

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075526.D
 Acq On : 15 Nov 2014 7:50
 Operator : TP / JJ
 Sample : PB80332BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80332BS

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:36:10 PM

Quant Time: Nov 16 02:52:51 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	44388	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	190113	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	96954	20.00	ng	0.00
63) Phenanthrene-d10	13.16	188	166101	20.00	ng	0.00
75) Chrysene-d12	16.45	240	179158	20.00	ng	-0.01
86) Perylene-d12	18.17	264	184588	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	388478	154.61	ng	0.01
7) Phenol-d6	7.09	99	476246	157.62	ng	0.00
23) Nitrobenzene-d5	8.24	82	270000	104.12	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	113092	139.27	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	520485	97.01	ng	0.00
78) Terphenyl-d14	15.16	244	574736	86.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	42633	40.42	ng	96
3) Pyridine	3.27	79	104562m	36.89	ng	
4) n-Nitrosodimethylamine	3.18	42	62253m	41.49	ng	
6) Aniline	7.13	93	115311	26.42	ng	99
8) 2-Chlorophenol	7.28	128	132284	45.49	ng	98
9) Benzaldehyde	7.00	77	5572	2.74	ng	93
10) Phenol	7.11	94	180518	48.97	ng	84
11) bis(2-Chloroethyl)ether	7.24	93	130270	46.66	ng	# 80
12) 1,3-Dichlorobenzene	7.48	146	139724	44.09	ng	96
13) 1,4-Dichlorobenzene	7.57	146	136721	42.41	ng	98
14) 1,2-Dichlorobenzene	7.75	146	132044	43.68	ng	98
15) Benzyl Alcohol	7.73	79	103432	43.61	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.90	45	264441	45.76	ng	98
17) 2-Methylphenol	7.86	107	109685	45.56	ng	98
18) Hexachloroethane	8.17	117	48689	44.04	ng	95
19) n-Nitroso-di-n-propylamine	8.06	70	94323	45.81	ng	95
20) 3+4-Methylphenols	8.05	107	142455	45.19	ng	# 86
22) Acetophenone	8.05	105	191132	46.60	ng	# 78
24) Nitrobenzene	8.26	77	147540	49.10	ng	98
25) Isophorone	8.56	82	268828	45.41	ng	99
26) 2-Nitrophenol	8.65	139	62335	45.52	ng	94
27) 2,4-Dimethylphenol	8.71	122	119503	45.03	ng	98
28) bis(2-Chloroethoxy)methane	8.84	93	173111	47.98	ng	99
29) 2,4-Dichlorophenol	8.95	162	105458	45.36	ng	98
30) 1,2,4-Trichlorobenzene	9.06	180	104110	42.64	ng	97
31) Naphthalene	9.16	128	406397	47.95	ng	100
32) Benzoic acid	8.79	122	79160	49.37	ng	90
33) 4-Chloroaniline	9.22	127	99464	27.01	ng	97
34) Hexachlorobutadiene	9.30	225	53528	40.57	ng	98
35) Caprolactam	9.64	113	34992	45.41	ng	95
36) 4-Chloro-3-methylphenol	9.82	107	113471	44.48	ng	95
37) 2-Methylnaphthalene	10.01	142	262570	45.41	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	96211	48.27	ng	98
40) Hexachlorocyclopentadiene	10.21	237	121242	100.15	ng	100

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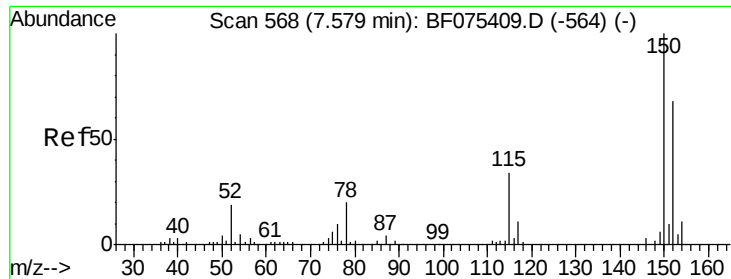
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	68942	43.50	nq	99
43) 2,4,5-Trichlorophenol	10.40	196	73796	44.71	nq	# 82
45) 1,1'-Biphenyl	10.60	154	310822	47.53	nq	100
46) 2-Chloronaphthalene	10.62	162	249450	48.78	nq	97
47) 2-Nitroaniline	10.74	65	83350	54.17	nq	# 87
48) Acenaphthylene	11.13	152	418686	49.66	nq	99
49) Dimethylphthalate	10.98	163	289225	43.64	nq	99
50) 2,6-Dinitrotoluene	11.05	165	63550	48.68	nq	# 79
51) Acenaphthene	11.35	154	271440	53.34	nq	98
52) 3-Nitroaniline	11.26	138	59277	38.51	nq	# 82
53) 2,4-Dinitrophenol	11.38	184	59258	80.70	nq	# 77
54) Dibenzofuran	11.57	168	348360	47.90	nq	94
55) 4-Nitrophenol	11.45	139	121304	98.58	nq	90
56) 2,4-Dinitrotoluene	11.54	165	85177	49.66	nq	# 67
57) Fluorene	11.99	166	282342	48.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	60921	46.50	nq	# 94
59) Diethylphthalate	11.85	149	276730	40.23	nq	98
60) 4-Chlorophenyl-phenylether	12.00	204	118443	46.83	nq	# 85
61) 4-Nitroaniline	12.01	138	77571	50.41	nq	83
62) Azobenzene	12.20	77	281762	46.57	nq	88
64) 4,6-Dinitro-2-methylphenol	12.05	198	38902	46.30	nq	# 73
65) n-Nitrosodiphenylamine	12.14	169	235748	44.87	nq	99
66) 4-Bromophenyl-phenylether	12.61	248	71068	45.48	nq	# 88
67) Hexachlorobenzene	12.67	284	81963	46.19	nq	# 83
68) Atrazine	12.81	200	75729	46.45	nq	96
69) Pentachlorophenol	12.92	266	96666	86.79	nq	98
70) Phenanthrene	13.19	178	430315	49.23	nq	100
71) Anthracene	13.25	178	439473	48.64	nq	99
72) Carbazole	13.45	167	426724	48.27	nq	99
73) Di-n-butylphthalate	13.90	149	475212	38.91	nq	100
74) Fluoranthene	14.67	202	451815	48.26	nq	98
76) Benzidine	14.84	184	233894	41.06	nq	98
77) Pyrene	14.95	202	477867	45.88	nq	99
79) Butylbenzylphthalate	15.76	149	219366	37.50	nq	# 85
80) Benzo(a)anthracene	16.44	228	444980	47.28	nq	99
81) 3,3'-Dichlorobenzidine	16.41	252	79556	22.89	nq	# 94
82) Chrysene	16.48	228	411658	50.57	nq	99
83) Bis(2-ethylhexyl)phthalate	16.47	149	308144	33.44	nq	# 95
84) Di-n-octyl phthalate	17.25	149	565346	34.86	nq	98
85) Indeno(1,2,3-cd)pyrene	19.73	276	500492	50.68	nq	# 100
87) Benzo(b)fluoranthene	17.72	252	460956	46.71	nq	# 95
88) Benzo(k)fluoranthene	17.74	252	447554m	50.53	nq	
89) Benzo(a)pyrene	18.11	252	446653	50.58	nq	98
90) Dibenzo(a,h)anthracene	19.75	278	460160	49.90	nq	# 93
91) Benzo(g,h,i)perylene	20.20	276	453521	51.62	nq	95

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

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[illegible]



#1

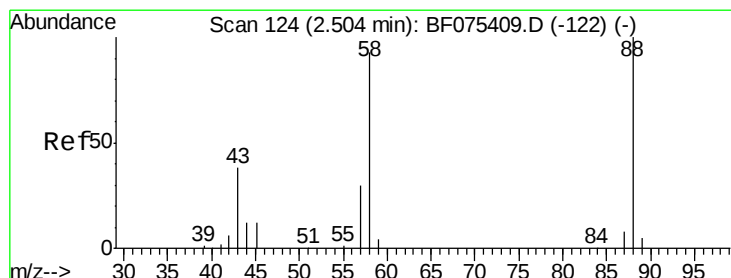
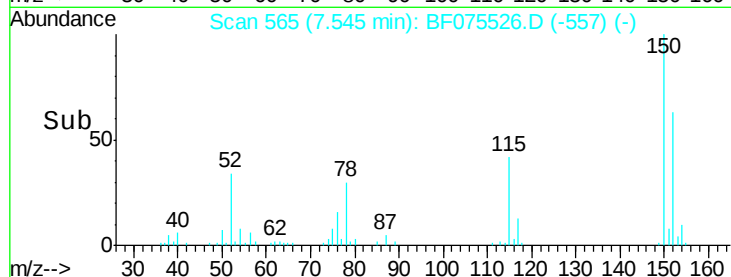
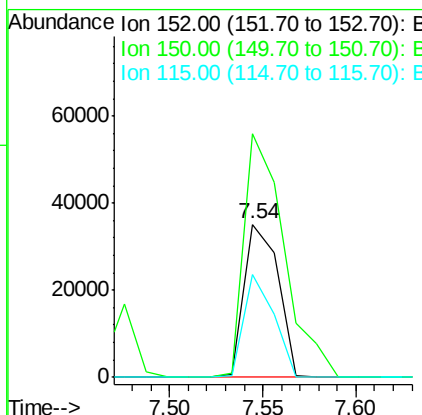
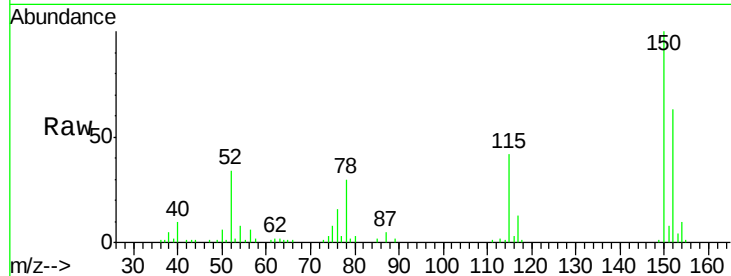
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.2	190.8
115	67.1	57.1	85.7

Manual Integrations
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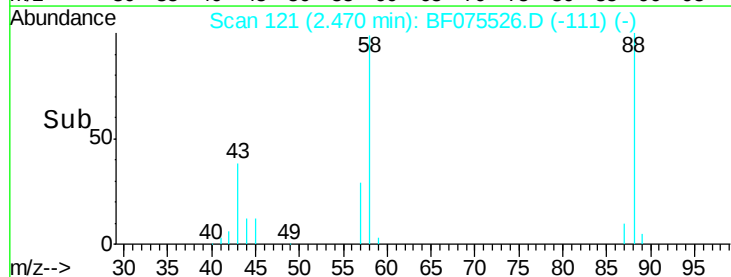
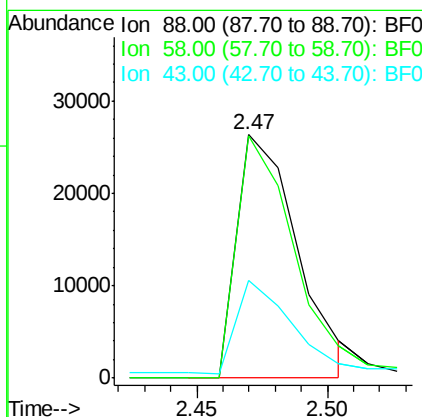
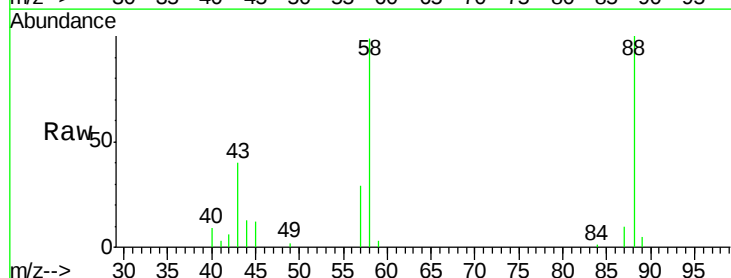
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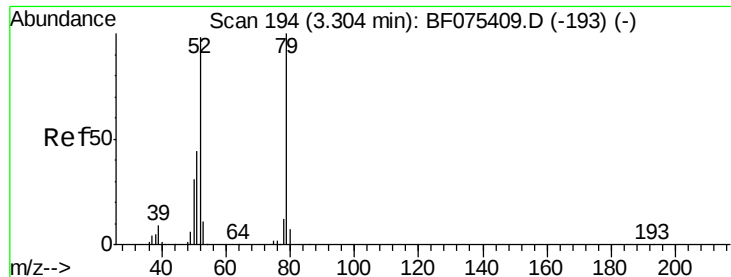


#2

1,4-Dioxane
Concen: 40.42 ng
RT: 2.47 min Scan# 121
Delta R.T. 0.01 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.1	73.5	110.3
43	35.4	31.9	47.9





#3

Pvridine

Concen: 36.89 ng/ml

RT: 3.27 min Scan# 191

Delta R.T. 0.02 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

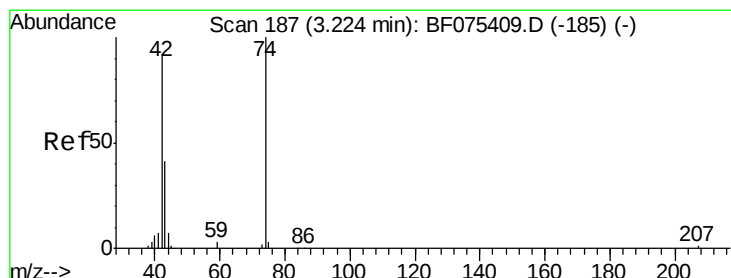
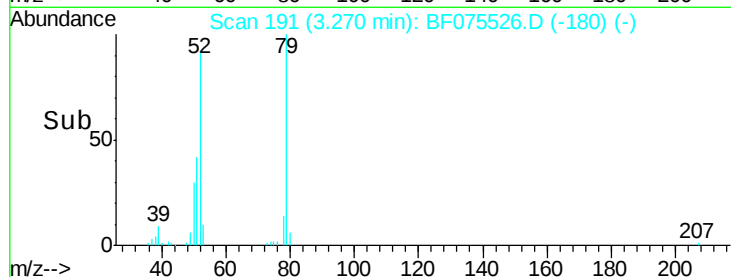
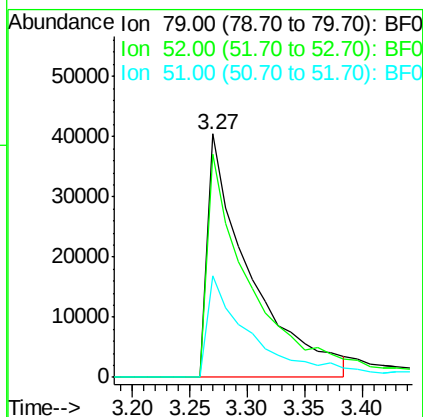
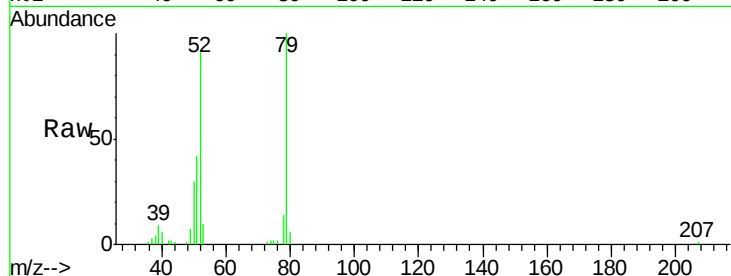
ClientSampleID :

PB80332BS

Tot Ion:	79	Resp:	104562
Ion Ratio	Lower	Upper	
79	100		
52	91.8	76.6	115.0
51	42.0	37.0	55.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.49 ng/ml

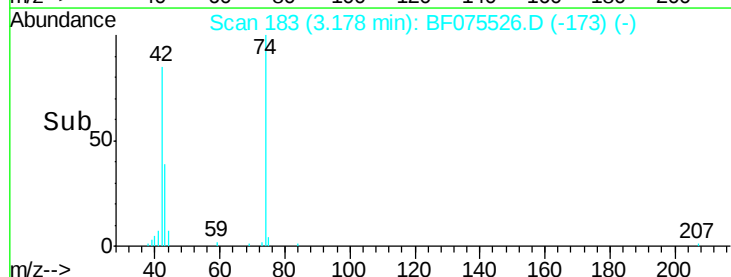
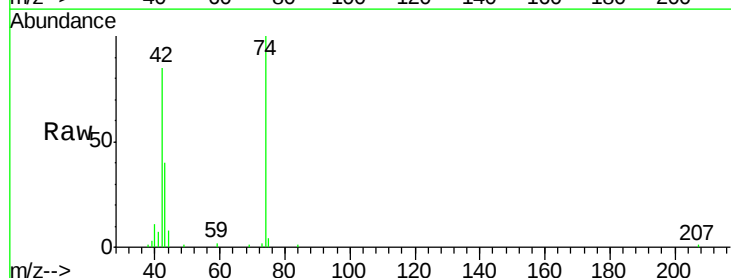
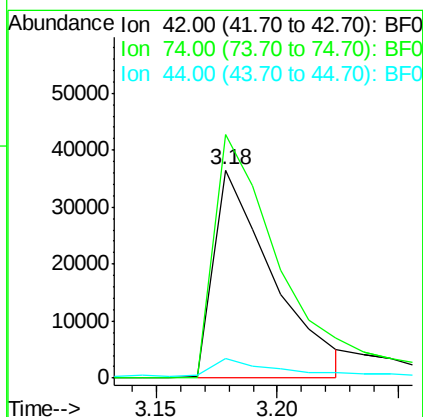
RT: 3.18 min Scan# 183

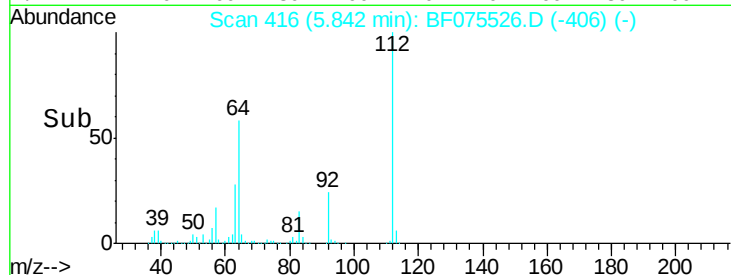
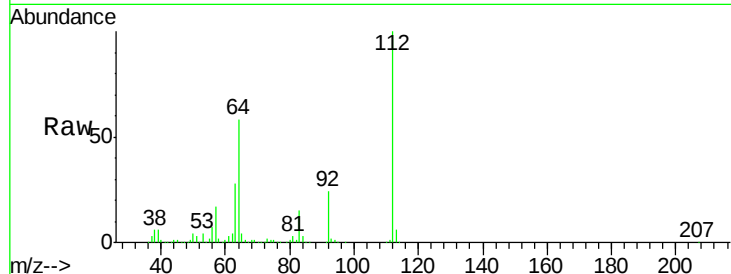
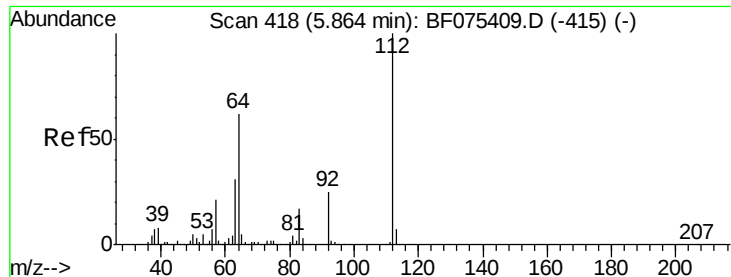
Delta R.T. 0.01 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Tgt Ion:	42	Resp:	62253
Ion Ratio	Lower	Upper	
42	100		
74	117.0	82.4	123.6
44	9.6	8.2	12.4





#5

2-Fluorophenol

Concen: 154.61 ng

RT: 5.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF075526.D

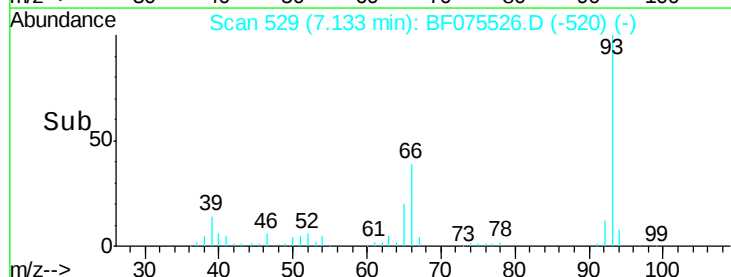
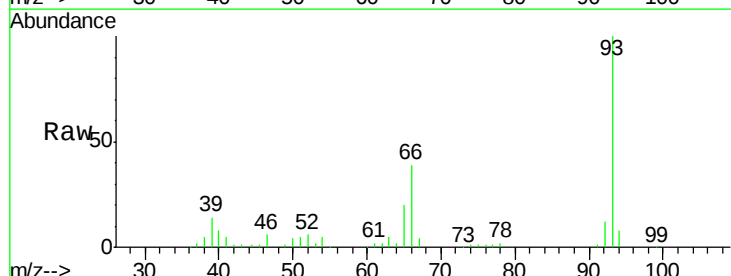
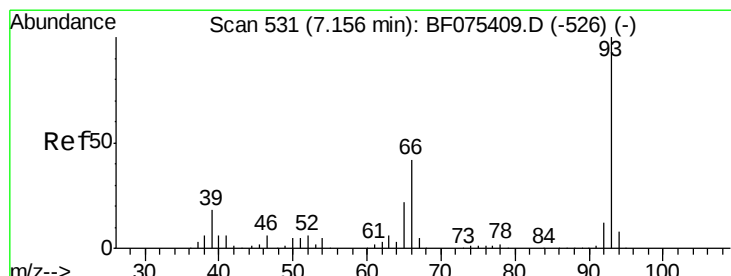
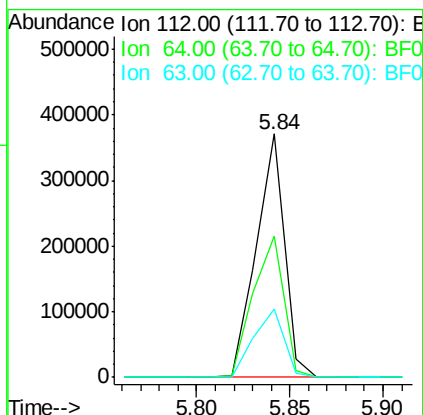
Acq: 15 Nov 2014 7:50

Tot Ion	Ratio	Resp	Lower	Upper
112	100	388478		
64	58.2	45.8	68.6	
63	27.9	22.7	34.1	

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#6

Aniline

Concen: 26.42 ng

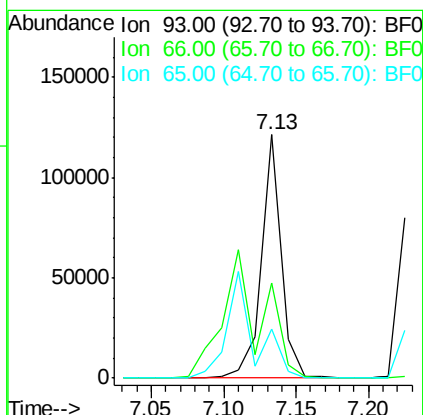
RT: 7.13 min Scan# 529

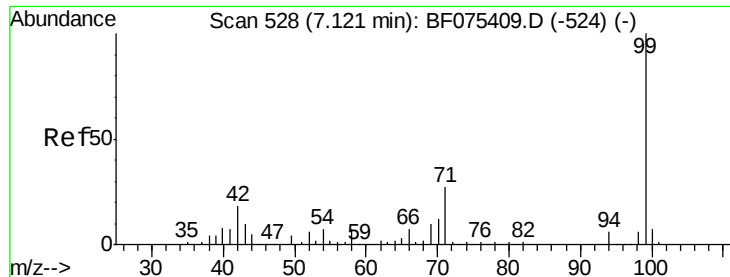
Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	115311		
66	39.3	31.8	47.8	
65	20.0	16.6	25.0	





#7

Phenol-d6

Concen: 157.62 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

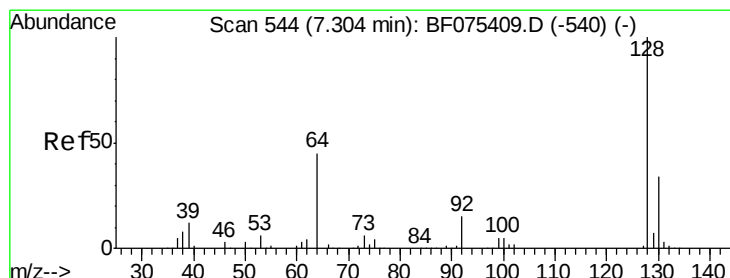
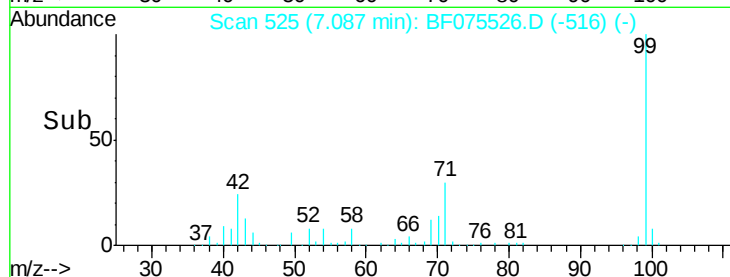
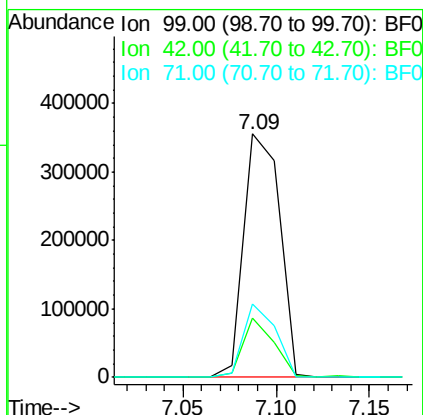
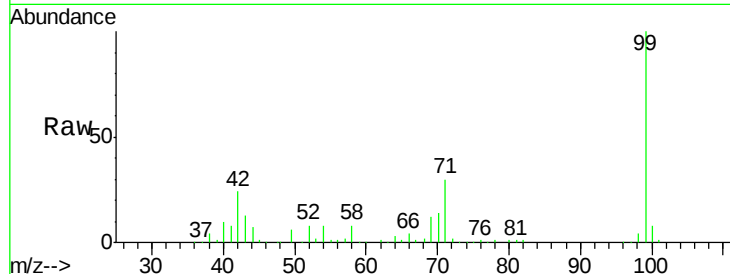
ClientSampleId :

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Tot Ion:	99	Resp:	476246
Ion Ratio	Lower	Upper	
99	100		
42	24.3	19.8	29.6
71	30.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 45.49 ng

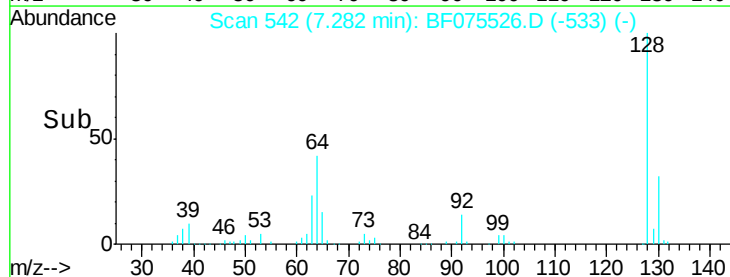
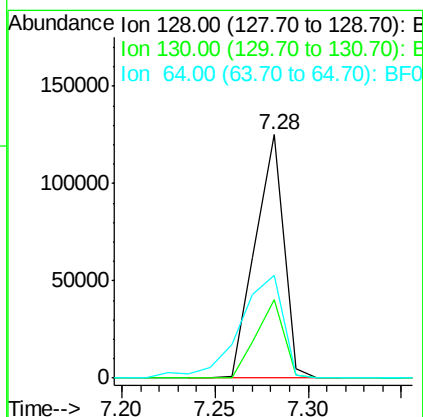
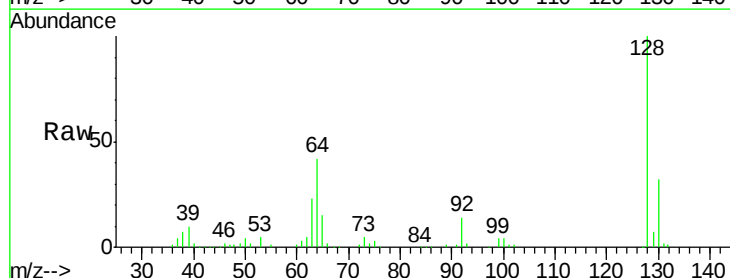
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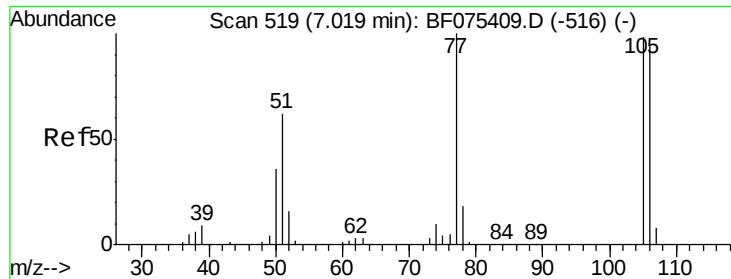
Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Tgt Ion:	128	Resp:	132284
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.7	52.7
64	42.3	20.3	60.3





#9

Benzaldehyde

Concen: 2.74 ng

RT: 7.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

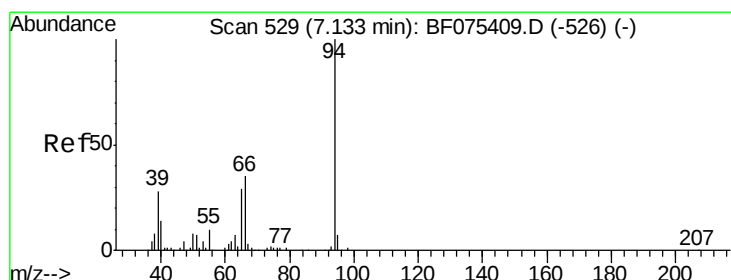
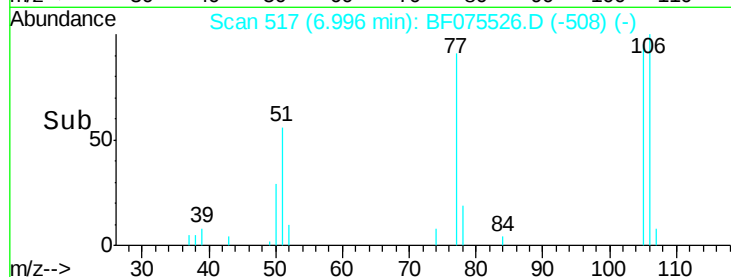
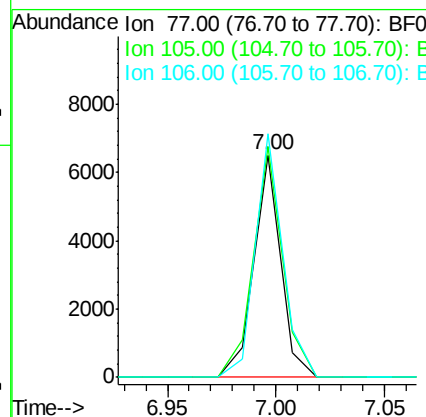
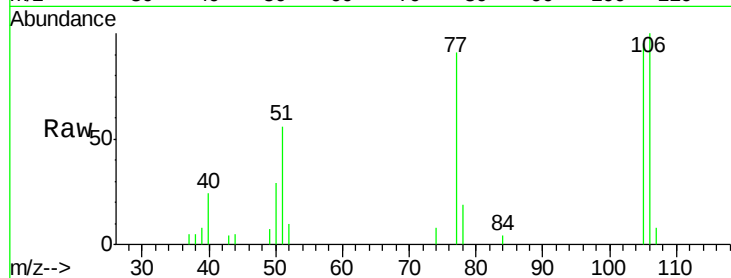
ClientSampleID :

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Tot Ion:	77	Resp:	5572
Ion	Ratio	Lower	Upper
77	100		
105	104.1	81.6	121.6
106	109.6	77.5	117.5

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#10

Phenol

Concen: 48.97 ng

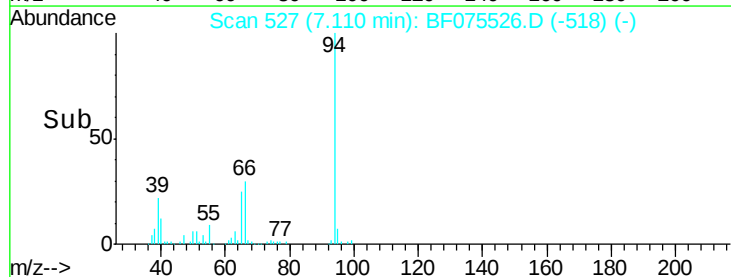
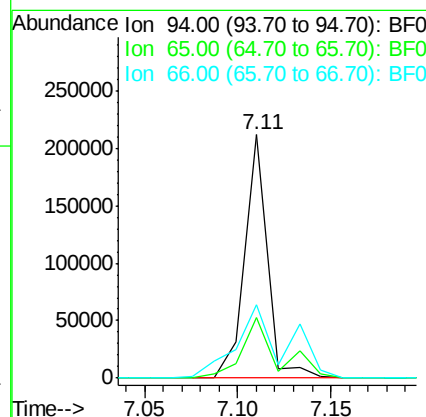
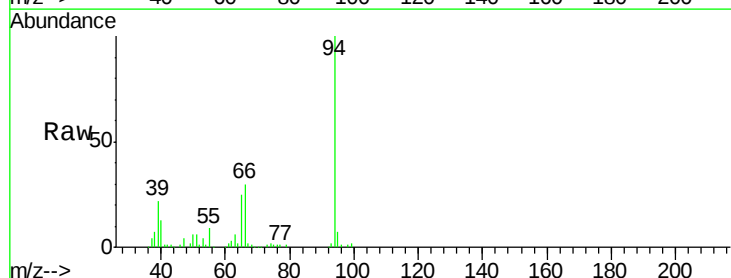
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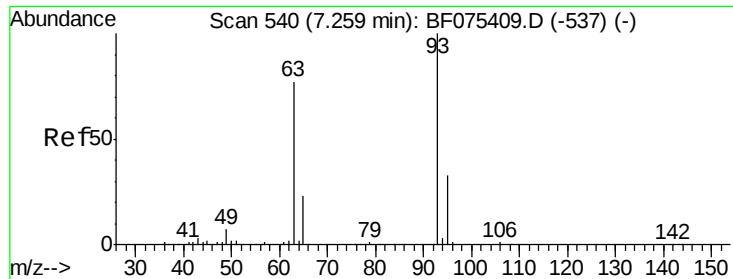
Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Tgt Ion:	94	Resp:	180518
Ion	Ratio	Lower	Upper
94	100		
65	25.0	13.1	53.1
66	30.3	20.8	60.8





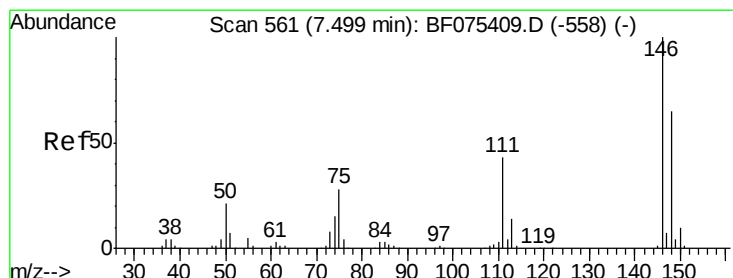
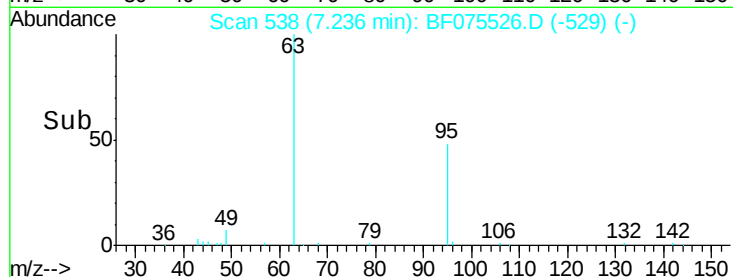
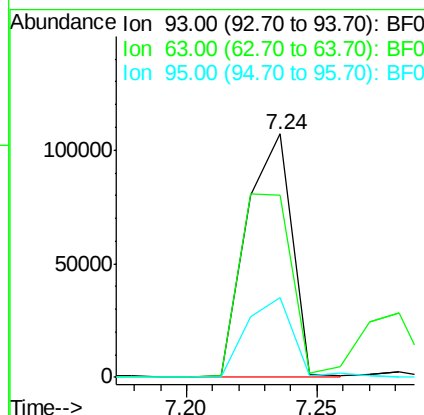
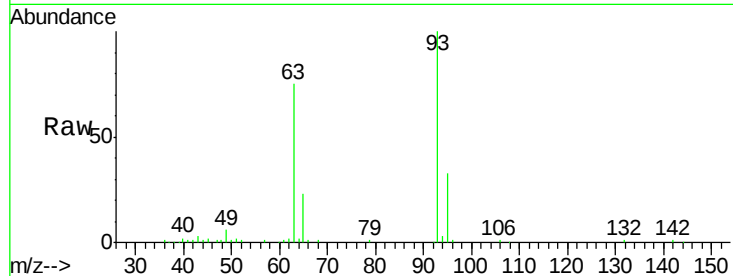
#11
bis(2-Chloroethyl)ether
Concen: 46.66 ng
RT: 7.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	79.8	119.8#
95	32.7	11.2	51.2

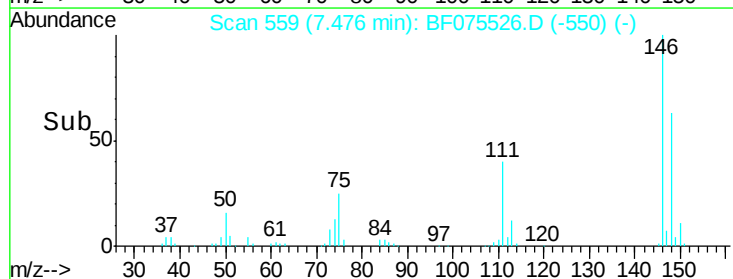
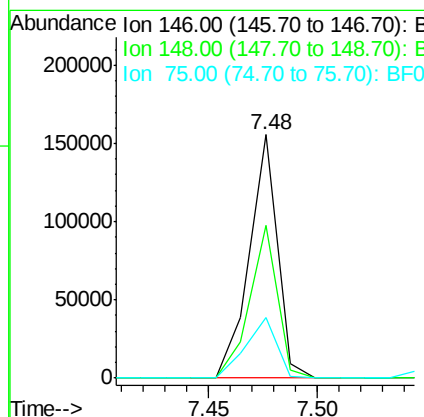
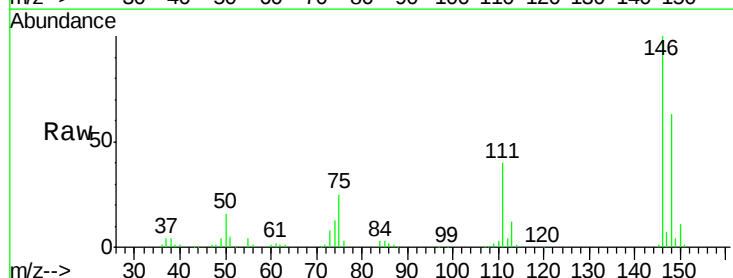
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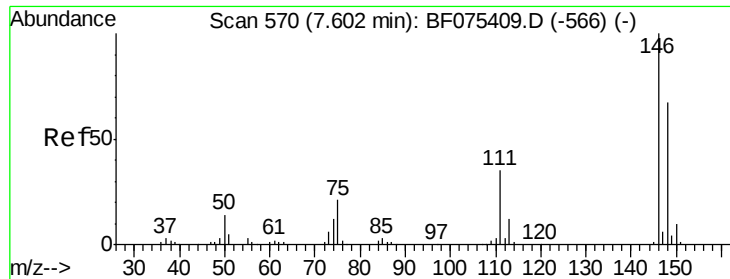
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.09 ng
RT: 7.48 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.1	79.7
75	24.9	21.5	32.3





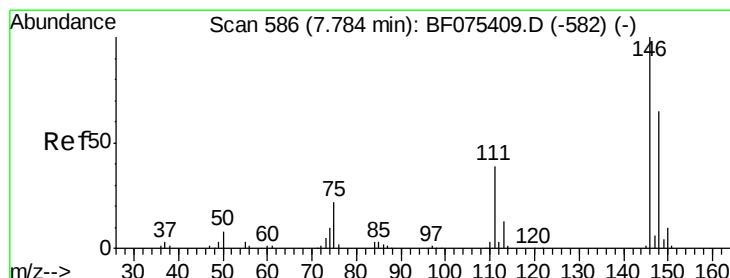
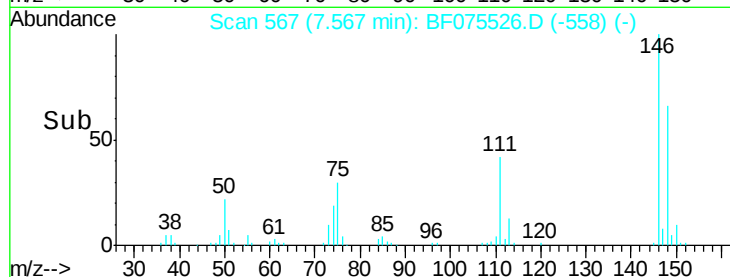
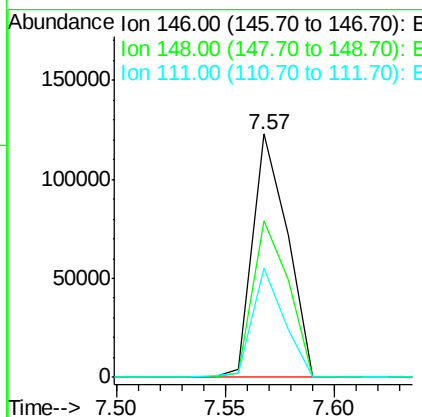
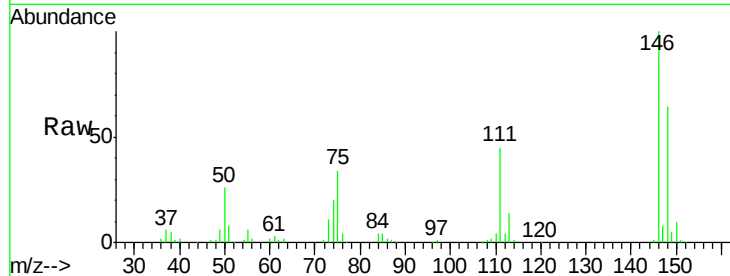
#13
 1,4-Dichlorobenzene
 Concen: 42.41 ng
 RT: 7.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Instrument :
 BNA_F
 ClientSampleId :
 PB80332BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.9	74.9
111	44.9	35.8	53.6

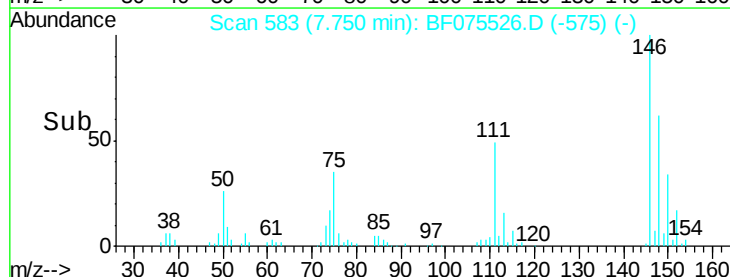
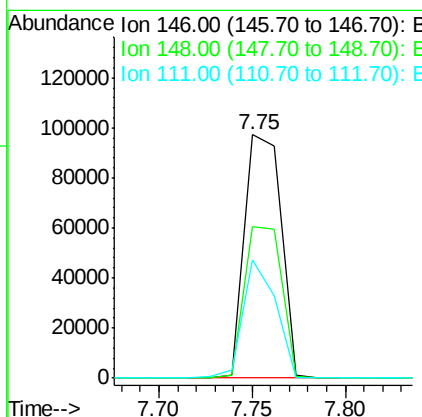
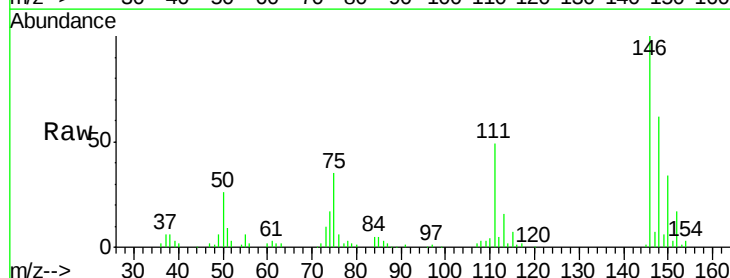
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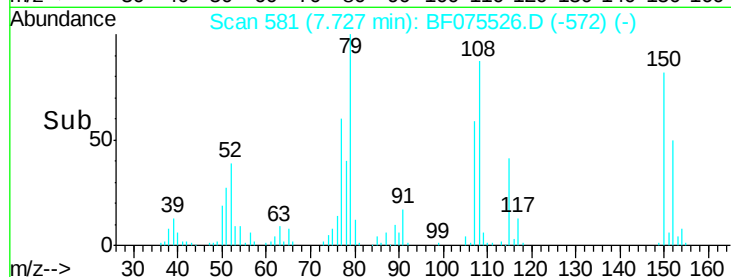
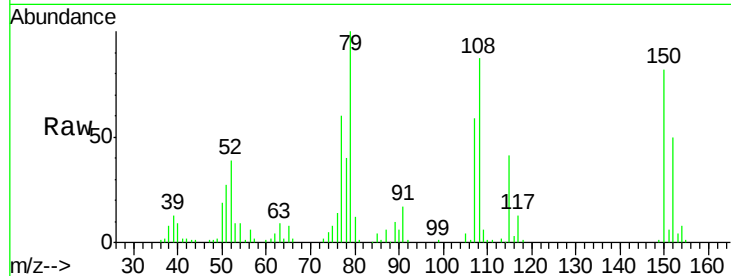
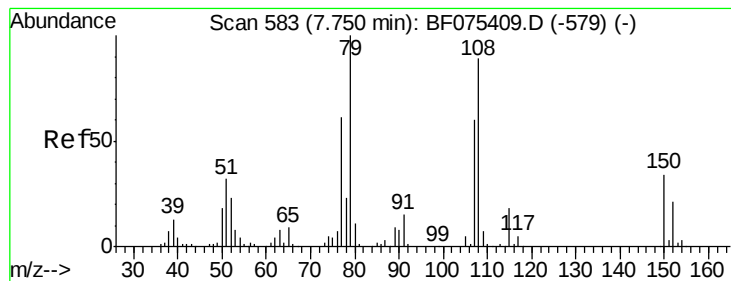
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#14
 1,2-Dichlorobenzene
 Concen: 43.68 ng
 RT: 7.75 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.7	76.1
111	48.7	39.9	59.9





#15

Benzyl Alcohol

Concen: 43.61 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Tot Ion:	79	Resp:	103432
Ion Ratio	Lower	Upper	
79	100		
108	86.6	75.5	113.3
77	60.4	52.1	78.1

Instrument :

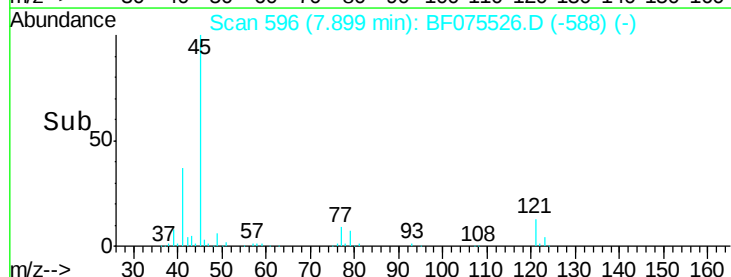
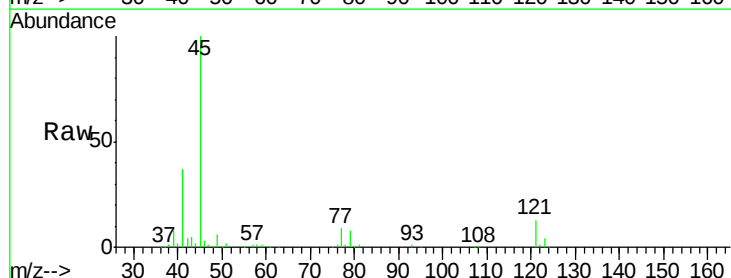
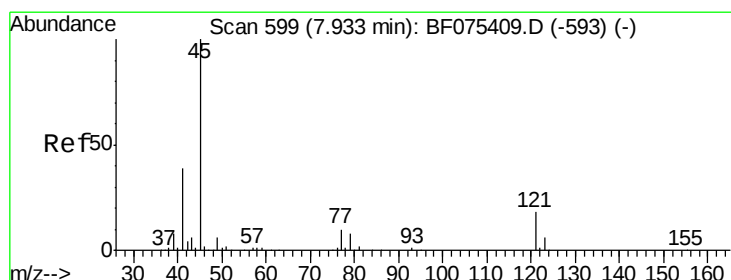
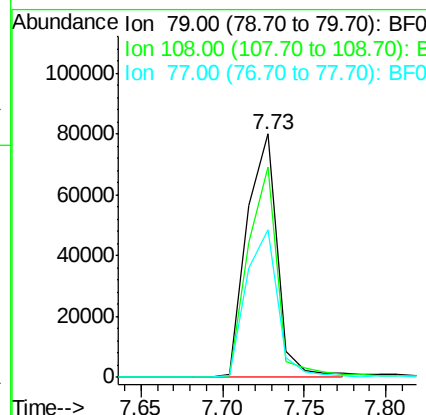
BNA_F

ClientSampled :

PB80332BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.76 ng

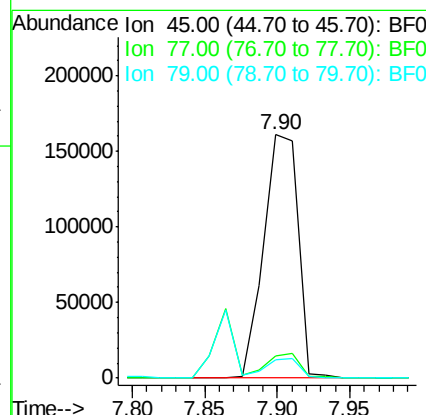
RT: 7.90 min Scan# 596

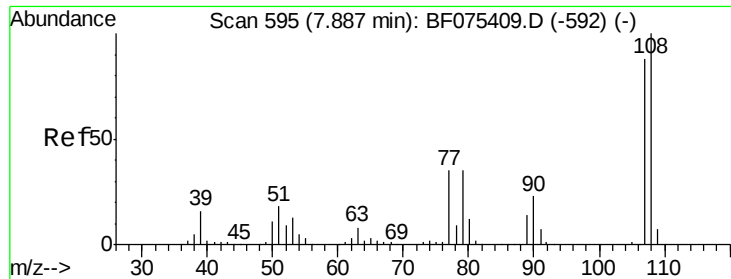
Delta R.T. -0.01 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Tgt Ion:	45	Resp:	264441
Ion Ratio	Lower	Upper	
45	100		
77	9.2	0.0	28.6
79	7.7	0.0	26.5





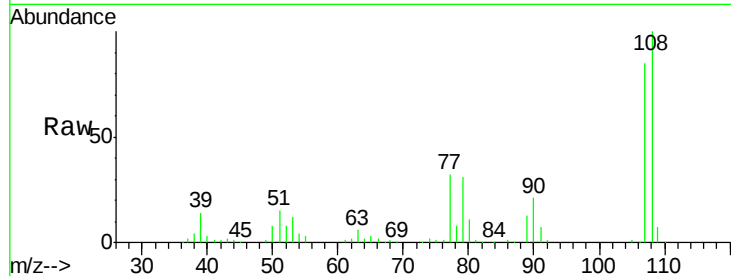
#17
2-Methylphenol
Concen: 45.56 ng
RT: 7.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

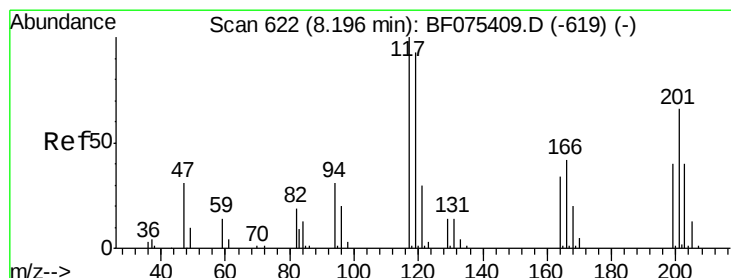
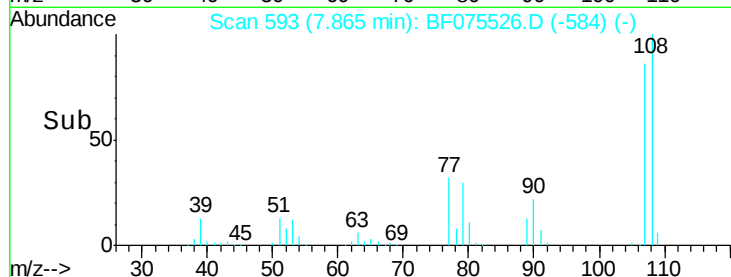
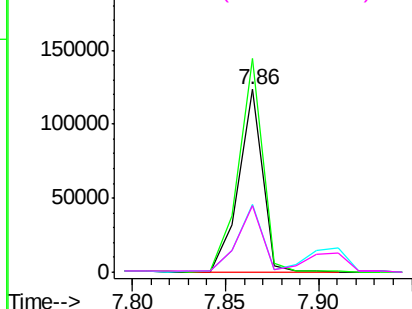
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.1	95.6	143.4	
77	37.5	30.2	45.4	
79	36.3	31.3	46.9	

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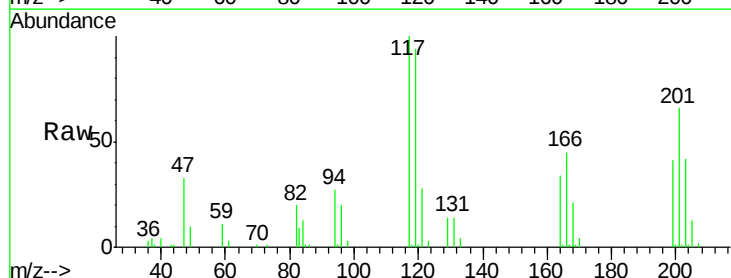


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

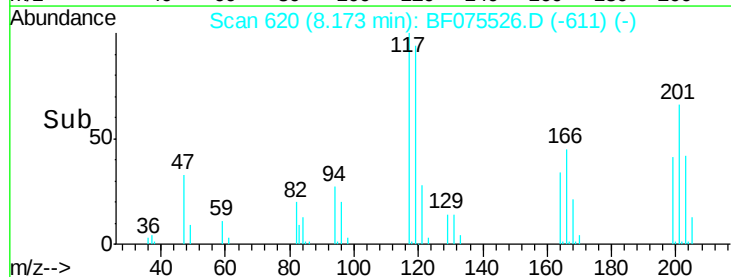
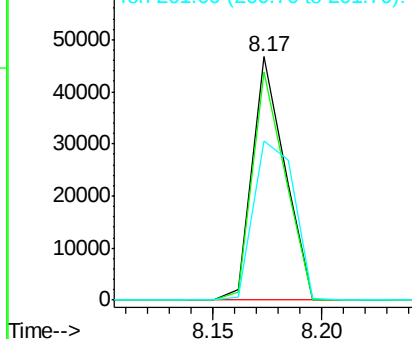


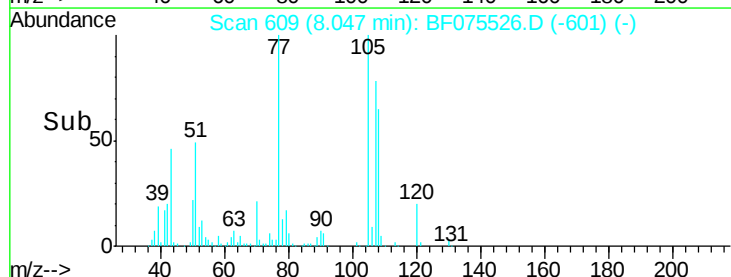
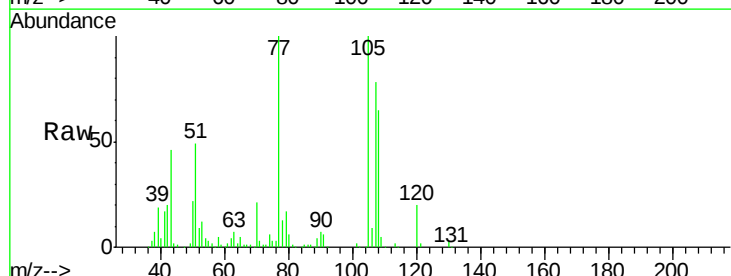
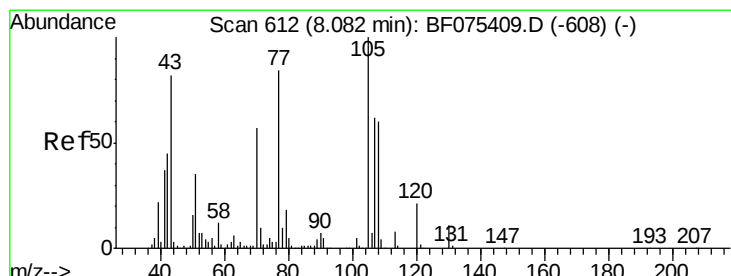
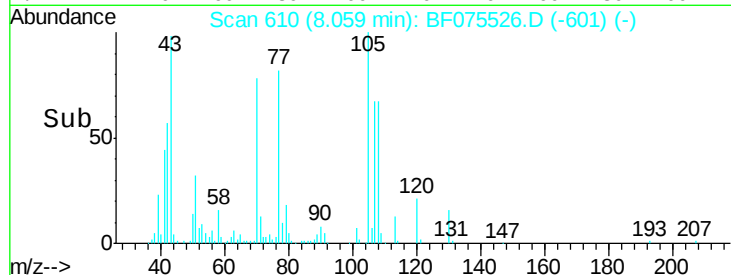
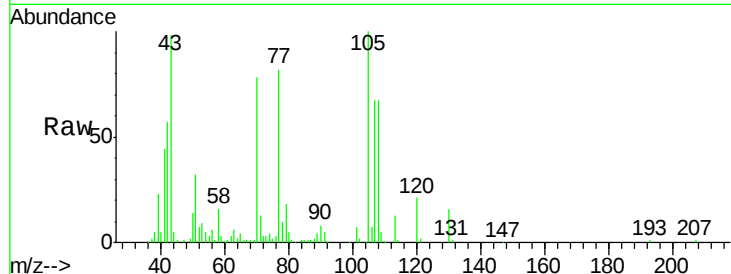
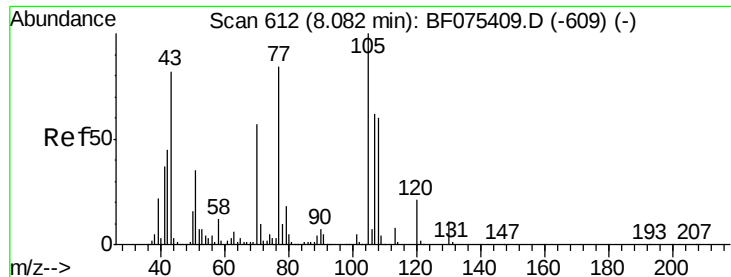
#18
Hexachloroethane
Concen: 44.04 ng
RT: 8.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	72.9	109.3	
201	65.6	48.2	72.4	



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

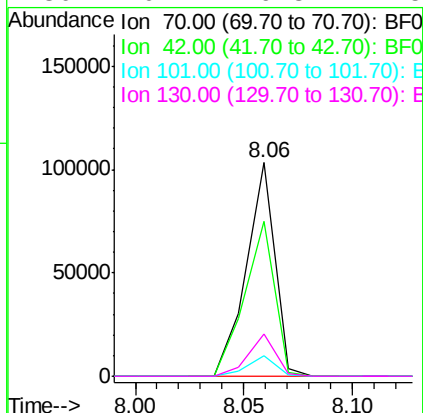




#19
n-Nitroso-di-n-propylamine
Concen: 45.81 ng
RT: 8.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.5	63.0	94.6	
101	9.6	7.5	11.3	
130	20.1	16.3	24.5	

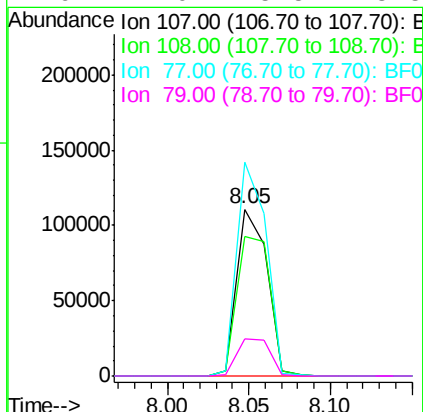


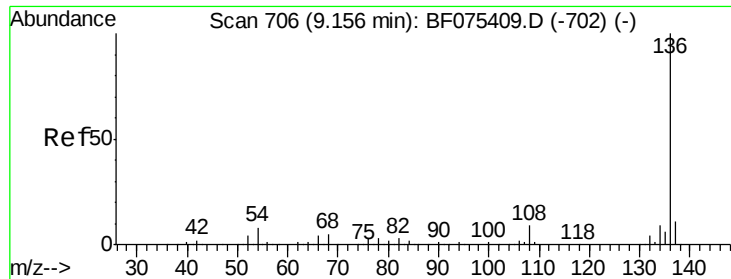
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#20
3+4-Methylphenols
Concen: 45.19 ng
RT: 8.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.7	69.6	109.6	
77	127.9	84.4	124.4#	
79	22.0	5.5	45.5	





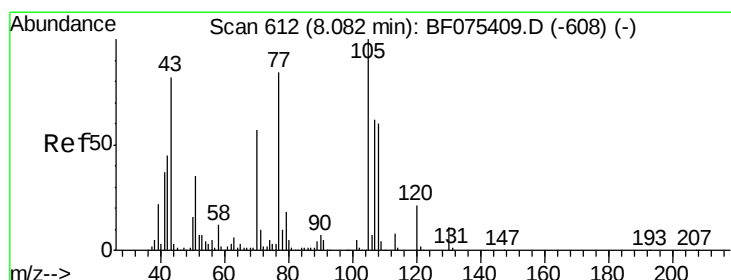
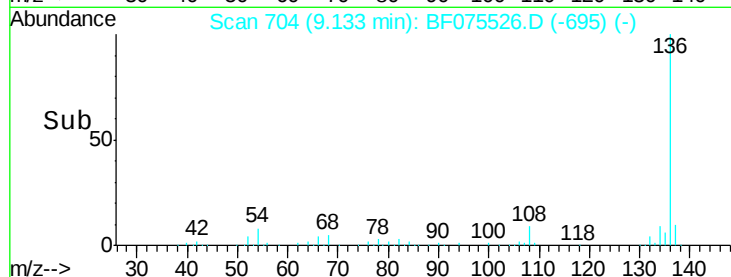
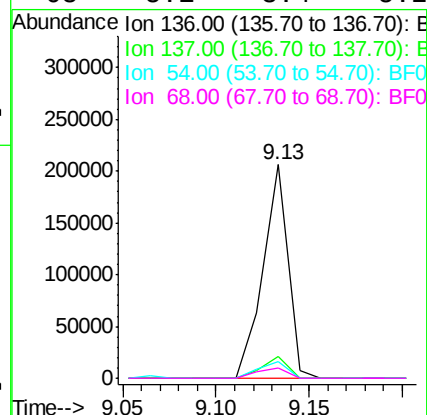
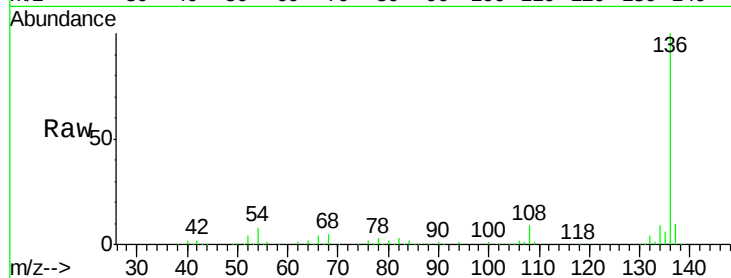
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		190113		
137	10.2	8.2	12.4		
54	7.9	6.2	9.4		
68	5.1	3.4	5.2		

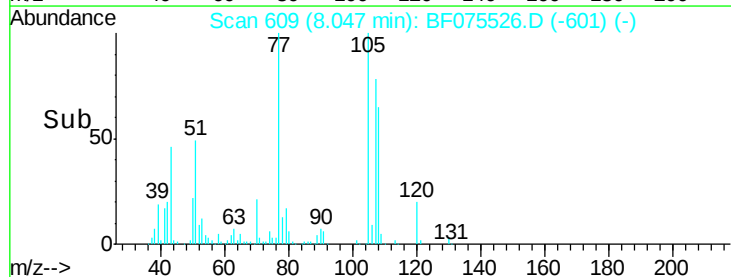
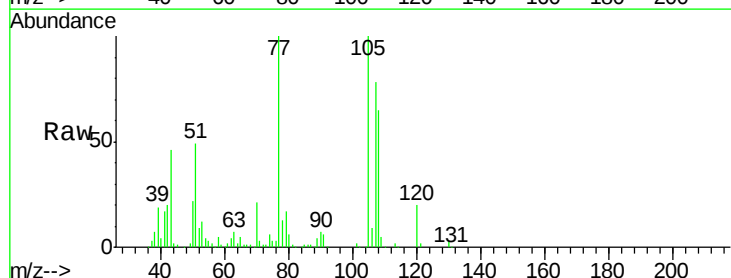
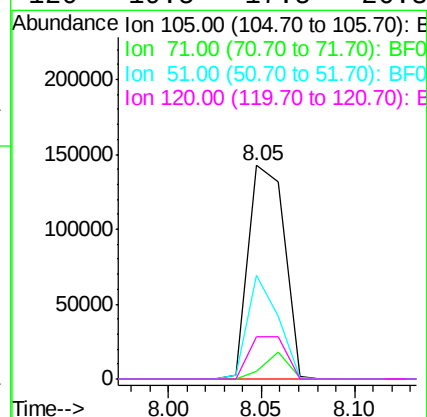
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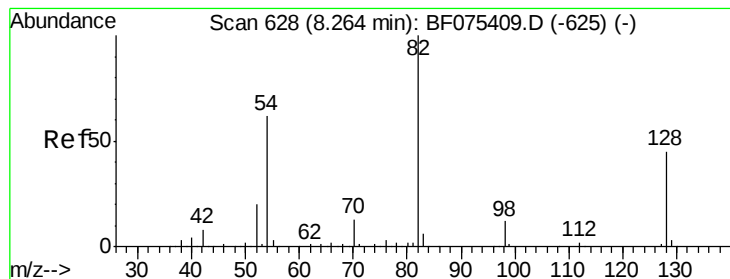
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#22
Acetophenone
Concen: 46.60 ng
RT: 8.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		191132		
71	3.4	10.5	15.7#		
51	48.6	24.2	36.2#		
120	19.5	17.5	26.3		





#23

Nitrobenzene-d5

Concen: 104.12 ng

RT: 8.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

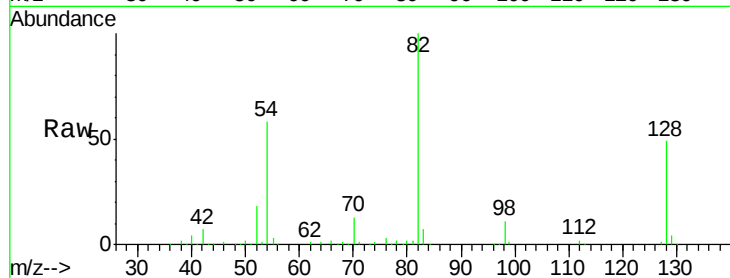
ClientSampleId :

PB80332BS

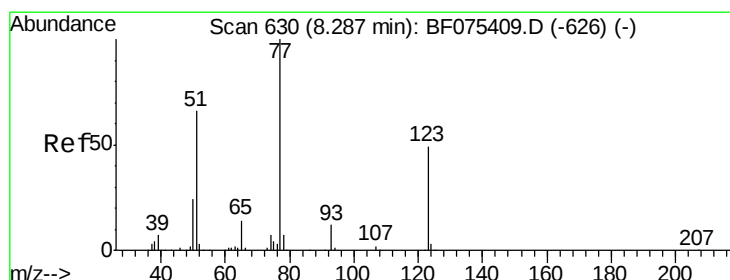
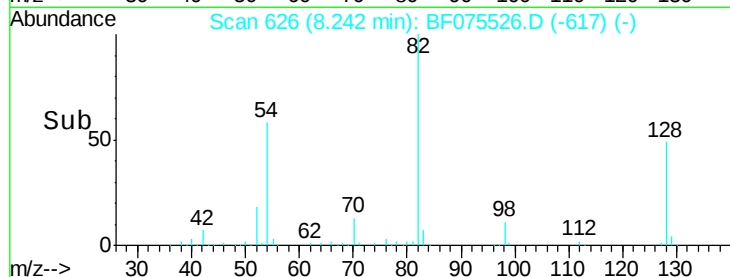
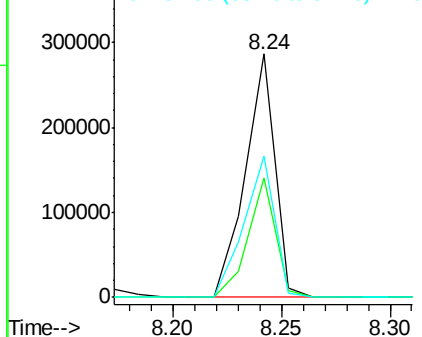
Tot Ion:	82	Resp:	270000
Ion Ratio	Lower	Upper	
82	100		
128	49.0	37.8	56.6
54	58.0	49.8	74.8

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 49.10 ng

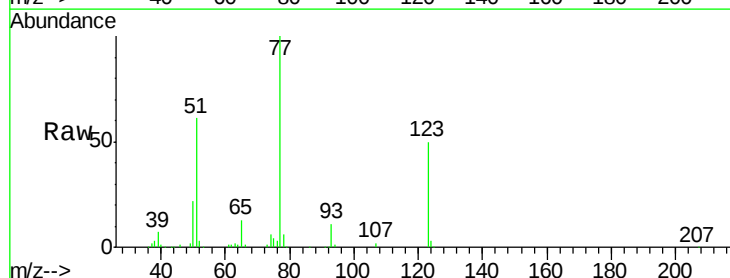
RT: 8.26 min Scan# 628

Delta R.T. 0.00 min

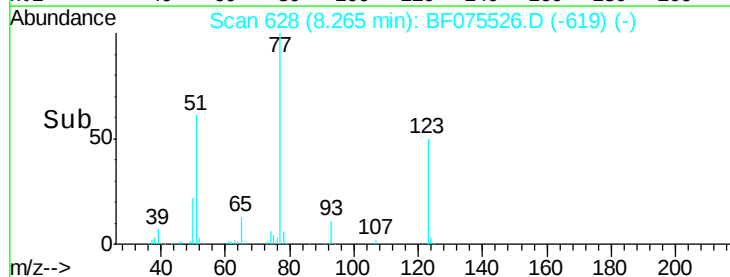
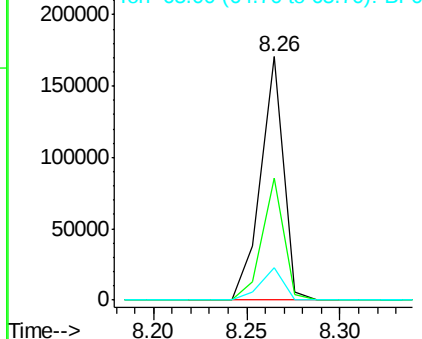
Lab File: BF075526.D

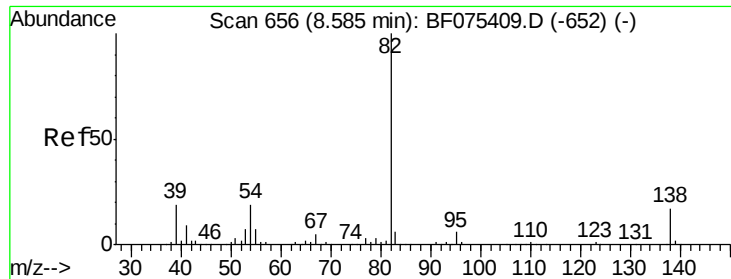
Acq: 15 Nov 2014 7:50

Tgt Ion:	77	Resp:	147540
Ion Ratio	Lower	Upper	
77	100		
123	50.1	39.0	58.4
65	13.3	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.41 ng

RT: 8.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

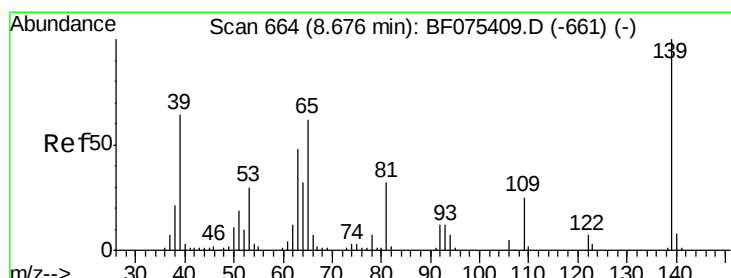
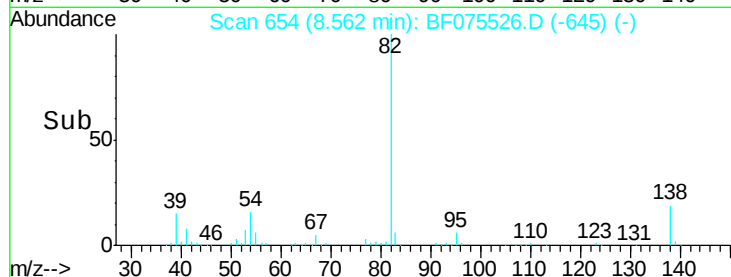
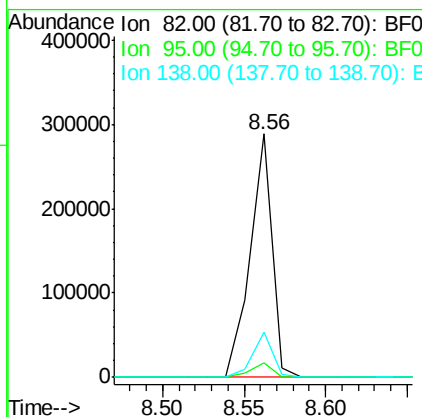
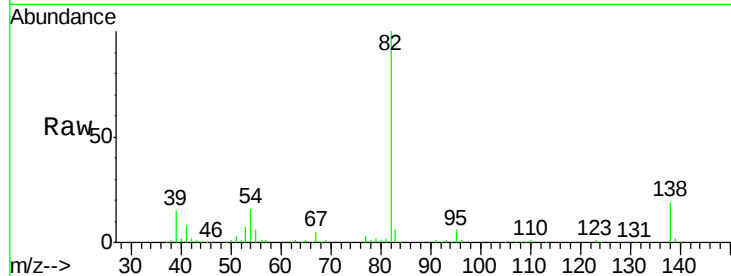
ClientSampleId :

PB80332BS

Tot Ion:	82	Resp:	268828
Ion Ratio		Lower	Upper
82	100		
95	6.0	5.2	7.8
138	18.6	15.0	22.6

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#26

2-Nitrophenol

Concen: 45.52 ng

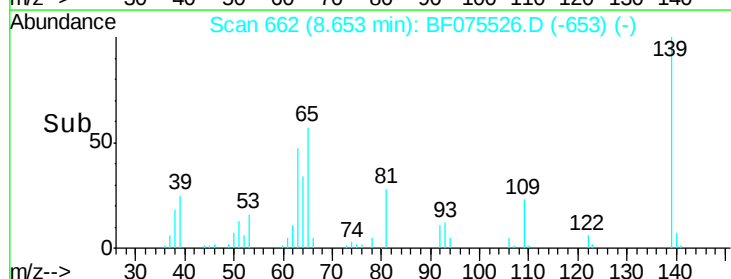
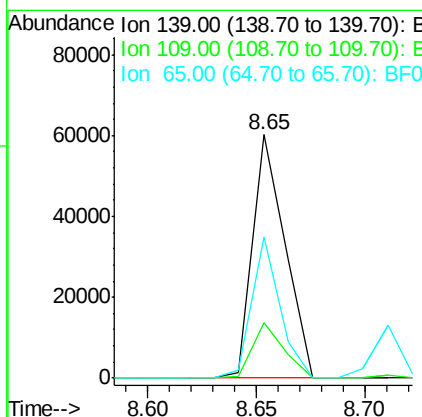
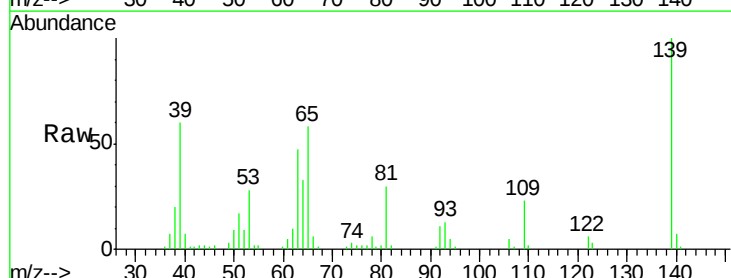
RT: 8.65 min Scan# 662

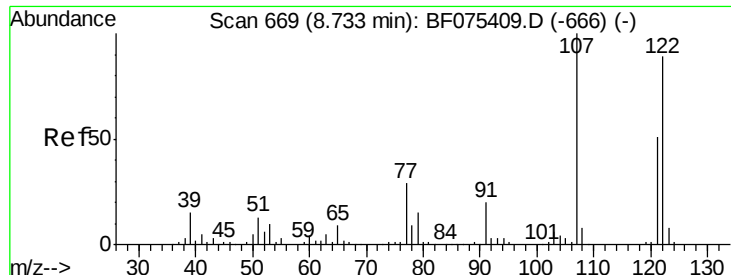
Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Tgt Ion:	139	Resp:	62335
Ion Ratio		Lower	Upper
139	100		
109	22.9	22.3	33.5
65	58.0	49.1	73.7





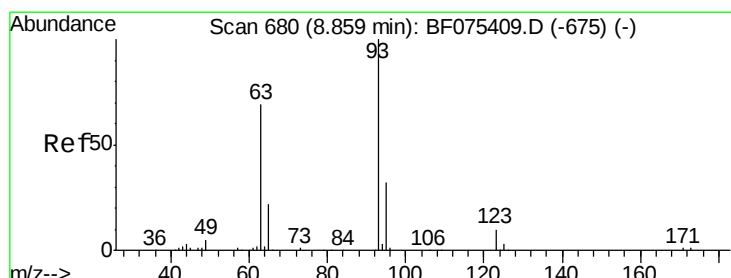
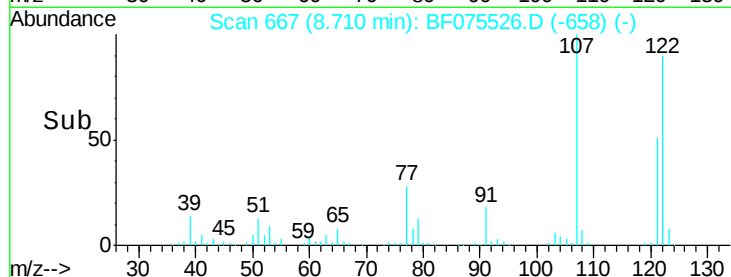
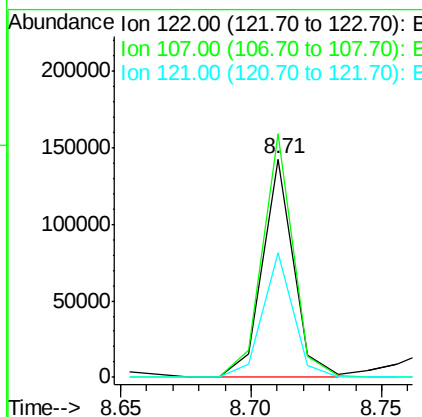
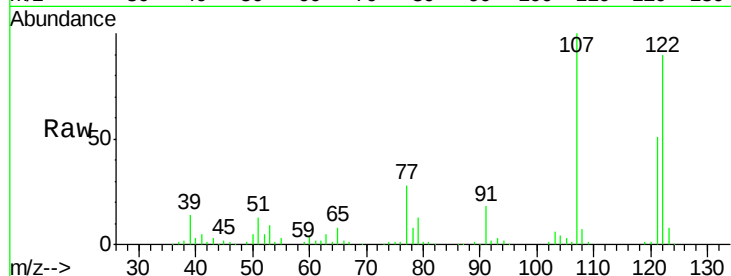
#27
2,4-Dimethylphenol
Concen: 45.03 ng
RT: 8.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		119503		
107	111.4	86.5	129.7		
121	57.0	45.4	68.2		

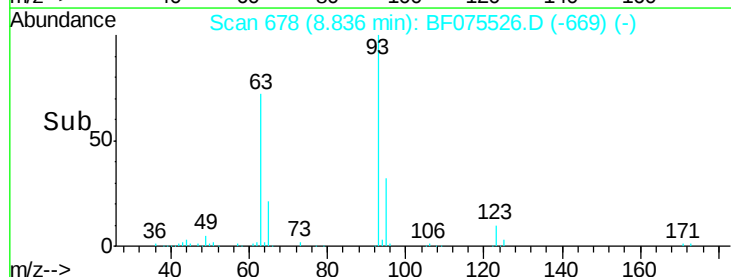
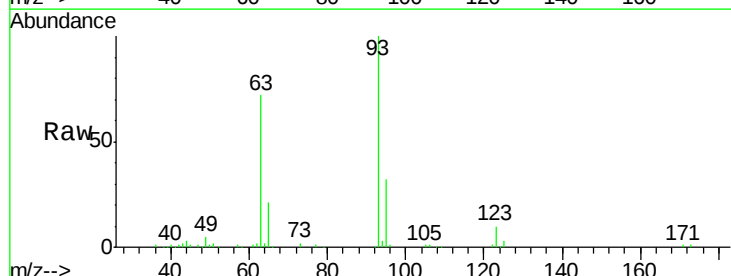
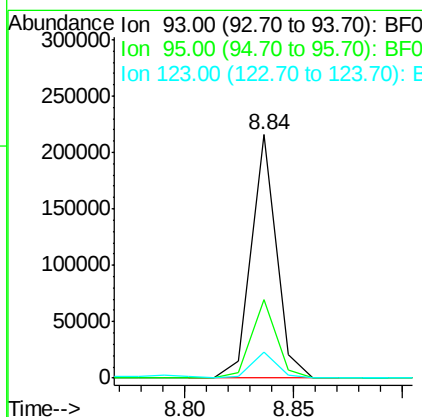
Manual Integrations
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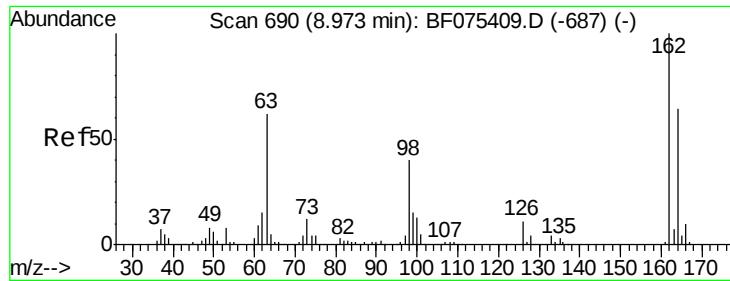
mohammad
11/17/2014 7:36:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.98 ng
RT: 8.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		173111		
95	32.2	26.2	39.4		
123	10.5	8.8	13.2		





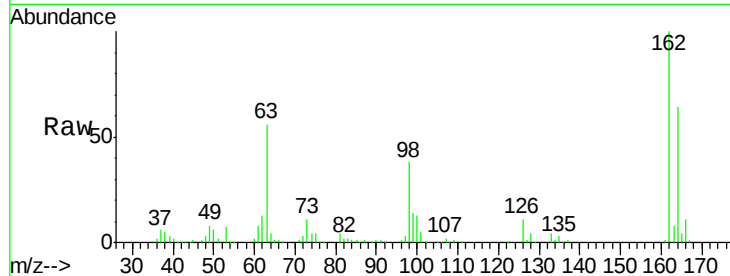
#29
2,4-Dichlorophenol
Concen: 45.36 ng
RT: 8.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

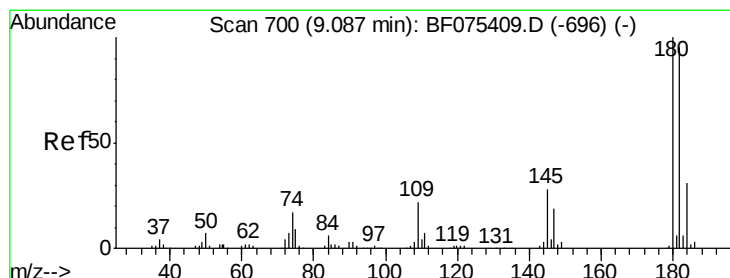
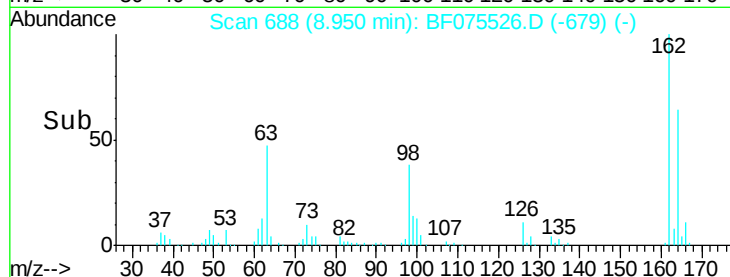
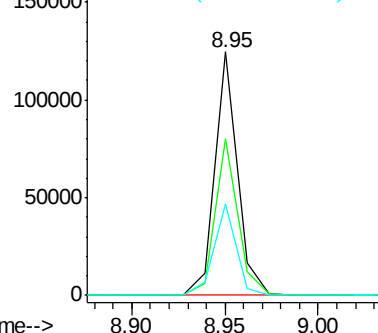
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	43.8	83.8
98	37.6	14.6	54.6

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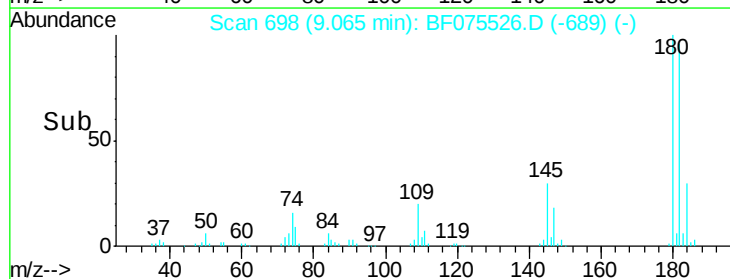
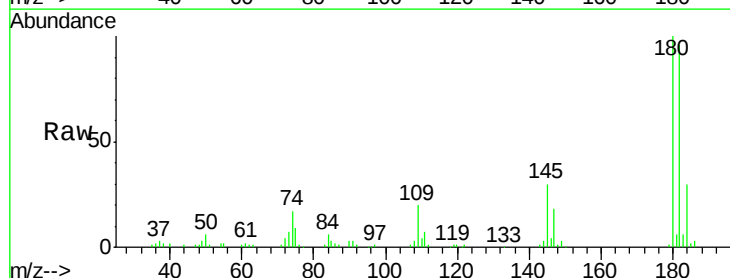
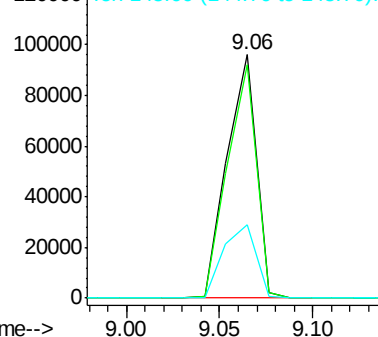
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

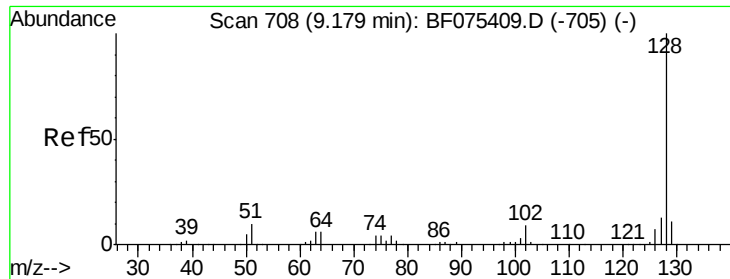


#30
1,2,4-Trichlorobenzene
Concen: 42.64 ng
RT: 9.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	78.4	117.6
145	30.0	22.3	33.5

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





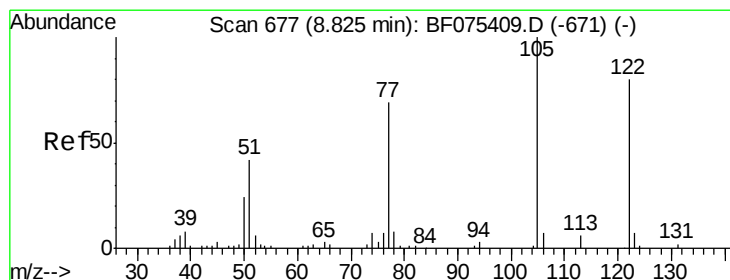
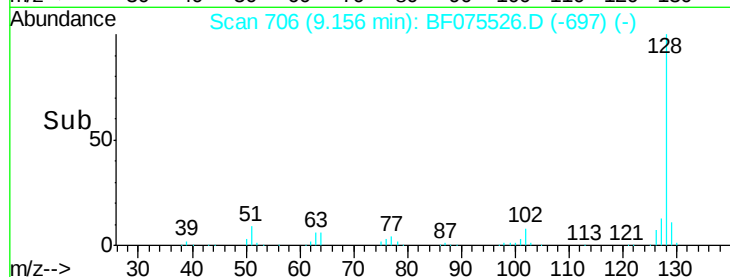
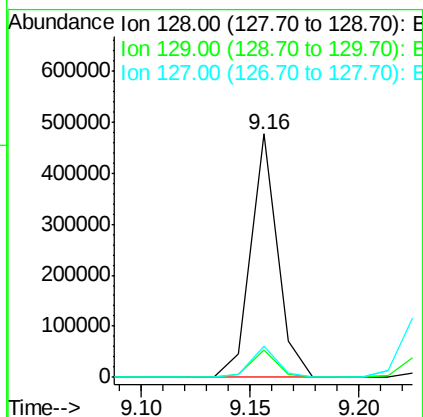
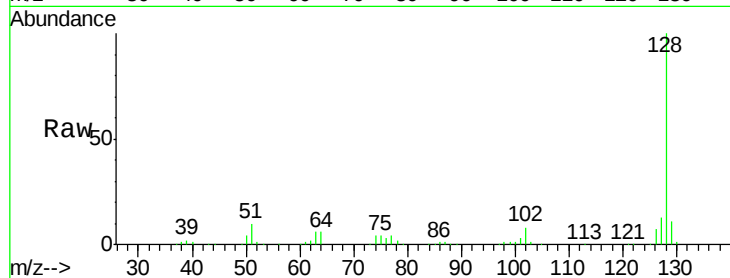
#31
Naphthalene
Concen: 47.95 ng
RT: 9.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	406397		
129	11.2	9.0	13.4	
127	12.7	10.2	15.4	

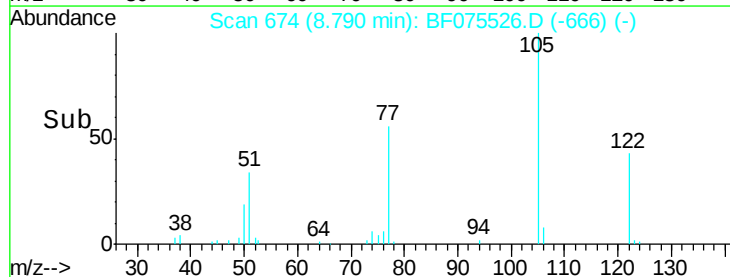
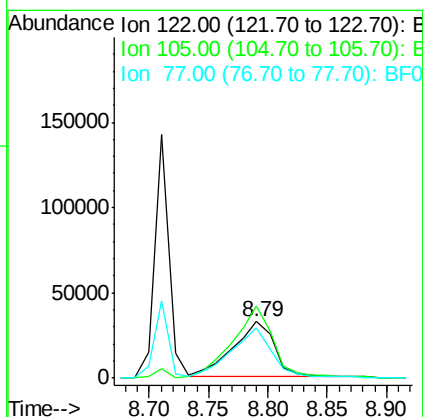
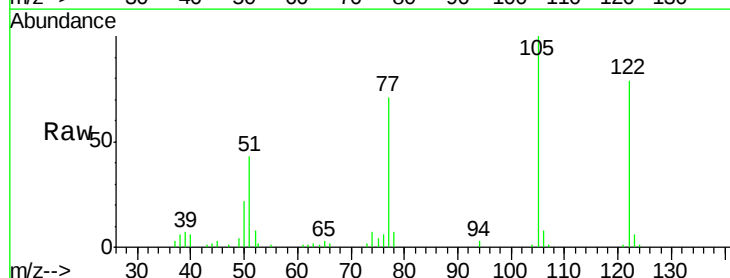
Manual Integrations
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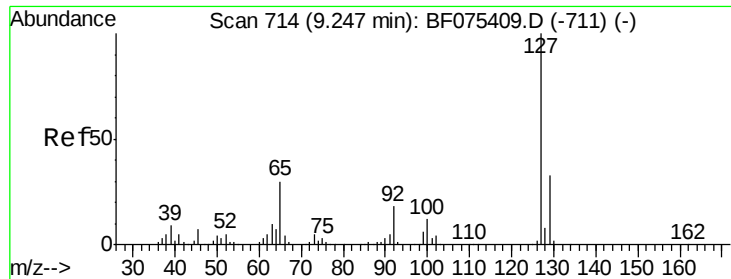
mohammad
11/17/2014 7:36:10 PM



#32
Benzoic acid
Concen: 49.37 ng
RT: 8.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	79160		
105	126.6	95.1	135.1	
77	89.8	62.6	102.6	





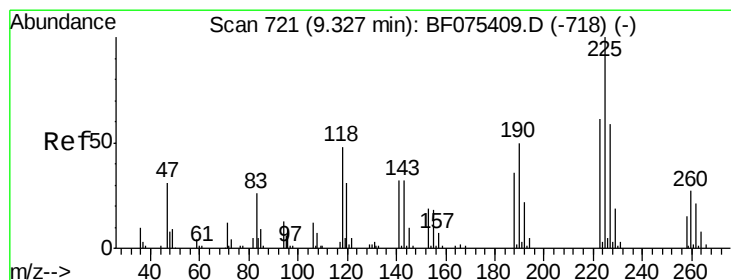
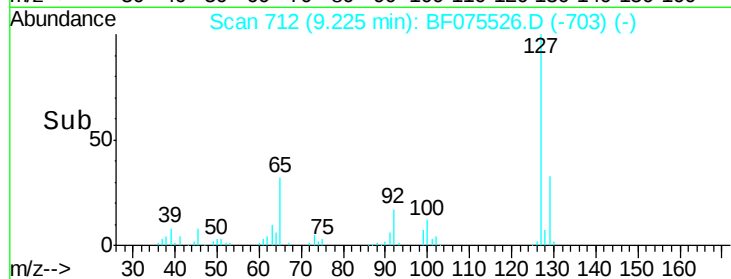
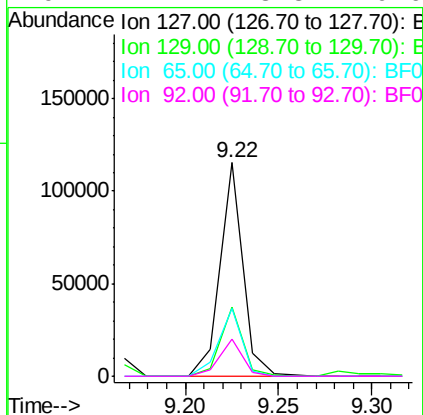
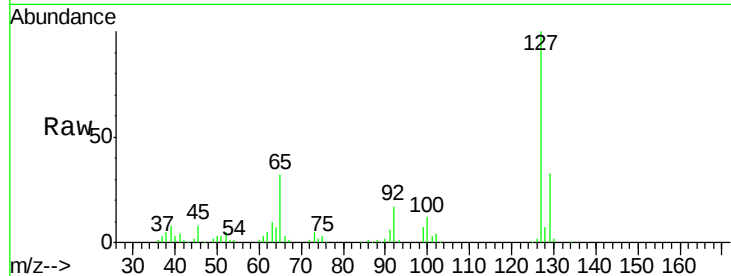
#33
4-Chloroaniline
Concen: 27.01 ng
RT: 9.22 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.5	38.3		
65	31.7	22.8	34.2		
92	17.4	13.8	20.6		

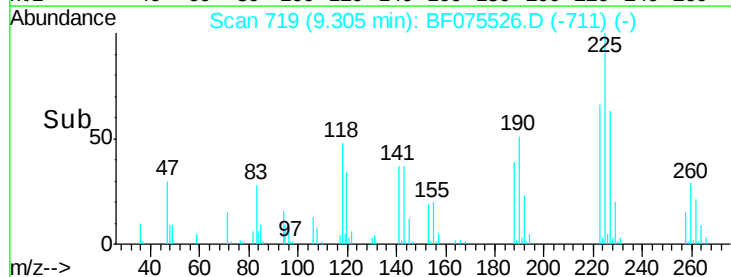
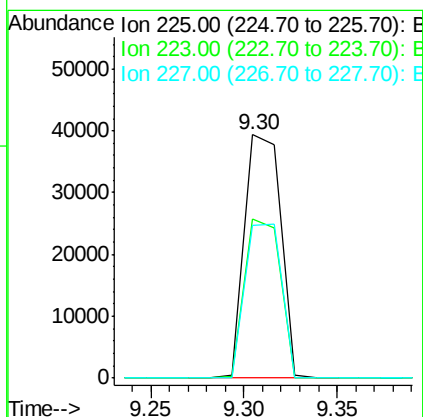
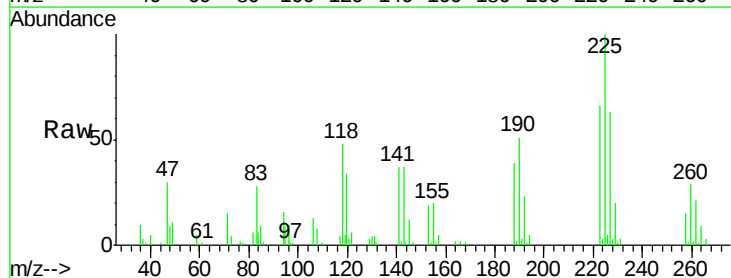
Manual Integrations
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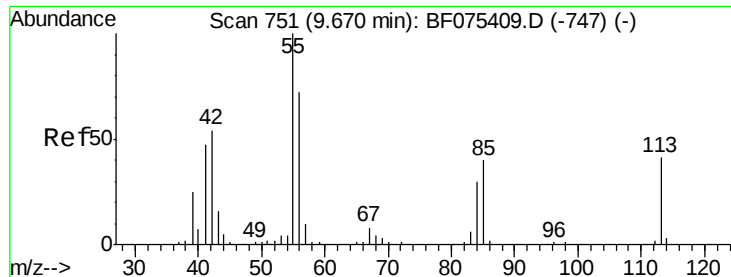
mohammad
11/17/2014 7:36:10 PM



#34
Hexachlorobutadiene
Concen: 40.57 ng
RT: 9.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.6	51.0	76.6		
227	62.5	48.6	73.0		





#35

Caprolactam

Concen: 45.41 ng

RT: 9.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

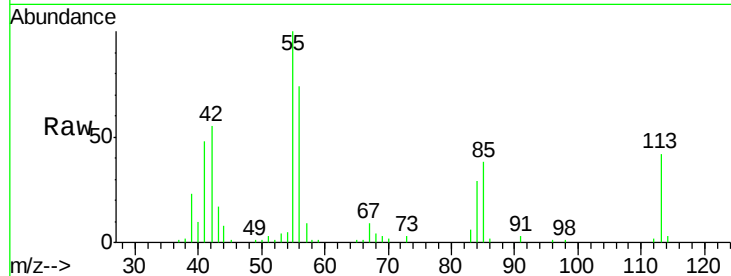
ClientSampleId :

PB80332BS

Tot Ion:	113	Resp:	34992
Ion Ratio	Lower	Upper	
113	100		
55	239.0	226.9	266.9
56	176.4	148.4	188.4

Manual Integrations
APPROVED

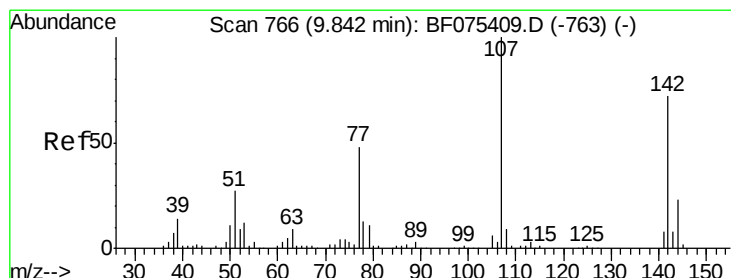
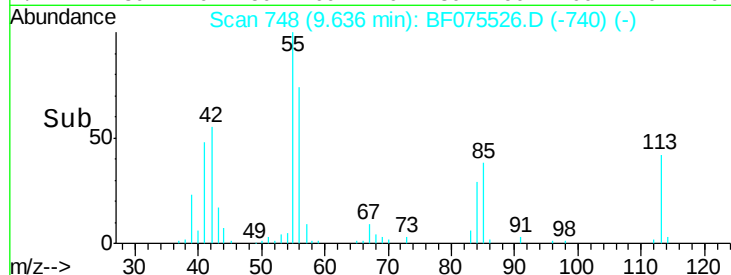
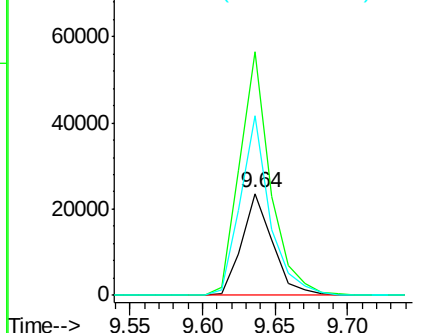
mohammad
11/17/2014 7:36:10 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.48 ng

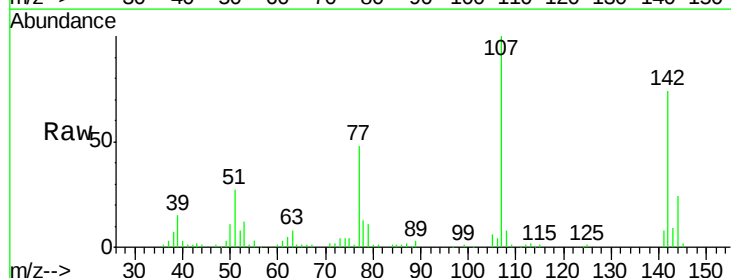
RT: 9.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

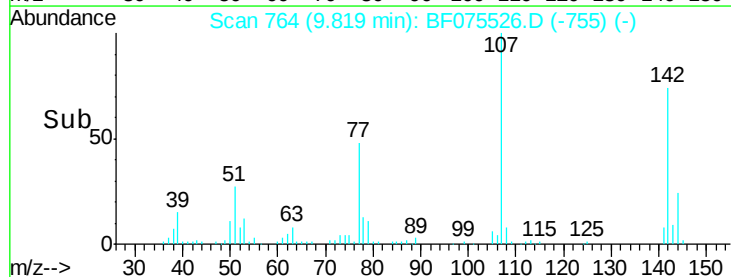
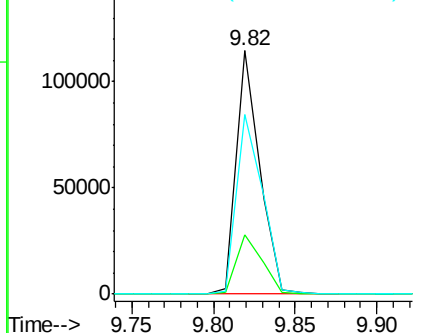
Tgt Ion:	107	Resp:	113471
Ion Ratio	Lower	Upper	
107	100		
144	24.2	19.1	28.7
142	73.6	62.9	94.3

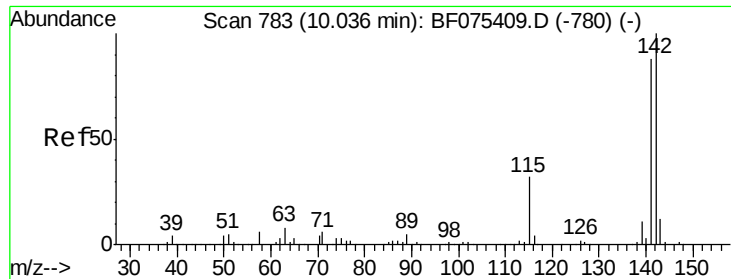


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





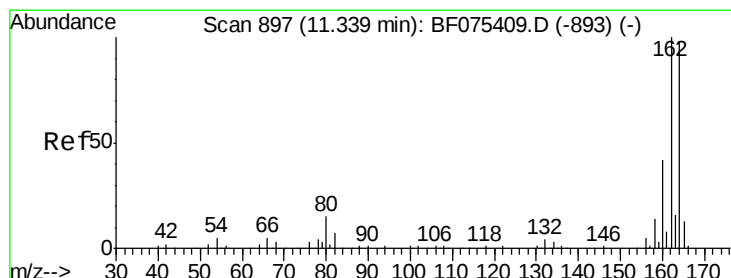
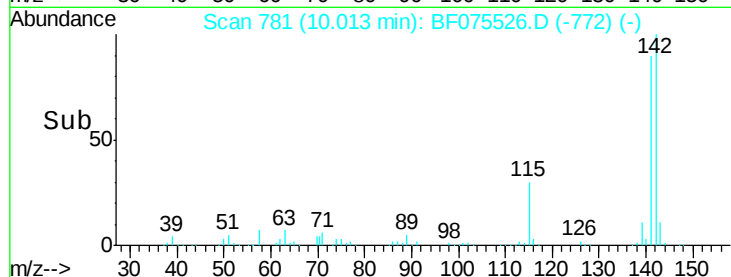
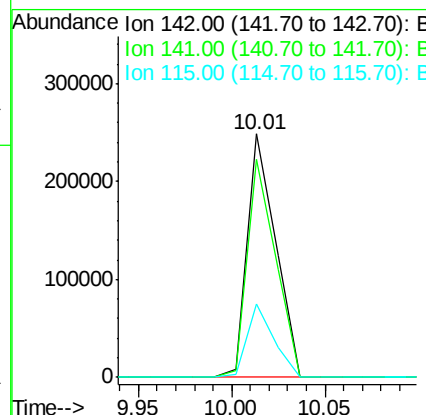
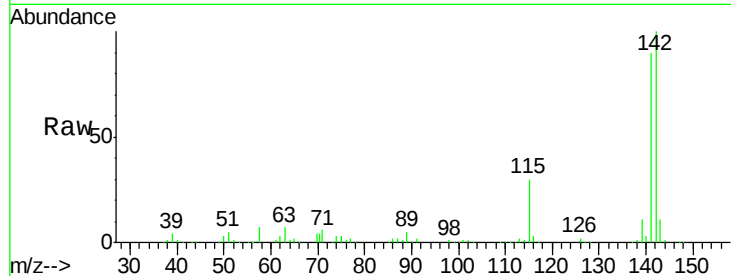
#37
2-Methylnaphthalene
Concen: 45.41 ng
RT: 10.01 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.9	104.9
115	30.3	27.6	41.4

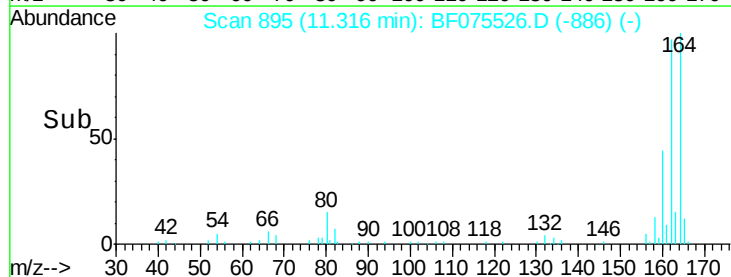
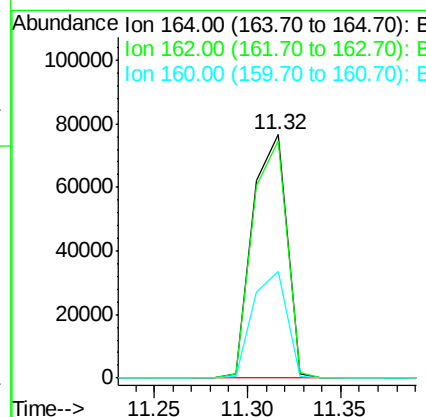
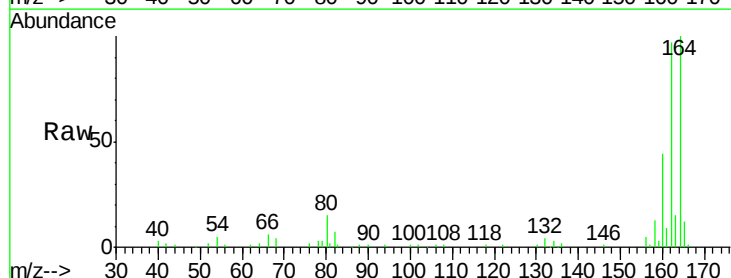
Manual Integrations
APPROVED

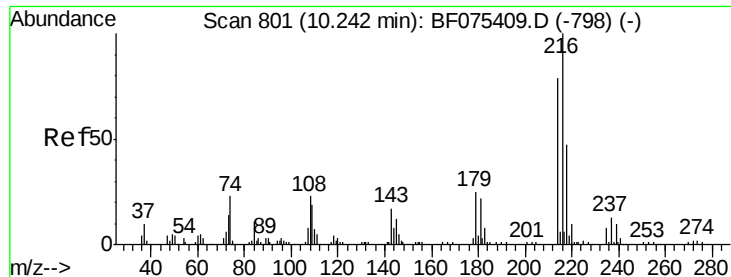
mohammad
11/17/2014 7:36:10 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.1	118.7
160	43.7	34.6	51.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.27 ng

RT: 10.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

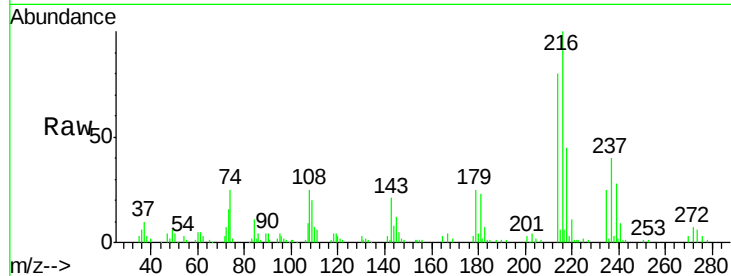
ClientSampleId :

PB80332BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		96211		
214	77.7	62.8	94.2		
179	22.0	18.7	28.1		
108	24.4	18.1	27.1		

Manual Integrations
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11/17/2014 7:36:10 PM

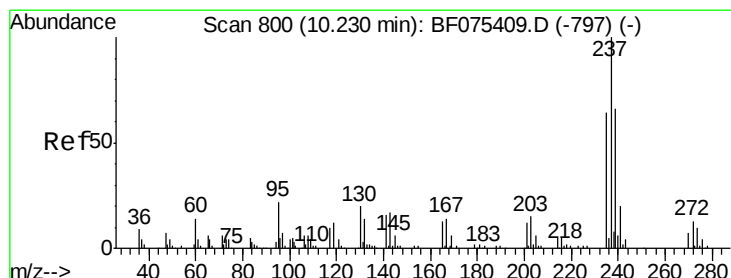
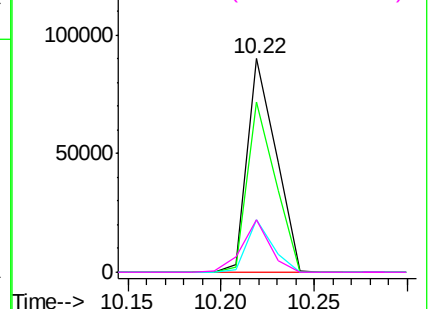
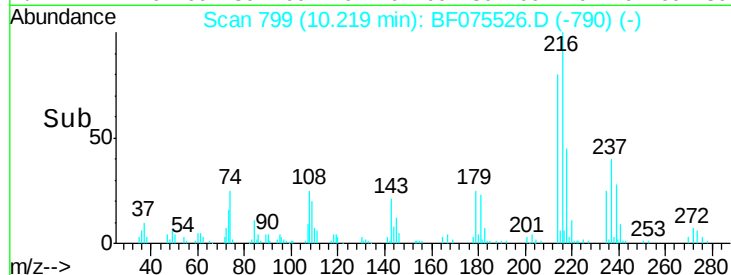


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 100.15 ng

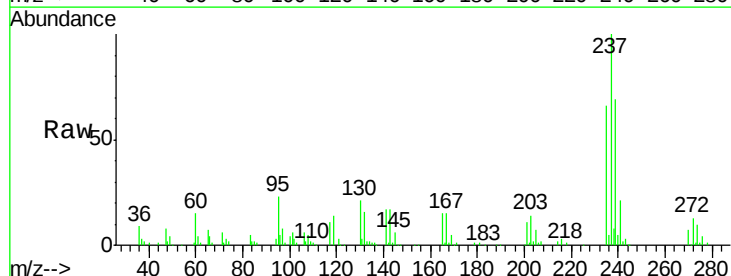
RT: 10.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

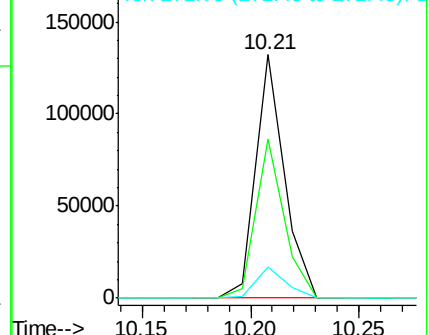
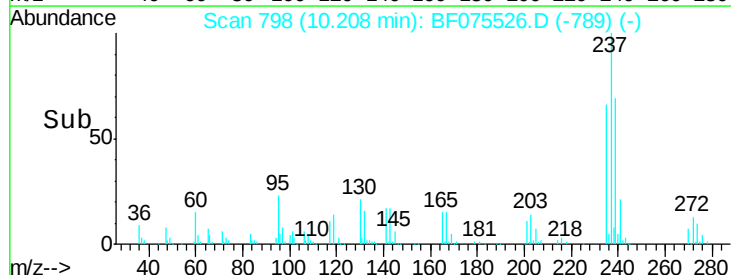
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		121242		
235	65.6	45.7	85.7		
272	12.9	0.0	32.6		

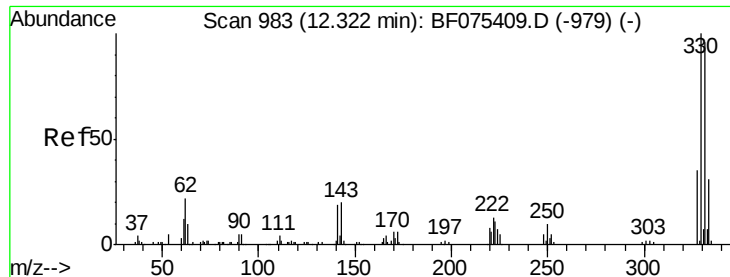


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





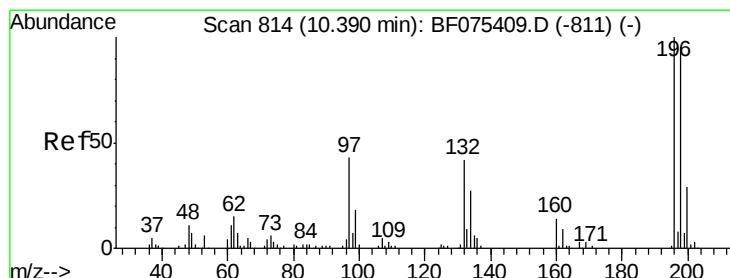
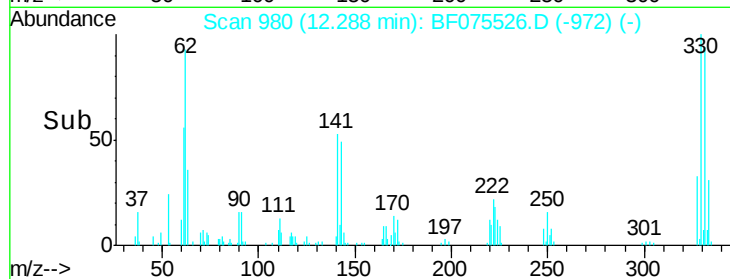
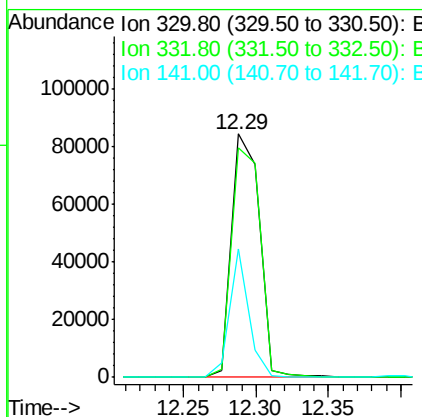
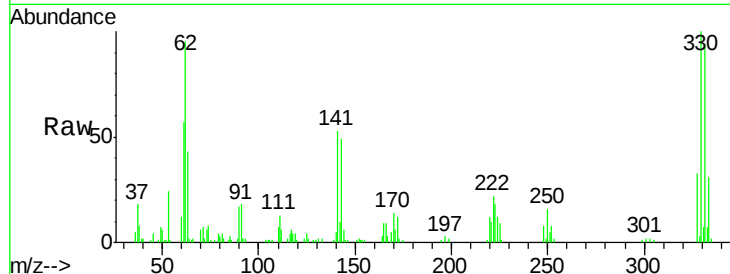
#41
 2,4,6-Tribromophenol
 Concen: 139.27 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Instrument :
 BNA_F
 ClientSampleId :
 PB80332BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	113092		
332	97.1	74.5	111.7	
141	36.1	30.7	46.1	

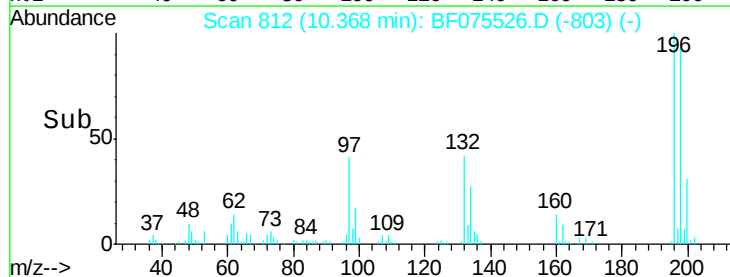
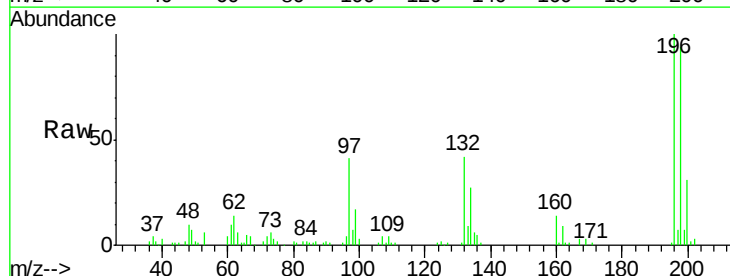
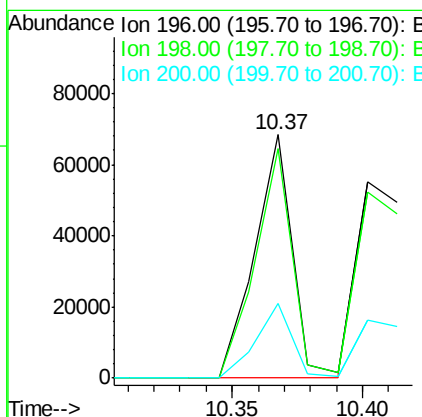
Manual Integrations
 APPROVED

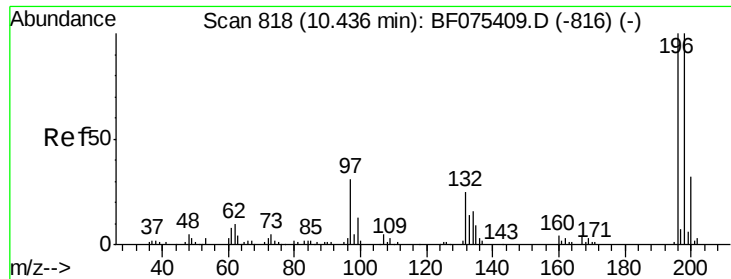
mohammad
 11/17/2014 7:36:10 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.50 ng
 RT: 10.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68942		
198	94.4	75.7	113.5	
200	30.7	23.4	35.0	





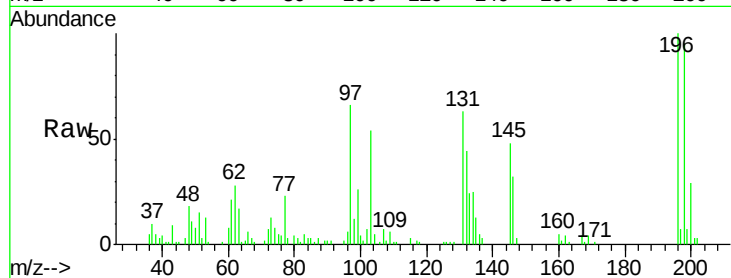
#43
 2,4,5-Trichlorophenol
 Concen: 44.71 ng
 RT: 10.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Instrument :
 BNA_F
 ClientSampleId :
 PB80332BS

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Tot Ion	196	Resp	73796
Ion Ratio	Lower	Upper	
196	100		
198	94.6	78.2	117.4
97	65.8	29.9	44.9#
132	43.8	22.2	33.2#



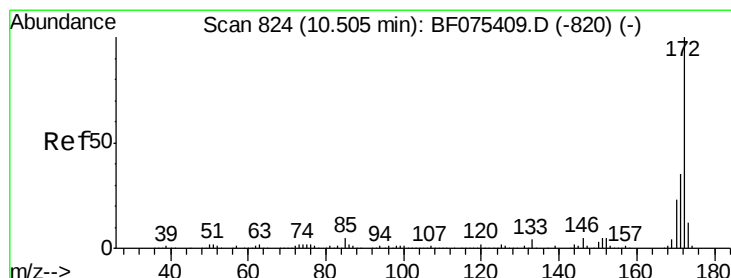
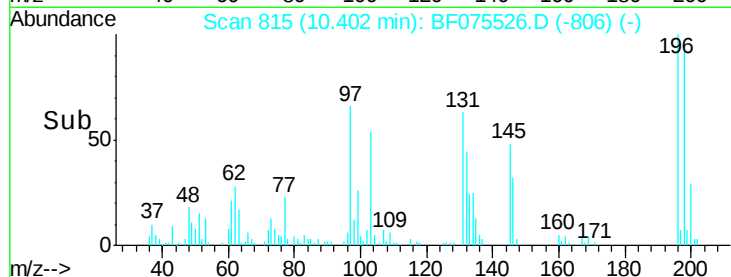
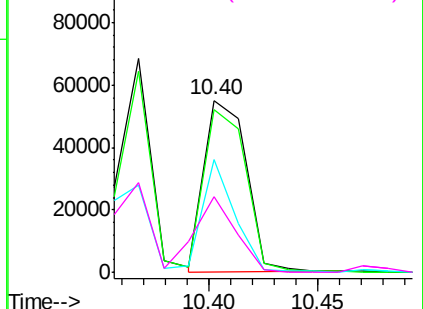
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

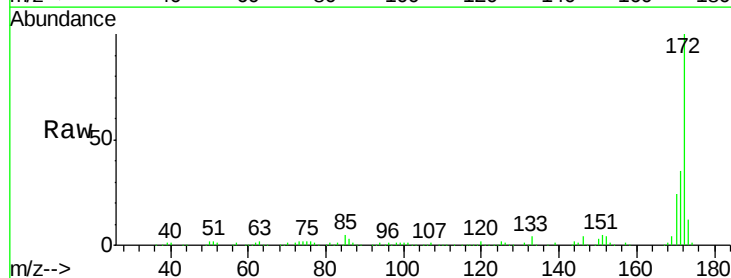
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.01 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Tgt Ion	172	Resp	520485
Ion Ratio	Lower	Upper	
172	100		
171	34.6	27.3	40.9
170	23.7	18.4	27.6

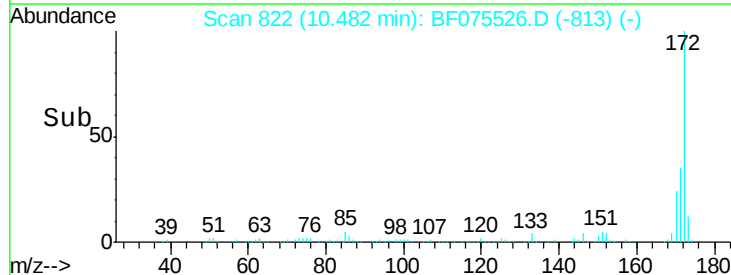
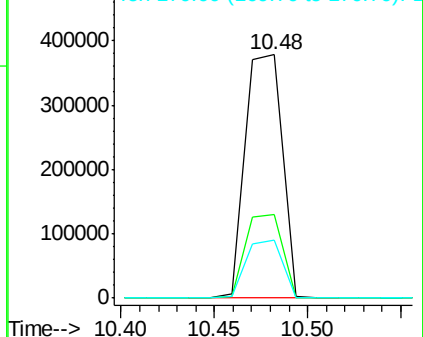


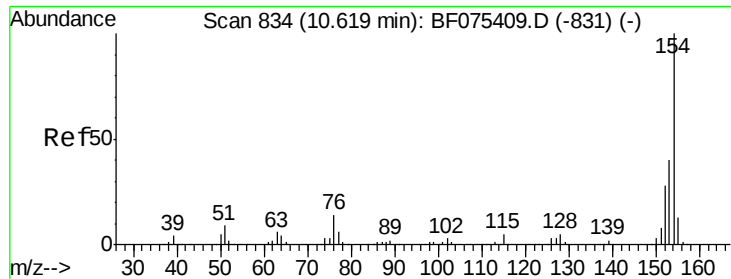
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





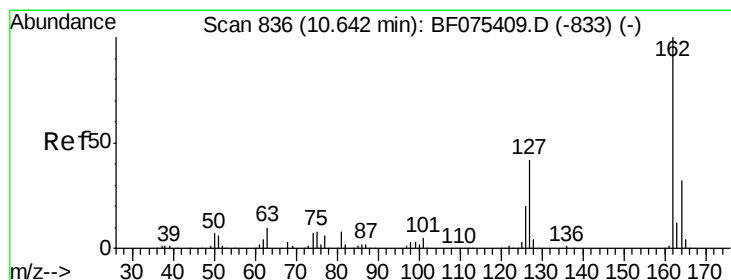
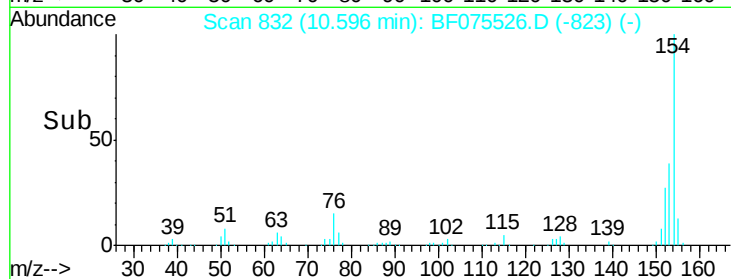
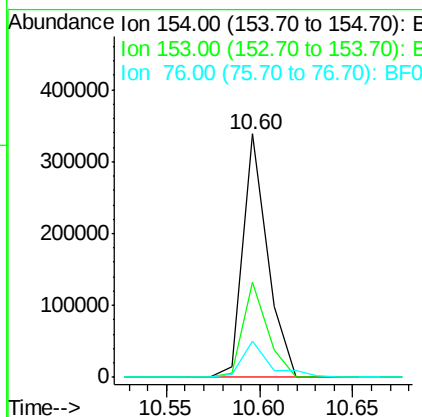
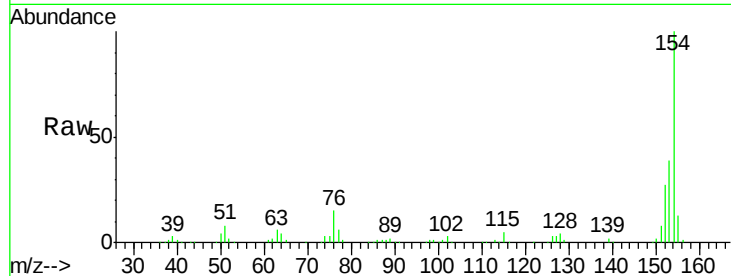
#45
 1,1'-Biphenyl
 Concen: 47.53 ng
 RT: 10.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Instrument :
 BNA_F
 ClientSampleId :
 PB80332BS

Tot Ion:	154	Resp:	310822
Ion Ratio	Lower	Upper	
154	100		
153	38.9	19.3	59.3
76	15.0	0.0	35.0

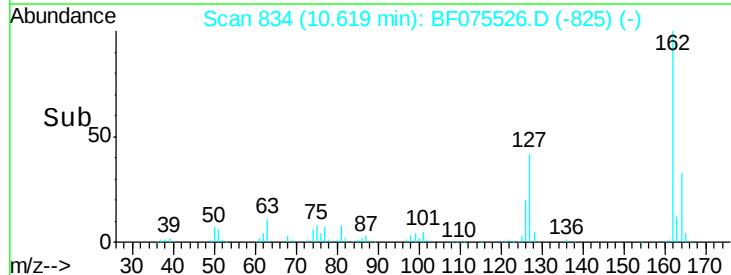
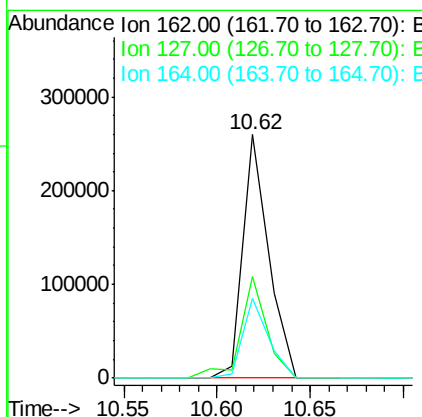
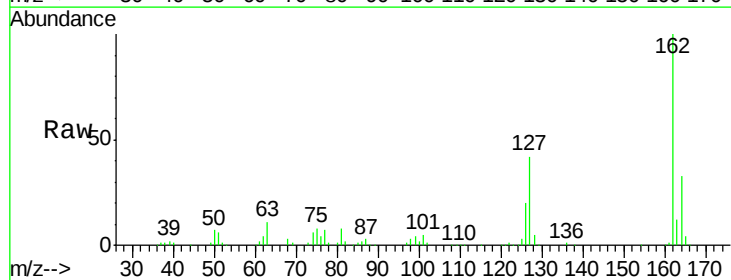
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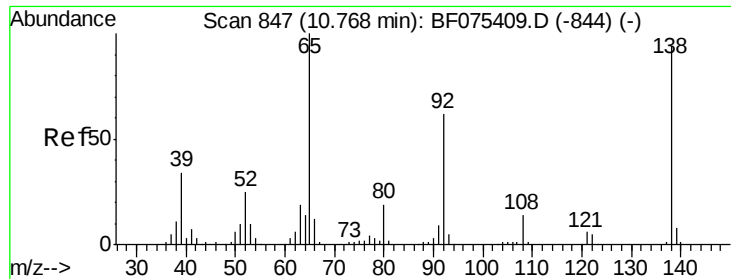
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#46
 2-Chloronaphthalene
 Concen: 48.78 ng
 RT: 10.62 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Tgt Ion:	162	Resp:	249450
Ion Ratio	Lower	Upper	
162	100		
127	41.6	34.6	51.8
164	32.9	25.1	37.7





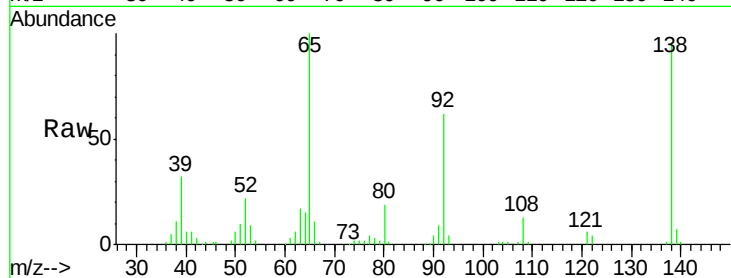
#47
2-Nitroaniline
Concen: 54.17 ng
RT: 10.74 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

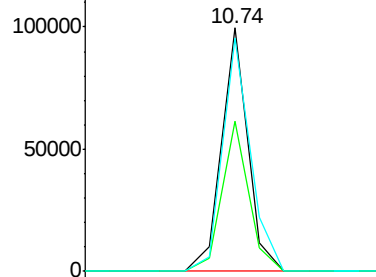
Tot Ion	Ratio	Lower	Upper
65	100		
92	61.5	46.7	70.1
138	96.1	62.8	94.2

Manual Integrations
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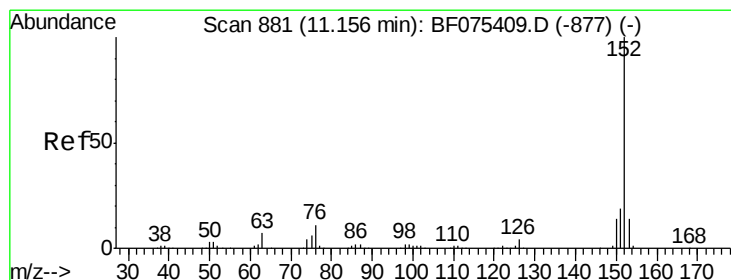
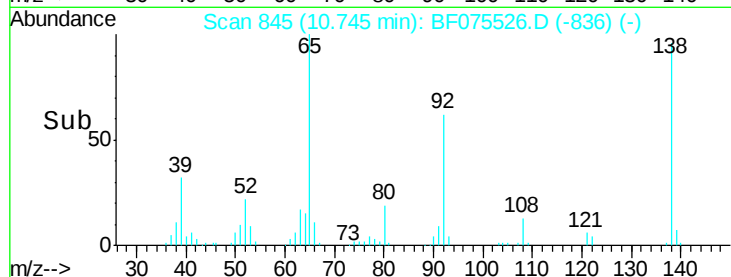
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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

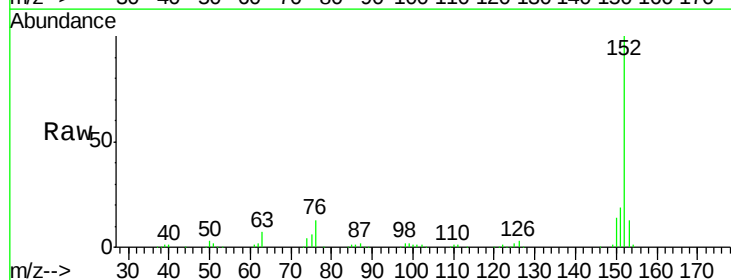


Time-->

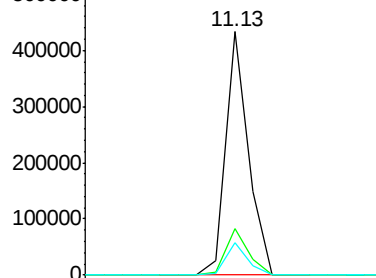


#48
Acenaphthylene
Concen: 49.66 ng
RT: 11.13 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

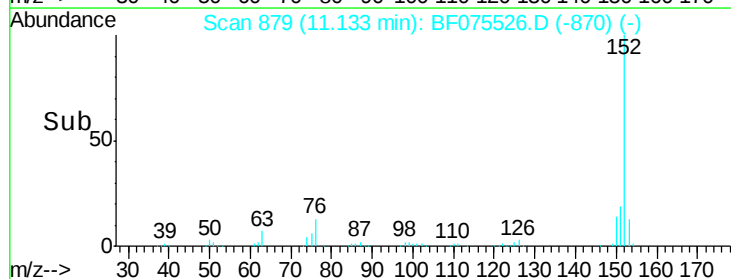
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.4	10.0	15.0

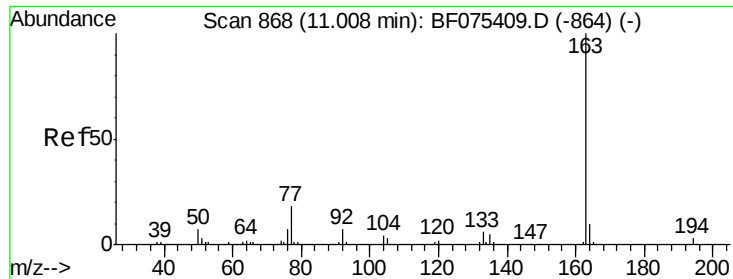


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->





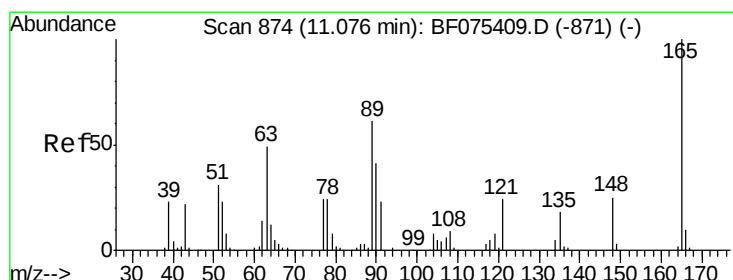
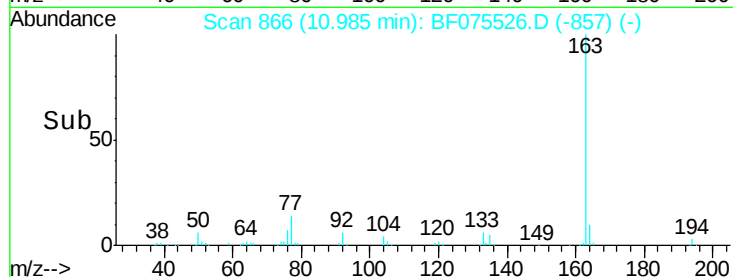
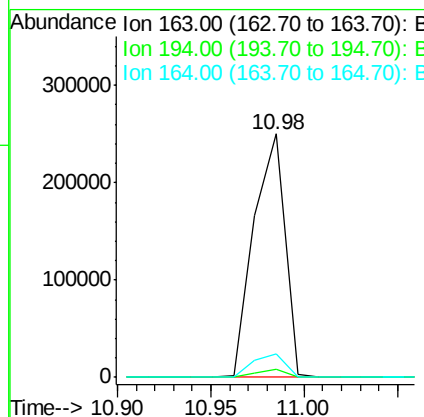
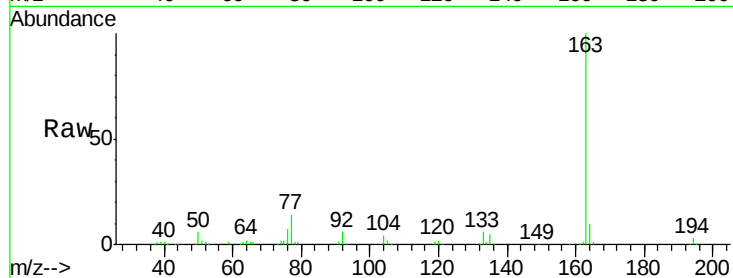
#49
Dimethylphthalate
Concen: 43.64 ng
RT: 10.98 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.7	8.0	12.0

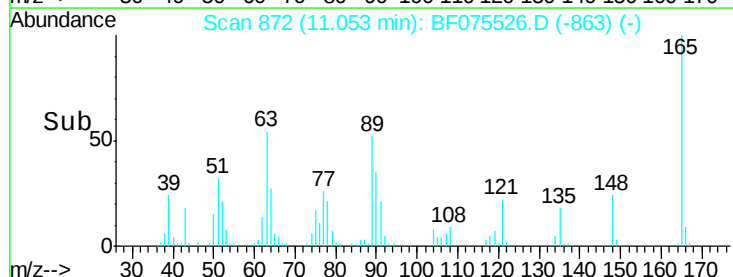
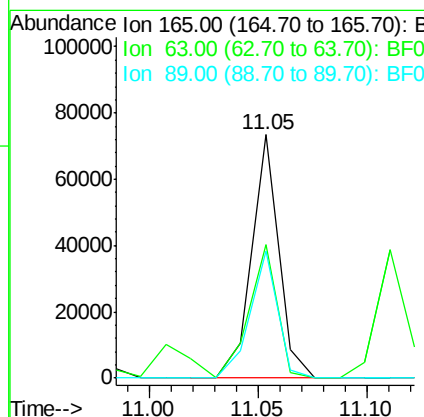
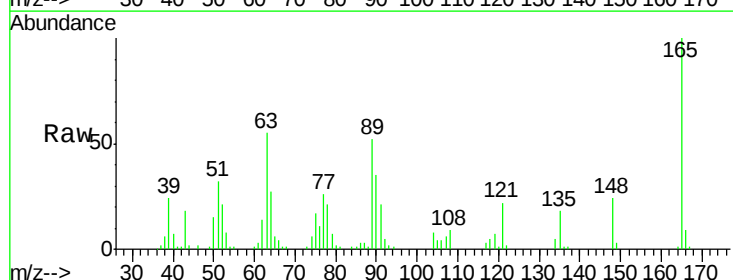
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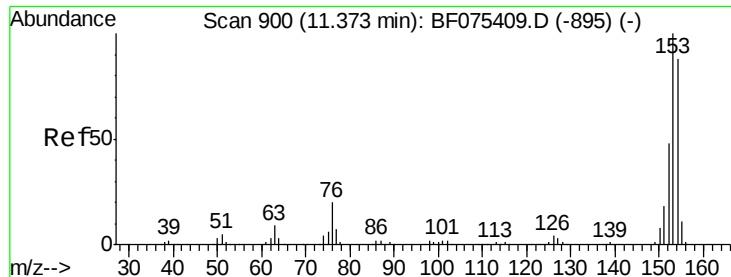
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#50
2,6-Dinitrotoluene
Concen: 48.68 ng
RT: 11.05 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	54.9	61.2	91.8#
89	52.2	52.5	78.7#





#51

Acenaphthene

Concen: 53.34 ng

RT: 11.35 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

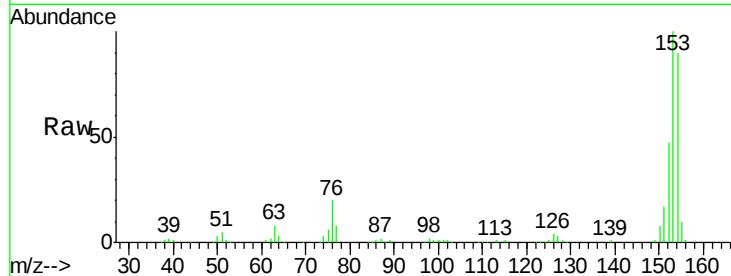
ClientSampleId :

PB80332BS

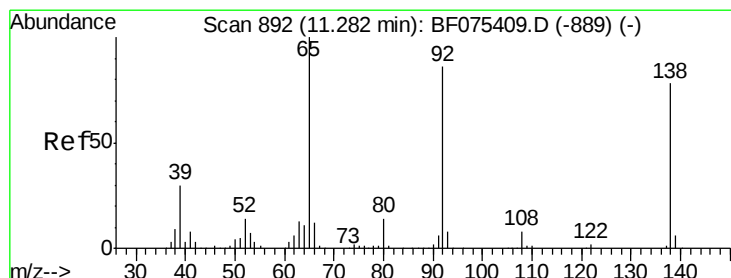
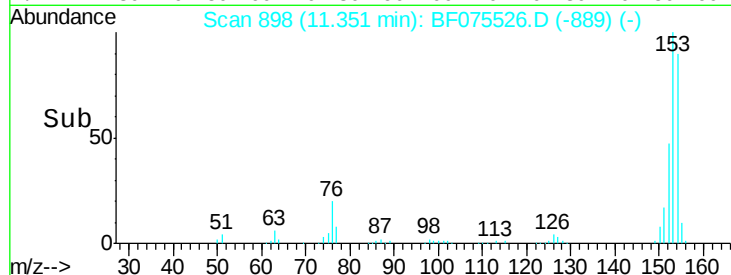
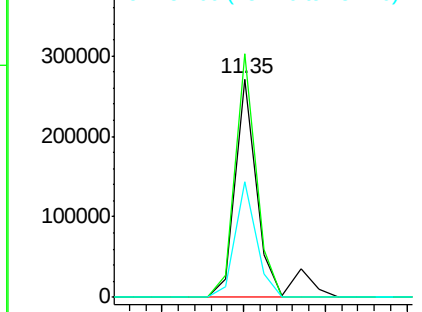
Tot Ion:	154	Resp:	271440
Ion Ratio	Lower	Upper	
154	100		
153	111.6	91.2	136.8
152	52.7	43.4	65.0

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



#52

3-Nitroaniline

Concen: 38.51 ng

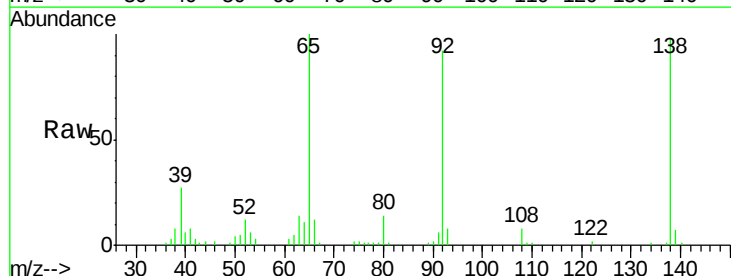
RT: 11.26 min Scan# 890

Delta R.T. 0.00 min

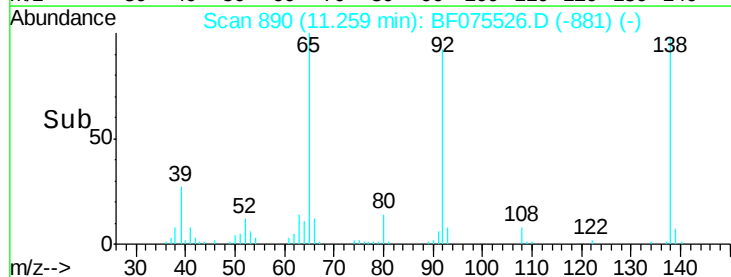
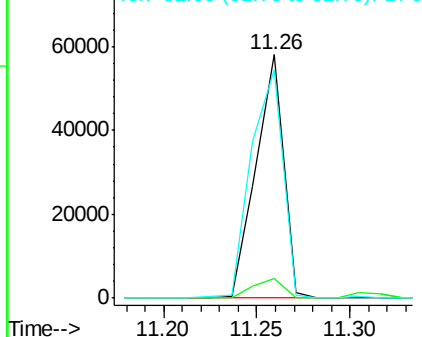
Lab File: BF075526.D

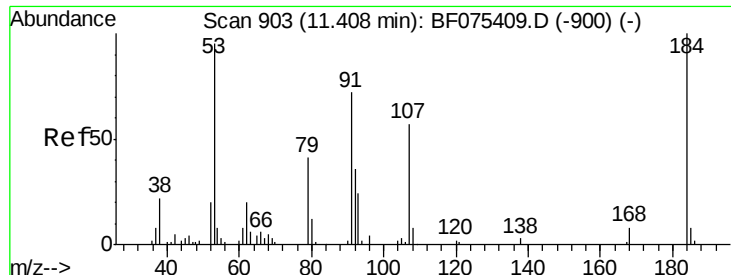
Acq: 15 Nov 2014 7:50

Tgt Ion:	138	Resp:	59277
Ion Ratio	Lower	Upper	
138	100		
108	8.3	10.2	15.2#
92	93.8	91.0	136.6



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





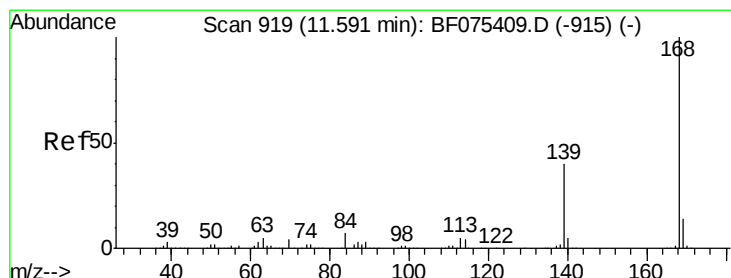
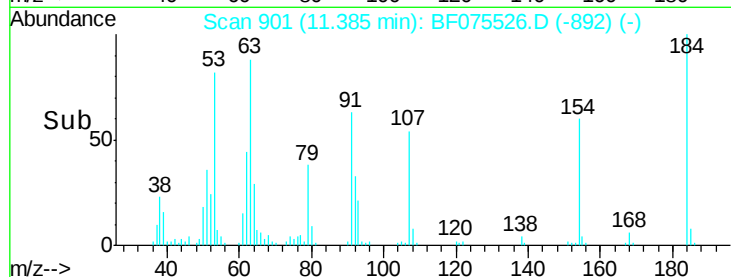
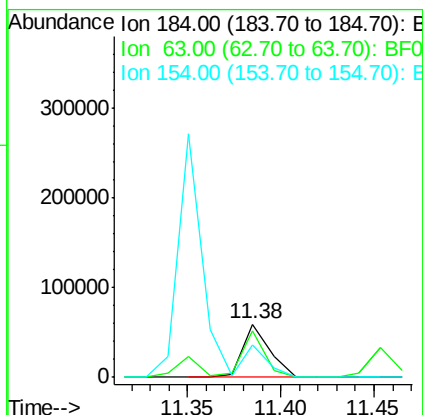
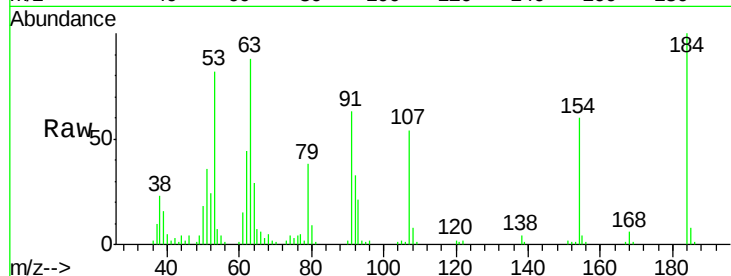
#53
2,4-Dinitrophenol
Concen: 80.70 ng
RT: 11.38 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	59258		
63	88.0	96.3	144.5	#
154	60.0	56.2	84.4	

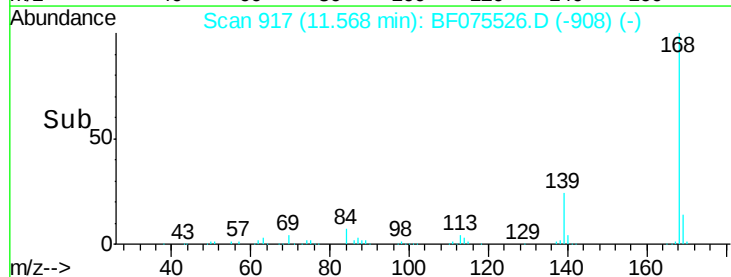
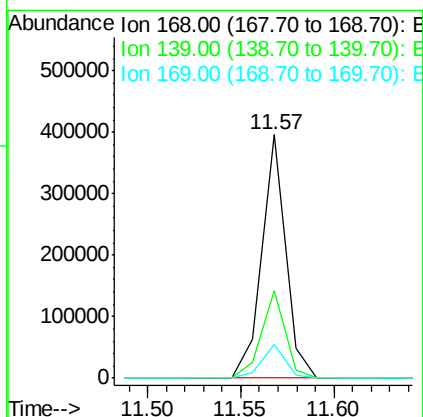
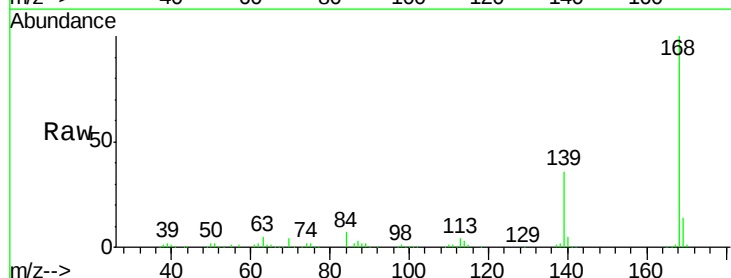
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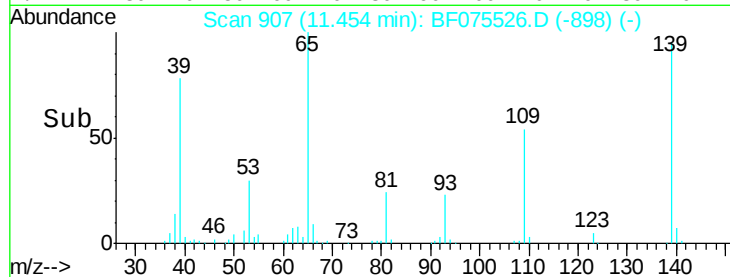
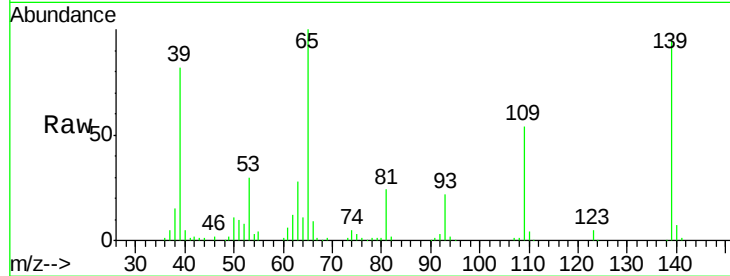
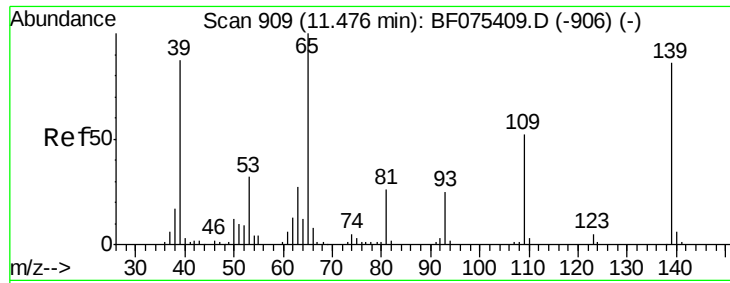
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#54
Dibenzofuran
Concen: 47.90 ng
RT: 11.57 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	348360		
139	36.2	33.0	49.4	
169	13.8	10.8	16.2	





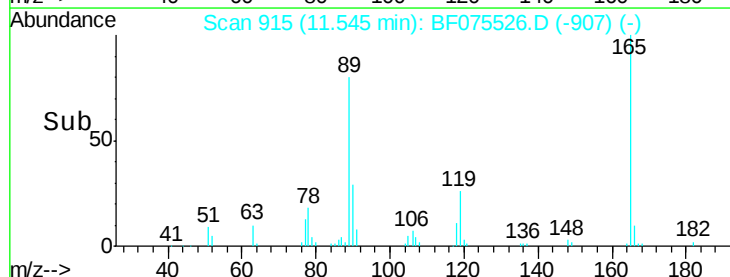
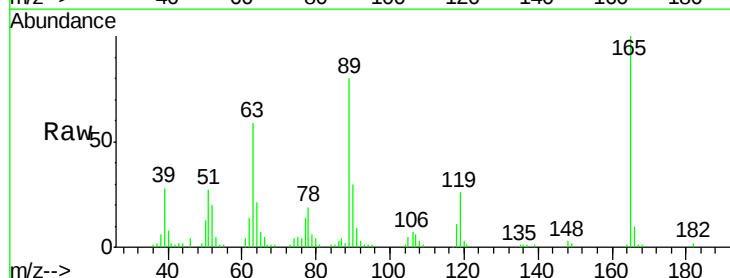
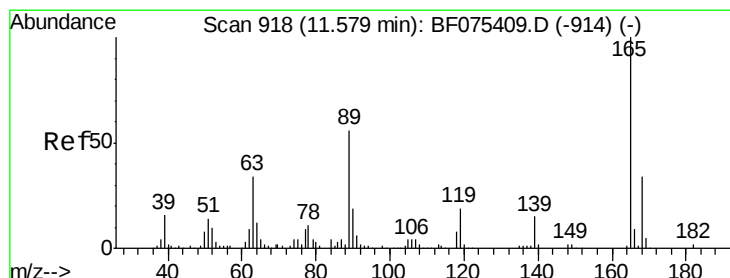
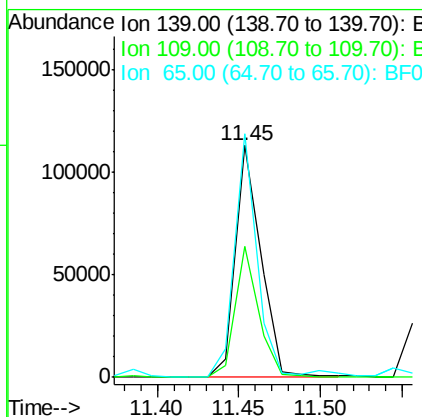
#55
4-Nitrophenol
Concen: 98.58 ng
RT: 11.45 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tot Ion	Ratio	Resp	Lower	Upper
139	100	121304		
109	56.5	45.8	85.8	
65	104.9	94.8	134.8	

Instrument :
BNA_F
ClientSampleId :
PB80332BS

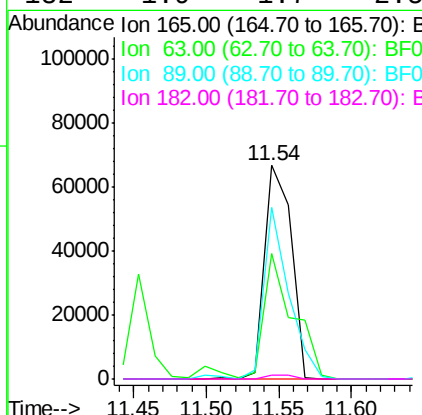
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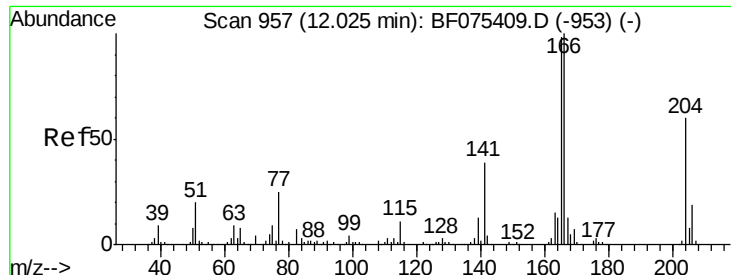
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#56
2,4-Dinitrotoluene
Concen: 49.66 ng
RT: 11.54 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	85177		
63	58.8	27.0	40.6#	
89	80.4	47.8	71.6#	
182	1.9	1.7	2.5	





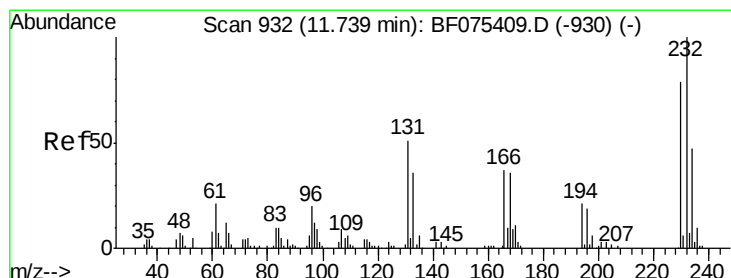
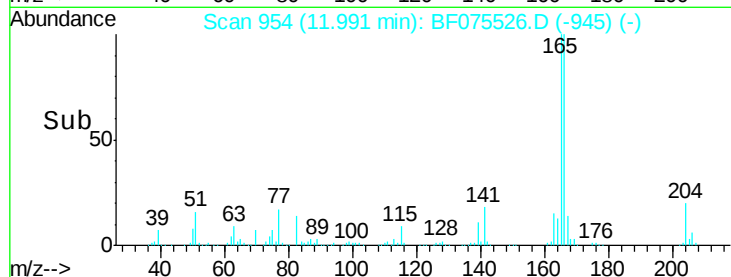
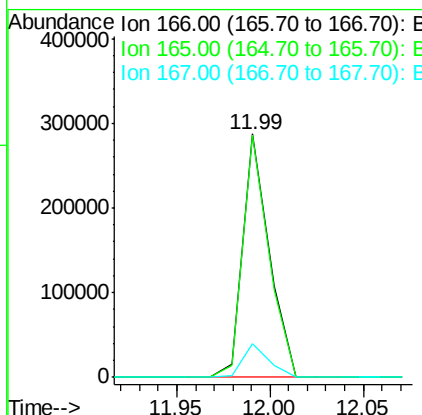
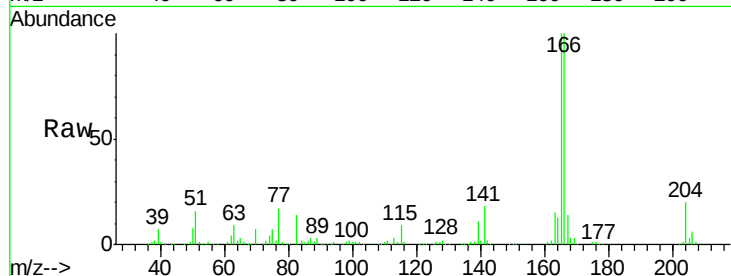
#57
 Fluorene
 Concen: 48.00 ng
 RT: 11.99 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Instrument :
 BNA_F
 ClientSampleId :
 PB80332BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	282342		
165	99.8	78.8	118.2	
167	14.0	10.6	15.8	

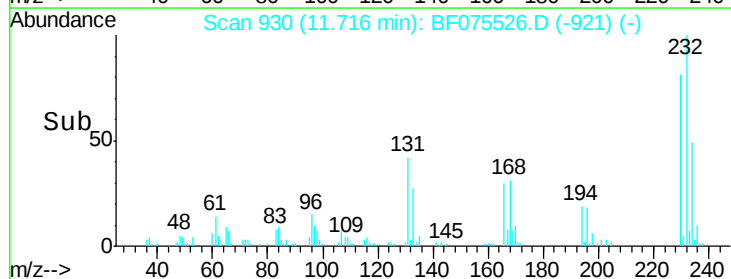
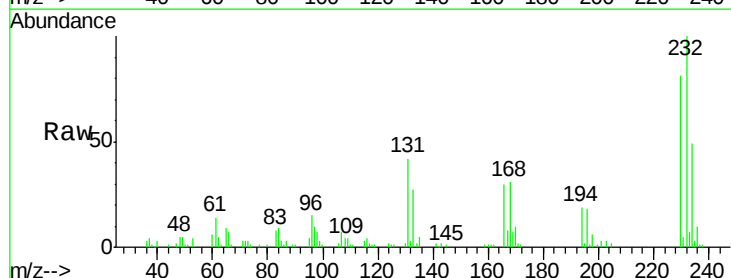
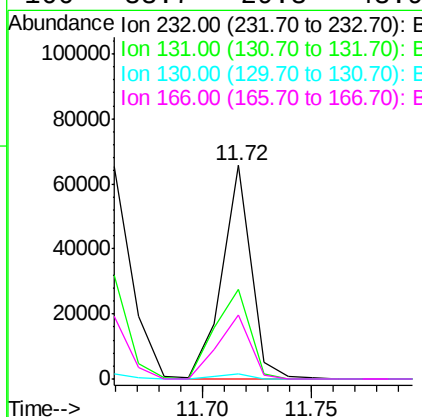
Manual Integrations
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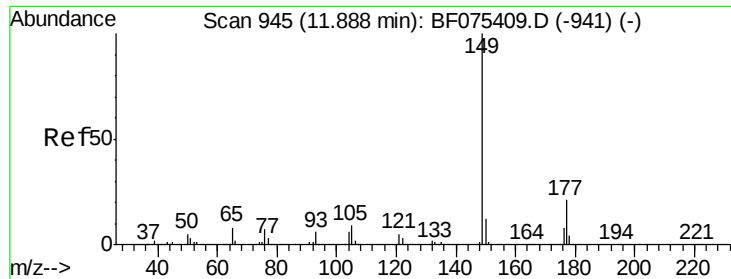
mohammad
 11/17/2014 7:36:10 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.50 ng
 RT: 11.72 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	60921		
131	50.3	44.6	67.0	
130	2.3	2.5	3.7#	
166	33.7	29.3	43.9	





#59

Diethylphthalate

Concen: 40.23 ng

RT: 11.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

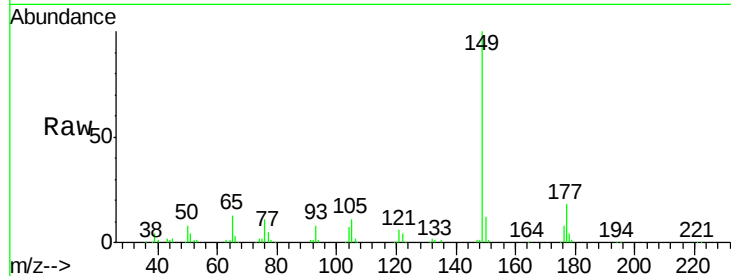
ClientSampled :

PB80332BS

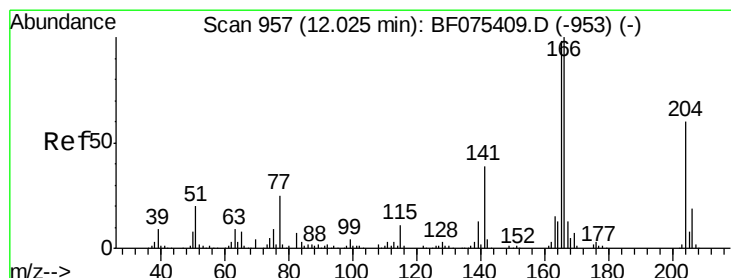
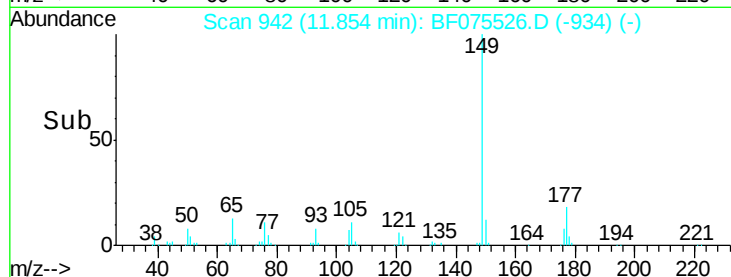
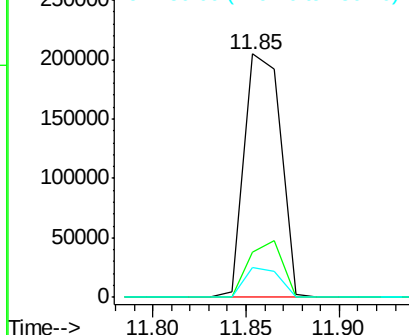
Tot Ion:	149	Resp:	276730
Ion Ratio	Lower	Upper	
149	100		
177	18.5	15.8	23.8
150	12.1	9.9	14.9

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



#60

4-Chlorophenyl-phenylether

Concen: 46.83 ng

RT: 12.00 min Scan# 955

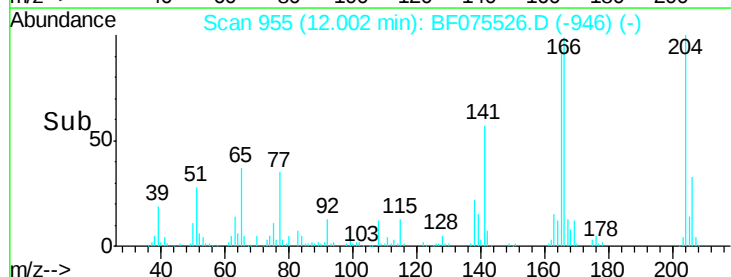
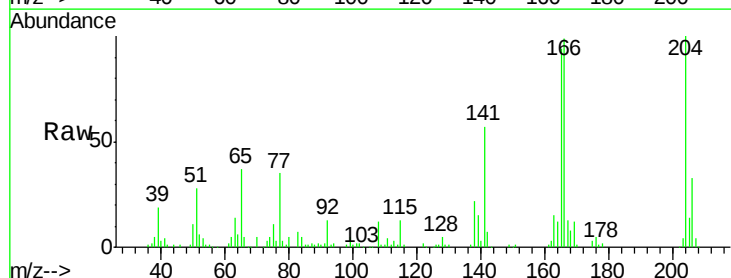
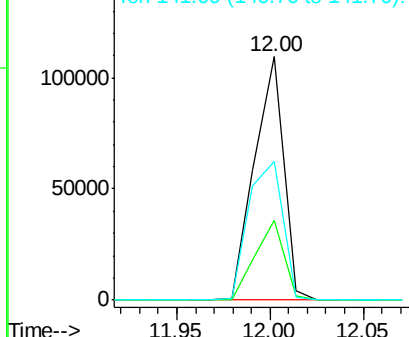
Delta R.T. 0.00 min

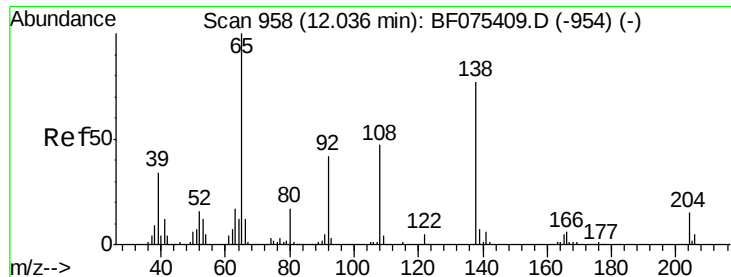
Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Tgt Ion:	204	Resp:	118443
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.1	37.7
141	56.7	58.6	87.8#

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





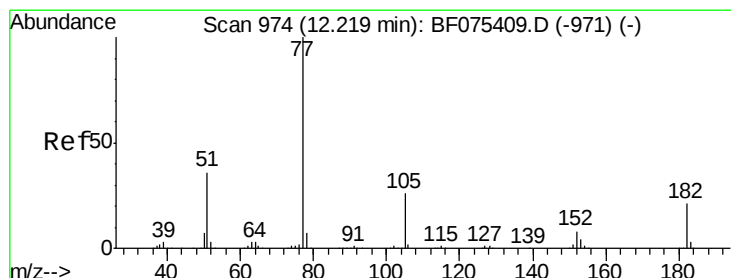
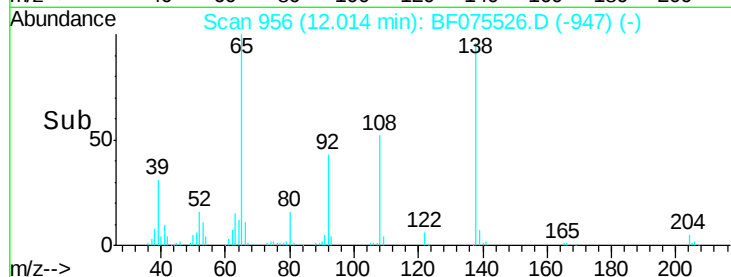
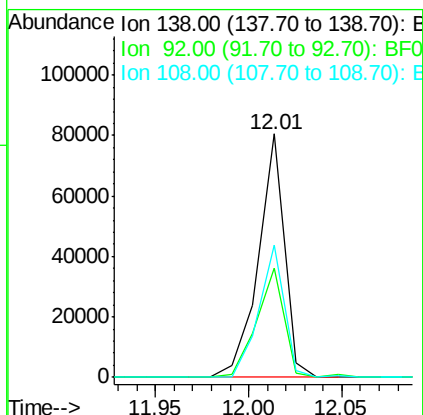
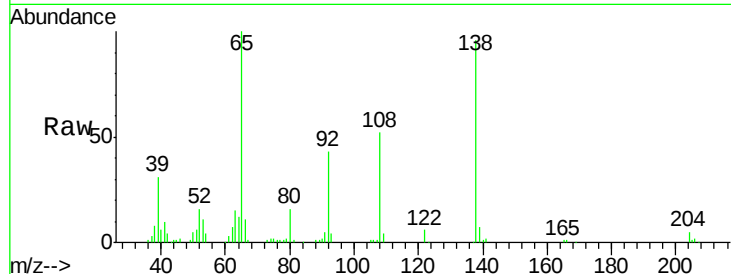
#61
4-Nitroaniline
Concen: 50.41 ng
RT: 12.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.9	34.8	74.8
108	54.1	50.6	90.6

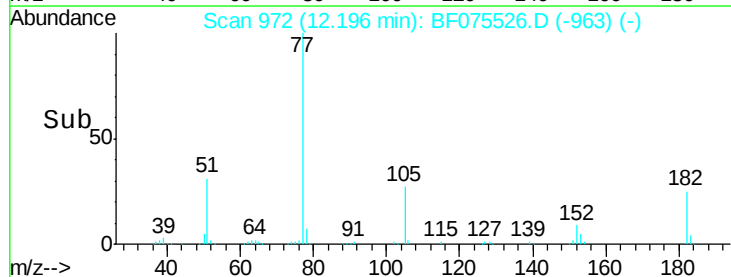
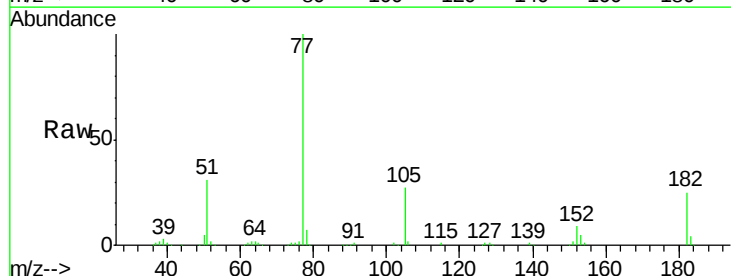
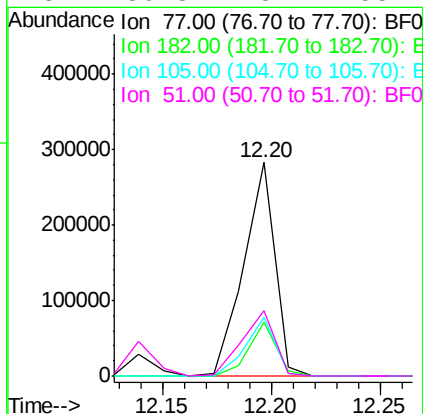
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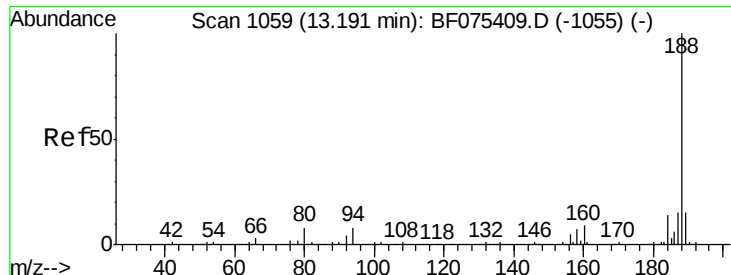
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#62
Azobenzene
Concen: 46.57 ng
RT: 12.20 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	0.0	37.1
105	27.4	3.7	43.7
51	30.8	18.7	58.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.16 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

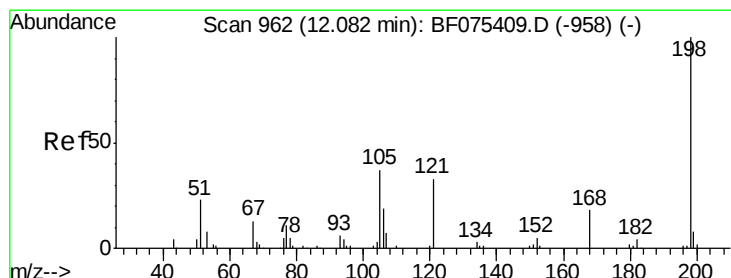
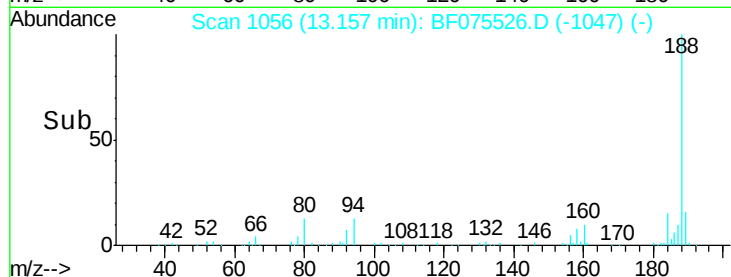
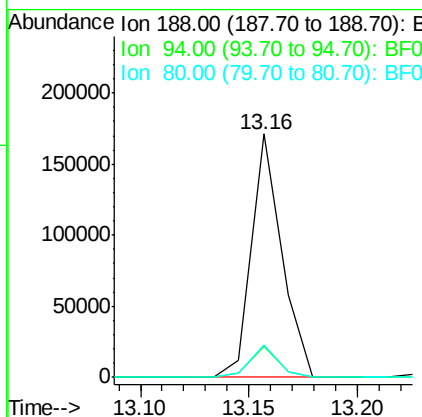
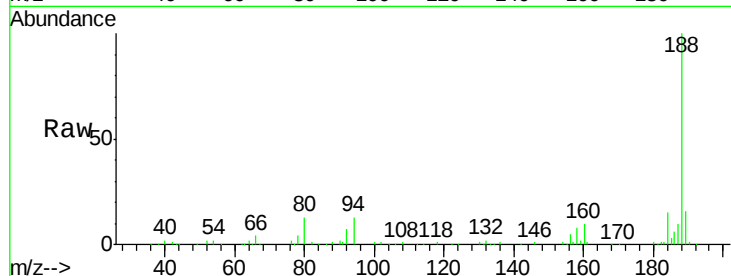
ClientSampleId :

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Tot Ion:	188	Resp:	166101
Ion Ratio	Lower	Upper	
188	100		
94	12.9	7.8	11.6#
80	13.2	8.0	12.0#

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.30 ng

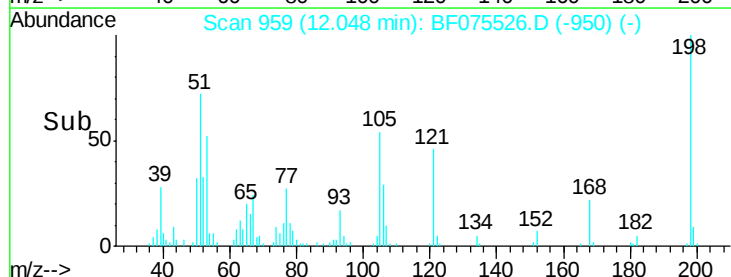
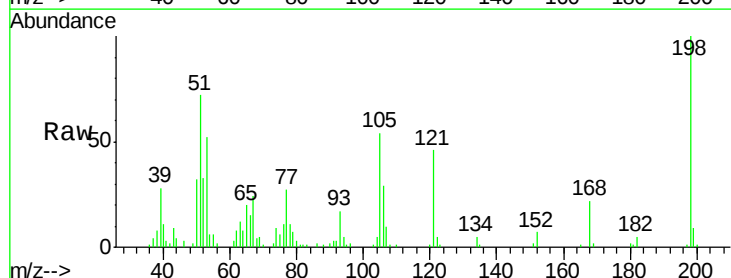
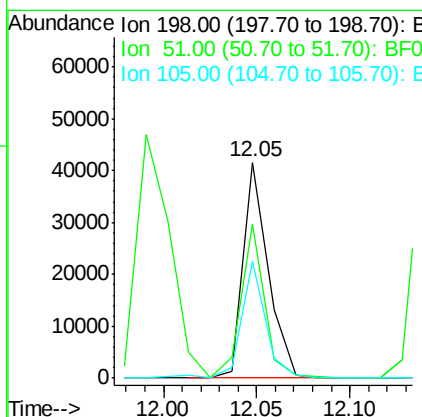
RT: 12.05 min Scan# 959

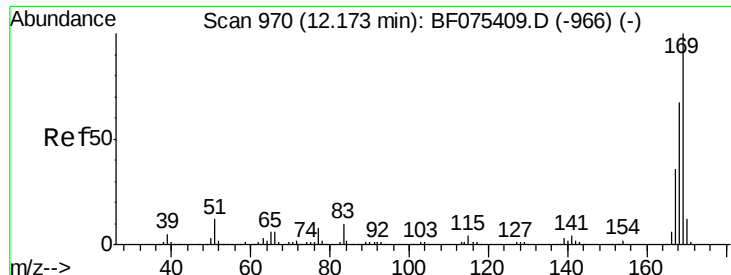
Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Tgt Ion:	198	Resp:	38902
Ion Ratio	Lower	Upper	
198	100		
51	71.6	26.0	66.0#
105	54.4	24.2	64.2





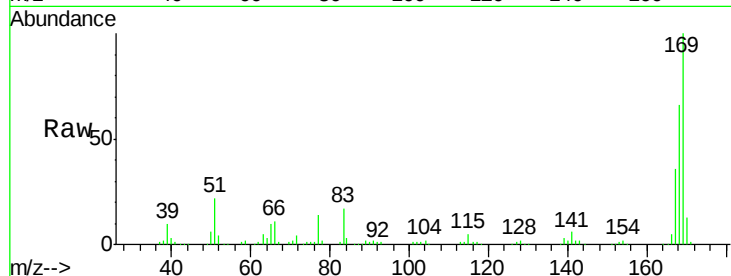
#65
n-Nitrosodiphenylamine
Concen: 44.87 ng
RT: 12.14 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

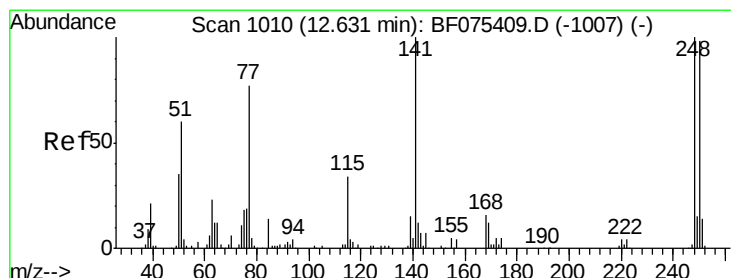
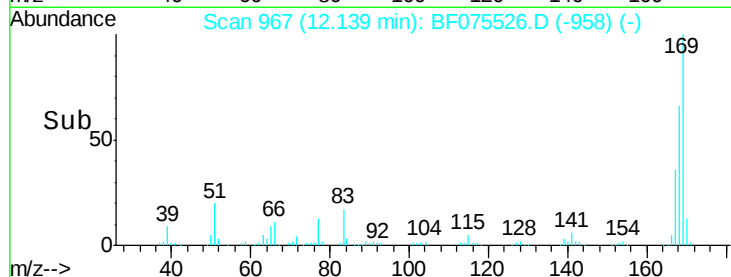
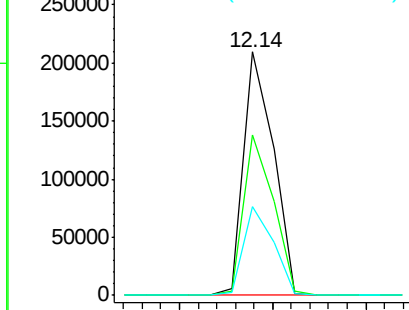
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		235748		
168	66.0	53.5	80.3		
167	36.2	29.8	44.6		

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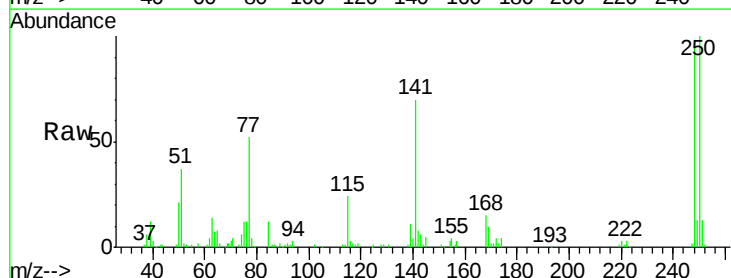


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

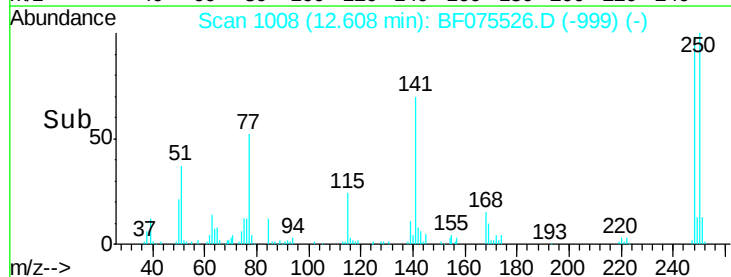
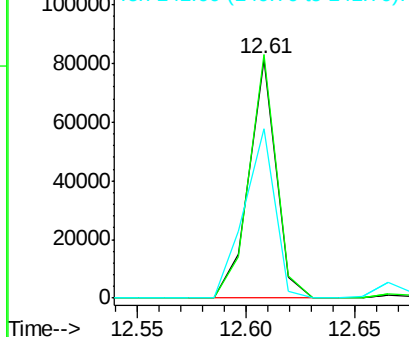


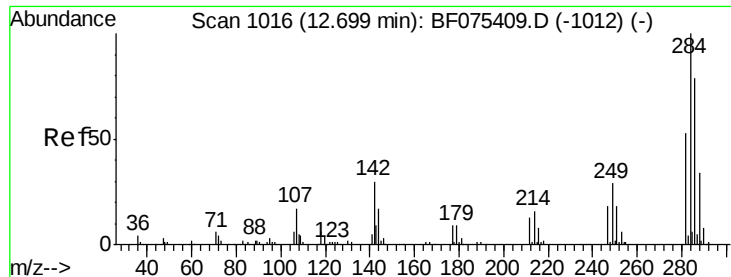
#66
4-Bromophenyl-phenylether
Concen: 45.48 ng
RT: 12.61 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		71068		
250	102.0	76.3	114.5		
141	71.2	44.3	66.5		



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





#67

Hexachlorobenzene

Concen: 46.19 ng

RT: 12.67 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

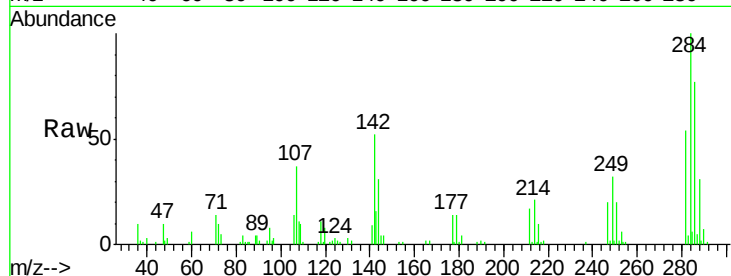
ClientSampleId :

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Tot Ion:	284	Resp:	81963
Ion Ratio	Lower	Upper	
284	100		
142	52.3	28.7	43.1#
249	31.9	24.1	36.1

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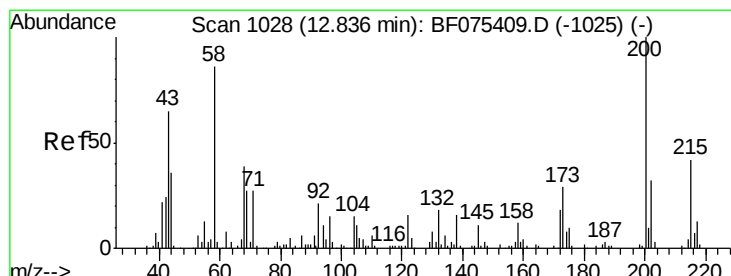
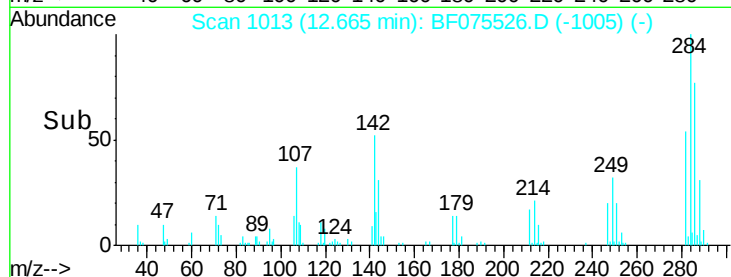
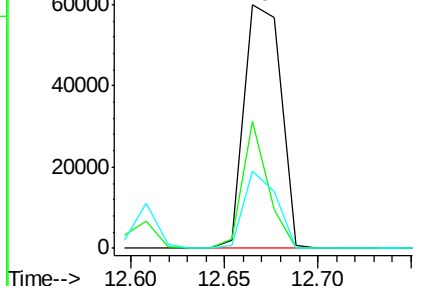
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.45 ng

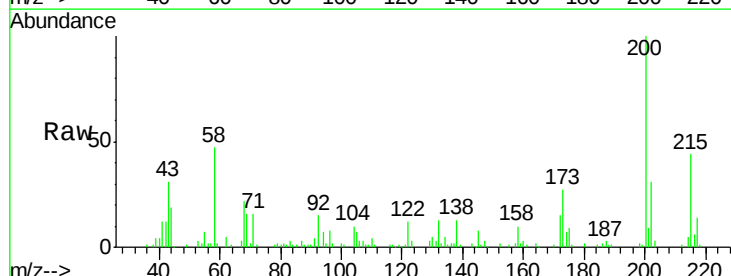
RT: 12.81 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

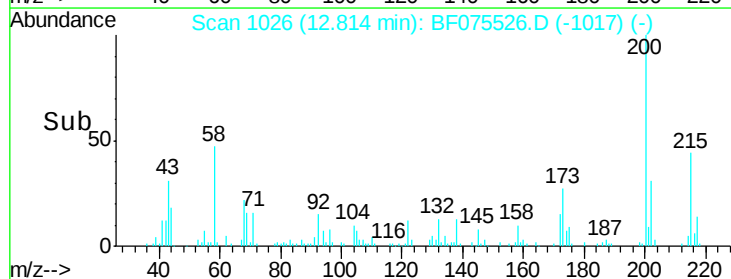
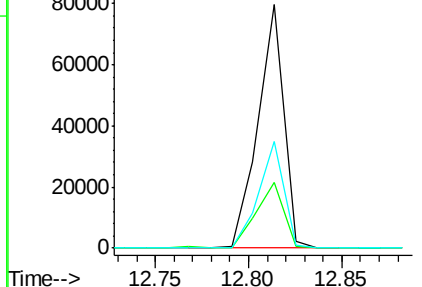
Tgt Ion:	200	Resp:	75729
Ion Ratio	Lower	Upper	
200	100		
173	26.8	12.3	52.3
215	43.7	23.8	63.8

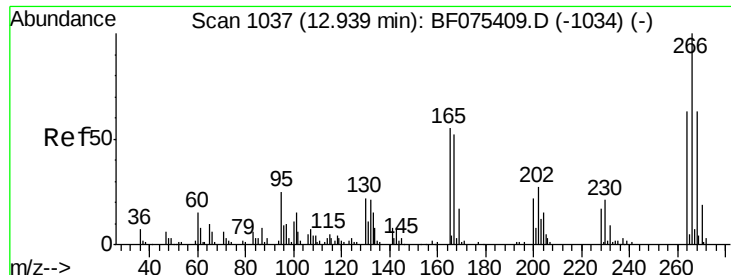


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





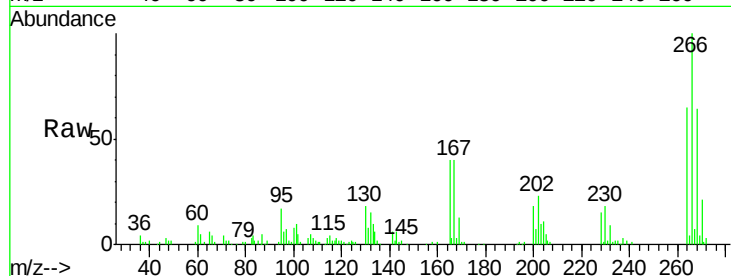
#69
 Pentachlorophenol
 Concen: 86.79 ng
 RT: 12.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Instrument :
 BNA_F
 ClientSampleID :
 PB80332BS

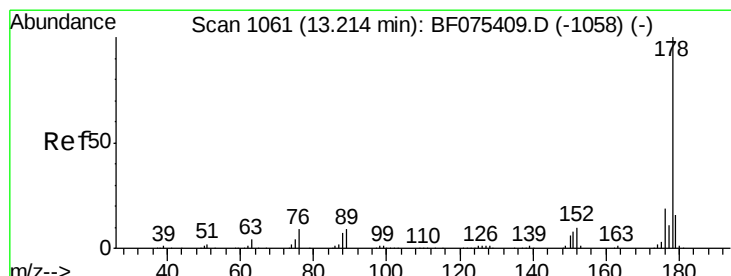
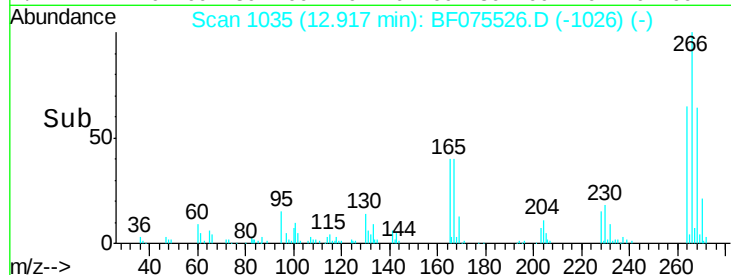
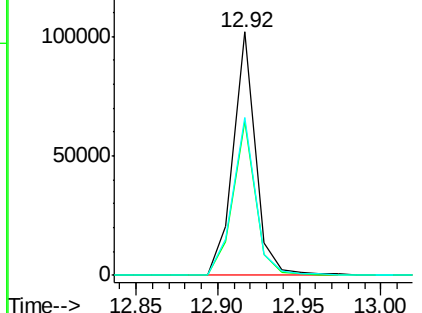
Tot Ion	Ratio	Resp	Lower	Upper
266	100	96666		
268	63.5	48.6	73.0	
264	64.8	52.1	78.1	

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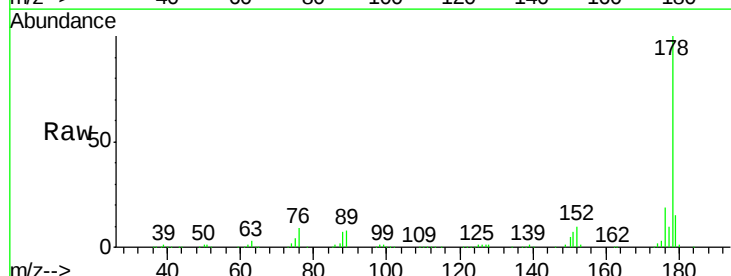


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

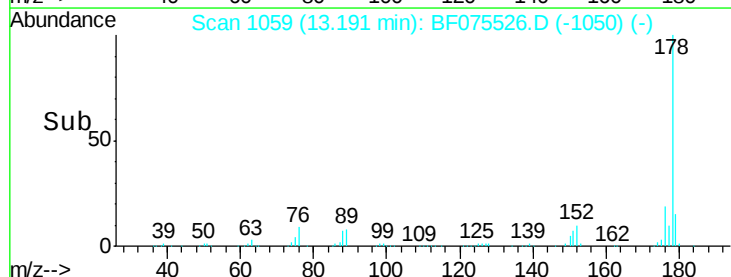
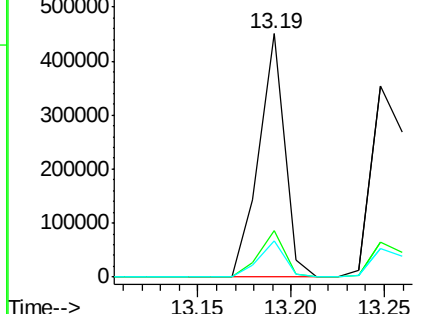


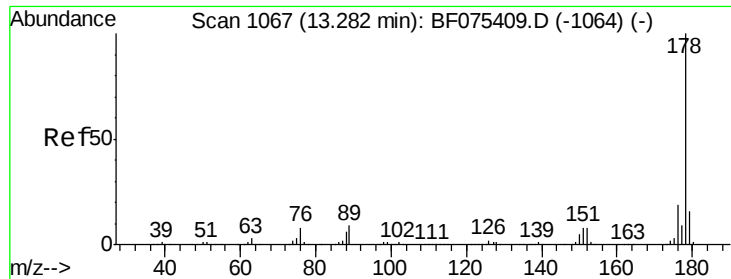
#70
 Phenanthrene
 Concen: 49.23 ng
 RT: 13.19 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	430315		
176	19.3	15.3	22.9	
179	15.1	12.2	18.4	



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





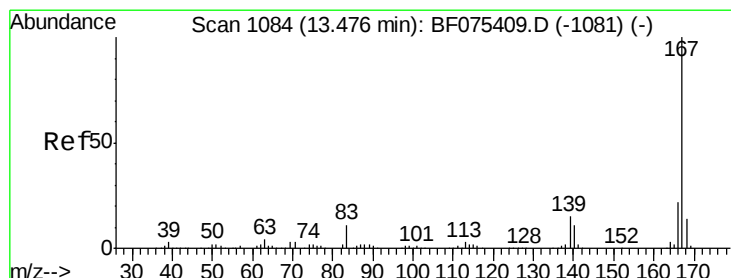
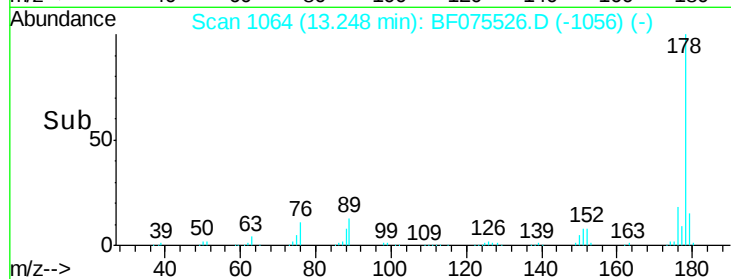
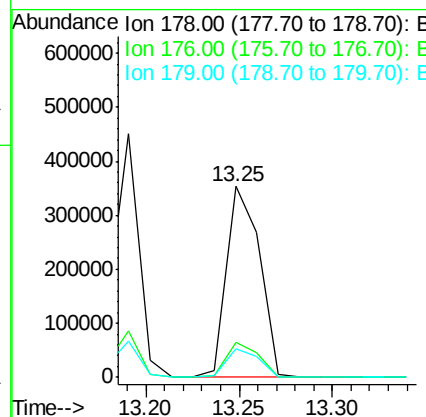
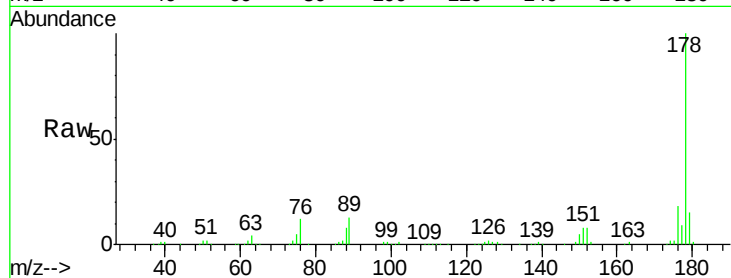
#71
 Anthracene
 Concen: 48.64 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Instrument :
 BNA_F
 ClientSampleId :
 PB80332BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	15.1	12.2	18.2

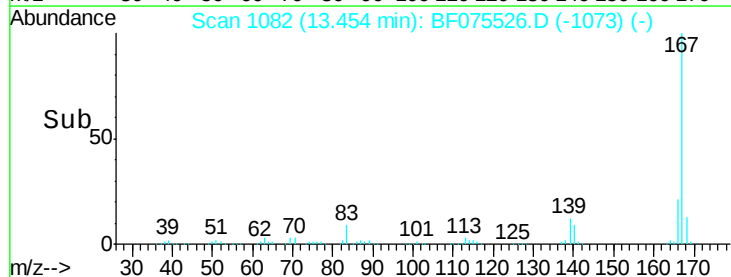
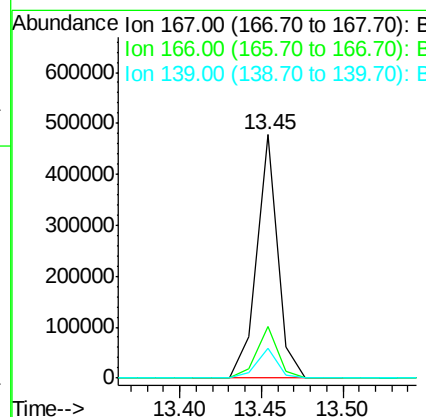
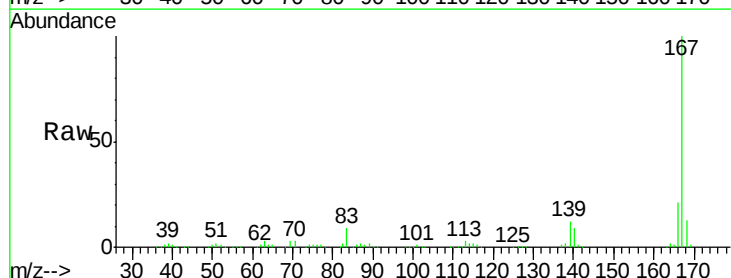
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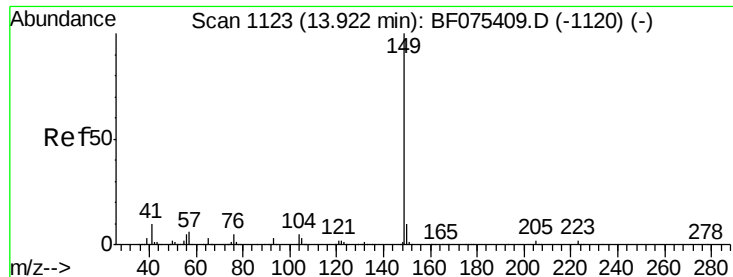
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#72
 Carbazole
 Concen: 48.27 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	12.5	10.1	15.1





#73

Di-n-butylphthalate

Concen: 38.91 ng

RT: 13.90 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

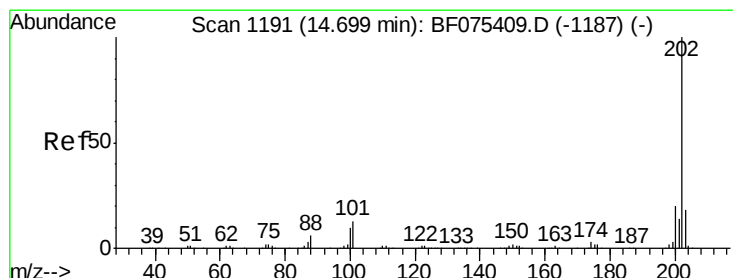
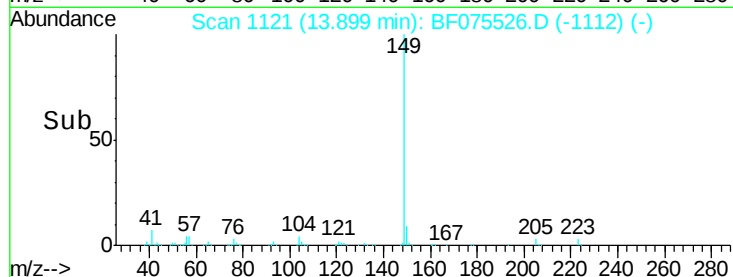
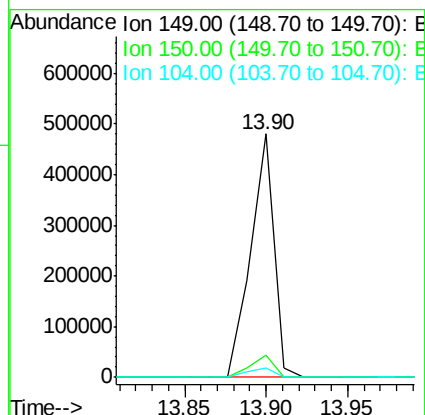
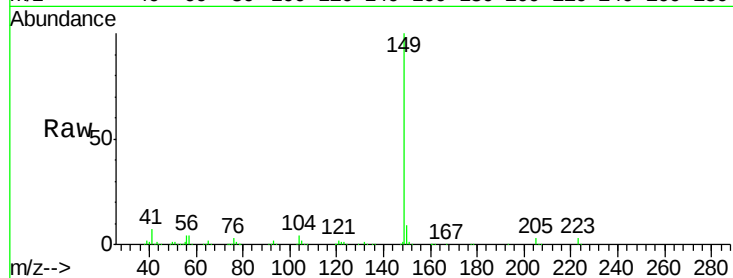
ClientSampleId :

PB80332BS

Tot Ion:	149	Resp:	475212
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.3	10.9
104	3.9	3.1	4.7

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#74

Fluoranthene

Concen: 48.26 ng

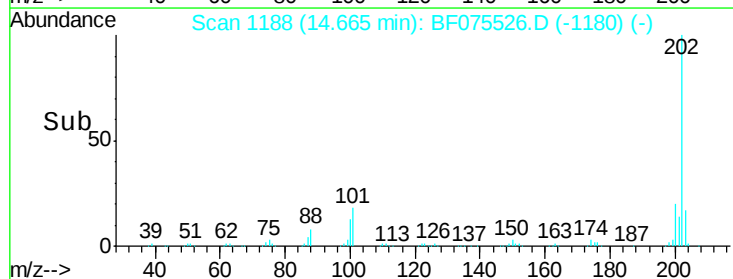
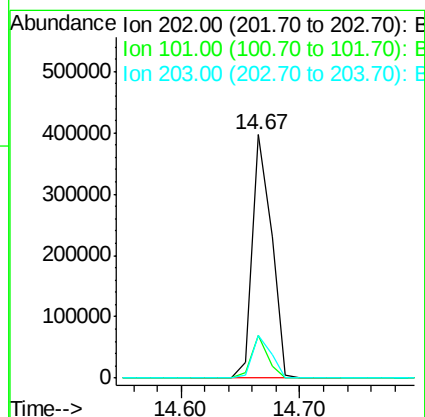
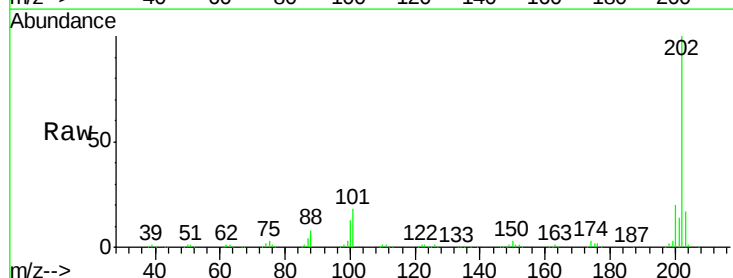
RT: 14.67 min Scan# 1188

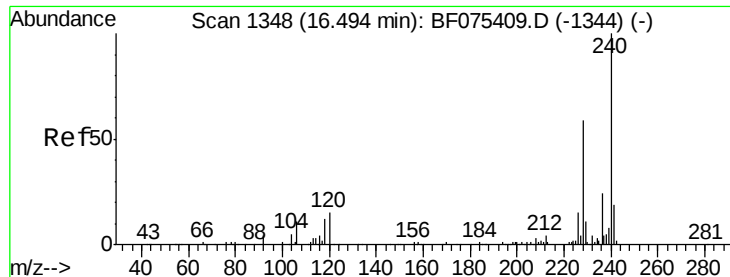
Delta R.T. -0.01 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Tgt Ion:	202	Resp:	451815
Ion Ratio	Lower	Upper	
202	100		
101	17.6	0.0	36.6
203	17.4	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

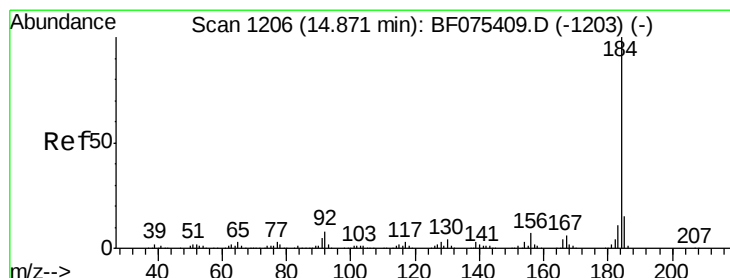
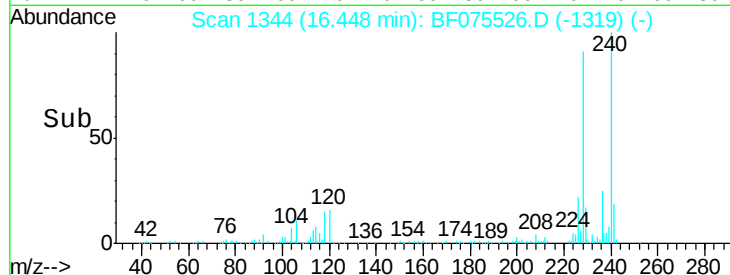
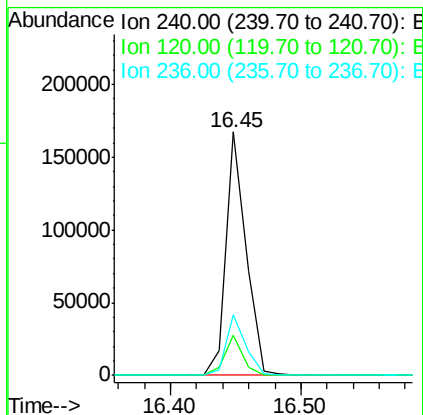
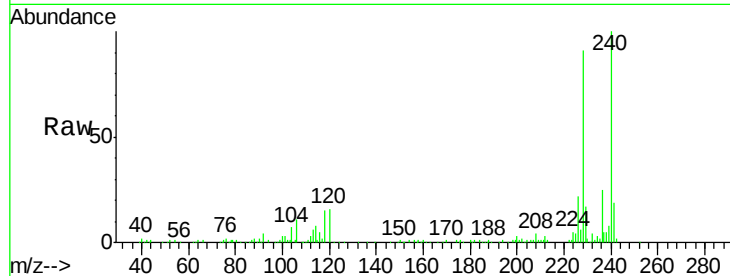
ClientSampleId :

PB80332BS

Tot Ion:	240	Resp:	179158
Ion Ratio	Lower	Upper	
240	100		
120	16.5	9.6	14.4#
236	24.9	18.9	28.3

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#76

Benzidine

Concen: 41.06 ng

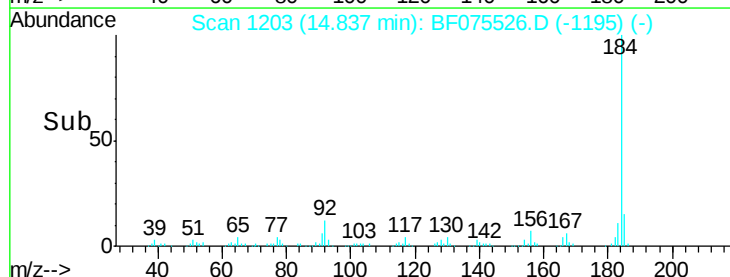
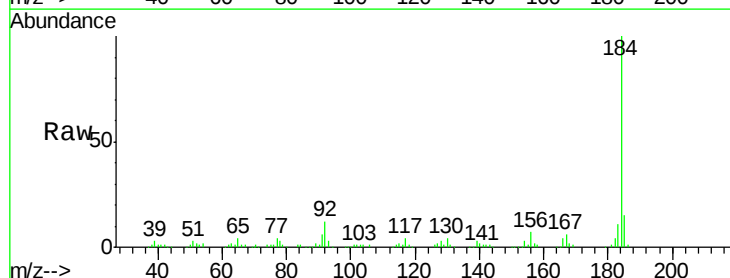
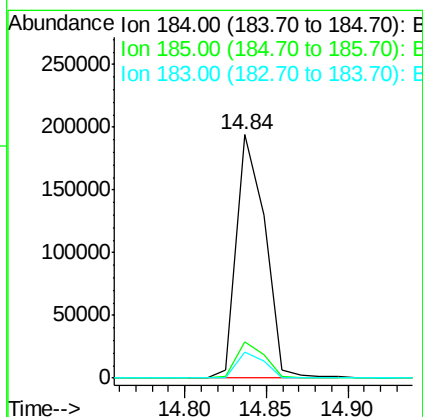
RT: 14.84 min Scan# 1203

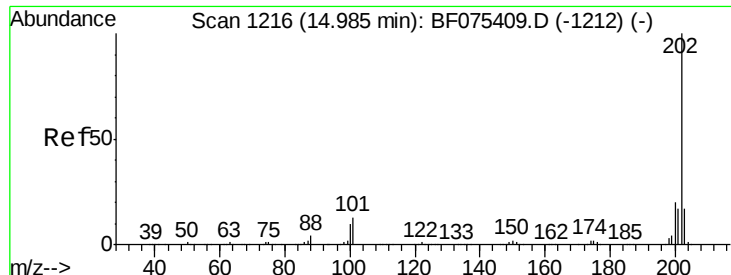
Delta R.T. -0.01 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Tgt Ion:	184	Resp:	233894
Ion Ratio	Lower	Upper	
184	100		
185	15.0	10.9	16.3
183	10.9	8.7	13.1





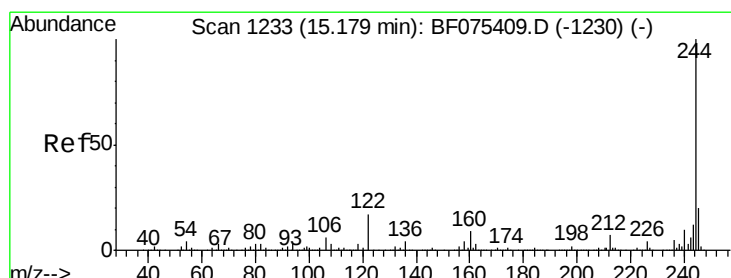
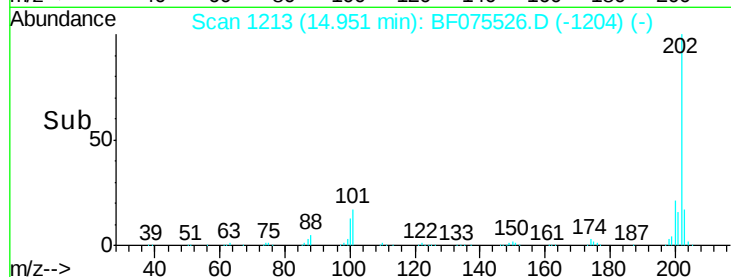
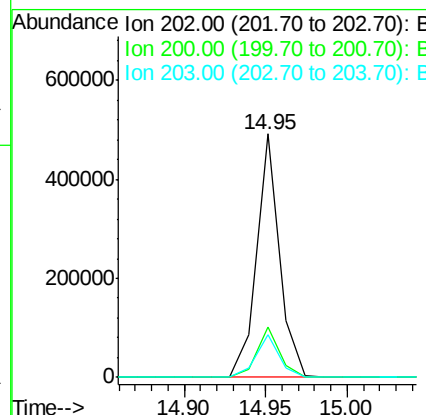
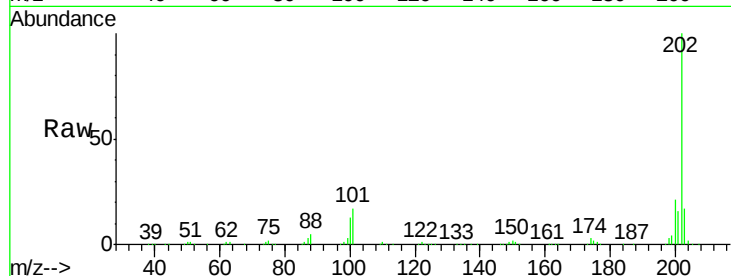
#77
Pvrene
Concen: 45.88 ng
RT: 14.95 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.4	14.3	21.5

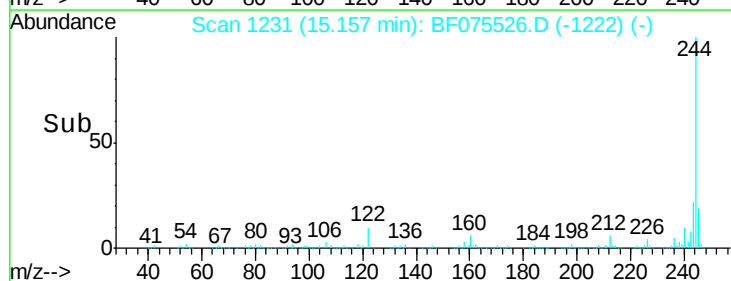
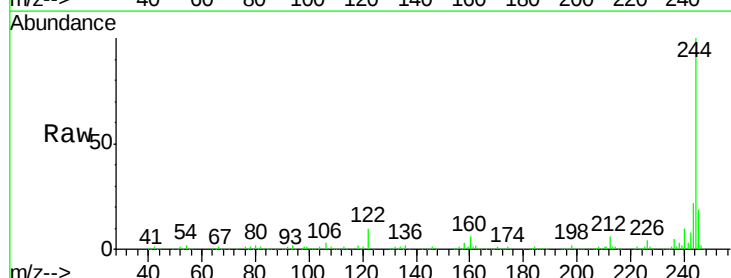
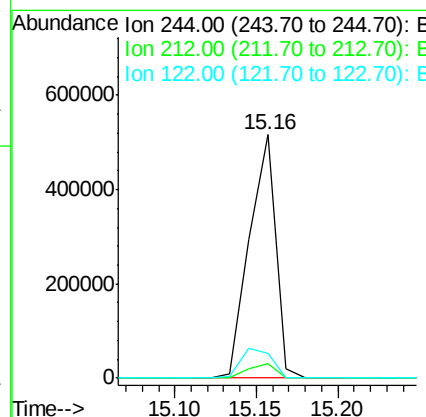
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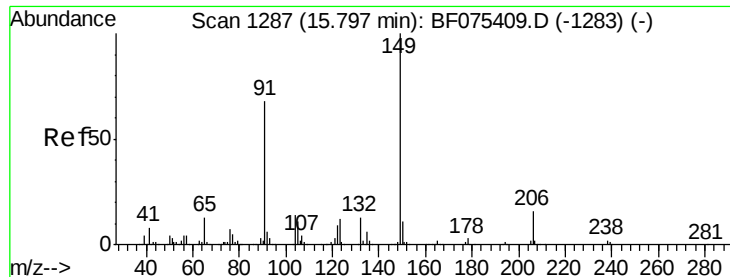
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#78
Terphenyl-d14
Concen: 86.36 ng
RT: 15.16 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.0	5.5	8.3
122	10.3	9.7	14.5





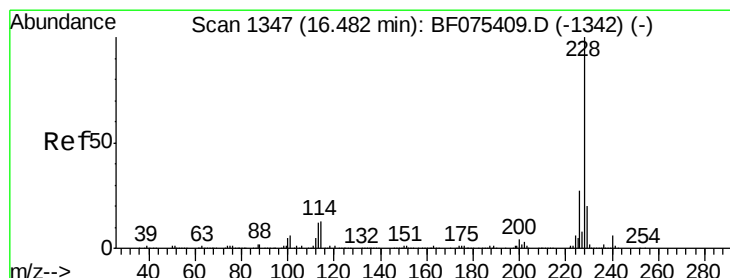
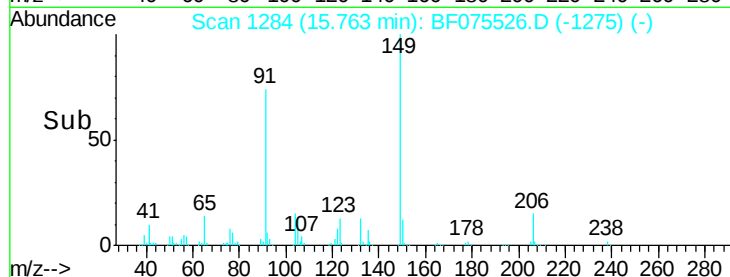
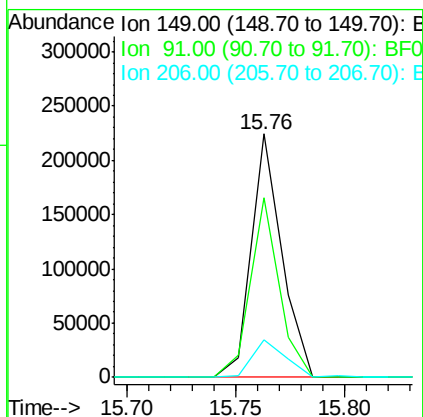
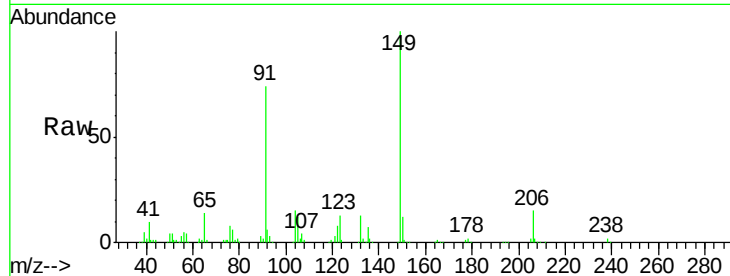
#79
Butylbenzylphthalate
Concen: 37.50 ng
RT: 15.76 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		219366		
91	73.9	49.0		73.4#	
206	15.5	15.5		23.3#	

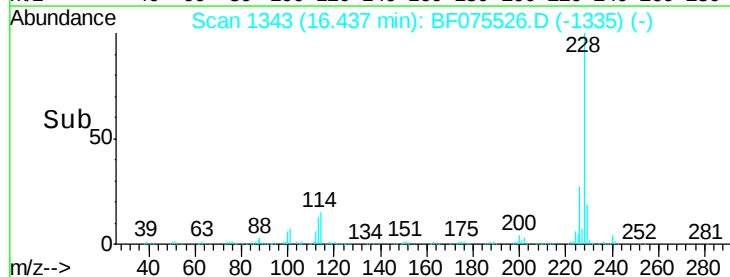
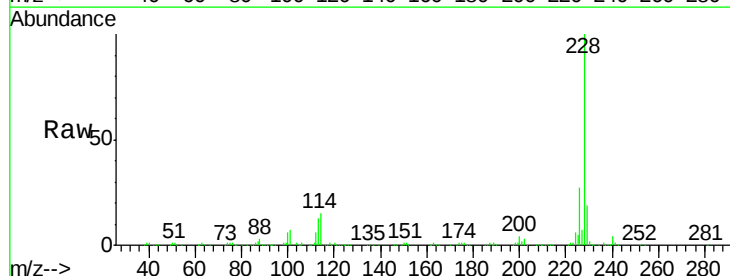
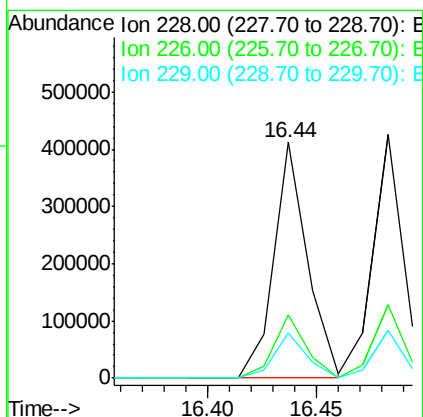
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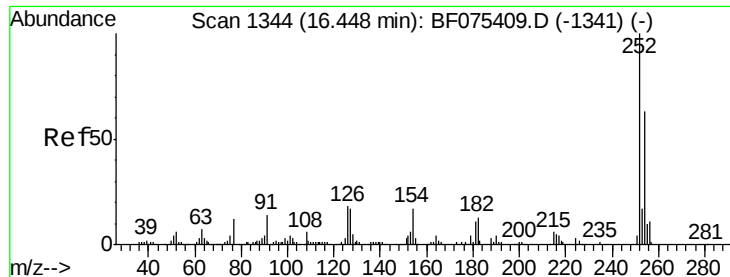
mohammad
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#80
Benzo(a)anthracene
Concen: 47.28 ng
RT: 16.44 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		444980		
226	26.7	21.8		32.8	
229	19.4	15.3		22.9	





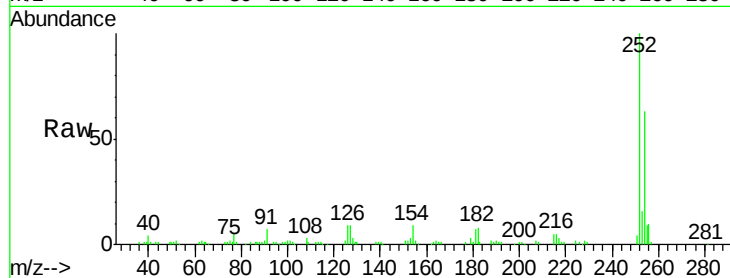
#81
 3,3'-Dichlorobenzidine
 Concen: 22.89 ng
 RT: 16.41 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Instrument :
 BNA_F
 ClientSampleId :
 PB80332BS

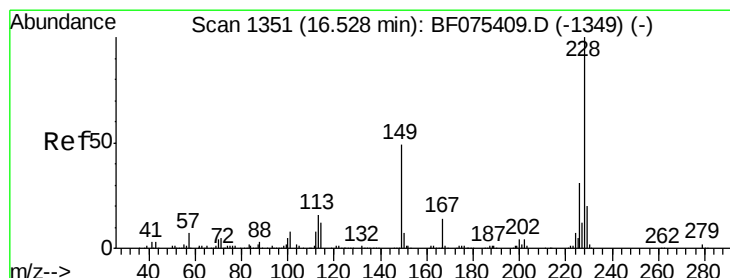
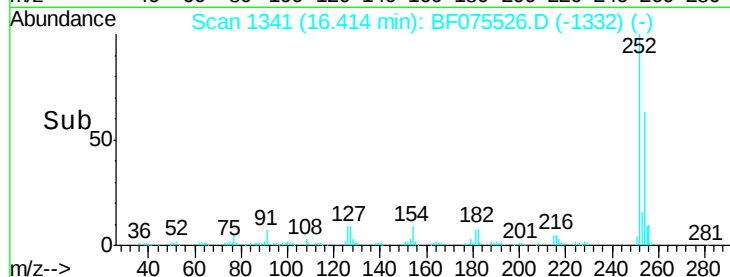
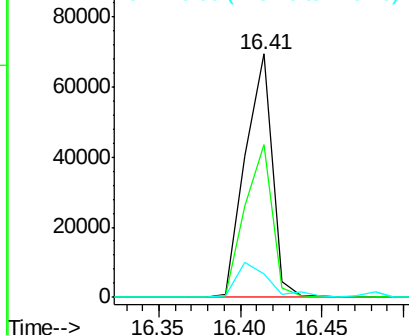
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.8	50.0	75.0
126	9.5	16.0	24.0

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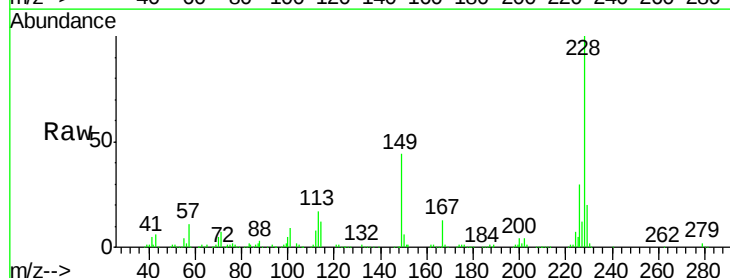


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

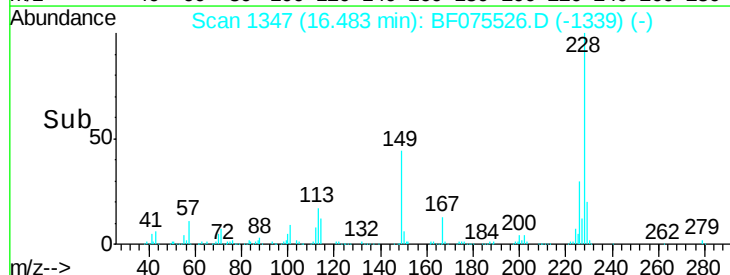
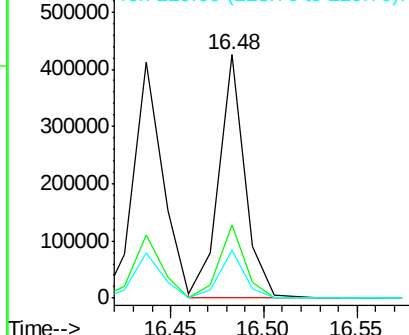


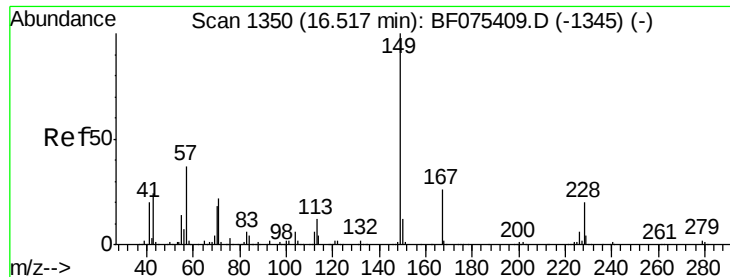
#82
 Chrysene
 Concen: 50.57 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.1	23.8	35.6
229	19.6	15.8	23.6



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





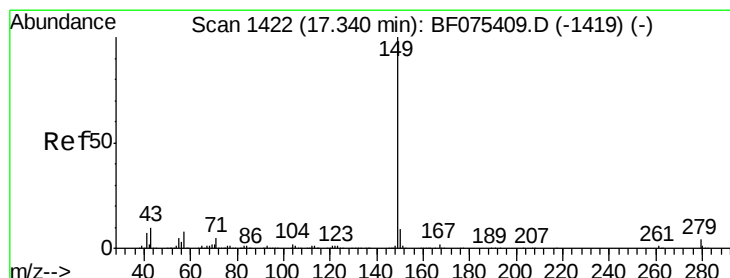
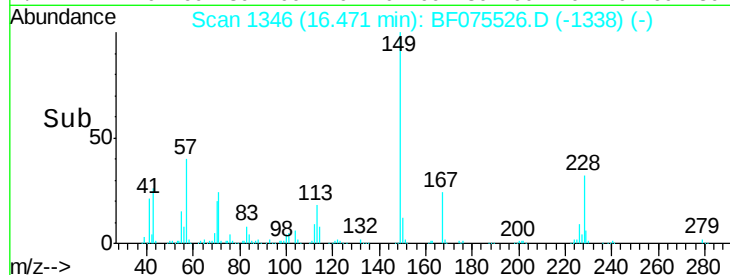
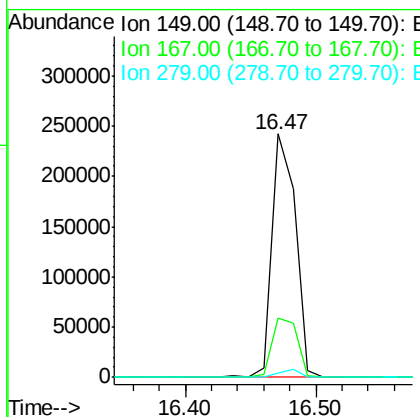
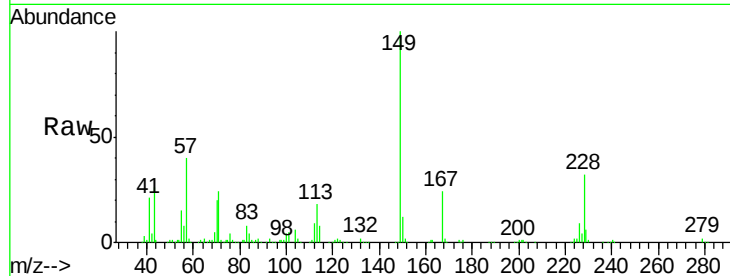
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.44 ng
 RT: 16.47 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Instrument :
 BNA_F
 ClientSampleId :
 PB80332BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	308144		
167	24.5	21.4	32.2	
279	2.0	2.8	4.2	

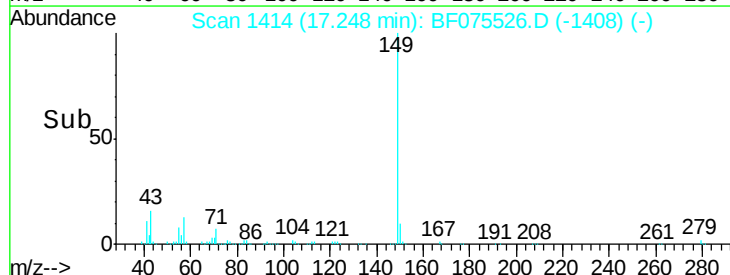
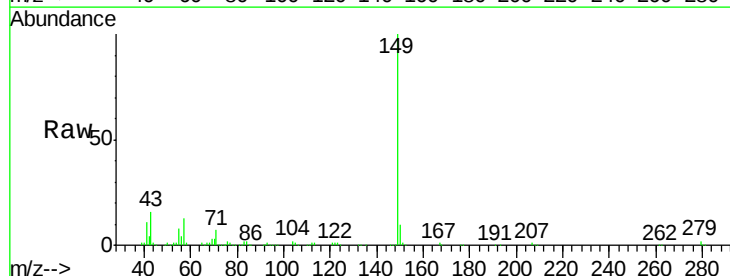
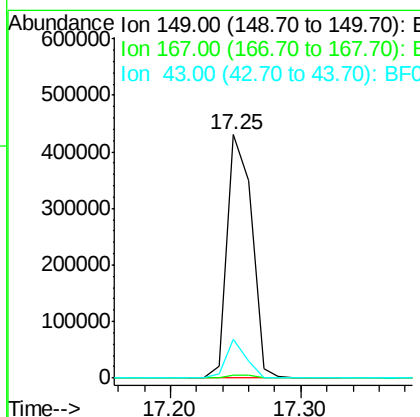
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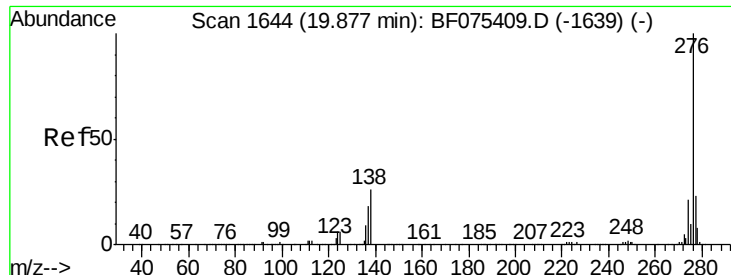
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 34.86 ng
 RT: 17.25 min Scan# 1414
 Delta R.T. -0.03 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	565346		
167	1.4	1.1	1.7	
43	12.9	11.0	16.4	





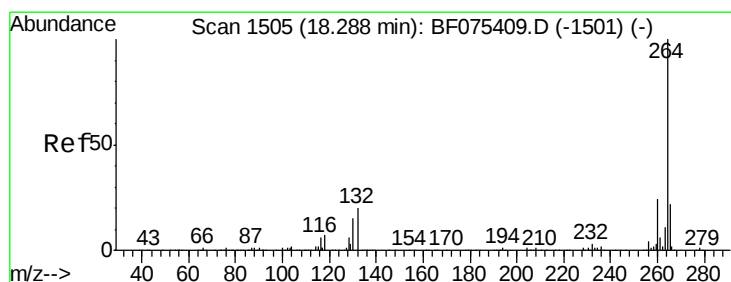
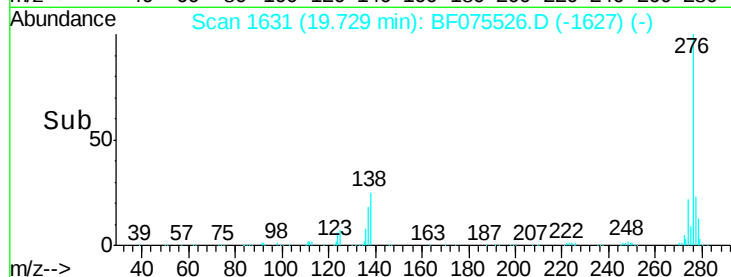
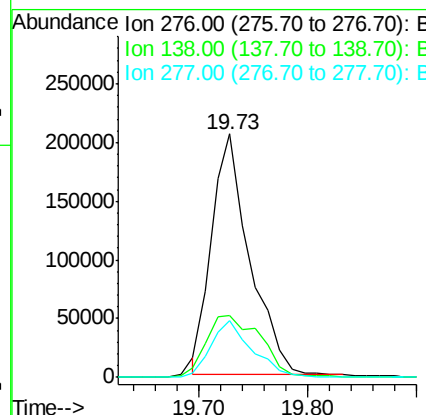
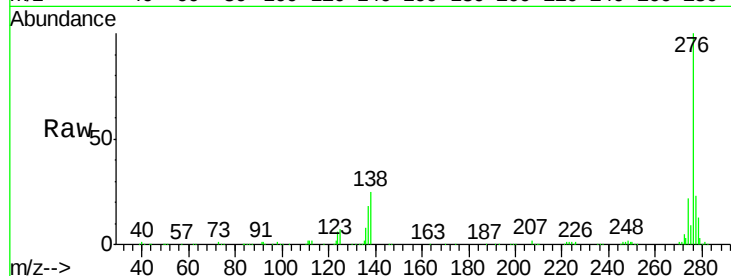
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.68 ng
RT: 19.73 min Scan# 1631
Delta R.T. -0.06 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	34.3	0.0	0.0#
277	24.3	0.0	0.0#

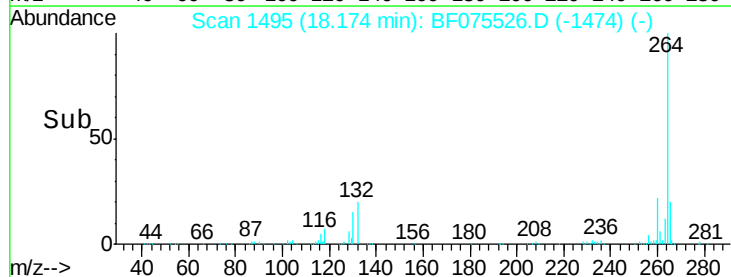
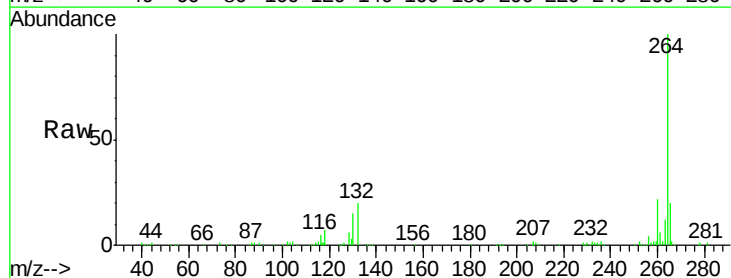
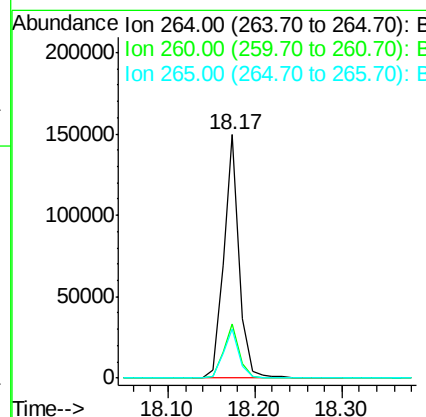
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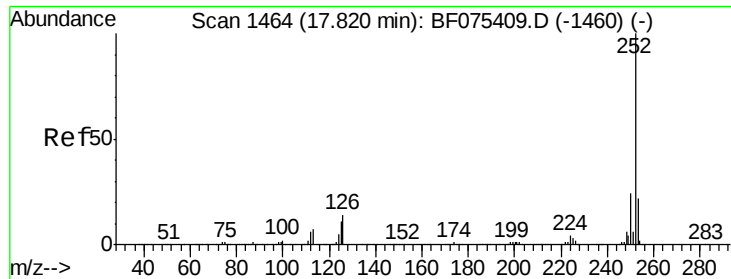
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.17 min Scan# 1495
Delta R.T. -0.06 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.4	17.9	26.9
265	20.0	16.3	24.5





#87

Benzo(b)fluoranthene

Concen: 46.71 ng

RT: 17.72 min Scan# 1455

Delta R.T. -0.05 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Instrument :

BNA_F

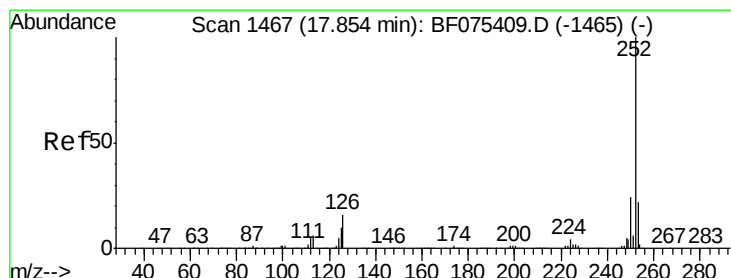
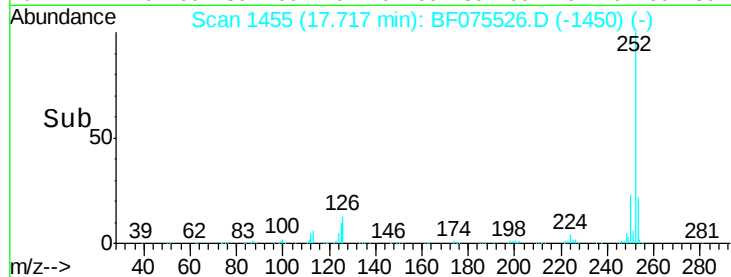
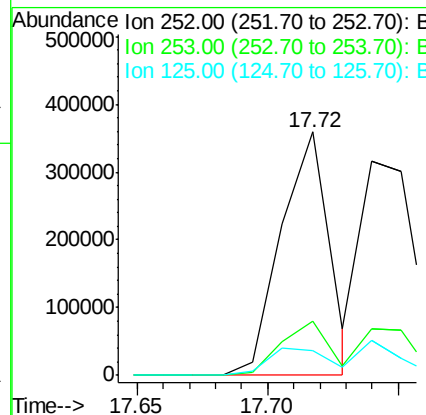
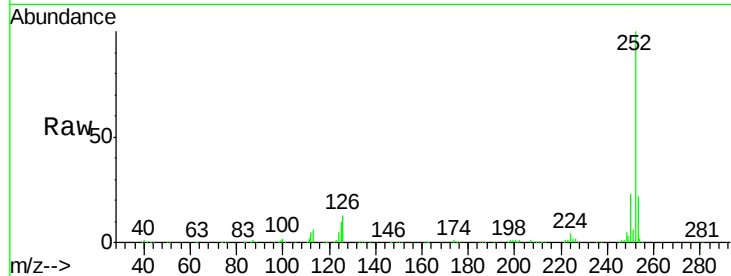
ClientSampleId :

PB80332BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	460956		
253	22.2	17.7	26.5	
125	10.0	11.8	17.6	

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 50.53 ng m

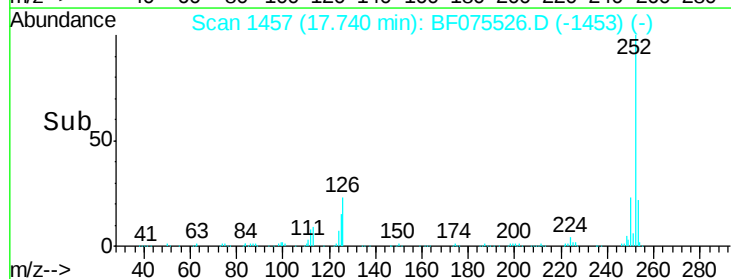
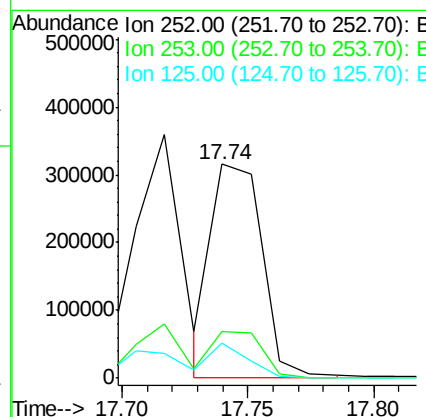
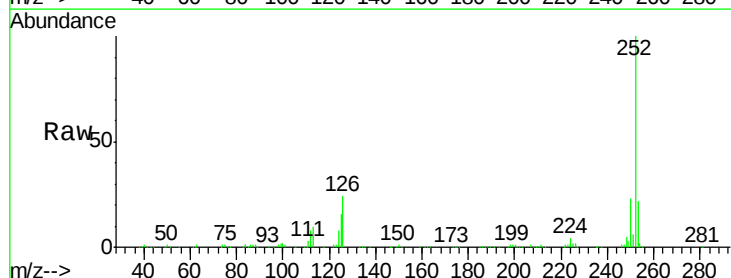
RT: 17.74 min Scan# 1457

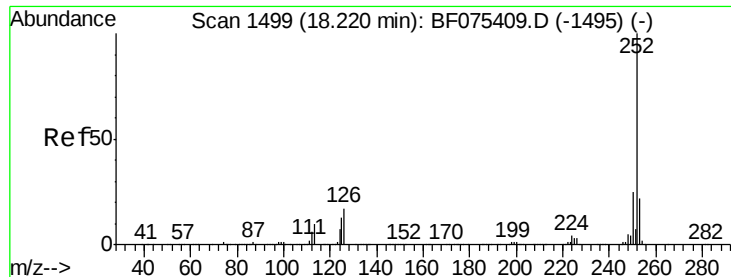
Delta R.T. -0.06 min

Lab File: BF075526.D

Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	447554		
253	21.8	18.1	27.1	
125	16.5	11.6	17.4	





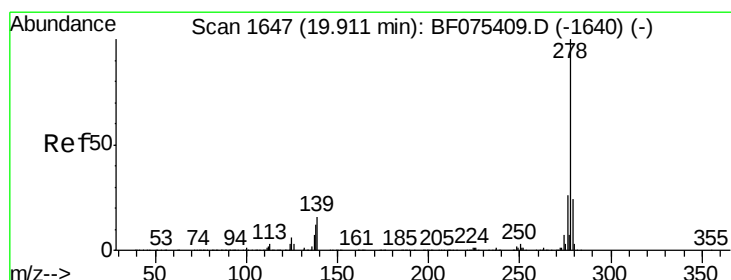
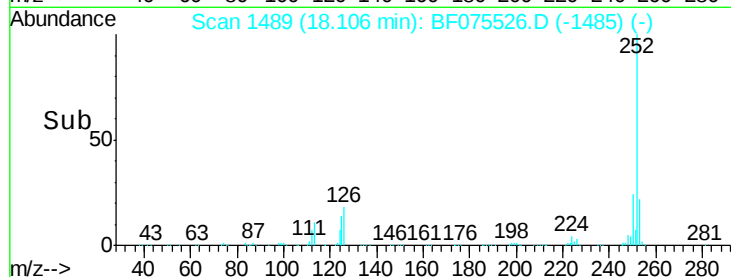
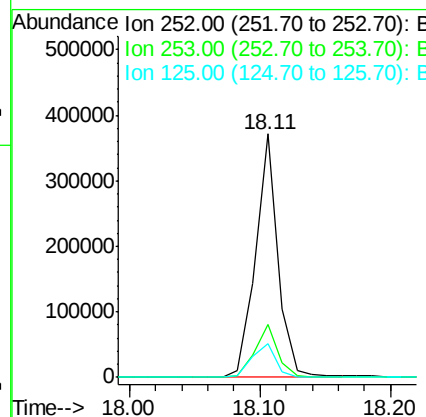
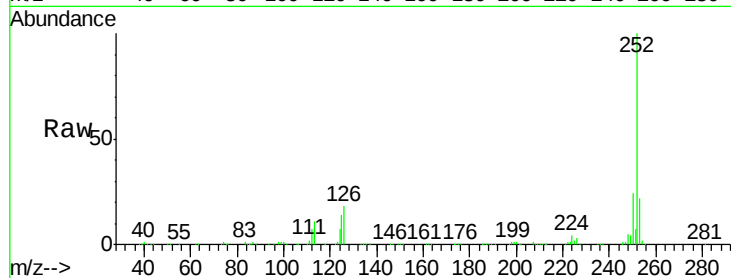
#89
Benzo(a)pyrene
Concen: 50.58 ng
RT: 18.11 min Scan# 1489
Delta R.T. -0.06 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Instrument :
BNA_F
ClientSampleId :
PB80332BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.0	12.2	18.4

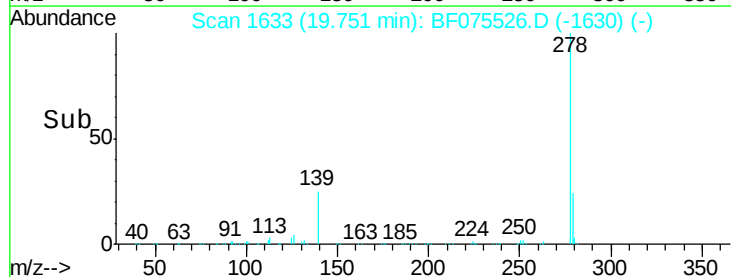
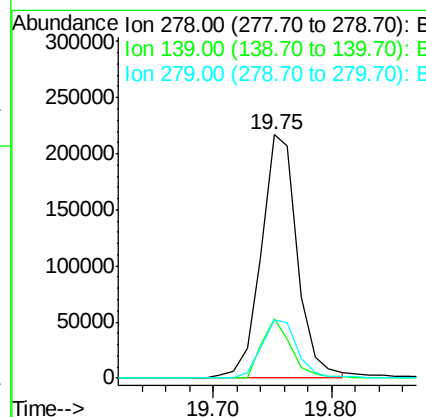
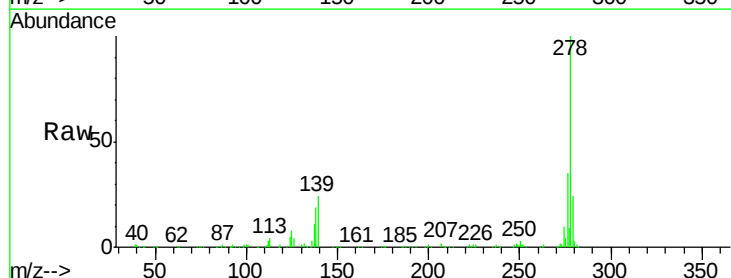
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APPROVED

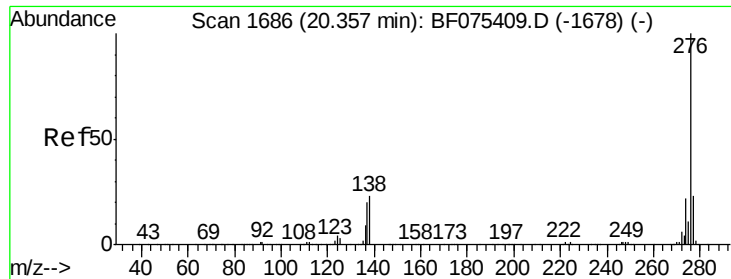
mohammad
11/17/2014 7:36:10 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.90 ng
RT: 19.75 min Scan# 1633
Delta R.T. -0.07 min
Lab File: BF075526.D
Acq: 15 Nov 2014 7:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.1	13.6	20.4#
279	24.1	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 51.62 ng
 RT: 20.20 min Scan# 1672
 Delta R.T. -0.06 min
 Lab File: BF075526.D
 Acq: 15 Nov 2014 7:50

Instrument :
 BNA_F
 ClientSampleId :
 PB80332BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.8	26.8
138	24.7	22.8	34.2

Manual Integrations
 APPROVED

mohammad
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