

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075518.D
 Acq On : 15 Nov 2014 2:41
 Operator : TP / JJ
 Sample : PB80231BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80231BS

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:35:15 PM

Quant Time: Nov 17 12:07:07 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	46784	20.00	ng	-0.03
21) Naphthalene-d8	9.13	136	211912	20.00	ng	-0.02
38) Acenaphthene-d10	11.30	164	108556	20.00	ng	-0.03
63) Phenanthrene-d10	13.16	188	181107	20.00	ng	-0.03
75) Chrysene-d12	16.45	240	196266	20.00	ng	-0.09
86) Perylene-d12	18.19	264	186578	20.00	ng	-0.25

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	44321	16.74	ng	-0.02
7) Phenol-d6	7.09	99	57719	18.12	ng	-0.02
23) Nitrobenzene-d5	8.24	82	28947	10.01	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	11922	13.11	ng	-0.03
44) 2-Fluorobiphenyl	10.47	172	63477	10.57	ng	-0.02
78) Terphenyl-d14	15.15	244	66410m	9.11	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	6928m	6.23	ng	
3) Pyridine	3.37	79	9661m	3.23	ng	
4) n-Nitrosodimethylamine	3.24	42	8453m	5.35	ng	
6) Aniline	7.13	93	17204	3.74	ng	97
8) 2-Chlorophenol	7.28	128	14645	4.78	ng	99
10) Phenol	7.10	94	19434	5.00	ng	95
11) bis(2-Chloroethyl)ether	7.22	93	14950	5.08	ng	98
12) 1,3-Dichlorobenzene	7.48	146	15841	4.74	ng	96
13) 1,4-Dichlorobenzene	7.57	146	17223	5.07	ng	98
14) 1,2-Dichlorobenzene	7.75	146	16079	5.05	ng	95
15) Benzyl Alcohol	7.72	79	10137	4.05	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	7.90	45	30826	5.06	ng	99
17) 2-Methylphenol	7.86	107	11641	4.59	ng	97
18) Hexachloroethane	8.17	117	5559	4.77	ng	# 85
19) n-Nitroso-di-n-propylamine	8.05	70	10218	4.71	ng	# 92
20) 3+4-Methylphenols	8.05	107	15653	4.71	ng	# 79
22) Acetophenone	8.05	105	22339	4.89	ng	# 79
24) Nitrobenzene	8.26	77	14906	4.45	ng	95
25) Isophorone	8.56	82	28756	4.36	ng	96
26) 2-Nitrophenol	8.65	139	6566	4.30	ng	93
27) 2,4-Dimethylphenol	8.71	122	12639	4.27	ng	99
28) bis(2-Chloroethoxy)methane	8.84	93	20253	5.04	ng	98
29) 2,4-Dichlorophenol	8.95	162	11215	4.33	ng	96
30) 1,2,4-Trichlorobenzene	9.06	180	12110	4.45	ng	95
31) Naphthalene	9.16	128	49433	5.23	ng	99
32) Benzoic acid	8.76	122	5928	3.32	ng	94
33) 4-Chloroaniline	9.22	127	14499	3.53	ng	98
34) Hexachlorobutadiene	9.30	225	5742	3.90	ng	# 91
35) Caprolactam	9.62	113	2929	3.41	ng	# 77
36) 4-Chloro-3-methylphenol	9.82	107	12444	4.38	ng	99
37) 2-Methylnaphthalene	10.01	142	29698	4.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	11588	5.19	ng	95
40) Hexachlorocyclopentadiene	10.21	237	11047	8.15	ng	97
42) 2,4,6-Trichlorophenol	10.37	196	6744	3.80	ng	96

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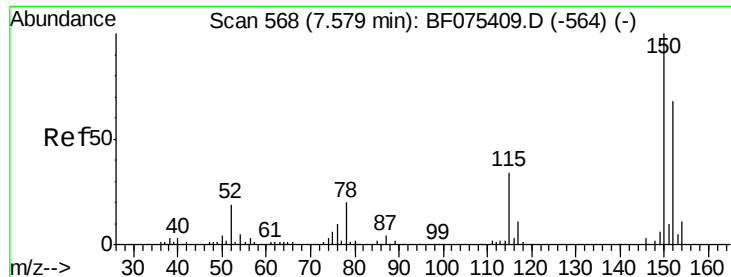
Manual Integrations
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 11/17/2014 7:35:15 PM

Quant Time: Nov 17 12:07:07 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.40	196	7514	4.07	nq	# 91
45) 1,1'-Biphenyl	10.60	154	37095	5.07	nq	98
46) 2-Chloronaphthalene	10.62	162	29661	5.18	nq	97
47) 2-Nitroaniline	10.74	65	7316	4.25	nq	# 67
48) Acenaphthylene	11.13	152	49400	5.23	nq	98
49) Dimethylphthalate	10.97	163	33517	4.52	nq	100
50) 2,6-Dinitrotoluene	11.05	165	5721	3.91	nq	# 65
51) Acenaphthene	11.35	154	29533	5.18	nq	98
52) 3-Nitroaniline	11.25	138	7097	4.12	nq	98
53) 2,4-Dinitrophenol	11.38	184	3424	7.34	nq	# 74
54) Dibenzofuran	11.57	168	39592	4.86	nq	91
55) 4-Nitrophenol	11.45	139	12079	8.77	nq	# 70
56) 2,4-Dinitrotoluene	11.54	165	8104	4.22	nq	# 78
57) Fluorene	11.99	166	32169	4.88	nq	97
58) 2,3,4,6-Tetrachlorophenol	11.72	232	6248	4.26	nq	# 95
59) Diethylphthalate	11.85	149	32211	4.18	nq	99
60) 4-Chlorophenyl-phenylether	12.00	204	14472	5.11	nq	# 80
61) 4-Nitroaniline	12.00	138	7151	4.15	nq	# 85
62) Azobenzene	12.20	77	29319	4.33	nq	83
64) 4,6-Dinitro-2-methylphenol	12.05	198	2649	2.89	nq	# 70
65) n-Nitrosodiphenylamine	12.14	169	27440	4.79	nq	98
66) 4-Bromophenyl-phenylether	12.61	248	8526	5.00	nq	93
67) Hexachlorobenzene	12.67	284	9870	5.10	nq	# 91
68) Atrazine	12.80	200	6765	3.81	nq	96
69) Pentachlorophenol	12.92	266	8583	7.07	nq	97
70) Phenanthrene	13.19	178	48779	5.12	nq	97
71) Anthracene	13.25	178	47516	4.82	nq	96
72) Carbazole	13.45	167	43924	4.56	nq	99
73) Di-n-butylphthalate	13.90	149	49231	3.70	nq	99
74) Fluoranthene	14.67	202	46879	4.59	nq	99
76) Benzidine	14.84	184	20655m	3.31	nq	
77) Pyrene	14.95	202	52325m	4.59	nq	
79) Butylbenzylphthalate	15.76	149	20921	3.26	nq	# 88
80) Benzo(a)anthracene	16.44	228	45824	4.44	nq	99
81) 3,3'-Dichlorobenzidine	16.41	252	12700	3.34	nq	# 91
82) Chrysene	16.48	228	46528	5.22	nq	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	33211	3.29	nq	94
84) Di-n-octyl phthalate	17.26	149	54828m	3.09	nq	
85) Indeno(1,2,3-cd)pyrene	19.73	276	50694m	4.69	nq	
87) Benzo(b)fluoranthene	17.72	252	47848	4.80	nq	98
88) Benzo(k)fluoranthene	17.75	252	43745m	4.89	nq	
89) Benzo(a)pyrene	18.12	252	44070	4.94	nq	95
90) Dibenzo(a,h)anthracene	19.76	278	45222	4.85	nq	# 94
91) Benzo(g,h,i)perylene	20.20	276	45259	5.10	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 565

Delta R.T. -0.03 min

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Instrument :

BNA_F

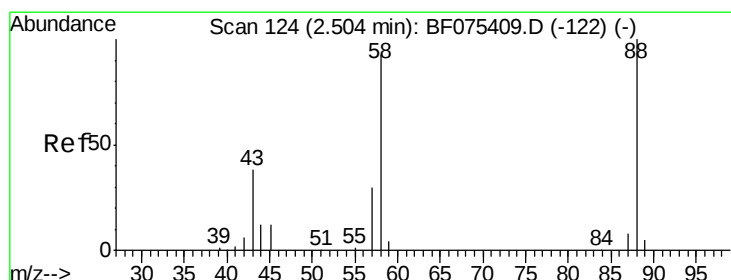
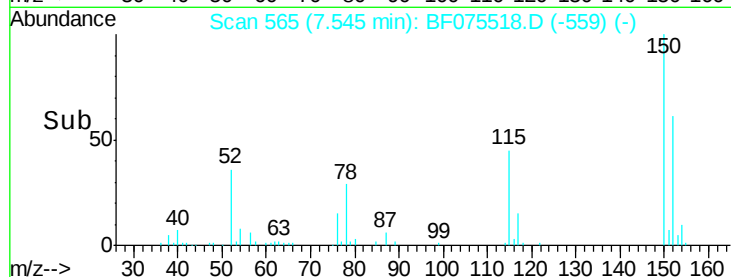
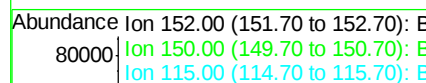
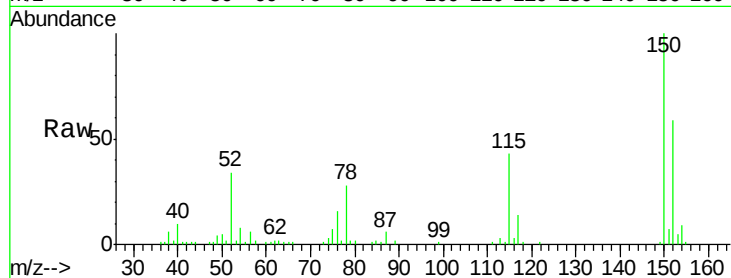
ClientSampleId :

PB80231BS

Tot Ion:	152	Resp:	46784
Ion	Ratio	Lower	Upper
152	100		
150	169.0	127.2	190.8
115	73.3	57.1	85.7

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#2

1,4-Dioxane

Concen: 6.23 ng m

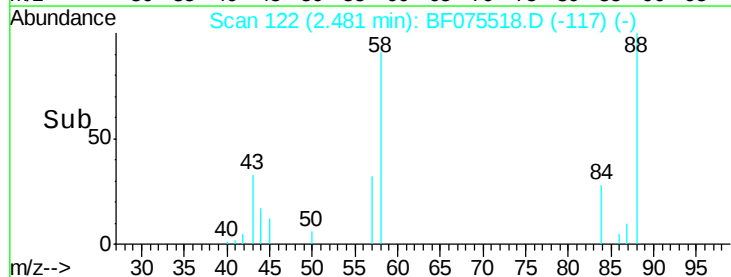
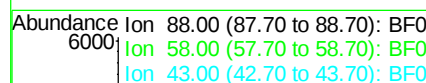
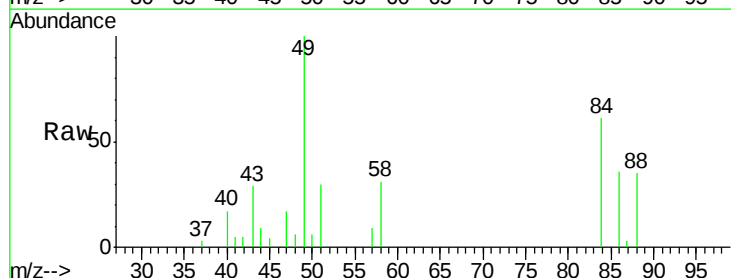
RT: 2.48 min Scan# 122

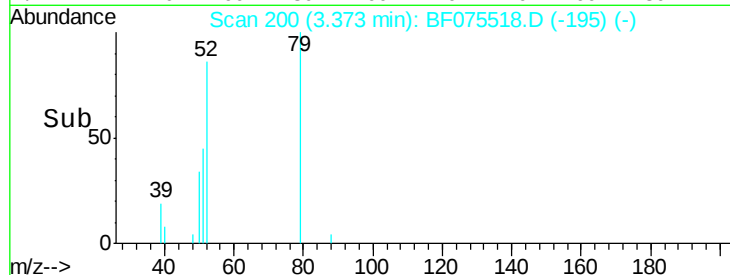
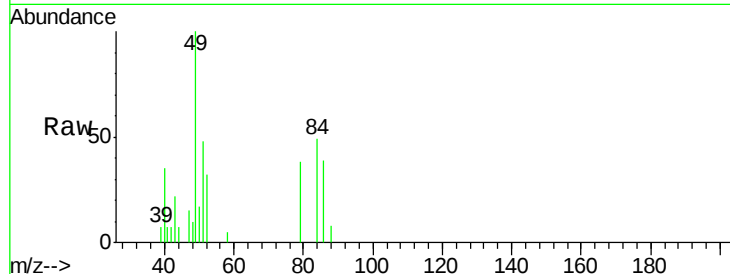
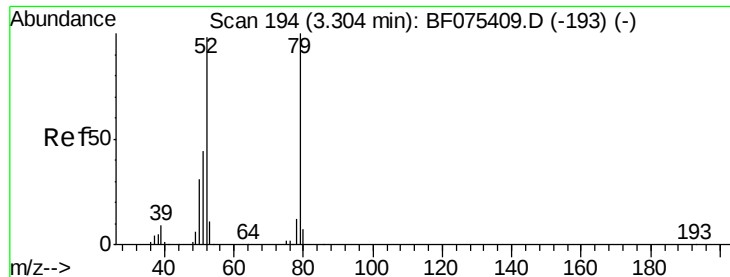
Delta R.T. -0.05 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Tgt Ion:	88	Resp:	6928
Ion	Ratio	Lower	Upper
88	100		
58	0.0	73.5	110.3#
43	0.0	31.9	47.9#





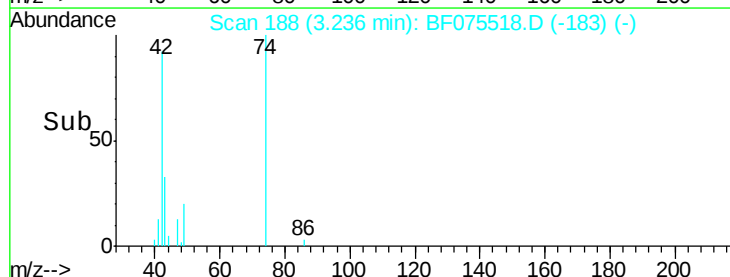
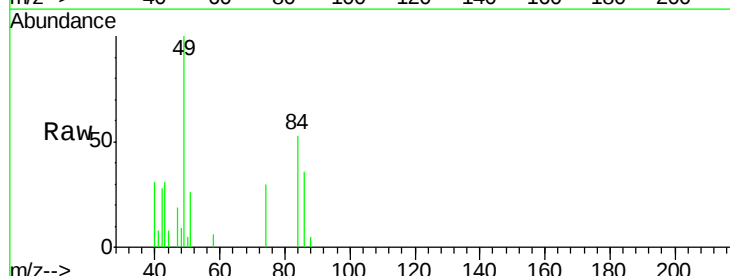
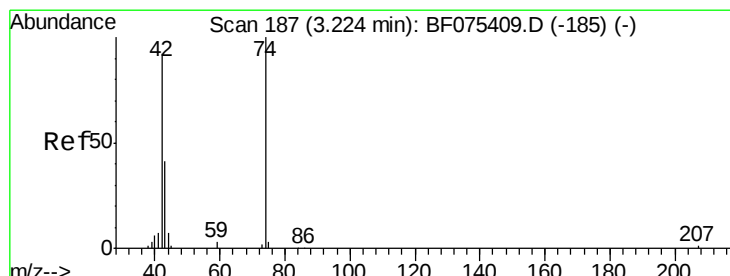
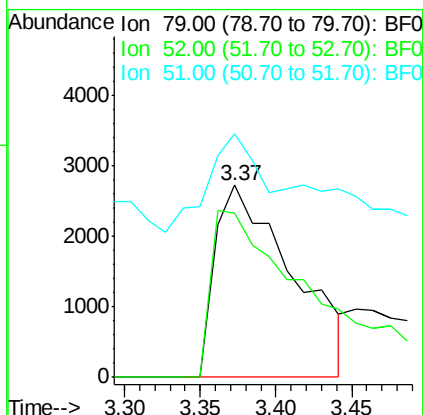
#3
 Pvridine
 Concen: 3.23 ng m
 RT: 3.37 min Scan# 200
 Delta R.T. -0.05 min
 Lab File: BF075518.D
 Acq: 15 Nov 2014 2:41

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.5	76.6	115.0
51	126.9	37.0	55.4#

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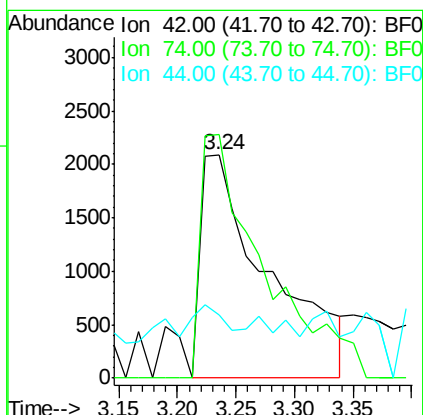
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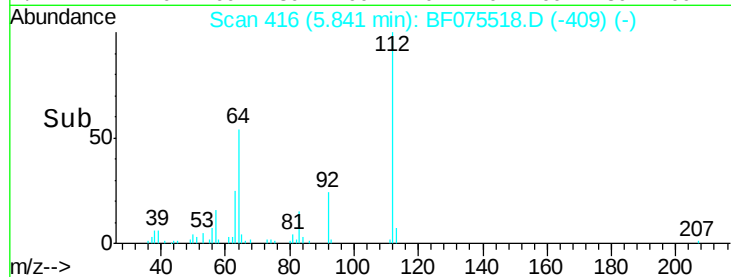
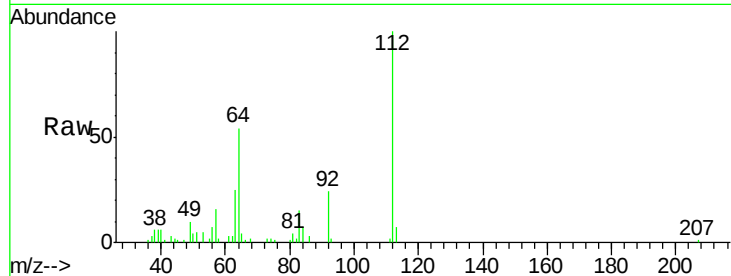
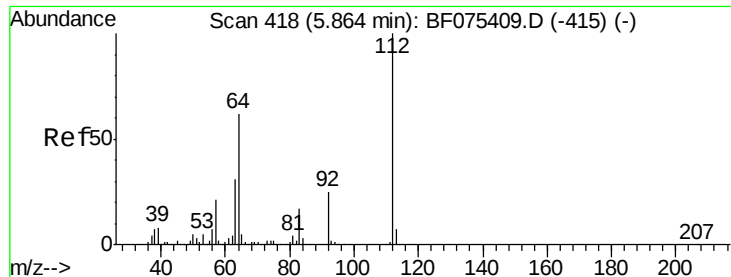
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#4
 n-Nitrosodimethylamine
 Concen: 5.35 ng m
 RT: 3.24 min Scan# 188
 Delta R.T. -0.05 min
 Lab File: BF075518.D
 Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.9	82.4	123.6
44	28.1	8.2	12.4#





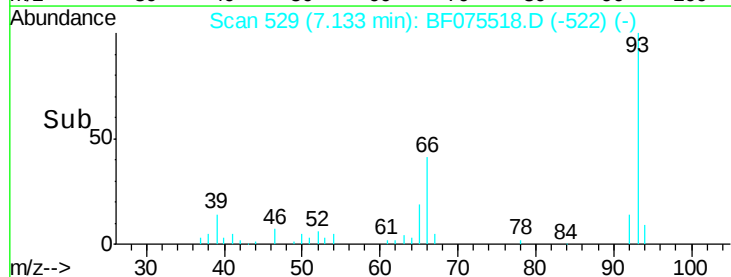
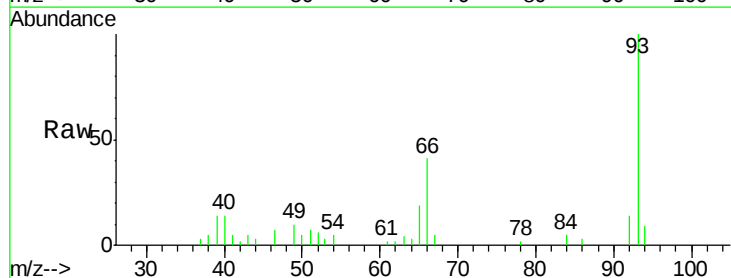
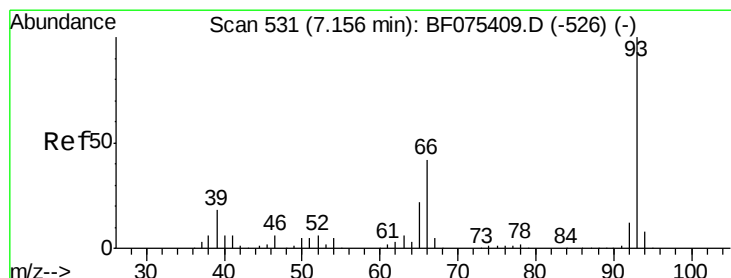
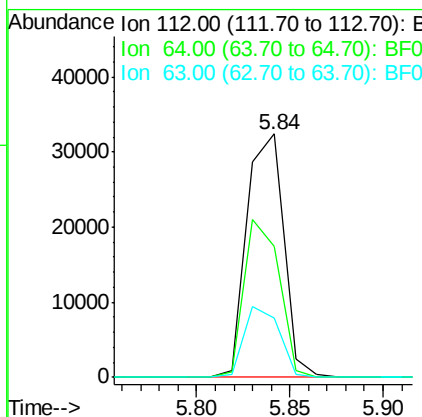
#5
2-Fluorophenol
Concen: 16.74 ng
RT: 5.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tot Ion	Ratio	Resp	Lower	Upper
112	100	44321		
64	53.9		45.8	68.6
63	24.6		22.7	34.1

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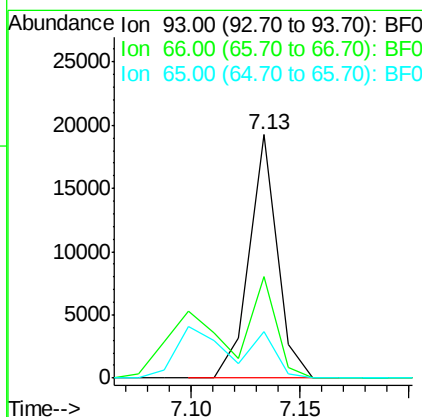
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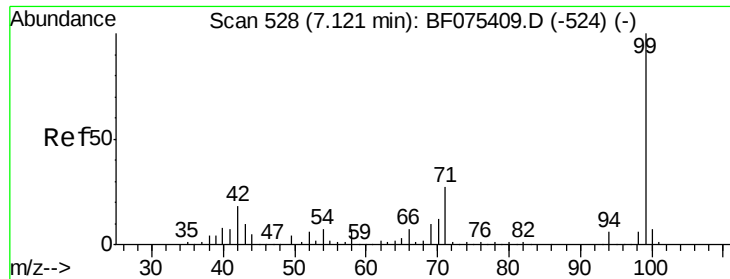
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#6
Aniline
Concen: 3.74 ng
RT: 7.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	17204		
66	41.5		31.8	47.8
65	19.3		16.6	25.0





#7

Phenol-d6

Concen: 18.12 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Instrument :

BNA_F

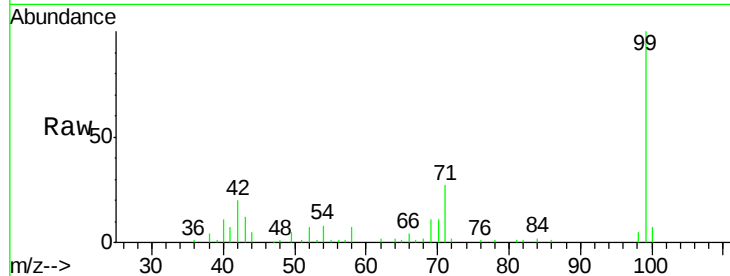
ClientSampleId :

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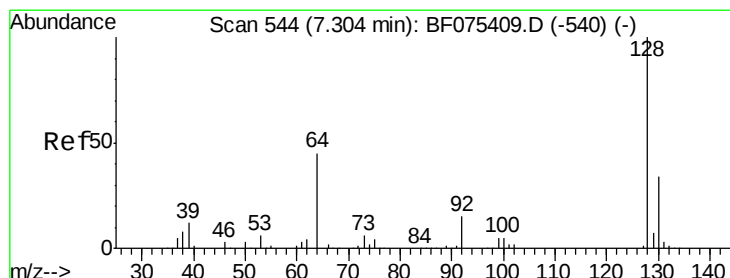
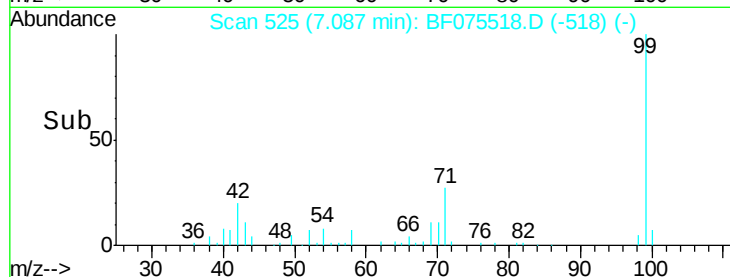
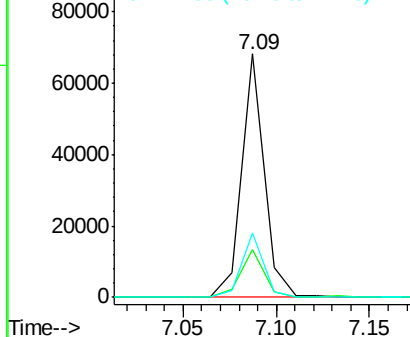
Tot Ion:	99	Resp:	57719
Ion Ratio	Lower	Upper	
99	100		
42	19.5	19.8	29.6#
71	26.6	25.5	38.3

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



#8

2-Chlorophenol

Concen: 4.78 ng

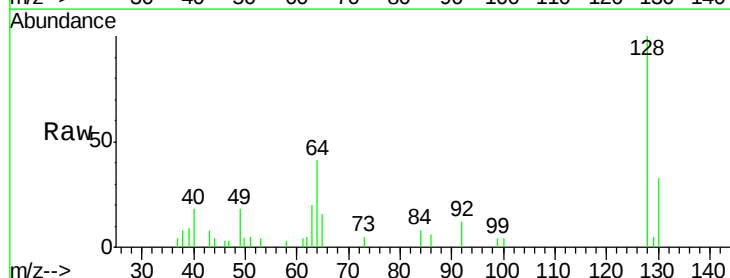
RT: 7.28 min Scan# 542

Delta R.T. -0.02 min

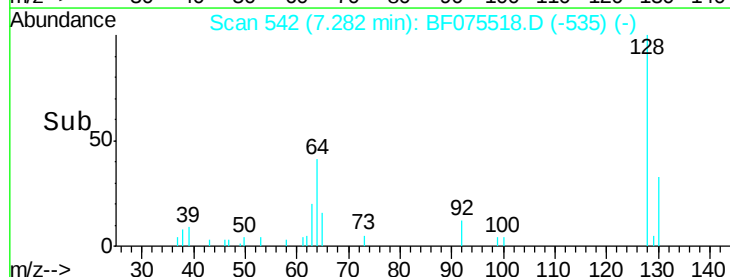
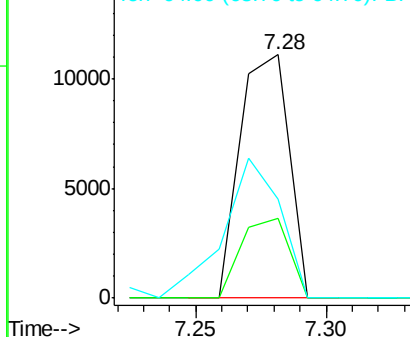
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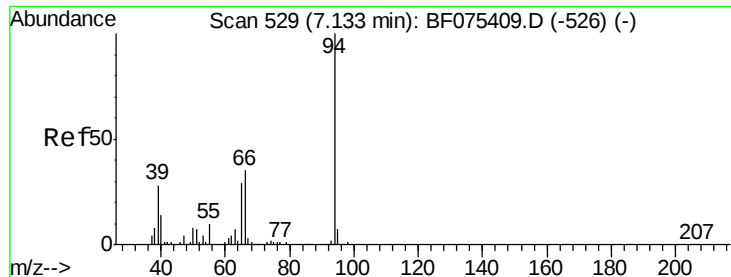
Acq: 15 Nov 2014 2:41

Tgt Ion:	128	Resp:	14645
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.7	52.7
64	40.7	20.3	60.3



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





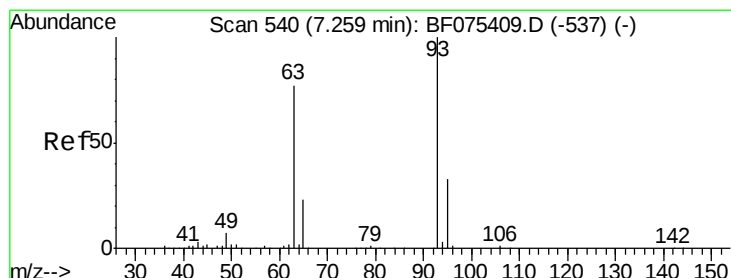
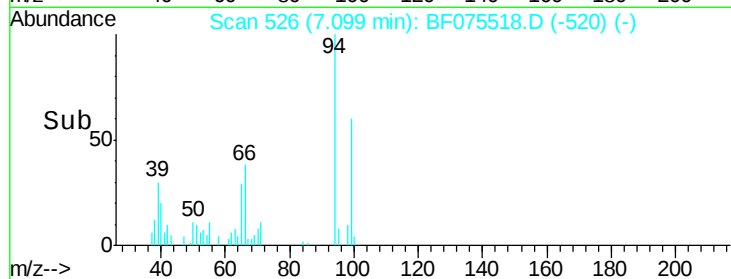
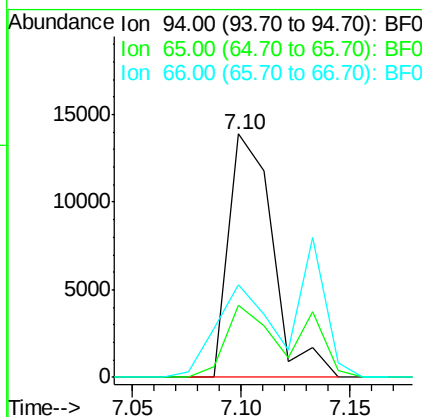
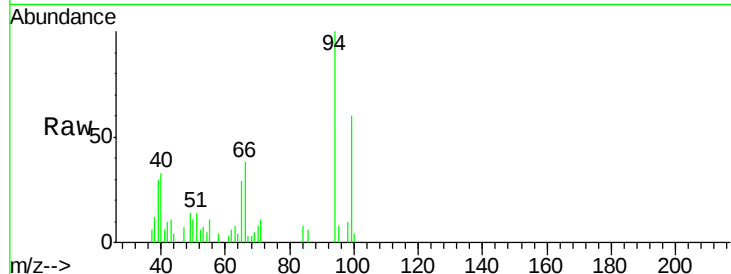
#10
Phenol
Concen: 5.00 ng
RT: 7.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		19434		
65	29.5	13.1	53.1		
66	38.1	20.8	60.8		

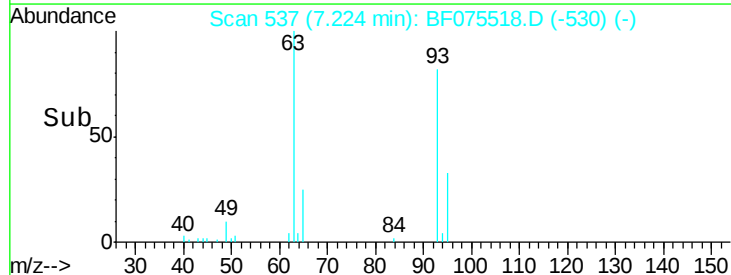
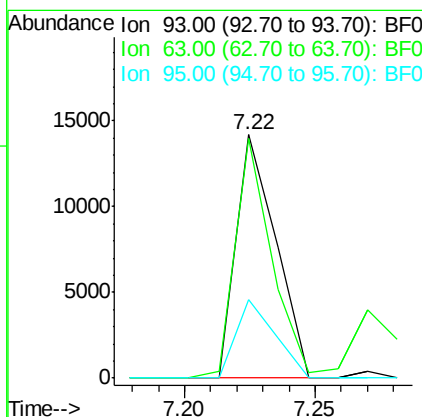
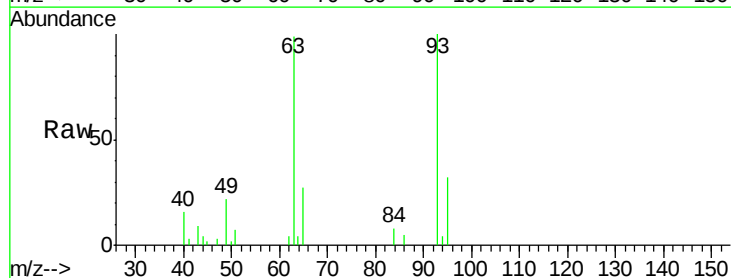
Manual Integrations
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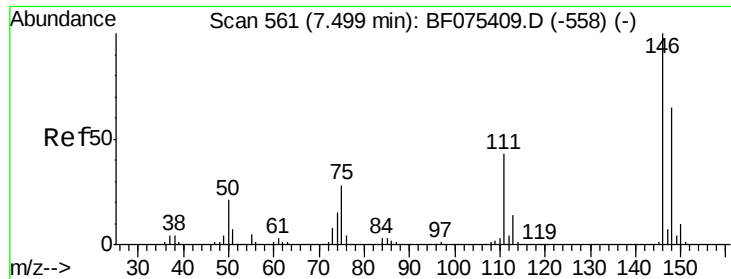
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#11
bis(2-Chloroethyl)ether
Concen: 5.08 ng
RT: 7.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		14950		
63	98.5	79.8	119.8		
95	32.4	11.2	51.2		





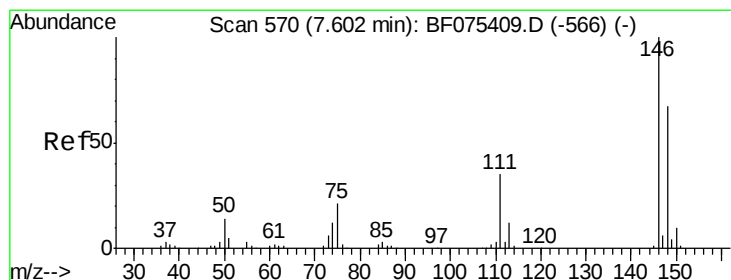
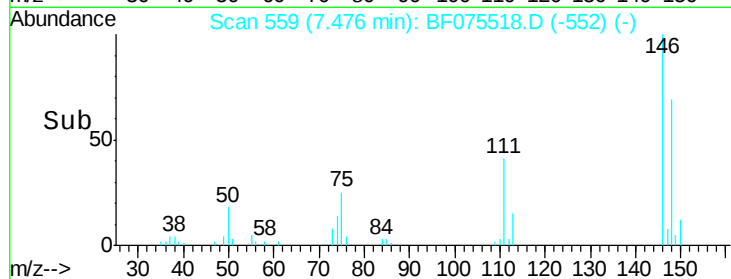
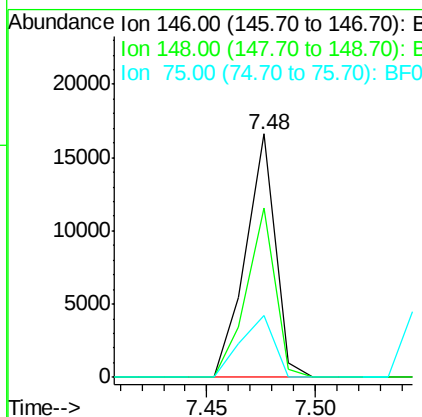
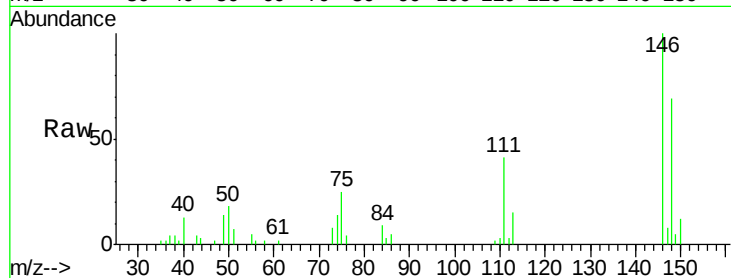
#12
 1,3-Dichlorobenzene
 Concen: 4.74 ng
 RT: 7.48 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF075518.D
 Acq: 15 Nov 2014 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB80231BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.4	53.1	79.7
75	25.3	21.5	32.3

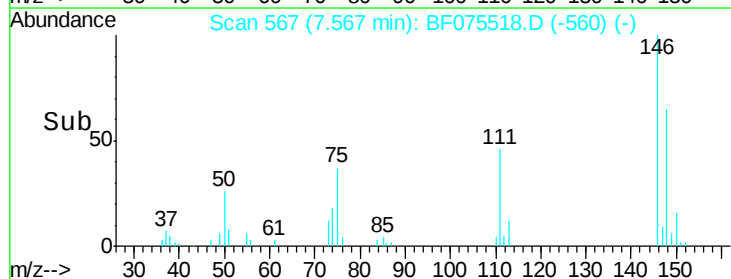
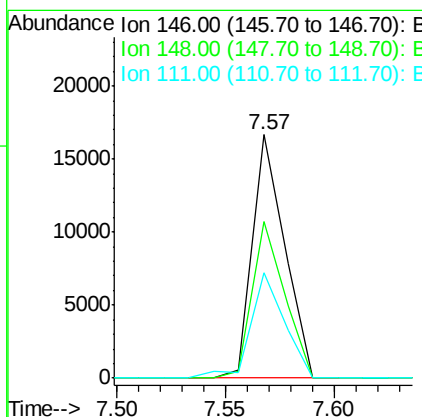
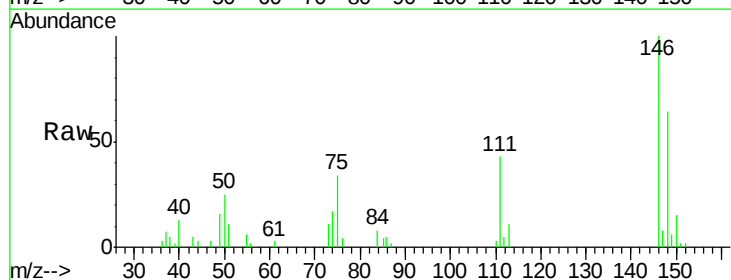
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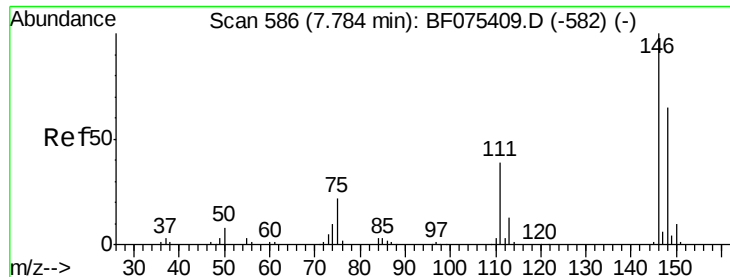
mohammad
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#13
 1,4-Dichlorobenzene
 Concen: 5.07 ng
 RT: 7.57 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF075518.D
 Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.9	74.9
111	43.5	35.8	53.6





#14

1,2-Dichlorobenzene

Concen: 5.05 ng

RT: 7.75 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Instrument :

BNA_F

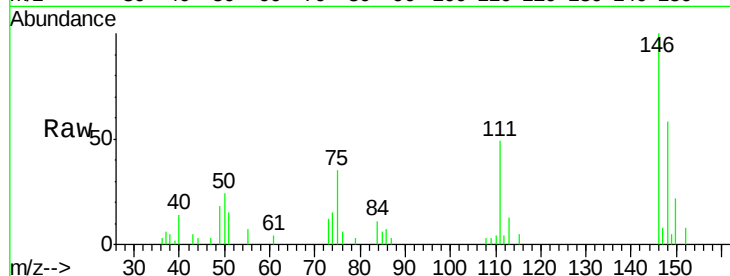
ClientSampleId :

PB80231BS

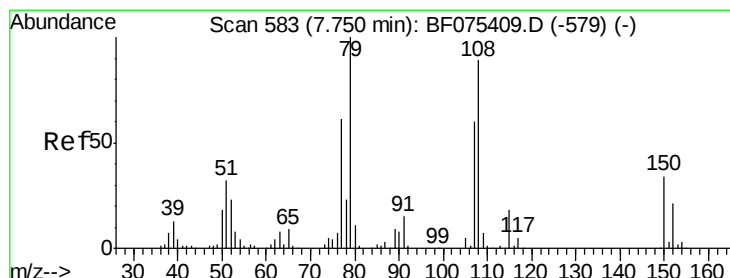
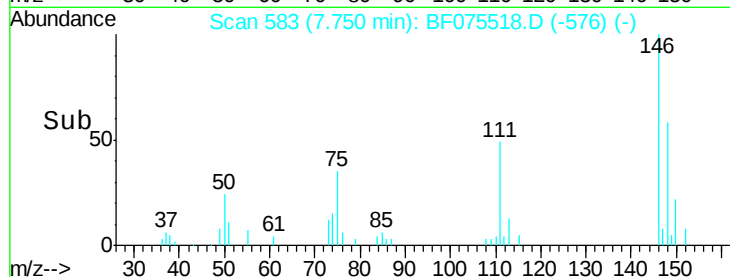
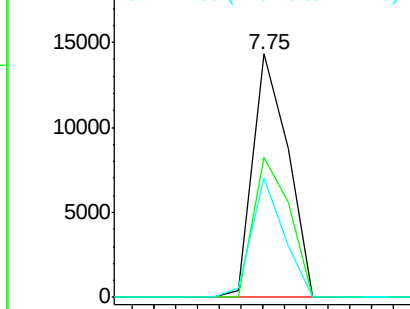
Tot Ion:	146	Resp:	16079
Ion Ratio	Lower	Upper	
146	100		
148	57.5	50.7	76.1
111	48.9	39.9	59.9

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 4.05 ng

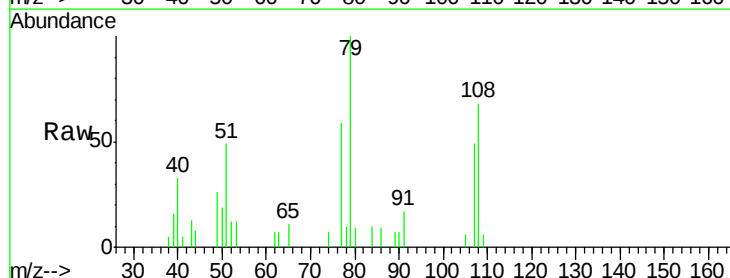
RT: 7.72 min Scan# 580

Delta R.T. -0.02 min

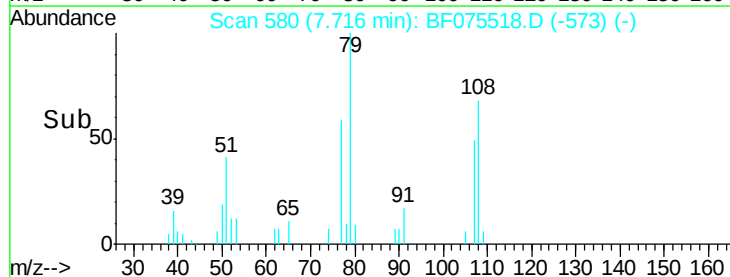
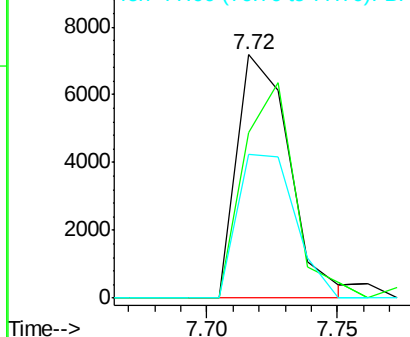
Lab File: BF075518.D

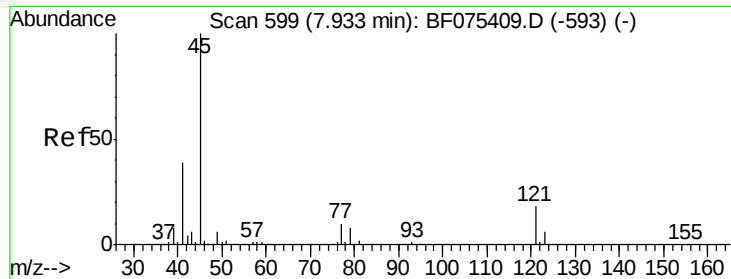
Acq: 15 Nov 2014 2:41

Tgt Ion:	79	Resp:	10137
Ion Ratio	Lower	Upper	
79	100		
108	67.8	75.5	113.3#
77	59.2	52.1	78.1



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





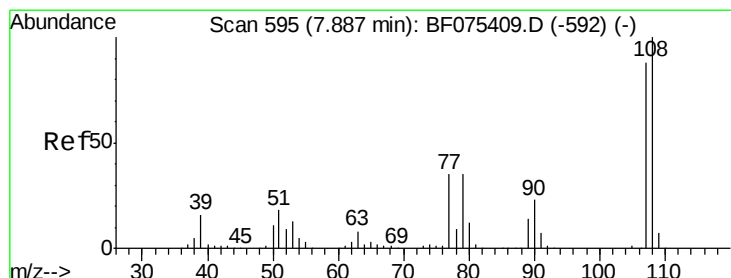
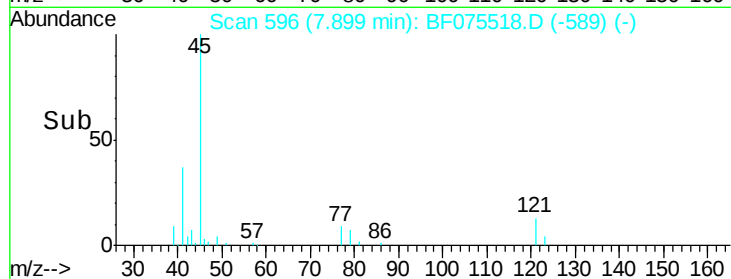
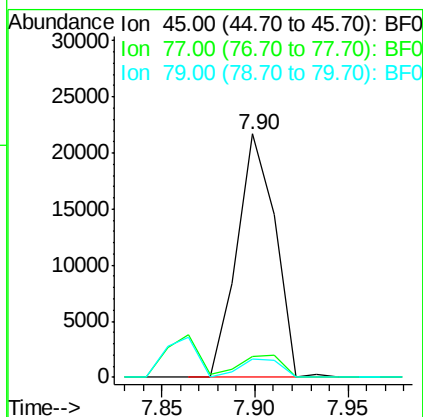
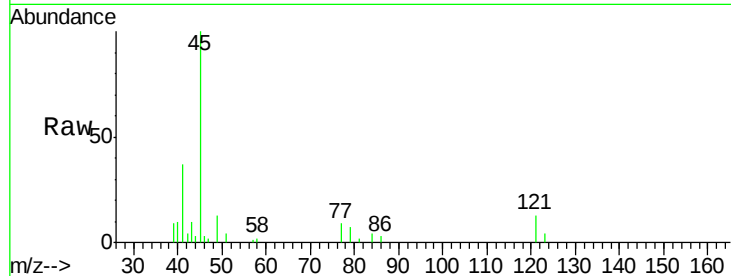
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 5.06 ng
RT: 7.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion:	45	Resp:	30826
Ion Ratio	Lower	Upper	
45	100		
77	8.6	0.0	28.6
79	7.3	0.0	26.5

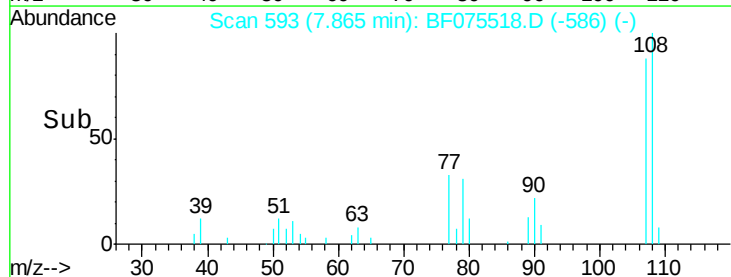
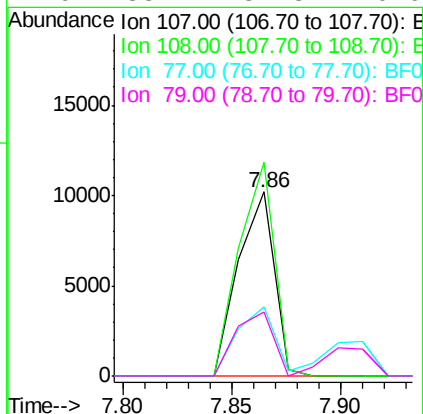
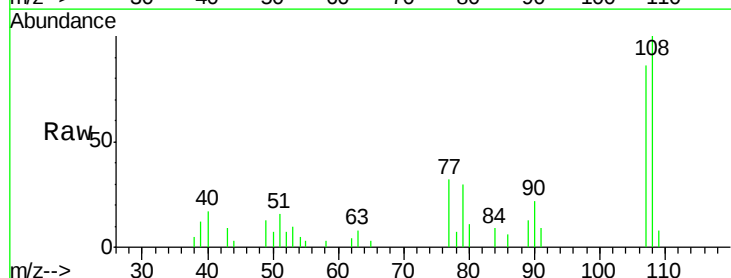
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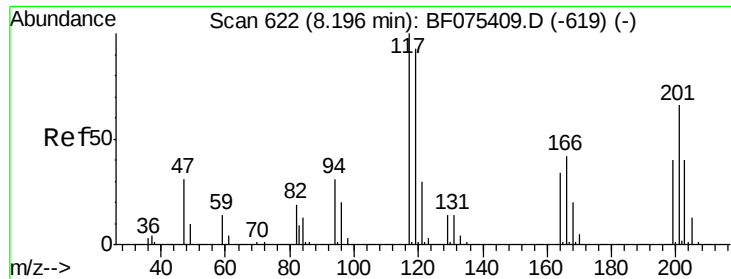
mohammad
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#17
2-Methylphenol
Concen: 4.59 ng
RT: 7.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion:	107	Resp:	11641
Ion Ratio	Lower	Upper	
107	100		
108	116.2	95.6	143.4
77	37.7	30.2	45.4
79	35.2	31.3	46.9





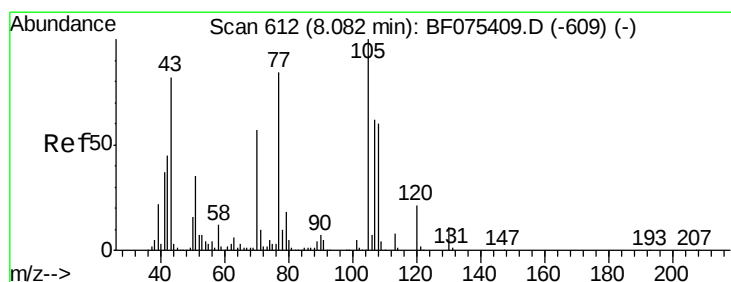
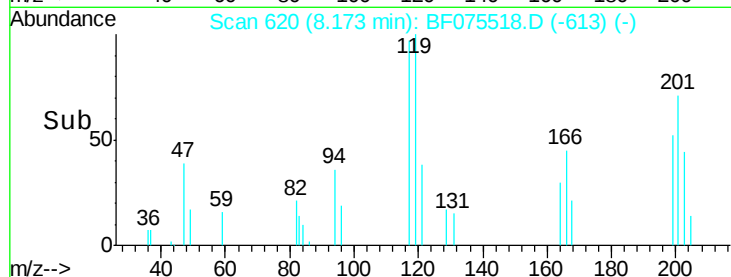
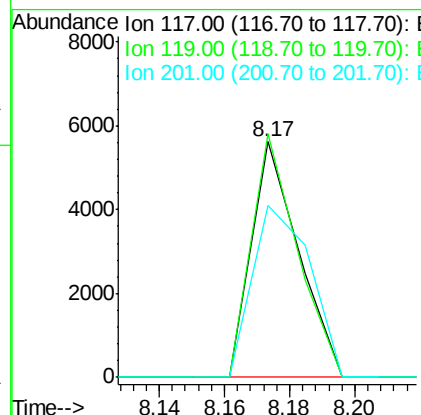
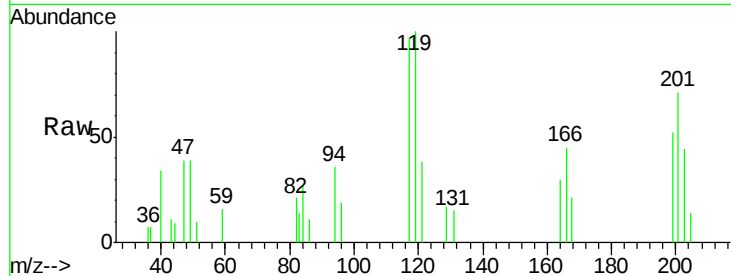
#18
Hexachloroethane
Concen: 4.77 ng
RT: 8.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
117	100		
119	103.3	72.9	109.3
201	73.2	48.2	72.4#

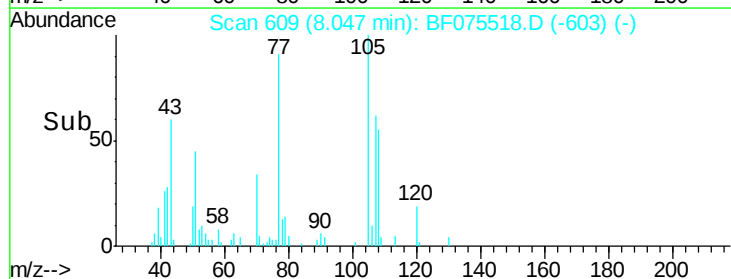
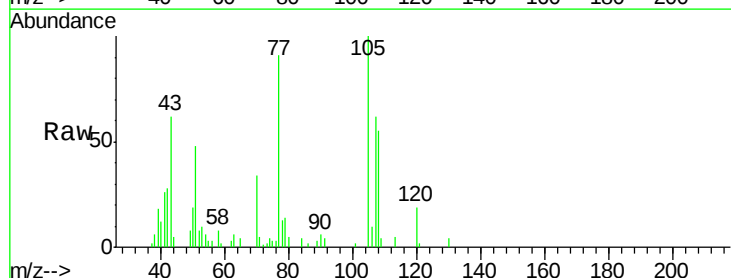
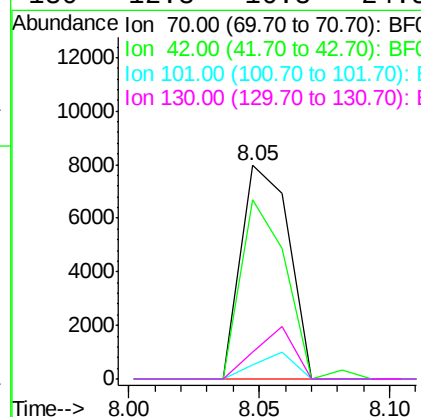
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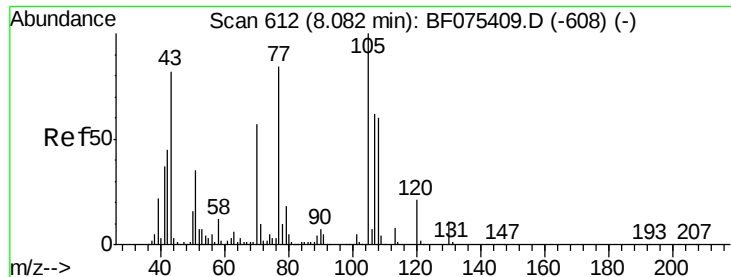
mohammad
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#19
n-Nitroso-di-n-propylamine
Concen: 4.71 ng
RT: 8.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
70	100		
42	83.6	63.0	94.6
101	6.5	7.5	11.3#
130	12.3	16.3	24.5#





#20

3+4-Methylphenols

Concen: 4.71 ng

RT: 8.05 min Scan# 609

Delta R.T. -0.02 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Instrument :

BNA_F

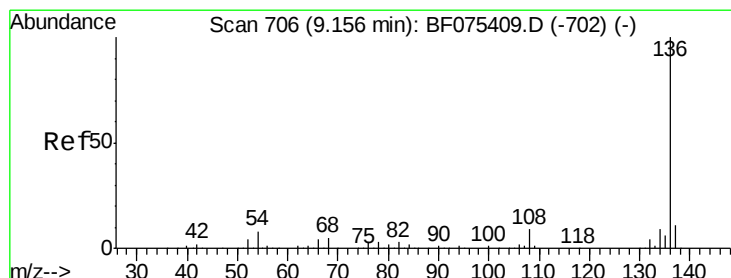
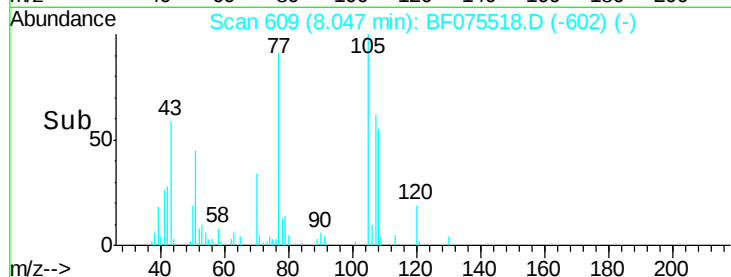
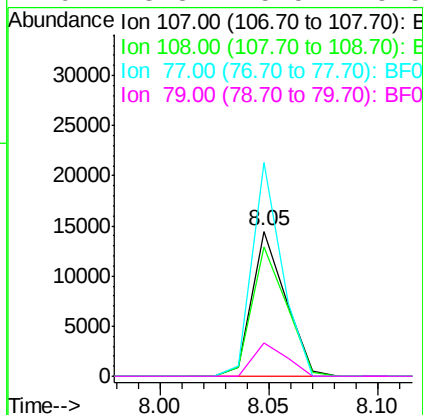
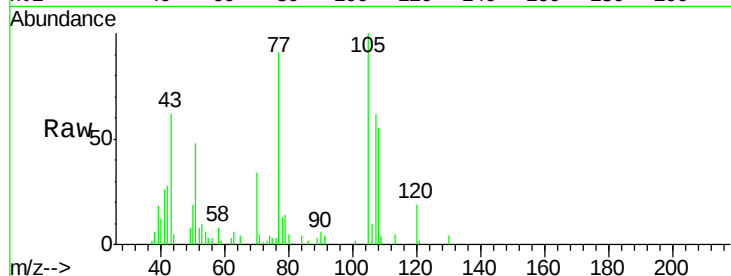
ClientSampleId :

PB80231BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.6	109.6
77	147.3	84.4	124.4#
79	23.3	5.5	45.5

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#21

Naphthalene-d8

Concen: 20.00 ng

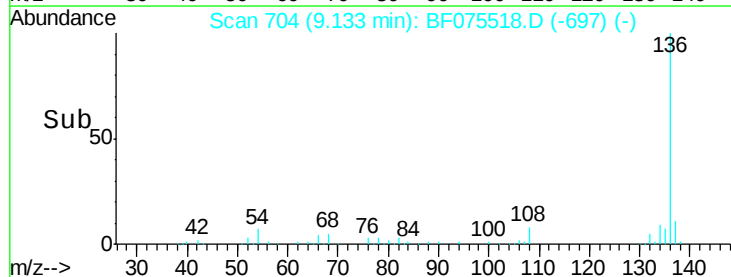
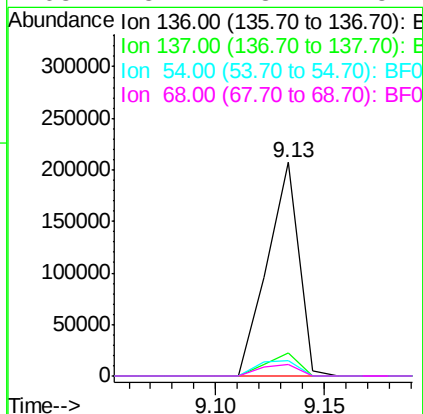
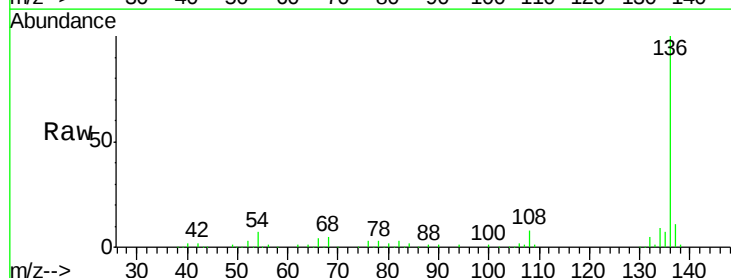
RT: 9.13 min Scan# 704

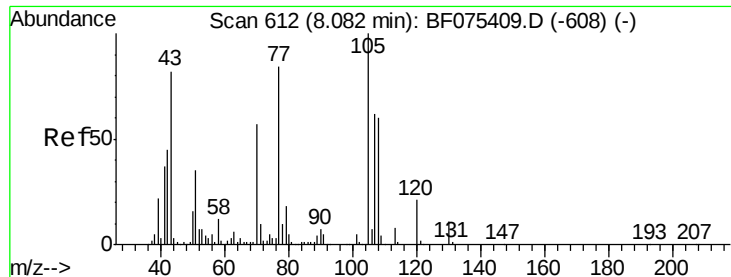
Delta R.T. -0.02 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	7.3	6.2	9.4
68	5.2	3.4	5.2#





#22

Acetophenone

Concen: 4.89 ng

RT: 8.05 min Scan# 609

Delta R.T. -0.02 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Instrument :

BNA_F

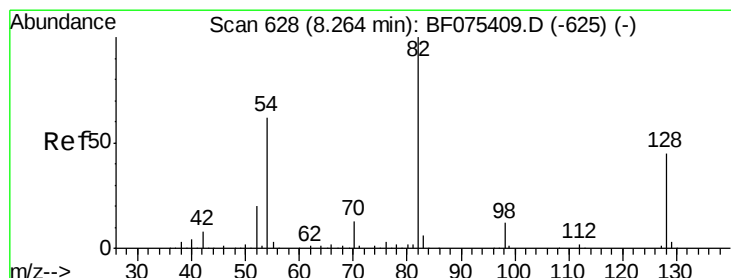
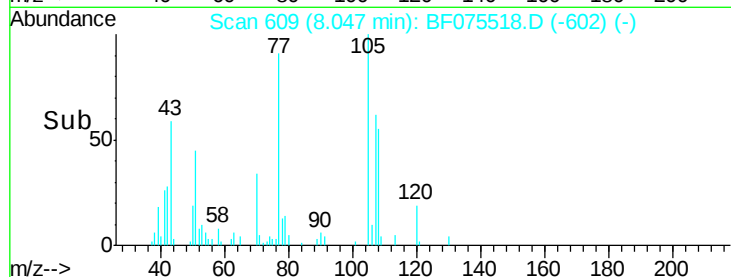
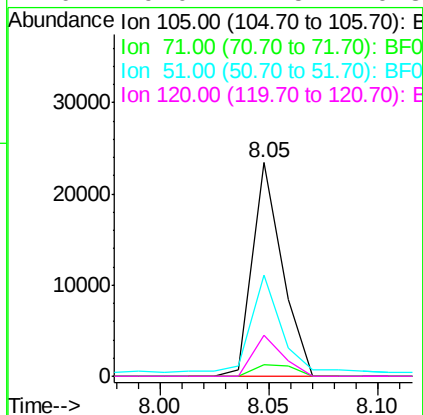
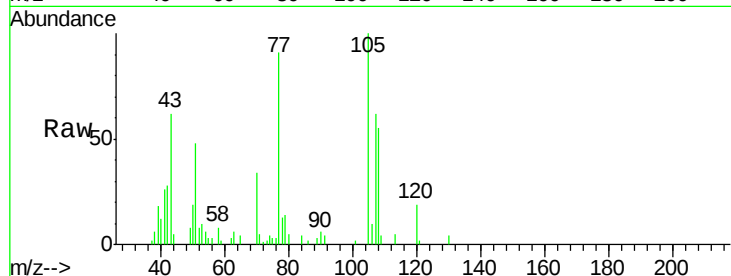
ClientSampleId :

PB80231BS

Tot Ion	Ratio	Lower	Upper
105	100		
71	5.3	10.5	15.7#
51	47.5	24.2	36.2#
120	19.0	17.5	26.3

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#23

Nitrobenzene-d5

Concen: 10.01 ng

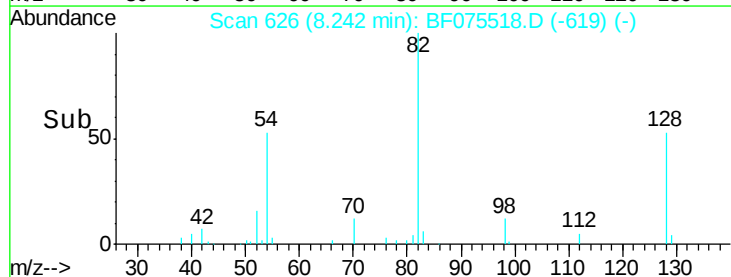
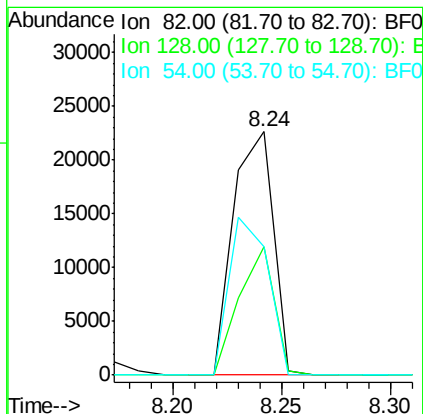
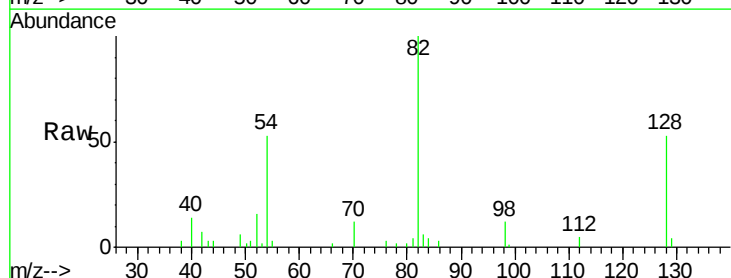
RT: 8.24 min Scan# 626

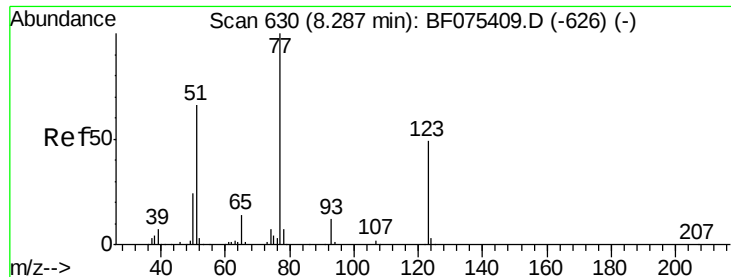
Delta R.T. -0.02 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.9	37.8	56.6
54	52.6	49.8	74.8





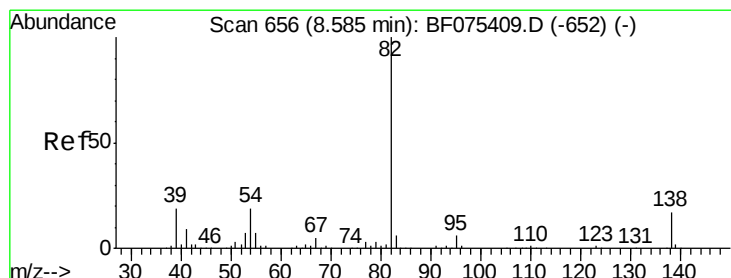
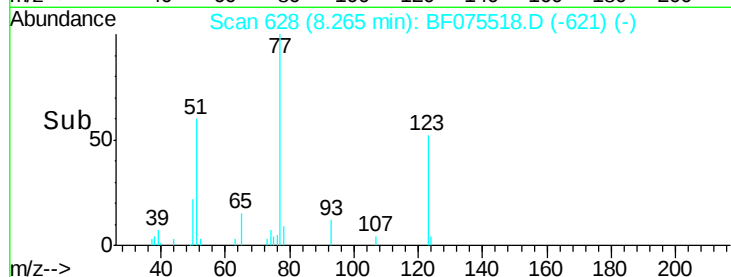
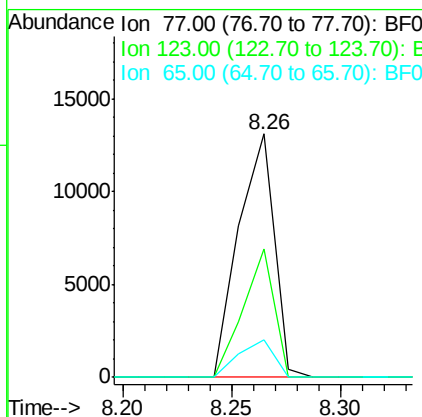
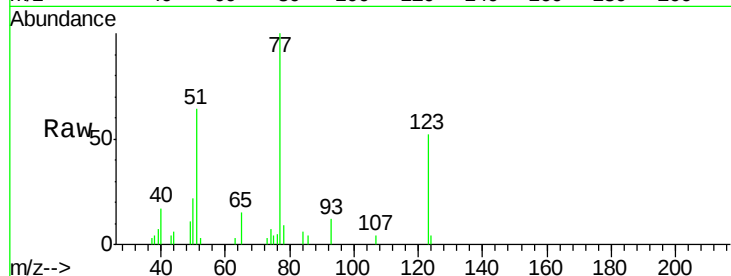
#24
Nitrobenzene
Concen: 4.45 ng
RT: 8.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	52.5	39.0	58.4
65	15.2	10.6	15.8

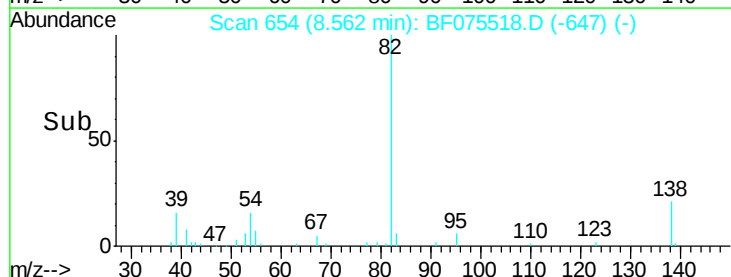
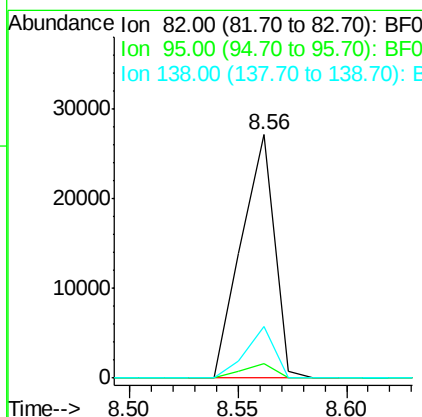
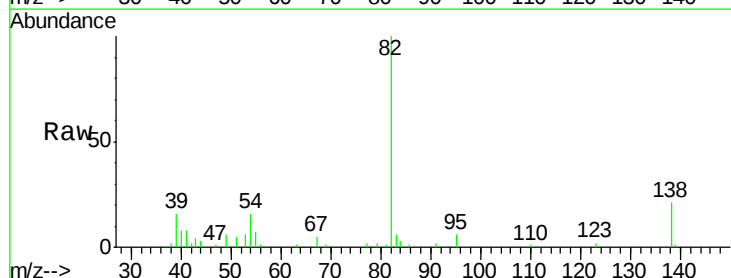
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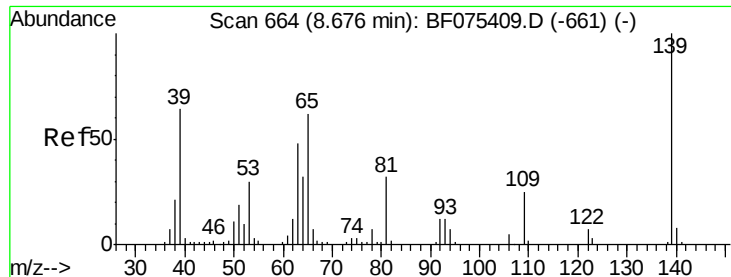
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#25
Isophorone
Concen: 4.36 ng
RT: 8.56 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.2	7.8
138	21.3	15.0	22.6





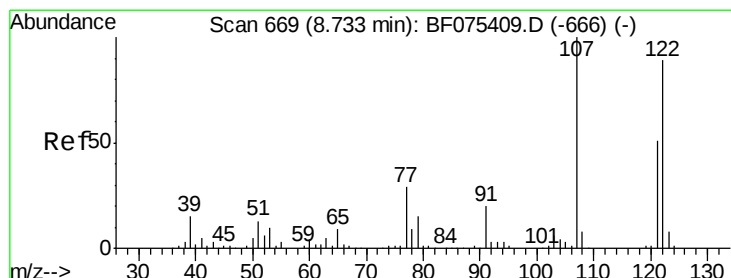
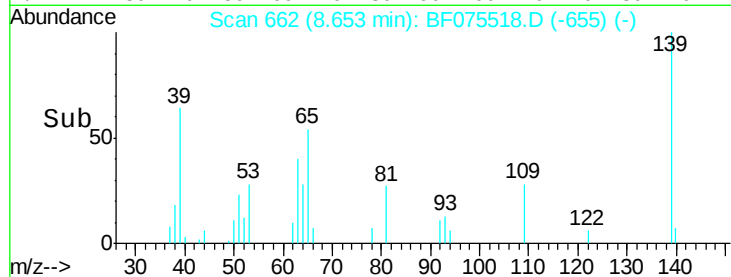
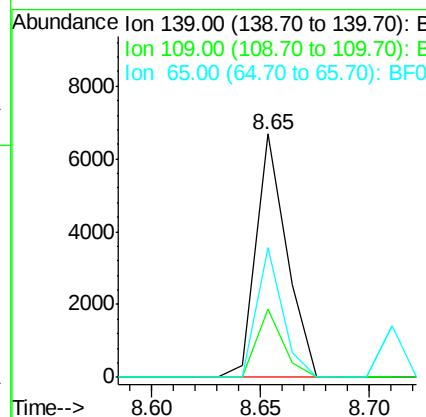
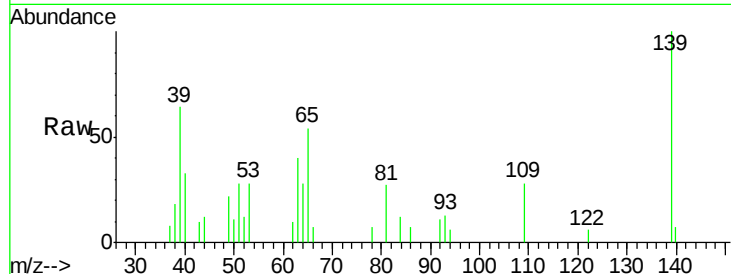
#26
2-Nitrophenol
Concen: 4.30 ng
RT: 8.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	6566		
109	28.0	22.3	33.5	
65	53.5	49.1	73.7	

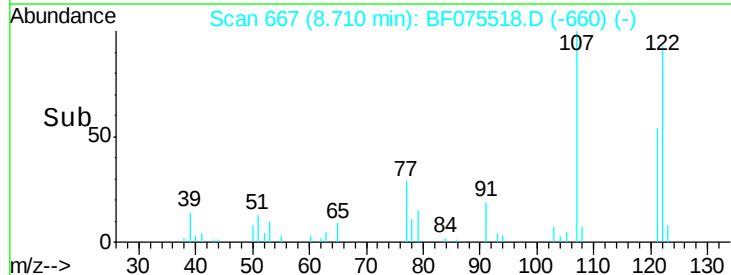
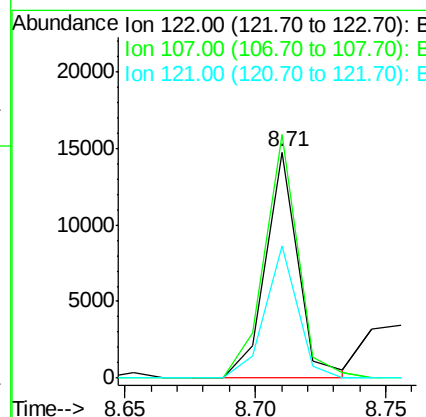
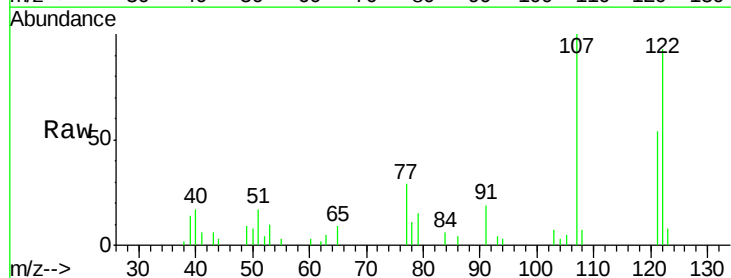
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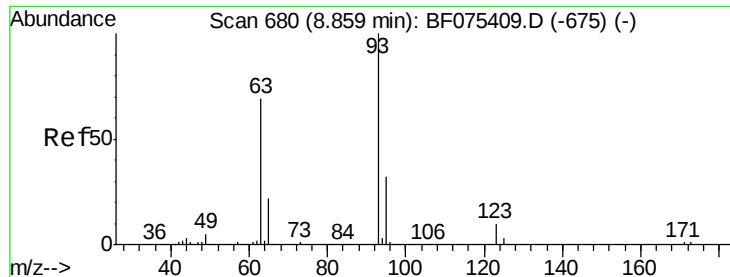
mohammad
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#27
2,4-Dimethylphenol
Concen: 4.27 ng
RT: 8.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	12639		
107	107.8	86.5	129.7	
121	58.4	45.4	68.2	





#28

bis(2-Chloroethoxy)methane

Concen: 5.04 ng

RT: 8.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Instrument :

BNA_F

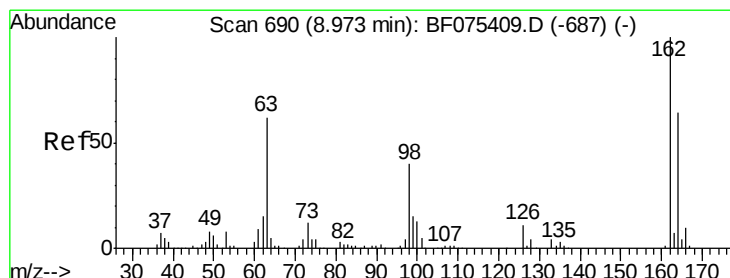
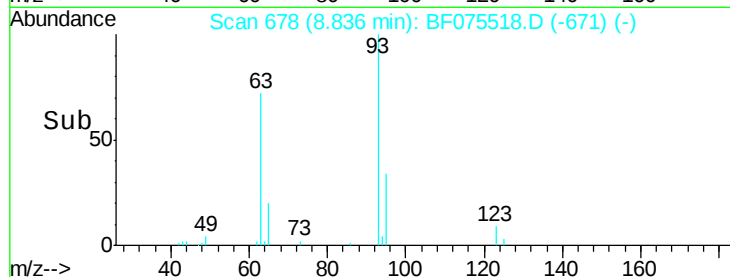
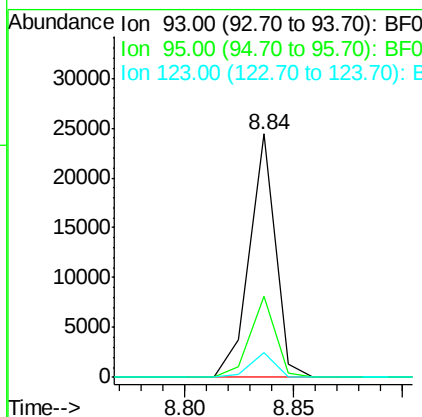
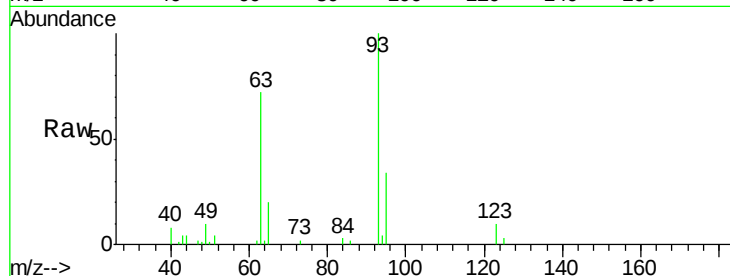
ClientSampleId :

PB80231BS

Tot Ion:	93	Resp:	20253
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.2	39.4
123	10.1	8.8	13.2

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#29

2,4-Dichlorophenol

Concen: 4.33 ng

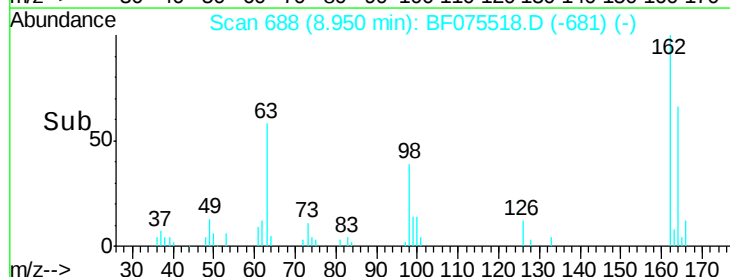
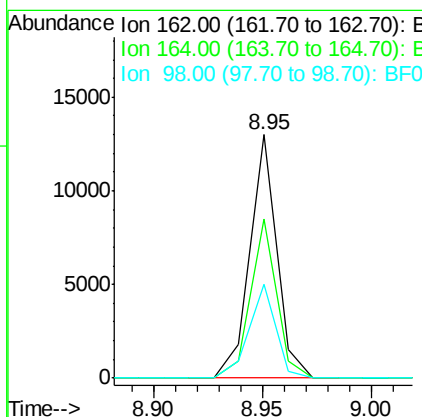
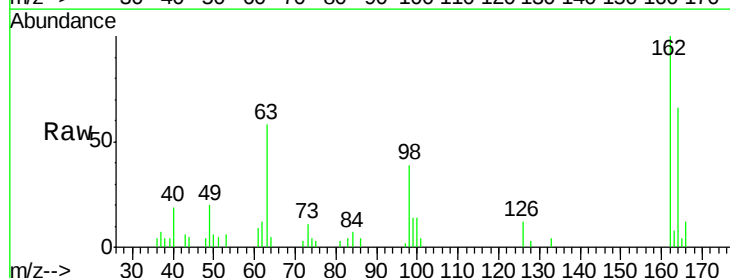
RT: 8.95 min Scan# 688

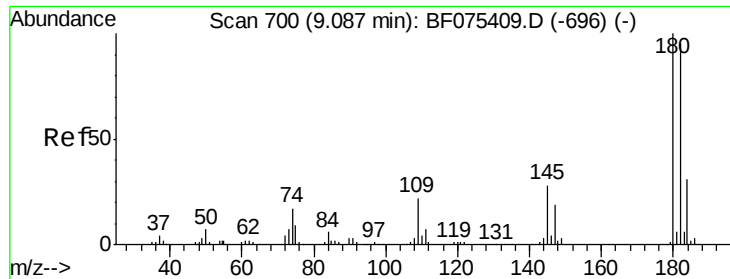
Delta R.T. -0.02 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Tgt Ion:	162	Resp:	11215
Ion Ratio	Lower	Upper	
162	100		
164	65.6	43.8	83.8
98	38.7	14.6	54.6





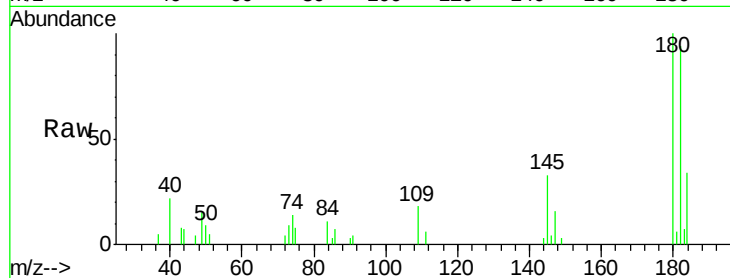
#30
 1,2,4-Trichlorobenzene
 Concen: 4.45 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF075518.D
 Acq: 15 Nov 2014 2:41

Instrument :
 BNA_F
 ClientSampled :
 PB80231BS

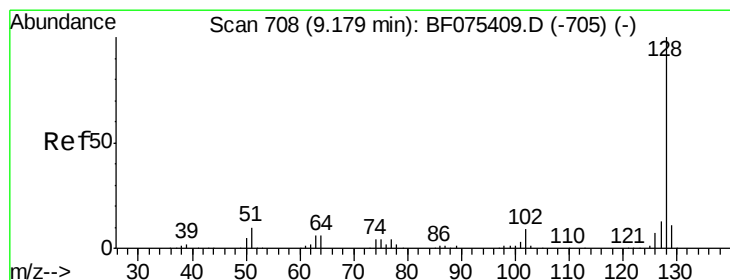
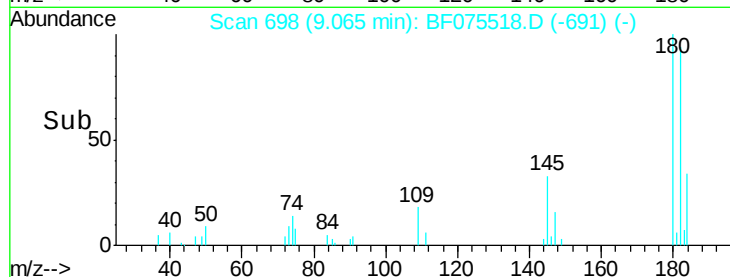
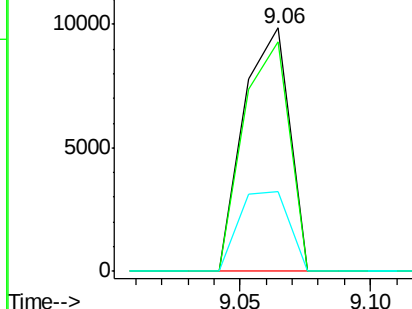
Tot Ion:	180	Resp:	12110
Ion Ratio	Lower	Upper	
180	100		
182	94.4	78.4	117.6
145	32.8	22.3	33.5

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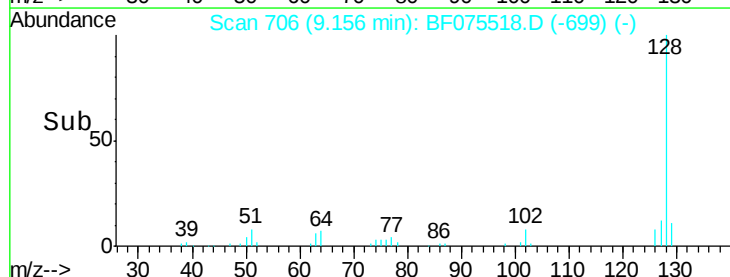
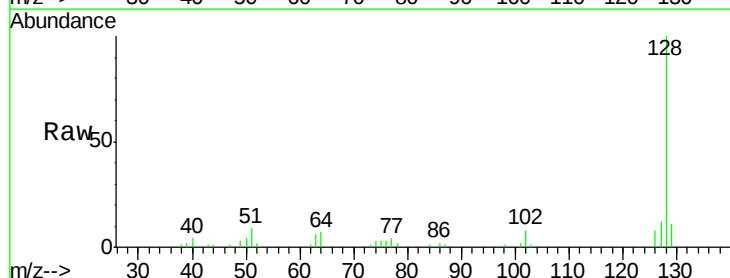
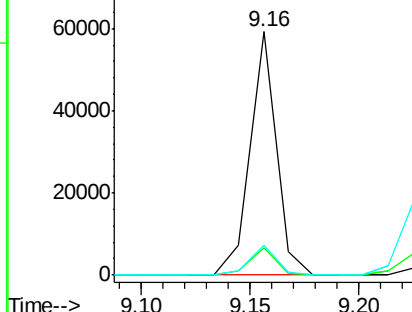
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

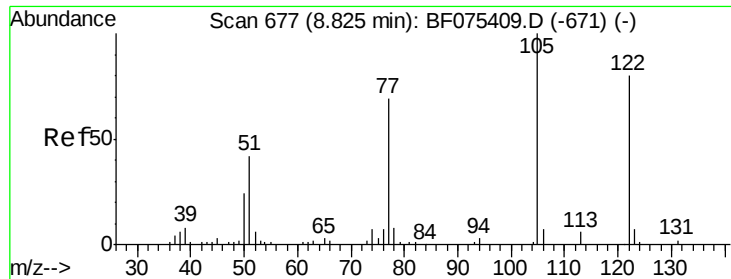


#31
 Naphthalene
 Concen: 5.23 ng
 RT: 9.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF075518.D
 Acq: 15 Nov 2014 2:41

Tgt Ion:	128	Resp:	49433
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.4
127	12.3	10.2	15.4

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





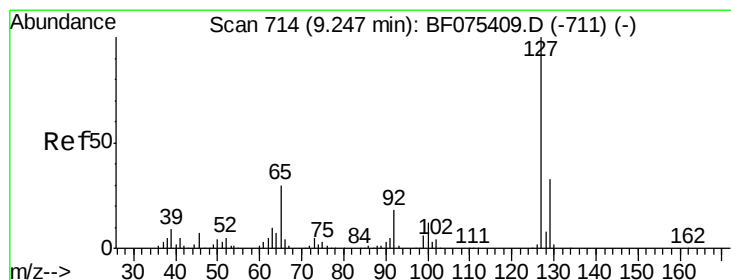
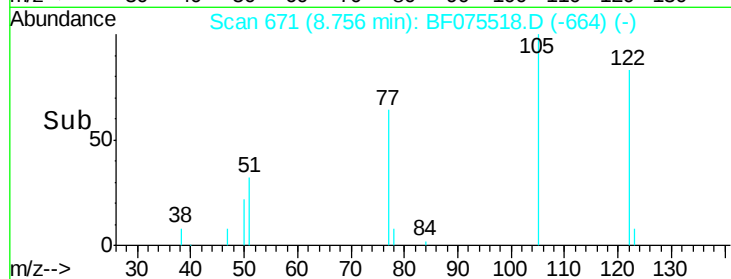
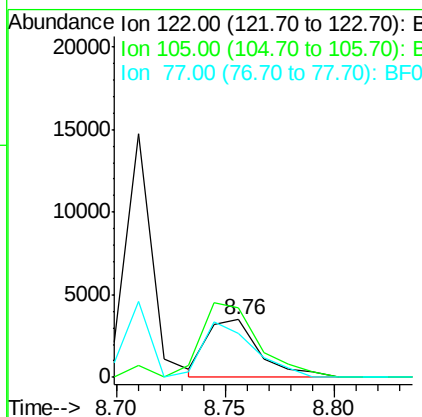
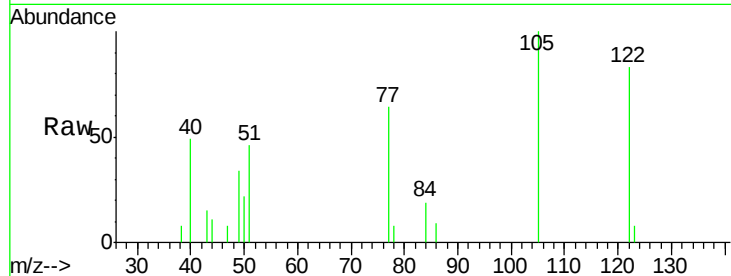
#32
Benzoic acid
Concen: 3.32 ng
RT: 8.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion:	122	Resp:	5928
Ion Ratio	Lower	Upper	
122	100		
105	120.7	95.1	135.1
77	77.0	62.6	102.6

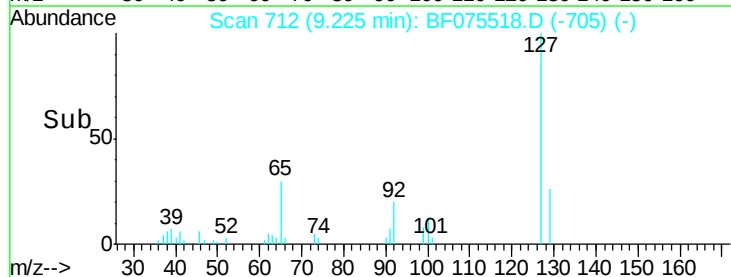
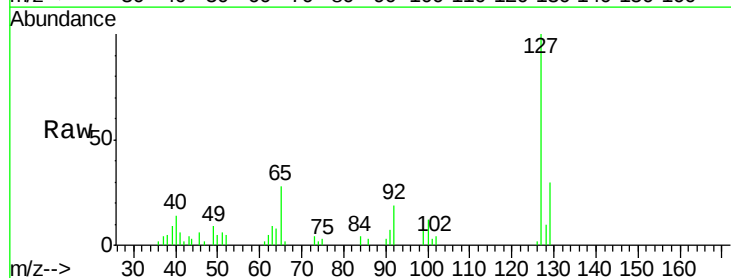
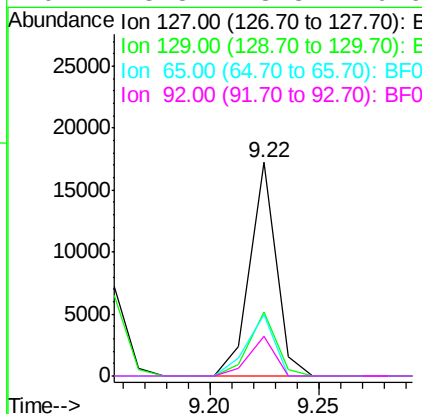
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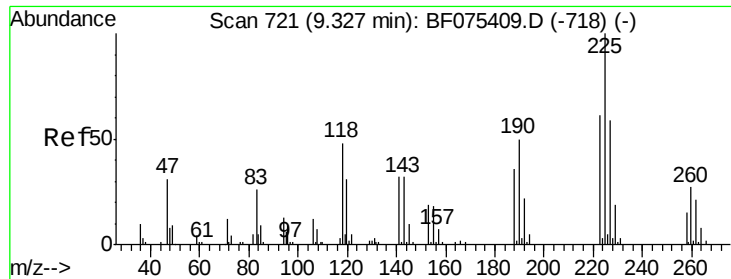
mohammad
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#33
4-Chloroaniline
Concen: 3.53 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion:	127	Resp:	14499
Ion Ratio	Lower	Upper	
127	100		
129	30.3	25.5	38.3
65	28.5	22.8	34.2
92	18.8	13.8	20.6





#34

Hexachlorobutadiene

Concen: 3.90 ng

RT: 9.30 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Instrument :

BNA_F

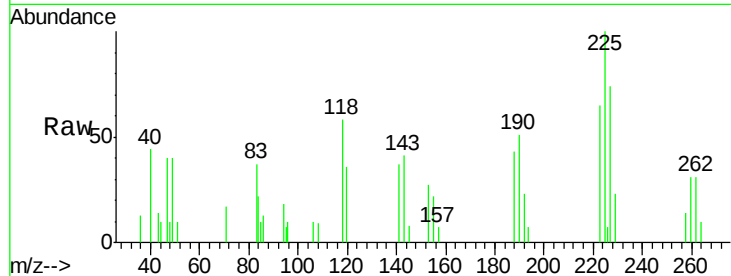
ClientSampleId :

PB80231BS

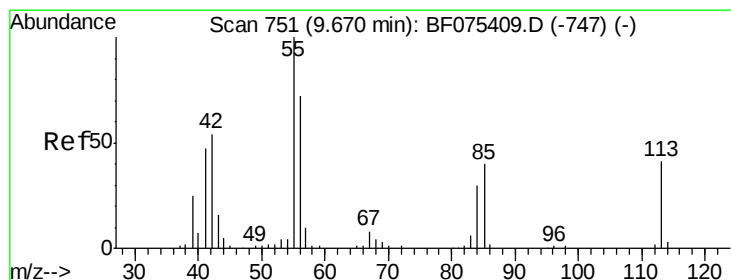
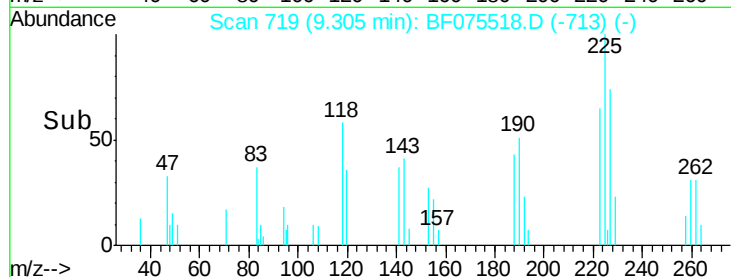
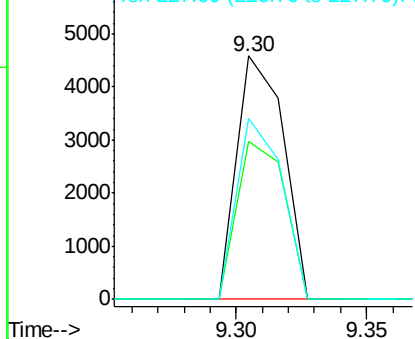
Tot Ion:	225	Resp:	5742
Ion Ratio	Lower	Upper	
225	100		
223	64.7	51.0	76.6
227	74.0	48.6	73.0#

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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: 3.41 ng

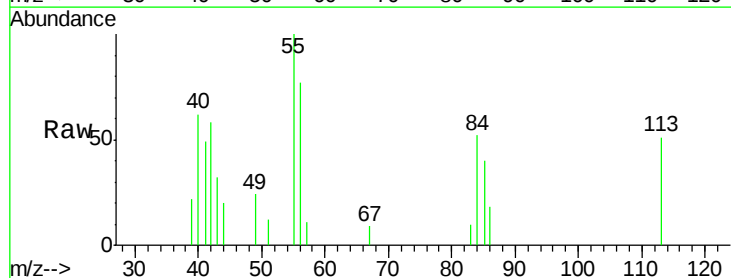
RT: 9.62 min Scan# 747

Delta R.T. -0.02 min

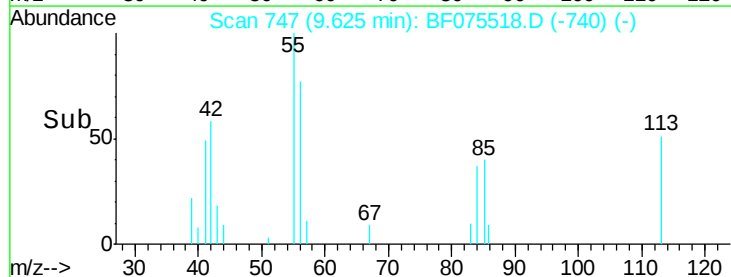
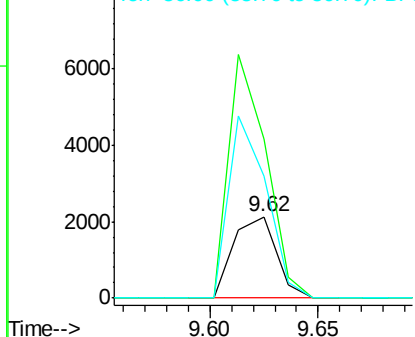
Lab File: BF075518.D

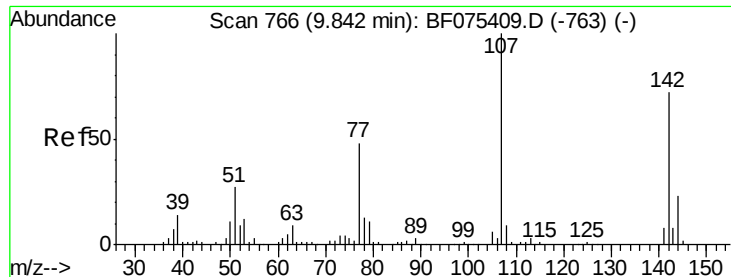
Acq: 15 Nov 2014 2:41

Tgt Ion:	113	Resp:	2929
Ion Ratio	Lower	Upper	
113	100		
55	196.0	226.9	266.9#
56	151.1	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





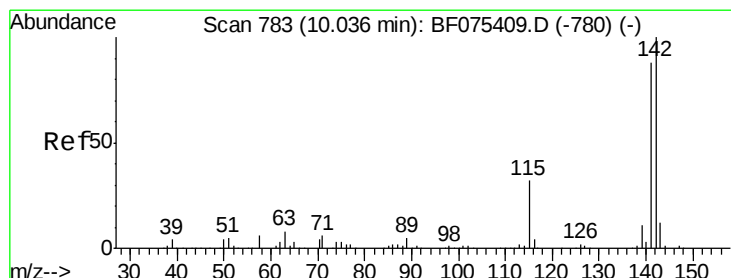
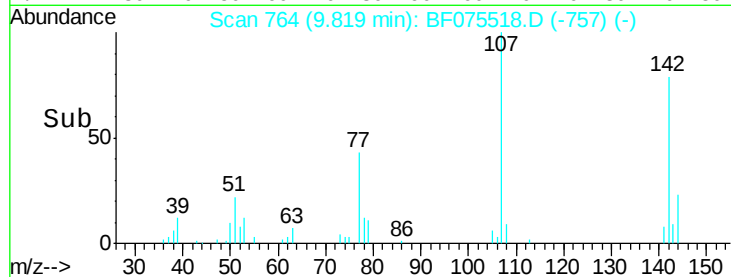
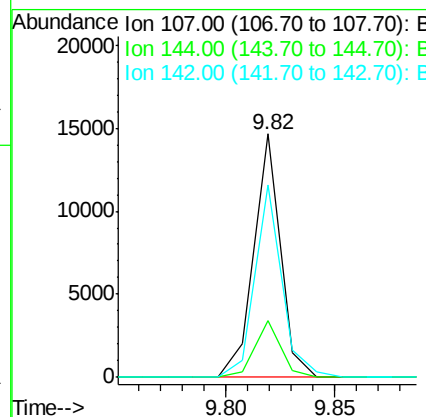
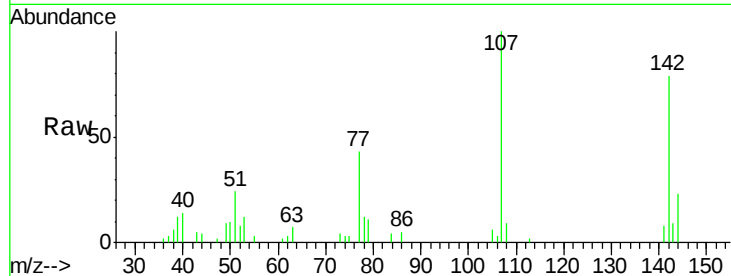
#36
 4-Chloro-3-methylphenol
 Concen: 4.38 ng
 RT: 9.82 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF075518.D
 Acq: 15 Nov 2014 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB80231BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.1	28.7
142	79.0	62.9	94.3

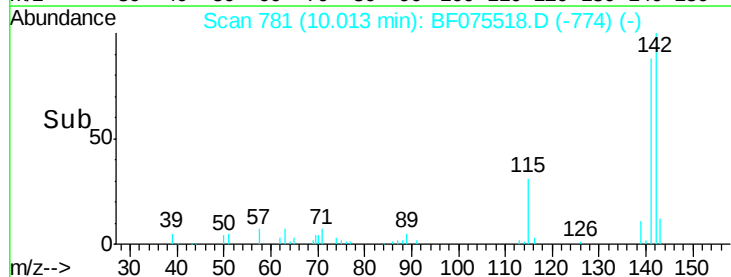
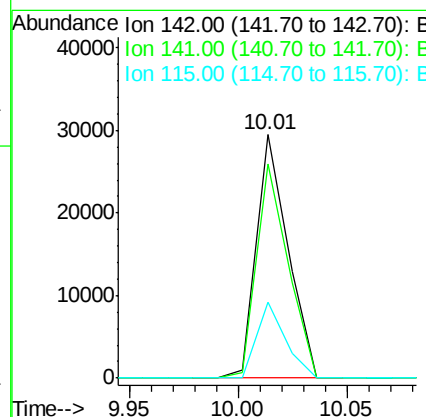
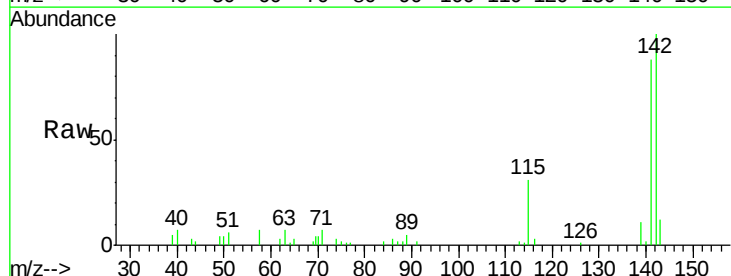
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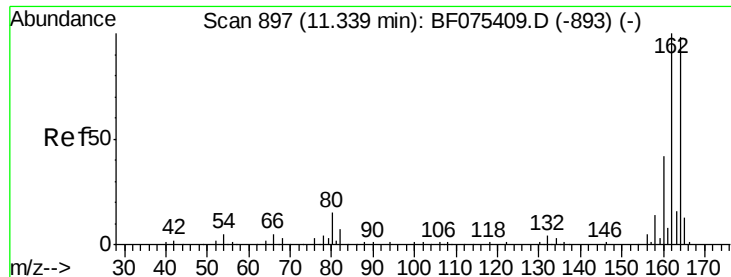
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#37
 2-Methylnaphthalene
 Concen: 4.61 ng
 RT: 10.01 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF075518.D
 Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.9	104.9
115	31.2	27.6	41.4





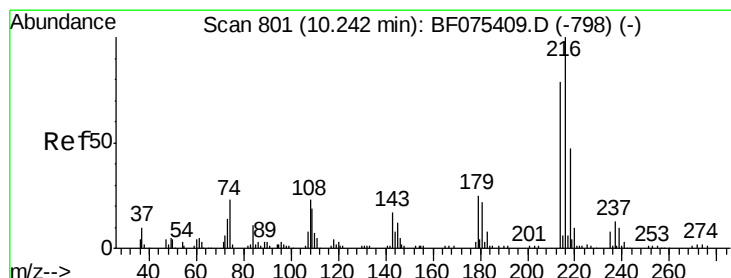
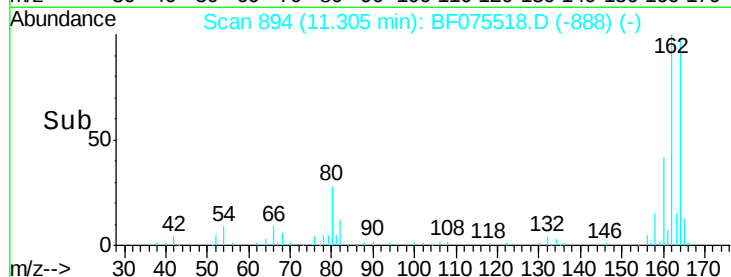
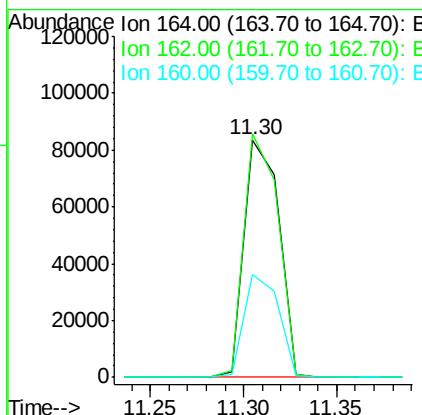
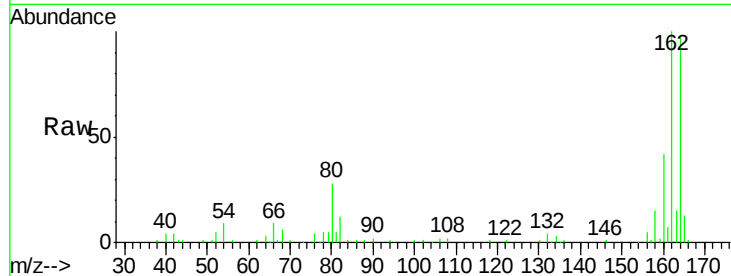
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.1	118.7
160	43.4	34.6	51.8

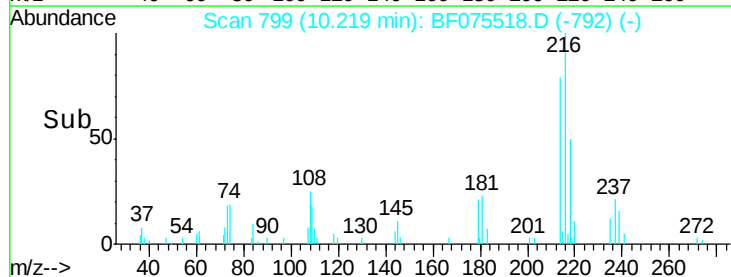
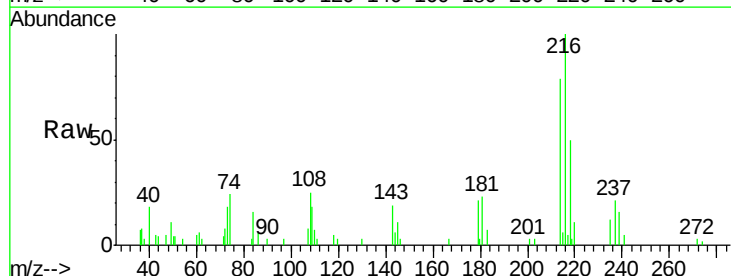
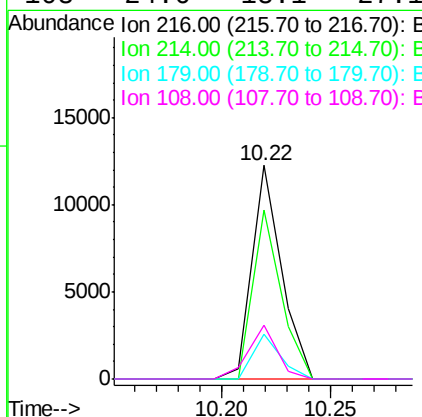
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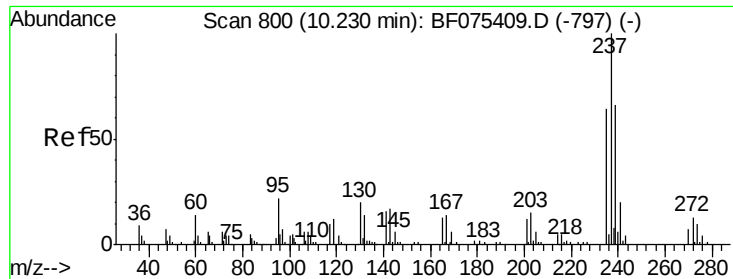
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 5.19 ng
RT: 10.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.2	62.8	94.2
179	19.7	18.7	28.1
108	24.6	18.1	27.1





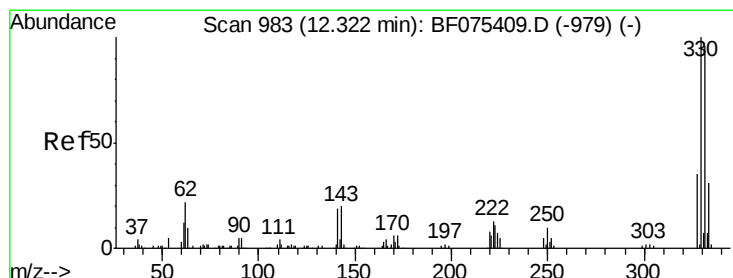
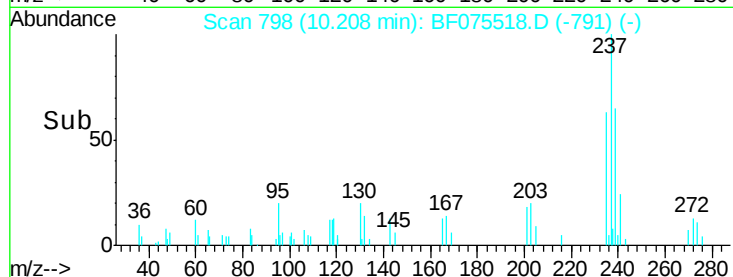
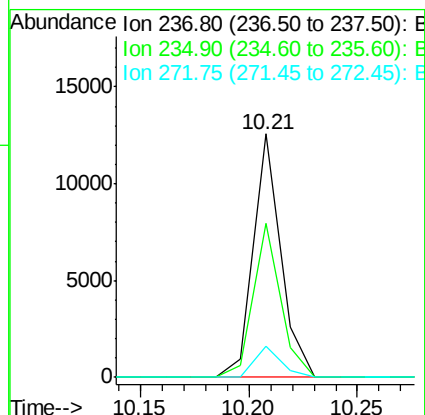
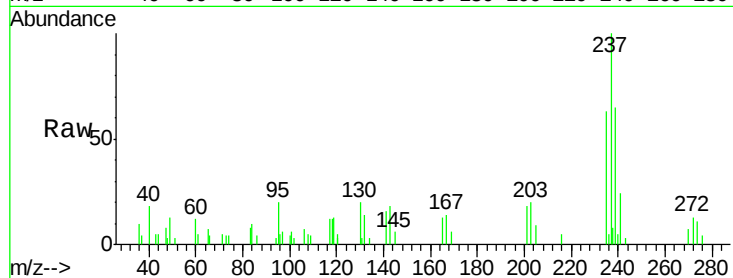
#40
Hexachlorocyclopentadiene
Concen: 8.15 ng
RT: 10.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	45.7	85.7
272	12.8	0.0	32.6

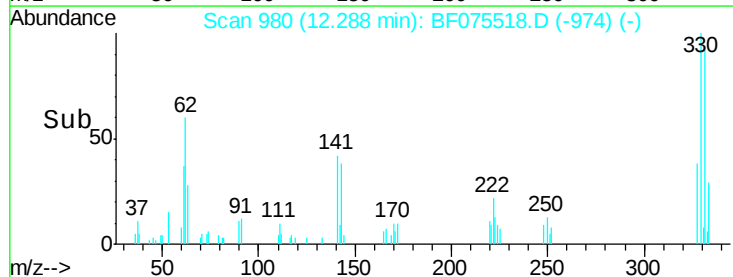
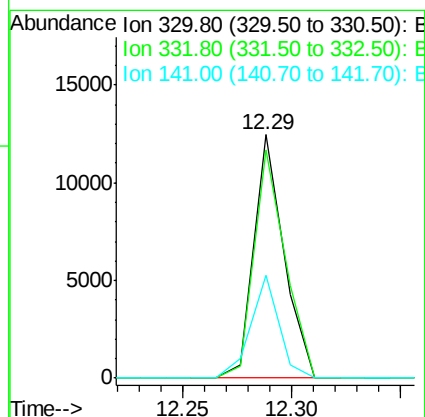
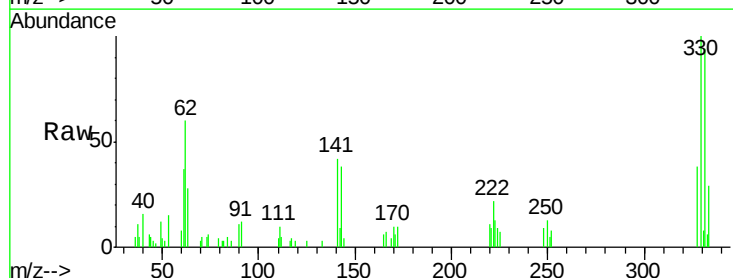
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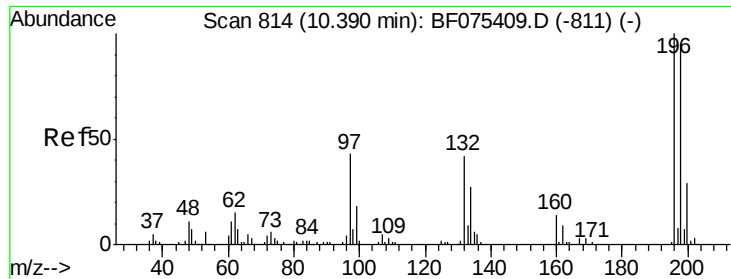
mohammad
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#41
2,4,6-Tribromophenol
Concen: 13.11 ng
RT: 12.29 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.8	74.5	111.7
141	40.0	30.7	46.1





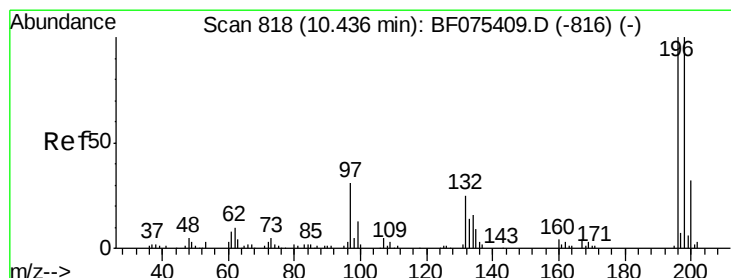
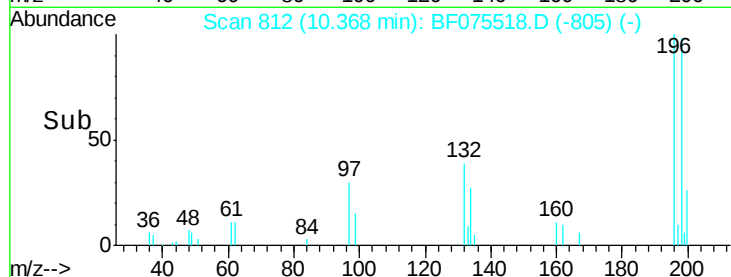
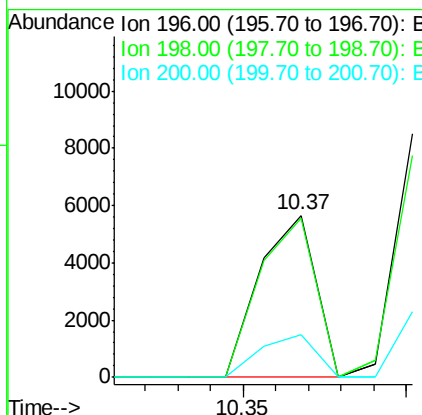
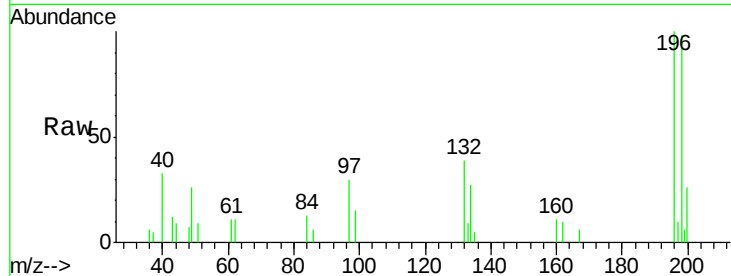
#42
2,4,6-Trichlorophenol
Concen: 3.80 ng
RT: 10.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion:196 Resp: 6744
Ion Ratio Lower Upper
196 100
198 98.5 75.7 113.5
200 26.1 23.4 35.0

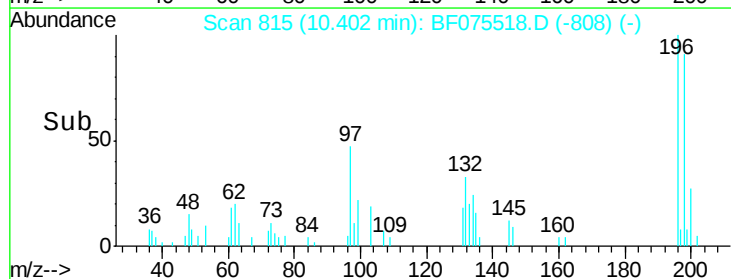
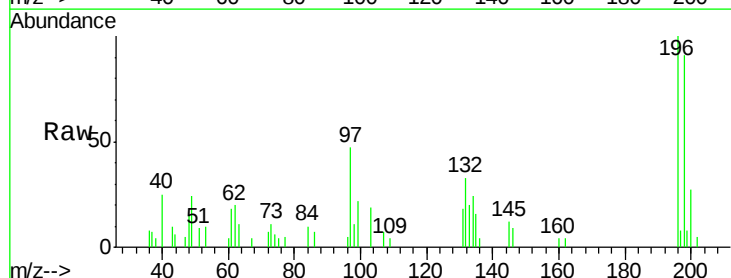
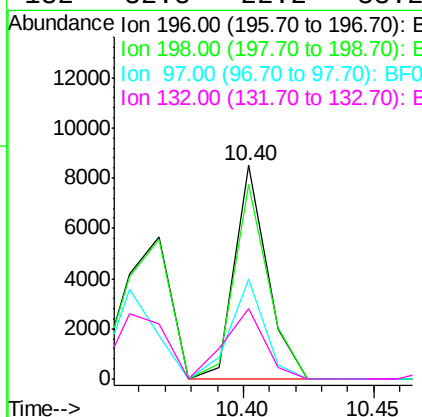
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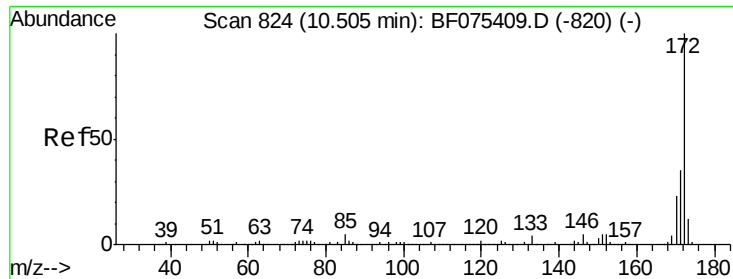
mohammad
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#43
2,4,5-Trichlorophenol
Concen: 4.07 ng
RT: 10.40 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion:196 Resp: 7514
Ion Ratio Lower Upper
196 100
198 91.1 78.2 117.4
97 46.8 29.9 44.9#
132 32.8 22.2 33.2





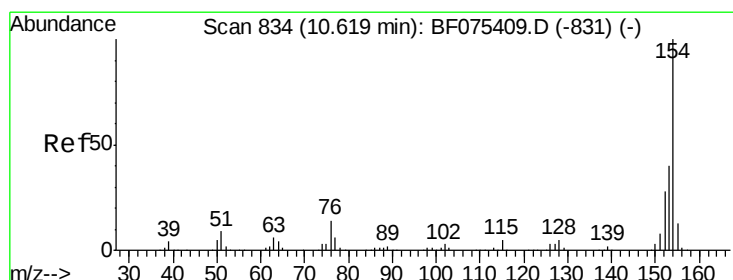
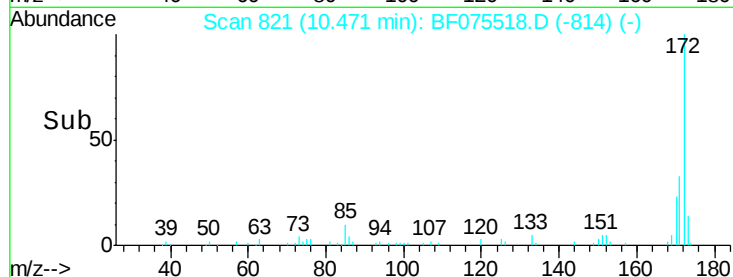
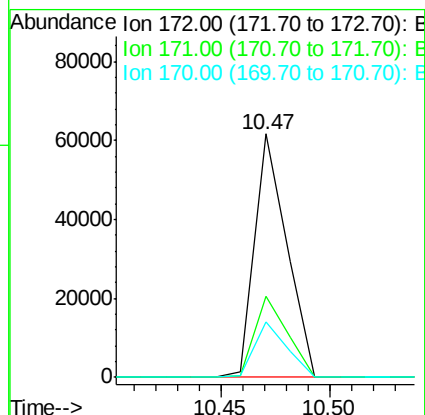
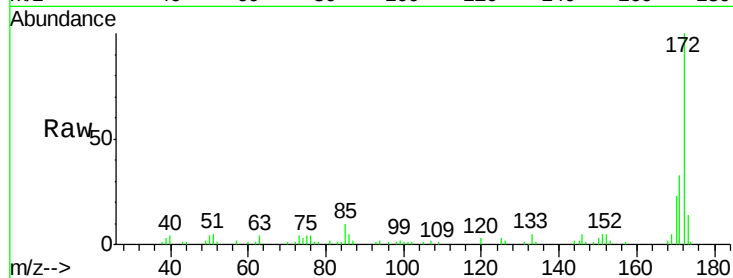
#44
2-Fluorobiphenyl
Concen: 10.57 ng
RT: 10.47 min Scan# 821
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.3	40.9
170	22.6	18.4	27.6

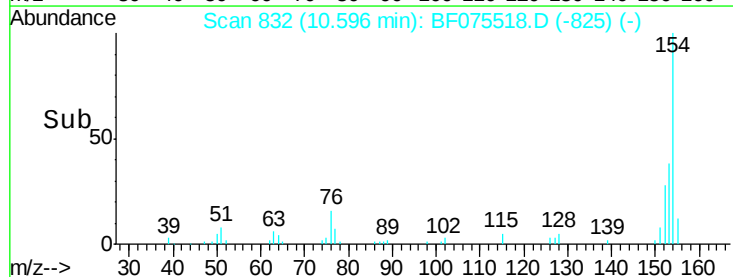
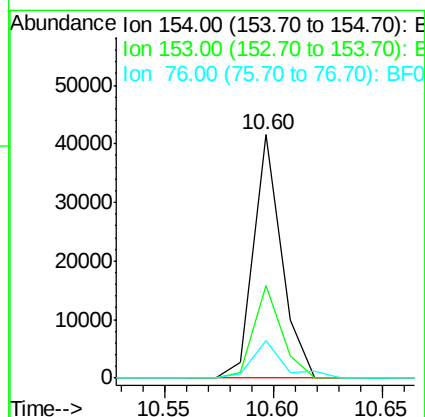
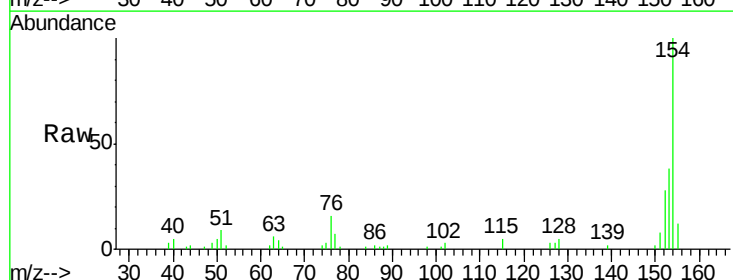
Manual Integrations
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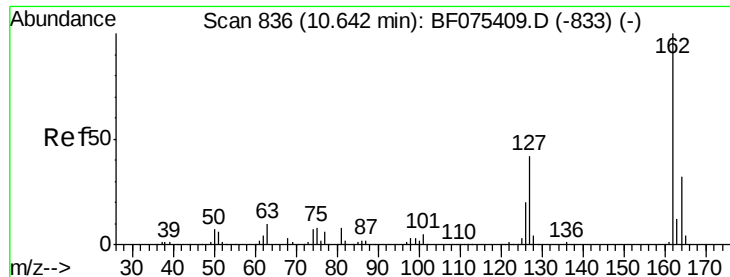
mohammad
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#45
1,1'-Biphenyl
Concen: 5.07 ng
RT: 10.60 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.2	19.3	59.3
76	15.5	0.0	35.0





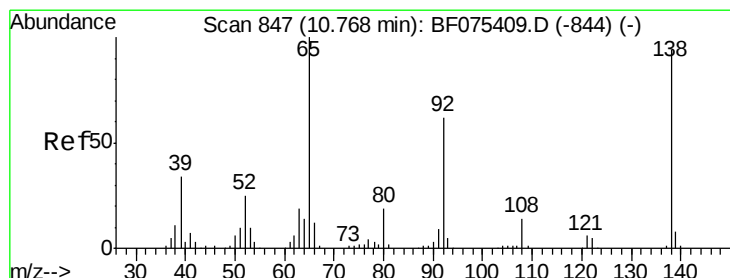
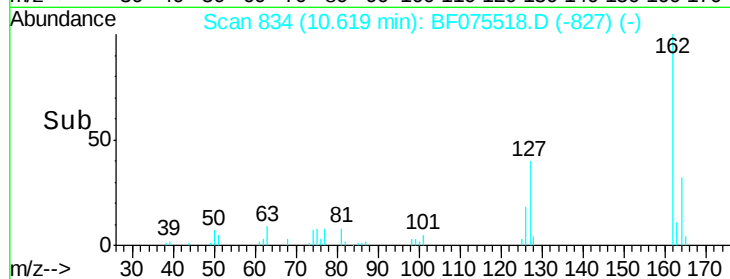
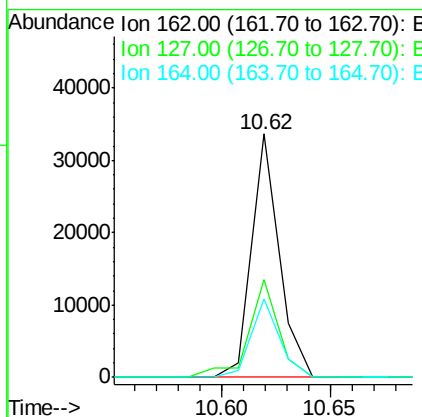
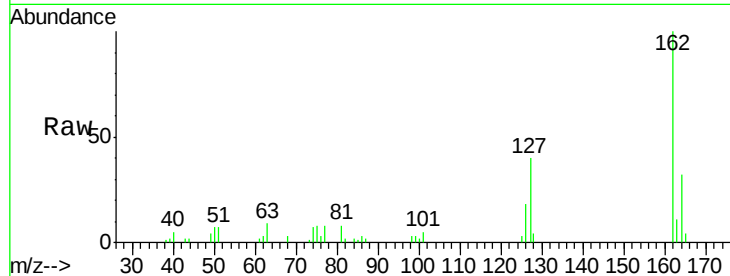
#46
2-Chloronaphthalene
Concen: 5.18 ng
RT: 10.62 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	34.6	51.8
164	32.1	25.1	37.7

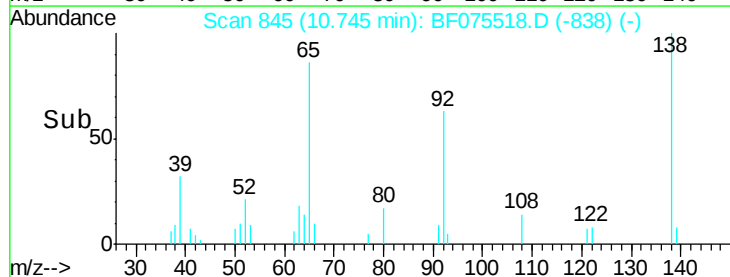
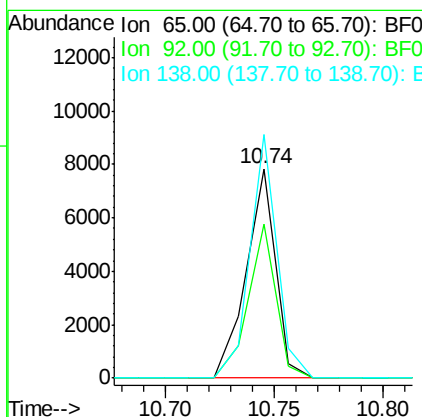
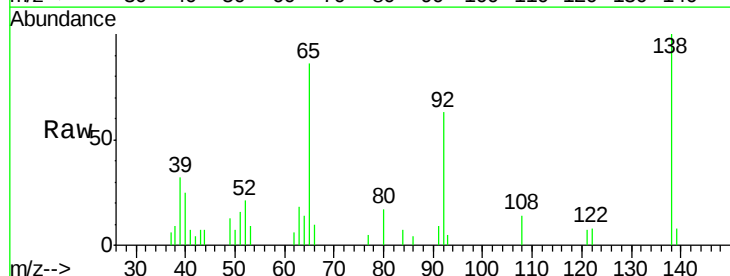
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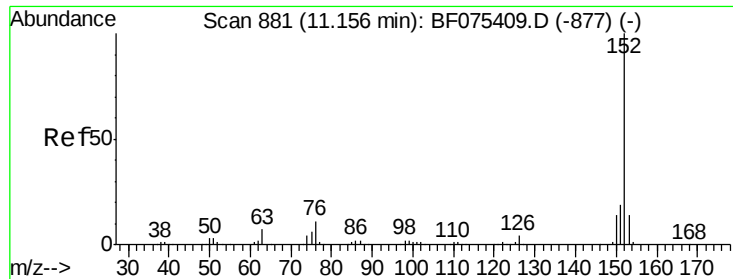
mohammad
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#47
2-Nitroaniline
Concen: 4.25 ng
RT: 10.74 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	46.7	70.1#
138	116.1	62.8	94.2#





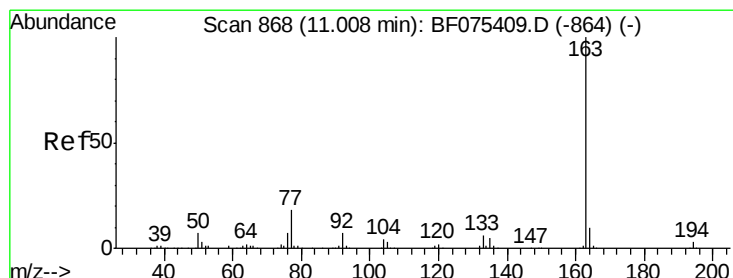
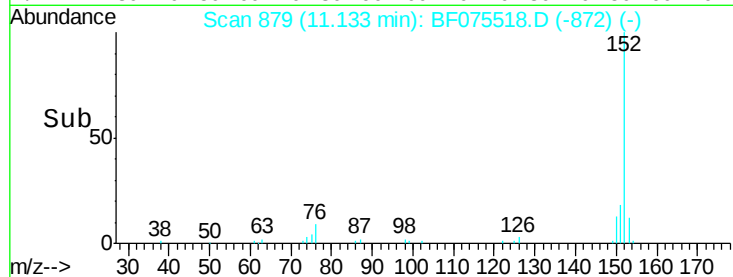
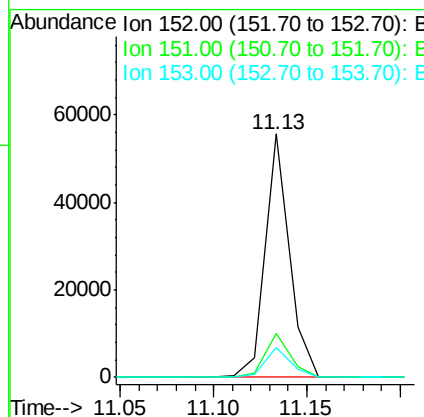
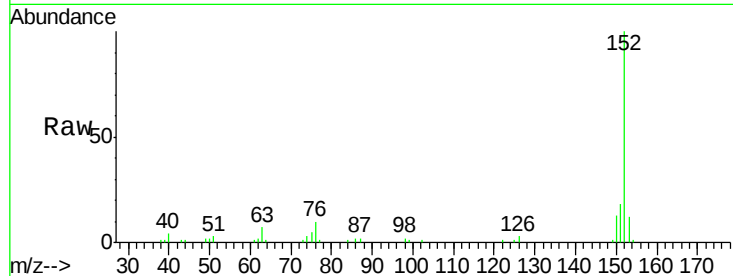
#48
Acenaphthylene
Concen: 5.23 ng
RT: 11.13 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	49400		
151	18.0		15.4	23.2
153	12.1		10.0	15.0

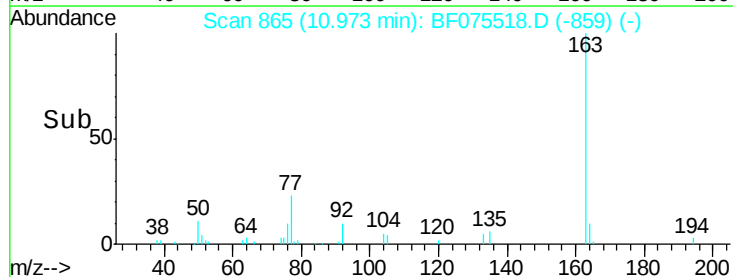
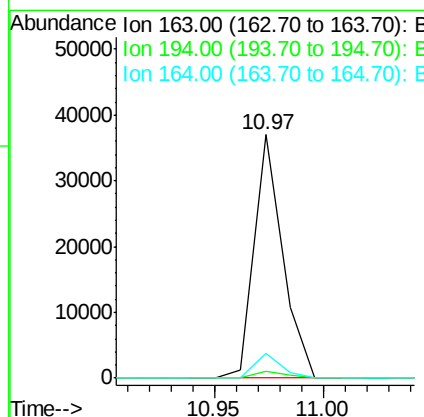
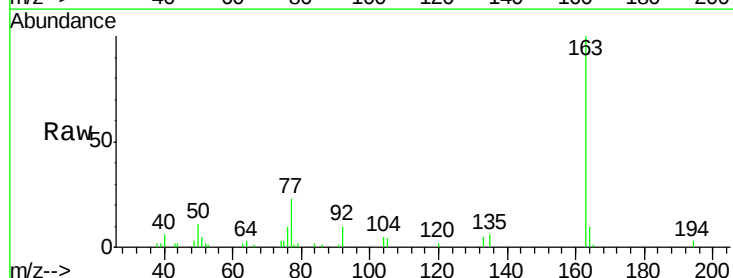
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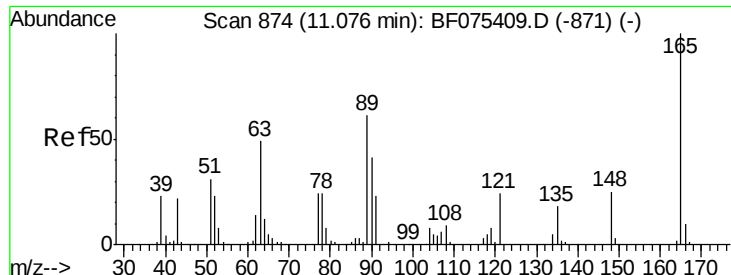
mohammad
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#49
Dimethylphthalate
Concen: 4.52 ng
RT: 10.97 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	33517		
194	2.9		2.7	4.1
164	10.0		8.0	12.0





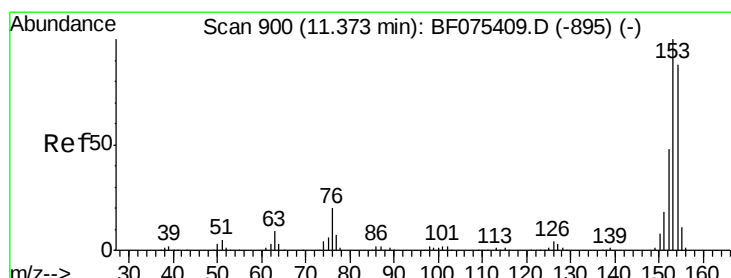
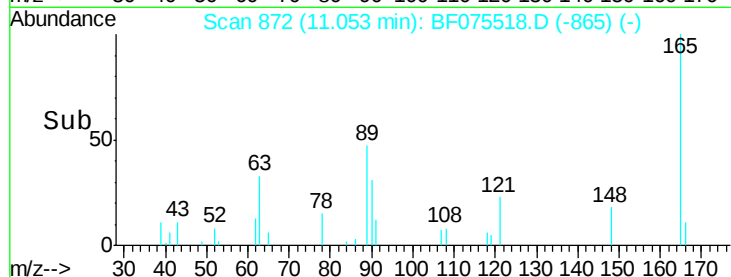
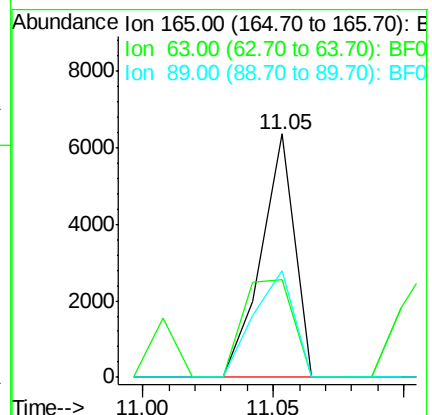
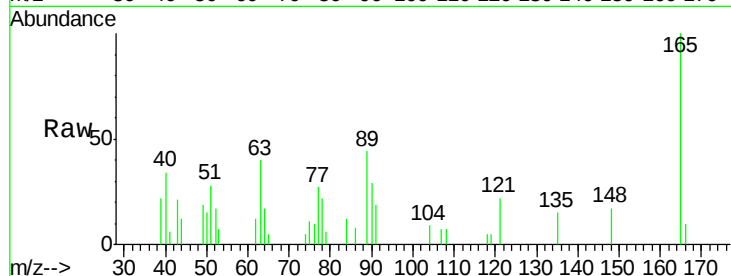
#50
2,6-Dinitrotoluene
Concen: 3.91 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.1	61.2	91.8#
89	43.9	52.5	78.7#

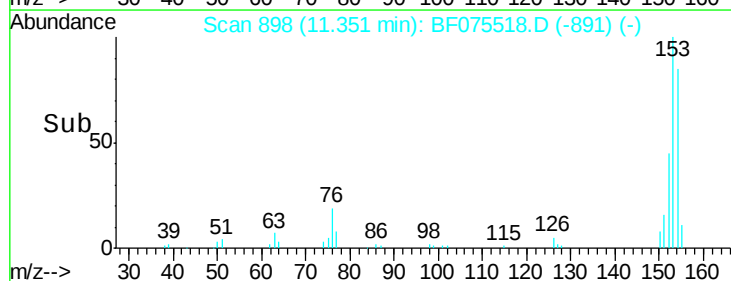
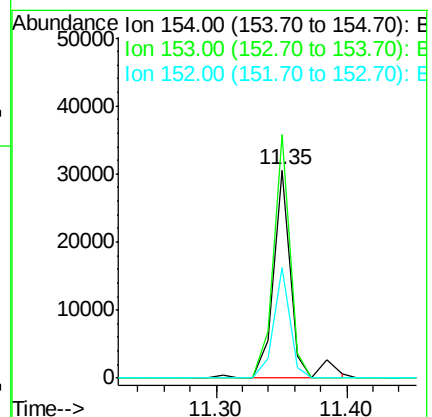
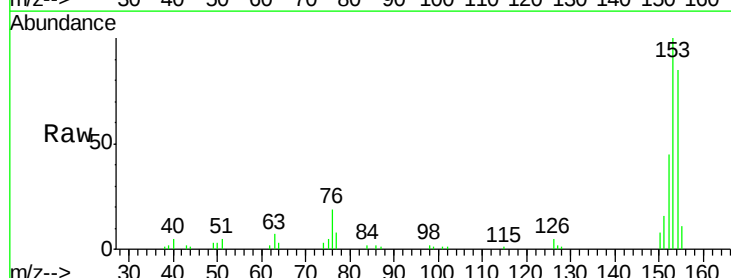
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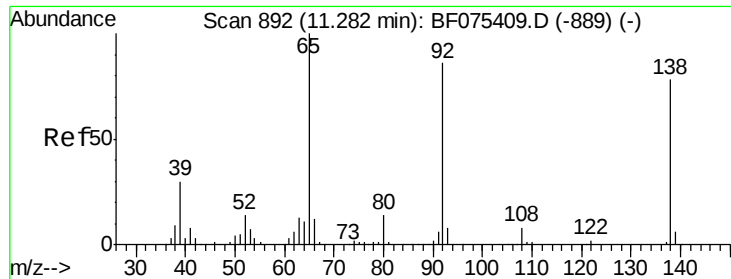
mohammad
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#51
Acenaphthene
Concen: 5.18 ng
RT: 11.35 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.1	91.2	136.8
152	53.2	43.4	65.0





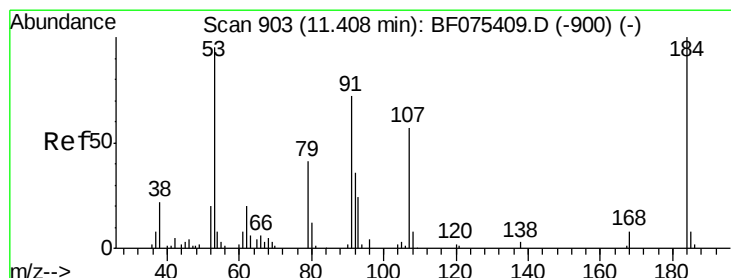
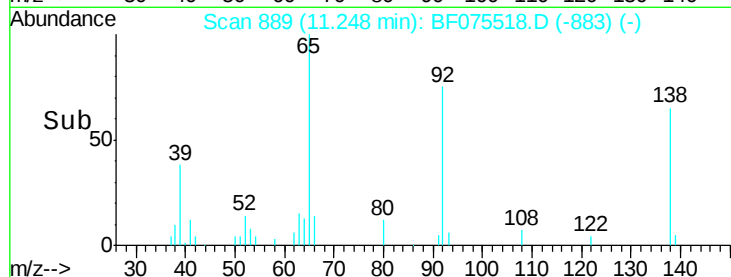
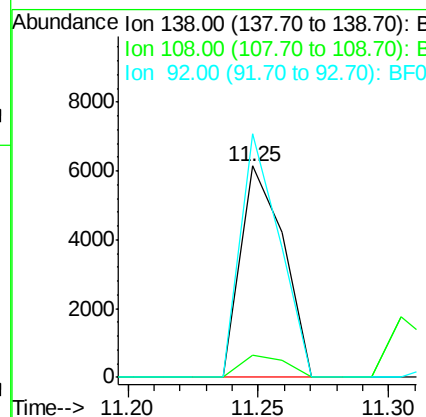
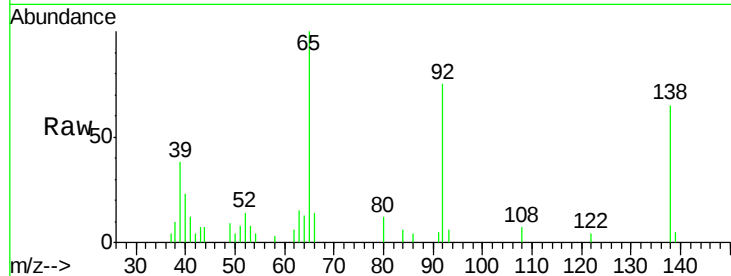
#52
3-Nitroaniline
Concen: 4.12 ng
RT: 11.25 min Scan# 889
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	10.2	15.2
92	115.3	91.0	136.6

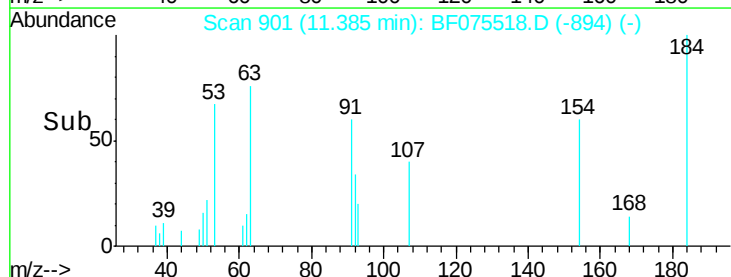
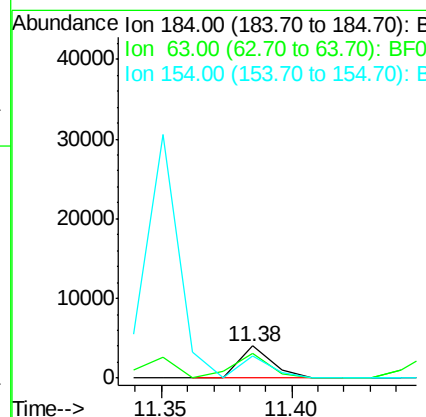
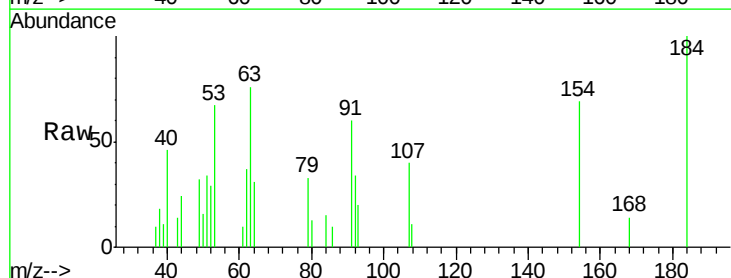
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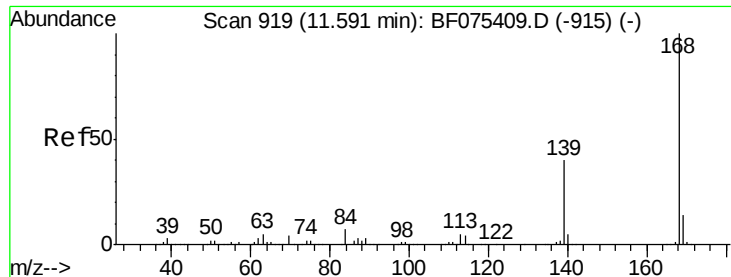
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#53
2,4-Dinitrophenol
Concen: 7.34 ng
RT: 11.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.0	96.3	144.5#
154	69.0	56.2	84.4





#54

Dibenzenofuran

Concen: 4.86 ng

RT: 11.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF075518.D

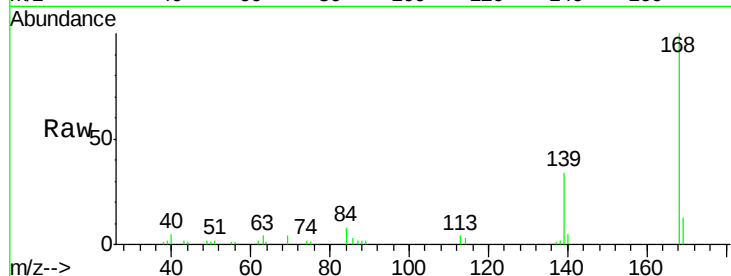
Acq: 15 Nov 2014 2:41

Instrument :

BNA_F

ClientSampleId :

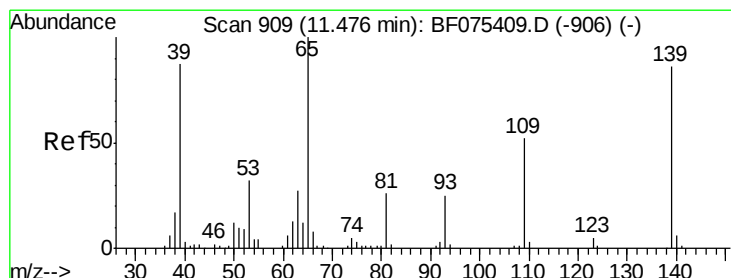
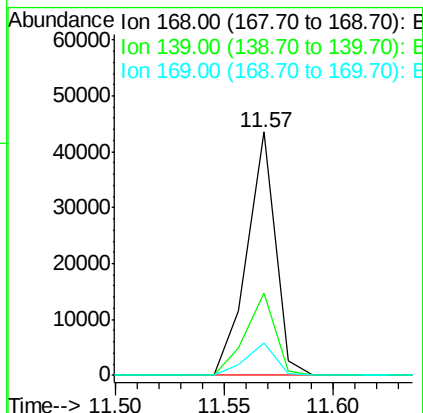
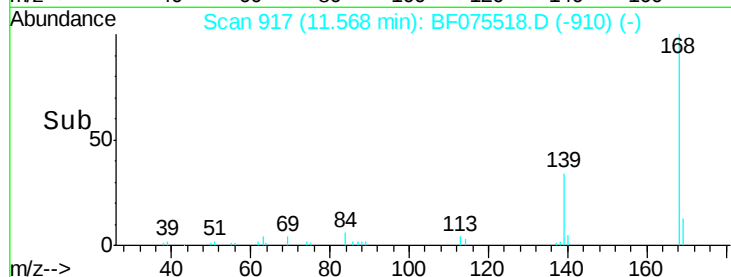
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Tot Ion	168	139	169
Ratio	100	34.0	13.3
Lower		33.0	10.8
Upper		49.4	16.2

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#55

4-Nitrophenol

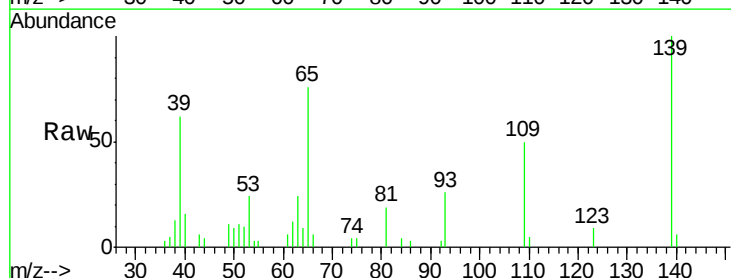
Concen: 8.77 ng

RT: 11.45 min Scan# 907

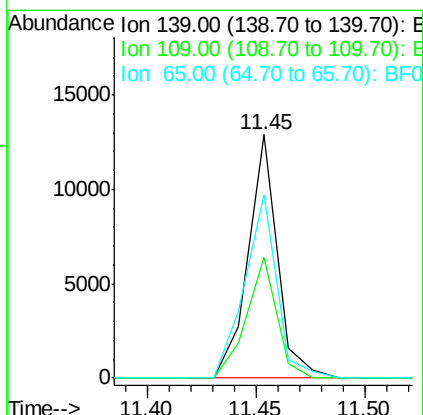
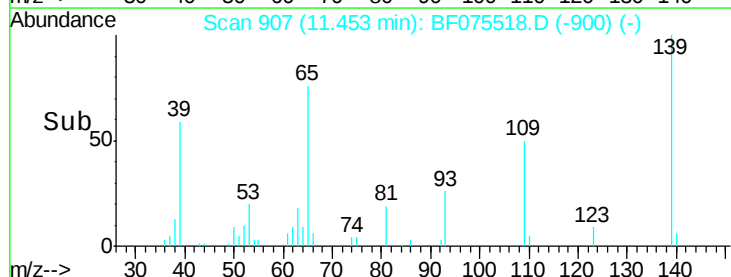
Delta R.T. -0.02 min

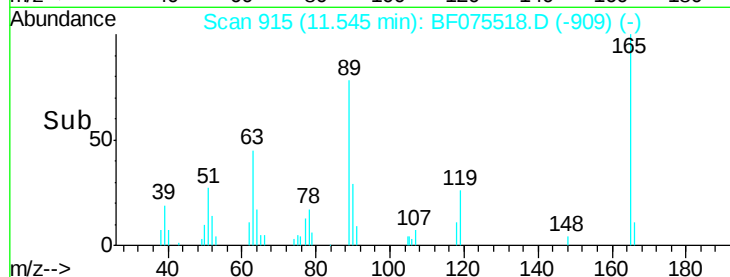
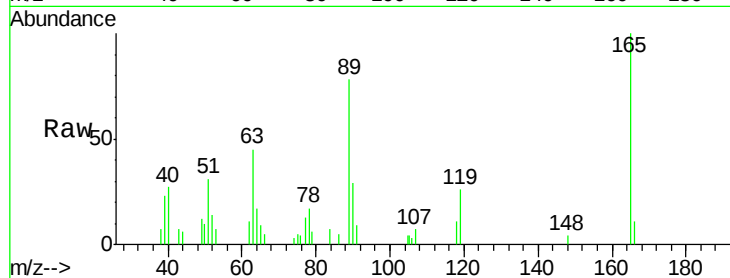
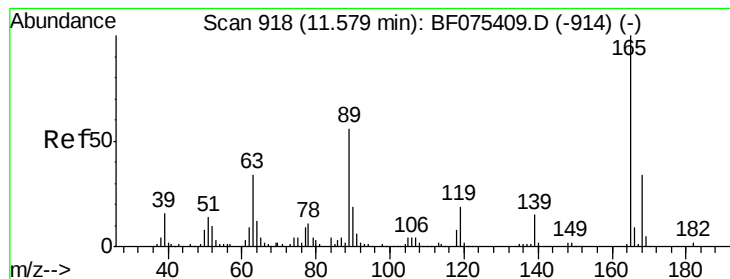
Lab File: BF075518.D

Acq: 15 Nov 2014 2:41



Tgt Ion	139	109	65
Ratio	100	49.7	75.6
Lower		45.8	94.8
Upper		85.8	134.8#





#56

2,4-Dinitrotoluene

Concen: 4.22 ng

RT: 11.54 min Scan# 915

Delta R.T. -0.03 min

Lab File: BF075518.D

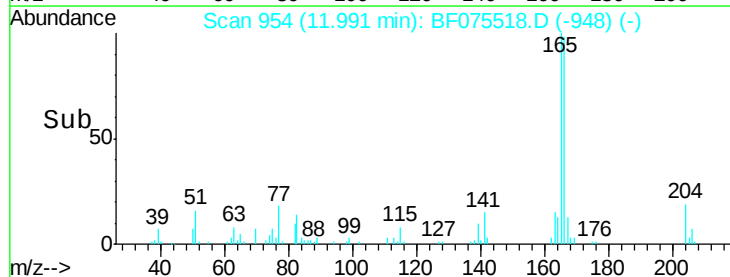
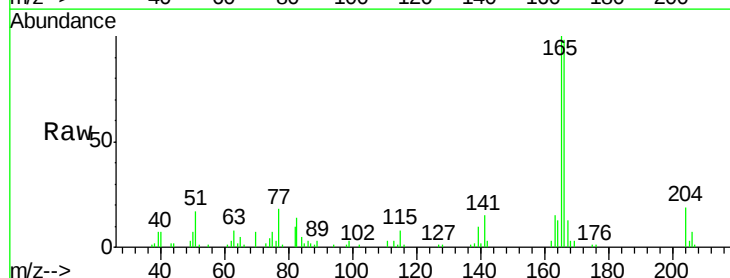
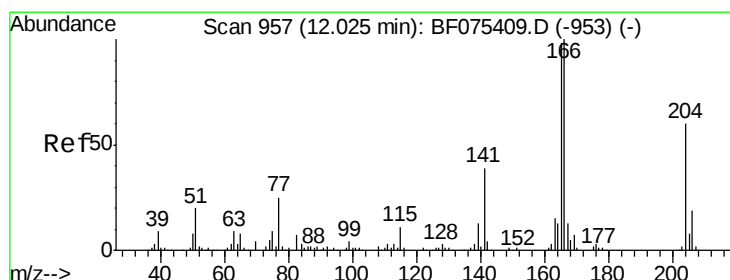
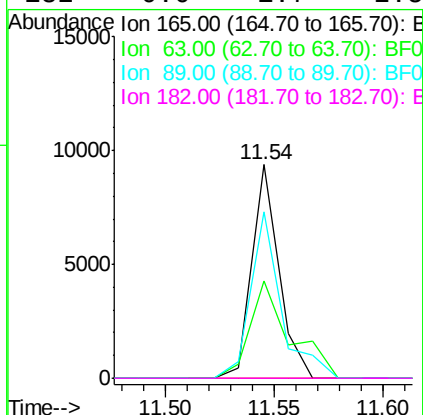
Acq: 15 Nov 2014 2:41

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	27.0	40.6#
89	78.1	47.8	71.6#
182	0.0	1.7	2.5#

Instrument :
BNA_F
ClientSampleId :
PB80231BS

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#57

Fluorene

Concen: 4.88 ng

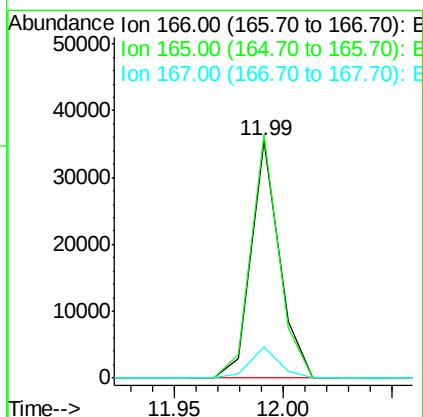
RT: 11.99 min Scan# 954

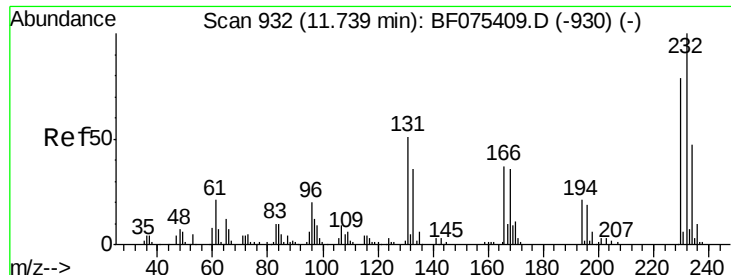
Delta R.T. -0.03 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.4	78.8	118.2
167	13.2	10.6	15.8





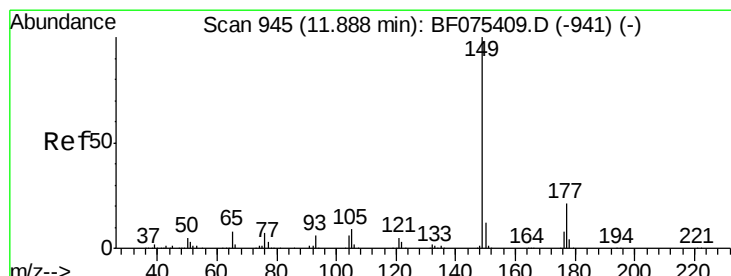
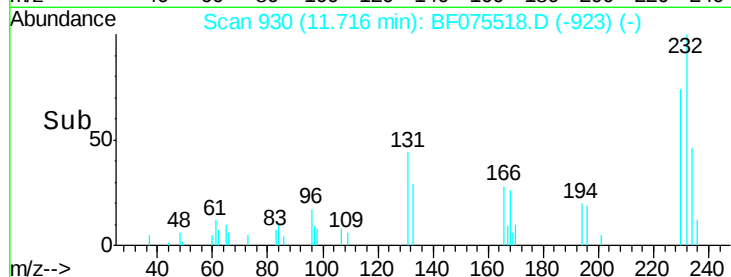
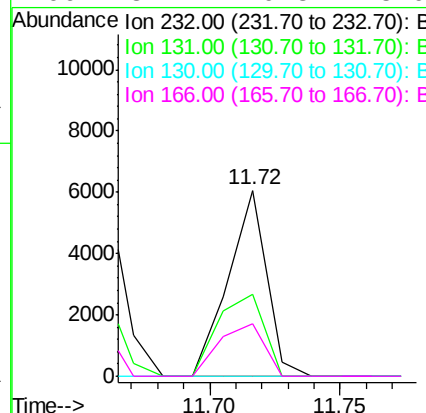
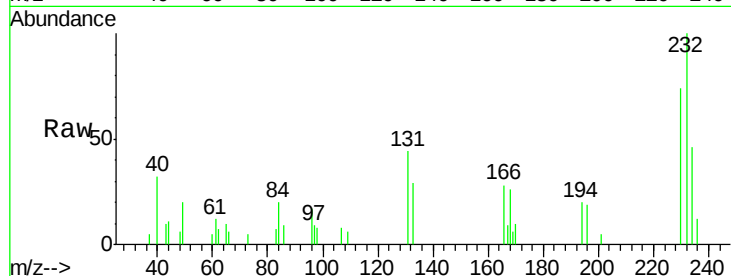
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.26 ng
 RT: 11.72 min Scan# 930
 Delta R.T. -0.02 min
 Lab File: BF075518.D
 Acq: 15 Nov 2014 2:41

Instrument :
 BNA_F
 ClientSampled :
 PB80231BS

Tot Ion:	232	Resp:	6248
Ion Ratio	Lower	Upper	
232	100		
131	52.6	44.6	67.0
130	0.0	2.5	3.7#
166	32.7	29.3	43.9

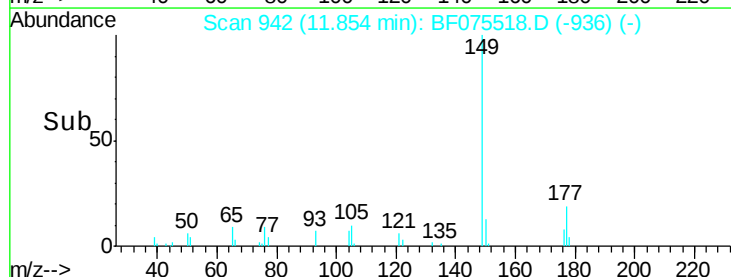
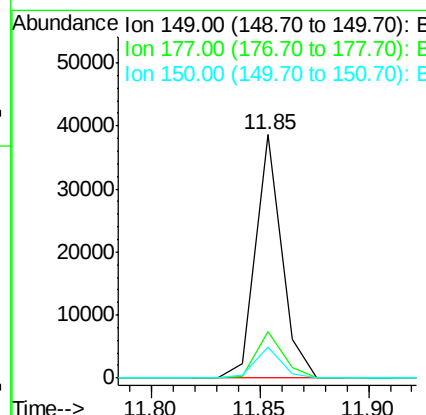
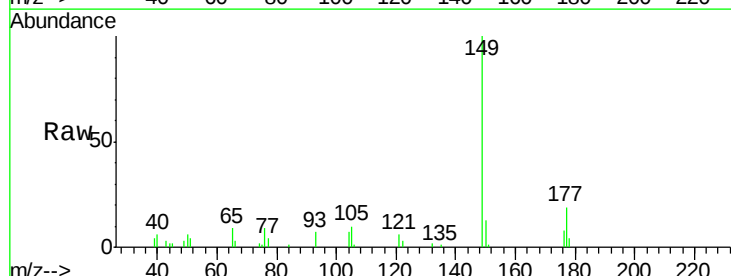
Manual Integrations
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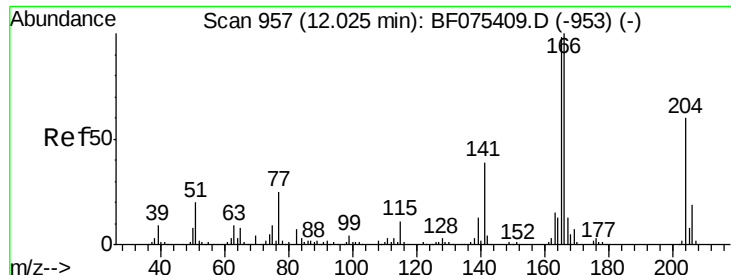
mohammad
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#59
 Diethylphthalate
 Concen: 4.18 ng
 RT: 11.85 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF075518.D
 Acq: 15 Nov 2014 2:41

Tgt Ion:	149	Resp:	32211
Ion Ratio	Lower	Upper	
149	100		
177	19.2	15.8	23.8
150	12.8	9.9	14.9





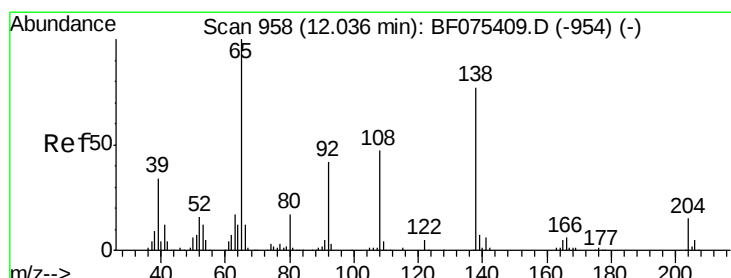
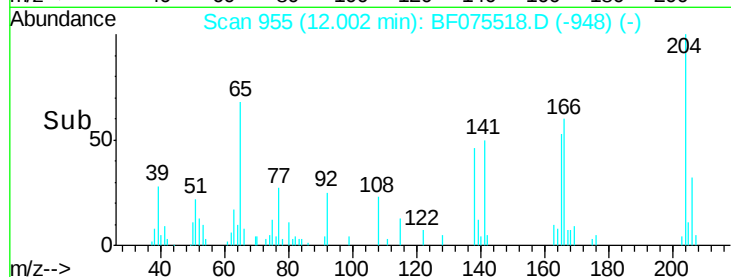
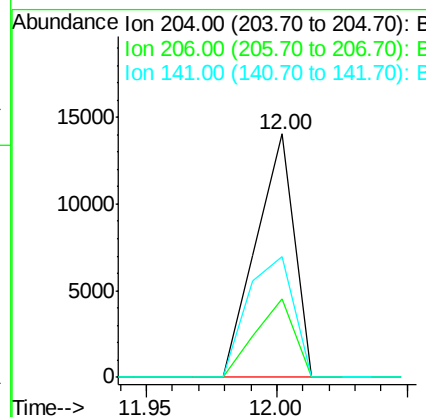
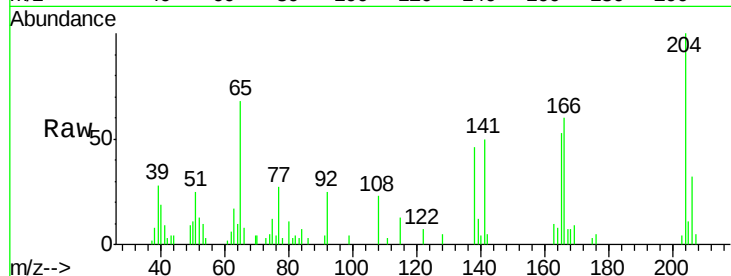
#60
4-Chlorophenyl-phenylether
Concen: 5.11 ng
RT: 12.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampled :
PB80231BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.1	37.7
141	49.7	58.6	87.8#

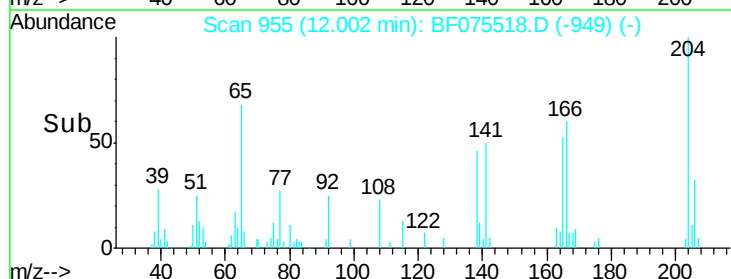
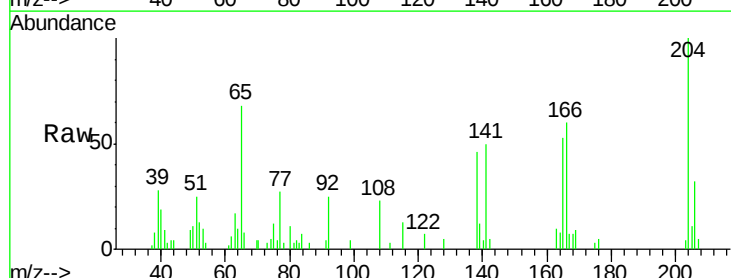
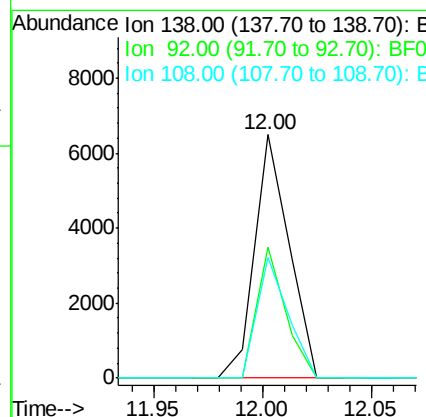
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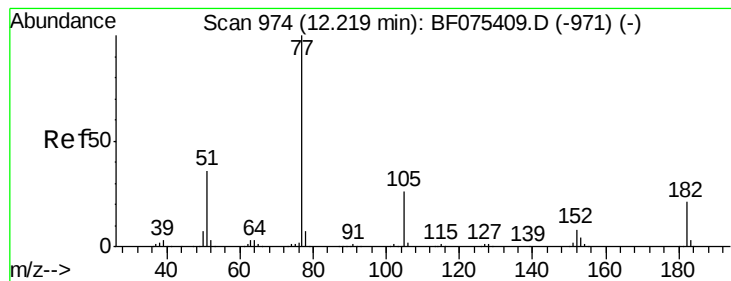
mohammad
11/17/2014 7:35:15 PM



#61
4-Nitroaniline
Concen: 4.15 ng
RT: 12.00 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.7	34.8	74.8
108	49.7	50.6	90.6#





#62

Azobenzene

Concen: 4.33 ng

RT: 12.20 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Instrument :

BNA_F

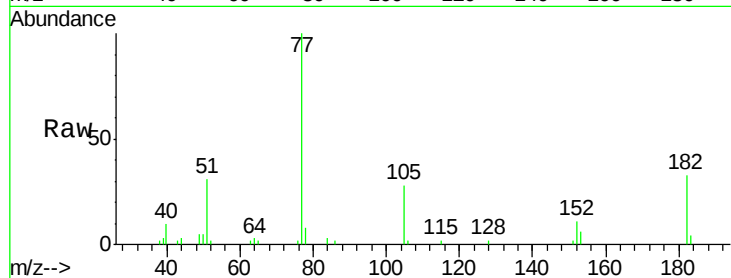
ClientSampleId :

PB80231BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	32.6	0.0	37.1		
105	28.3	3.7	43.7		
51	30.9	18.7	58.7		

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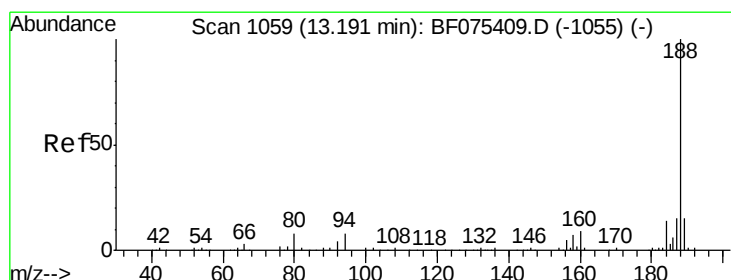
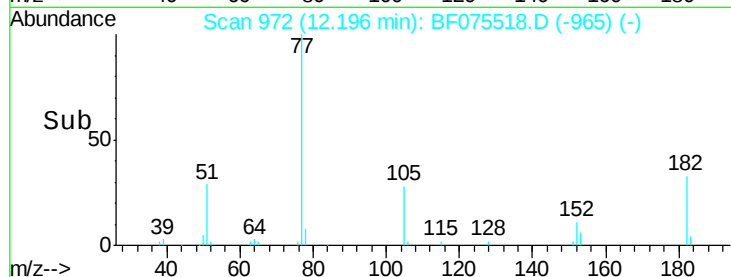
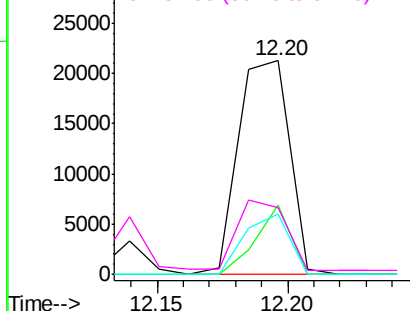


Abundance Ion 77.00 (76.70 to 77.70): BF075409.D (-971) (-)

Ion 182.00 (181.70 to 182.70): BF075409.D (-971) (-)

Ion 105.00 (104.70 to 105.70): BF075409.D (-971) (-)

Ion 51.00 (50.70 to 51.70): BF075409.D (-971) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

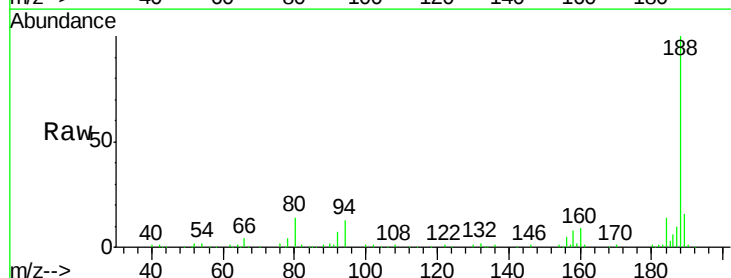
RT: 13.16 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

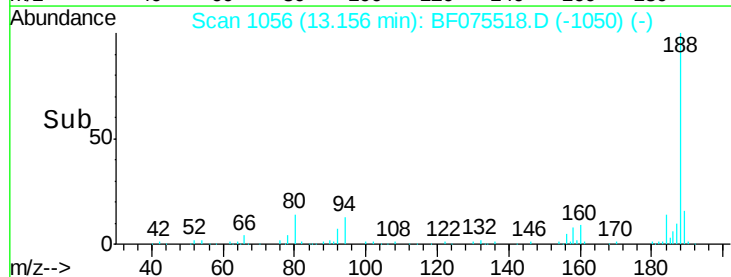
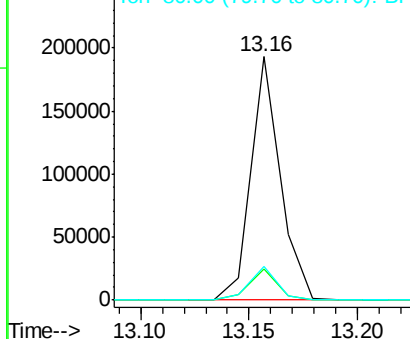
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	12.7	7.8	11.6#		
80	13.9	8.0	12.0#		

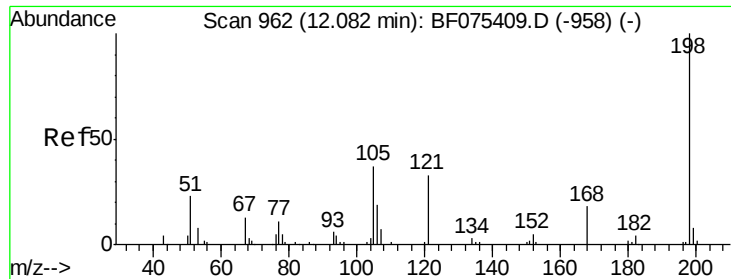


Abundance Ion 188.00 (187.70 to 188.70): BF075409.D (-1055) (-)

Ion 94.00 (93.70 to 94.70): BF075409.D (-1055) (-)

Ion 80.00 (79.70 to 80.70): BF075409.D (-1055) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 2.89 ng

RT: 12.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Instrument :

BNA_F

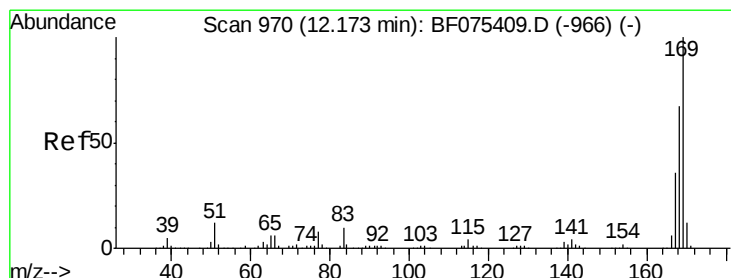
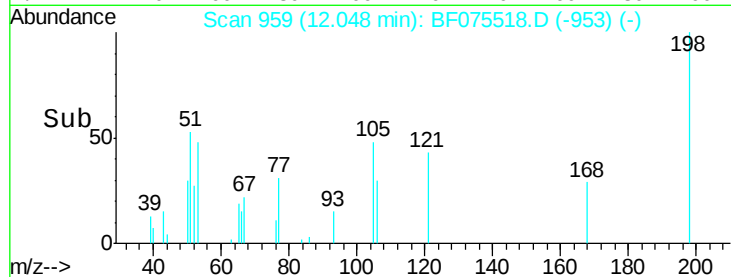
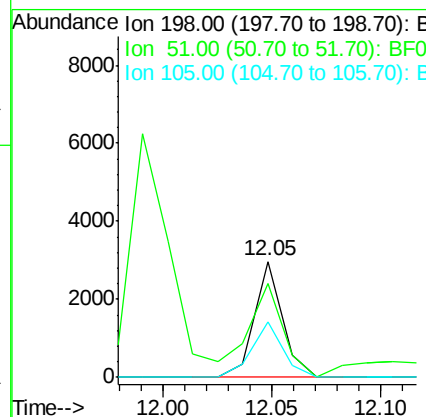
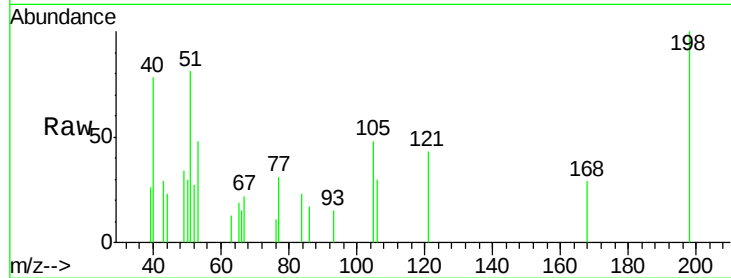
ClientSampleId :

PB80231BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	2649		
51	80.9	26.0	66.0#	
105	47.7	24.2	64.2	

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#65

n-Nitrosodiphenylamine

Concen: 4.79 ng

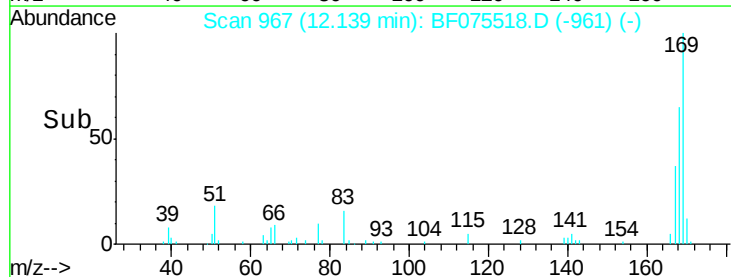
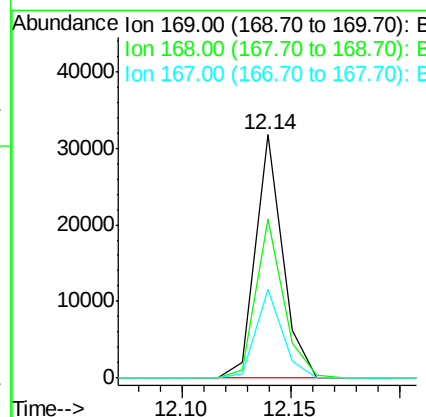
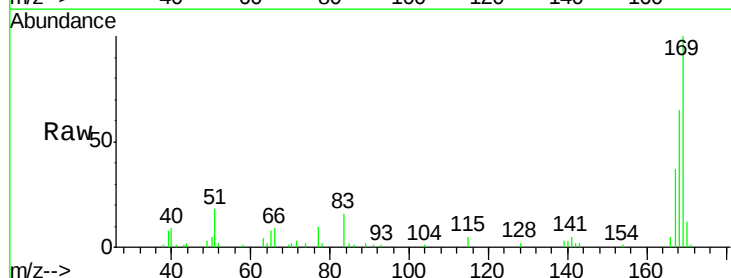
RT: 12.14 min Scan# 967

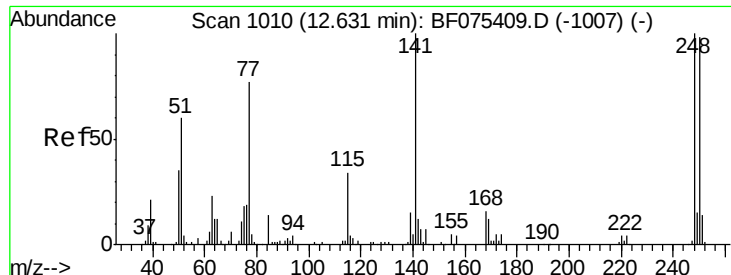
Delta R.T. -0.03 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	27440		
168	65.2	53.5	80.3	
167	36.6	29.8	44.6	





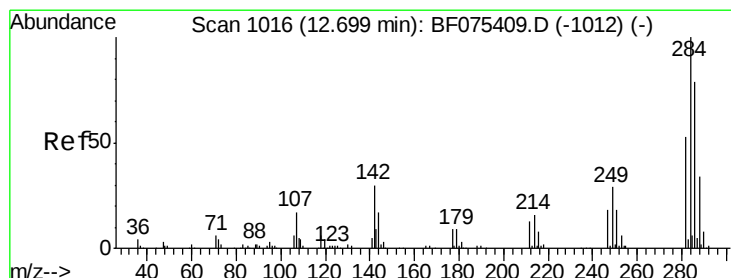
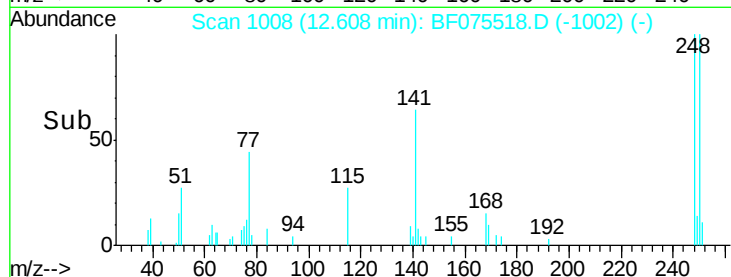
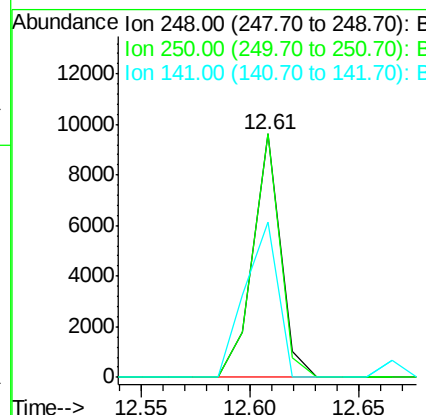
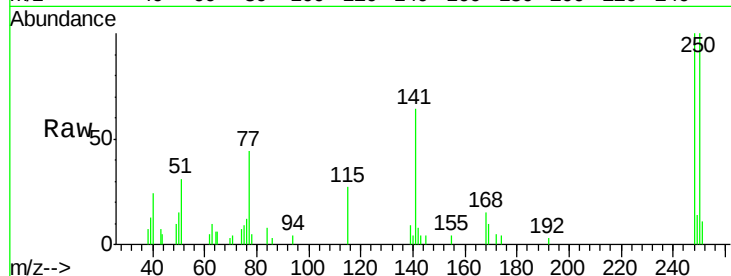
#66
4-Bromophenyl-phenylether
Concen: 5.00 ng
RT: 12.61 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.0	76.3	114.5
141	64.0	44.3	66.5

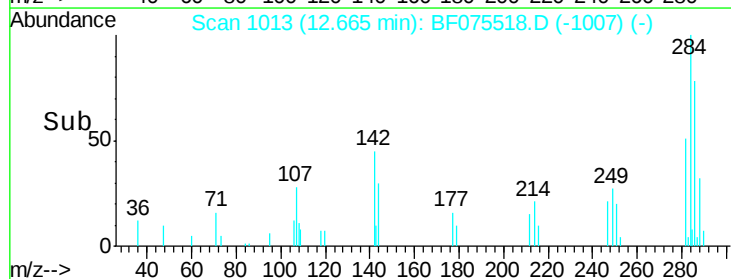
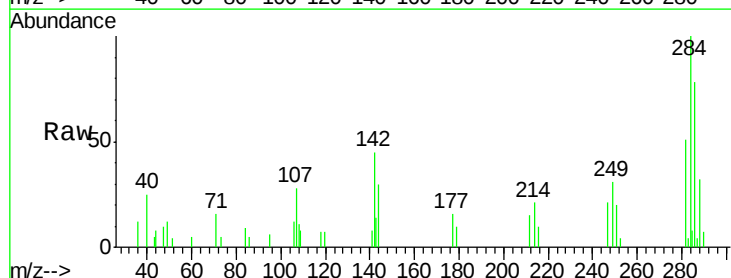
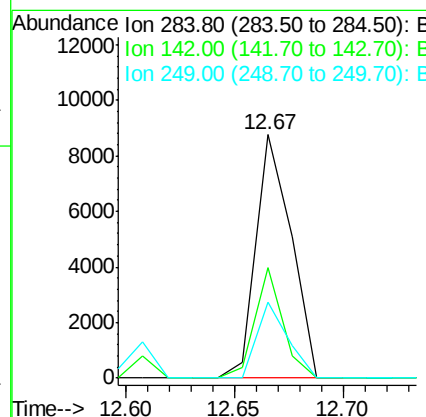
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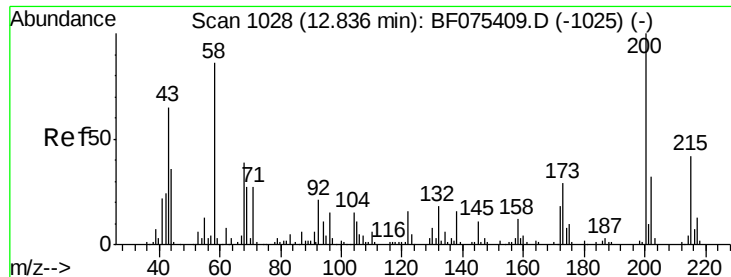
mohammad
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#67
Hexachlorobenzene
Concen: 5.10 ng
RT: 12.67 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.2	28.7	43.1#
249	31.2	24.1	36.1





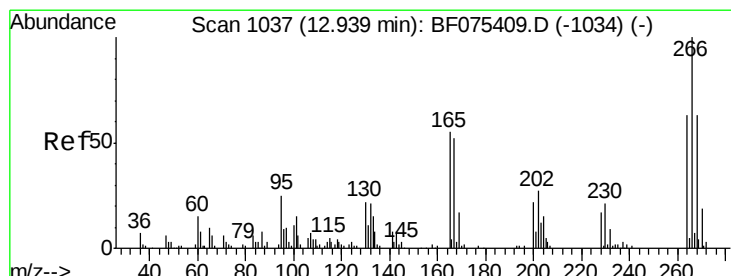
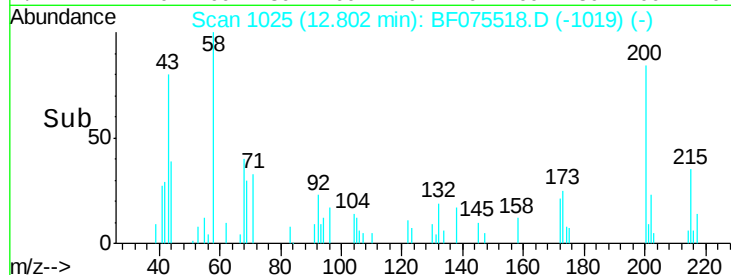
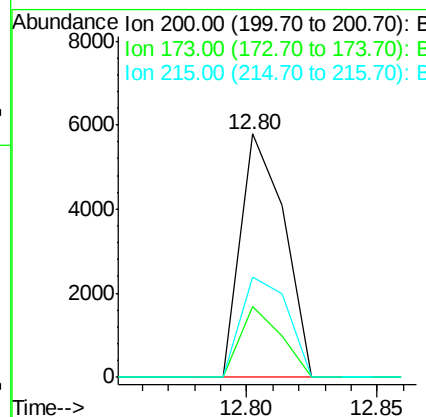
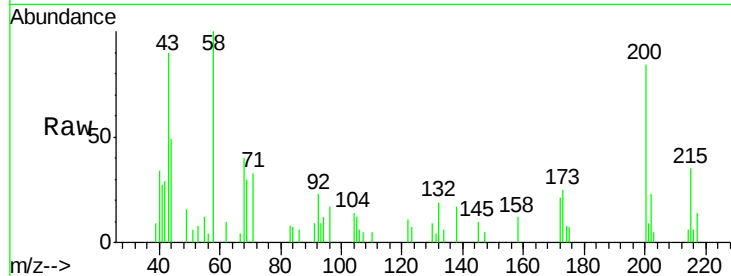
#68
Atrazine
Concen: 3.81 ng
RT: 12.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.3	12.3	52.3
215	41.3	23.8	63.8

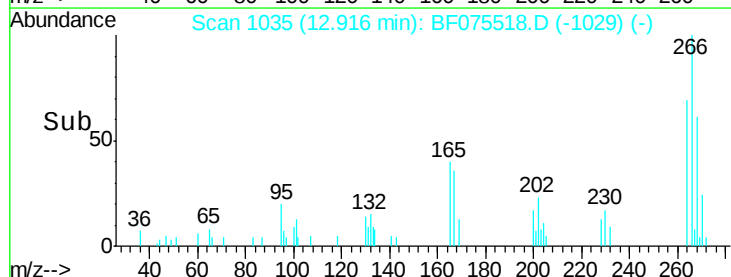
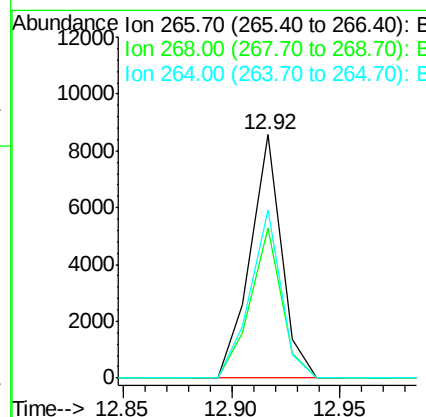
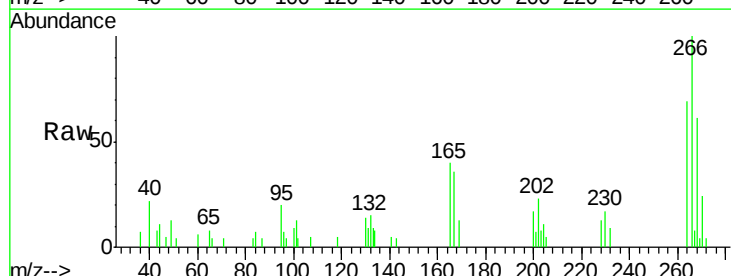
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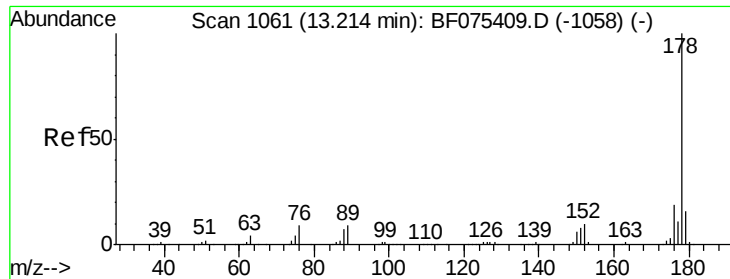
mohammad
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#69
Pentachlorophenol
Concen: 7.07 ng
RT: 12.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	48.6	73.0
264	69.0	52.1	78.1





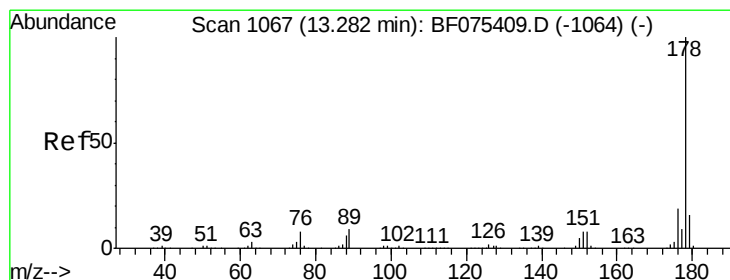
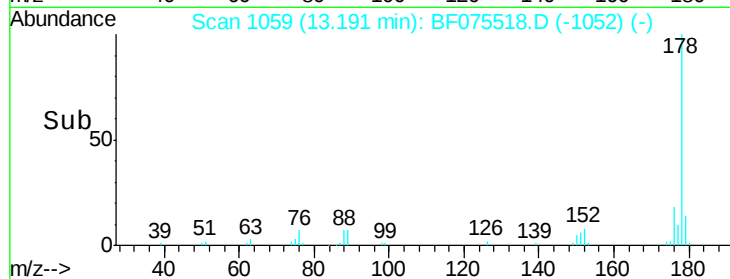
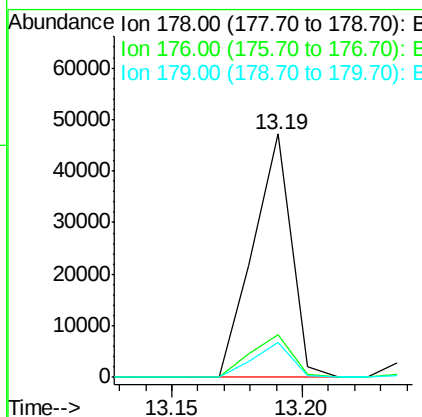
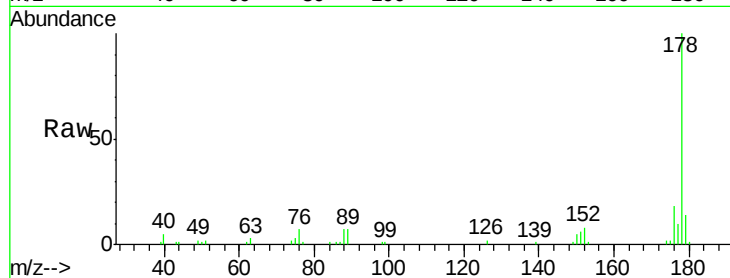
#70
Phenanthrene
Concen: 5.12 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.3	22.9
179	14.3	12.2	18.4

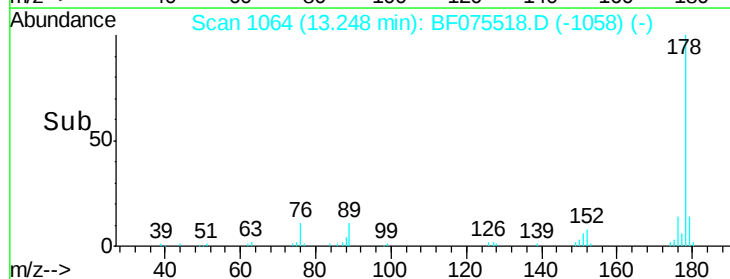
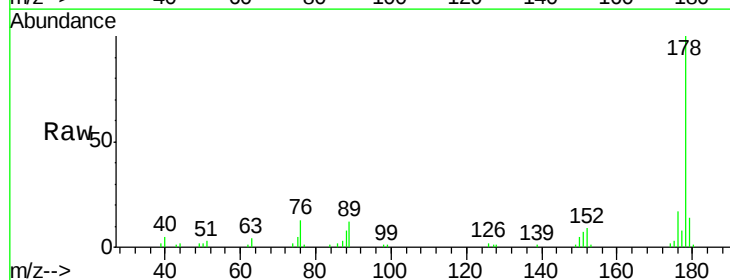
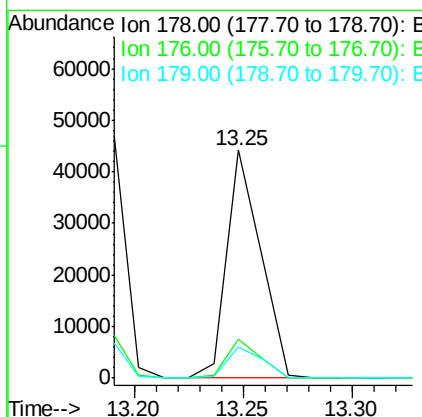
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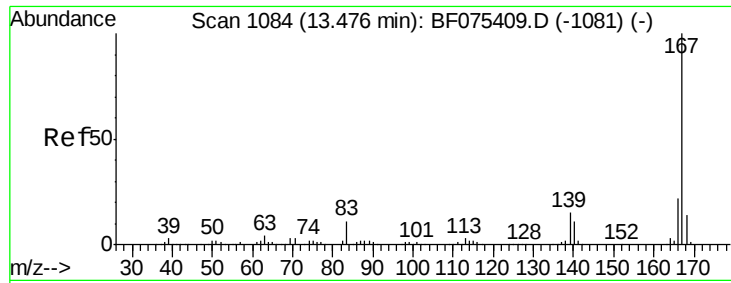
mohammad
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#71
Anthracene
Concen: 4.82 ng
RT: 13.25 min Scan# 1064
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.1	22.7
179	13.9	12.2	18.2





#72

Carbazole

Concen: 4.56 ng

RT: 13.45 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Instrument :

BNA_F

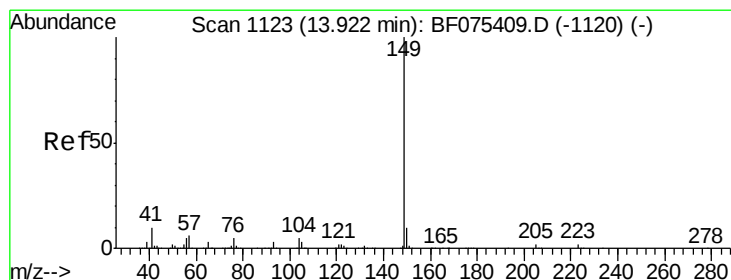
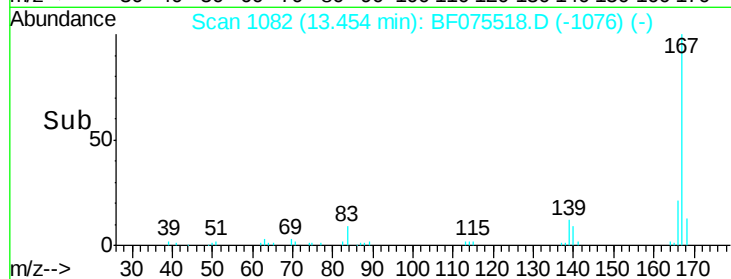
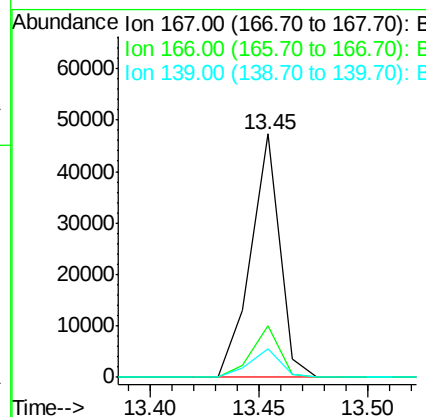
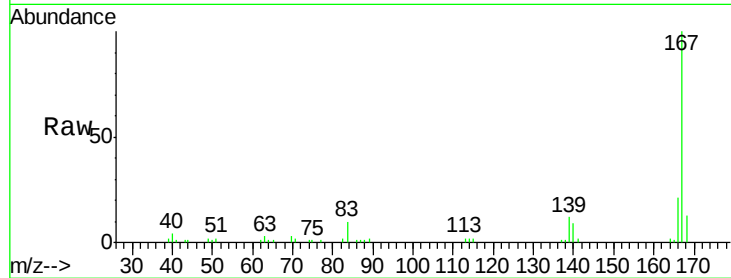
ClientSampleId :

PB80231BS

Tot Ion:	167	Resp:	43924
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.4	26.0
139	11.8	10.1	15.1

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#73

Di-n-butylphthalate

Concen: 3.70 ng

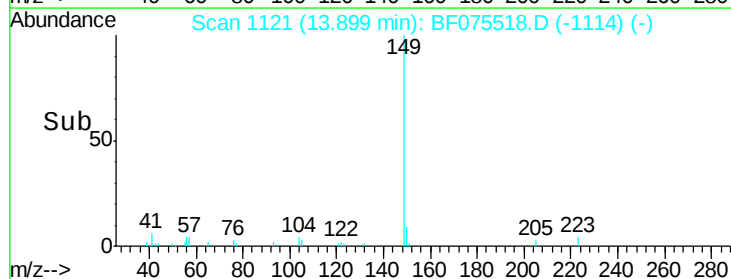
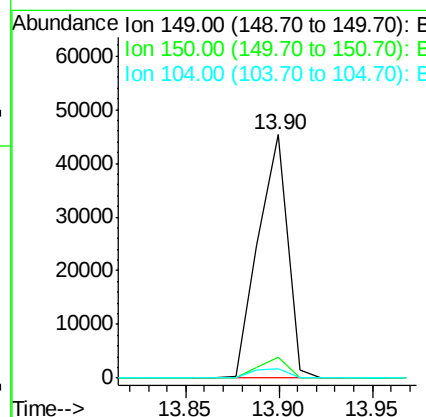
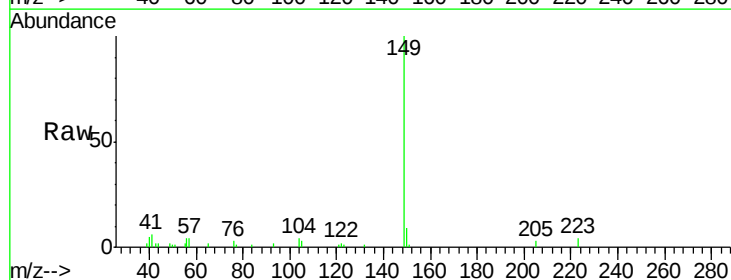
RT: 13.90 min Scan# 1121

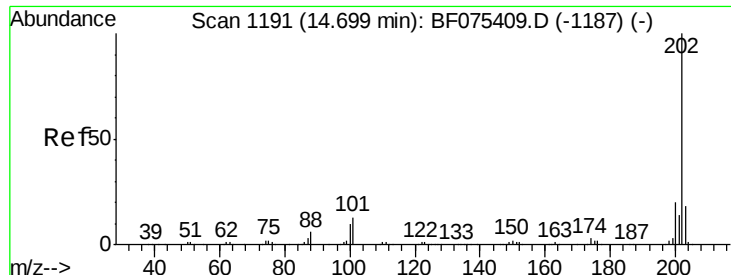
Delta R.T. -0.02 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Tgt Ion:	149	Resp:	49231
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.3	10.9
104	4.1	3.1	4.7





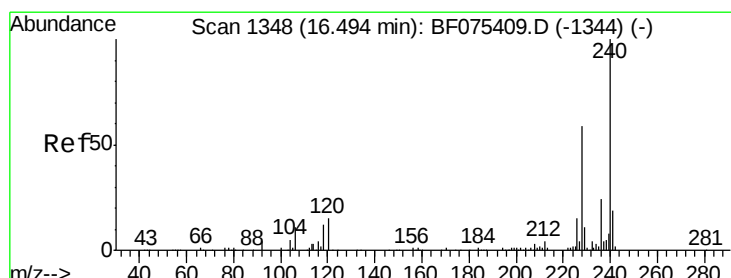
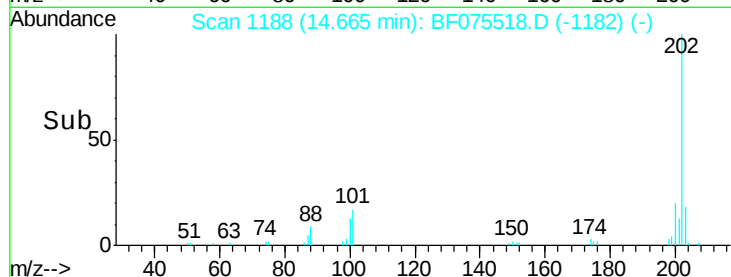
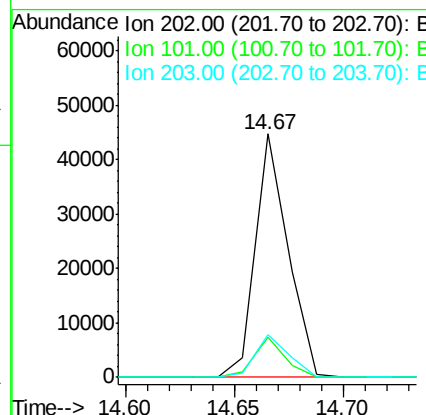
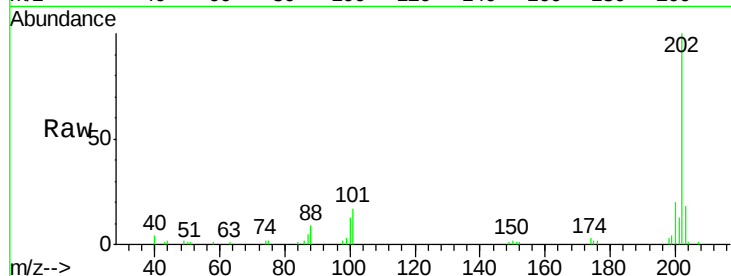
#74
 Fluoranthene
 Concen: 4.59 ng
 RT: 14.67 min Scan# 1188
 Delta R.T. -0.03 min
 Lab File: BF075518.D
 Acq: 15 Nov 2014 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB80231BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.7	0.0	36.6
203	17.7	0.0	38.2

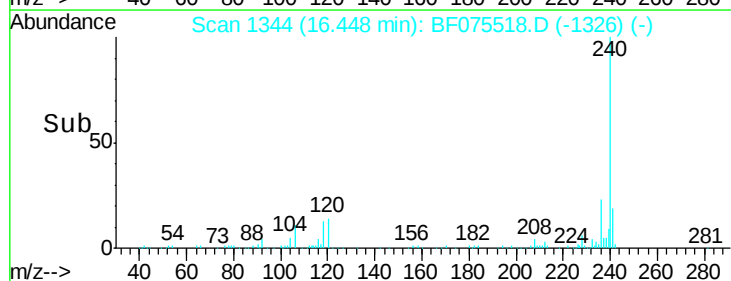
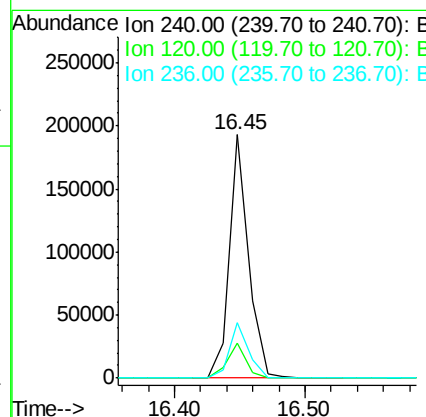
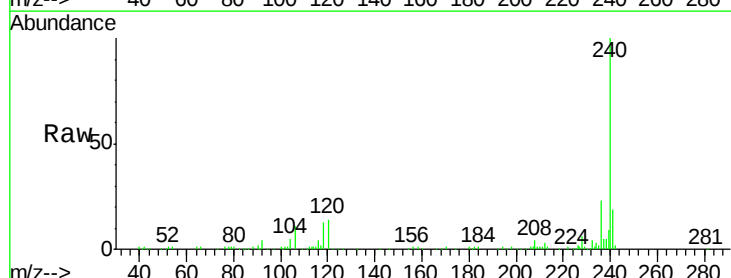
Manual Integrations
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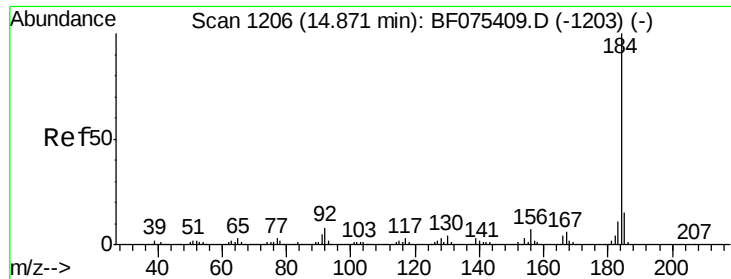
mohammad
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. -0.09 min
 Lab File: BF075518.D
 Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.5	9.6	14.4#
236	23.0	18.9	28.3





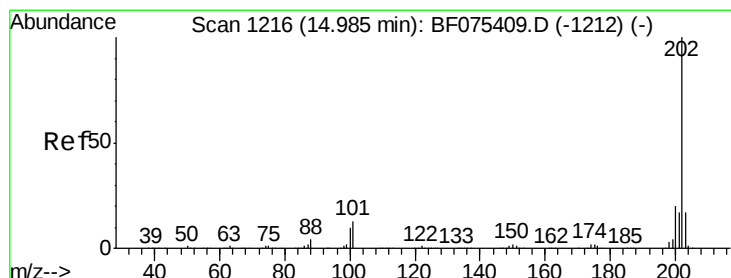
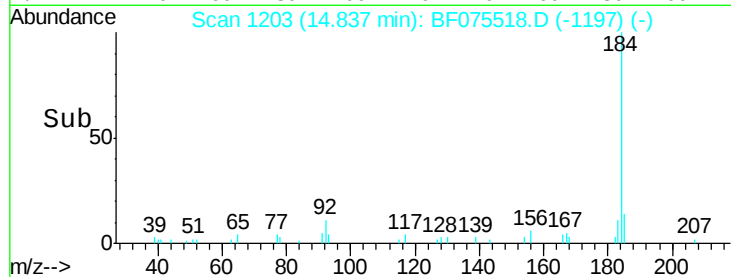
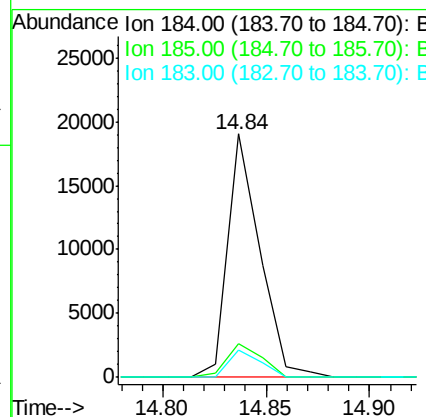
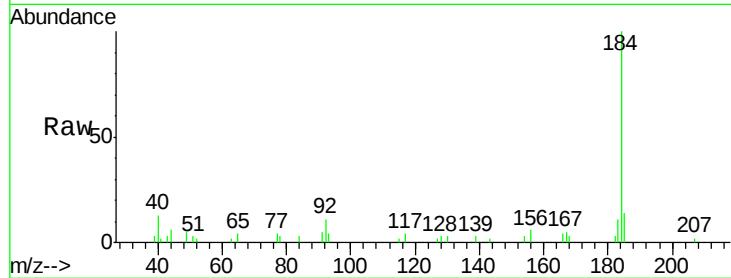
#76
Benzidine
Concen: 3.31 ng m
RT: 14.84 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	10.9	16.3
183	11.2	8.7	13.1

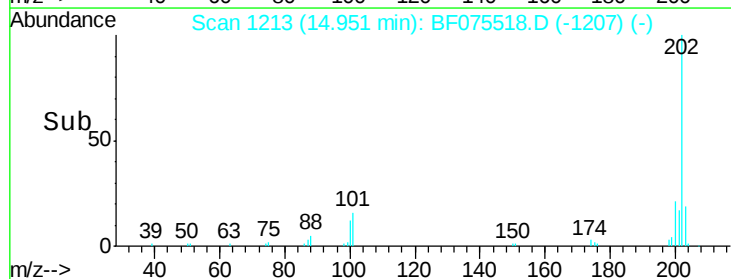
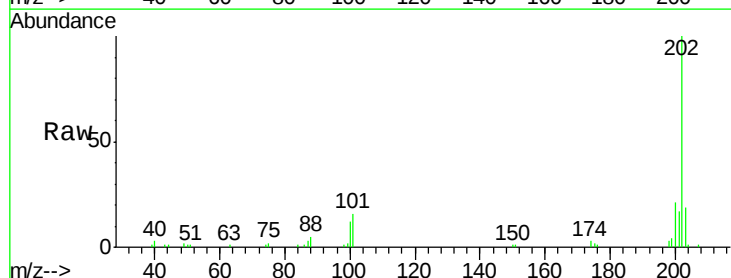
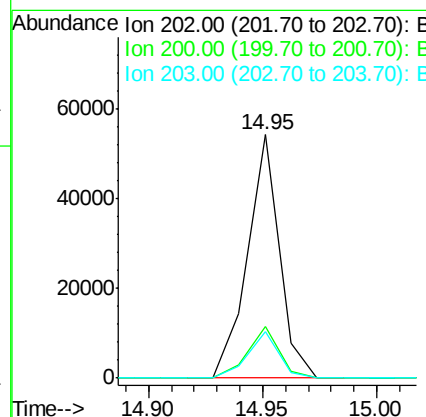
Manual Integrations
APPROVED

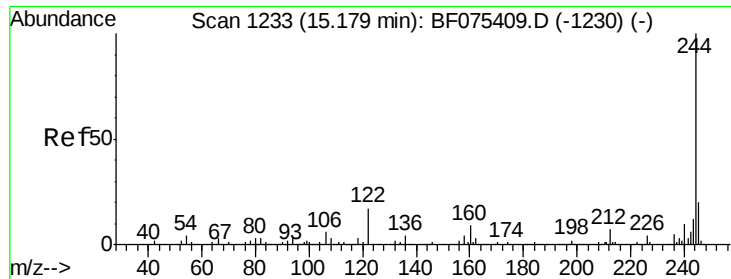
mohammad
11/17/2014 7:35:15 PM



#77
Pyrene
Concen: 4.59 ng m
RT: 14.95 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	19.2	14.3	21.5





#78

Terphenyl-d14

Concen: 9.11 ng/mL

RT: 15.15 min Scan# 1230

Delta R.T. -0.05 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Instrument :

BNA_F

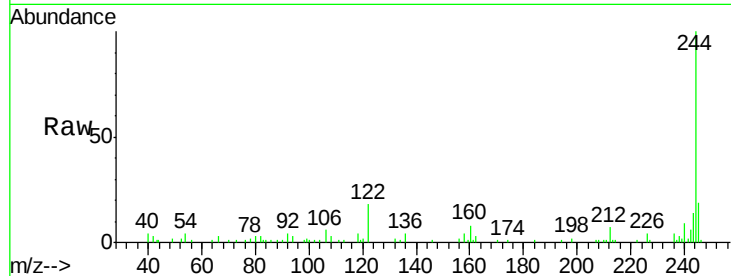
ClientSampleId :

PB80231BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	17.8	9.7	14.5

Manual Integrations
APPROVED

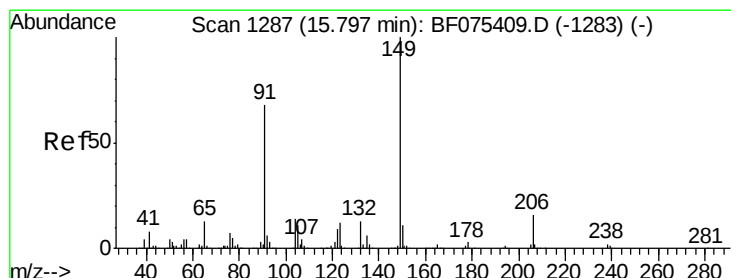
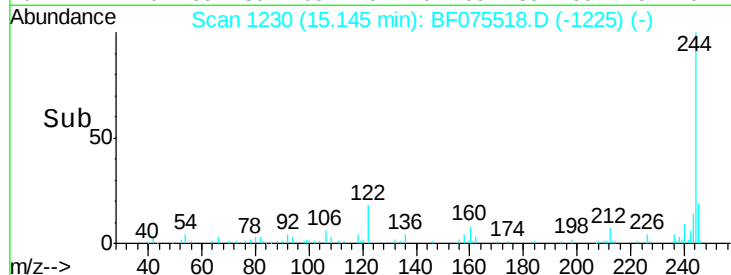
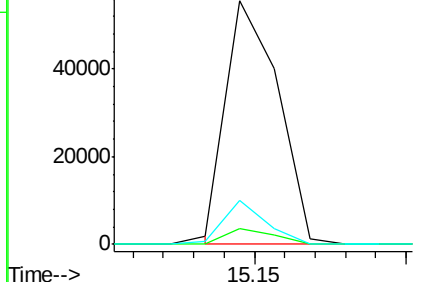
mohammad
11/17/2014 7:35:15 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 3.26 ng/mL

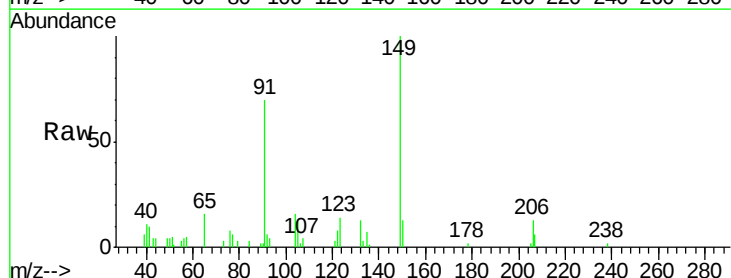
RT: 15.76 min Scan# 1284

Delta R.T. -0.06 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

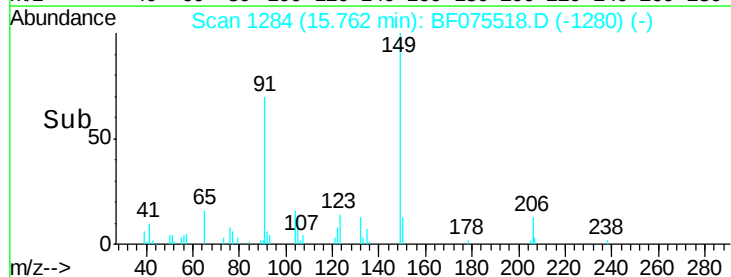
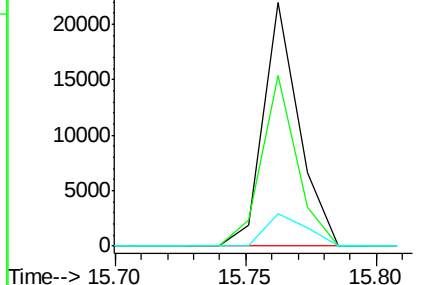
Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.2	49.0	73.4
206	13.3	15.5	23.3

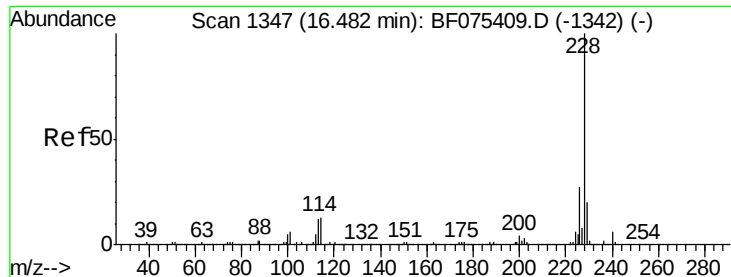


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





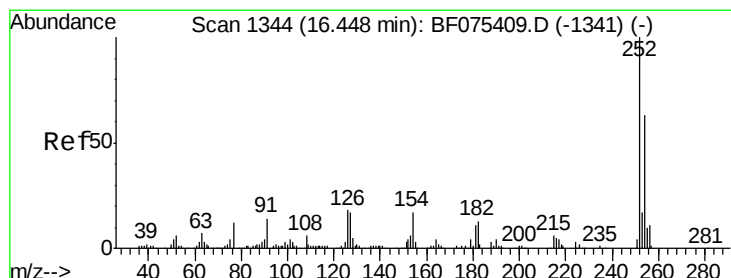
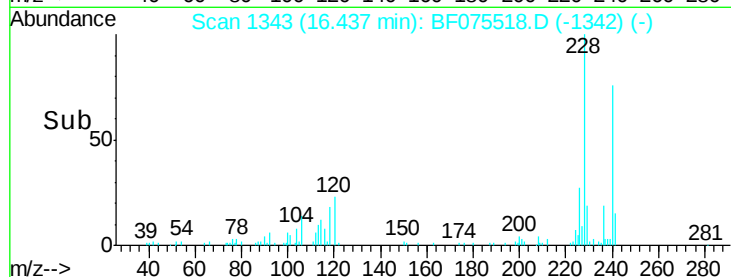
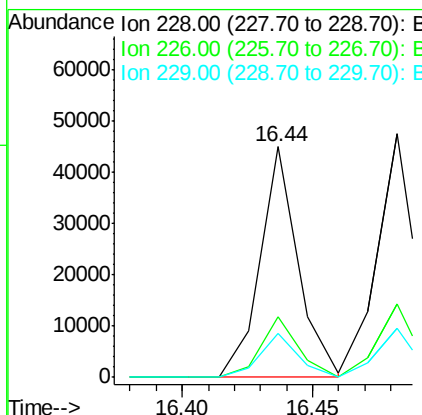
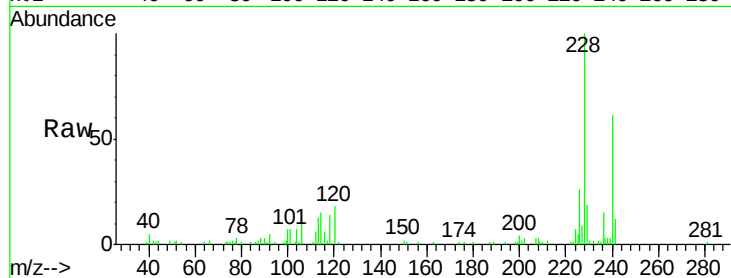
#80
Benzo(a)anthracene
Concen: 4.44 ng
RT: 16.44 min Scan# 1343
Delta R.T. -0.09 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.8	32.8
229	19.2	15.3	22.9

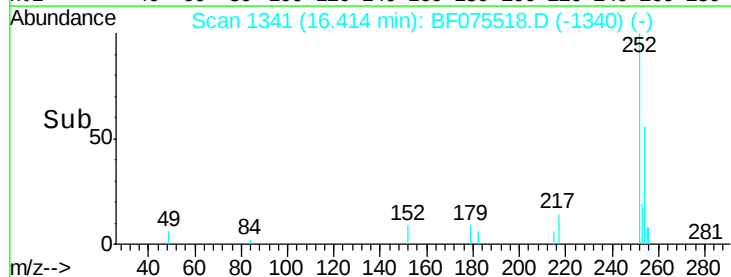
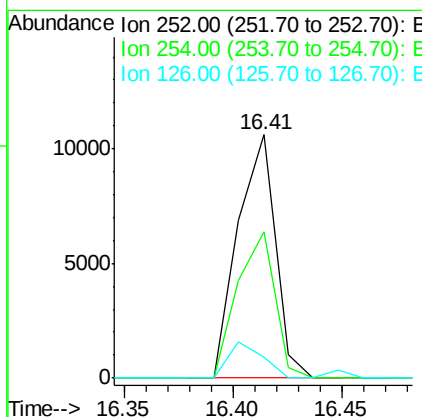
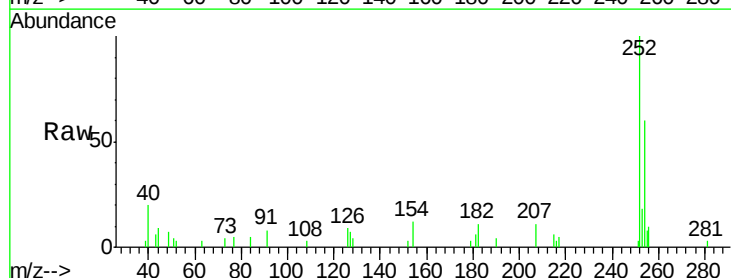
Manual Integrations
APPROVED

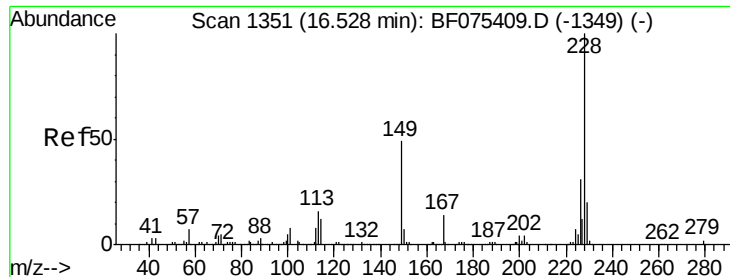
mohammad
11/17/2014 7:35:15 PM



#81
3,3'-Dichlorobenzidine
Concen: 3.34 ng
RT: 16.41 min Scan# 1341
Delta R.T. -0.09 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.9	50.0	75.0
126	8.5	16.0	24.0





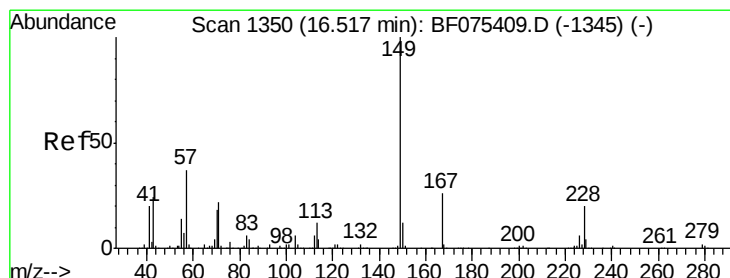
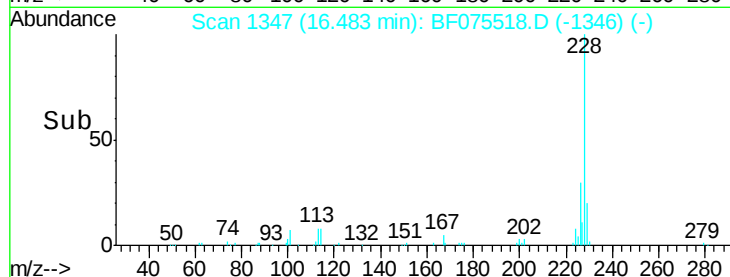
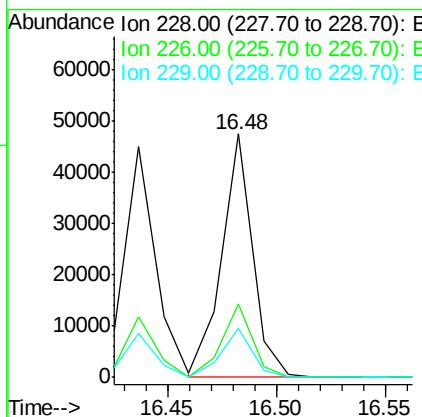
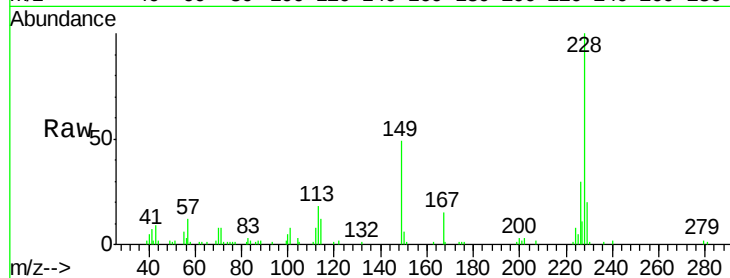
#82
Chrysene
Concen: 5.22 ng
RT: 16.48 min Scan# 1347
Delta R.T. -0.09 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	46528		
226	30.2		23.8	35.6
229	20.4		15.8	23.6

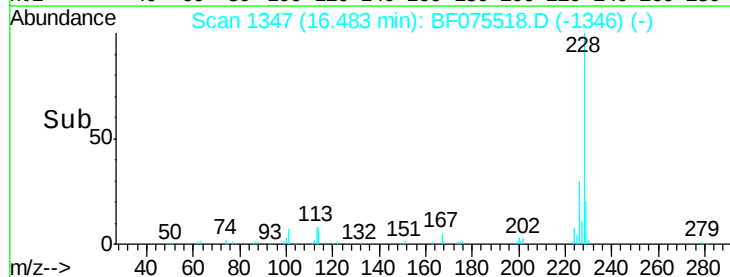
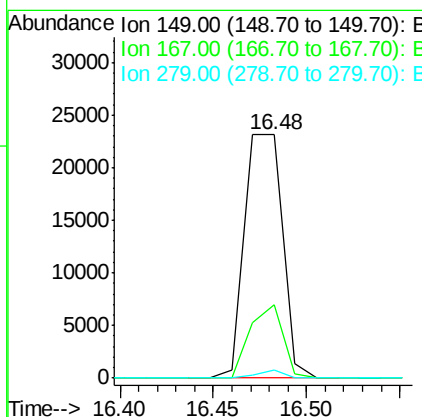
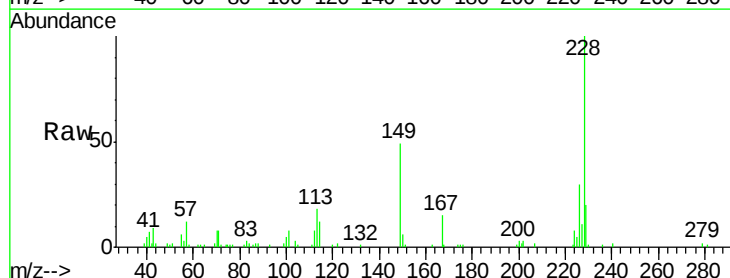
Manual Integrations
APPROVED

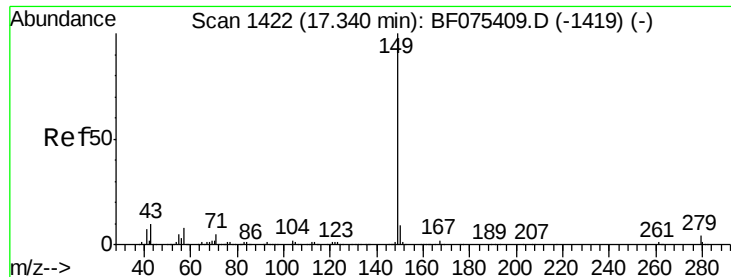
mohammad
11/17/2014 7:35:15 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 3.29 ng
RT: 16.48 min Scan# 1347
Delta R.T. -0.09 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	33211		
167	30.1		21.4	32.2
279	3.6		2.8	4.2





#84

Di-n-octyl phthalate

Concen: 3.09 ng m

RT: 17.26 min Scan# 1415

Delta R.T. -0.18 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Instrument :

BNA_F

ClientSampleId :

PB80231BS

Tot Ion:149 Resp: 54828

Ion Ratio Lower Upper

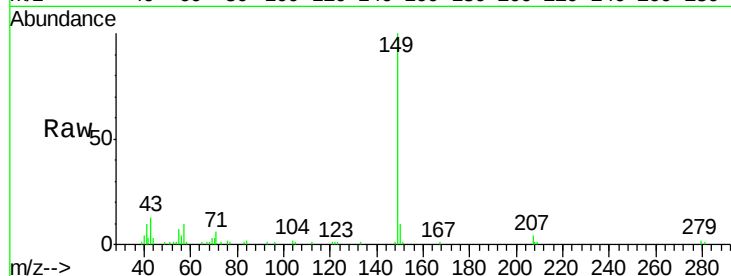
149 100

167 0.0 1.1 1.7#

43 0.0 11.0 16.4#

Manual Integrations
APPROVED

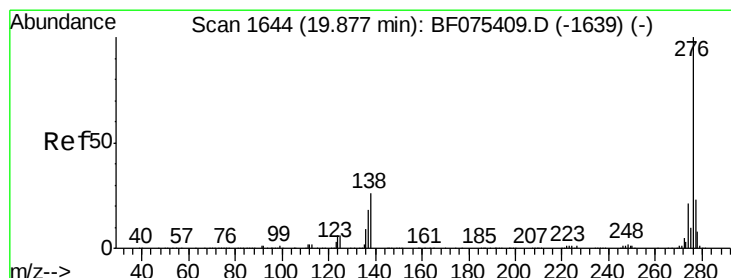
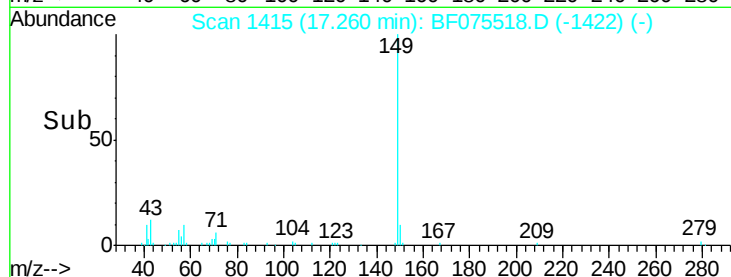
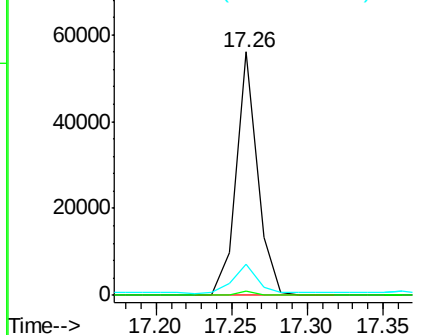
mohammad
11/17/2014 7:35:15 PM



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: 4.69 ng m

RT: 19.73 min Scan# 1631

Delta R.T. -0.31 min

Lab File: BF075518.D

Acq: 15 Nov 2014 2:41

Tgt Ion:276 Resp: 50694

Ion Ratio Lower Upper

276 100

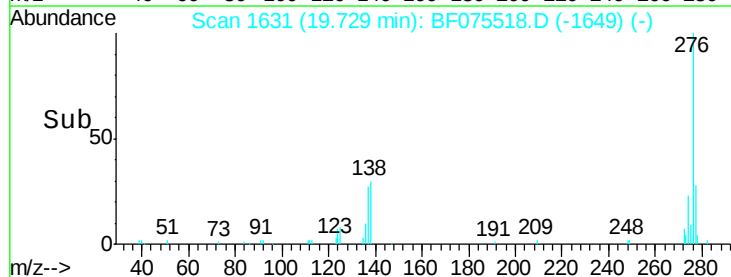
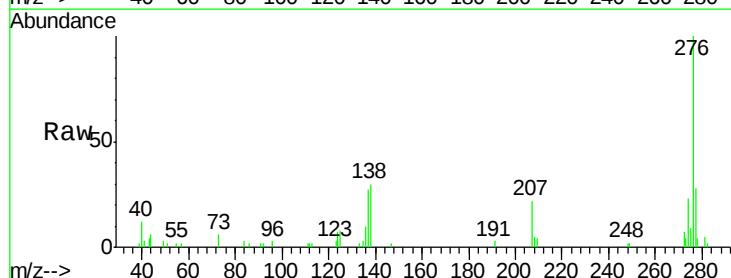
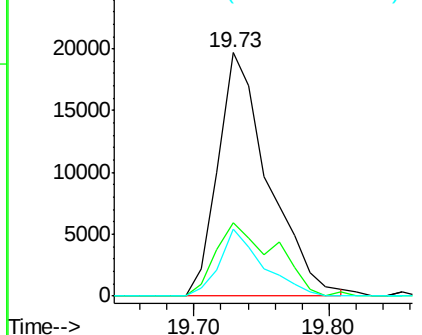
138 0.0 0.0 0.0

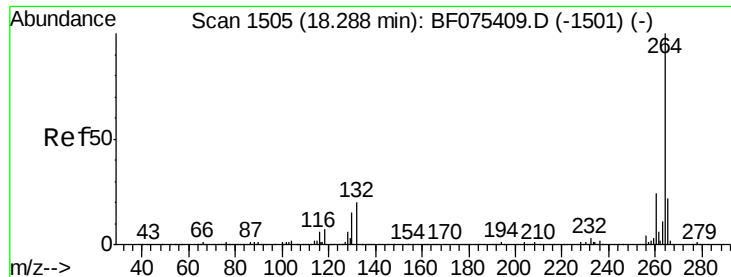
277 0.0 0.0 0.0

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





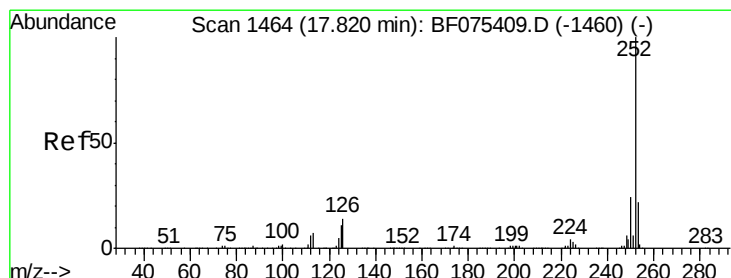
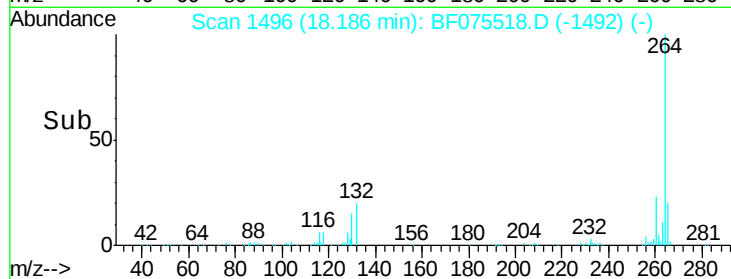
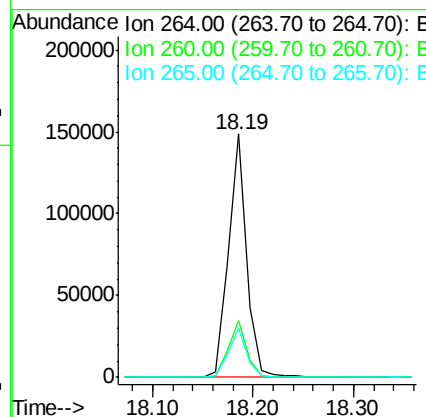
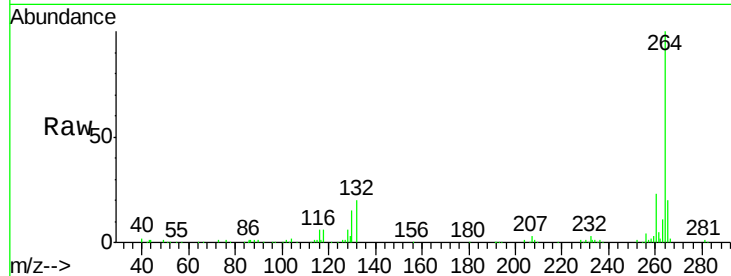
#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.19 min Scan# 1496
Delta R.T. -0.25 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	20.1	16.3	24.5

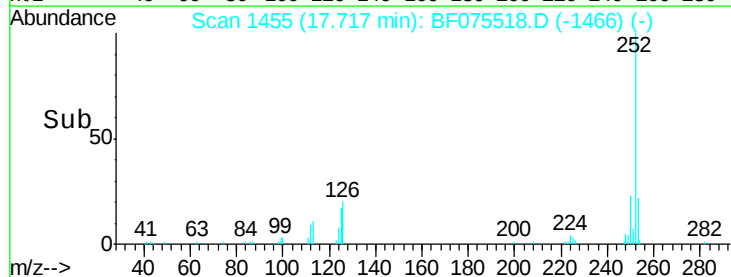
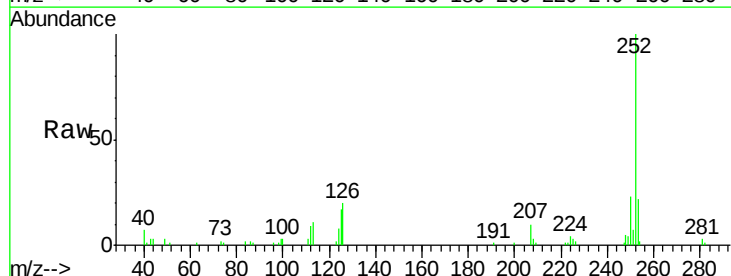
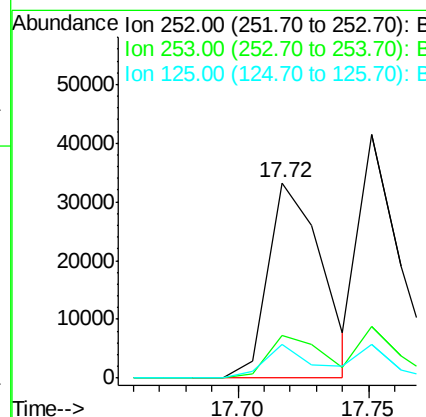
Manual Integrations
APPROVED

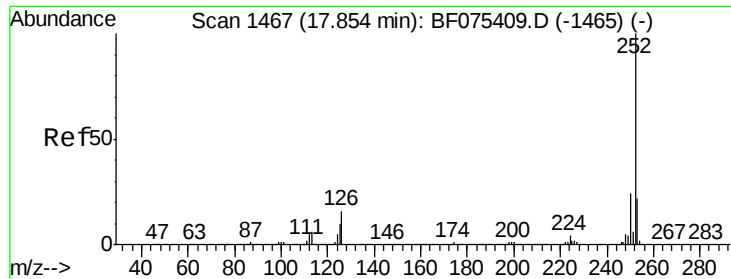
mohammad
11/17/2014 7:35:15 PM



#87
Benzo(b)fluoranthene
Concen: 4.80 ng
RT: 17.72 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	17.0	11.8	17.6





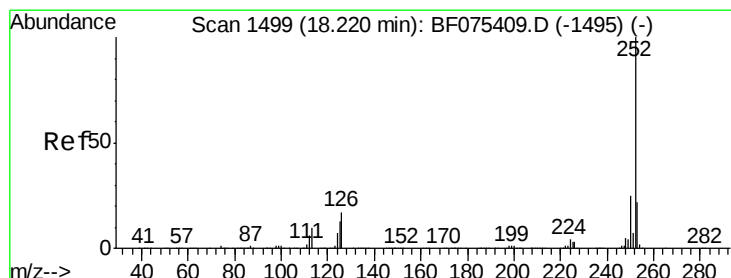
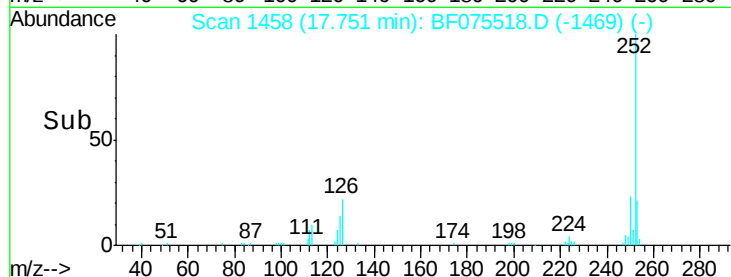
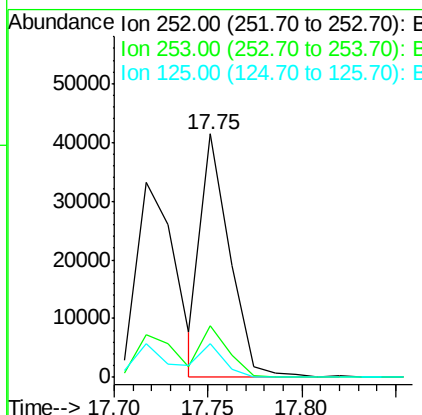
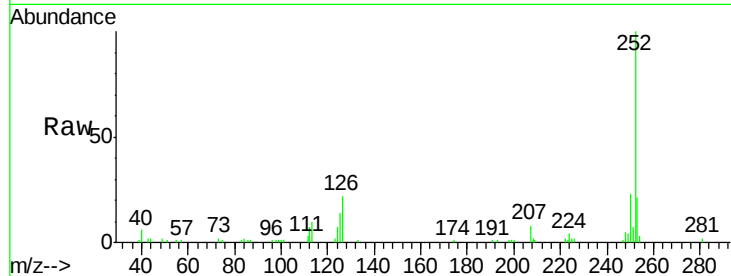
#88
Benzo(k)fluoranthene
Concen: 4.89 ng m
RT: 17.75 min Scan# 1458
Delta R.T. -0.23 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	13.8	11.6	17.4

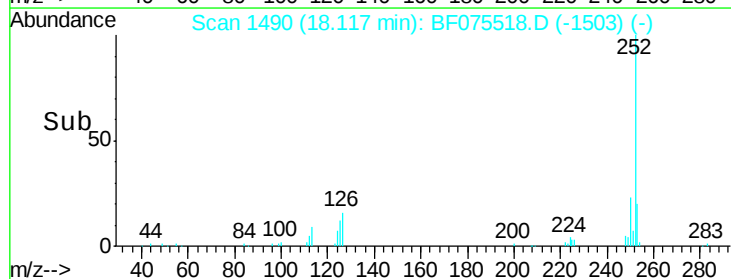
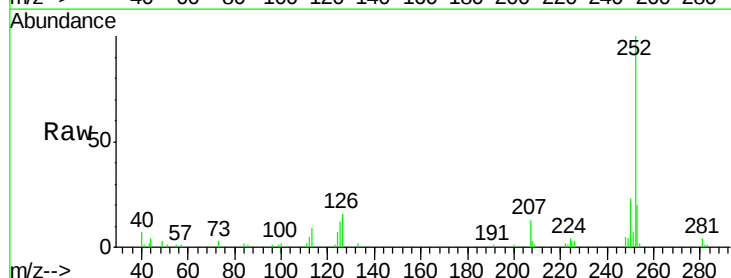
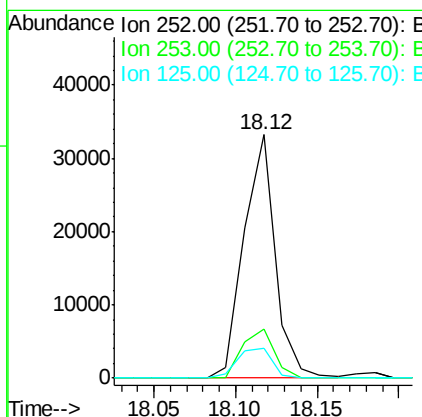
Manual Integrations
APPROVED

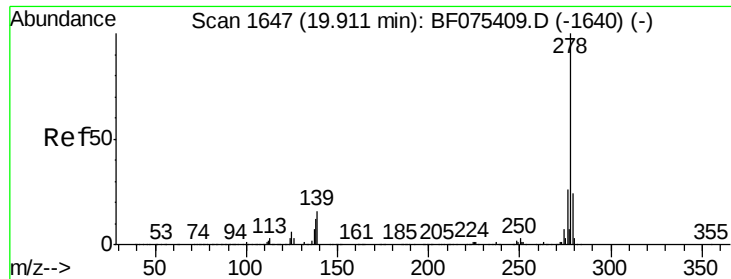
mohammad
11/17/2014 7:35:15 PM



#89
Benzo(a)pyrene
Concen: 4.94 ng
RT: 18.12 min Scan# 1490
Delta R.T. -0.25 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.1	25.7
125	12.4	12.2	18.4





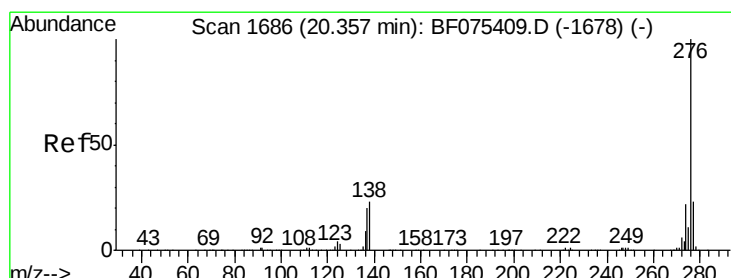
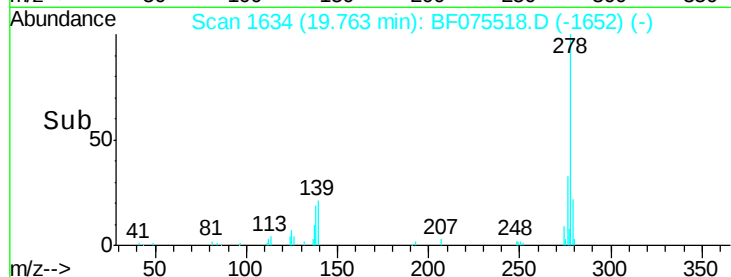
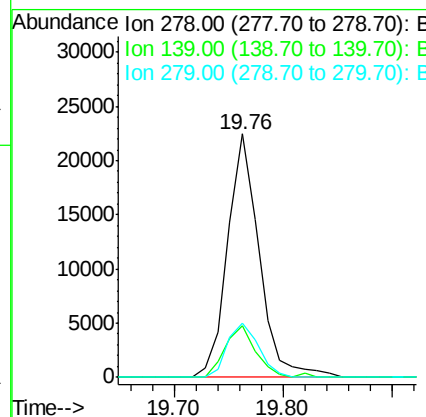
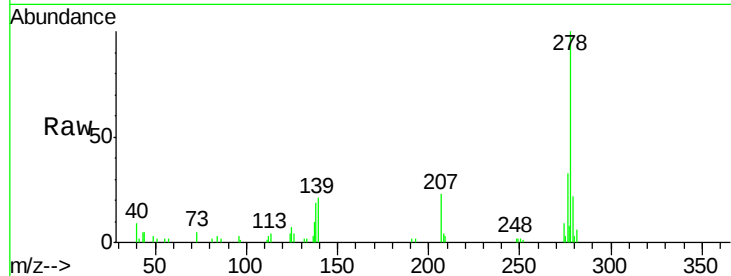
#90
Dibenzo(a,h)anthracene
Concen: 4.85 ng
RT: 19.76 min Scan# 1634
Delta R.T. -0.31 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Instrument :
BNA_F
ClientSampleId :
PB80231BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.1	13.6	20.4#
279	22.4	19.4	29.0

Manual Integrations
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mohammad
11/17/2014 7:35:15 PM



#91
Benzo(g,h,i)perylene
Concen: 5.10 ng
RT: 20.20 min Scan# 1672
Delta R.T. -0.31 min
Lab File: BF075518.D
Acq: 15 Nov 2014 2:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.8	26.8
138	29.2	22.8	34.2

