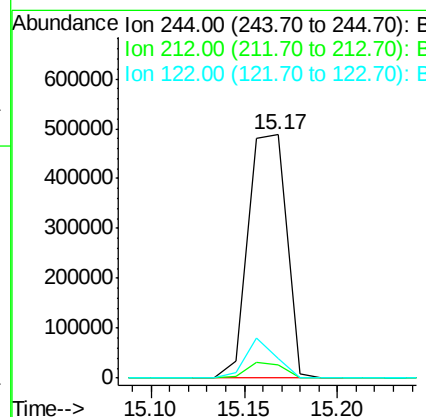
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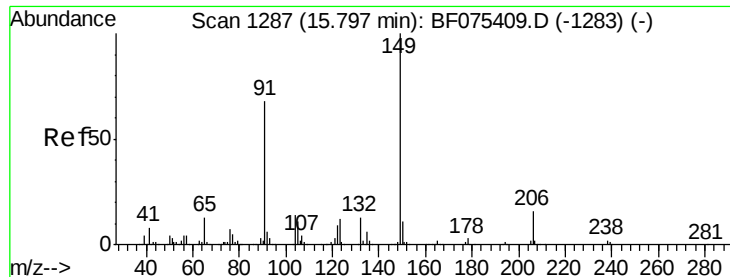
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#78
 Terphenyl-d14
 Concen: 111.98 ng
 RT: 15.17 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	5.4	5.5	8.3#
122	8.3	9.7	14.5#





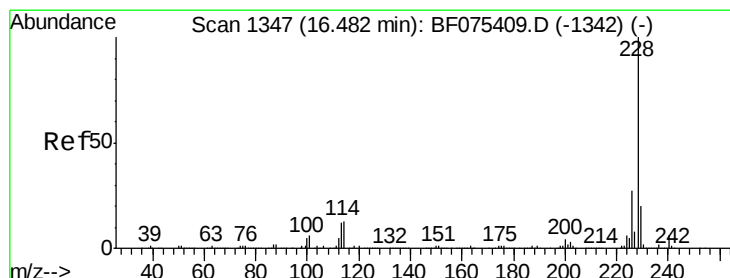
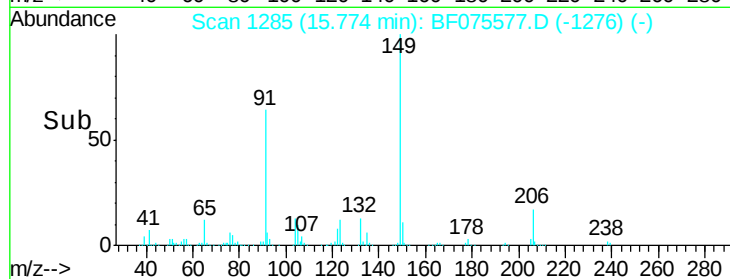
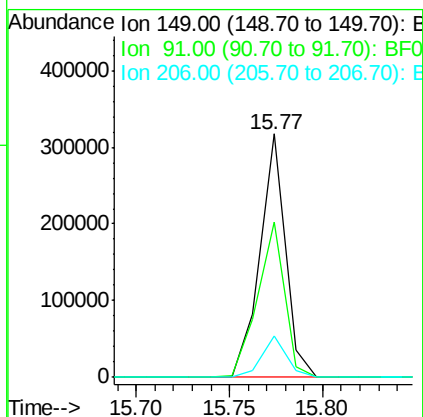
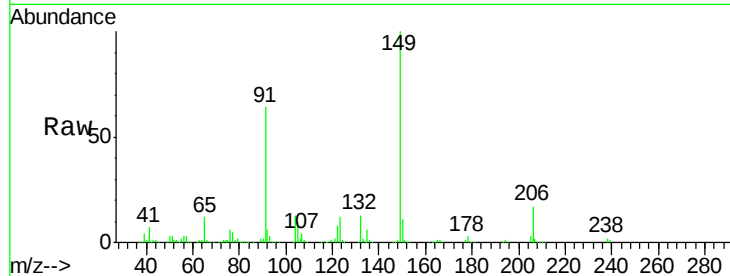
#79
Butylbenzylphthalate
Concen: 55.02 ng
RT: 15.77 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	299828		
91	63.7	49.0	73.4	
206	17.2	15.5	23.3	

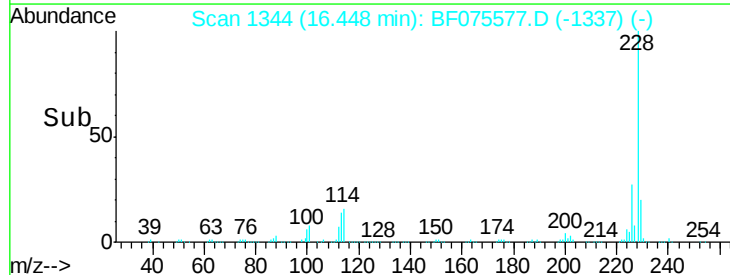
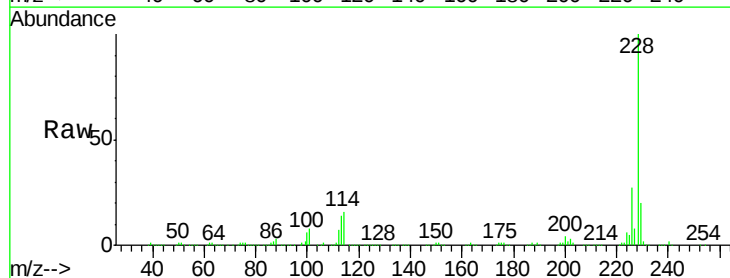
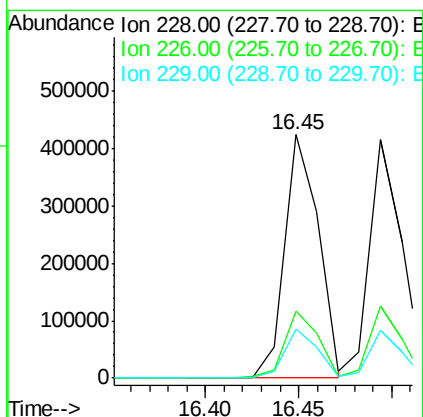
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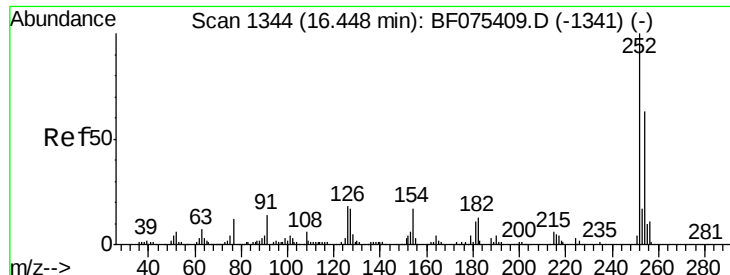
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#80
Benzo(a)anthracene
Concen: 61.35 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	537994		
226	27.3	21.8	32.8	
229	20.1	15.3	22.9	





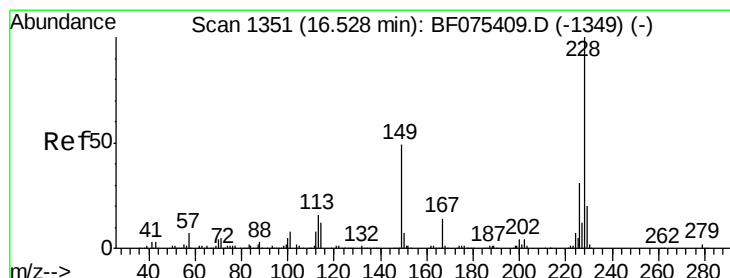
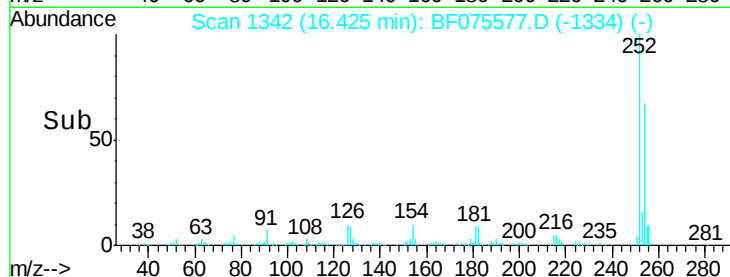
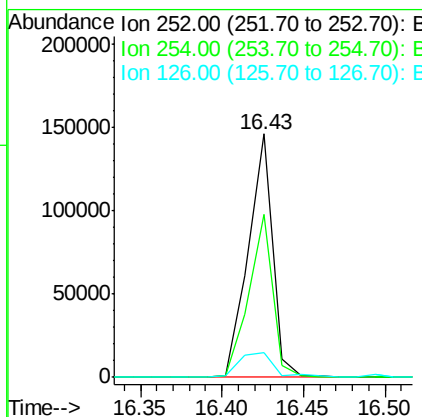
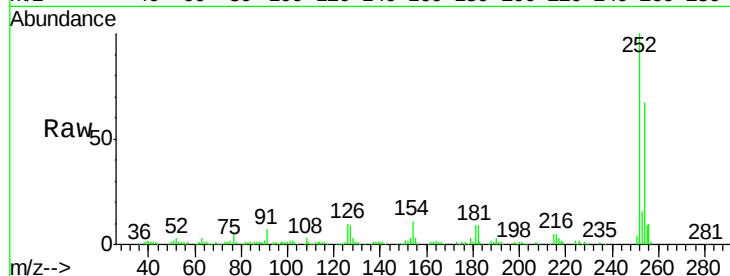
#81
 3,3'-Dichlorobenzidine
 Concen: 47.05 ng
 RT: 16.43 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	67.0	50.0	75.0
126	10.0	16.0	24.0

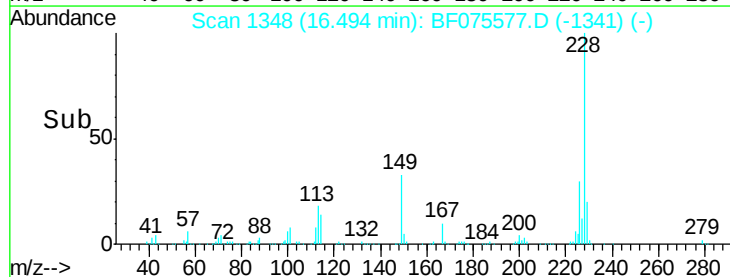
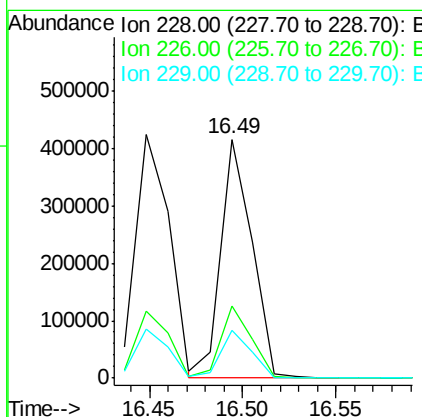
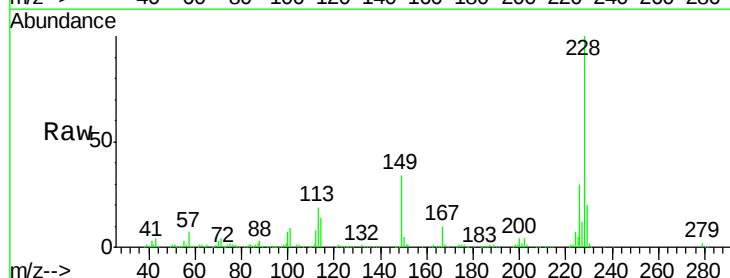
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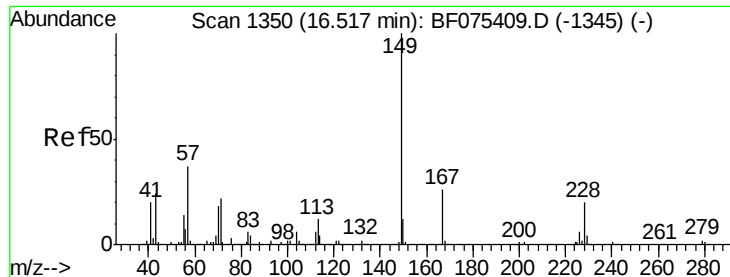
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#82
 Chrysene
 Concen: 63.84 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. -0.02 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	23.8	35.6
229	19.9	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.98 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

Tgt Ion:149 Resp: 420480
Ion Ratio Lower Upper

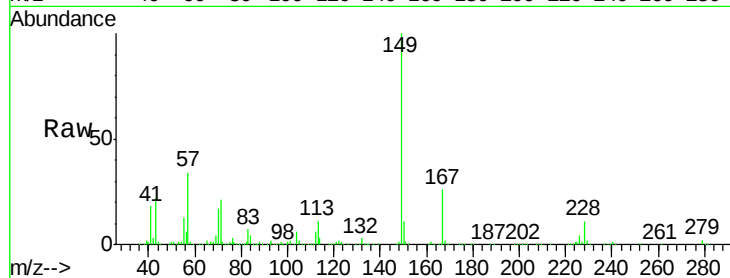
149 100

167 26.0 21.4 32.2

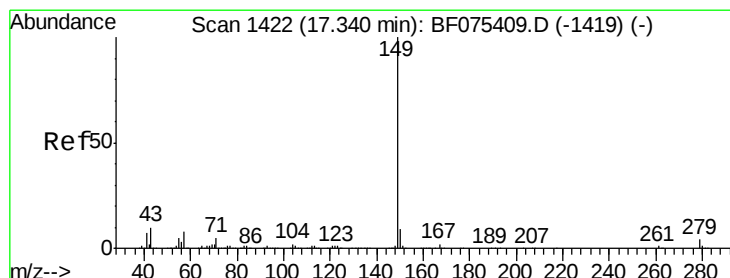
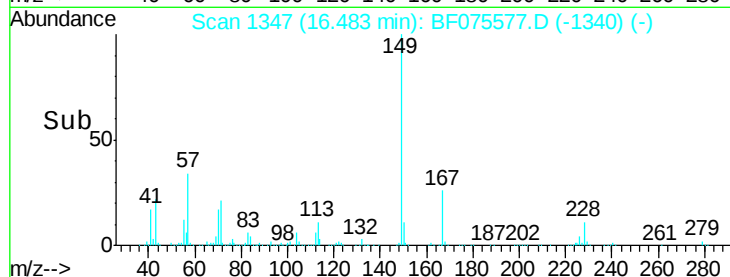
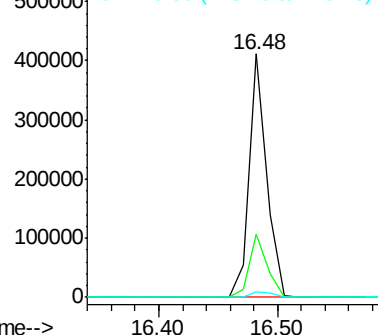
279 2.4 2.8 4.2#

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



#84

Di-n-octyl phthalate

Concen: 49.98 ng

RT: 17.27 min Scan# 1416

Delta R.T. -0.06 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

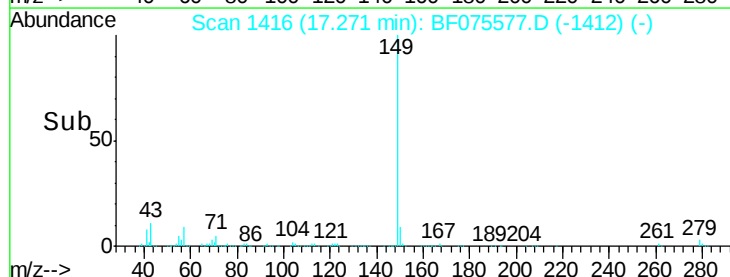
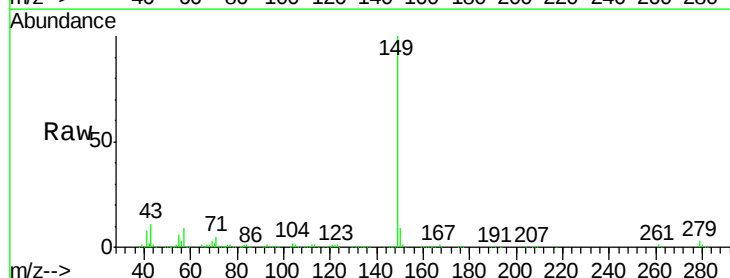
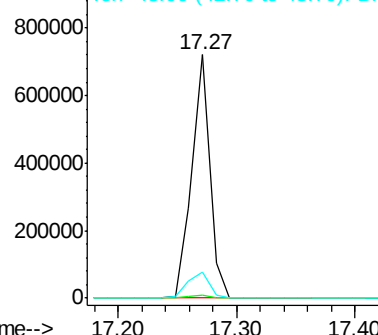
Tgt Ion:149 Resp: 755290
Ion Ratio Lower Upper

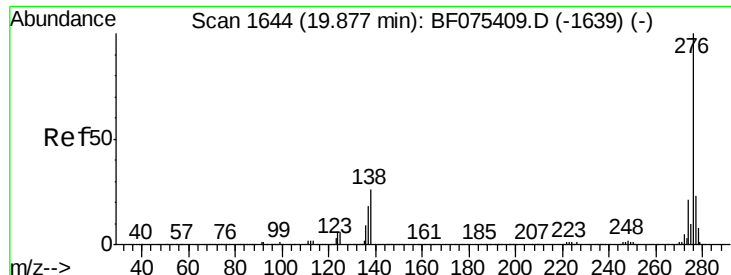
149 100

167 1.6 1.1 1.7

43 12.4 11.0 16.4

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





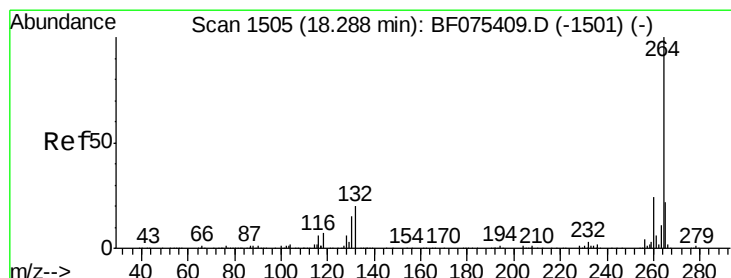
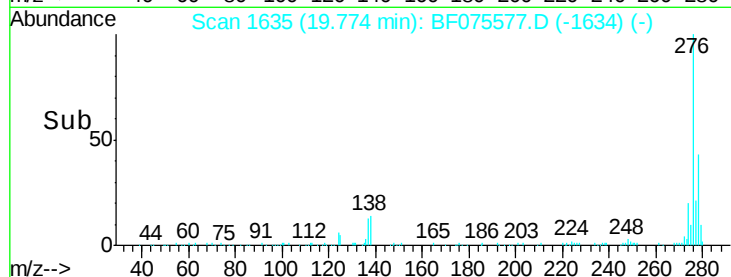
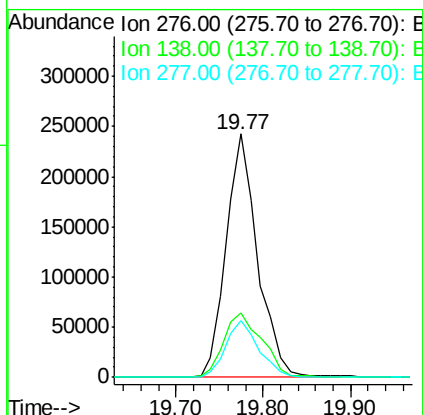
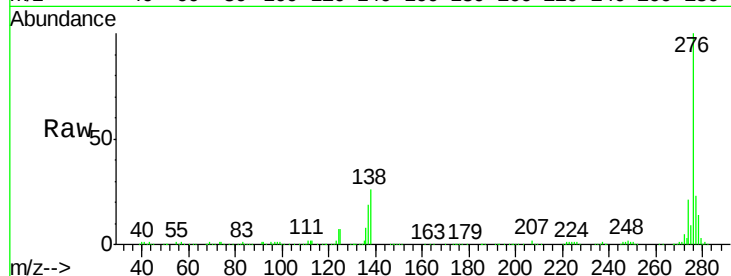
#85
Indeno(1,2,3-cd)pyrene
Concen: 66.25 ng m
RT: 19.77 min Scan# 1635
Delta R.T. -0.09 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	0.0	0.0	0.0
277	16.4	0.0	0.0

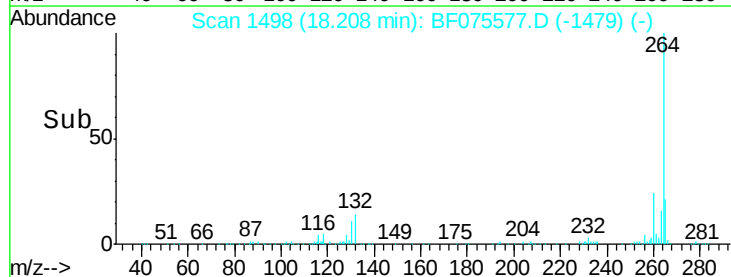
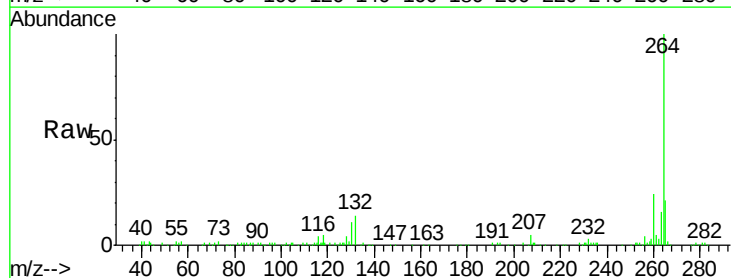
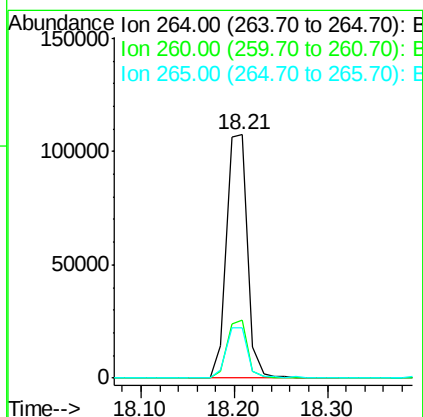
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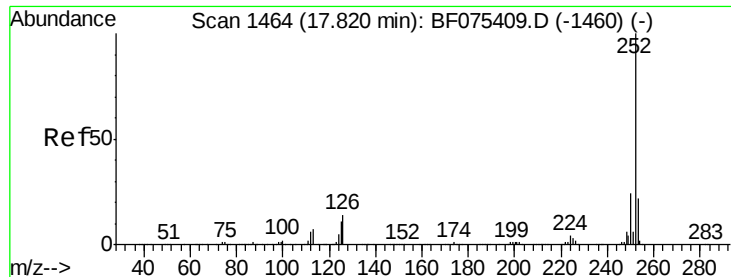
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1498
Delta R.T. -0.08 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	17.9	26.9
265	20.6	16.3	24.5





#87

Benzo(b)fluoranthene

Concen: 68.97 ng

RT: 17.74 min Scan# 1457

Delta R.T. -0.07 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

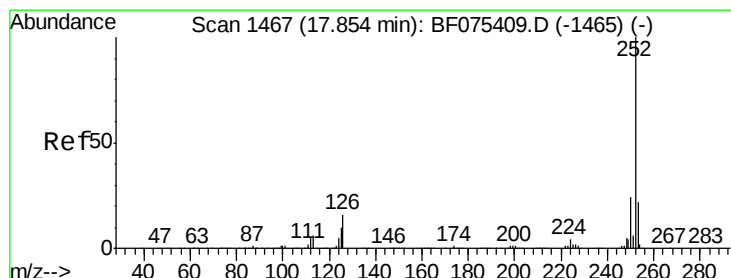
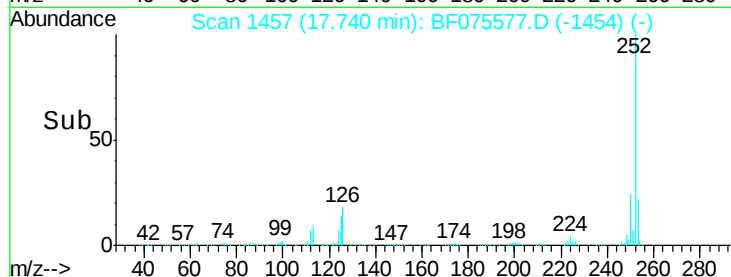
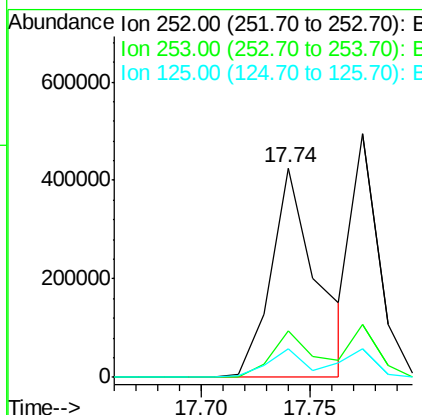
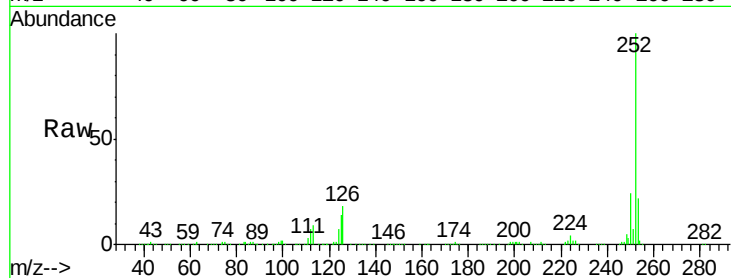
ClientSampleId :

REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	13.6	11.8	17.6

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#88

Benzo(k)fluoranthene

Concen: 51.92 ng m

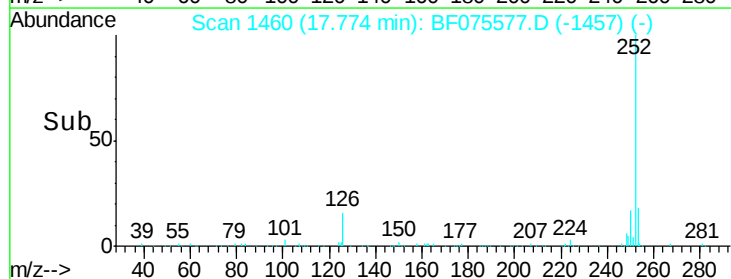
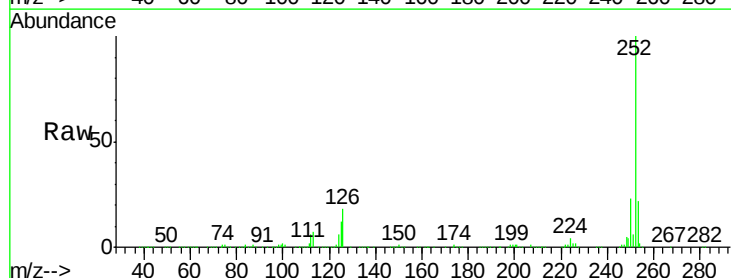
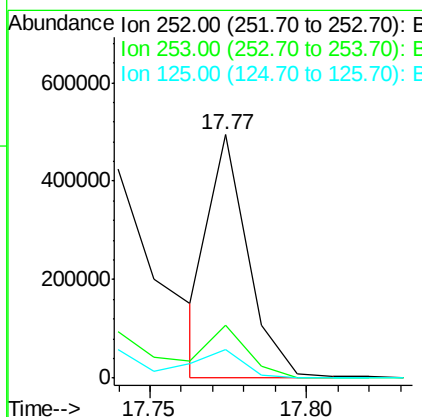
RT: 17.77 min Scan# 1460

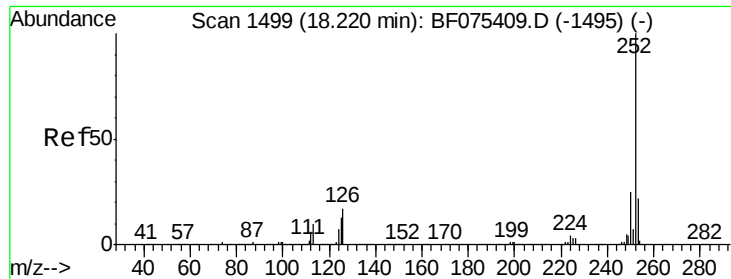
Delta R.T. -0.07 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.9	11.6	17.4





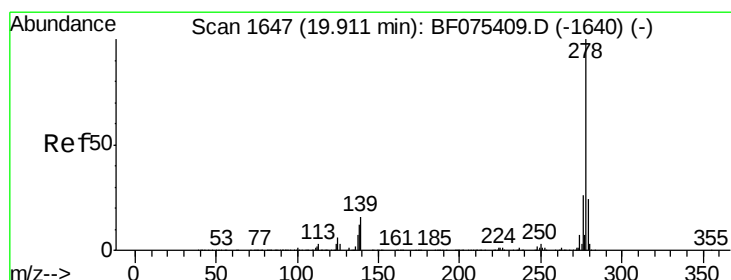
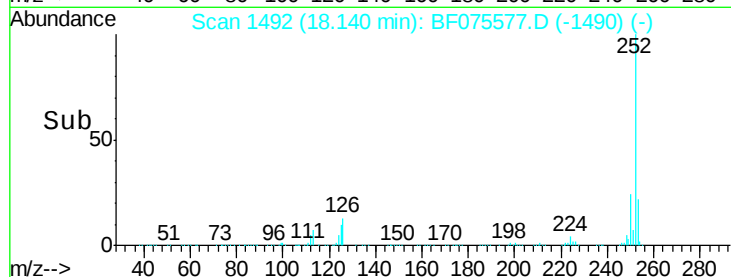
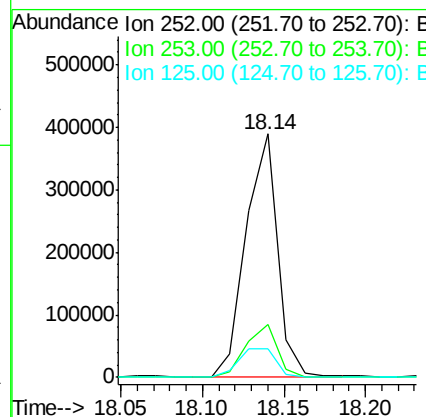
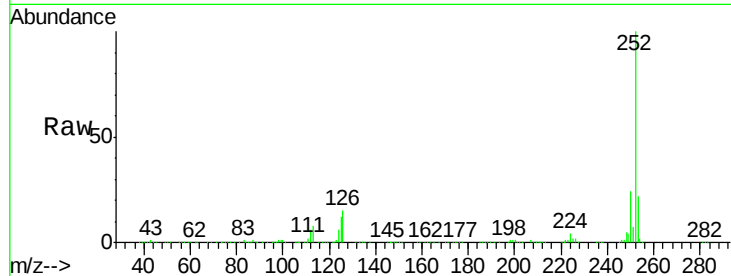
#89
Benzo(a)pyrene
Concen: 64.80 ng
RT: 18.14 min Scan# 1492
Delta R.T. -0.08 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	11.5	12.2	18.4

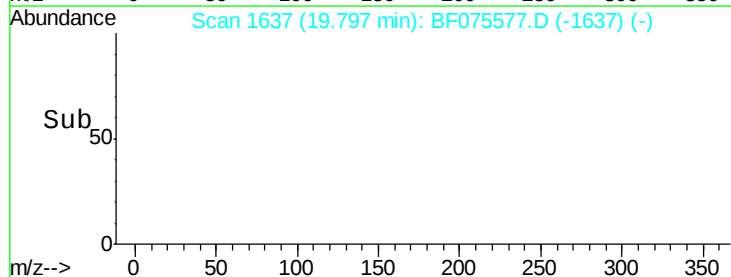
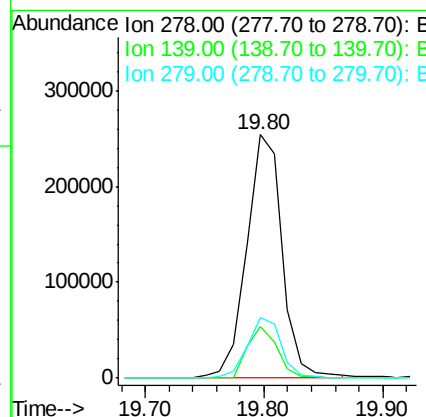
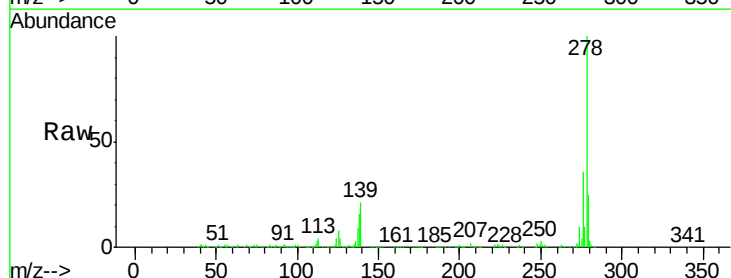
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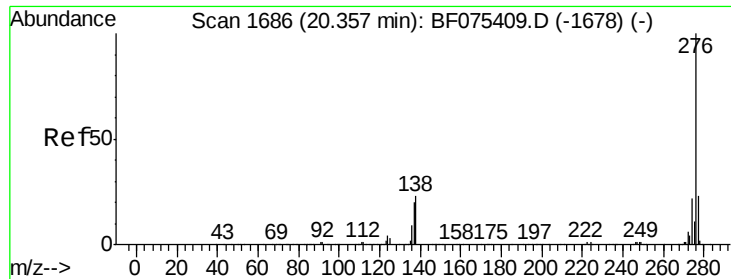
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 62.19 ng
RT: 19.80 min Scan# 1637
Delta R.T. -0.10 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	13.6	20.4
279	25.0	19.4	29.0





#91
 Benzo(g,h,i)perylene
 Concen: 64.01 ng
 RT: 20.24 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion:	276	Resp:	515623
Ion Ratio	Lower	Upper	
276	100		
277	24.3	17.8	26.8
138	28.8	22.8	34.2

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