

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075519.D
 Acq On : 15 Nov 2014 3:09
 Operator : TP / JJ
 Sample : PB80238BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Manual Integrations
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 11/17/2014 7:35:21 PM

Quant Time: Nov 16 04:23:47 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	44333	20.00	ng	-0.03
21) Naphthalene-d8	9.13	136	190855	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	96432	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	163596	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	178143	20.00	ng	-0.08
86) Perylene-d12	18.23	264	174580	20.00	ng	-0.21

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	399200	159.08	ng	-0.02
7) Phenol-d6	7.09	99	482776	159.98	ng	-0.02
23) Nitrobenzene-d5	8.24	82	276664	106.28	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	111208	137.69	ng	-0.03
44) 2-Fluorobiphenyl	10.47	172	526026	98.57	ng	-0.02
78) Terphenyl-d14	15.16	244	559596	84.57	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	48085	45.64	ng	97
3) Pyridine	3.27	79	123037m	43.46	ng	
4) n-Nitrosodimethylamine	3.19	42	69667m	46.49	ng	
6) Aniline	7.13	93	119630	27.45	ng	100
8) 2-Chlorophenol	7.28	128	129911	44.73	ng	95
9) Benzaldehyde	7.00	77	4407	2.17	ng	94
10) Phenol	7.11	94	177705	48.27	ng	85
11) bis(2-Chloroethyl)ether	7.24	93	137031	49.14	ng	# 80
12) 1,3-Dichlorobenzene	7.48	146	142498	45.02	ng	97
13) 1,4-Dichlorobenzene	7.57	146	143139	44.45	ng	99
14) 1,2-Dichlorobenzene	7.75	146	134048	44.40	ng	98
15) Benzyl Alcohol	7.73	79	100350	42.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.90	45	267404	46.33	ng	98
17) 2-Methylphenol	7.86	107	113057	47.02	ng	96
18) Hexachloroethane	8.17	117	49580	44.90	ng	91
19) n-Nitroso-di-n-propylamine	8.06	70	95116	46.26	ng	93
20) 3+4-Methylphenols	8.05	107	143733	45.65	ng	# 84
22) Acetophenone	8.06	105	191952	46.62	ng	98
24) Nitrobenzene	8.26	77	148653	49.27	ng	98
25) Isophorone	8.56	82	266017	44.76	ng	98
26) 2-Nitrophenol	8.65	139	62903	45.76	ng	95
27) 2,4-Dimethylphenol	8.71	122	123164	46.23	ng	98
28) bis(2-Chloroethoxy)methane	8.84	93	175863	48.55	ng	99
29) 2,4-Dichlorophenol	8.95	162	108336	46.42	ng	96
30) 1,2,4-Trichlorobenzene	9.06	180	107557	43.89	ng	98
31) Naphthalene	9.16	128	414787	48.75	ng	99
32) Benzoic acid	8.79	122	83806m	52.06	ng	
33) 4-Chloroaniline	9.22	127	82508	22.32	ng	99
34) Hexachlorobutadiene	9.32	225	56372	42.56	ng	96
35) Caprolactam	9.64	113	34702	44.86	ng	95
36) 4-Chloro-3-methylphenol	9.82	107	111111	43.39	ng	92
37) 2-Methylnaphthalene	10.01	142	257795	44.41	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	95300	48.08	ng	98
40) Hexachlorocyclopentadiene	10.21	237	121748	101.11	ng	97

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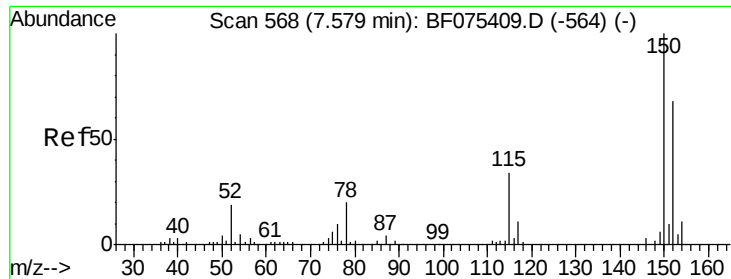
Manual Integrations
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Quant Time: Nov 16 04:23:47 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	67198	42.63	nq	98
43) 2,4,5-Trichlorophenol	10.40	196	71605	43.61	nq #	81
45) 1,1'-Biphenyl	10.60	154	309444	47.57	nq	99
46) 2-Chloronaphthalene	10.62	162	246633	48.49	nq	99
47) 2-Nitroaniline	10.75	65	77744	50.80	nq #	82
48) Acenaphthylene	11.13	152	403961	48.17	nq	98
49) Dimethylphthalate	10.99	163	285653	43.33	nq	99
50) 2,6-Dinitrotoluene	11.05	165	62276	47.96	nq #	78
51) Acenaphthene	11.35	154	261957	51.75	nq	99
52) 3-Nitroaniline	11.26	138	53744	35.10	nq #	82
53) 2,4-Dinitrophenol	11.39	184	57337	79.17	nq #	78
54) Dibenzofuran	11.57	168	344601	47.64	nq	94
55) 4-Nitrophenol	11.45	139	113832	93.01	nq	92
56) 2,4-Dinitrotoluene	11.56	165	82487	48.36	nq	91
57) Fluorene	11.99	166	278073	47.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	60264	46.25	nq #	95
59) Diethylphthalate	11.87	149	286027	41.81	nq	96
60) 4-Chlorophenyl-phenylether	12.00	204	118530	47.12	nq #	84
61) 4-Nitroaniline	12.01	138	73442	47.99	nq	79
62) Azobenzene	12.20	77	284277	47.24	nq	89
64) 4,6-Dinitro-2-methylphenol	12.05	198	35335	42.70	nq #	60
65) n-Nitrosodiphenylamine	12.14	169	227447	43.95	nq	99
66) 4-Bromophenyl-phenylether	12.61	248	73669	47.86	nq #	91
67) Hexachlorobenzene	12.68	284	79564	45.52	nq #	81
68) Atrazine	12.81	200	71465	44.50	nq	96
69) Pentachlorophenol	12.92	266	95293	86.87	nq	98
70) Phenanthrene	13.19	178	417077	48.44	nq	100
71) Anthracene	13.25	178	418665	47.04	nq	99
72) Carbazole	13.45	167	399600	45.89	nq	99
73) Di-n-butylphthalate	13.90	149	489471	40.69	nq	100
74) Fluoranthene	14.67	202	441604	47.89	nq	97
76) Benzidine	14.85	184	194026m	34.25	nq	
77) Pyrene	14.95	202	451006m	43.55	nq	
79) Butylbenzylphthalate	15.76	149	219325	37.71	nq #	76
80) Benzo(a)anthracene	16.45	228	422493	45.14	nq	99
81) 3,3'-Dichlorobenzidine	16.41	252	77767	22.51	nq	99
82) Chrysene	16.49	228	385711	47.65	nq	99
83) Bis(2-ethylhexyl)phthalate	16.49	149	328277	35.83	nq	100
84) Di-n-octyl phthalate	17.29	149	583598m	36.19	nq	
85) Indeno(1,2,3-cd)pyrene	19.80	276	516685m	52.62	nq	
87) Benzo(b)fluoranthene	17.77	252	434421	46.54	nq #	96
88) Benzo(k)fluoranthene	17.81	252	434687m	51.89	nq	
89) Benzo(a)pyrene	18.16	252	428728	51.33	nq	98
90) Dibenzo(a,h)anthracene	19.83	278	450102	51.61	nq #	96
91) Benzo(g,h,i)perylene	20.27	276	446996	53.79	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 565

Delta R.T. -0.03 min

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Instrument :

BNA_F

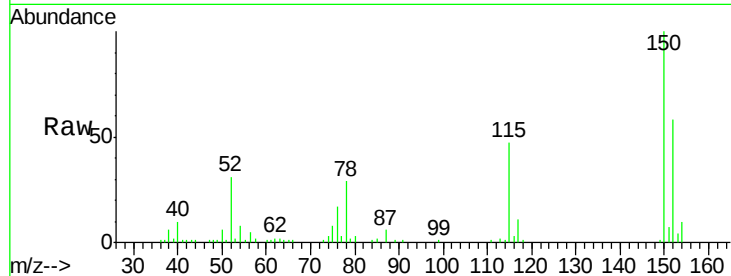
ClientSampleId :

PB80238BS

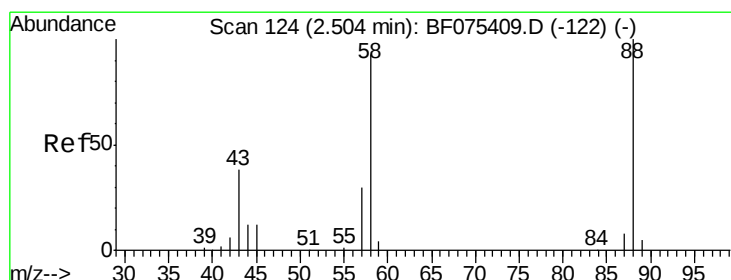
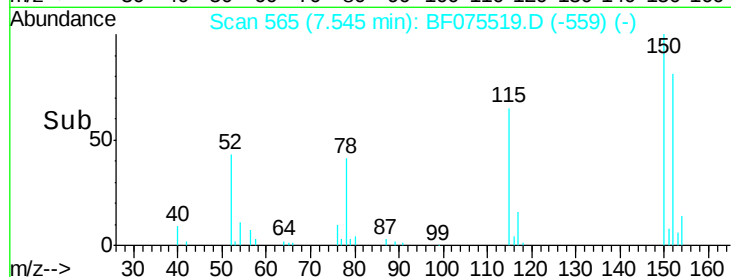
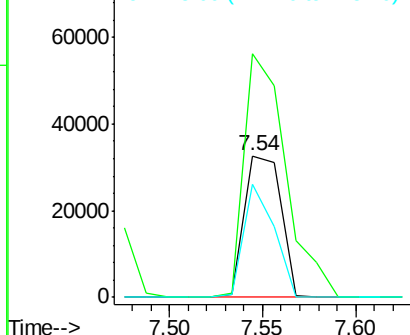
Tot Ion:	152	Resp:	44333
Ion	Ratio	Lower	Upper
152	100		
150	172.4	127.2	190.8
115	80.3	57.1	85.7

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



#2

1,4-Dioxane

Concen: 45.64 ng

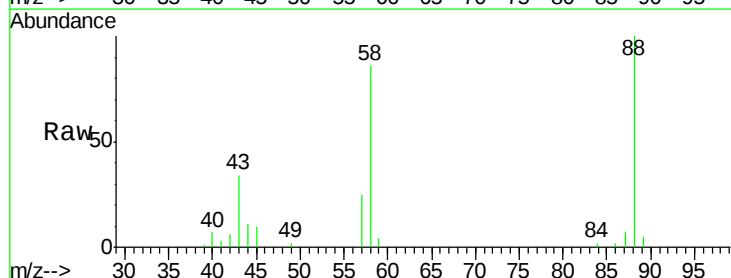
RT: 2.48 min Scan# 122

Delta R.T. -0.05 min

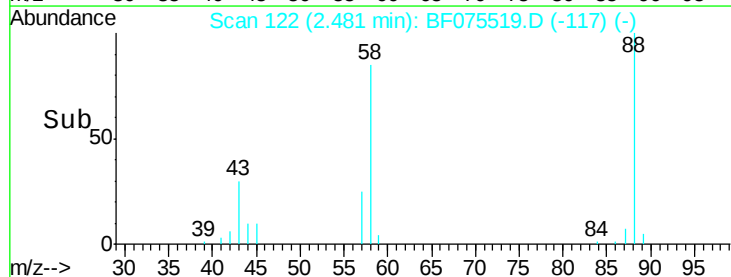
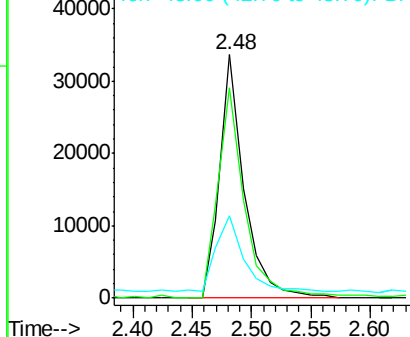
Lab File: BF075519.D

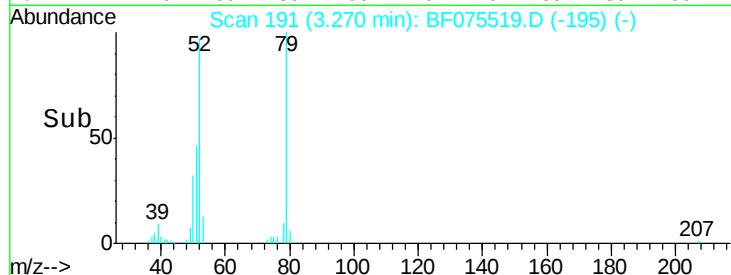
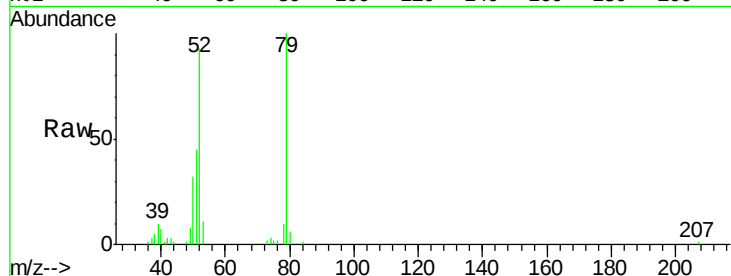
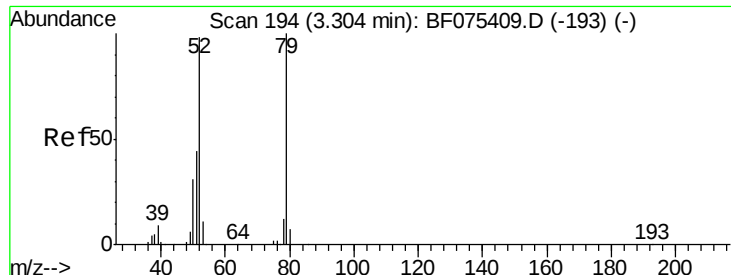
Acq: 15 Nov 2014 3:09

Tgt Ion:	88	Resp:	48085
Ion	Ratio	Lower	Upper
88	100		
58	93.9	73.5	110.3
43	35.8	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





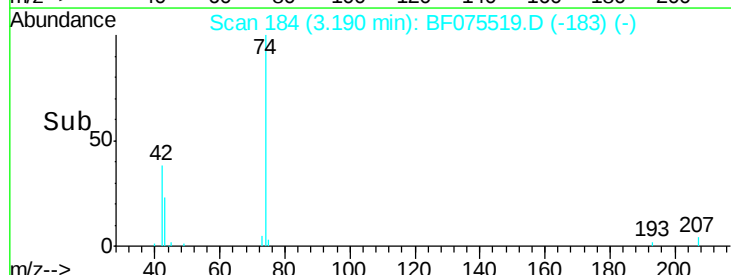
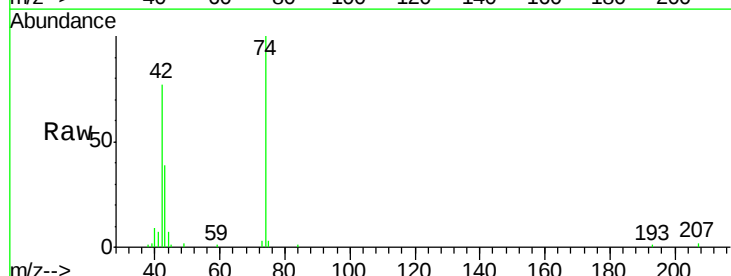
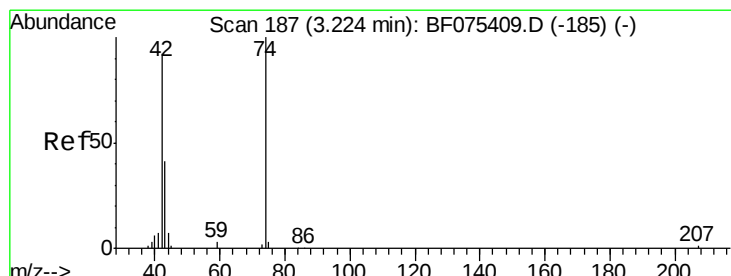
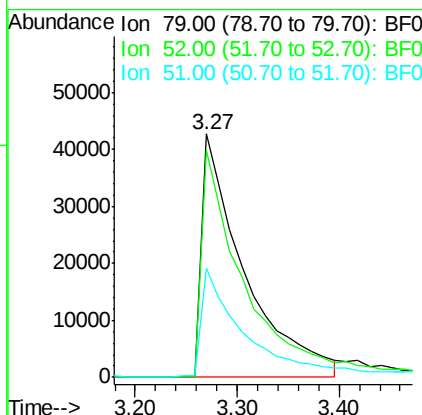
#3
 Pvridine
 Concen: 43.46 ng m
 RT: 3.27 min Scan# 191
 Delta R.T. -0.15 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tot Ion:	79	Resp:	123037
Ion Ratio	Lower	Upper	
79	100		
52	93.2	76.6	115.0
51	44.6	37.0	55.4

Instrument :
 BNA_F
 ClientSampled :
 PB80238BS

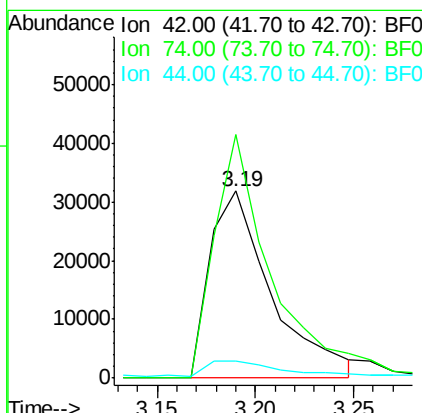
Manual Integrations
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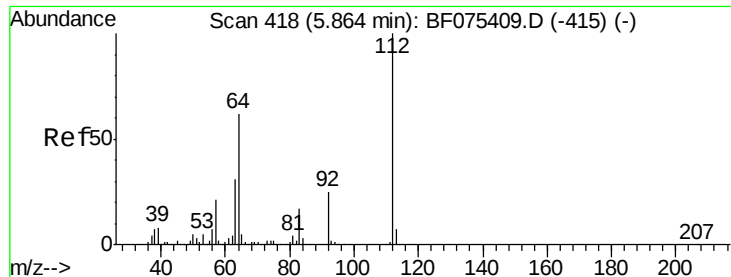
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#4
 n-Nitrosodimethylamine
 Concen: 46.49 ng m
 RT: 3.19 min Scan# 184
 Delta R.T. -0.09 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion:	42	Resp:	69667
Ion Ratio	Lower	Upper	
42	100		
74	130.4	82.4	123.6#
44	9.3	8.2	12.4





#5

2-Fluorophenol

Concen: 159.08 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

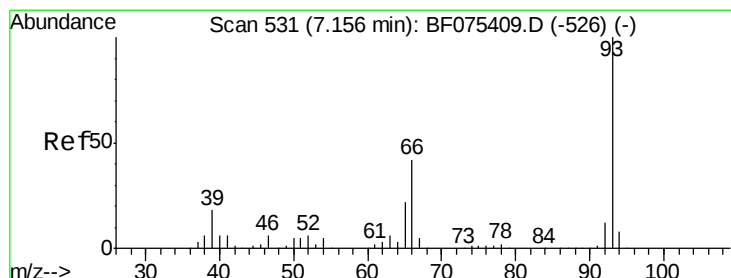
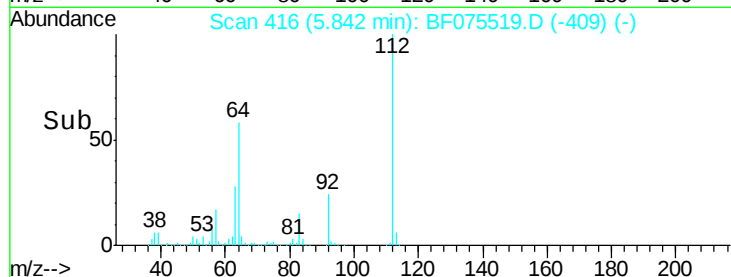
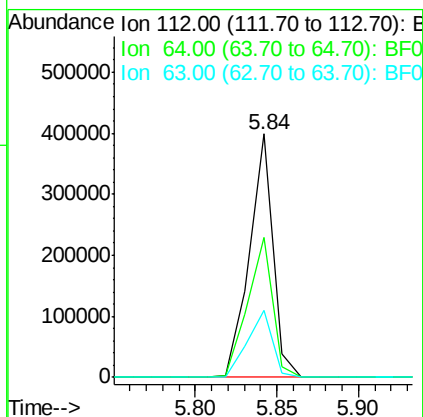
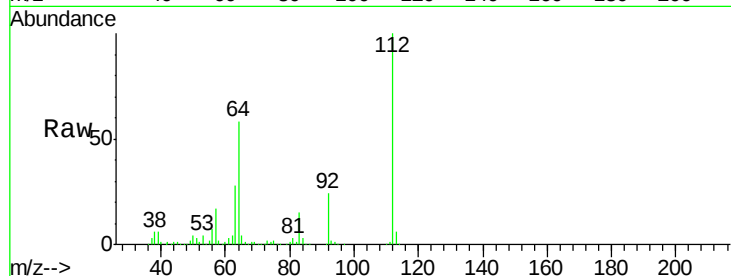
ClientSampleId :

PB80238BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		399200		
64	57.5	45.8	68.6		
63	27.7	22.7	34.1		

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#6

Aniline

Concen: 27.45 ng

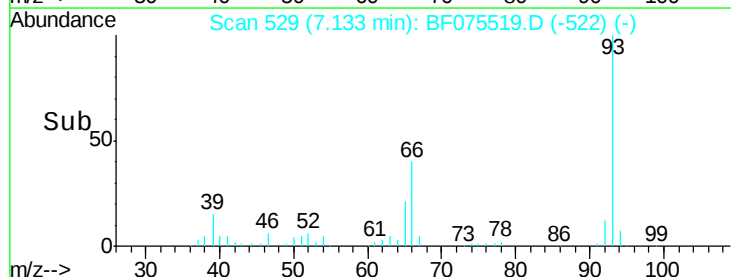
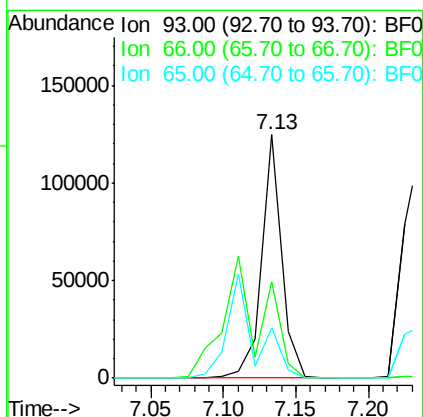
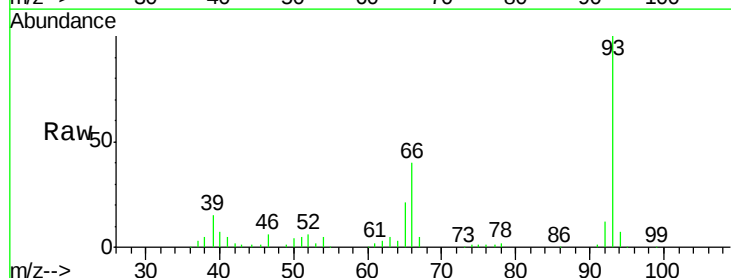
RT: 7.13 min Scan# 529

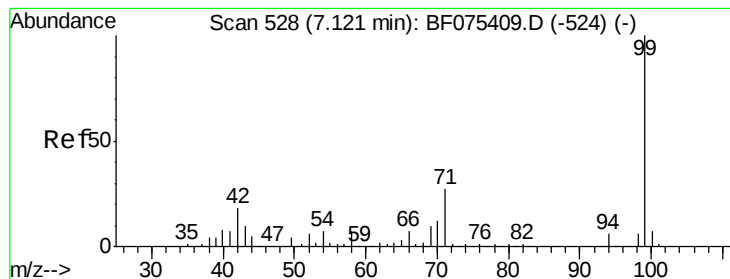
Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		119630		
66	39.8	31.8	47.8		
65	20.6	16.6	25.0		





#7

Phenol-d6

Concen: 159.98 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

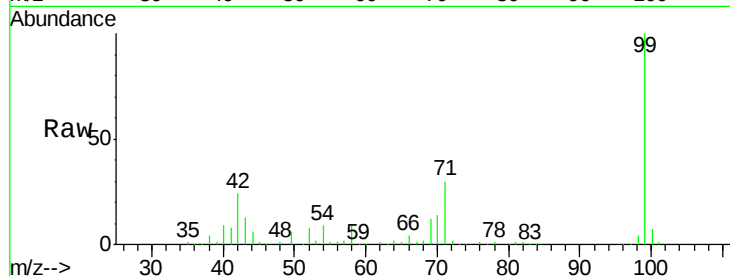
ClientSampleId :

PB80238BS

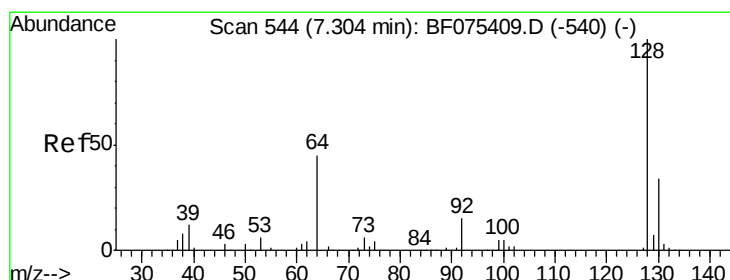
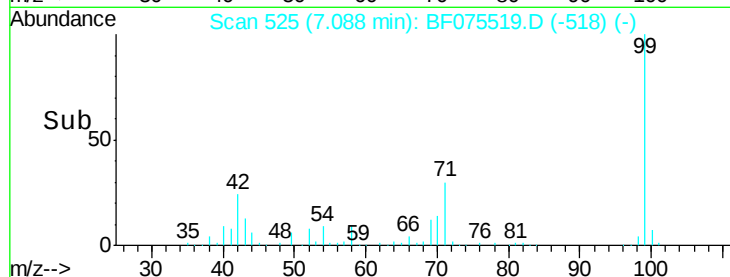
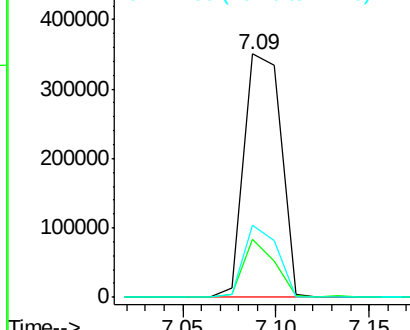
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		482776		
42	23.6	19.8	29.6		
71	29.6	25.5	38.3		

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



#8

2-Chlorophenol

Concen: 44.73 ng

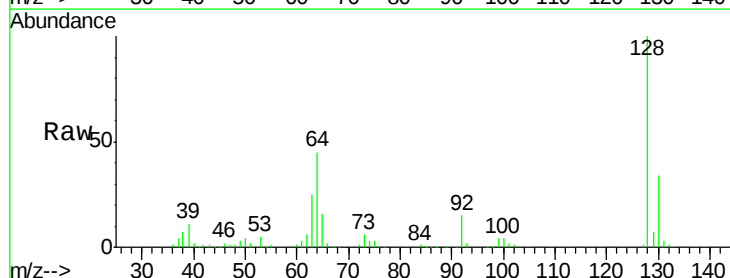
RT: 7.28 min Scan# 542

Delta R.T. -0.02 min

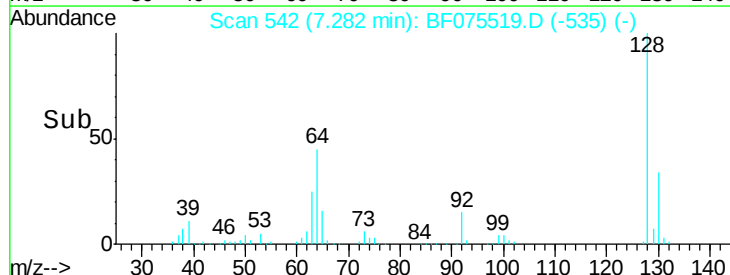
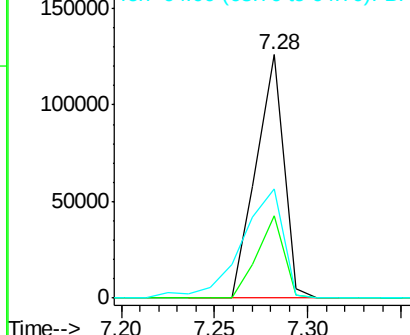
Lab File: BF075519.D

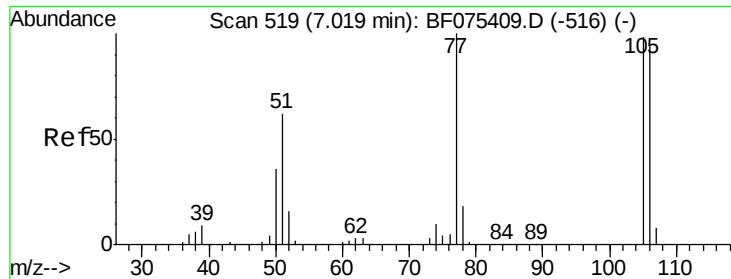
Acq: 15 Nov 2014 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		129911		
130	33.7	12.7	52.7		
64	44.7	20.3	60.3		



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





#9

Benzaldehyde

Concen: 2.17 ng

RT: 7.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

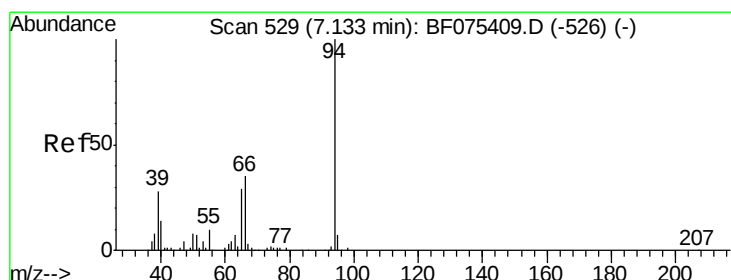
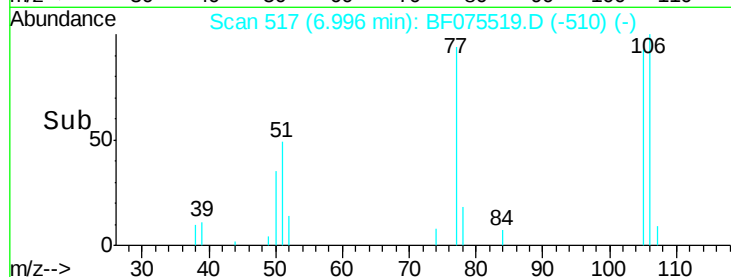
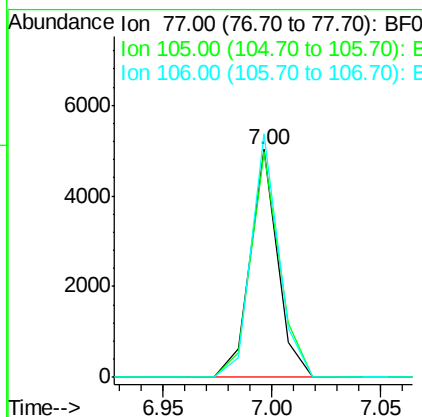
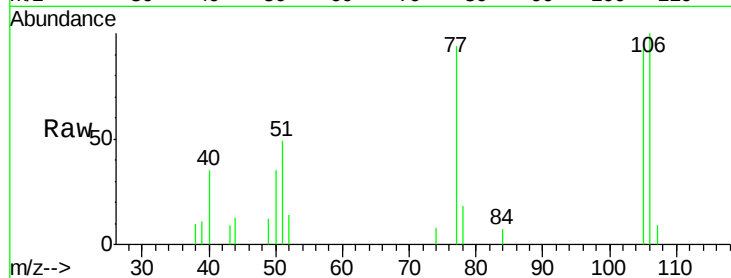
ClientSampleId :

PB80238BS

Tot Ion:	77	Resp:	4407
Ion	Ratio	Lower	Upper
77	100		
105	99.1	81.6	121.6
106	106.7	77.5	117.5

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#10

Phenol

Concen: 48.27 ng

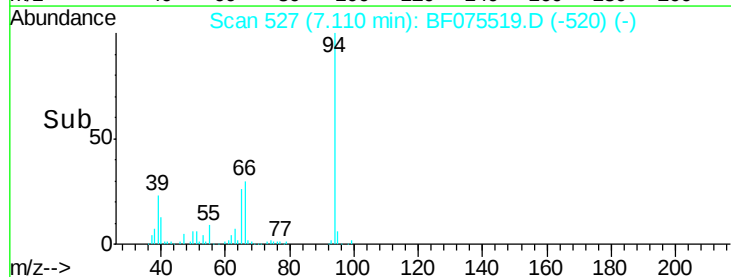
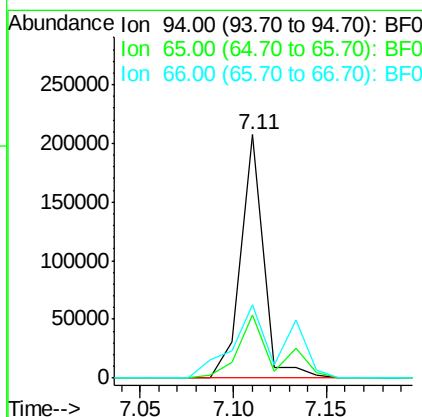
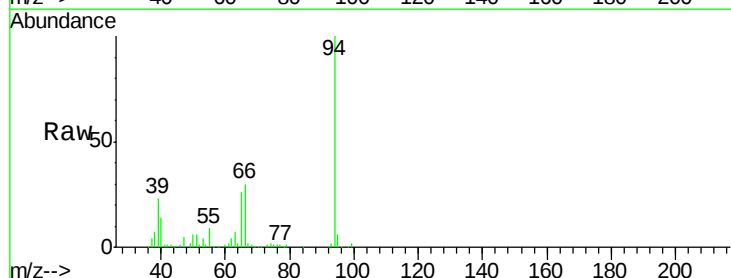
RT: 7.11 min Scan# 527

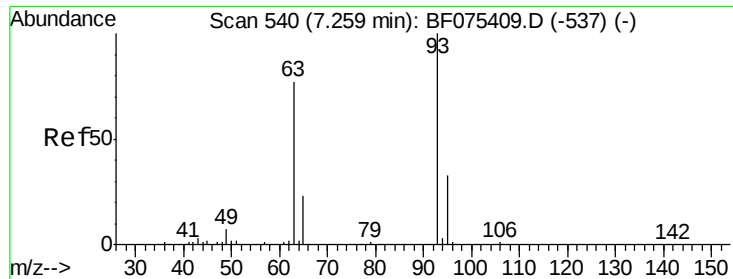
Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Tgt Ion:	94	Resp:	177705
Ion	Ratio	Lower	Upper
94	100		
65	25.8	13.1	53.1
66	30.3	20.8	60.8





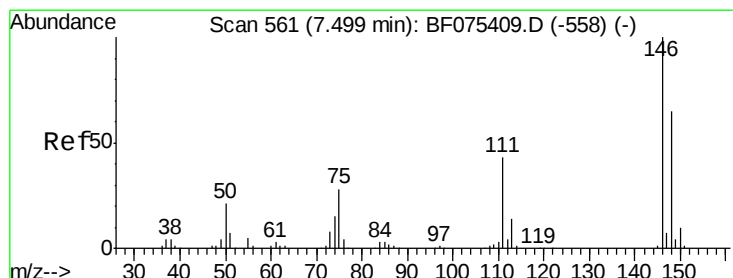
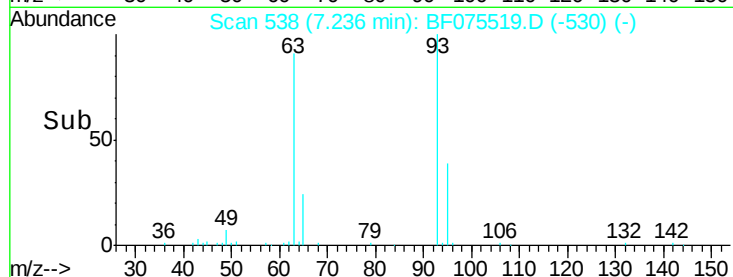
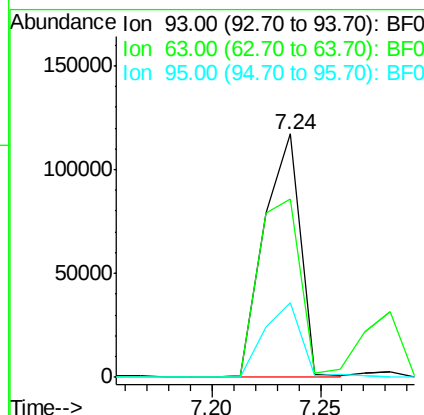
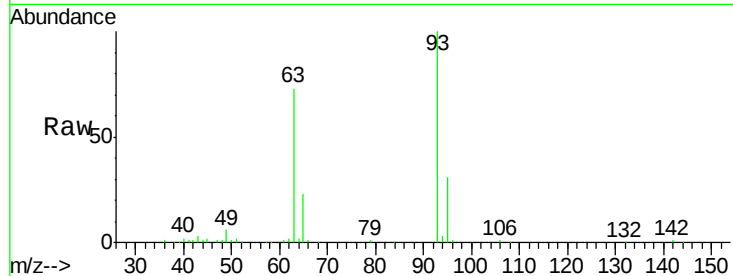
#11
bis(2-Chloroethyl)ether
Concen: 49.14 ng
RT: 7.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	79.8	119.8#
95	30.9	11.2	51.2

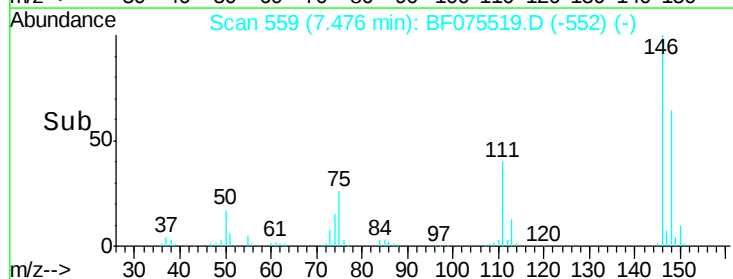
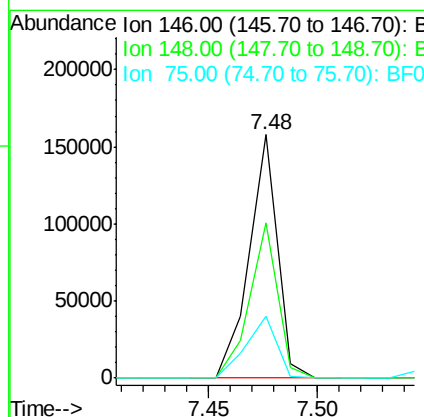
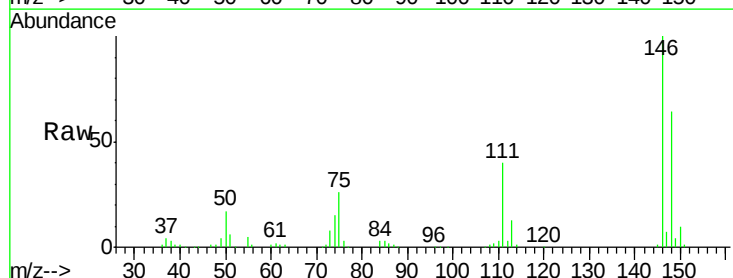
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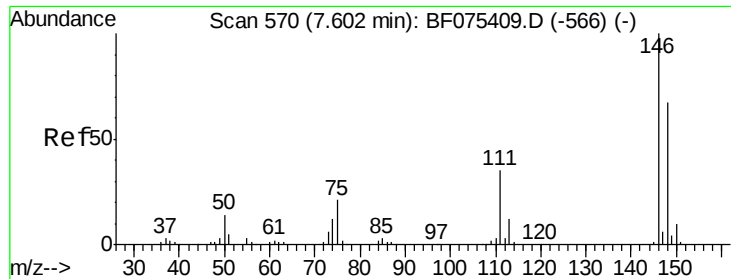
mohammad
11/17/2014 7:35:21 PM



#12
1,3-Dichlorobenzene
Concen: 45.02 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.1	79.7
75	25.5	21.5	32.3





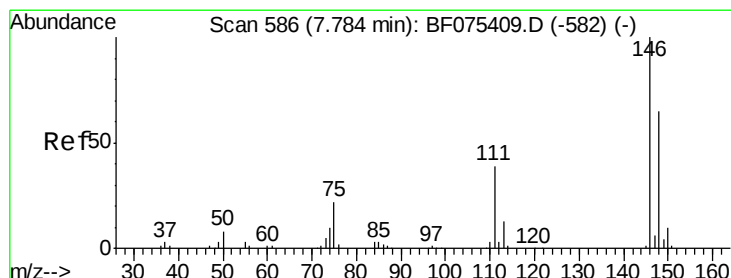
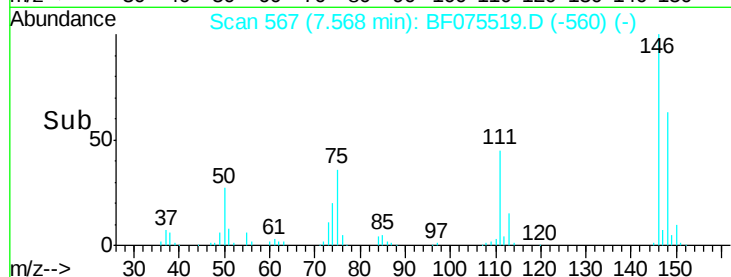
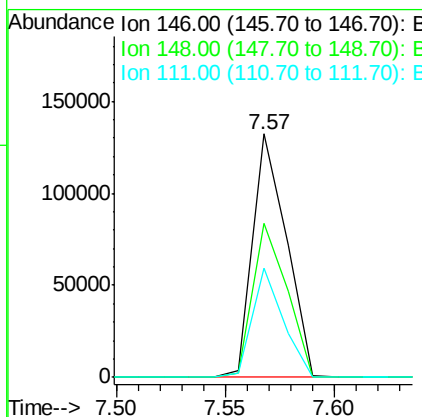
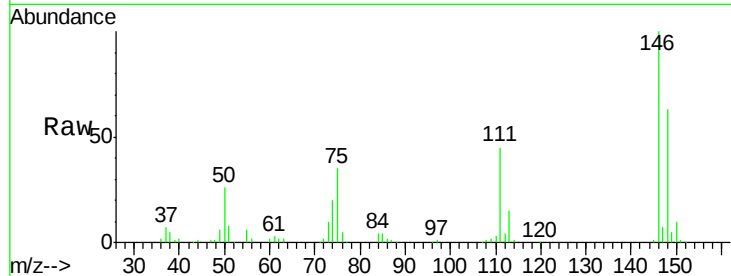
#13
1,4-Dichlorobenzene
Concen: 44.45 ng
RT: 7.57 min Scan# 567
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.9	74.9
111	44.8	35.8	53.6

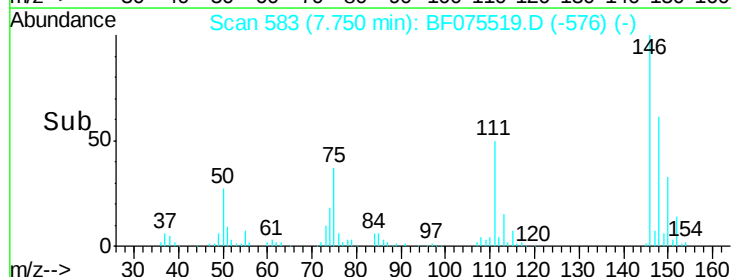
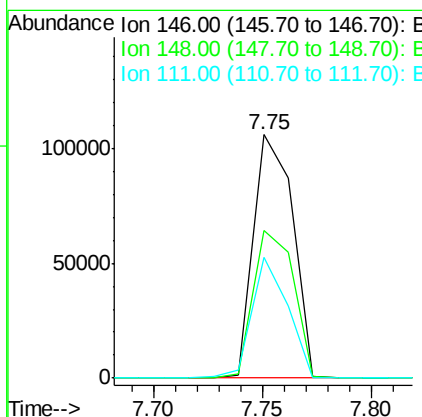
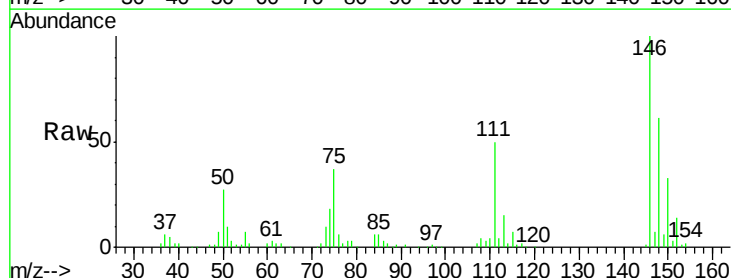
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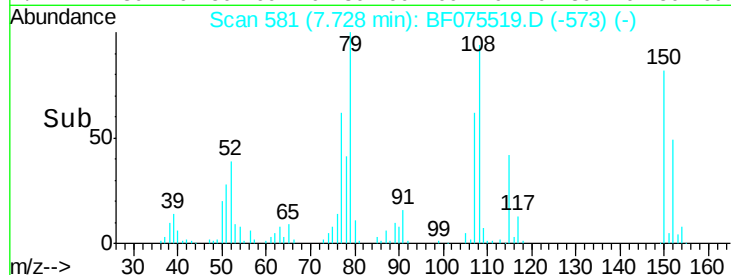
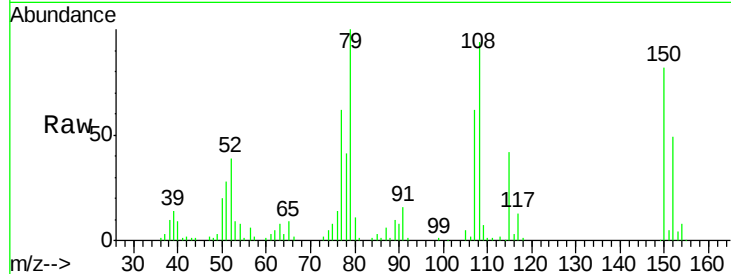
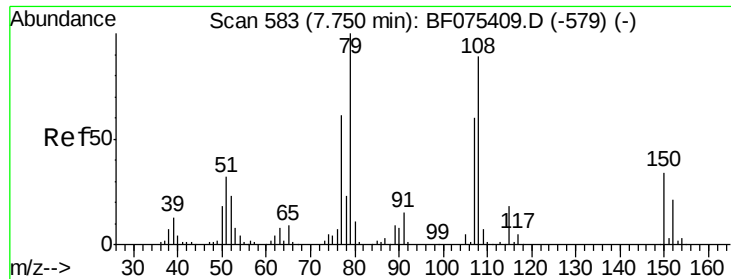
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.40 ng
RT: 7.75 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	50.7	76.1
111	49.8	39.9	59.9





#15

Benzyl Alcohol

Concen: 42.36 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Tot Ion:	79	Resp:	100350
Ion Ratio	Lower	Upper	
79	100		
108	93.6	75.5	113.3
77	61.6	52.1	78.1

Instrument :

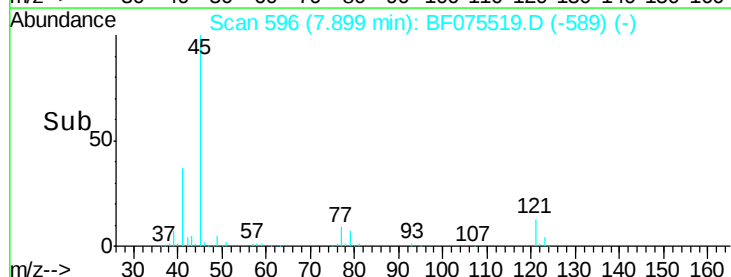
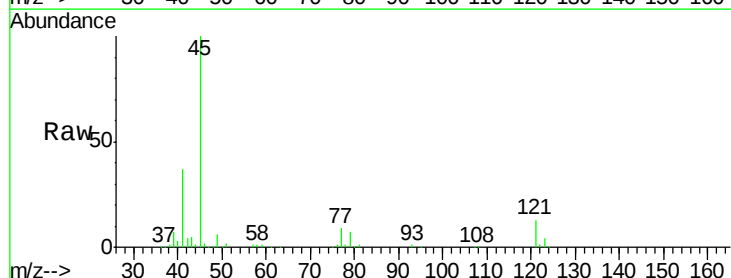
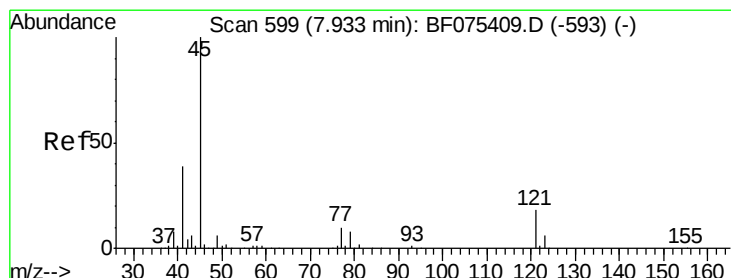
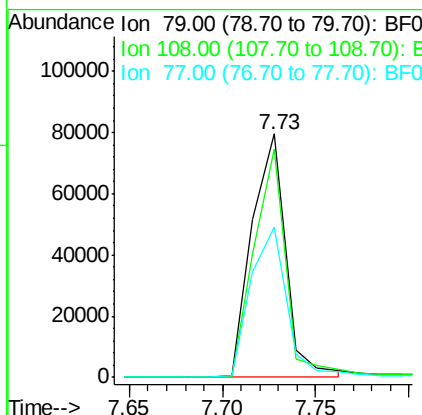
BNA_F

ClientSampled :

PB80238BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.33 ng

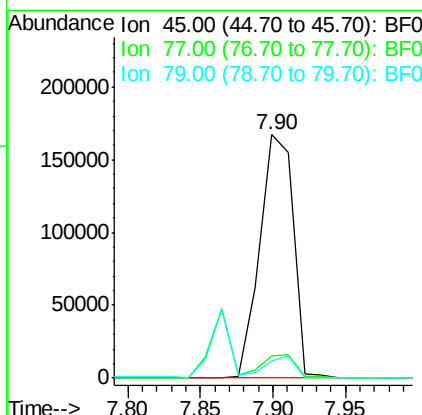
RT: 7.90 min Scan# 596

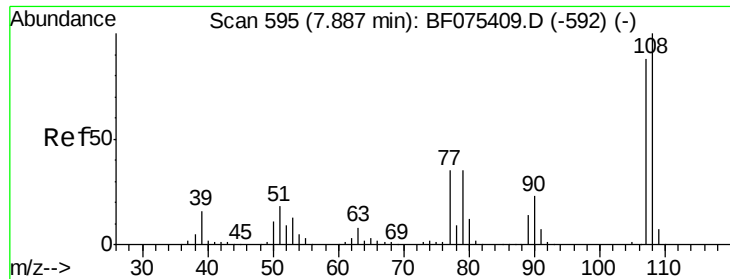
Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Tgt Ion:	45	Resp:	267404
Ion Ratio	Lower	Upper	
45	100		
77	9.3	0.0	28.6
79	7.2	0.0	26.5





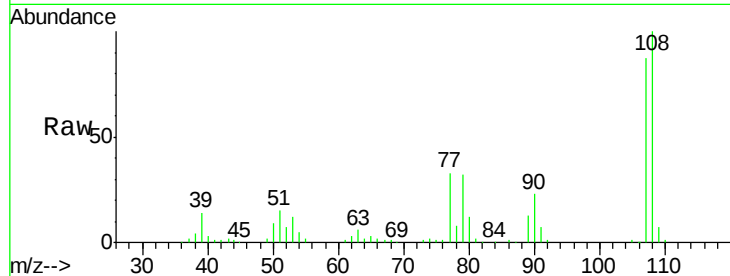
#17
2-Methylphenol
Concen: 47.02 ng
RT: 7.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

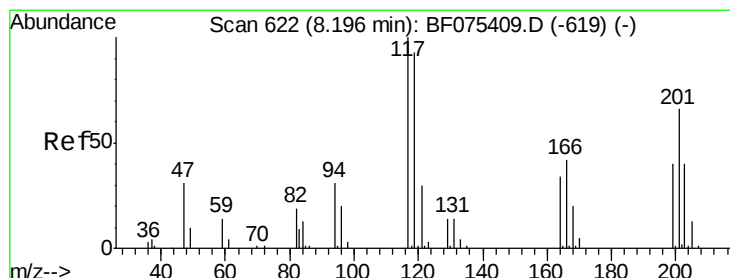
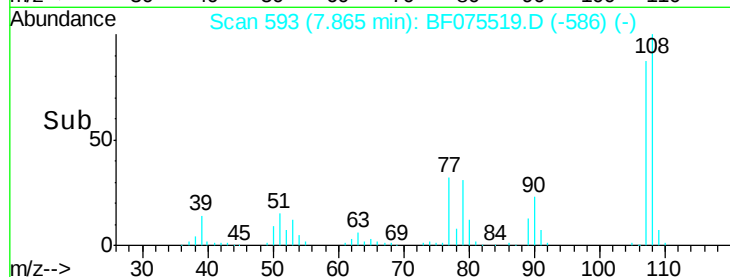
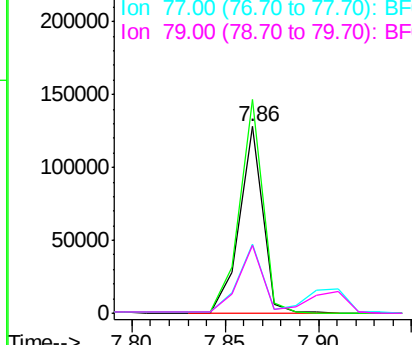
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	95.6	143.4	
77	37.3	30.2	45.4	
79	36.7	31.3	46.9	

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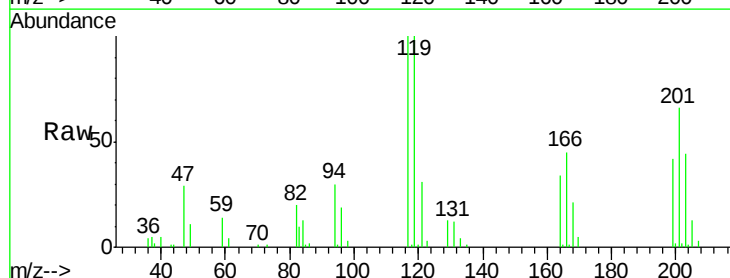


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

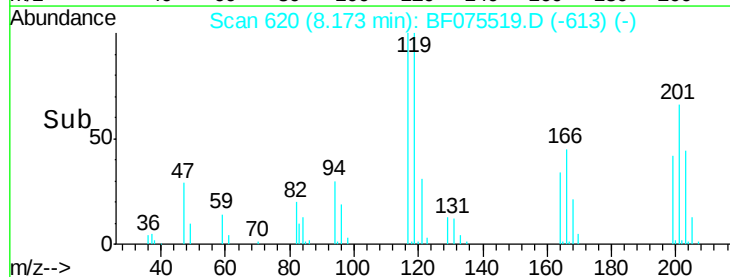
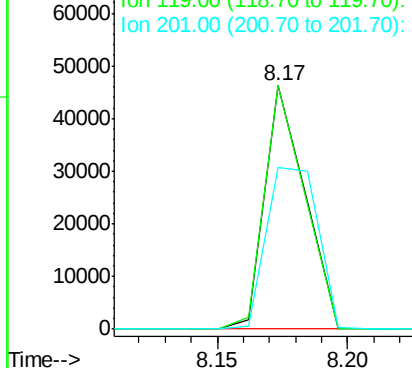


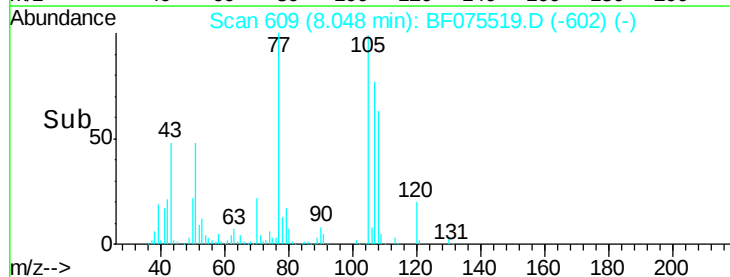
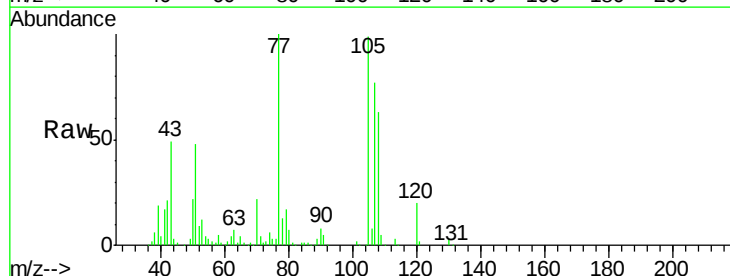
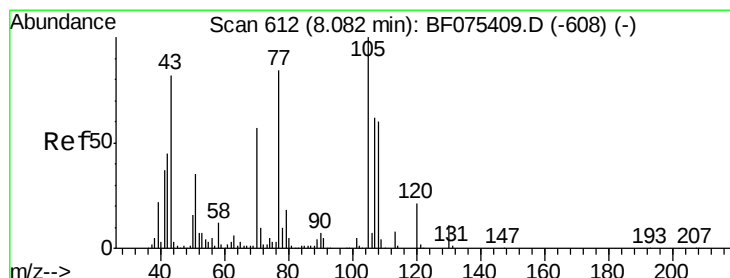
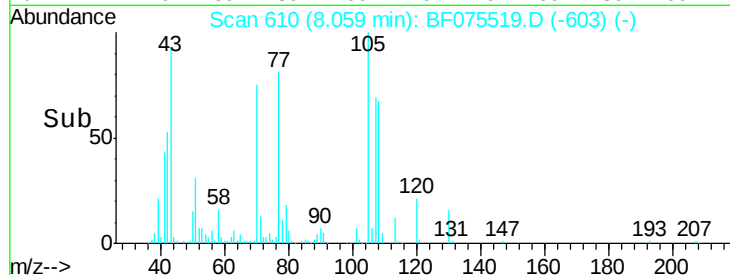
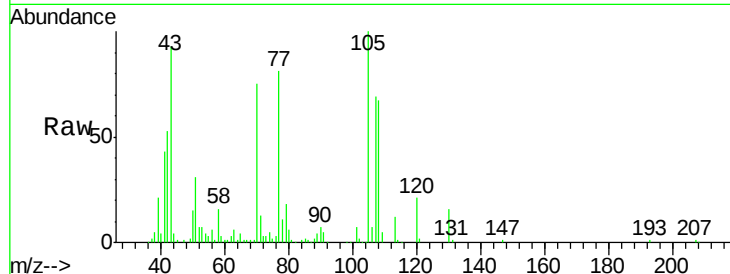
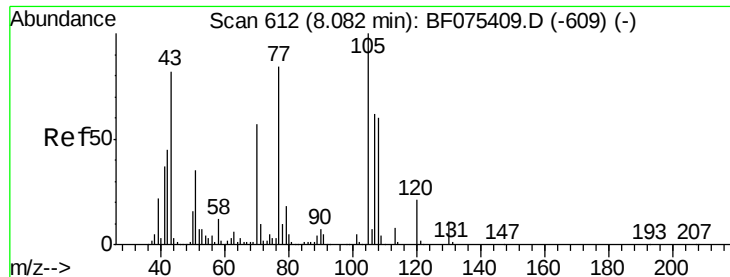
#18
Hexachloroethane
Concen: 44.90 ng
RT: 8.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.0	72.9	109.3	
201	66.2	48.2	72.4	



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





#19

n-Nitroso-di-n-propylamine

Concen: 46.26 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

Tot Ion: 70 Resp: 95116

Ion Ratio Lower Upper

70 100

42 71.0 63.0 94.6

101 9.6 7.5 11.3

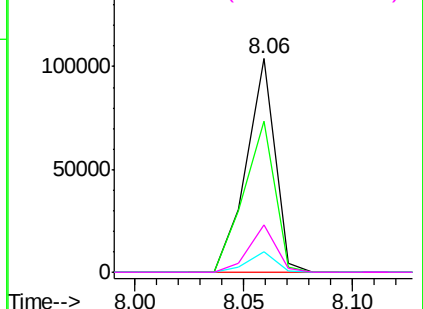
130 22.0 16.3 24.5

Abundance Ion 70.00 (69.70 to 70.70): BF075519.D (-603) (-)

Ion 42.00 (41.70 to 42.70): BF075519.D (-603) (-)

Ion 101.00 (100.70 to 101.70): BF075519.D (-603) (-)

Ion 130.00 (129.70 to 130.70): BF075519.D (-603) (-)



#20

3+4-Methylphenols

Concen: 45.65 ng

RT: 8.05 min Scan# 609

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Tgt Ion: 107 Resp: 143733

Ion Ratio Lower Upper

107 100

108 82.1 69.6 109.6

77 129.8 84.4 124.4#

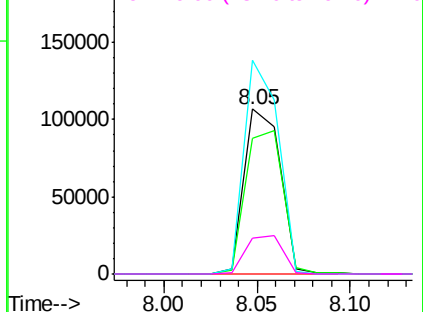
79 21.8 5.5 45.5

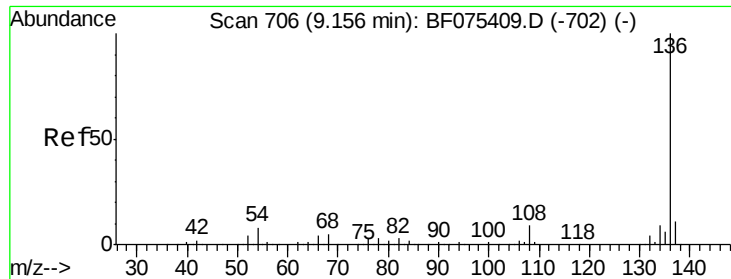
Abundance Ion 107.00 (106.70 to 107.70): BF075519.D (-602) (-)

Ion 108.00 (107.70 to 108.70): BF075519.D (-602) (-)

Ion 77.00 (76.70 to 77.70): BF075519.D (-602) (-)

Ion 79.00 (78.70 to 79.70): BF075519.D (-602) (-)





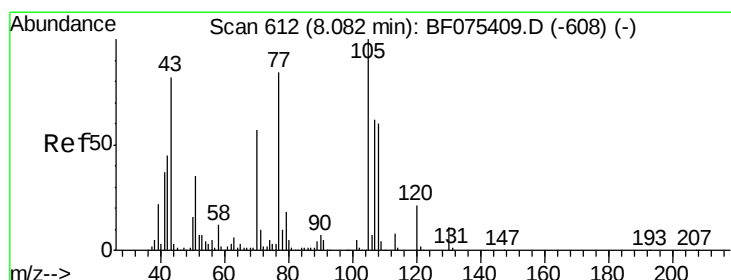
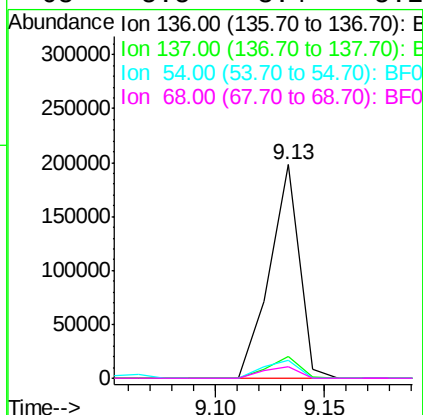
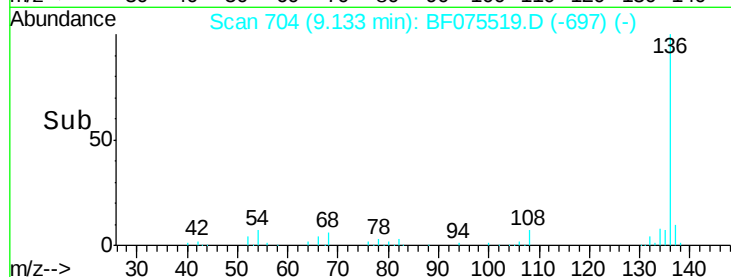
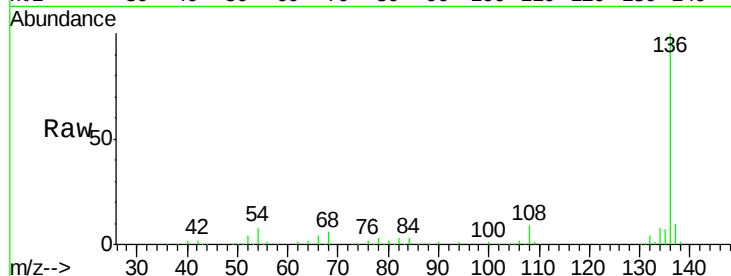
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.4		8.2	12.4	
54	8.4		6.2	9.4	
68	5.5		3.4	5.2#	

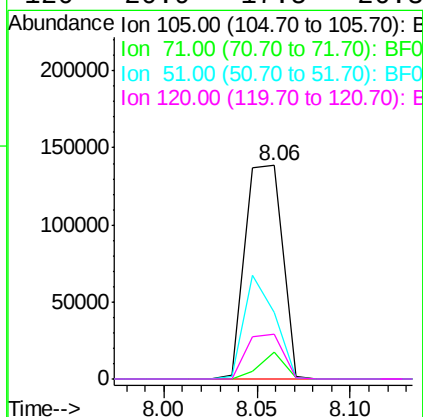
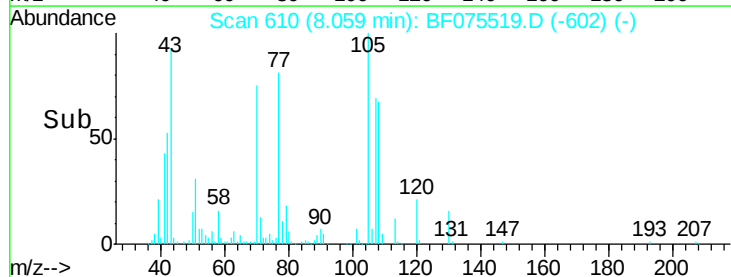
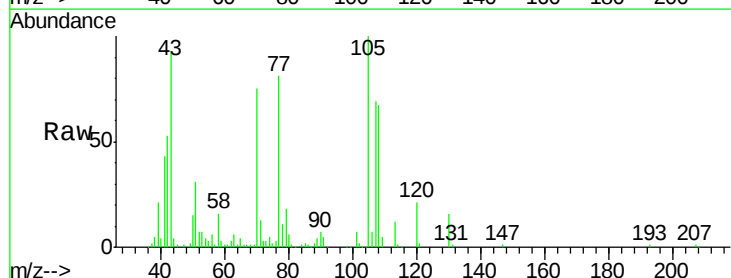
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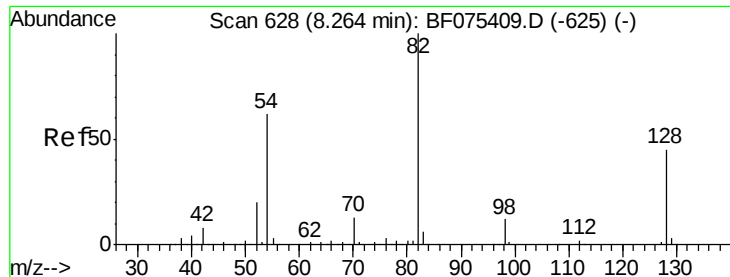
mohammad
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#22
Acetophenone
Concen: 46.62 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	12.5		10.5	15.7	
51	31.4		24.2	36.2	
120	20.9		17.5	26.3	





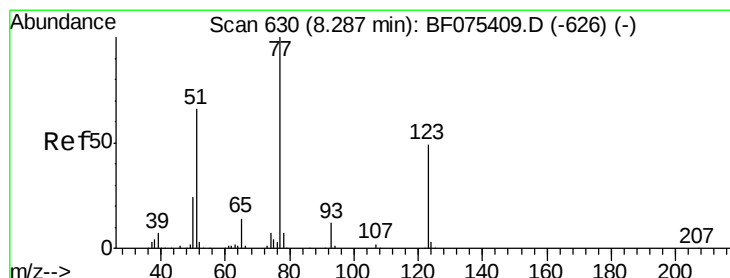
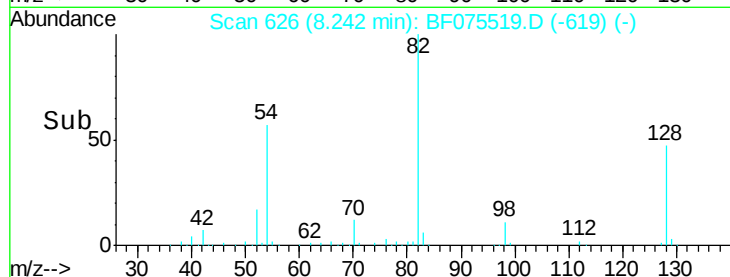
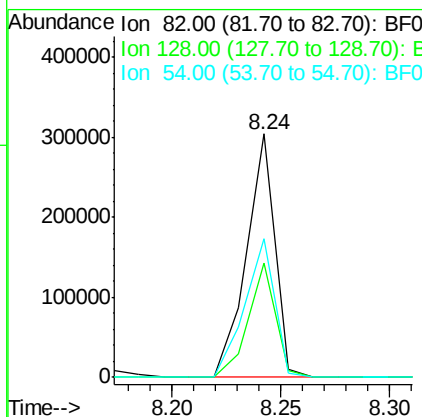
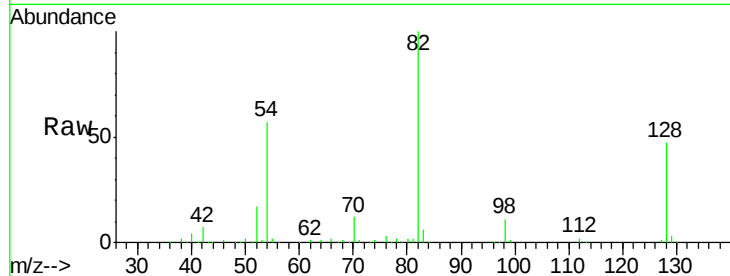
#23
 Nitrobenzene-d5
 Concen: 106.28 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	276664		
128	47.2		37.8	56.6
54	57.0		49.8	74.8

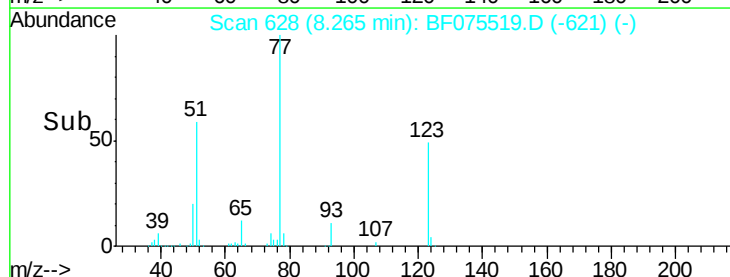
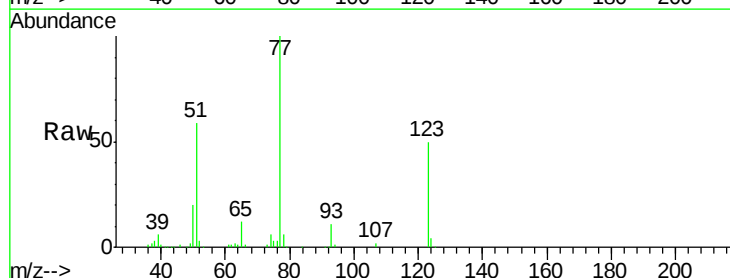
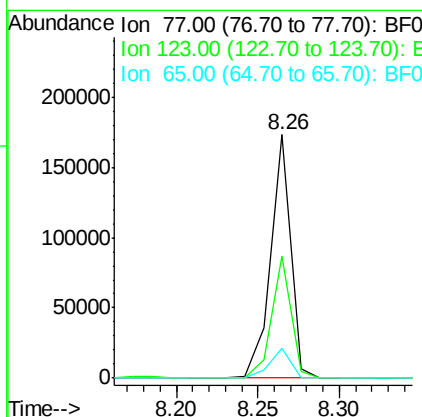
Manual Integrations
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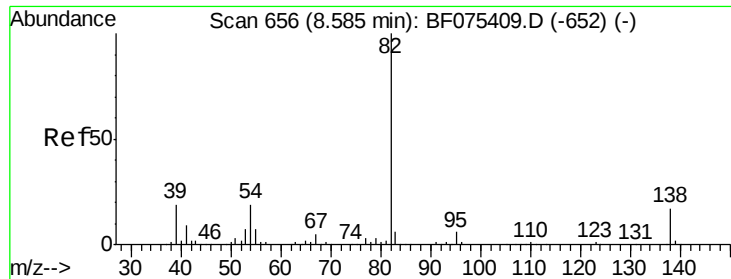
mohammad
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#24
 Nitrobenzene
 Concen: 49.27 ng
 RT: 8.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	148653		
123	49.9		39.0	58.4
65	12.2		10.6	15.8





#25

Isophorone

Concen: 44.76 ng

RT: 8.56 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

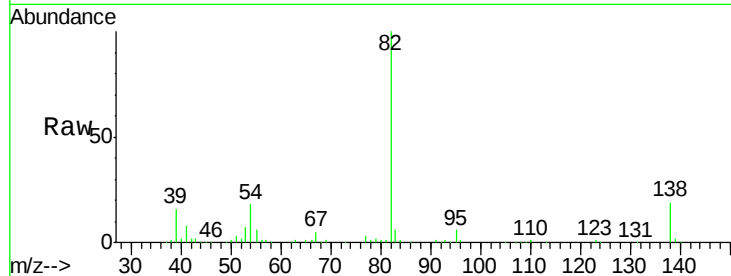
ClientSampleId :

PB80238BS

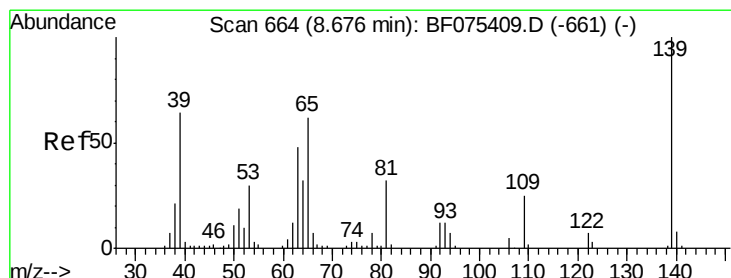
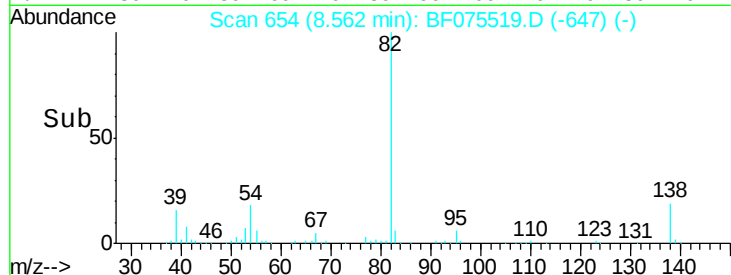
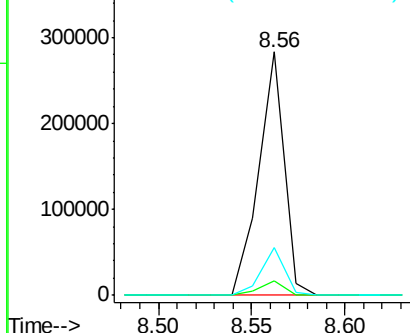
Tot Ion:	82	Resp:	266017
Ion Ratio		Lower	Upper
82	100		
95	5.7	5.2	7.8
138	19.4	15.0	22.6

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



#26

2-Nitrophenol

Concen: 45.76 ng

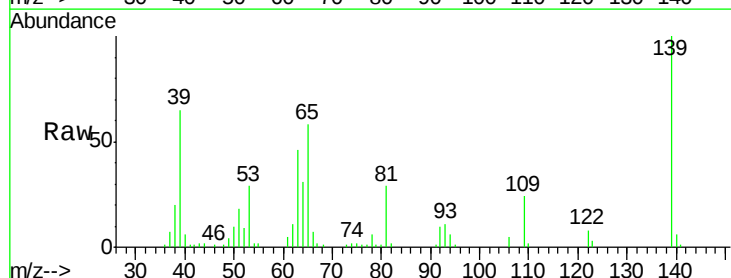
RT: 8.65 min Scan# 662

Delta R.T. -0.02 min

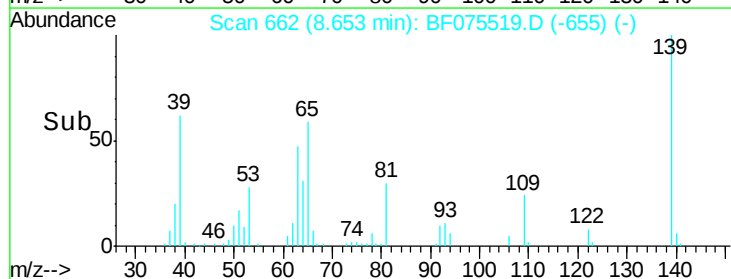
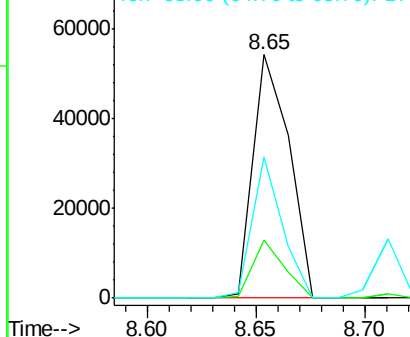
Lab File: BF075519.D

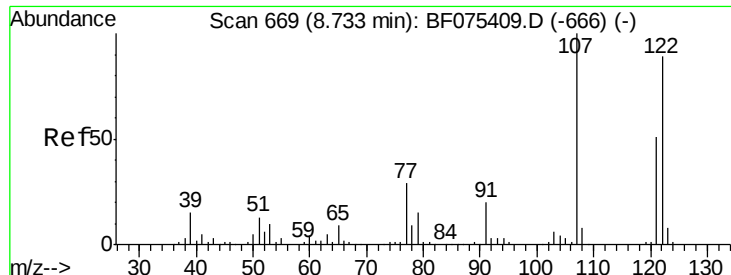
Acq: 15 Nov 2014 3:09

Tgt Ion:	139	Resp:	62903
Ion Ratio		Lower	Upper
139	100		
109	24.1	22.3	33.5
65	58.3	49.1	73.7



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





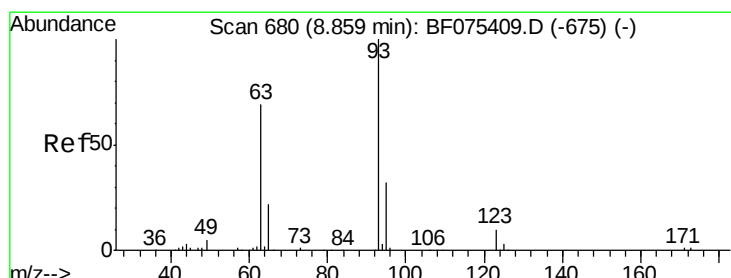
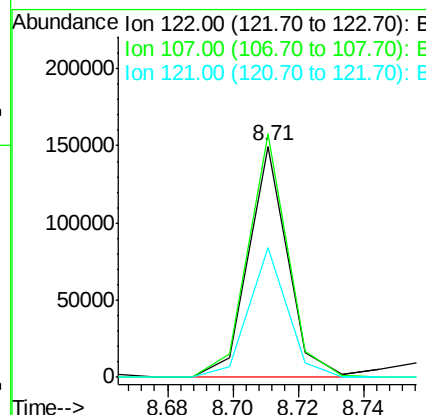
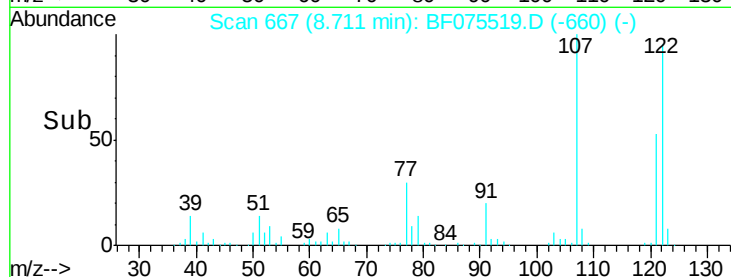
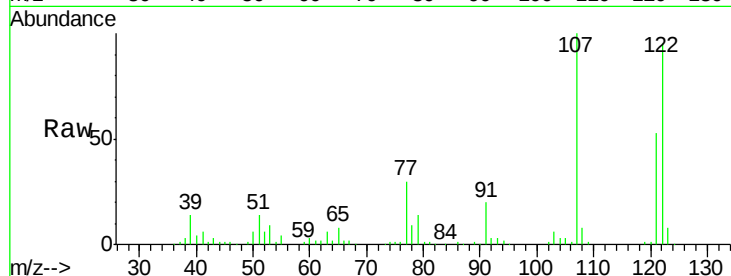
#27
2,4-Dimethylphenol
Concen: 46.23 ng
RT: 8.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	105.3	86.5	123164	129.7	
121	56.0	45.4	68.2		

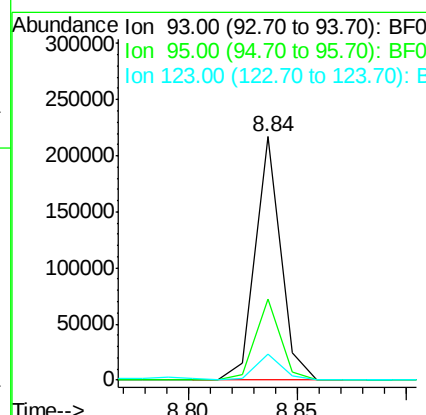
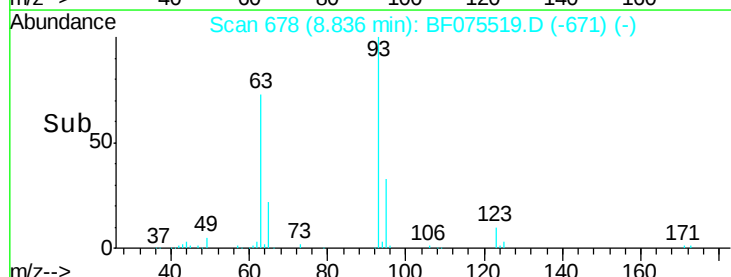
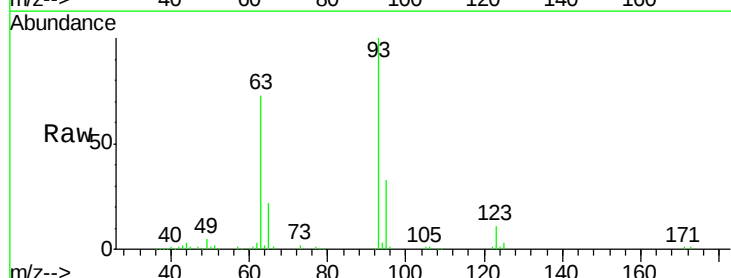
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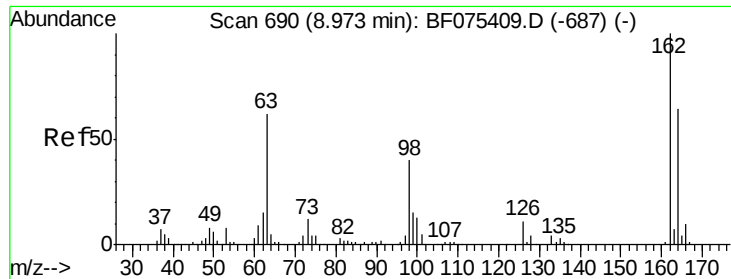
mohammad
11/17/2014 7:35:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.55 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.2	26.2	175863	39.4	
123	10.7	8.8	13.2		





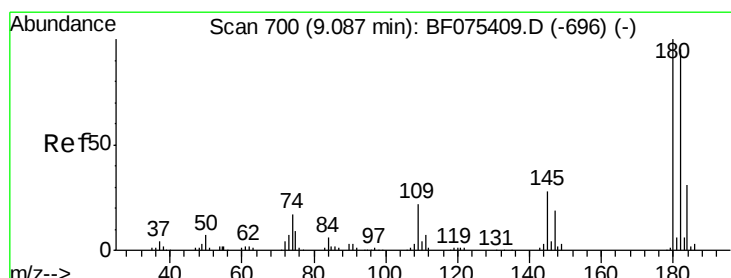
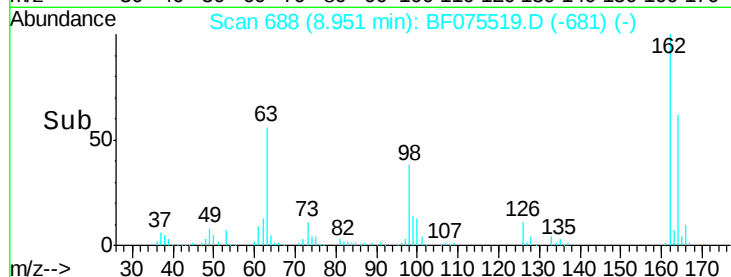
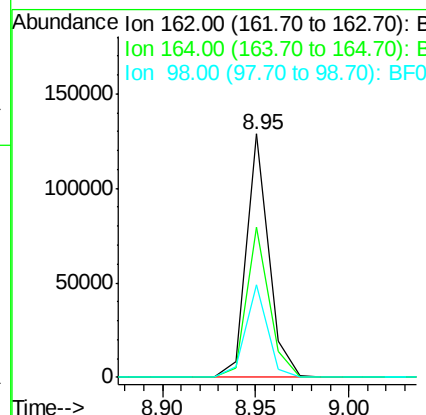
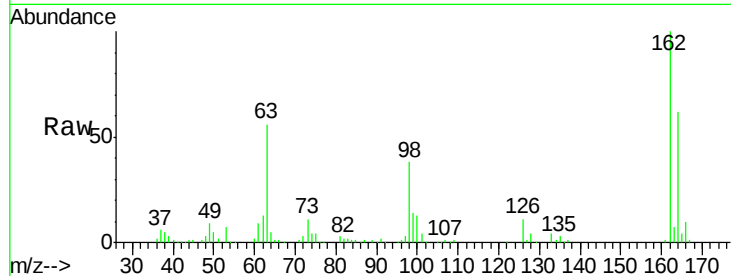
#29
 2,4-Dichlorophenol
 Concen: 46.42 ng
 RT: 8.95 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.5	43.8	83.8
98	38.3	14.6	54.6

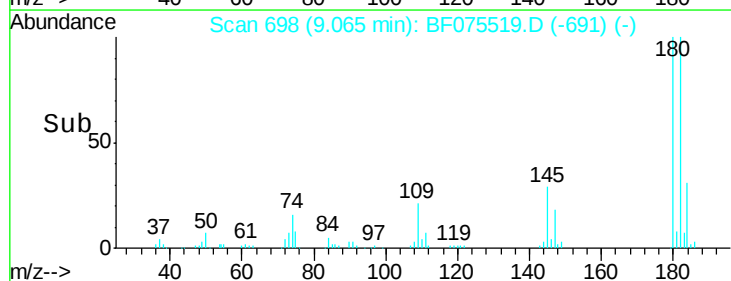
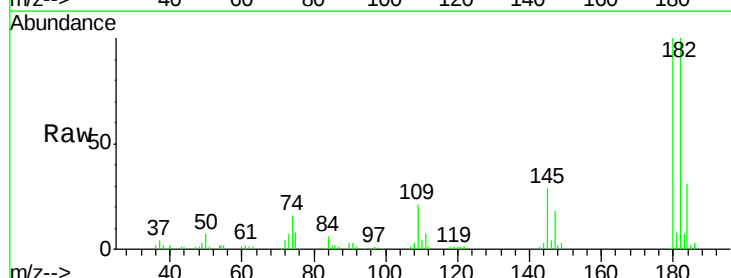
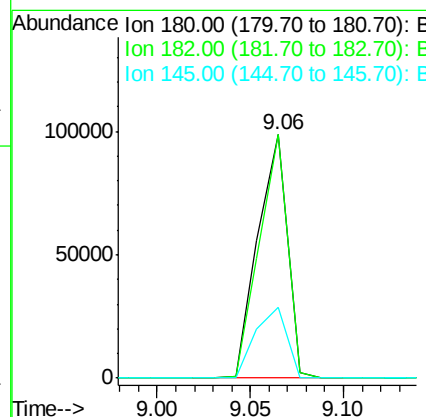
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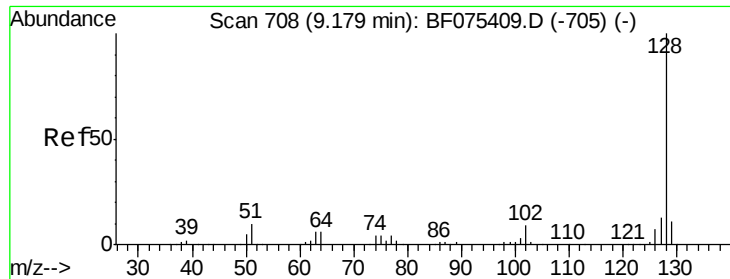
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.89 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	99.8	78.4	117.6
145	28.9	22.3	33.5





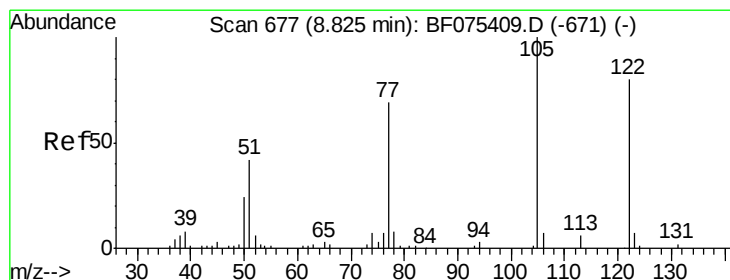
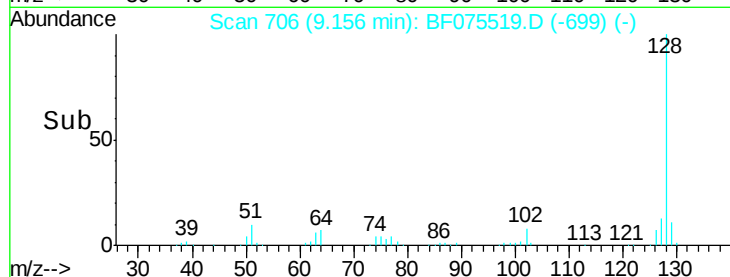
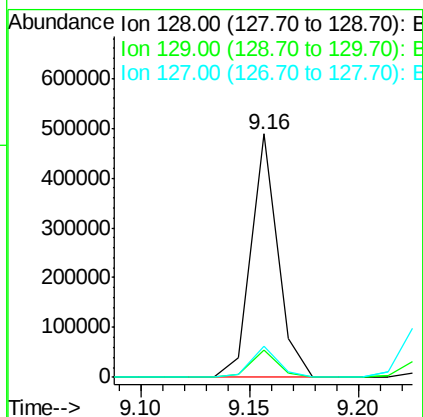
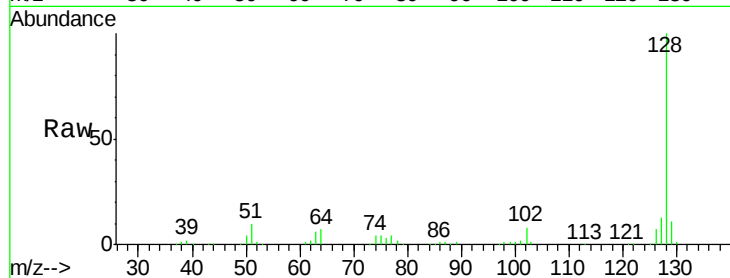
#31
Naphthalene
Concen: 48.75 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.0	13.4	
127	12.5	10.2	15.4	

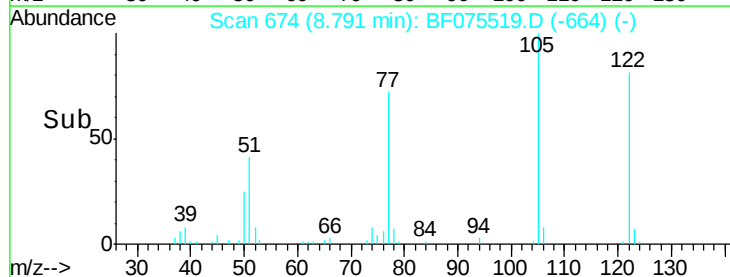
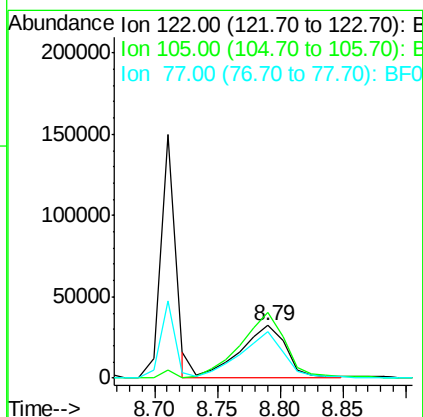
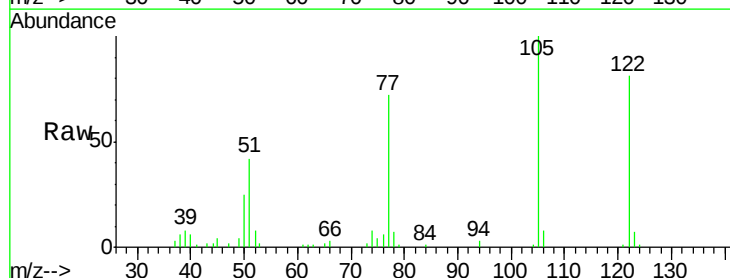
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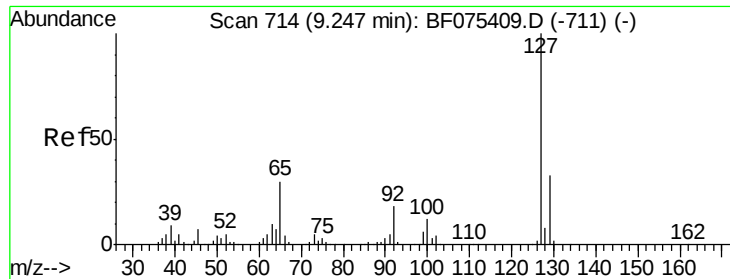
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#32
Benzoic acid
Concen: 52.06 ng m
RT: 8.79 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.9	95.1	135.1	
77	89.1	62.6	102.6	





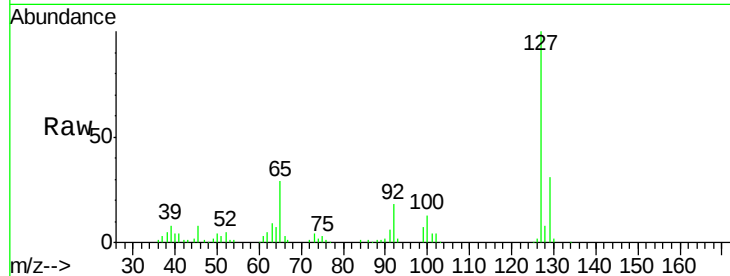
#33
4-Chloroaniline
Concen: 22.32 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

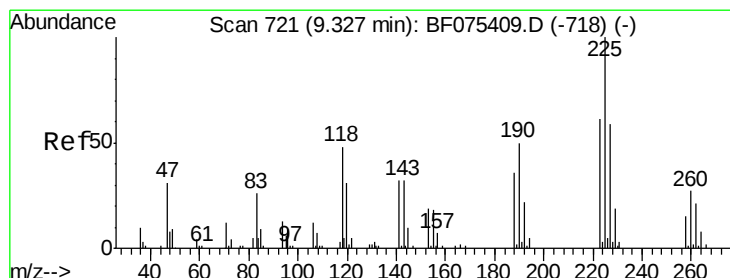
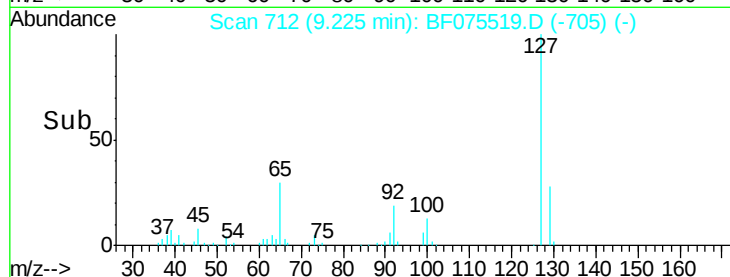
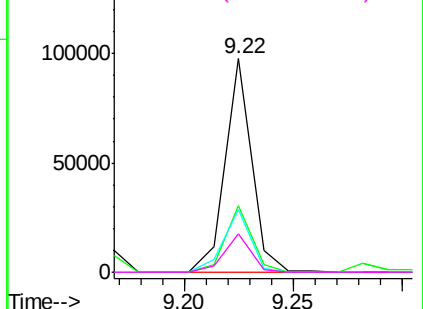
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	25.5	38.3		
65	29.1	22.8	34.2		
92	17.7	13.8	20.6		

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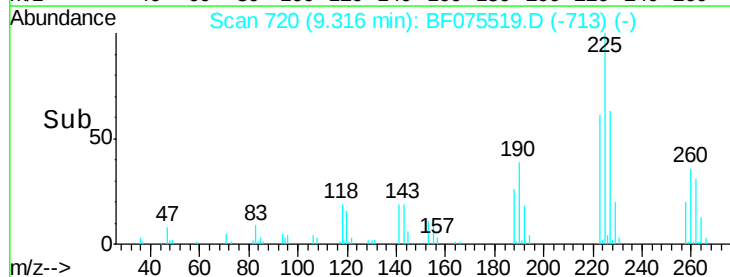
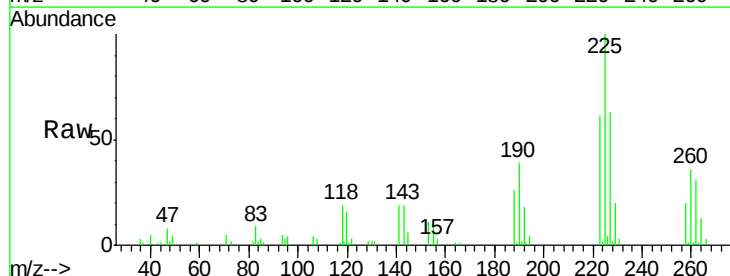
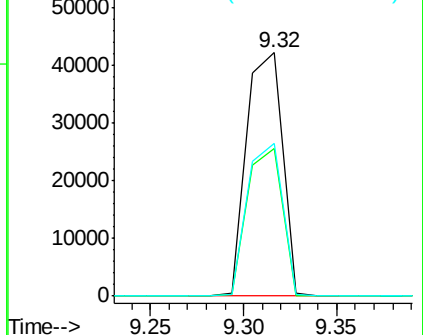
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

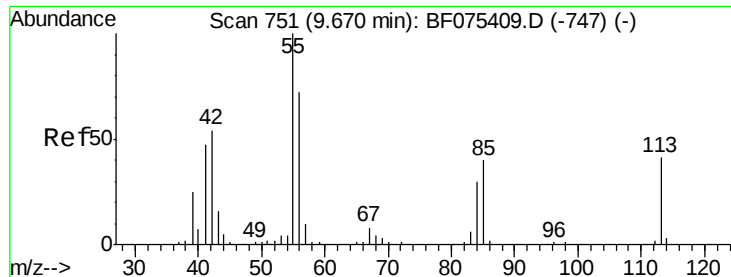


#34
Hexachlorobutadiene
Concen: 42.56 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.6	51.0	76.6		
227	63.0	48.6	73.0		

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





#35

Caprolactam

Concen: 44.86 ng

RT: 9.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

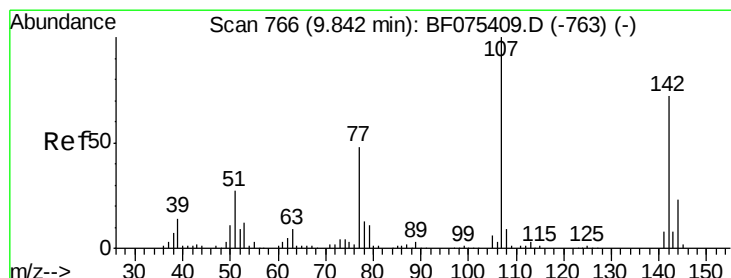
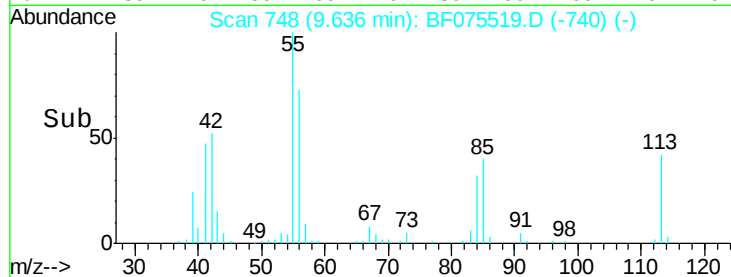
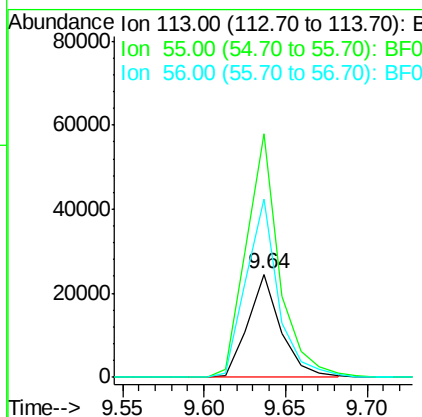
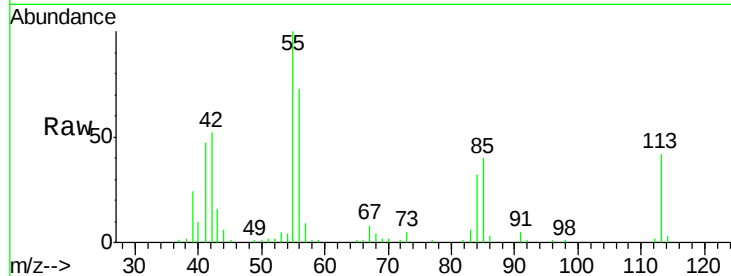
ClientSampleId :

PB80238BS

Tot Ion:	113	Resp:	34702
Ion Ratio	Lower	Upper	
113	100		
55	236.1	226.9	266.9
56	172.3	148.4	188.4

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#36

4-Chloro-3-methylphenol

Concen: 43.39 ng

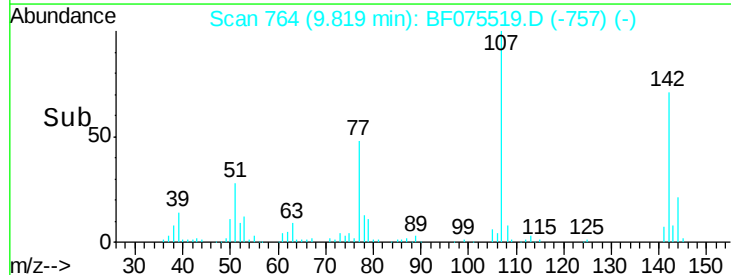
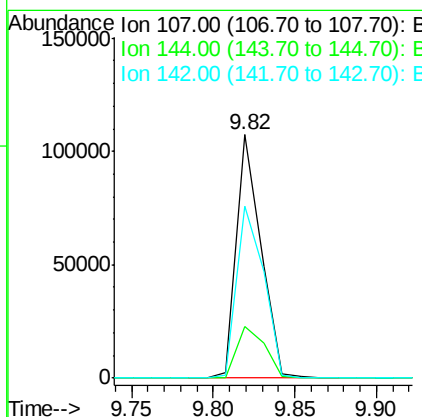
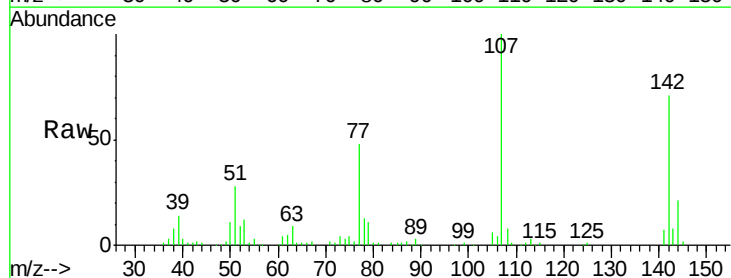
RT: 9.82 min Scan# 764

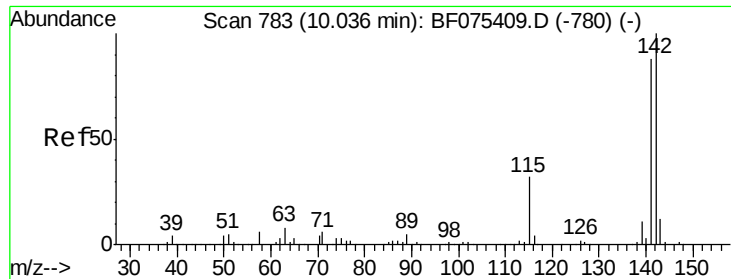
Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Tgt Ion:	107	Resp:	111111
Ion Ratio	Lower	Upper	
107	100		
144	21.0	19.1	28.7
142	70.8	62.9	94.3





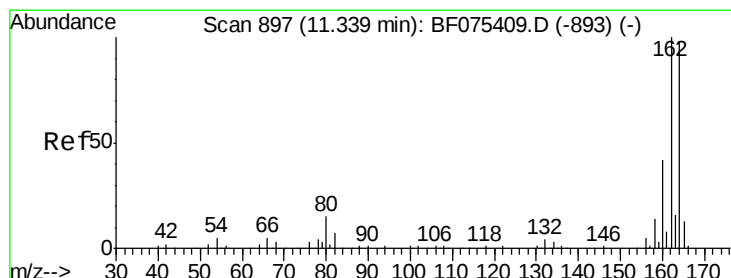
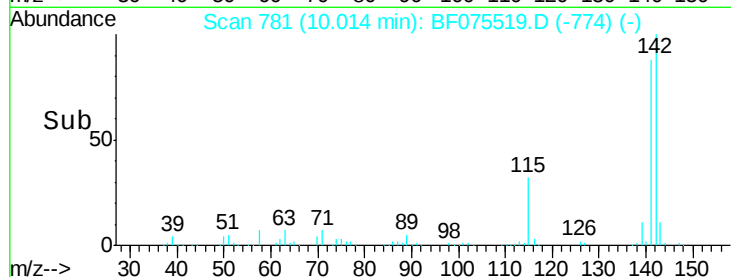
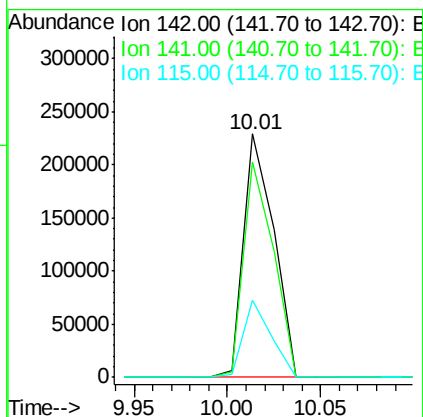
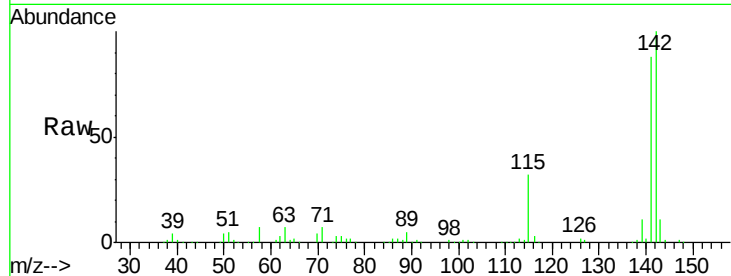
#37
2-Methylnaphthalene
Concen: 44.41 ng
RT: 10.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.9	104.9
115	31.8	27.6	41.4

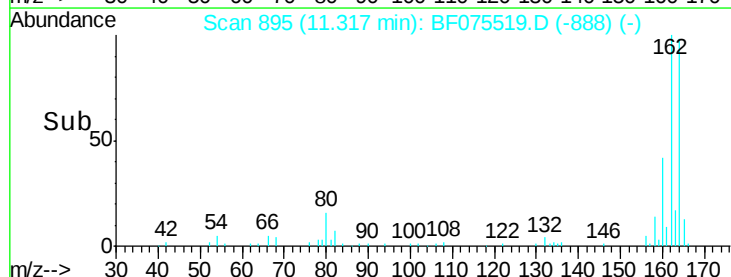
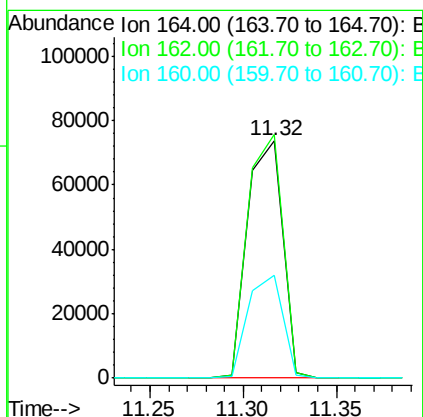
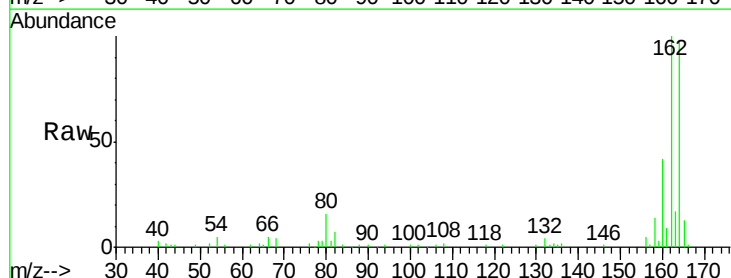
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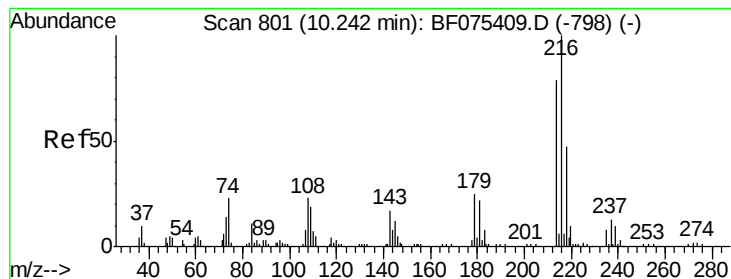
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.1	118.7
160	43.2	34.6	51.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.08 ng

RT: 10.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

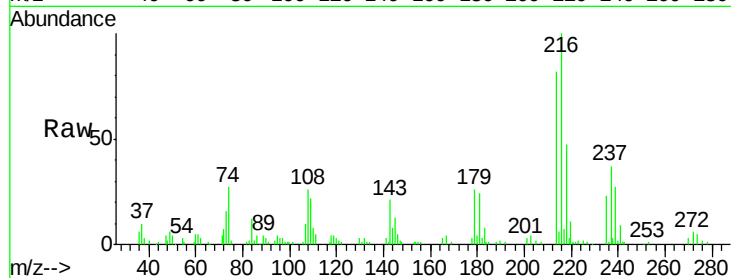
ClientSampleId :

PB80238BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		95300		
214	78.0		62.8	94.2	
179	22.9		18.7	28.1	
108	25.4		18.1	27.1	

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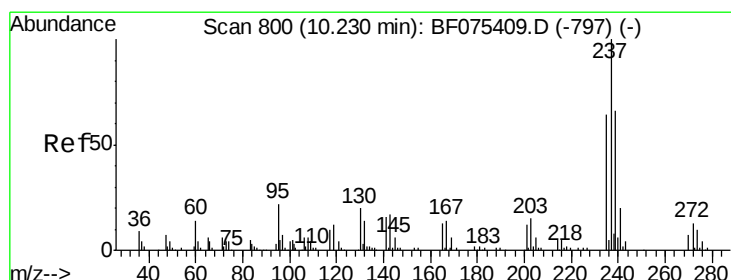
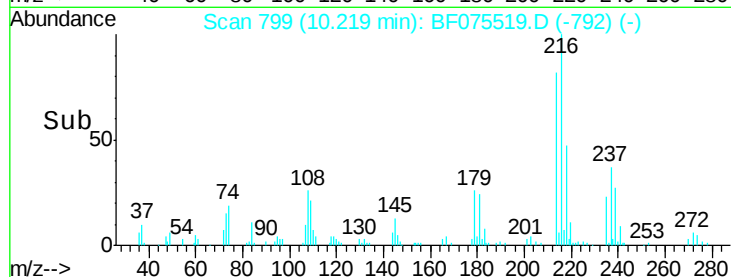
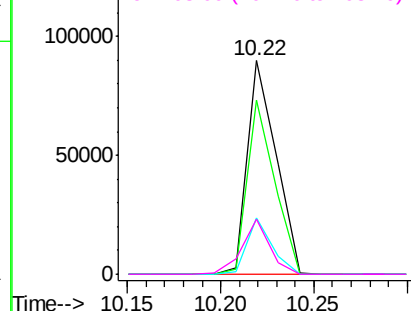


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 101.11 ng

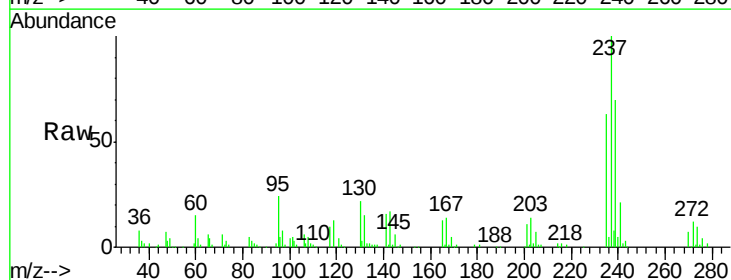
RT: 10.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

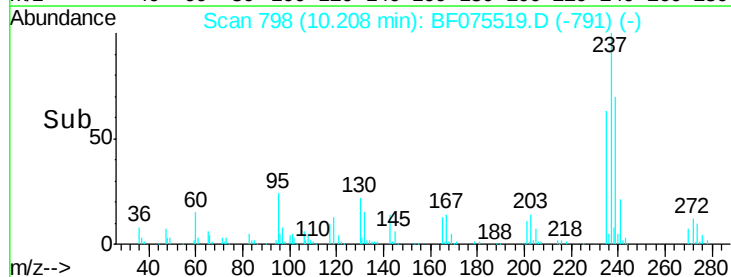
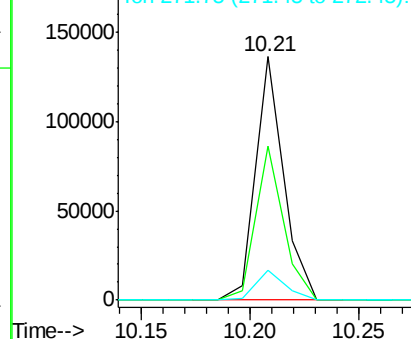
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		121748		
235	63.1		45.7	85.7	
272	12.5		0.0	32.6	

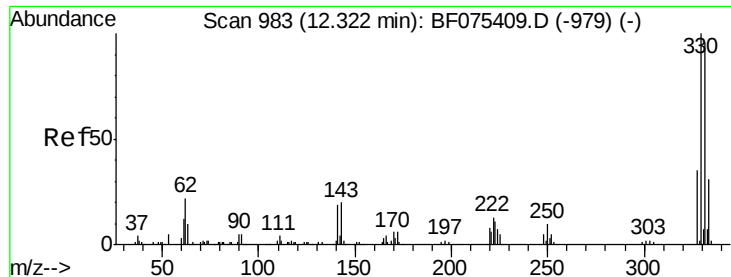


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





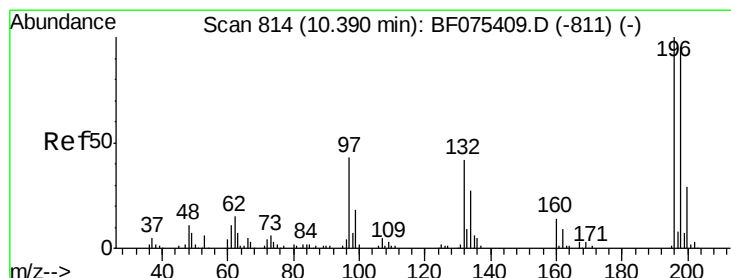
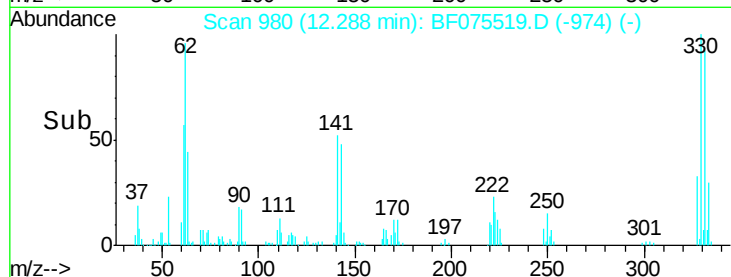
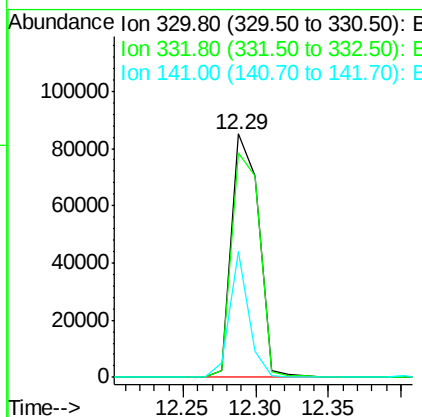
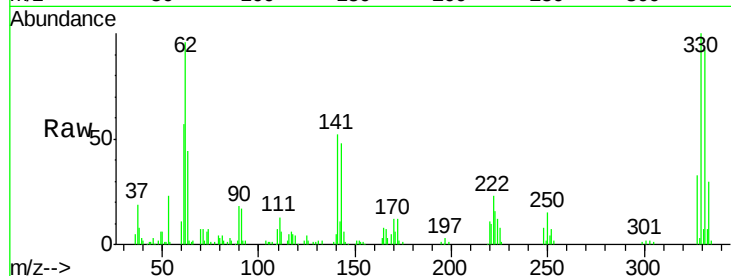
#41
 2,4,6-Tribromophenol
 Concen: 137.69 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	74.5	111.7	
141	36.3	30.7	46.1	

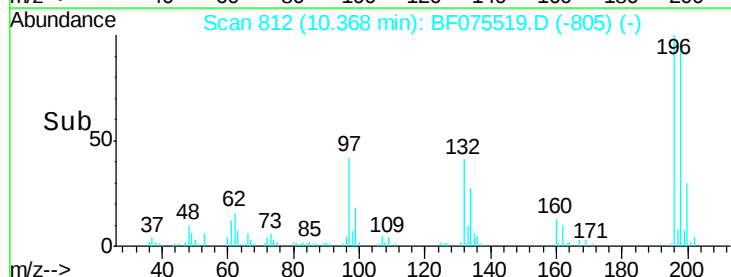
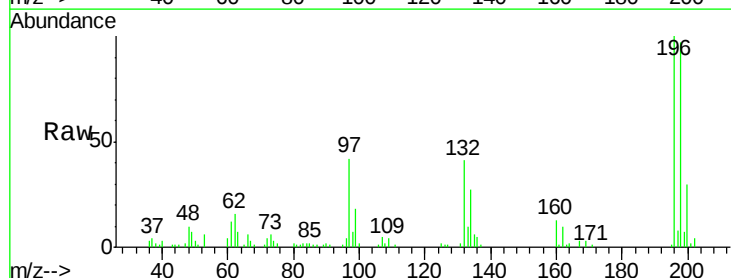
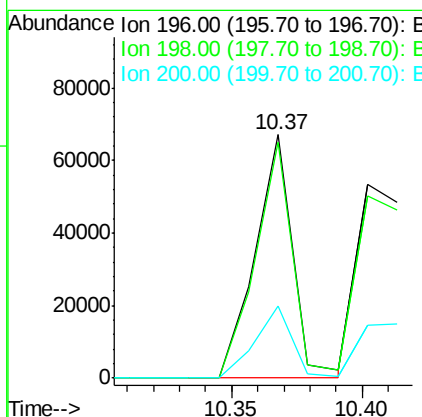
Manual Integrations
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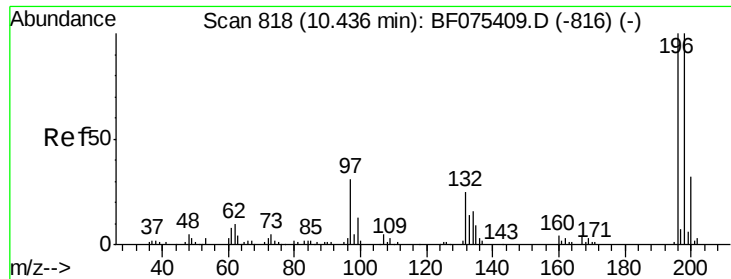
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 42.63 ng
 RT: 10.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.0	75.7	113.5	
200	29.7	23.4	35.0	





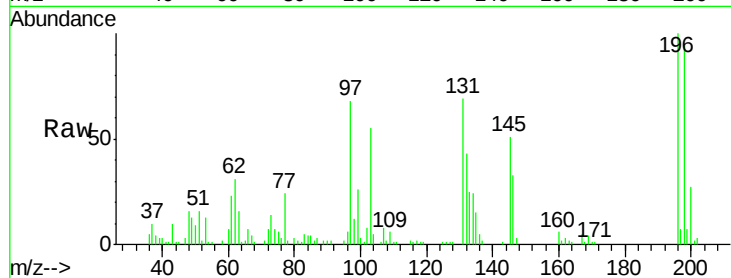
#43
 2,4,5-Trichlorophenol
 Concen: 43.61 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampled :
 PB80238BS

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Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	78.2	117.4
97	67.8	29.9	44.9#
132	43.3	22.2	33.2#



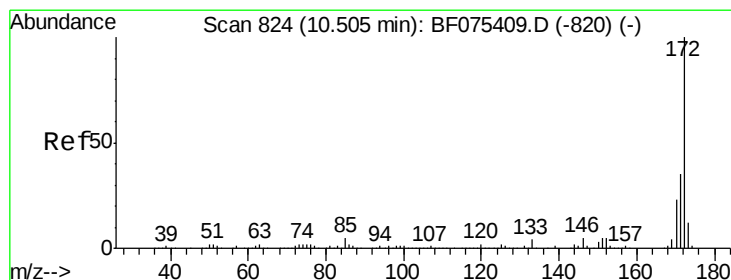
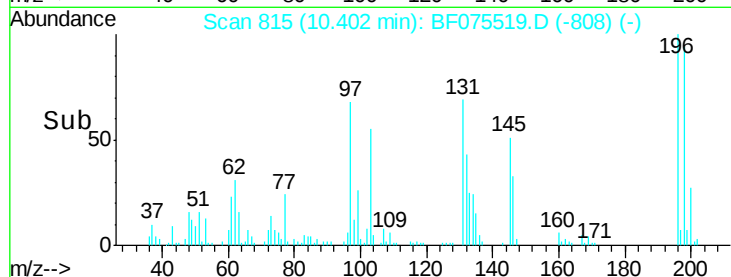
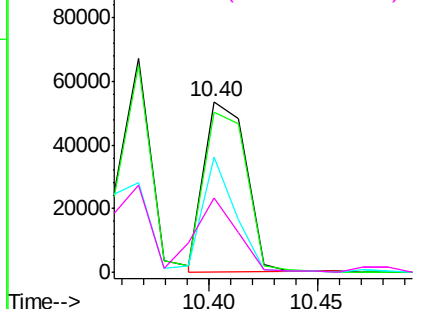
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

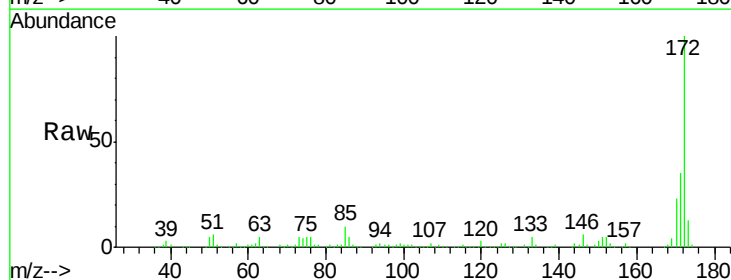
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.57 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	23.3	18.4	27.6

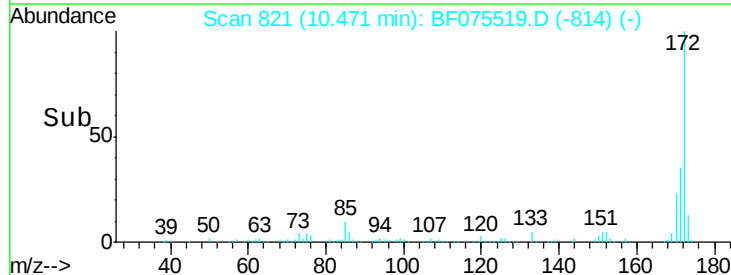
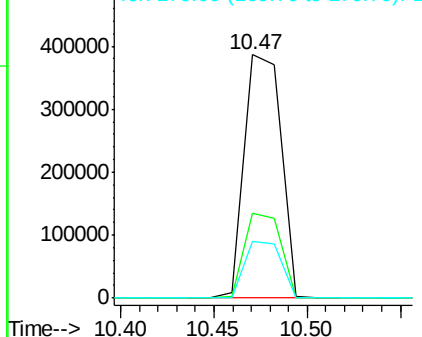


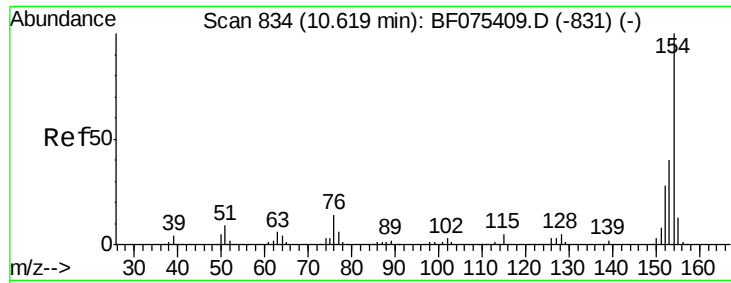
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





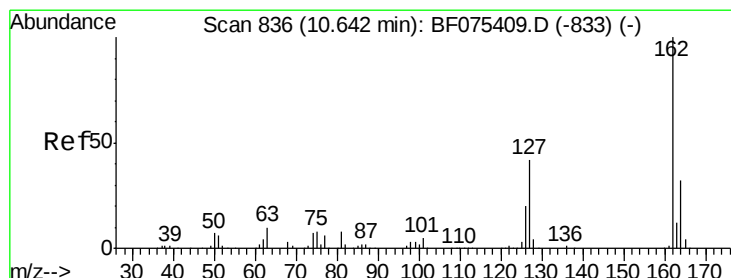
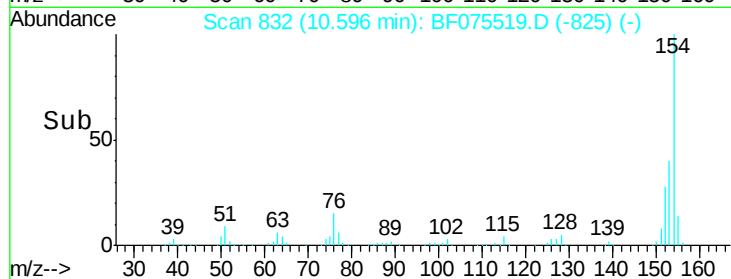
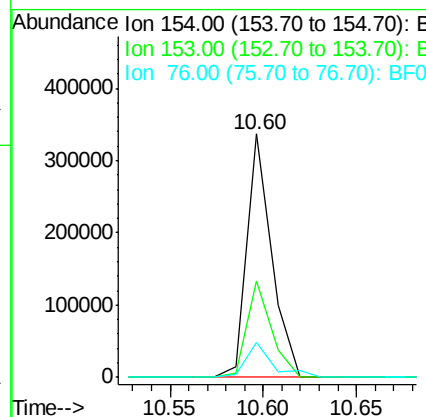
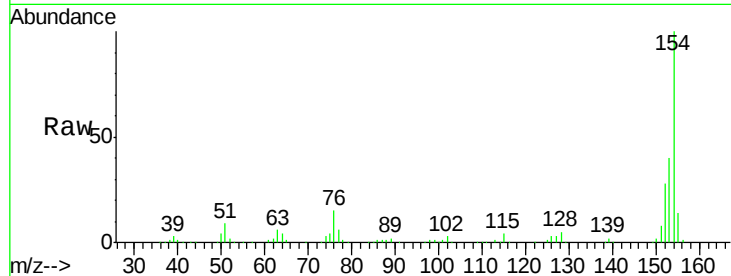
#45
 1,1'-Biphenyl
 Concen: 47.57 ng
 RT: 10.60 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.3	59.3
76	14.6	0.0	35.0

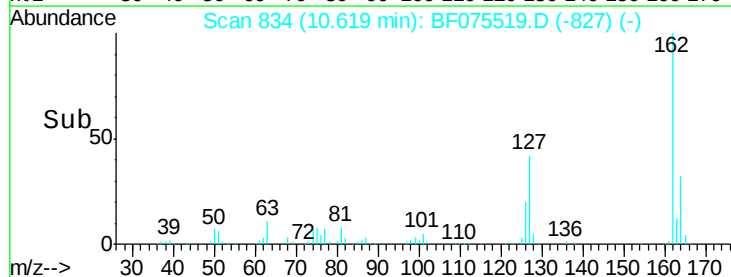
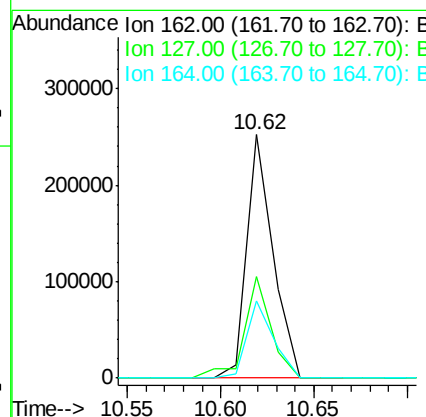
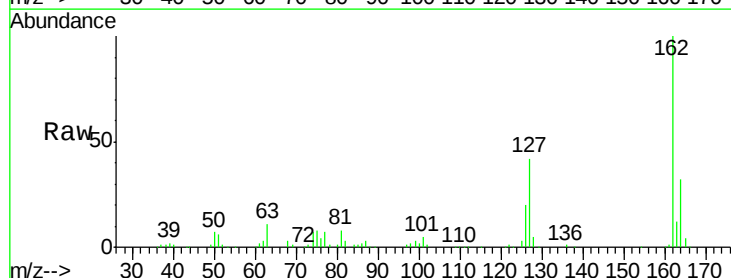
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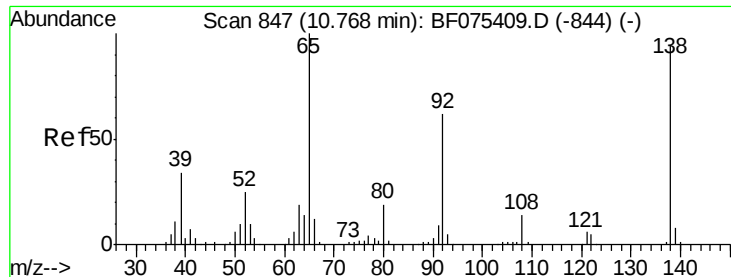
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#46
 2-Chloronaphthalene
 Concen: 48.49 ng
 RT: 10.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	34.6	51.8
164	31.6	25.1	37.7





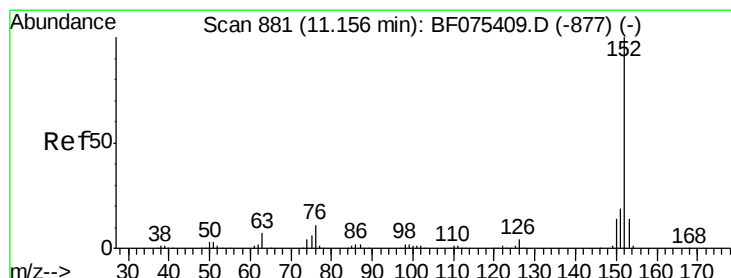
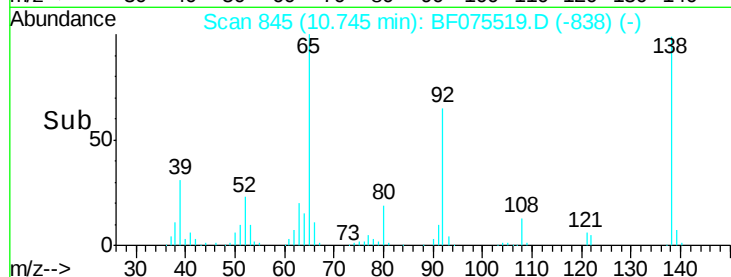
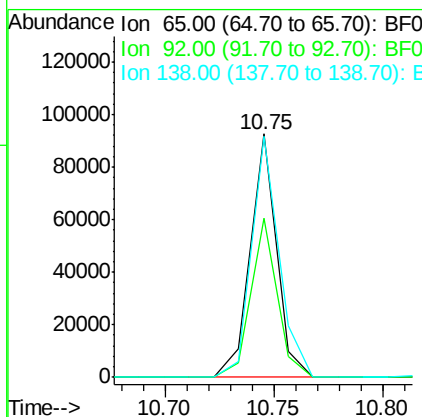
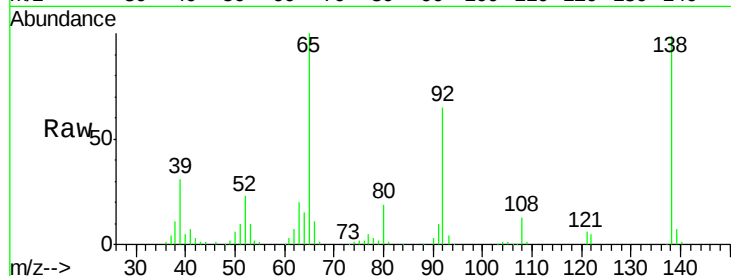
#47
2-Nitroaniline
Concen: 50.80 ng
RT: 10.75 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	46.7	70.1
138	99.2	62.8	94.2

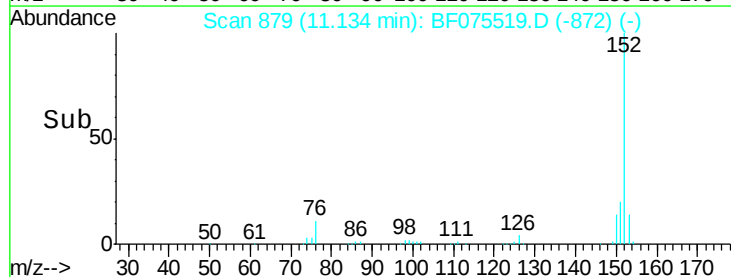
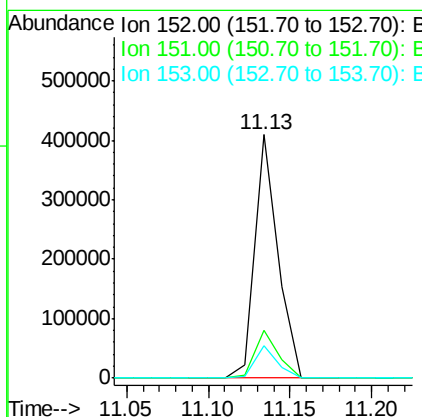
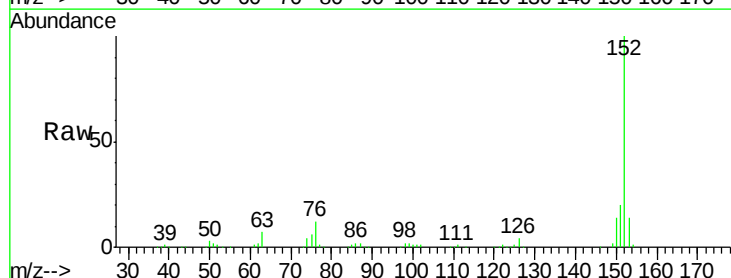
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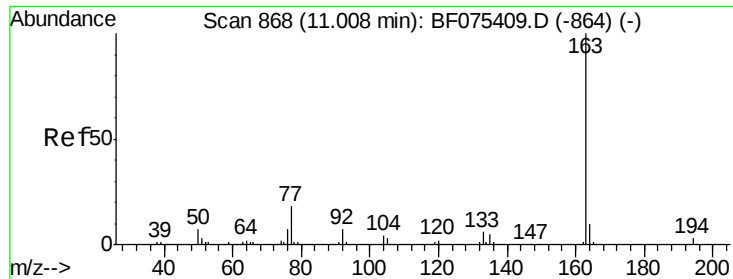
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#48
Acenaphthylene
Concen: 48.17 ng
RT: 11.13 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2
153	13.5	10.0	15.0





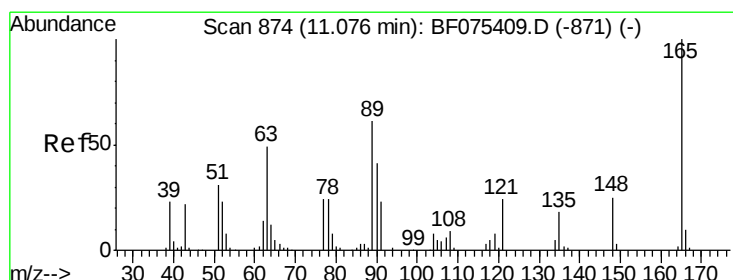
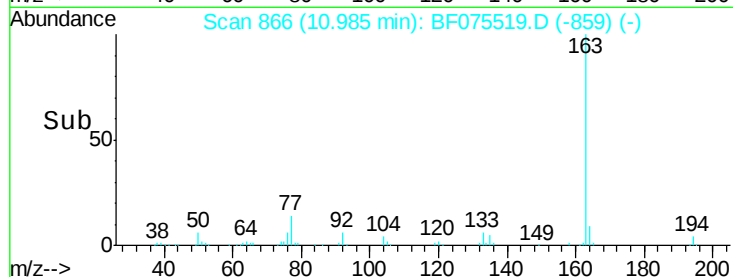
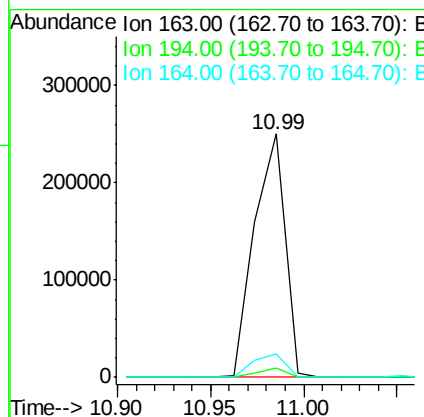
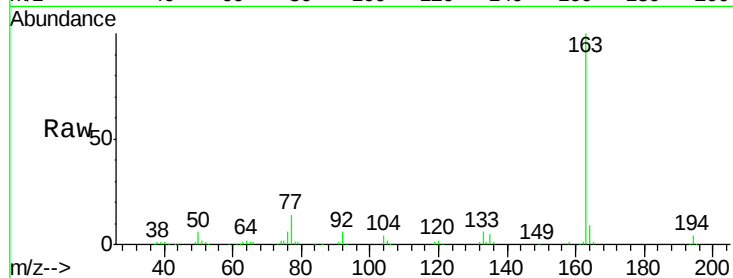
#49
Dimethylphthalate
Concen: 43.33 ng
RT: 10.99 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.4	8.0	12.0

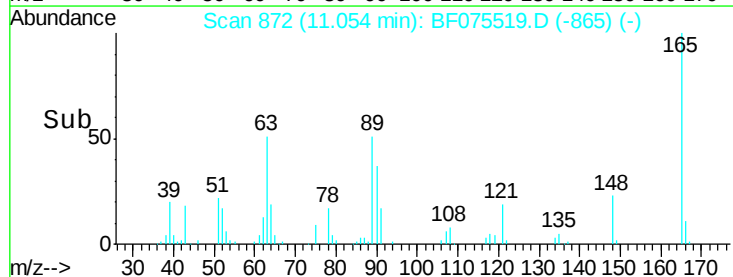
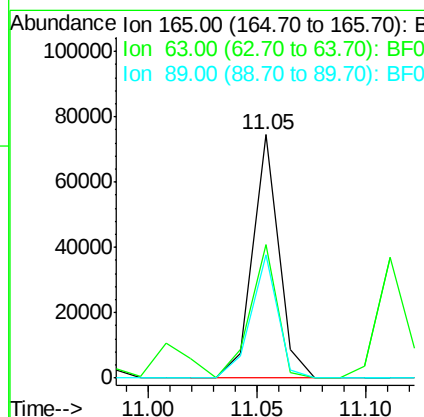
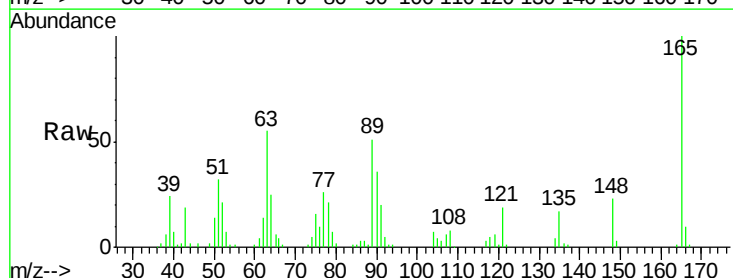
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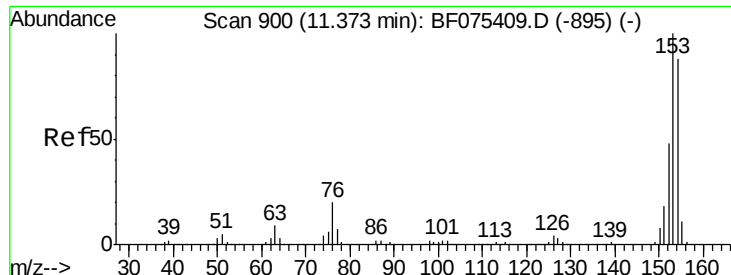
mohammad
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#50
2,6-Dinitrotoluene
Concen: 47.96 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	55.0	61.2	91.8#
89	50.7	52.5	78.7#





#51

Acenaphthene

Concen: 51.75 ng

RT: 11.35 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

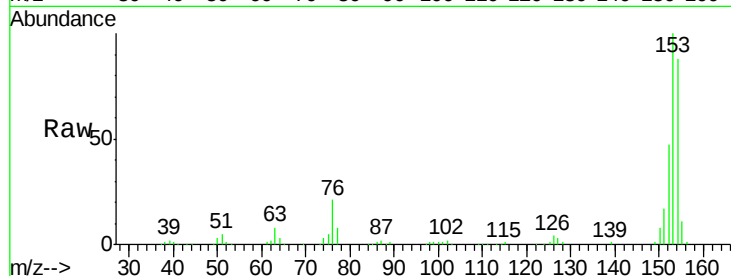
ClientSampleId :

PB80238BS

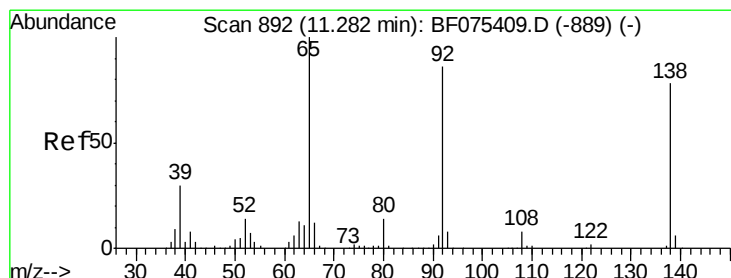
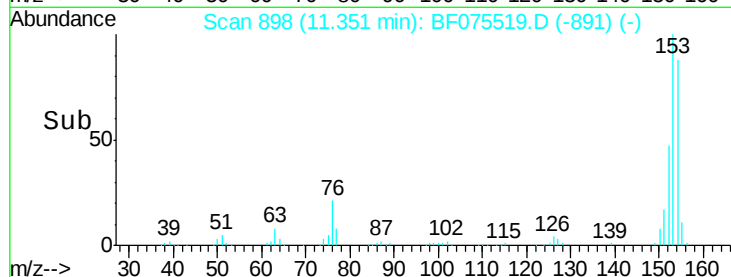
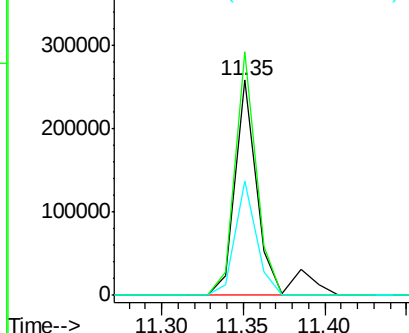
Tot Ion:	154	Resp:	261957
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.2	136.8
152	53.0	43.4	65.0

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



#52

3-Nitroaniline

Concen: 35.10 ng

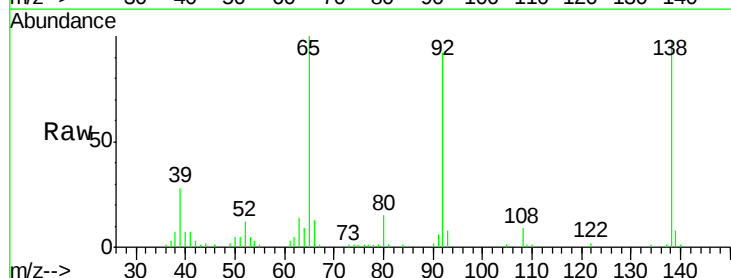
RT: 11.26 min Scan# 890

Delta R.T. -0.02 min

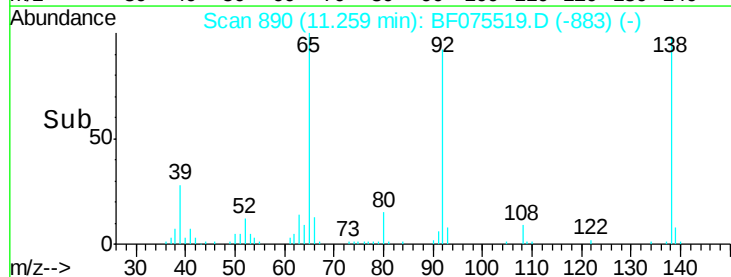
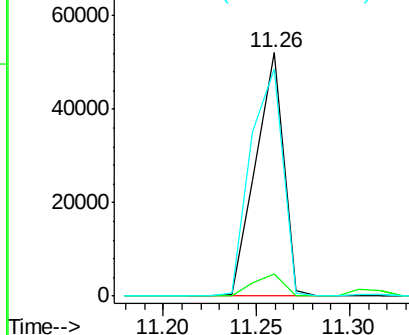
Lab File: BF075519.D

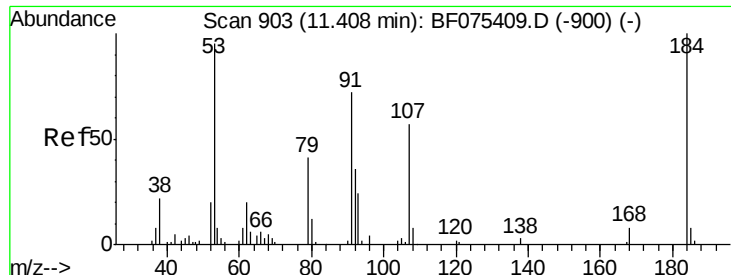
Acq: 15 Nov 2014 3:09

Tgt Ion:	138	Resp:	53744
Ion Ratio	Lower	Upper	
138	100		
108	9.4	10.2	15.2#
92	93.2	91.0	136.6



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





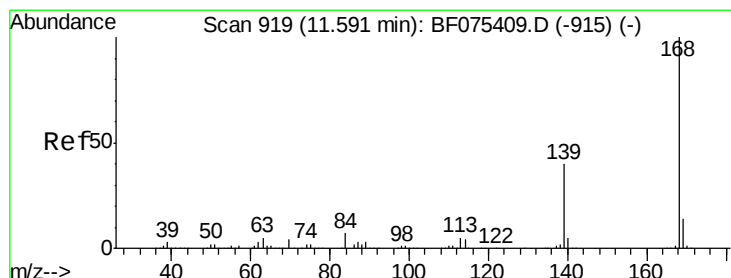
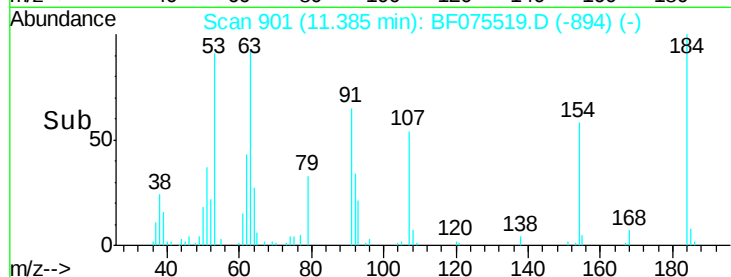
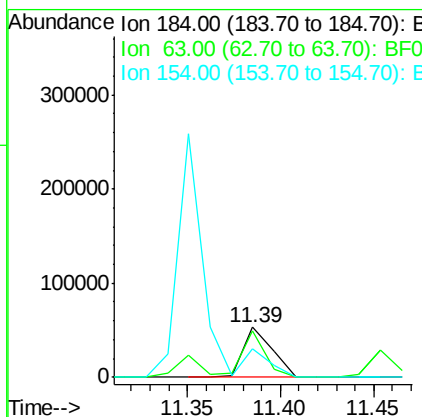
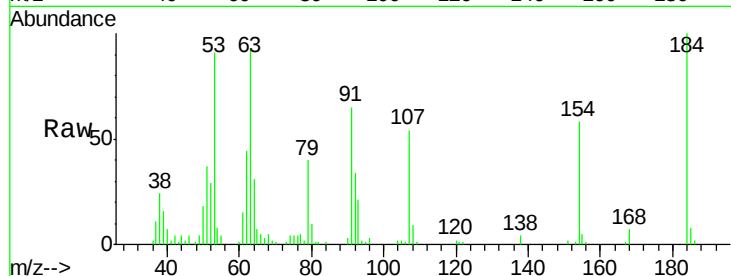
#53
2,4-Dinitrophenol
Concen: 79.17 ng
RT: 11.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	57337		
63	92.4	96.3	144.5#	
154	57.6	56.2	84.4	

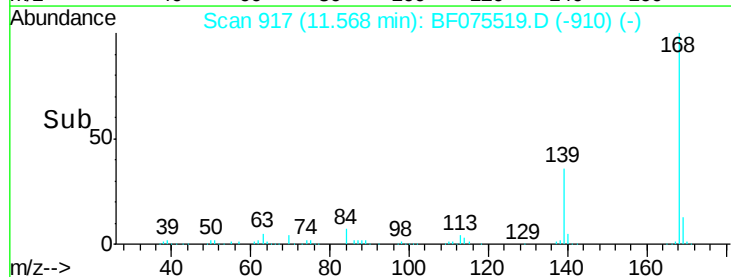
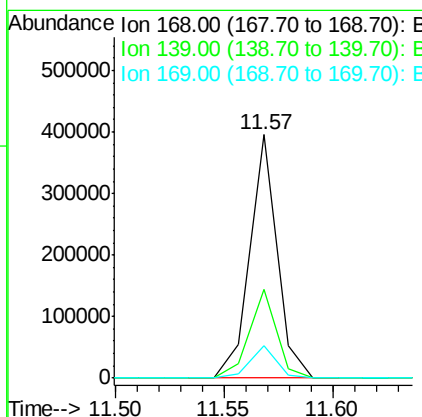
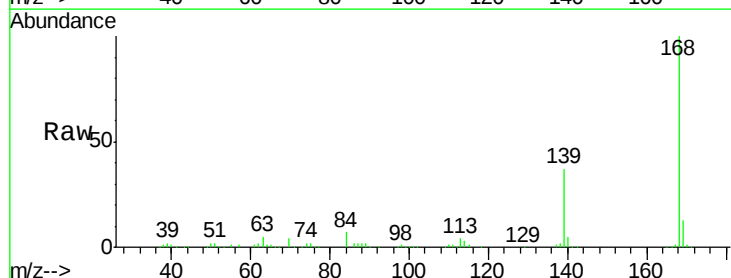
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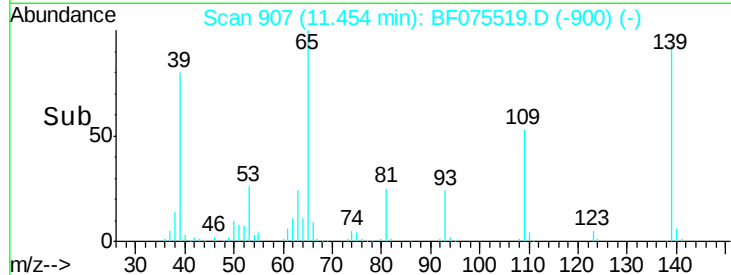
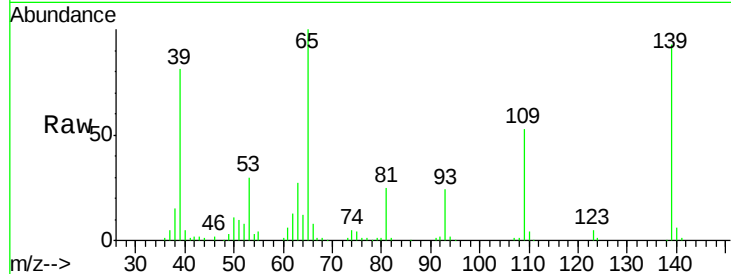
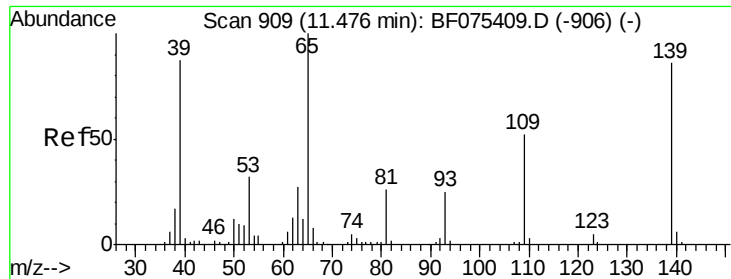
mohammad
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#54
Dibenzofuran
Concen: 47.64 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	344601		
139	36.5	33.0	49.4	
169	13.2	10.8	16.2	





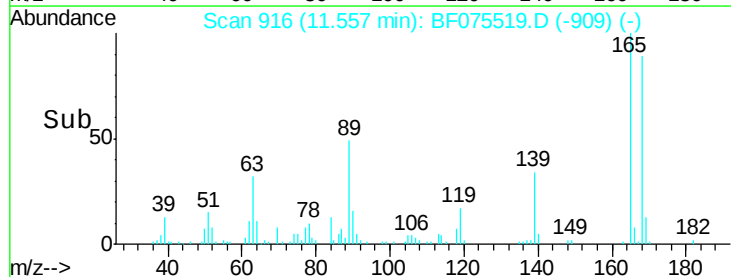
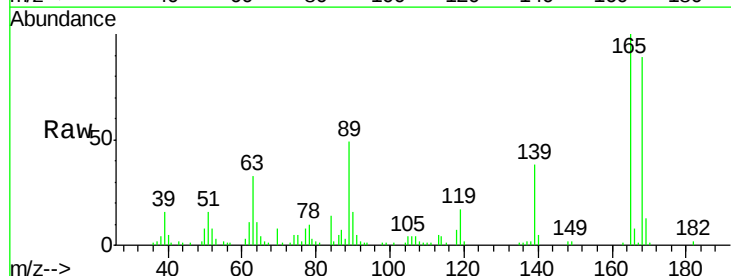
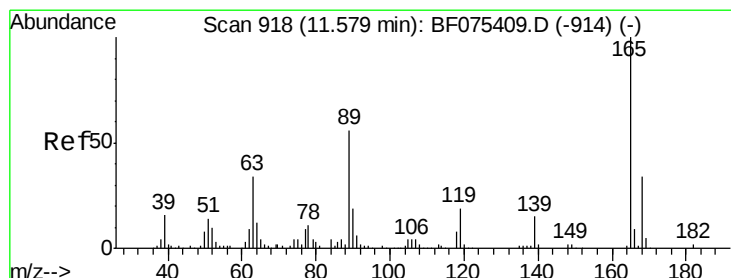
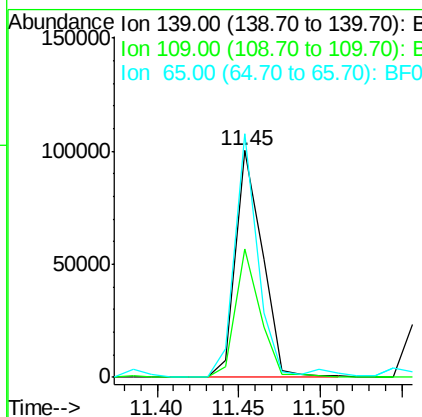
#55
4-Nitrophenol
Concen: 93.01 ng
RT: 11.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tot Ion	Ratio	Resp	Lower	Upper
139	100	113832		
109	56.9	45.8	85.8	
65	107.4	94.8	134.8	

Instrument :
BNA_F
ClientSampleId :
PB80238BS

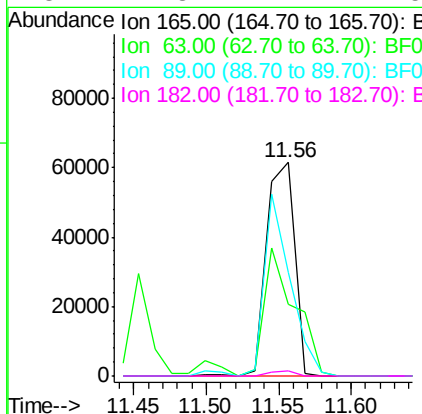
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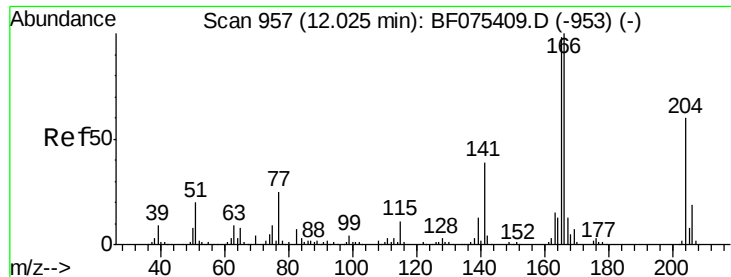
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#56
2,4-Dinitrotoluene
Concen: 48.36 ng
RT: 11.56 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	82487		
63	33.3	27.0	40.6	
89	48.7	47.8	71.6	
182	2.3	1.7	2.5	





#57

Fluorene

Concen: 47.53 ng

RT: 11.99 min Scan# 954

Delta R.T. -0.03 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

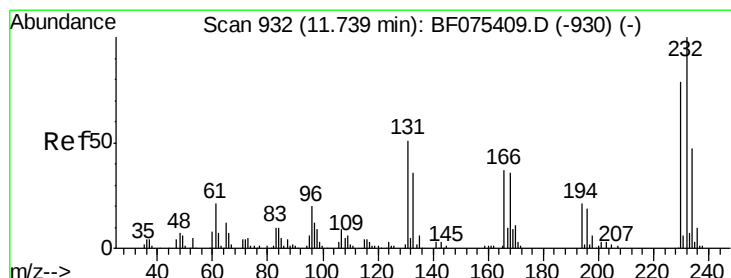
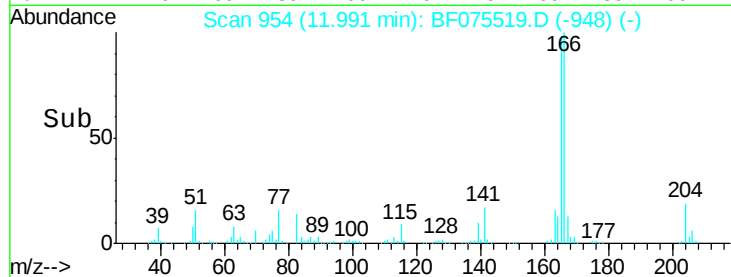
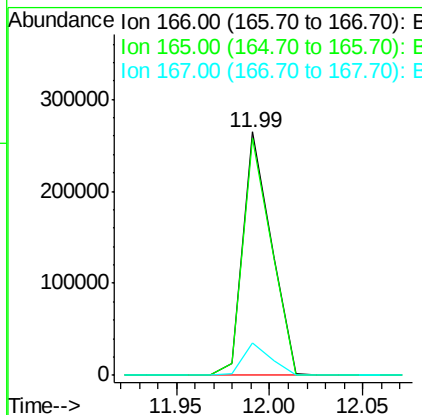
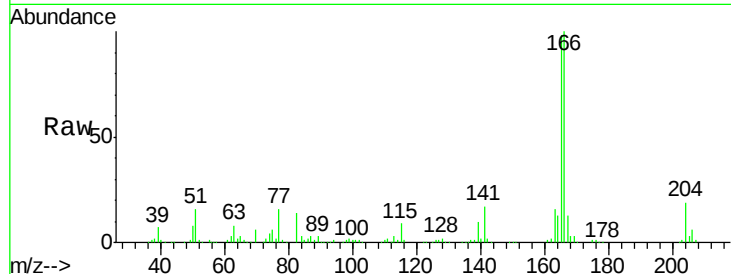
ClientSampleId :

PB80238BS

Tot Ion:	166	Resp:	278073
Ion Ratio		Lower	Upper
166	100		
165	97.7	78.8	118.2
167	13.3	10.6	15.8

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.25 ng

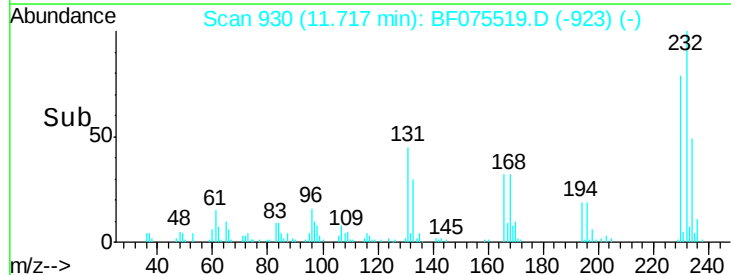
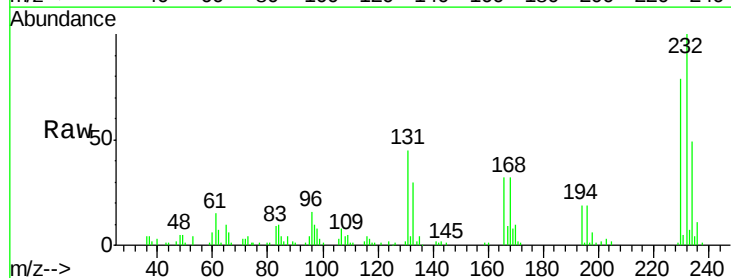
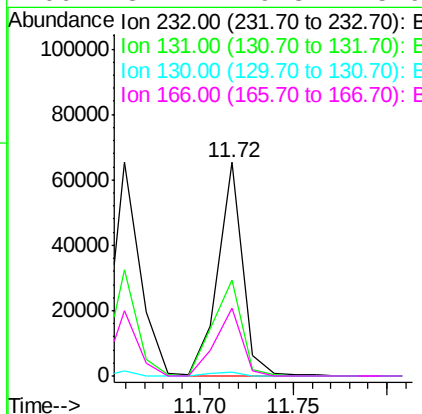
RT: 11.72 min Scan# 930

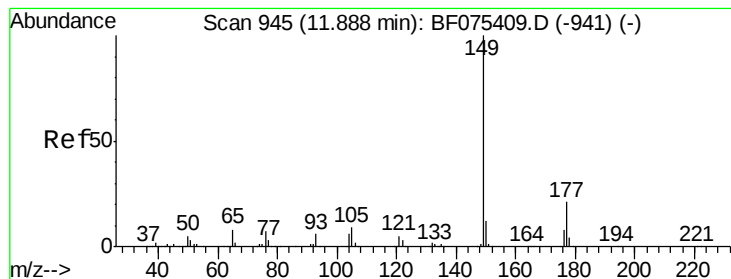
Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Tgt Ion:	232	Resp:	60264
Ion Ratio		Lower	Upper
232	100		
131	52.2	44.6	67.0
130	2.2	2.5	3.7#
166	34.1	29.3	43.9





#59

Diethylphthalate

Concen: 41.81 ng

RT: 11.87 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

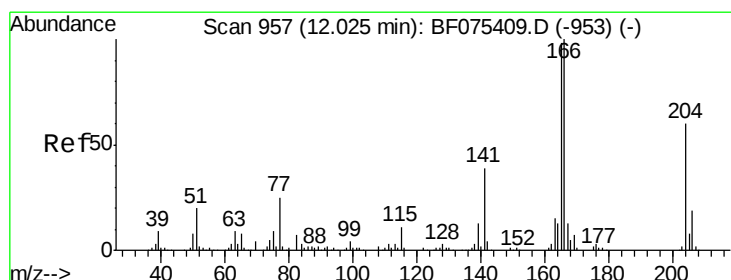
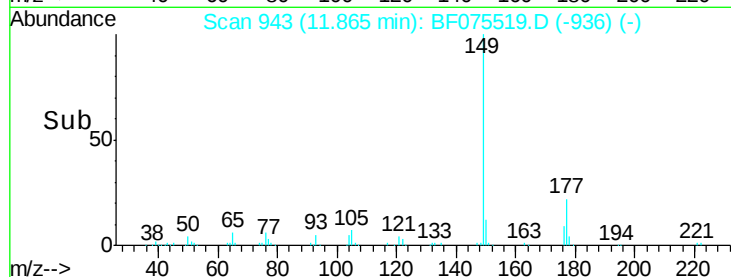
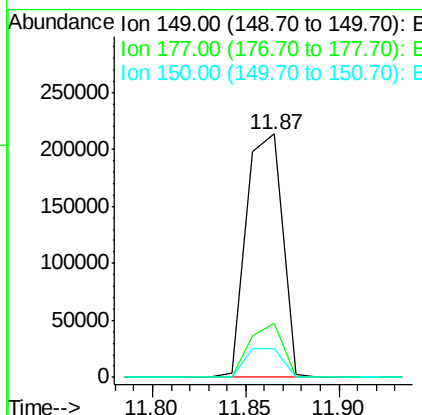
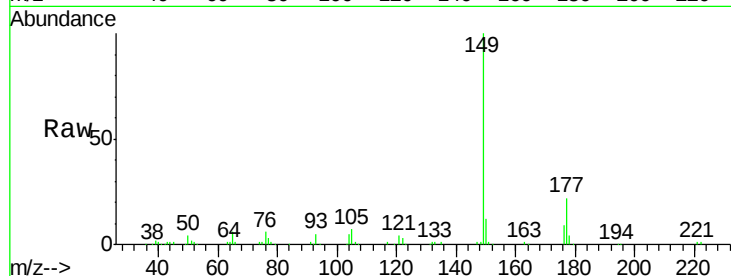
ClientSampleId :

PB80238BS

Tot Ion:	149	Resp:	286027
Ion Ratio	Lower	Upper	
149	100		
177	22.4	15.8	23.8
150	11.6	9.9	14.9

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#60

4-Chlorophenyl-phenylether

Concen: 47.12 ng

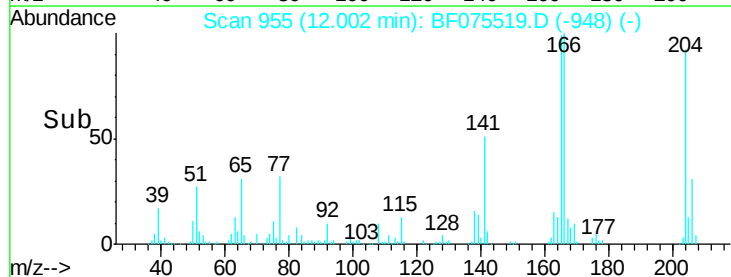
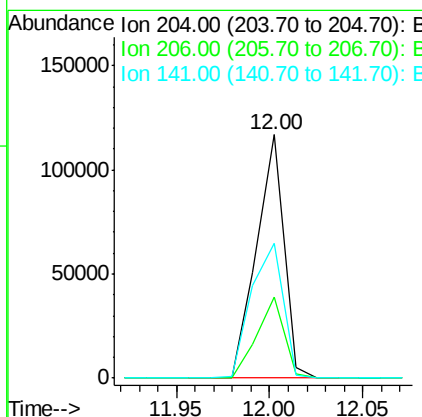
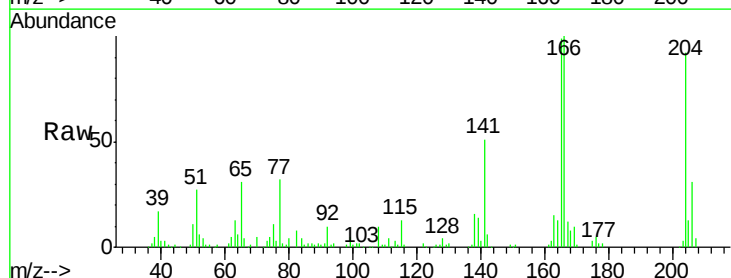
RT: 12.00 min Scan# 955

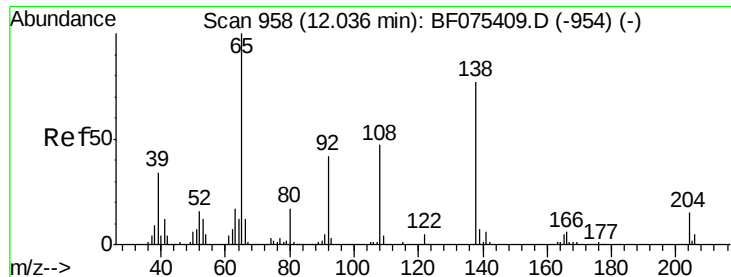
Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Tgt Ion:	204	Resp:	118530
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.1	37.7
141	55.4	58.6	87.8#





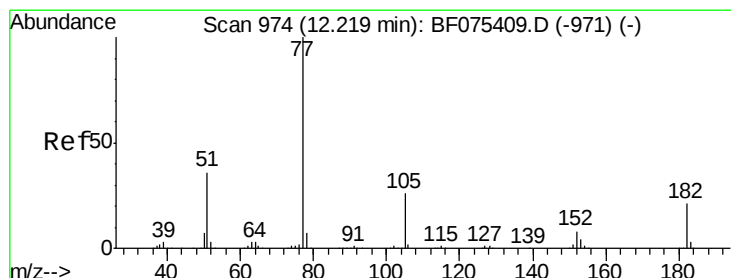
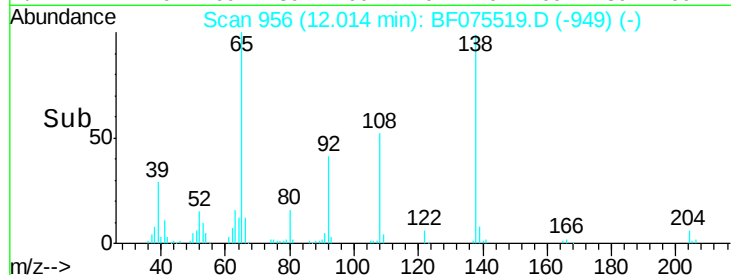
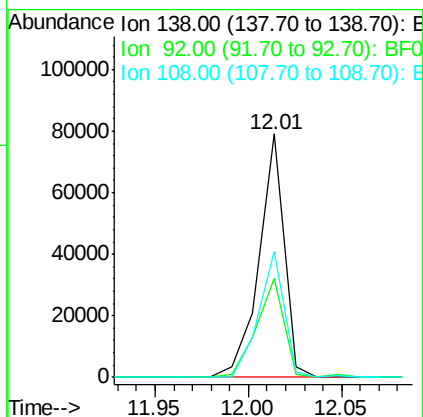
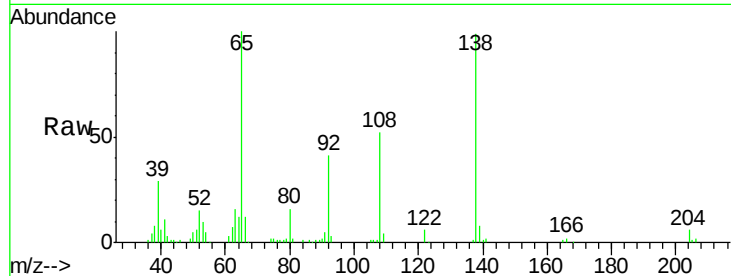
#61
4-Nitroaniline
Concen: 47.99 ng
RT: 12.01 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampled :
PB80238BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.7	34.8	74.8
108	51.8	50.6	90.6

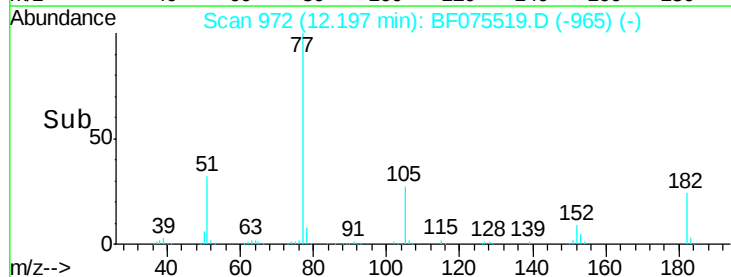
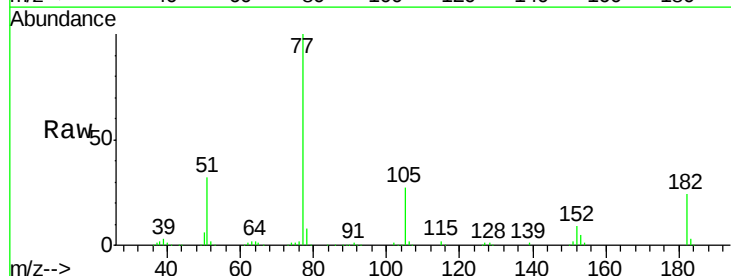
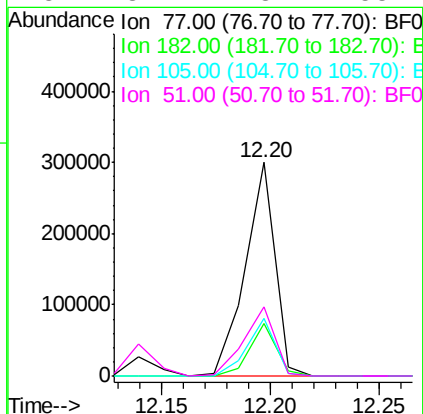
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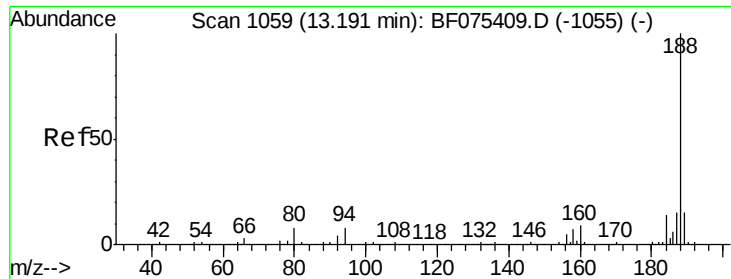
mohammad
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#62
Azobenzene
Concen: 47.24 ng
RT: 12.20 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	0.0	37.1
105	26.8	3.7	43.7
51	32.2	18.7	58.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.16 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

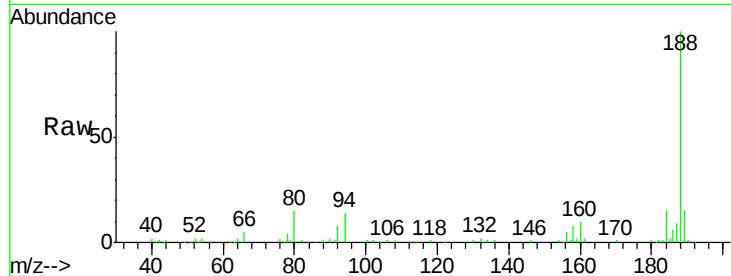
ClientSampleId :

PB80238BS

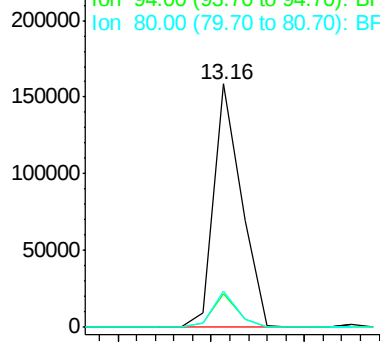
Tot Ion:	188	Resp:	163596
Ion Ratio	Lower	Upper	
188	100		
94	13.8	7.8	11.6#
80	14.9	8.0	12.0#

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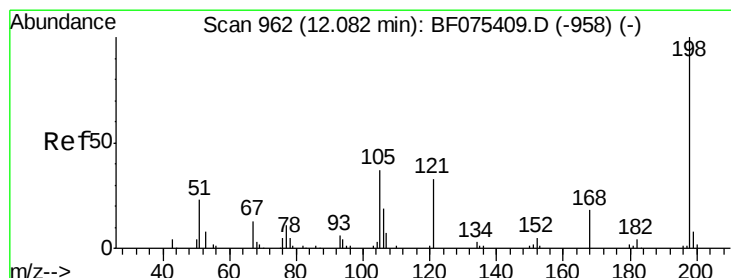
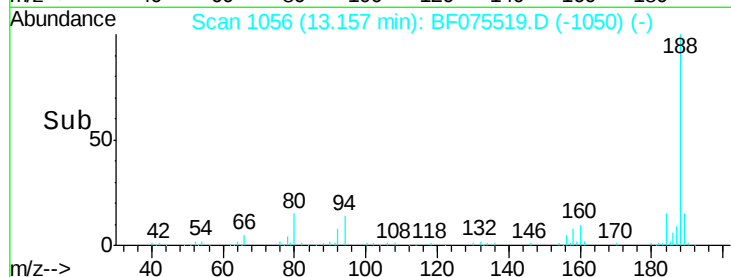
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Abundance Ion 188.00 (187.70 to 188.70): E



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 42.70 ng

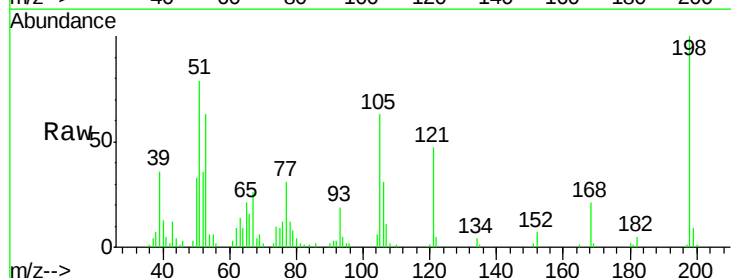
RT: 12.05 min Scan# 959

Delta R.T. -0.03 min

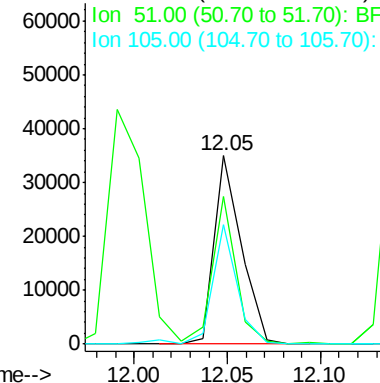
Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

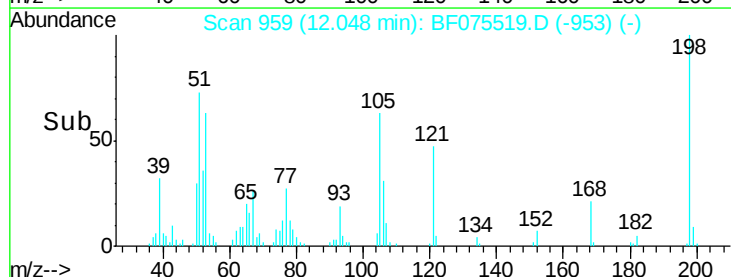
Tgt Ion:	198	Resp:	35335
Ion Ratio	Lower	Upper	
198	100		
51	78.5	26.0	66.0#
105	63.4	24.2	64.2

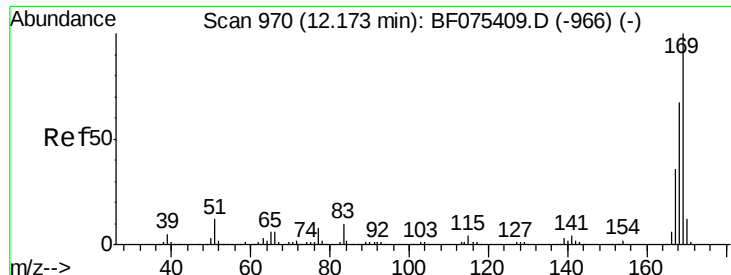


Abundance Ion 198.00 (197.70 to 198.70): E



Time-->





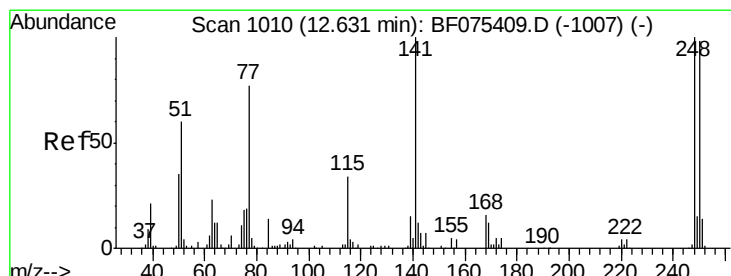
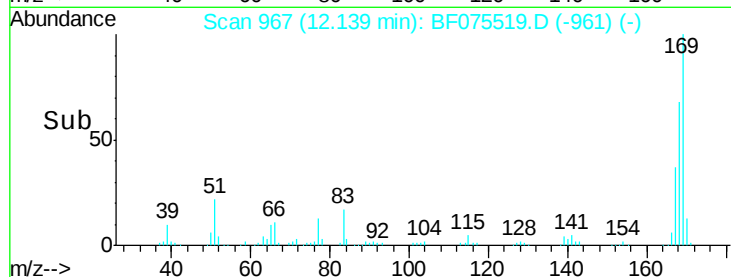
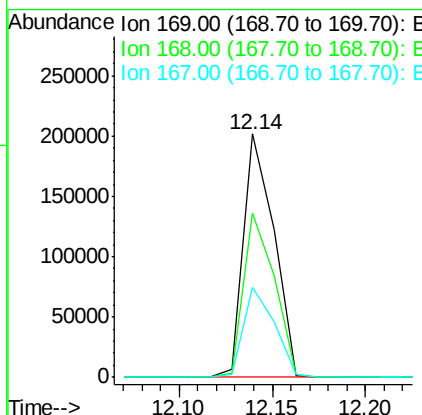
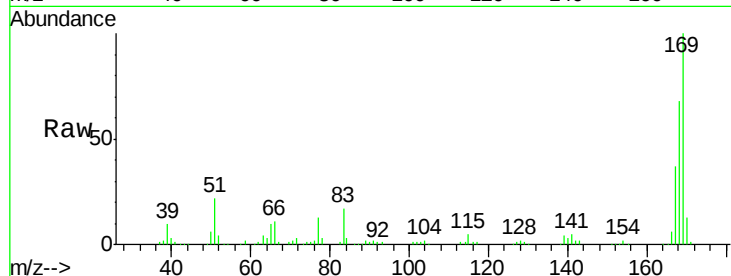
#65
 n-Nitrosodiphenylamine
 Concen: 43.95 ng
 RT: 12.14 min Scan# 967
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.5	80.3
167	36.9	29.8	44.6

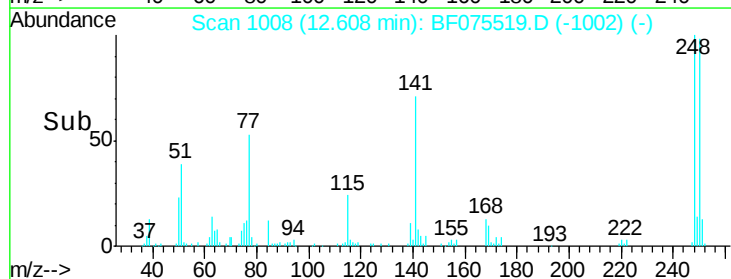
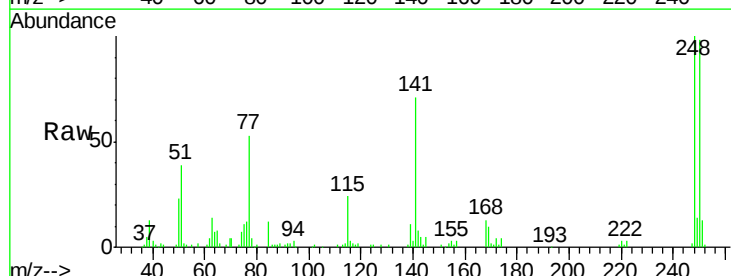
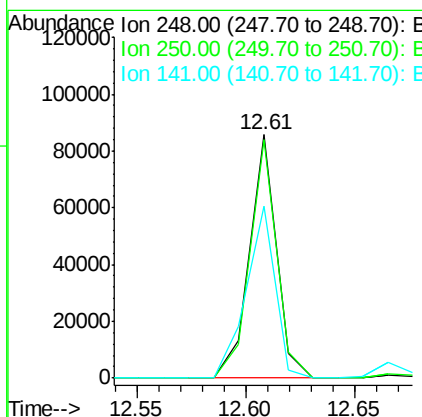
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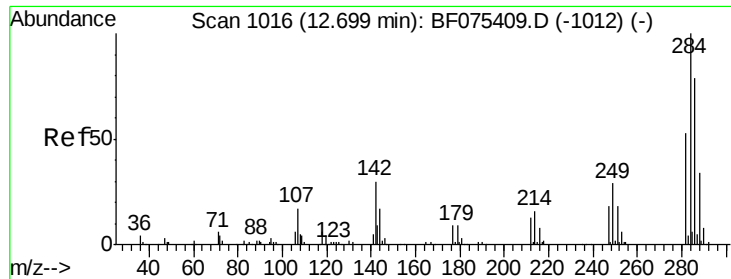
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#66
 4-Bromophenyl-phenylether
 Concen: 47.86 ng
 RT: 12.61 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.3	114.5
141	70.9	44.3	66.5





#67

Hexachlorobenzene

Concen: 45.52 ng

RT: 12.68 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

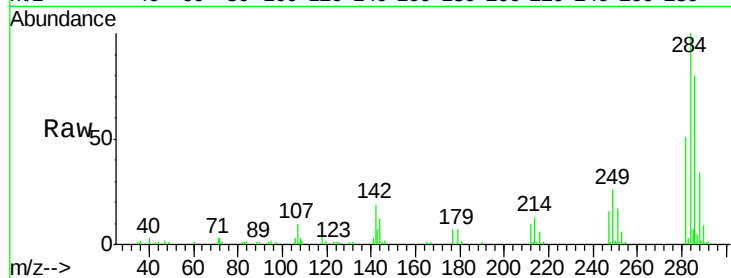
ClientSampleId :

PB80238BS

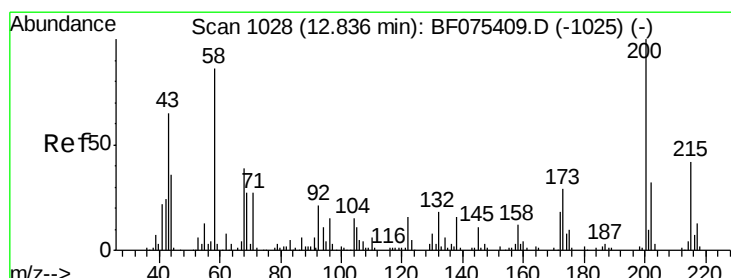
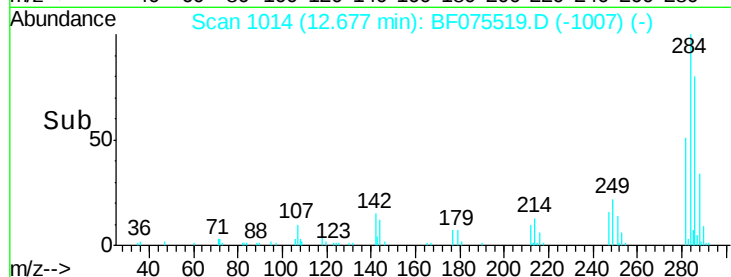
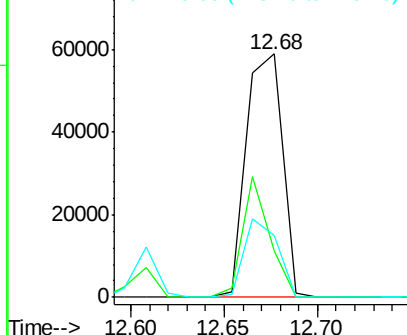
Tot Ion:	284	Resp:	79564
Ion Ratio		Lower	Upper
284	100		
142	19.1	28.7	43.1#
249	25.6	24.1	36.1

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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: 44.50 ng

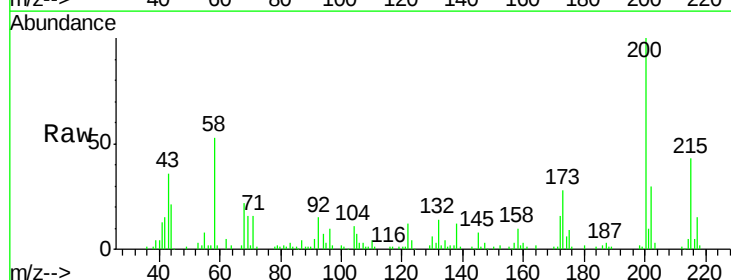
RT: 12.81 min Scan# 1026

Delta R.T. -0.02 min

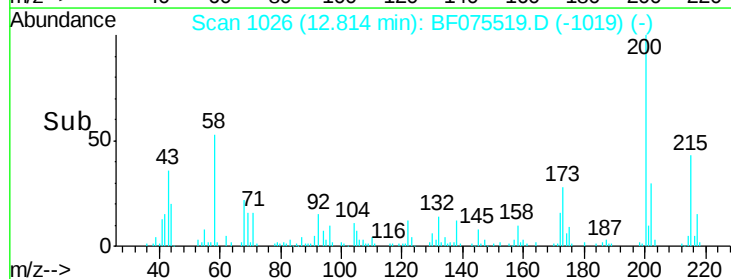
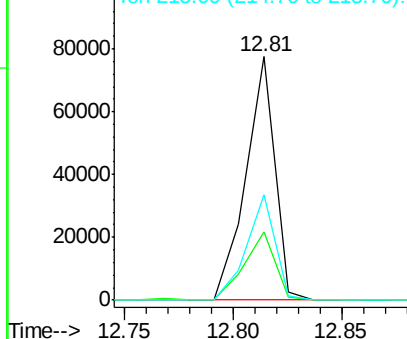
Lab File: BF075519.D

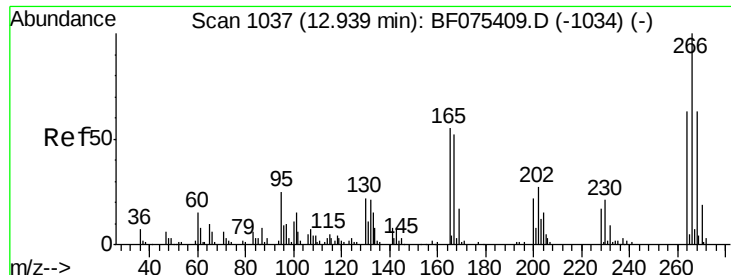
Acq: 15 Nov 2014 3:09

Tgt Ion:	200	Resp:	71465
Ion Ratio		Lower	Upper
200	100		
173	27.8	12.3	52.3
215	43.3	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





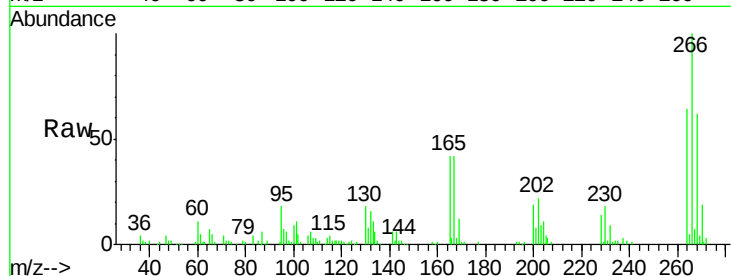
#69
 Pentachlorophenol
 Concen: 86.87 ng
 RT: 12.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampled :
 PB80238BS

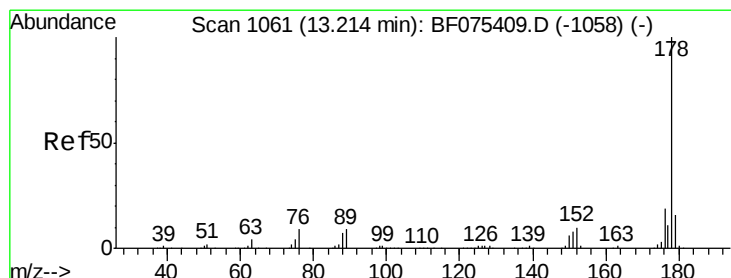
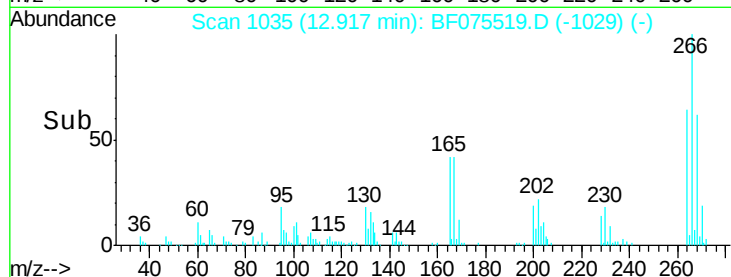
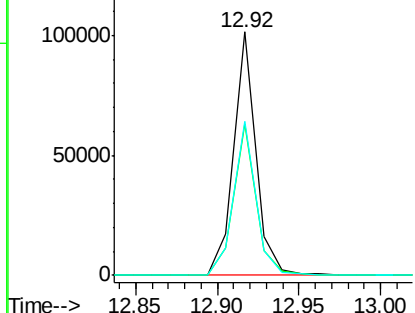
Tot Ion	Ratio	Resp	Lower	Upper
266	100	95293		
268	62.0		48.6	73.0
264	63.5		52.1	78.1

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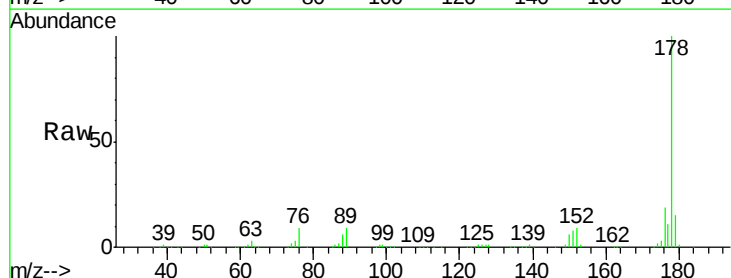


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

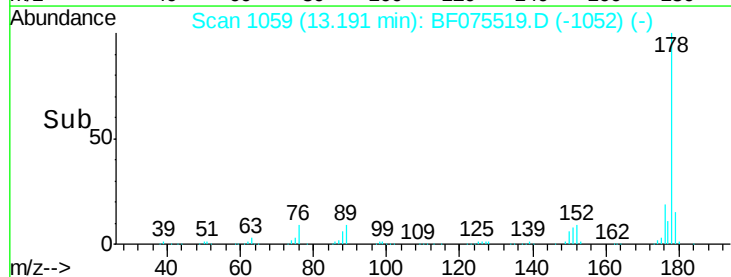
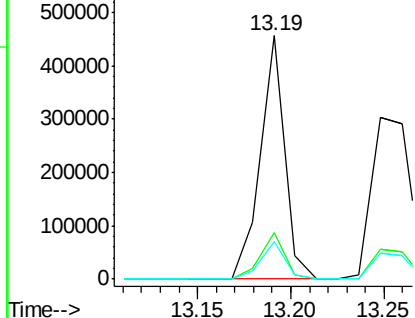


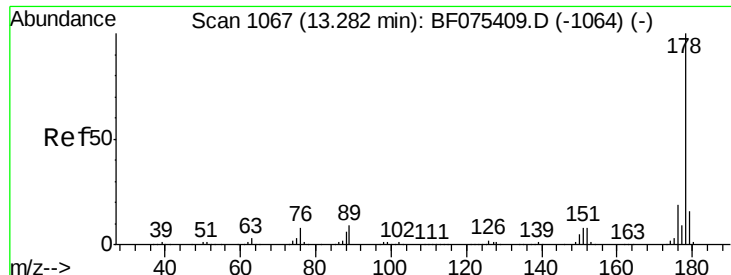
#70
 Phenanthrene
 Concen: 48.44 ng
 RT: 13.19 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	417077		
176	19.0		15.3	22.9
179	15.3		12.2	18.4



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





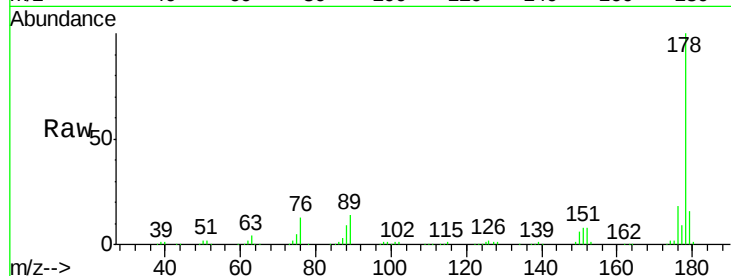
#71
 Anthracene
 Concen: 47.04 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	16.0	12.2	18.2

Manual Integrations
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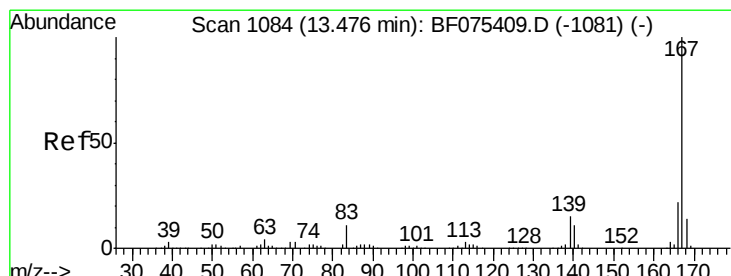
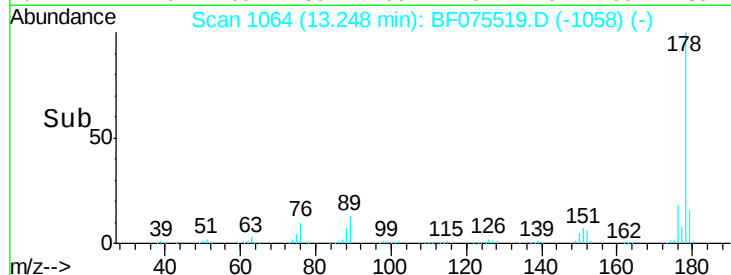
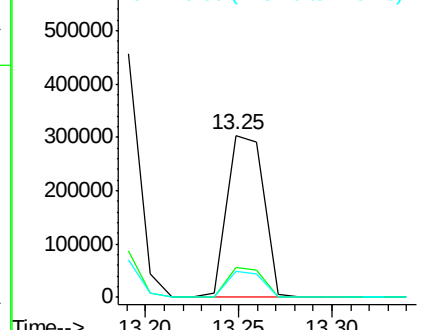


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 45.89 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

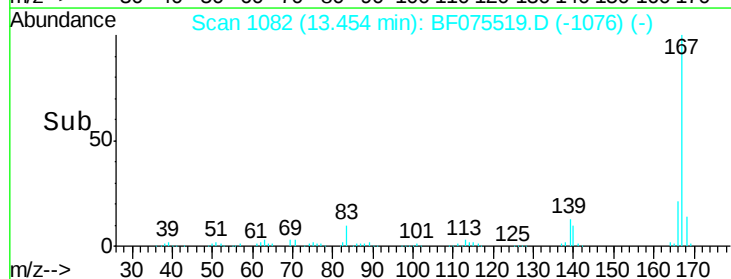
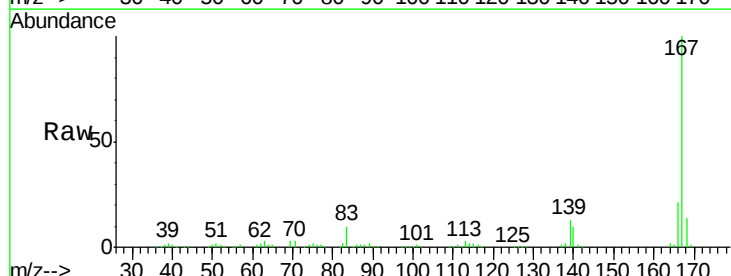
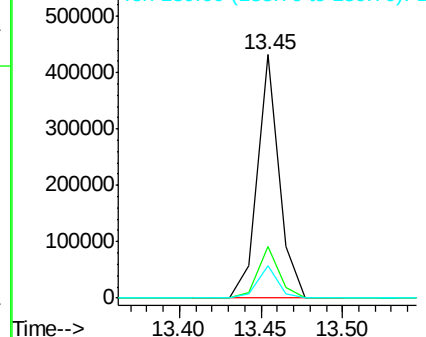
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	13.2	10.1	15.1

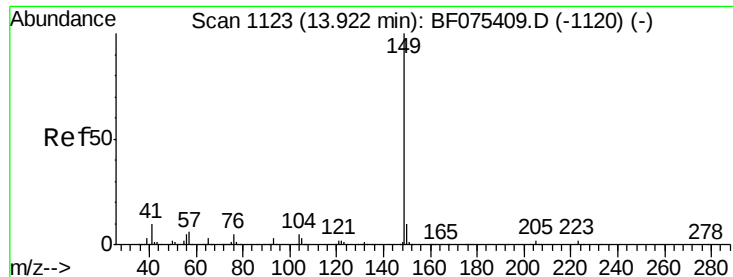
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.69 ng

RT: 13.90 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

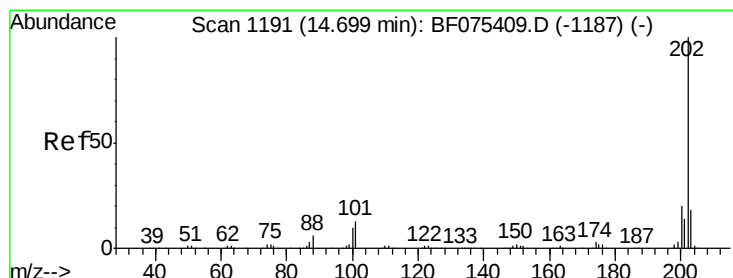
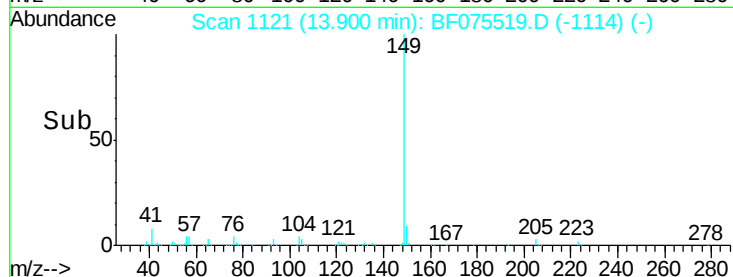
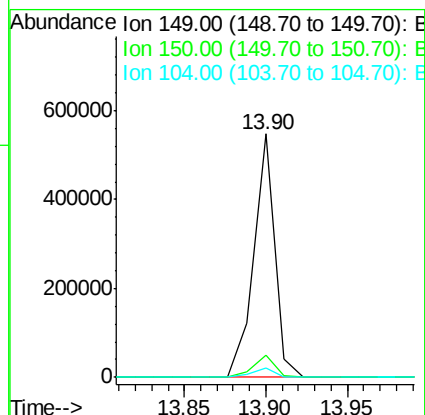
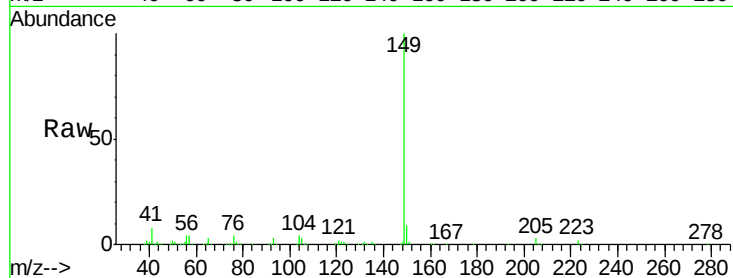
ClientSampleId :

PB80238BS

Tot Ion:	149	Resp:	489471
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.3	10.9
104	4.0	3.1	4.7

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#74

Fluoranthene

Concen: 47.89 ng

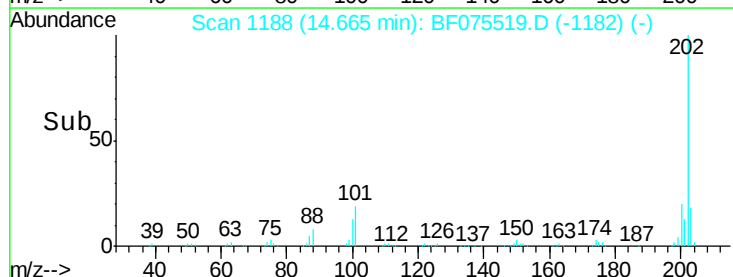
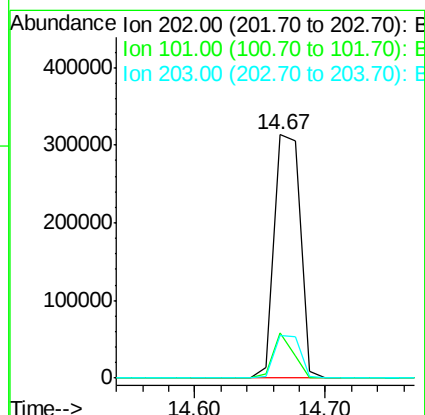
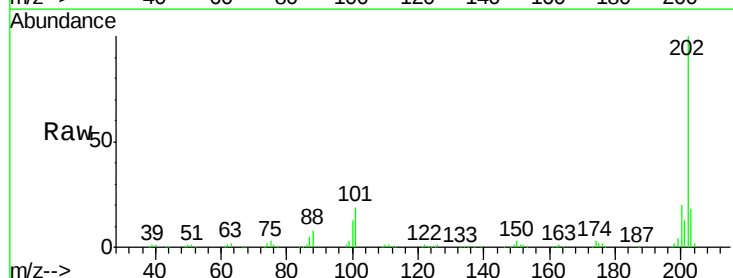
RT: 14.67 min Scan# 1188

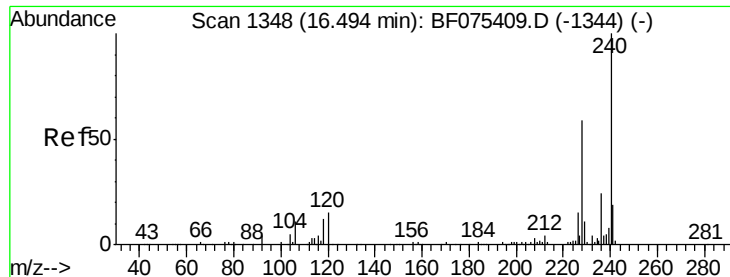
Delta R.T. -0.03 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Tgt Ion:	202	Resp:	441604
Ion Ratio	Lower	Upper	
202	100		
101	18.7	0.0	36.6
203	17.6	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.08 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

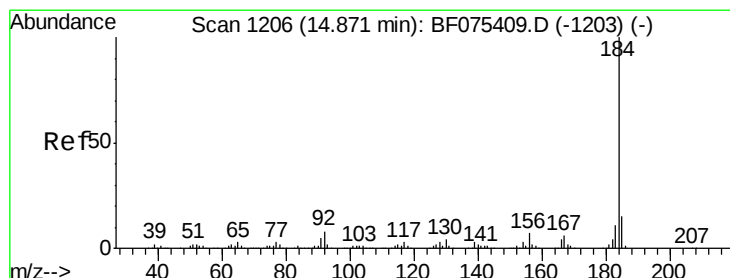
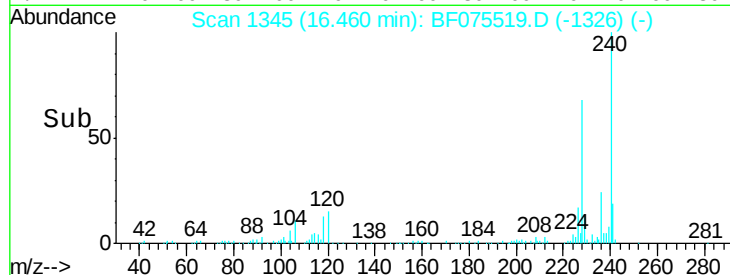
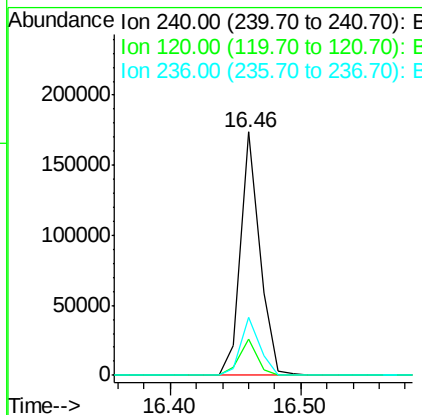
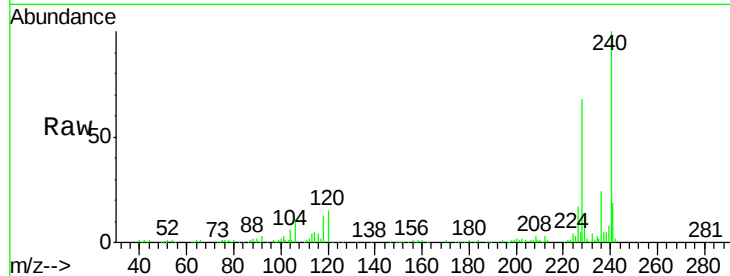
ClientSampleId :

PB80238BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	178143		
120	15.1	9.6	14.4#	
236	23.7	18.9	28.3	

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#76

Benzidine

Concen: 34.25 ng m

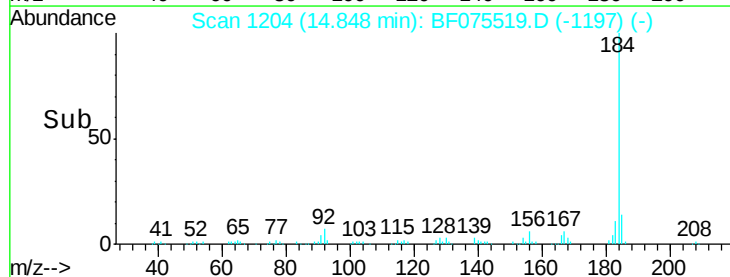
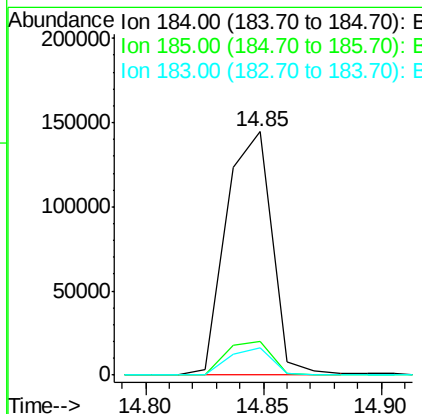
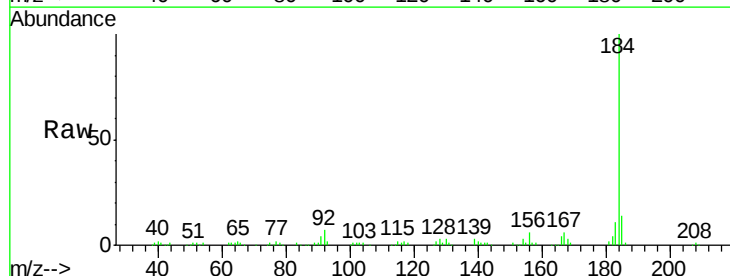
RT: 14.85 min Scan# 1204

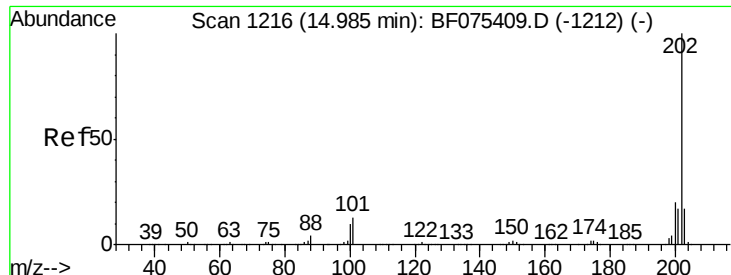
Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	194026		
185	13.9	10.9	16.3	
183	11.2	8.7	13.1	





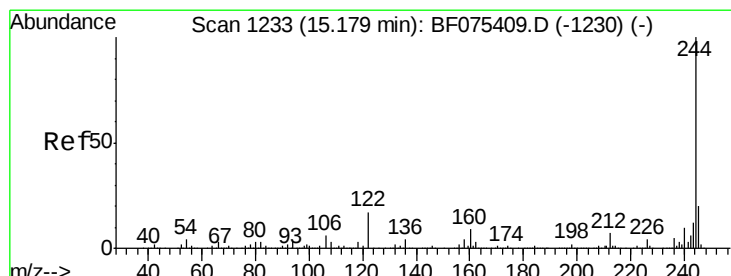
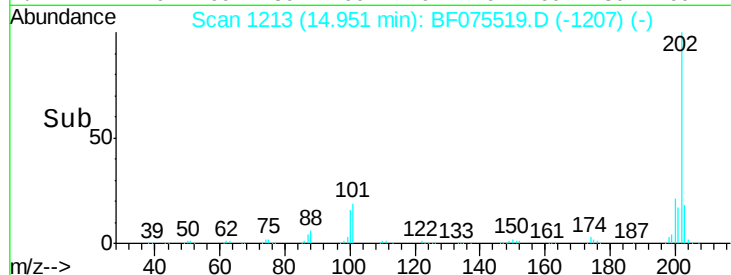
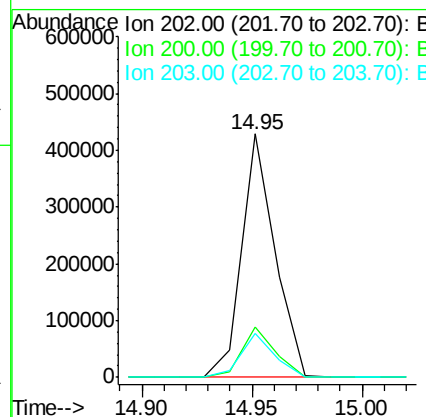
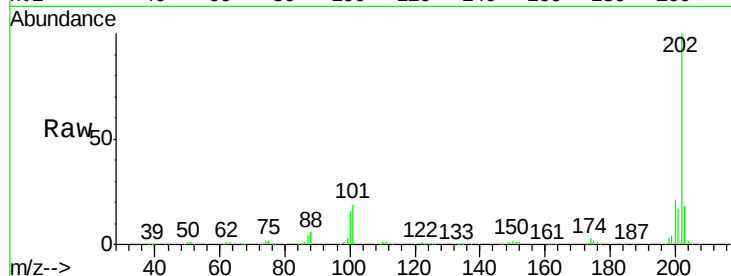
#77
Pvrene
Concen: 43.55 ng/ml
RT: 14.95 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	451006		
200	20.9	16.8	25.2	
203	18.0	14.3	21.5	

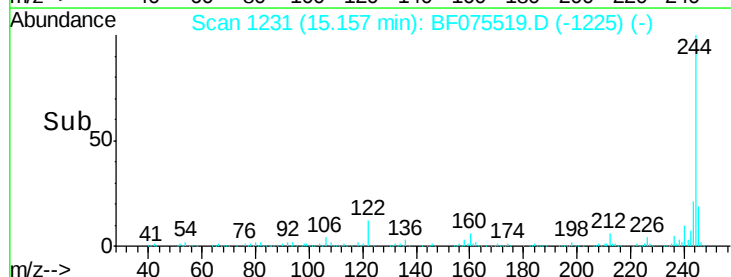
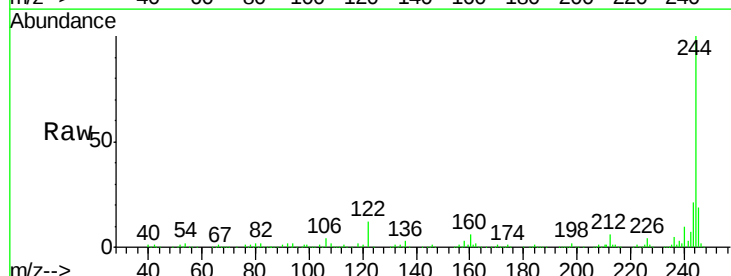
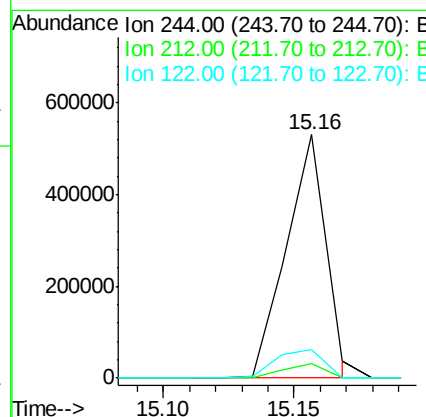
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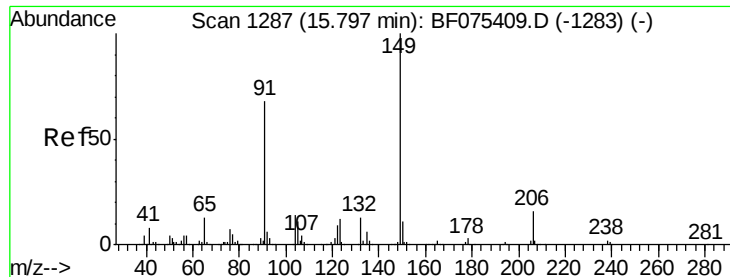
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#78
Terphenyl-d14
Concen: 84.57 ng
RT: 15.16 min Scan# 1231
Delta R.T. -0.03 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	559596		
212	6.0	5.5	8.3	
122	11.9	9.7	14.5	





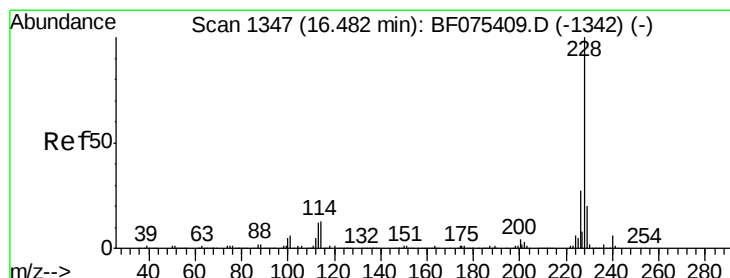
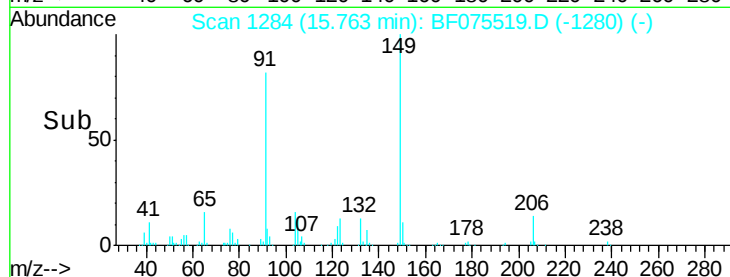
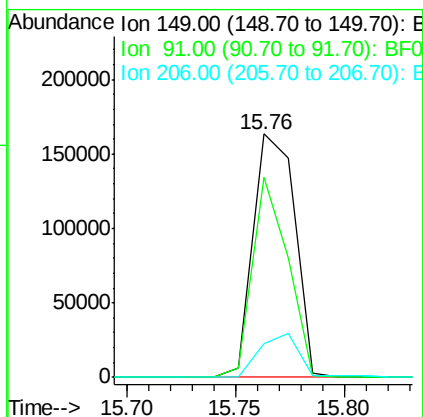
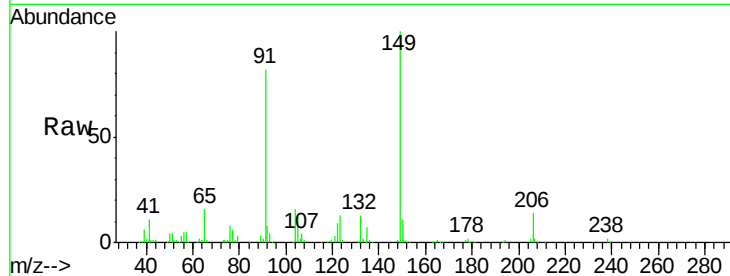
#79
Butylbenzylphthalate
Concen: 37.71 ng
RT: 15.76 min Scan# 1284
Delta R.T. -0.06 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	82.2	49.0	73.4#
206	14.1	15.5	23.3#

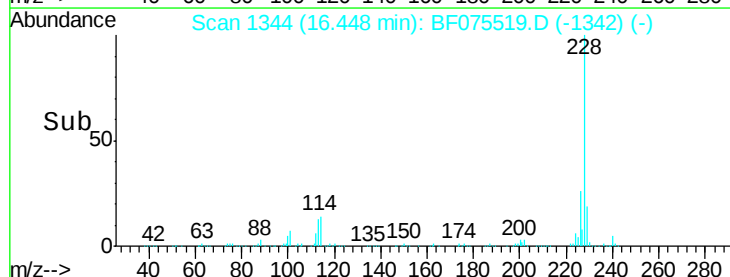
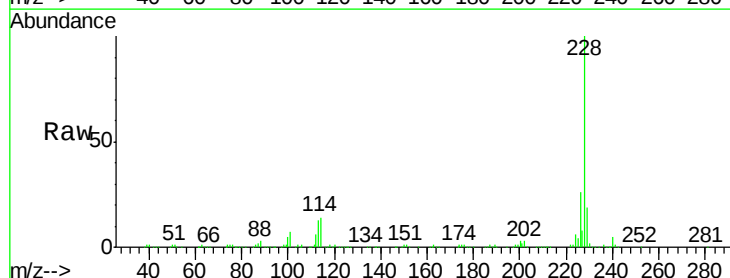
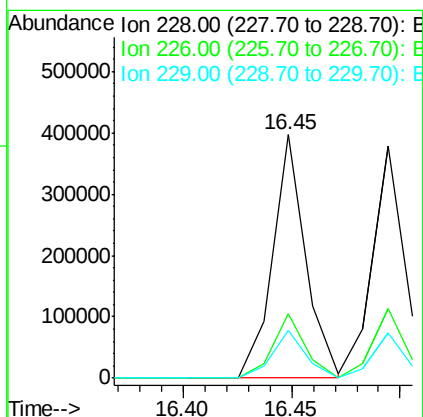
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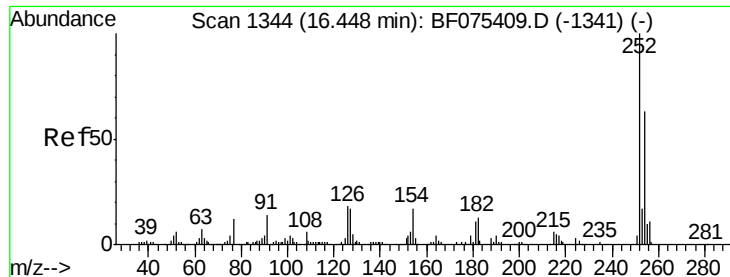
mohammad
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#80
Benzo(a)anthracene
Concen: 45.14 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.08 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	26.5	21.8	32.8
229	19.4	15.3	22.9





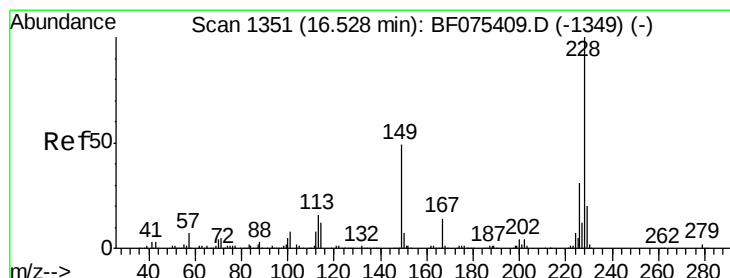
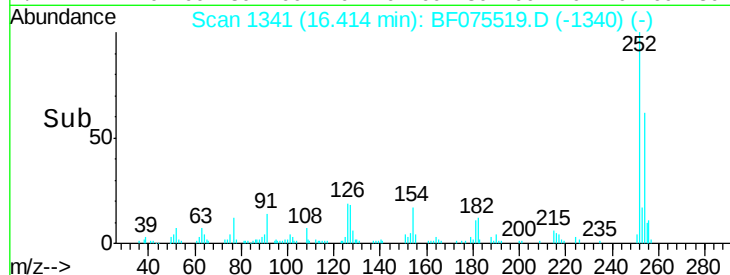
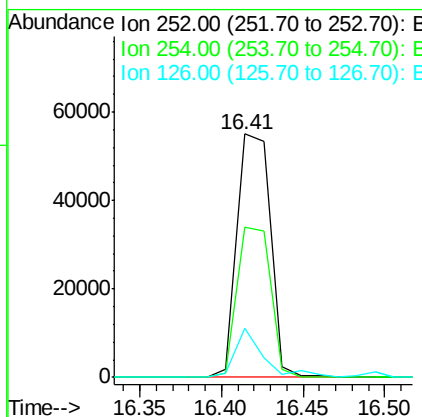
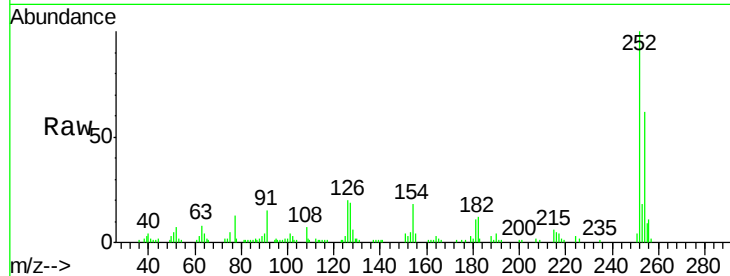
#81
 3,3'-Dichlorobenzidine
 Concen: 22.51 ng
 RT: 16.41 min Scan# 1341
 Delta R.T. -0.09 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.6	50.0	75.0
126	20.1	16.0	24.0

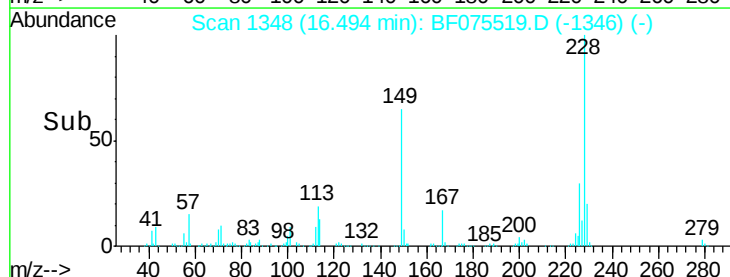
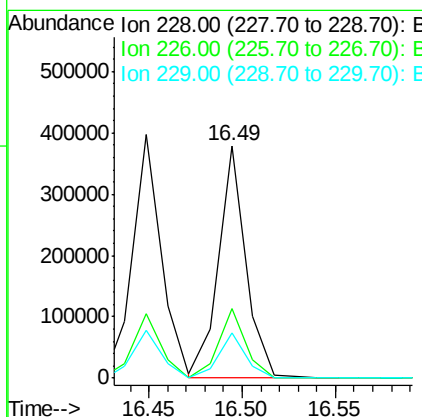
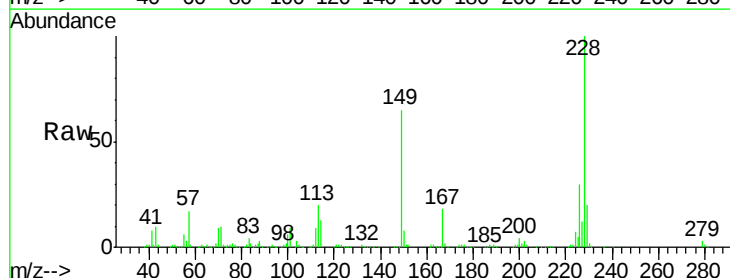
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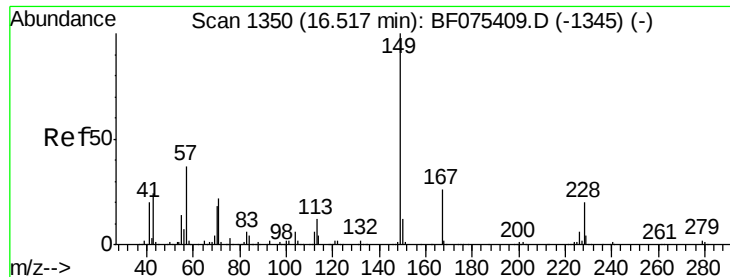
mohammad
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#82
 Chrysene
 Concen: 47.65 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. -0.08 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	23.8	35.6
229	19.7	15.8	23.6





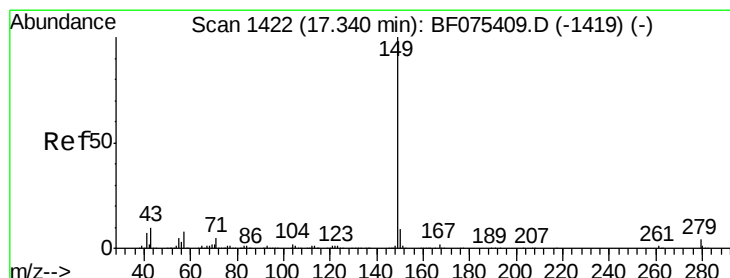
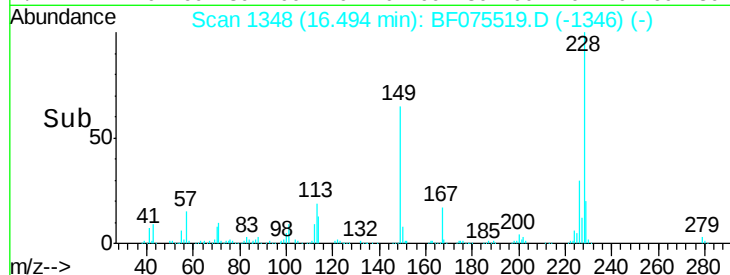
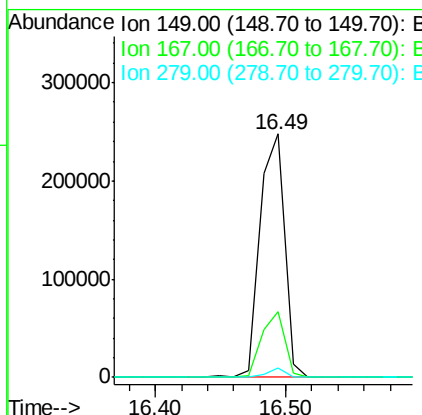
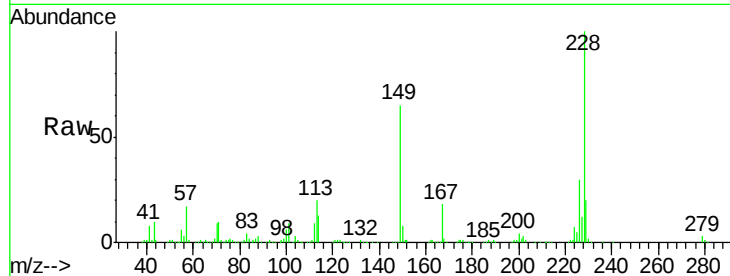
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.83 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. -0.08 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	328277		
167	27.0		21.4	32.2
279	3.9		2.8	4.2

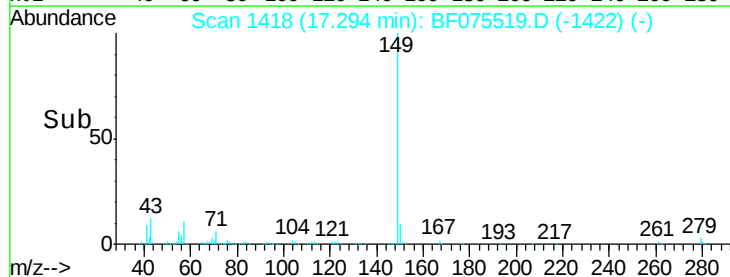
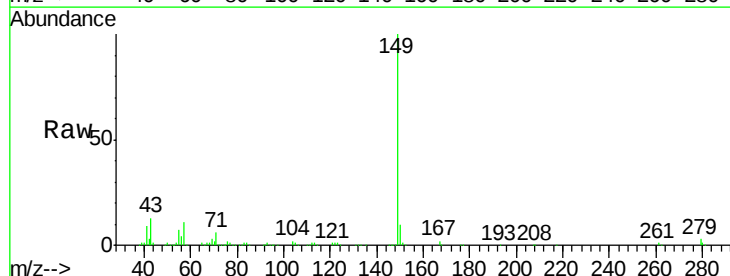
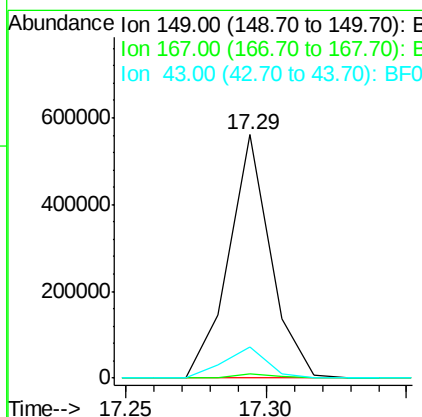
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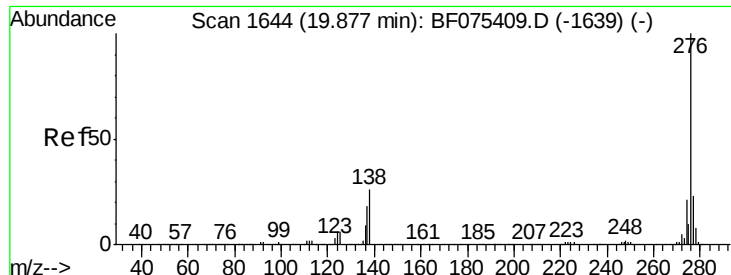
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 36.19 ng m
 RT: 17.29 min Scan# 1418
 Delta R.T. -0.15 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	583598		
167	1.4		1.1	1.7
43	9.4		11.0	16.4#





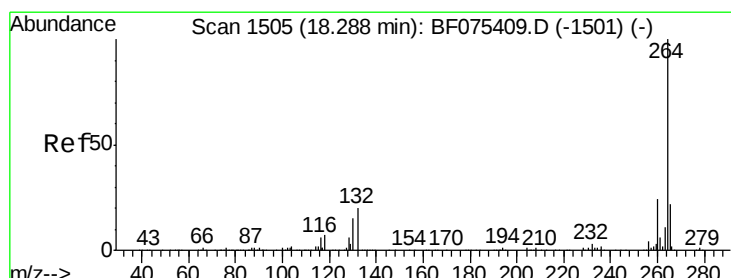
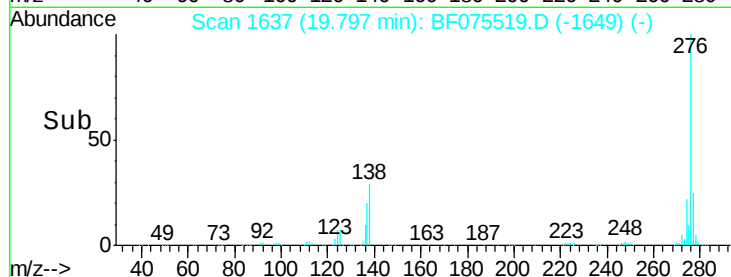
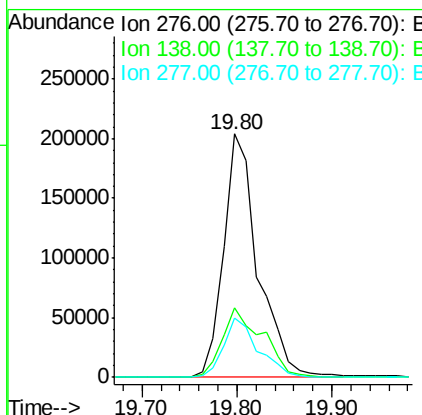
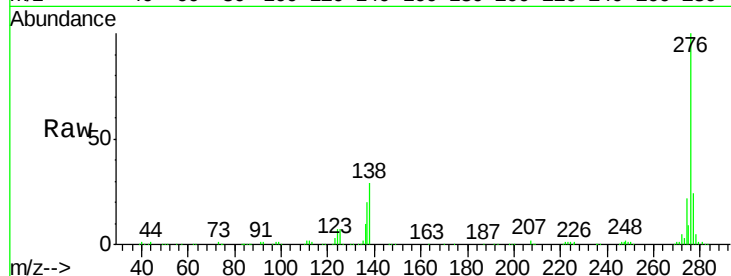
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.62 ng/ml
RT: 19.80 min Scan# 1637
Delta R.T. -0.24 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleID :
PB80238BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100		516685		
138	0.0	0.0	0.0		
277	0.0	0.0	0.0		

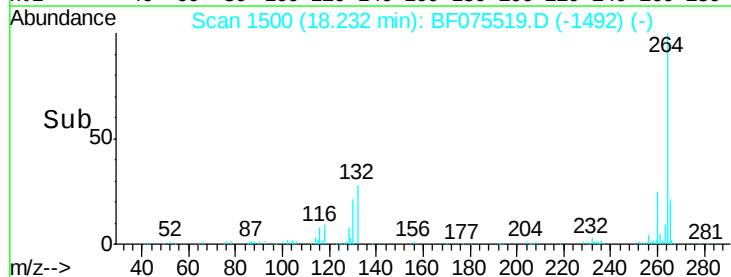
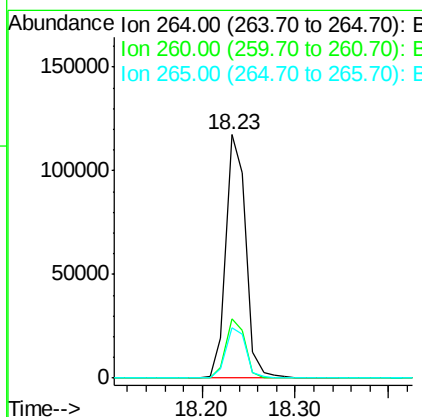
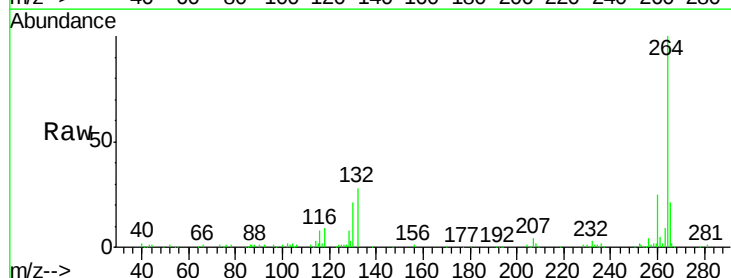
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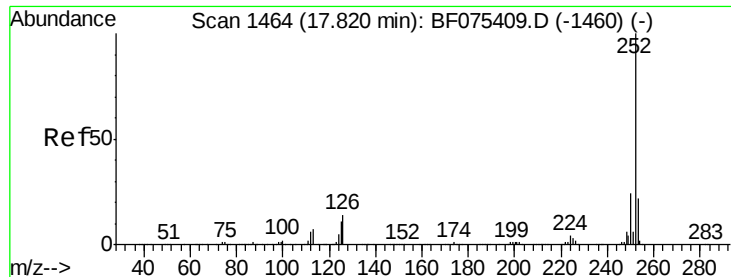
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.23 min Scan# 1500
Delta R.T. -0.21 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		174580		
260	24.5	17.9	26.9		
265	20.7	16.3	24.5		





#87

Benzo(b)fluoranthene

Concen: 46.54 ng

RT: 17.77 min Scan# 1460

Delta R.T. -0.17 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

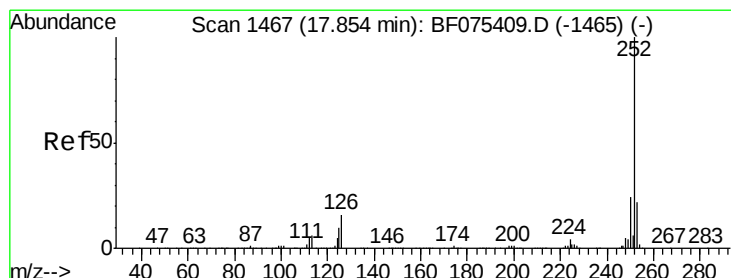
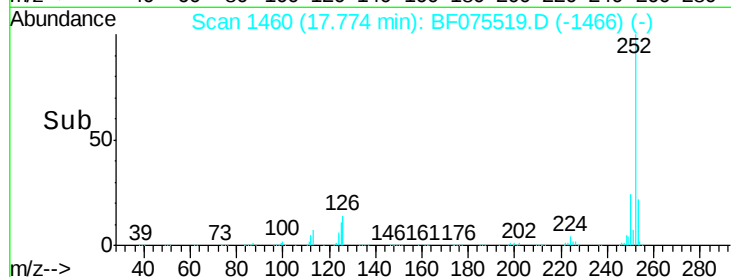
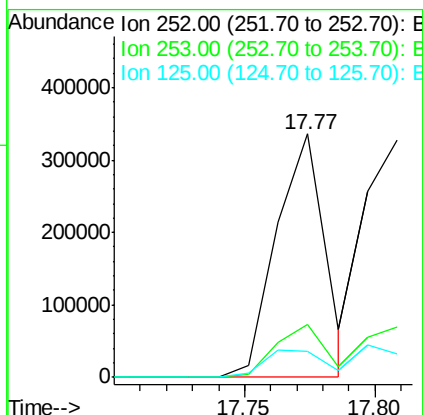
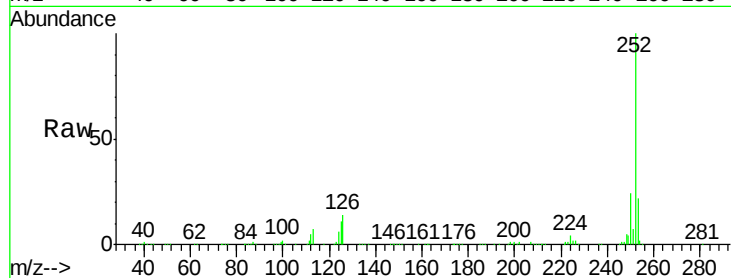
ClientSampleId :

PB80238BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.8	11.8	17.6#

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#88

Benzo(k)fluoranthene

Concen: 51.89 ng m

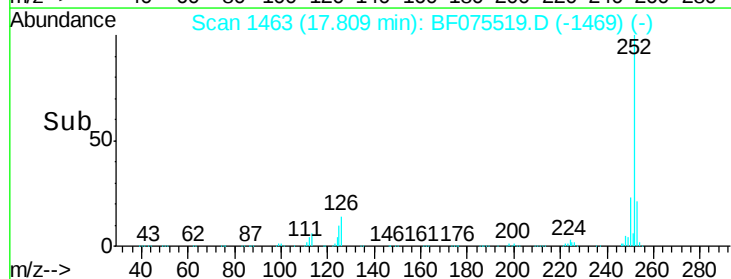
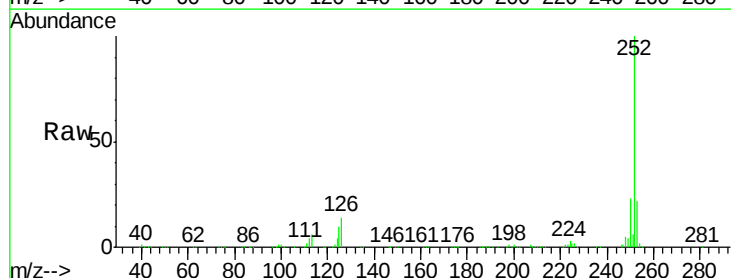
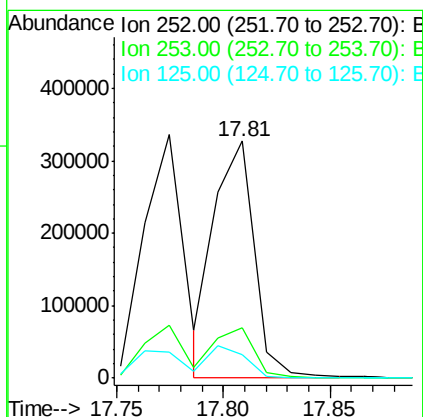
RT: 17.81 min Scan# 1463

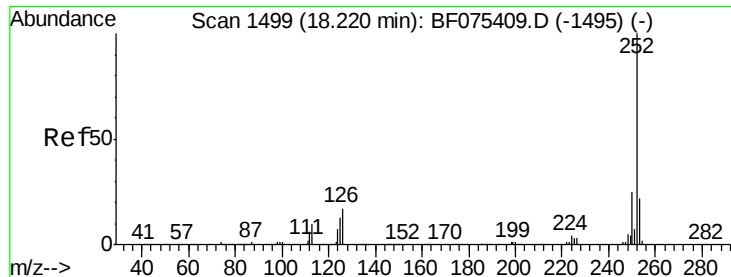
Delta R.T. -0.17 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	9.6	11.6	17.4#





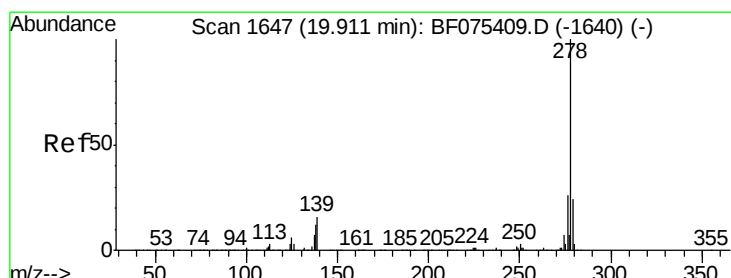
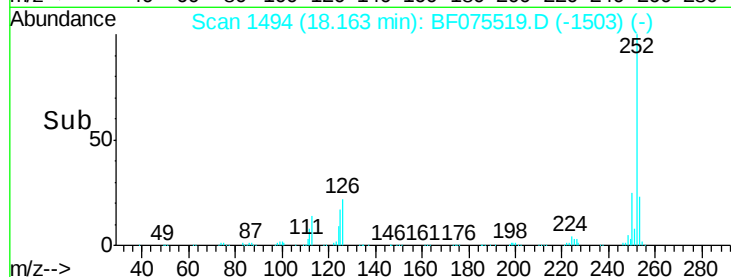
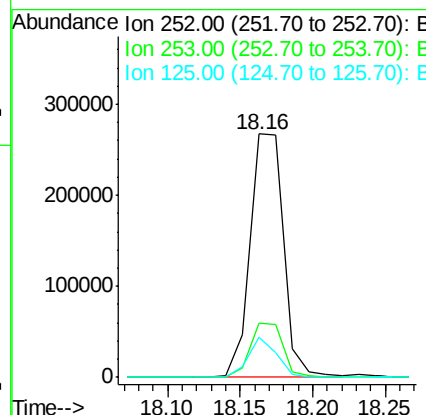
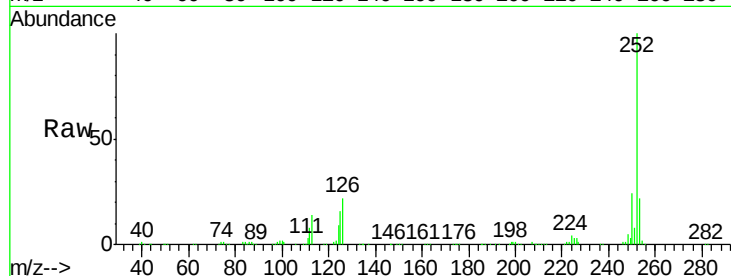
#89
Benzo(a)pyrene
Concen: 51.33 ng
RT: 18.16 min Scan# 1494
Delta R.T. -0.21 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	16.5	12.2	18.4

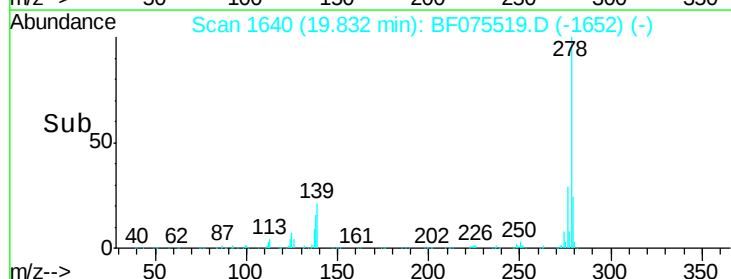
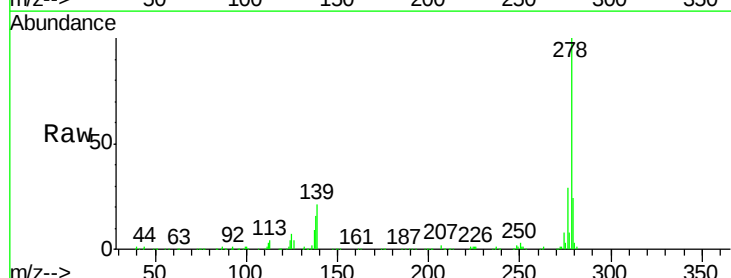
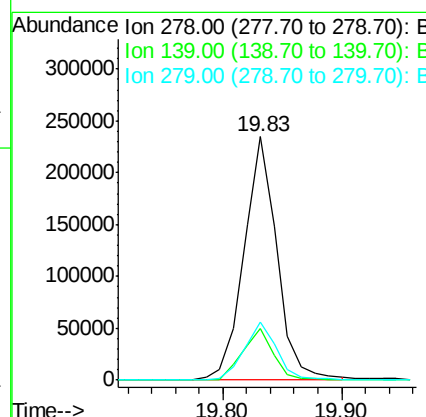
Manual Integrations
APPROVED

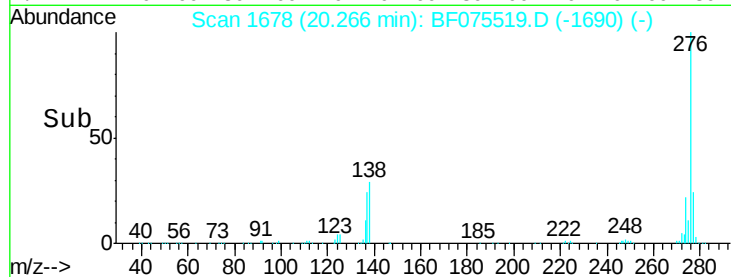
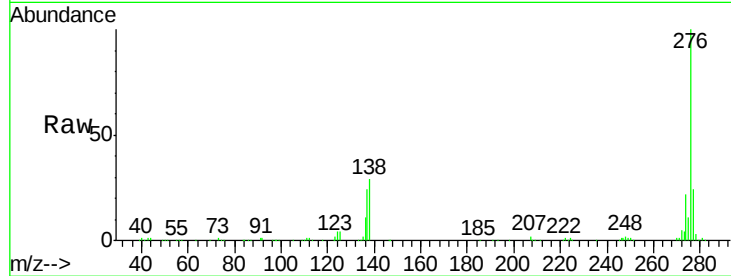
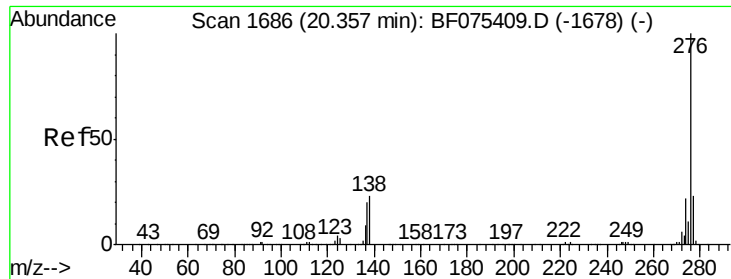
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 51.61 ng
RT: 19.83 min Scan# 1640
Delta R.T. -0.24 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	13.6	20.4#
279	24.0	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 53.79 ng
 RT: 20.27 min Scan# 1678
 Delta R.T. -0.24 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.8
138	28.7	22.8	34.2

Manual Integrations
 APPROVED

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