

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075514.D
 Acq On : 15 Nov 2014 00:49
 Operator : TP / JJ
 Sample : PB80189BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BS

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:34:58 PM

Quant Time: Nov 17 11:17:09 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	53721	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	230546	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	120348	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	197023	20.00	ng	-0.03
75) Chrysene-d12	16.45	240	199704	20.00	ng	-0.09
86) Perylene-d12	18.17	264	187491	20.00	ng	-0.26

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.84	112	253856	83.48	ng	-0.02
7) Phenol-d6	7.09	99	307202	84.01	ng	-0.02
23) Nitrobenzene-d5	8.24	82	290254	92.30	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	76439	75.83	ng	-0.03
44) 2-Fluorobiphenyl	10.48	172	572924	86.02	ng	-0.01
78) Terphenyl-d14	15.16	244	640750m	86.38	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	51674	40.48	ng	93
3) Pyridine	3.28	79	120546m	35.14	ng	
4) n-Nitrosodimethylamine	3.19	42	79056m	43.54	ng	
6) Aniline	7.13	93	100988	19.12	ng	99
8) 2-Chlorophenol	7.28	128	142927	40.61	ng	96
10) Phenol	7.11	94	190832	42.78	ng	86
11) bis(2-Chloroethyl)ether	7.24	93	147765	43.73	ng	# 82
12) 1,3-Dichlorobenzene	7.48	146	155262	40.48	ng	96
13) 1,4-Dichlorobenzene	7.57	146	150823	38.65	ng	99
14) 1,2-Dichlorobenzene	7.76	146	145862	39.87	ng	# 91
15) Benzyl Alcohol	7.73	79	118301	41.21	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.91	45	291722	41.71	ng	93
17) 2-Methylphenol	7.86	107	120988	41.52	ng	96
18) Hexachloroethane	8.17	117	57300	42.83	ng	99
19) n-Nitroso-di-n-propylamine	8.06	70	105619	42.39	ng	94
20) 3+4-Methylphenols	8.06	107	156350	40.98	ng	90
22) Acetophenone	8.06	105	211517	42.53	ng	97
24) Nitrobenzene	8.26	77	160877	44.15	ng	99
25) Isophorone	8.56	82	305267	42.52	ng	98
26) 2-Nitrophenol	8.65	139	69755	42.01	ng	97
27) 2,4-Dimethylphenol	8.71	122	136151	42.31	ng	99
28) bis(2-Chloroethoxy)methane	8.84	93	194643	44.49	ng	98
29) 2,4-Dichlorophenol	8.95	162	117592	41.71	ng	98
30) 1,2,4-Trichlorobenzene	9.06	180	114587	38.70	ng	99
31) Naphthalene	9.16	128	444732	43.27	ng	100
32) Benzoic acid	8.80	122	94454m	48.57	ng	
33) 4-Chloroaniline	9.22	127	88538	19.83	ng	98
34) Hexachlorobutadiene	9.32	225	60367	37.73	ng	98
35) Caprolactam	9.64	113	40639	43.49	ng	90
36) 4-Chloro-3-methylphenol	9.82	107	123989	40.08	ng	91
37) 2-Methylnaphthalene	10.01	142	287082	40.94	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	108251	43.76	ng	98
40) Hexachlorocyclopentadiene	10.21	237	129623	86.26	ng	98
42) 2,4,6-Trichlorophenol	10.37	196	77244	39.26	ng	96

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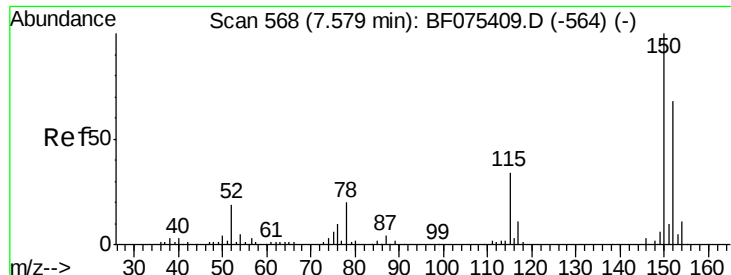
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.41	196	81506	39.78	nq	95
45) 1,1'-Biphenyl	10.60	154	339548	41.83	nq	99
46) 2-Chloronaphthalene	10.62	162	272762	42.97	nq	98
47) 2-Nitroaniline	10.74	65	87713	45.93	nq	# 85
48) Acenaphthylene	11.13	152	460563	44.01	nq	99
49) Dimethylphthalate	10.98	163	334690	40.68	nq	99
50) 2,6-Dinitrotoluene	11.05	165	70375	43.43	nq	# 82
51) Acenaphthene	11.35	154	290514	45.99	nq	99
52) 3-Nitroaniline	11.26	138	50903	26.64	nq	# 81
53) 2,4-Dinitrophenol	11.38	184	61243	70.97	nq	# 78
54) Dibenzofuran	11.57	168	382091	42.32	nq	95
55) 4-Nitrophenol	11.45	139	131035	85.79	nq	90
56) 2,4-Dinitrotoluene	11.56	165	95294	44.76	nq	90
57) Fluorene	11.99	166	308252	42.22	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	68665	42.22	nq	# 95
59) Diethylphthalate	11.86	149	329043	38.54	nq	94
60) 4-Chlorophenyl-phenylether	12.00	204	135720	43.23	nq	# 84
61) 4-Nitroaniline	12.01	138	79307	41.52	nq	82
62) Azobenzene	12.20	77	323114	43.02	nq	87
64) 4,6-Dinitro-2-methylphenol	12.05	198	40681	40.82	nq	# 54
65) n-Nitrosodiphenylamine	12.14	169	259175	41.59	nq	99
66) 4-Bromophenyl-phenylether	12.61	248	82136	44.31	nq	# 89
67) Hexachlorobenzene	12.67	284	92204	43.80	nq	# 81
68) Atrazine	12.81	200	79058	40.88	nq	96
69) Pentachlorophenol	12.92	266	108551	82.16	nq	97
70) Phenanthrene	13.19	178	476654	45.97	nq	99
71) Anthracene	13.26	178	477953	44.59	nq	99
72) Carbazole	13.45	167	451664	43.07	nq	99
73) Di-n-butylphthalate	13.90	149	566187	39.08	nq	99
74) Fluoranthene	14.67	202	492261	44.32	nq	99
76) Benzidine	14.84	184	182976m	28.81	nq	
77) Pyrene	14.95	202	520403m	44.82	nq	
79) Butylbenzylphthalate	15.76	149	247542	37.97	nq	86
80) Benzo(a)anthracene	16.44	228	454983	43.37	nq	99
81) 3,3'-Dichlorobenzidine	16.41	252	78786	20.34	nq	# 90
82) Chrysene	16.48	228	434749	47.91	nq	98
83) Bis(2-ethylhexyl)phthalate	16.47	149	349249	34.01	nq	# 97
84) Di-n-octyl phthalate	17.25	149	625984m	34.62	nq	
85) Indeno(1,2,3-cd)pyrene	19.73	276	475339m	43.18	nq	
87) Benzo(b)fluoranthene	17.72	252	472413	47.13	nq	# 94
88) Benzo(k)fluoranthene	17.74	252	432968m	48.13	nq	
89) Benzo(a)pyrene	18.11	252	441505	49.22	nq	# 96
90) Dibenzo(a,h)anthracene	19.75	278	416374	44.45	nq	# 96
91) Benzo(g,h,i)perylene	20.19	276	404714	45.35	nq	98

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



#1

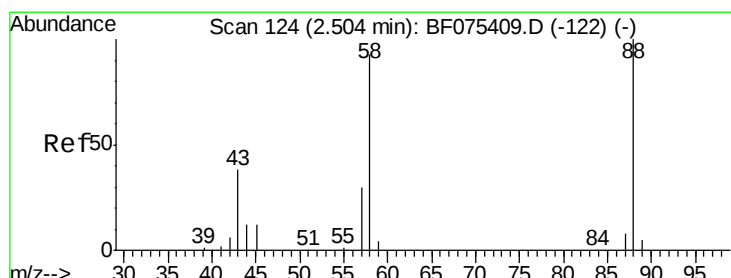
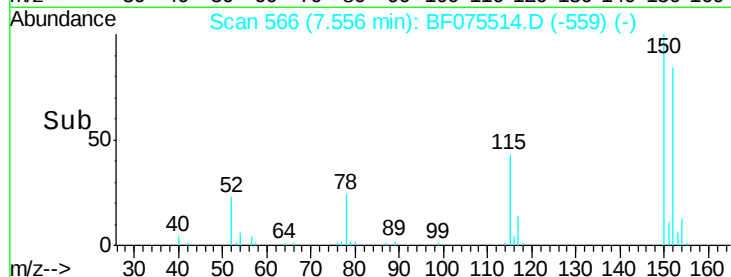
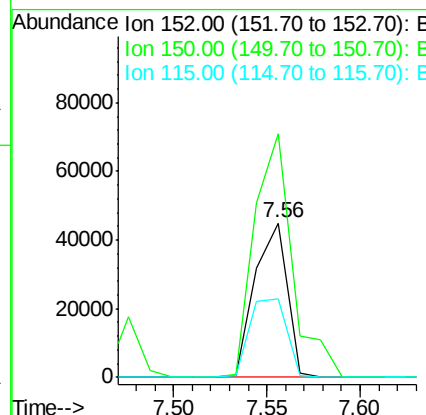
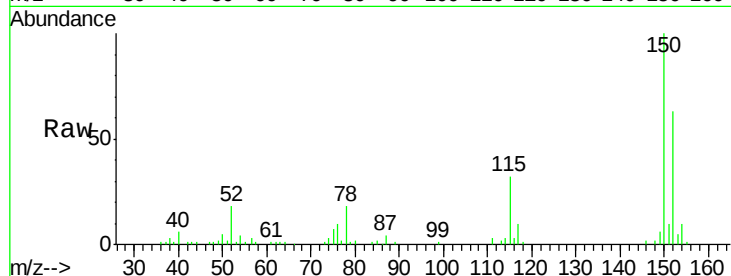
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.2	190.8
115	51.2	57.1	85.7

Manual Integrations
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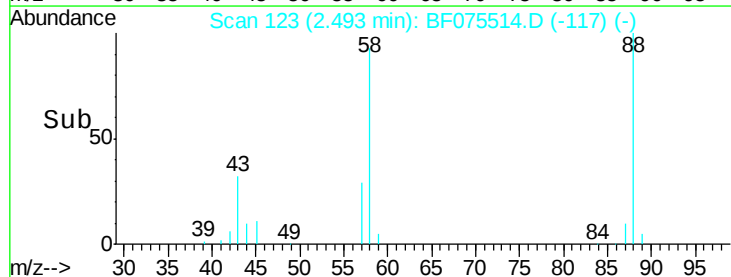
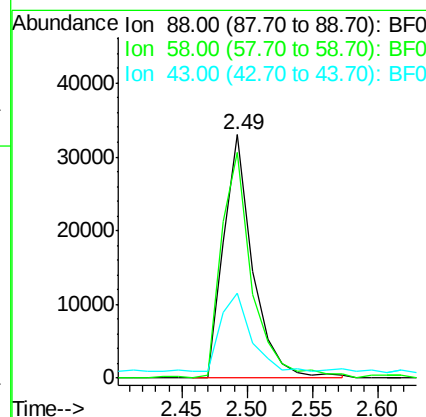
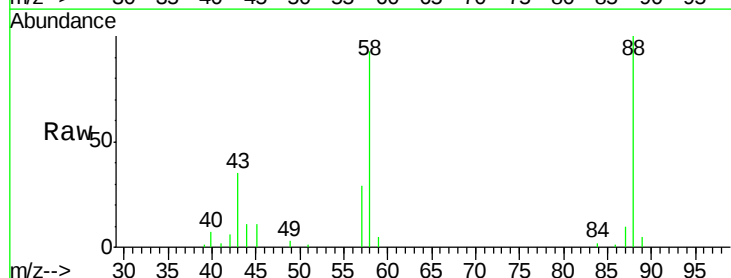
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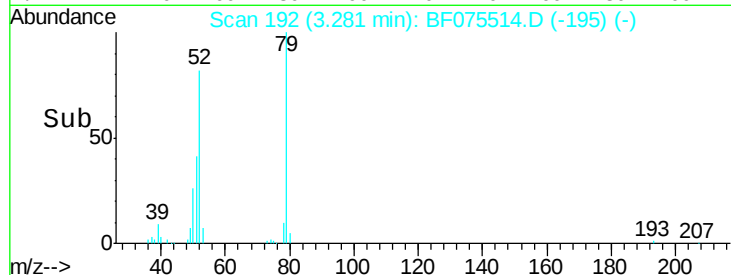
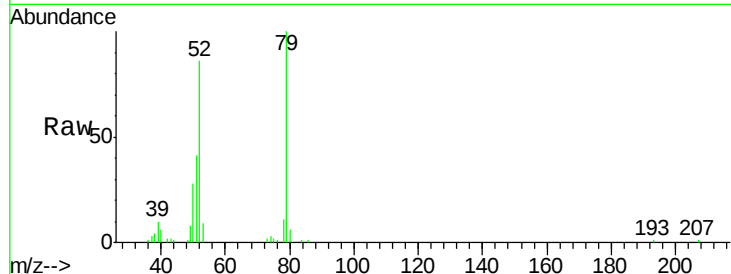
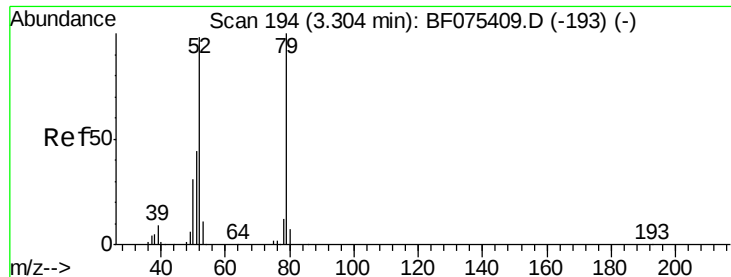


#2

1,4-Dioxane
Concen: 40.48 ng
RT: 2.49 min Scan# 123
Delta R.T. -0.03 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.0	73.5	110.3
43	32.8	31.9	47.9





#3

Pvridine

Concen: 35.14 ng m

RT: 3.28 min Scan# 192

Delta R.T. -0.14 min

Lab File: BF075514.D

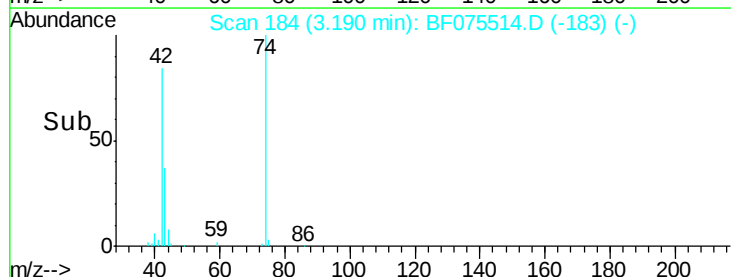
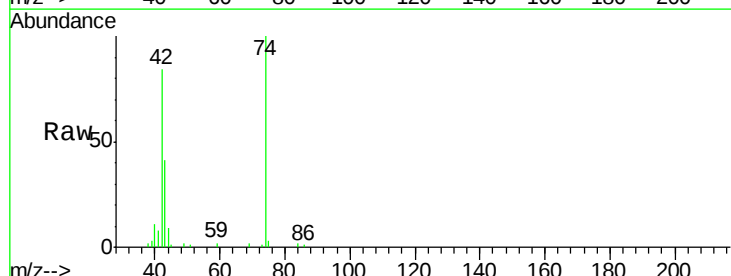
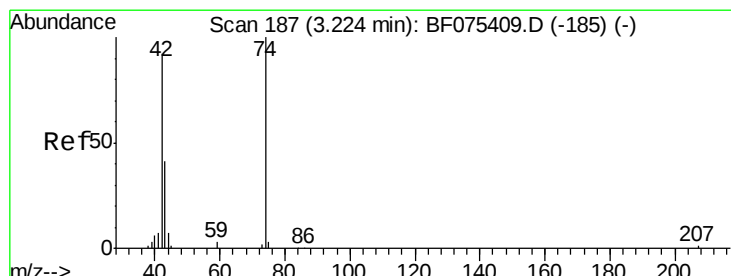
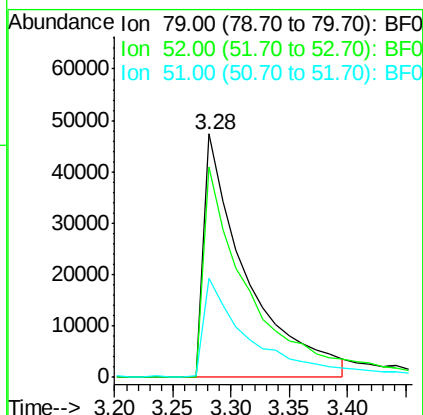
Acq: 15 Nov 2014 00:49

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	86.2	76.6	115.0
51	51	40.7	37.0	55.4

Instrument :
BNA_F
ClientSampleId :
PB80189BS

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#4

n-Nitrosodimethylamine

Concen: 43.54 ng m

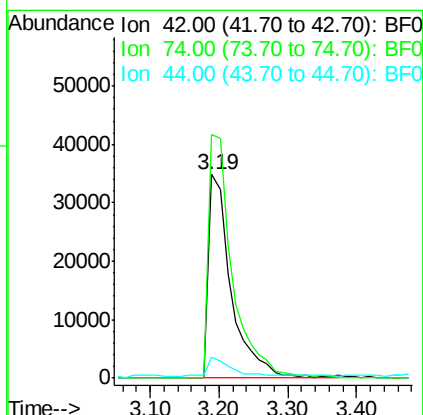
RT: 3.19 min Scan# 184

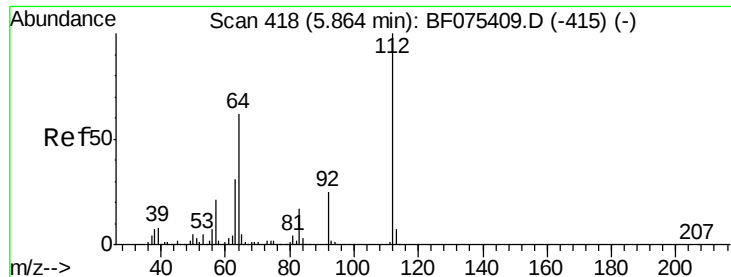
Delta R.T. -0.09 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	119.4	82.4	123.6
44	44	10.4	8.2	12.4





#5

2-Fluorophenol

Concen: 83.48 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

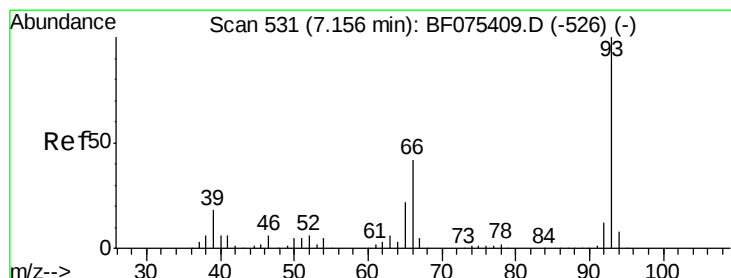
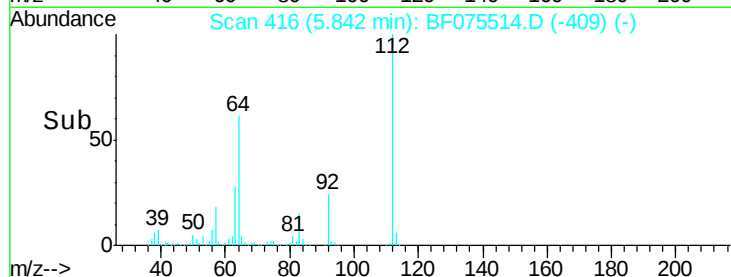
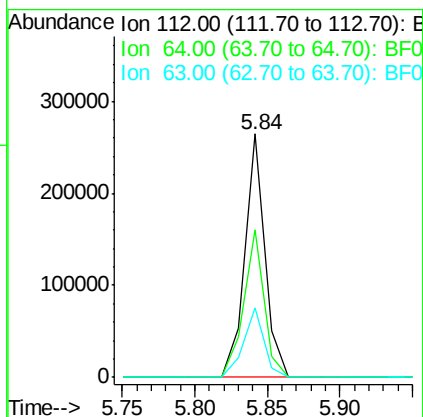
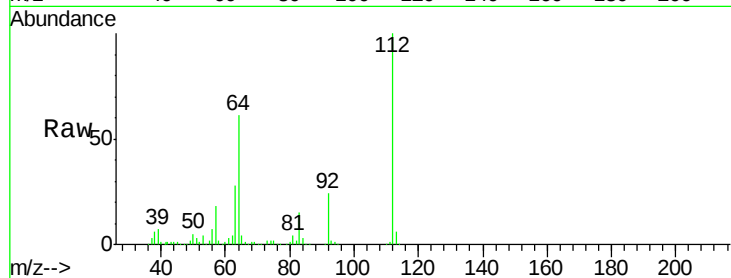
ClientSampleId :

PB80189BS

Tot Ion:	112	Resp:	253856
Ion Ratio	Lower	Upper	
112	100		
64	60.6	45.8	68.6
63	28.5	22.7	34.1

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#6

Aniline

Concen: 19.12 ng

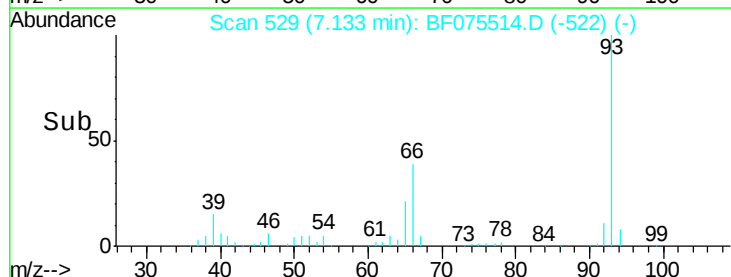
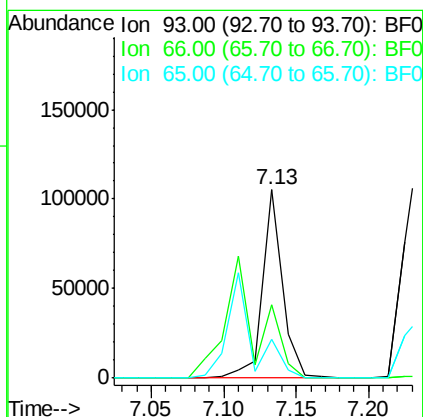
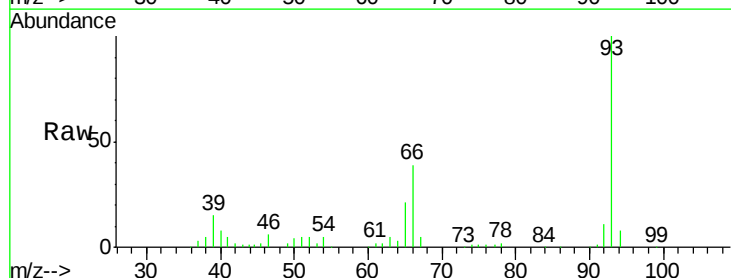
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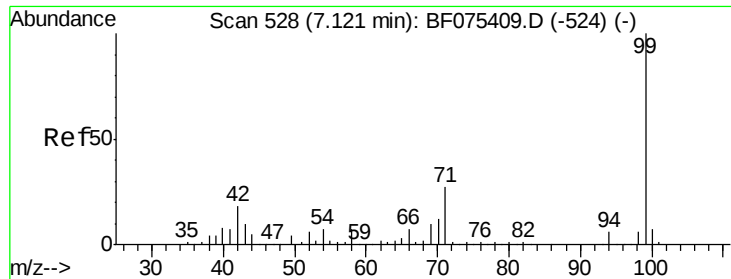
Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion:	93	Resp:	100988
Ion Ratio	Lower	Upper	
93	100		
66	39.2	31.8	47.8
65	20.7	16.6	25.0





#7

Phenol-d6

Concen: 84.01 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

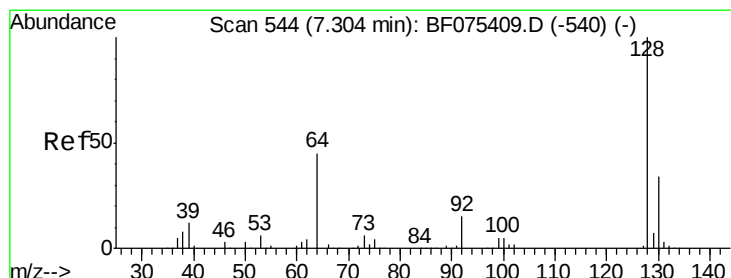
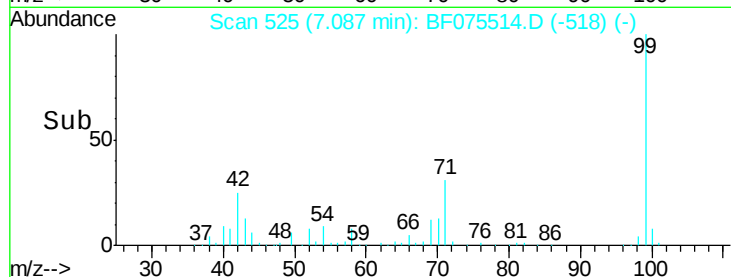
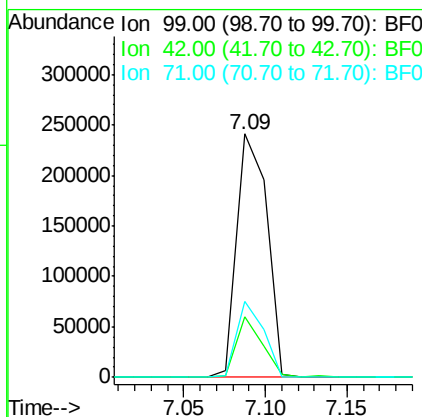
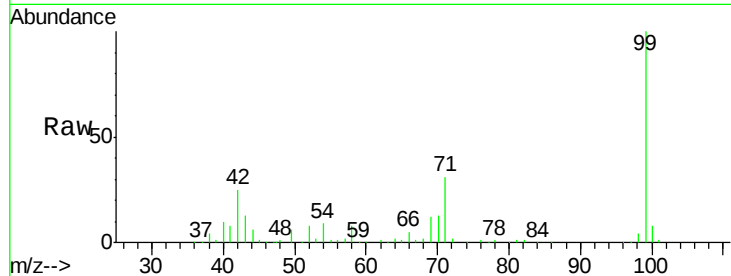
ClientSampleId :

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Tot Ion:	99	Resp:	307202
Ion Ratio	Lower	Upper	
99	100		
42	24.8	19.8	29.6
71	31.0	25.5	38.3

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#8

2-Chlorophenol

Concen: 40.61 ng

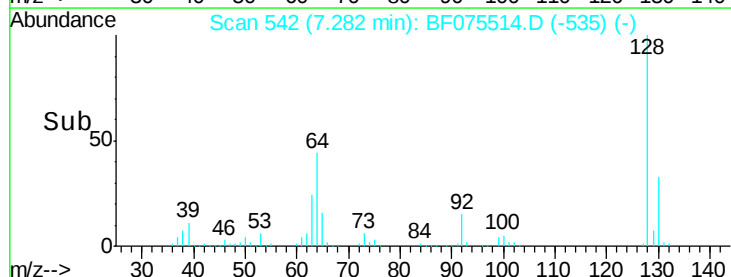
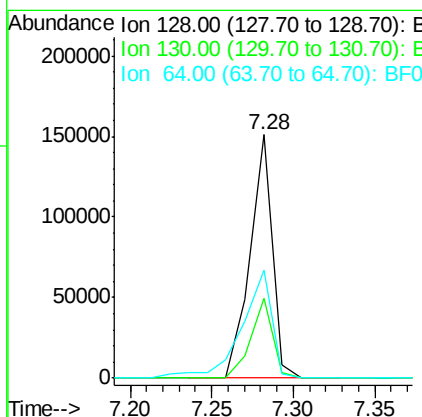
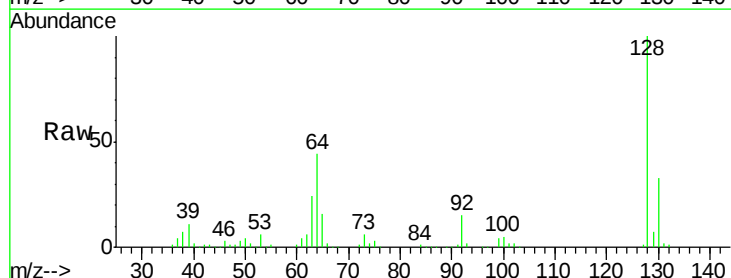
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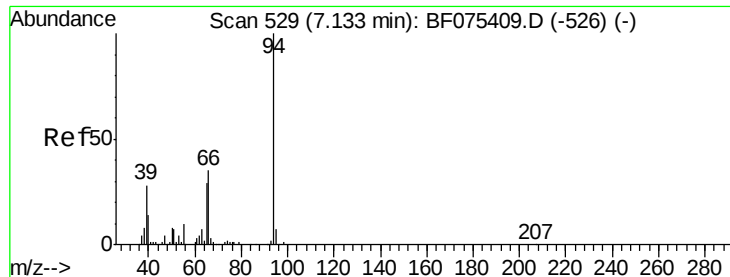
Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion:	128	Resp:	142927
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.7	52.7
64	44.1	20.3	60.3





#10

Phenol

Concen: 42.78 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

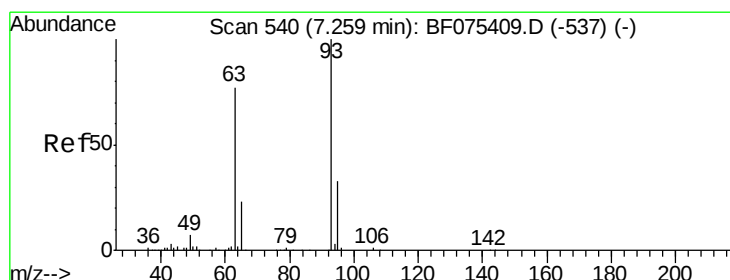
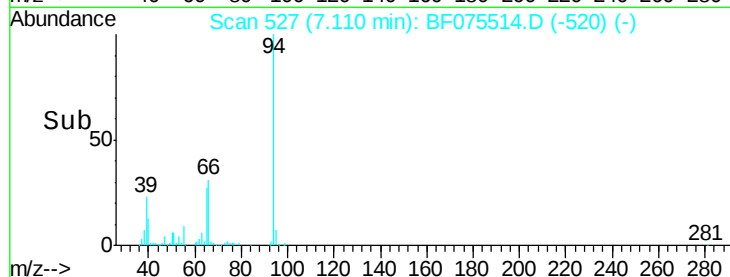
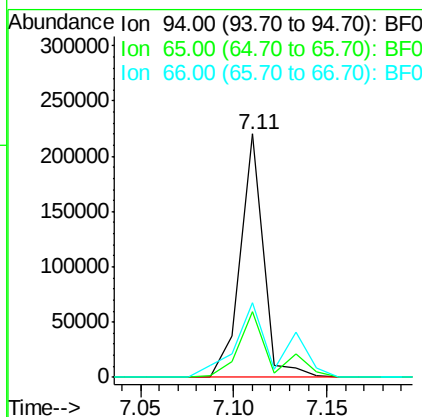
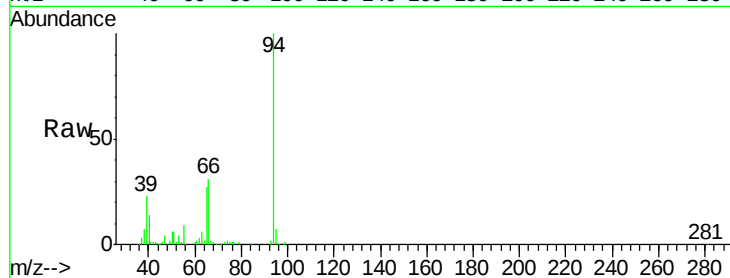
ClientSampleId :

PB80189BS

Tot Ion:	94	Resp:	190832
Ion	Ratio	Lower	Upper
94	100		
65	26.9	13.1	53.1
66	30.8	20.8	60.8

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 43.73 ng

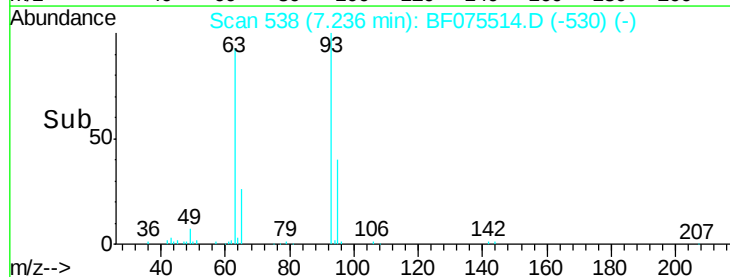
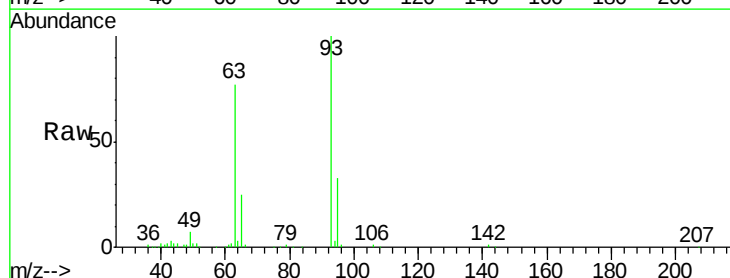
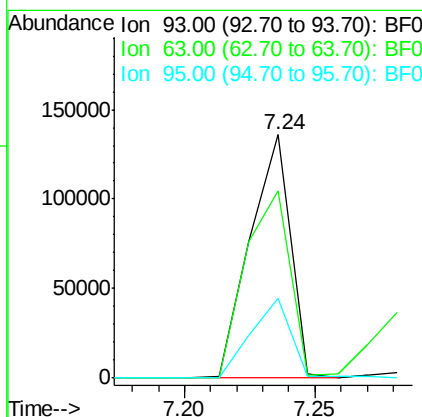
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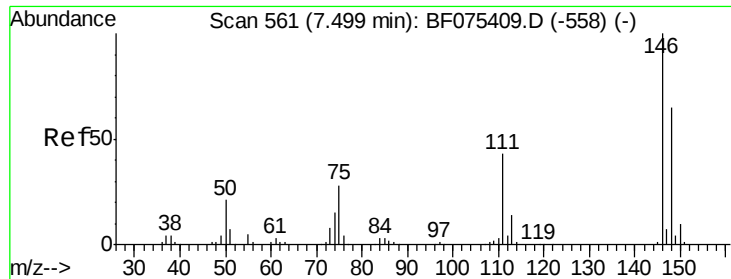
Delta R.T. -0.01 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion:	93	Resp:	147765
Ion	Ratio	Lower	Upper
93	100		
63	77.2	79.8	119.8#
95	32.9	11.2	51.2





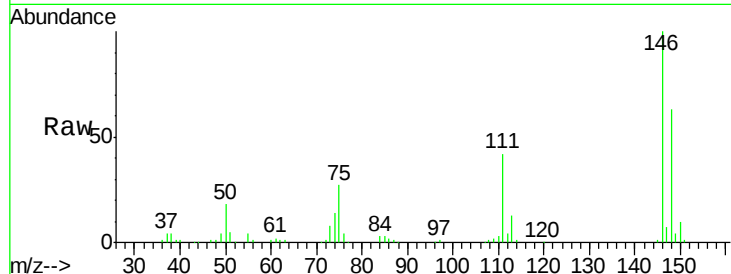
#12
 1,3-Dichlorobenzene
 Concen: 40.48 ng
 RT: 7.48 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF075514.D
 Acq: 15 Nov 2014 00:49

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BS

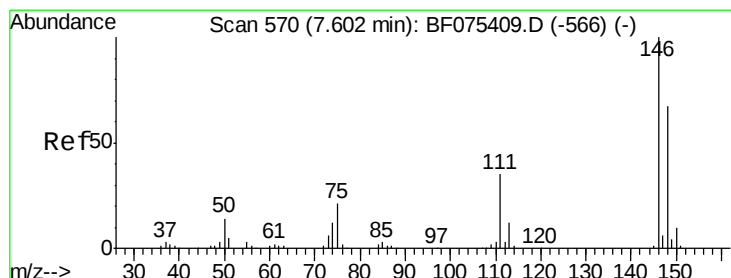
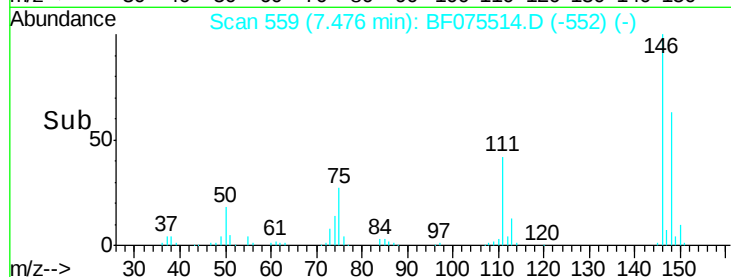
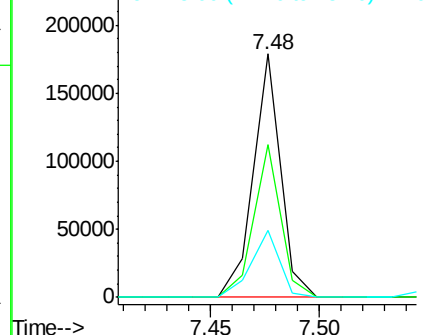
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.1	79.7
75	27.4	21.5	32.3

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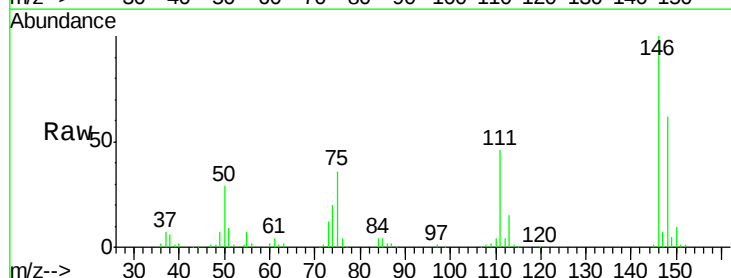


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

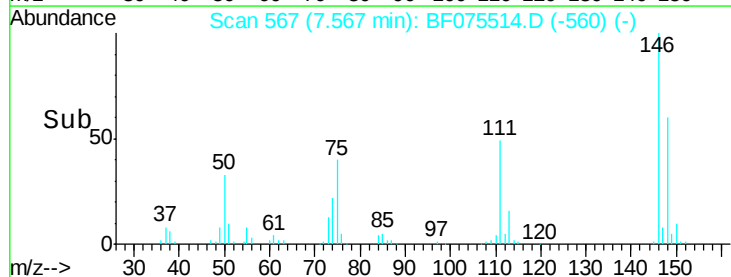
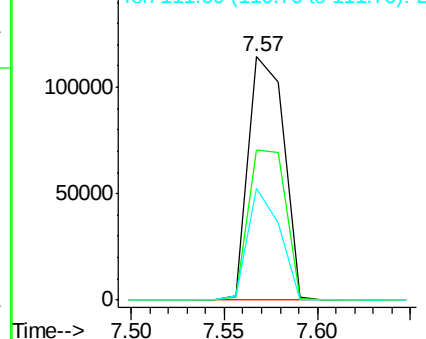


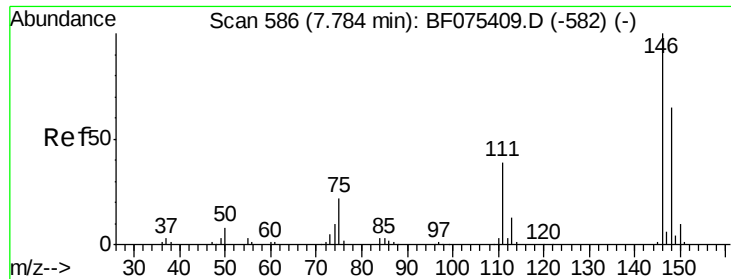
#13
 1,4-Dichlorobenzene
 Concen: 38.65 ng
 RT: 7.57 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF075514.D
 Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.9	74.9
111	45.8	35.8	53.6



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





#14

1,2-Dichlorobenzene

Concen: 39.87 ng

RT: 7.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

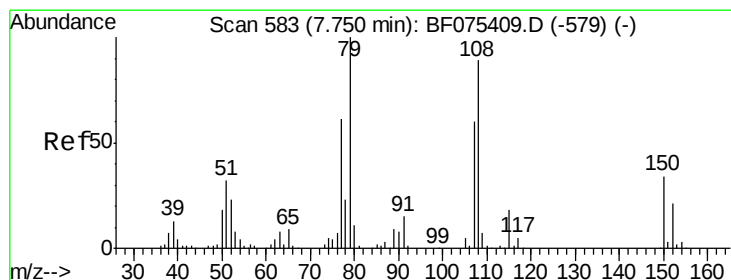
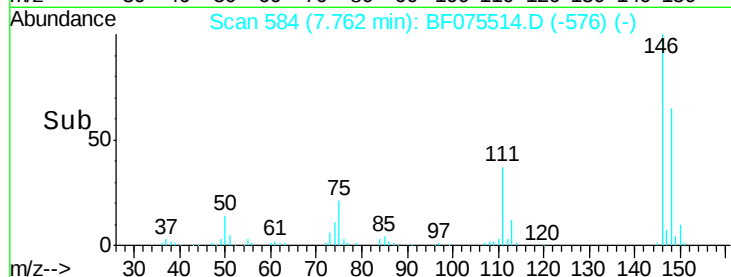
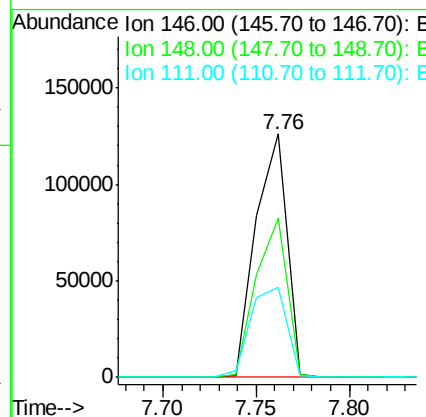
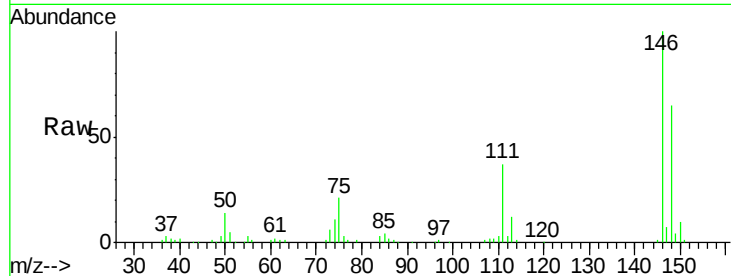
ClientSampleId :

PB80189BS

Tot Ion:	146	Resp:	145862
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.7	76.1
111	37.2	39.9	59.9#

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#15

Benzyl Alcohol

Concen: 41.21 ng

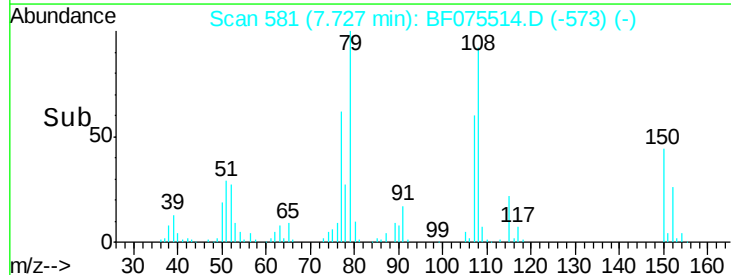
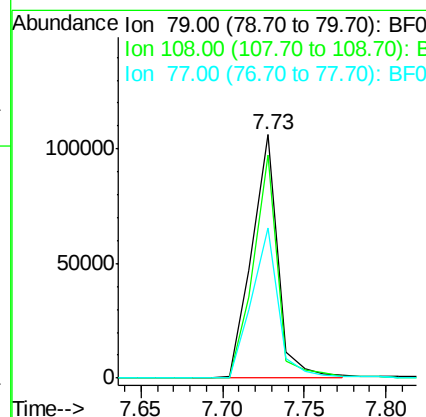
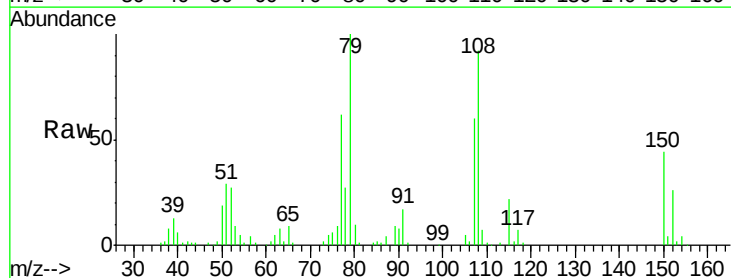
RT: 7.73 min Scan# 581

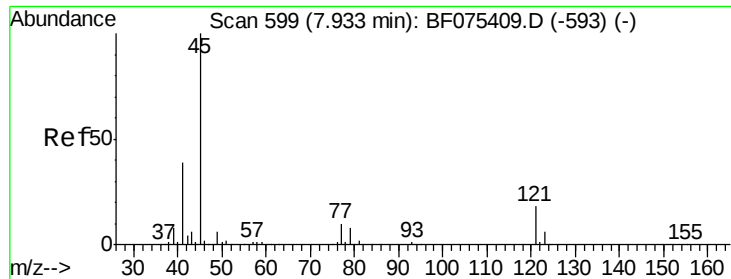
Delta R.T. -0.01 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion:	79	Resp:	118301
Ion Ratio	Lower	Upper	
79	100		
108	91.5	75.5	113.3
77	61.6	52.1	78.1





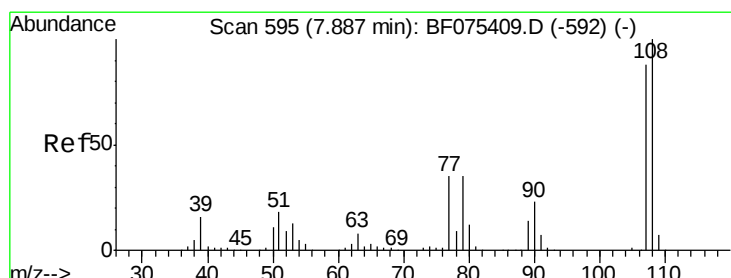
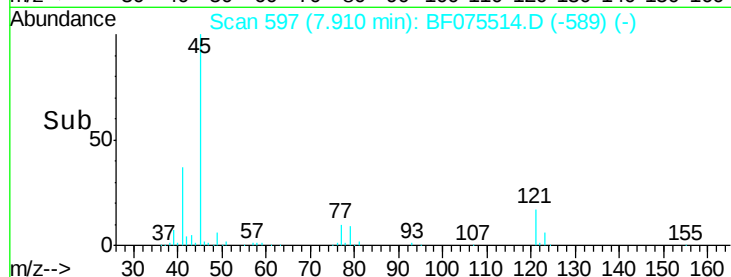
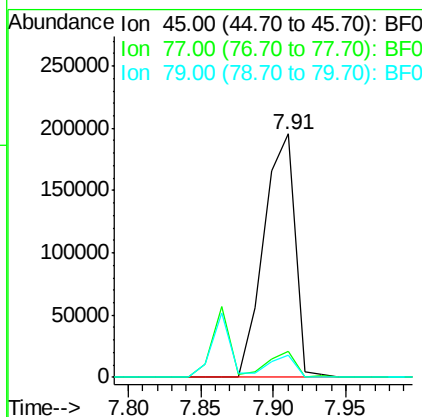
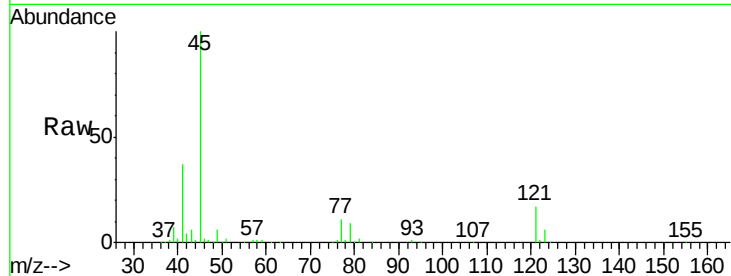
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 41.71 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	291722		
77	10.7		0.0	28.6
79	9.2		0.0	26.5

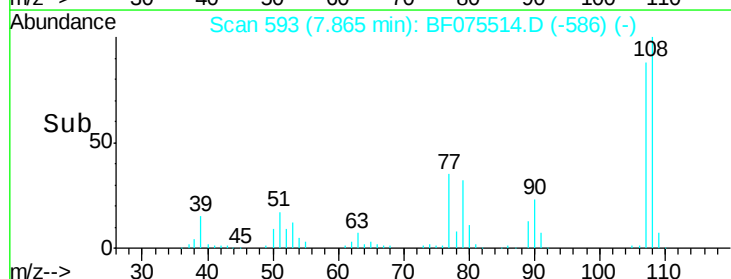
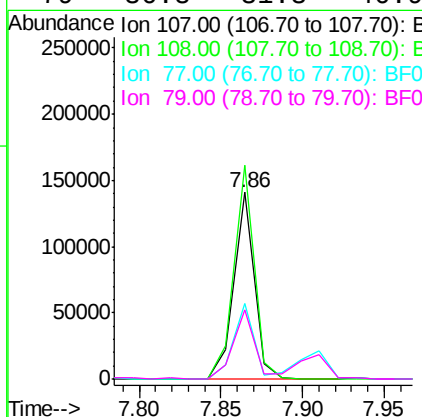
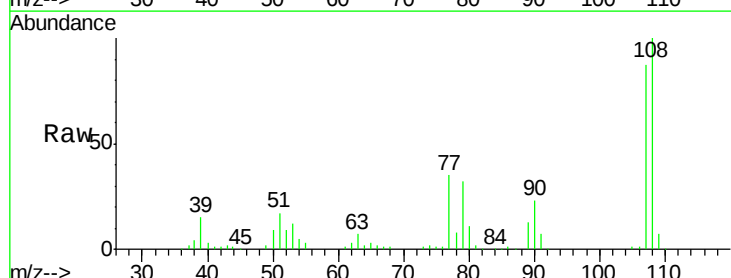
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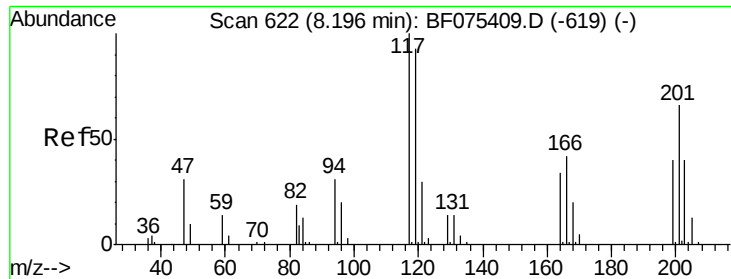
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#17
2-Methylphenol
Concen: 41.52 ng
RT: 7.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	120988		
108	114.5		95.6	143.4
77	40.3		30.2	45.4
79	36.8		31.3	46.9





#18

Hexachloroethane

Concen: 42.83 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

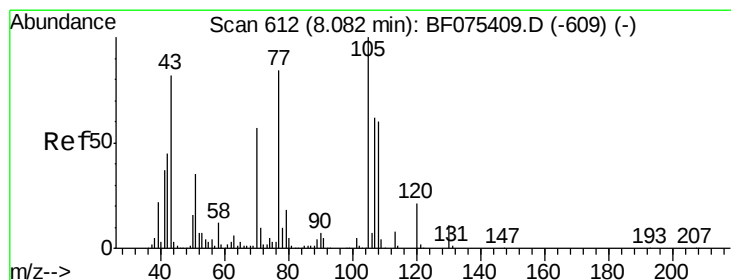
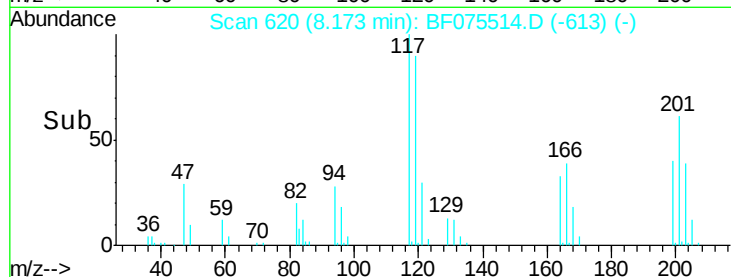
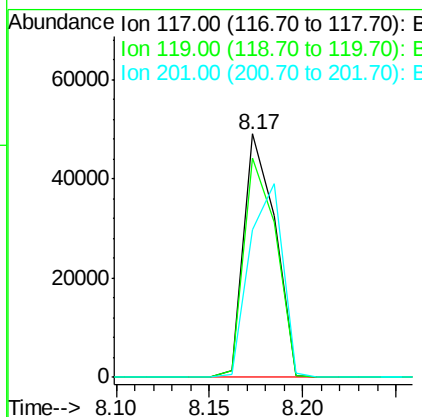
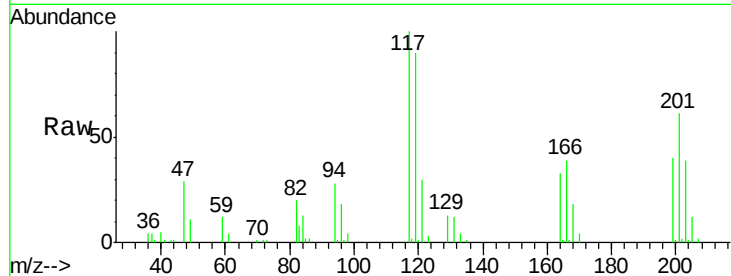
ClientSampleId :

PB80189BS

Tot Ion:	117	Resp:	57300
Ion Ratio	Lower	Upper	
117	100		
119	89.8	72.9	109.3
201	60.8	48.2	72.4

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#19

n-Nitroso-di-n-propylamine

Concen: 42.39 ng

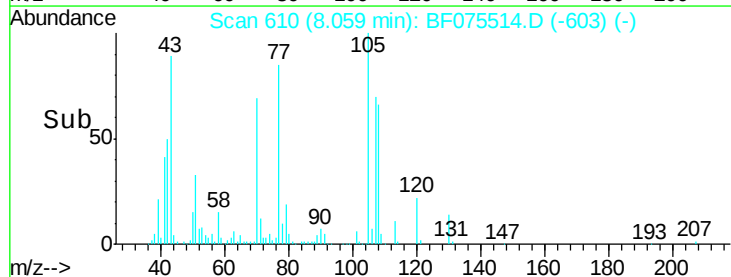
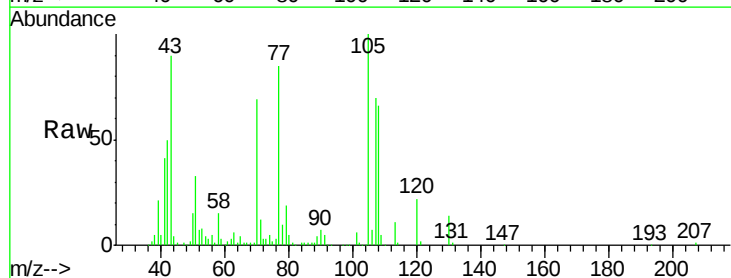
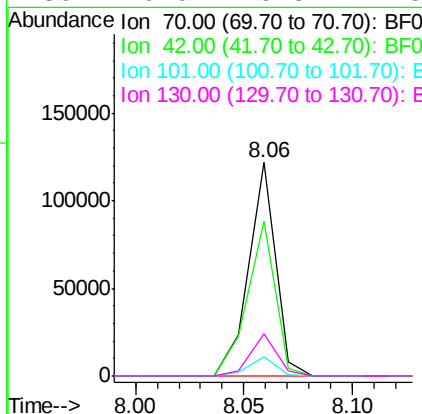
RT: 8.06 min Scan# 610

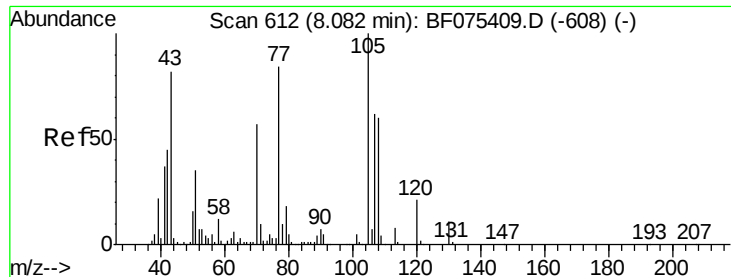
Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion:	70	Resp:	105619
Ion Ratio	Lower	Upper	
70	100		
42	72.3	63.0	94.6
101	9.2	7.5	11.3
130	20.0	16.3	24.5





#20

3+4-Methylphenols

Concen: 40.98 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

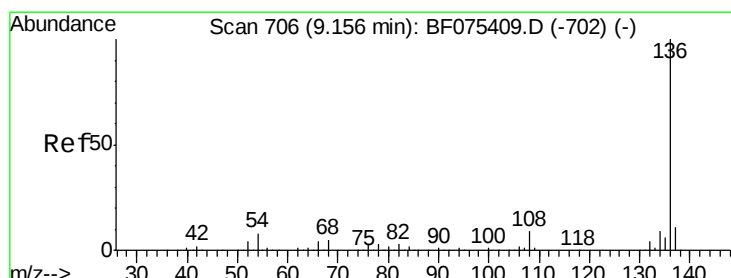
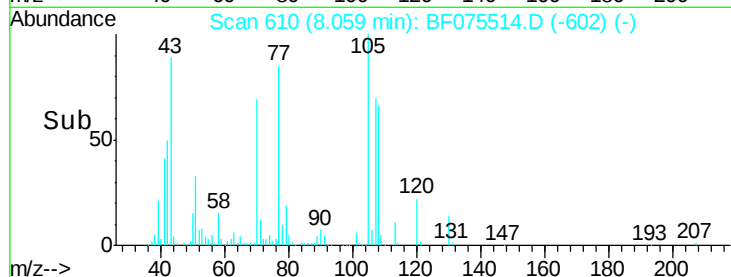
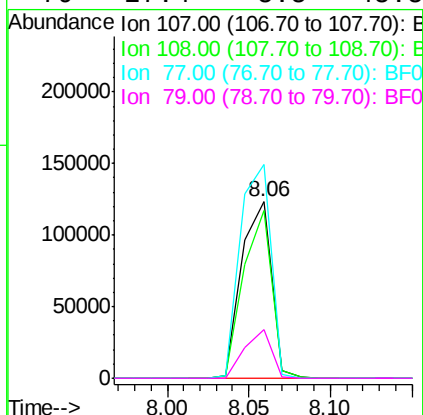
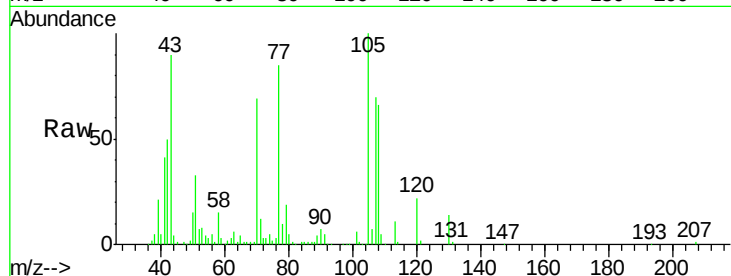
ClientSampleId :

PB80189BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	94.8	69.6	109.6	
77	121.1	84.4	124.4	
79	27.4	5.5	45.5	

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#21

Naphthalene-d8

Concen: 20.00 ng

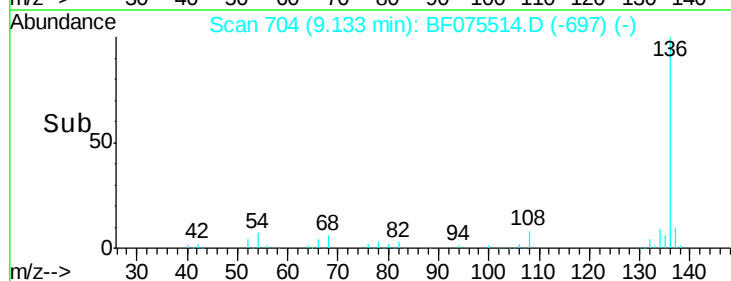
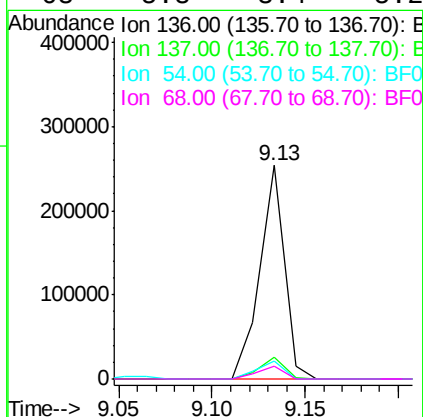
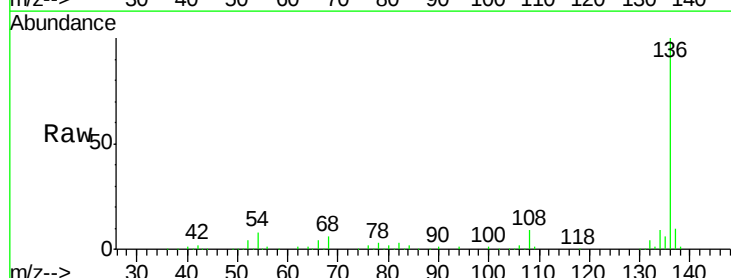
RT: 9.13 min Scan# 704

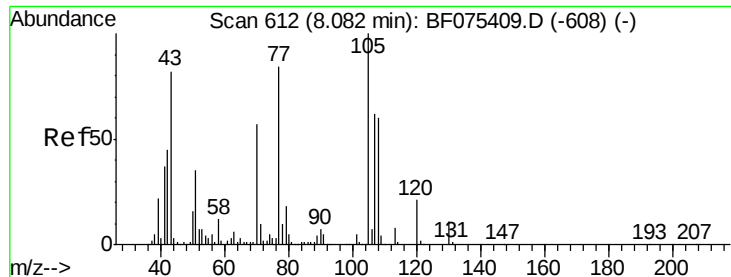
Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.2	12.4	
54	8.4	6.2	9.4	
68	5.8	3.4	5.2#	





#22

Acetophenone

Concen: 42.53 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF075514.D

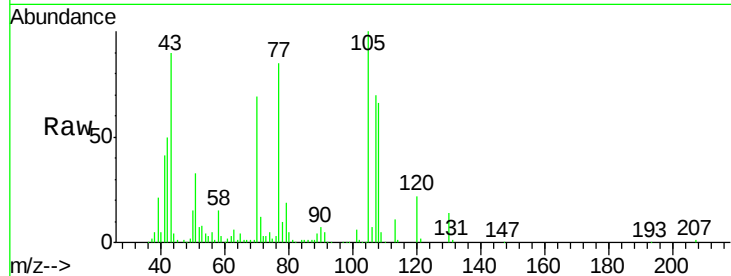
Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

ClientSampleId :

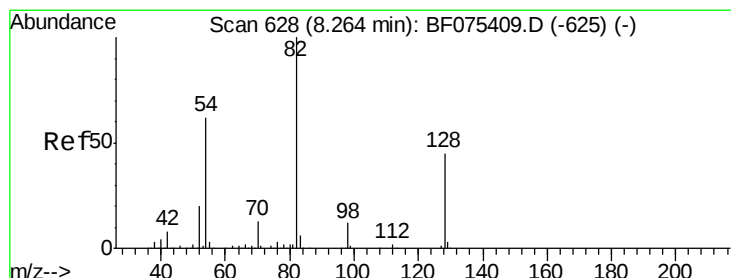
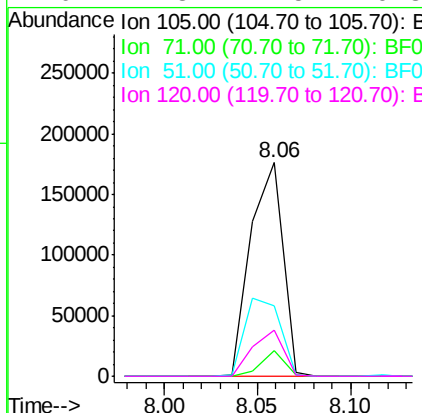
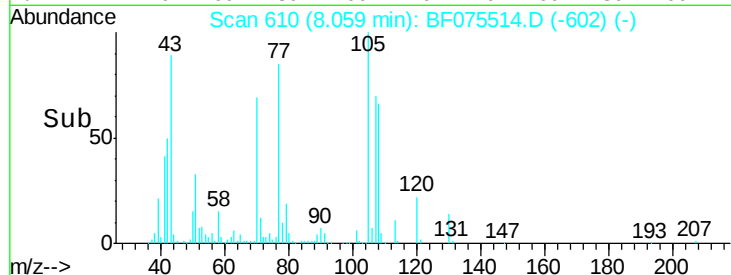
PB80189BS



Tot Ion:	105	Resp:	211517
Ion Ratio	Lower	Upper	
105	100		
71	11.7	10.5	15.7
51	33.0	24.2	36.2
120	21.8	17.5	26.3

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#23

Nitrobenzene-d5

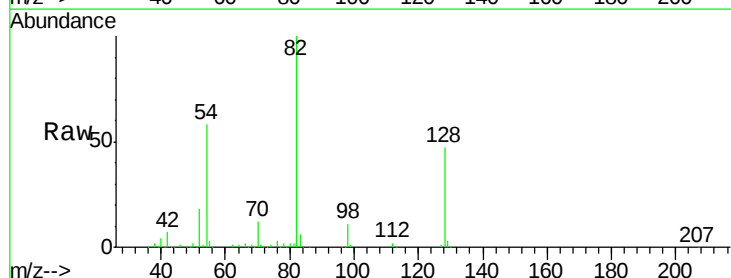
Concen: 92.30 ng

RT: 8.24 min Scan# 626

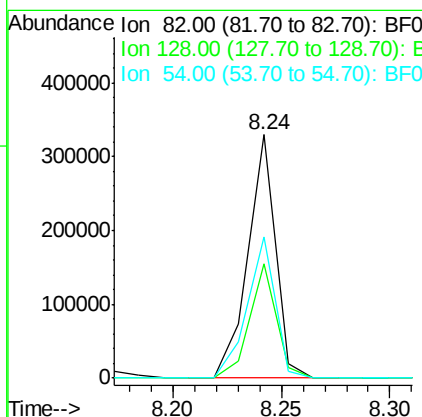
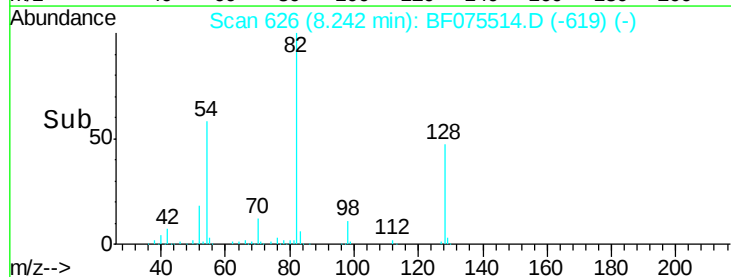
Delta R.T. -0.02 min

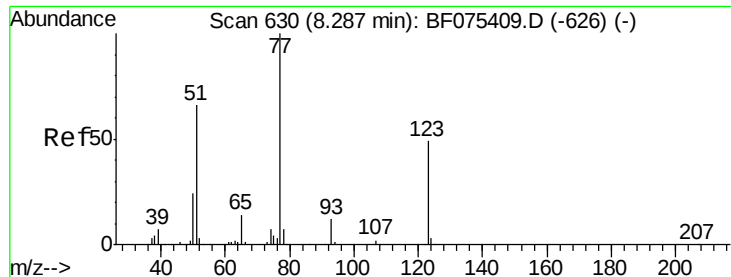
Lab File: BF075514.D

Acq: 15 Nov 2014 00:49



Tgt Ion:	82	Resp:	290254
Ion Ratio	Lower	Upper	
82	100		
128	47.0	37.8	56.6
54	58.2	49.8	74.8





#24

Nitrobenzene

Concen: 44.15 ng

RT: 8.26 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

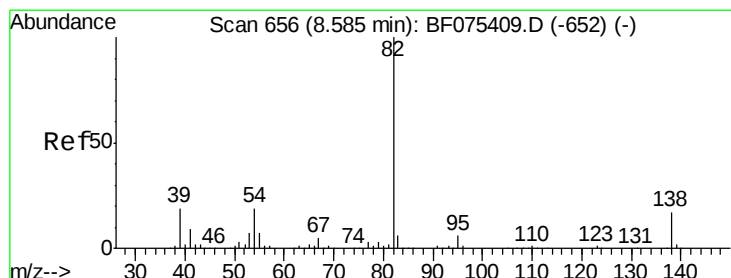
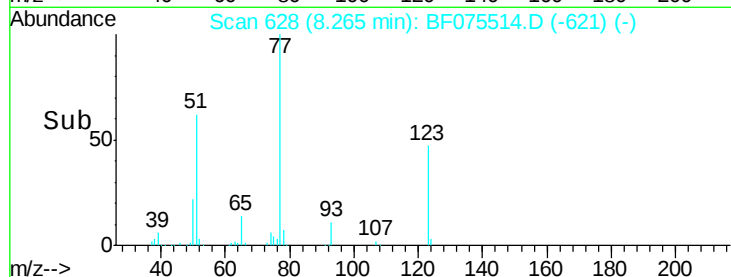
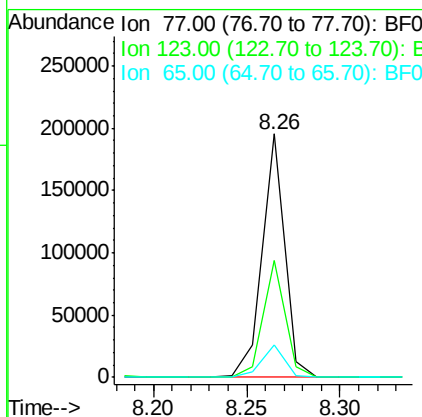
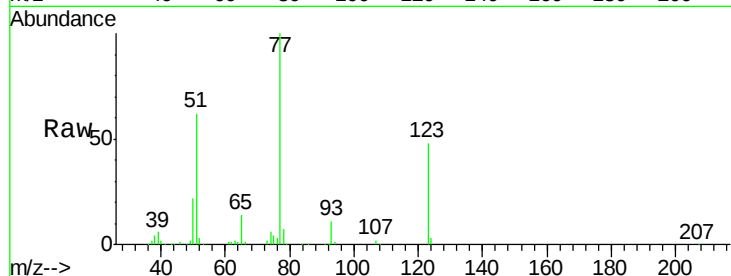
ClientSampled :

PB80189BS

Tot Ion:	77	Resp:	160877
Ion Ratio	Lower	Upper	
77	100		
123	47.9	39.0	58.4
65	13.5	10.6	15.8

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#25

Isophorone

Concen: 42.52 ng

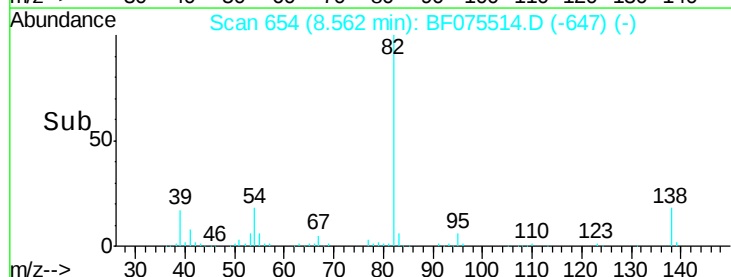
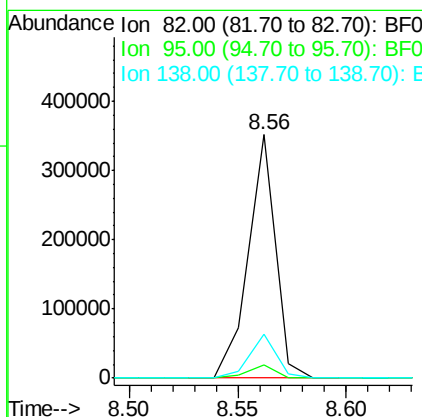
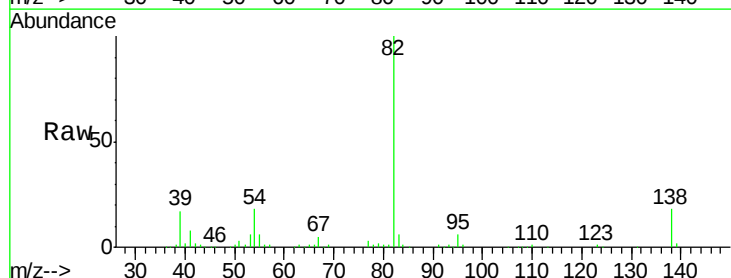
RT: 8.56 min Scan# 654

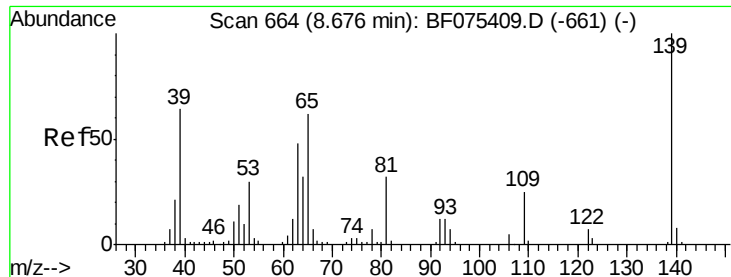
Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion:	82	Resp:	305267
Ion Ratio	Lower	Upper	
82	100		
95	5.6	5.2	7.8
138	18.0	15.0	22.6





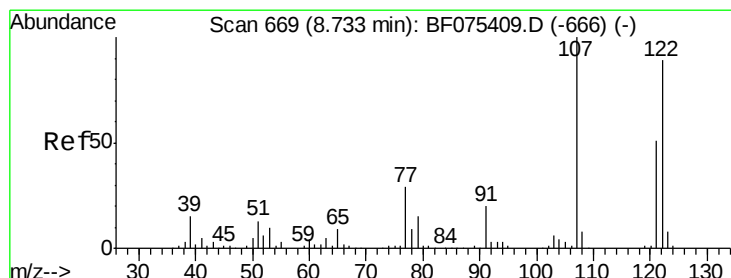
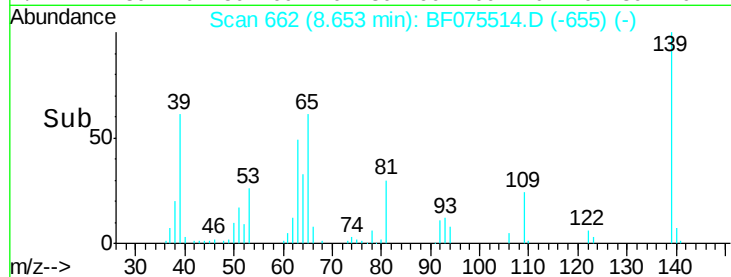
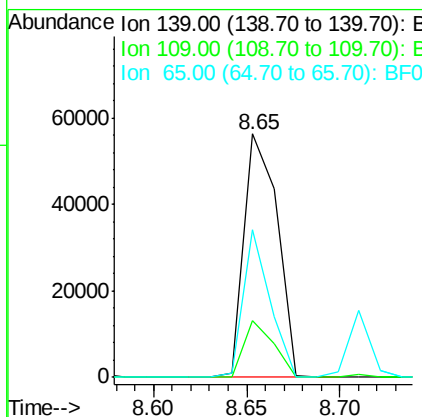
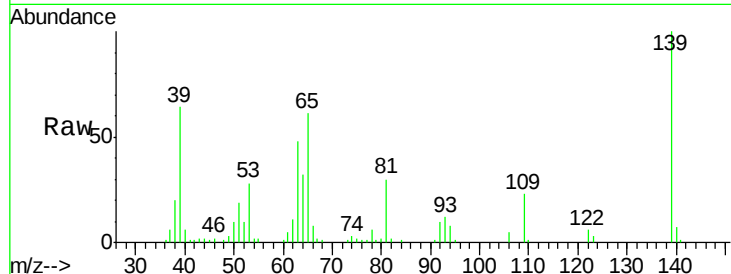
#26
2-Nitrophenol
Concen: 42.01 ng
RT: 8.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	69755		
109	23.3		22.3	33.5
65	60.6		49.1	73.7

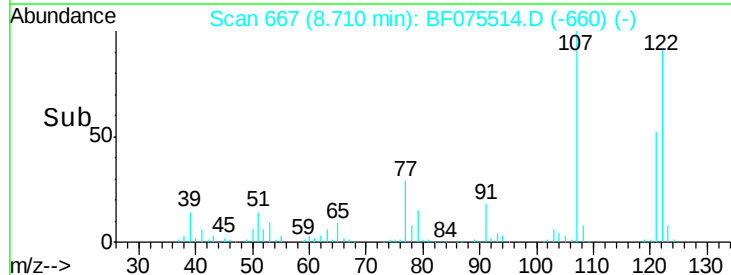
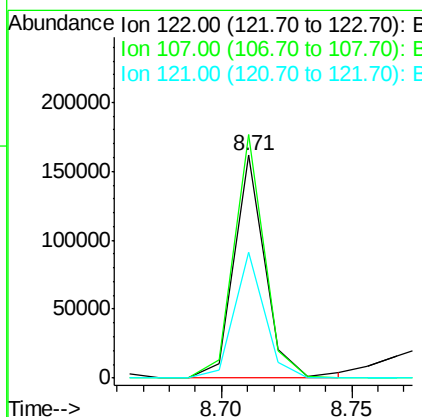
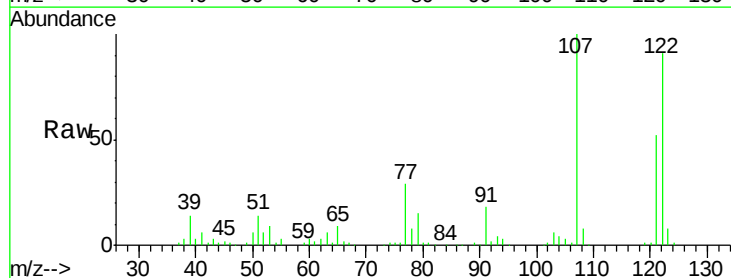
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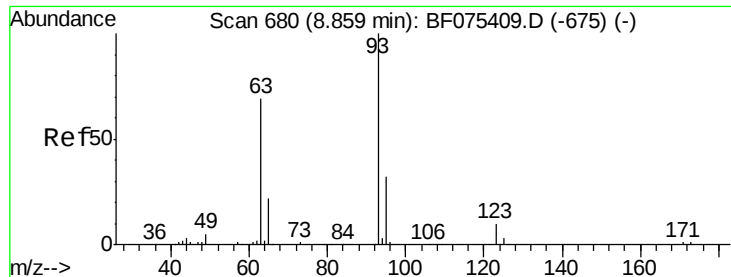
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#27
2,4-Dimethylphenol
Concen: 42.31 ng
RT: 8.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	136151		
107	109.3		86.5	129.7
121	56.7		45.4	68.2





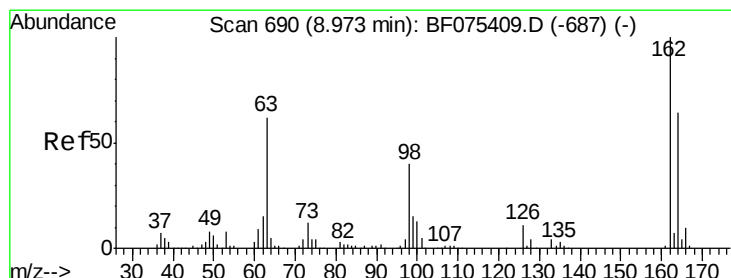
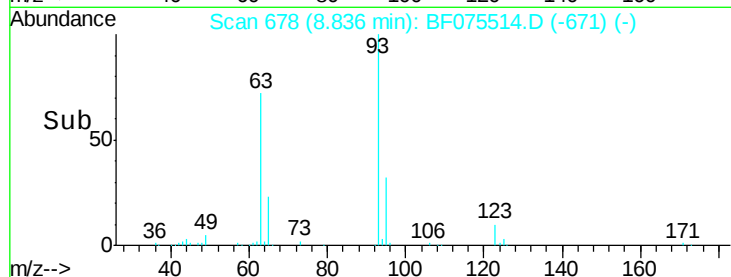
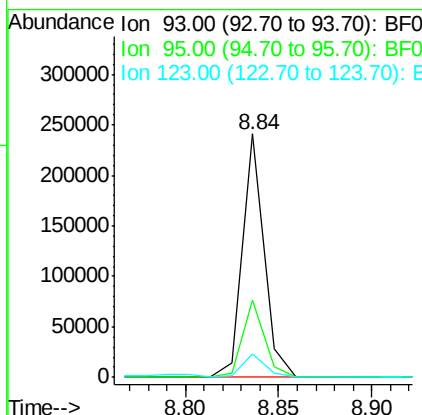
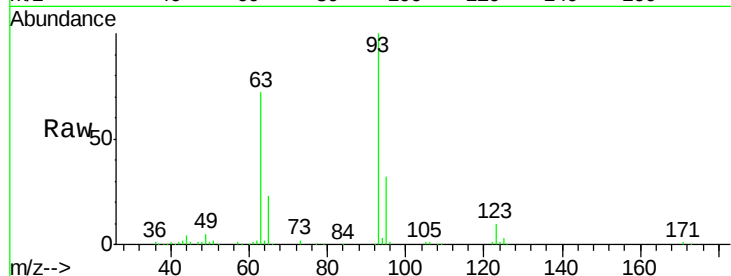
#28
bis(2-Chloroethoxy)methane
Concen: 44.49 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.8	26.2	39.4	
123	9.9	8.8	13.2	

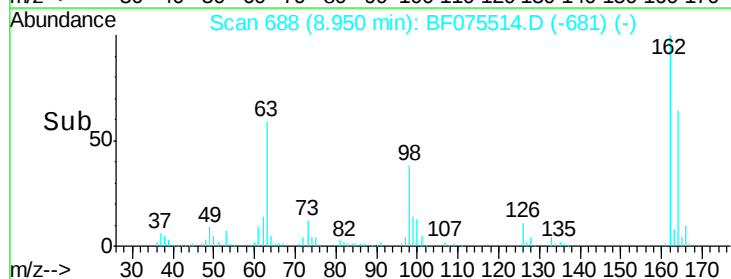
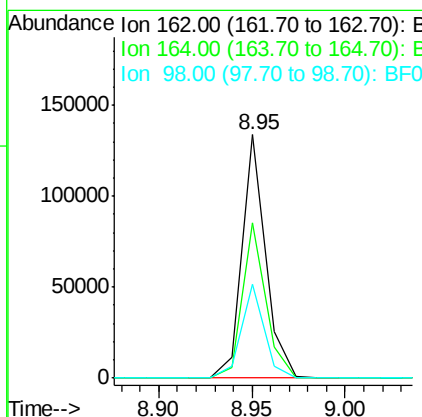
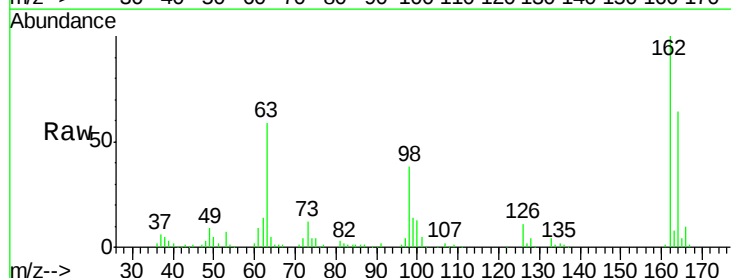
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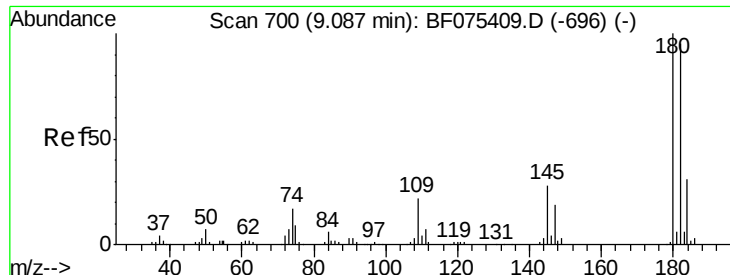
mohammad
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#29
2,4-Dichlorophenol
Concen: 41.71 ng
RT: 8.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.8	43.8	83.8	
98	38.3	14.6	54.6	





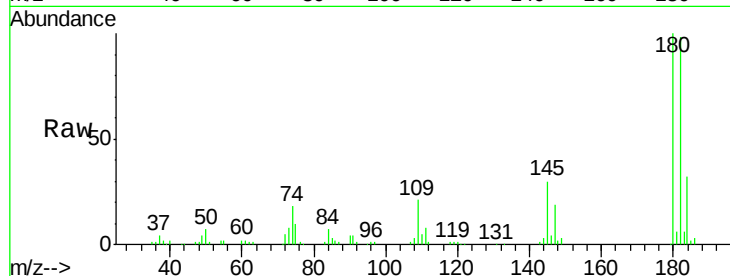
#30
 1,2,4-Trichlorobenzene
 Concen: 38.70 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF075514.D
 Acq: 15 Nov 2014 00:49

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BS

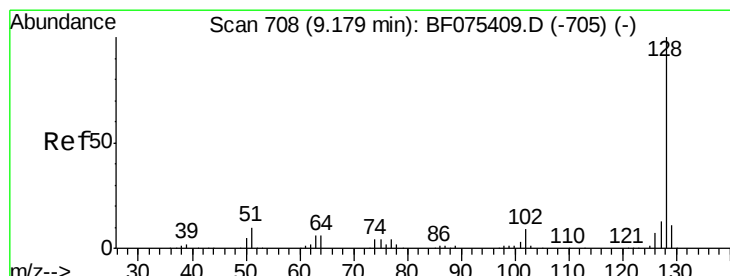
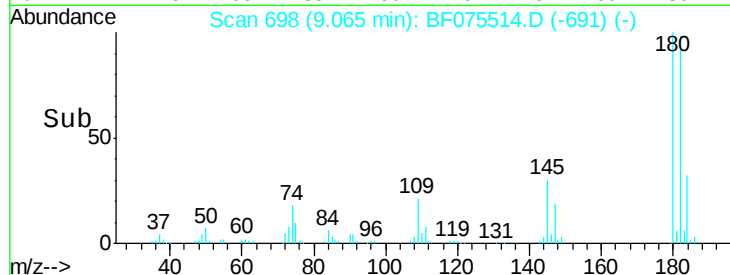
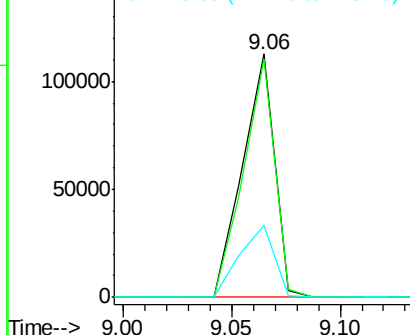
Tot Ion	Ratio	Resp	Lower	Upper
180	100	114587		
182	97.9	78.4	117.6	
145	29.9	22.3	33.5	

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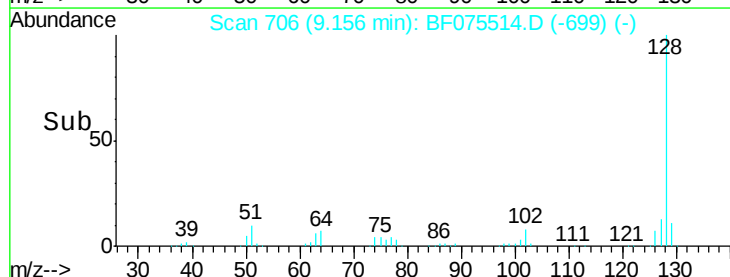
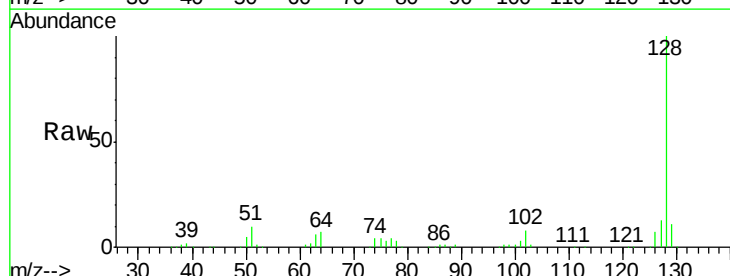
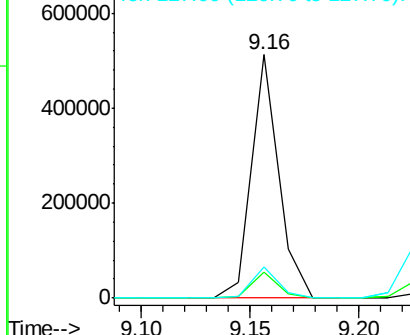
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

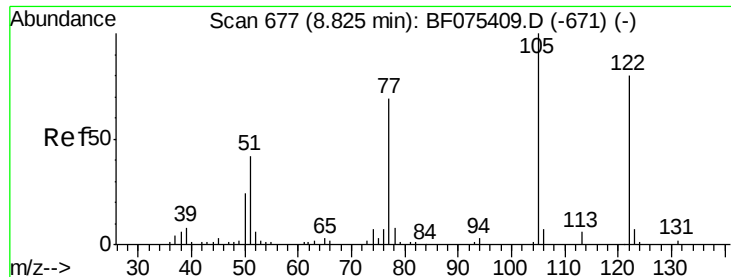


#31
 Naphthalene
 Concen: 43.27 ng
 RT: 9.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF075514.D
 Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	444732		
129	10.9	9.0	13.4	
127	12.7	10.2	15.4	

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





#32

Benzoic acid

Concen: 48.57 ng/ml

RT: 8.80 min Scan# 675

Delta R.T. 0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

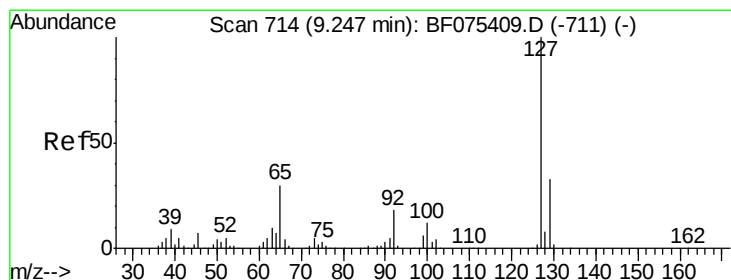
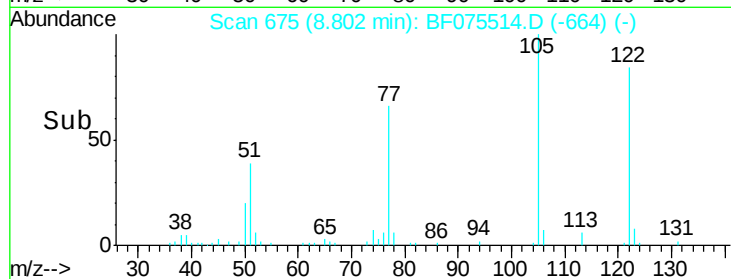
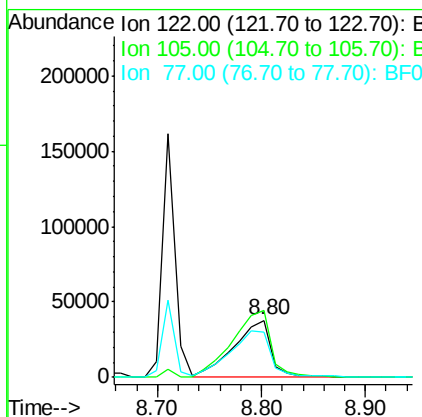
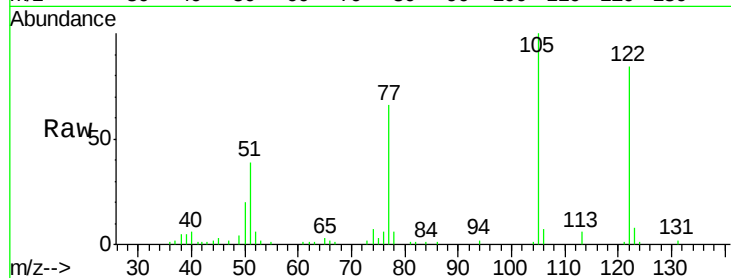
ClientSampleId :

PB80189BS

Tot Ion:	122	Resp:	94454
Ion Ratio	Lower	Upper	
122	100		
105	118.5	95.1	135.1
77	78.2	62.6	102.6

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#33

4-Chloroaniline

Concen: 19.83 ng

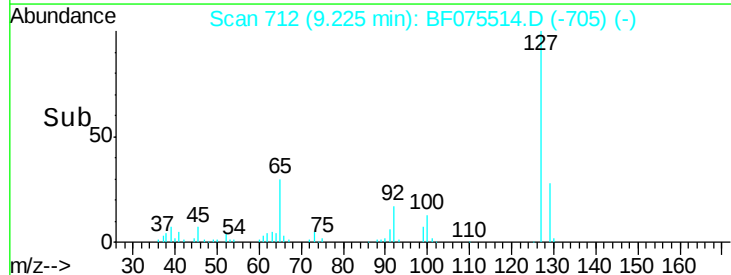
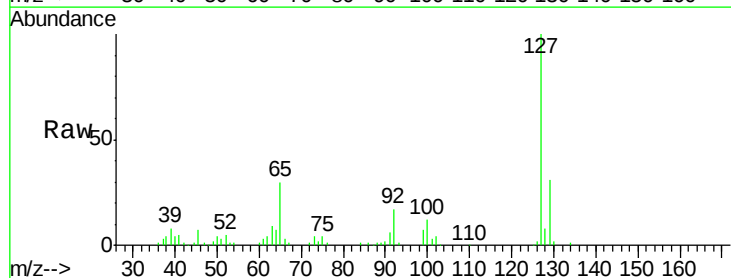
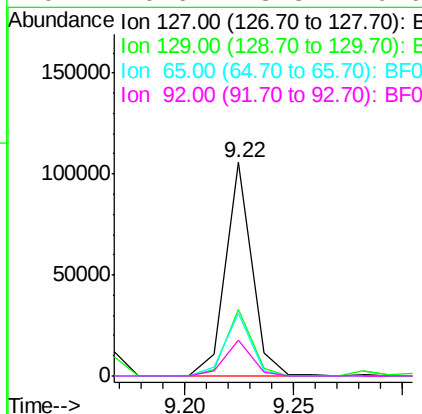
RT: 9.22 min Scan# 712

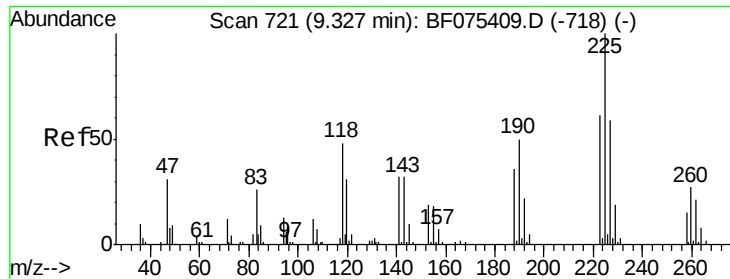
Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion:	127	Resp:	88538
Ion Ratio	Lower	Upper	
127	100		
129	31.0	25.5	38.3
65	29.7	22.8	34.2
92	16.6	13.8	20.6





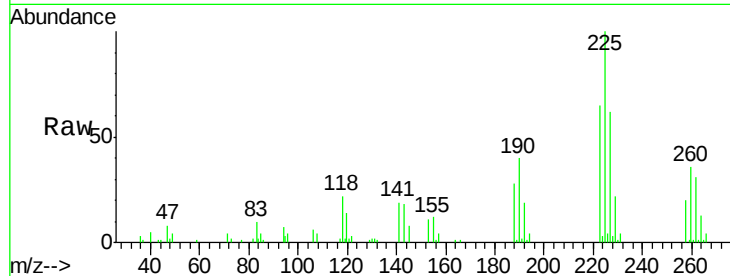
#34
Hexachlorobutadiene
Concen: 37.73 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	65.2	51.0	76.6
227	62.4	48.6	73.0

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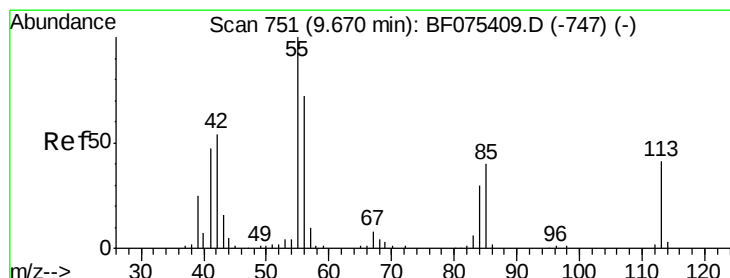
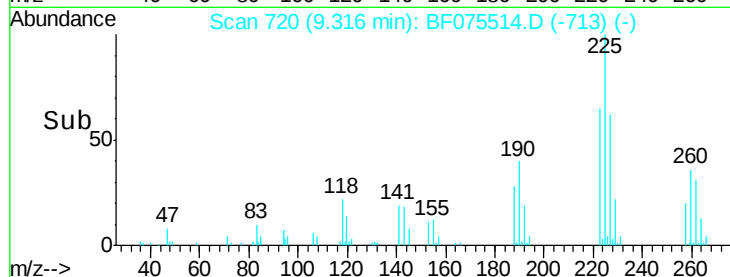
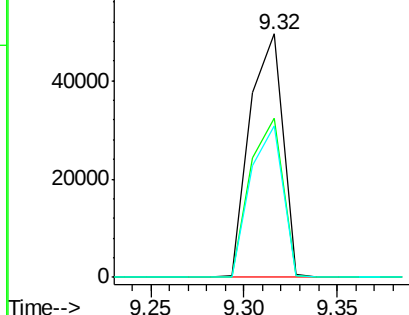


Abundance

Ion 225.00 (224.70 to 225.70): E

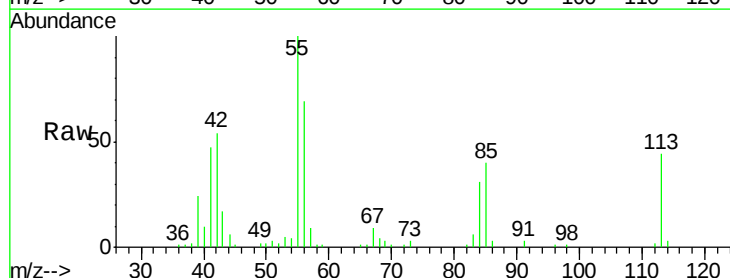
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 43.49 ng
RT: 9.64 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
113	100		
55	228.7	226.9	266.9
56	157.1	148.4	188.4

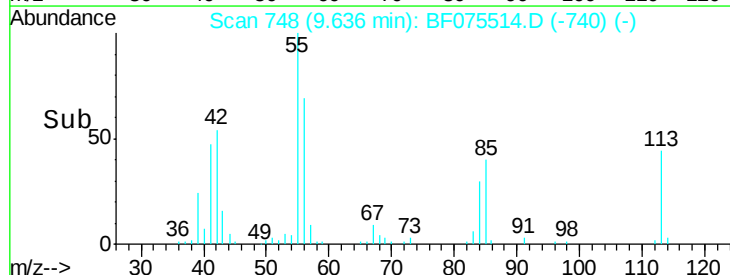
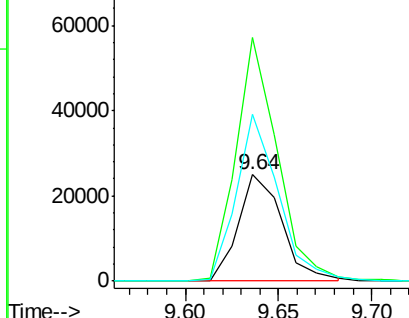


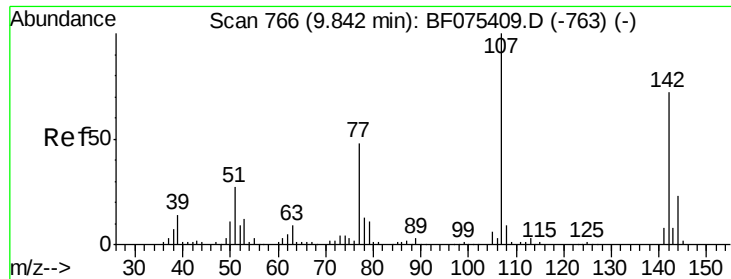
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





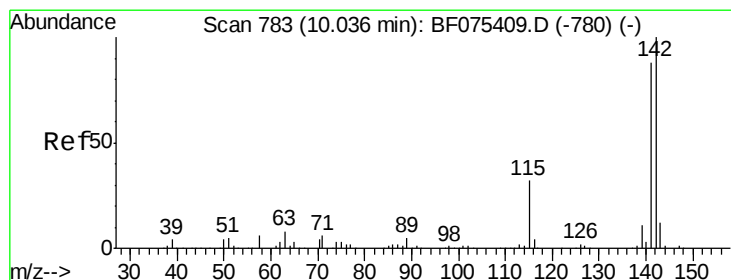
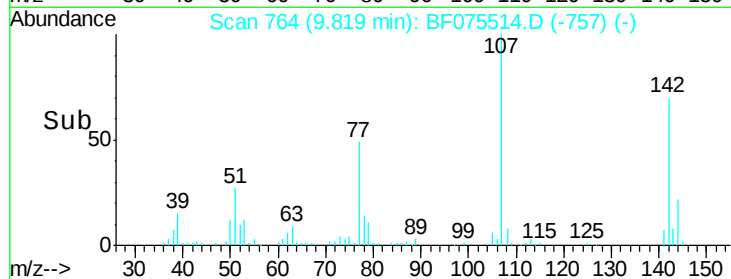
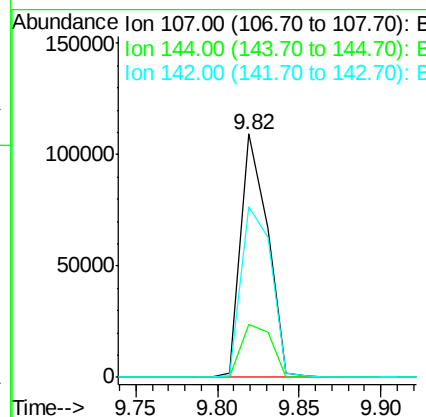
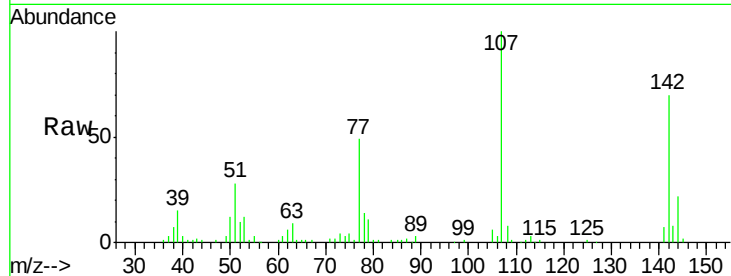
#36
4-Chloro-3-methylphenol
Concen: 40.08 ng
RT: 9.82 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampled :
PB80189BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	21.5	19.1	28.7	
142	70.0	62.9	94.3	

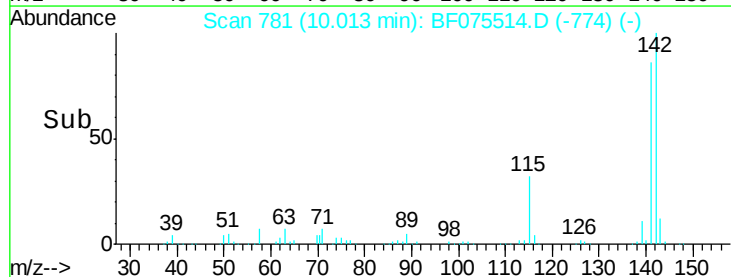
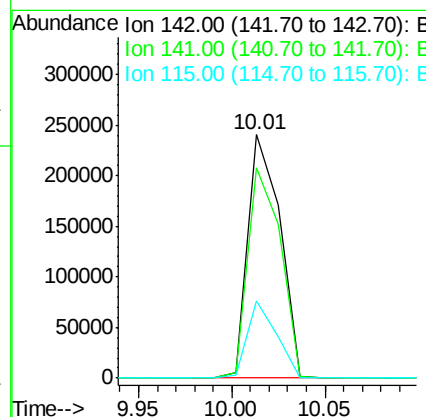
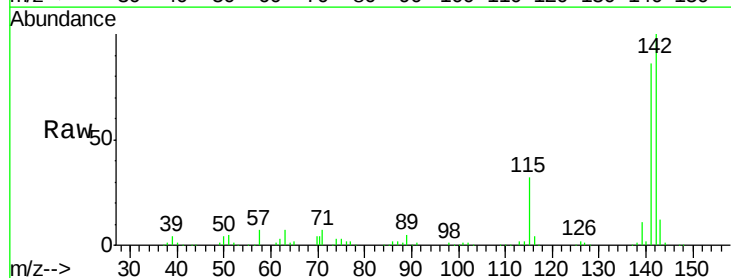
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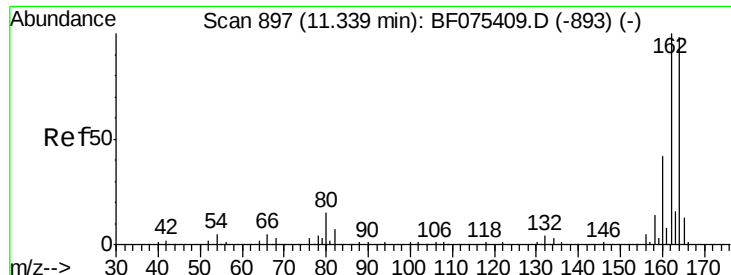
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#37
2-Methylnaphthalene
Concen: 40.94 ng
RT: 10.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	86.2	69.9	104.9	
115	31.6	27.6	41.4	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

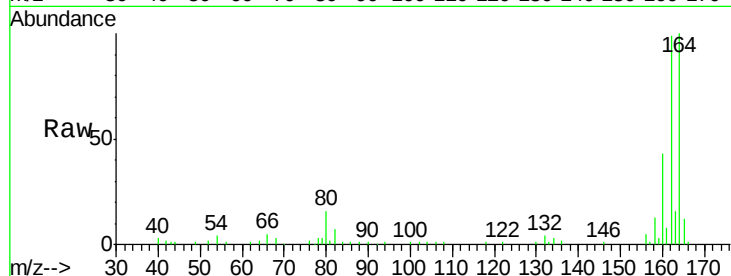
ClientSampleId :

PB80189BS

Tot Ion:	164	Resp:	120348
Ion Ratio	Lower	Upper	
164	100		
162	98.8	79.1	118.7
160	43.3	34.6	51.8

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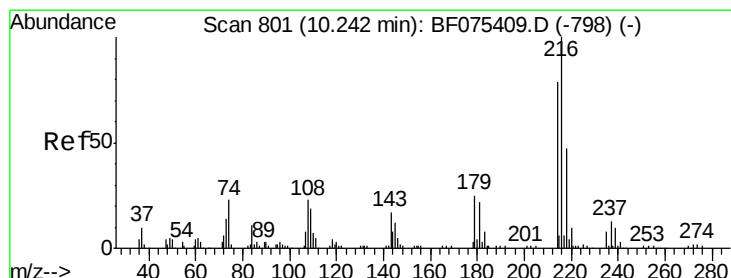
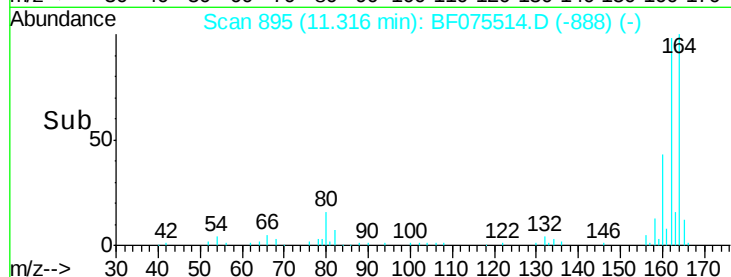
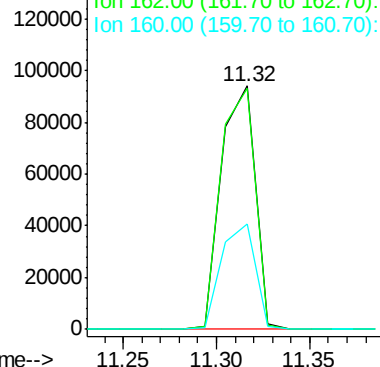


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.76 ng

RT: 10.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion:	216	Resp:	108251
Ion Ratio	Lower	Upper	
216	100		
214	78.4	62.8	94.2
179	21.9	18.7	28.1
108	25.4	18.1	27.1

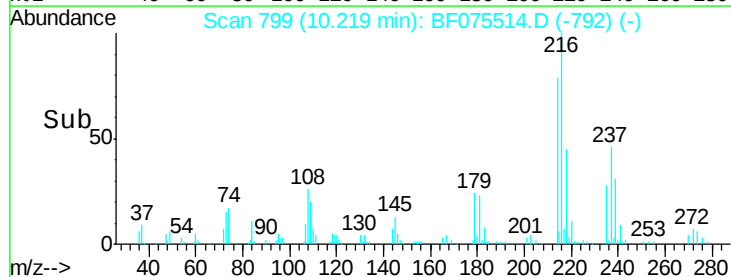
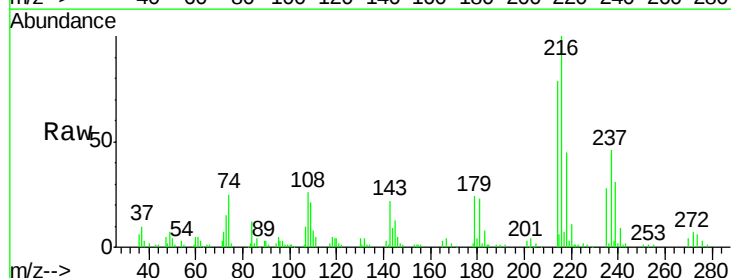
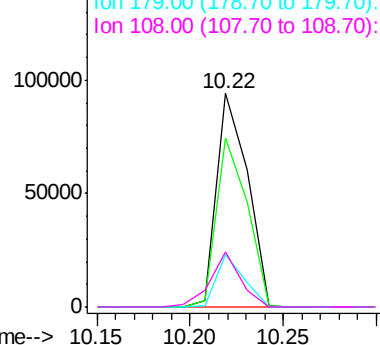
Abundance

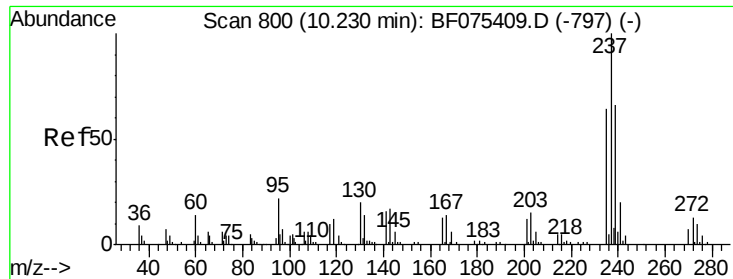
Ion 216.00 (215.70 to 216.70): E

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





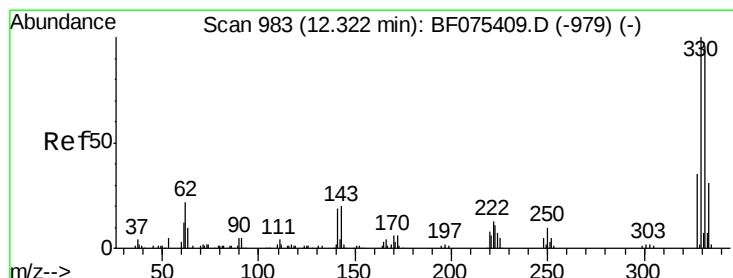
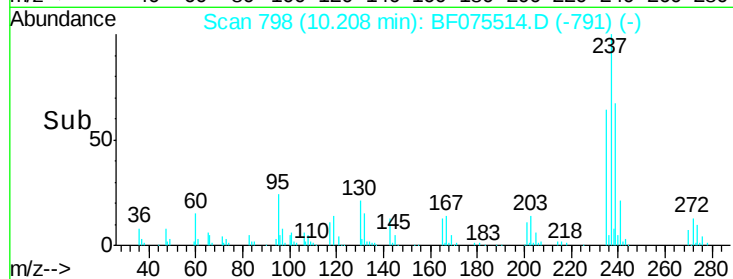
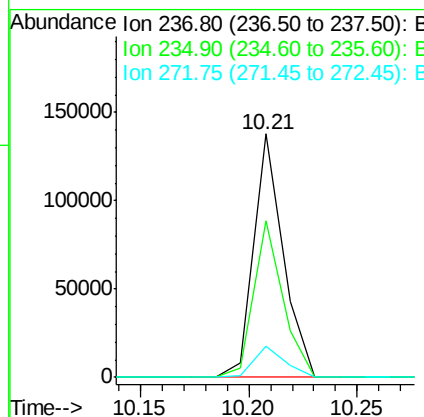
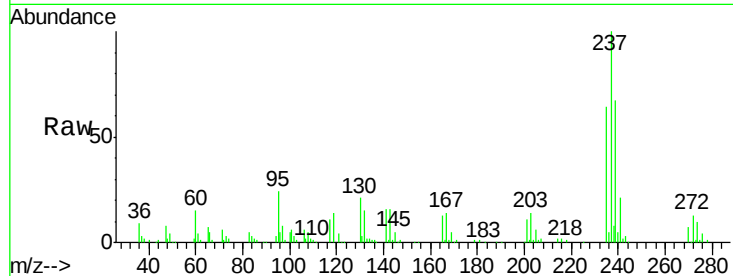
#40
Hexachlorocyclopentadiene
Concen: 86.26 ng
RT: 10.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.2	45.7	85.7
272	12.7	0.0	32.6

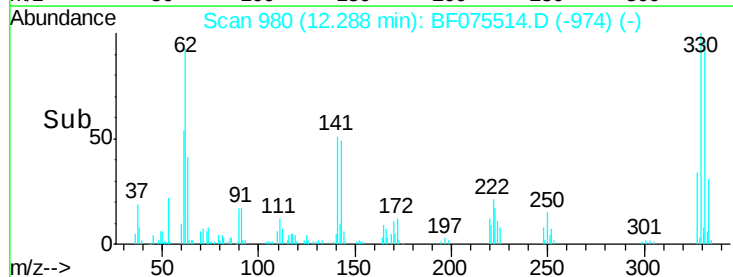
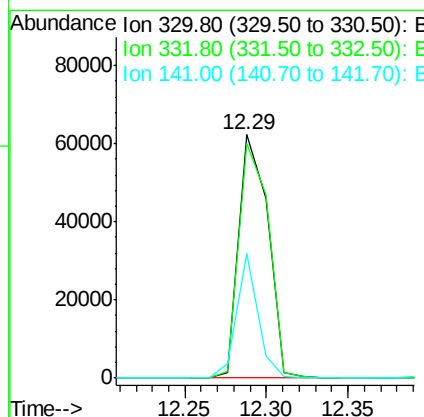
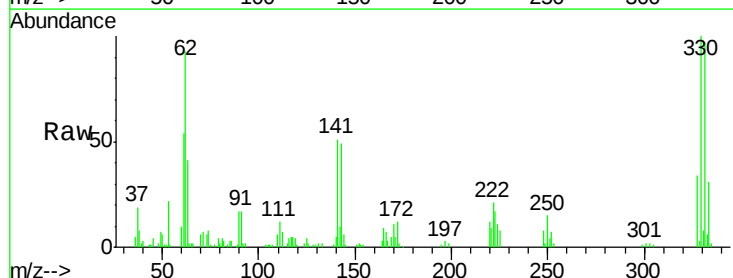
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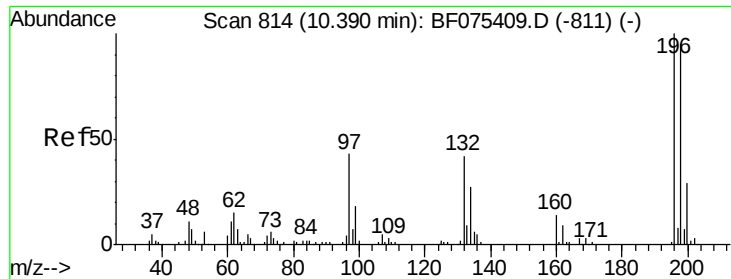
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#41
2,4,6-Tribromophenol
Concen: 75.83 ng
RT: 12.29 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	99.1	74.5	111.7
141	37.4	30.7	46.1





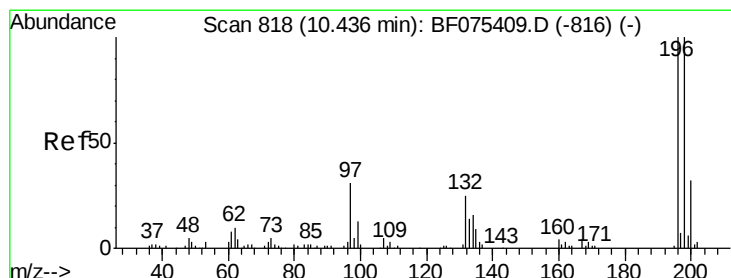
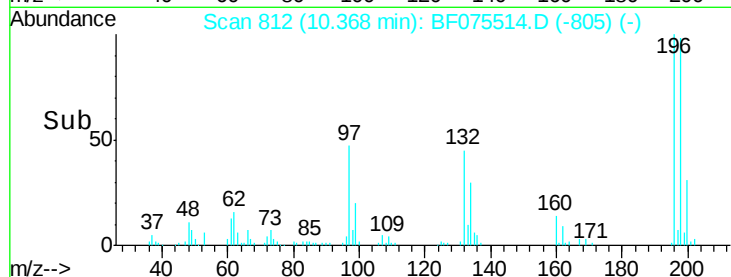
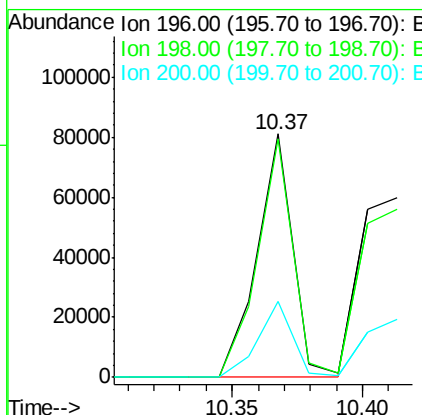
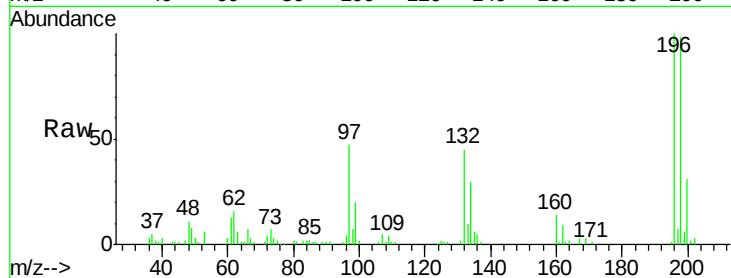
#42
2,4,6-Trichlorophenol
Concen: 39.26 ng
RT: 10.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampled :
PB80189BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	75.7	113.5
200	31.3	23.4	35.0

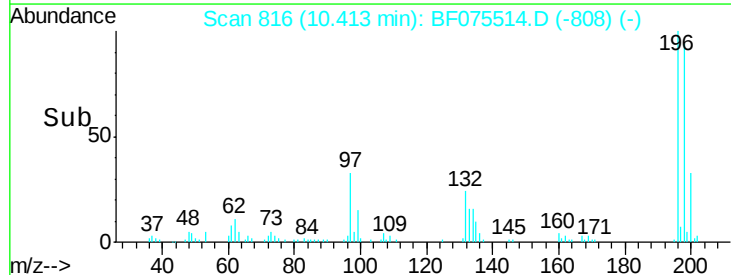
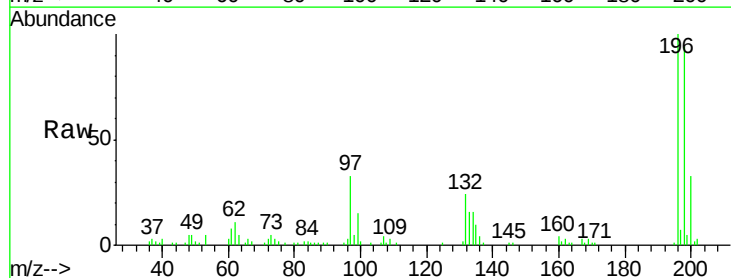
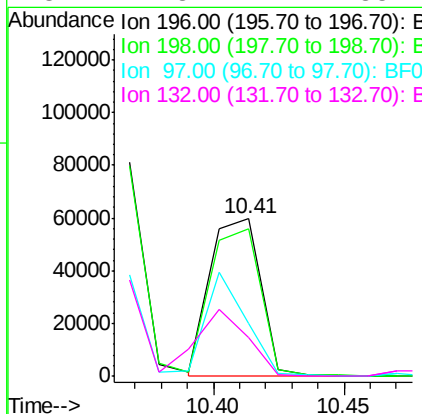
Manual Integrations
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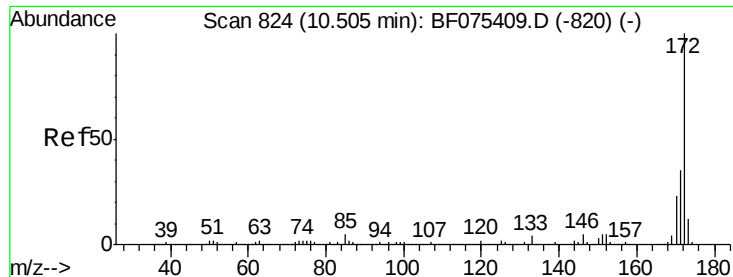
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#43
2,4,5-Trichlorophenol
Concen: 39.78 ng
RT: 10.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	78.2	117.4
97	33.3	29.9	44.9
132	24.3	22.2	33.2





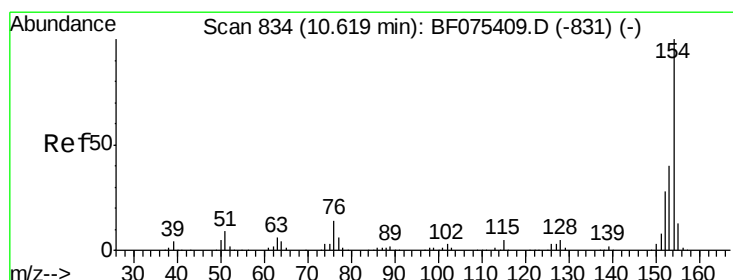
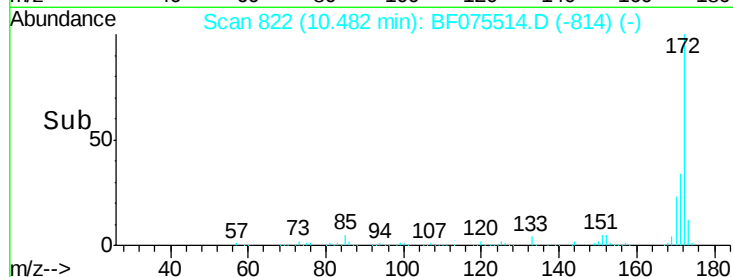
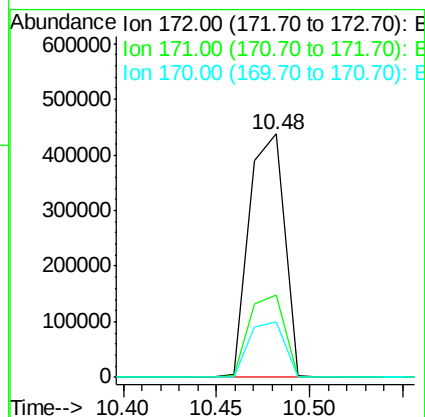
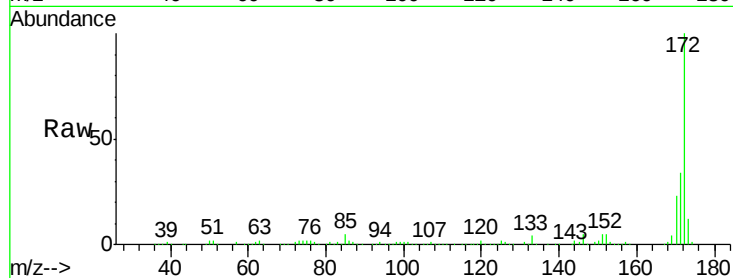
#44
2-Fluorobiphenyl
Concen: 86.02 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.3	40.9
170	22.6	18.4	27.6

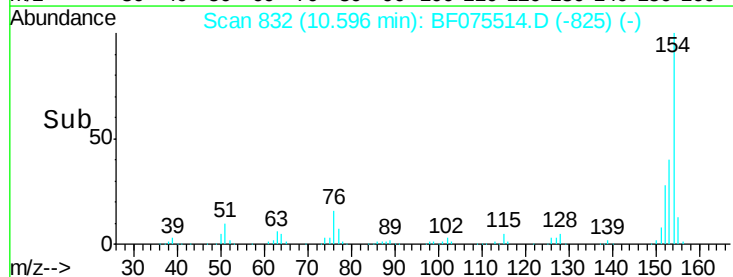
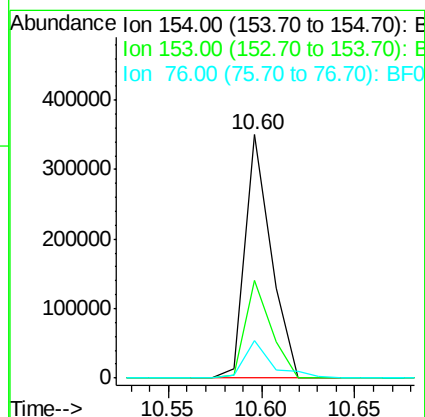
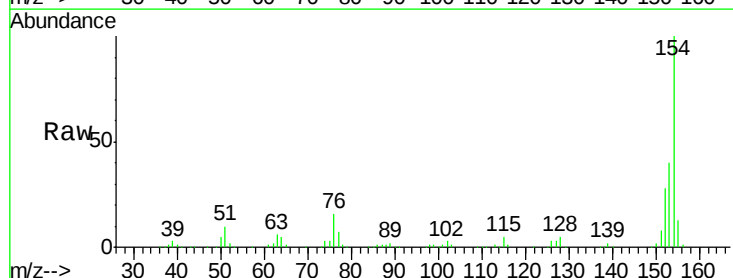
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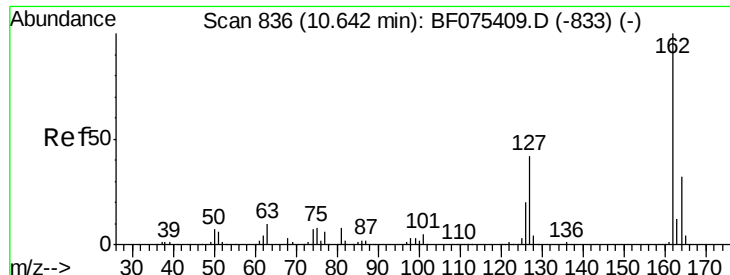
mohammad
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#45
1,1'-Biphenyl
Concen: 41.83 ng
RT: 10.60 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.3	59.3
76	15.5	0.0	35.0





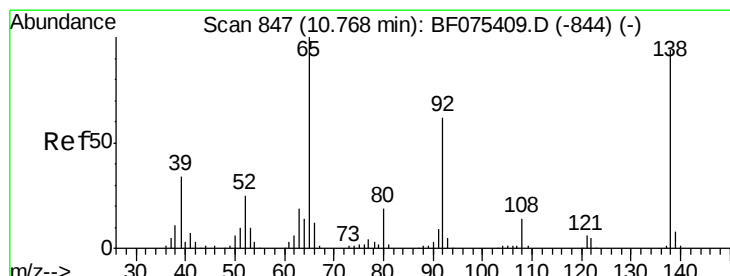
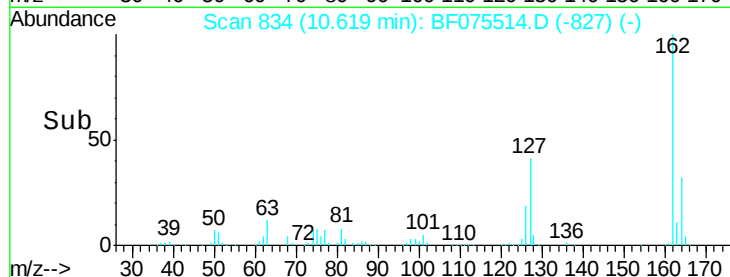
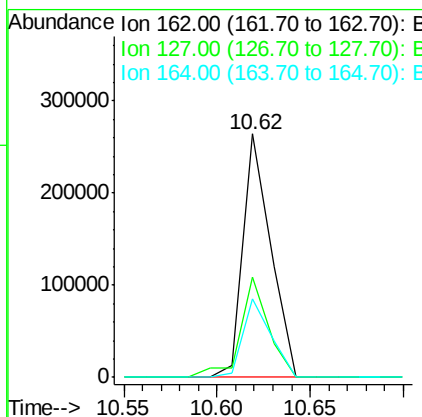
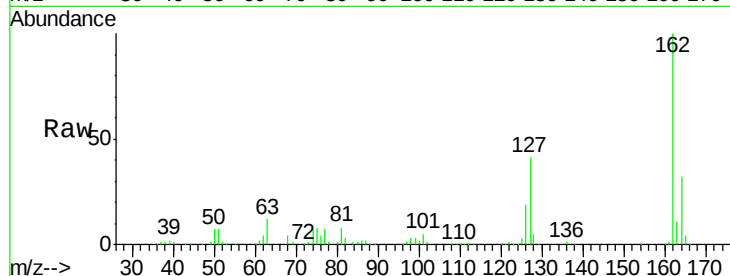
#46
2-Chloronaphthalene
Concen: 42.97 ng
RT: 10.62 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.3	34.6	51.8
164	32.1	25.1	37.7

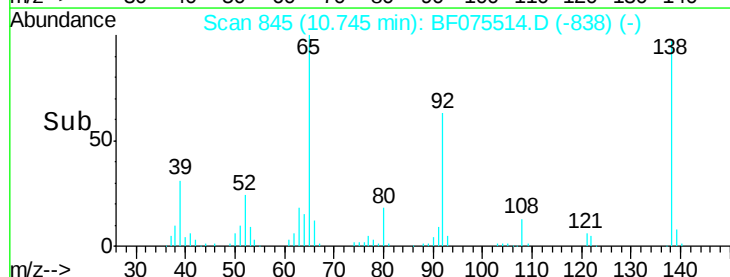
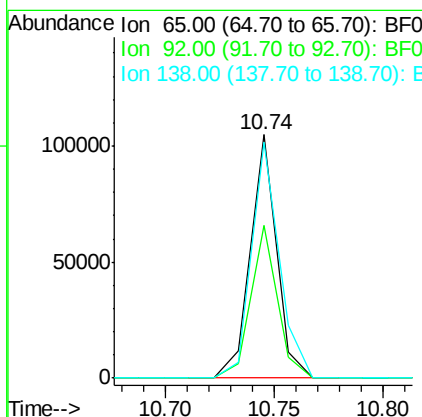
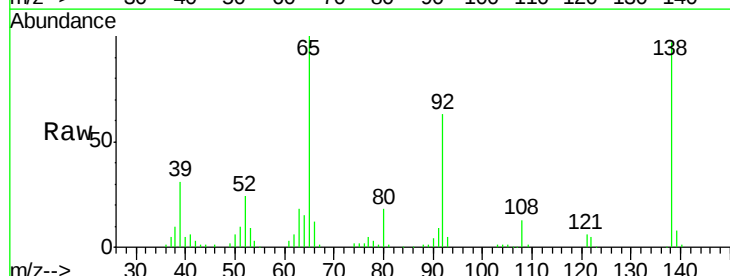
Manual Integrations
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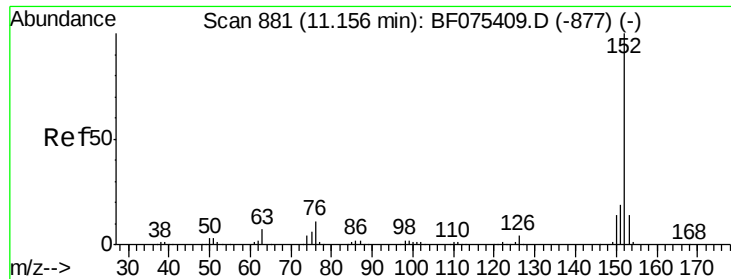
mohammad
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#47
2-Nitroaniline
Concen: 45.93 ng
RT: 10.74 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	62.8	46.7	70.1
138	96.8	62.8	94.2#





#48

Acenaphthylene

Concen: 44.01 ng

RT: 11.13 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

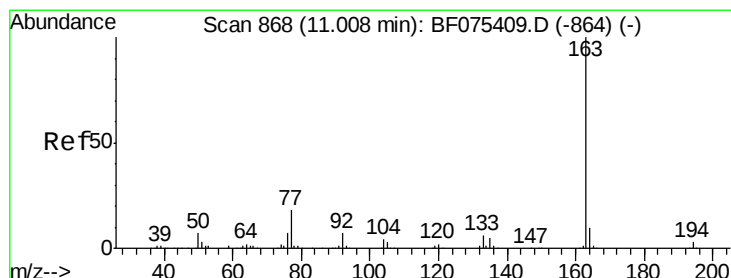
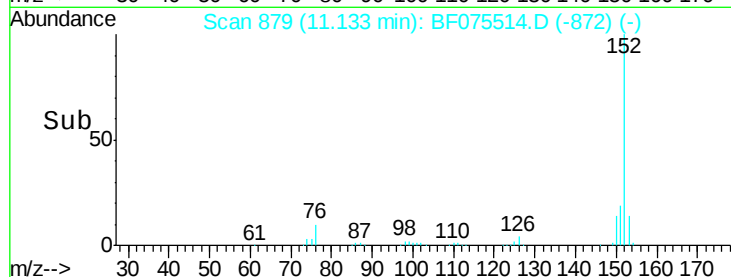
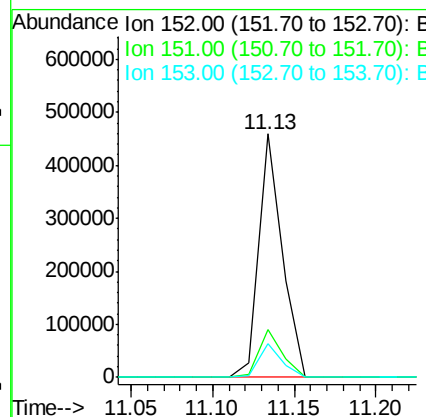
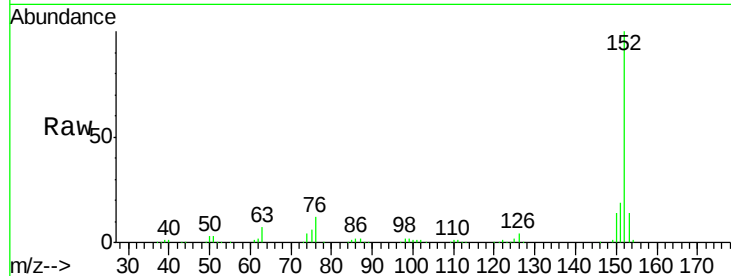
ClientSampleId :

PB80189BS

Tot Ion:	152	Resp:	460563
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.4	23.2
153	13.8	10.0	15.0

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#49

Dimethylphthalate

Concen: 40.68 ng

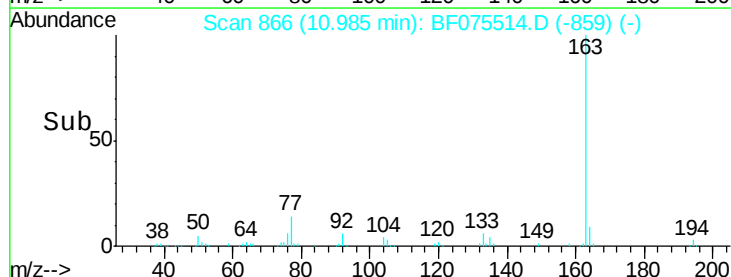
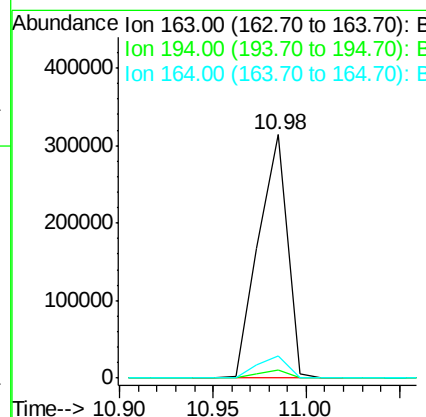
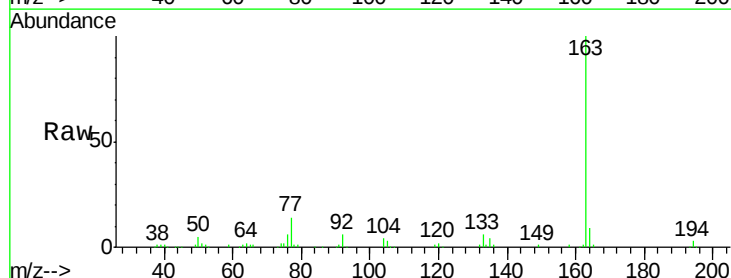
RT: 10.98 min Scan# 866

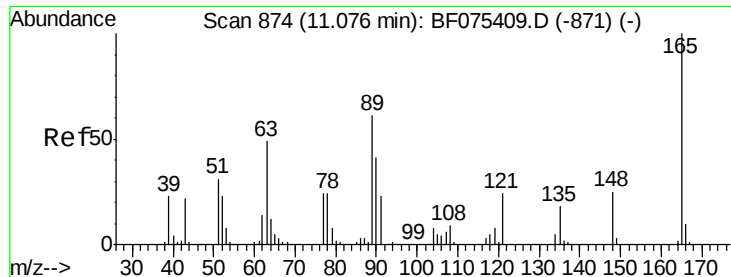
Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion:	163	Resp:	334690
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	9.3	8.0	12.0





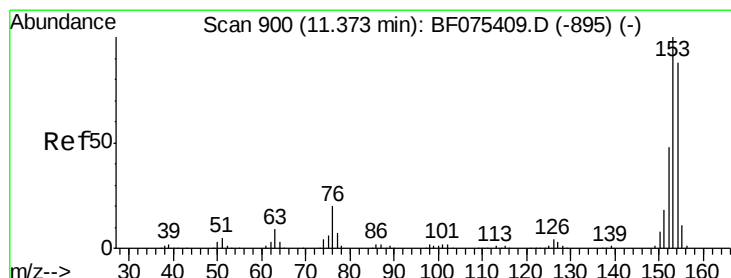
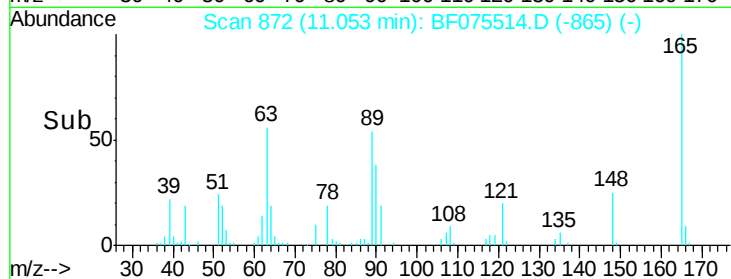
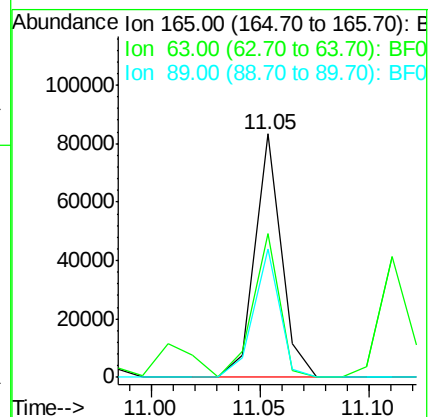
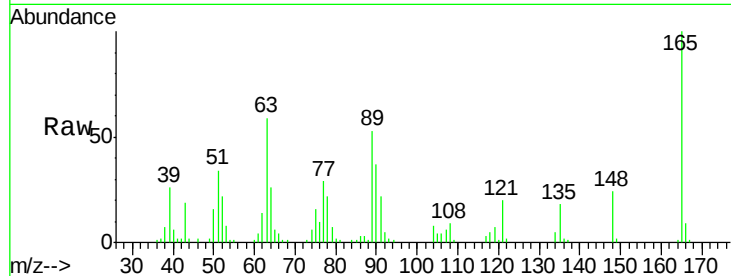
#50
 2,6-Dinitrotoluene
 Concen: 43.43 ng
 RT: 11.05 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF075514.D
 Acq: 15 Nov 2014 00:49

Instrument :
 BNA_F
 ClientSampled :
 PB80189BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.2	61.2	91.8#
89	52.5	52.5	78.7

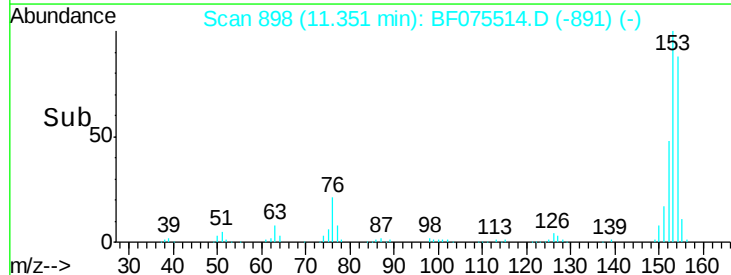
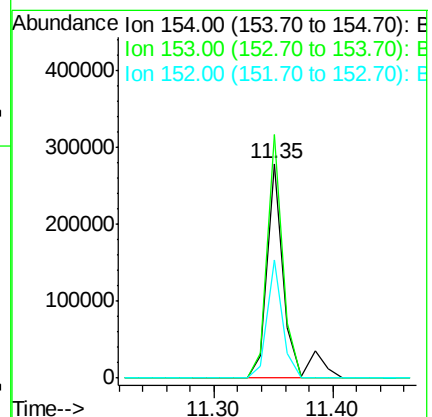
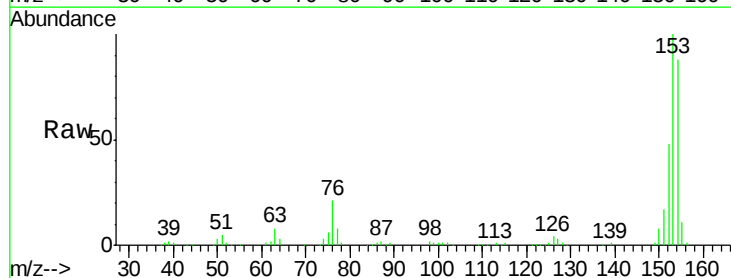
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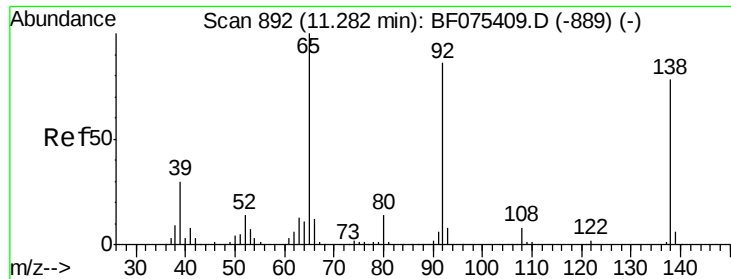
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#51
 Acenaphthene
 Concen: 45.99 ng
 RT: 11.35 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF075514.D
 Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.2	136.8
152	54.9	43.4	65.0





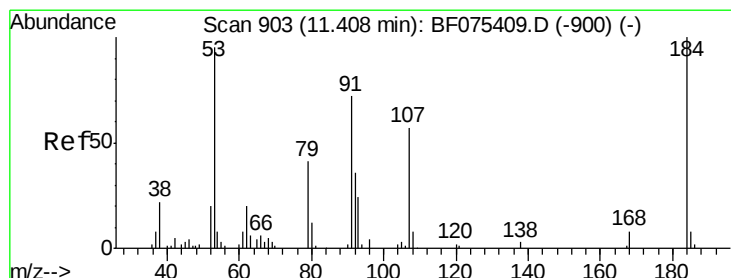
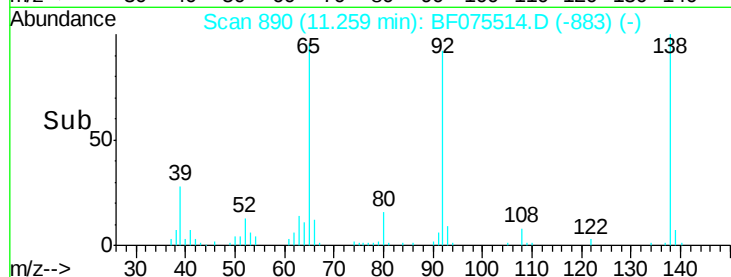
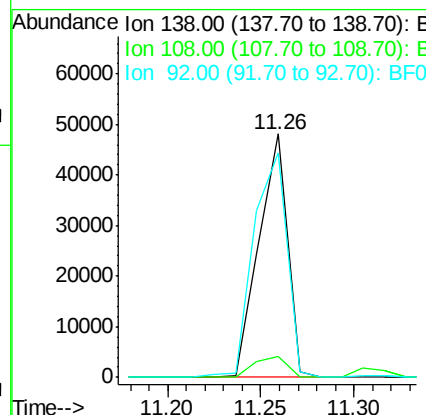
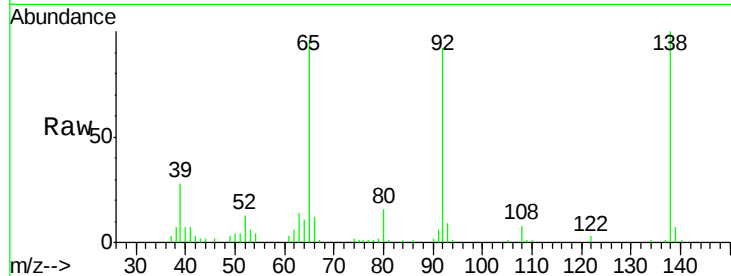
#52
3-Nitroaniline
Concen: 26.64 ng
RT: 11.26 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.4	10.2	15.2#
92	92.3	91.0	136.6

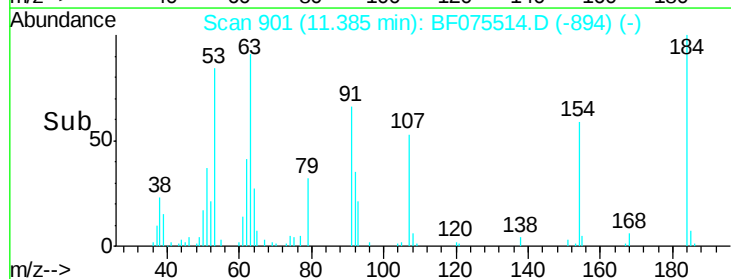
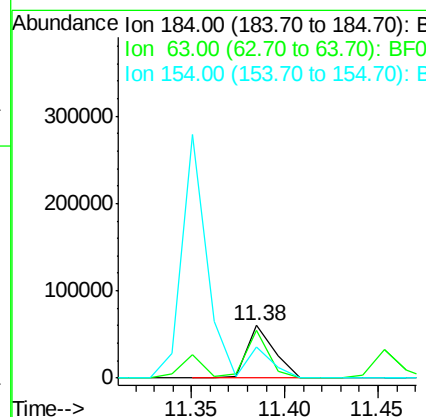
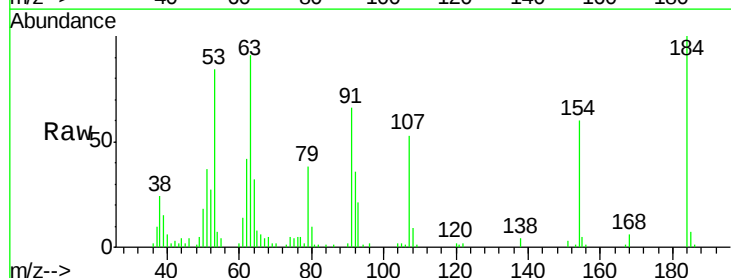
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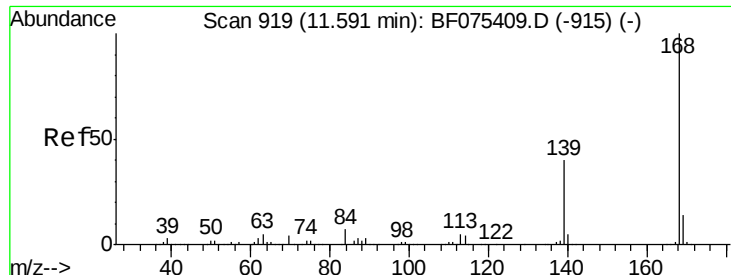
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#53
2,4-Dinitrophenol
Concen: 70.97 ng
RT: 11.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	90.8	96.3	144.5#
154	59.6	56.2	84.4





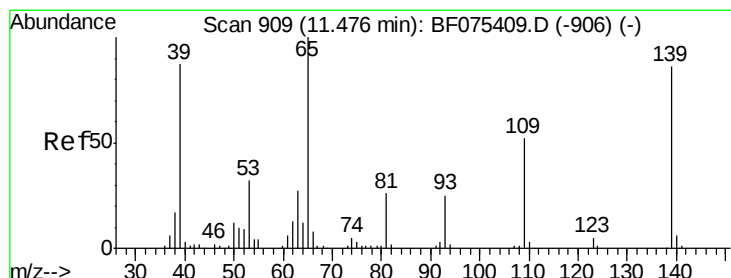
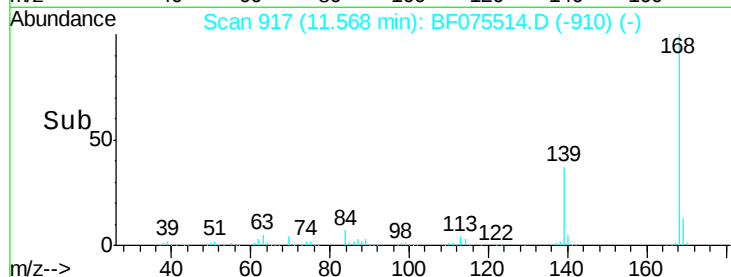
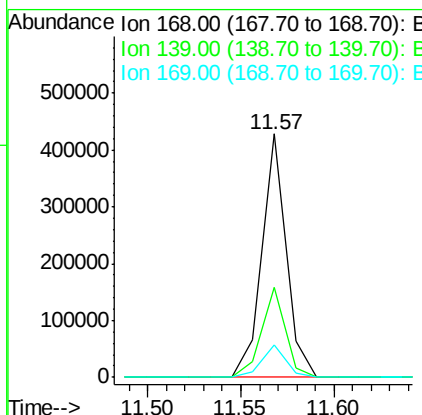
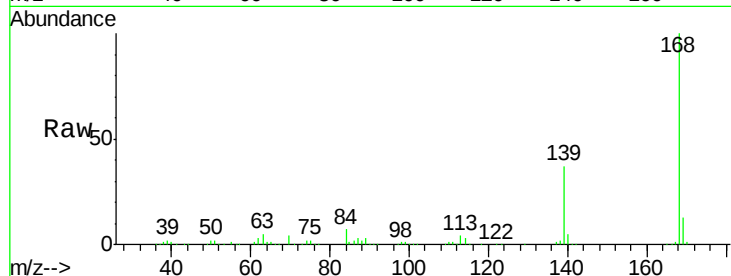
#54
Dibenzofuran
Concen: 42.32 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	382091		
139	36.8		33.0	49.4
169	13.5		10.8	16.2

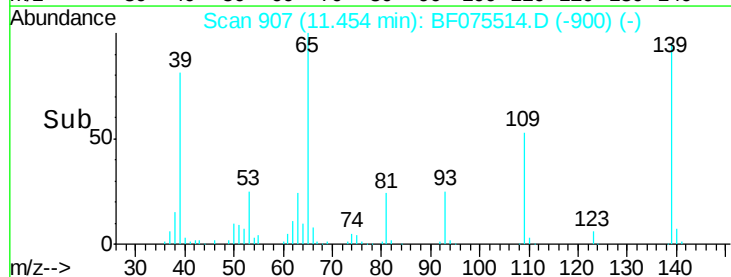
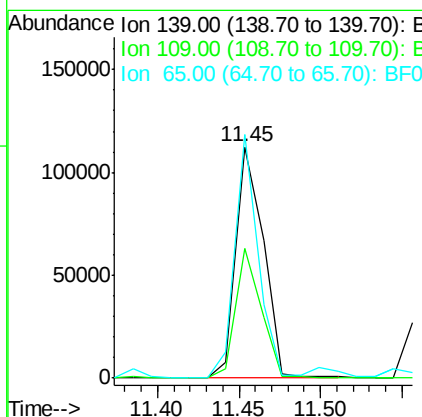
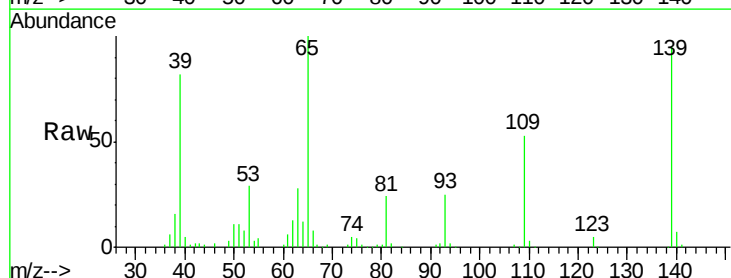
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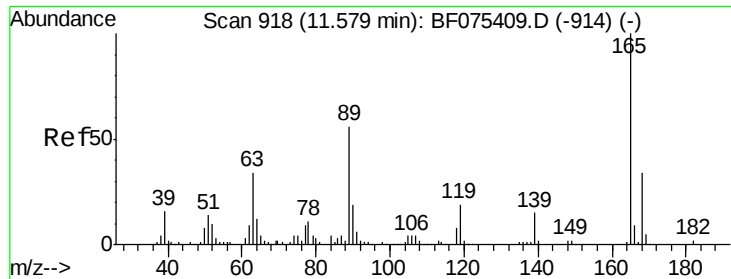
mohammad
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#55
4-Nitrophenol
Concen: 85.79 ng
RT: 11.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	131035		
109	55.9		45.8	85.8
65	105.3		94.8	134.8





#56

2,4-Dinitrotoluene

Concen: 44.76 ng

RT: 11.56 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF075514.D

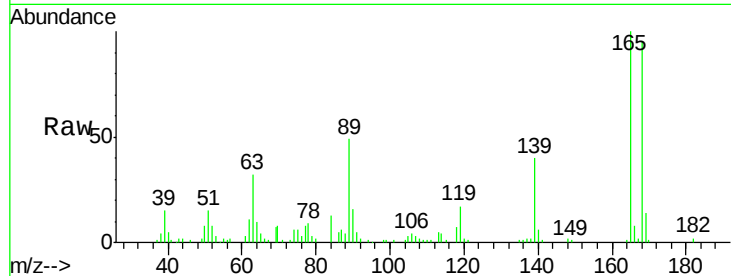
Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

ClientSampled :

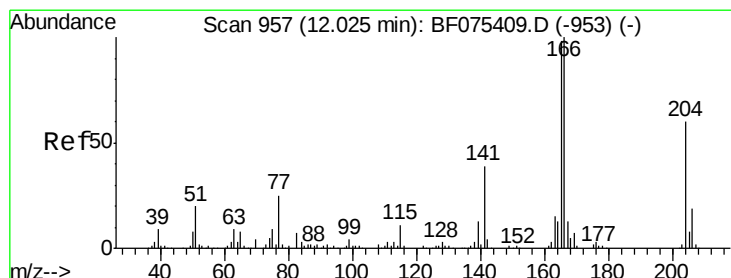
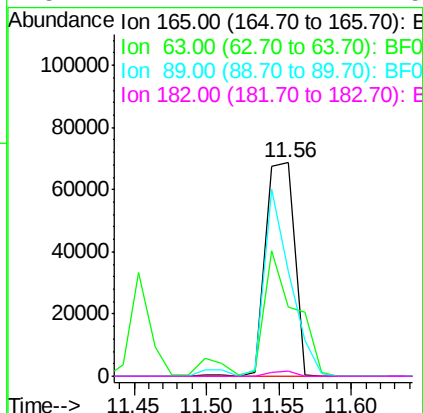
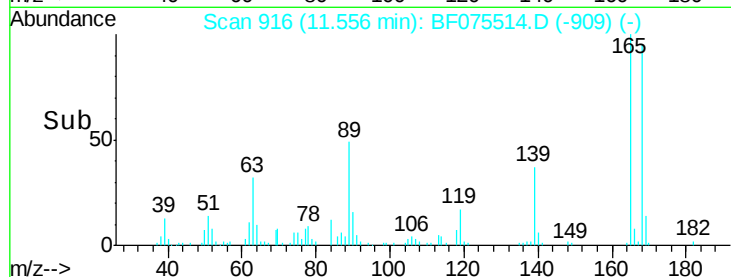
PB80189BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		95294		
63	32.4	27.0	40.6		
89	48.9	47.8	71.6		
182	2.4	1.7	2.5		

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#57

Fluorene

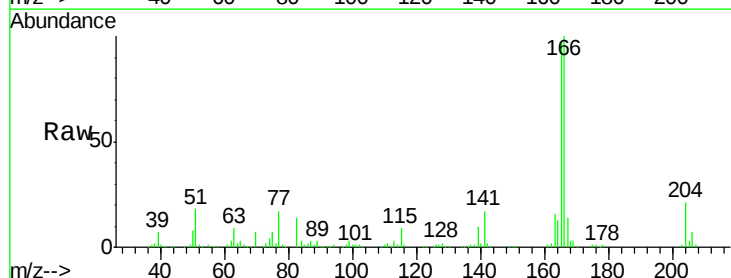
Concen: 42.22 ng

RT: 11.99 min Scan# 954

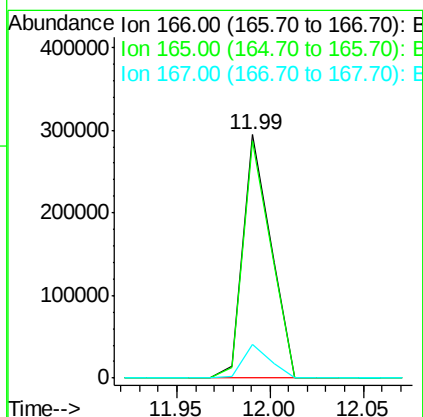
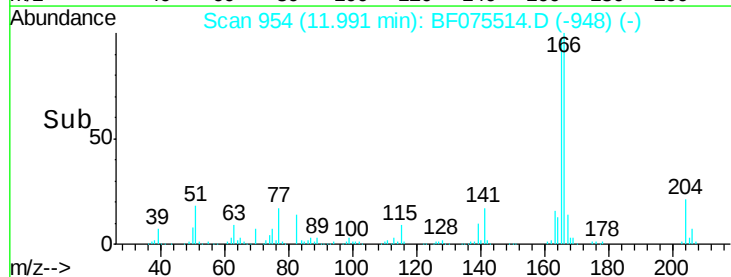
Delta R.T. -0.03 min

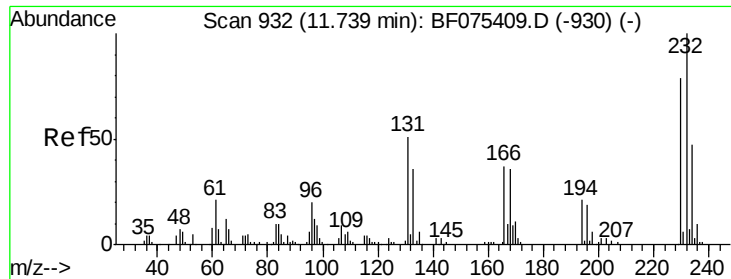
Lab File: BF075514.D

Acq: 15 Nov 2014 00:49



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		308252		
165	97.3	78.8	118.2		
167	13.8	10.6	15.8		





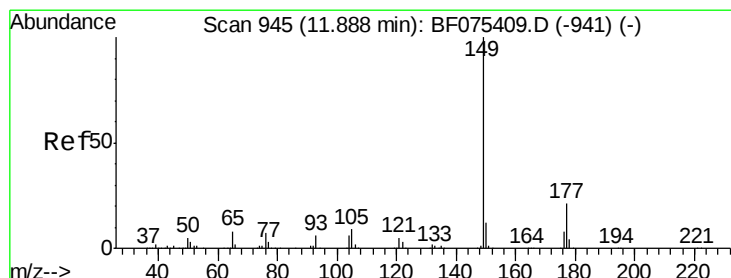
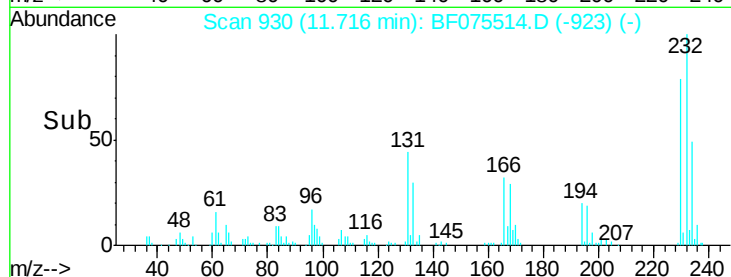
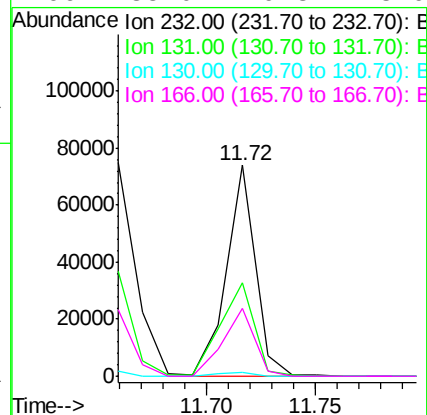
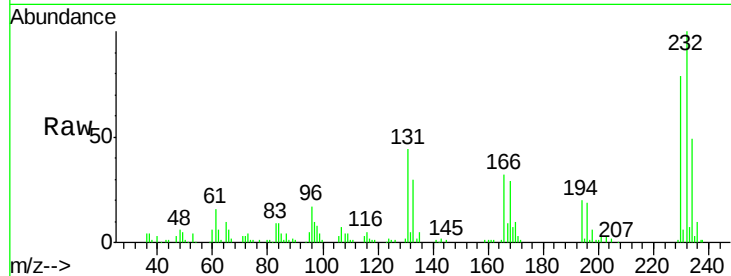
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.22 ng
 RT: 11.72 min Scan# 930
 Delta R.T. -0.02 min
 Lab File: BF075514.D
 Acq: 15 Nov 2014 00:49

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.6	44.6	67.0
130	2.2	2.5	3.7#
166	35.0	29.3	43.9

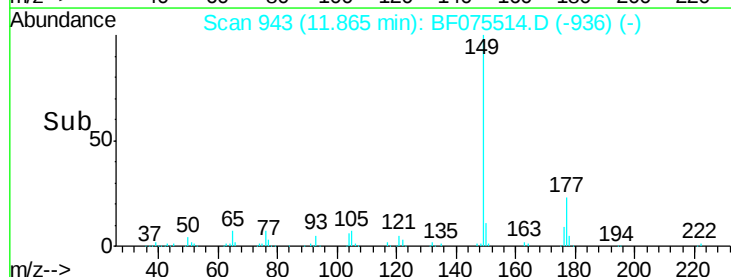
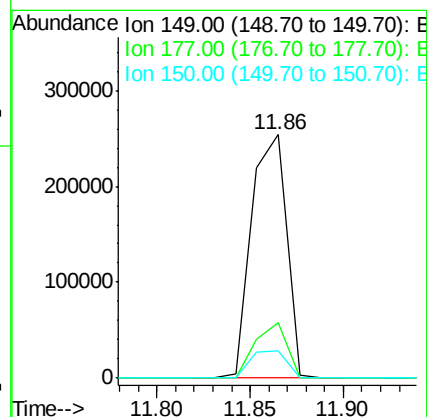
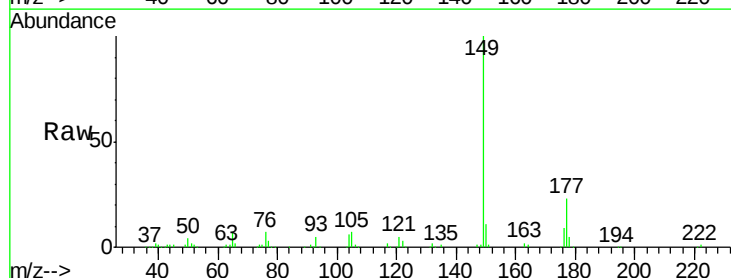
Manual Integrations
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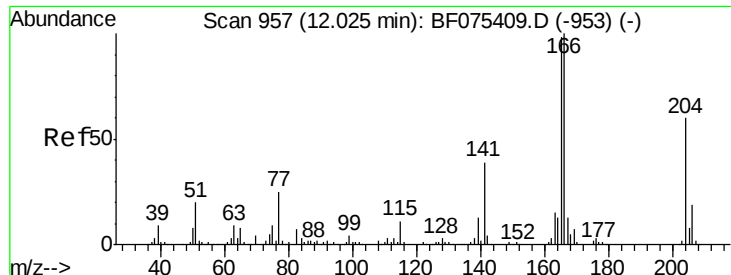
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#59
 Diethylphthalate
 Concen: 38.54 ng
 RT: 11.86 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF075514.D
 Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	15.8	23.8
150	11.1	9.9	14.9





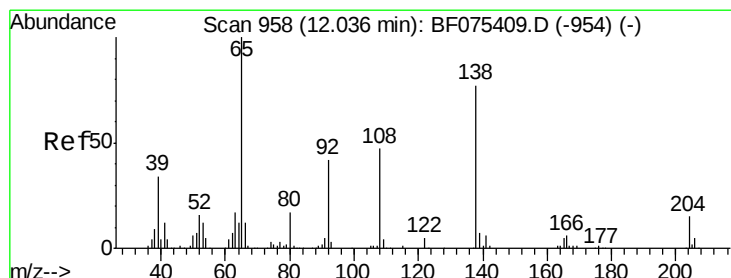
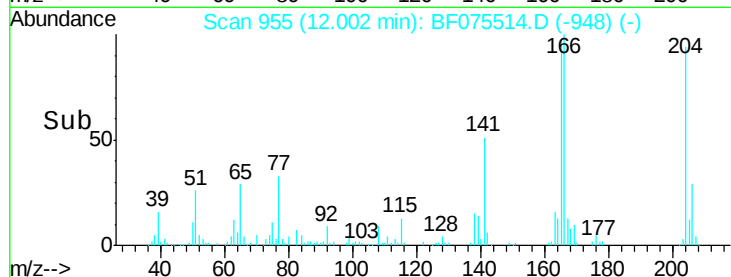
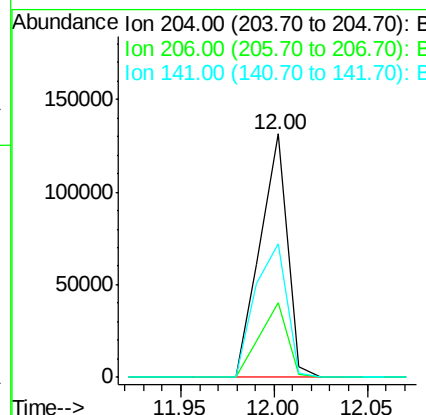
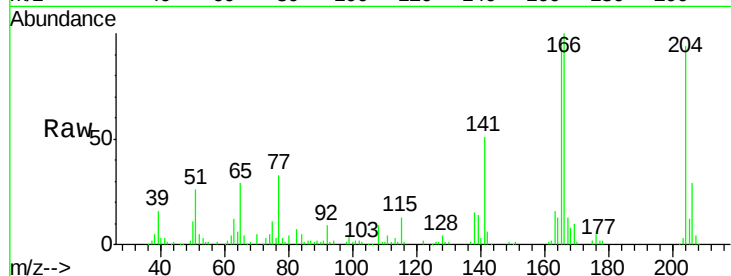
#60
4-Chlorophenyl-phenylether
Concen: 43.23 ng
RT: 12.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	30.7	25.1	37.7
141	54.6	58.6	87.8

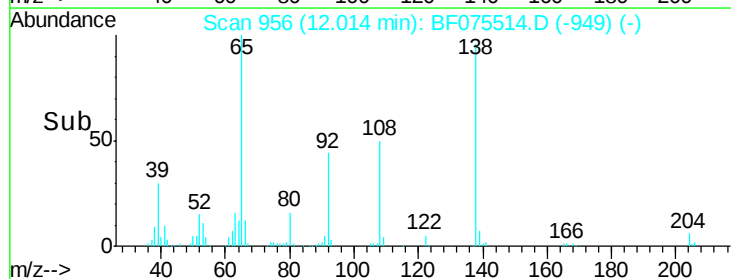
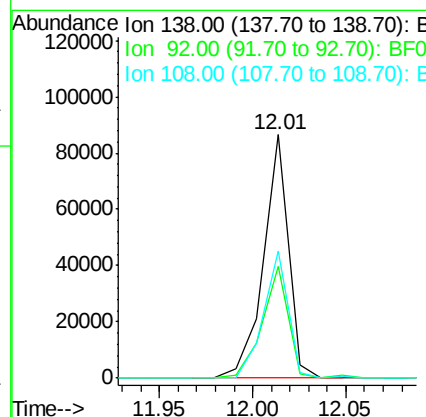
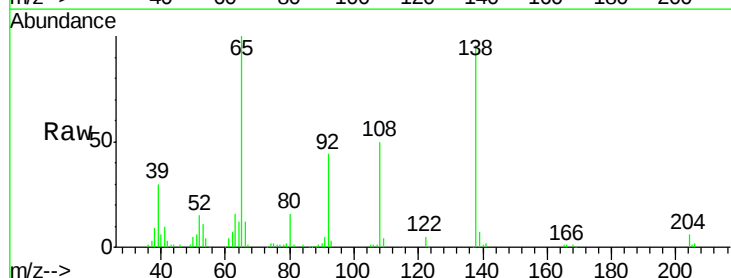
Manual Integrations
APPROVED

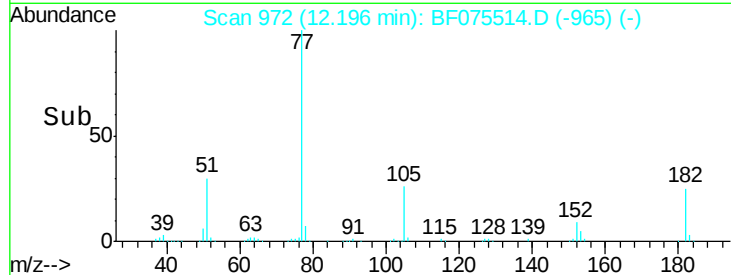
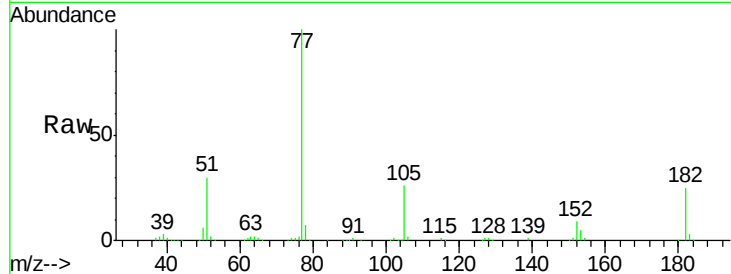
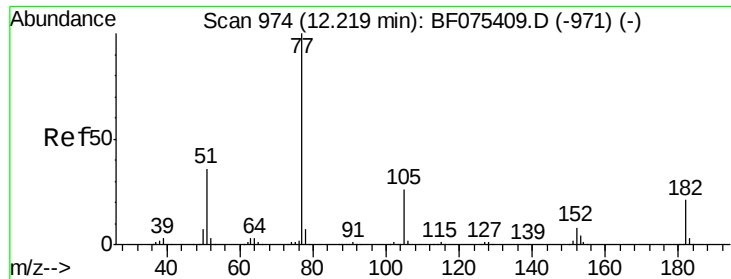
mohammad
11/17/2014 7:34:58 PM



#61
4-Nitroaniline
Concen: 41.52 ng
RT: 12.01 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.9	34.8	74.8
108	52.2	50.6	90.6





#62

Azobenzene

Concen: 43.02 ng

RT: 12.20 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.3	0.0	37.1		
105	26.3	3.7	43.7		
51	29.7	18.7	58.7		

Instrument :

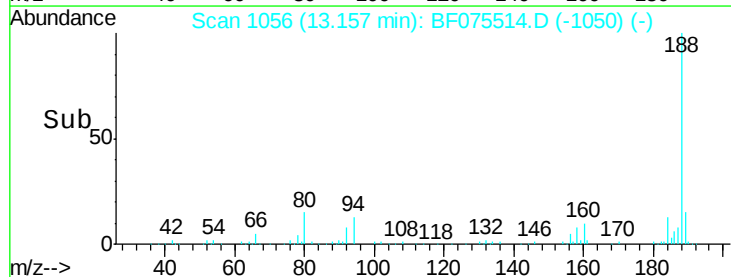
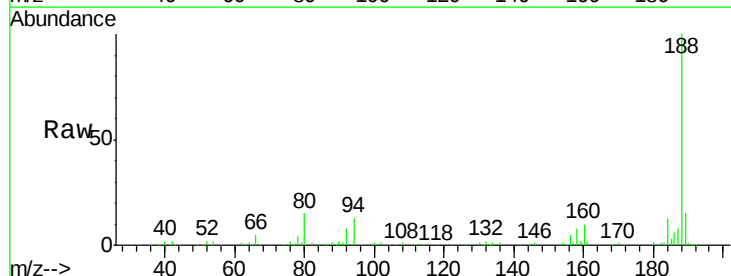
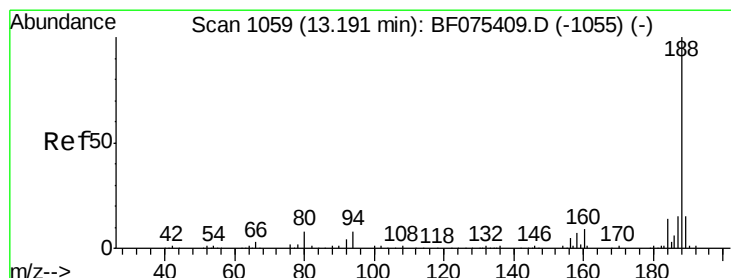
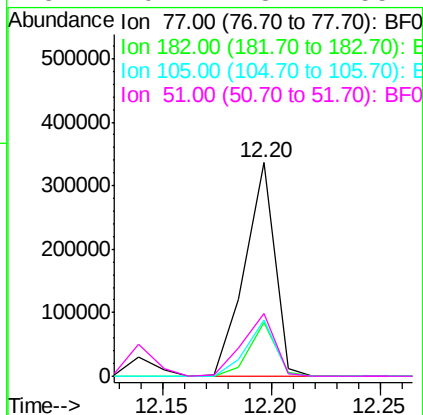
BNA_F

ClientSampleId :

PB80189BS

Manual Integrations
APPROVED

mohammad
11/17/2014 7:34:58 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

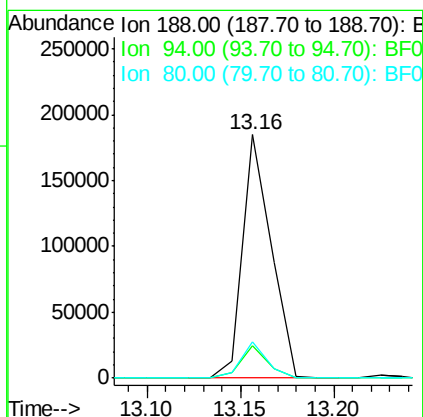
RT: 13.16 min Scan# 1056

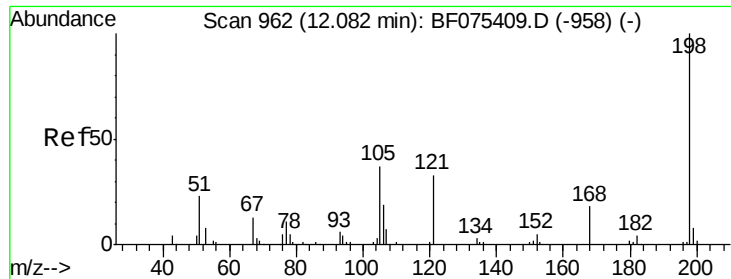
Delta R.T. -0.03 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	13.1	7.8	11.6#		
80	14.9	8.0	12.0#		





#64

4,6-Dinitro-2-methylphenol

Concen: 40.82 ng

RT: 12.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

ClientSampleId :

PB80189BS

Tot Ion:198 Resp: 40681

Ion Ratio Lower Upper

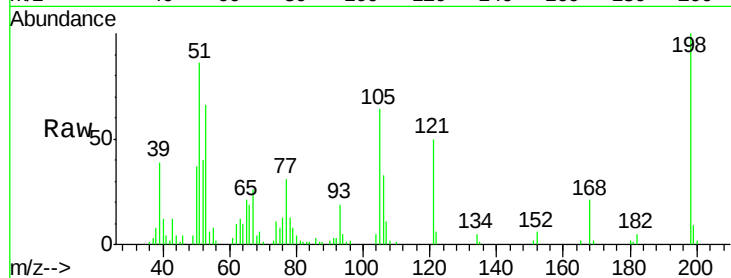
198 100

51 85.8 26.0 66.0#

105 64.3 24.2 64.2#

Manual Integrations
APPROVED

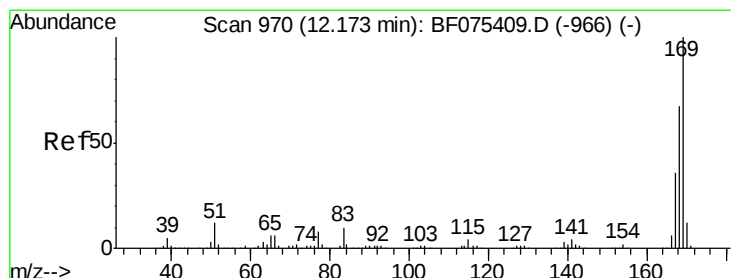
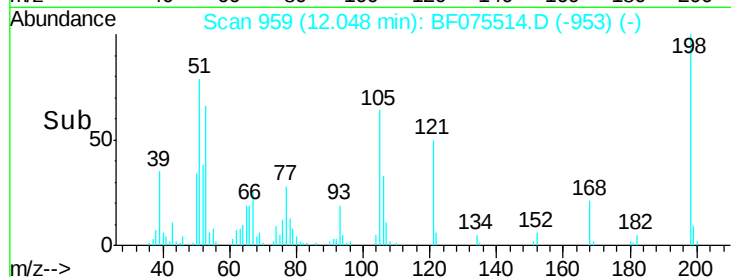
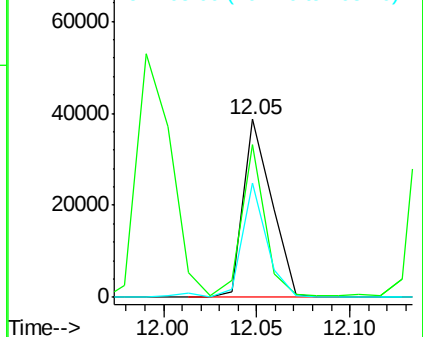
mohammad
11/17/2014 7:34:58 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 41.59 ng

RT: 12.14 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

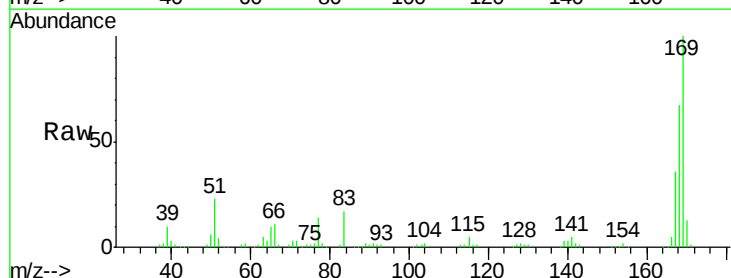
Tgt Ion:169 Resp: 259175

Ion Ratio Lower Upper

169 100

168 66.6 53.5 80.3

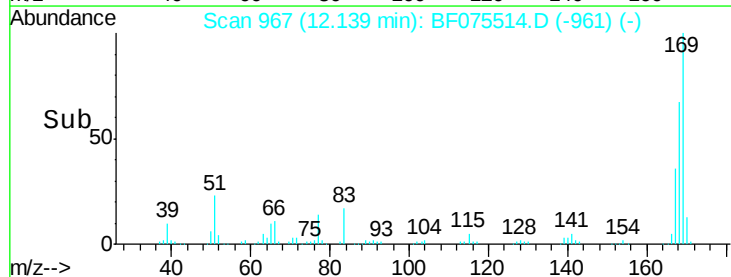
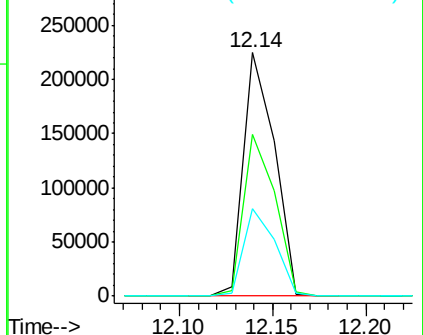
167 36.0 29.8 44.6

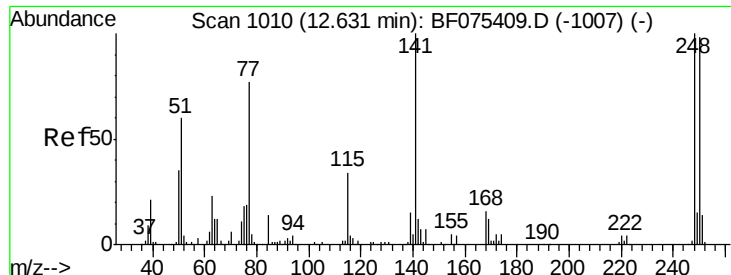


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





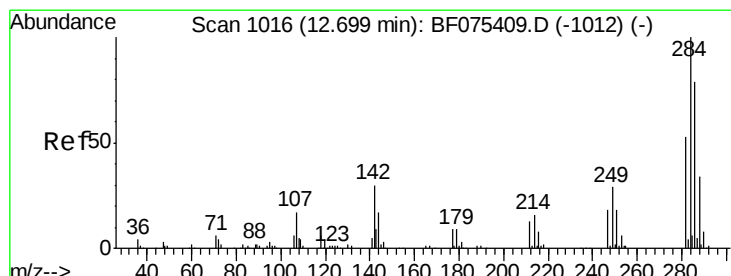
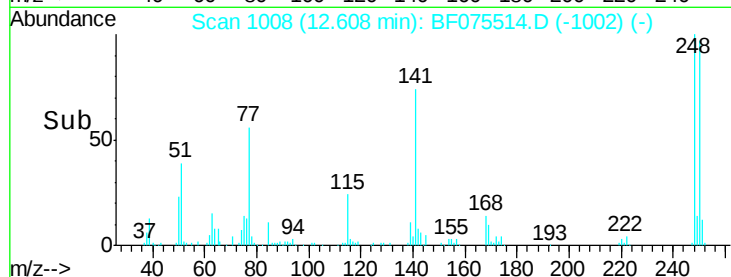
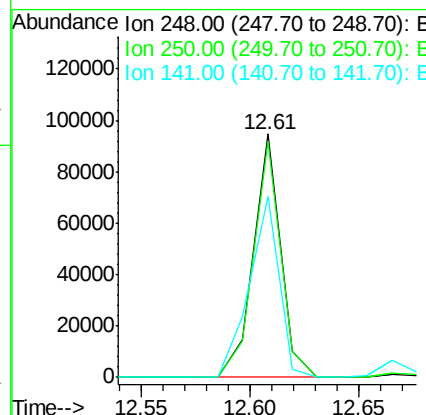
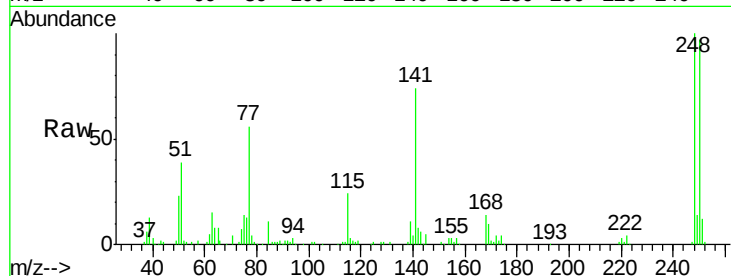
#66
4-Bromophenyl-phenylether
Concen: 44.31 ng
RT: 12.61 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.3	114.5
141	74.4	44.3	66.5

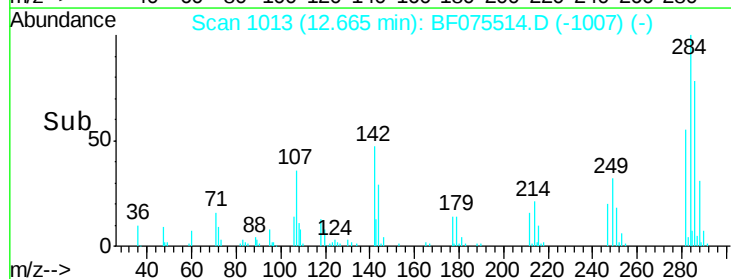
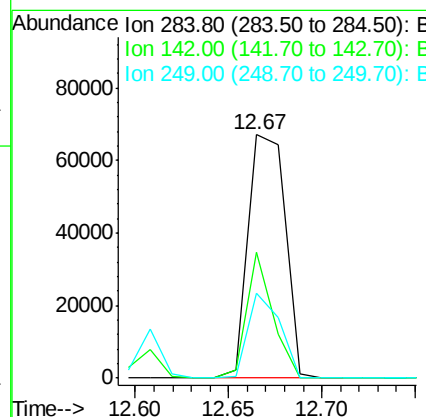
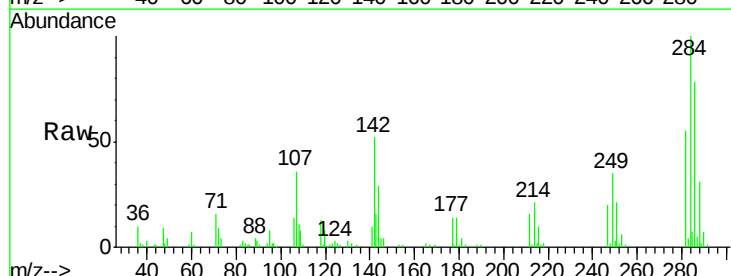
Manual Integrations
APPROVED

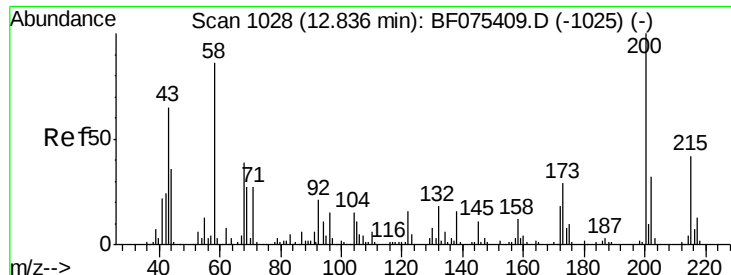
mohammad
11/17/2014 7:34:58 PM



#67
Hexachlorobenzene
Concen: 43.80 ng
RT: 12.67 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	51.8	28.7	43.1
249	35.1	24.1	36.1





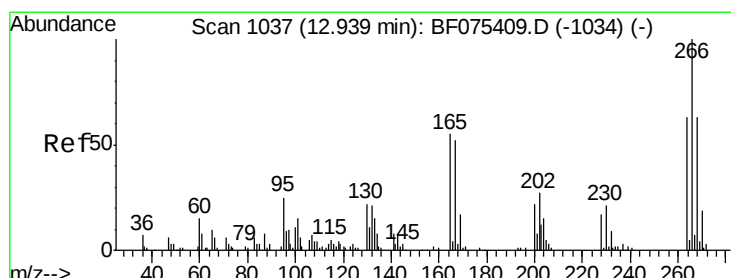
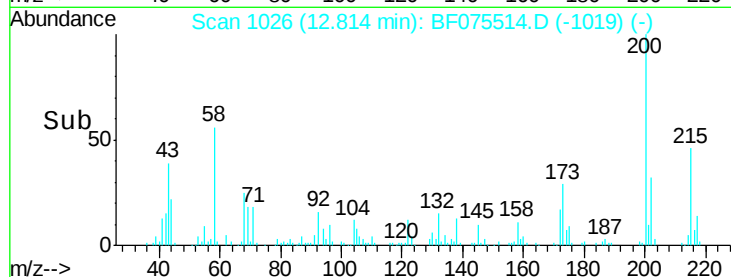
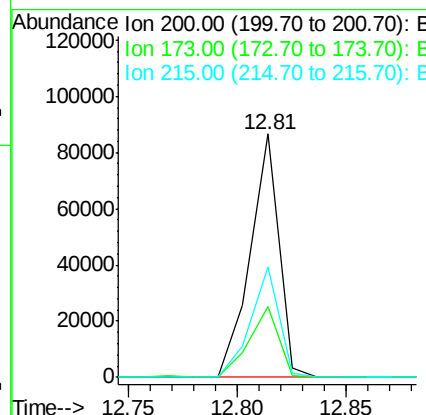
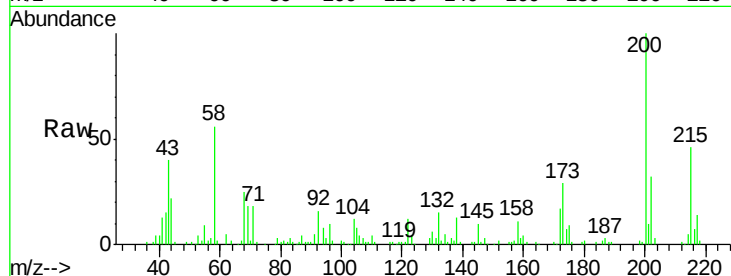
#68
Atrazine
Concen: 40.88 ng
RT: 12.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	12.3	52.3
215	45.6	23.8	63.8

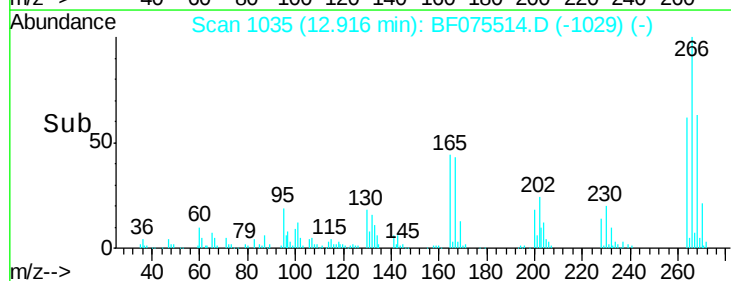
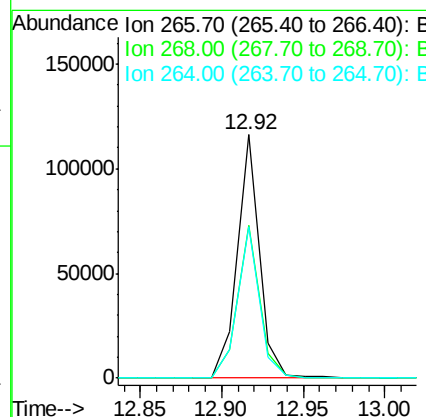
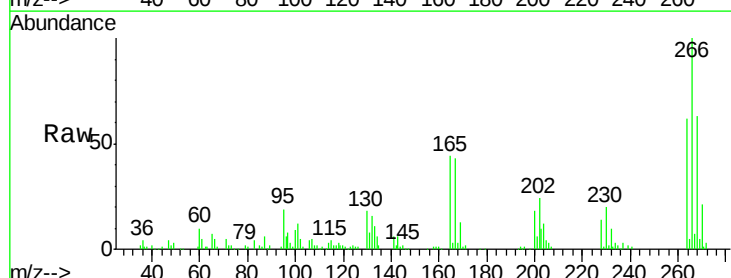
Manual Integrations
APPROVED

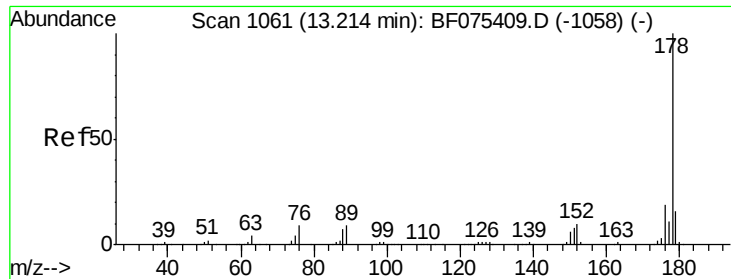
mohammad
11/17/2014 7:34:58 PM



#69
Pentachlorophenol
Concen: 82.16 ng
RT: 12.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	48.6	73.0
264	62.1	52.1	78.1





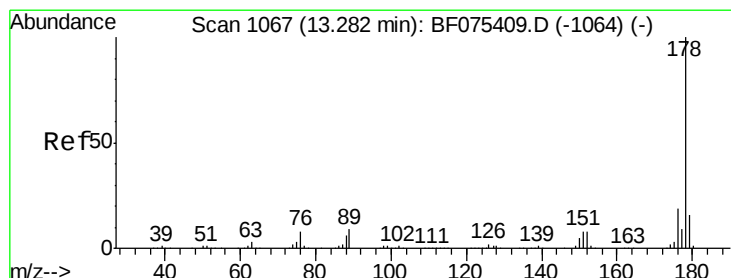
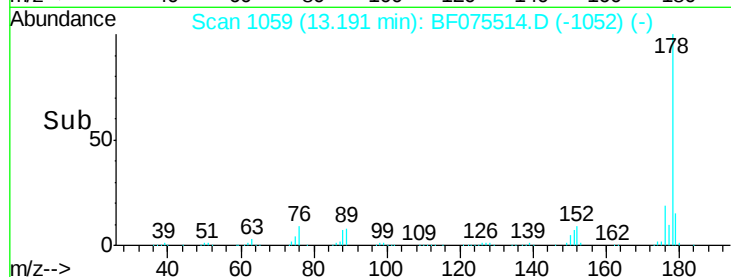
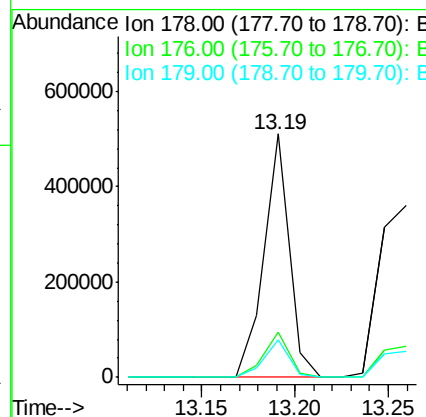
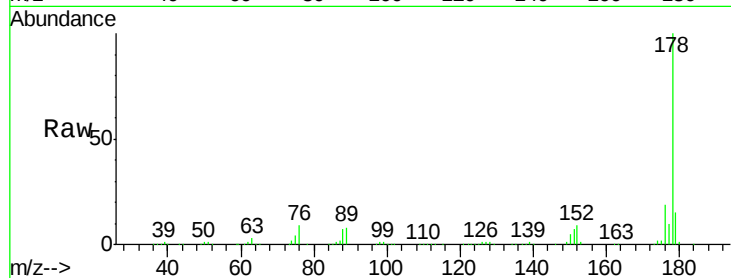
#70
Phenanthrene
Concen: 45.97 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.2	12.2	18.4

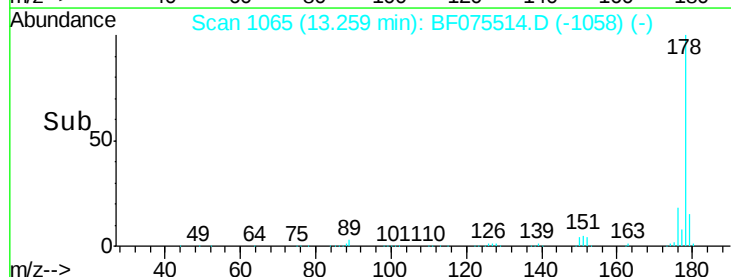
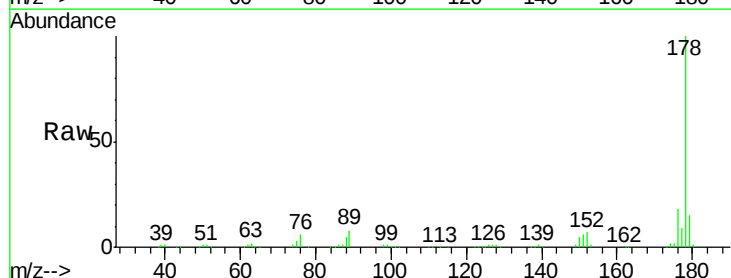
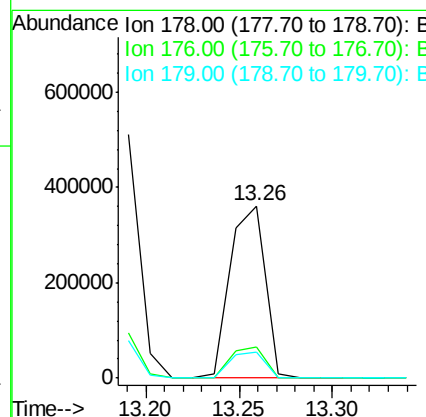
Manual Integrations
APPROVED

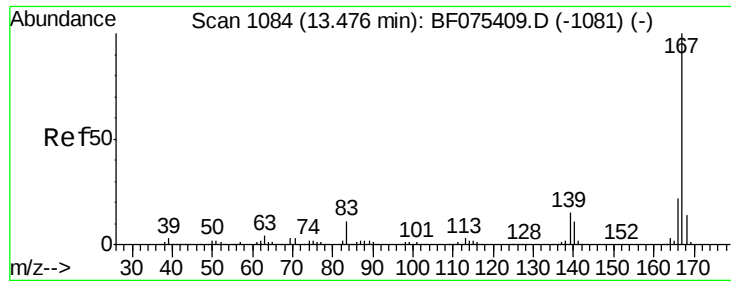
mohammad
11/17/2014 7:34:58 PM



#71
Anthracene
Concen: 44.59 ng
RT: 13.26 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.1	22.7
179	15.1	12.2	18.2





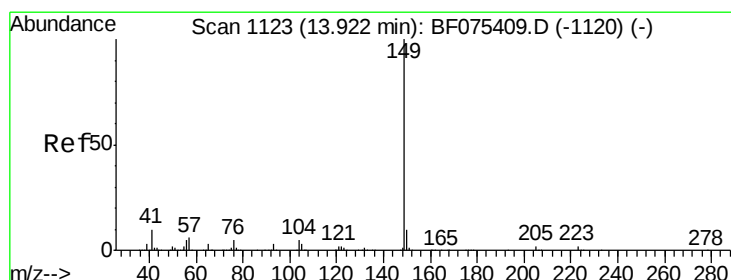
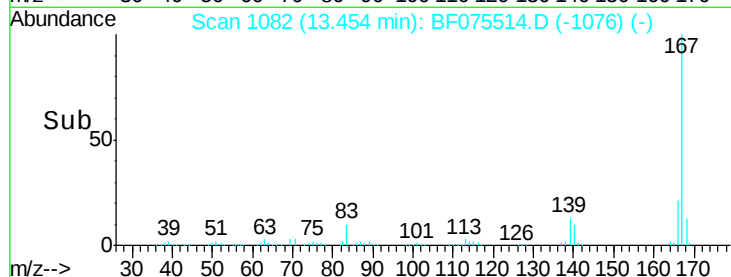
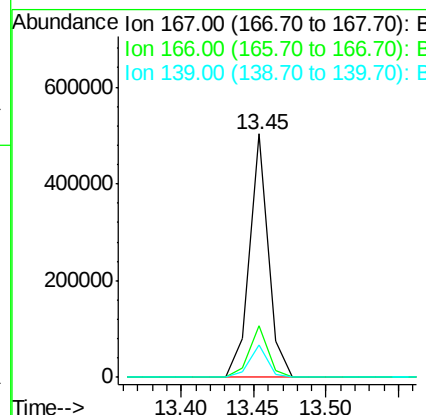
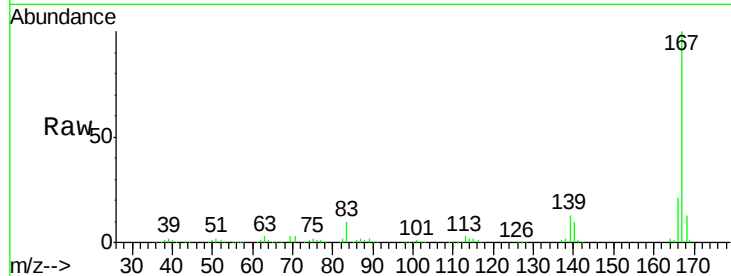
#72
 Carbazole
 Concen: 43.07 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BF075514.D
 Acq: 15 Nov 2014 00:49

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	451664		
166	21.0	17.4	26.0	
139	13.2	10.1	15.1	

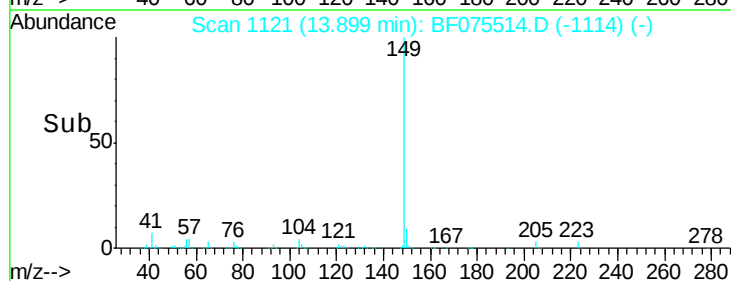
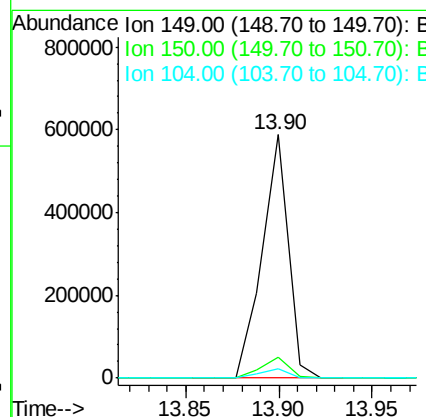
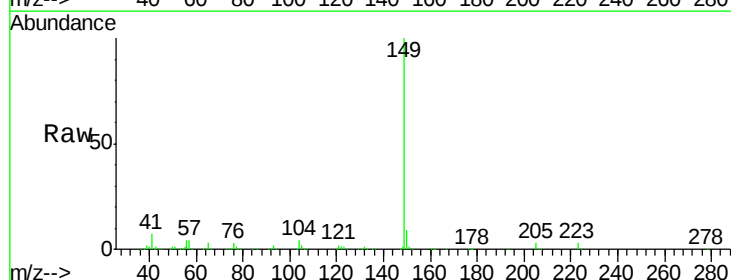
Manual Integrations
 APPROVED

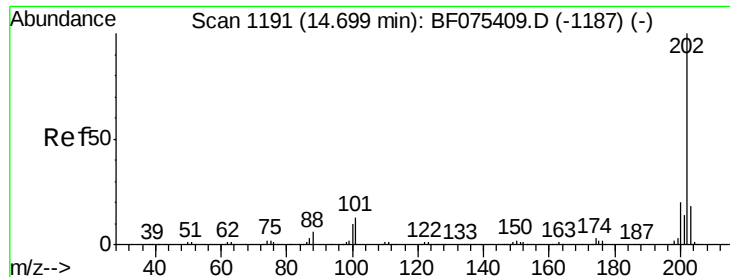
mohammad
 11/17/2014 7:34:58 PM



#73
 Di-n-butylphthalate
 Concen: 39.08 ng
 RT: 13.90 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BF075514.D
 Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	566187		
150	8.8	7.3	10.9	
104	3.9	3.1	4.7	





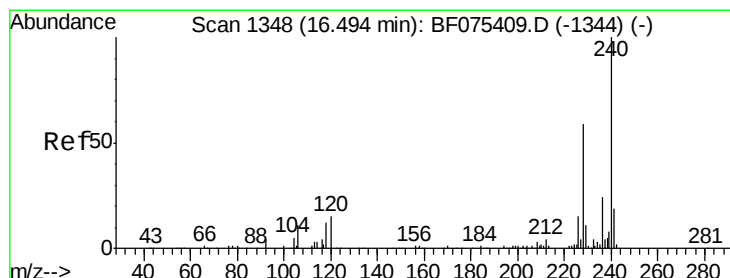
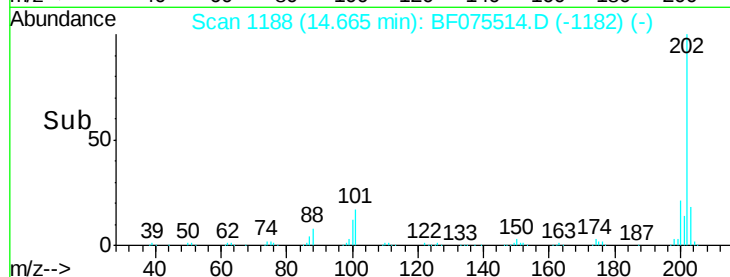
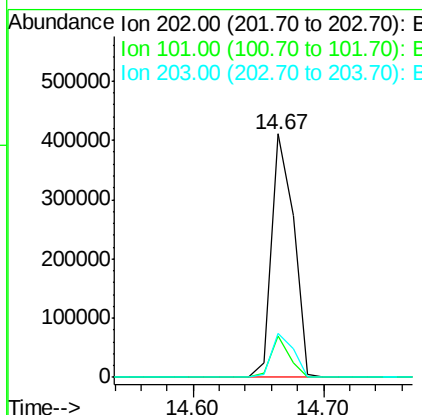
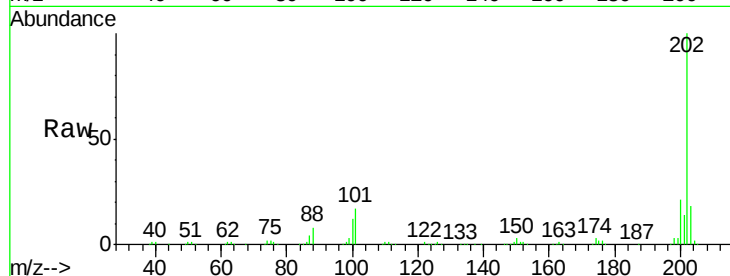
#74
Fluoranthene
Concen: 44.32 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampled :
PB80189BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.0	0.0	36.6
203	18.1	0.0	38.2

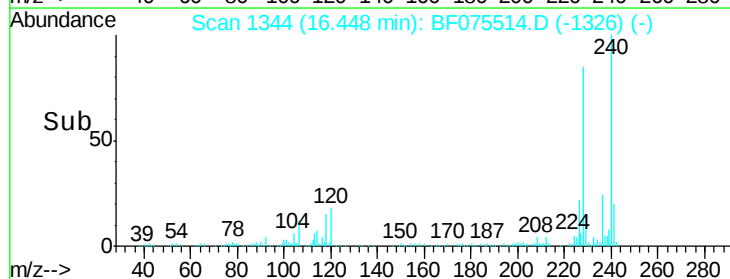
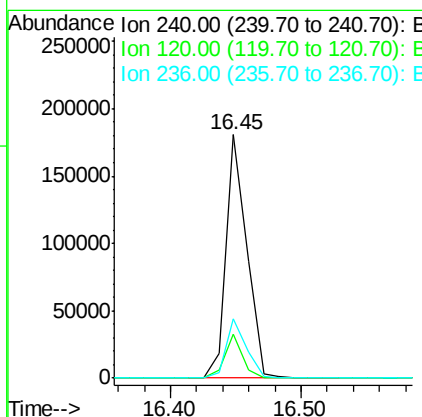
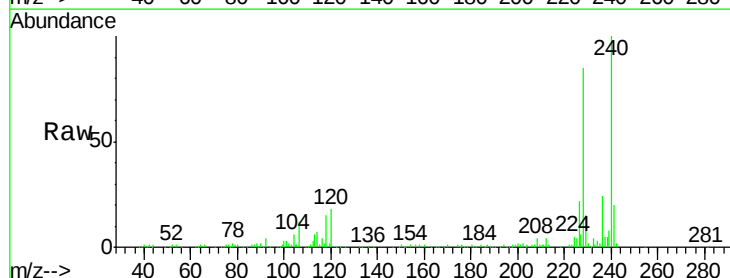
Manual Integrations
APPROVED

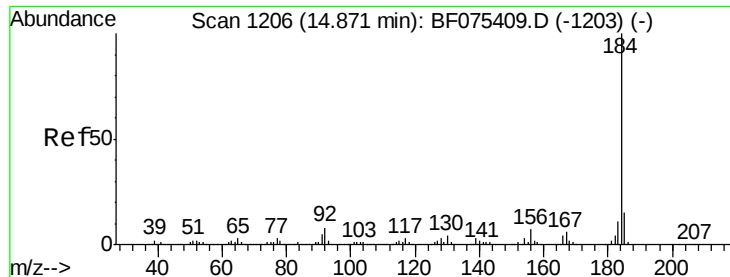
mohammad
11/17/2014 7:34:58 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.09 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	18.0	9.6	14.4#
236	24.2	18.9	28.3





#76

Benzidine

Concen: 28.81 ng m

RT: 14.84 min Scan# 1203

Delta R.T. -0.03 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

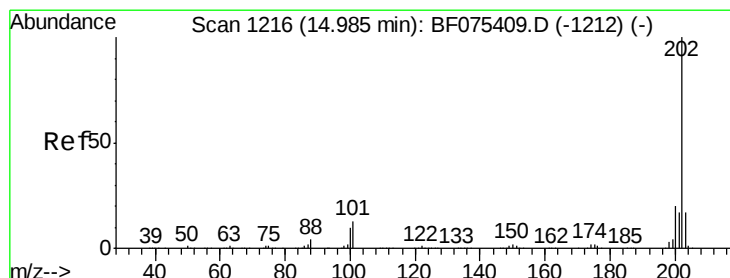
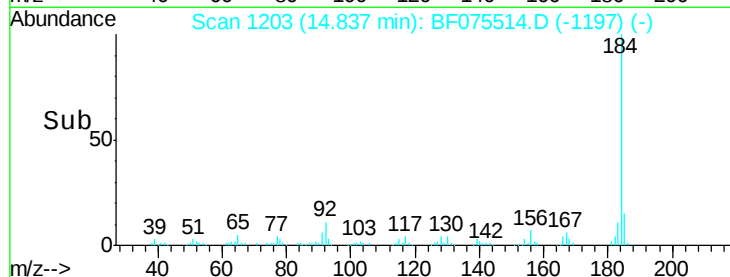
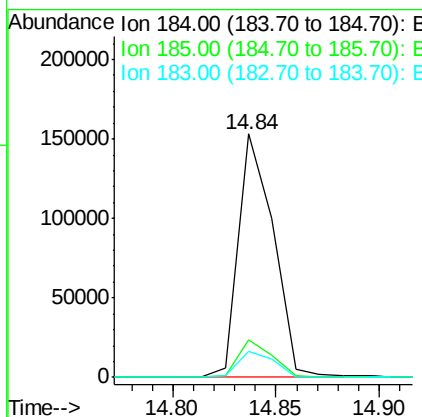
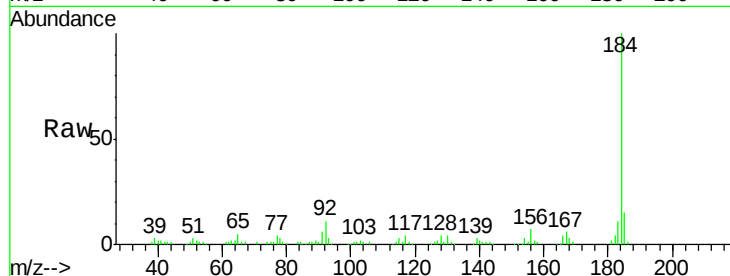
ClientSampleId :

PB80189BS

Tot Ion:	184	Resp:	182976
Ion Ratio	Lower	Upper	
184	100		
185	15.4	10.9	16.3
183	10.8	8.7	13.1

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#77

Pyrene

Concen: 44.82 ng m

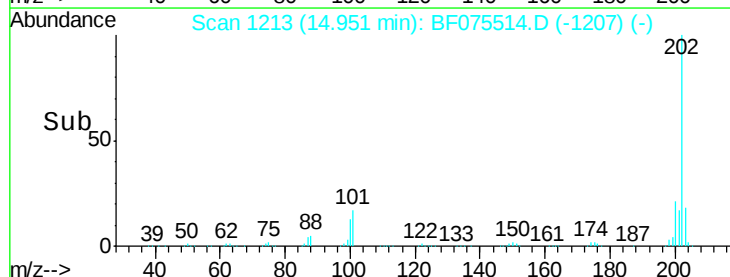
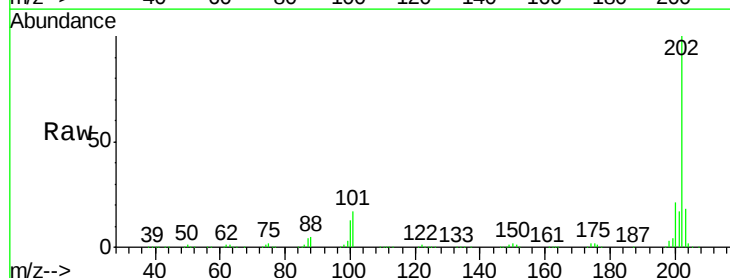
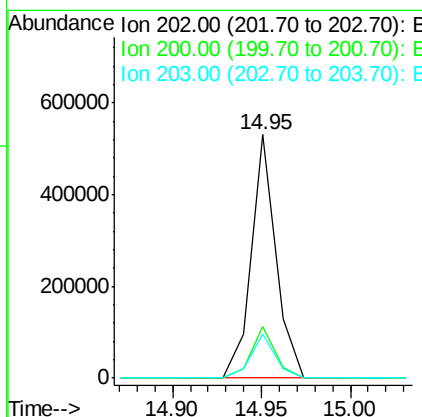
RT: 14.95 min Scan# 1213

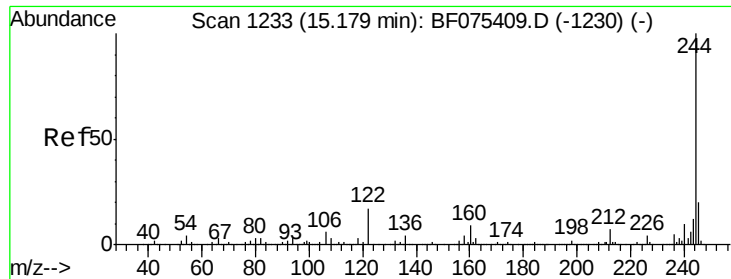
Delta R.T. -0.03 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion:	202	Resp:	520403
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.8	25.2
203	18.0	14.3	21.5





#78

Terphenyl-d14

Concen: 86.38 ng/mL

RT: 15.16 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

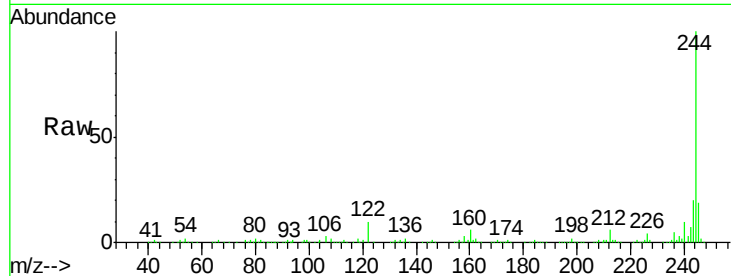
ClientSampleId :

PB80189BS

Tot Ion:	244	Resp:	640750
Ion Ratio		Lower	Upper
244	100		
212	6.0	5.5	8.3
122	10.3	9.7	14.5

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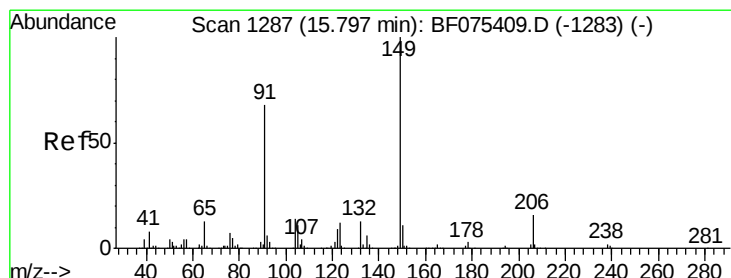
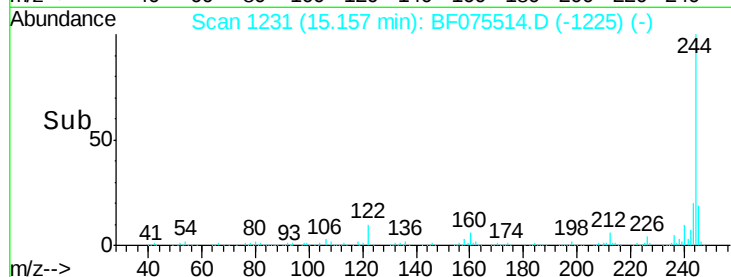
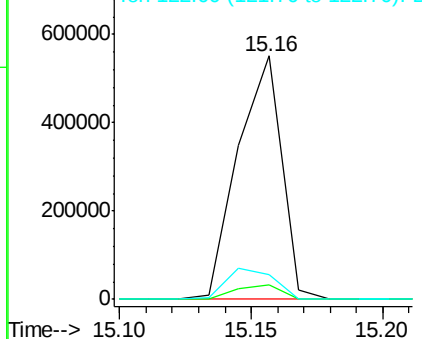
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 37.97 ng/mL

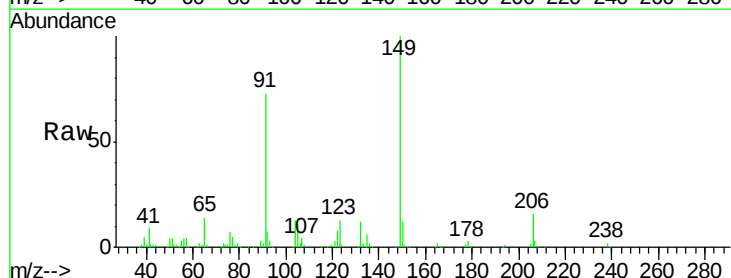
RT: 15.76 min Scan# 1284

Delta R.T. -0.06 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

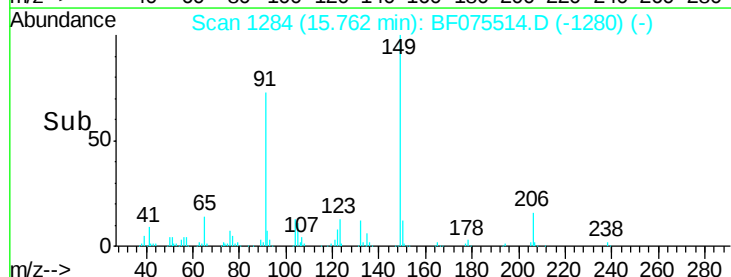
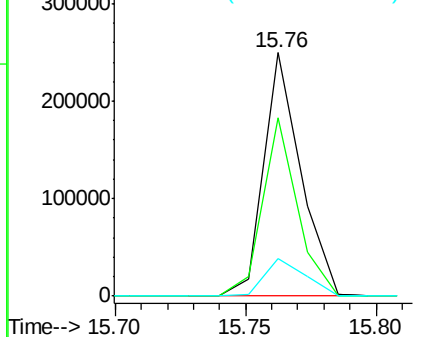
Tgt Ion:	149	Resp:	247542
Ion Ratio		Lower	Upper
149	100		
91	73.4	49.0	73.4
206	15.6	15.5	23.3

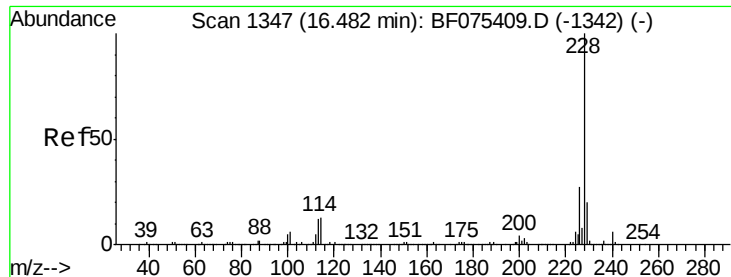


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





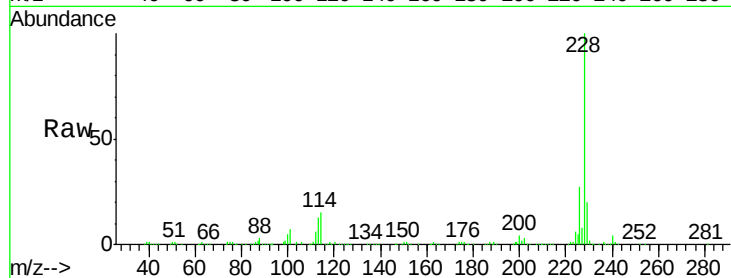
#80
Benzo(a)anthracene
Concen: 43.37 ng
RT: 16.44 min Scan# 1343
Delta R.T. -0.09 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

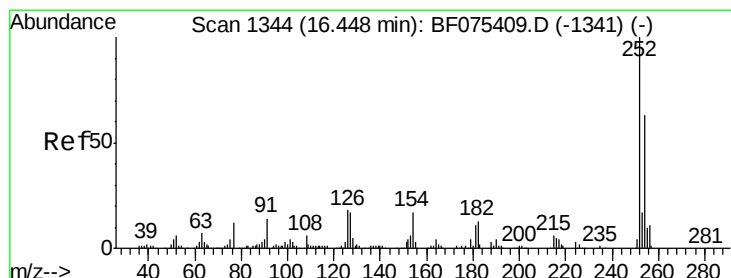
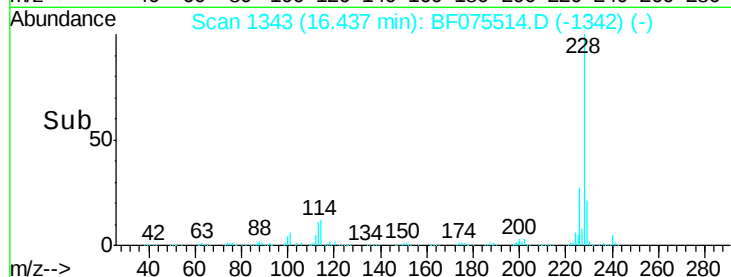
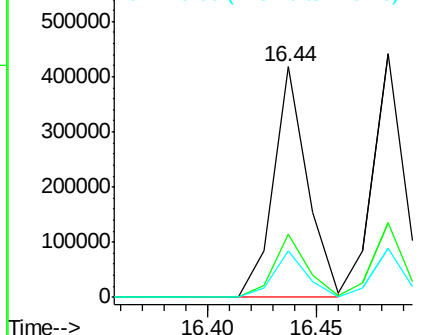
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		454983		
226	27.1	21.8	32.8		
229	20.5	15.3	22.9		

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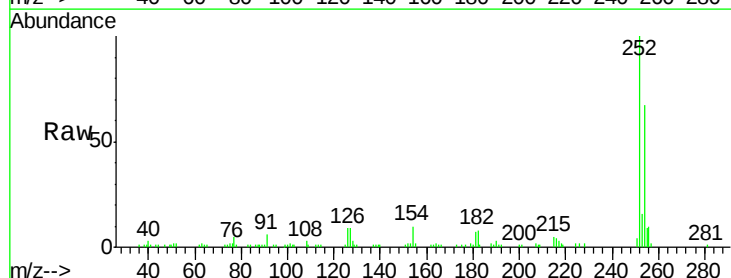


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

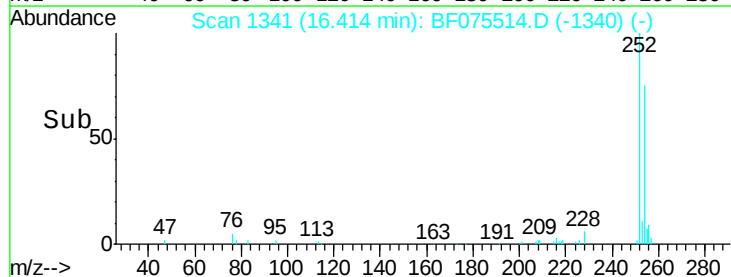
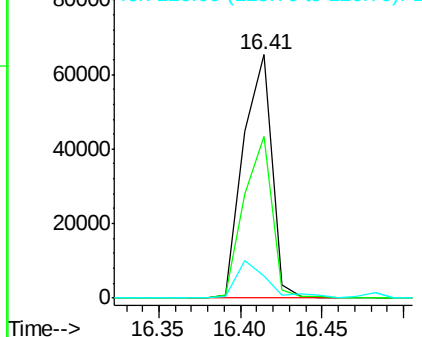


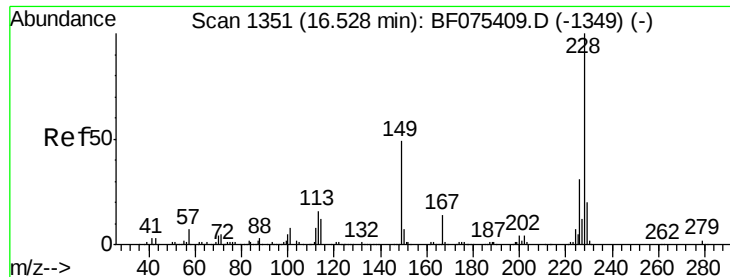
#81
3,3'-Dichlorobenzidine
Concen: 20.34 ng
RT: 16.41 min Scan# 1341
Delta R.T. -0.09 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		78786		
254	66.7	50.0	75.0		
126	9.1	16.0	24.0		



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





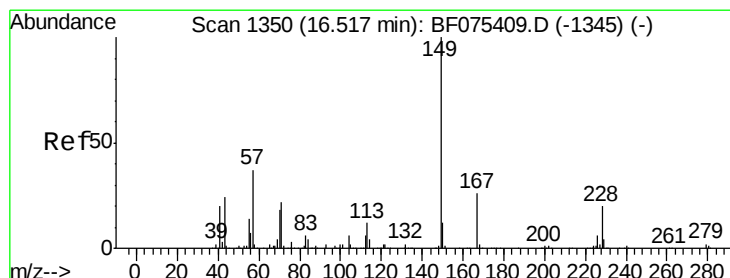
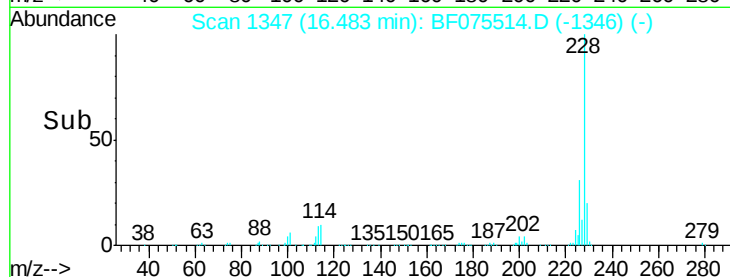
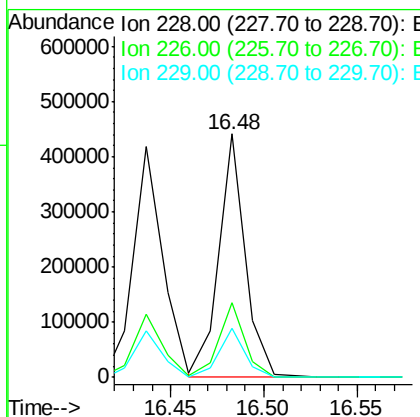
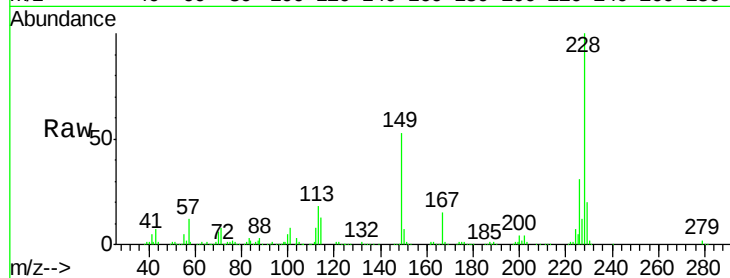
#82
 Chrvsene
 Concen: 47.91 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.09 min
 Lab File: BF075514.D
 Acq: 15 Nov 2014 00:49

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.6
229	20.2	15.8	23.6

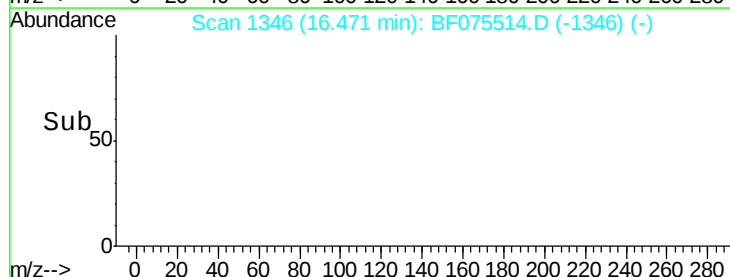
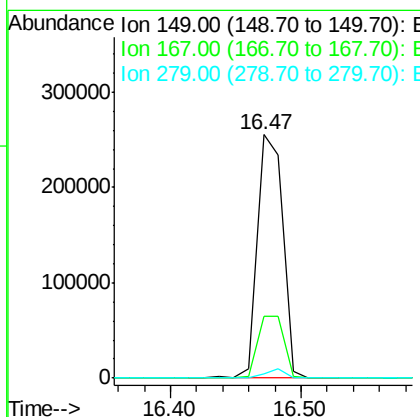
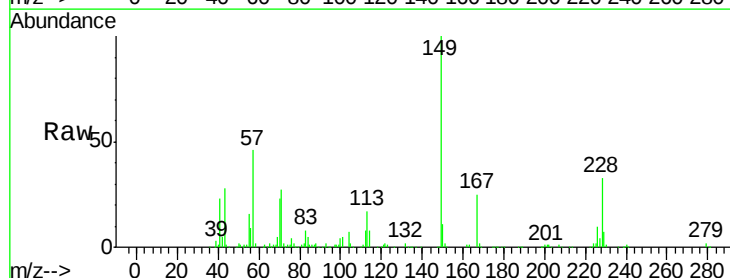
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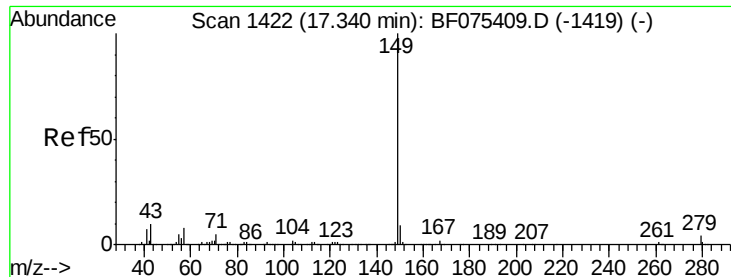
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.01 ng
 RT: 16.47 min Scan# 1346
 Delta R.T. -0.10 min
 Lab File: BF075514.D
 Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.4	32.2
279	1.8	2.8	4.2#





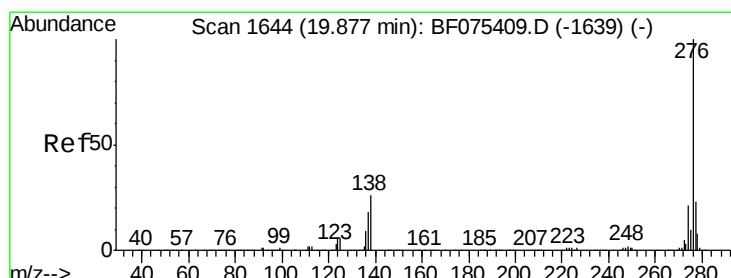
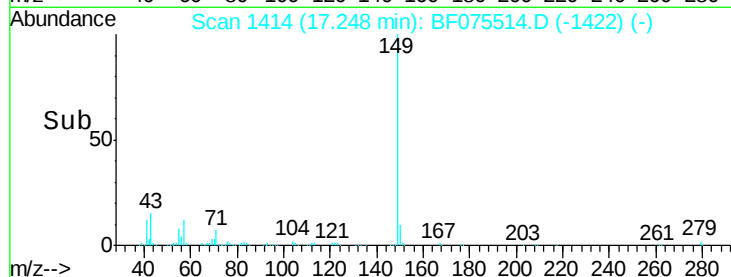
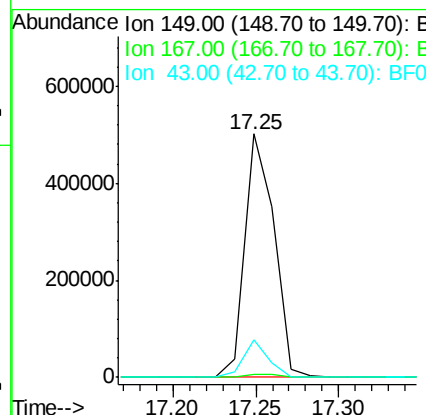
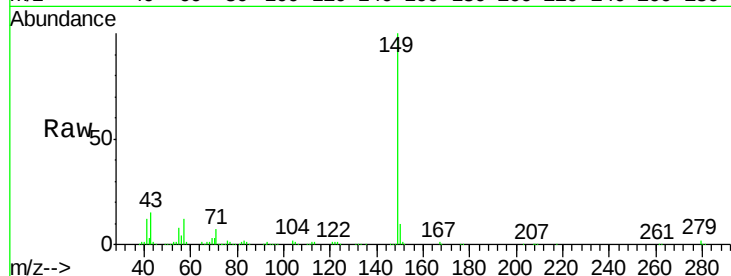
#84
Di-n-octyl phthalate
Concen: 34.62 ng m
RT: 17.25 min Scan# 1414
Delta R.T. -0.19 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.1	1.7#
43	0.0	11.0	16.4#

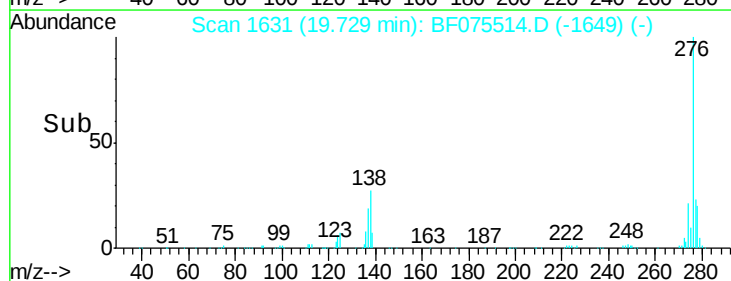
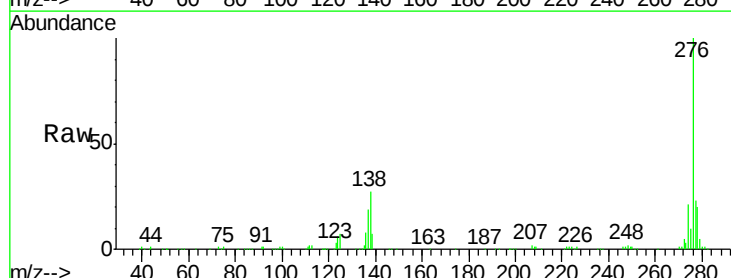
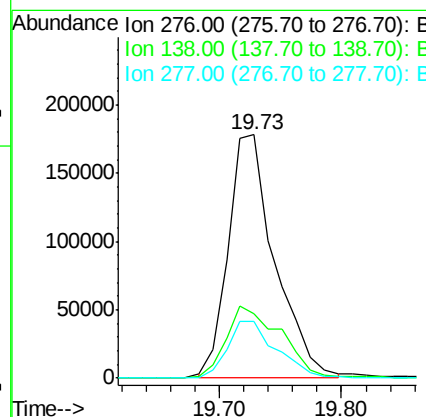
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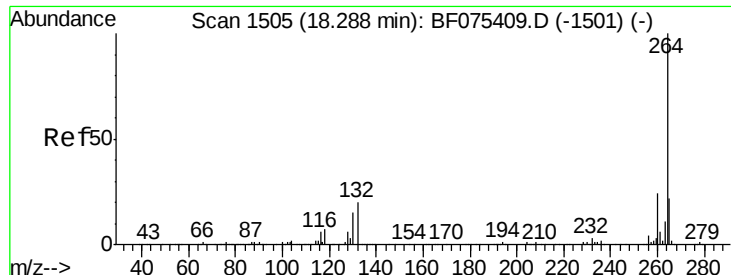
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#85
Indeno(1,2,3-cd)pyrene
Concen: 43.18 ng m
RT: 19.73 min Scan# 1631
Delta R.T. -0.31 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

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





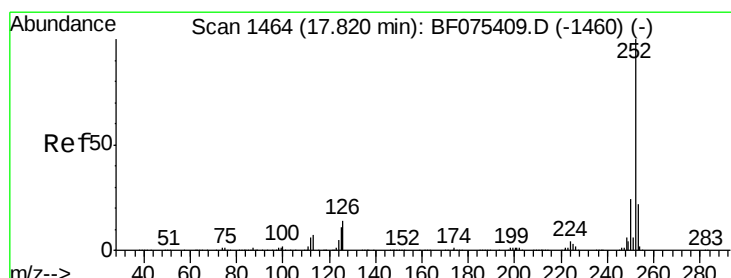
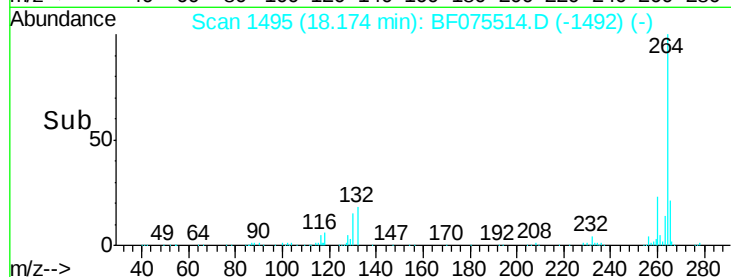
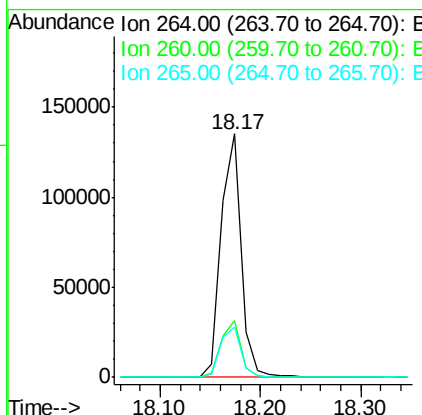
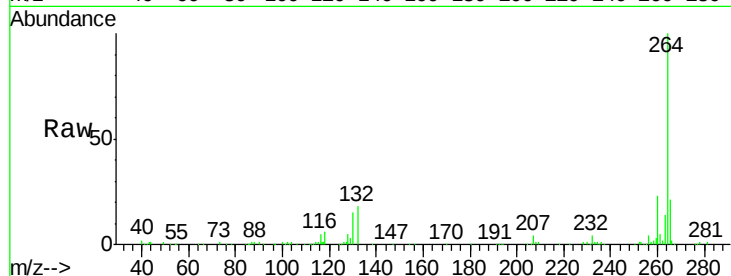
#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.17 min Scan# 1495
Delta R.T. -0.26 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	20.8	16.3	24.5

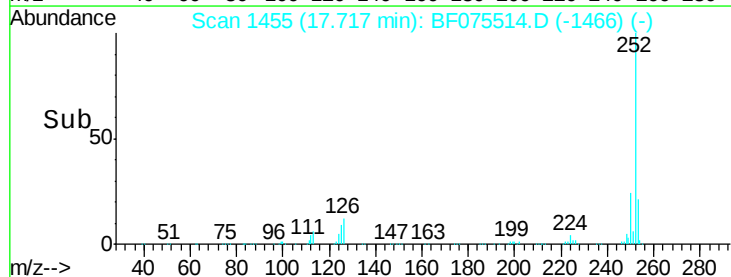
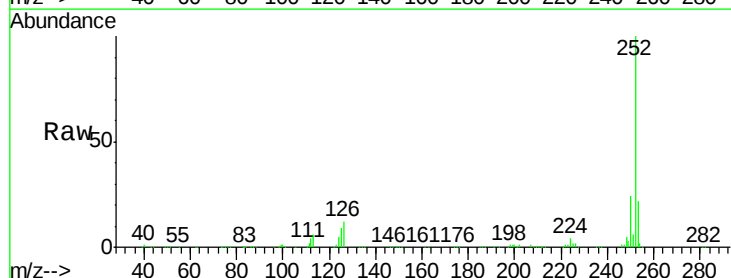
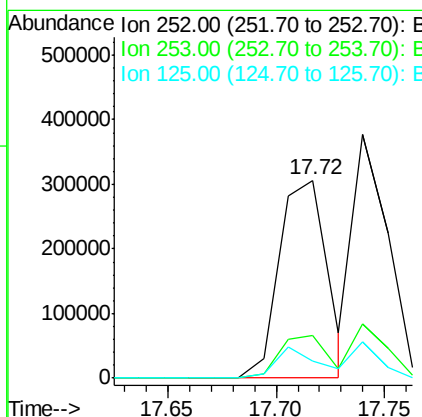
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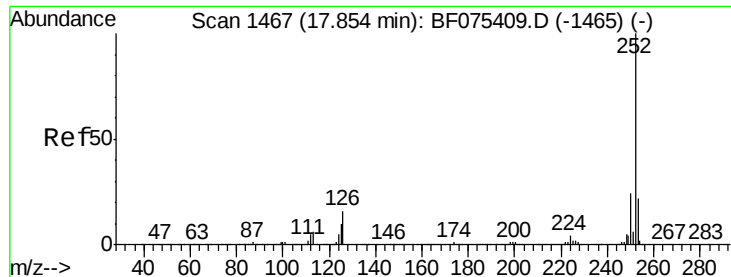
mohammad
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#87
Benzo(b)fluoranthene
Concen: 47.13 ng
RT: 17.72 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	8.9	11.8	17.6#





#88

Benzo(k)fluoranthene

Concen: 48.13 ng

RT: 17.74 min Scan# 1457

Delta R.T. -0.24 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Instrument :

BNA_F

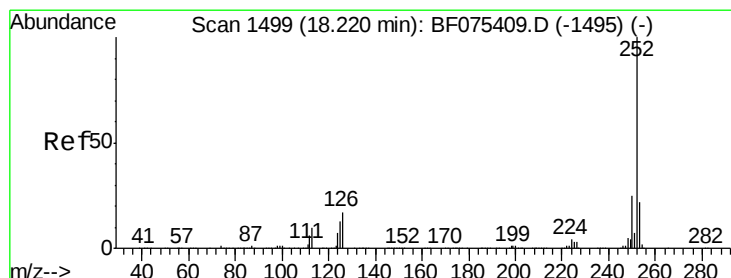
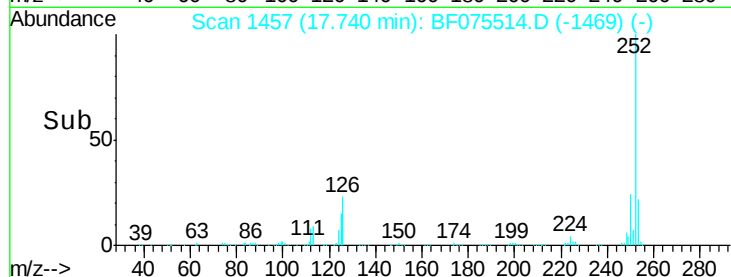
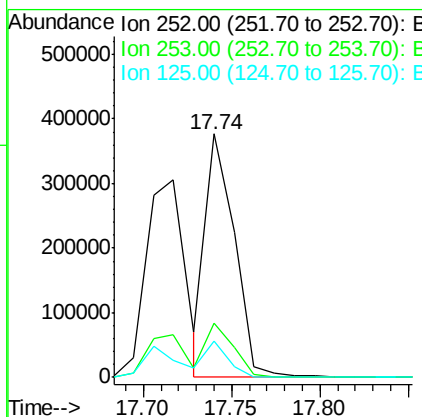
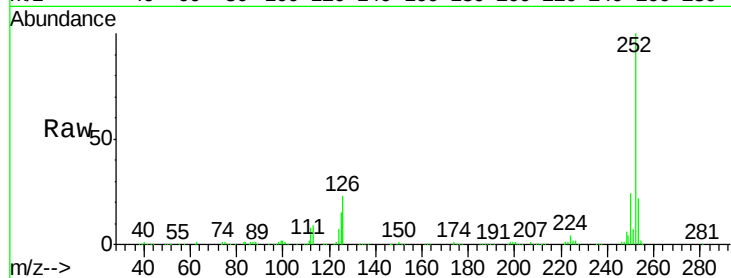
ClientSampleId :

PB80189BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.7	11.6	17.4

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#89

Benzo(a)pyrene

Concen: 49.22 ng

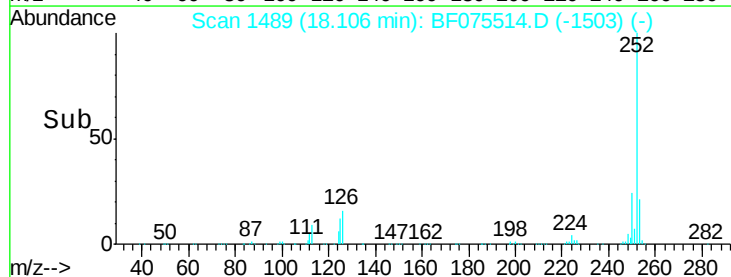
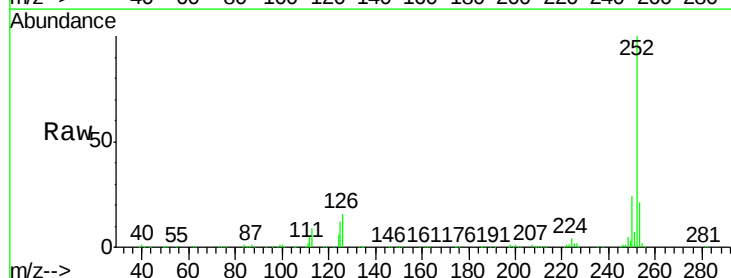
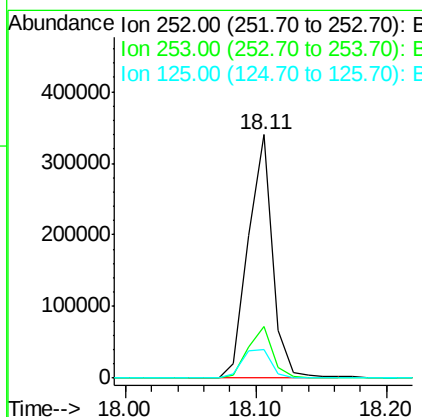
RT: 18.11 min Scan# 1489

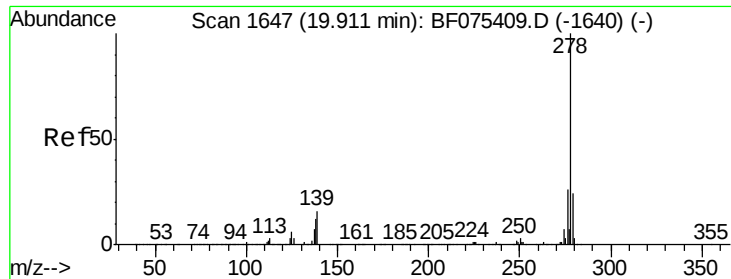
Delta R.T. -0.26 min

Lab File: BF075514.D

Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	11.6	12.2	18.4#





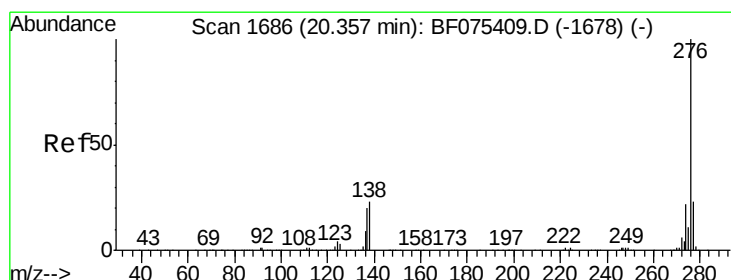
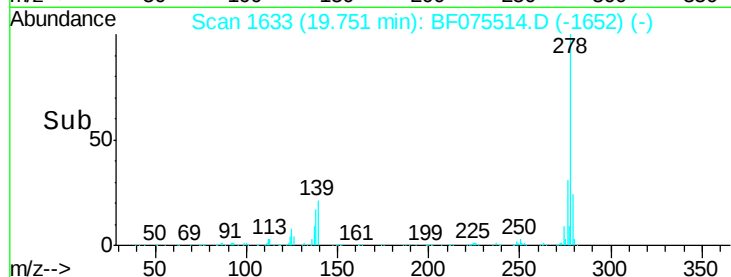
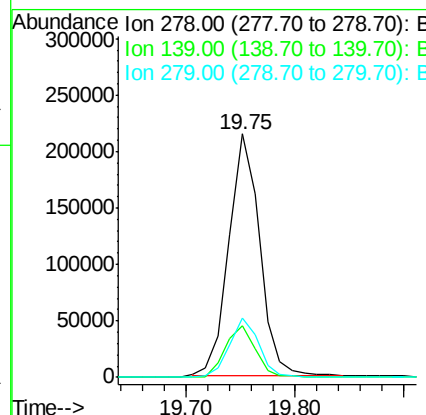
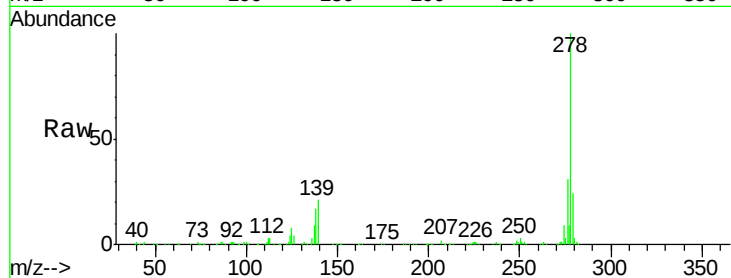
#90
Dibenzo(a,h)anthracene
Concen: 44.45 ng
RT: 19.75 min Scan# 1633
Delta R.T. -0.32 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Instrument :
BNA_F
ClientSampleId :
PB80189BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.2	13.6	20.4#
279	24.2	19.4	29.0

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#91
Benzo(g,h,i)perylene
Concen: 45.35 ng
RT: 20.19 min Scan# 1671
Delta R.T. -0.32 min
Lab File: BF075514.D
Acq: 15 Nov 2014 00:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.8
138	29.7	22.8	34.2

