

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075512.D
 Acq On : 14 Nov 2014 23:52
 Operator : TP / JJ
 Sample : PB80327BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80327BS

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:34:41 PM

Quant Time: Nov 16 04:25:14 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	93331	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	397646	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	203868	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	326652	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	359376	20.00	ng	-0.08
86) Perylene-d12	18.20	264	384215	20.00	ng	-0.24

System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	426379	80.71	ng	-0.02
7) Phenol-d6	7.10	99	525423	82.70	ng	-0.01
23) Nitrobenzene-d5	8.24	82	283825	52.33	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	114371	66.98	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	544904	48.30	ng	-0.01
78) Terphenyl-d14	15.16	244	560033	41.95	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	2.48	88	49792	22.45 ng	97
3) Pyridine	3.27	79	141120m	23.68 ng	
4) n-Nitrosodimethylamine	3.19	42	76371m	24.21 ng	
6) Aniline	7.13	93	118320	12.89 ng	98
8) 2-Chlorophenol	7.28	128	143582	23.48 ng	95
10) Phenol	7.11	94	198077	25.56 ng	87
11) bis(2-Chloroethyl)ether	7.24	93	150473	25.63 ng	# 81
12) 1,3-Dichlorobenzene	7.48	146	153077	22.97 ng	97
13) 1,4-Dichlorobenzene	7.57	146	150741	22.24 ng	99
14) 1,2-Dichlorobenzene	7.76	146	145018	22.82 ng	# 91
15) Benzyl Alcohol	7.73	79	118143	23.69 ng	95
16) 2,2'-oxybis(1-Chloropropan	7.91	45	285753	23.51 ng	95
17) 2-Methylphenol	7.86	107	117470	23.20 ng	98
18) Hexachloroethane	8.17	117	54295	23.36 ng	98
19) n-Nitroso-di-n-propylamine	8.06	70	100287	23.17 ng	94
20) 3+4-Methylphenols	8.06	107	154599	23.32 ng	90
22) Acetophenone	8.06	105	207499	24.19 ng	# 96
24) Nitrobenzene	8.26	77	155801	24.79 ng	99
25) Isophorone	8.56	82	285728	23.07 ng	98
26) 2-Nitrophenol	8.65	139	65161	22.75 ng	95
27) 2,4-Dimethylphenol	8.71	122	129971	23.41 ng	99
28) bis(2-Chloroethoxy)methane	8.84	93	186006	24.65 ng	98
29) 2,4-Dichlorophenol	8.95	162	112665	23.17 ng	97
30) 1,2,4-Trichlorobenzene	9.06	180	111107	21.76 ng	97
31) Naphthalene	9.16	128	427473	24.11 ng	99
32) Benzoic acid	8.80	122	90125m	26.87 ng	
33) 4-Chloroaniline	9.22	127	102651	13.33 ng	98
34) Hexachlorobutadiene	9.32	225	57668	20.90 ng	96
35) Caprolactam	9.64	113	36556	22.68 ng	92
36) 4-Chloro-3-methylphenol	9.82	107	114184	21.40 ng	91
37) 2-Methylnaphthalene	10.01	142	283084	23.40 ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	99357	23.71 ng	98
40) Hexachlorocyclopentadiene	10.21	237	128190	50.36 ng	100
42) 2,4,6-Trichlorophenol	10.37	196	73810	22.15 ng	99

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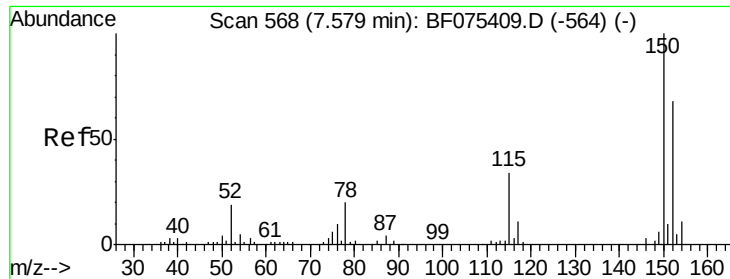
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43) 2,4,5-Trichlorophenol	10.41	196	73746	21.25	nq	96
45) 1,1'-Biphenyl	10.60	154	322217	23.43	nq	99
46) 2-Chloronaphthalene	10.62	162	257916	23.99	nq	98
47) 2-Nitroaniline	10.74	65	78760	24.35	nq	87
48) Acenaphthylene	11.13	152	443906	25.04	nq	99
49) Dimethylphthalate	10.98	163	292296	20.97	nq	99
50) 2,6-Dinitrotoluene	11.05	165	63509	23.14	nq	# 81
51) Acenaphthene	11.35	154	267110	24.96	nq	99
52) 3-Nitroaniline	11.26	138	58008	17.92	nq	# 87
53) 2,4-Dinitrophenol	11.38	184	50880	41.90	nq	86
54) Dibenzofuran	11.57	168	353599	23.12	nq	94
55) 4-Nitrophenol	11.45	139	119208	46.07	nq	95
56) 2,4-Dinitrotoluene	11.56	165	83860	23.25	nq	94
57) Fluorene	11.99	166	286168	23.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	64099	23.27	nq	# 90
59) Diethylphthalate	11.86	149	286717	19.83	nq	96
60) 4-Chlorophenyl-phenylether	12.00	204	119070	22.39	nq	# 86
61) 4-Nitroaniline	12.01	138	73696	22.78	nq	84
62) Azobenzene	12.20	77	289066	22.72	nq	88
64) 4,6-Dinitro-2-methylphenol	12.05	198	33301	20.16	nq	# 41
65) n-Nitrosodiphenylamine	12.14	169	234668	22.71	nq	100
66) 4-Bromophenyl-phenylether	12.61	248	72041	23.44	nq	# 85
67) Hexachlorobenzene	12.68	284	82240	23.56	nq	# 83
68) Atrazine	12.81	200	69517	21.68	nq	96
69) Pentachlorophenol	12.92	266	96847	44.21	nq	98
70) Phenanthrene	13.19	178	430891	25.06	nq	99
71) Anthracene	13.26	178	455800	25.65	nq	99
72) Carbazole	13.45	167	412480	23.72	nq	99
73) Di-n-butylphthalate	13.90	149	480013	19.99	nq	99
74) Fluoranthene	14.68	202	440320	23.91	nq	92
76) Benzidine	14.84	184	233805m	20.46	nq	
77) Pyrene	14.95	202	465333m	22.27	nq	
79) Butylbenzylphthalate	15.76	149	211408	18.02	nq	# 77
80) Benzo(a)anthracene	16.44	228	427395	22.64	nq	99
81) 3,3'-Dichlorobenzidine	16.41	252	69075	9.91	nq	# 96
82) Chrysene	16.48	228	402061	24.62	nq	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	310202	16.78	nq	100
84) Di-n-octyl phthalate	17.26	149	573938m	17.64	nq	
85) Indeno(1,2,3-cd)pyrene	19.75	276	554428m	27.99	nq	
87) Benzo(b)fluoranthene	17.73	252	522115	25.42	nq	99
88) Benzo(k)fluoranthene	17.76	252	381433m	20.69	nq	
89) Benzo(a)pyrene	18.13	252	447757	24.36	nq	# 95
90) Dibenzo(a,h)anthracene	19.77	278	468555	24.41	nq	# 94
91) Benzo(g,h,i)perylene	20.22	276	473922	25.91	nq	96

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

Instrument :
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[illegible]



#1

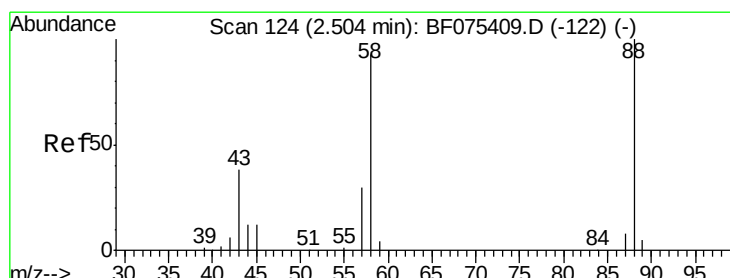
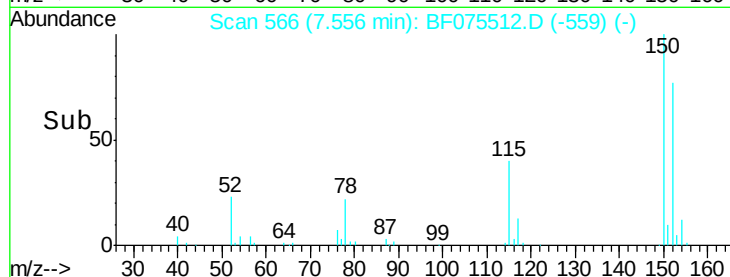
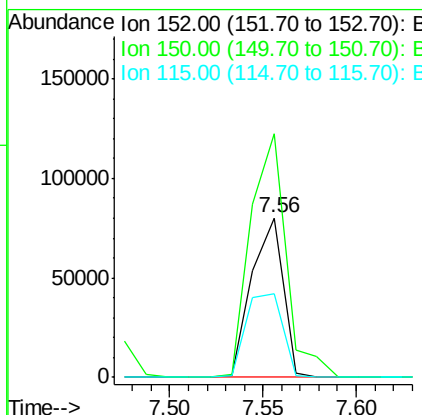
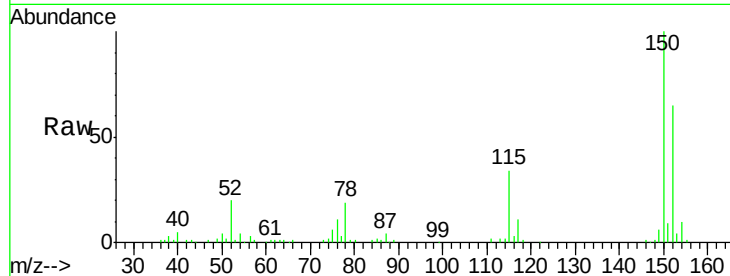
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	127.2	190.8
115	52.2	57.1	85.7

Manual Integrations
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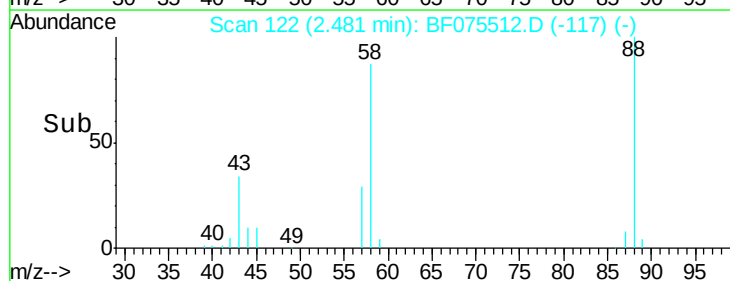
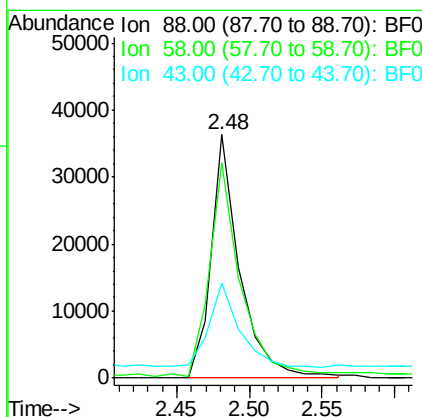
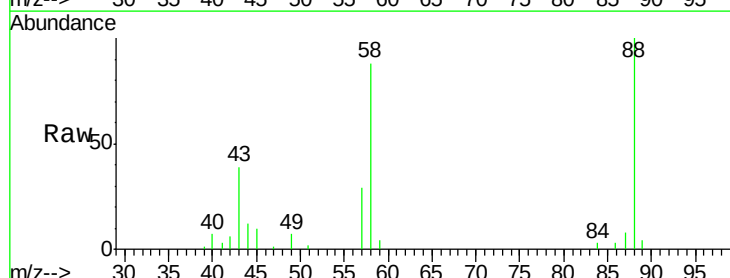
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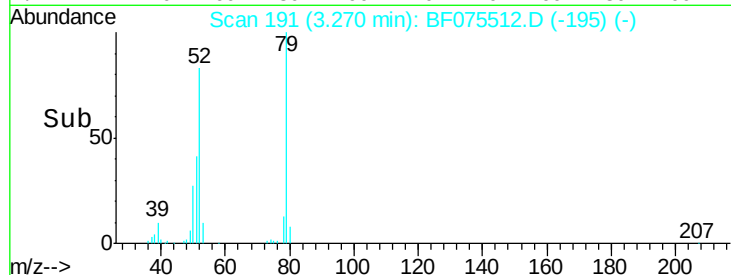
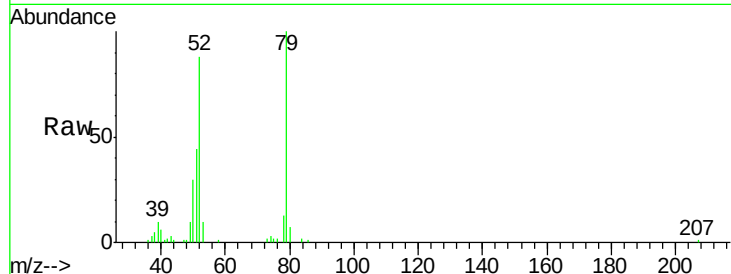
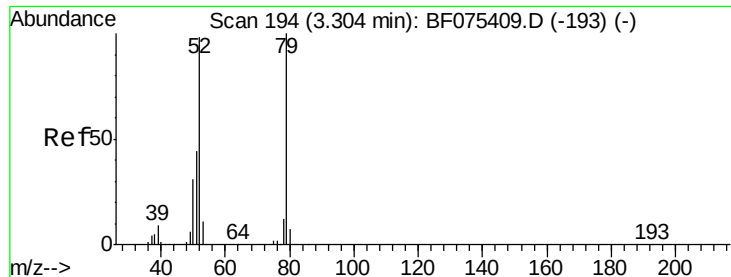


#2

1,4-Dioxane
Concen: 22.45 ng
RT: 2.48 min Scan# 122
Delta R.T. -0.05 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	73.5	110.3
43	36.8	31.9	47.9





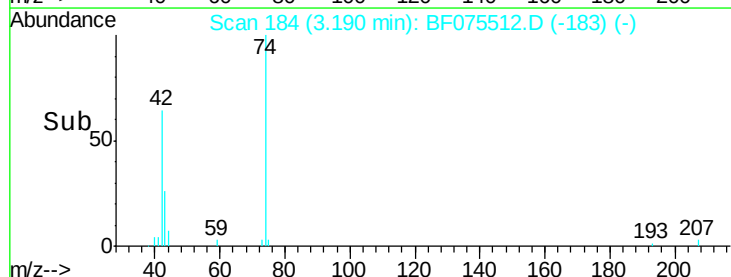
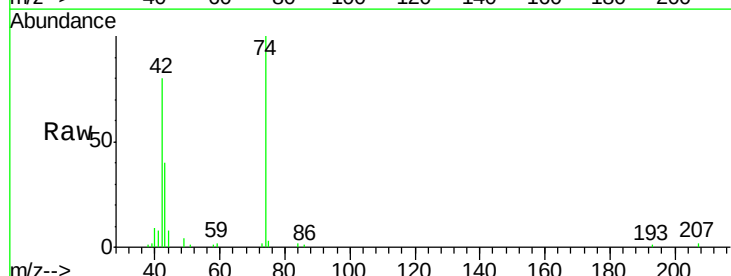
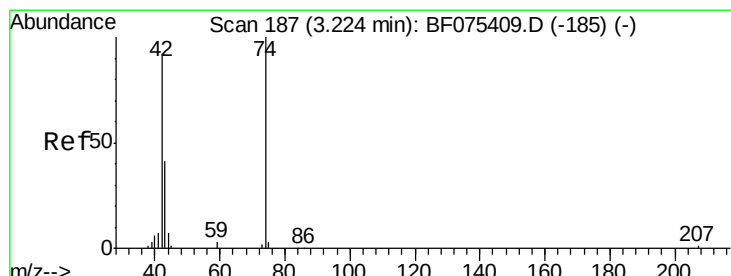
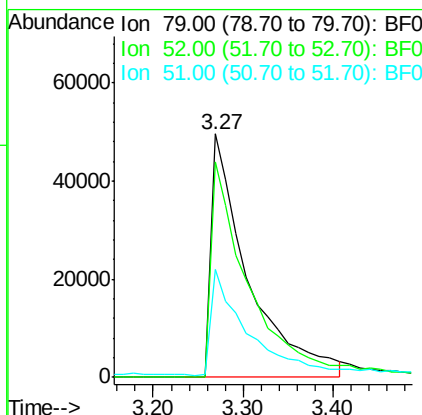
#3
Pvridine
Concen: 23.68 ng/ml
RT: 3.27 min Scan# 191
Delta R.T. -0.15 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		141120		
52	88.5	76.6	115.0		
51	44.5	37.0	55.4		

Instrument :
BNA_F
ClientSampleId :
PB80327BS

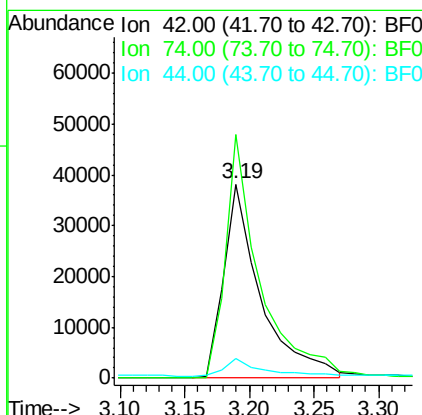
Manual Integrations
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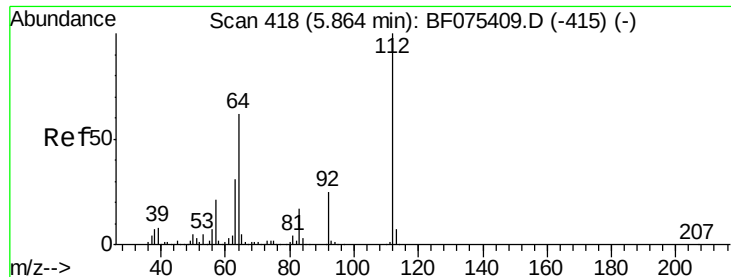
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#4
n-Nitrosodimethylamine
Concen: 24.21 ng/ml
RT: 3.19 min Scan# 184
Delta R.T. -0.09 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		76371		
74	125.7	82.4	123.6#		
44	10.1	8.2	12.4		





#5

2-Fluorophenol

Concen: 80.71 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

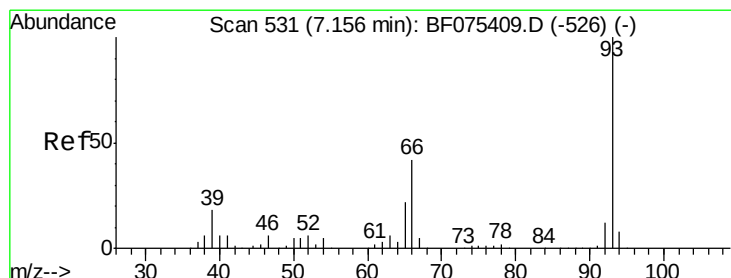
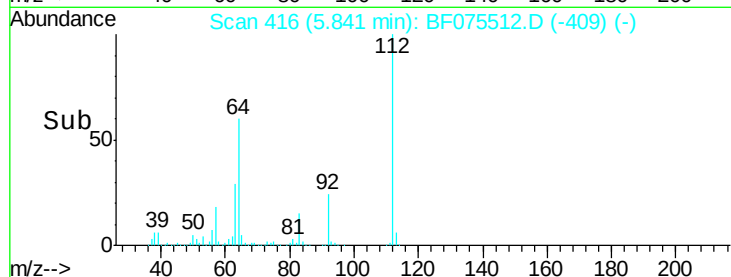
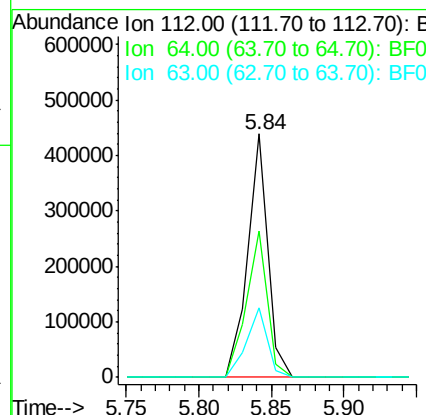
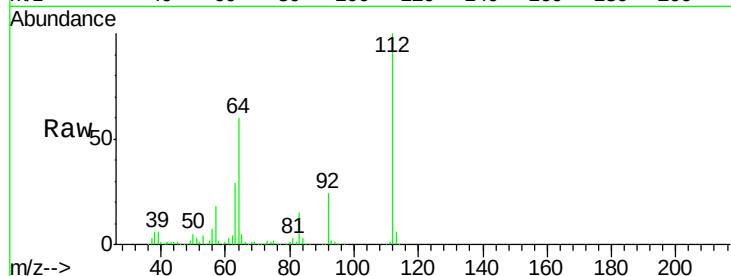
ClientSampleId :

PB80327BS

Tot Ion:	112	Resp:	426379
Ion Ratio	Lower	Upper	
112	100		
64	60.1	45.8	68.6
63	28.6	22.7	34.1

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#6

Aniline

Concen: 12.89 ng

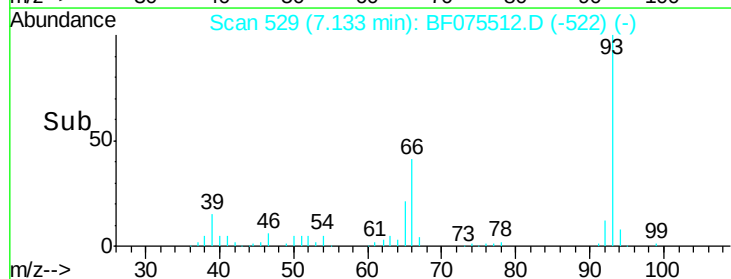
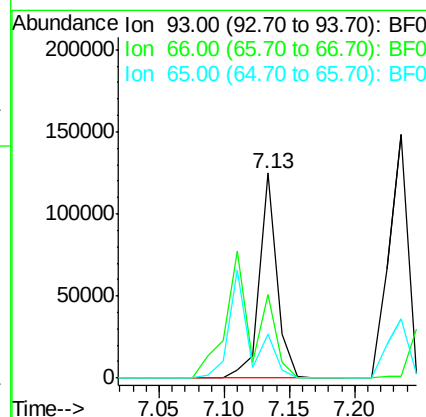
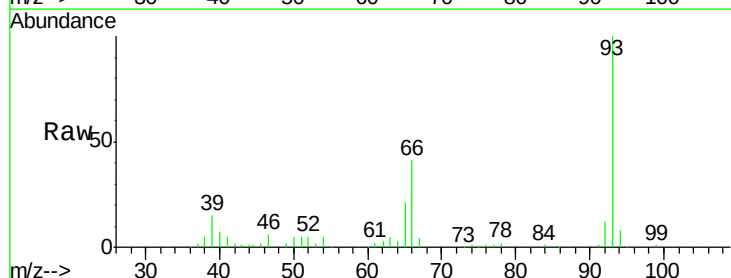
RT: 7.13 min Scan# 529

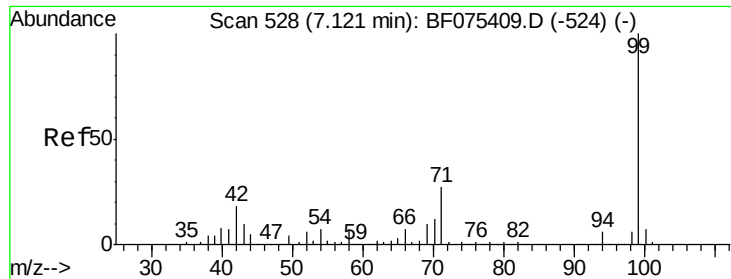
Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion:	93	Resp:	118320
Ion Ratio	Lower	Upper	
93	100		
66	41.0	31.8	47.8
65	21.2	16.6	25.0





#7

Phenol-d6

Concen: 82.70 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

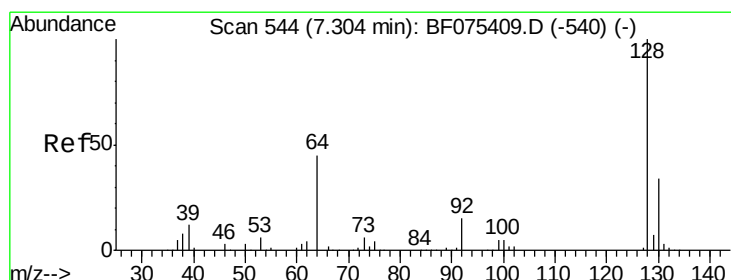
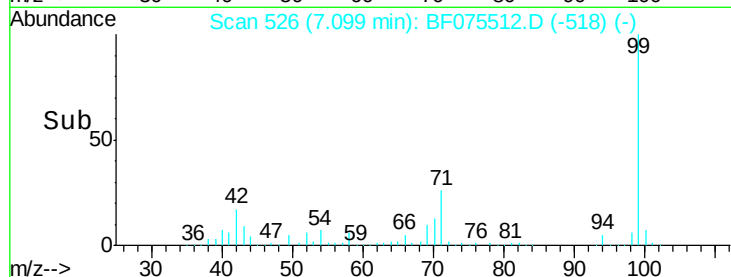
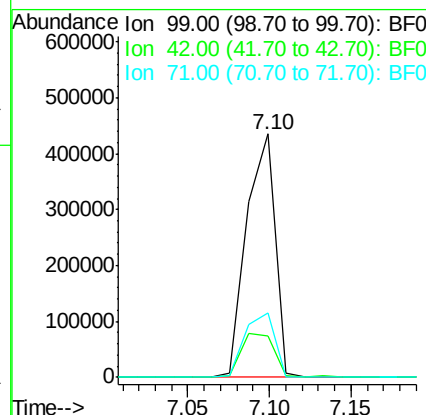
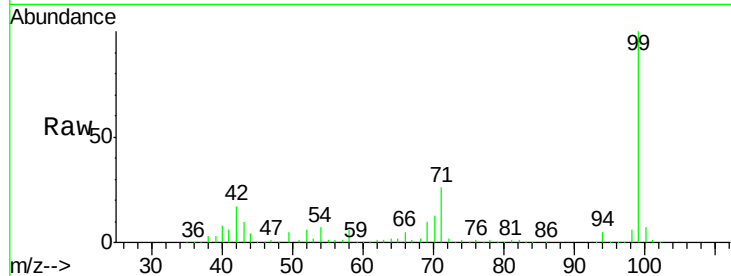
ClientSampleId :

PB80327BS

Tot Ion:	99	Resp:	525423
Ion Ratio	Lower	Upper	
99	100		
42	17.1	19.8	29.6#
71	26.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 23.48 ng

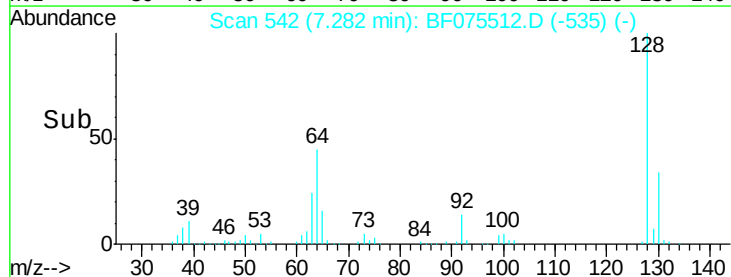
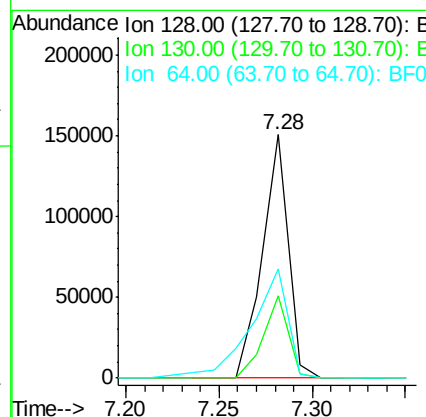
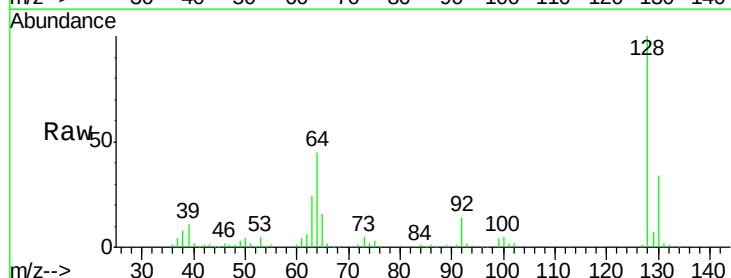
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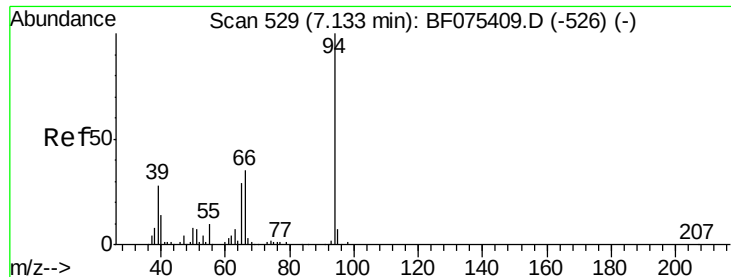
Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion:	128	Resp:	143582
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.7	52.7
64	44.9	20.3	60.3





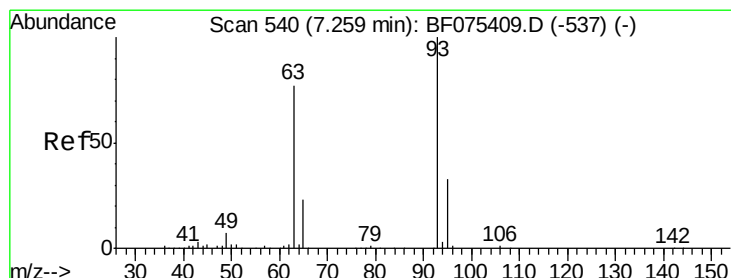
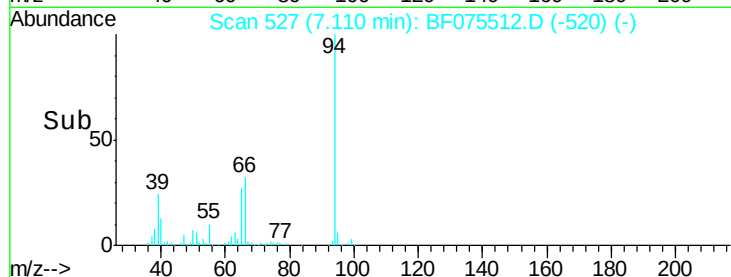
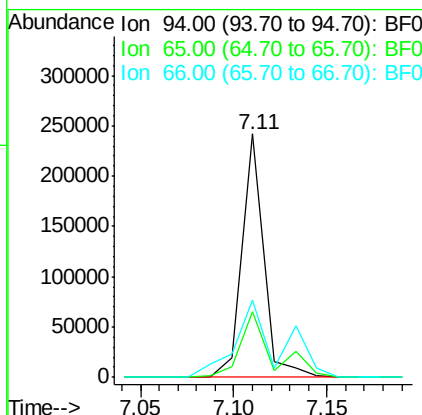
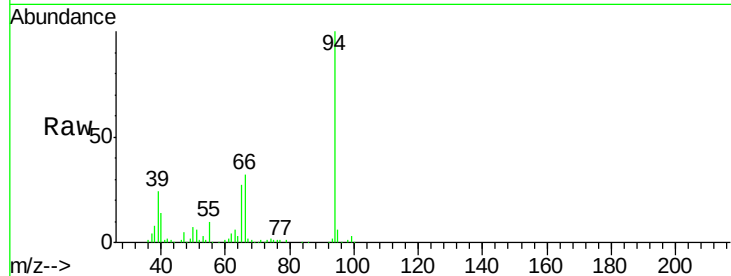
#10
Phenol
Concen: 25.56 ng
RT: 7.11 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.2	13.1	53.1
66	31.8	20.8	60.8

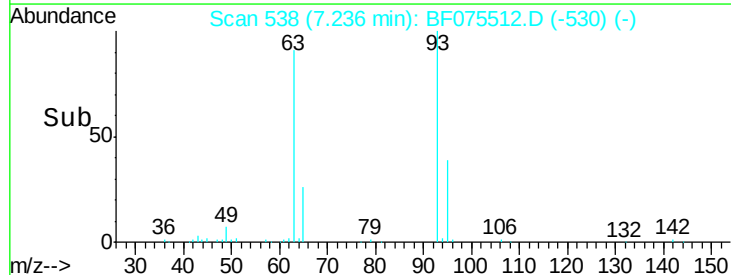
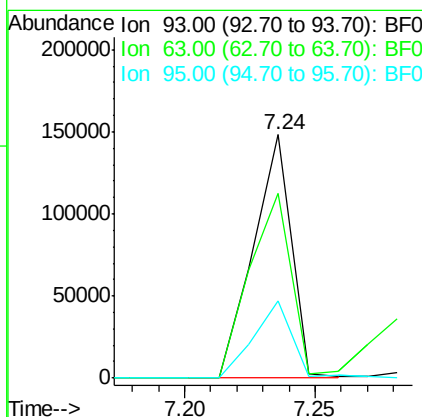
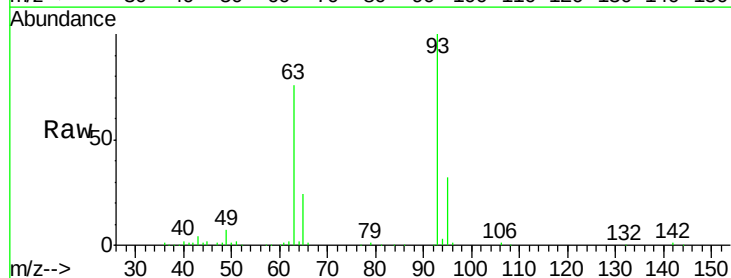
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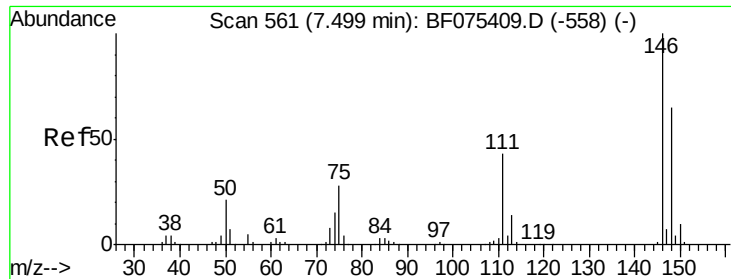
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#11
bis(2-Chloroethyl)ether
Concen: 25.63 ng
RT: 7.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF075512.D
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Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.7	79.8	119.8#
95	31.7	11.2	51.2





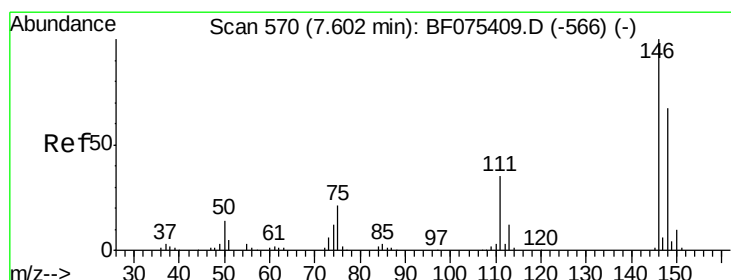
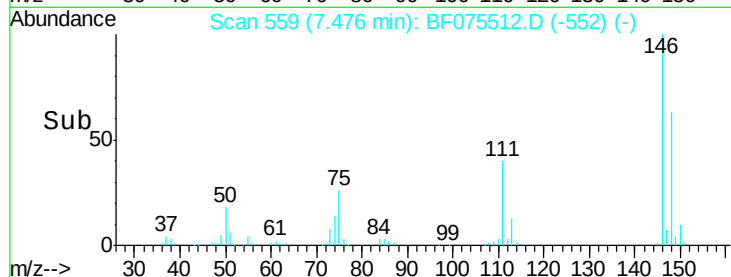
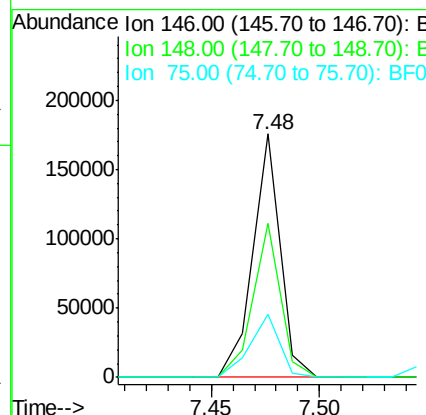
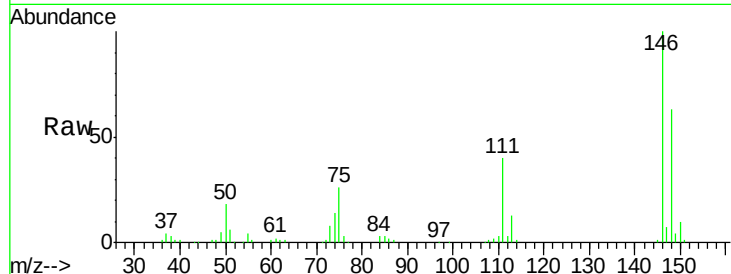
#12
 1,3-Dichlorobenzene
 Concen: 22.97 ng
 RT: 7.48 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB80327BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	53.1	79.7
75	25.9	21.5	32.3

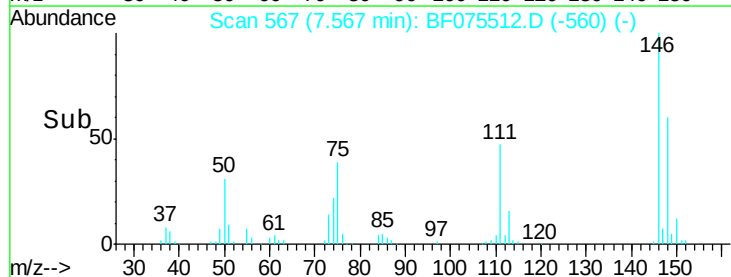
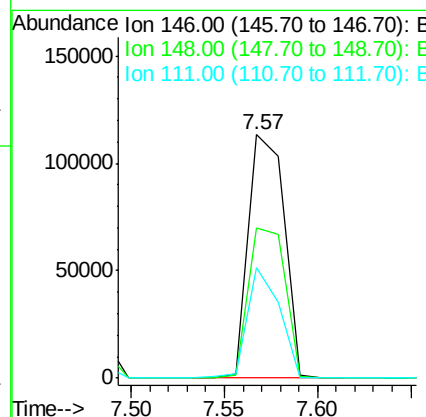
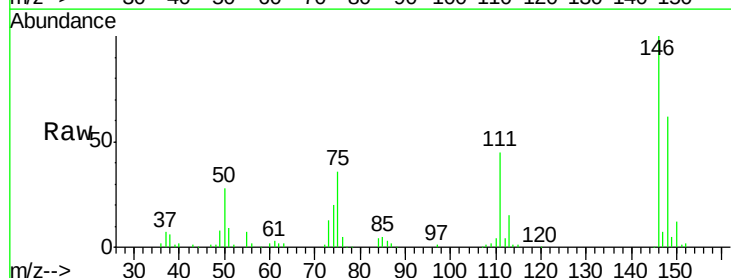
Manual Integrations
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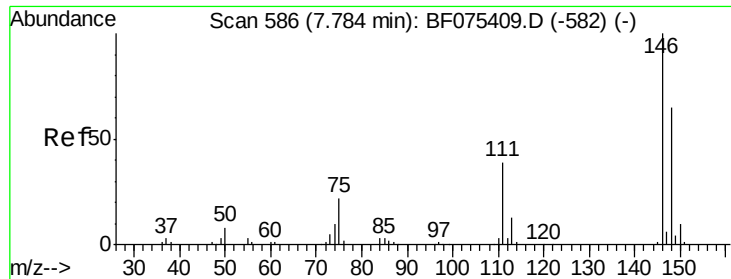
mohammad
 11/17/2014 7:34:41 PM



#13
 1,4-Dichlorobenzene
 Concen: 22.24 ng
 RT: 7.57 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	49.9	74.9
111	45.4	35.8	53.6





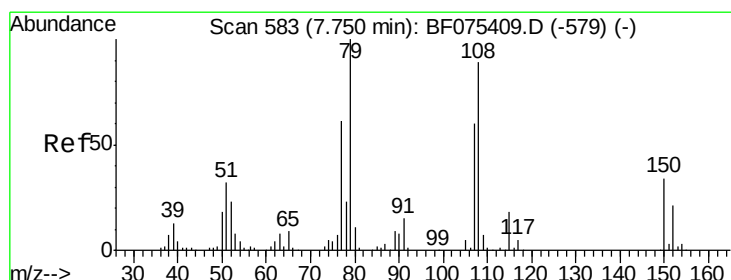
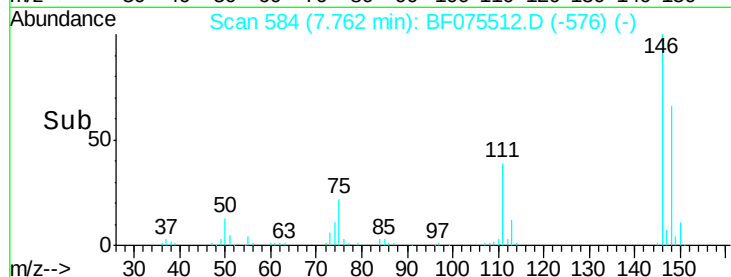
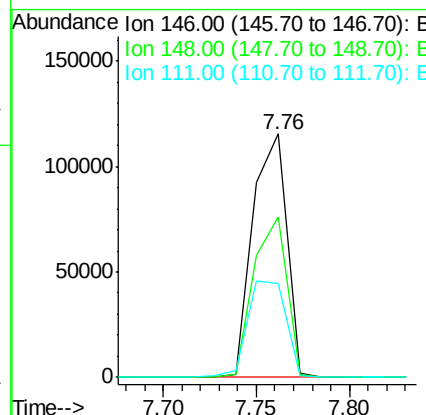
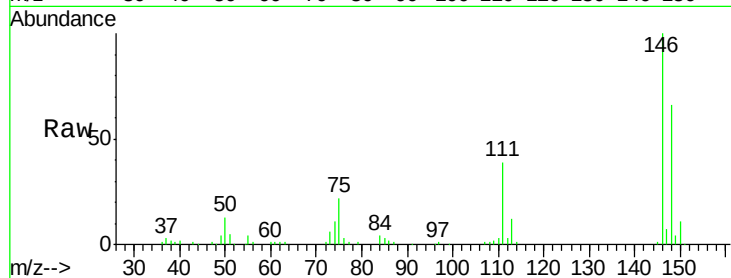
#14
1,2-Dichlorobenzene
Concen: 22.82 ng
RT: 7.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.7	76.1
111	38.8	39.9	59.9

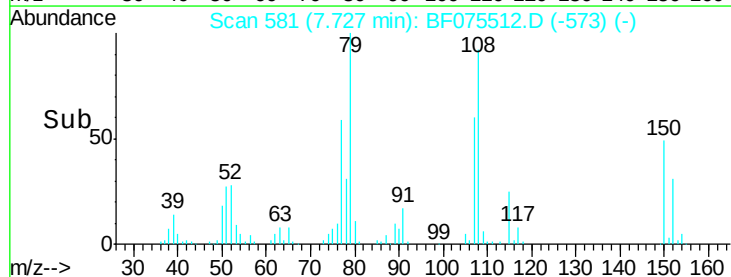
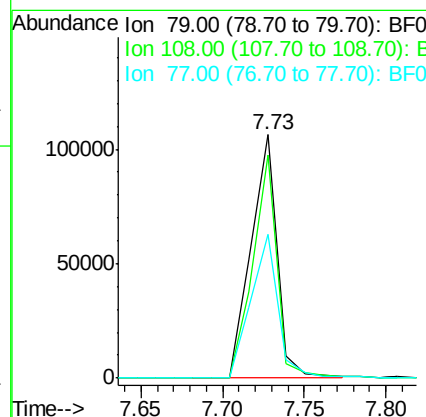
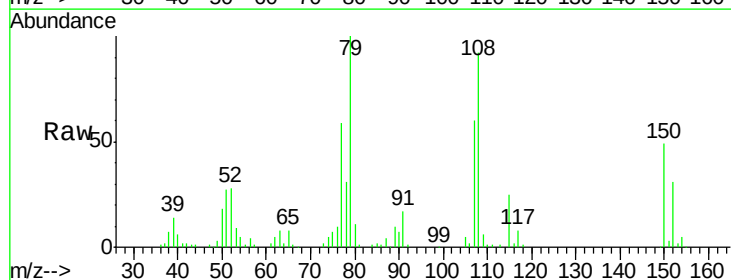
Manual Integrations
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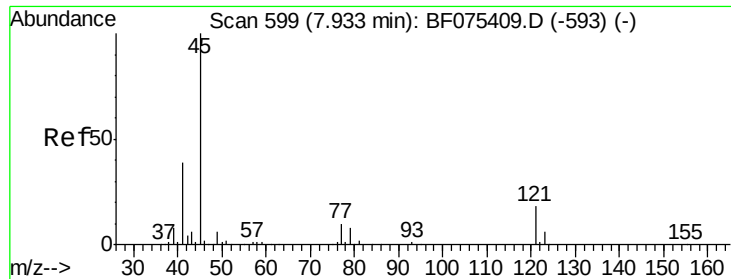
mohammad
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#15
Benzyl Alcohol
Concen: 23.69 ng
RT: 7.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
79	100		
108	91.8	75.5	113.3
77	59.1	52.1	78.1





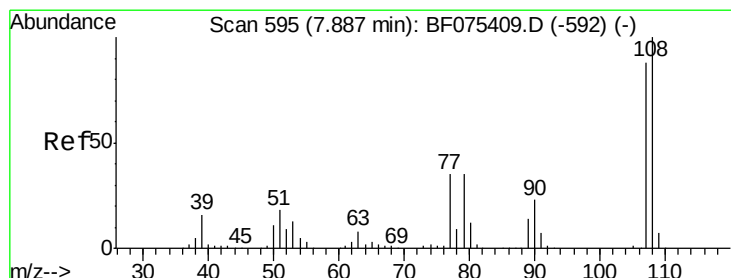
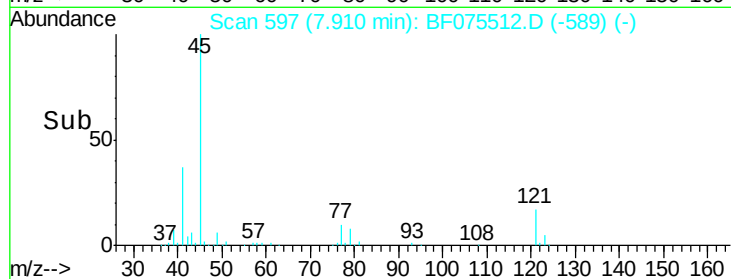
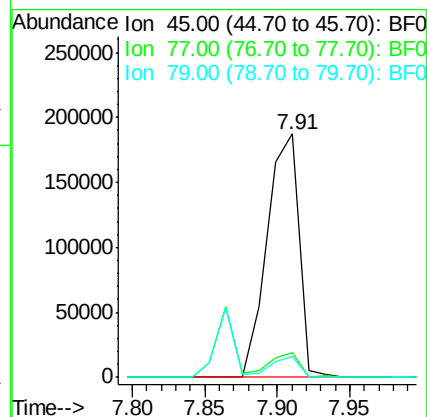
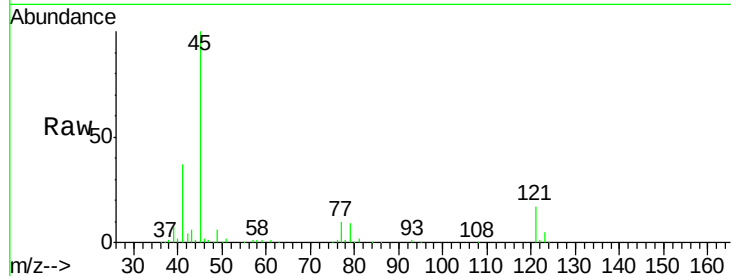
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 23.51 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	10.3	0.0	28.6
79	8.5	0.0	26.5

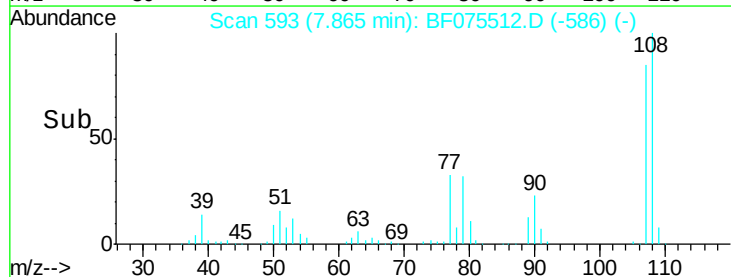
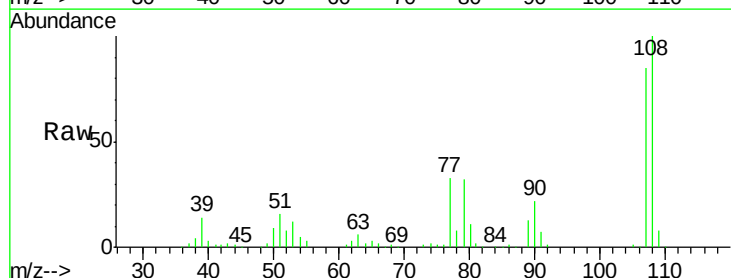
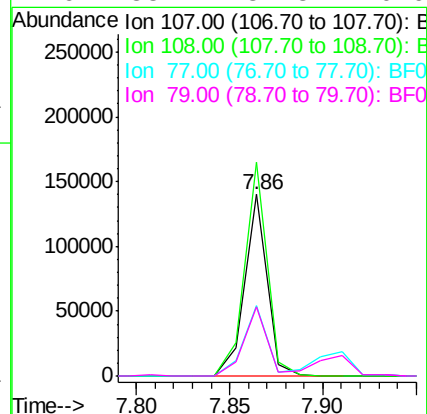
Manual Integrations
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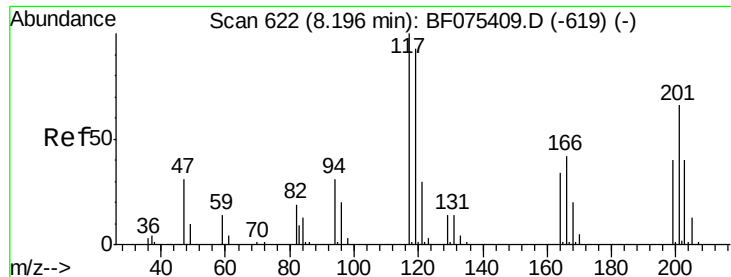
mohammad
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#17
2-Methylphenol
Concen: 23.20 ng
RT: 7.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	117.7	95.6	143.4
77	39.0	30.2	45.4
79	38.2	31.3	46.9





#18

Hexachloroethane

Concen: 23.36 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

ClientSampleId :

PB80327BS

Tot Ion:117 Resp: 54295

Ion Ratio Lower Upper

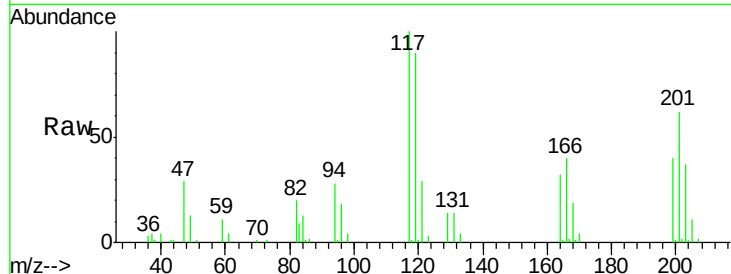
117 100

119 89.7 72.9 109.3

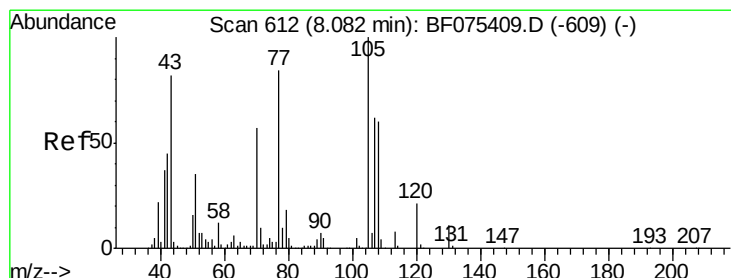
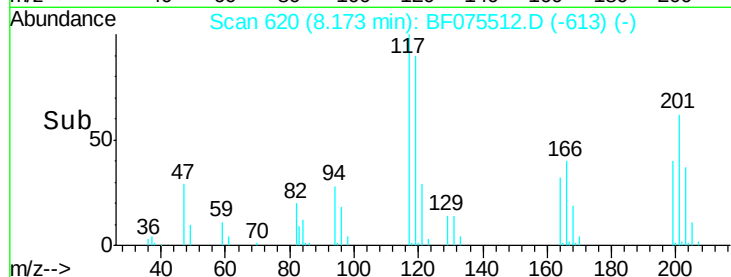
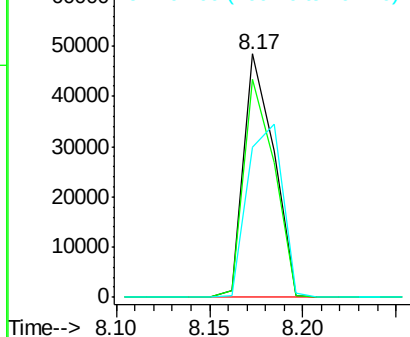
201 61.9 48.2 72.4

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



#19

n-Nitroso-di-n-propylamine

Concen: 23.17 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion: 70 Resp: 100287

Ion Ratio Lower Upper

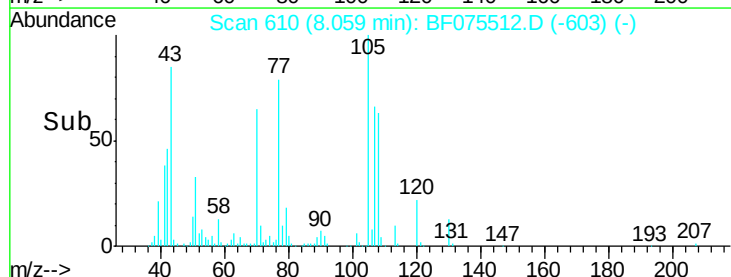
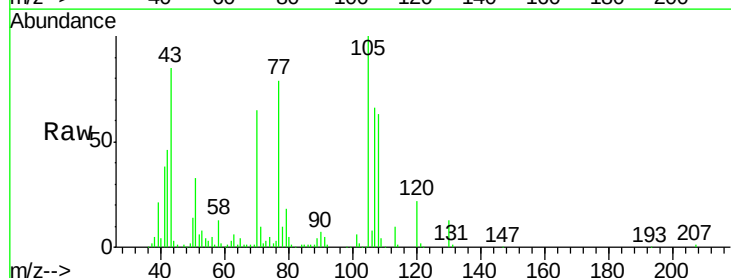
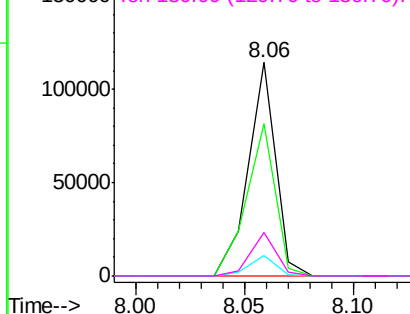
70 100

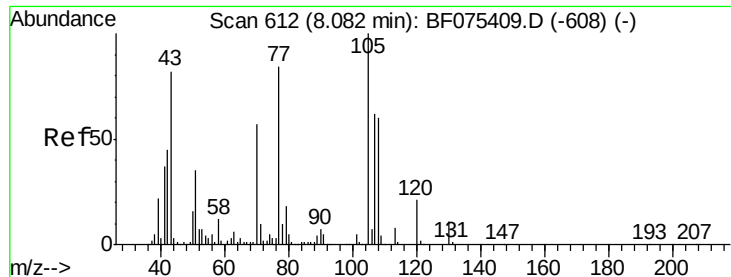
42 71.5 63.0 94.6

101 9.4 7.5 11.3

130 20.4 16.3 24.5

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





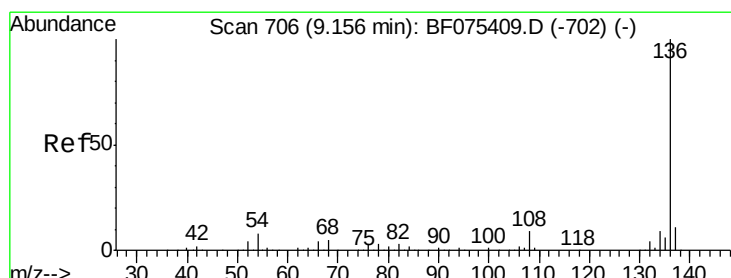
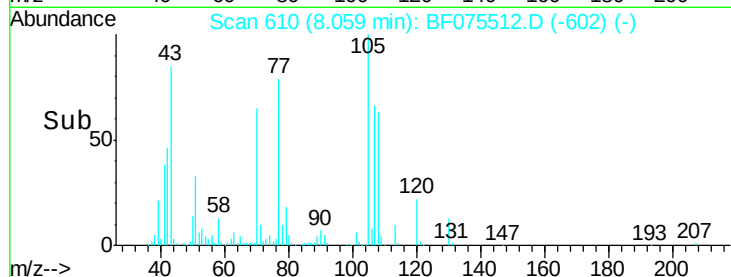
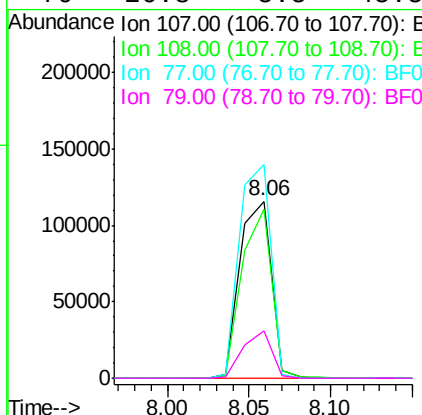
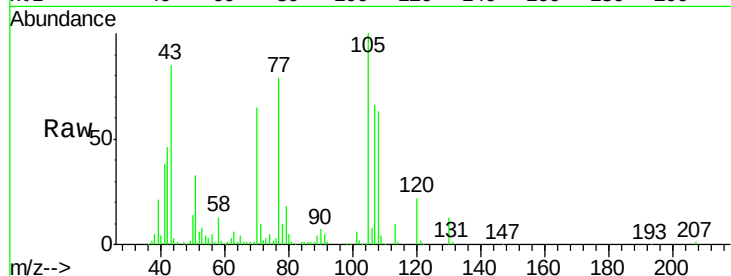
#20
3+4-Methylphenols
Concen: 23.32 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	95.4	69.6	109.6	
77	120.7	84.4	124.4	
79	26.8	5.5	45.5	

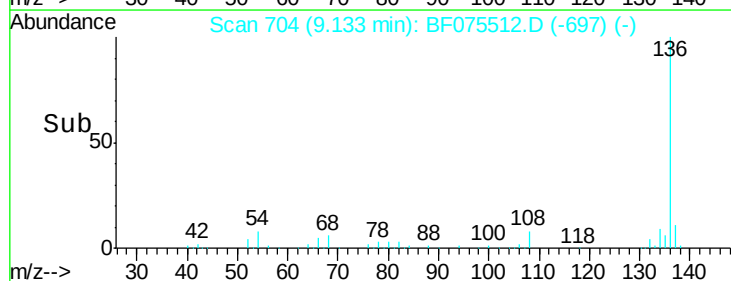
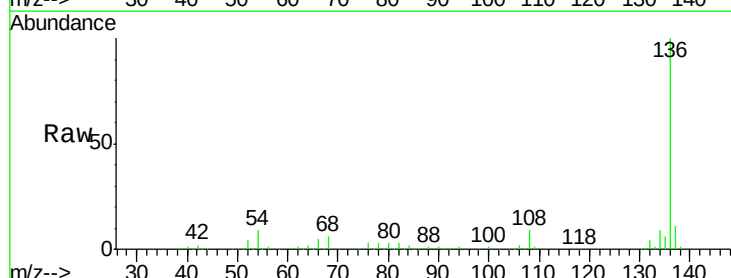
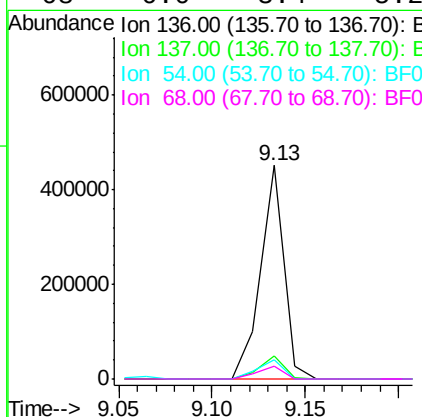
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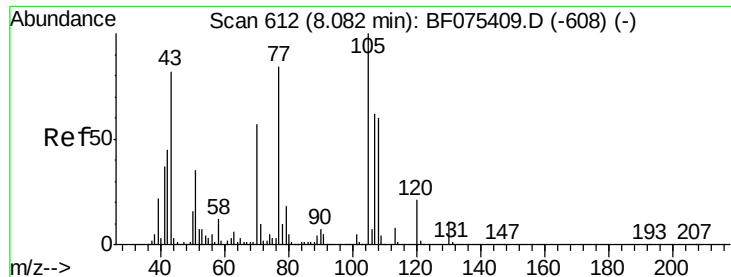
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.2	12.4	
54	8.7	6.2	9.4	
68	6.0	3.4	5.2	#





#22

Acetophenone

Concen: 24.19 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

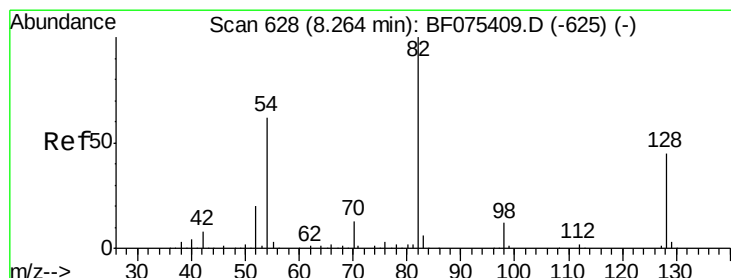
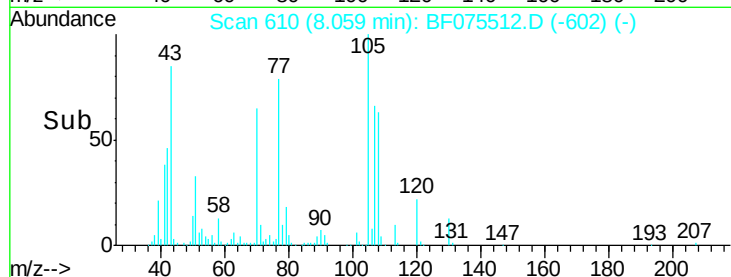
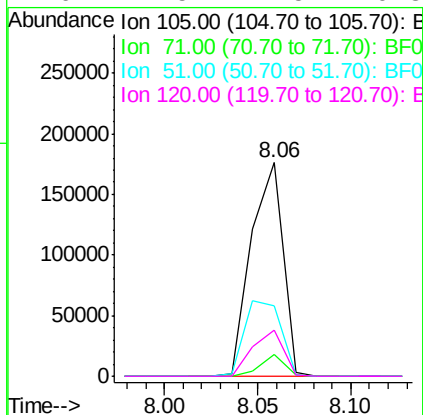
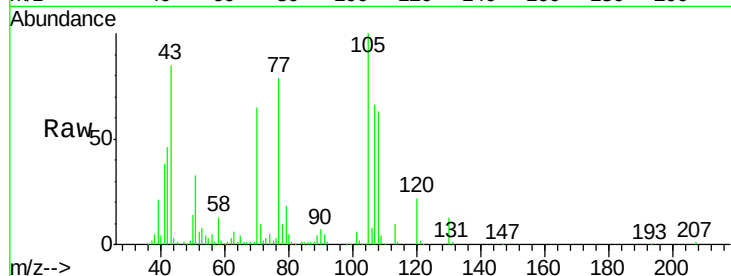
ClientSampleID :

PB80327BS

Tot Ion:	105	Resp:	207499
Ion Ratio	Lower	Upper	
105	100		
71	10.4	10.5	15.7#
51	33.2	24.2	36.2
120	21.5	17.5	26.3

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#23

Nitrobenzene-d5

Concen: 52.33 ng

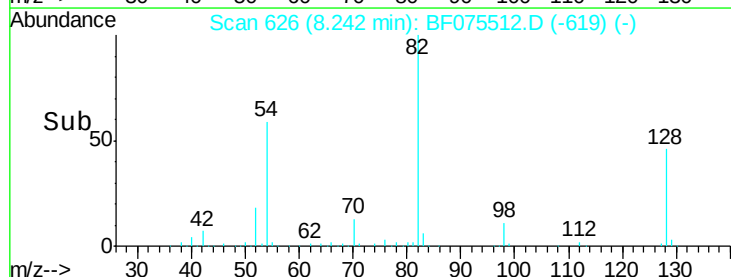
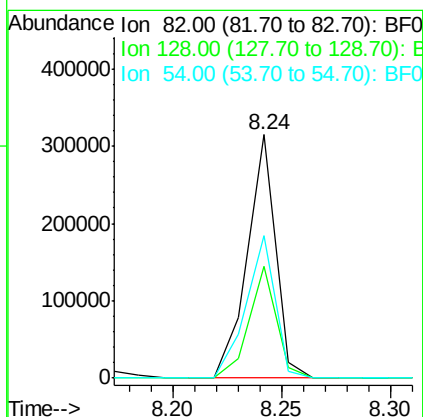
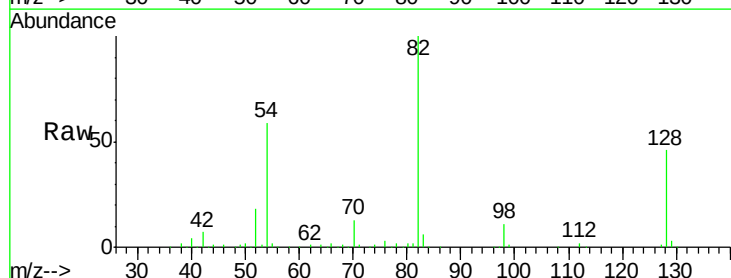
RT: 8.24 min Scan# 626

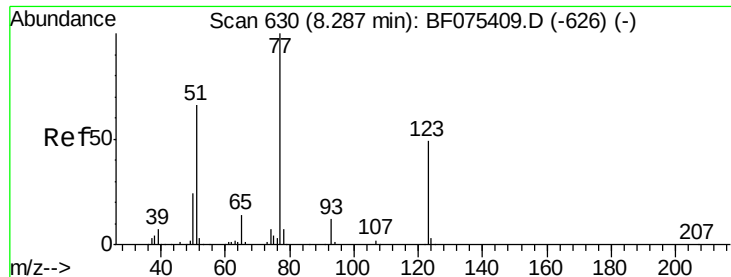
Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion:	82	Resp:	283825
Ion Ratio	Lower	Upper	
82	100		
128	45.9	37.8	56.6
54	58.7	49.8	74.8





#24

Nitrobenzene

Concen: 24.79 ng

RT: 8.26 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

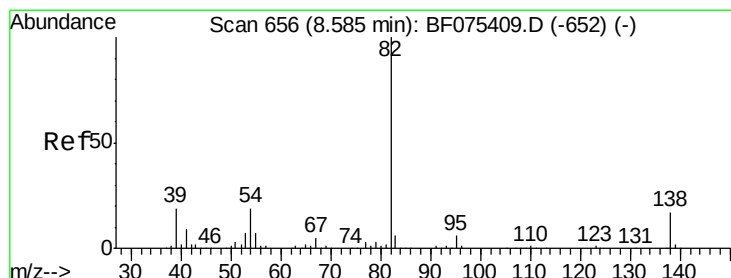
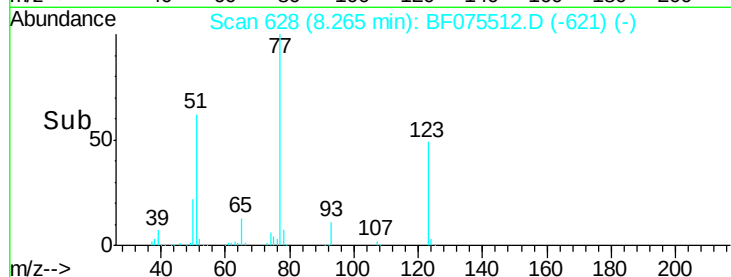
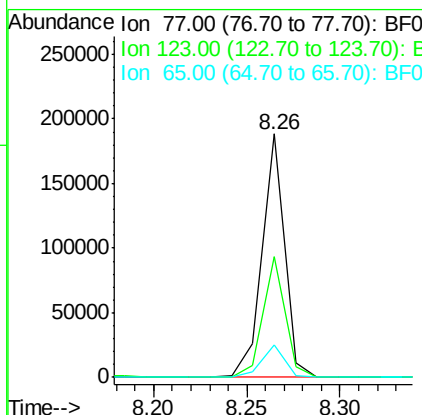
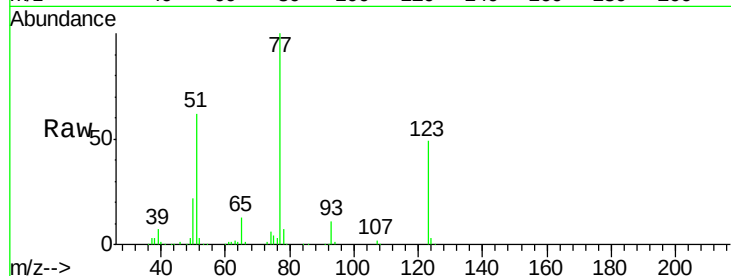
ClientSampleId :

PB80327BS

Tot Ion:	77	Resp:	155801
Ion Ratio	Lower	Upper	
77	100		
123	49.3	39.0	58.4
65	13.3	10.6	15.8

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#25

Isophorone

Concen: 23.07 ng

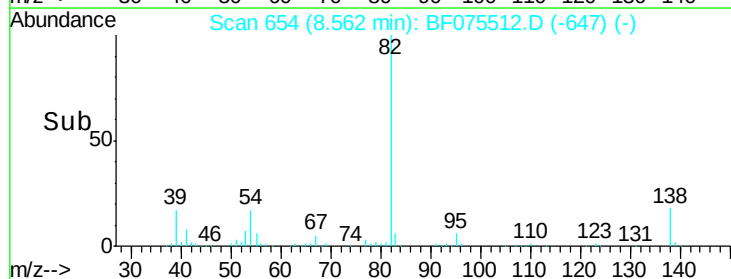
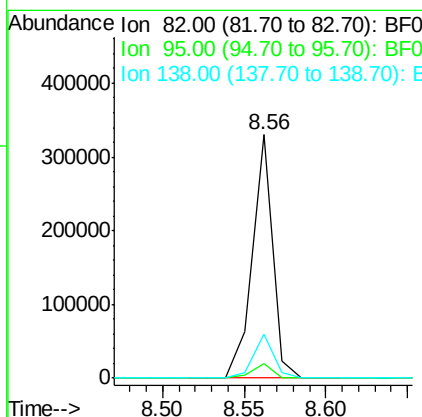
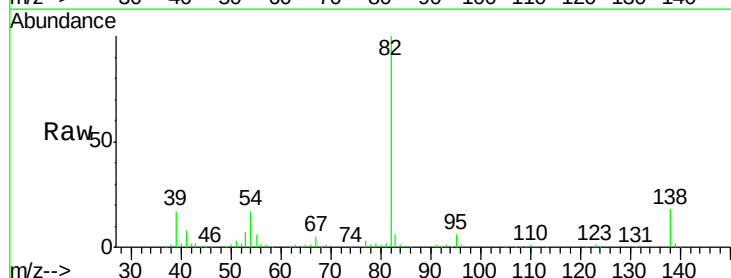
RT: 8.56 min Scan# 654

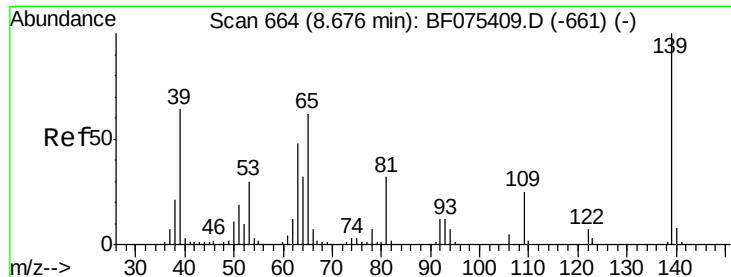
Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion:	82	Resp:	285728
Ion Ratio	Lower	Upper	
82	100		
95	5.7	5.2	7.8
138	17.9	15.0	22.6





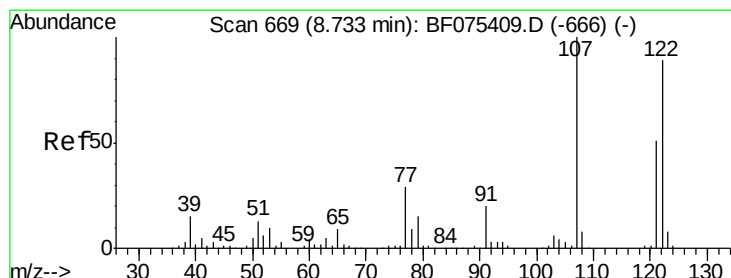
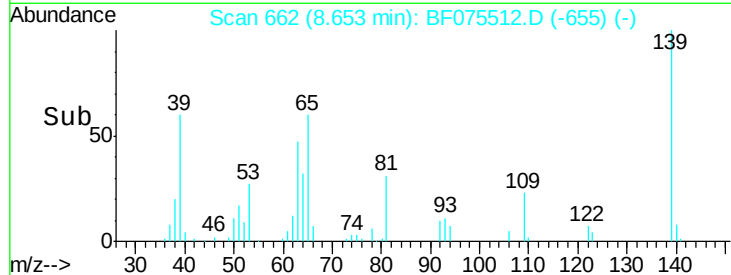
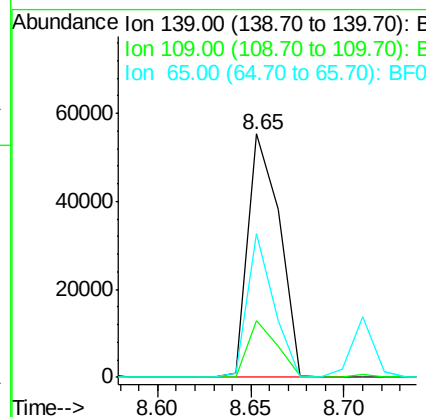
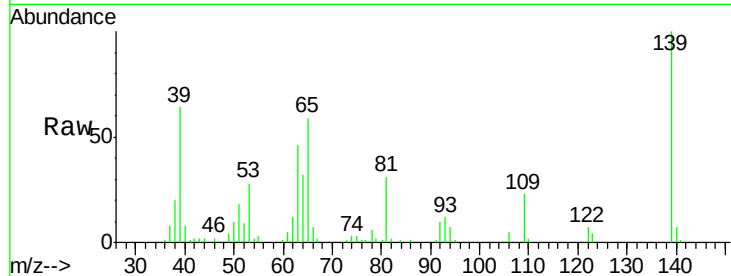
#26
2-Nitrophenol
Concen: 22.75 ng
RT: 8.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	65161		
109	23.1	22.3	33.5	
65	58.8	49.1	73.7	

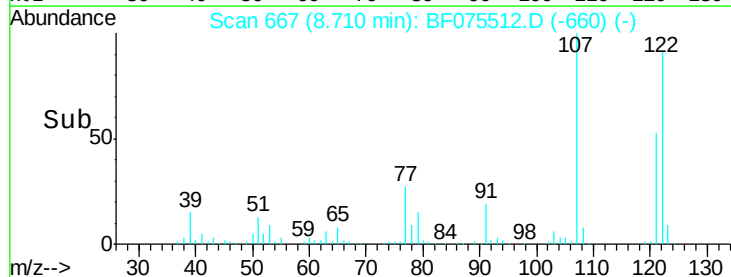
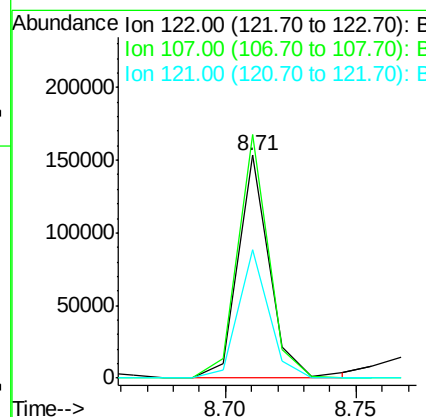
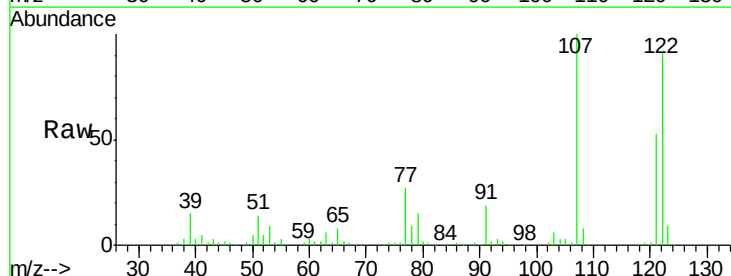
Manual Integrations
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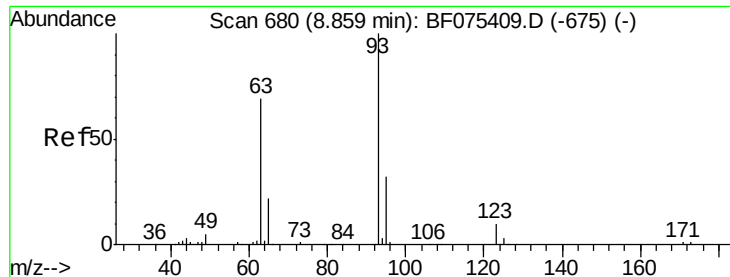
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#27
2,4-Dimethylphenol
Concen: 23.41 ng
RT: 8.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	129971		
107	109.3	86.5	129.7	
121	57.4	45.4	68.2	





#28

bis(2-Chloroethoxy)methane

Concen: 24.65 ng

RT: 8.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

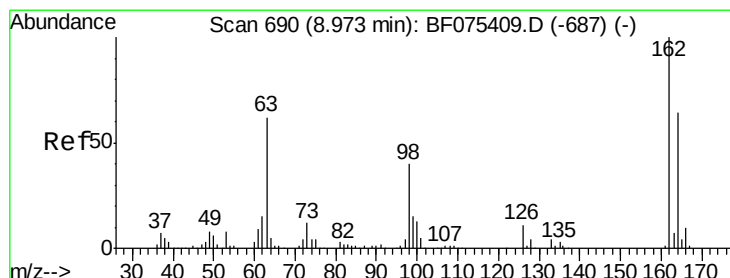
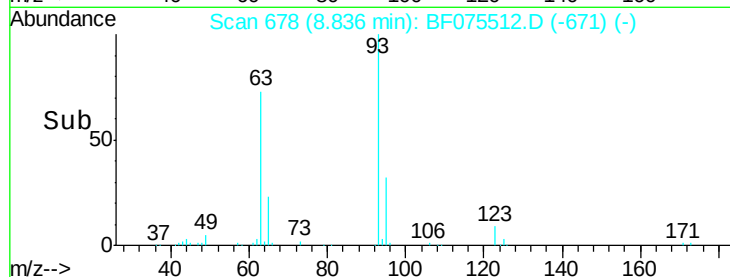
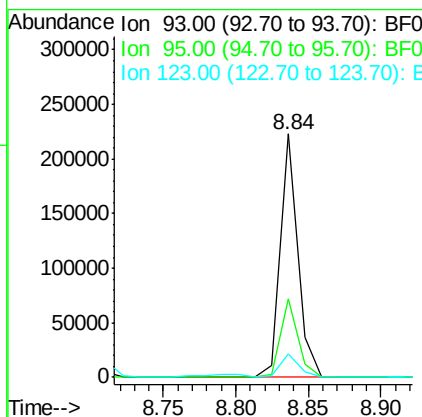
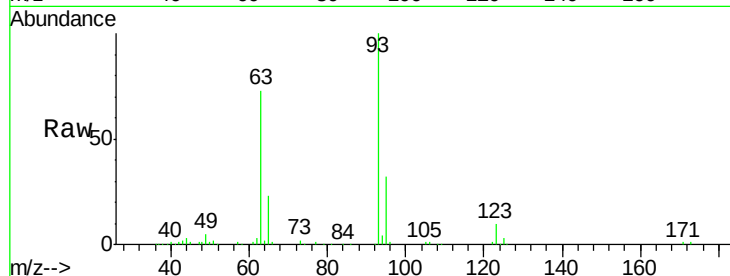
ClientSampleId :

PB80327BS

Tot Ion:	93	Resp:	186006
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.2	39.4
123	9.6	8.8	13.2

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#29

2,4-Dichlorophenol

Concen: 23.17 ng

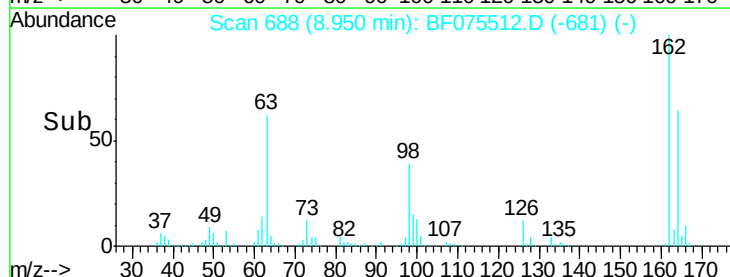
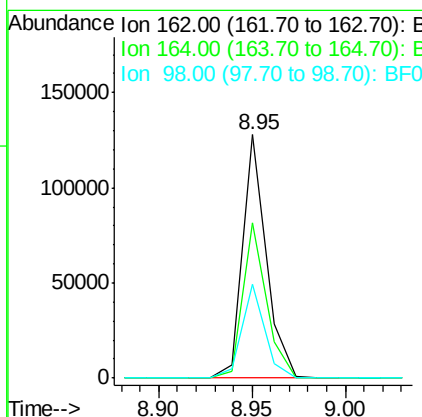
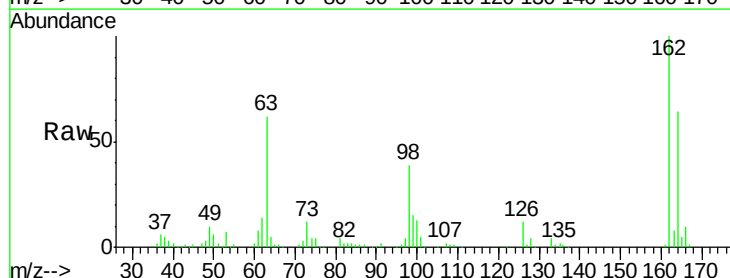
RT: 8.95 min Scan# 688

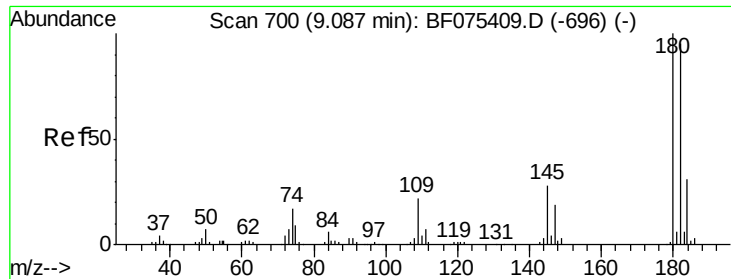
Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion:	162	Resp:	112665
Ion Ratio	Lower	Upper	
162	100		
164	63.7	43.8	83.8
98	38.8	14.6	54.6





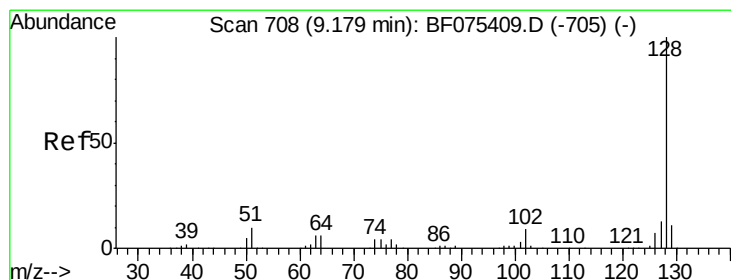
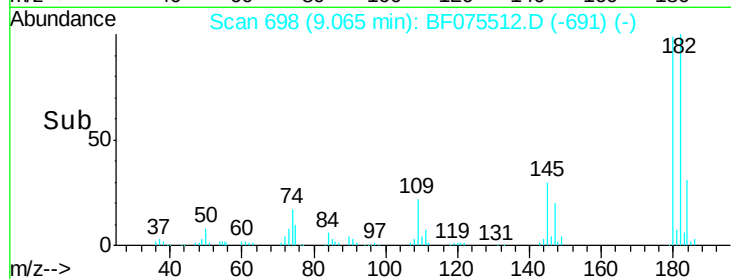
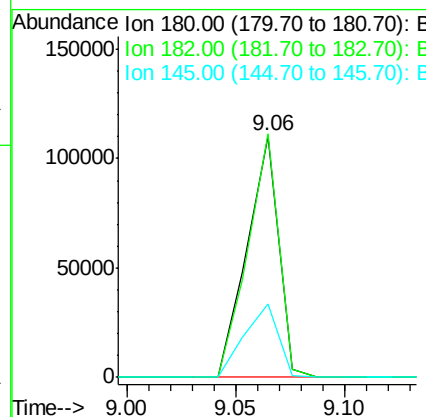
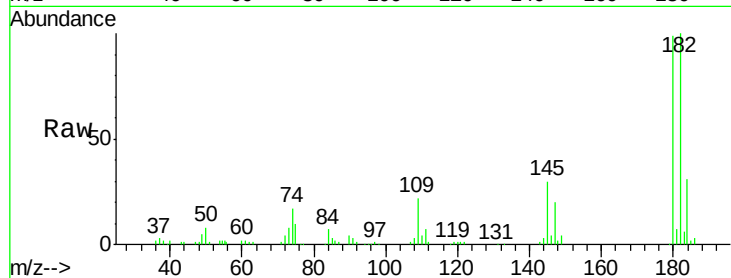
#30
 1,2,4-Trichlorobenzene
 Concen: 21.76 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB80327BS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111107		
182	100.8	78.4	117.6	
145	30.4	22.3	33.5	

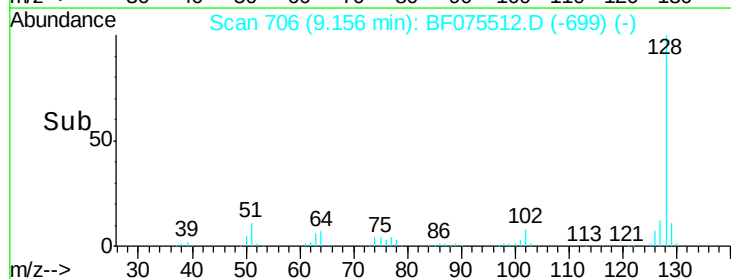
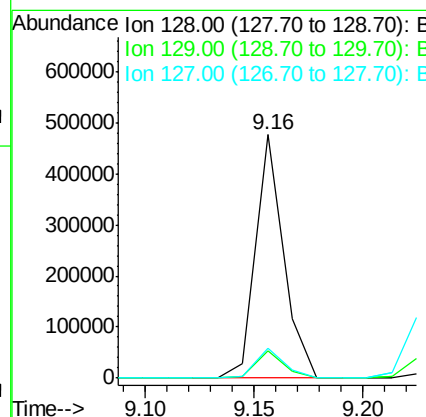
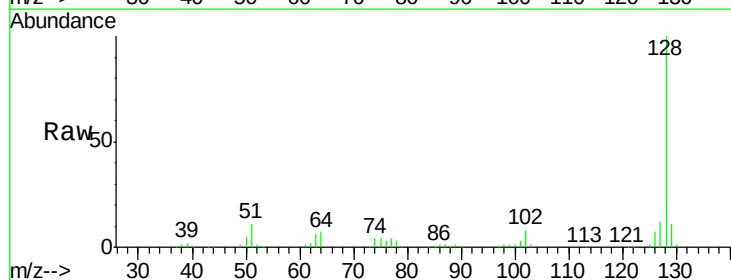
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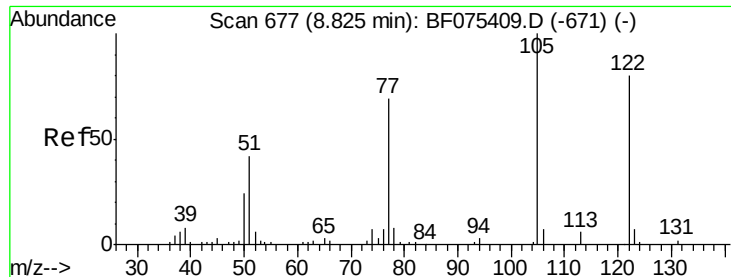
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#31
 Naphthalene
 Concen: 24.11 ng
 RT: 9.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	427473		
129	11.3	9.0	13.4	
127	12.1	10.2	15.4	





#32

Benzoic acid

Concen: 26.87 ng/mL

RT: 8.80 min Scan# 675

Delta R.T. 0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

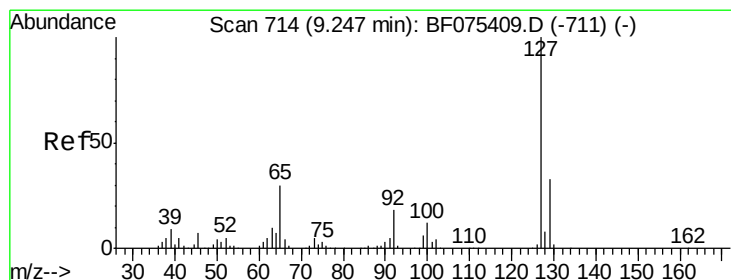
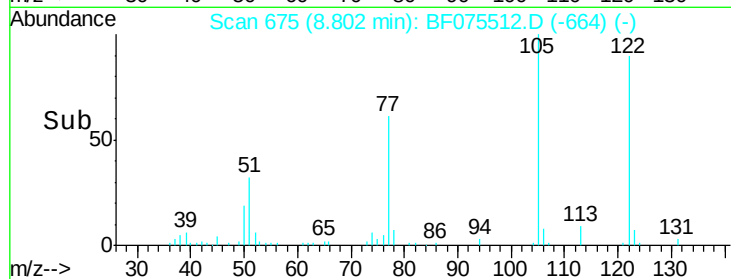
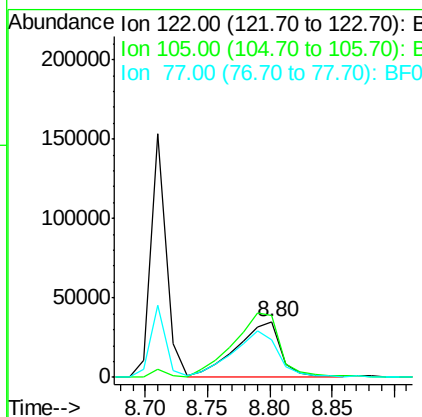
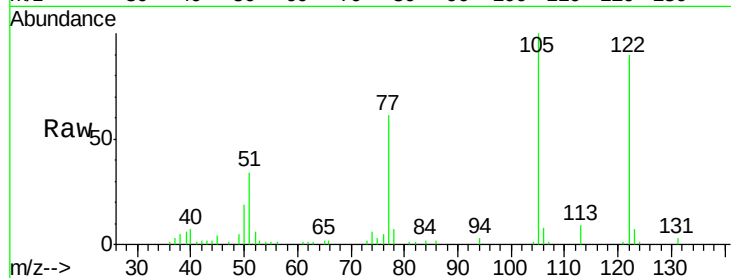
ClientSampleId :

PB80327BS

Tot Ion:	122	Resp:	90125
Ion Ratio	Lower	Upper	
122	100		
105	111.2	95.1	135.1
77	67.8	62.6	102.6

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#33

4-Chloroaniline

Concen: 13.33 ng

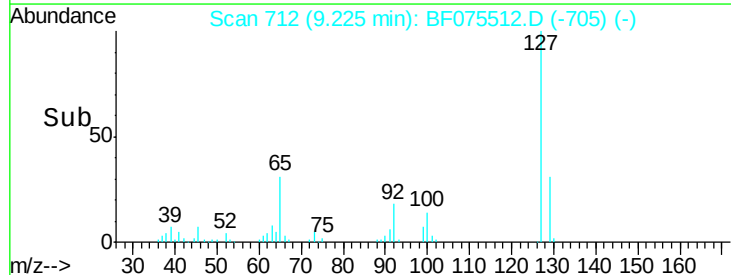
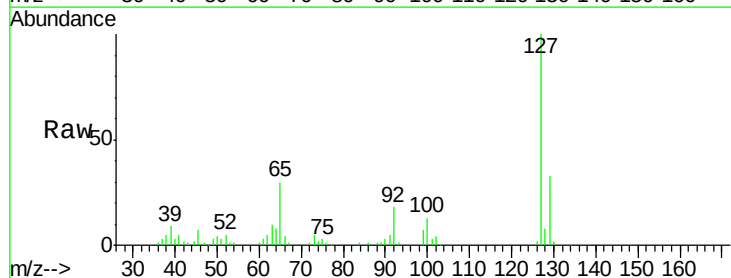
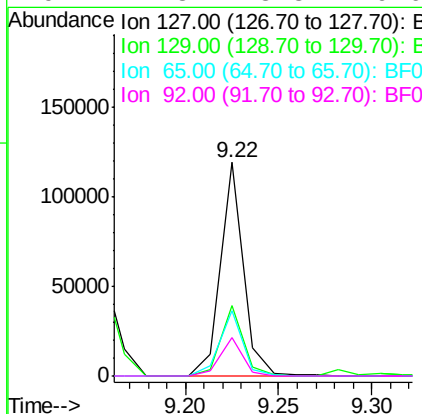
RT: 9.22 min Scan# 712

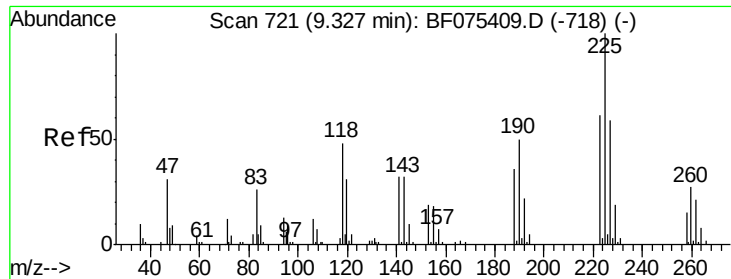
Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion:	127	Resp:	102651
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.5	38.3
65	30.3	22.8	34.2
92	17.8	13.8	20.6





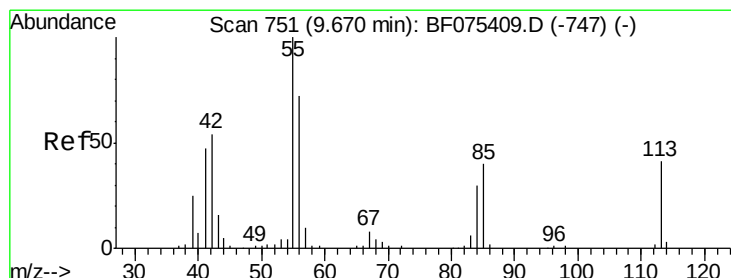
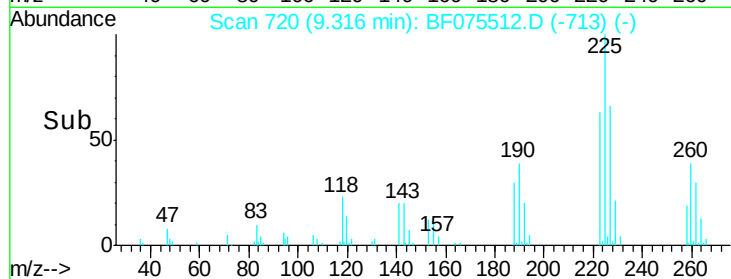
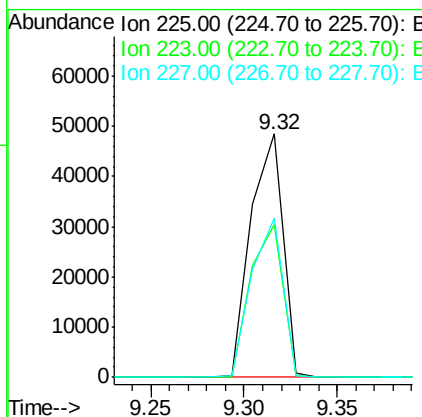
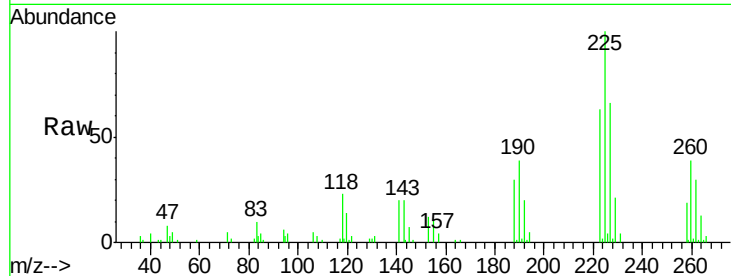
#34
Hexachlorobutadiene
Concen: 20.90 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	65.6	48.6	73.0

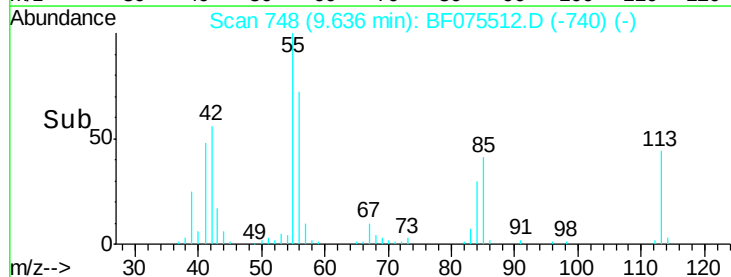
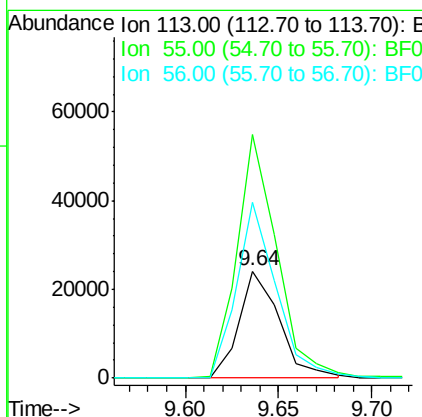
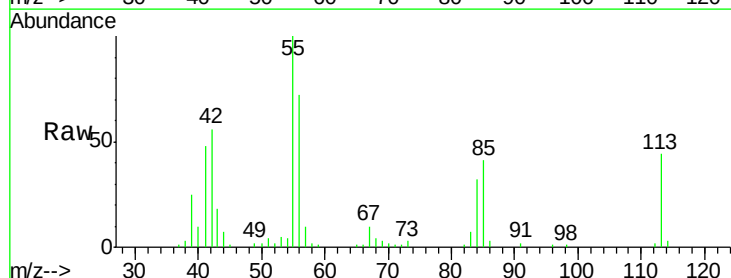
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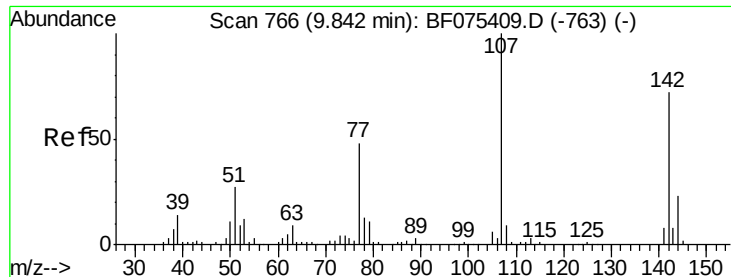
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#35
Caprolactam
Concen: 22.68 ng
RT: 9.64 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
113	100		
55	227.4	226.9	266.9
56	164.5	148.4	188.4





#36

4-Chloro-3-methylphenol

Concen: 21.40 ng

RT: 9.82 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

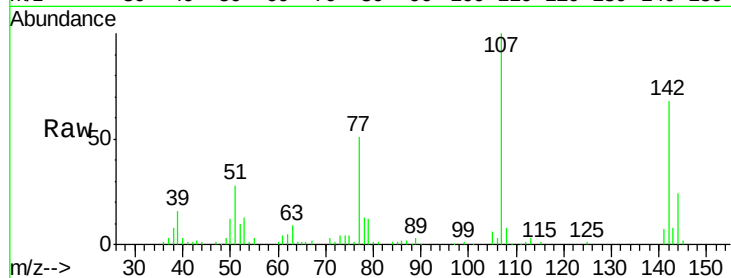
ClientSampleId :

PB80327BS

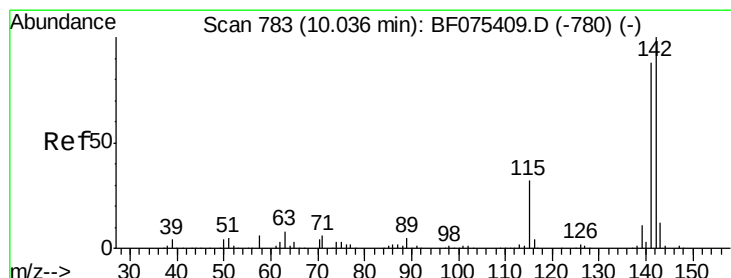
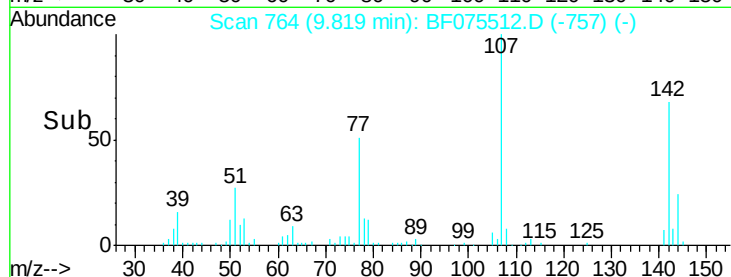
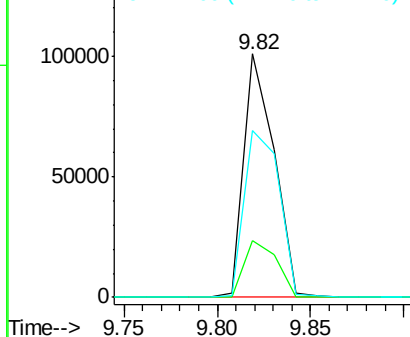
Tot Ion:	107	Resp:	114184
Ion Ratio	Lower	Upper	
107	100		
144	23.5	19.1	28.7
142	68.3	62.9	94.3

Manual Integrations
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 23.40 ng

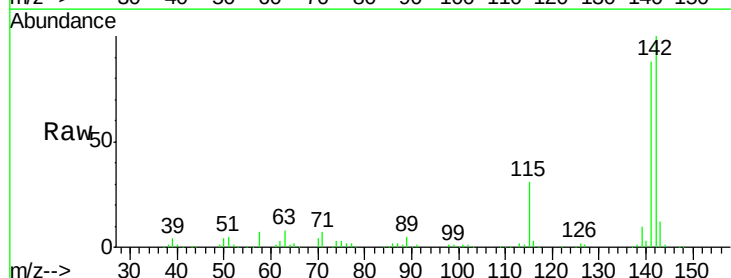
RT: 10.01 min Scan# 781

Delta R.T. -0.02 min

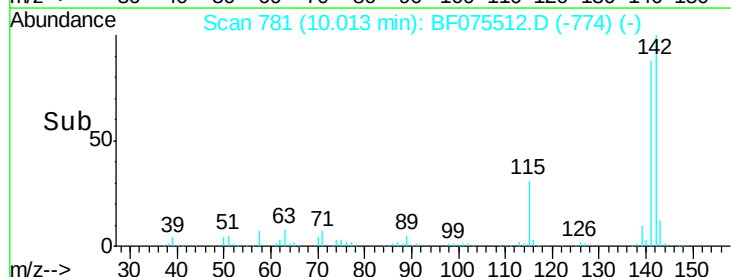
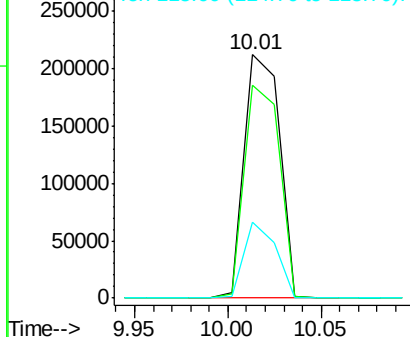
Lab File: BF075512.D

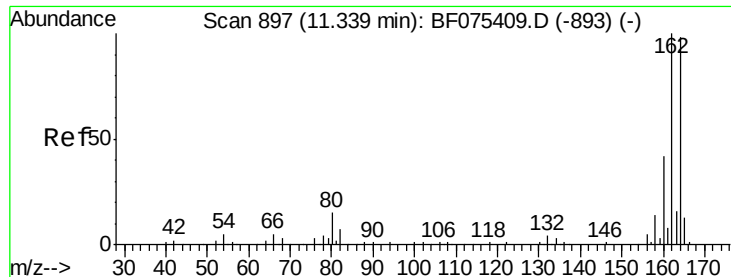
Acq: 14 Nov 2014 23:52

Tgt Ion:	142	Resp:	283084
Ion Ratio	Lower	Upper	
142	100		
141	87.5	69.9	104.9
115	31.3	27.6	41.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

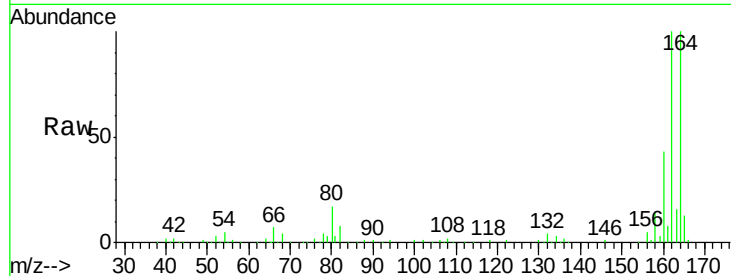
ClientSampleId :

PB80327BS

Tot Ion:	164	Resp:	203868
Ion Ratio	Lower	Upper	
164	100		
162	100.1	79.1	118.7
160	42.7	34.6	51.8

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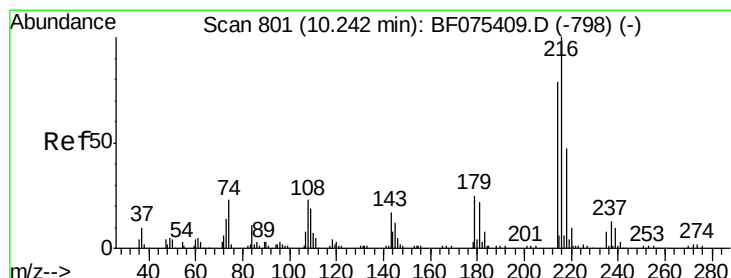
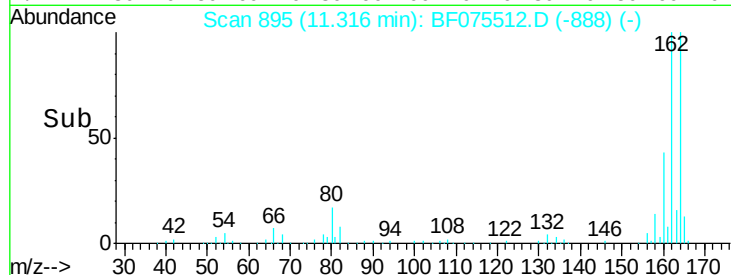
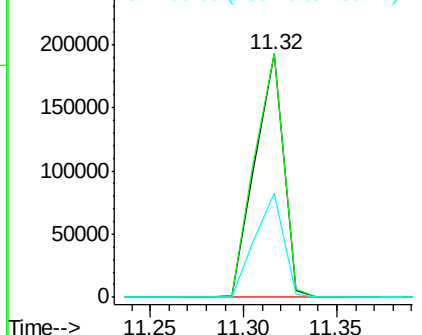


Abundance

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: 23.71 ng

RT: 10.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion:	216	Resp:	99357
Ion Ratio	Lower	Upper	
216	100		
214	80.3	62.8	94.2
179	22.9	18.7	28.1
108	24.7	18.1	27.1

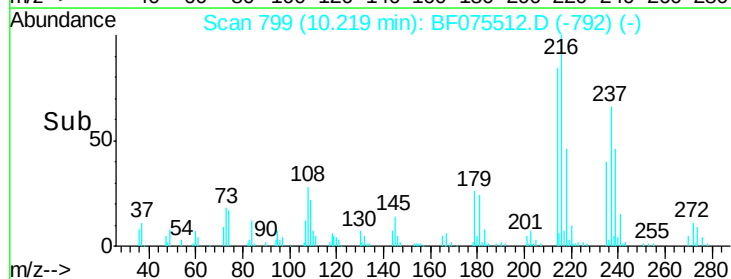
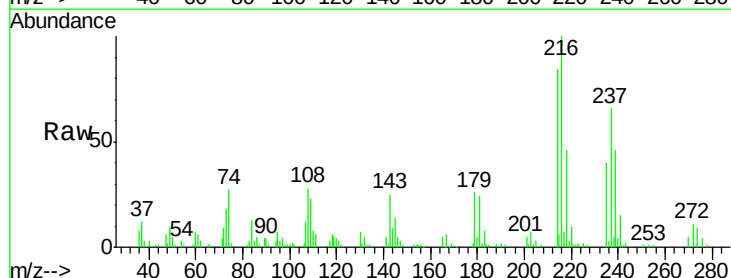
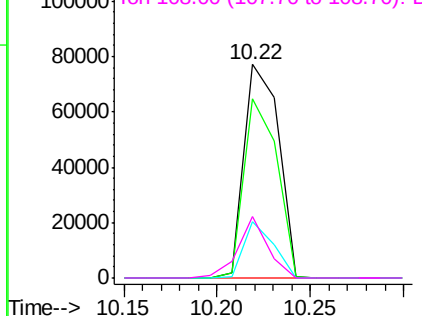
Abundance

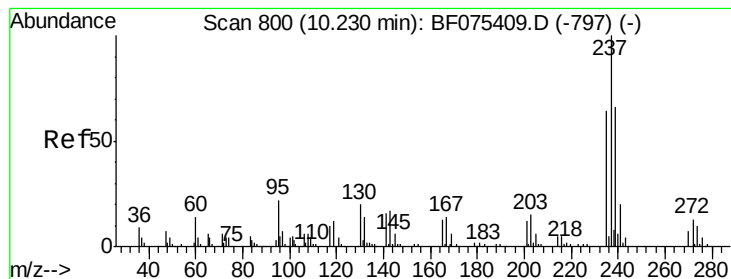
Ion 216.00 (215.70 to 216.70): E

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: 50.36 ng

RT: 10.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

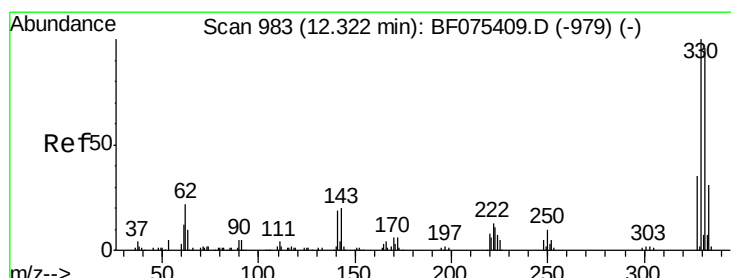
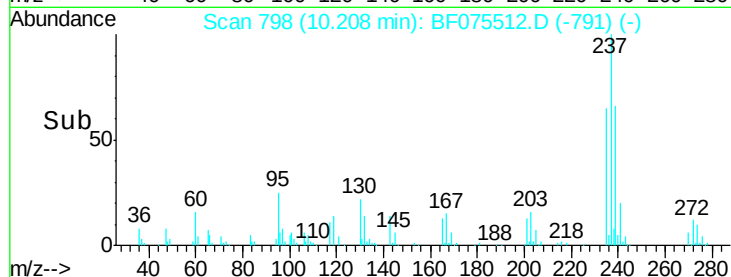
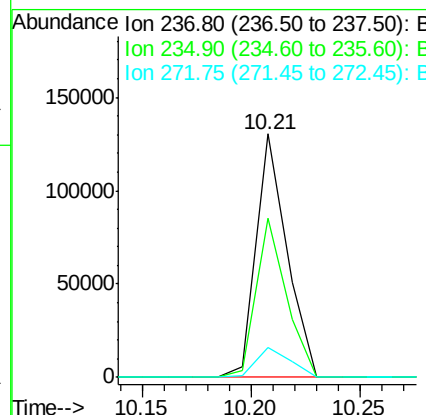
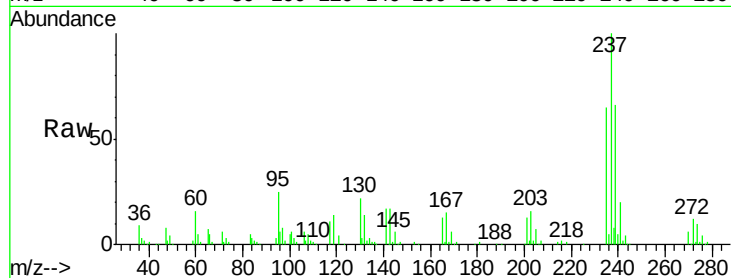
ClientSampleId :

PB80327BS

Tot Ion:	237	Resp:	128190
Ion Ratio	Lower	Upper	
237	100		
235	65.5	45.7	85.7
272	12.3	0.0	32.6

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 66.98 ng

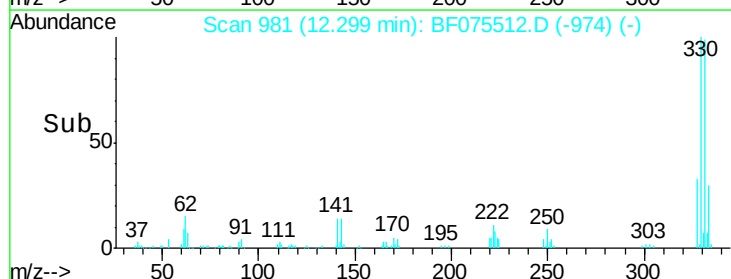
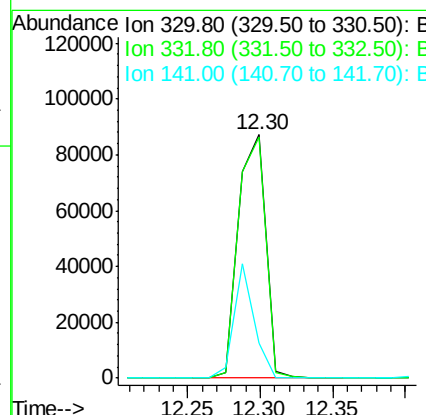
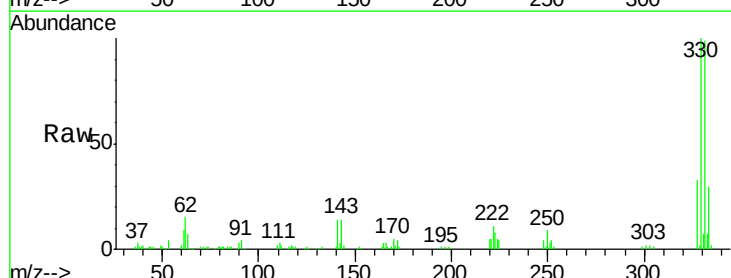
RT: 12.30 min Scan# 981

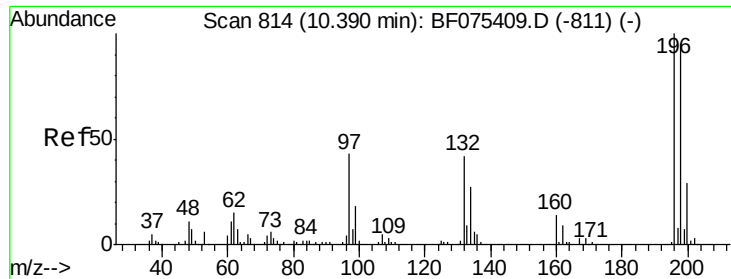
Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion:	330	Resp:	114371
Ion Ratio	Lower	Upper	
330	100		
332	98.9	74.5	111.7
141	34.4	30.7	46.1





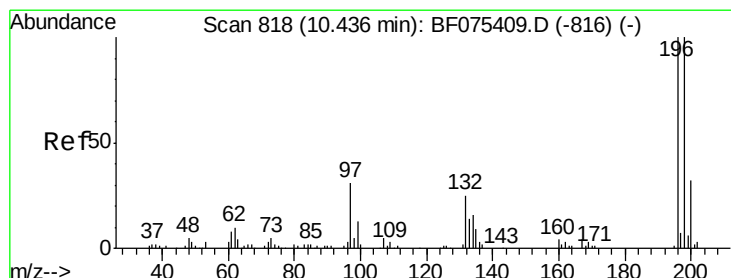
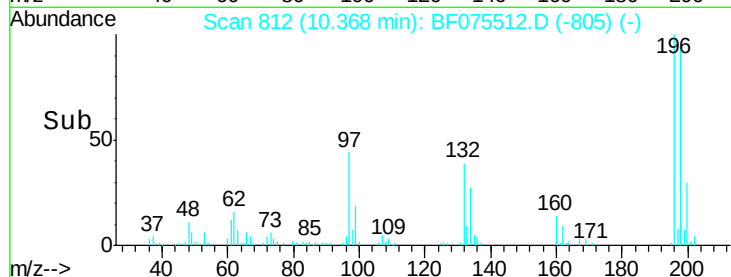
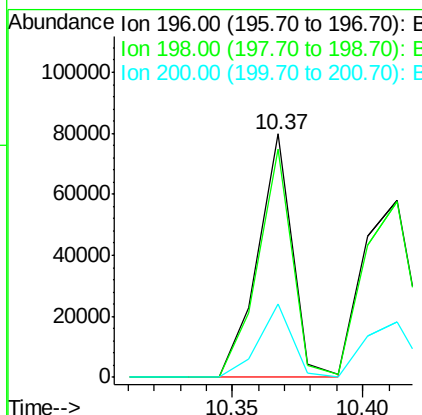
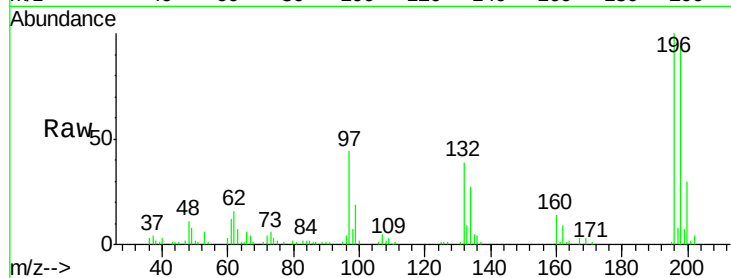
#42
 2,4,6-Trichlorophenol
 Concen: 22.15 ng
 RT: 10.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Instrument :
 BNA_F
 ClientSampled :
 PB80327BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	73810		
198	93.9	75.7	113.5	
200	30.4	23.4	35.0	

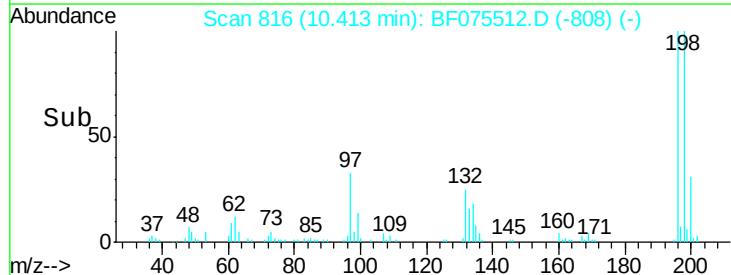
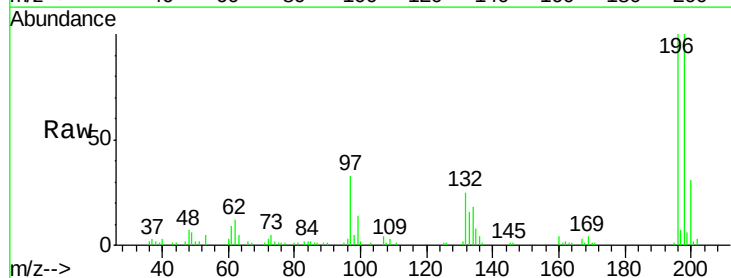
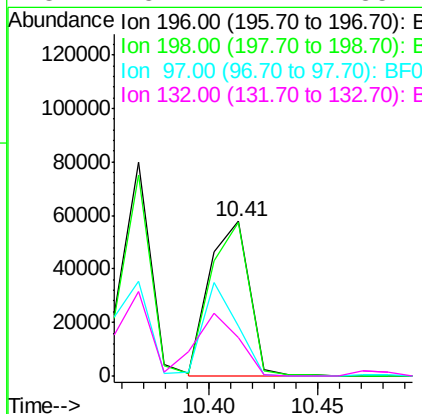
Manual Integrations
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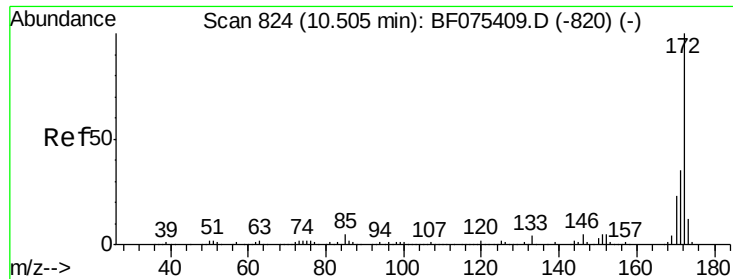
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#43
 2,4,5-Trichlorophenol
 Concen: 21.25 ng
 RT: 10.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73746		
198	99.6	78.2	117.4	
97	32.5	29.9	44.9	
132	25.2	22.2	33.2	





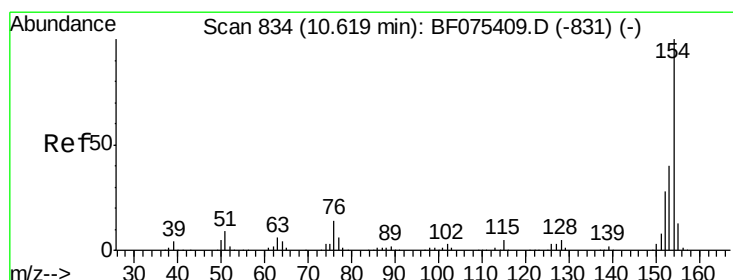
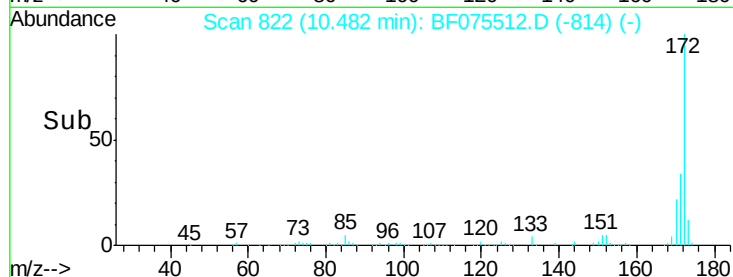
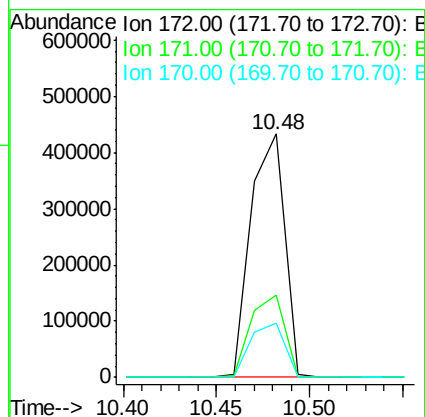
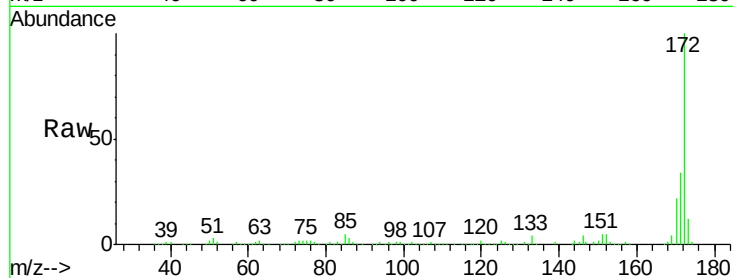
#44
2-Fluorobiphenyl
Concen: 48.30 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.3	40.9
170	22.3	18.4	27.6

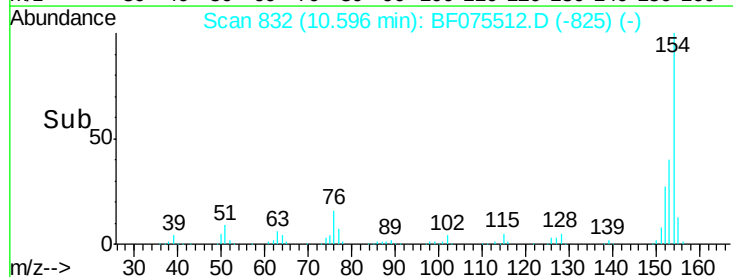
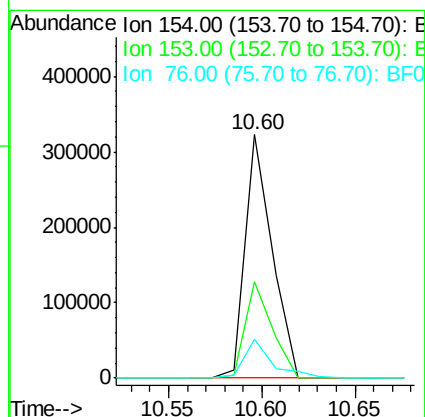
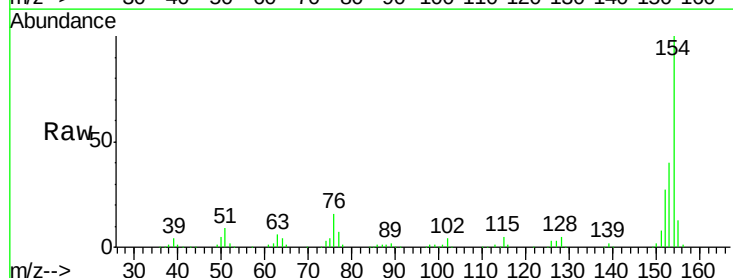
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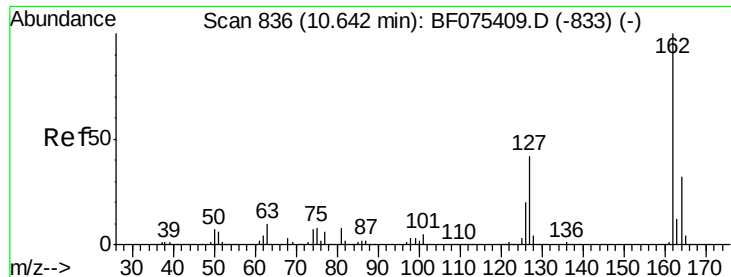
mohammad
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#45
1,1'-Biphenyl
Concen: 23.43 ng
RT: 10.60 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.3	59.3
76	16.1	0.0	35.0





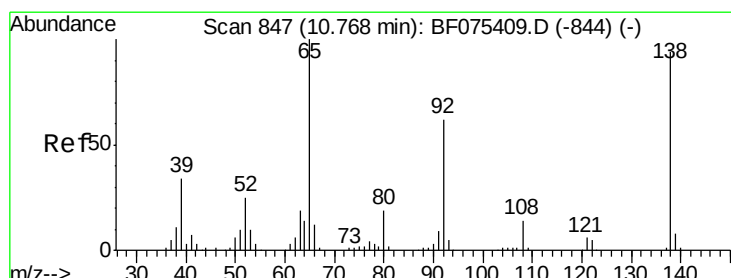
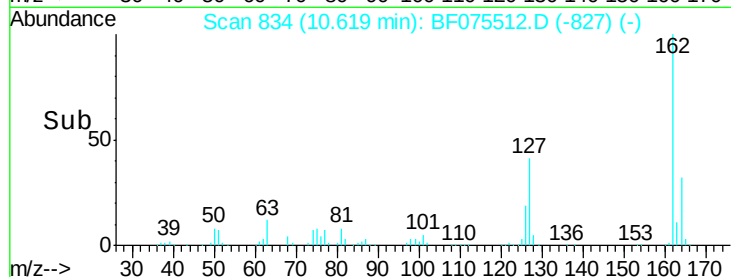
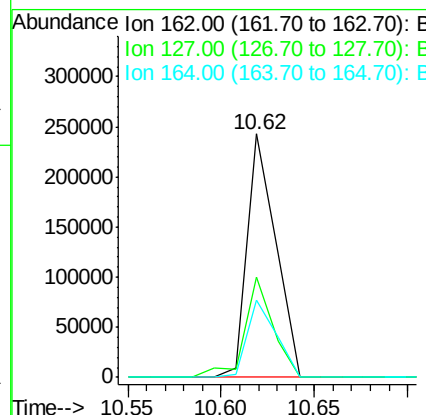
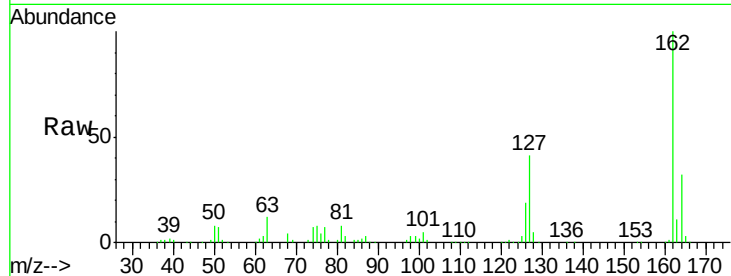
#46
2-Chloronaphthalene
Concen: 23.99 ng
RT: 10.62 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.0	34.6	51.8		
164	31.9	25.1	37.7		

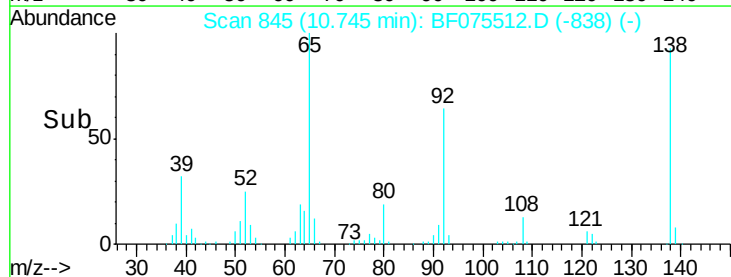
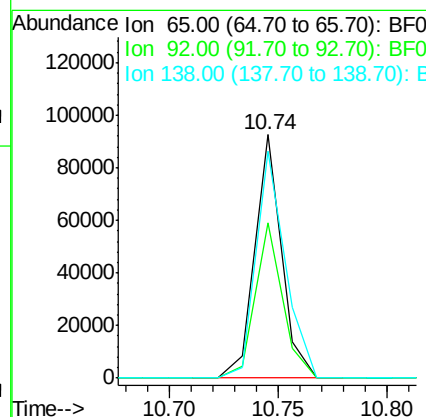
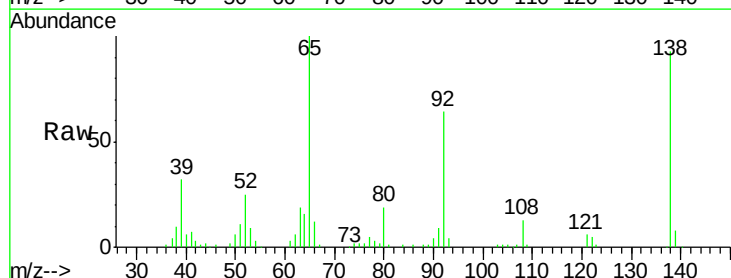
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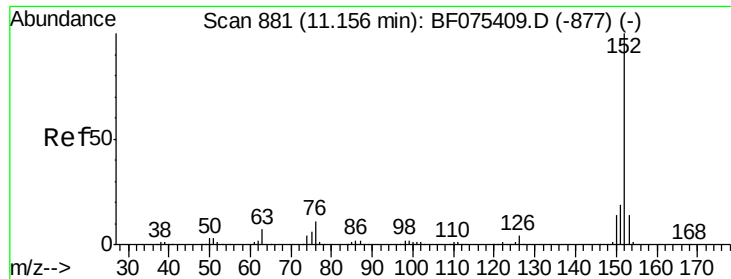
mohammad
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#47
2-Nitroaniline
Concen: 24.35 ng
RT: 10.74 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	63.9	46.7	70.1		
138	93.4	62.8	94.2		





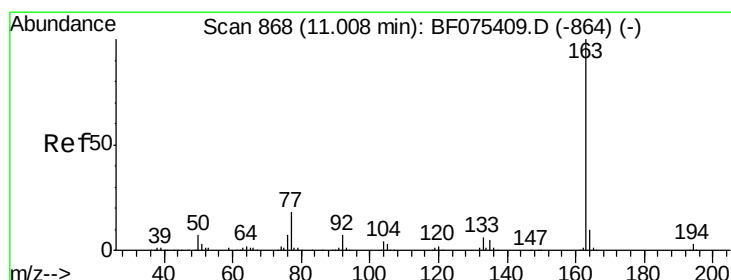
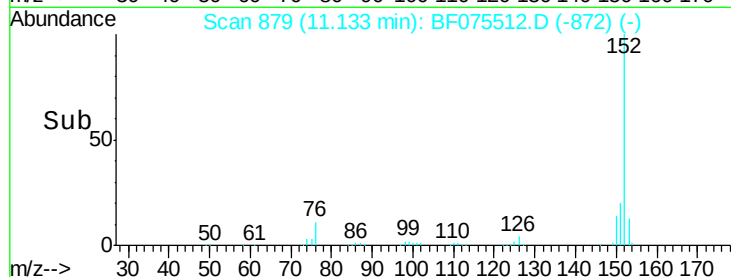
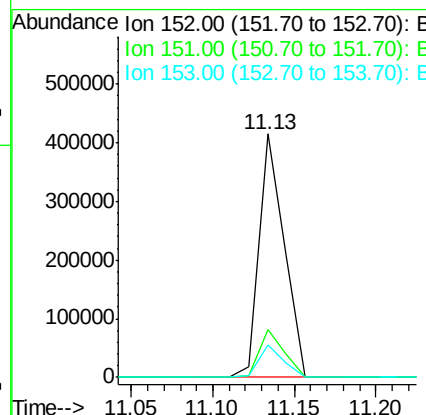
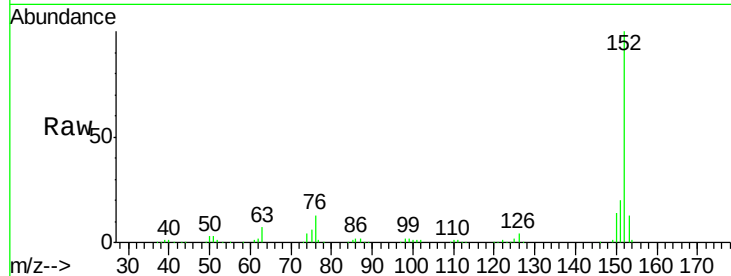
#48
Acenaphthylene
Concen: 25.04 ng
RT: 11.13 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	443906		
151	19.6		15.4	23.2
153	13.1		10.0	15.0

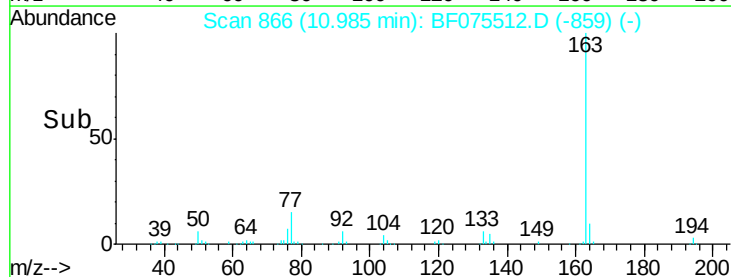
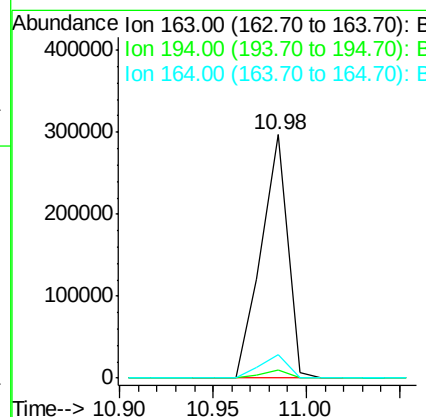
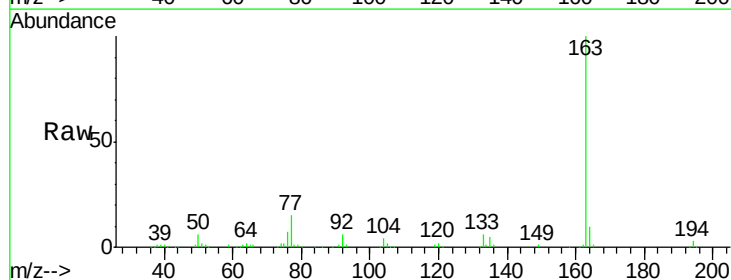
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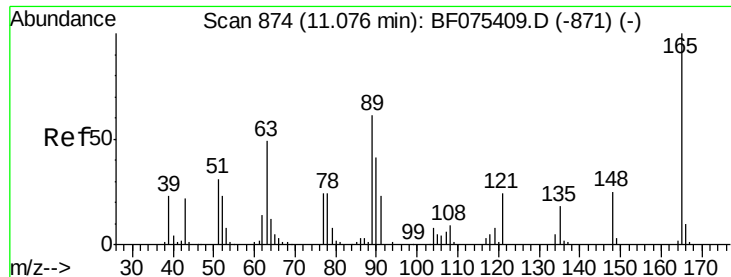
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#49
Dimethylphthalate
Concen: 20.97 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	292296		
194	3.5		2.7	4.1
164	9.7		8.0	12.0





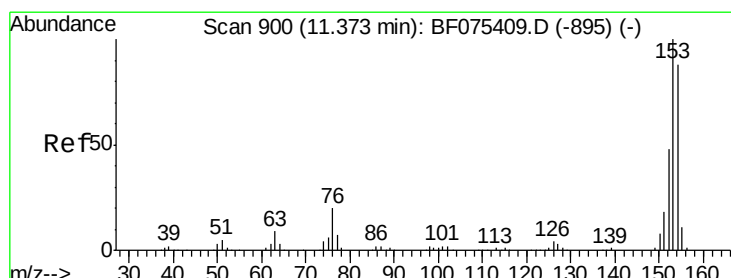
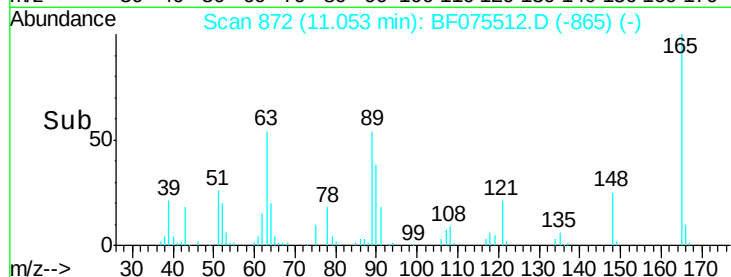
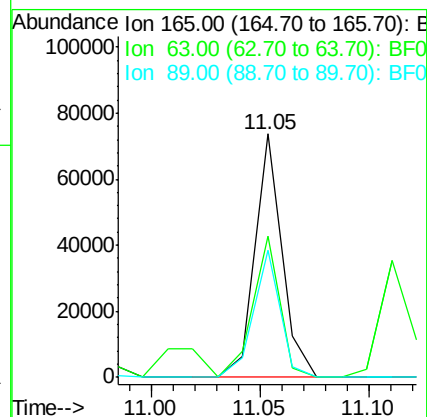
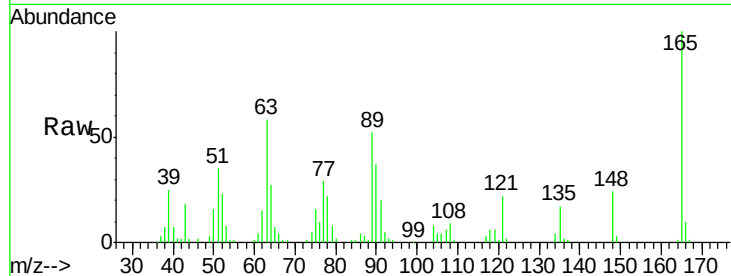
#50
2,6-Dinitrotoluene
Concen: 23.14 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.8	61.2	91.8#
89	52.4	52.5	78.7#

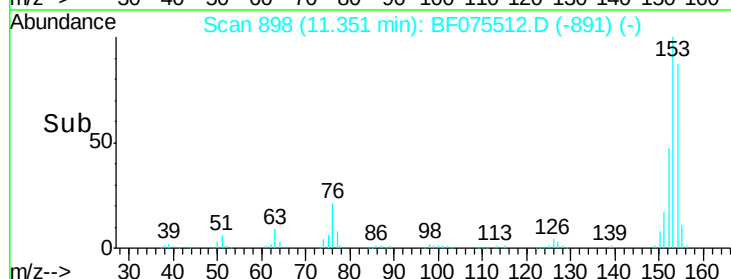
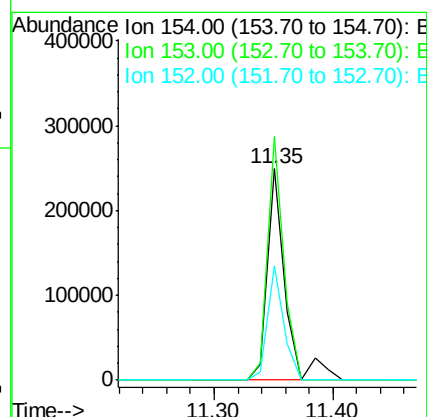
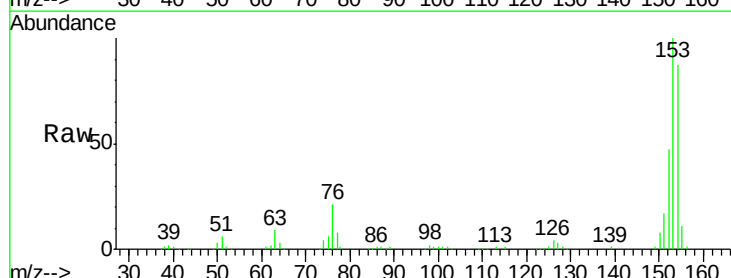
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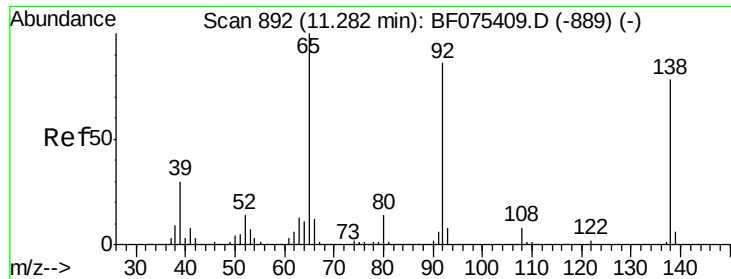
mohammad
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#51
Acenaphthene
Concen: 24.96 ng
RT: 11.35 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.2	136.8
152	54.2	43.4	65.0





#52

3-Nitroaniline

Concen: 17.92 ng

RT: 11.26 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

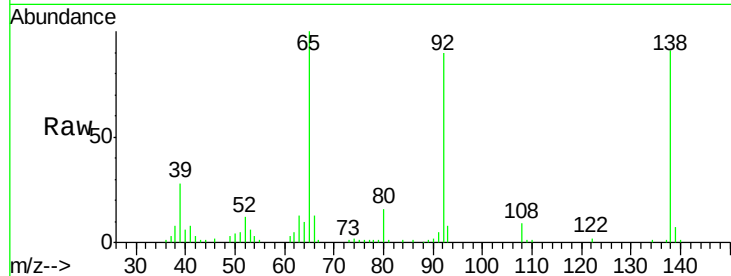
ClientSampleId :

PB80327BS

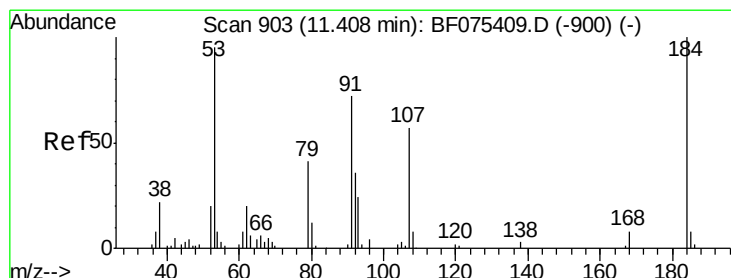
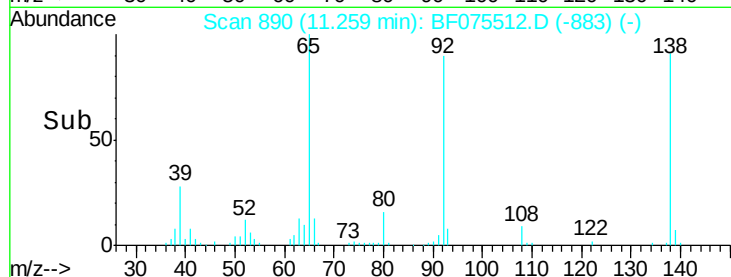
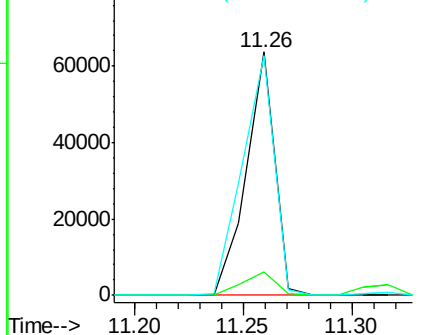
Tot Ion:138	Resp:	58008
Ion Ratio	Lower	Upper
138	100	
108	9.6	10.2 15.2#
92	98.6	91.0 136.6

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



#53

2,4-Dinitrophenol

Concen: 41.90 ng

RT: 11.38 min Scan# 901

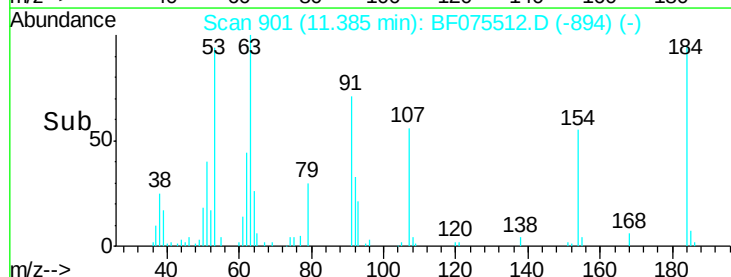
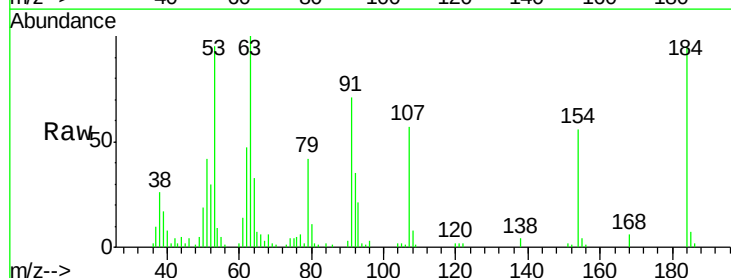
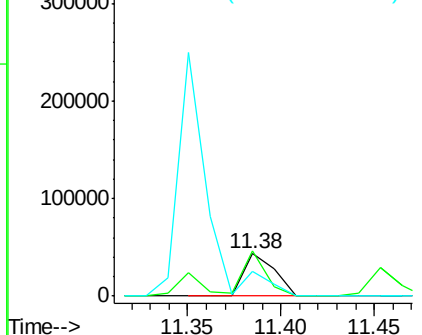
Delta R.T. -0.02 min

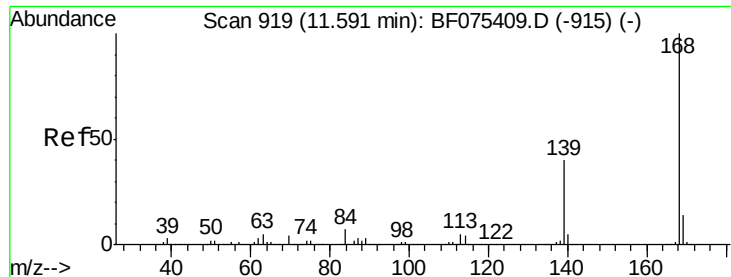
Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion:184	Resp:	50880
Ion Ratio	Lower	Upper
184	100	
63	104.8	96.3 144.5
154	58.4	56.2 84.4

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





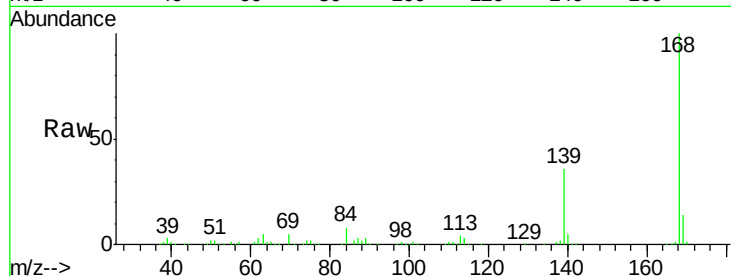
#54
Dibenzofuran
Concen: 23.12 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleID :
PB80327BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	353599		
139	36.2		33.0	49.4
169	13.8		10.8	16.2

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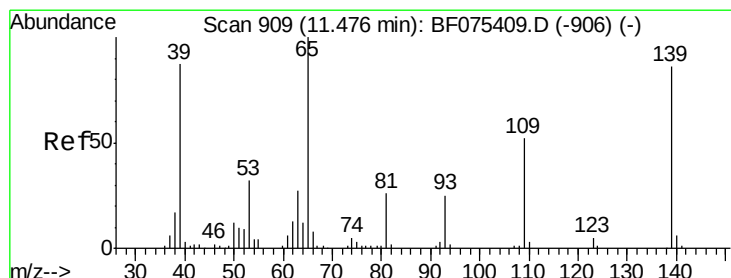
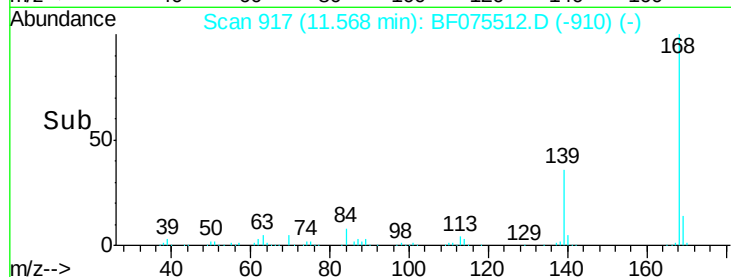
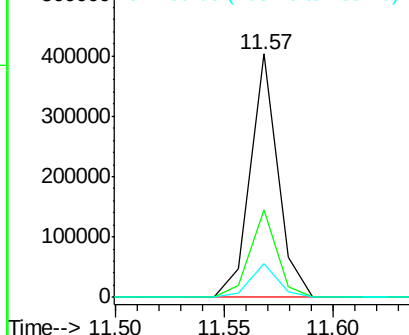


Abundance

Ion 168.00 (167.70 to 168.70): E

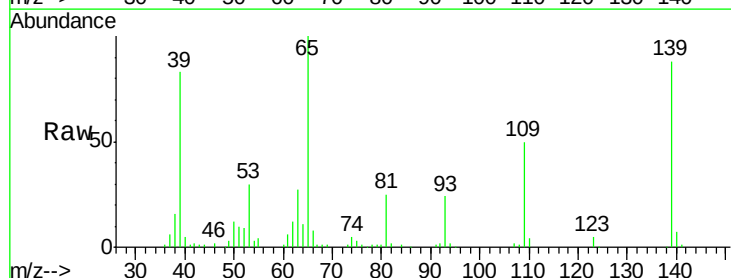
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55
4-Nitrophenol
Concen: 46.07 ng
RT: 11.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	119208		
109	56.6		45.8	85.8
65	113.3		94.8	134.8

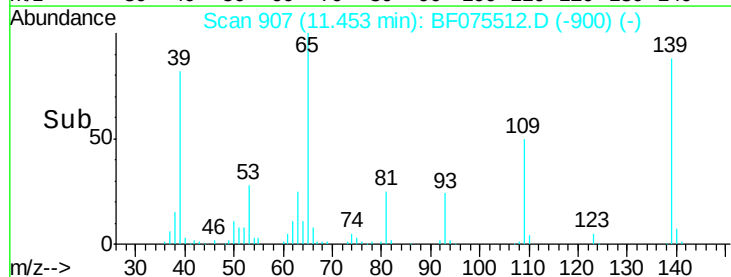
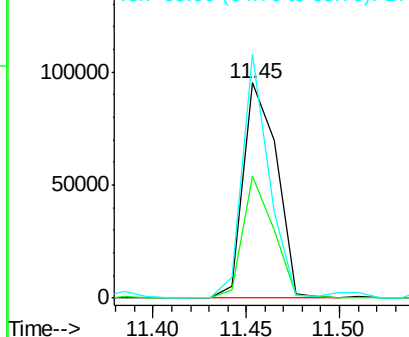


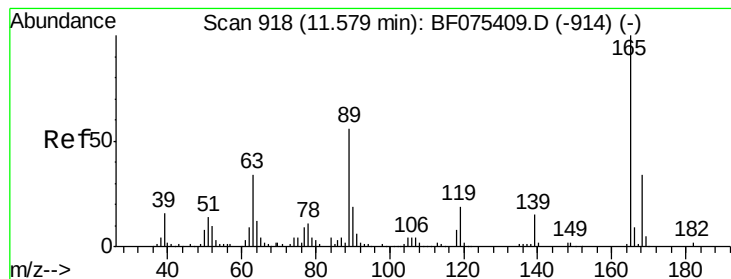
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





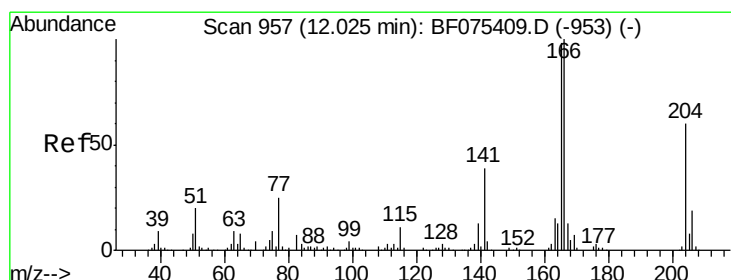
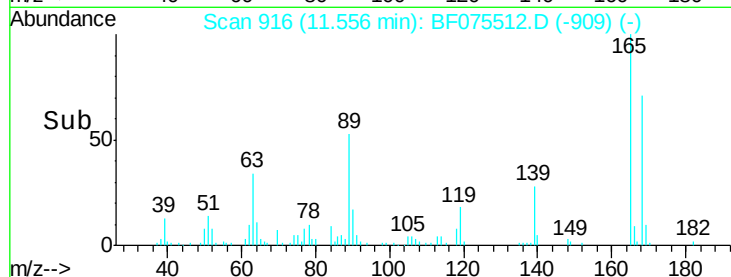
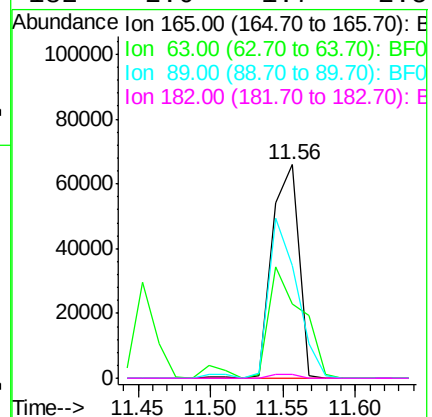
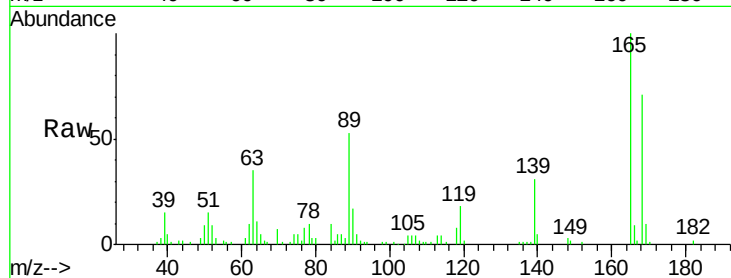
#56
 2,4-Dinitrotoluene
 Concen: 23.25 ng
 RT: 11.56 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB80327BS

Tot Ion:	165	Resp:	83860
Ion Ratio	Lower	Upper	
165	100		
63	34.7	27.0	40.6
89	53.0	47.8	71.6
182	2.0	1.7	2.5

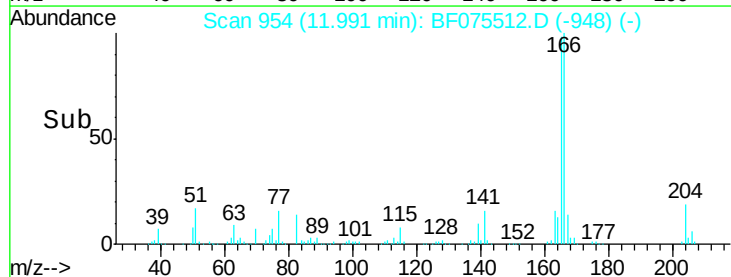
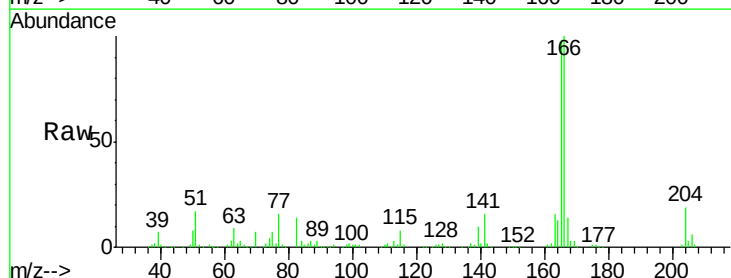
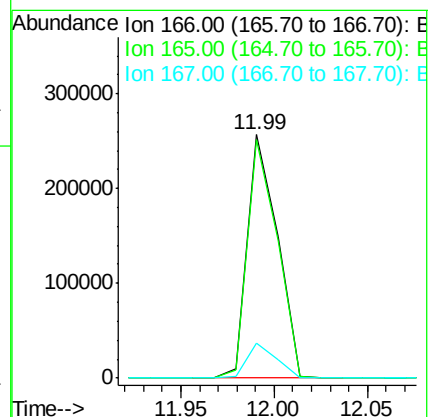
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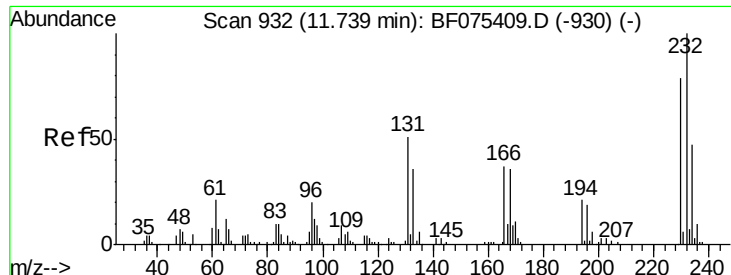
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#57
 Fluorene
 Concen: 23.14 ng
 RT: 11.99 min Scan# 954
 Delta R.T. -0.03 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Tgt Ion:	166	Resp:	286168
Ion Ratio	Lower	Upper	
166	100		
165	98.2	78.8	118.2
167	14.1	10.6	15.8





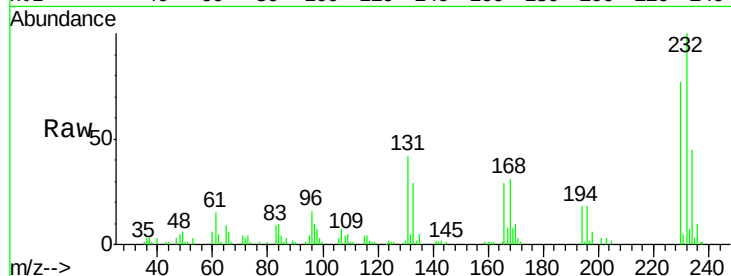
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.27 ng
 RT: 11.72 min Scan# 930
 Delta R.T. -0.02 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB80327BS

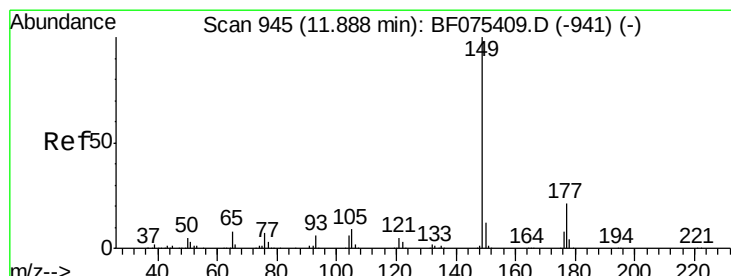
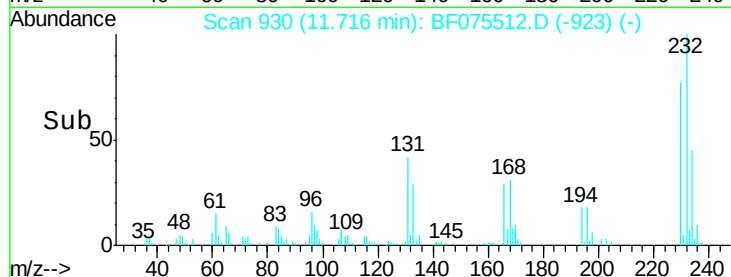
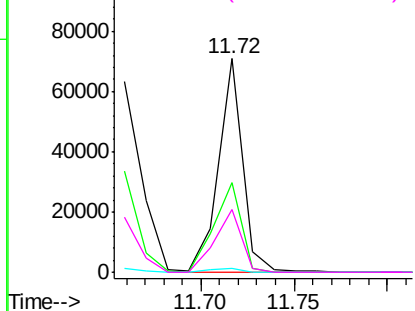
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	44.6	67.0
130	2.2	2.5	3.7#
166	32.4	29.3	43.9

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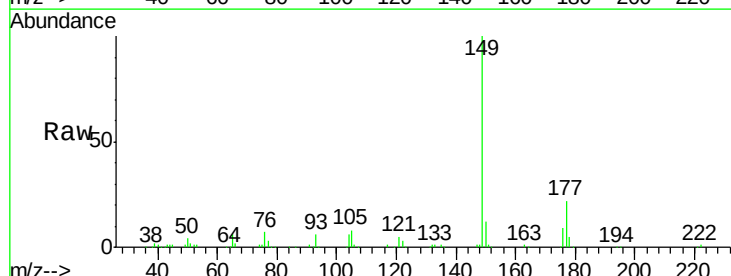


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

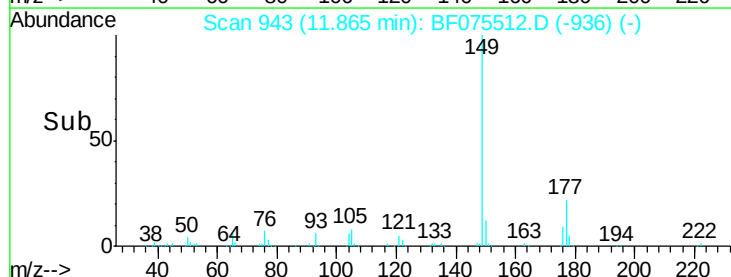
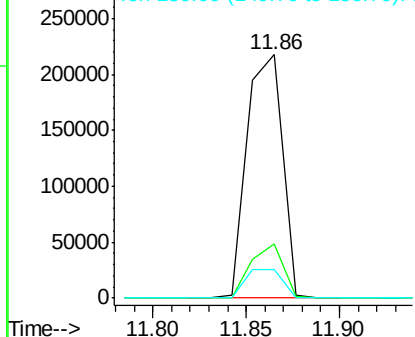


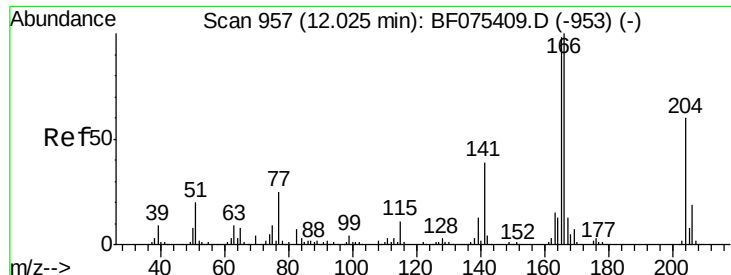
#59
 Diethylphthalate
 Concen: 19.83 ng
 RT: 11.86 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	15.8	23.8
150	11.6	9.9	14.9



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





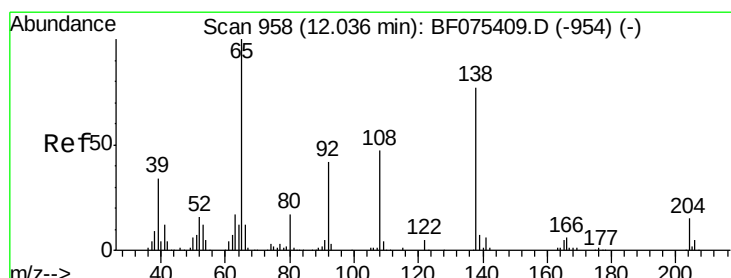
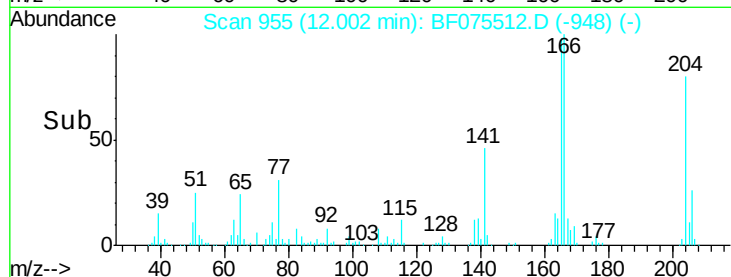
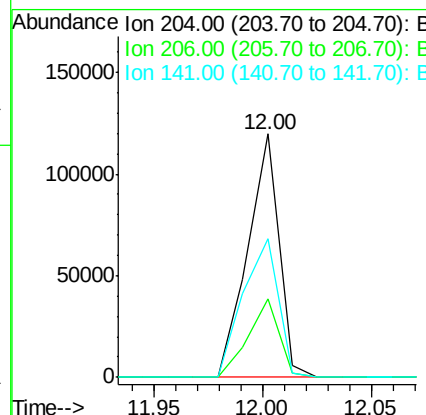
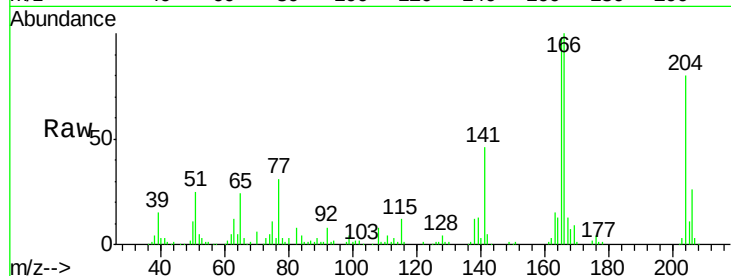
#60
4-Chlorophenyl-phenylether
Concen: 22.39 ng
RT: 12.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	119070		
206	32.4	25.1	37.7	
141	57.1	58.6	87.8	

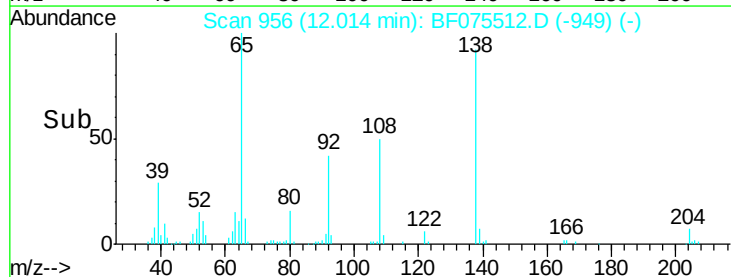
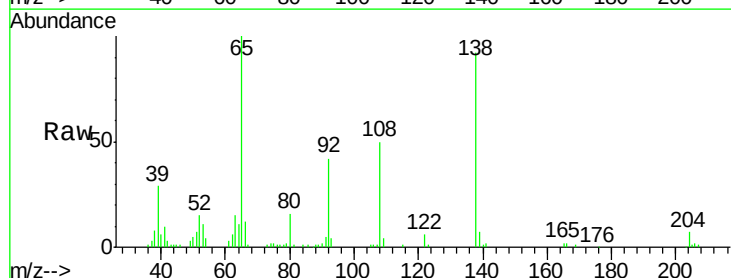
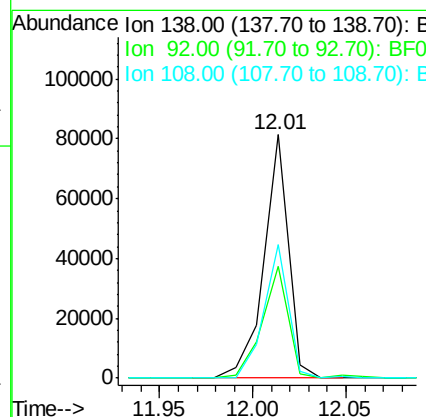
Manual Integrations
APPROVED

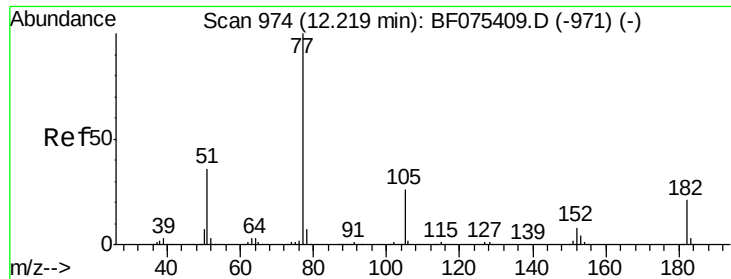
mohammad
11/17/2014 7:34:41 PM



#61
4-Nitroaniline
Concen: 22.78 ng
RT: 12.01 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	73696		
92	46.1	34.8	74.8	
108	54.7	50.6	90.6	





#62

Azobenzene

Concen: 22.72 ng

RT: 12.20 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

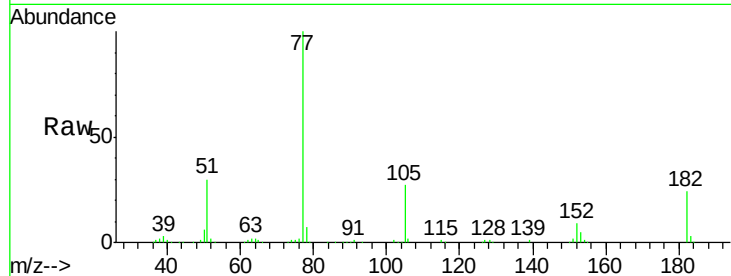
ClientSampleId :

PB80327BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.8	0.0	37.1		
105	26.7	3.7	43.7		
51	30.5	18.7	58.7		

Manual Integrations
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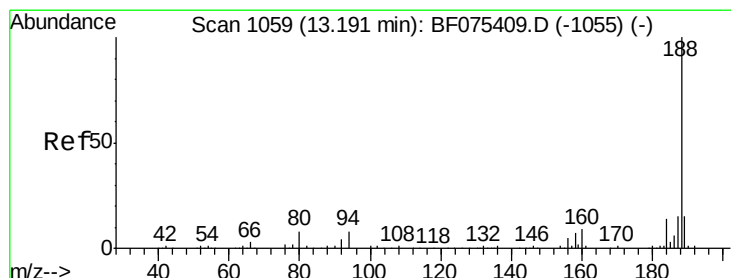
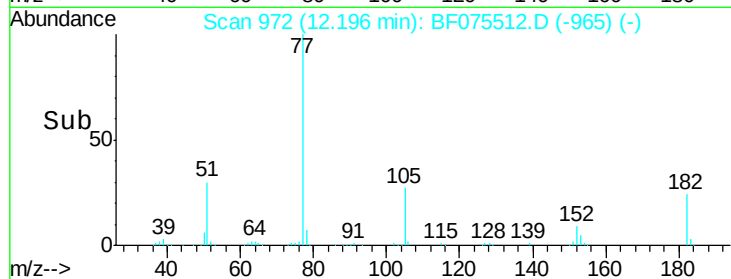
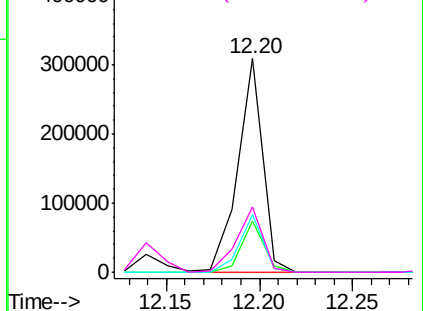


Abundance Ion 77.00 (76.70 to 77.70): BF075409.D (-971) (-)

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

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

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



#63

Phenanthrene-d10

Concen: 20.00 ng

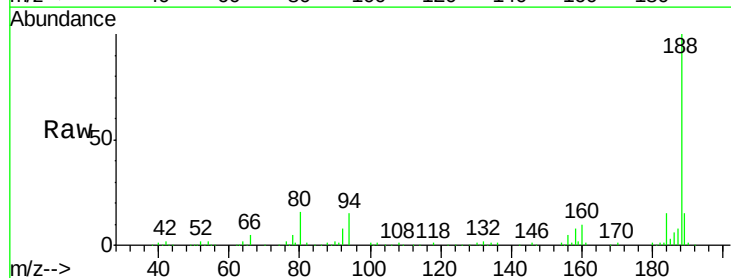
RT: 13.16 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

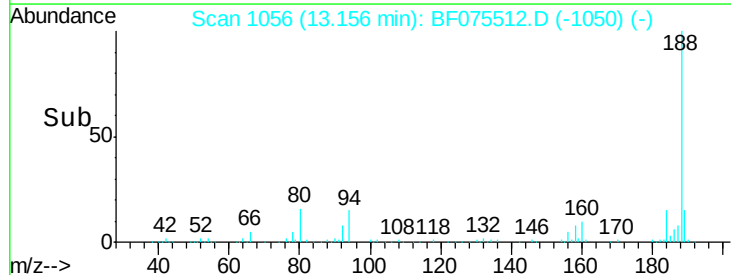
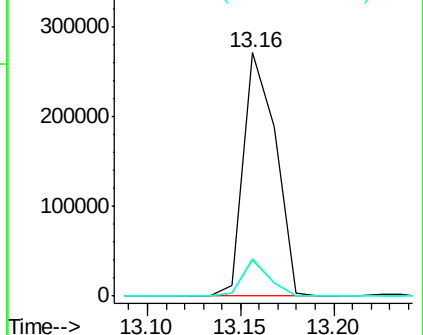
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	14.8	7.8	11.6#		
80	15.6	8.0	12.0#		

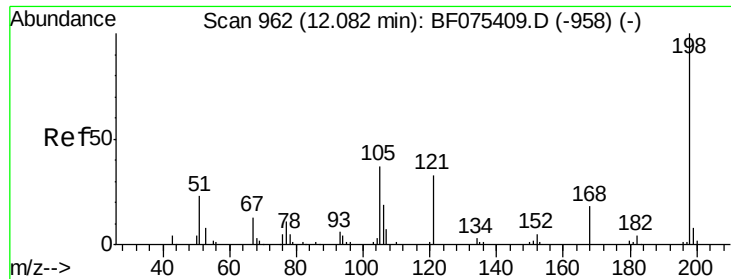


Abundance Ion 188.00 (187.70 to 188.70): BF075409.D (-1055) (-)

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

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





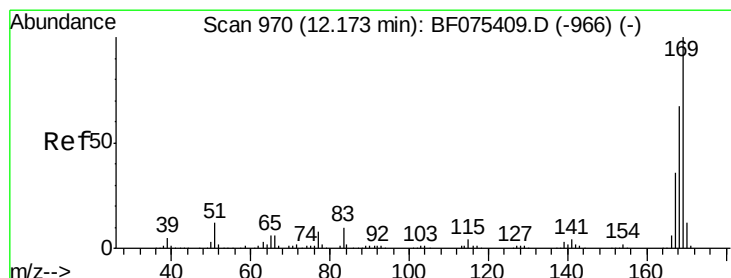
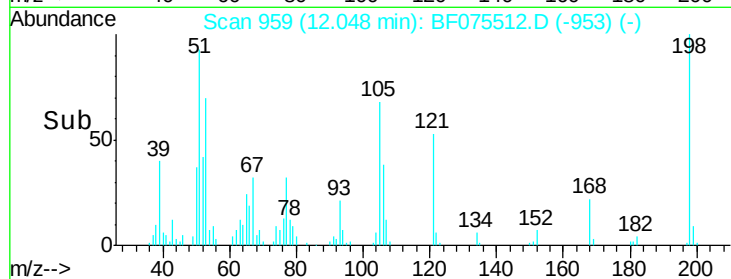
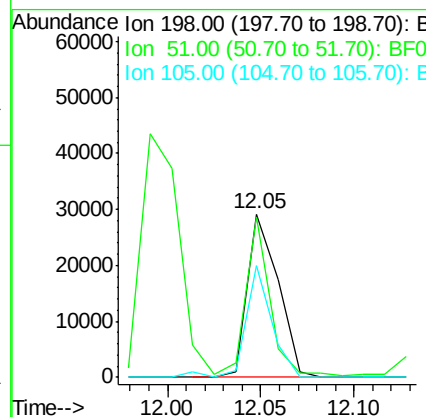
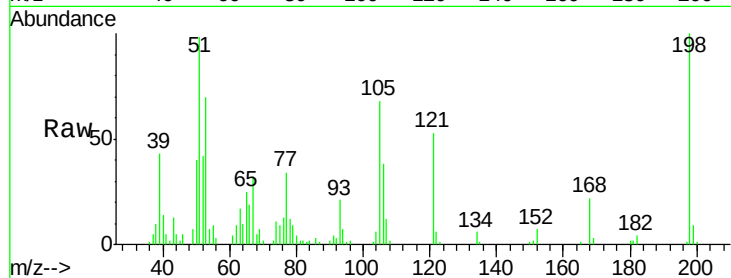
#64
 4,6-Dinitro-2-methylphenol
 Concen: 20.16 ng
 RT: 12.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB80327BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	33301		
51	98.2	26.0	66.0#	
105	68.4	24.2	64.2#	

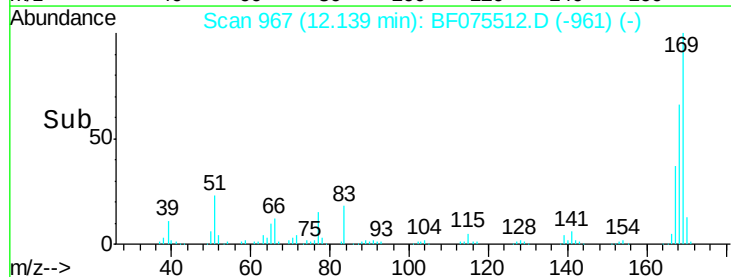
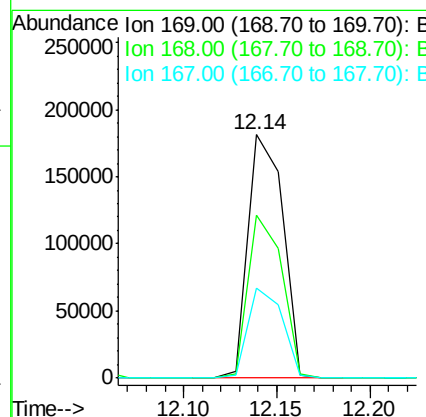
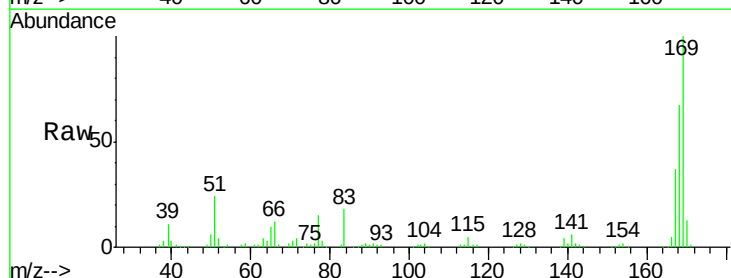
Manual Integrations
 APPROVED

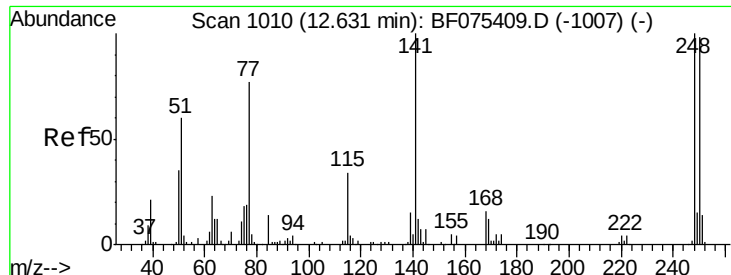
mohammad
 11/17/2014 7:34:41 PM



#65
 n-Nitrosodiphenylamine
 Concen: 22.71 ng
 RT: 12.14 min Scan# 967
 Delta R.T. -0.03 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	234668		
168	66.7	53.5	80.3	
167	37.0	29.8	44.6	





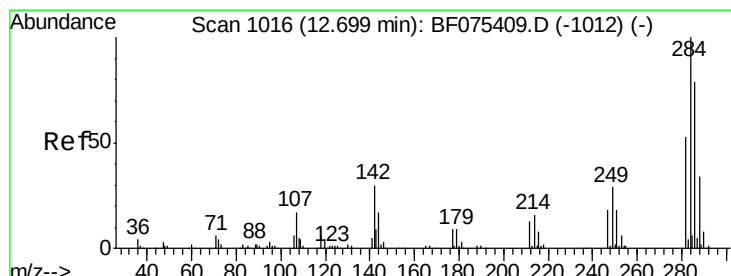
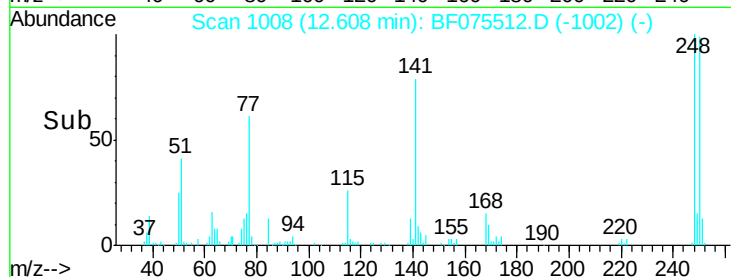
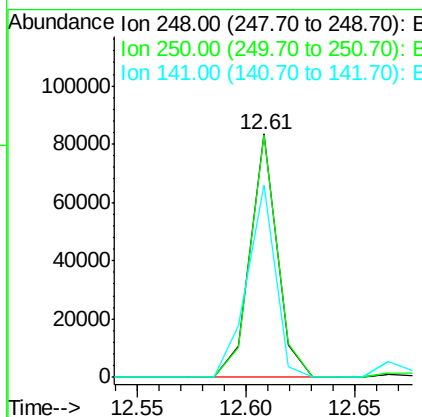
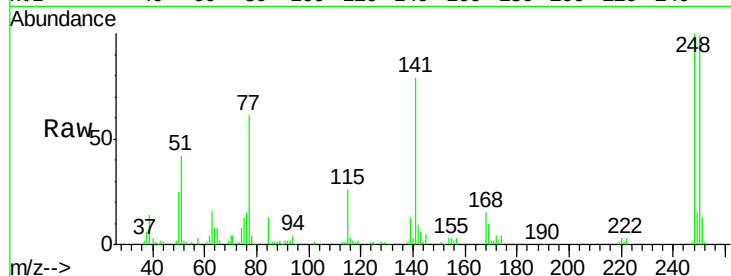
#66
4-Bromophenyl-phenylether
Concen: 23.44 ng
RT: 12.61 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampled :
PB80327BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.3	114.5
141	79.0	44.3	66.5

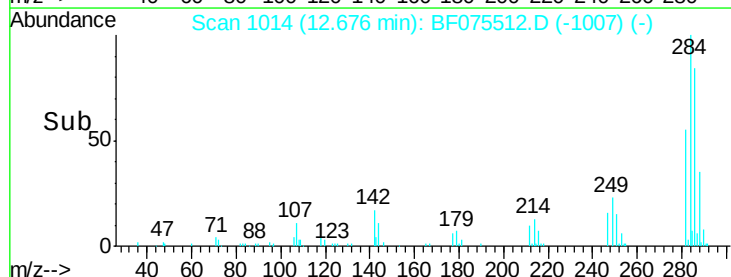
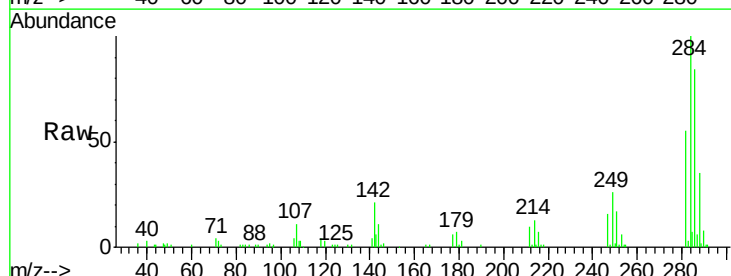
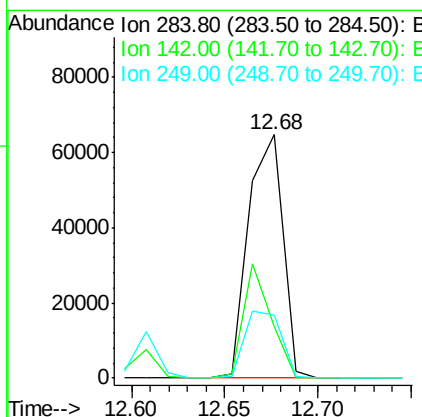
Manual Integrations
APPROVED

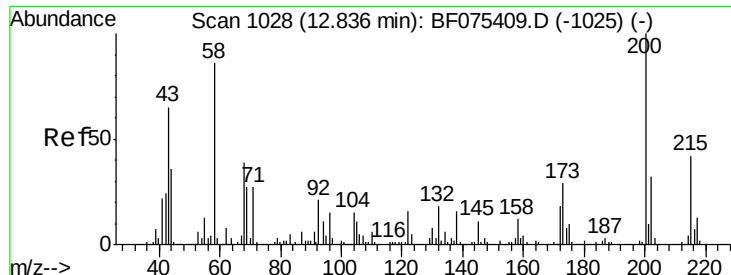
mohammad
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#67
Hexachlorobenzene
Concen: 23.56 ng
RT: 12.68 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	21.0	28.7	43.1
249	26.2	24.1	36.1





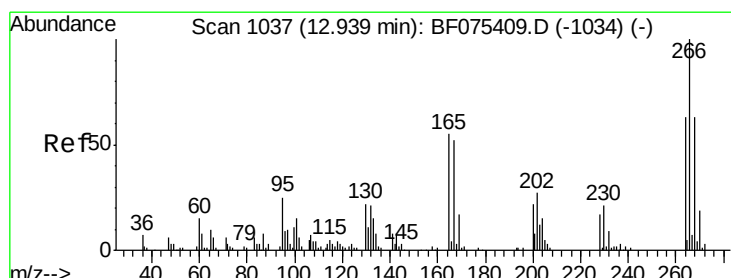
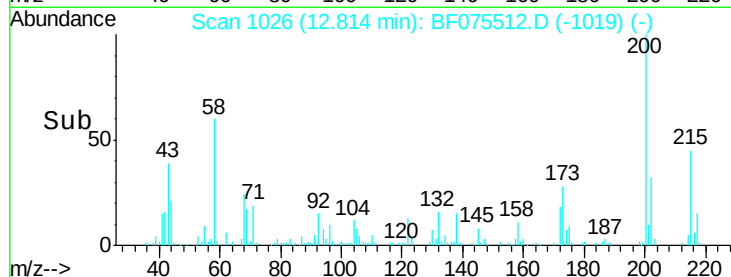
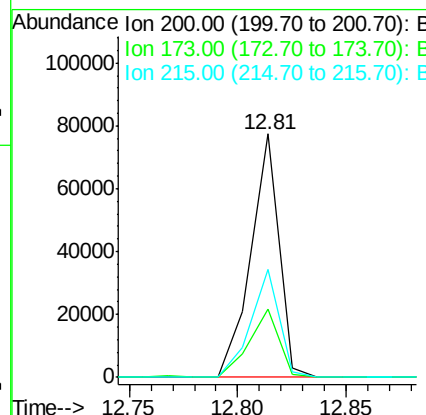
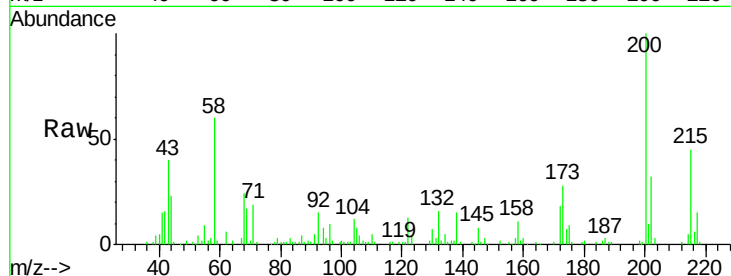
#68
Atrazine
Concen: 21.68 ng
RT: 12.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	12.3	52.3
215	44.6	23.8	63.8

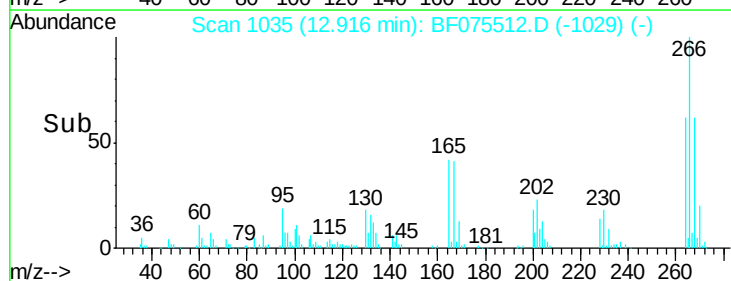
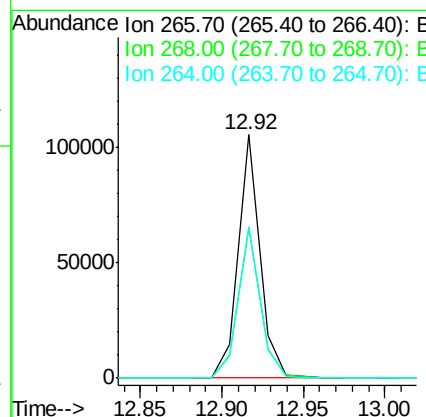
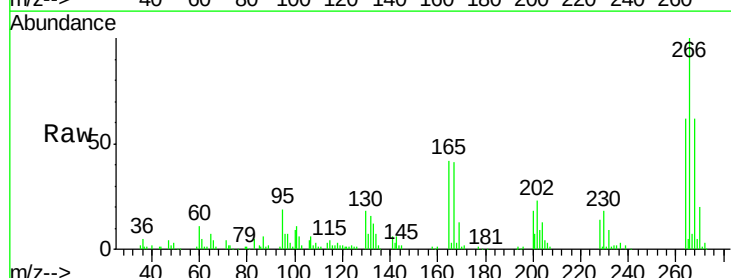
Manual Integrations
APPROVED

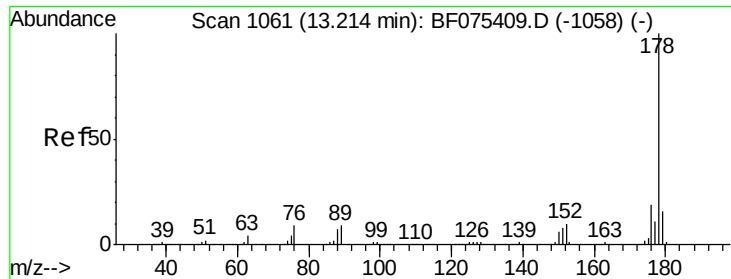
mohammad
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#69
Pentachlorophenol
Concen: 44.21 ng
RT: 12.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	48.6	73.0
264	62.3	52.1	78.1





#70

Phenanthrene

Concen: 25.06 ng

RT: 13.19 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

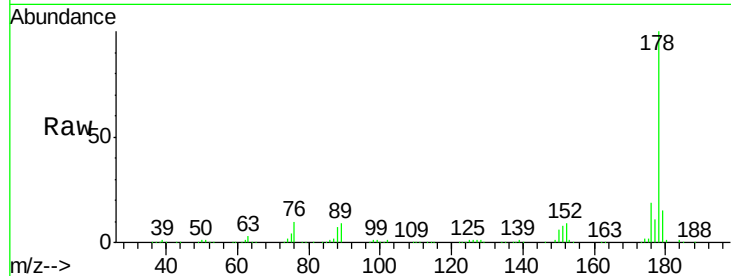
ClientSampleId :

PB80327BS

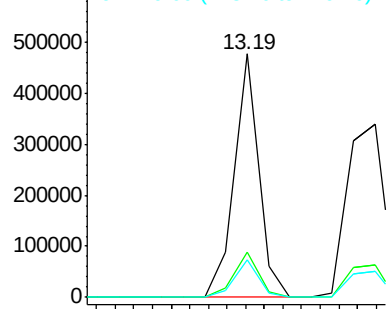
Tot Ion:	178	Resp:	430891
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.3	22.9
179	15.3	12.2	18.4

Manual Integrations
APPROVED

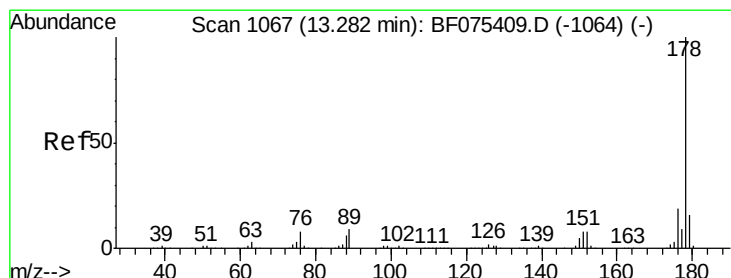
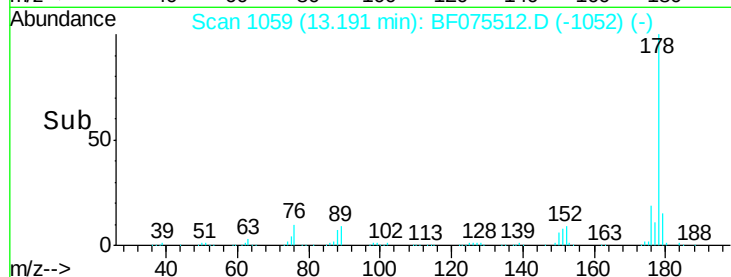
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 25.65 ng

RT: 13.26 min Scan# 1065

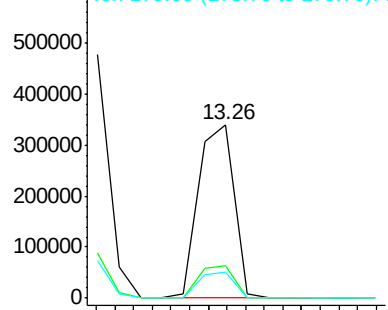
Delta R.T. -0.02 min

Lab File: BF075512.D

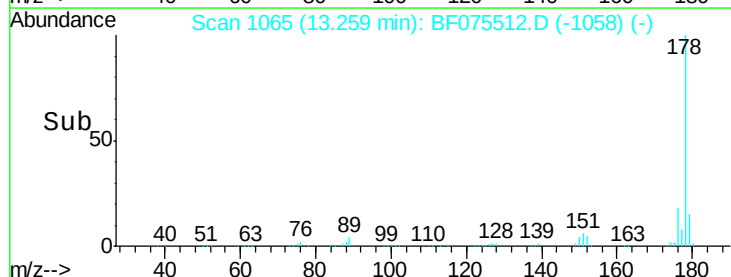
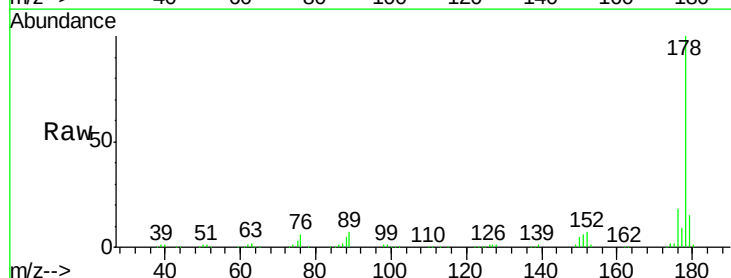
Acq: 14 Nov 2014 23:52

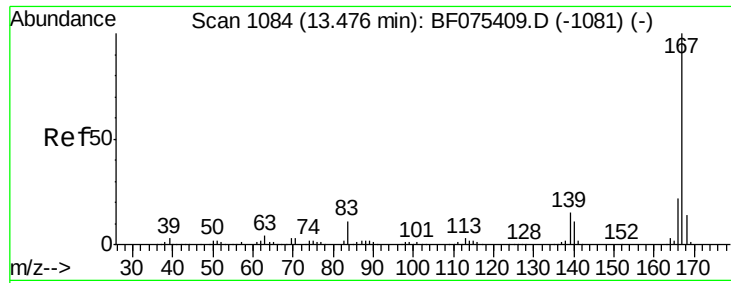
Tgt Ion:	178	Resp:	455800
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.1	22.7
179	15.1	12.2	18.2

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



Time-->





#72

Carbazole

Concen: 23.72 ng

RT: 13.45 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

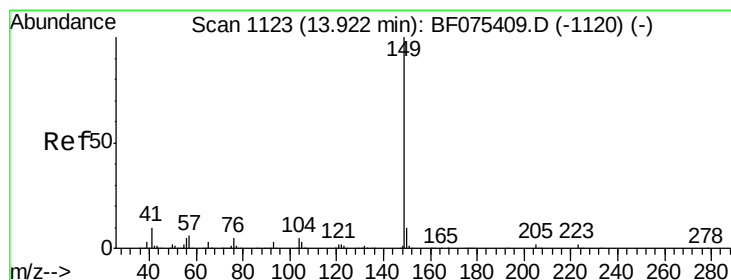
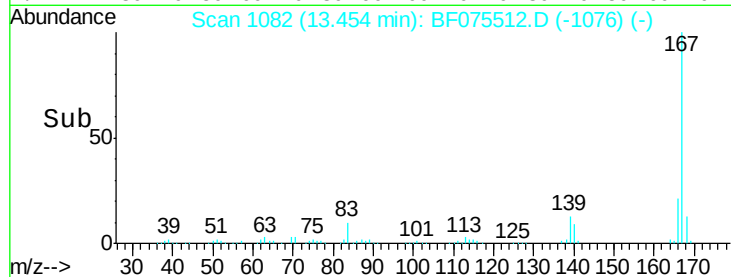
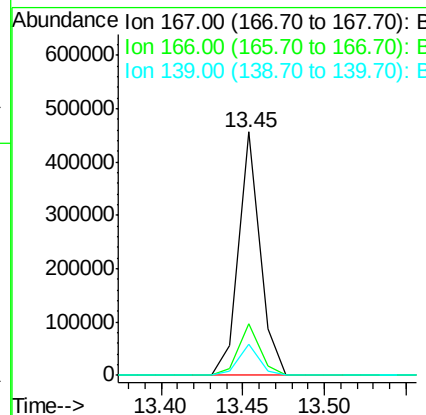
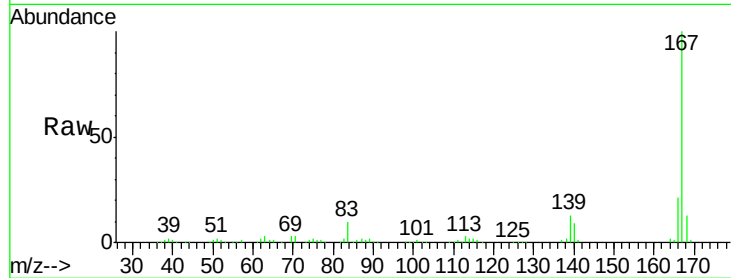
ClientSampleId :

PB80327BS

Tot Ion:	167	Resp:	412480
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.4	26.0
139	12.6	10.1	15.1

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 19.99 ng

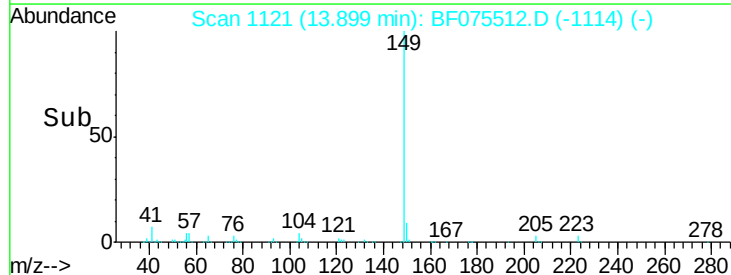
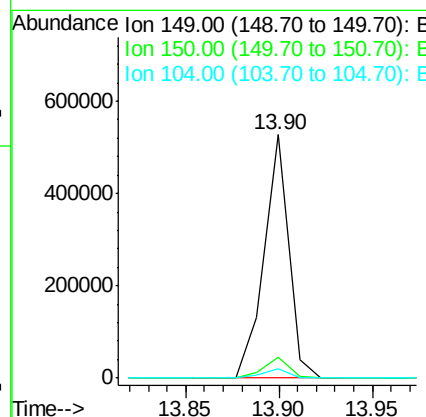
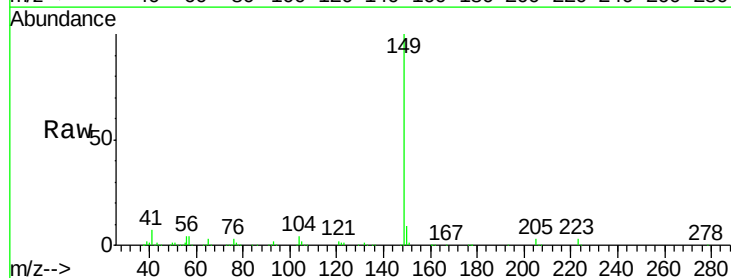
RT: 13.90 min Scan# 1121

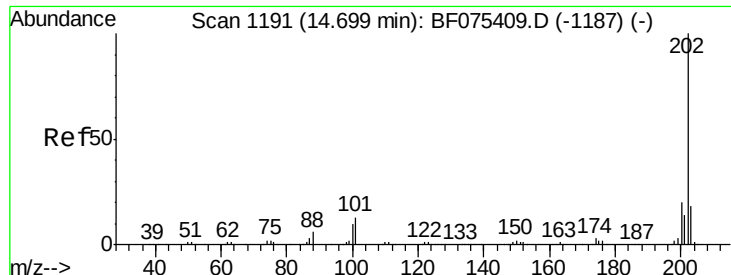
Delta R.T. -0.02 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion:	149	Resp:	480013
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.3	10.9
104	4.1	3.1	4.7





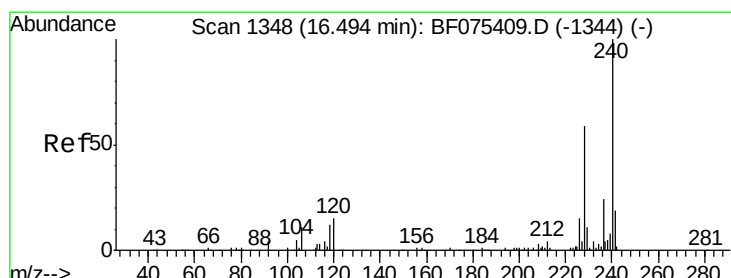
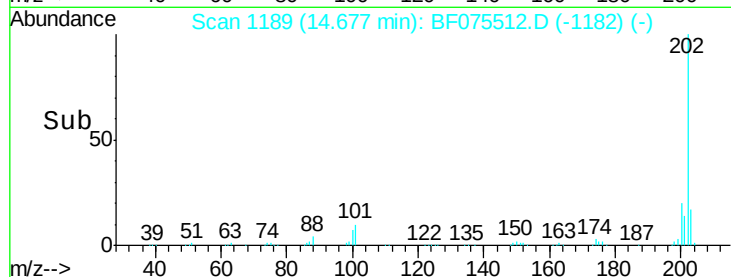
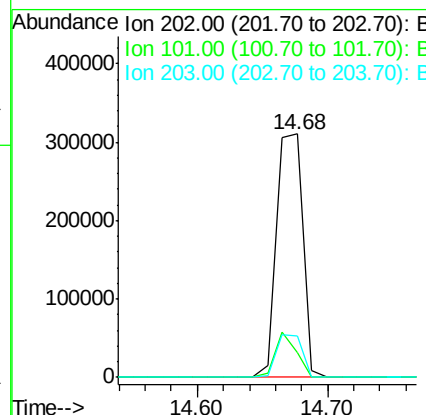
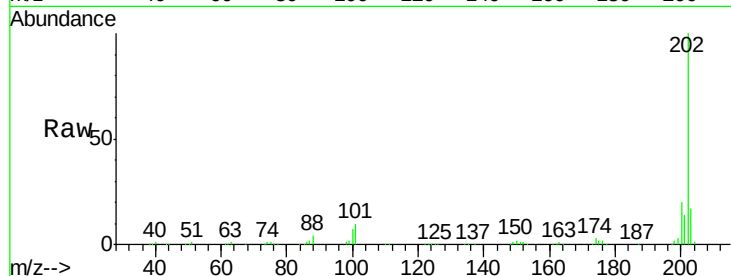
#74
 Fluoranthene
 Concen: 23.91 ng
 RT: 14.68 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB80327BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	36.6
203	17.0	0.0	38.2

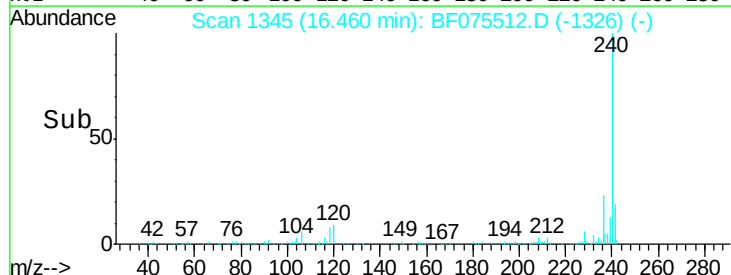
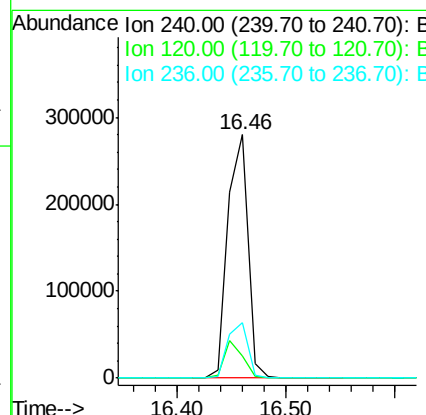
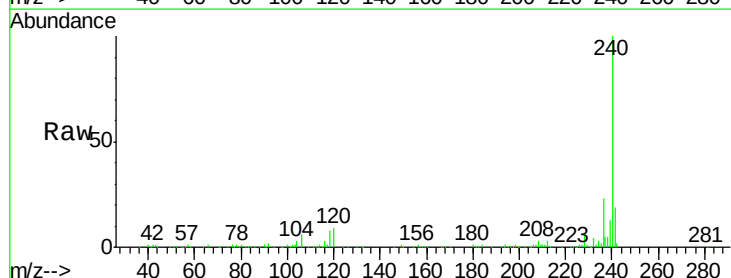
Manual Integrations
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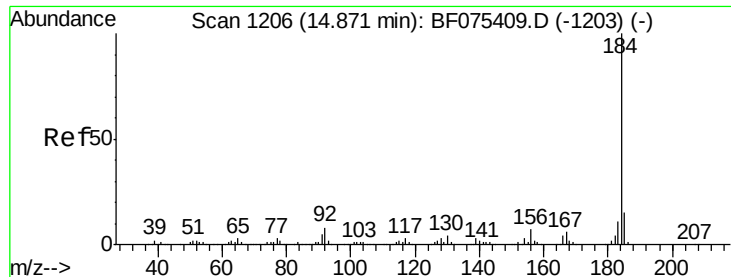
mohammad
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.46 min Scan# 1345
 Delta R.T. -0.08 min
 Lab File: BF075512.D
 Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.2	9.6	14.4#
236	22.7	18.9	28.3





#76

Benzidine

Concen: 20.46 ng m

RT: 14.84 min Scan# 1203

Delta R.T. -0.03 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

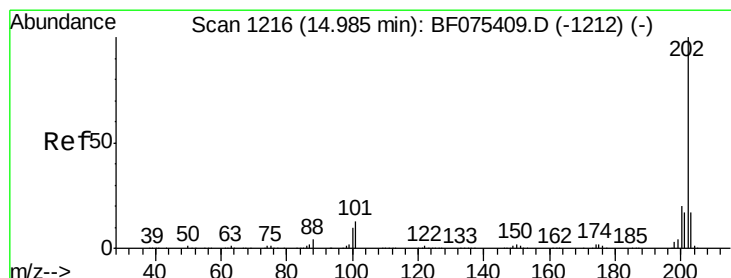
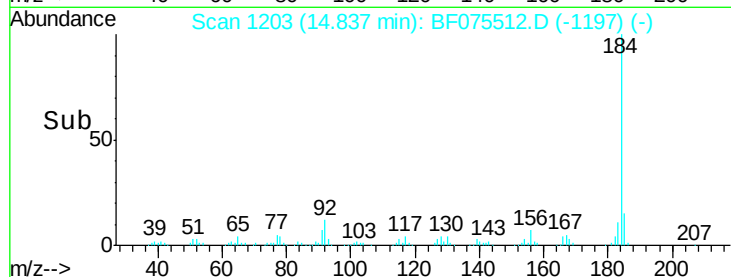
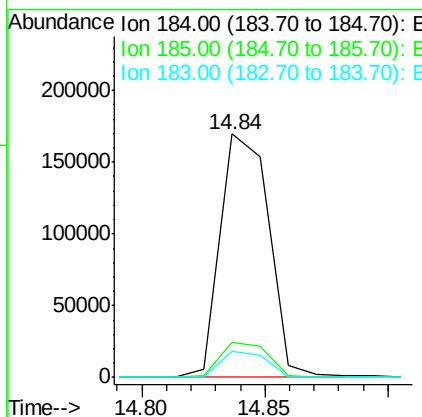
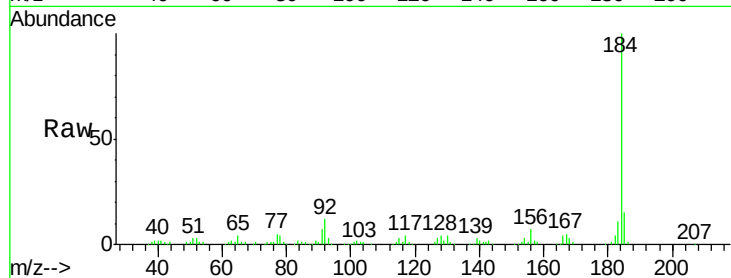
ClientSampleId :

PB80327BS

Tot Ion:	184	Resp:	233805
Ion Ratio	Lower	Upper	
184	100		
185	14.6	10.9	16.3
183	10.7	8.7	13.1

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#77

Pyrene

Concen: 22.27 ng m

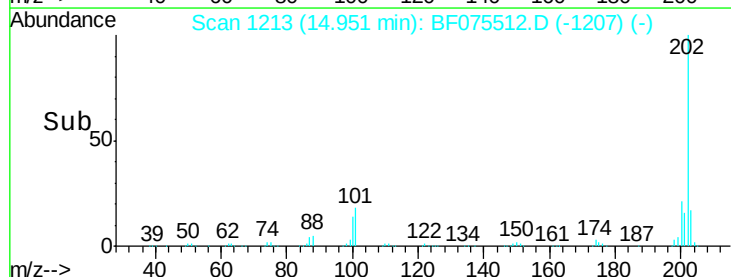
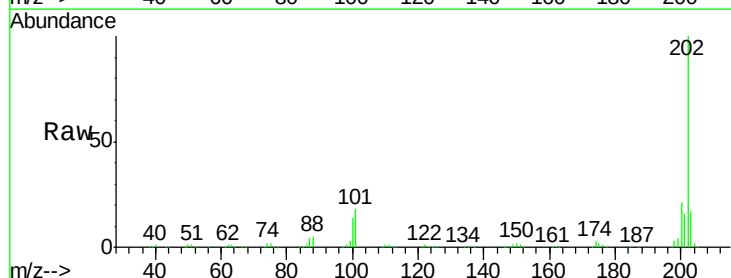
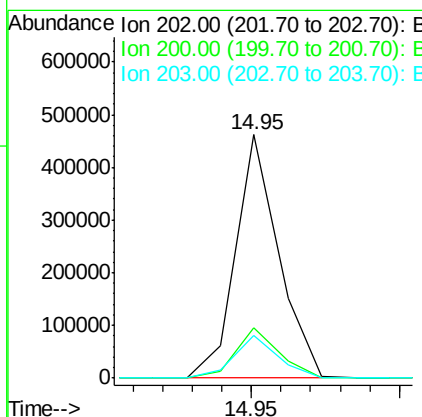
RT: 14.95 min Scan# 1213

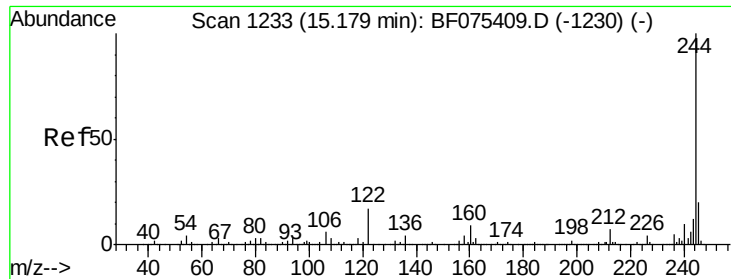
Delta R.T. -0.03 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion:	202	Resp:	465333
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	17.5	14.3	21.5





#78

Terphenyl-d14

Concen: 41.95 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

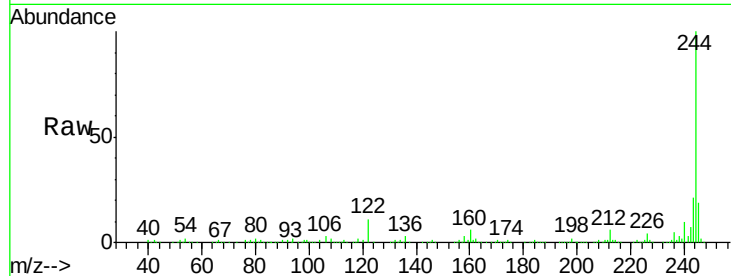
ClientSampleId :

PB80327BS

Tot Ion:	244	Resp:	560033
Ion Ratio	Lower	Upper	
244	100		
212	6.0	5.5	8.3
122	11.2	9.7	14.5

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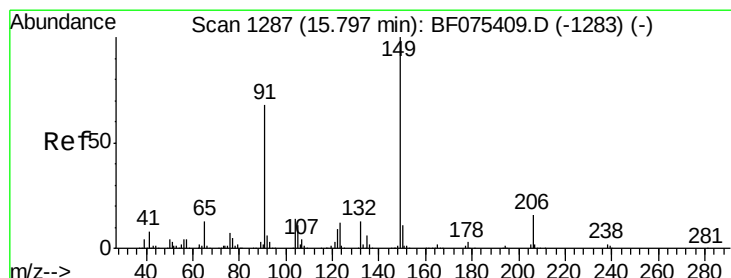
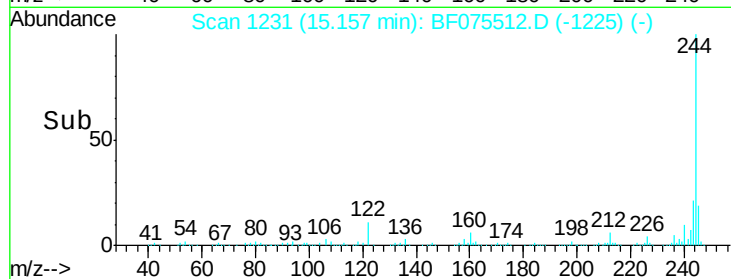
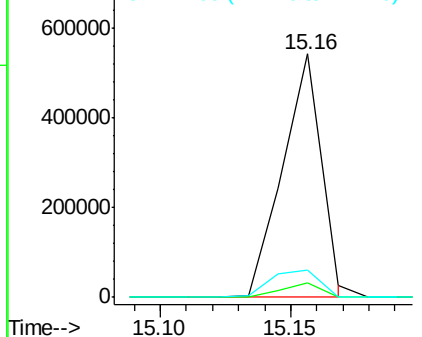
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 18.02 ng

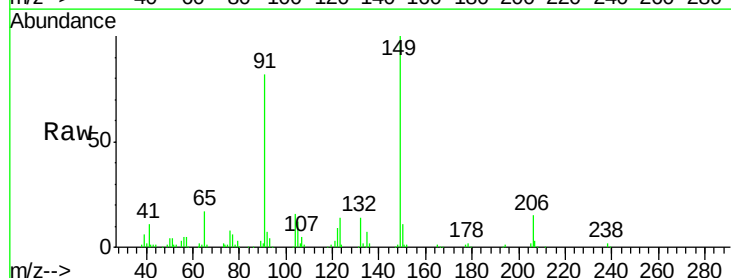
RT: 15.76 min Scan# 1284

Delta R.T. -0.06 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

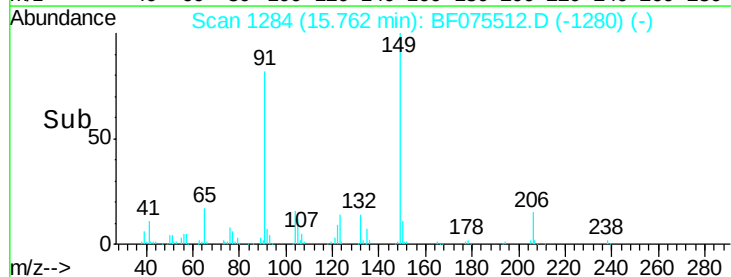
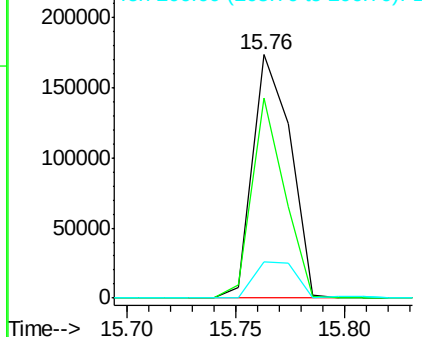
Tgt Ion:	149	Resp:	211408
Ion Ratio	Lower	Upper	
149	100		
91	81.9	49.0	73.4#
206	14.9	15.5	23.3#

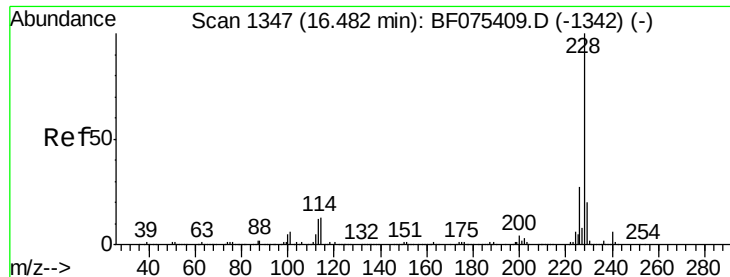


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





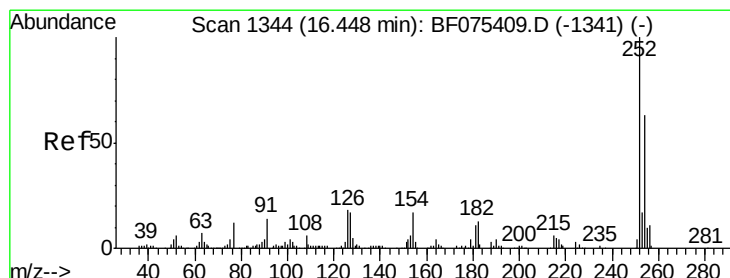
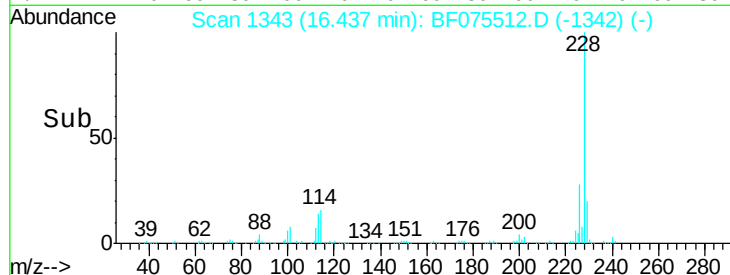
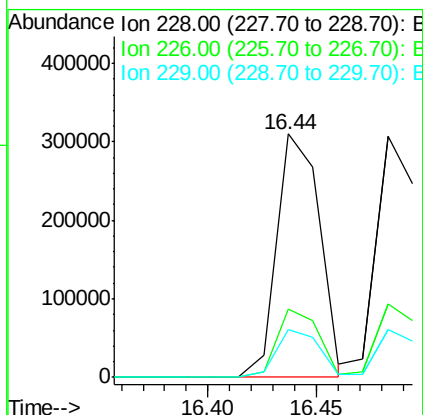
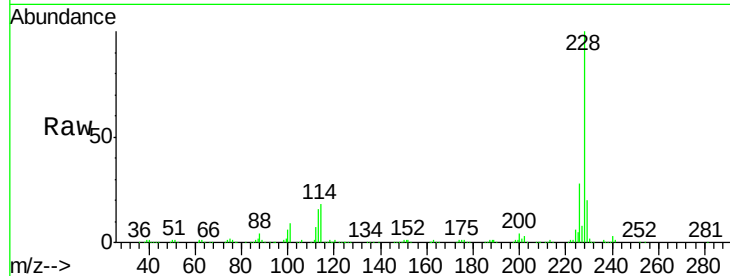
#80
Benzo(a)anthracene
Concen: 22.64 ng
RT: 16.44 min Scan# 1343
Delta R.T. -0.09 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	19.8	15.3	22.9

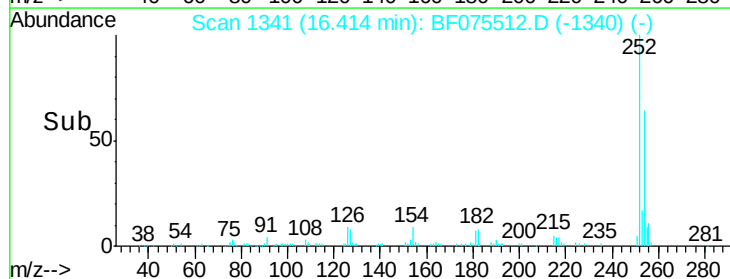
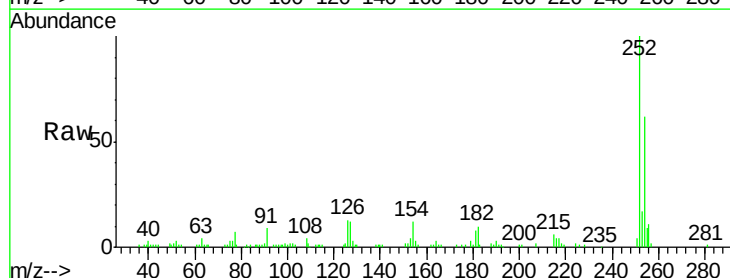
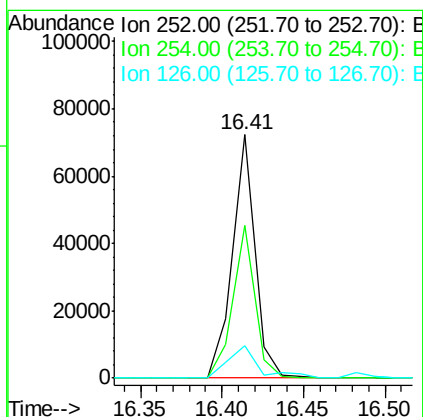
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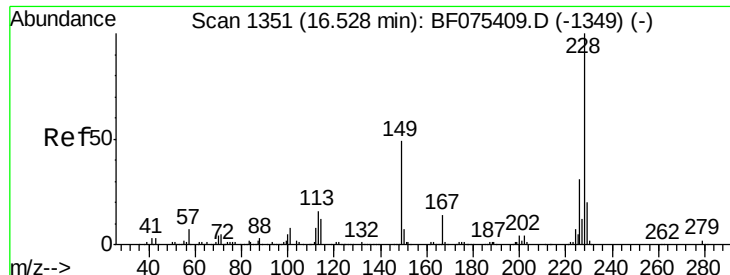
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#81
3,3'-Dichlorobenzidine
Concen: 9.91 ng
RT: 16.41 min Scan# 1341
Delta R.T. -0.09 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.0	75.0
126	13.1	16.0	24.0





#82

Chrysene

Concen: 24.62 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.09 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Instrument :

BNA_F

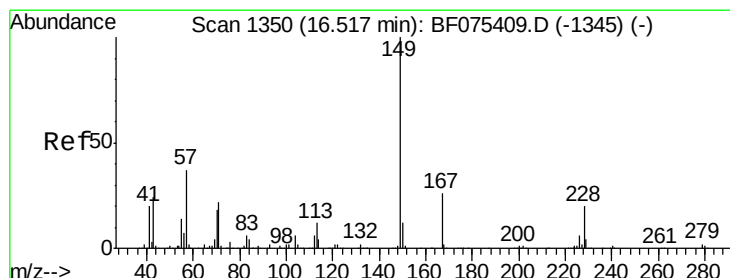
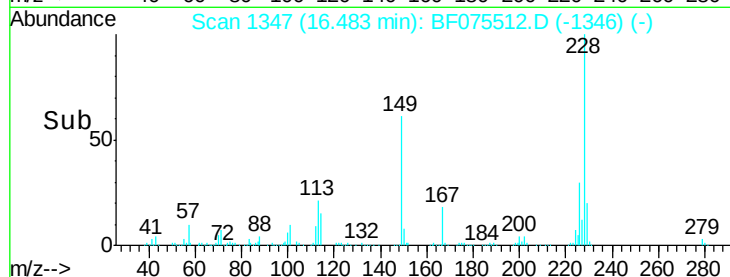
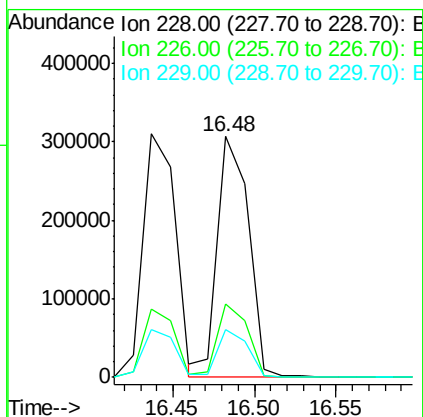
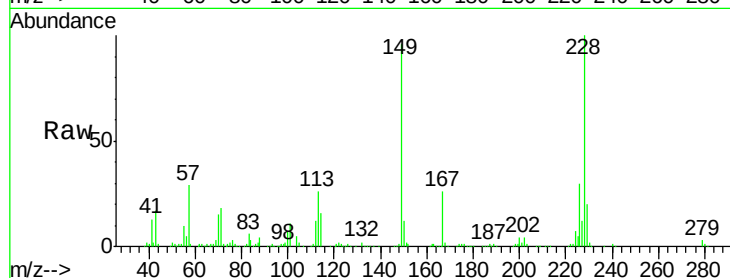
ClientSampleId :

PB80327BS

Tot Ion:	228	Resp:	402061
Ion Ratio		Lower	Upper
228	100		
226	30.3	23.8	35.6
229	19.8	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 16.78 ng

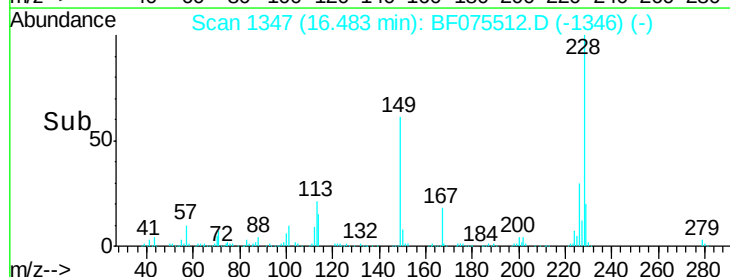
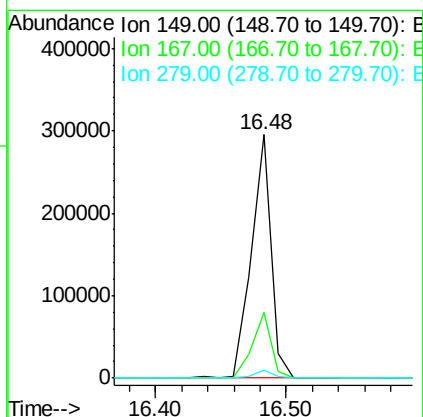
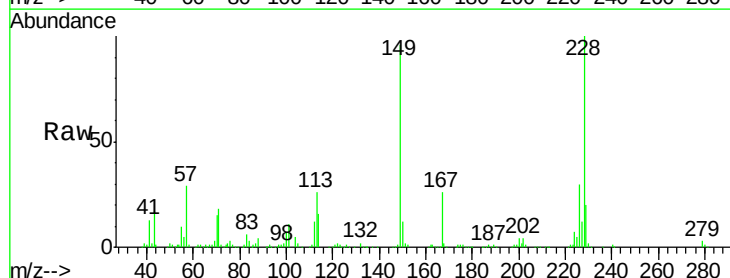
RT: 16.48 min Scan# 1347

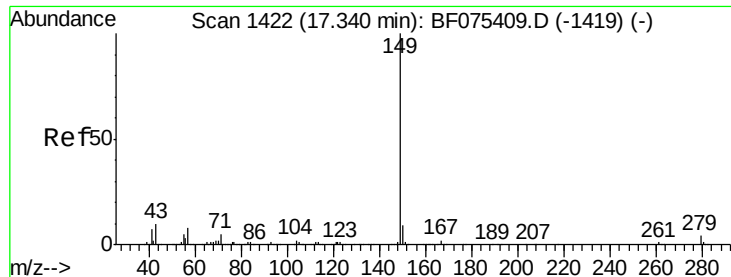
Delta R.T. -0.09 min

Lab File: BF075512.D

Acq: 14 Nov 2014 23:52

Tgt Ion:	149	Resp:	310202
Ion Ratio		Lower	Upper
149	100		
167	26.9	21.4	32.2
279	3.3	2.8	4.2





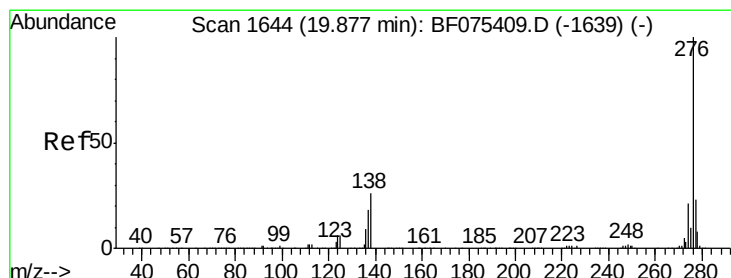
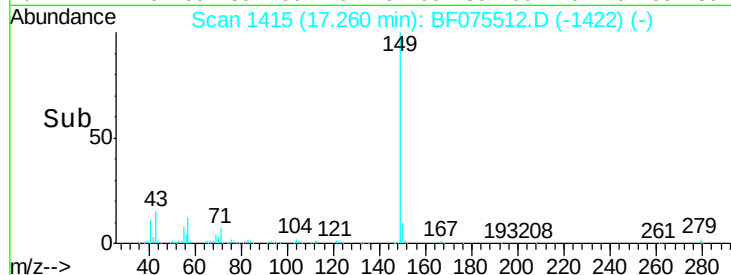
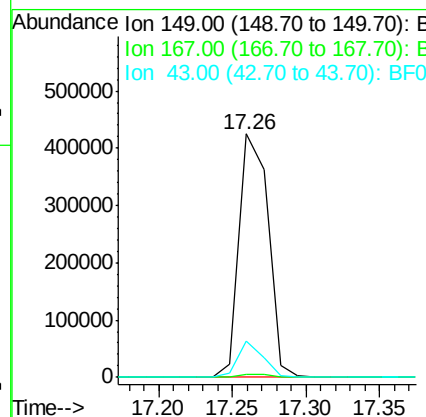
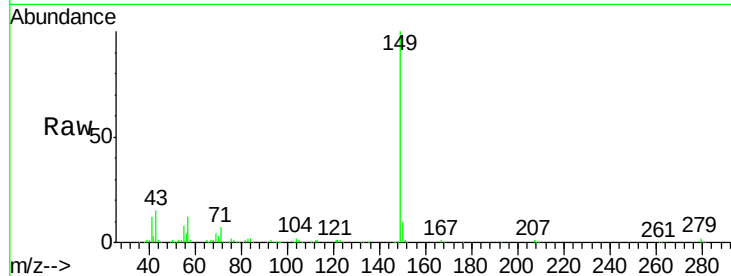
#84
Di-n-octyl phthalate
Concen: 17.64 ng m
RT: 17.26 min Scan# 1415
Delta R.T. -0.18 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

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

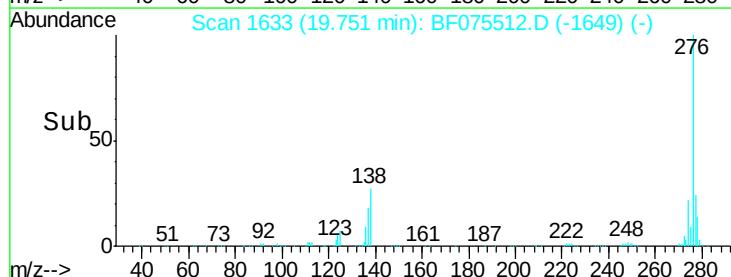
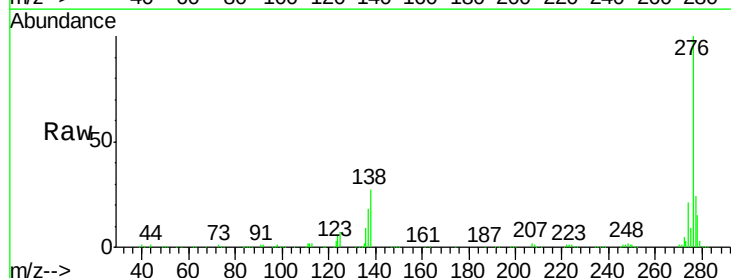
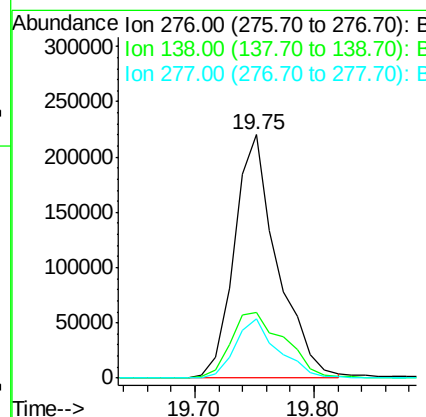
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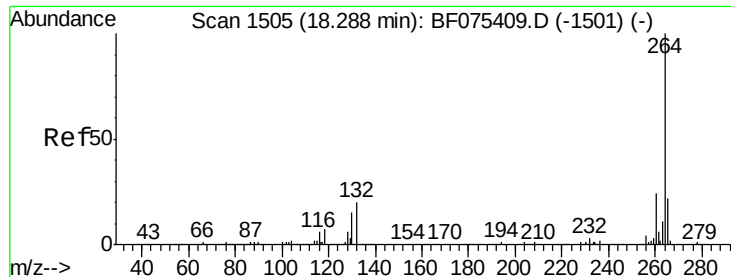
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#85
Indeno(1,2,3-cd)pyrene
Concen: 27.99 ng m
RT: 19.75 min Scan# 1633
Delta R.T. -0.29 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

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





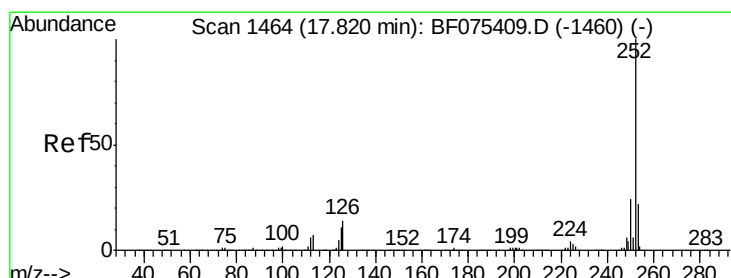
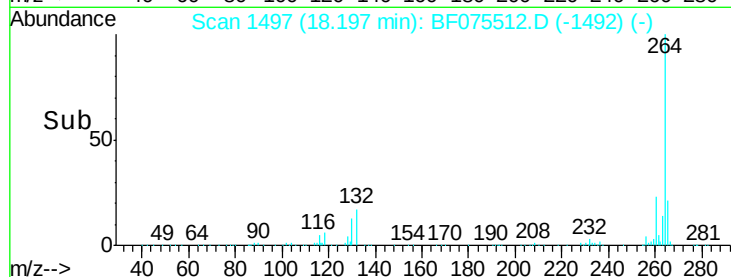
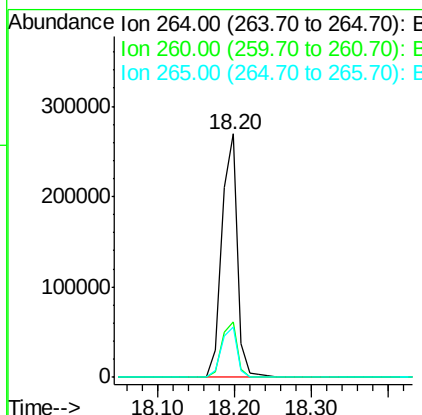
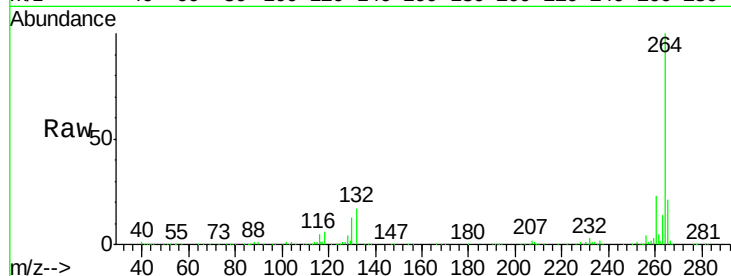
#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.20 min Scan# 1497
Delta R.T. -0.24 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	20.9	16.3	24.5

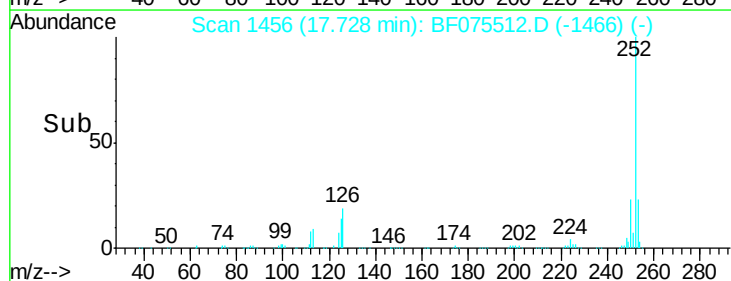
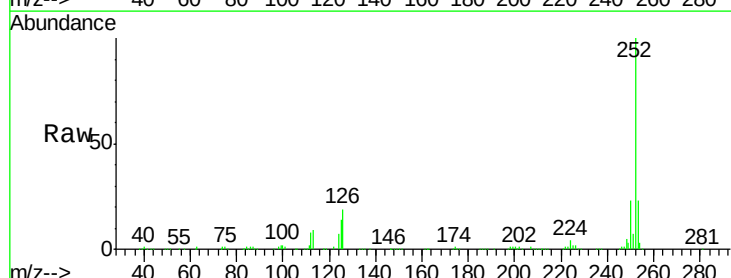
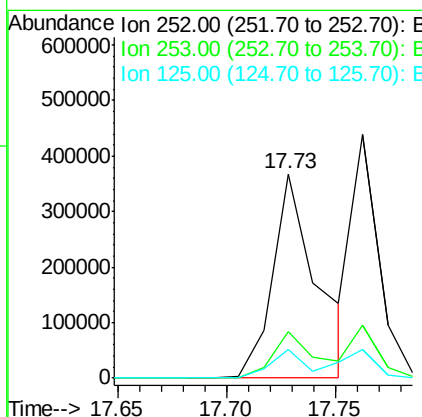
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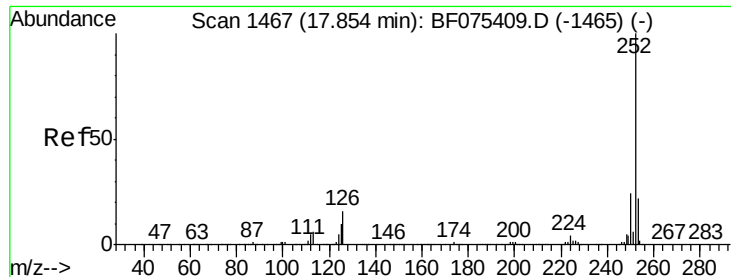
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#87
Benzo(b)fluoranthene
Concen: 25.42 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.22 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	14.1	11.8	17.6





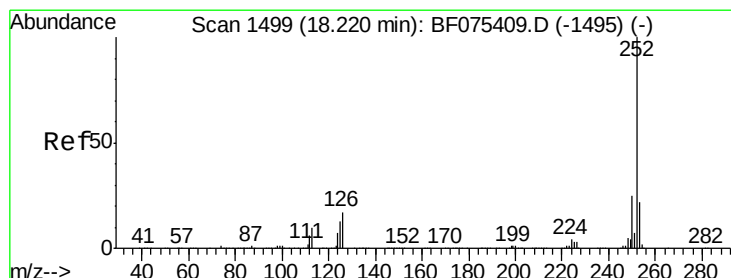
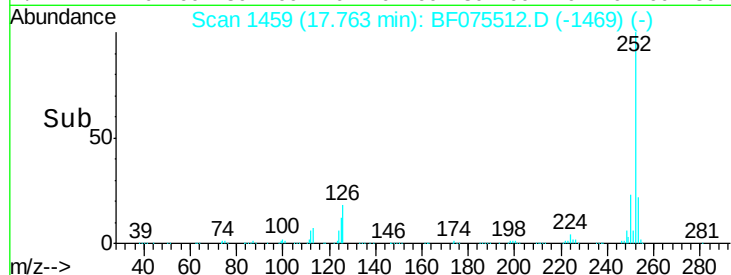
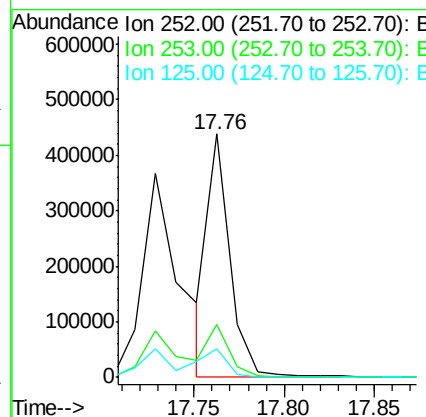
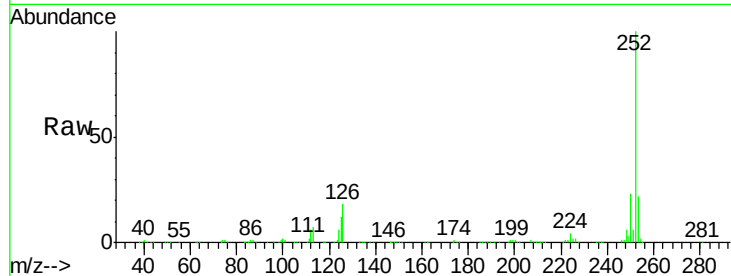
#88
Benzo(k)fluoranthene
Concen: 20.69 ng m
RT: 17.76 min Scan# 1459
Delta R.T. -0.22 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	11.6	11.6	17.4

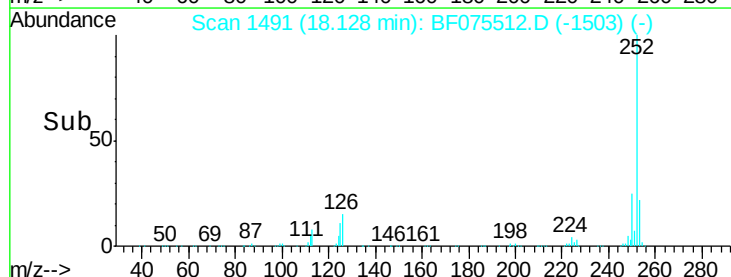
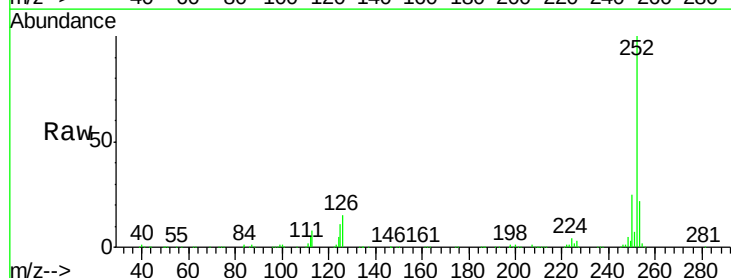
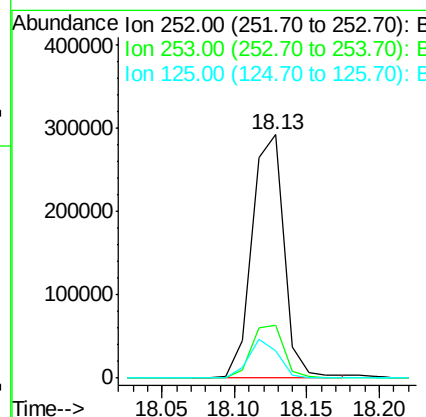
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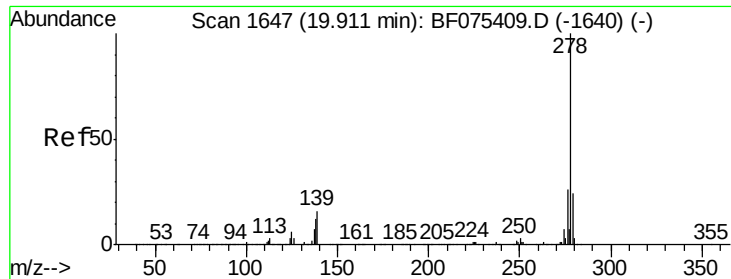
mohammad
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#89
Benzo(a)pyrene
Concen: 24.36 ng
RT: 18.13 min Scan# 1491
Delta R.T. -0.24 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.0	12.2	18.4#





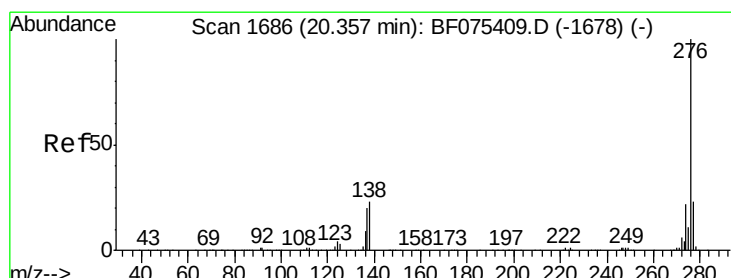
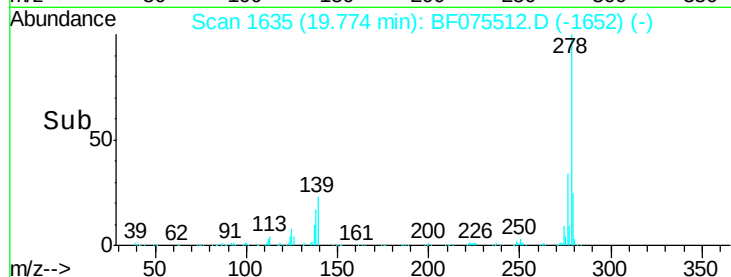
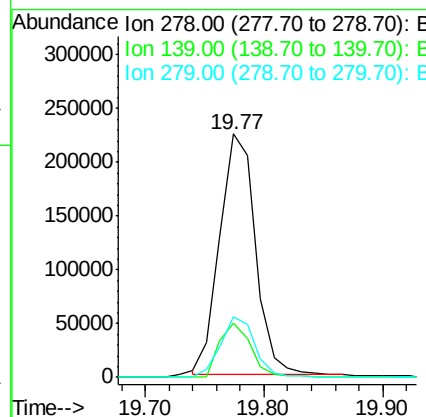
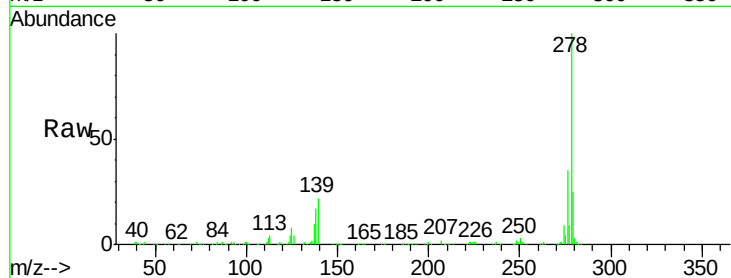
#90
Dibenzo(a,h)anthracene
Concen: 24.41 ng
RT: 19.77 min Scan# 1635
Delta R.T. -0.30 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.5	13.6	20.4#
279	24.7	19.4	29.0

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#91
Benzo(g,h,i)perylene
Concen: 25.91 ng
RT: 20.22 min Scan# 1674
Delta R.T. -0.29 min
Lab File: BF075512.D
Acq: 14 Nov 2014 23:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.8	26.8
138	25.5	22.8	34.2

