

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075517.D
 Acq On : 15 Nov 2014 2:13
 Operator : TP / JJ
 Sample : PB80280BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:35:36 PM

Quant Time: Nov 17 11:21:47 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	7.56	152	52208	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	223356	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	113788	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	189481	20.00	ng	-0.03
75) Chrysene-d12	16.45	240	193053	20.00	ng	-0.09
86) Perylene-d12	18.19	264	194258	20.00	ng	-0.25

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	448141	151.64	ng	-0.02
7) Phenol-d6	7.10	99	568920	160.09	ng	-0.01
23) Nitrobenzene-d5	8.24	82	310625	101.96	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	135488	142.16	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	613819	97.48	ng	-0.01
78) Terphenyl-d14	15.16	244	657833m	91.74	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	49757	40.11	ng	95
3) Pyridine	3.28	79	115720m	34.71	ng	
4) n-Nitrosodimethylamine	3.19	42	81050m	45.93	ng	
6) Aniline	7.13	93	145567	28.36	ng	98
8) 2-Chlorophenol	7.28	128	154828	45.27	ng	94
9) Benzaldehyde	7.00	77	9926	4.15	ng	99
10) Phenol	7.11	94	216286	49.89	ng	88
11) bis(2-Chloroethyl)ether	7.24	93	162629	49.53	ng	# 82
12) 1,3-Dichlorobenzene	7.48	146	161055	43.21	ng	98
13) 1,4-Dichlorobenzene	7.57	146	165171	43.56	ng	98
14) 1,2-Dichlorobenzene	7.76	146	154377	43.42	ng	# 92
15) Benzyl Alcohol	7.73	79	125701	45.06	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.91	45	315080	46.35	ng	94
17) 2-Methylphenol	7.86	107	127853	45.15	ng	98
18) Hexachloroethane	8.17	117	58218	44.77	ng	96
19) n-Nitroso-di-n-propylamine	8.06	70	110372	45.58	ng	98
20) 3+4-Methylphenols	8.06	107	165049	44.52	ng	88
22) Acetophenone	8.06	105	222933	46.27	ng	96
24) Nitrobenzene	8.26	77	173903	49.26	ng	99
25) Isophorone	8.56	82	320221	46.04	ng	99
26) 2-Nitrophenol	8.65	139	74733	46.45	ng	96
27) 2,4-Dimethylphenol	8.71	122	146119	46.86	ng	98
28) bis(2-Chloroethoxy)methane	8.84	93	203299	47.96	ng	99
29) 2,4-Dichlorophenol	8.95	162	121979	44.66	ng	95
30) 1,2,4-Trichlorobenzene	9.06	180	123949	43.21	ng	98
31) Naphthalene	9.16	128	472173	47.42	ng	100
32) Benzoic acid	8.80	122	98310m	52.19	ng	
33) 4-Chloroaniline	9.22	127	104808	24.22	ng	99
34) Hexachlorobutadiene	9.32	225	64754	41.78	ng	97
35) Caprolactam	9.65	113	43554	48.11	ng	# 69
36) 4-Chloro-3-methylphenol	9.82	107	134628	44.92	ng	92
37) 2-Methylnaphthalene	10.01	142	308291	45.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	113344	48.46	ng	98
40) Hexachlorocyclopentadiene	10.21	237	127085	89.44	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	81719	43.93	nq	98
43) 2,4,5-Trichlorophenol	10.41	196	85321	44.04	nq	97
45) 1,1'-Biphenyl	10.60	154	360464	46.96	nq	99
46) 2-Chloronaphthalene	10.62	162	289867	48.30	nq	97
47) 2-Nitroaniline	10.74	65	92790	51.39	nq	# 86
48) Acenaphthylene	11.13	152	476465	48.15	nq	99
49) Dimethylphthalate	10.98	163	358768	46.12	nq	99
50) 2,6-Dinitrotoluene	11.05	165	72632	47.41	nq	86
51) Acenaphthene	11.35	154	316829	53.04	nq	97
52) 3-Nitroaniline	11.26	138	74014	40.97	nq	# 85
53) 2,4-Dinitrophenol	11.38	184	70592	81.54	nq	87
54) Dibenzofuran	11.57	168	409982	48.03	nq	93
55) 4-Nitrophenol	11.45	139	145284	100.60	nq	94
56) 2,4-Dinitrotoluene	11.56	165	101073	50.21	nq	91
57) Fluorene	11.99	166	333706	48.34	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	73233	47.63	nq	95
59) Diethylphthalate	11.86	149	348676	43.20	nq	96
60) 4-Chlorophenyl-phenylether	12.00	204	138568	46.68	nq	# 86
61) 4-Nitroaniline	12.01	138	86902	48.12	nq	83
62) Azobenzene	12.20	77	332196	46.78	nq	90
64) 4,6-Dinitro-2-methylphenol	12.05	198	45351	47.32	nq	# 48
65) n-Nitrosodiphenylamine	12.14	169	271543	45.31	nq	100
66) 4-Bromophenyl-phenylether	12.61	248	87421	49.04	nq	# 89
67) Hexachlorobenzene	12.68	284	95828	47.34	nq	# 83
68) Atrazine	12.81	200	68686	36.93	nq	97
69) Pentachlorophenol	12.92	266	118565	93.31	nq	99
70) Phenanthrene	13.19	178	500921	50.23	nq	99
71) Anthracene	13.26	178	512995	49.77	nq	98
72) Carbazole	13.45	167	480481	47.64	nq	98
73) Di-n-butylphthalate	13.90	149	596571	42.82	nq	100
74) Fluoranthene	14.67	202	518222	48.52	nq	97
76) Benzidine	14.84	184	60494m	9.85	nq	
77) Pyrene	14.95	202	550849m	49.08	nq	
79) Butylbenzylphthalate	15.76	149	267526	42.44	nq	# 82
80) Benzo(a)anthracene	16.44	228	504612	49.76	nq	99
81) 3,3'-Dichlorobenzidine	16.41	252	149958	40.05	nq	# 91
82) Chrysene	16.48	228	451643	51.49	nq	98
83) Bis(2-ethylhexyl)phthalate	16.48	149	392890	39.57	nq	100
84) Di-n-octyl phthalate	17.26	149	685212m	39.20	nq	
85) Indeno(1,2,3-cd)pyrene	19.75	276	593137m	55.74	nq	
87) Benzo(b)fluoranthene	17.73	252	504969	48.62	nq	# 96
88) Benzo(k)fluoranthene	17.76	252	525196m	56.35	nq	
89) Benzo(a)pyrene	18.12	252	496623	53.44	nq	97
90) Dibenzo(a,h)anthracene	19.77	278	523499	53.94	nq	# 96
91) Benzo(g,h,i)perylene	20.21	276	523362	56.60	nq	98

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

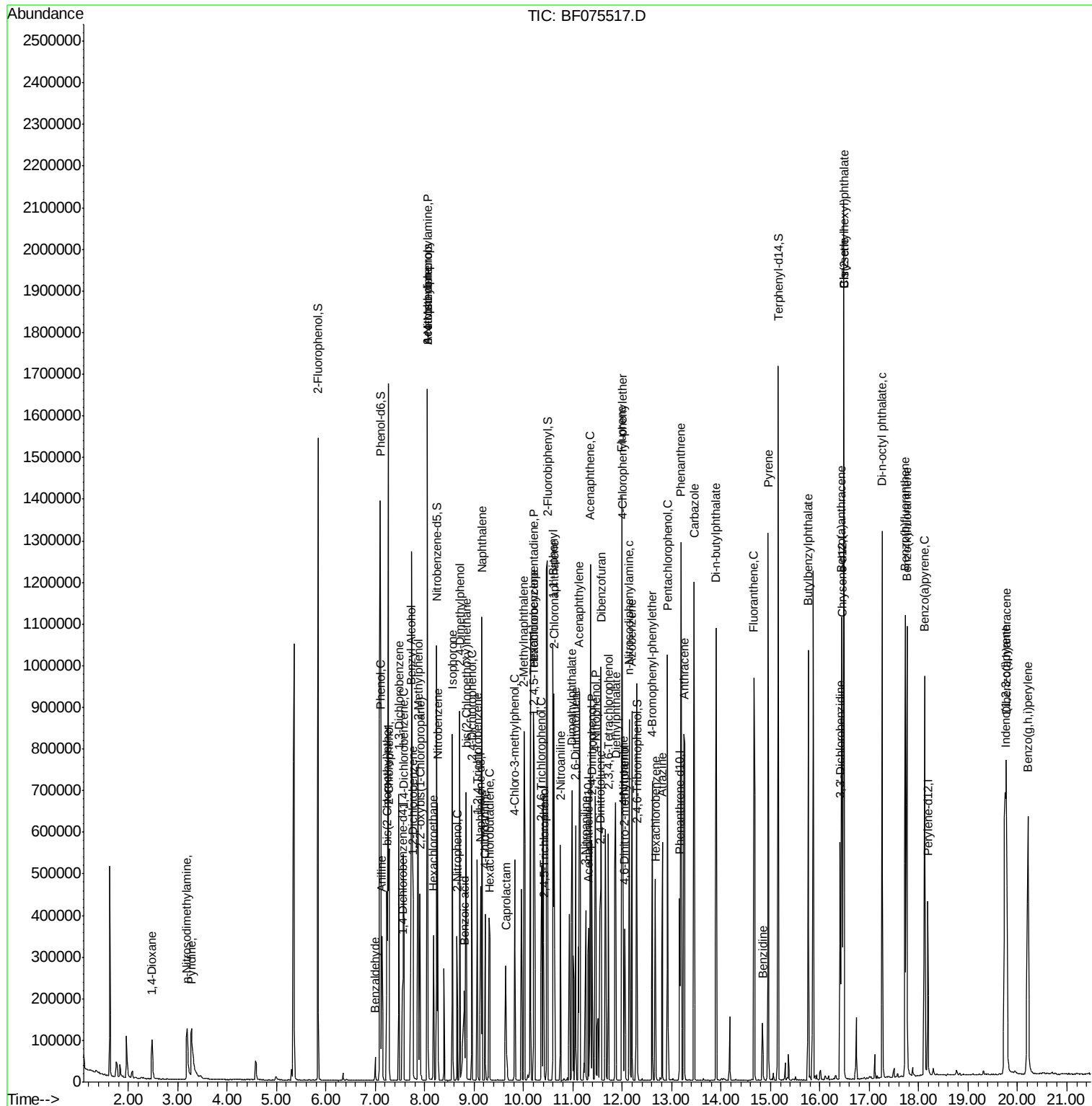
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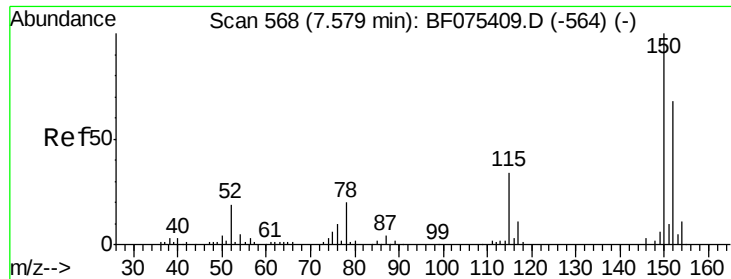
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

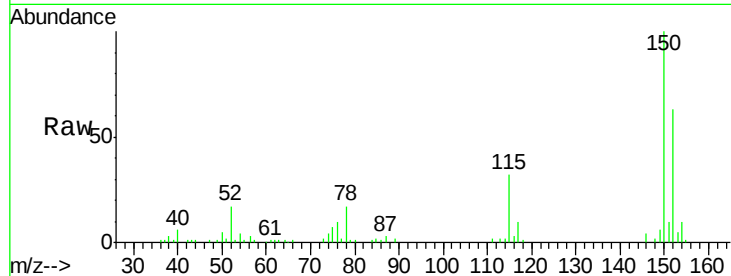
ClientSampleId :

PB80280BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.2	190.8
115	50.9	57.1	85.7

Manual Integrations
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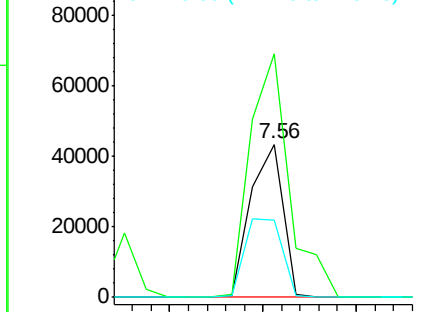
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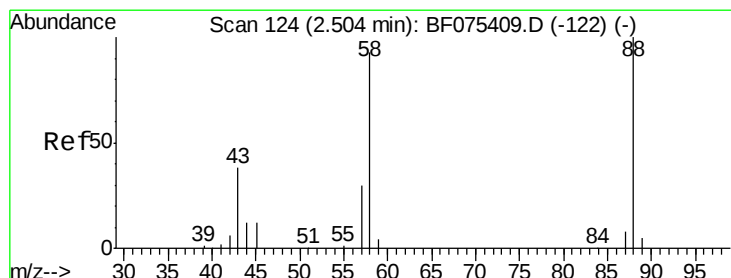
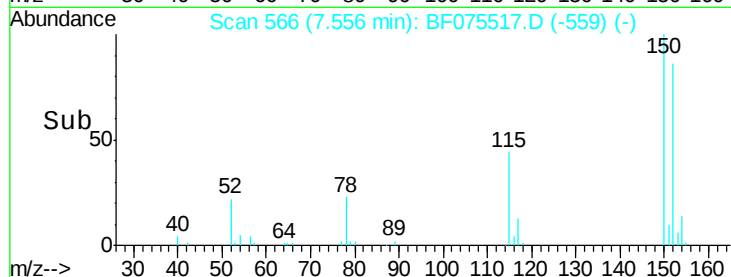
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 40.11 ng

RT: 2.48 min Scan# 122

Delta R.T. -0.05 min

Lab File: BF075517.D

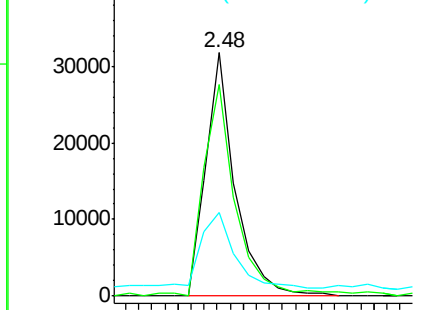
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.3	73.5	110.3
43	33.8	31.9	47.9

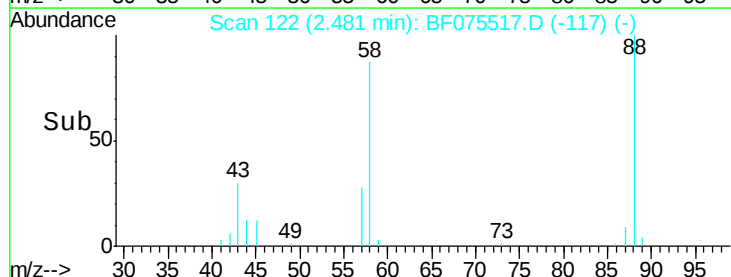
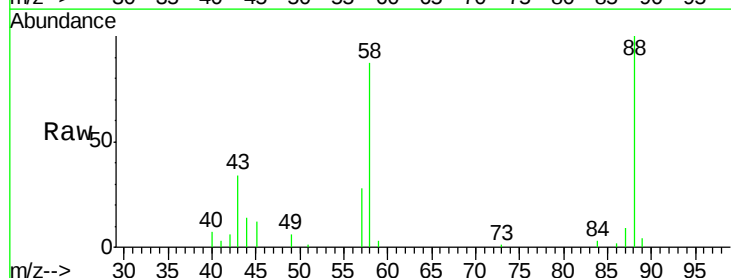
Abundance Ion 88.00 (87.70 to 88.70): BF0

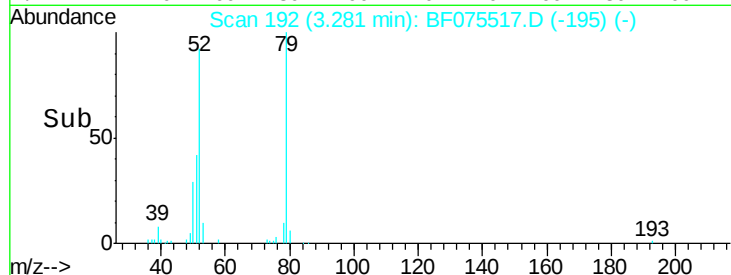
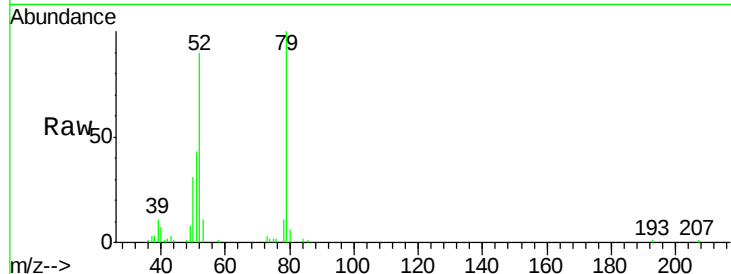
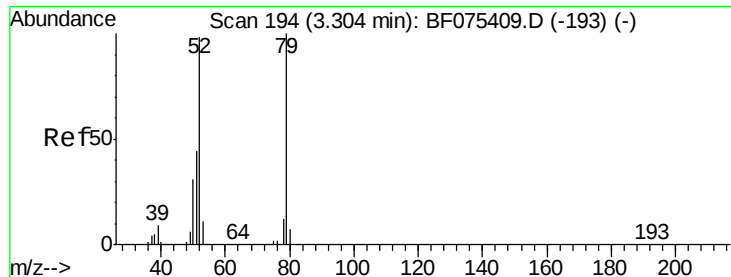
Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->





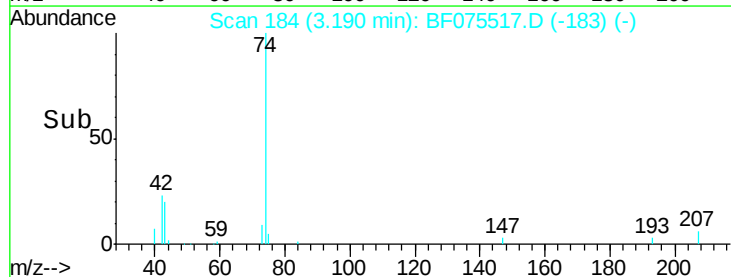
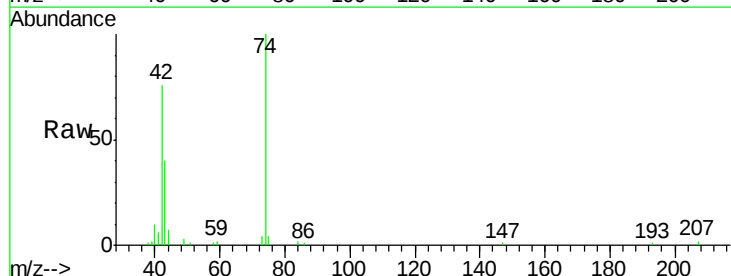
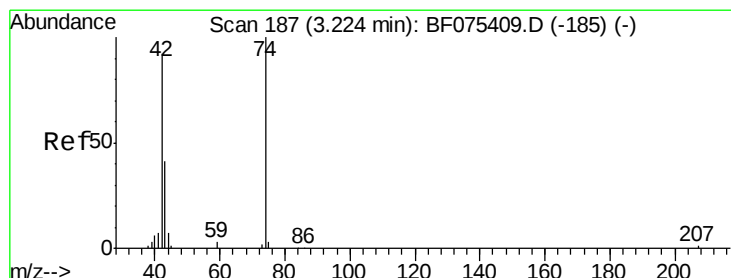
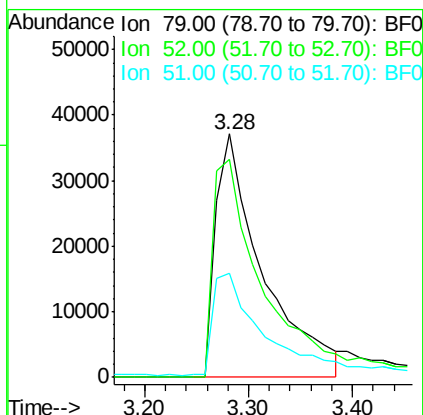
#3
 Pvridine
 Concen: 34.71 ng m
 RT: 3.28 min Scan# 192
 Delta R.T. -0.14 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tot Ion:	79	Resp:	115720
Ion Ratio	Lower	Upper	
79	100		
52	89.8	76.6	115.0
51	42.5	37.0	55.4

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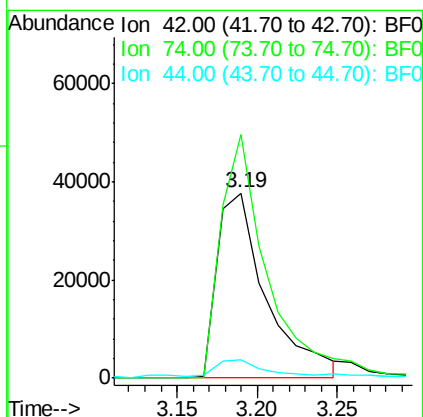
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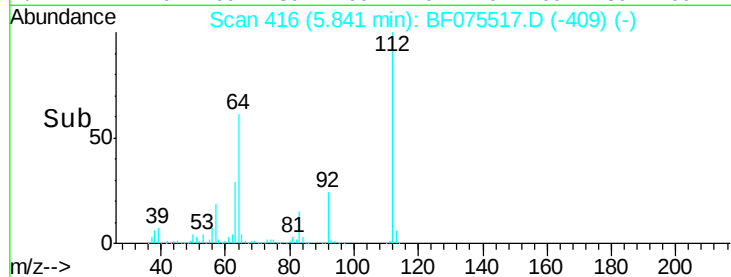
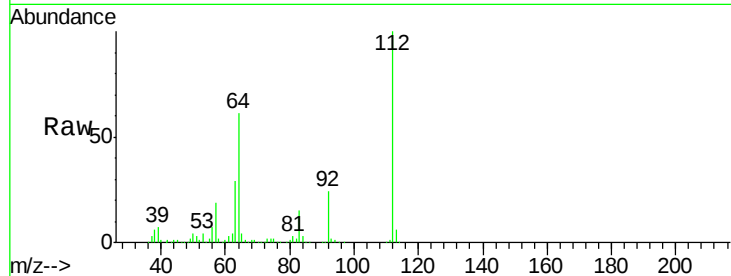
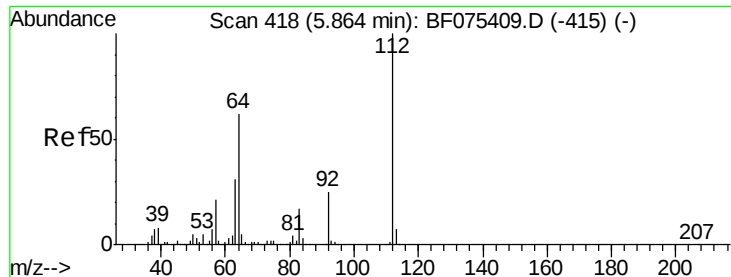
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#4
 n-Nitrosodimethylamine
 Concen: 45.93 ng m
 RT: 3.19 min Scan# 184
 Delta R.T. -0.09 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion:	42	Resp:	81050
Ion Ratio	Lower	Upper	
42	100		
74	131.8	82.4	123.6#
44	9.7	8.2	12.4





#5

2-Fluorophenol

Concen: 151.64 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Tot Ion:	112	Resp:	448141
Ion Ratio	Lower	Upper	
112	100		
64	61.4	45.8	68.6
63	28.8	22.7	34.1

Instrument :

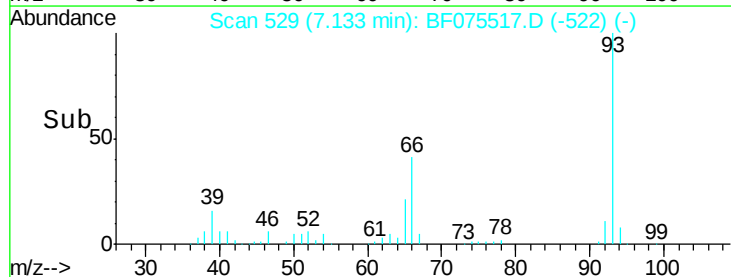
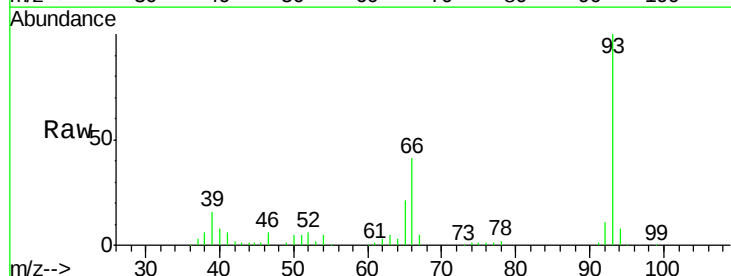
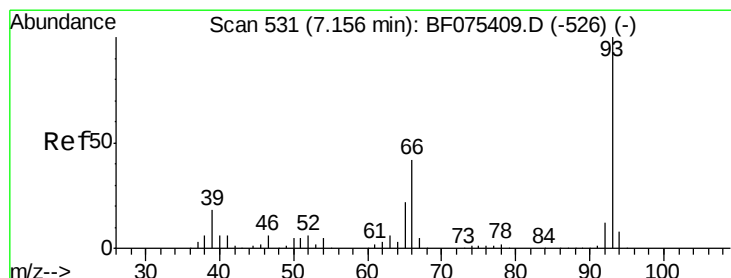
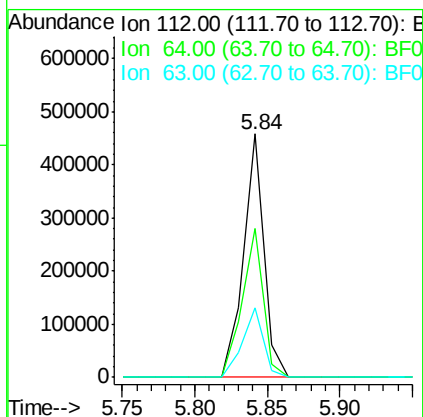
BNA_F

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#6

Aniline

Concen: 28.36 ng

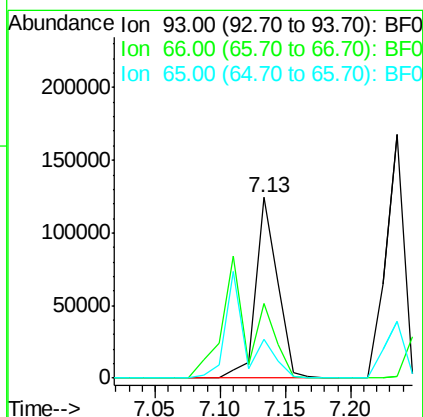
RT: 7.13 min Scan# 529

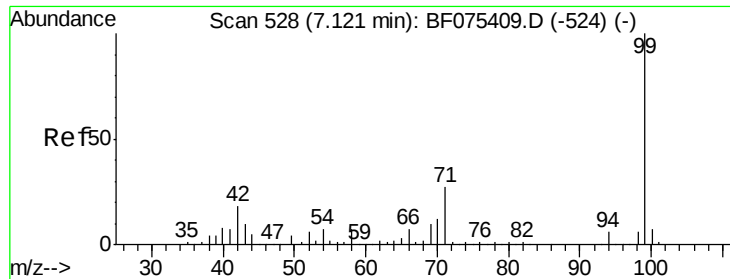
Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Tgt Ion:	93	Resp:	145567
Ion Ratio	Lower	Upper	
93	100		
66	41.5	31.8	47.8
65	21.3	16.6	25.0





#7

Phenol-d6

Concen: 160.09 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

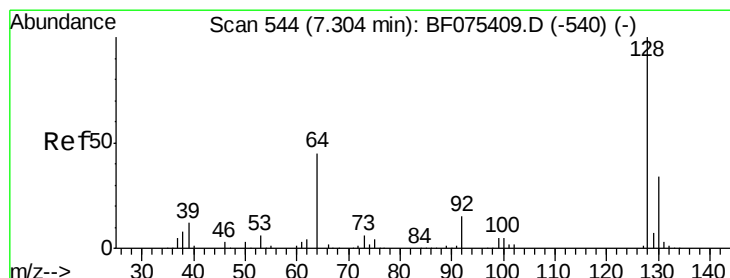
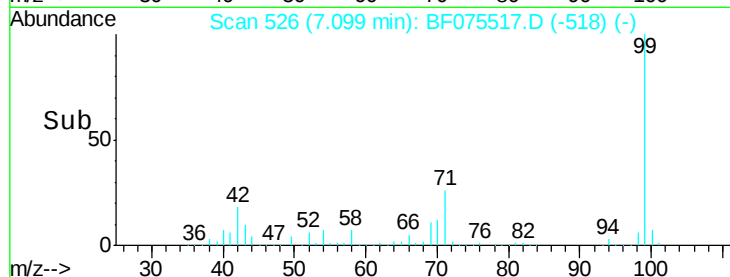
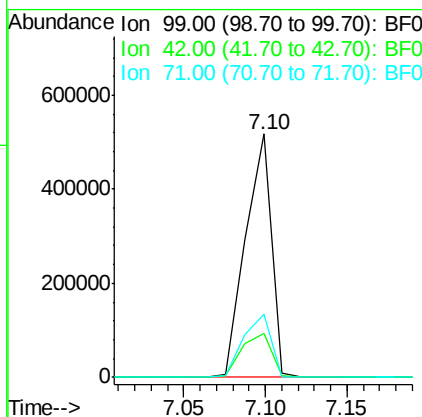
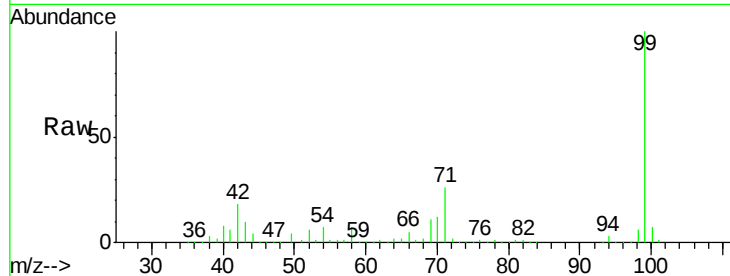
ClientSampleId :

PB80280BS

Tot Ion:	99	Resp:	568920
Ion Ratio	Lower	Upper	
99	100		
42	17.9	19.8	29.6#
71	25.9	25.5	38.3

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#8

2-Chlorophenol

Concen: 45.27 ng

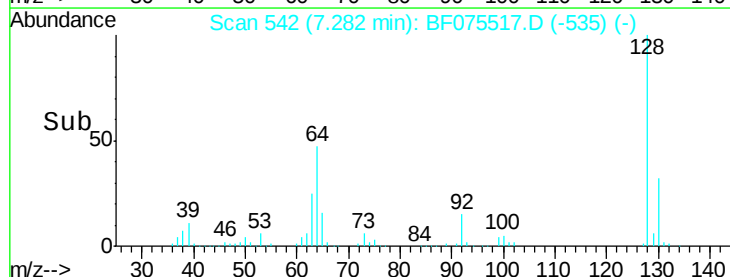
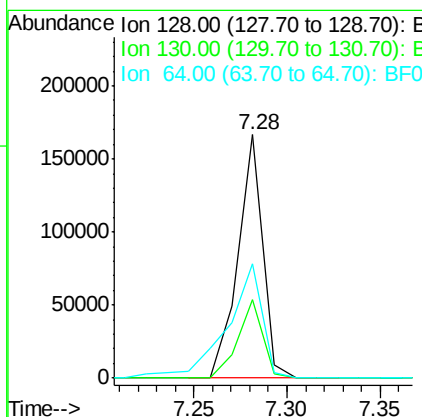
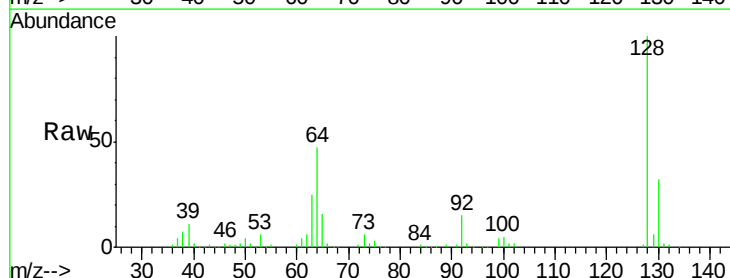
RT: 7.28 min Scan# 542

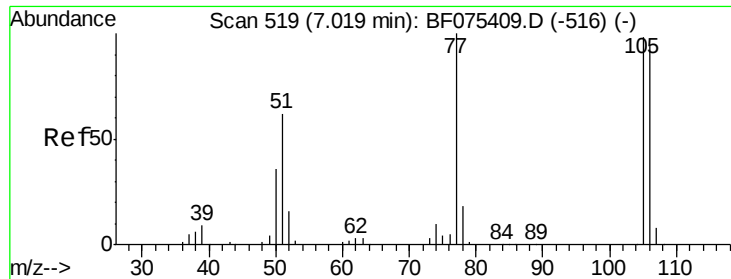
Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Tgt Ion:	128	Resp:	154828
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.7	52.7
64	46.9	20.3	60.3





#9

Benzaldehyde

Concen: 4.15 ng

RT: 7.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

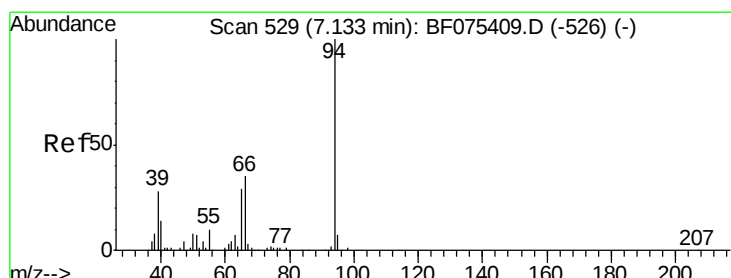
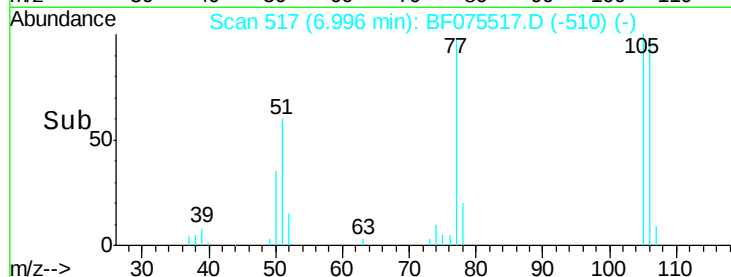
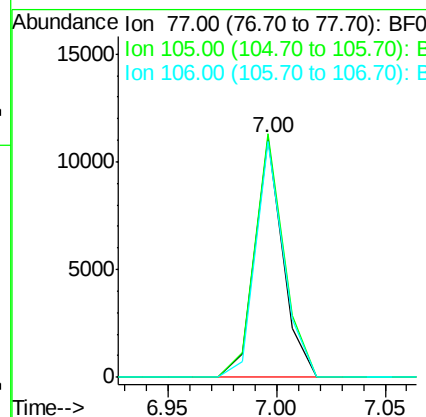
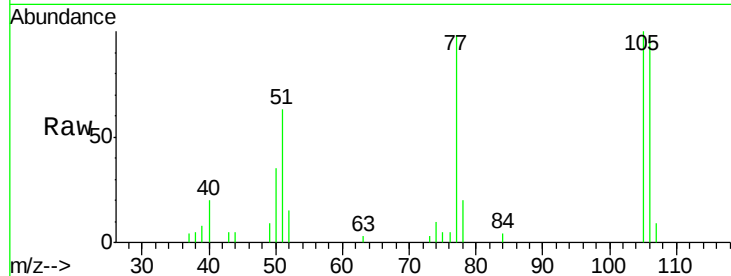
ClientSampleId :

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Tot Ion:	77	Resp:	9926
Ion	Ratio	Lower	Upper
77	100		
105	101.7	81.6	121.6
106	98.4	77.5	117.5

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#10

Phenol

Concen: 49.89 ng

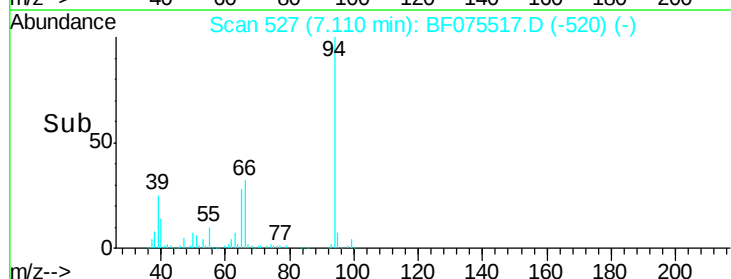
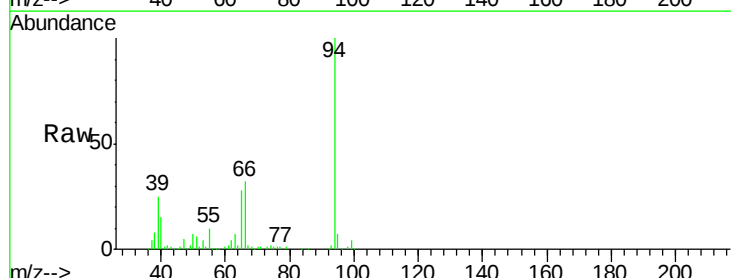
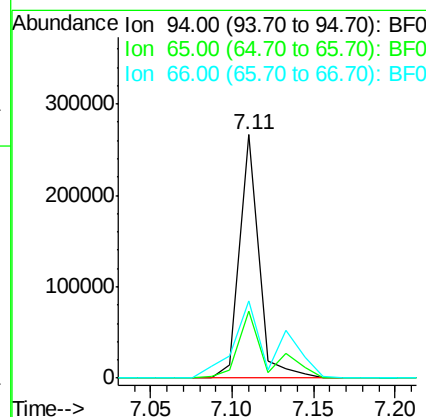
RT: 7.11 min Scan# 527

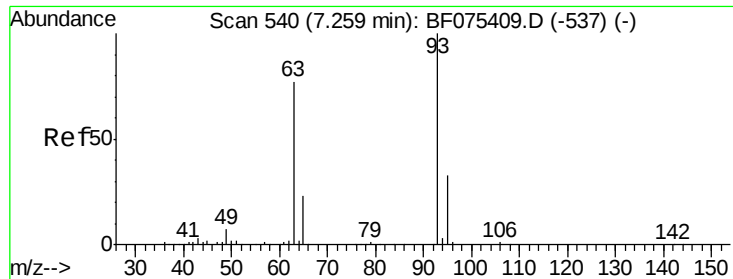
Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Tgt Ion:	94	Resp:	216286
Ion	Ratio	Lower	Upper
94	100		
65	27.7	13.1	53.1
66	31.7	20.8	60.8





#11

bis(2-Chloroethyl)ether

Concen: 49.53 ng

RT: 7.24 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

Tot Ion: 93 Resp: 162629

Ion Ratio Lower Upper

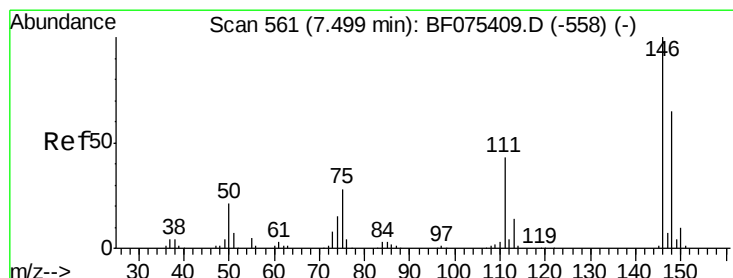
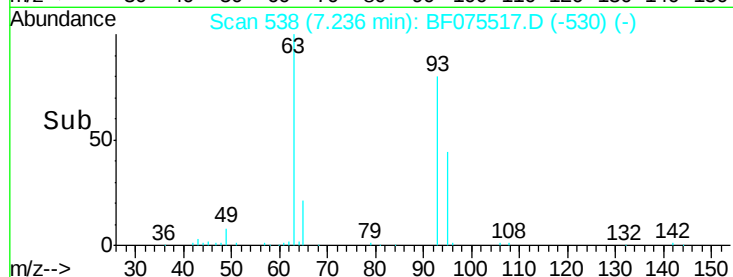
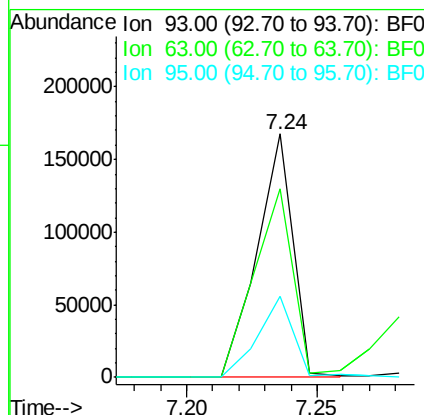
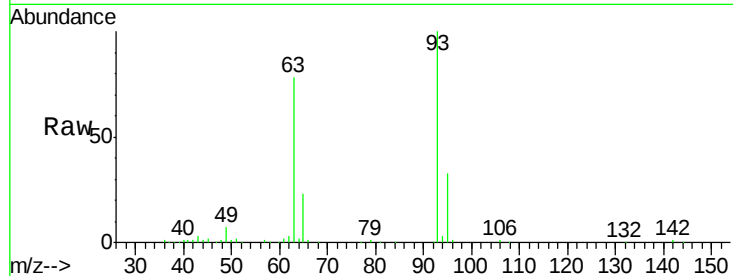
93 100

63 77.5 79.8 119.8#

95 33.3 11.2 51.2

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#12

1,3-Dichlorobenzene

Concen: 43.21 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

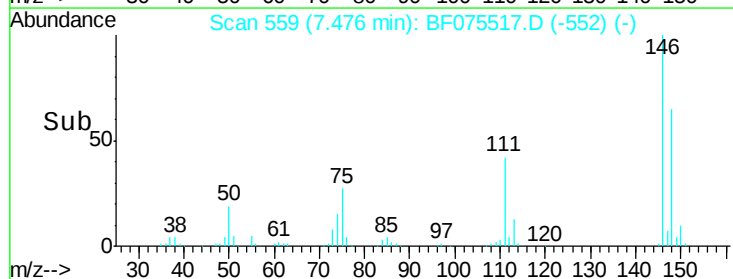
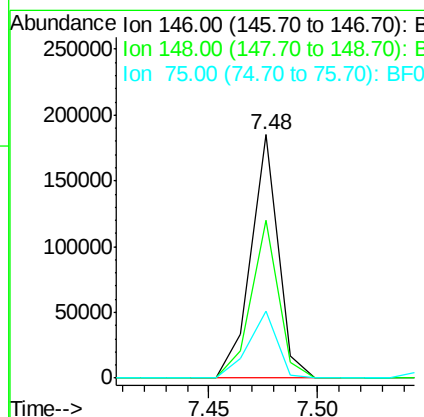
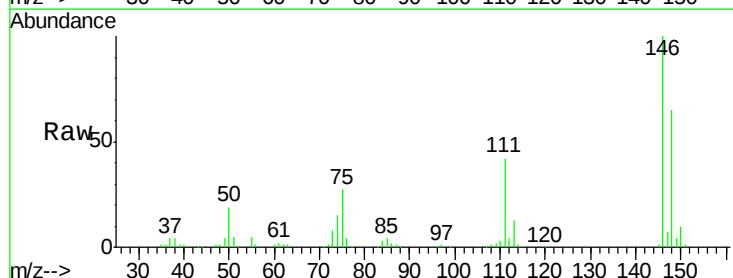
Tgt Ion: 146 Resp: 161055

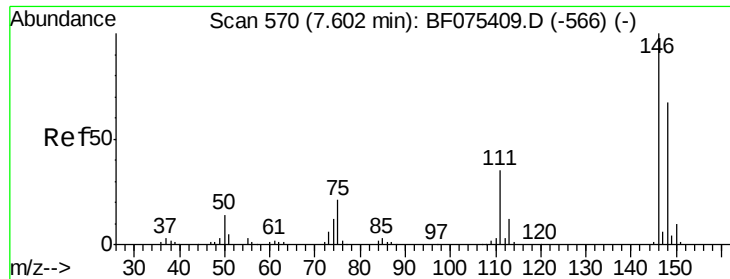
Ion Ratio Lower Upper

146 100

148 64.8 53.1 79.7

75 27.3 21.5 32.3





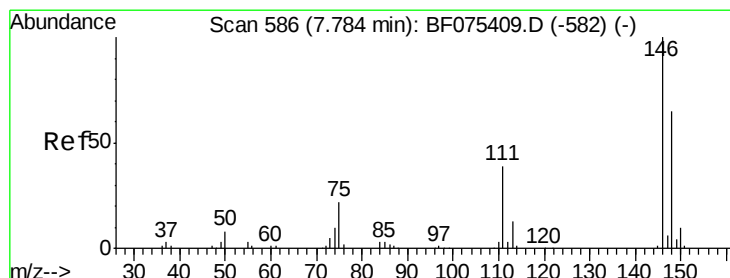
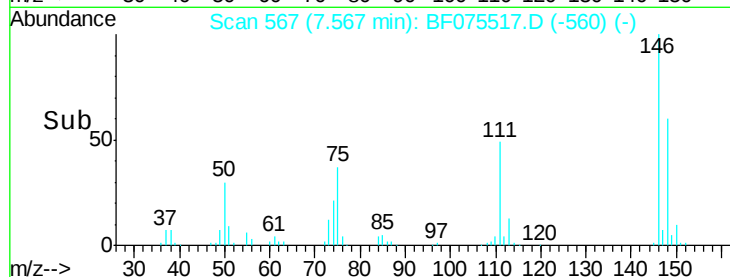
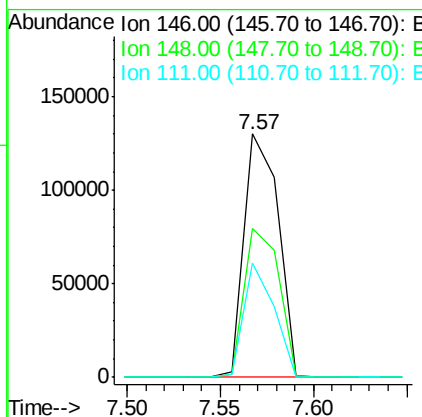
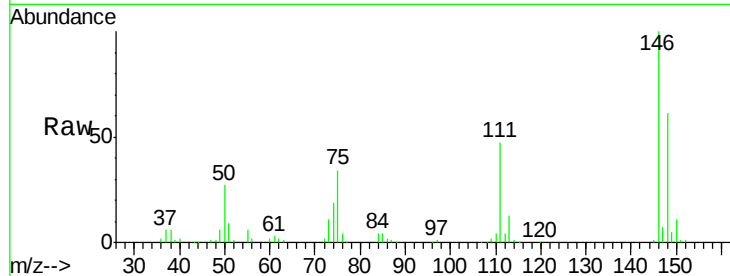
#13
 1,4-Dichlorobenzene
 Concen: 43.56 ng
 RT: 7.57 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	49.9	74.9
111	47.0	35.8	53.6

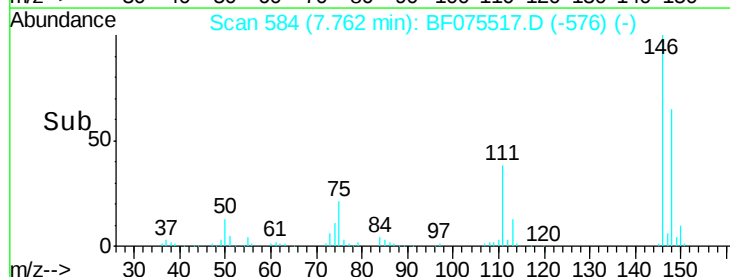
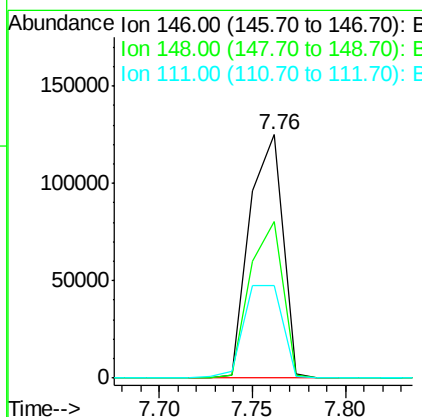
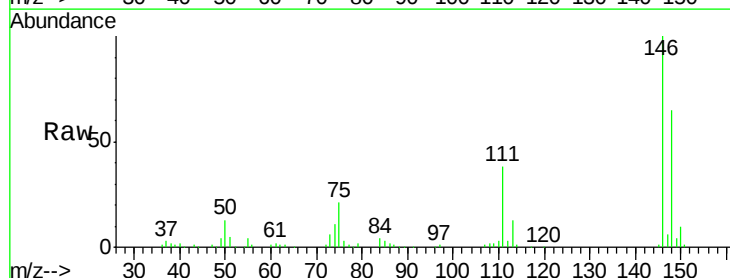
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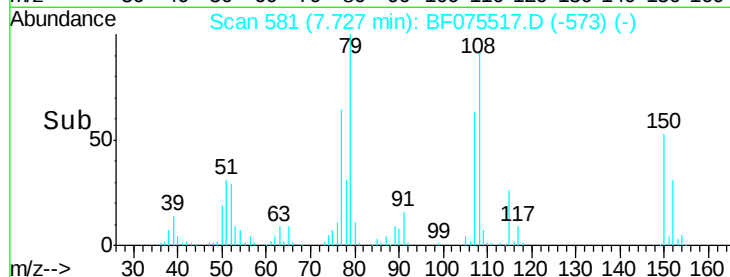
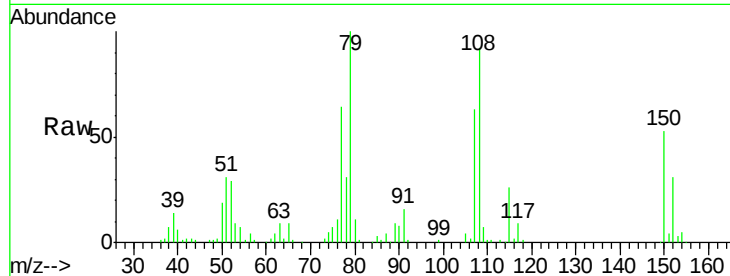
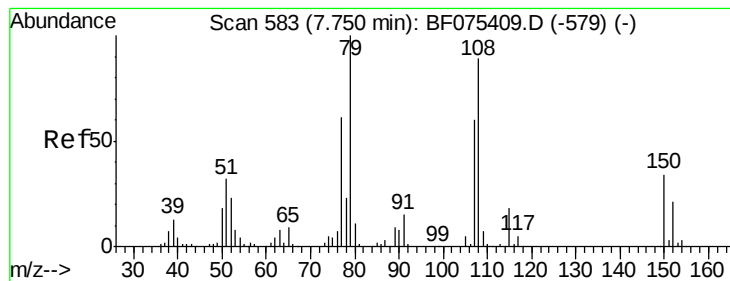
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.42 ng
 RT: 7.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.7	76.1
111	38.2	39.9	59.9#





#15

Benzyl Alcohol

Concen: 45.06 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Tot Ion:	79	Resp:	125701
Ion Ratio	Lower	Upper	
79	100		
108	92.2	75.5	113.3
77	64.1	52.1	78.1

Instrument :

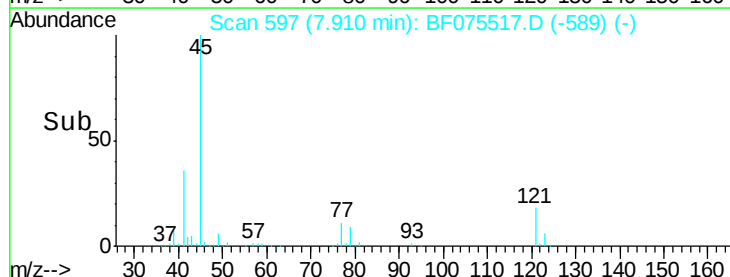
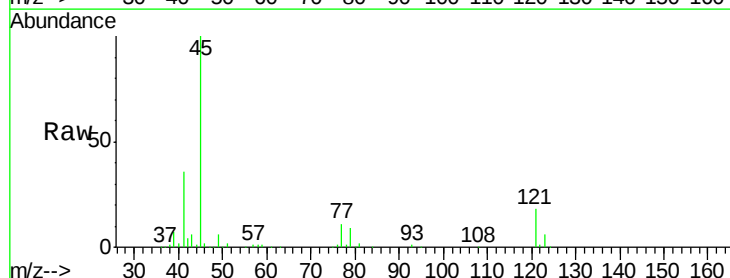
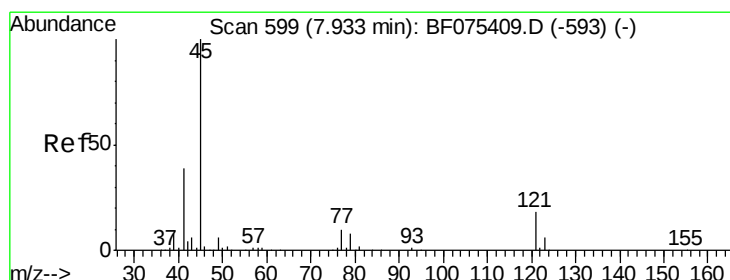
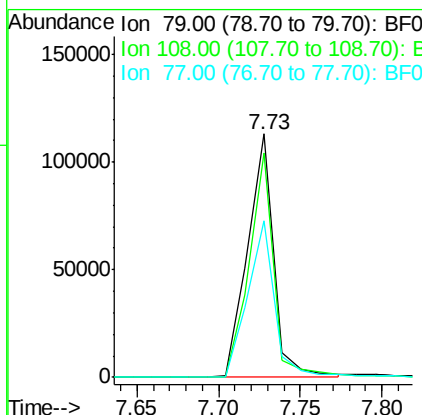
BNA_F

ClientSampleId :

PB80280BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.35 ng

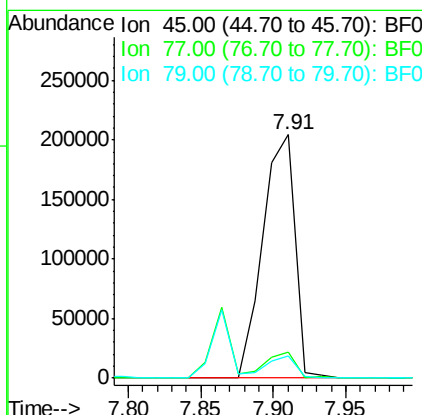
RT: 7.91 min Scan# 597

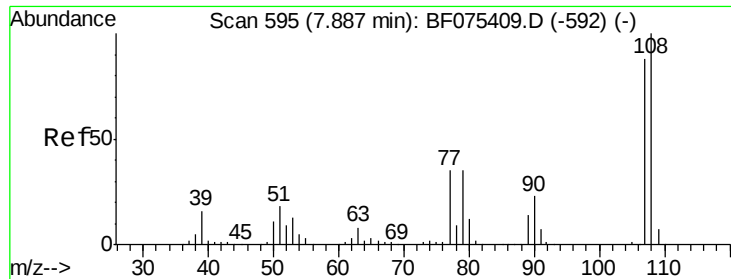
Delta R.T. -0.01 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Tgt Ion:	45	Resp:	315080
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	28.6
79	8.9	0.0	26.5





#17

2-Methylphenol

Concen: 45.15 ng

RT: 7.86 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

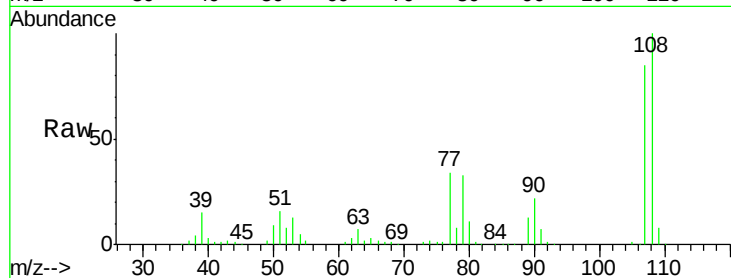
ClientSampleID :

PB80280BS

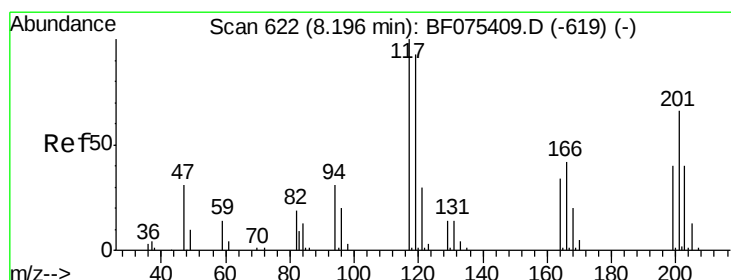
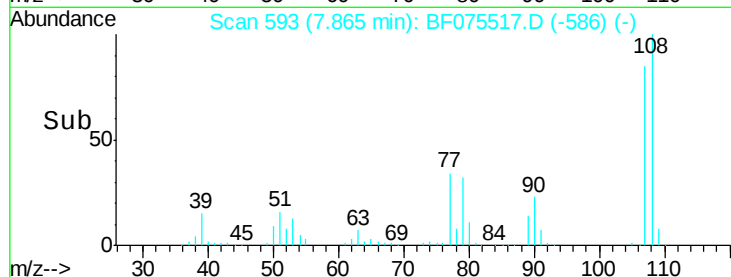
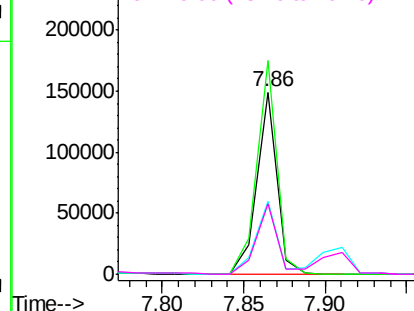
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.4	95.6	143.4	
77	40.1	30.2	45.4	
79	38.7	31.3	46.9	

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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: 44.77 ng

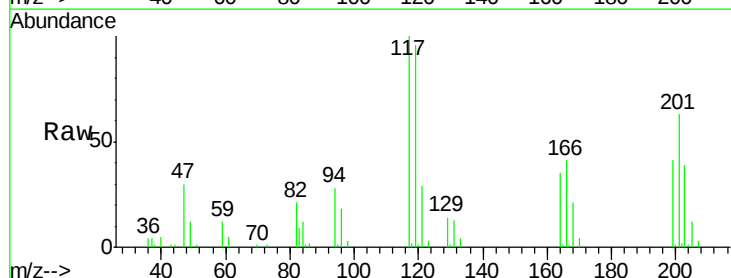
RT: 8.17 min Scan# 620

Delta R.T. -0.02 min

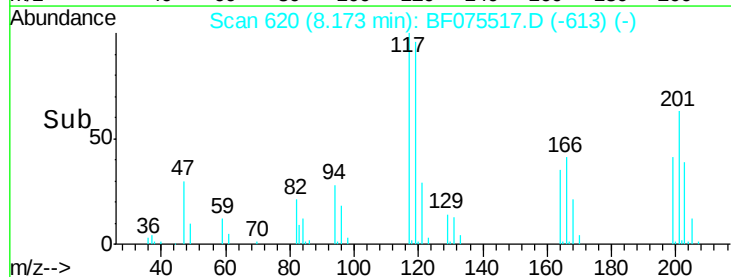
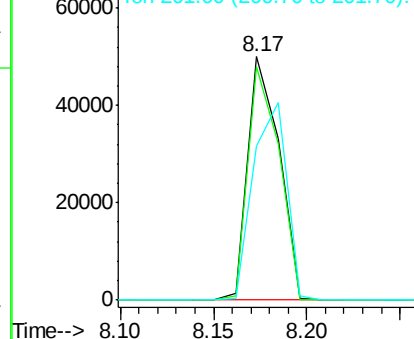
Lab File: BF075517.D

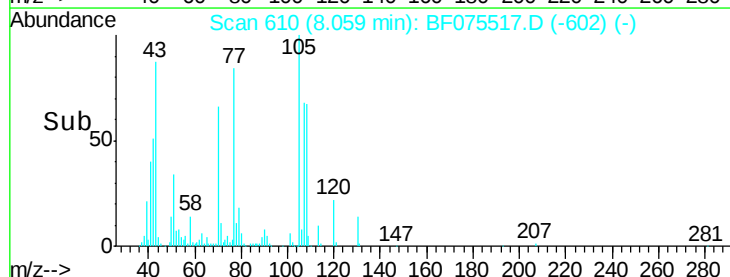
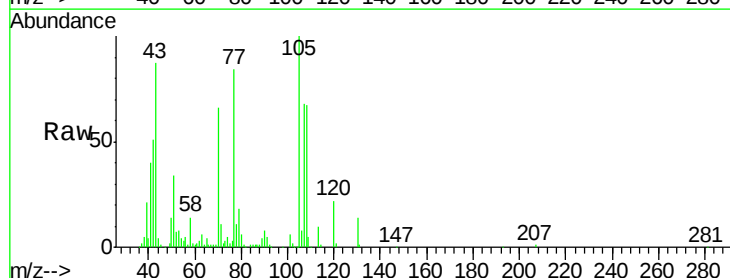
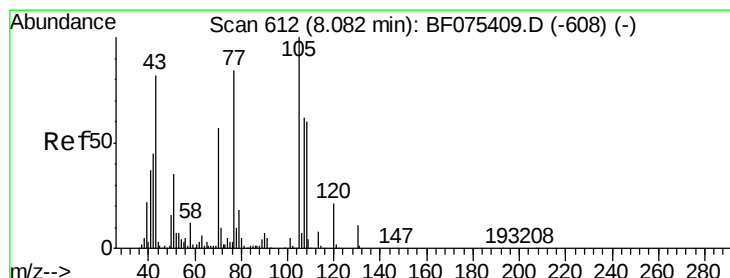
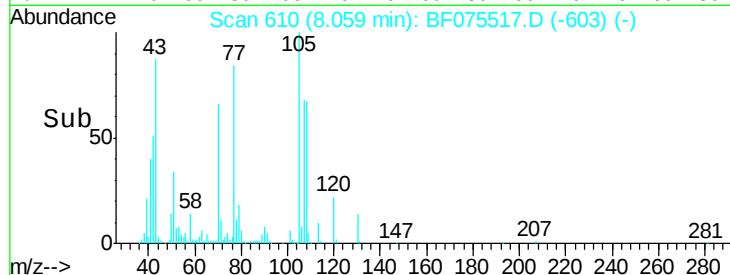
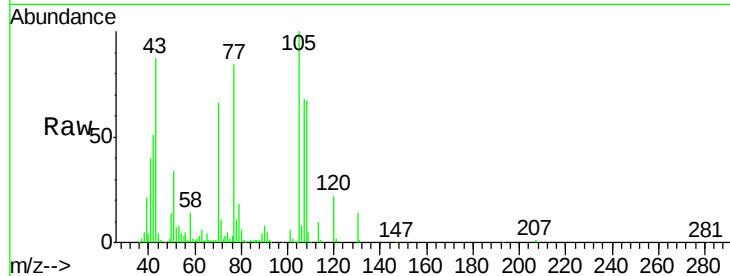
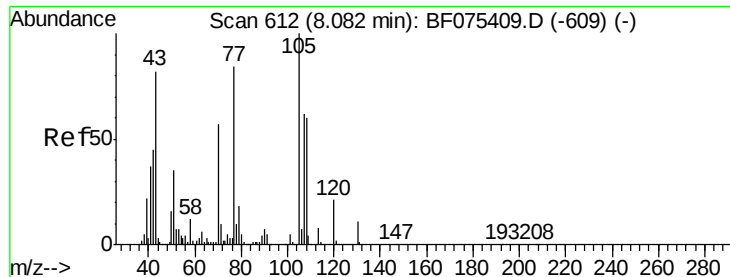
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	72.9	109.3	
201	63.2	48.2	72.4	



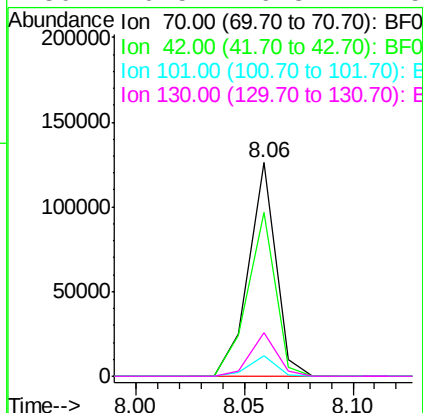
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 45.58 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	76.6	63.0	94.6	
101	9.8	7.5	11.3	
130	20.5	16.3	24.5	



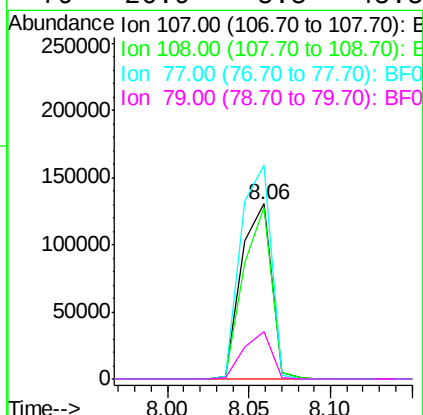
Instrument :
BNA_F
ClientSampleId :
PB80280BS

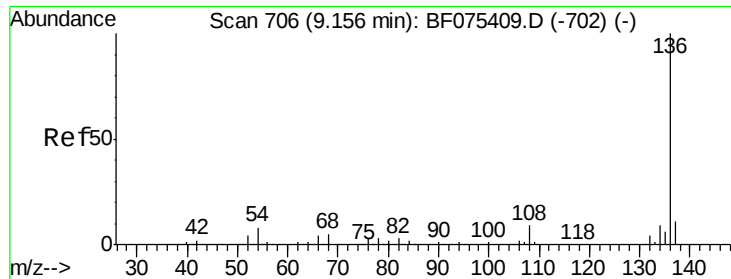
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#20
3+4-Methylphenols
Concen: 44.52 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	98.3	69.6	109.6	
77	122.2	84.4	124.4	
79	26.9	5.5	45.5	





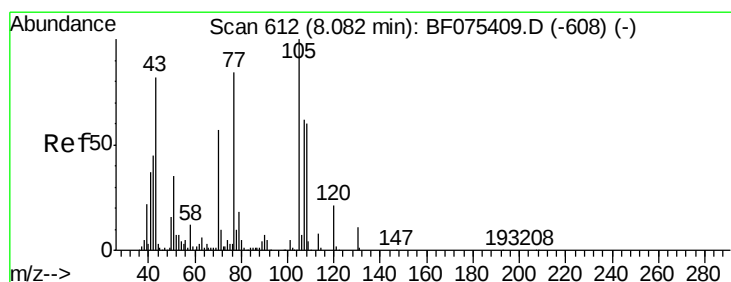
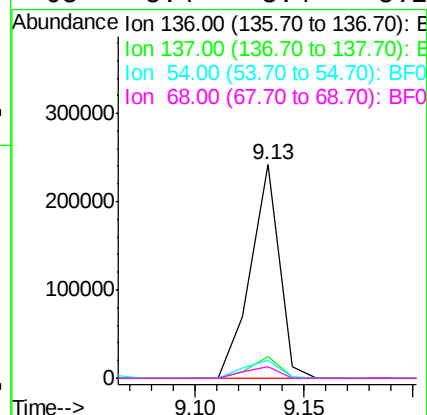
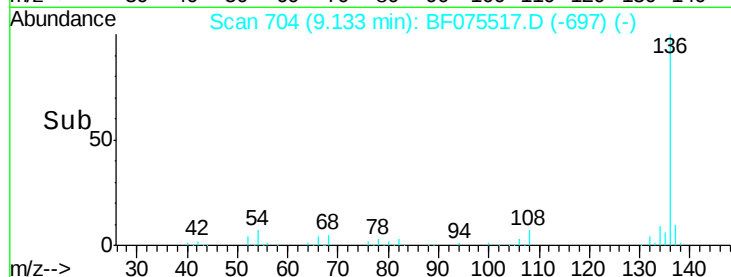
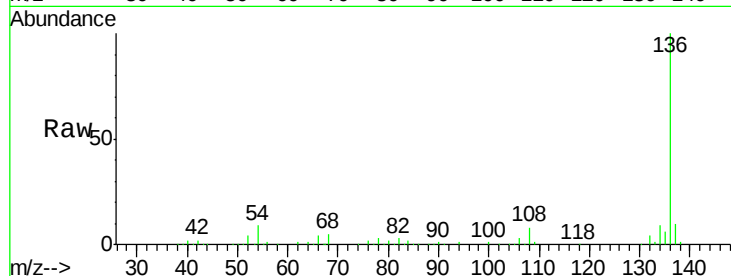
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	8.2	12.4
54	8.7	6.2	9.4
68	5.4	3.4	5.2#

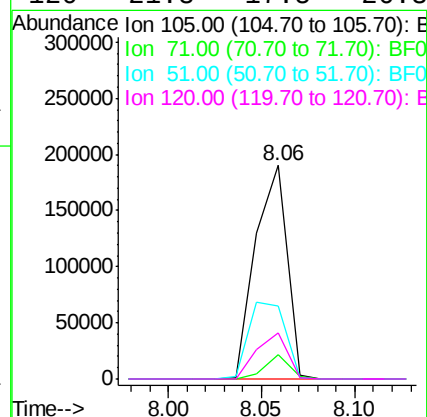
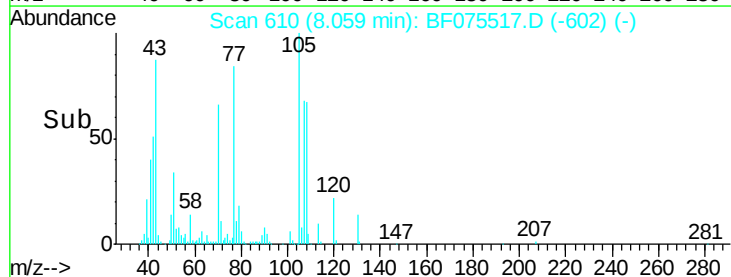
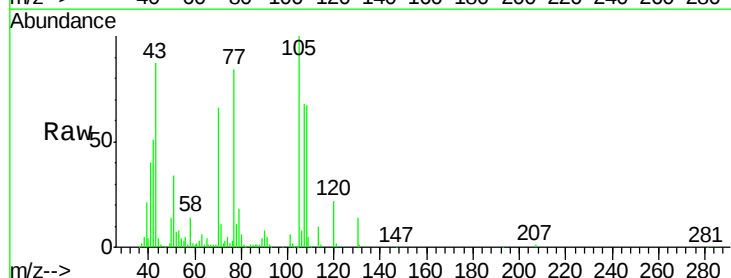
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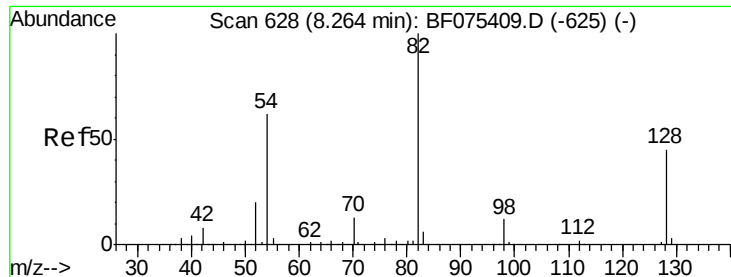
mohammad
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#22
Acetophenone
Concen: 46.27 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	11.4	10.5	15.7
51	34.2	24.2	36.2
120	21.8	17.5	26.3





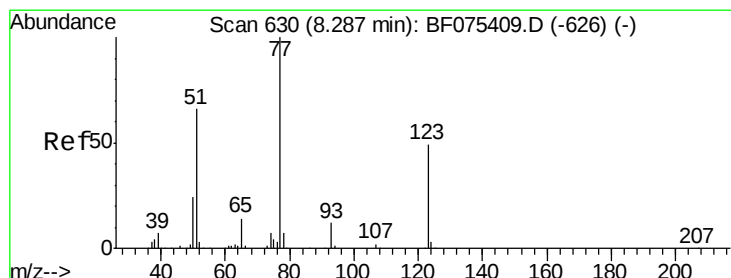
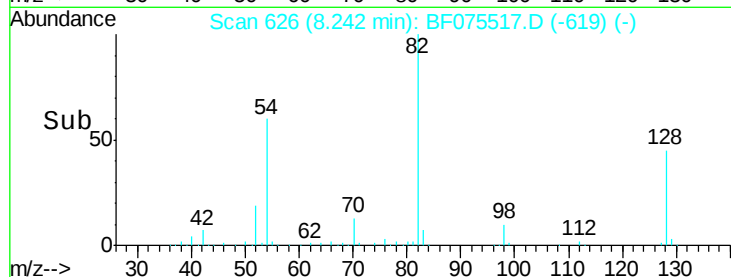
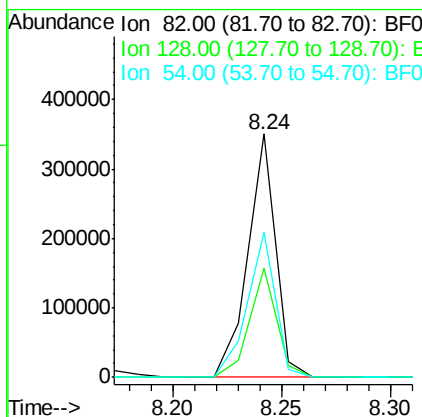
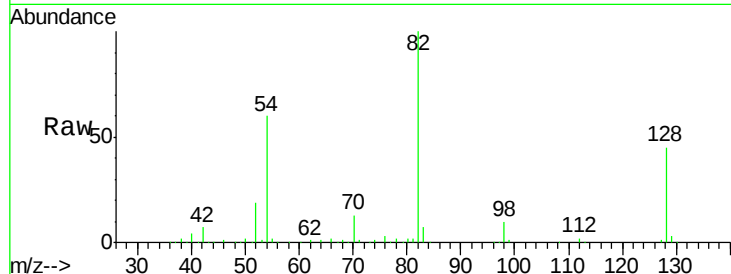
#23
 Nitrobenzene-d5
 Concen: 101.96 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	310625		
128	45.1	37.8	56.6	
54	59.8	49.8	74.8	

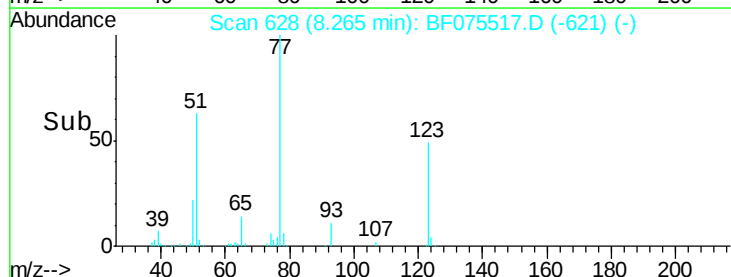
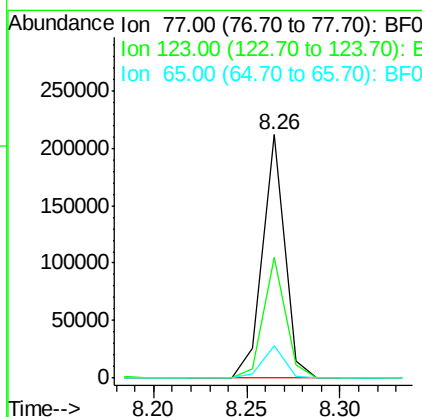
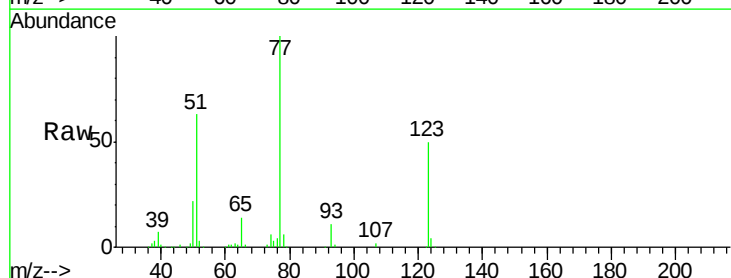
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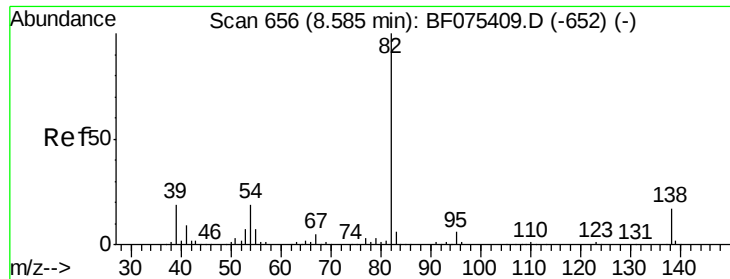
mohammad
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#24
 Nitrobenzene
 Concen: 49.26 ng
 RT: 8.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	173903		
123	49.6	39.0	58.4	
65	13.5	10.6	15.8	





#25

Isophorone

Concen: 46.04 ng

RT: 8.56 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

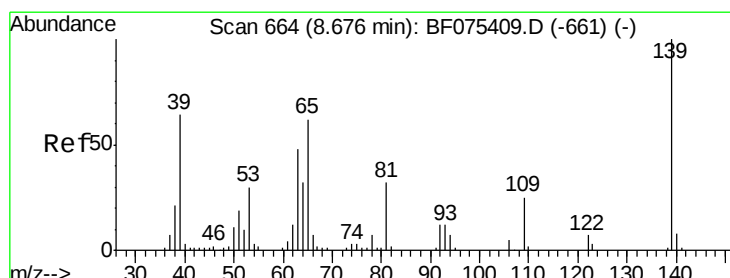
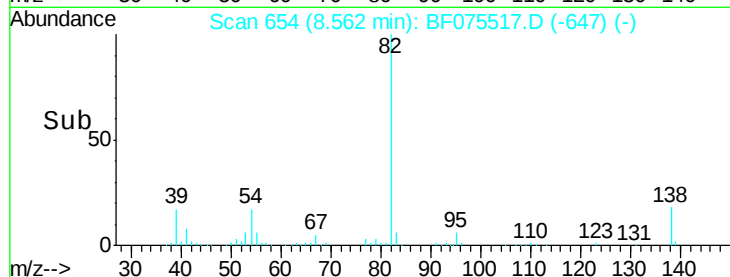
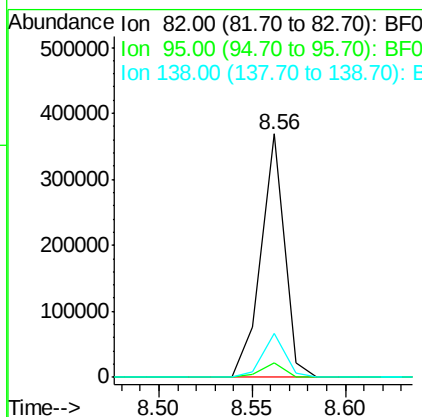
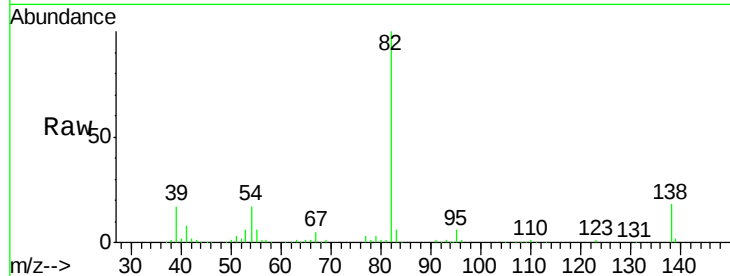
ClientSampleId :

PB80280BS

Tot Ion:	82	Resp:	320221
Ion Ratio		Lower	Upper
82	100		
95	6.1	5.2	7.8
138	18.2	15.0	22.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.45 ng

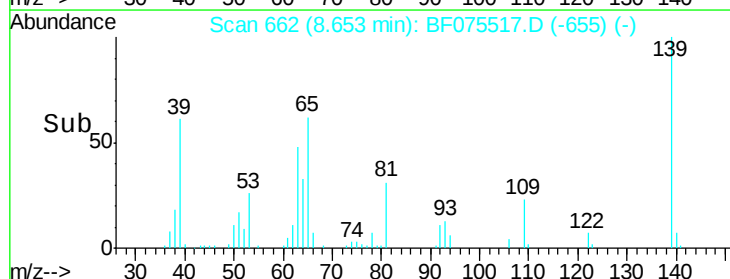
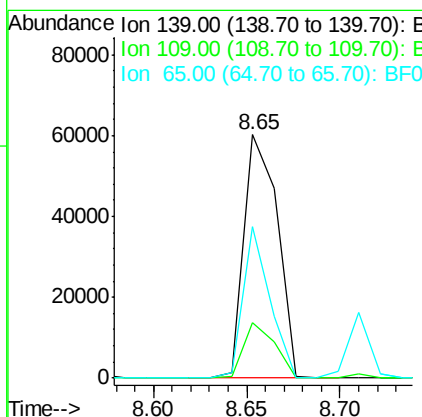
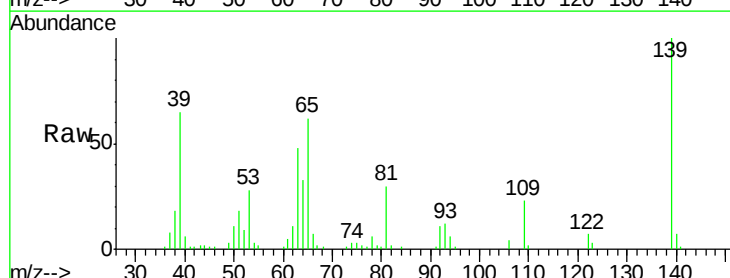
RT: 8.65 min Scan# 662

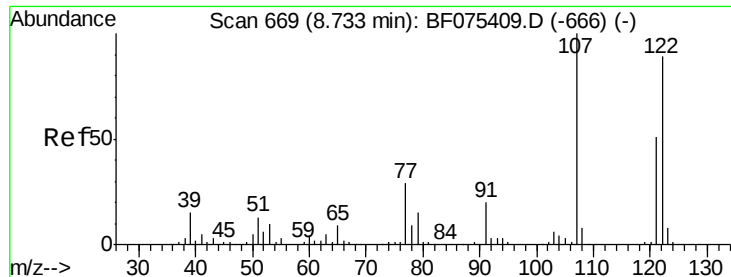
Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Tgt Ion:	139	Resp:	74733
Ion Ratio		Lower	Upper
139	100		
109	22.7	22.3	33.5
65	62.2	49.1	73.7





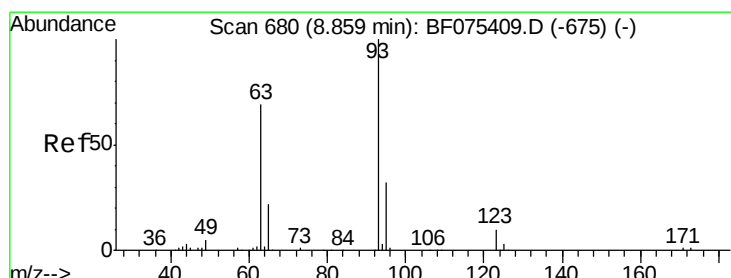
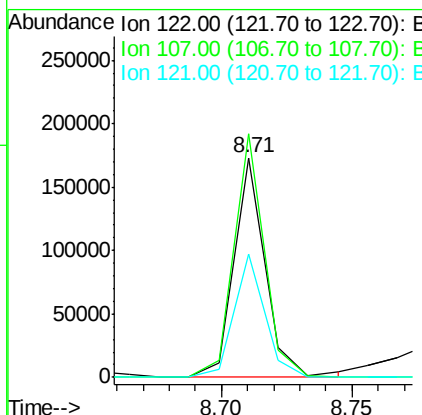
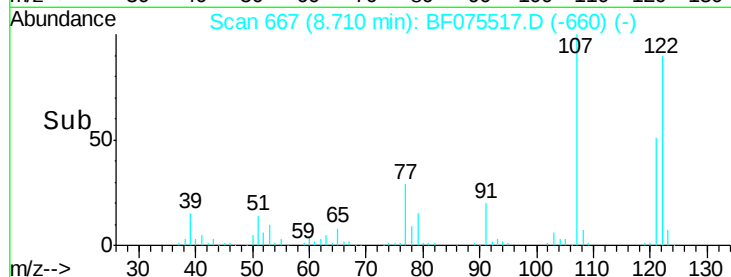
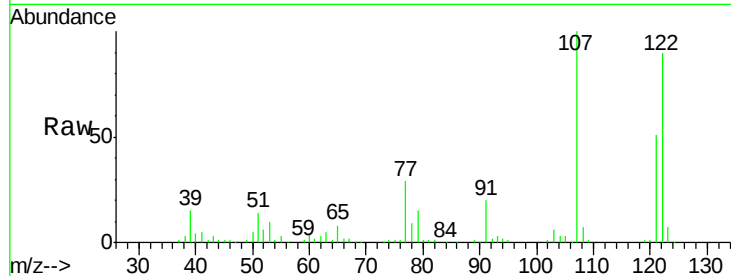
#27
2,4-Dimethylphenol
Concen: 46.86 ng
RT: 8.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampled :
PB80280BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		146119		
107	111.0	86.5	129.7		
121	56.3	45.4	68.2		

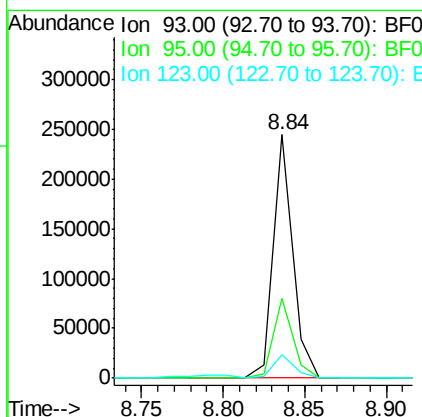
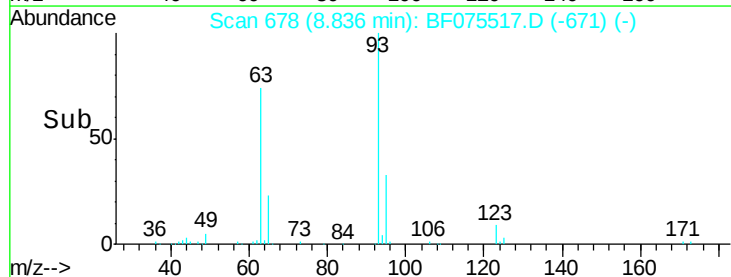
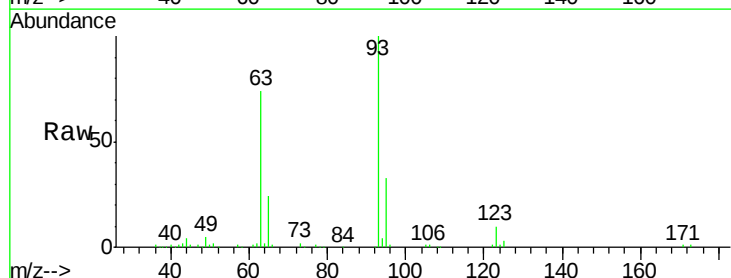
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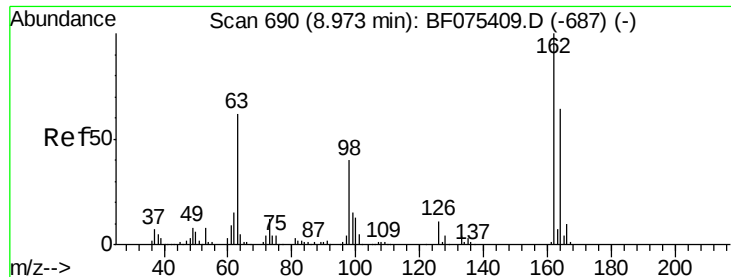
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#28
bis(2-Chloroethoxy)methane
Concen: 47.96 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		203299		
95	32.5	26.2	39.4		
123	9.8	8.8	13.2		





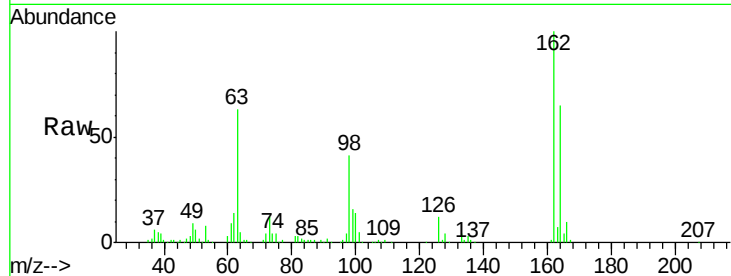
#29
2,4-Dichlorophenol
Concen: 44.66 ng
RT: 8.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	43.8	83.8
98	40.8	14.6	54.6

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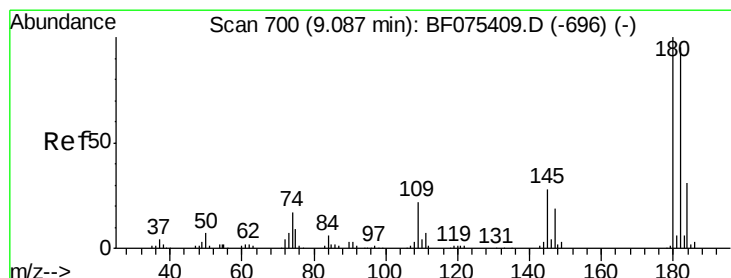
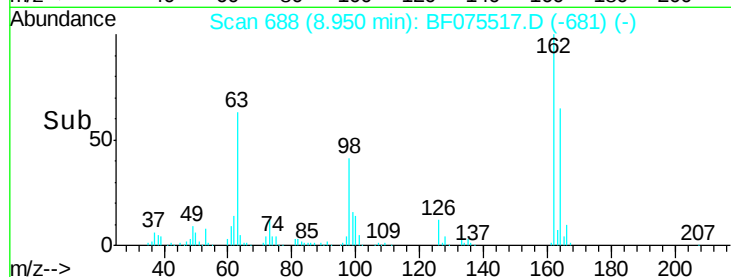
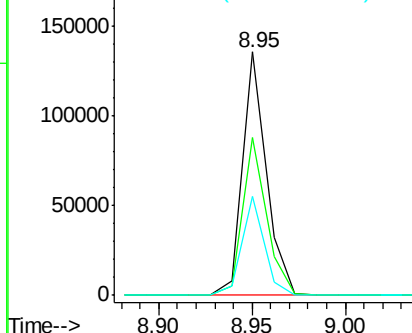


Abundance

Ion 162.00 (161.70 to 162.70): E

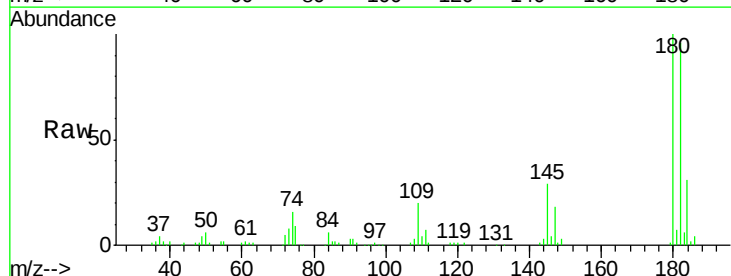
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 43.21 ng
RT: 9.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	78.4	117.6
145	29.2	22.3	33.5

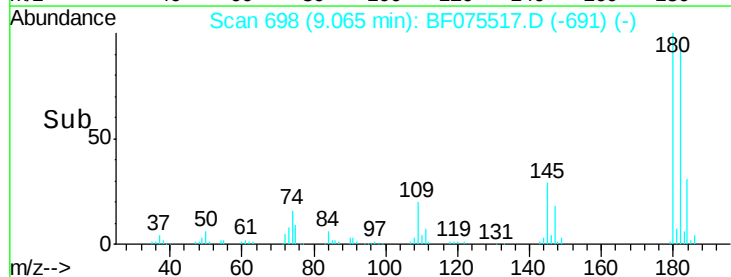
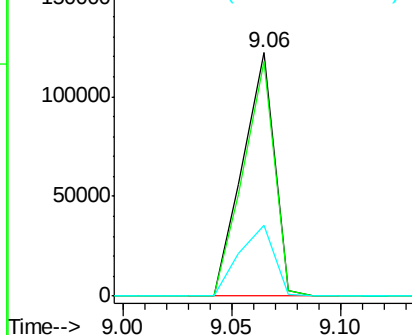


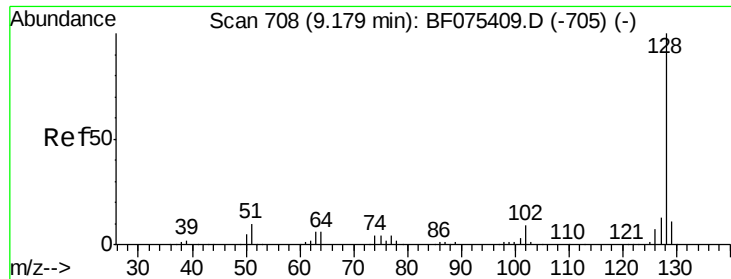
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





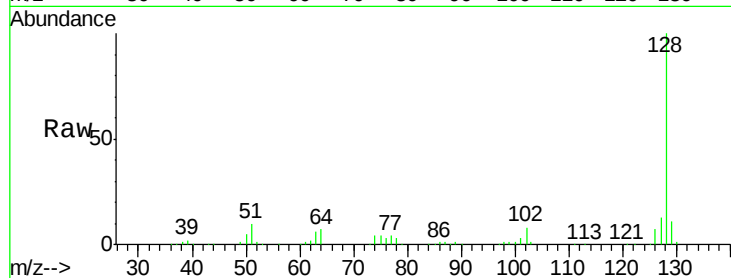
#31
Naphthalene
Concen: 47.42 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

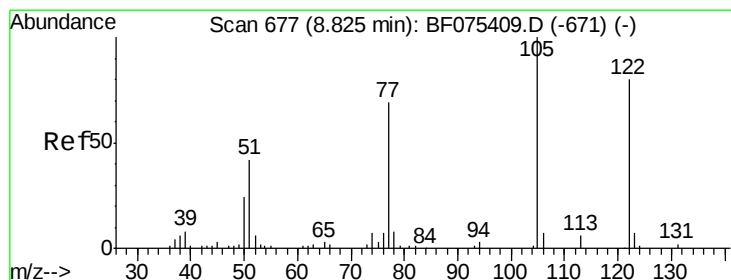
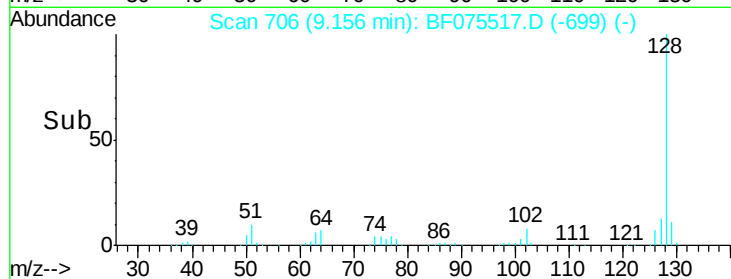
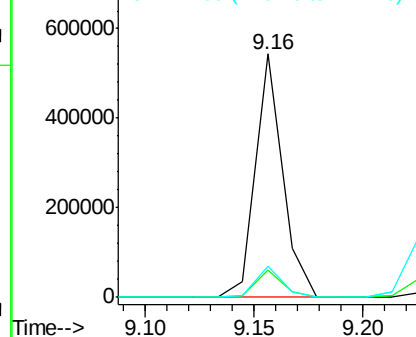
Tot Ion	Ratio	Resp	Lower	Upper
128	100	472173		
129	11.1	9.0	13.4	
127	12.8	10.2	15.4	

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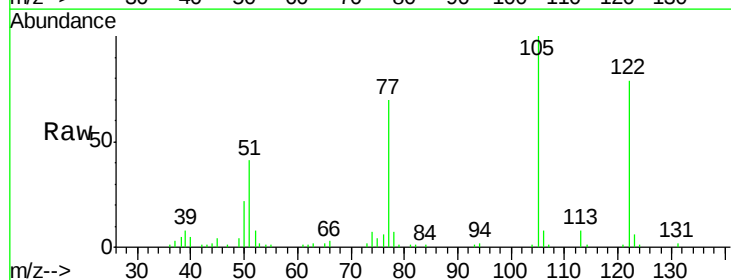


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

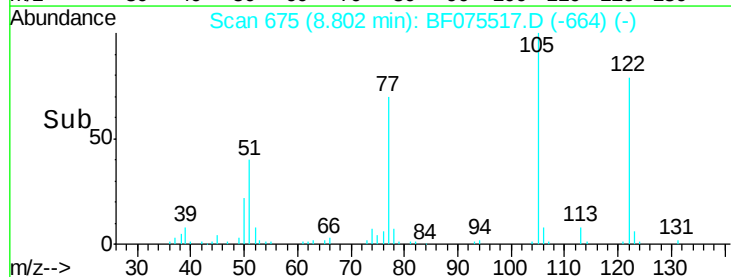
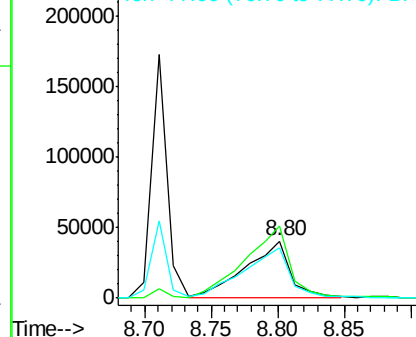


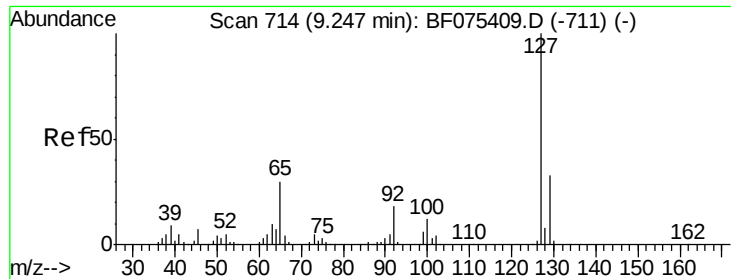
#32
Benzoic acid
Concen: 52.19 ng m
RT: 8.80 min Scan# 675
Delta R.T. 0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	98310		
105	126.5	95.1	135.1	
77	89.0	62.6	102.6	



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





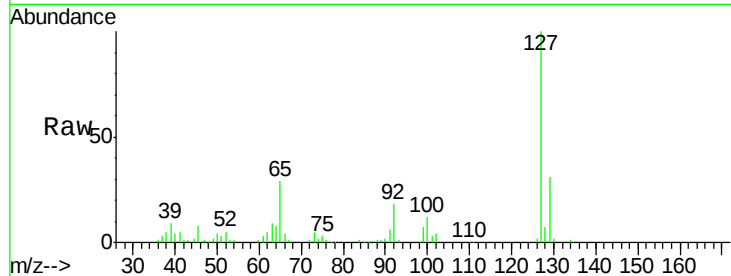
#33
4-Chloroaniline
Concen: 24.22 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

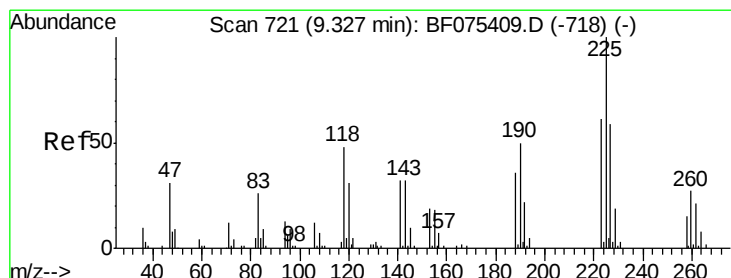
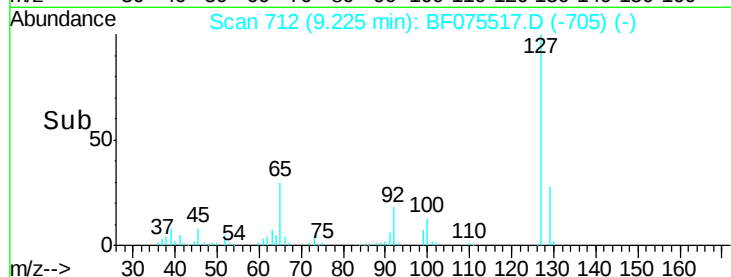
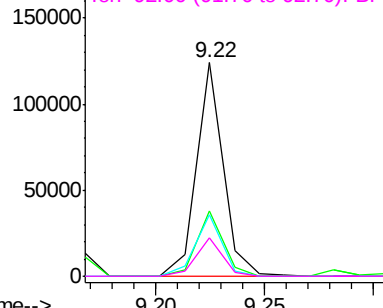
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.5	25.5	38.3		
65	28.6	22.8	34.2		
92	17.8	13.8	20.6		

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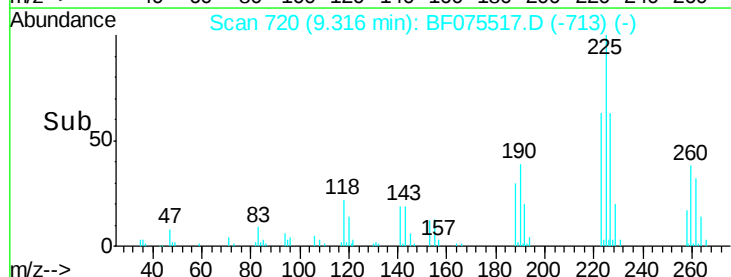
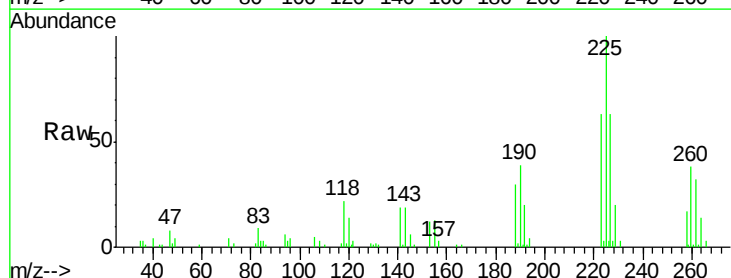
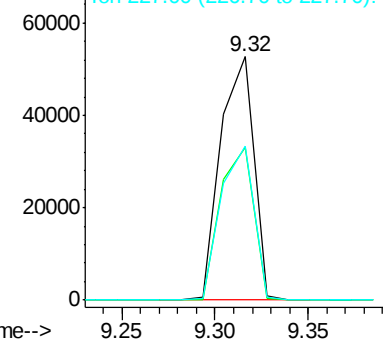
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

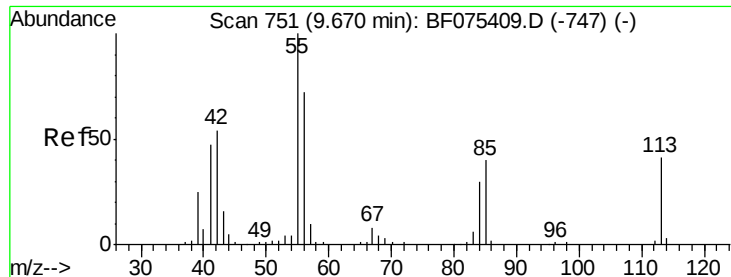


#34
Hexachlorobutadiene
Concen: 41.78 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	51.0	76.6		
227	63.5	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: 48.11 ng

RT: 9.65 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

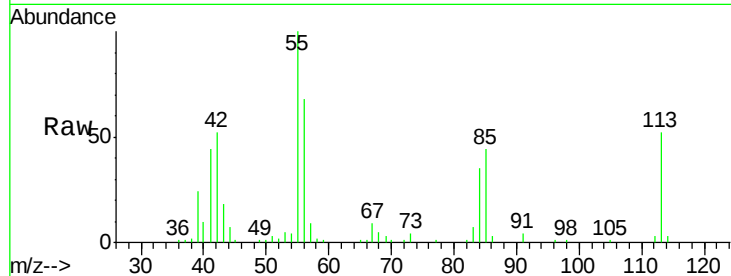
ClientSampleId :

PB80280BS

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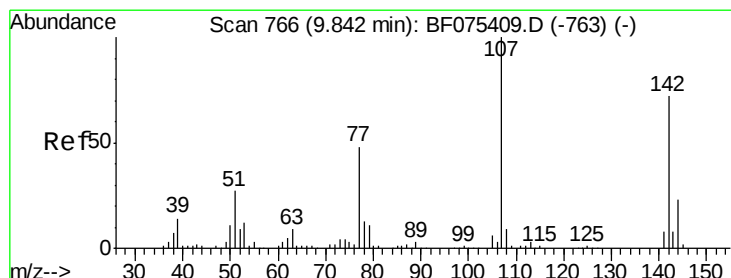
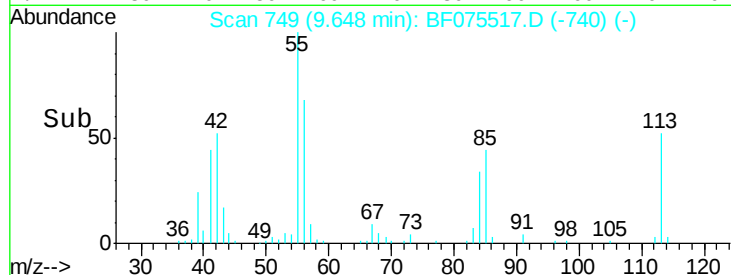
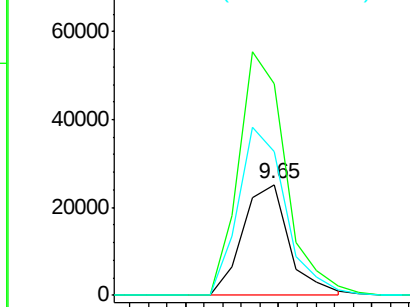
Tot Ion	Ratio	Lower	Upper
113	100		
55	191.3	226.9	266.9#
56	129.6	148.4	188.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.92 ng

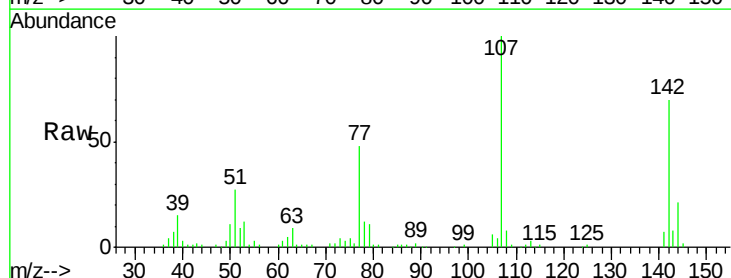
RT: 9.82 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

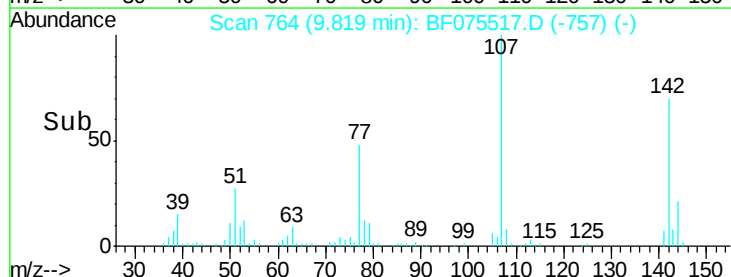
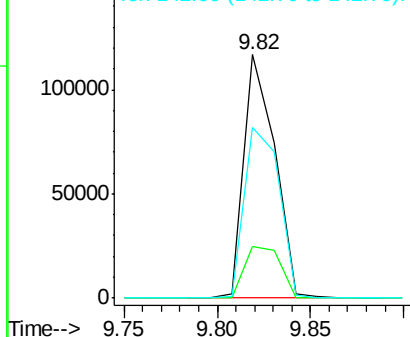
Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.4	19.1	28.7
142	70.3	62.9	94.3

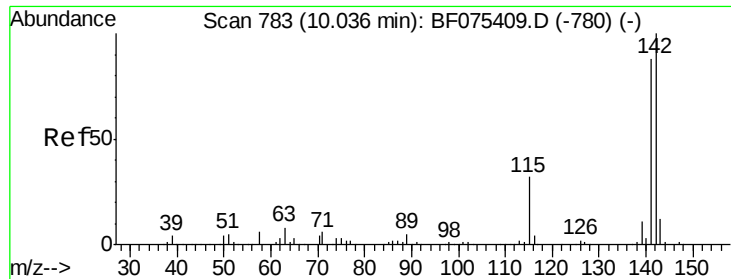


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





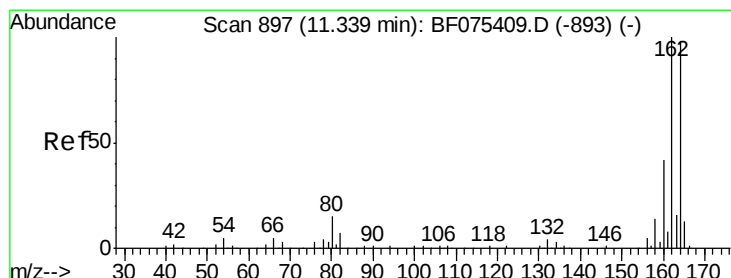
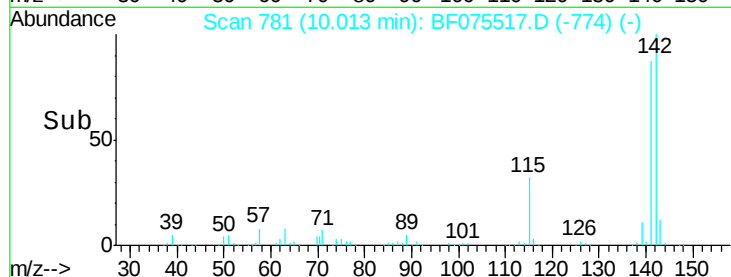
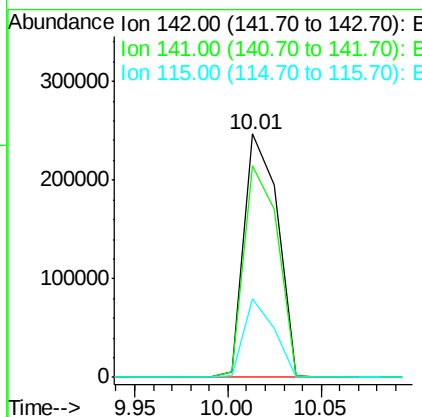
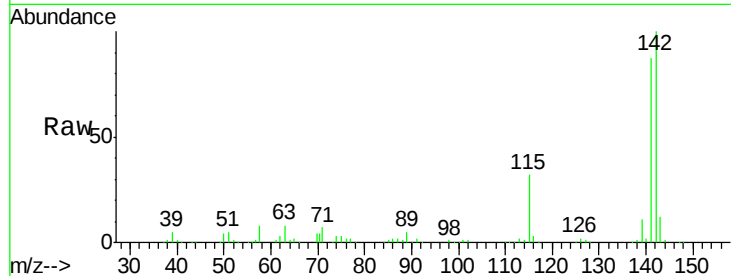
#37
2-Methylnaphthalene
Concen: 45.38 ng
RT: 10.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.9	104.9
115	32.3	27.6	41.4

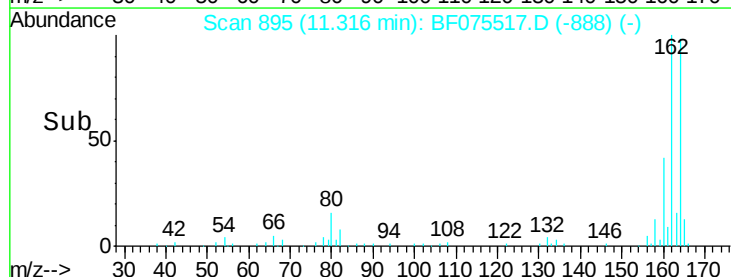
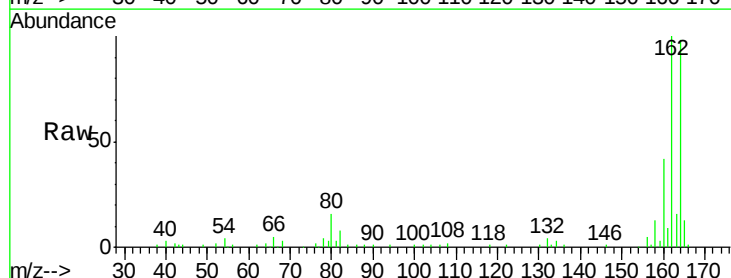
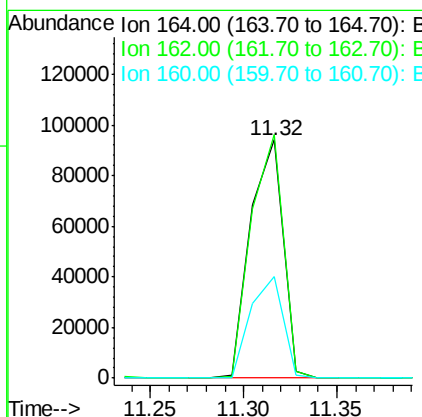
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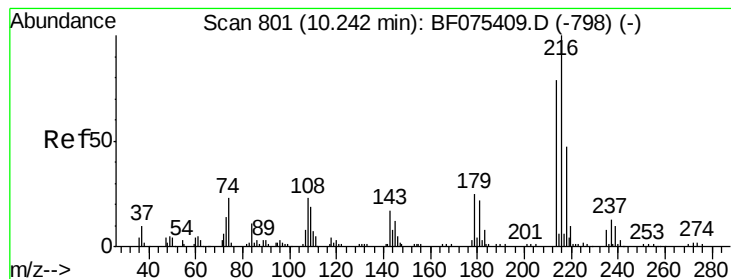
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.1	118.7
160	42.8	34.6	51.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.46 ng

RT: 10.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

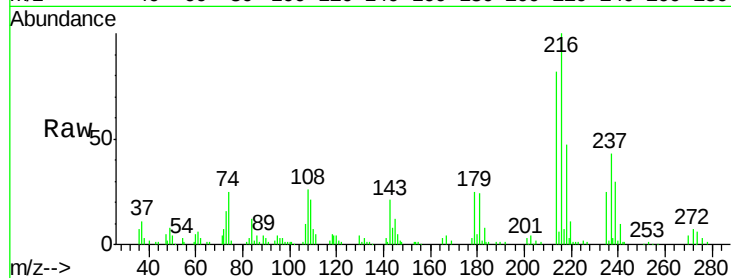
ClientSampleId :

PB80280BS

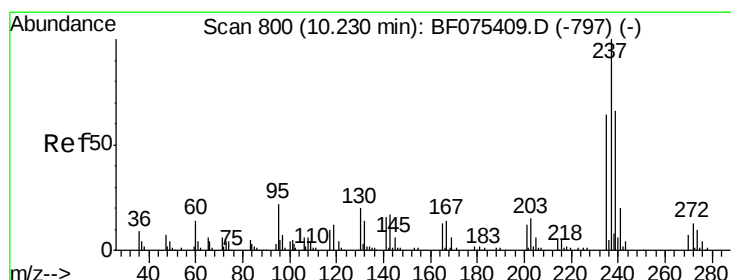
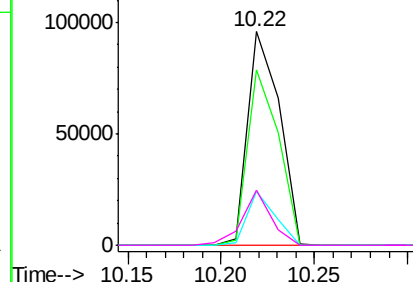
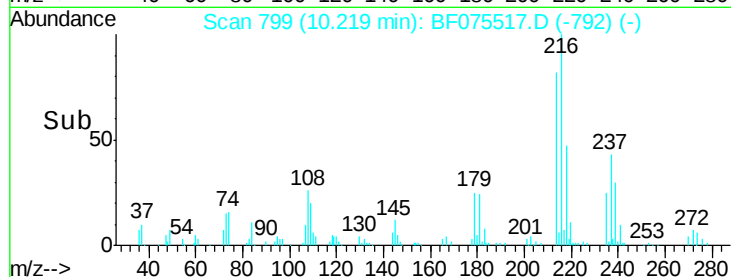
Tot Ion	Ratio	Resp	Lower	Upper
216	100	113344		
214	79.9	62.8	94.2	
179	22.4	18.7	28.1	
108	23.5	18.1	27.1	

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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: 89.44 ng

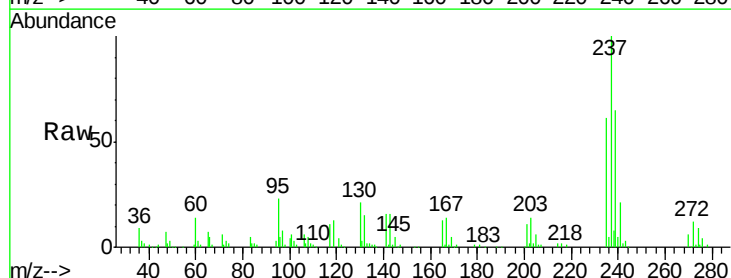
RT: 10.21 min Scan# 798

Delta R.T. -0.02 min

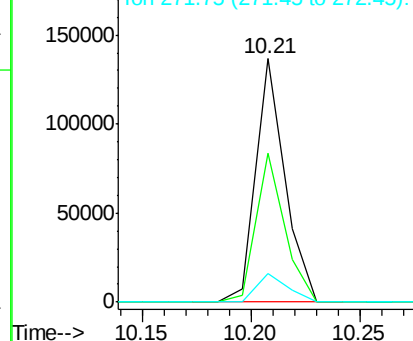
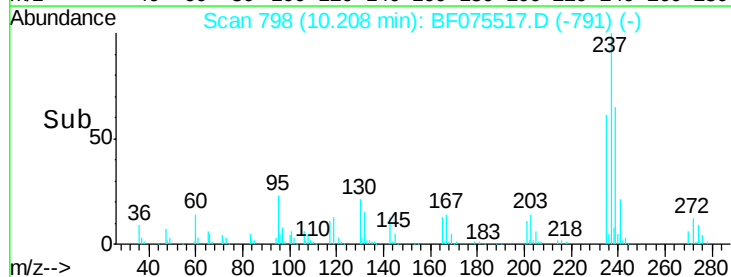
Lab File: BF075517.D

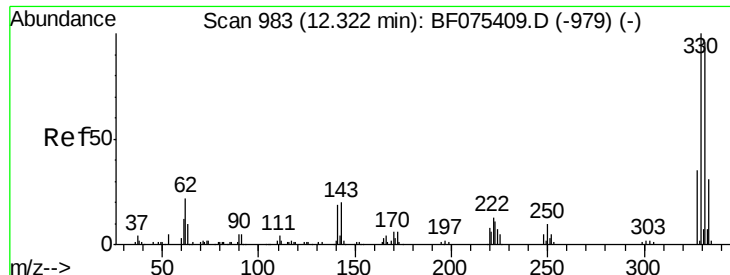
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	127085		
235	61.4	45.7	85.7	
272	12.0	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





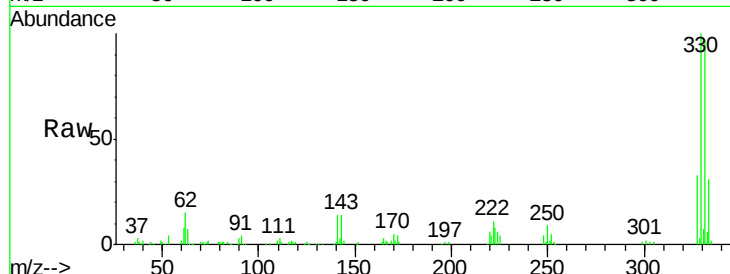
#41
 2,4,6-Tribromophenol
 Concen: 142.16 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

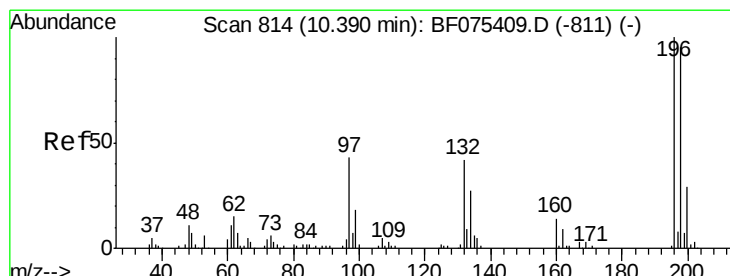
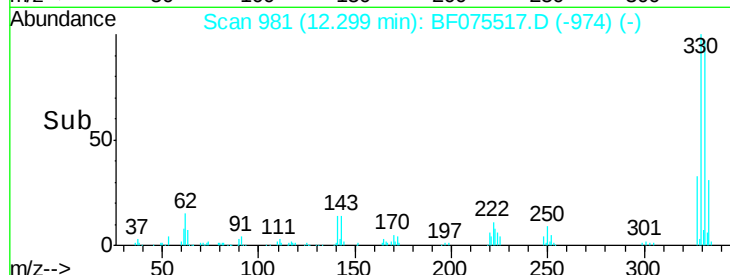
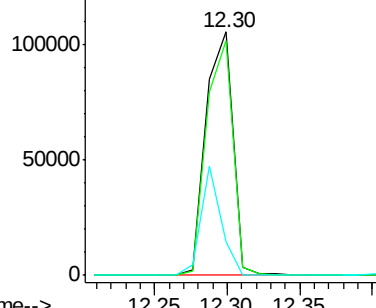
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	74.5	111.7	
141	33.9	30.7	46.1	

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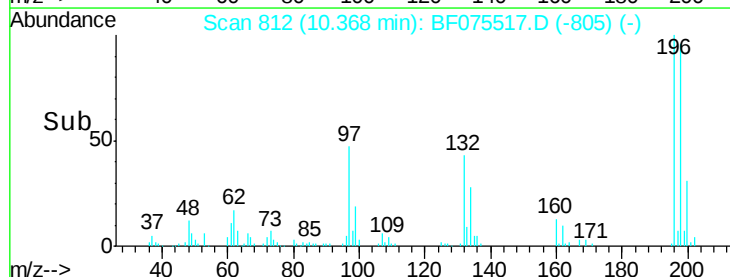
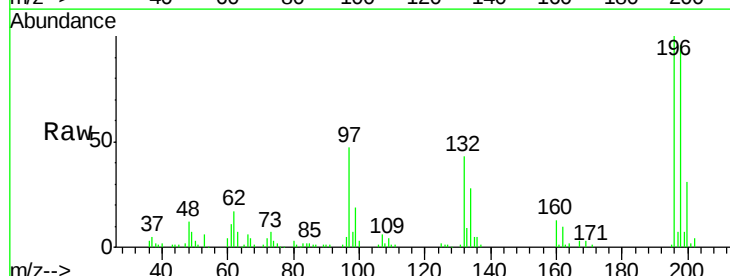
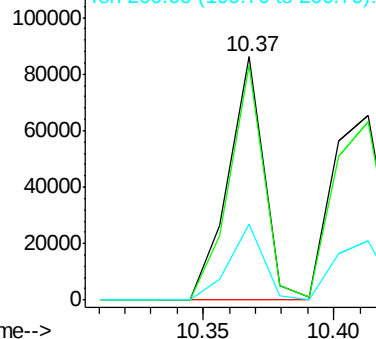
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

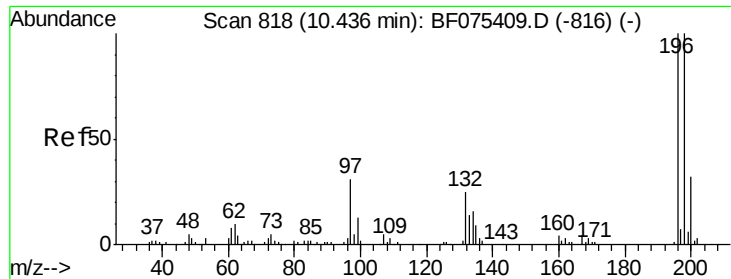


#42
 2,4,6-Trichlorophenol
 Concen: 43.93 ng
 RT: 10.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.5	75.7	113.5	
200	31.2	23.4	35.0	

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





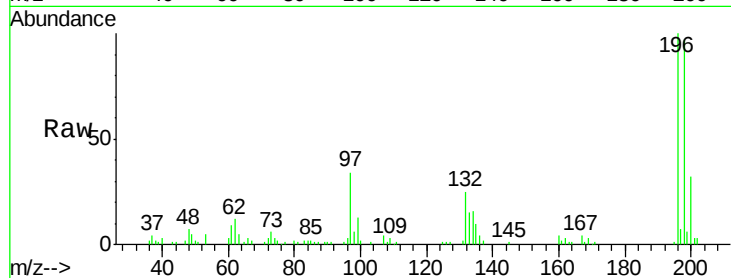
#43
2,4,5-Trichlorophenol
Concen: 44.04 ng
RT: 10.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

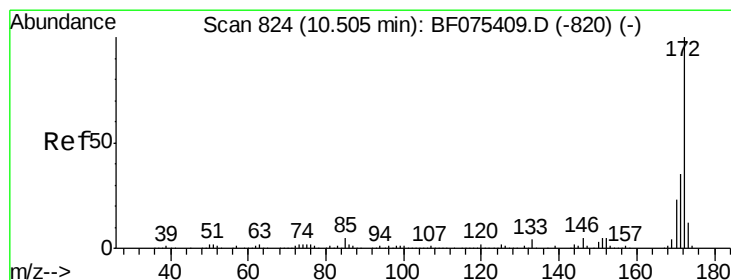
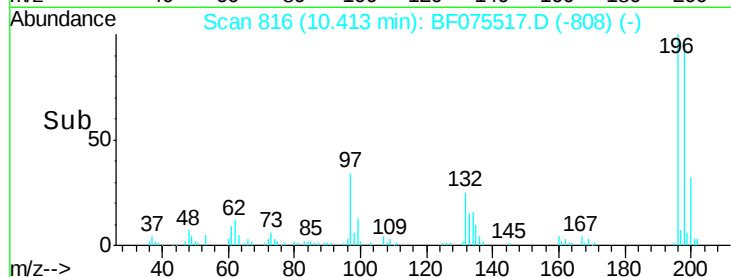
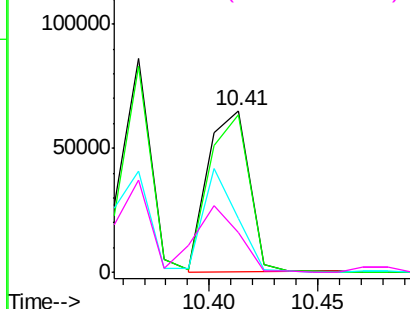
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		85321		
198	96.9	78.2	117.4		
97	33.6	29.9	44.9		
132	24.8	22.2	33.2		

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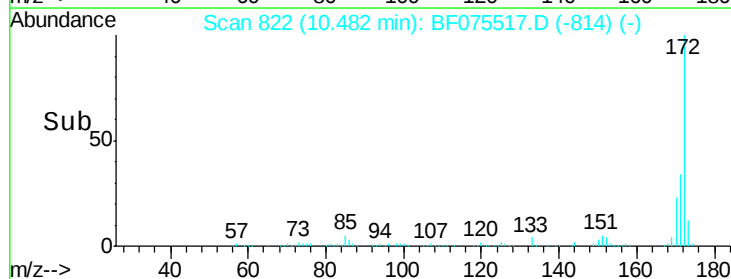
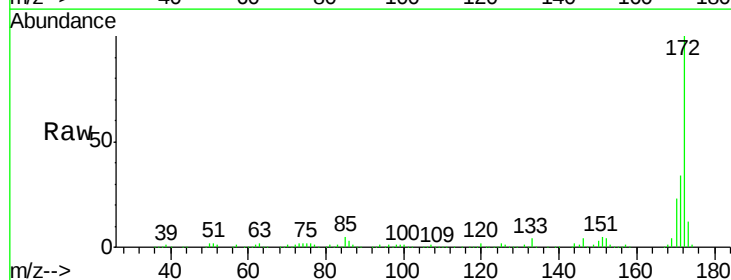
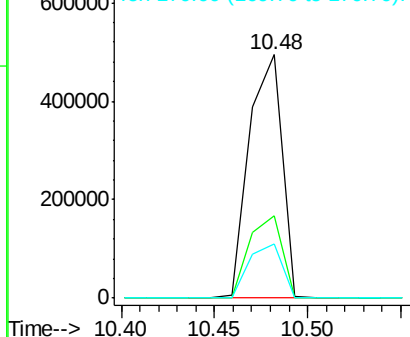
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

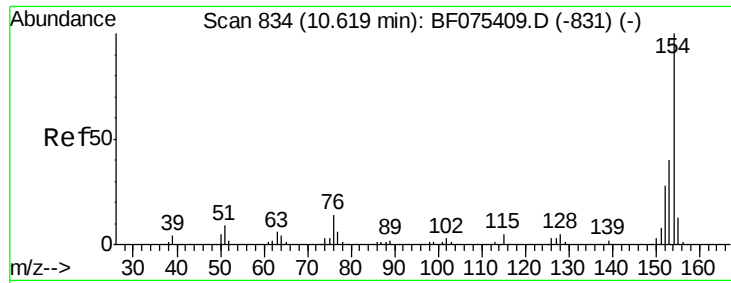


#44
2-Fluorobiphenyl
Concen: 97.48 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		613819		
171	33.9	27.3	40.9		
170	22.5	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





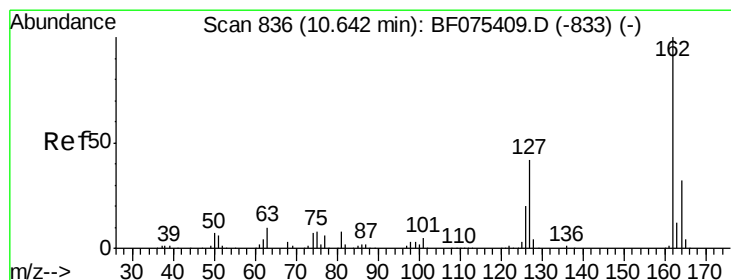
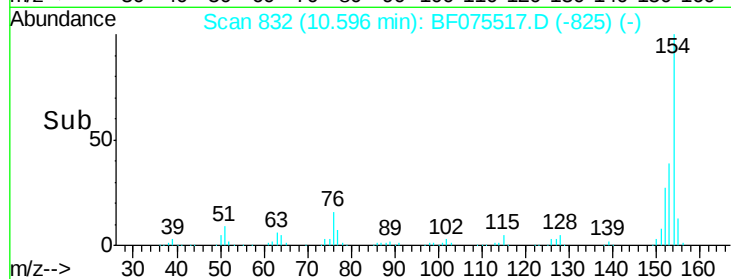
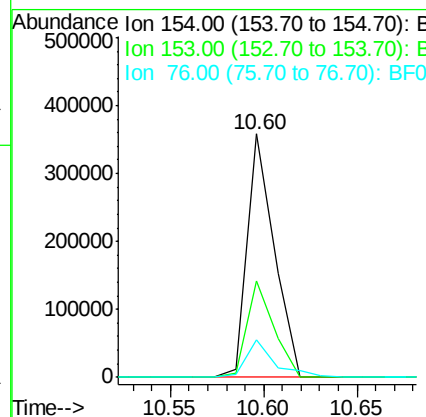
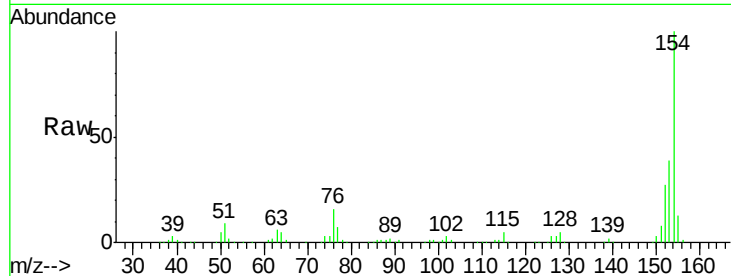
#45
 1,1'-Biphenyl
 Concen: 46.96 ng
 RT: 10.60 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	360464		
153	39.5	19.3	59.3	
76	15.7	0.0	35.0	

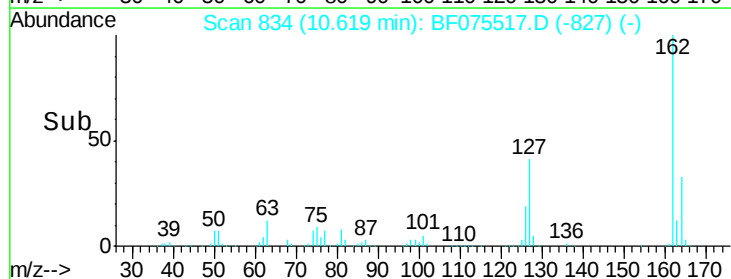
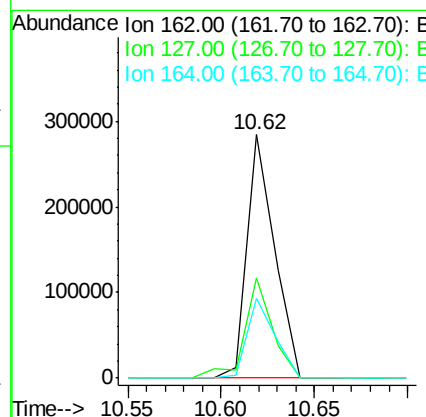
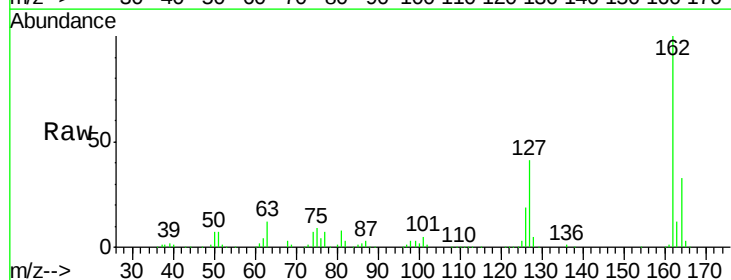
Manual Integrations
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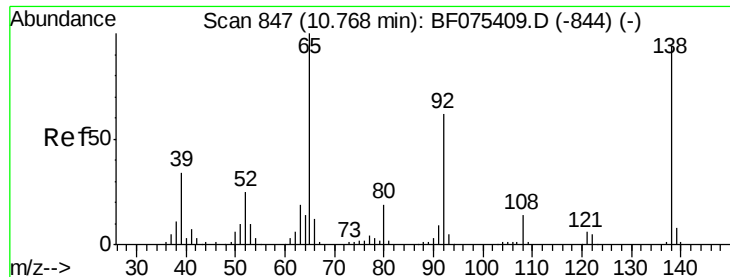
mohammad
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#46
 2-Chloronaphthalene
 Concen: 48.30 ng
 RT: 10.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	289867		
127	40.9	34.6	51.8	
164	32.8	25.1	37.7	





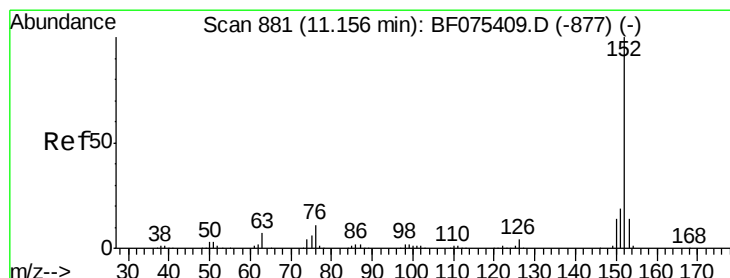
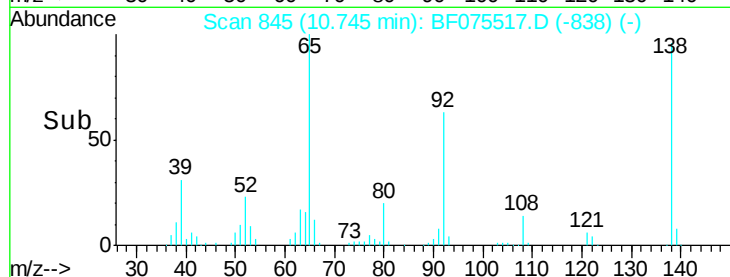
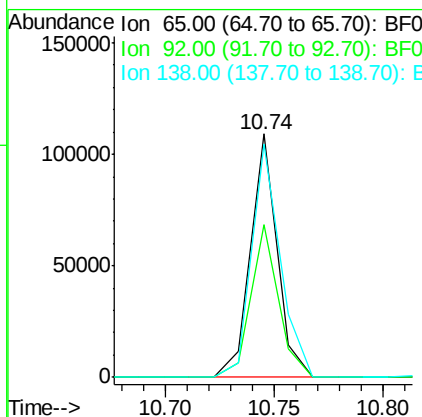
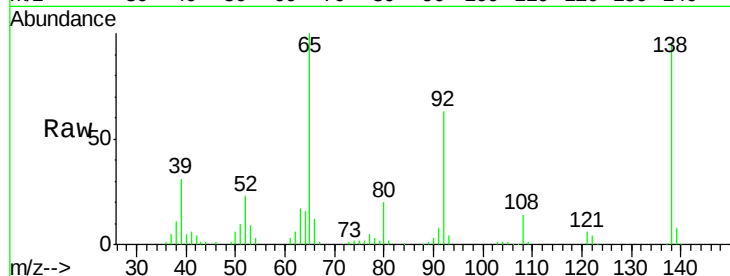
#47
2-Nitroaniline
Concen: 51.39 ng
RT: 10.74 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	62.5	46.7	70.1	
138	95.7	62.8	94.2	

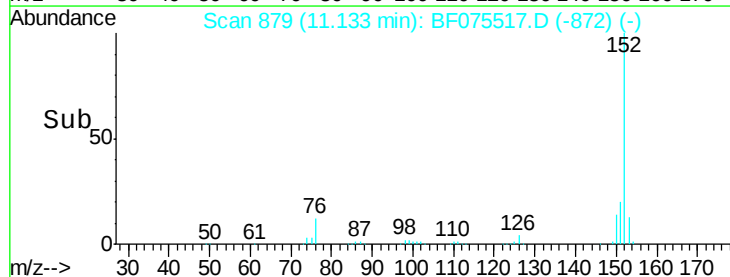
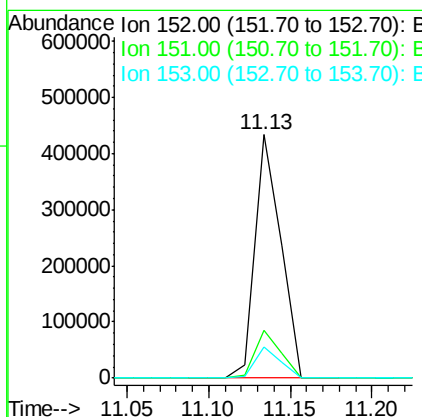
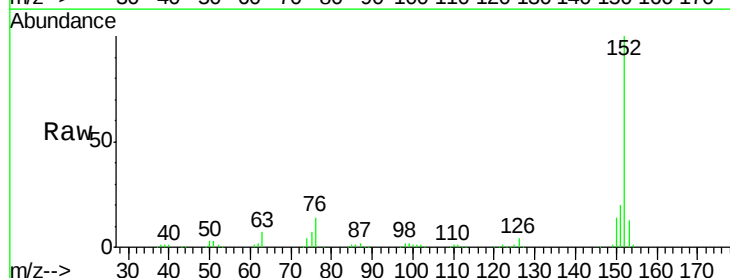
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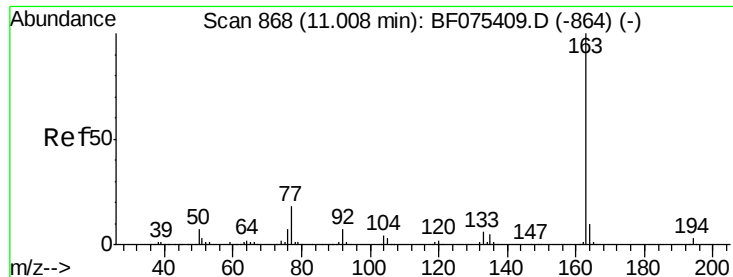
mohammad
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#48
Acenaphthylene
Concen: 48.15 ng
RT: 11.13 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	19.6	15.4	23.2	
153	13.0	10.0	15.0	





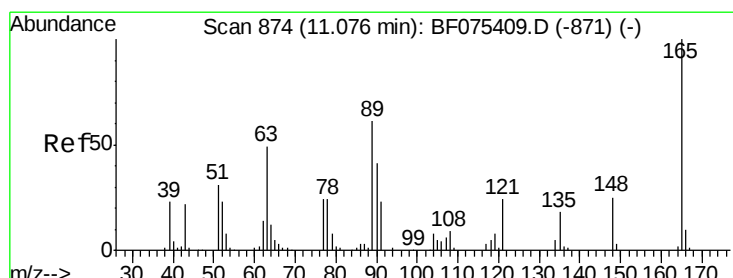
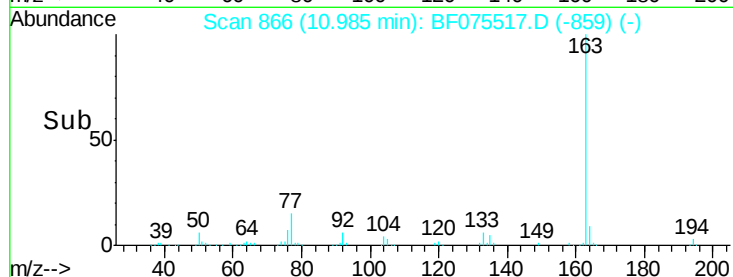
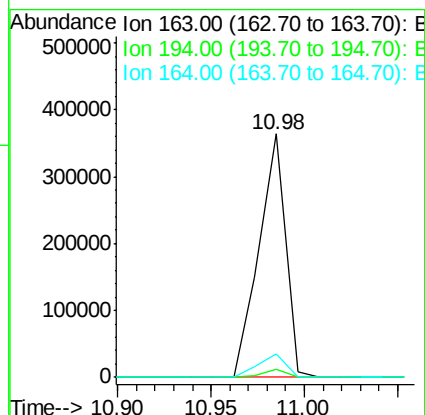
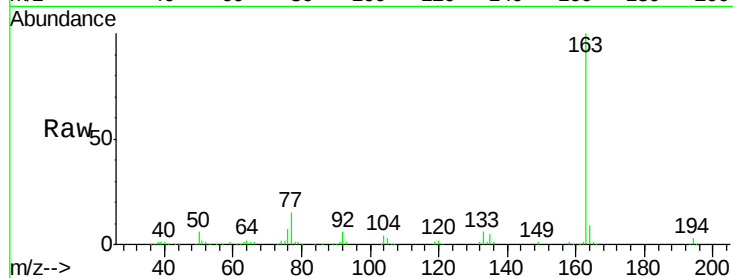
#49
Dimethylphthalate
Concen: 46.12 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.4	8.0	12.0

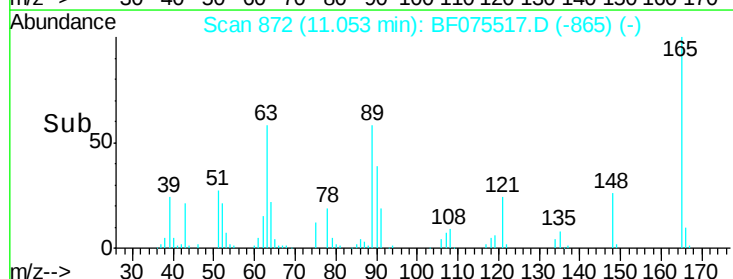
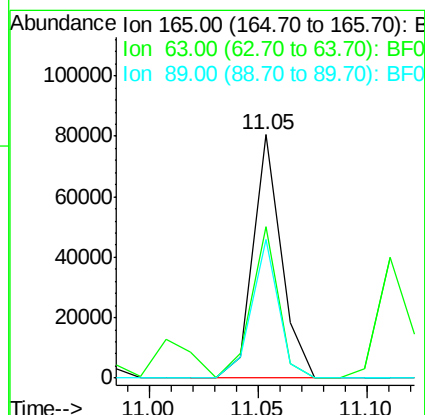
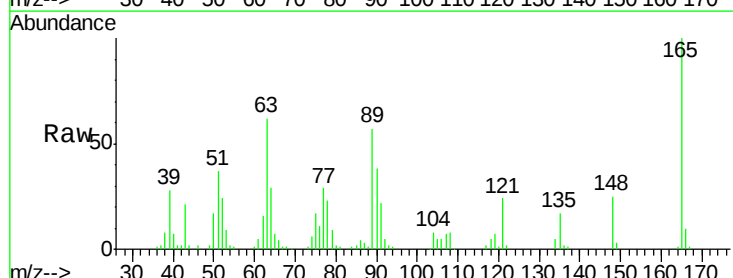
Manual Integrations
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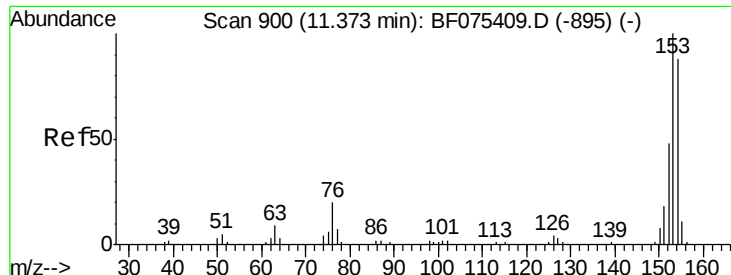
mohammad
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#50
2,6-Dinitrotoluene
Concen: 47.41 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	62.2	61.2	91.8
89	57.0	52.5	78.7





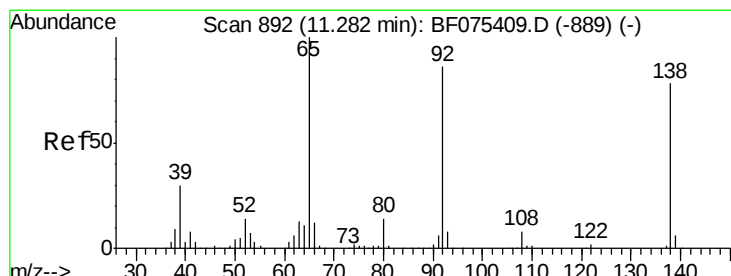
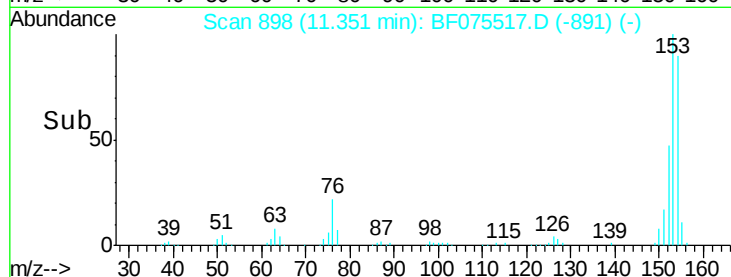
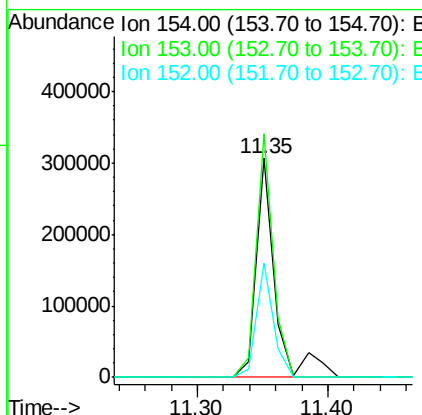
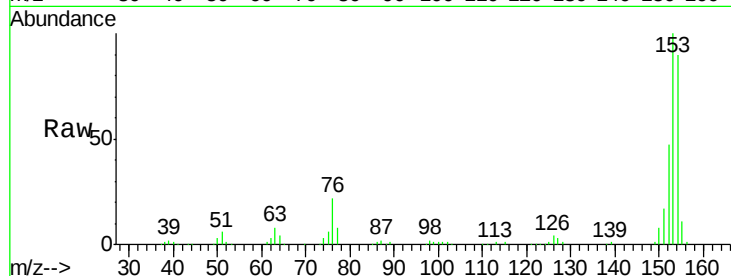
#51
Acenaphthene
Concen: 53.04 ng
RT: 11.35 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.1	91.2	136.8
152	52.1	43.4	65.0

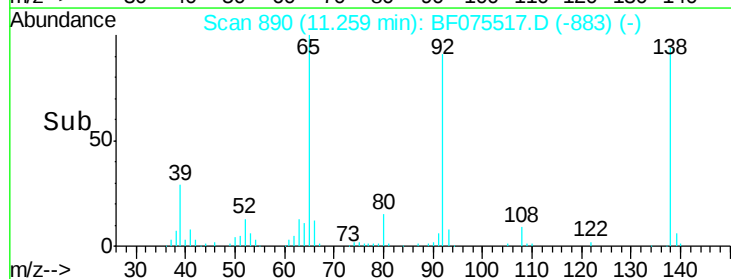
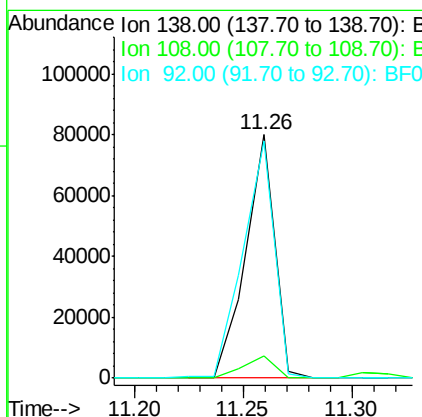
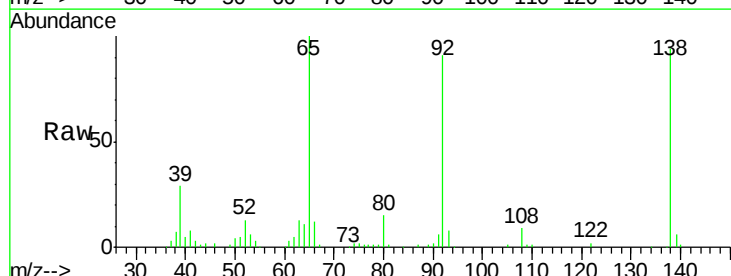
Manual Integrations
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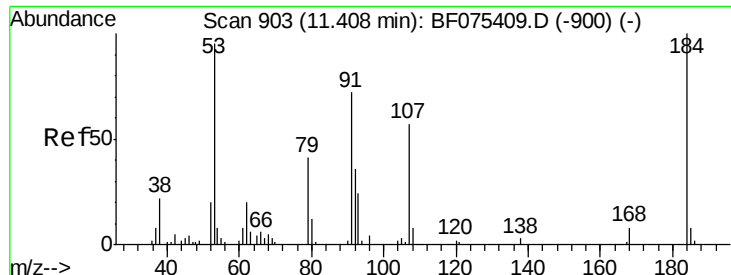
mohammad
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#52
3-Nitroaniline
Concen: 40.97 ng
RT: 11.26 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	10.2	15.2#
92	97.2	91.0	136.6





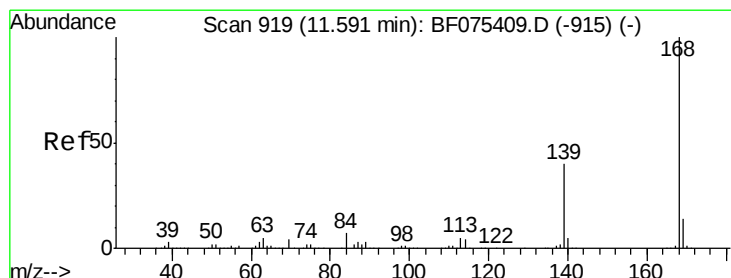
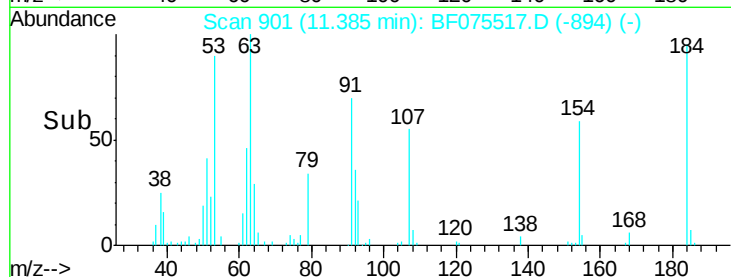
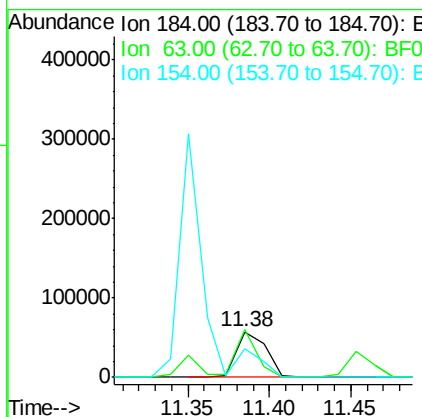
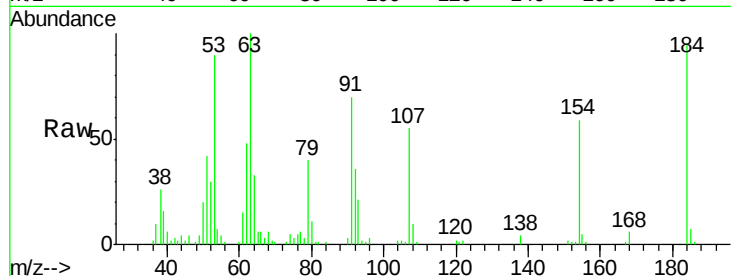
#53
2,4-Dinitrophenol
Concen: 81.54 ng
RT: 11.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	104.8	96.3	144.5
154	61.8	56.2	84.4

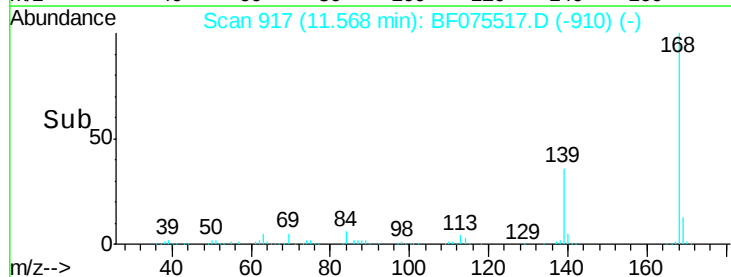
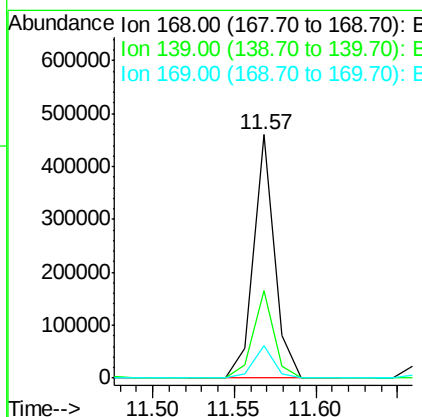
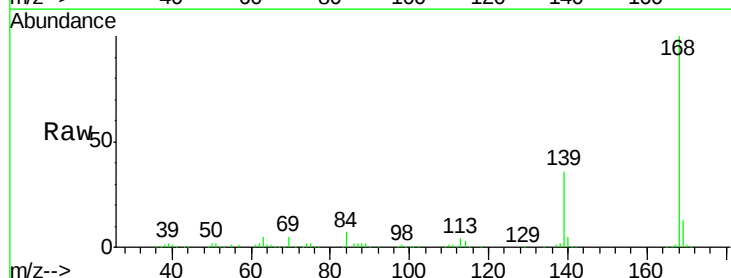
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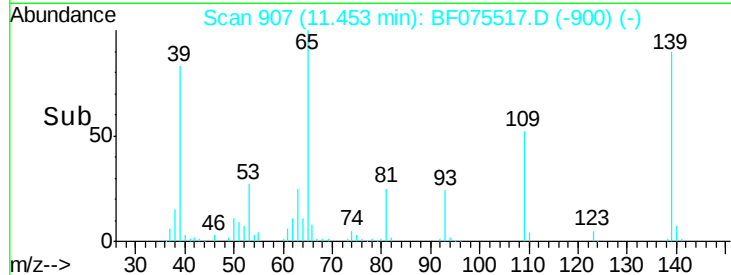
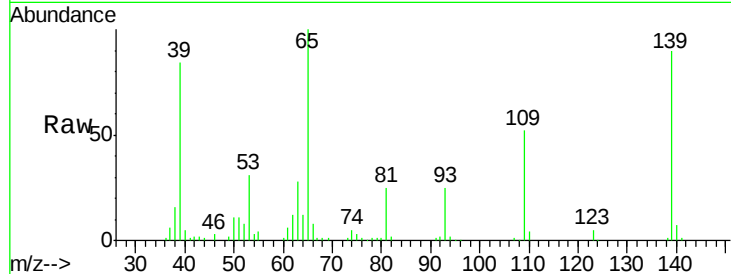
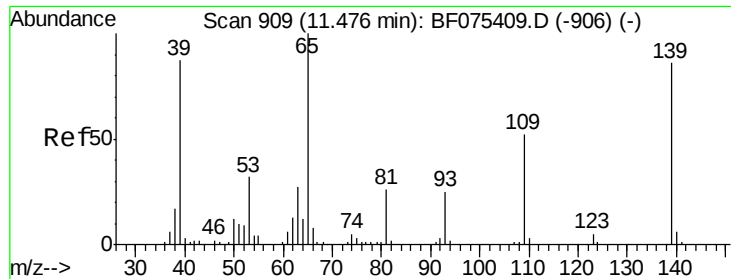
mohammad
11/17/2014 7:35:36 PM



#54
Dibenzofuran
Concen: 48.03 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	33.0	49.4
169	13.2	10.8	16.2





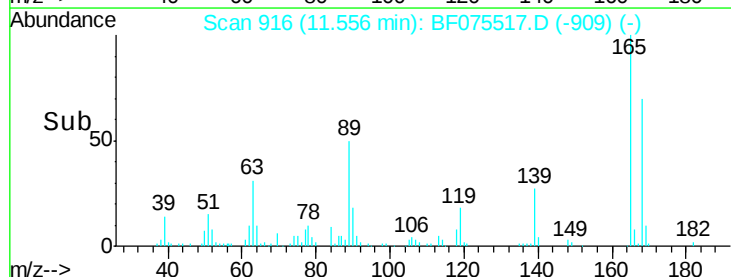
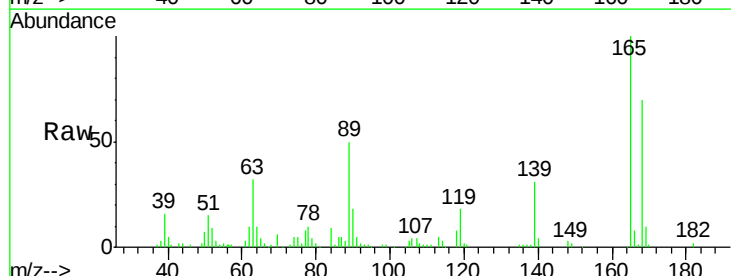
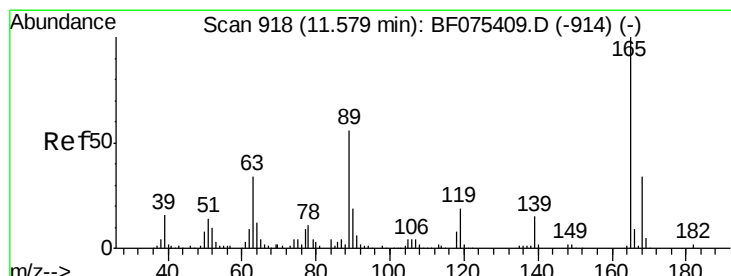
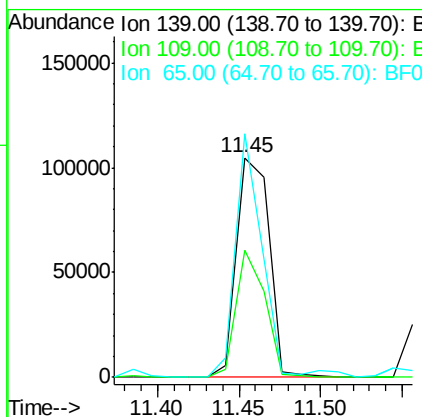
#55
4-Nitrophenol
Concen: 100.60 ng
RT: 11.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tot Ion	Ratio	Resp	Lower	Upper
139	100	145284		
109	57.9	45.8	85.8	
65	110.9	94.8	134.8	

Instrument :
BNA_F
ClientSampleId :
PB80280BS

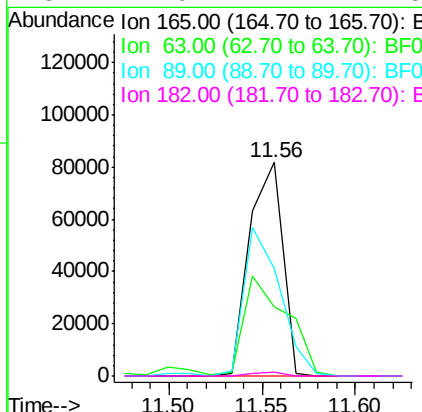
Manual Integrations
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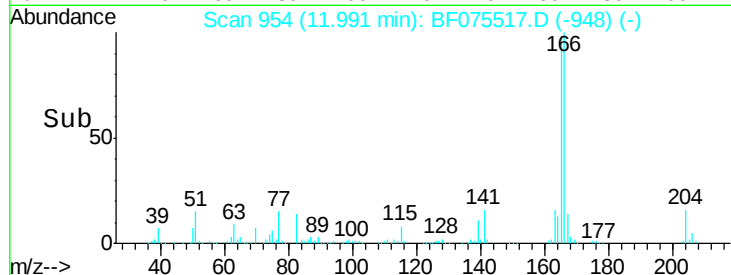
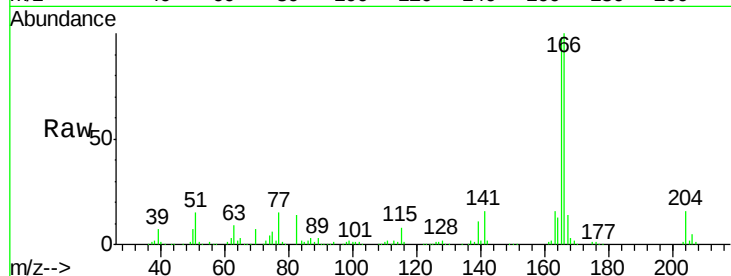
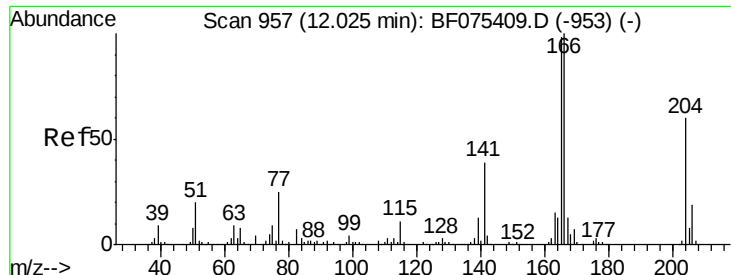
mohammad
11/17/2014 7:35:36 PM



#56
2,4-Dinitrotoluene
Concen: 50.21 ng
RT: 11.56 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	101073		
63	32.3	27.0	40.6	
89	50.4	47.8	71.6	
182	2.0	1.7	2.5	





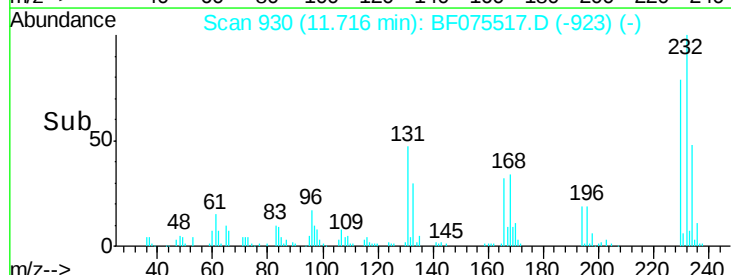
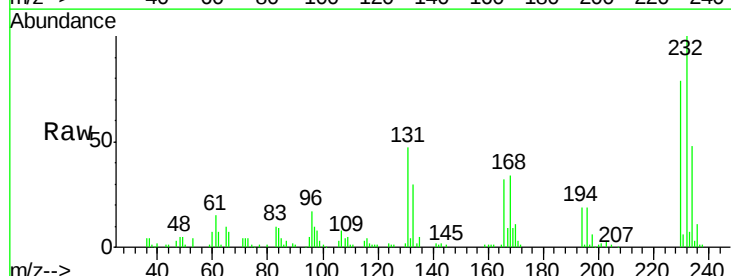
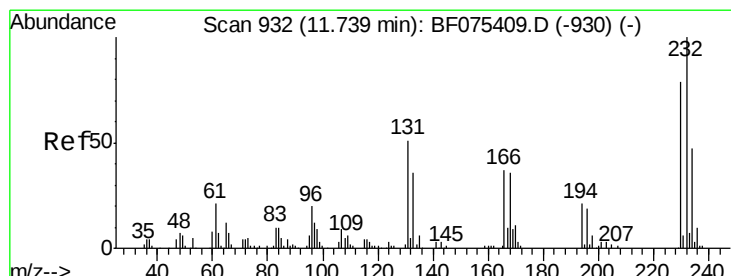
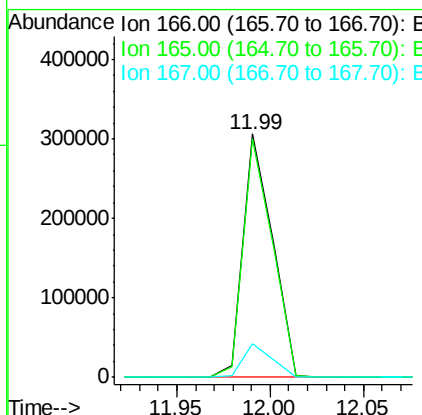
#57
 Fluorene
 Concen: 48.34 ng
 RT: 11.99 min Scan# 954
 Delta R.T. -0.03 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tot Ion	Ratio	Resp	Lower	Upper
166	100	333706		
165	97.7	78.8	118.2	
167	13.9	10.6	15.8	

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

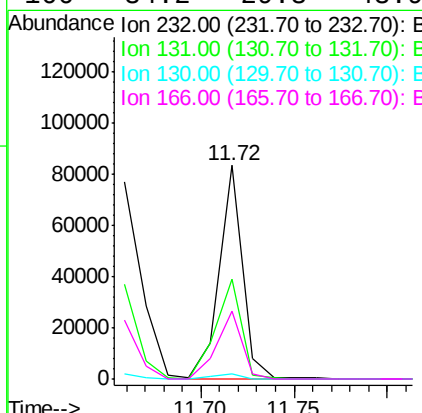
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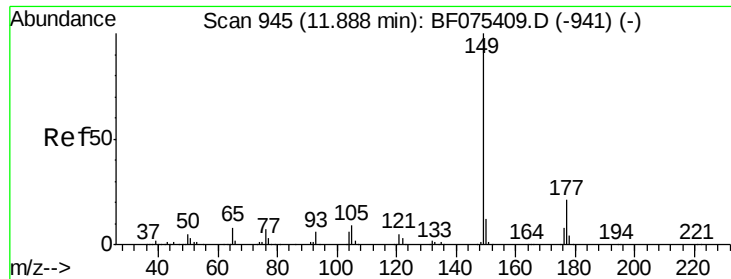
mohammad
 11/17/2014 7:35:36 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.63 ng
 RT: 11.72 min Scan# 930
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	73233		
131	51.3	44.6	67.0	
130	2.5	2.5	3.7	
166	34.2	29.3	43.9	





#59

Diethylphthalate

Concen: 43.20 ng

RT: 11.86 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

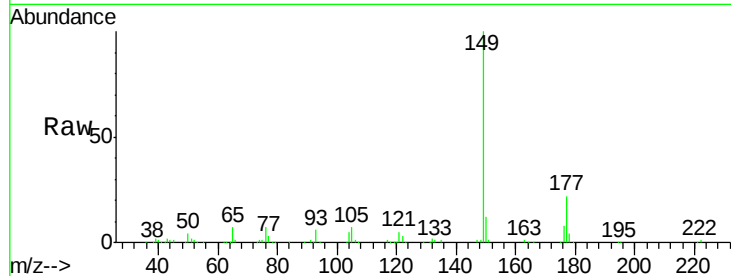
ClientSampleId :

PB80280BS

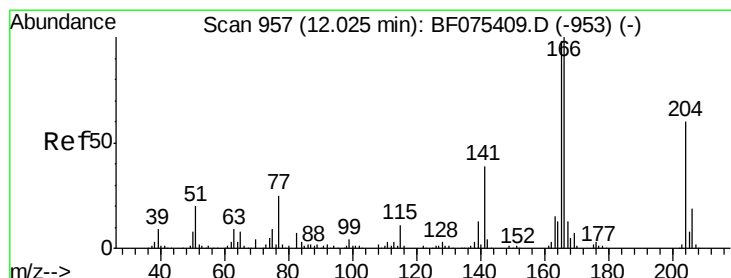
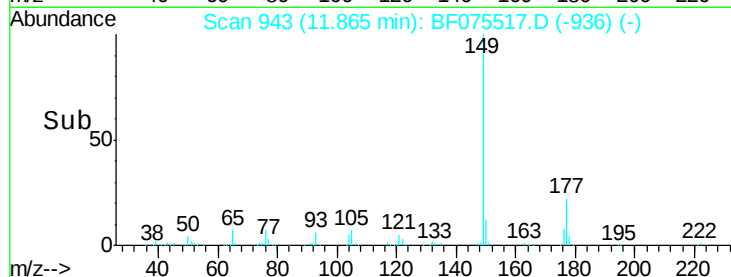
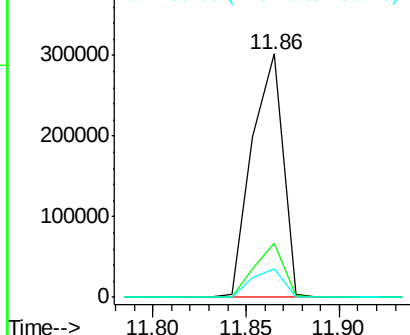
Tot Ion:	149	Resp:	348676
Ion Ratio	Lower	Upper	
149	100		
177	22.5	15.8	23.8
150	11.6	9.9	14.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.68 ng

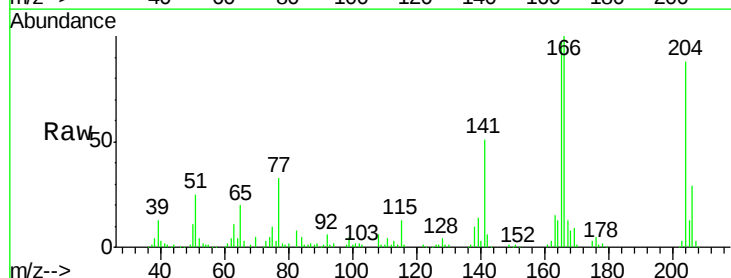
RT: 12.00 min Scan# 955

Delta R.T. -0.02 min

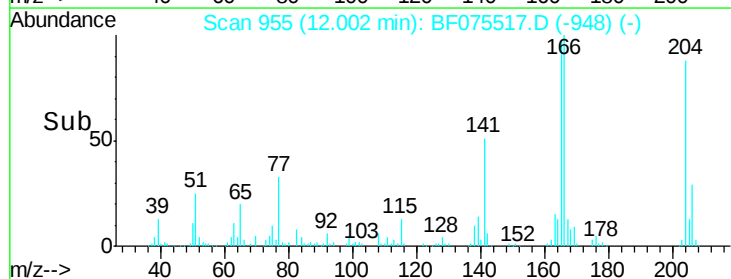
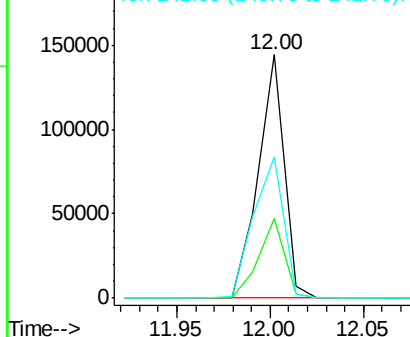
Lab File: BF075517.D

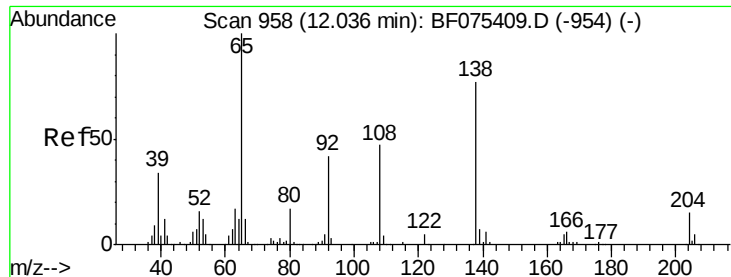
Acq: 15 Nov 2014 2:13

Tgt Ion:	204	Resp:	138568
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.1	37.7
141	57.8	58.6	87.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





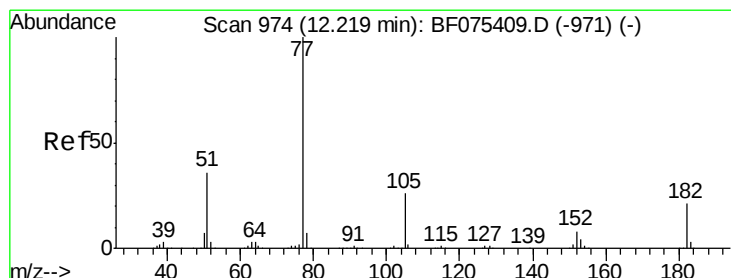
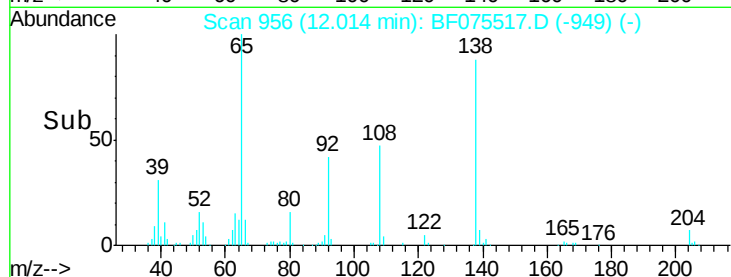
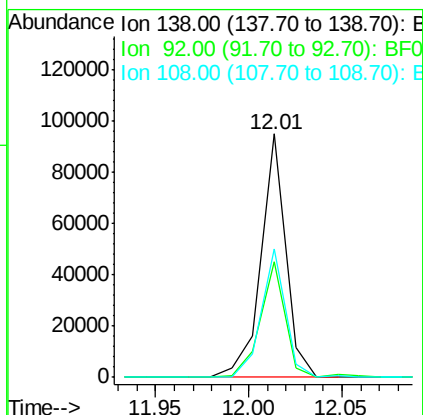
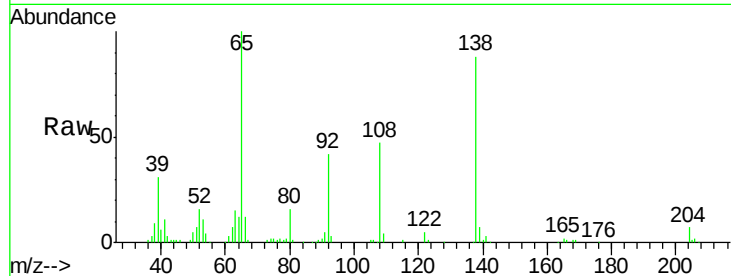
#61
4-Nitroaniline
Concen: 48.12 ng
RT: 12.01 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.3	34.8	74.8
108	52.8	50.6	90.6

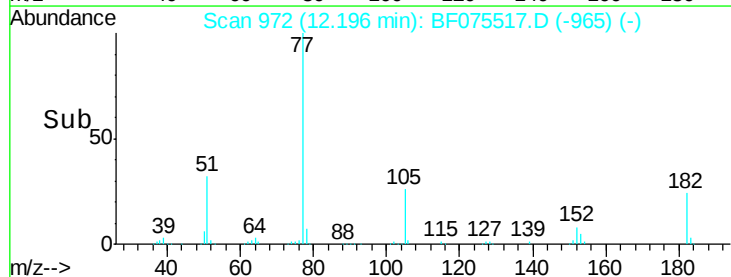
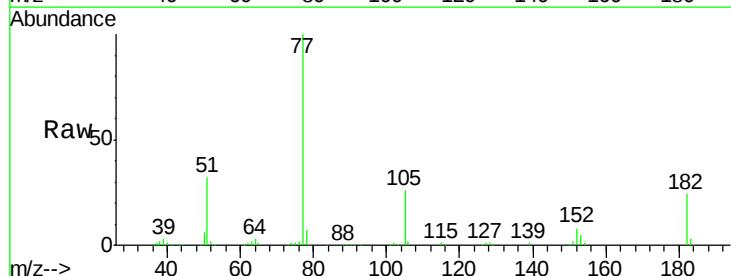
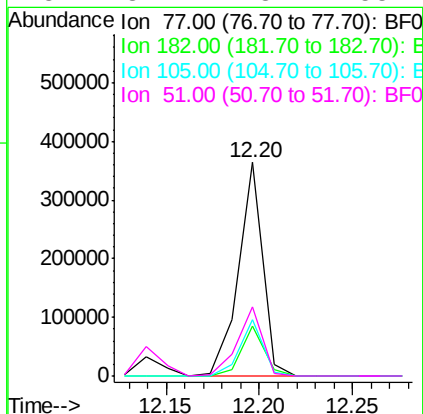
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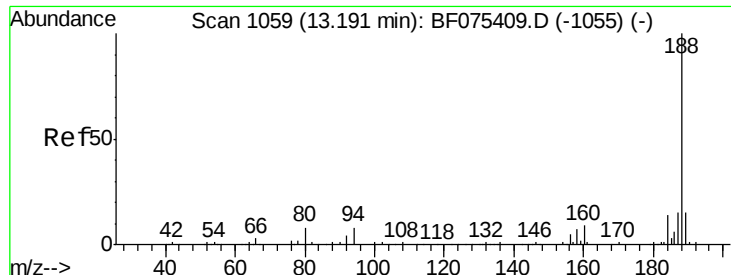
mohammad
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#62
Azobenzene
Concen: 46.78 ng
RT: 12.20 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	0.0	37.1
105	26.5	3.7	43.7
51	32.2	18.7	58.7





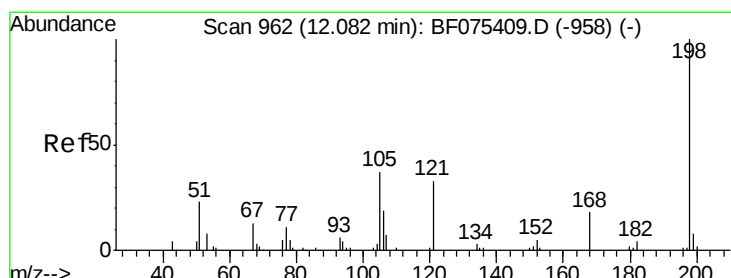
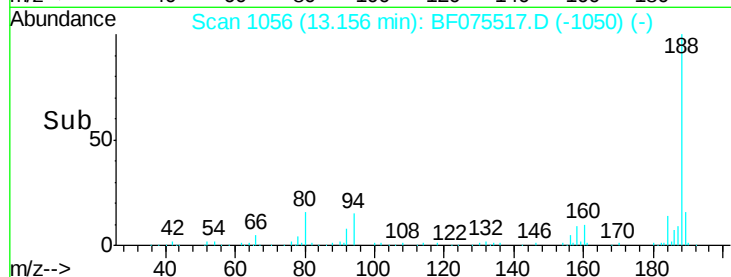
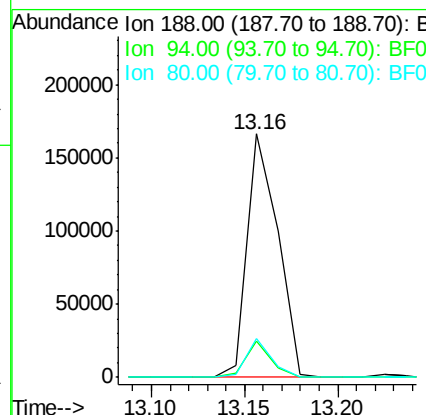
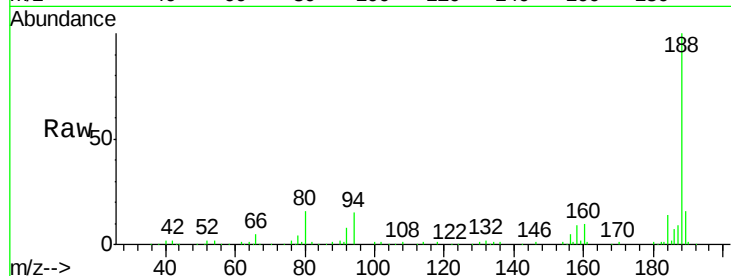
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	189481		
94	14.7	7.8	11.6#	
80	16.1	8.0	12.0#	

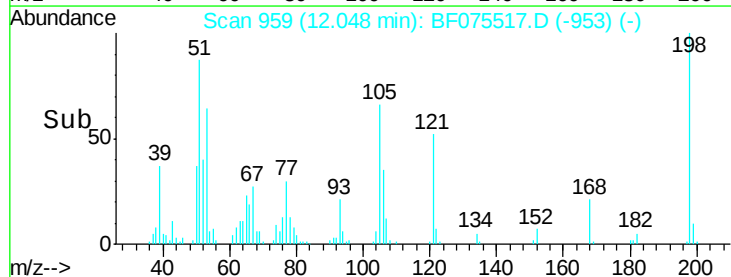
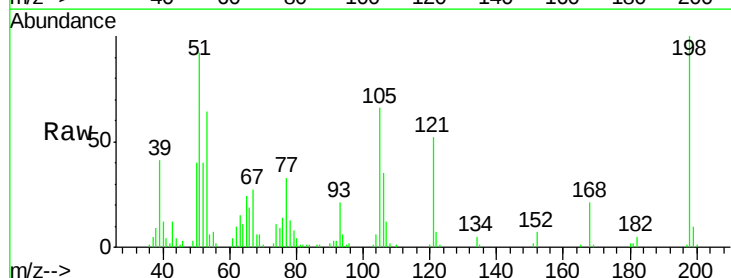
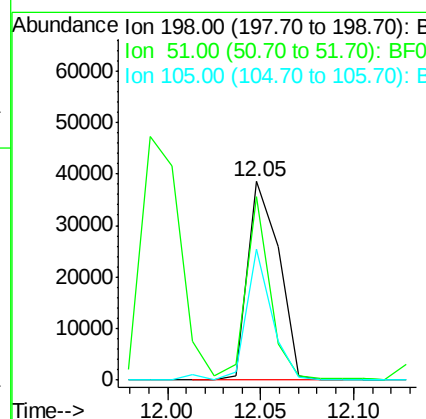
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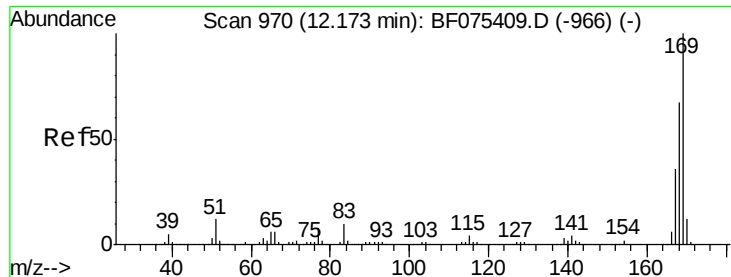
mohammad
11/17/2014 7:35:36 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.32 ng
RT: 12.05 min Scan# 959
Delta R.T. -0.03 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	45351		
51	92.2	26.0	66.0#	
105	65.9	24.2	64.2#	





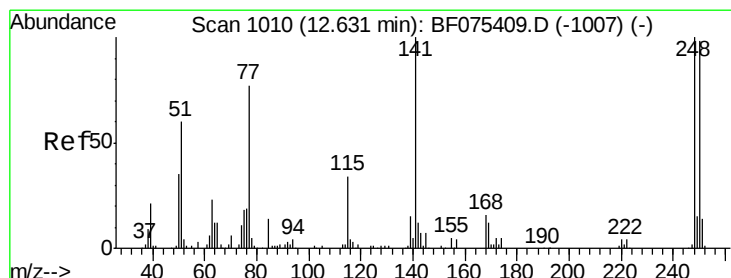
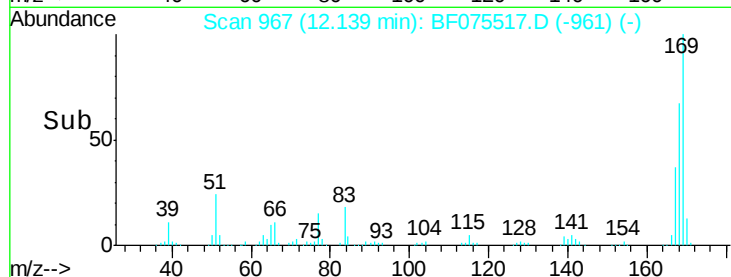
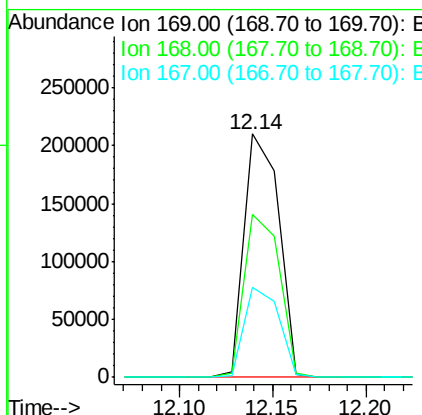
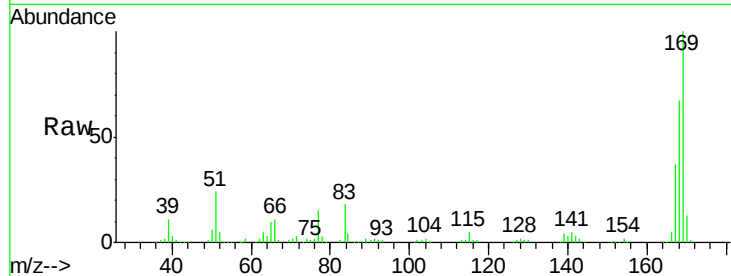
#65
n-Nitrosodiphenylamine
Concen: 45.31 ng
RT: 12.14 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	271543		
168	67.1	53.5	80.3	
167	36.9	29.8	44.6	

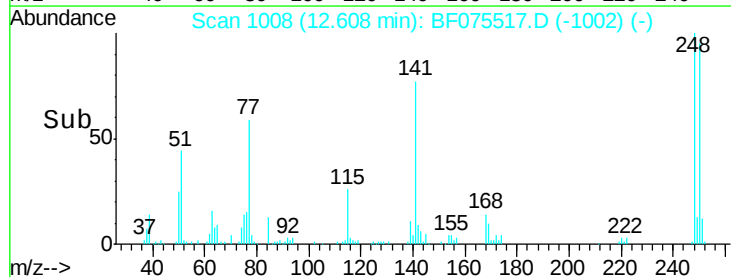
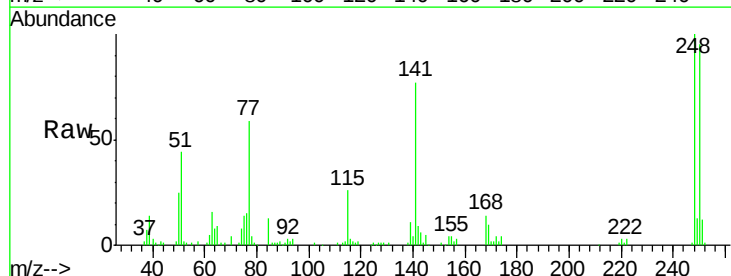
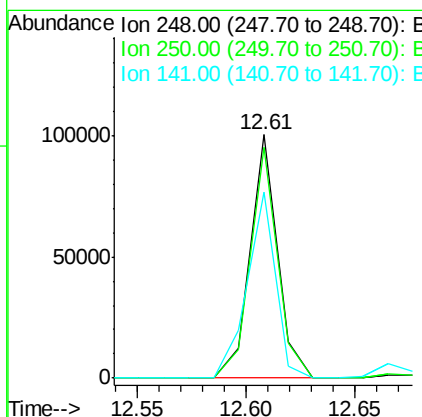
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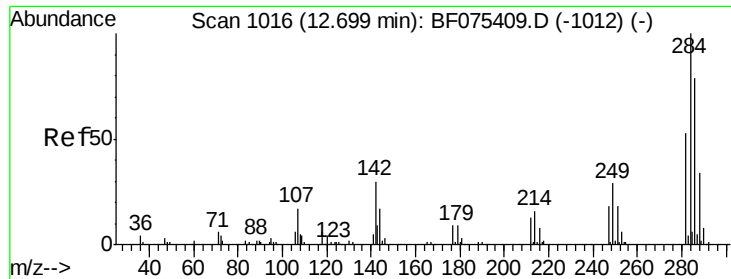
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 49.04 ng
RT: 12.61 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	87421		
250	94.8	76.3	114.5	
141	76.7	44.3	66.5	





#67

Hexachlorobenzene

Concen: 47.34 ng

RT: 12.68 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

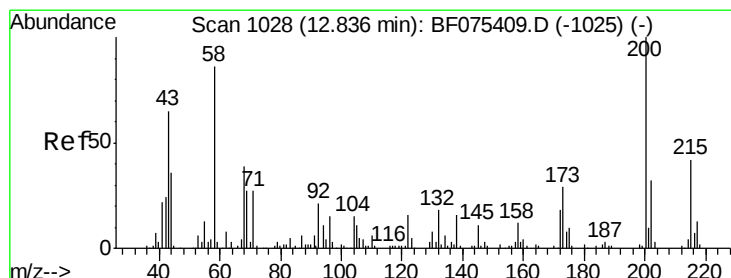
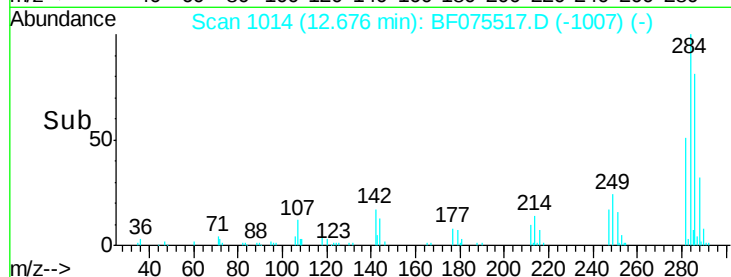
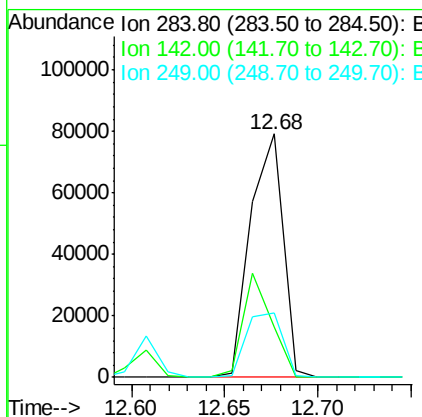
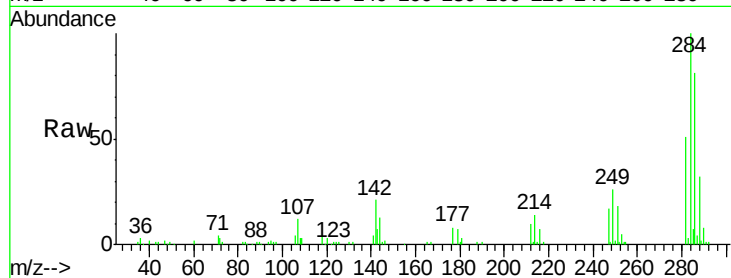
ClientSampled :

PB80280BS

Tot Ion:	284	Resp:	95828
Ion Ratio		Lower	Upper
284	100		
142	20.9	28.7	43.1#
249	26.2	24.1	36.1

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#68

Atrazine

Concen: 36.93 ng

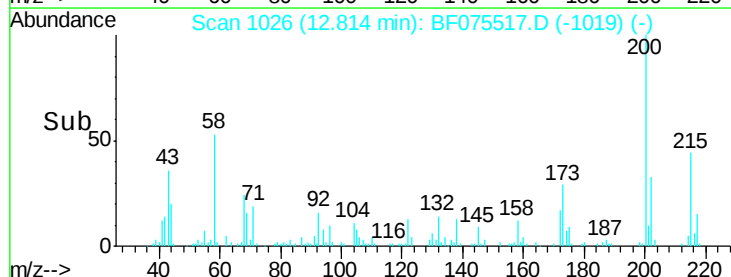
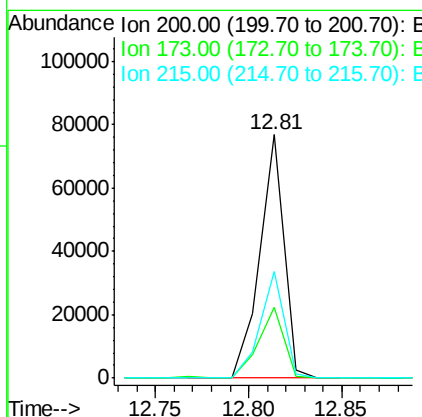
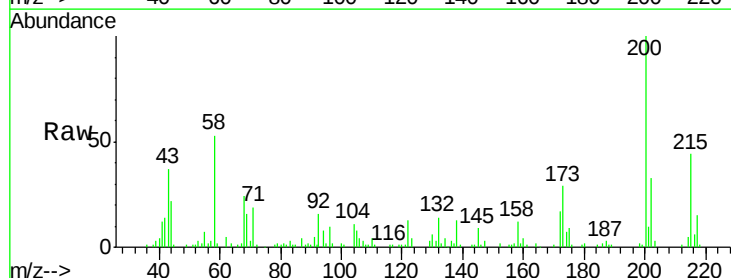
RT: 12.81 min Scan# 1026

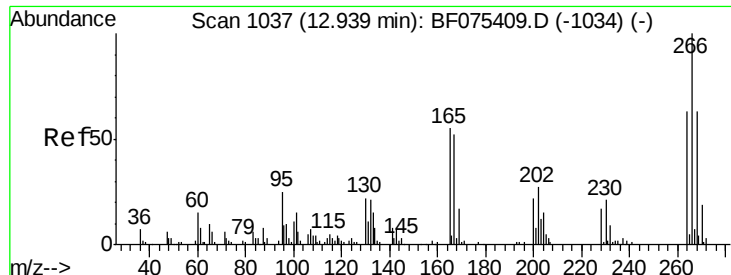
Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Tgt Ion:	200	Resp:	68686
Ion Ratio		Lower	Upper
200	100		
173	29.1	12.3	52.3
215	43.9	23.8	63.8





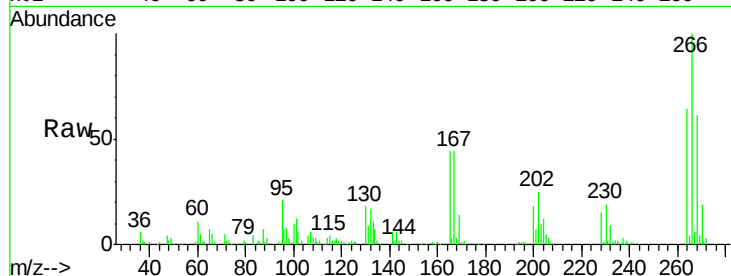
#69
 Pentachlorophenol
 Concen: 93.31 ng
 RT: 12.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

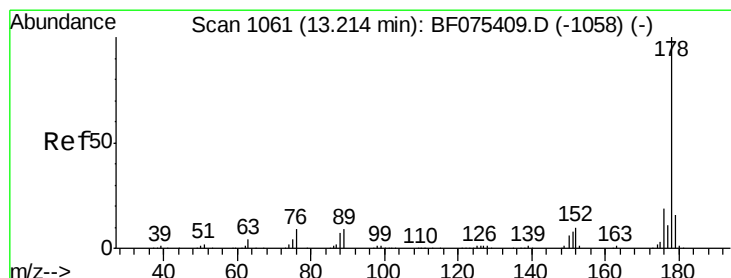
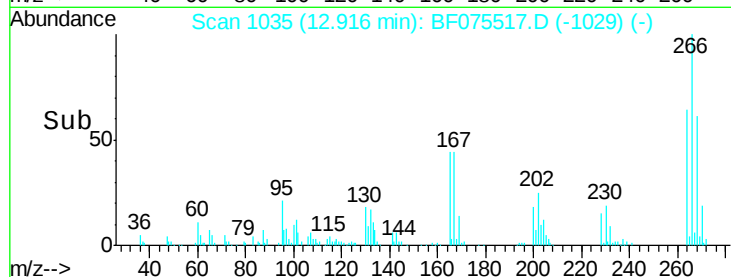
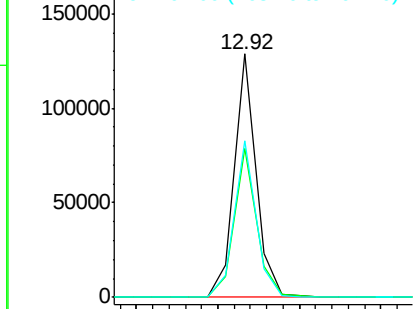
Tot Ion	Ratio	Resp	Lower	Upper
266	100	118565		
268	61.2	48.6	73.0	
264	64.2	52.1	78.1	

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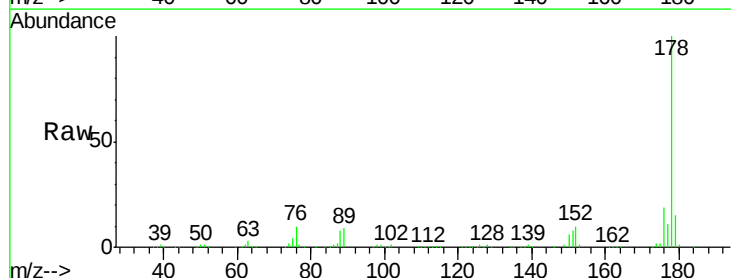


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

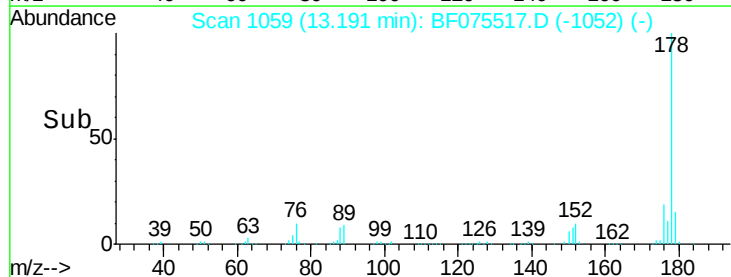
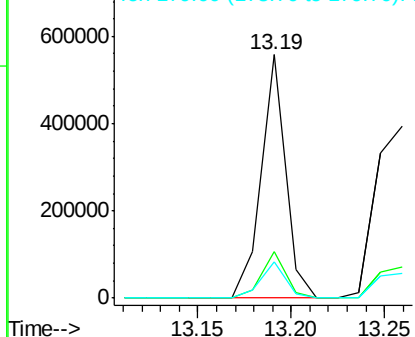


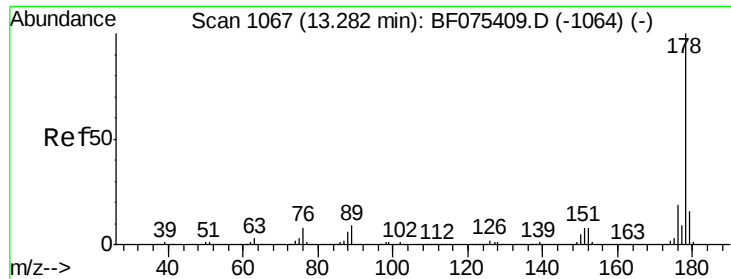
#70
 Phenanthrene
 Concen: 50.23 ng
 RT: 13.19 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	500921		
176	19.3	15.3	22.9	
179	14.7	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





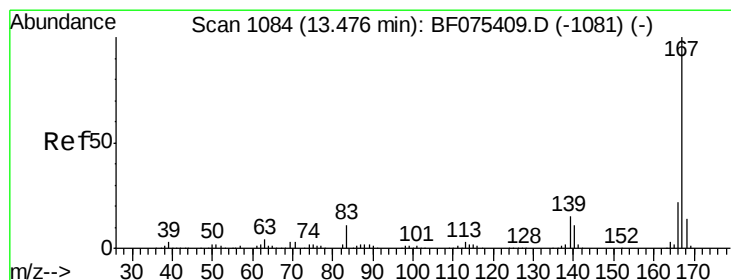
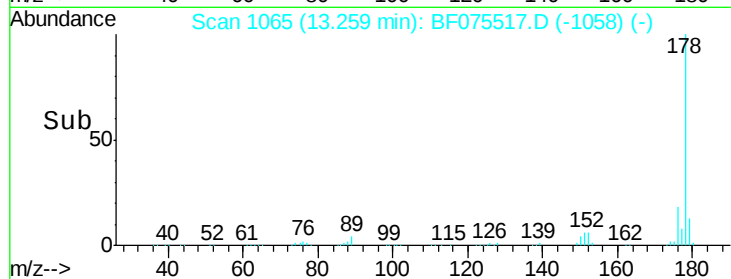
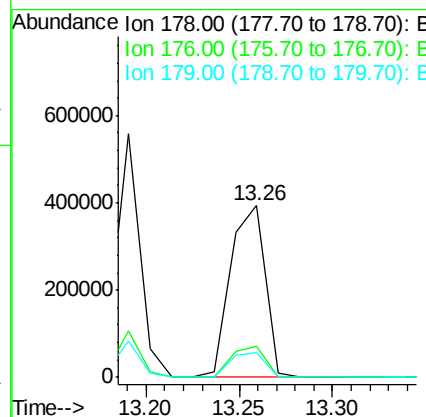
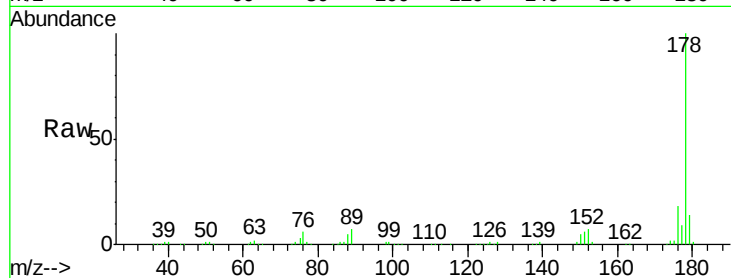
#71
 Anthracene
 Concen: 49.77 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	14.2	12.2	18.2

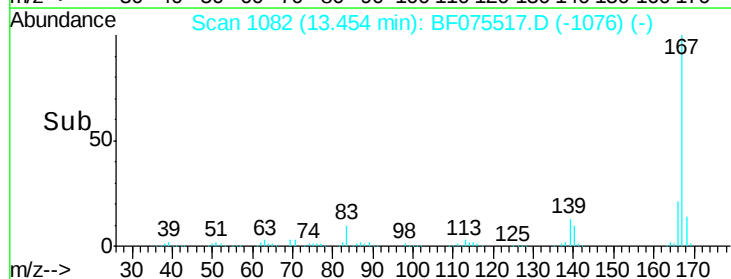
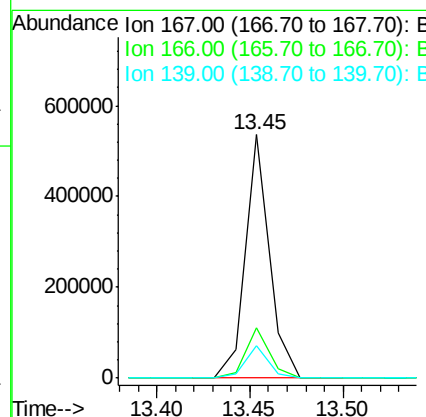
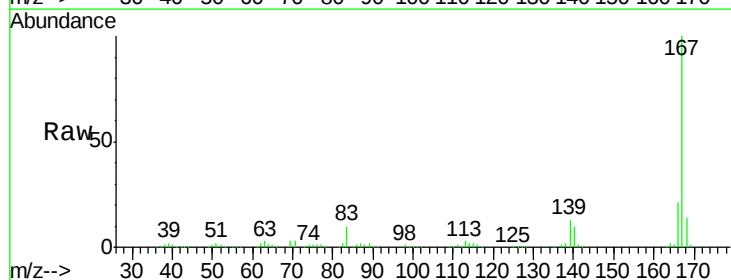
Manual Integrations
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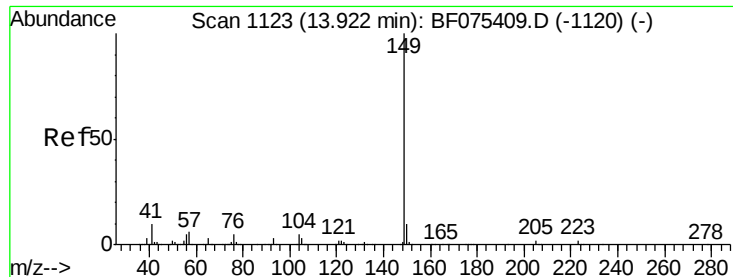
mohammad
 11/17/2014 7:35:36 PM



#72
 Carbazole
 Concen: 47.64 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.4	26.0
139	13.1	10.1	15.1





#73

Di-n-butylphthalate

Concen: 42.82 ng

RT: 13.90 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

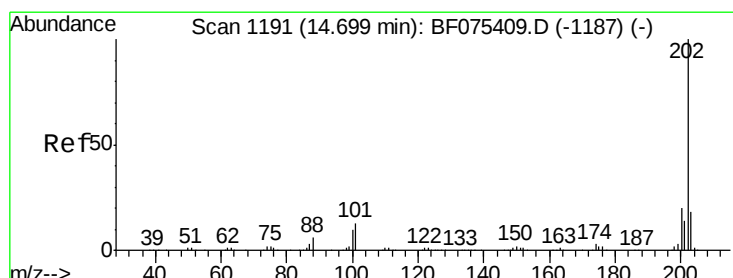
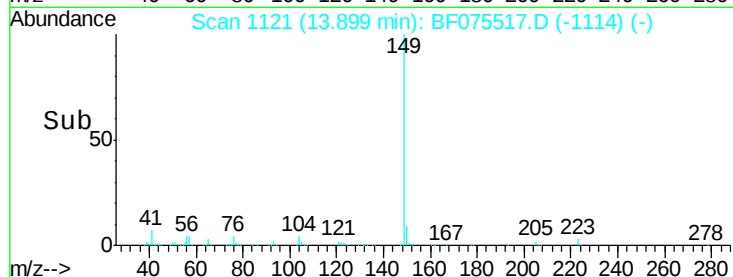
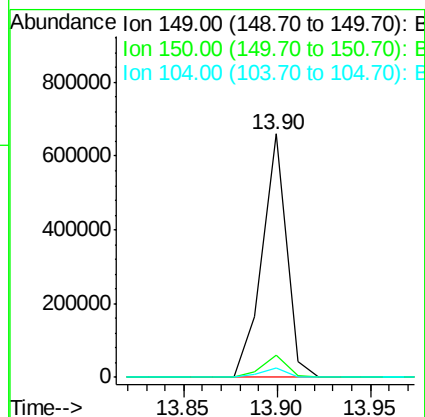
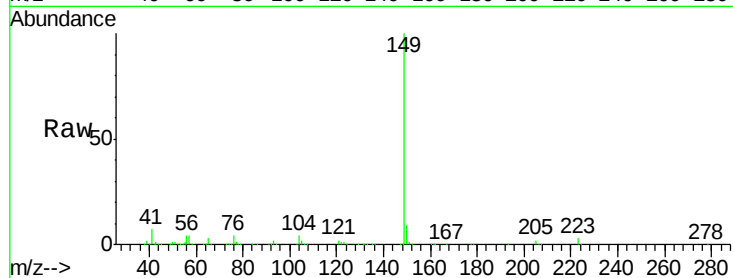
ClientSampleId :

PB80280BS

Tot Ion:	149	Resp:	596571
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.3	10.9
104	4.0	3.1	4.7

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#74

Fluoranthene

Concen: 48.52 ng

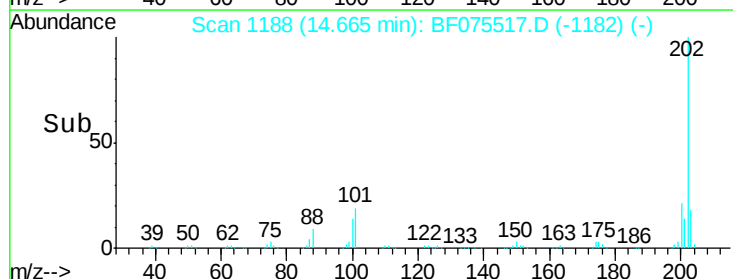
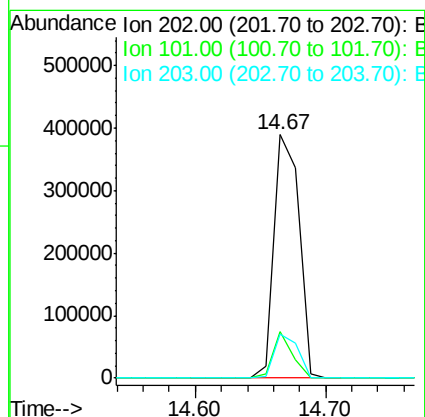
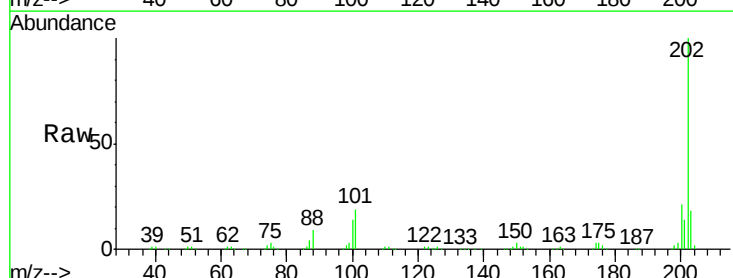
RT: 14.67 min Scan# 1188

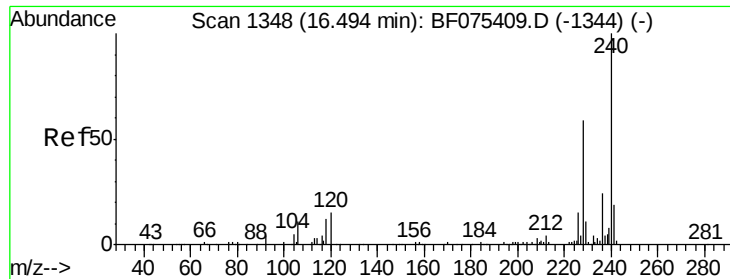
Delta R.T. -0.03 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Tgt Ion:	202	Resp:	518222
Ion Ratio	Lower	Upper	
202	100		
101	19.2	0.0	36.6
203	18.2	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.09 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

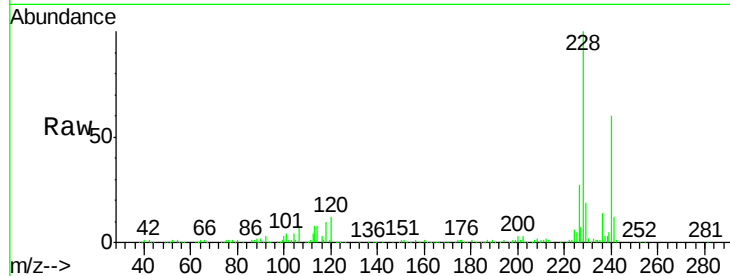
ClientSampleId :

PB80280BS

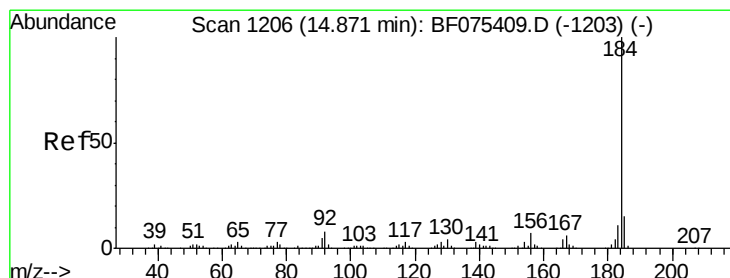
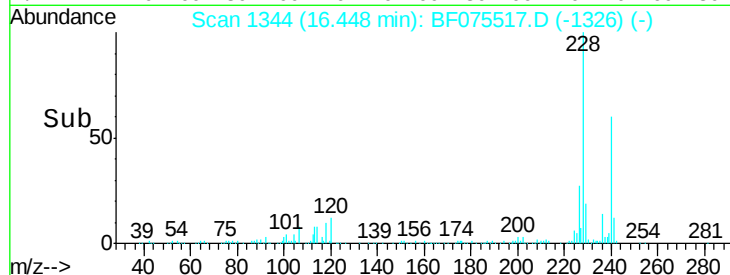
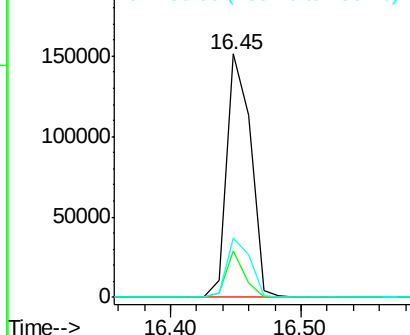
Tot Ion:	240	Resp:	193053
Ion Ratio	Lower	Upper	
240	100		
120	19.3	9.6	14.4#
236	24.2	18.9	28.3

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.85 ng m

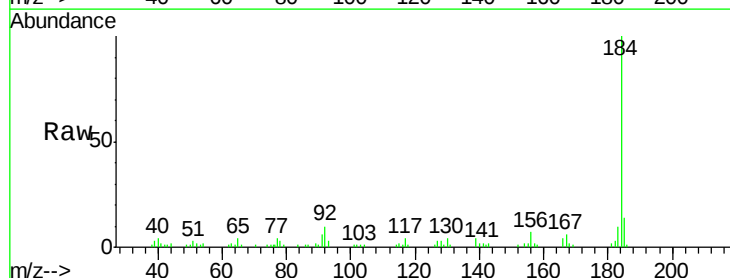
RT: 14.84 min Scan# 1203

Delta R.T. -0.03 min

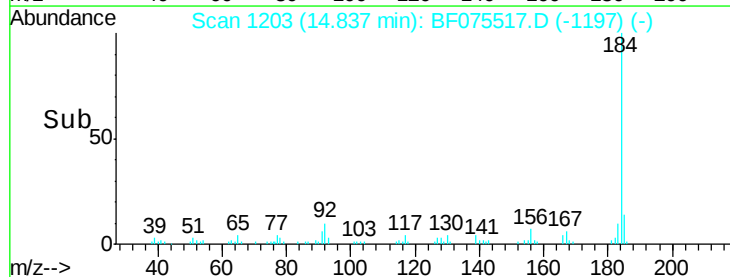
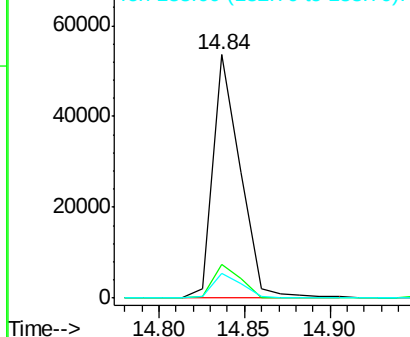
Lab File: BF075517.D

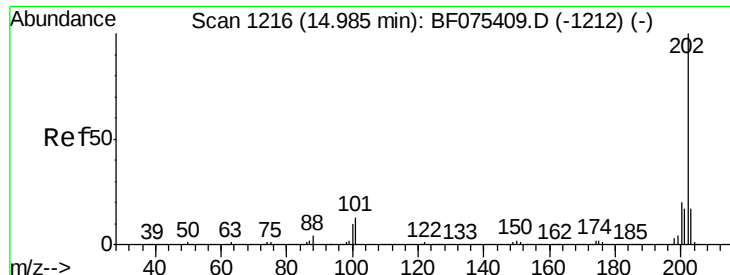
Acq: 15 Nov 2014 2:13

Tgt Ion:	184	Resp:	60494
Ion Ratio	Lower	Upper	
184	100		
185	13.7	10.9	16.3
183	10.4	8.7	13.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





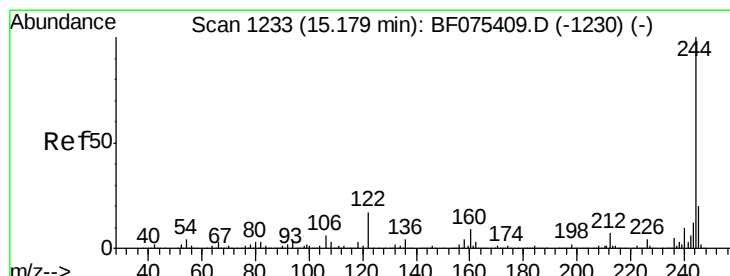
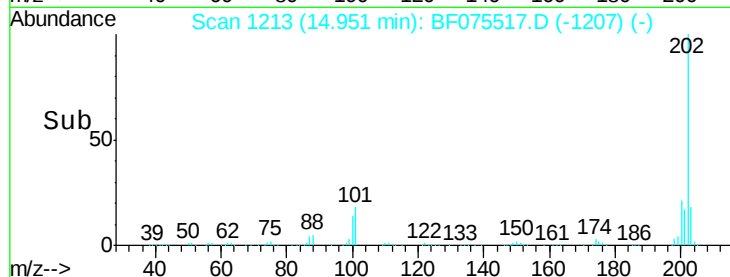
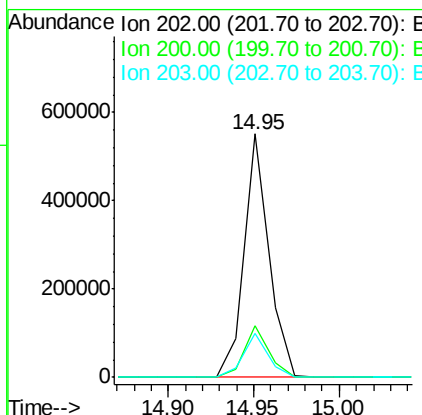
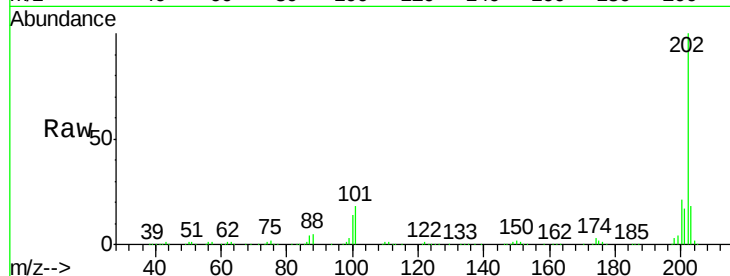
#77
Pvrene
Concen: 49.08 ng m
RT: 14.95 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.9	14.3	21.5

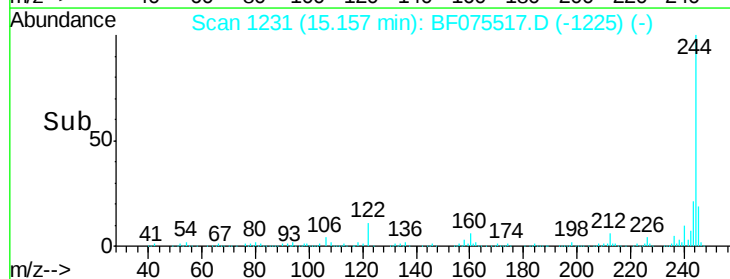
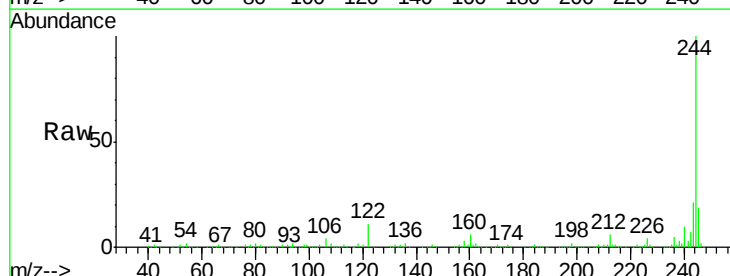
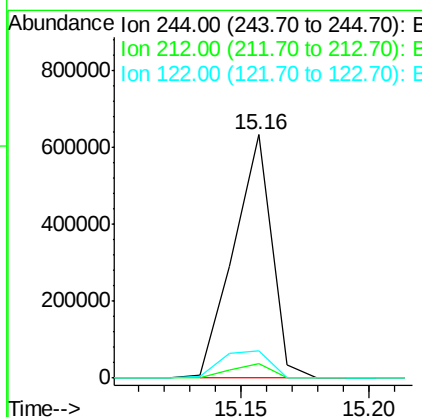
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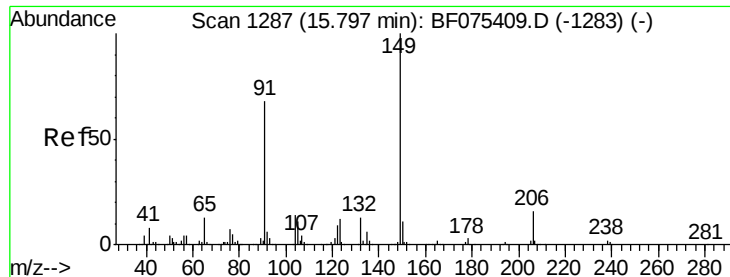
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#78
Terphenyl-d14
Concen: 91.74 ng m
RT: 15.16 min Scan# 1231
Delta R.T. -0.03 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.0	5.5	8.3
122	11.1	9.7	14.5





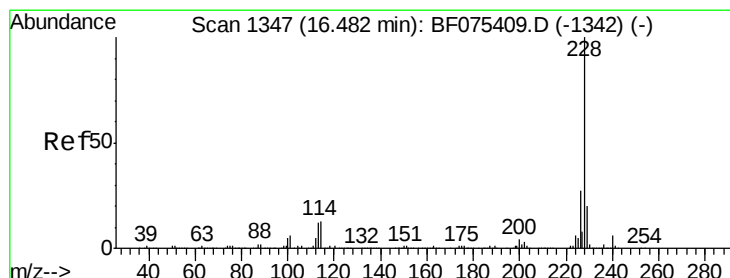
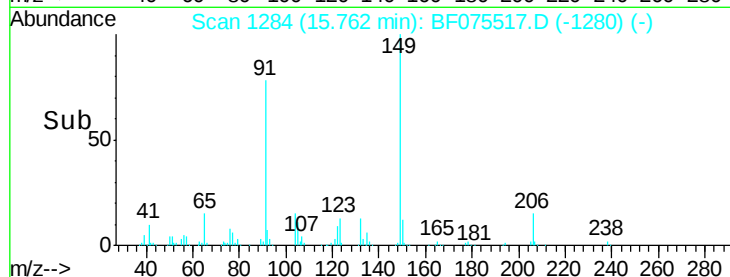
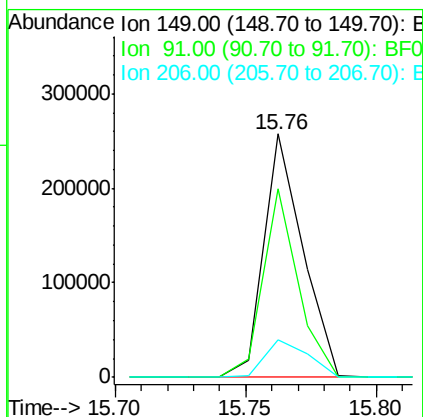
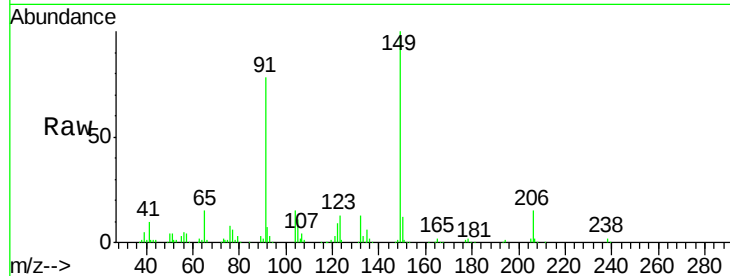
#79
Butylbenzylphthalate
Concen: 42.44 ng
RT: 15.76 min Scan# 1284
Delta R.T. -0.06 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	267526		
91	77.5	49.0	73.4#	
206	15.2	15.5	23.3#	

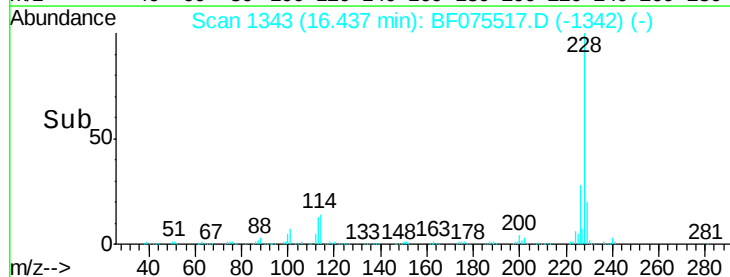
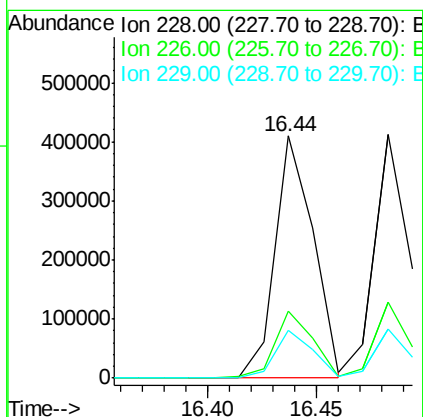
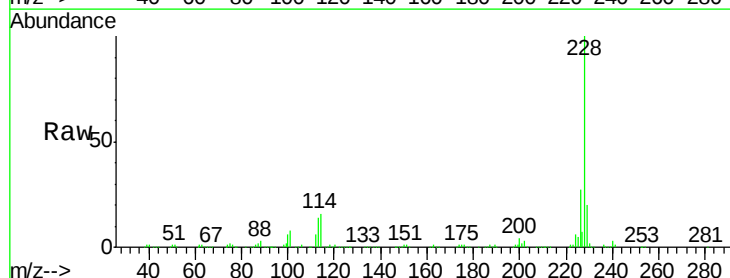
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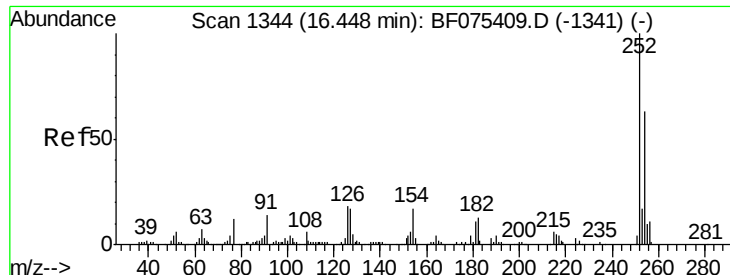
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#80
Benzo(a)anthracene
Concen: 49.76 ng
RT: 16.44 min Scan# 1343
Delta R.T. -0.09 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	504612		
226	27.5	21.8	32.8	
229	19.8	15.3	22.9	





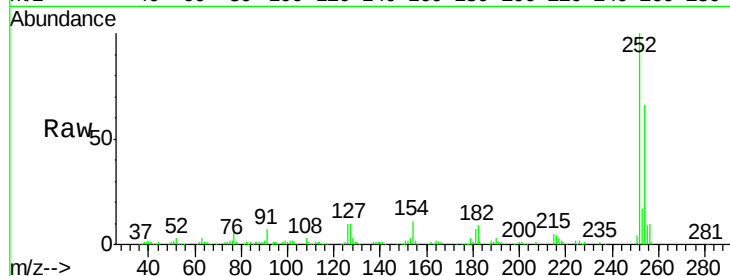
#81
 3,3'-Dichlorobenzidine
 Concen: 40.05 ng
 RT: 16.41 min Scan# 1341
 Delta R.T. -0.09 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

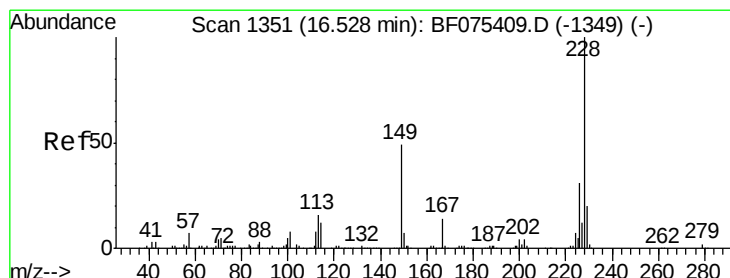
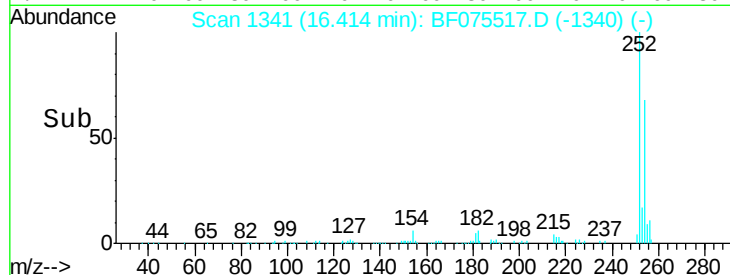
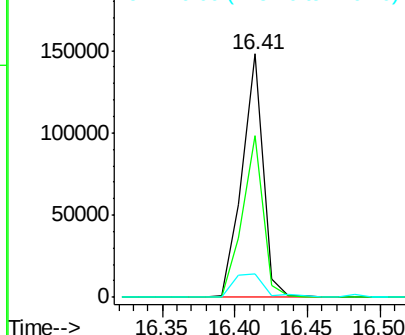
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.3	50.0	75.0
126	9.8	16.0	24.0

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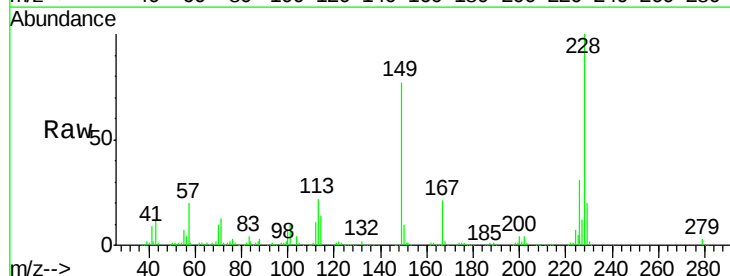


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

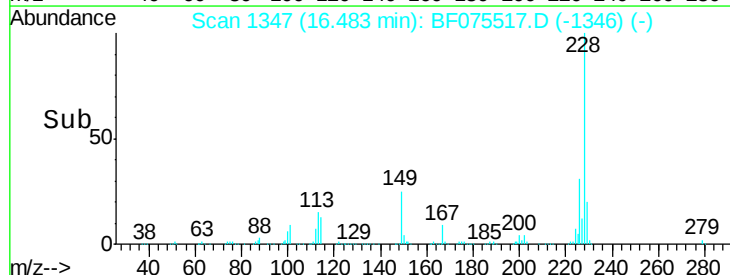
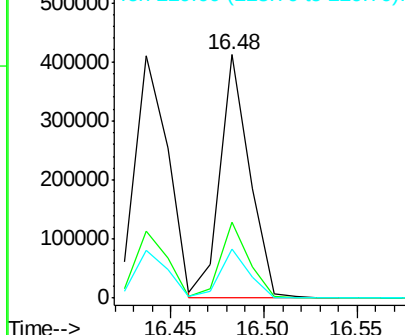


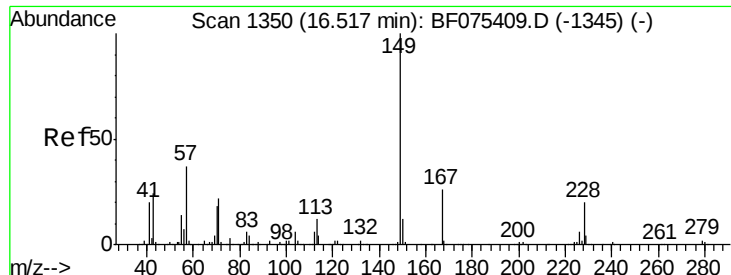
#82
 Chrysene
 Concen: 51.49 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.09 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	23.8	35.6
229	20.2	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.57 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.09 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

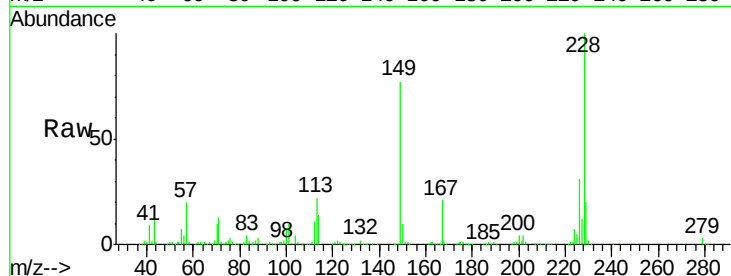
ClientSampleId :

PB80280BS

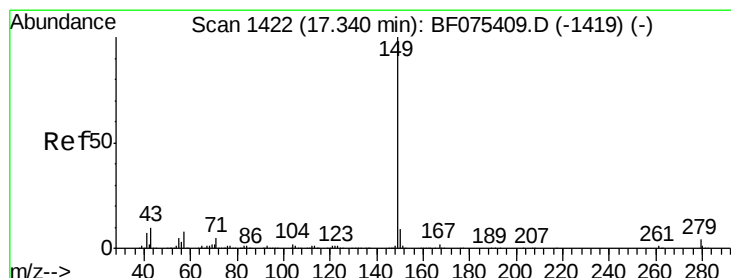
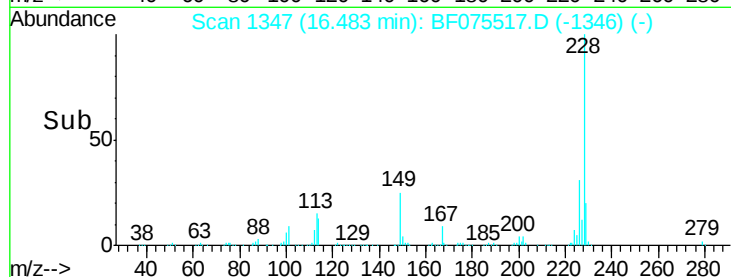
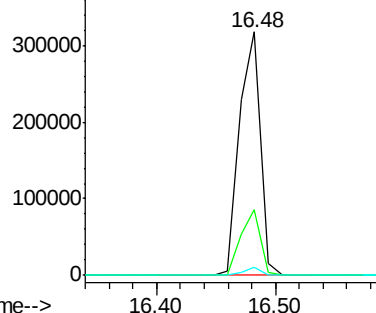
Tot Ion:	149	Resp:	392890
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.4	32.2
279	3.4	2.8	4.2

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



#84

Di-n-octyl phthalate

Concen: 39.20 ng m

RT: 17.26 min Scan# 1415

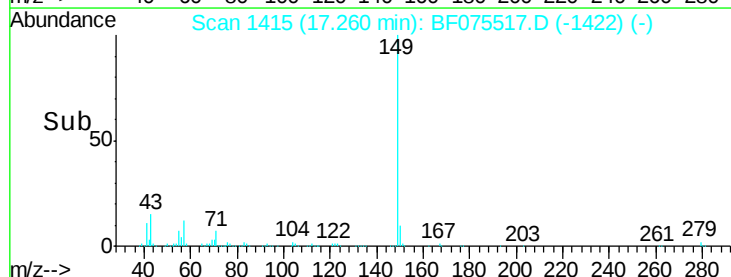
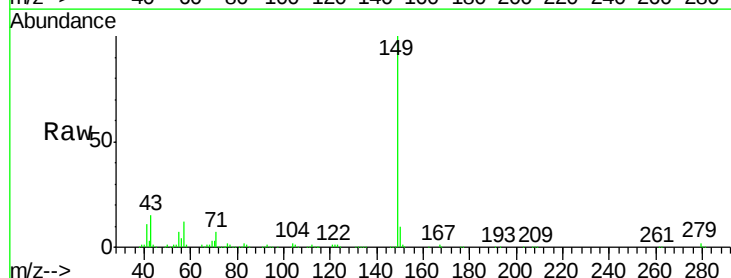
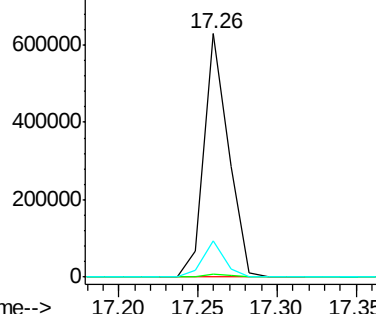
Delta R.T. -0.18 min

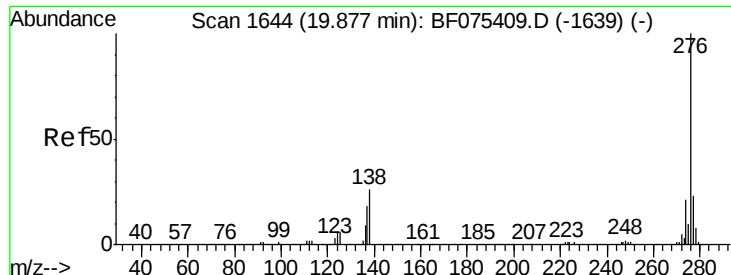
Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Tgt Ion:	149	Resp:	685212
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.1	1.7#
43	0.0	11.0	16.4#

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





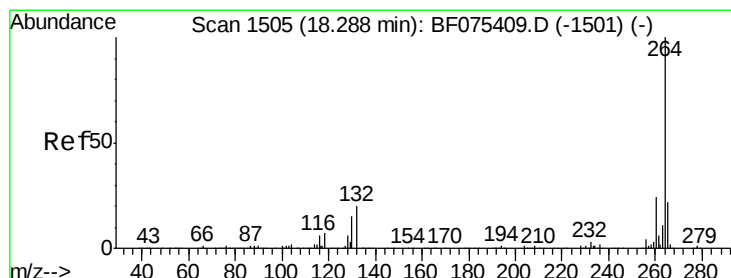
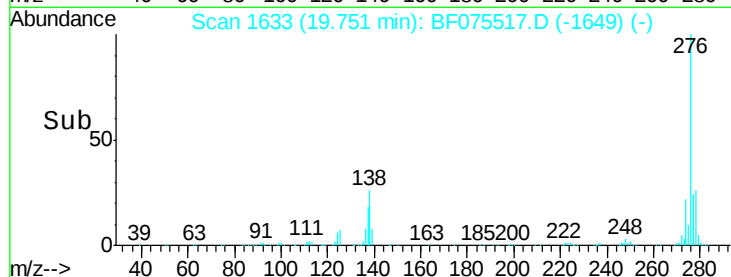
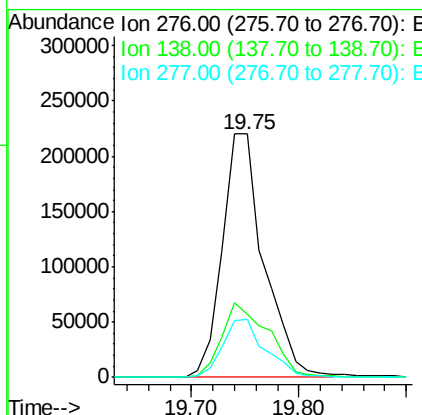
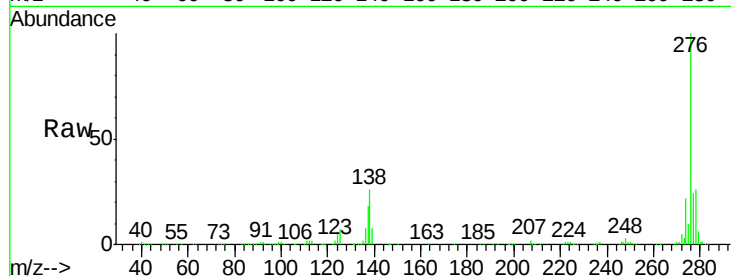
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.74 ng/ml
 RT: 19.75 min Scan# 1633
 Delta R.T. -0.29 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

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

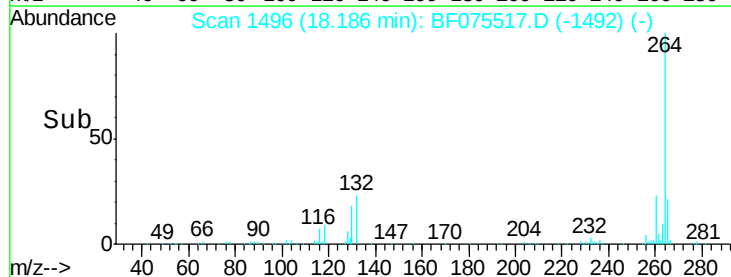
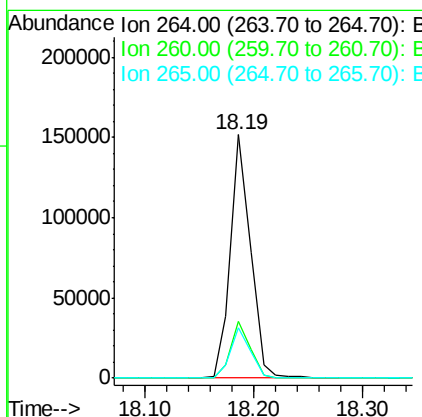
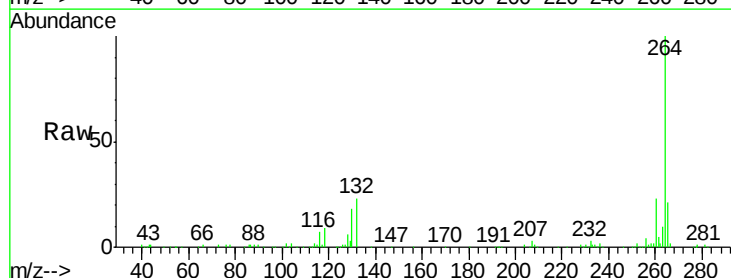
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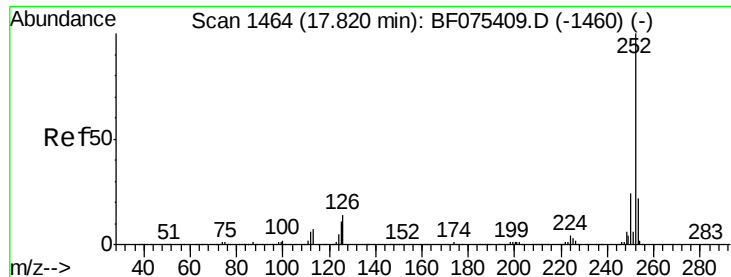
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.19 min Scan# 1496
 Delta R.T. -0.25 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.2	17.9	26.9
265	20.6	16.3	24.5





#87

Benzo(b)fluoranthene

Concen: 48.62 ng

RT: 17.73 min Scan# 1456

Delta R.T. -0.22 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

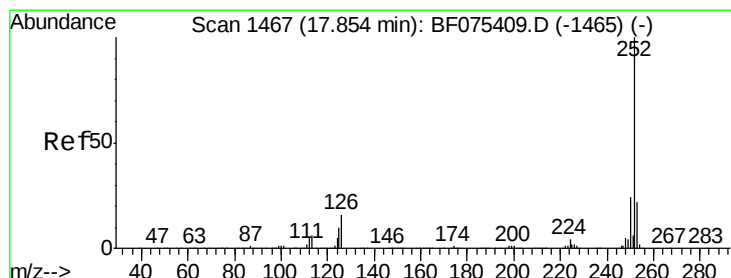
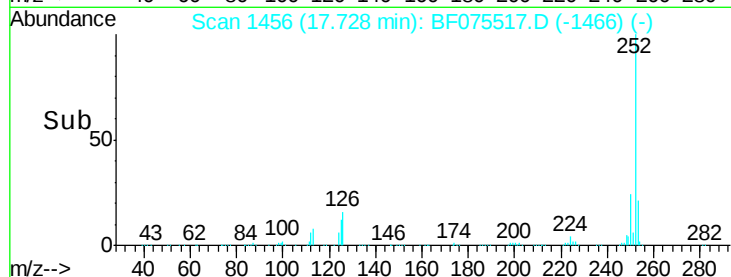
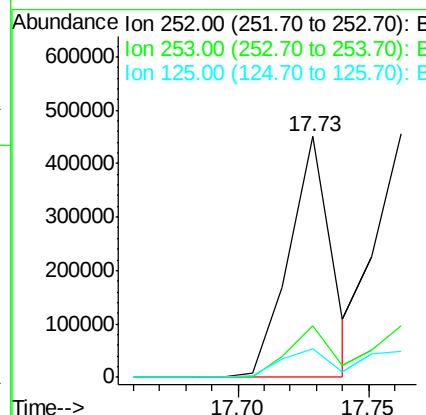
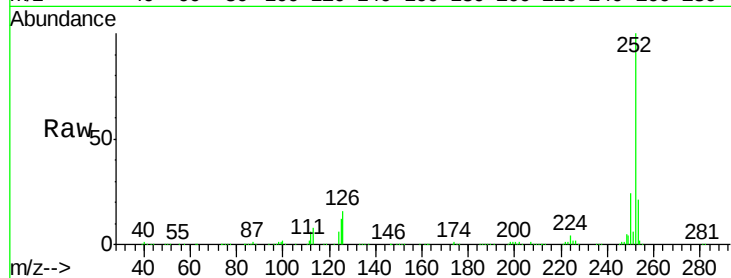
ClientSampleId :

PB80280BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	11.6	11.8	17.6#

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#88

Benzo(k)fluoranthene

Concen: 56.35 ng m

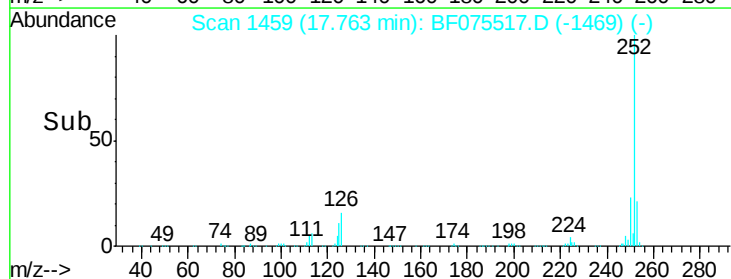
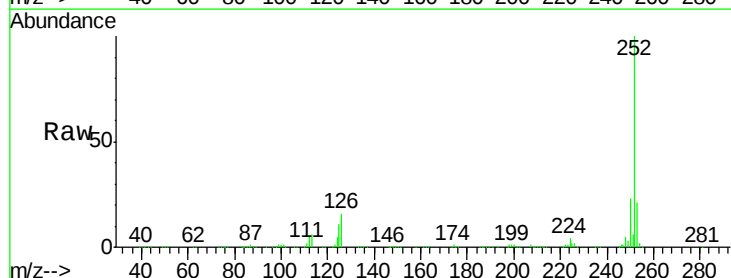
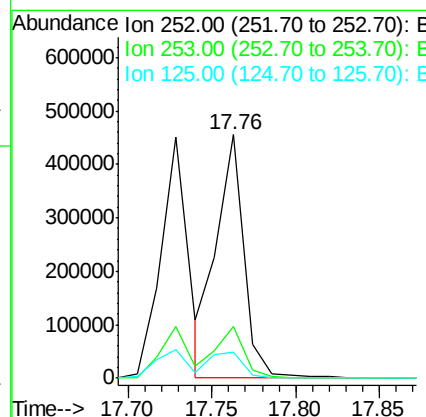
RT: 17.76 min Scan# 1459

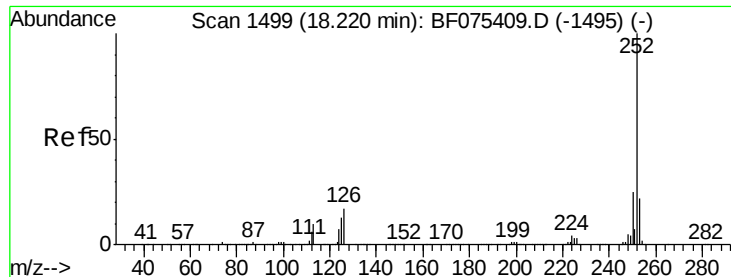
Delta R.T. -0.22 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	10.9	11.6	17.4#





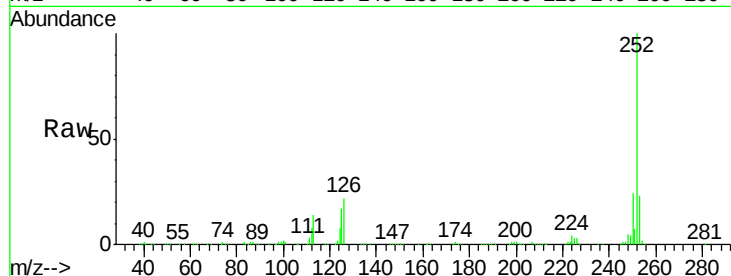
#89
Benzo(a)pyrene
Concen: 53.44 ng
RT: 18.12 min Scan# 1490
Delta R.T. -0.25 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

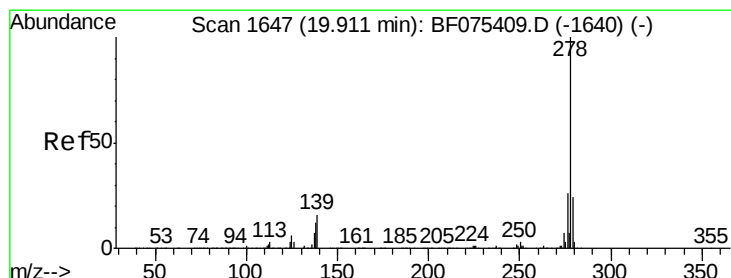
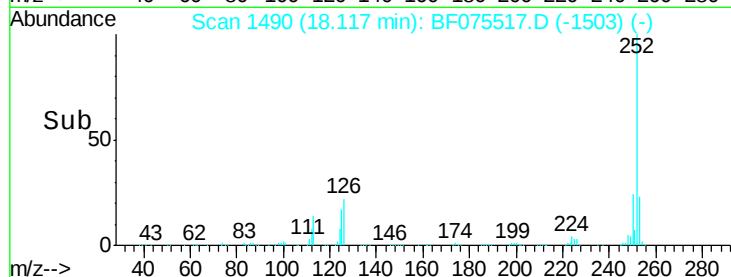
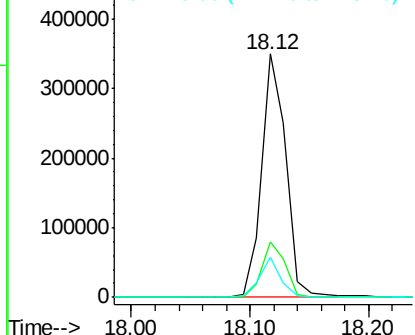
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	16.6	12.2	18.4

Manual Integrations
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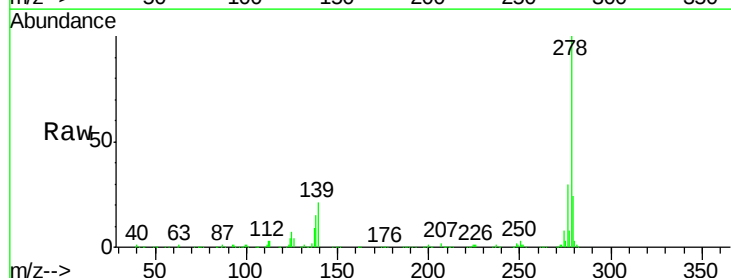


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

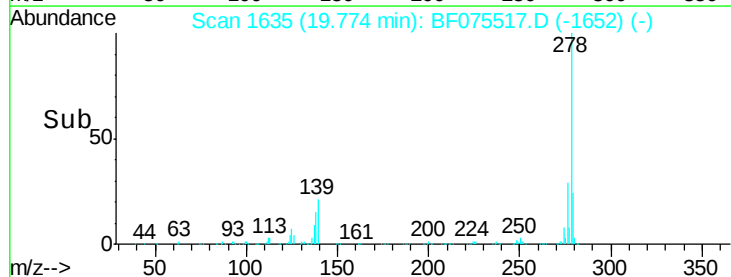
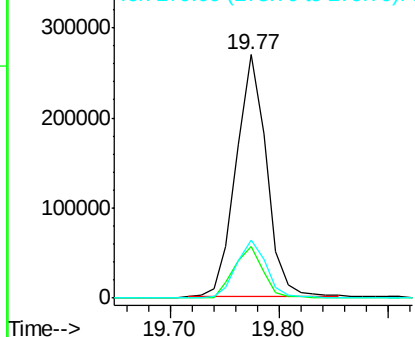


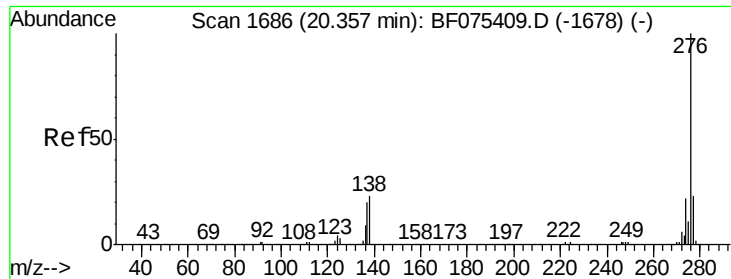
#90
Dibenzo(a,h)anthracene
Concen: 53.94 ng
RT: 19.77 min Scan# 1635
Delta R.T. -0.30 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	13.6	20.4#
279	23.6	19.4	29.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





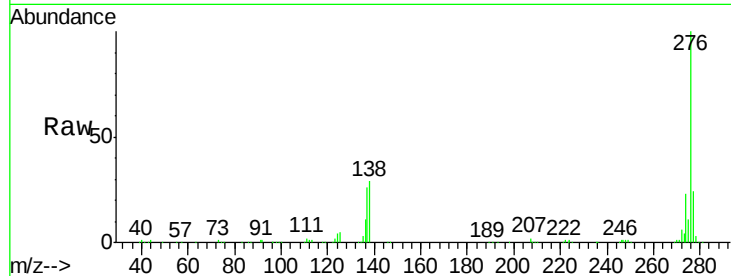
#91
 Benzo(a,h,i)perylene
 Concen: 56.60 ng
 RT: 20.21 min Scan# 1673
 Delta R.T. -0.30 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.8	26.8
138	28.9	22.8	34.2

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

