

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080456.D
 Acq On : 14 Jul 2015 9:02
 Operator : TP/UM
 Sample : PB84467BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Manual Integrations
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 7/15/2015 8:28:12 AM

Quant Time: Jul 14 12:05:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	12161	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	53330	20.00	ng	-0.01
38) Acenaphthene-d10	10.18	164	28372	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	53314	20.00	ng	-0.02
75) Chrysene-d12	14.49	240	71098	20.00	ng	-0.05
86) Perylene-d12	16.21	264	83884	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.77	112	84097	118.50	ng	-0.02
7) Phenol-d6	6.77	99	103153	109.10	ng	-0.02
23) Nitrobenzene-d5	7.70	82	65919	70.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.97	330	26177	94.53	ng	-0.02
44) 2-Fluorobiphenyl	9.49	172	147150	69.85	ng	-0.01
78) Terphenyl-d14	13.29	244	183722	56.12	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.89	88	8816	25.80	ng	# 58
3) Pyridine	3.89	79	21451	28.28	ng	97
4) n-Nitrosodimethylamine	3.71	42	15022	36.10	ng	# 99
6) Aniline	6.81	93	26060	22.10	ng	# 81
8) 2-Chlorophenol	6.93	128	27931	32.67	ng	93
9) Benzaldehyde	6.69	77	10401	19.89	ng	98
10) Phenol	6.80	94	38347	36.70	ng	87
11) bis(2-Chloroethyl)ether	6.86	93	26772	31.12	ng	91
12) 1,3-Dichlorobenzene	7.07	146	34243	35.42	ng	96
13) 1,4-Dichlorobenzene	7.15	146	36479	33.46	ng	99
14) 1,2-Dichlorobenzene	7.31	146	32763	31.72	ng	97
15) Benzyl Alcohol	7.29	79	23213	29.83	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.40	45	48580	39.16	ng	# 57
17) 2-Methylphenol	7.40	107	22147	29.80	ng	# 92
18) Hexachloroethane	7.65	117	10712	31.84	ng	95
19) n-Nitroso-di-n-propylamine	7.54	70	19457	30.07	ng	91
20) 3+4-Methylphenols	7.55	107	33941	36.35	ng	# 35
22) Acetophenone	7.54	105	42518	33.27	ng	98
24) Nitrobenzene	7.72	77	30454	29.44	ng	92
25) Isophorone	7.95	82	60565	36.14	ng	# 92
26) 2-Nitrophenol	8.04	139	13544	27.27	ng	96
27) 2,4-Dimethylphenol	8.08	122	28681	36.69	ng	96
28) bis(2-Chloroethoxy)methane	8.16	93	36933	36.42	ng	99
29) 2,4-Dichlorophenol	8.28	162	25269	35.02	ng	85
30) 1,2,4-Trichlorobenzene	8.36	180	27872	29.20	ng	99
31) Naphthalene	8.44	128	93859	32.18	ng	99
32) Benzoic acid	8.16	122	13066	23.78	ng	99
33) 4-Chloroaniline	8.50	127	22679	22.94	ng	96
34) Hexachlorobutadiene	8.56	225	16519	29.81	ng	98
35) Caprolactam	8.84	113	6233	30.20	ng	# 81
36) 4-Chloro-3-methylphenol	8.98	107	27769	36.34	ng	86
37) 2-Methylnaphthalene	9.13	142	58991m	30.65	ng	
39) 1,2,4,5-Tetrachlorobenzene	9.30	216	29598	31.18	ng	98
40) Hexachlorocyclopentadiene	9.29	237	31571	63.75	ng	99

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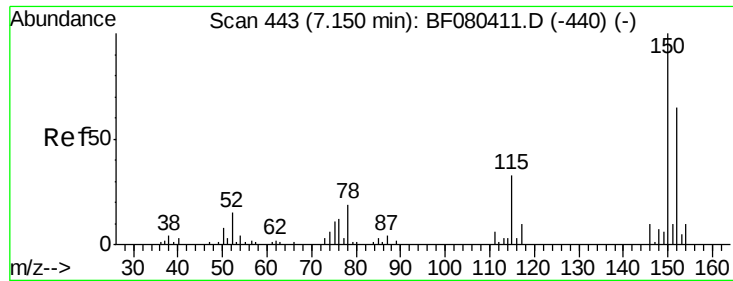
Manual Integrations
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Quant Time: Jul 14 12:05:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	17546	32.09	ng	93
43) 2,4,5-Trichlorophenol	9.46	196	20002	34.09	ng #	89
45) 1,1'-Biphenyl	9.60	154	79767	32.25	ng	99
46) 2-Chloronaphthalene	9.62	162	54232	29.71	ng #	90
47) 2-Nitroaniline	9.73	65	15148	28.26	ng #	81
48) Acenaphthylene	10.04	152	101894	32.63	ng	99
49) Dimethylphthalate	9.89	163	69384	32.35	ng	99
50) 2,6-Dinitrotoluene	9.96	165	12769	26.53	ng #	75
51) Acenaphthene	10.21	154	65583	33.04	ng	98
52) 3-Nitroaniline	10.14	138	11471	24.41	ng	81
53) 2,4-Dinitrophenol	10.24	184	14683	66.89	ng #	68
54) Dibenzofuran	10.38	168	93432	35.55	ng	95
55) 4-Nitrophenol	10.32	139	22200	59.68	ng #	79
56) 2,4-Dinitrotoluene	10.36	165	21102	37.49	ng #	70
57) Fluorene	10.73	166	74977	33.86	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.51	232	17014	33.05	ng #	93
59) Diethylphthalate	10.59	149	64645	30.79	ng #	93
60) 4-Chlorophenyl-phenylether	10.72	204	32184	30.17	ng #	86
61) 4-Nitroaniline	10.75	138	14879	32.08	ng	97
62) Azobenzene	10.88	77	74133	32.71	ng	86
64) 4,6-Dinitro-2-methylphenol	10.77	198	9534	33.31	ng #	63
65) n-Nitrosodiphenylamine	10.83	169	63415	38.16	ng	99
66) 4-Bromophenyl-phenylether	11.21	248	20455	36.00	ng #	84
67) Hexachlorobenzene	11.28	284	19359	33.93	ng #	62
68) Atrazine	11.36	200	18354	35.52	ng	96
69) Pentachlorophenol	11.48	266	21309	65.40	ng	97
70) Phenanthrene	11.70	178	107926	33.69	ng	98
71) Anthracene	11.74	178	113927	38.41	ng	98
72) Carbazole	11.90	167	109329	39.94	ng	98
73) Di-n-butylphthalate	12.21	149	118024	40.78	ng	100
74) Fluoranthene	12.91	202	123447	37.16	ng	99
76) Benzidine	13.04	184	67142	48.33	ng	98
77) Pyrene	13.15	202	131285	28.82	ng	99
79) Butylbenzylphthalate	13.80	149	50800	29.42	ng	98
80) Benzo(a)anthracene	14.48	228	139343	31.10	ng	99
81) 3,3'-Dichlorobenzidine	14.44	252	36774	27.45	ng #	97
82) Chrysene	14.52	228	137514	33.33	ng	100
83) Bis(2-ethylhexyl)phthalate	14.44	149	78457	28.95	ng	96
84) Di-n-octyl phthalate	15.19	149	138369	28.99	ng #	94
85) Indeno(1,2,3-cd)pyrene	17.86	276	230692	45.01	ng	98
87) Benzo(b)fluoranthene	15.73	252	156571	26.87	ng	96
88) Benzo(k)fluoranthene	15.77	252	158328m	33.23	ng	
89) Benzo(a)pyrene	16.15	252	166361	32.58	ng	99
90) Dibenzo(a,h)anthracene	17.87	278	189017	37.38	ng #	97
91) Benzo(g,h,i)perylene	18.36	276	199296	39.67	ng	95

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



#1

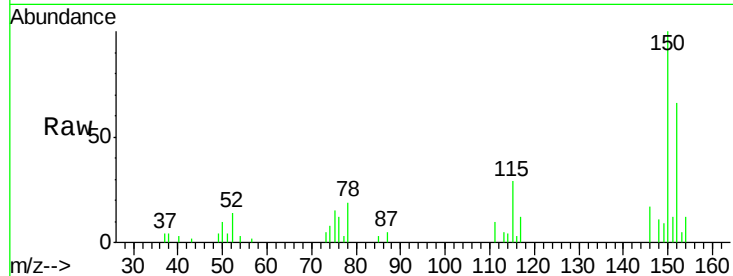
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

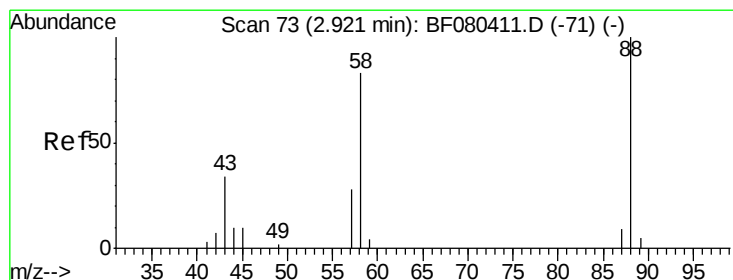
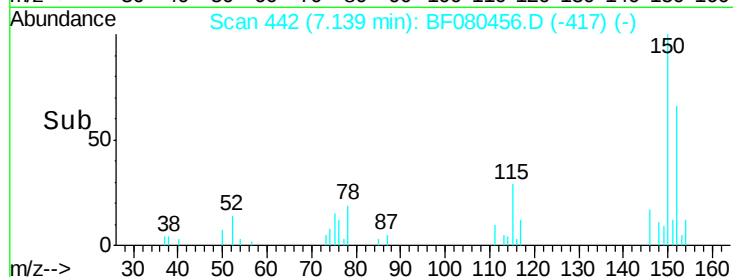
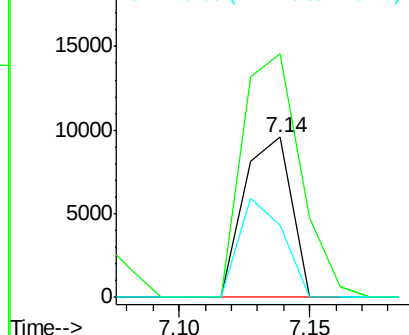
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	12161		
150	151.9	122.3	183.5	
115	44.7	41.0	61.4	

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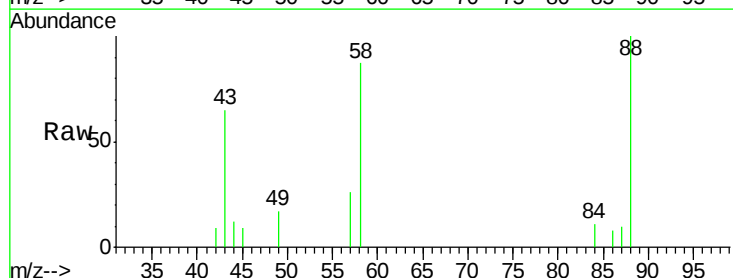
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



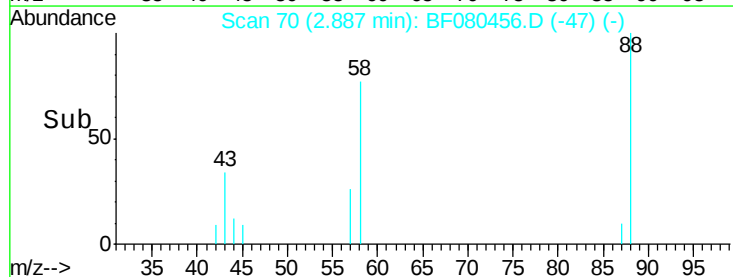
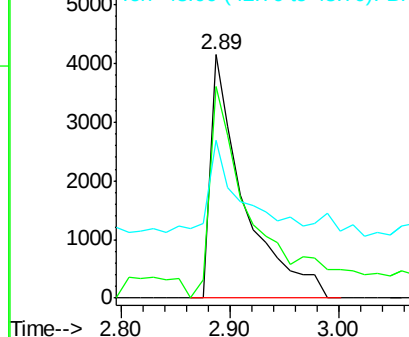
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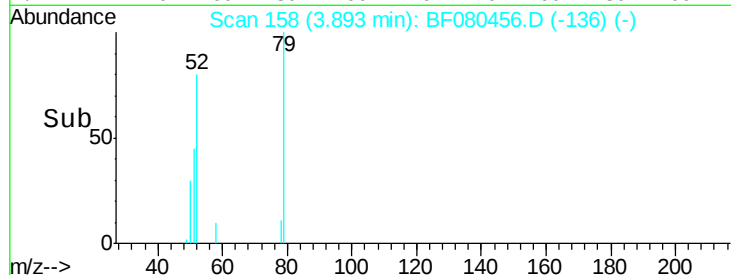
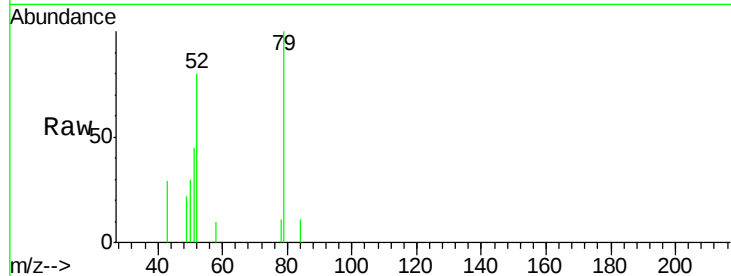
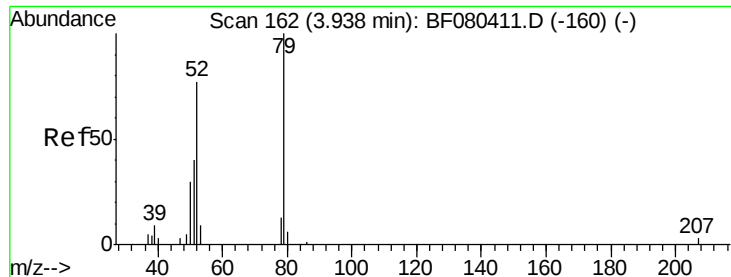
1,4-Dioxane
Concen: 25.80 ng
RT: 2.89 min Scan# 70
Delta R.T. -0.03 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	8816		
58	126.3	62.4	93.6#	
43	34.5	24.4	36.6	



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





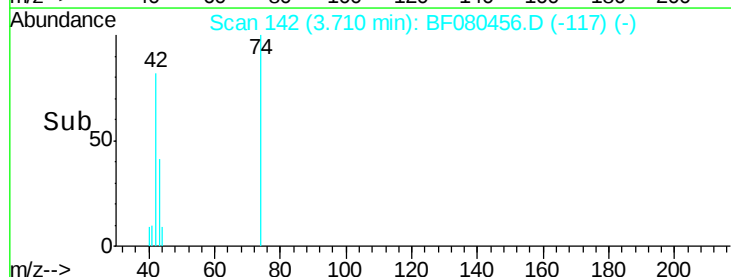
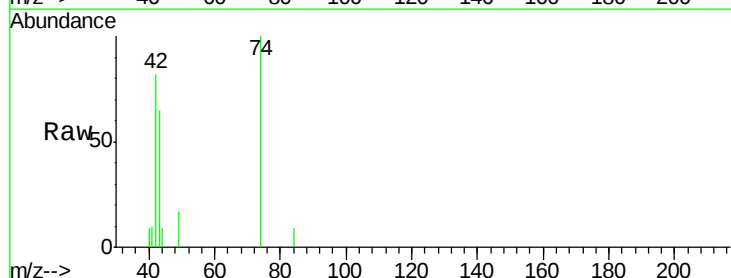
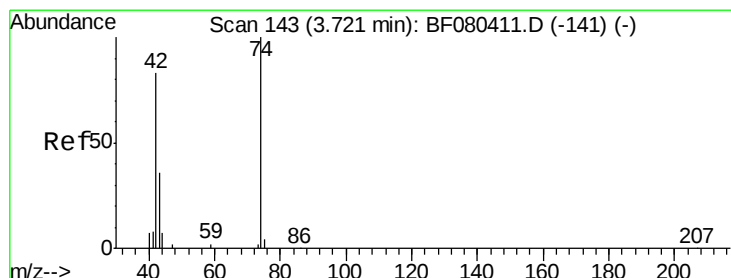
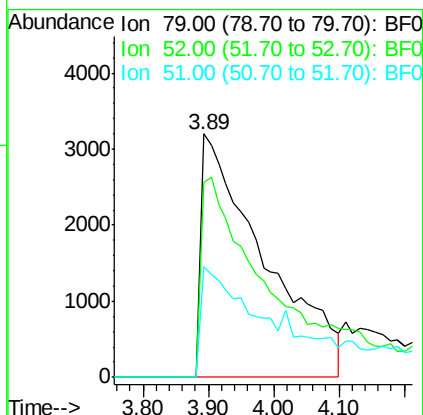
#3
 Pyridine
 Concen: 28.28 ng
 RT: 3.89 min Scan# 158
 Delta R.T. -0.05 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
79	100		
52	79.9	61.6	92.4
51	45.2	34.5	51.7

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

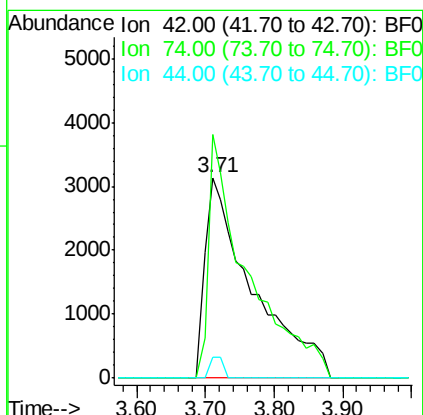
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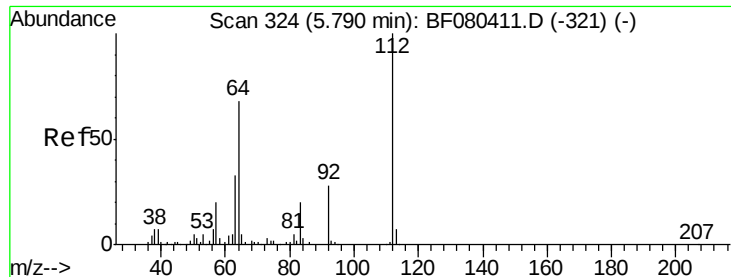
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#4
 n-Nitrosodimethylamine
 Concen: 36.10 ng
 RT: 3.71 min Scan# 142
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.5	97.0	145.4
44	10.4	6.3	9.5





#5

2-Fluorophenol

Concen: 118.50 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.02 min

Lab File: BF080456.D

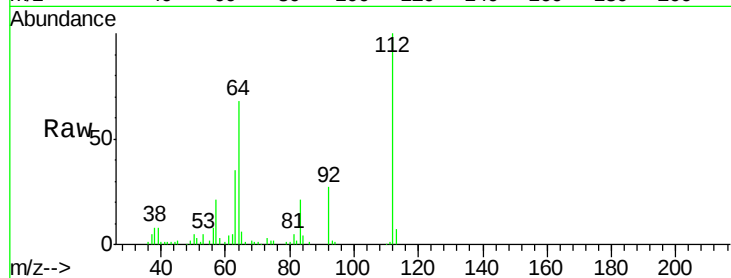
Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampled :

PB84467BS



Tgt Ion: 112 Resp: 84097

Ion Ratio Lower Upper

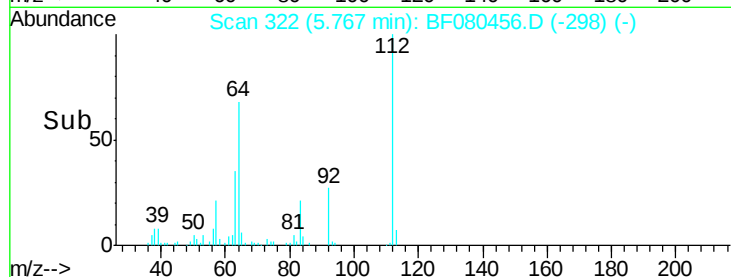
112 100

64 68.3 54.3 81.5

63 34.6 26.7 40.1

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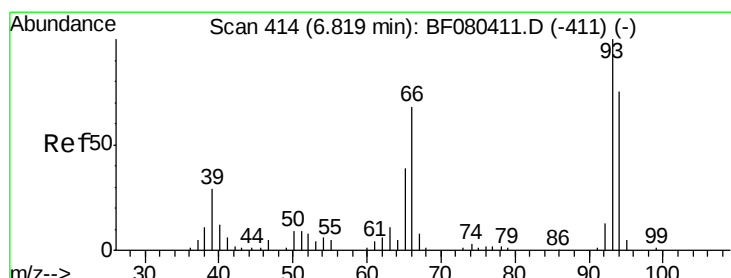
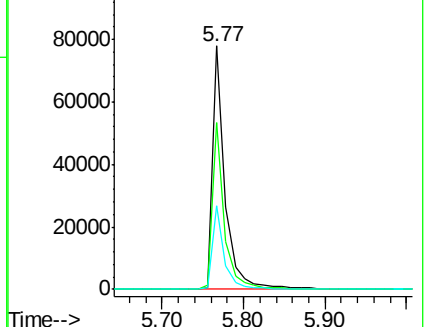
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.10 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

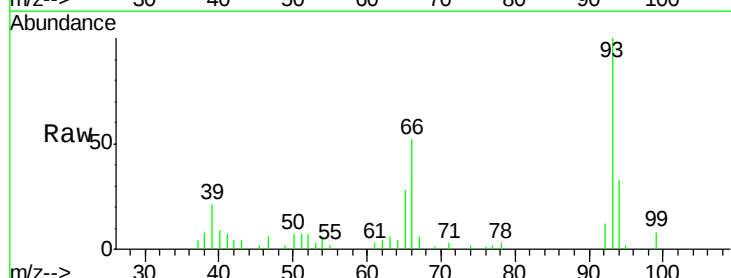
Tgt Ion: 93 Resp: 26060

Ion Ratio Lower Upper

93 100

66 52.5 54.8 82.2#

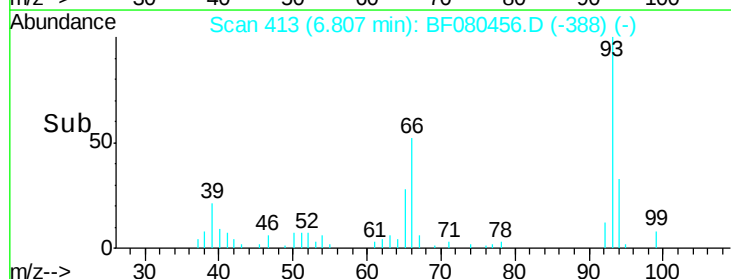
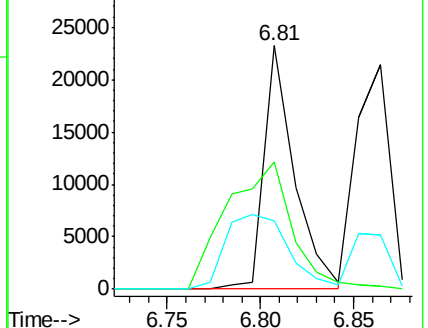
65 28.0 31.4 47.2#

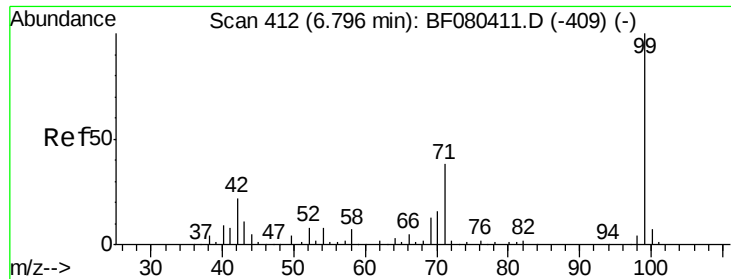


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.10 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

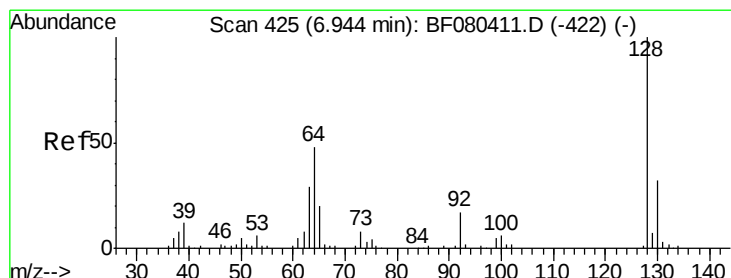
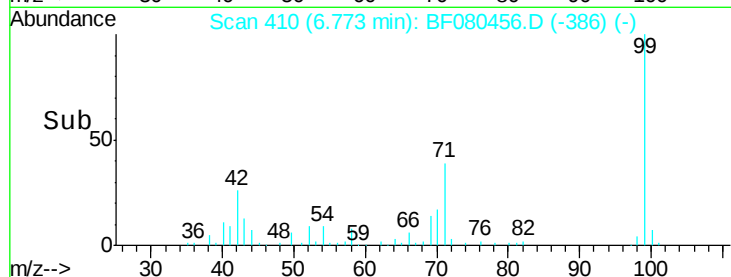
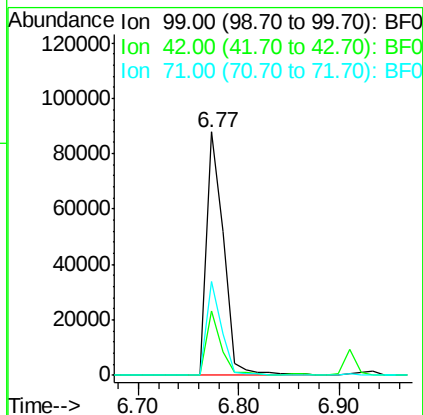
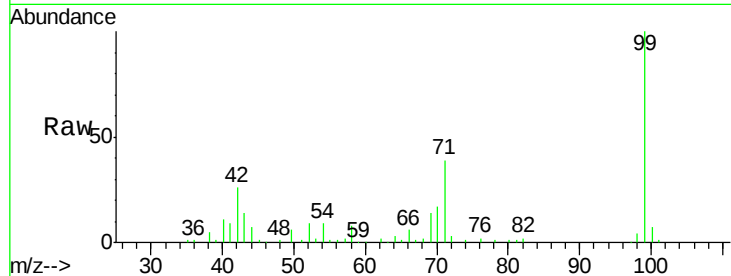
ClientSampleId :

PB84467BS

Tgt Ion:	99	Resp:	103153
Ion Ratio	Lower	Upper	
99	100		
42	26.4	17.9	26.9
71	38.7	30.1	45.1

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#8

2-Chlorophenol

Concen: 32.67 ng

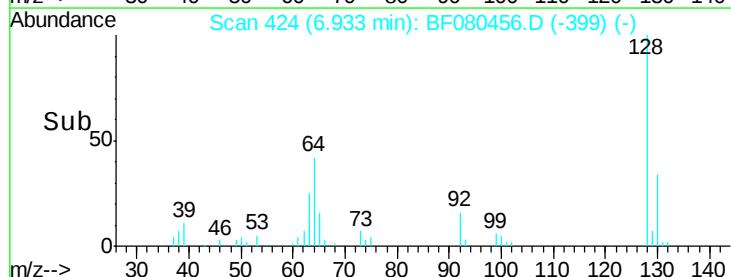
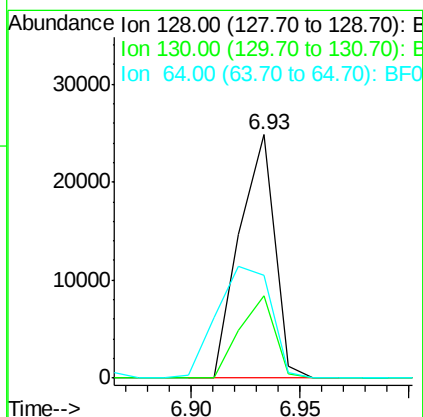
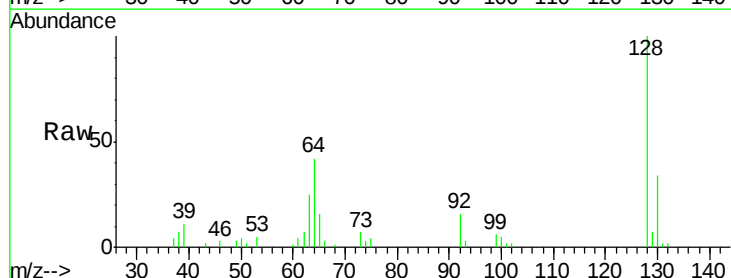
RT: 6.93 min Scan# 424

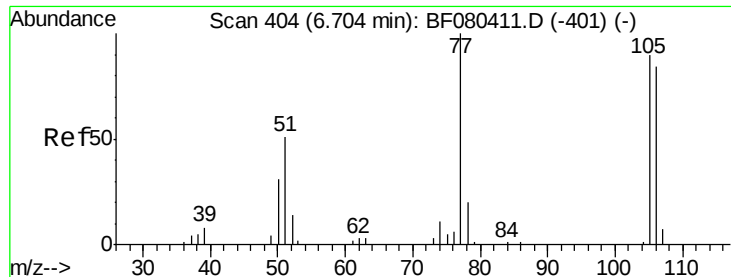
Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Tgt Ion:	128	Resp:	27931
Ion Ratio	Lower	Upper	
128	100		
130	34.0	11.7	51.7
64	42.4	28.0	68.0





#9

Benzaldehyde

Concen: 19.89 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

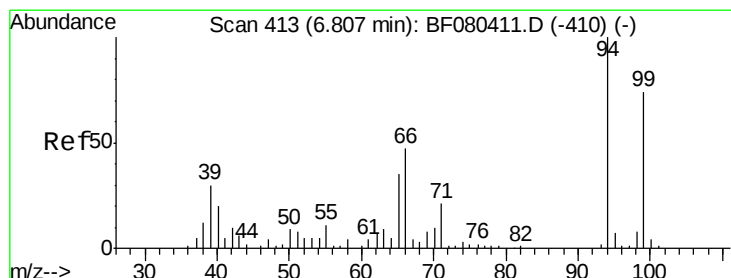
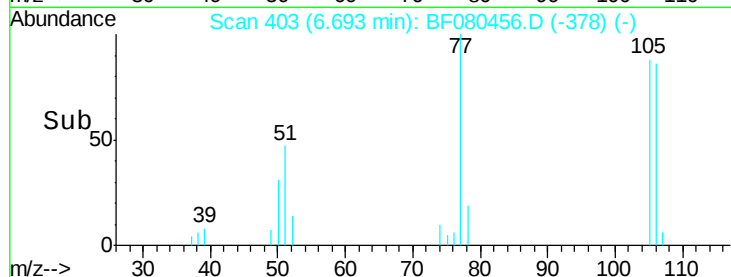
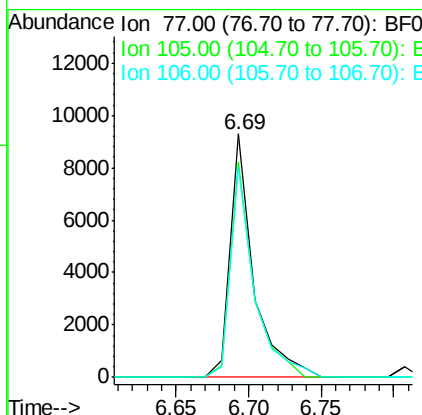
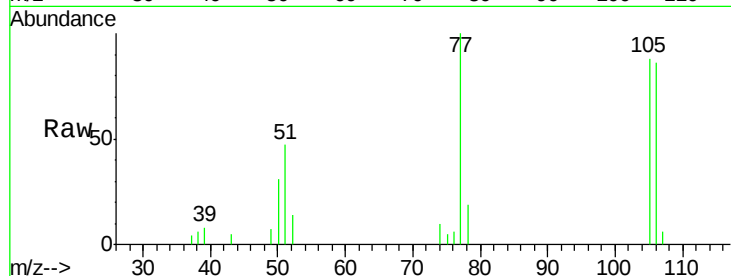
ClientSampleId :

PB84467BS

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Tgt Ion:	77	Resp:	10401
Ion	Ratio	Lower	Upper
77	100		
105	88.5	69.6	109.6
106	86.4	63.6	103.6



#10

Phenol

Concen: 36.70 ng

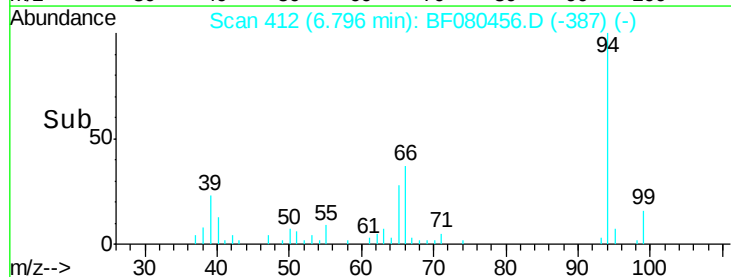
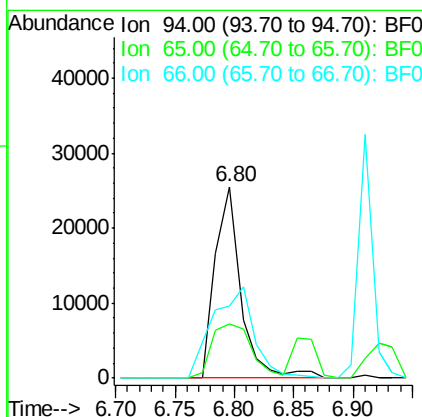
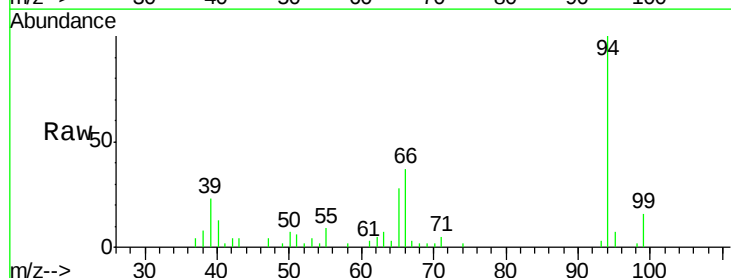
RT: 6.80 min Scan# 412

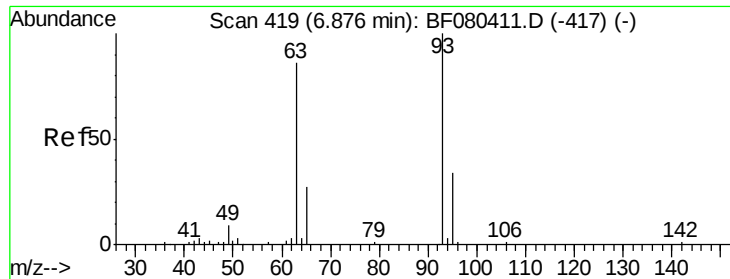
Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Tgt Ion:	94	Resp:	38347
Ion	Ratio	Lower	Upper
94	100		
65	28.1	15.0	55.0
66	37.4	27.1	67.1





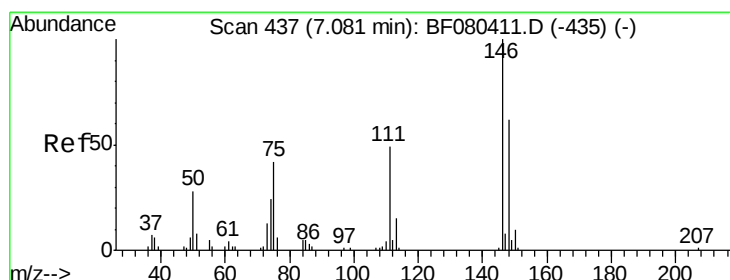
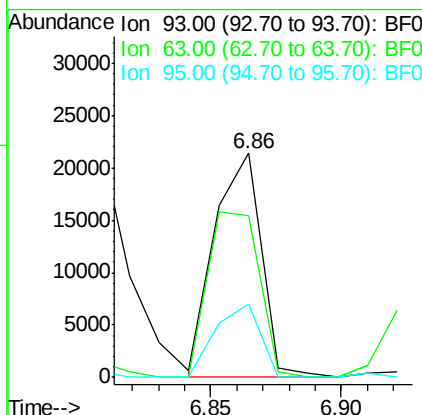
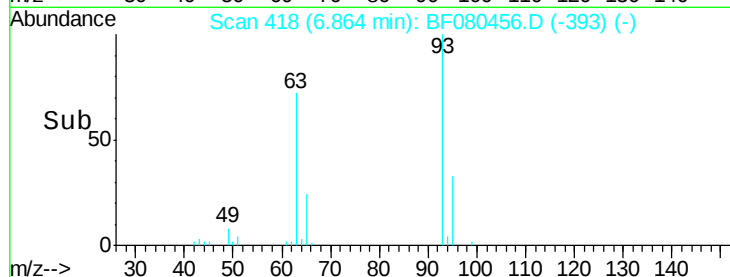
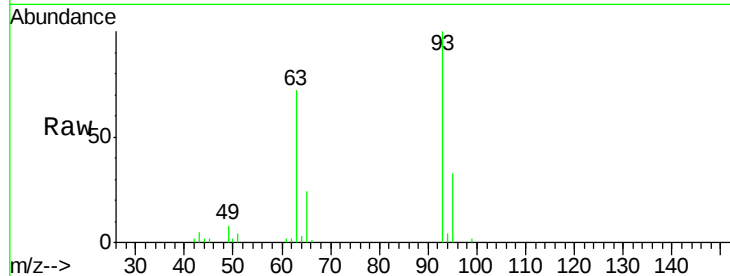
#11
bis(2-Chloroethyl)ether
Concen: 31.12 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.1	62.9	102.9
95	32.5	12.2	52.2

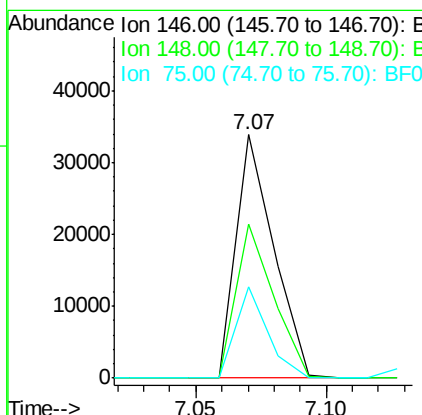
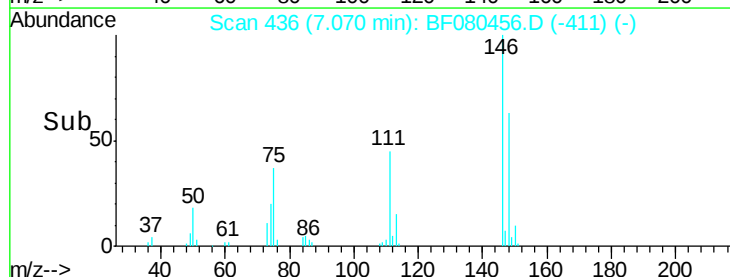
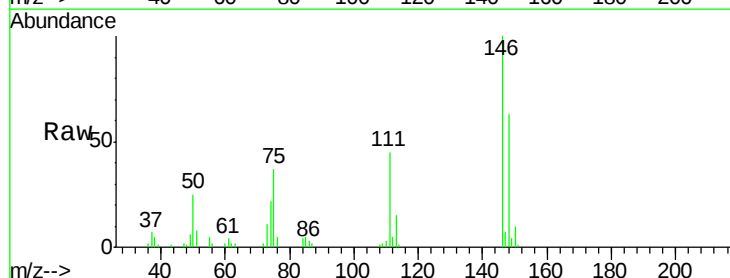
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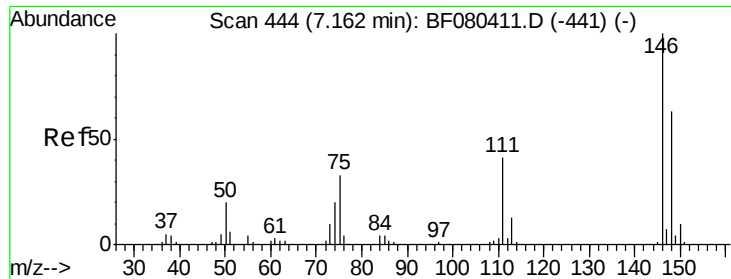
apatel
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#12
1,3-Dichlorobenzene
Concen: 35.42 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.5	74.3
75	37.5	33.4	50.2





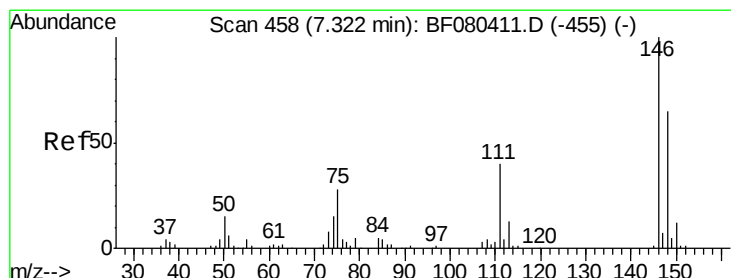
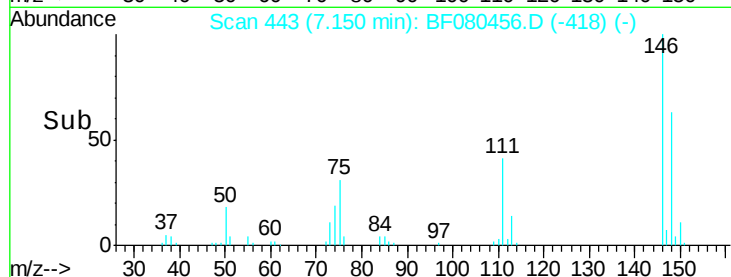
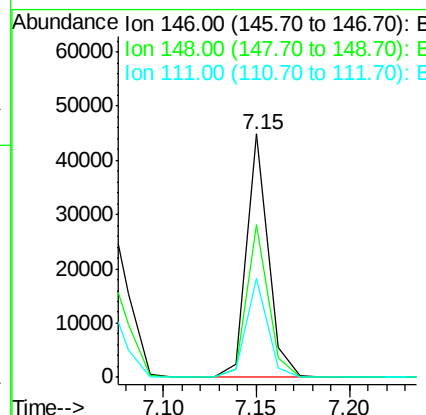
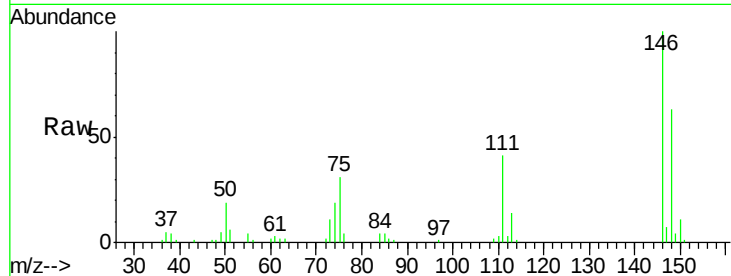
#13
 1,4-Dichlorobenzene
 Concen: 33.46 ng
 RT: 7.15 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.3	75.5
111	40.6	33.1	49.7

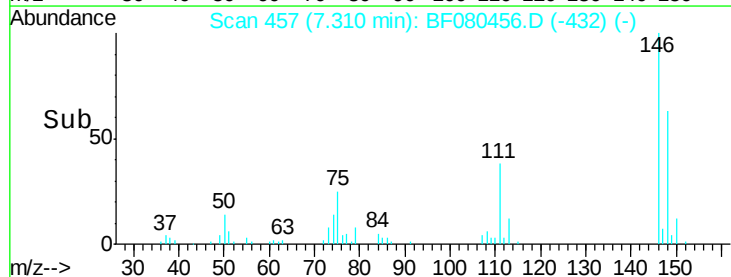
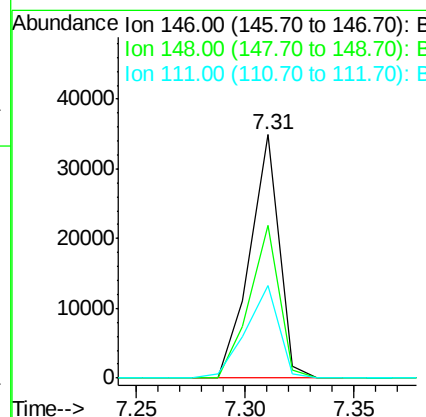
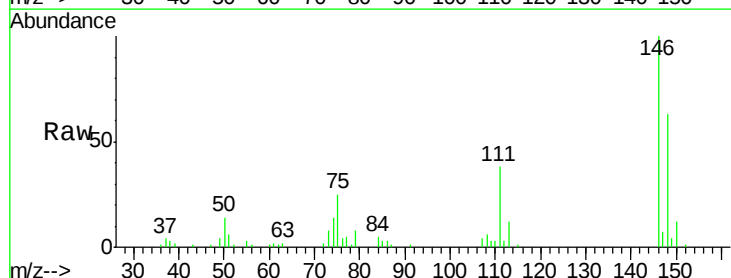
Manual Integrations
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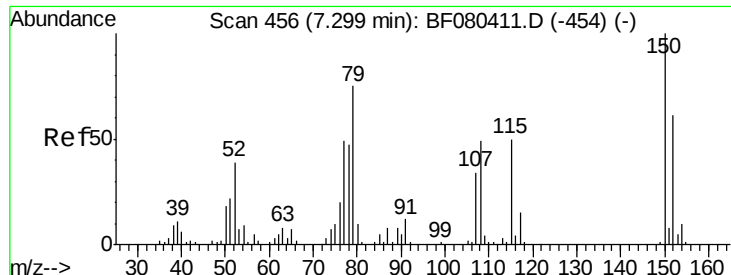
apatel
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#14
 1,2-Dichlorobenzene
 Concen: 31.72 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.2	78.4
111	38.2	32.2	48.2





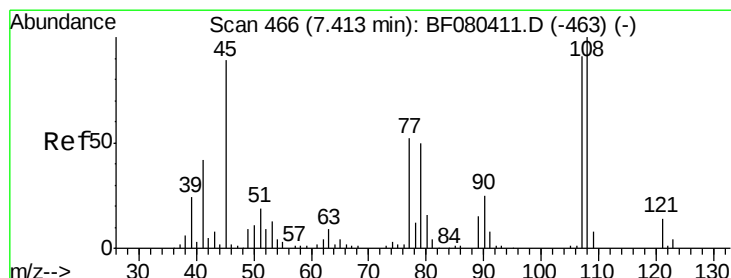
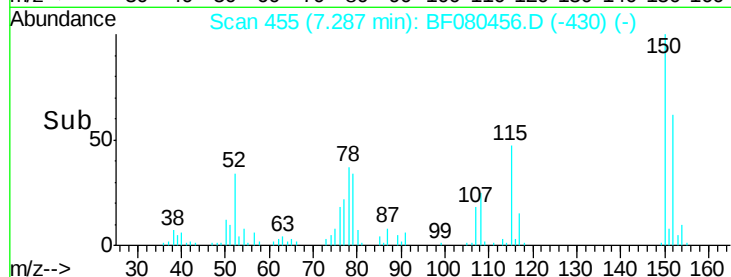
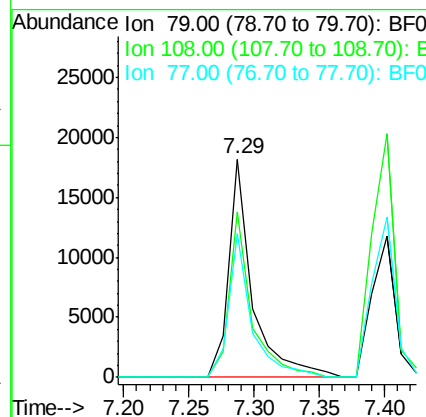
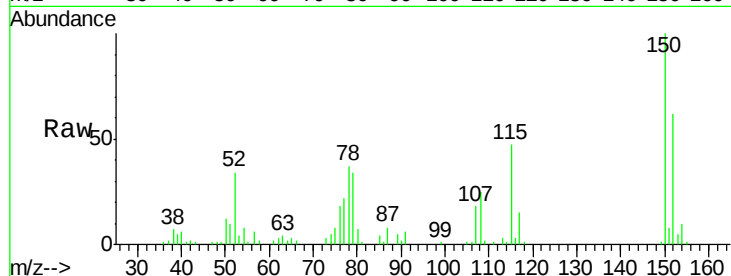
#15
Benzyl Alcohol
Concen: 29.83 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampled :
PB84467BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.6	51.6	77.4
77	66.0	52.2	78.2

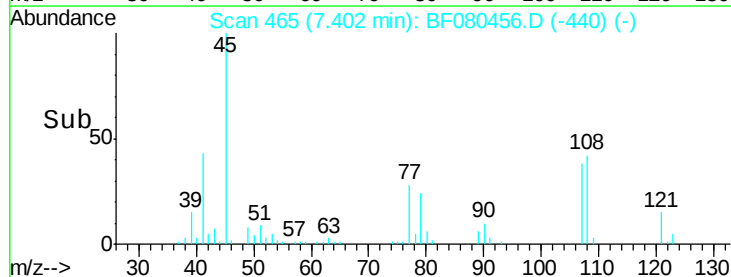
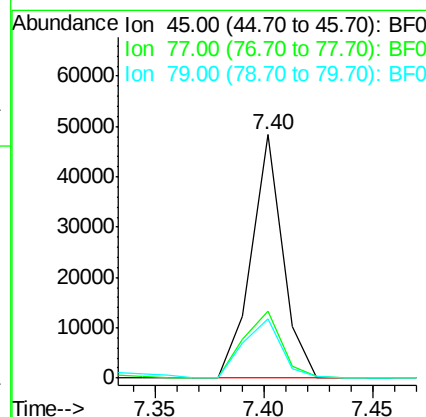
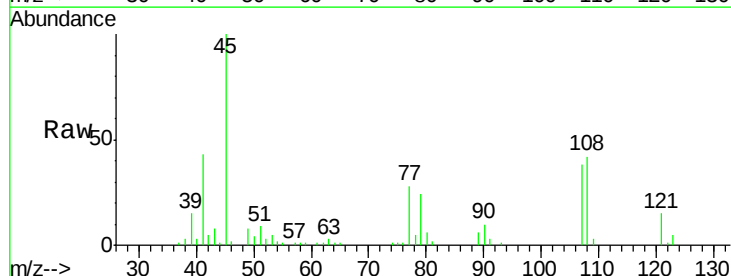
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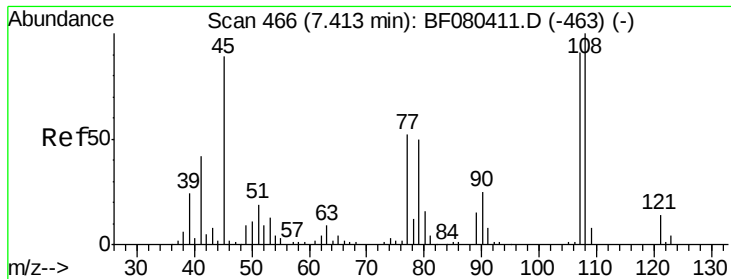
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.16 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.8	39.1	79.1#
79	24.4	37.2	77.2#





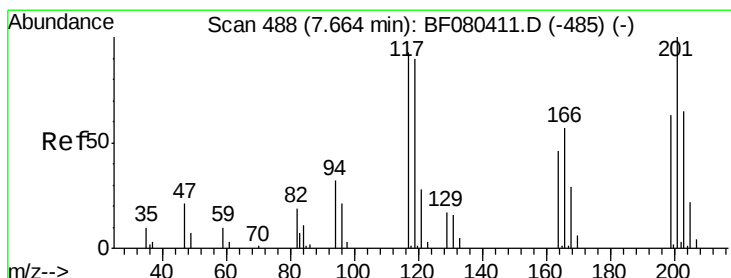
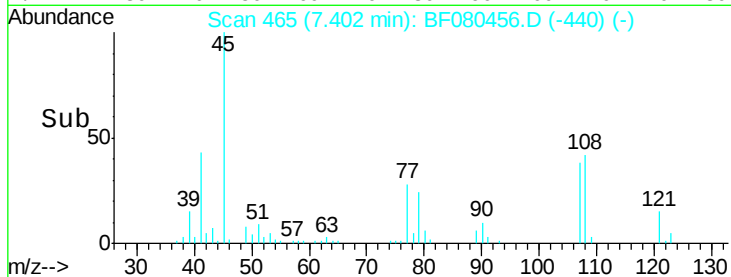
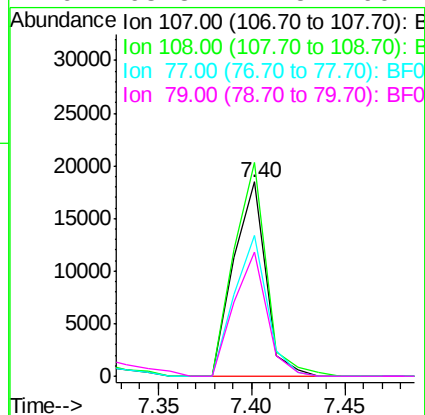
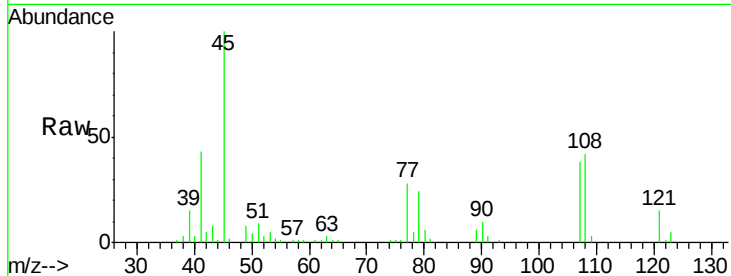
#17
2-Methylphenol
Concen: 29.80 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	22147		
108	109.9	88.0	132.0	
77	72.7	45.9	68.9	
79	63.8	44.5	66.7	

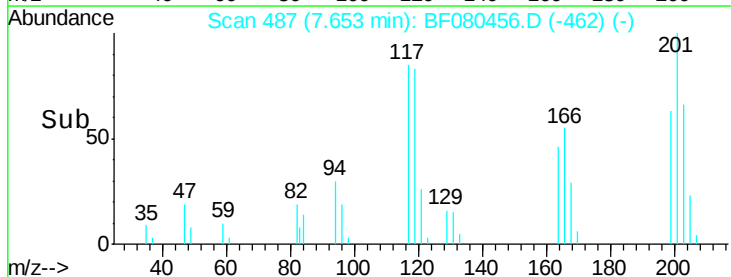
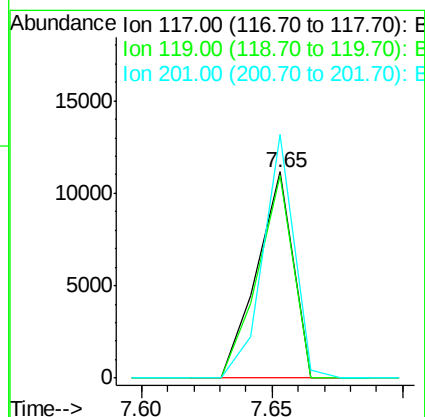
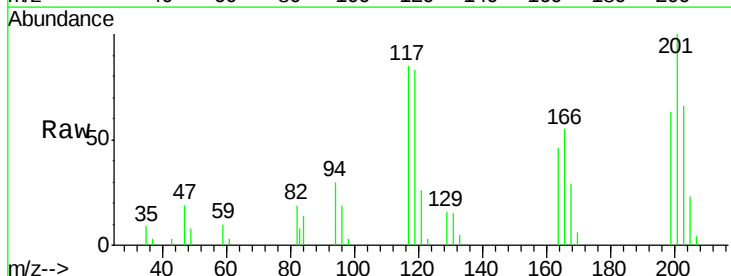
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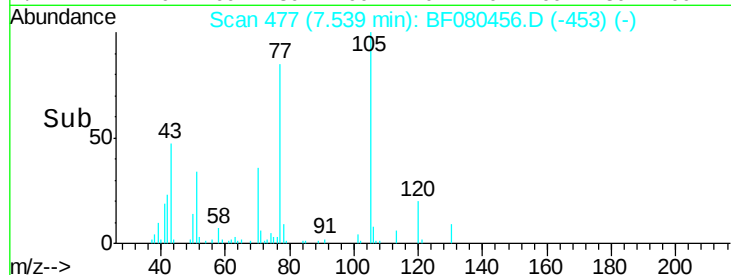
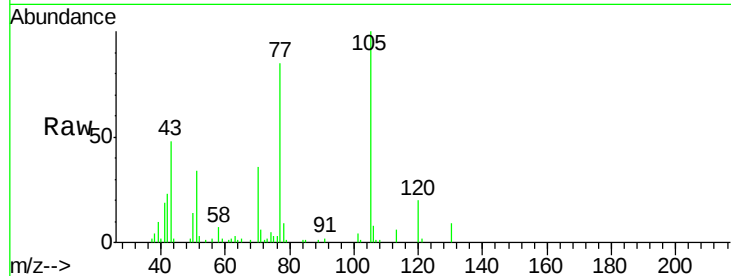
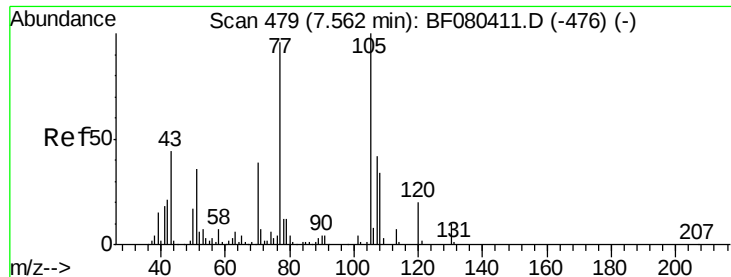
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#18
Hexachloroethane
Concen: 31.84 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	10712		
119	98.3	78.1	117.1	
201	118.1	86.5	129.7	





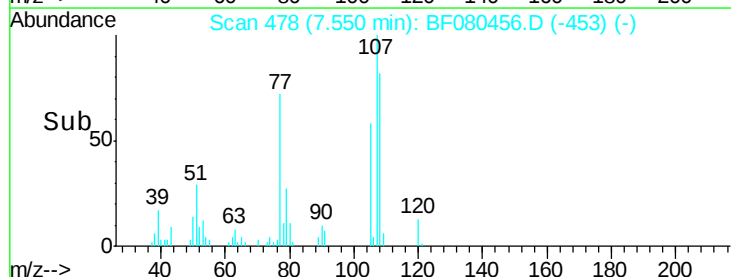
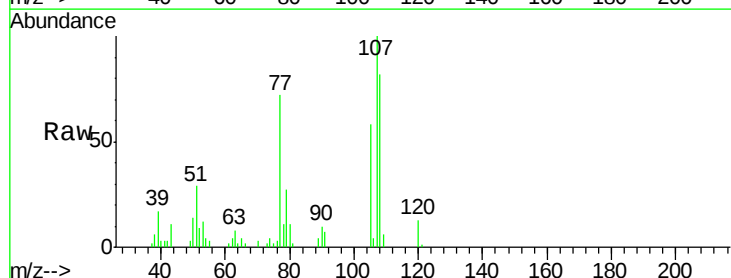
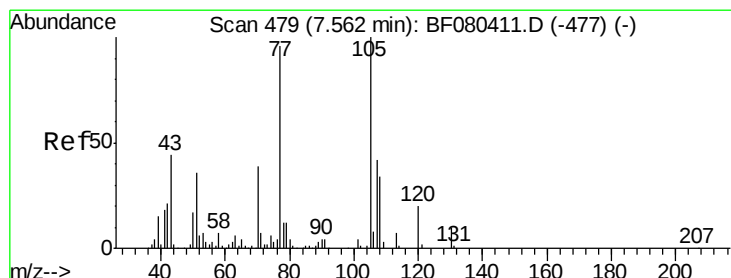
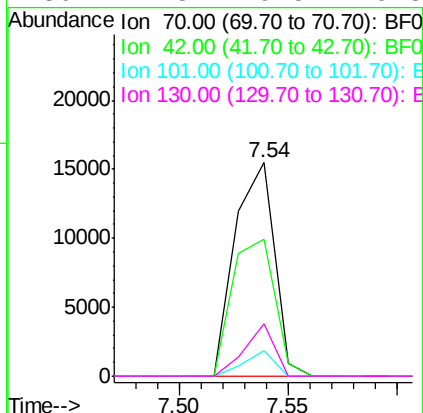
#19
n-Nitroso-di-n-propylamine
Concen: 30.07 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		19457		
42	64.1	43.4	65.0		
101	11.9	9.0	13.6		
130	24.8	19.5	29.3		

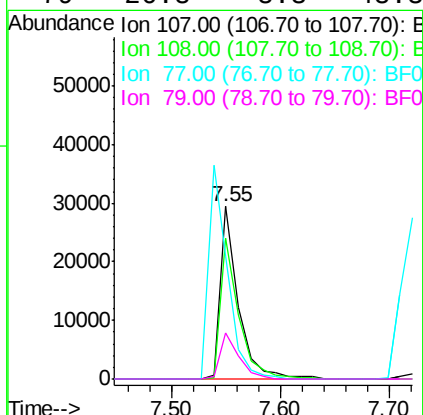
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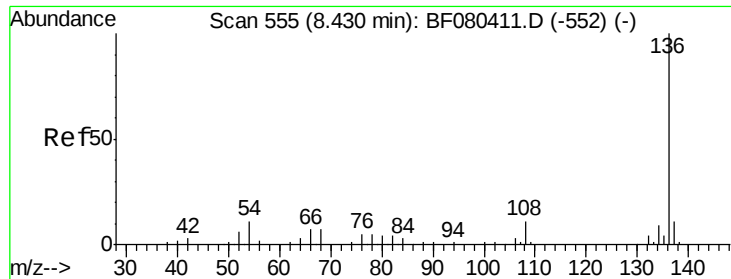
apatel
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#20
3+4-Methylphenols
Concen: 36.35 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		33941		
108	81.9	60.8	100.8		
77	71.5	207.5	247.5#		
79	26.8	8.3	48.3		





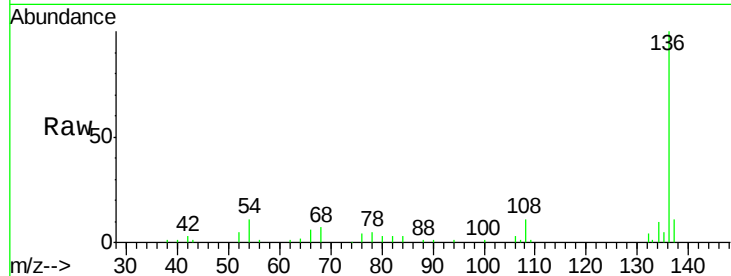
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

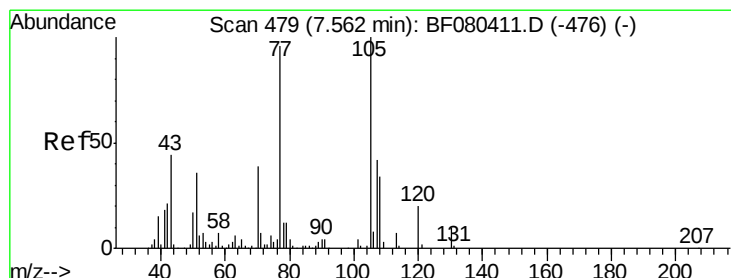
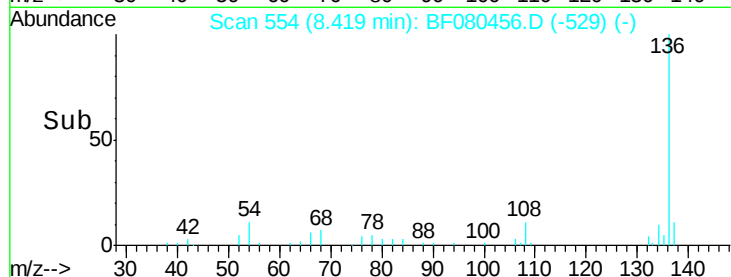
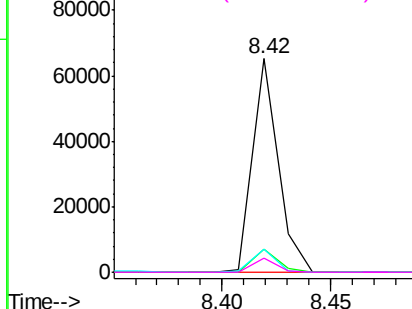
Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.0	13.4
54	10.6	9.1	13.7
68	6.7	5.9	8.9

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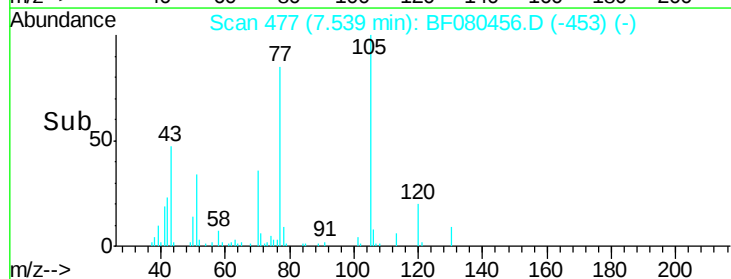
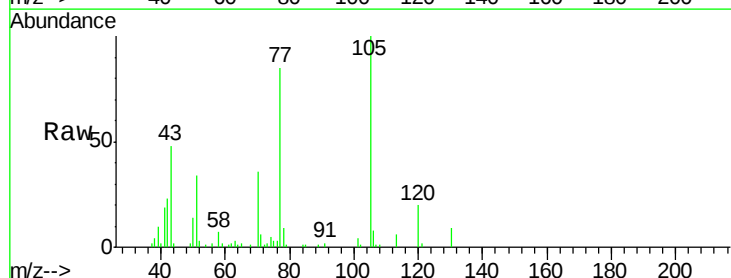
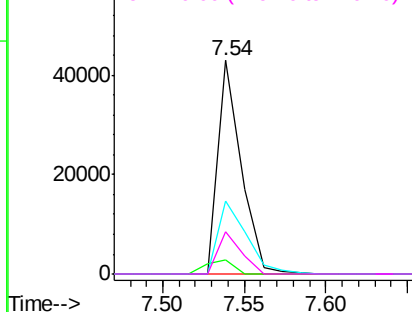
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

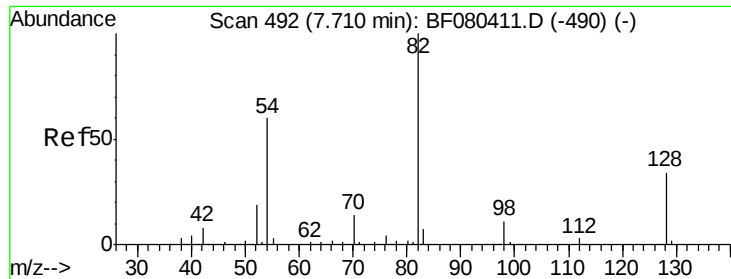


#22
Acetophenone
Concen: 33.27 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.5	5.2	7.8
51	34.3	28.7	43.1
120	19.9	16.4	24.6

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





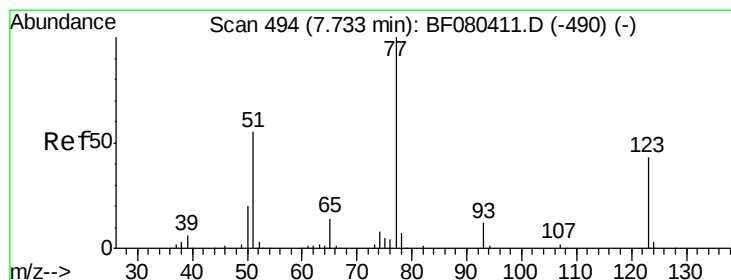
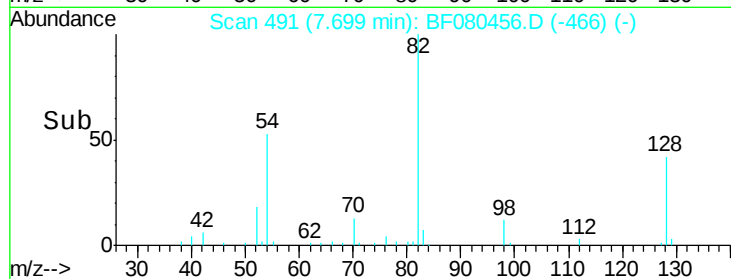
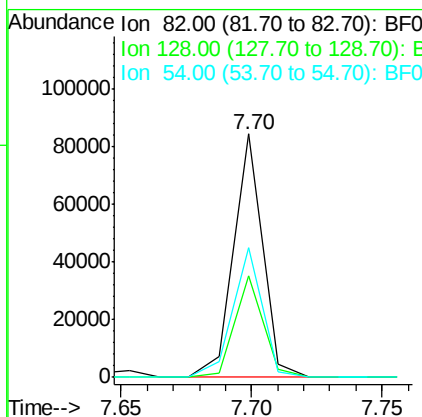
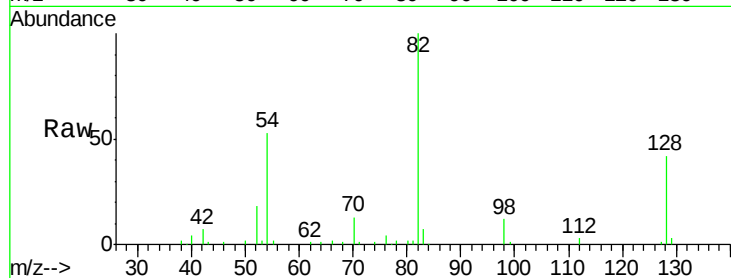
#23
 Nitrobenzene-d5
 Concen: 70.50 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	41.8	26.9	40.3#
54	53.4	47.7	71.5

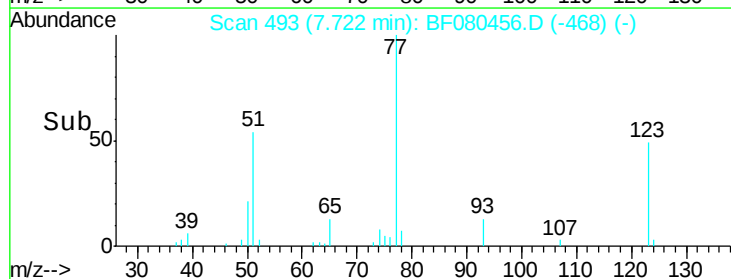
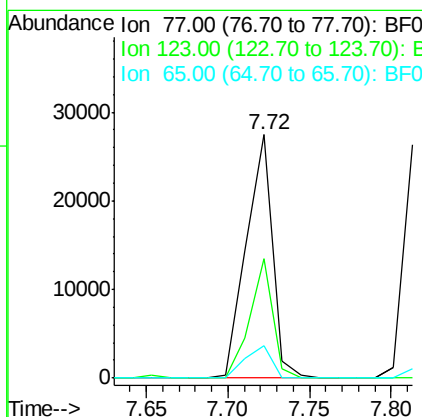
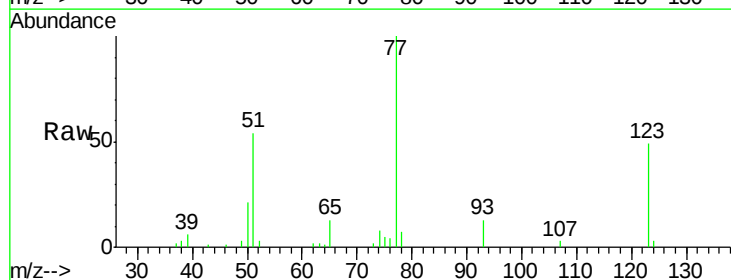
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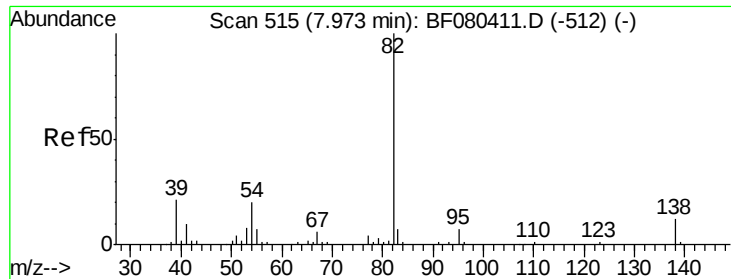
apatel
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#24
 Nitrobenzene
 Concen: 29.44 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	49.2	34.0	51.0
65	13.5	11.2	16.8





#25

Isophorone

Concen: 36.14 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

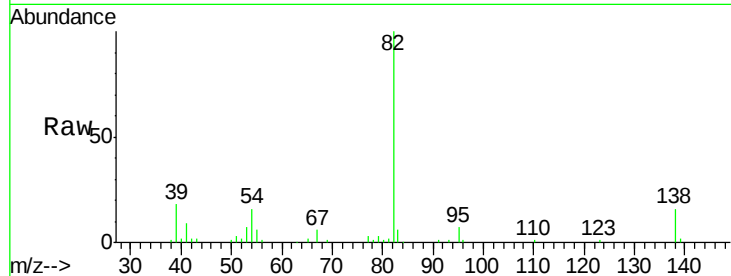
ClientSampleId :

PB84467BS

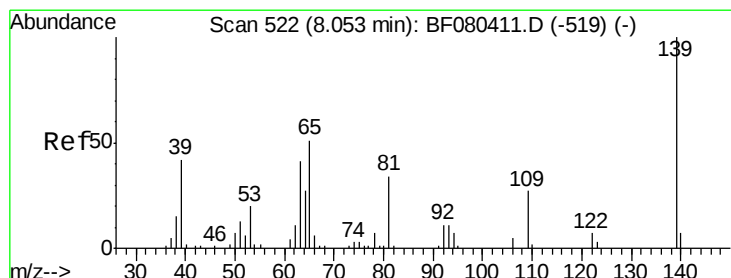
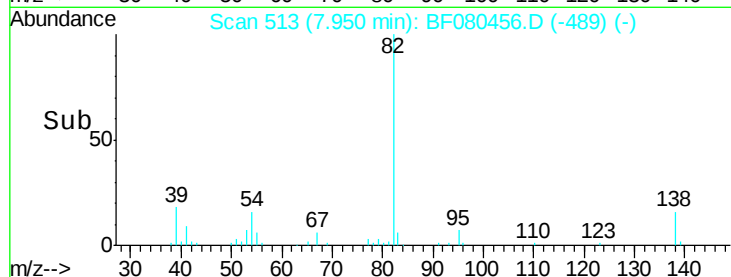
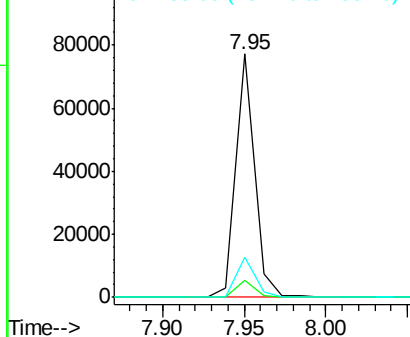
Tgt Ion	82	Resp	60565
Ion Ratio	100	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	16.4	9.5	14.3#

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 27.27 ng

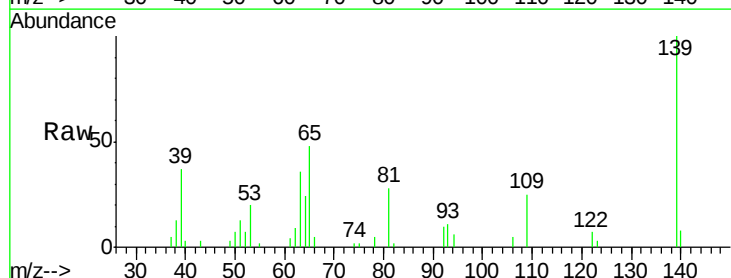
RT: 8.04 min Scan# 521

Delta R.T. -0.01 min

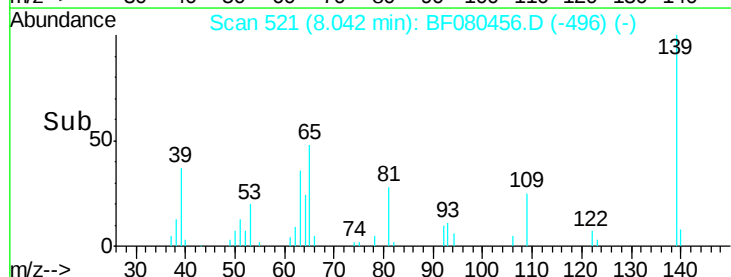
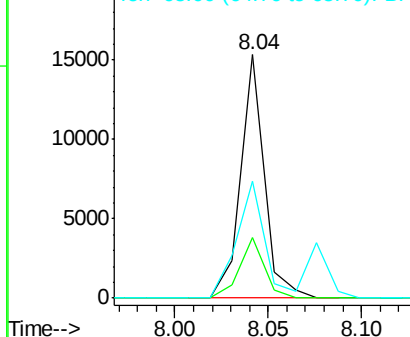
Lab File: BF080456.D

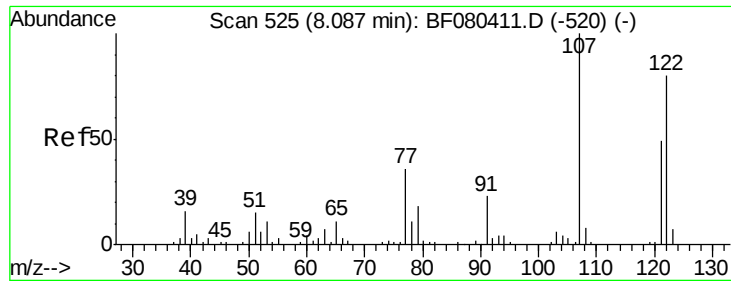
Acq: 14 Jul 2015 9:02

Tgt Ion	139	Resp	13544
Ion Ratio	100	Lower	Upper
139	100		
109	25.1	21.7	32.5
65	48.2	40.5	60.7



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





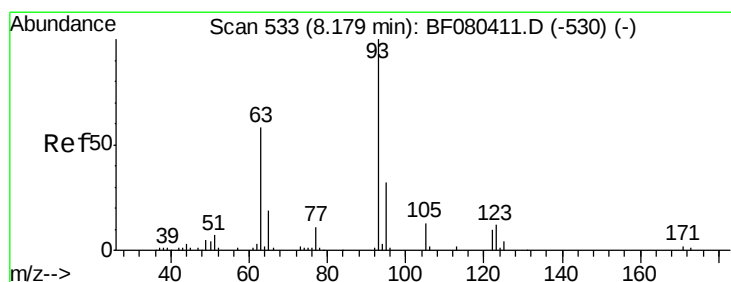
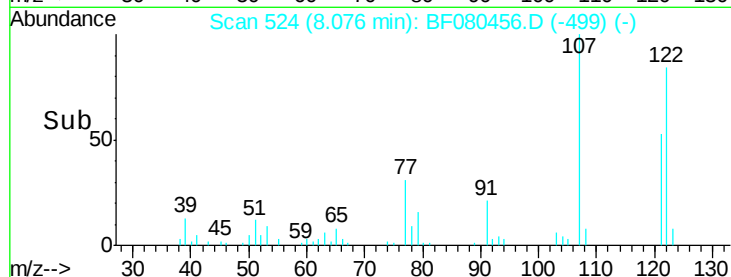
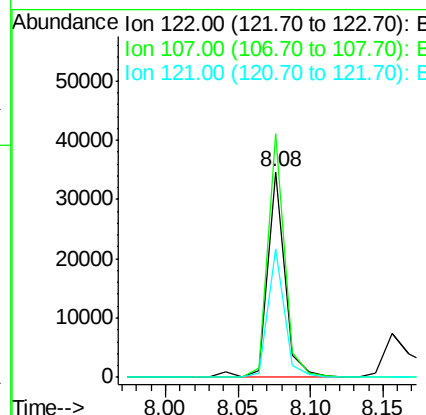
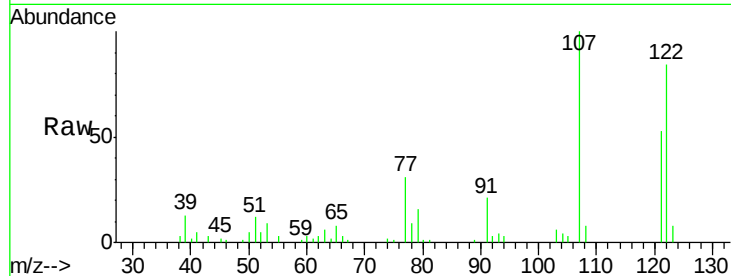
#27
 2,4-Dimethylphenol
 Concen: 36.69 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	28681		
107	118.6	99.5	149.3	
121	62.3	48.4	72.6	

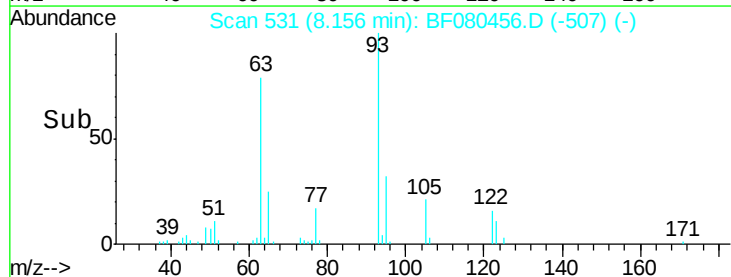
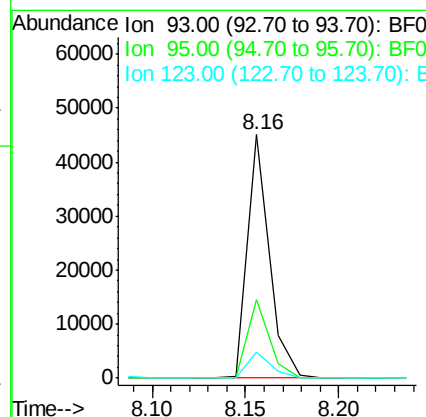
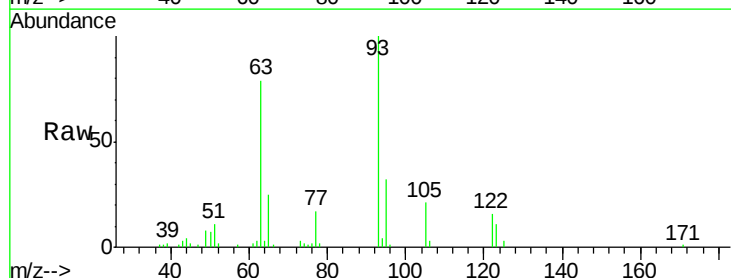
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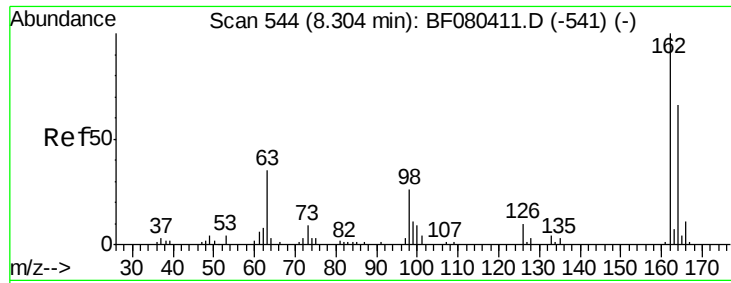
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.42 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	36933		
95	32.5	25.8	38.8	
123	10.8	9.7	14.5	





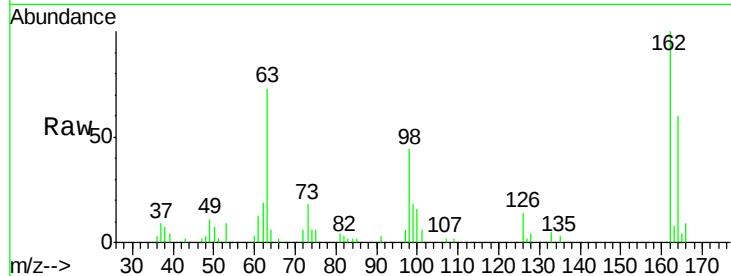
#29
 2,4-Dichlorophenol
 Concen: 35.02 ng
 RT: 8.28 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

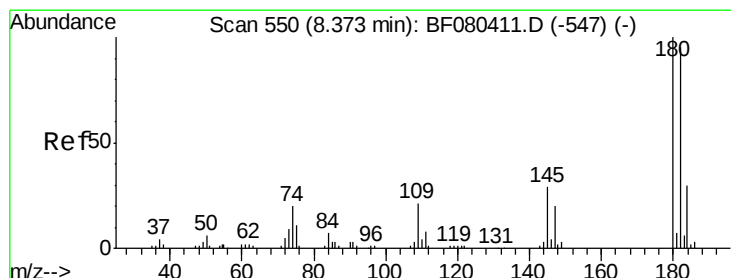
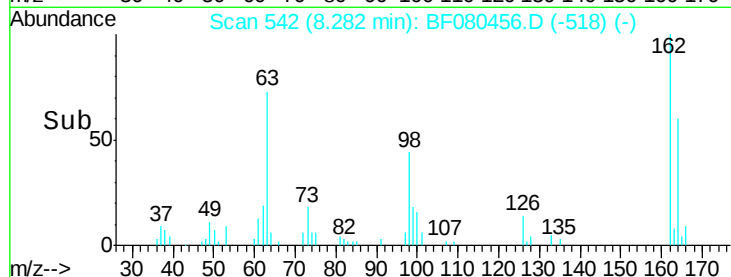
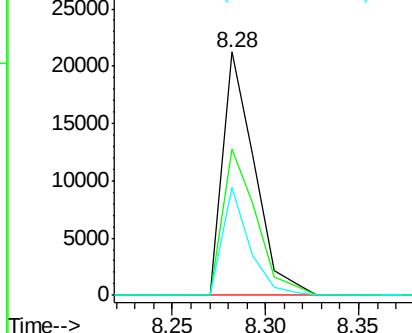
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	25269		
164	60.3	45.5	85.5	
98	44.3	6.3	46.3	

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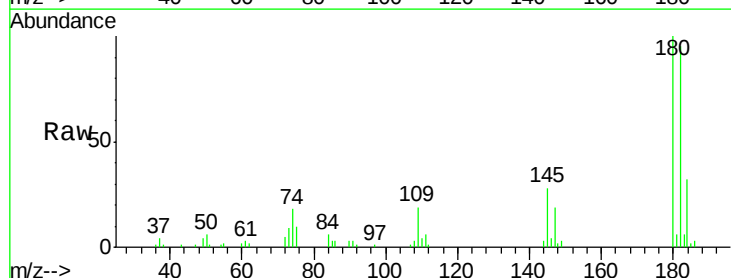


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

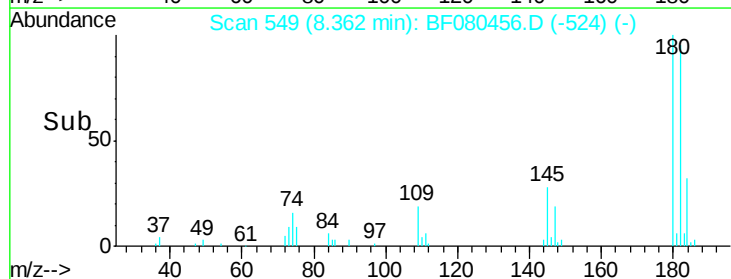
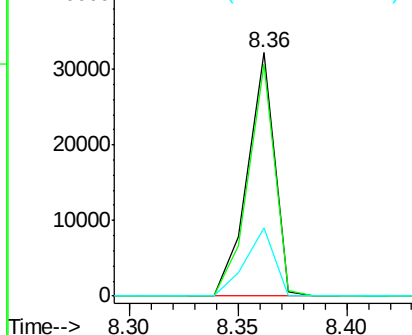


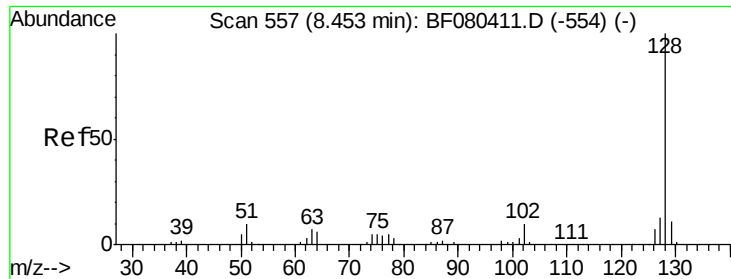
#30
 1,2,4-Trichlorobenzene
 Concen: 29.20 ng
 RT: 8.36 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	27872		
182	95.4	75.6	113.4	
145	28.1	23.3	34.9	



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





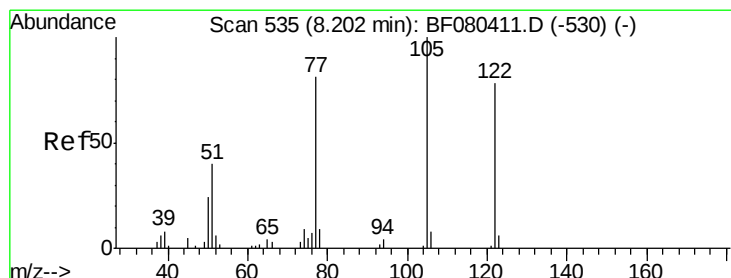
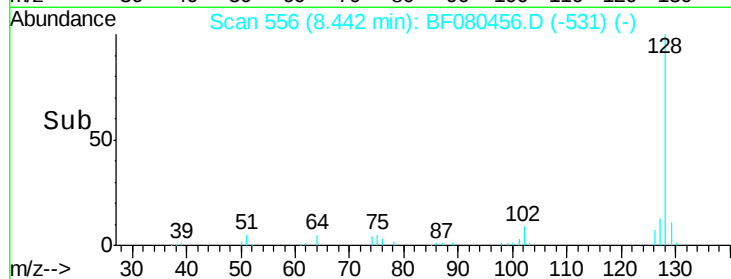
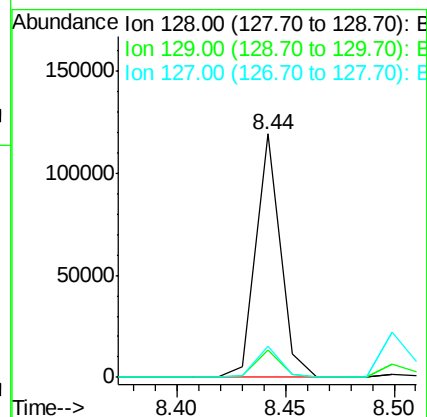
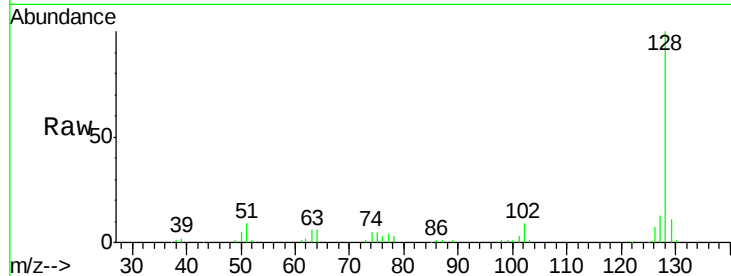
#31
Naphthalene
Concen: 32.18 ng
RT: 8.44 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	9.1	13.7
127	13.0	10.7	16.1

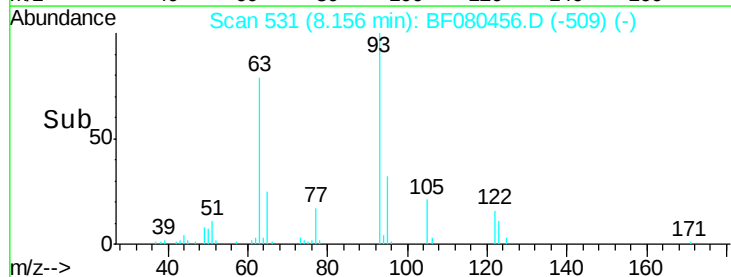
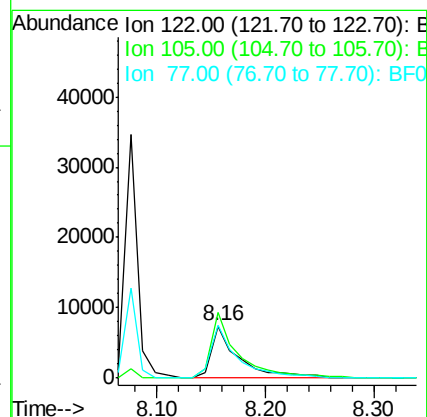
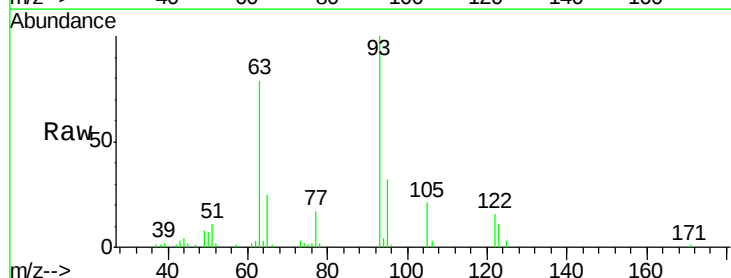
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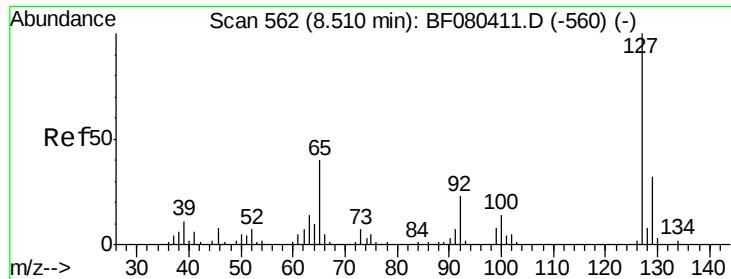
apatel
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#32
Benzoic acid
Concen: 23.78 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	128.2	108.8	148.8
77	102.7	84.2	124.2





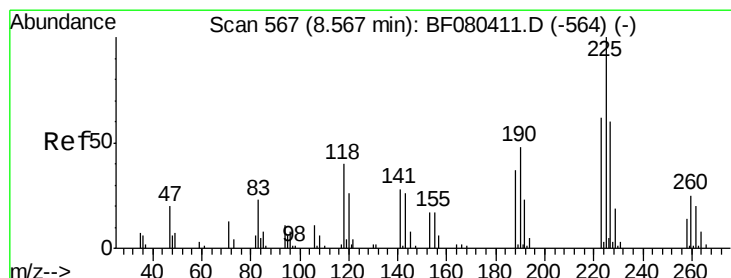
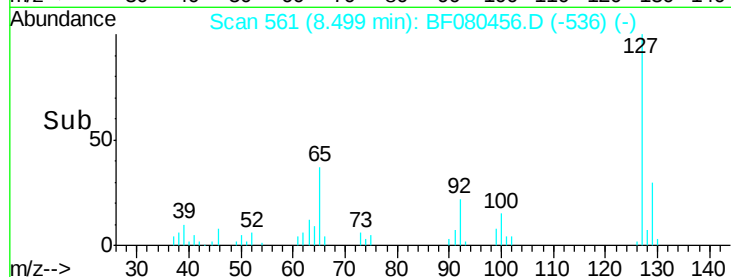
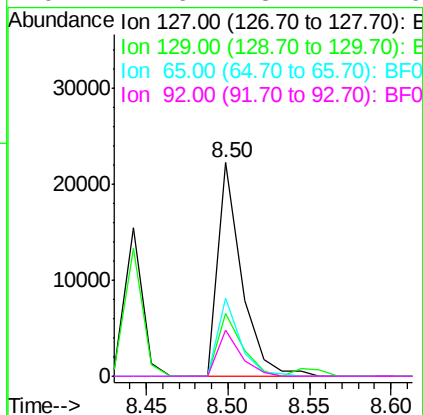
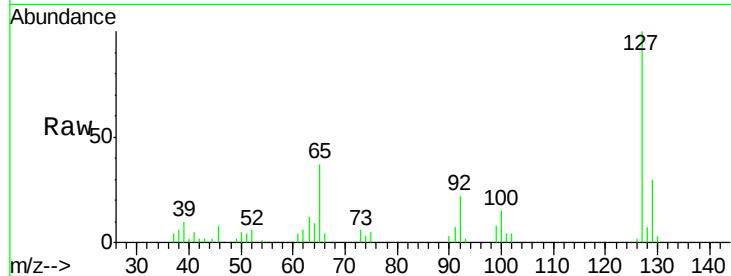
#33
4-Chloroaniline
Concen: 22.94 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		22679		
129	29.5	25.5	38.3		
65	36.8	31.8	47.8		
92	21.6	18.4	27.6		

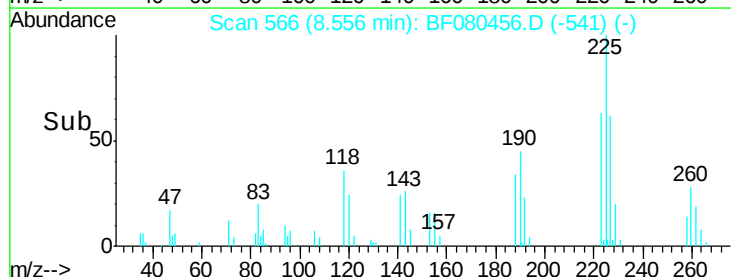
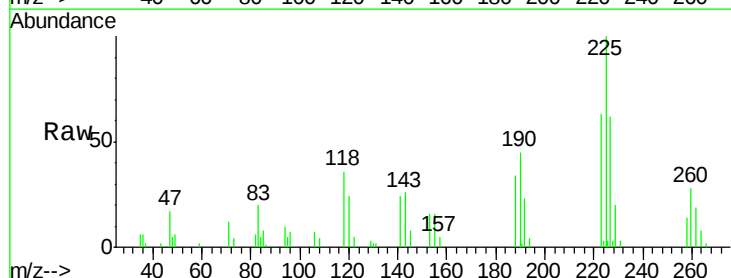
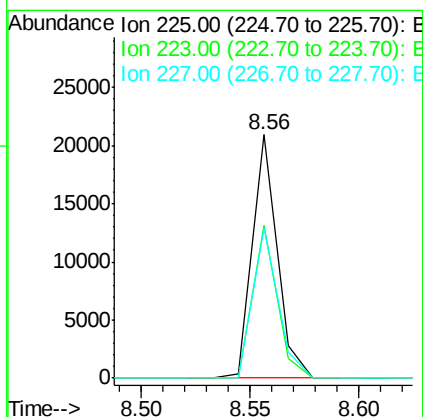
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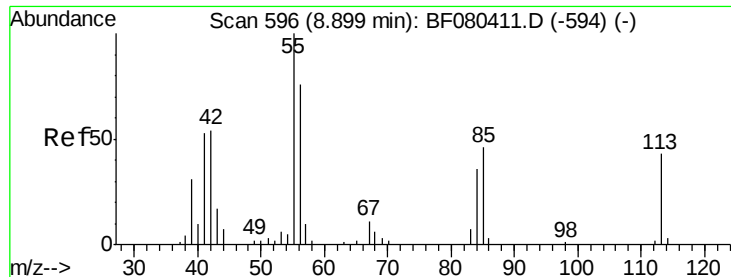
apatel
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#34
Hexachlorobutadiene
Concen: 29.81 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		16519		
223	62.8	49.5	74.3		
227	61.8	48.0	72.0		





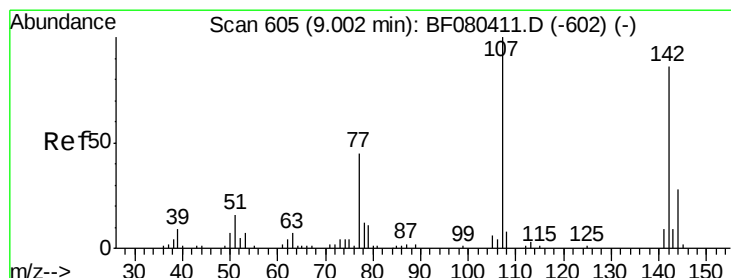
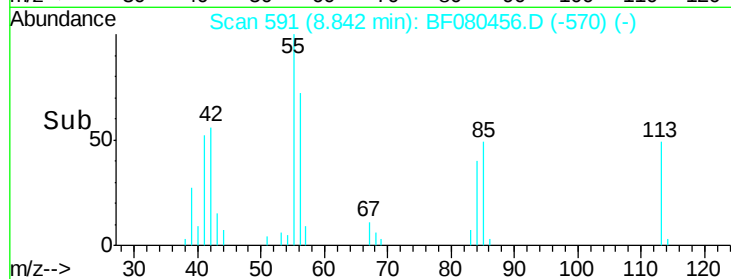
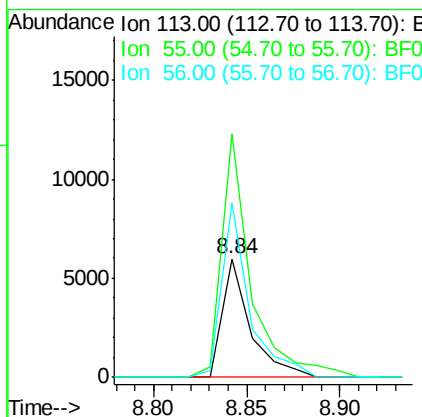
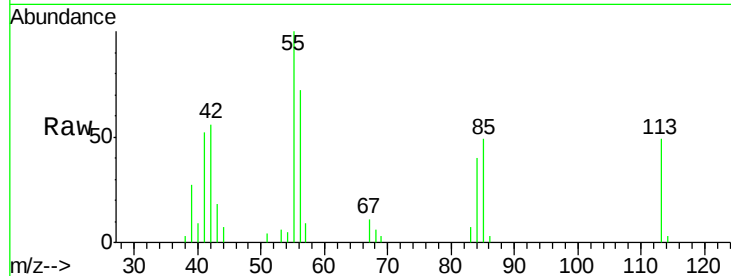
#35
 Caprolactam
 Concen: 30.20 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.06 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampled :
 PB84467BS

Tgt Ion:113 Resp: 6233
 Ion Ratio Lower Upper
 113 100
 55 205.1 214.2 254.2#
 56 147.6 156.9 196.9#

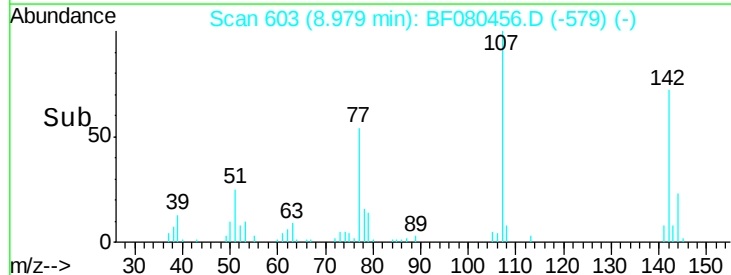
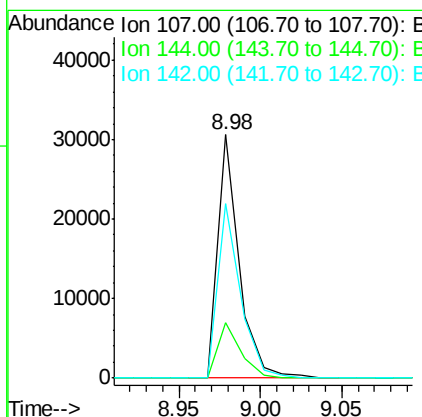
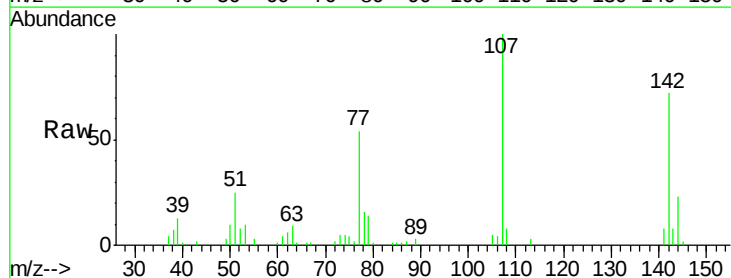
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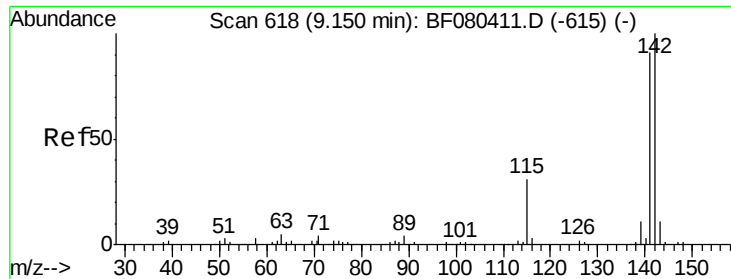
apatel
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#36
 4-Chloro-3-methylphenol
 Concen: 36.34 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:107 Resp: 27769
 Ion Ratio Lower Upper
 107 100
 144 22.8 22.6 34.0
 142 71.6 68.7 103.1





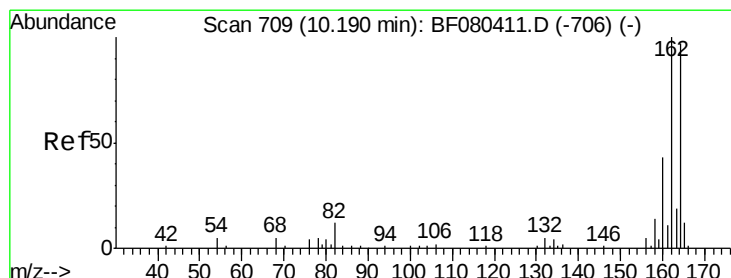
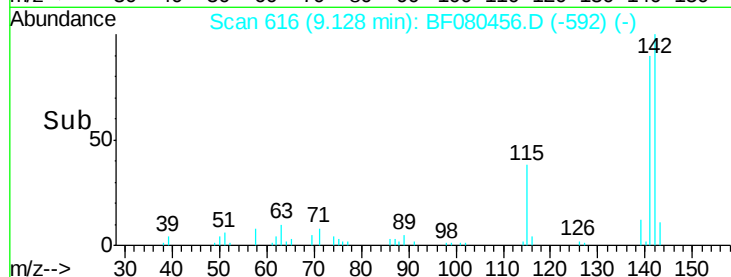
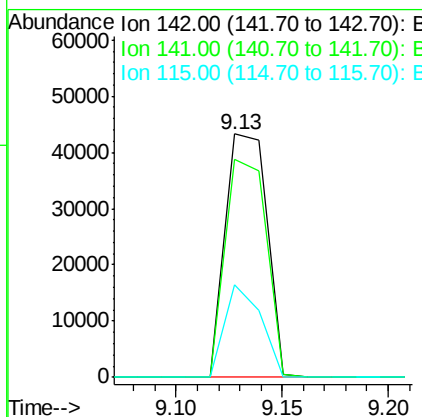
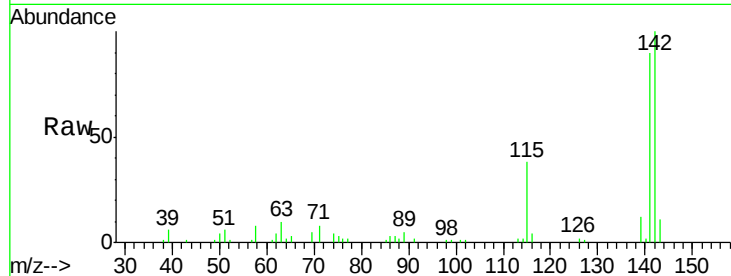
#37
 2-Methylnaphthalene
 Concen: 30.65 ng m
 RT: 9.13 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	58991		
141	89.7	73.0	109.4	
115	38.1	25.0	37.4	

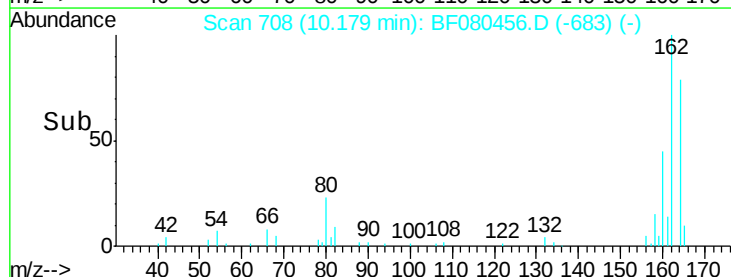
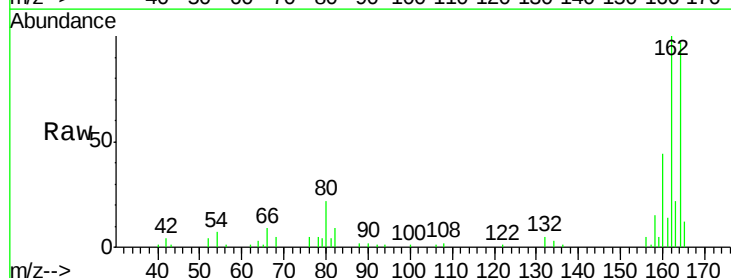
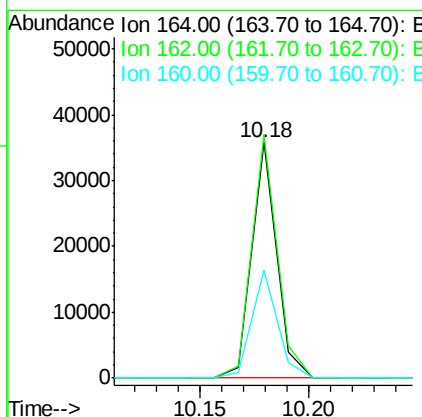
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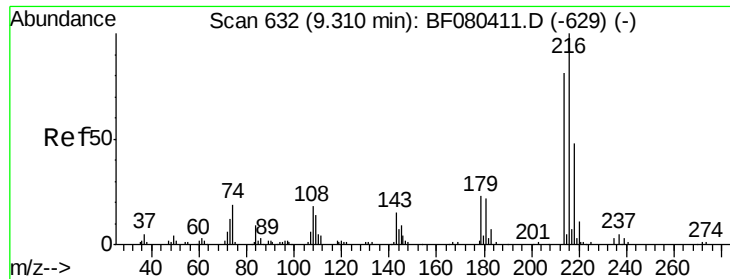
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	28372		
162	103.4	82.7	124.1	
160	45.8	35.5	53.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.18 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF080456.D

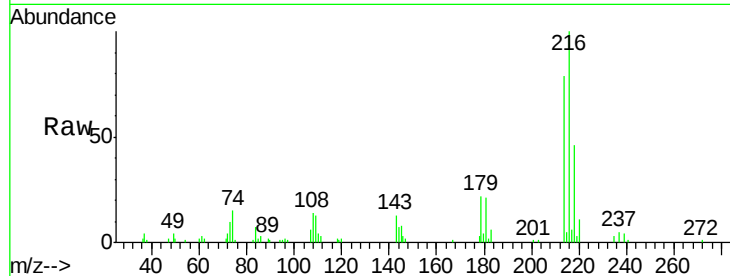
Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

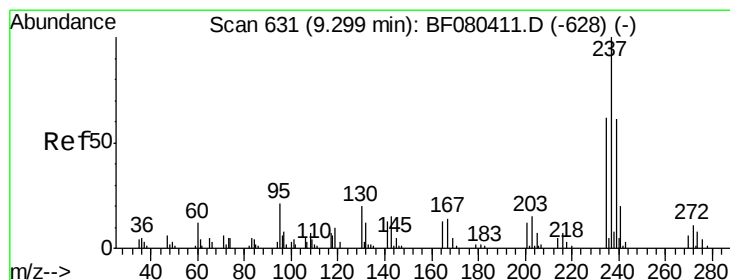
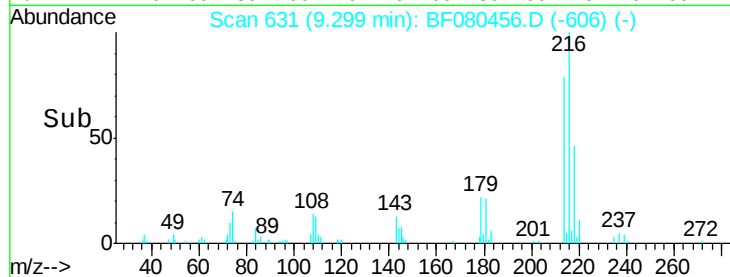
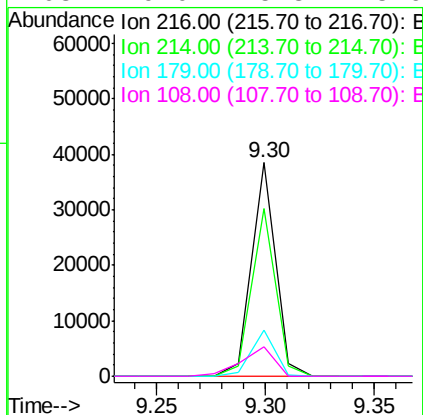
PB84467BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.6	97.0
179	21.9	17.9	26.9
108	19.0	15.8	23.6

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#40

Hexachlorocyclopentadiene

Concen: 63.75 ng

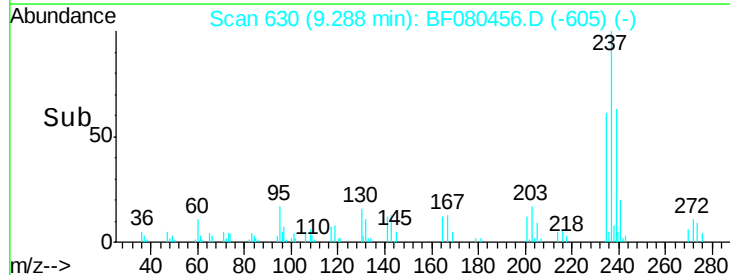
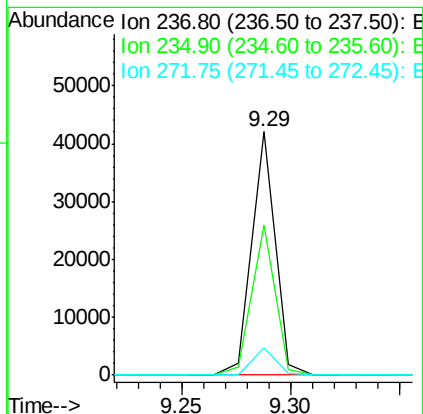
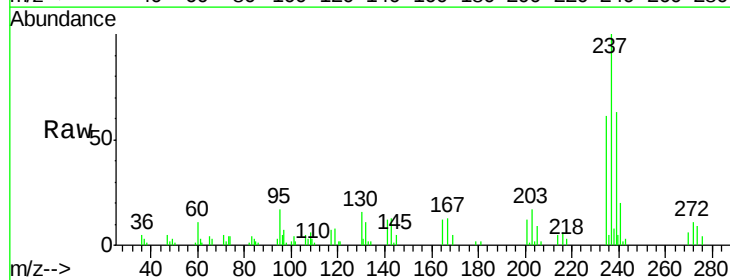
RT: 9.29 min Scan# 630

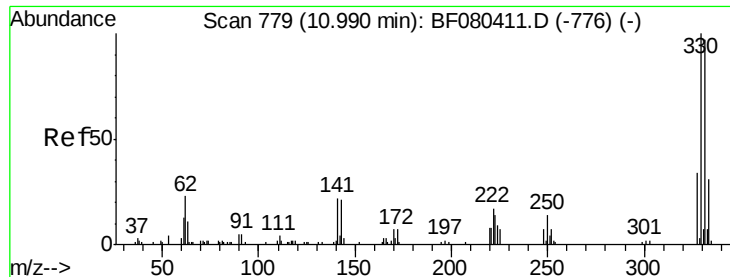
Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.5	42.4	82.4
272	11.1	0.0	31.4





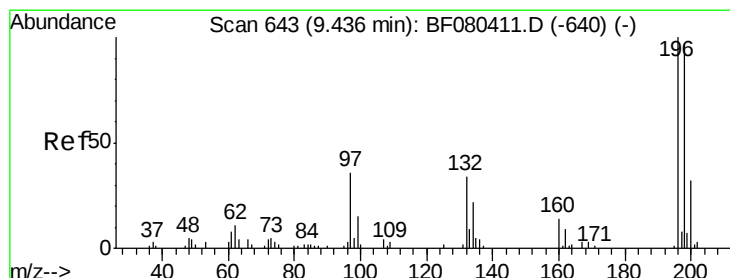
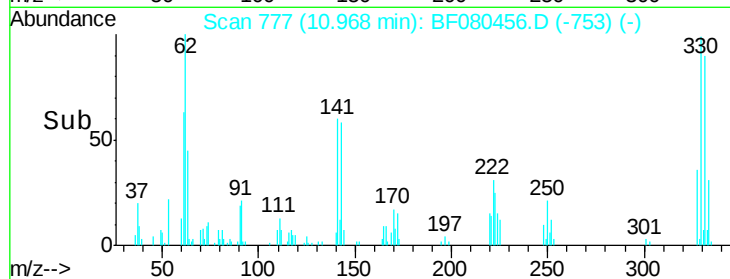
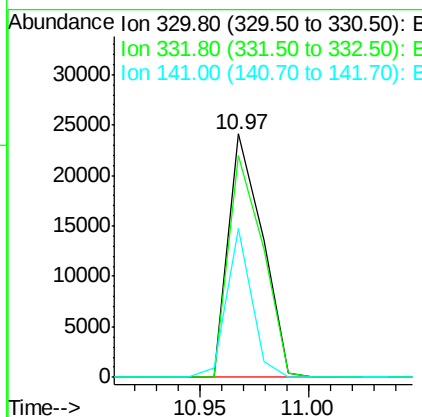
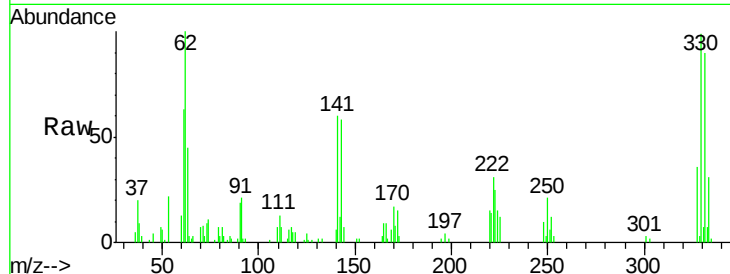
#41
 2,4,6-Tribromophenol
 Concen: 94.53 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	26177		
332	91.7	78.0	117.0	
141	45.0	28.6	43.0#	

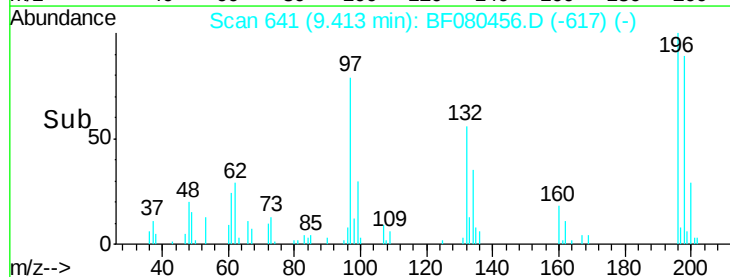
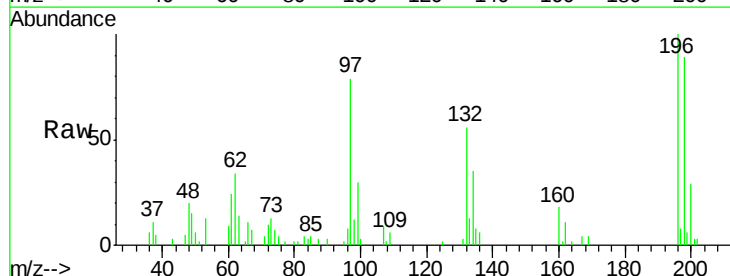
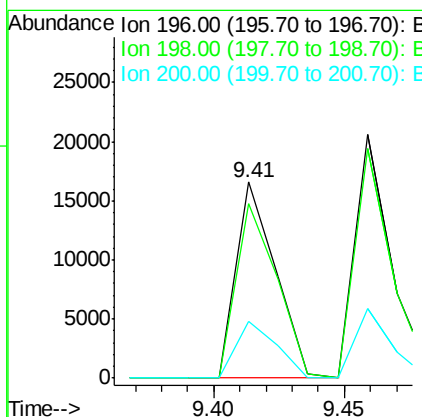
Manual Integrations
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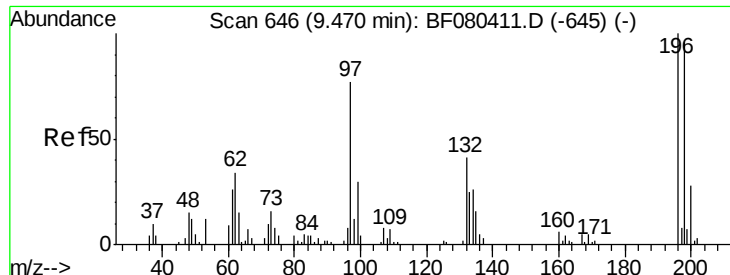
apatel
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#42
 2,4,6-Trichlorophenol
 Concen: 32.09 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

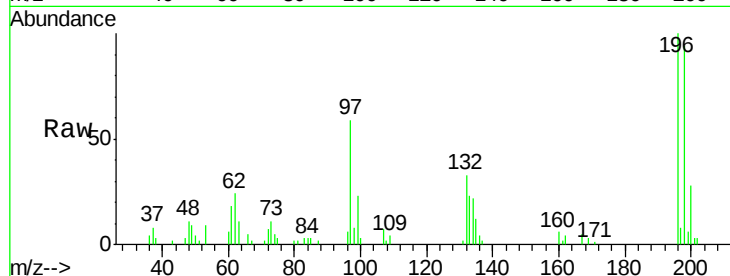
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	17546		
198	89.2	77.4	116.2	
200	28.7	25.8	38.6	





#43
 2,4,5-Trichlorophenol
 Concen: 34.09 ng
 RT: 9.46 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

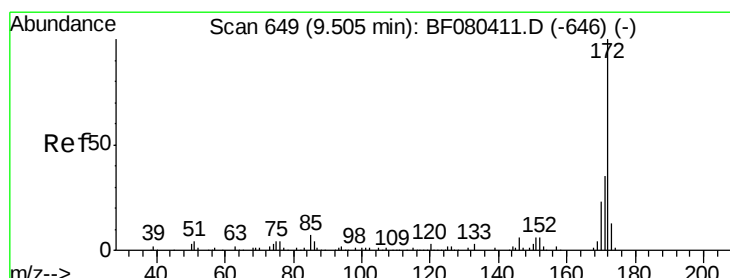
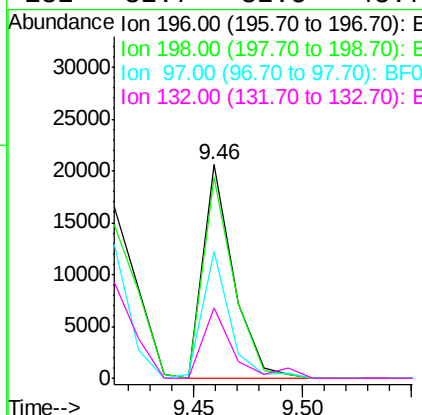
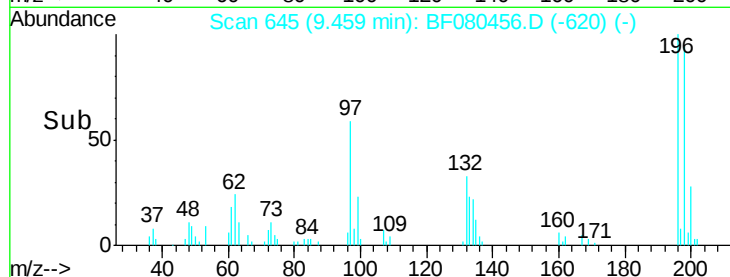
Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS



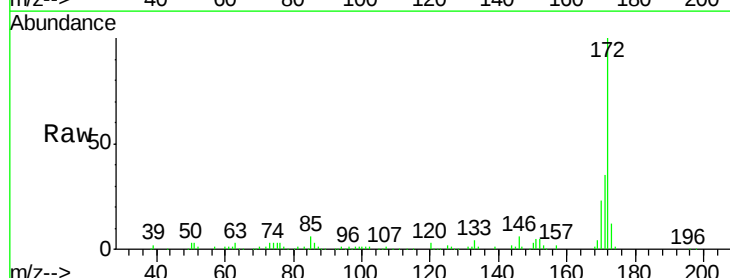
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	20002		
198	94.1	76.1	114.1	
97	59.4	62.2	93.2	
132	32.7	32.5	48.7	

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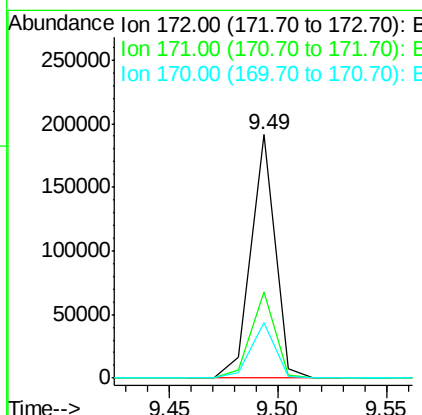
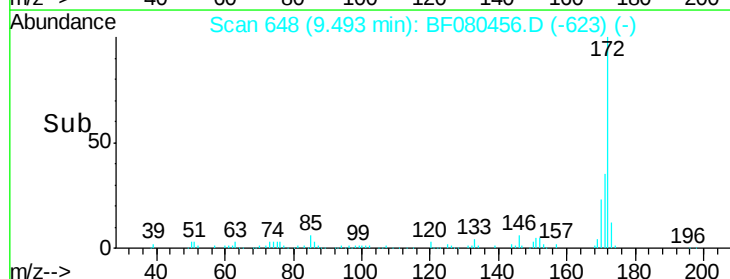
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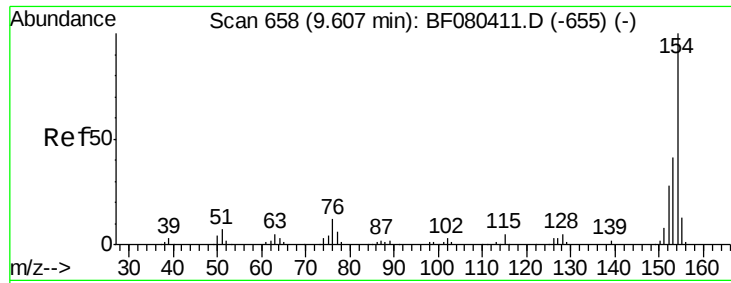


#44
 2-Fluorobiphenyl
 Concen: 69.85 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	147150		
171	35.4	28.4	42.6	
170	22.7	18.6	28.0	





#45

1,1'-Biphenyl

Concen: 32.25 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF080456.D

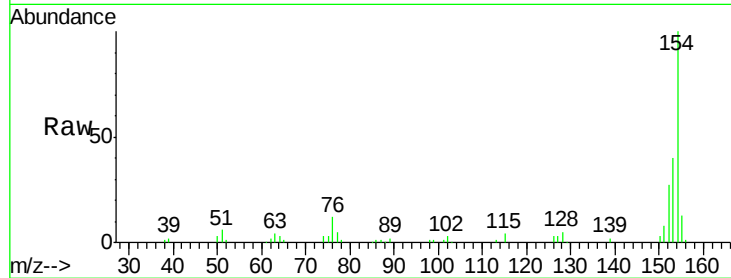
Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

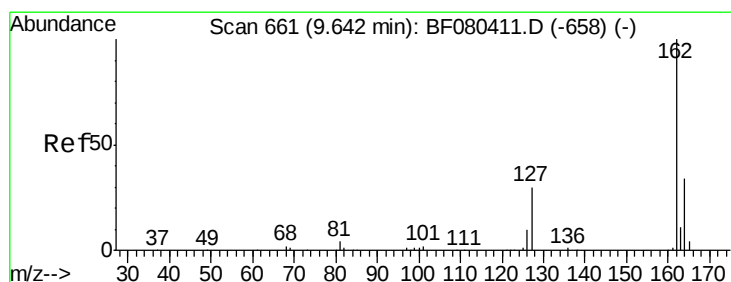
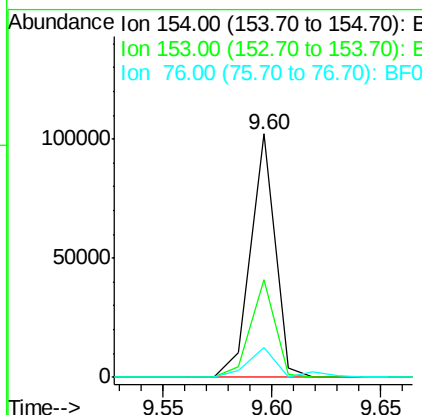
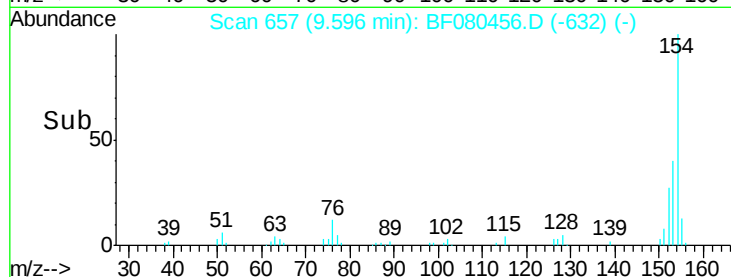
PB84467BS



Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	12.3	0.0	32.4

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#46

2-Chloronaphthalene

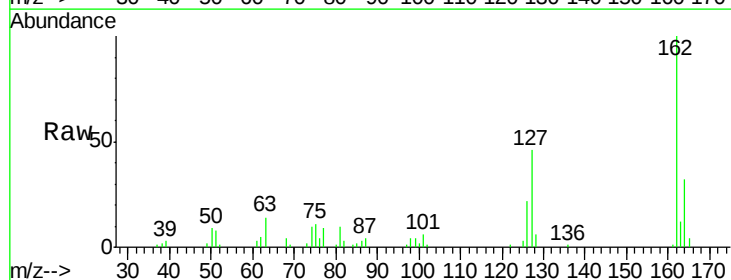
Concen: 29.71 ng

RT: 9.62 min Scan# 659

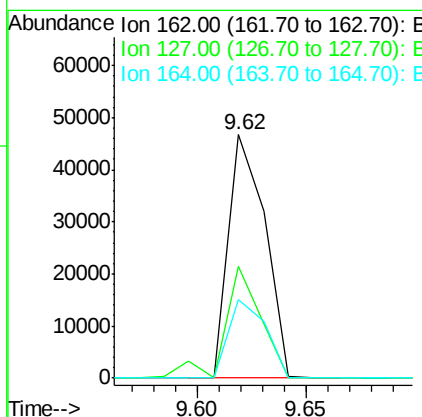
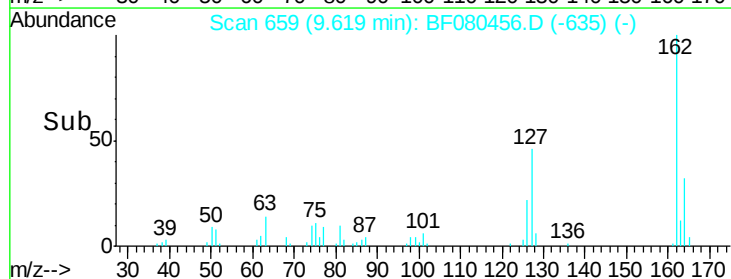
Delta R.T. -0.02 min

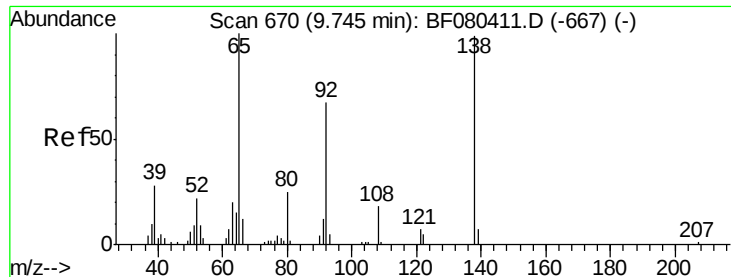
Lab File: BF080456.D

Acq: 14 Jul 2015 9:02



Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.8	28.6	42.8#
164	32.0	27.2	40.8





#47

2-Nitroaniline

Concen: 28.26 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

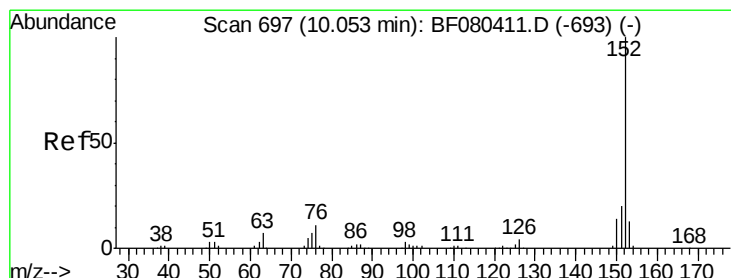
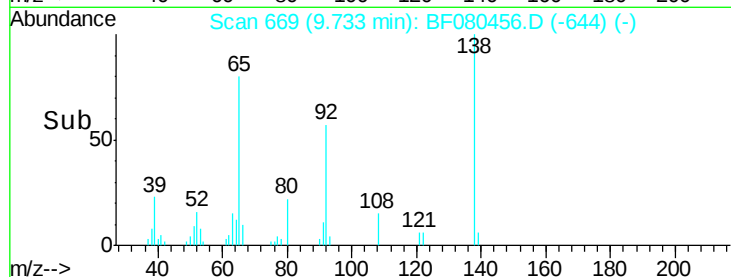
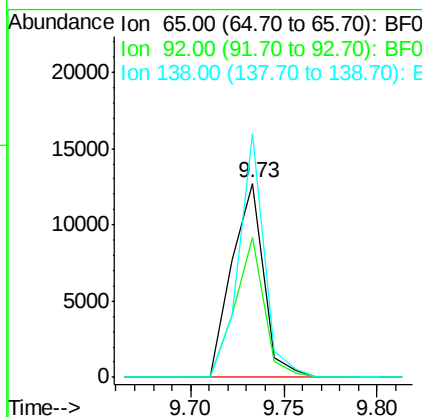
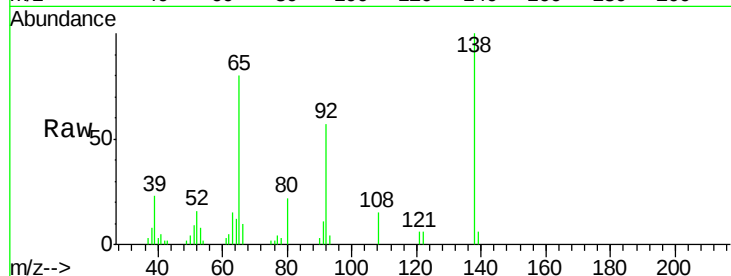
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Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	53.2	79.8
138	125.5	78.9	118.3



#48

Acenaphthylene

Concen: 32.63 ng

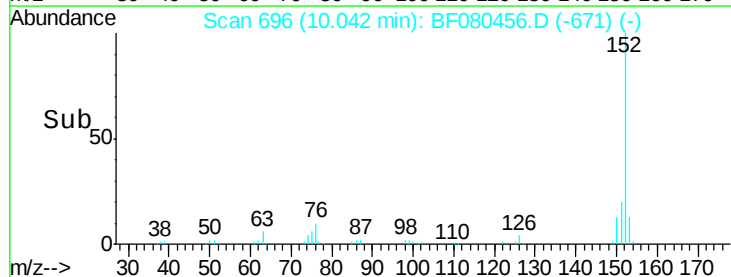
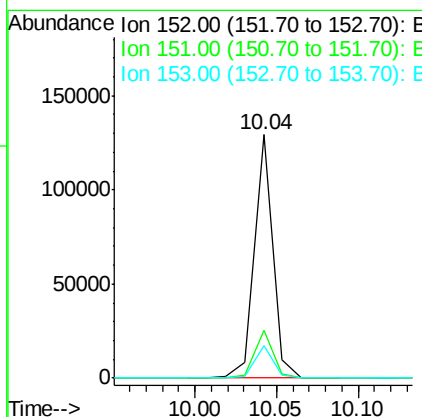
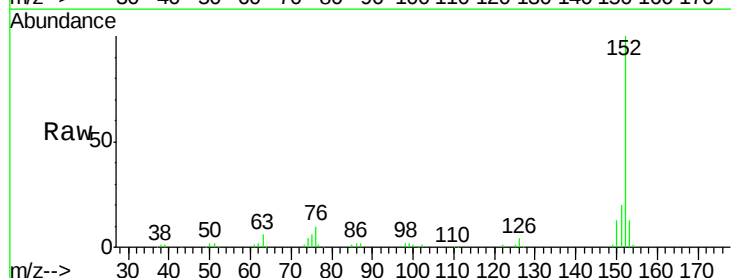
RT: 10.04 min Scan# 696

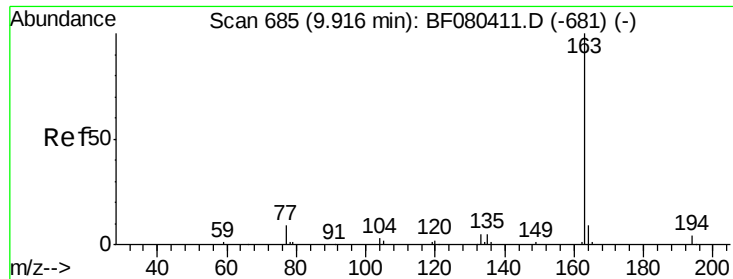
Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.4	10.2	15.4





#49

Dimethylphthalate

Concen: 32.35 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

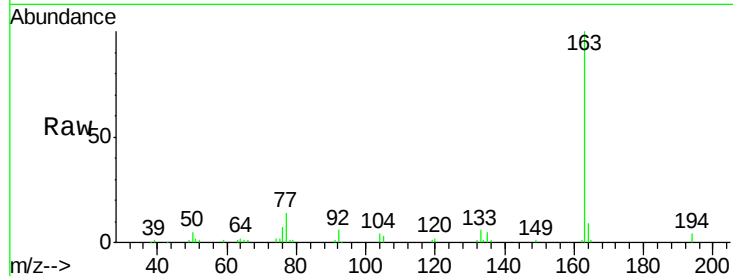
ClientSampleId :

PB84467BS

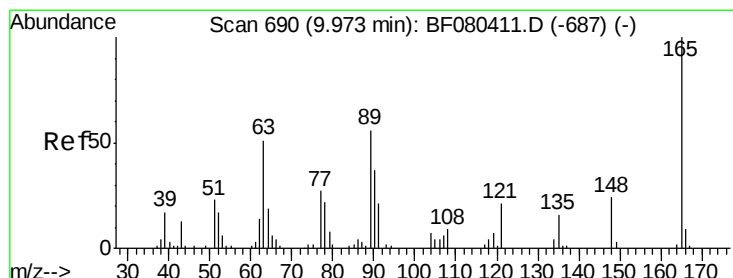
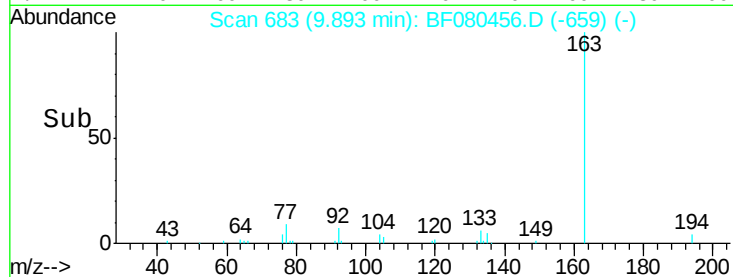
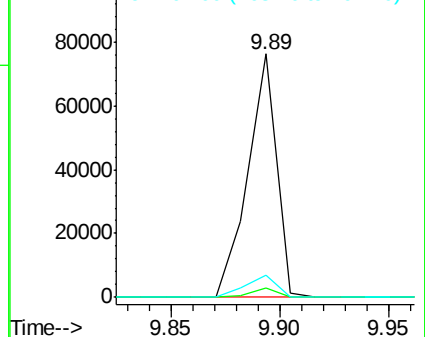
Tgt Ion:	163	Resp:	69384
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.4	5.2
164	9.1	7.4	11.0

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 26.53 ng

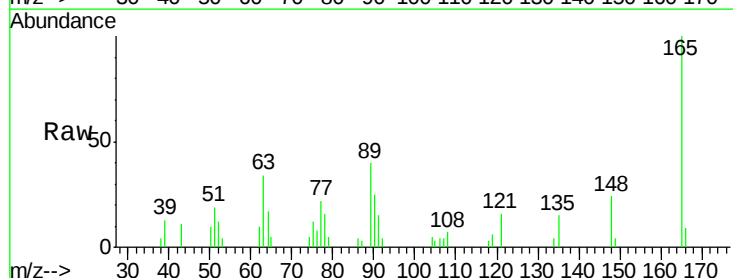
RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

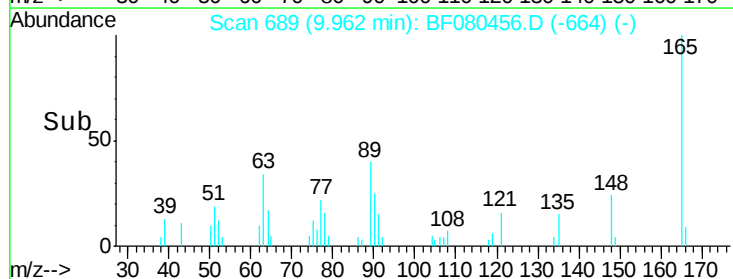
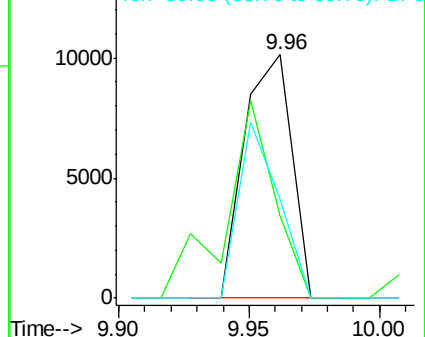
Lab File: BF080456.D

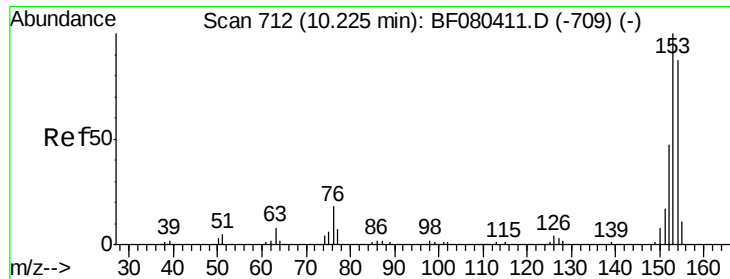
Acq: 14 Jul 2015 9:02

Tgt Ion:	165	Resp:	12769
Ion Ratio	Lower	Upper	
165	100		
63	34.0	44.5	66.7#
89	40.5	44.5	66.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.04 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF080456.D

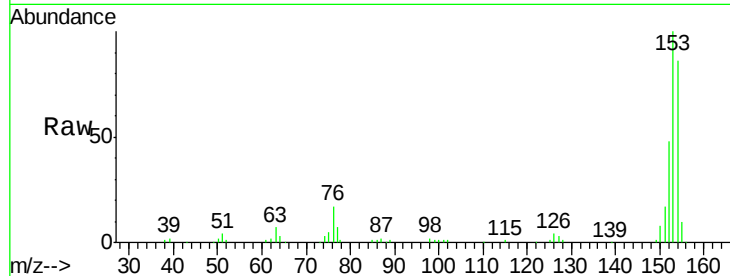
Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

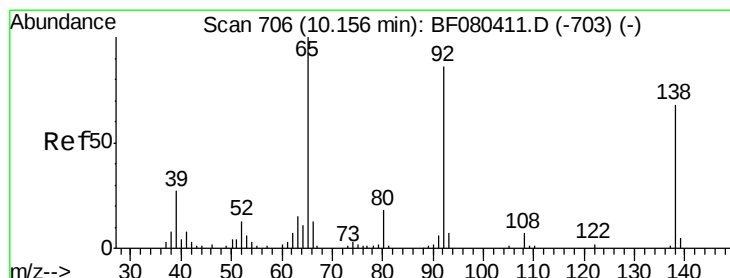
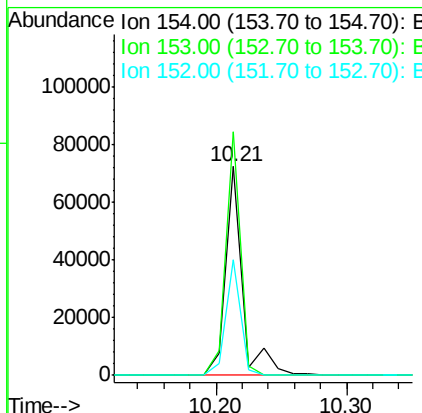
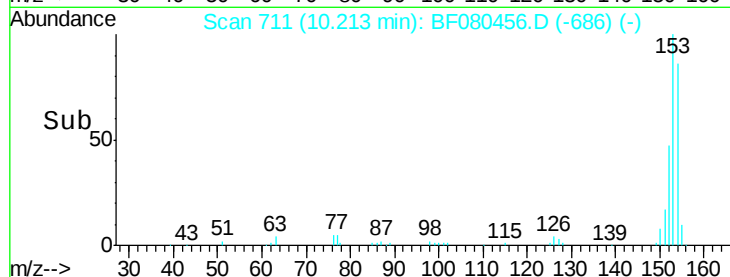
PB84467BS



Tgt Ion:	154	Resp:	65583
Ion Ratio	Lower	Upper	
154	100		
153	116.7	91.7	137.5
152	55.6	43.5	65.3

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#52

3-Nitroaniline

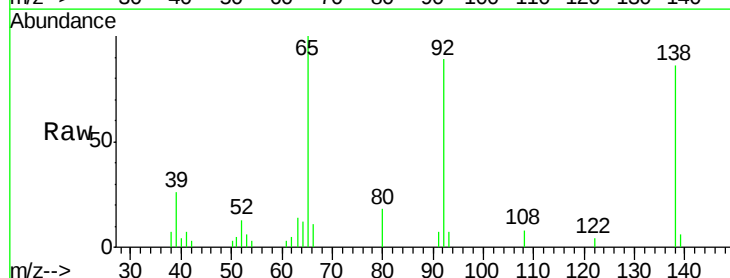
Concen: 24.41 ng

RT: 10.14 min Scan# 705

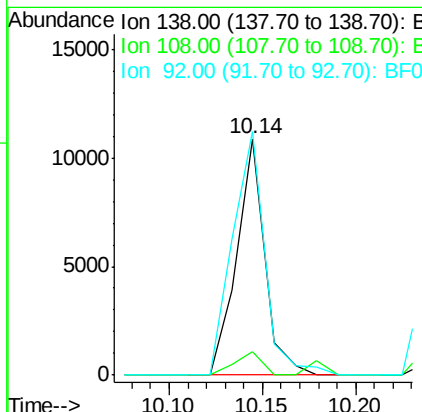
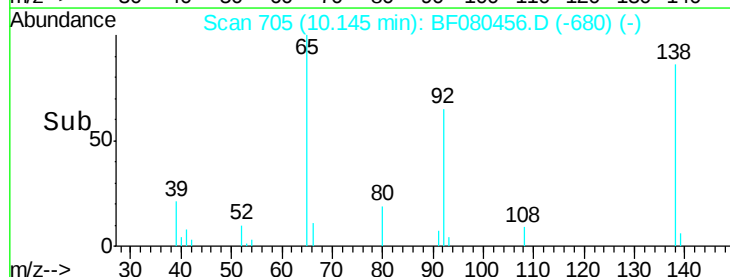
Delta R.T. -0.01 min

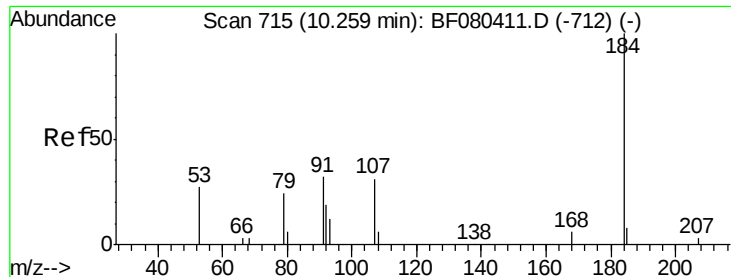
Lab File: BF080456.D

Acq: 14 Jul 2015 9:02



Tgt Ion:	138	Resp:	11471
Ion Ratio	Lower	Upper	
138	100		
108	9.7	8.4	12.6
92	103.2	101.0	151.4





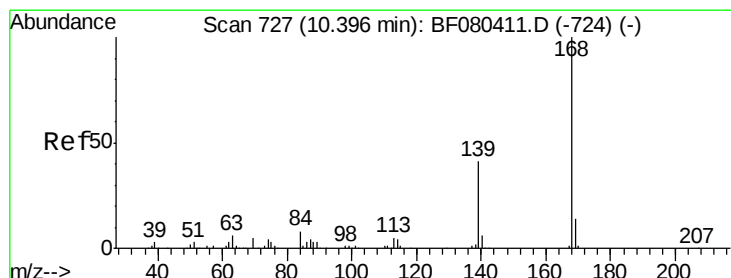
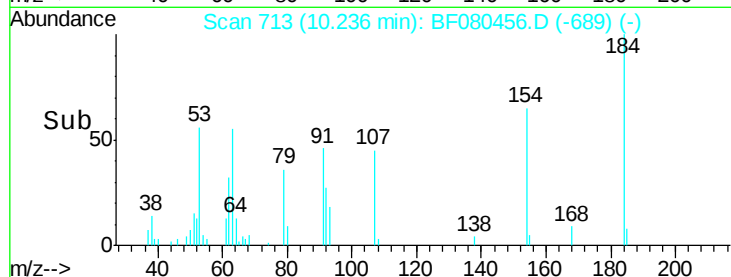
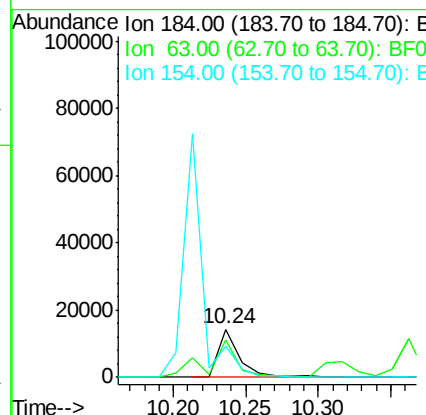
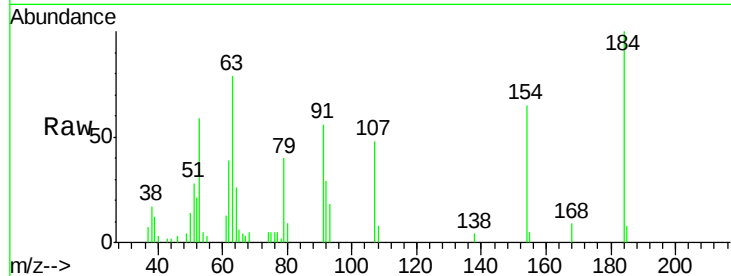
#53
2,4-Dinitrophenol
Concen: 66.89 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	14683		
63	79.0	30.8	46.2	#
154	64.8	46.8	70.2	

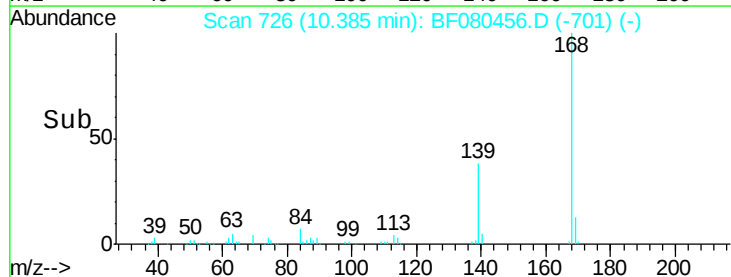
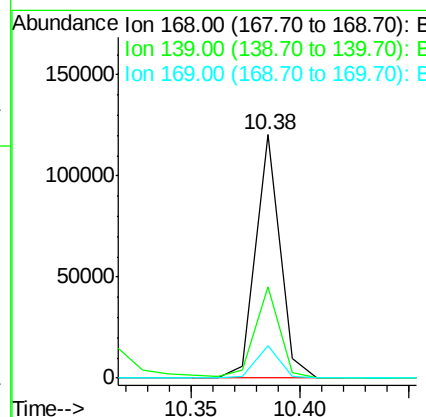
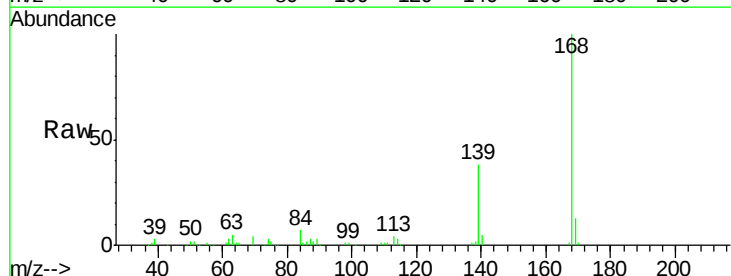
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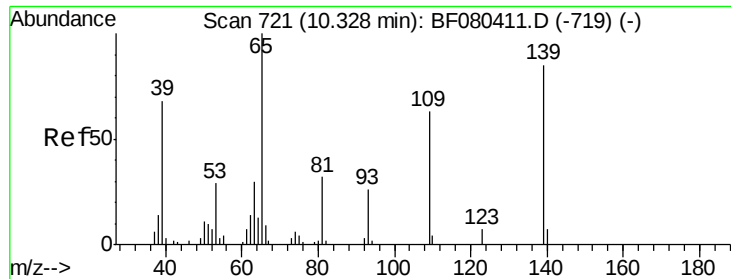
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#54
Dibenzofuran
Concen: 35.55 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	93432		
139	37.7	33.4	50.2	
169	13.1	11.1	16.7	





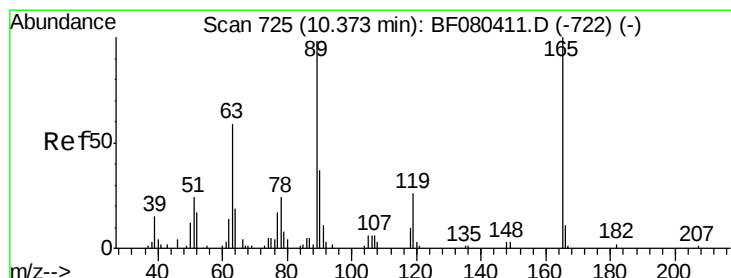
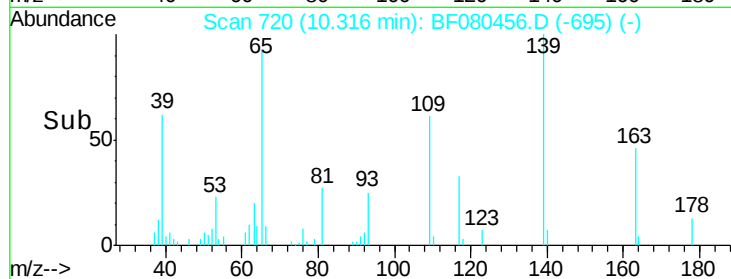
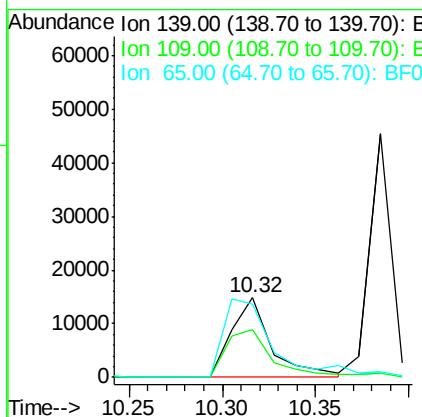
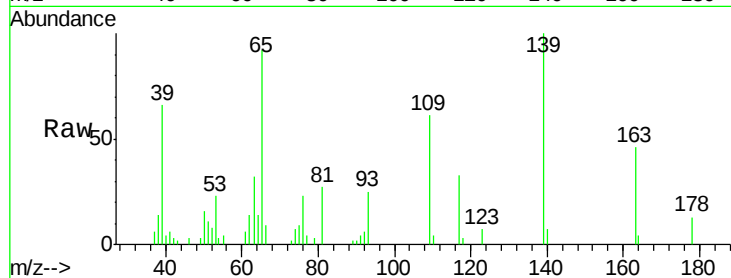
#55
4-Nitrophenol
Concen: 59.68 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	22200		
109	60.5	54.6	94.6	
65	91.6	97.8	137.8	

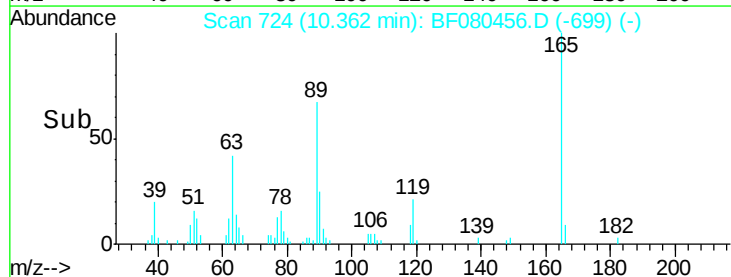
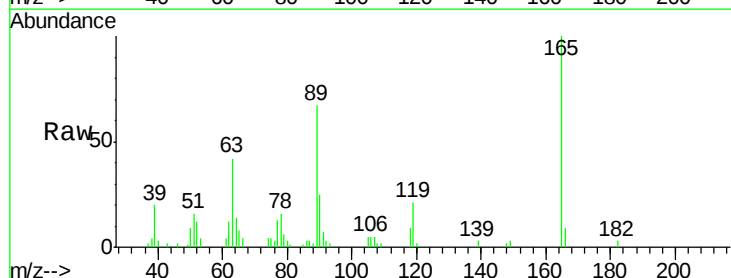
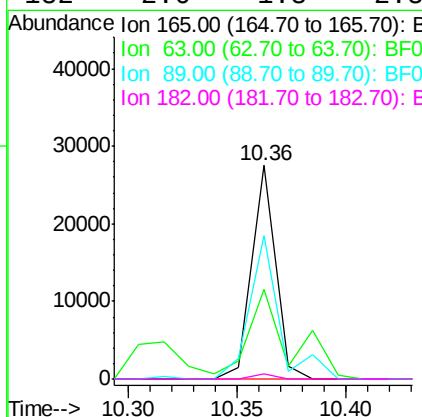
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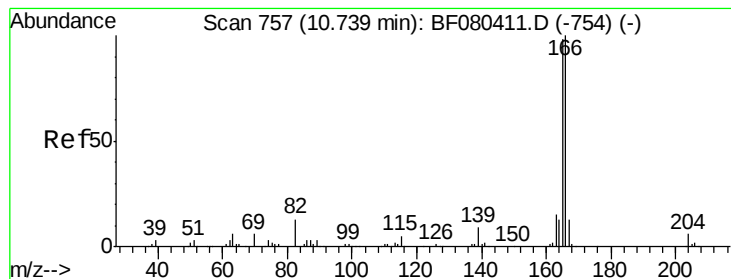
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#56
2,4-Dinitrotoluene
Concen: 37.49 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	21102		
63	42.2	51.7	77.5	
89	66.9	78.6	117.8	
182	2.6	1.8	2.8	





#57

Fluorene

Concen: 33.86 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

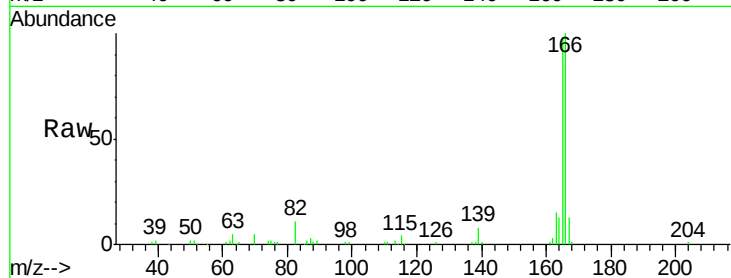
ClientSampleId :

PB84467BS

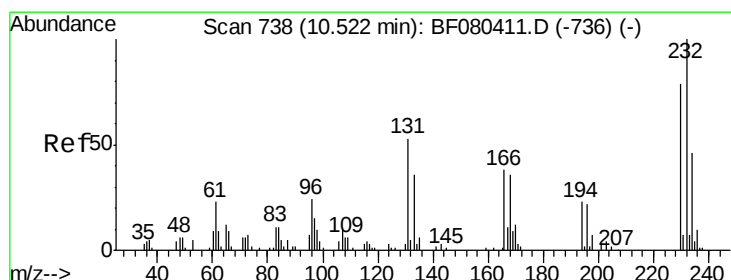
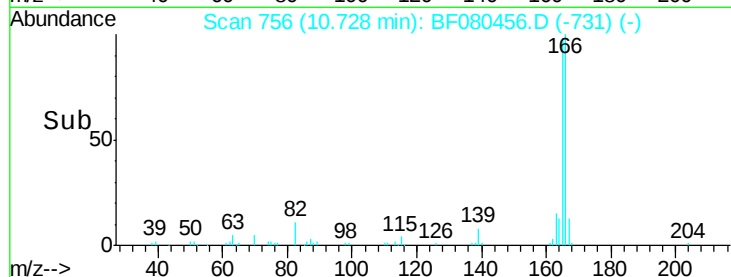
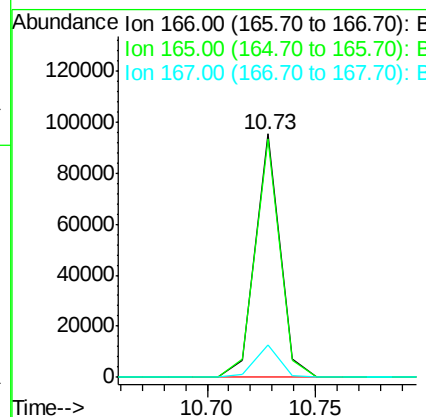
Manual Integrations
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Tgt Ion:	166	Resp:	74977
Ion Ratio	Lower	Upper	
166	100		
165	98.0	78.3	117.5
167	13.1	10.6	15.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.05 ng

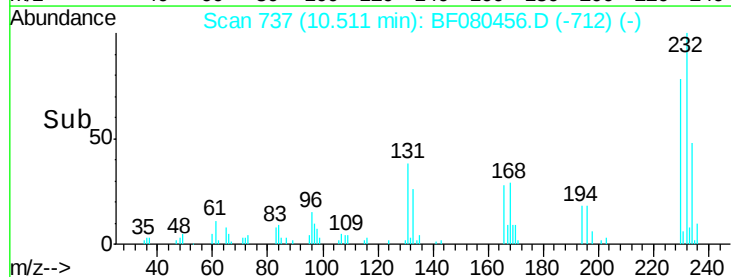
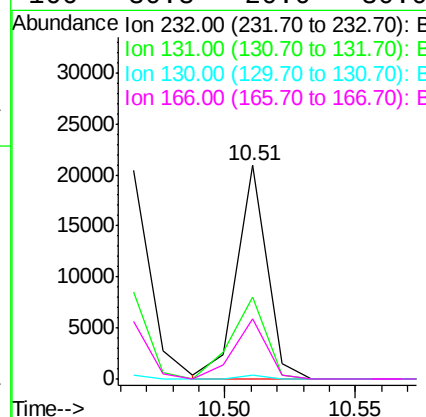
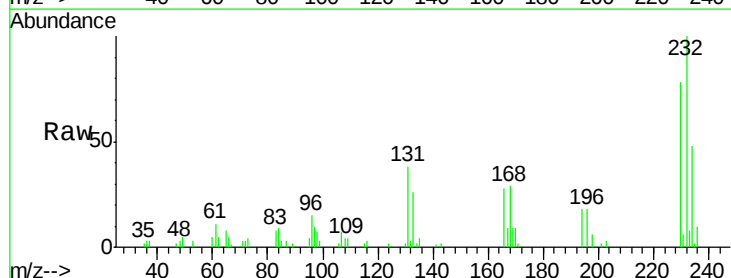
RT: 10.51 min Scan# 737

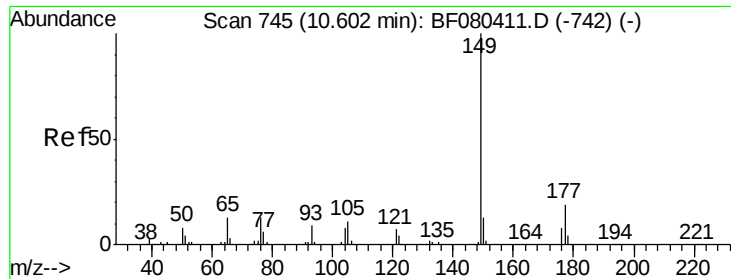
Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Tgt Ion:	232	Resp:	17014
Ion Ratio	Lower	Upper	
232	100		
131	44.4	33.0	49.4
130	1.6	1.8	2.8#
166	30.8	20.0	30.0#





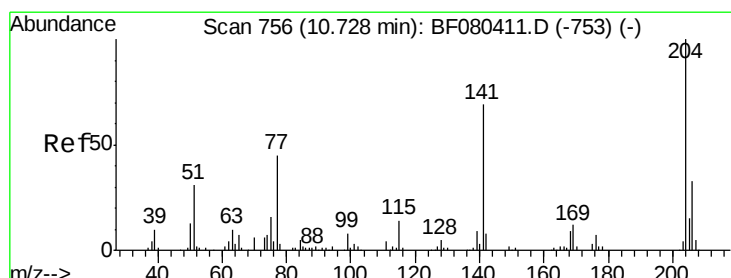
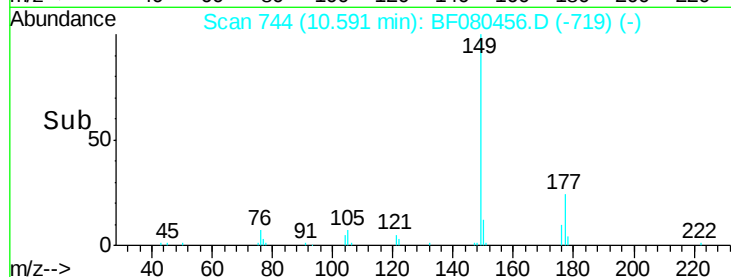
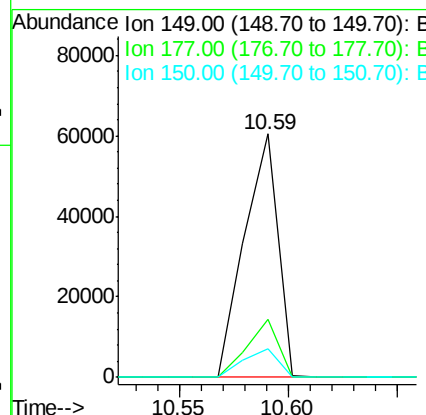
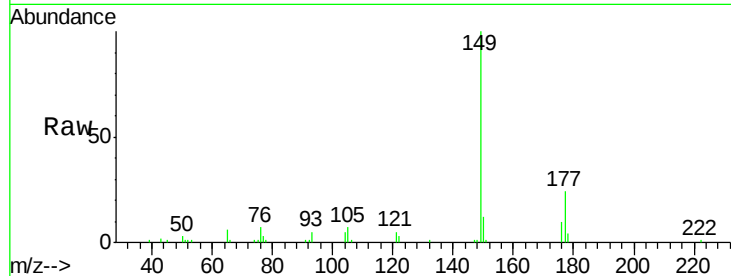
#59
Diethylphthalate
Concen: 30.79 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.9	15.4	23.2#
150	11.7	10.3	15.5

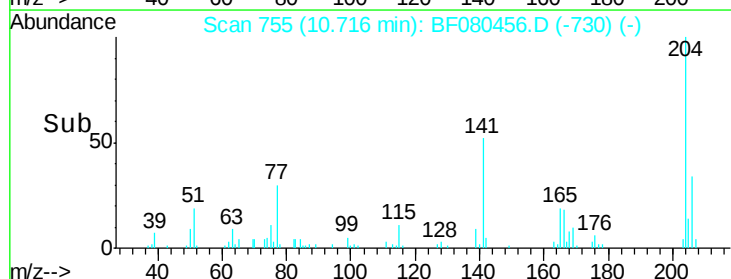
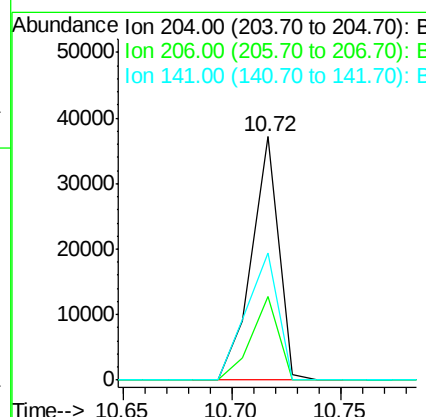
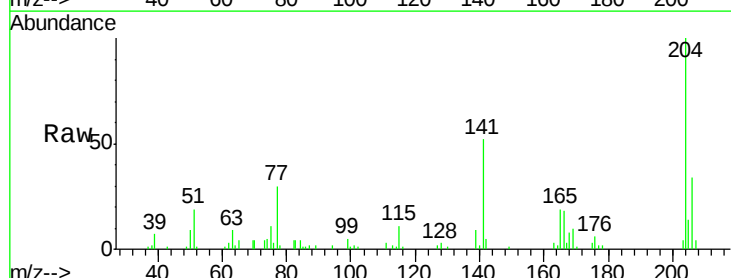
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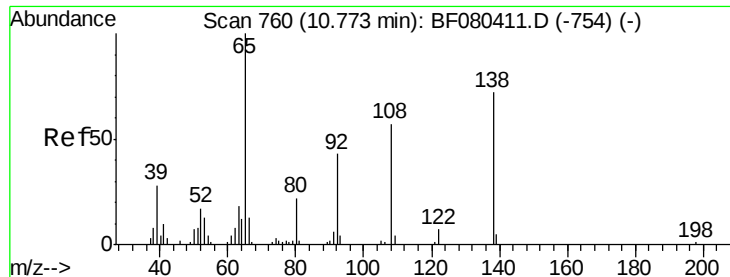
apatel
7/15/2015 8:28:12 AM



#60
4-Chlorophenyl-phenylether
Concen: 30.17 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	34.4	26.8	40.2
141	52.4	55.1	82.7#





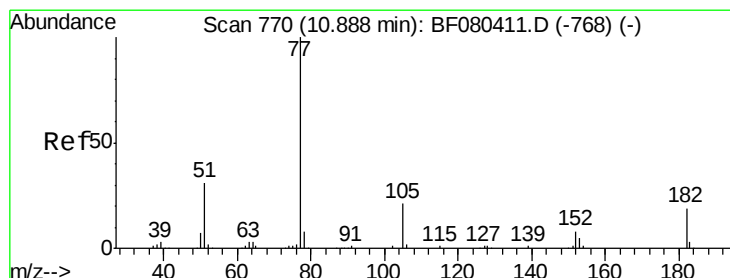
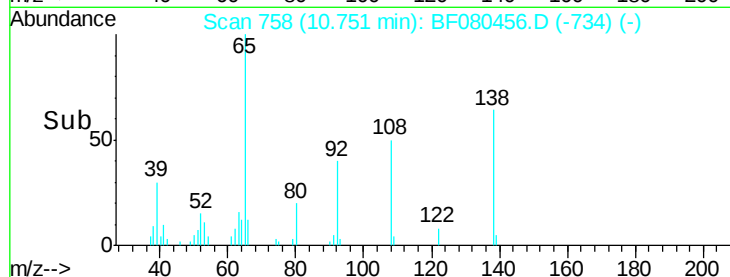
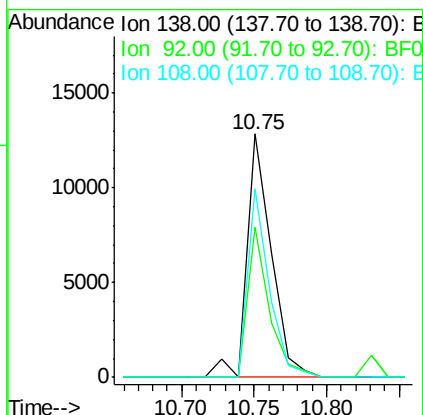
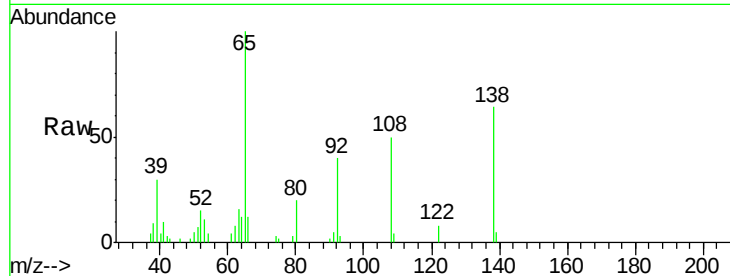
#61
4-Nitroaniline
Concen: 32.08 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.8	39.0	79.0
108	77.5	59.4	99.4

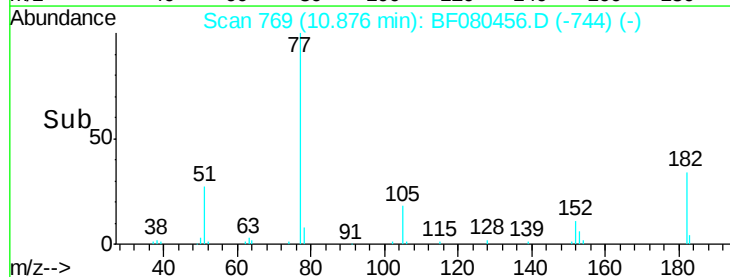
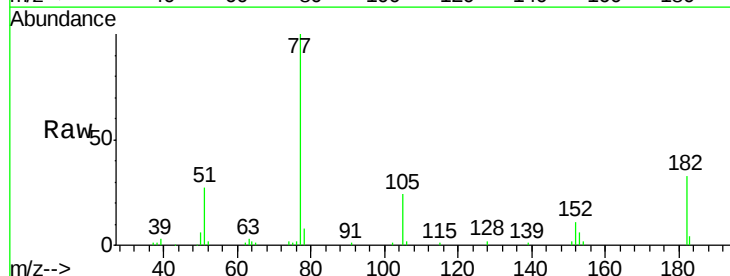
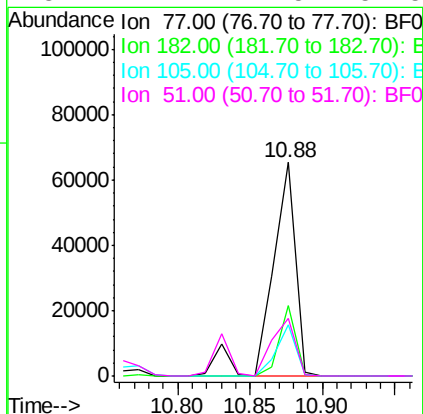
Manual Integrations
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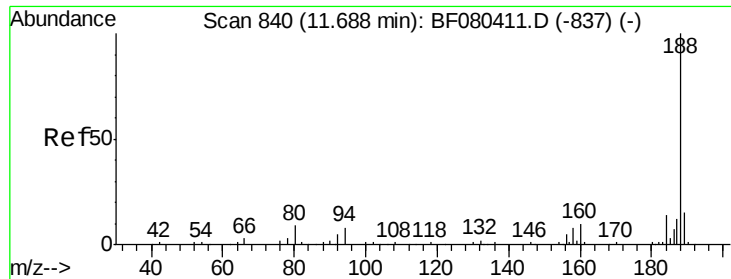
apatel
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#62
Azobenzene
Concen: 32.71 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.9	0.0	39.4
105	24.0	0.6	40.6
51	27.2	11.5	51.5





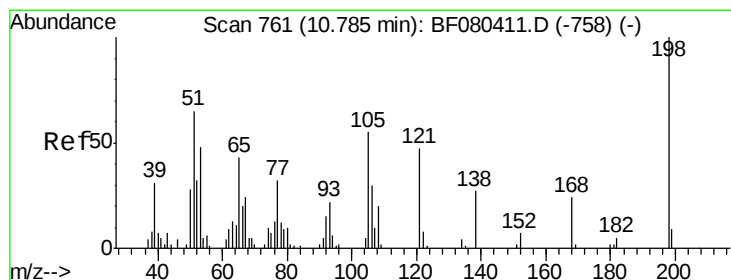
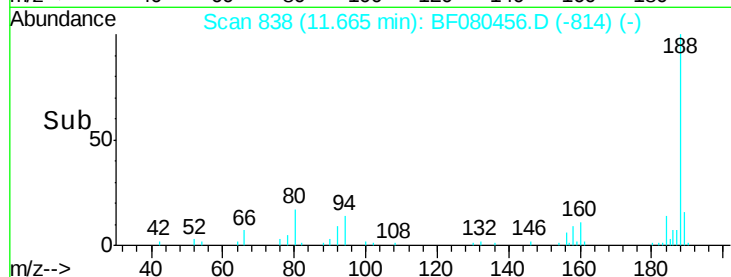
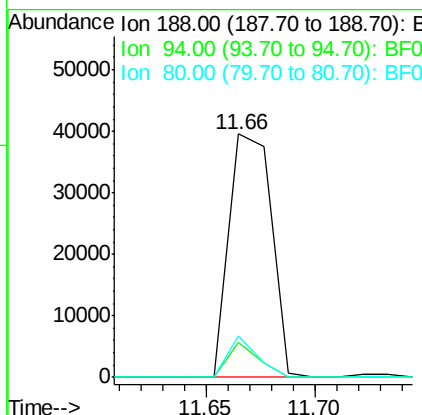
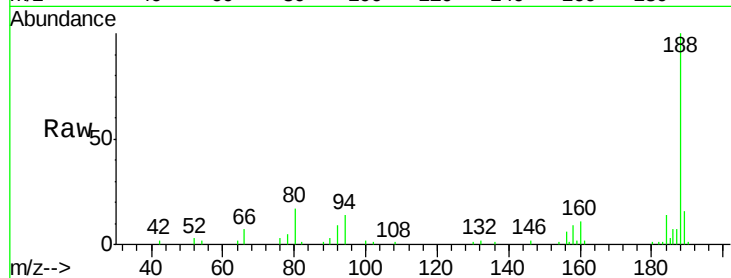
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	14.1	6.7	10.1#
80	16.9	7.5	11.3#

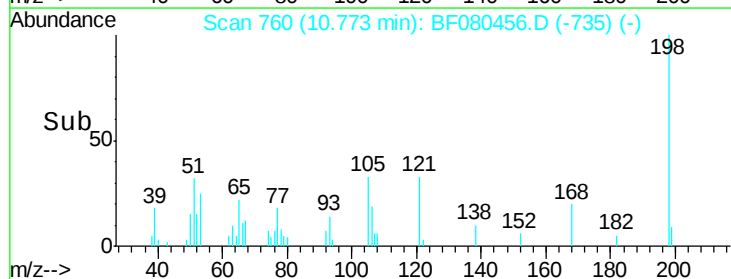
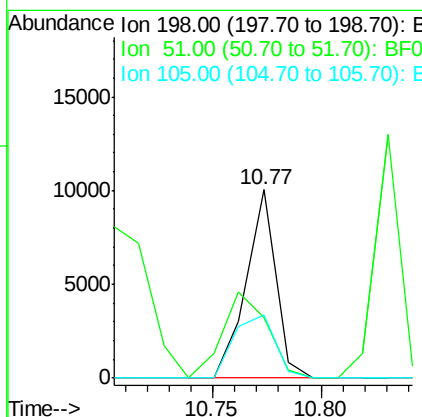
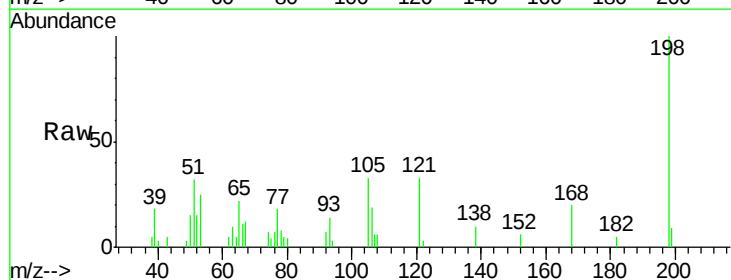
Manual Integrations
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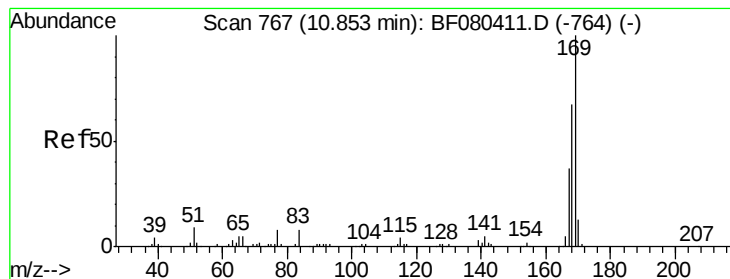
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.31 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	32.3	47.2	87.2#
105	33.2	34.7	74.7#





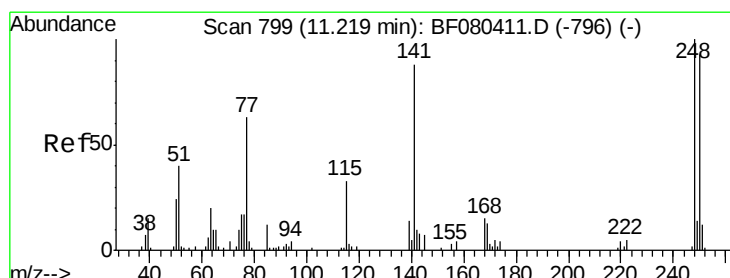
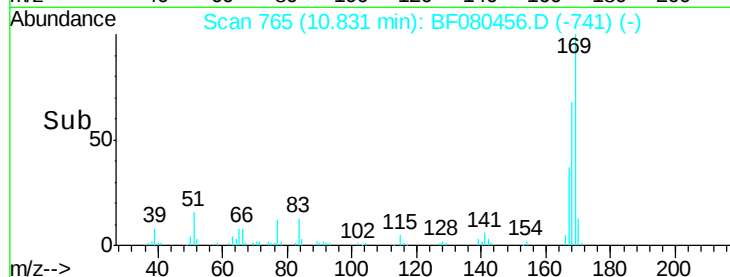
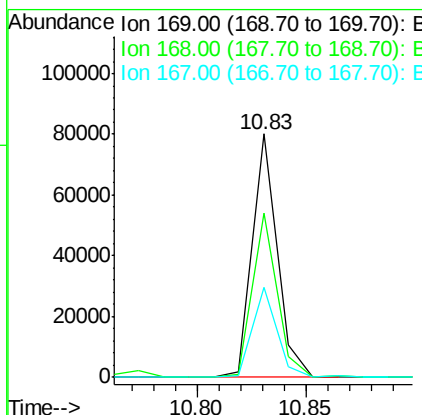
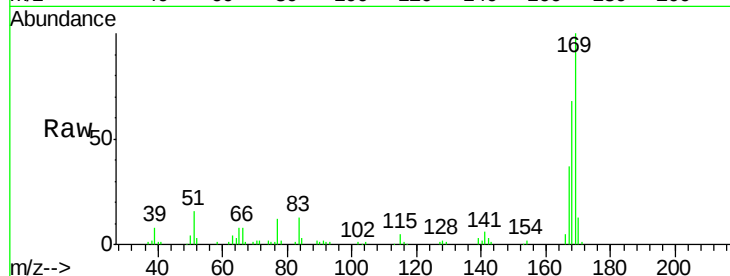
#65
 n-Nitrosodiphenylamine
 Concen: 38.16 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	63415		
168	67.7	53.5	80.3	
167	36.8	29.4	44.2	

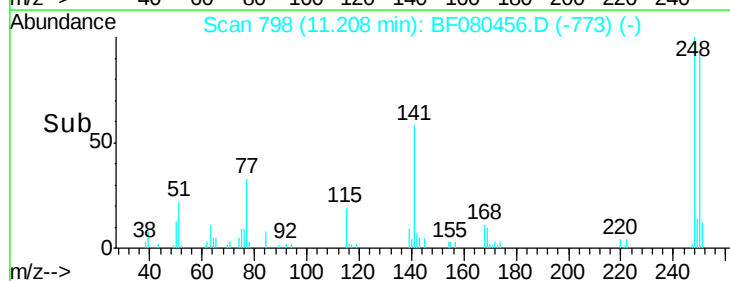
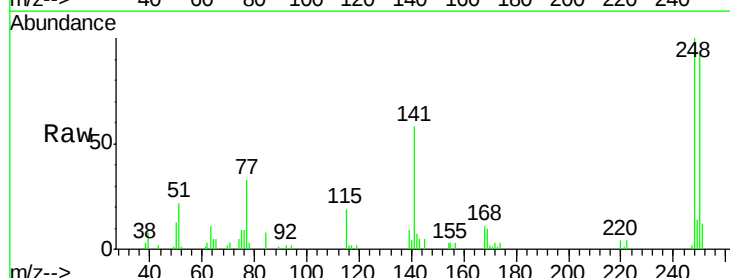
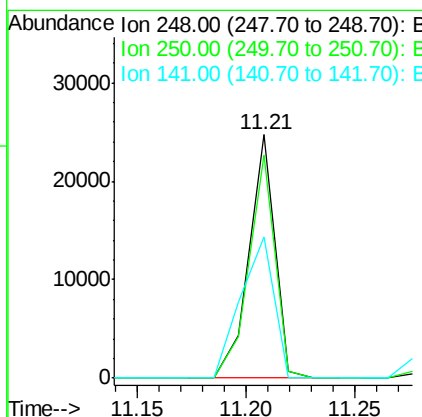
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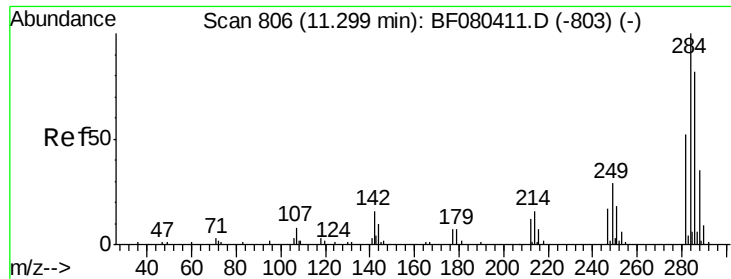
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#66
 4-Bromophenyl-phenylether
 Concen: 36.00 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	20455		
250	91.8	74.2	111.4	
141	58.2	70.7	106.1	





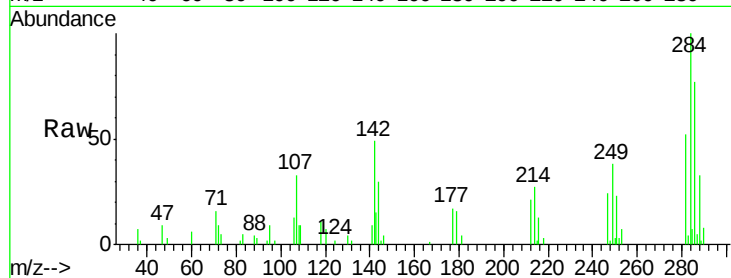
#67
Hexachlorobenzene
Concen: 33.93 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

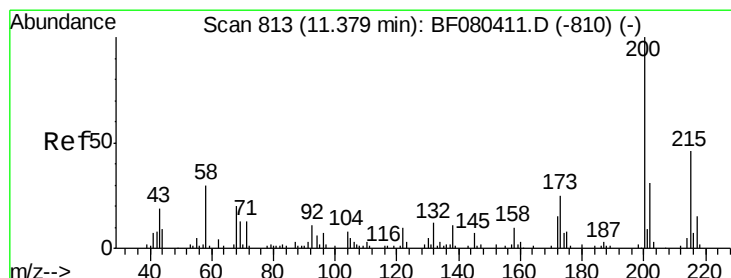
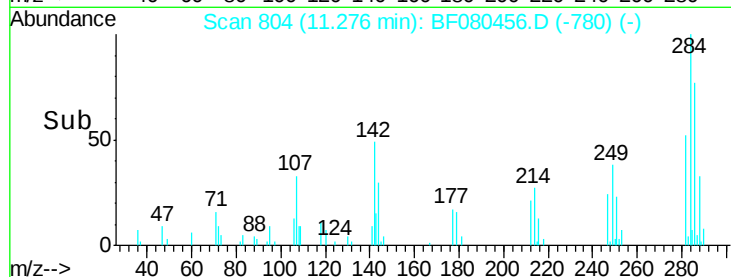
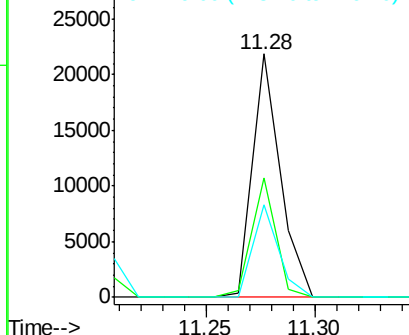
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	49.1	12.9	19.3#
249	38.3	23.5	35.3#

Manual Integrations
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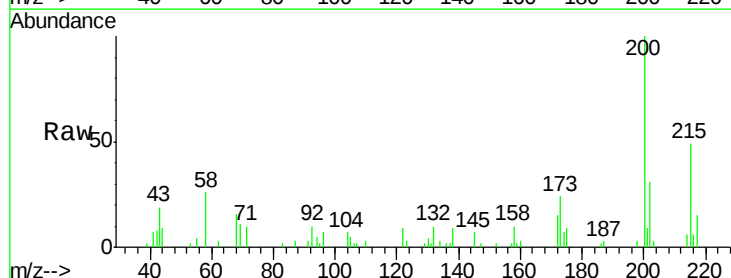


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

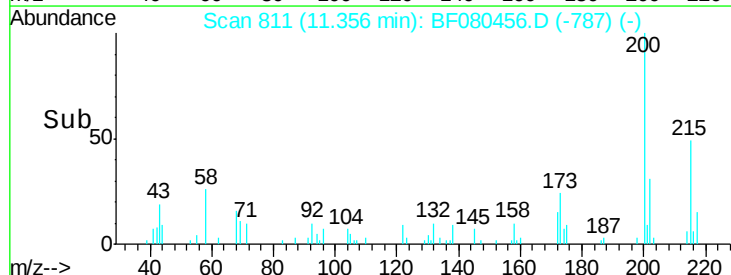
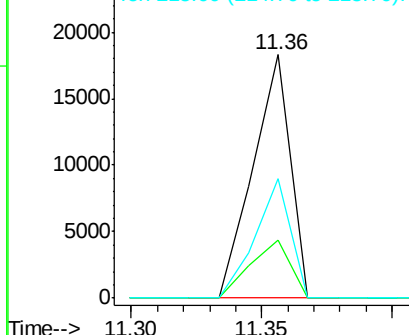


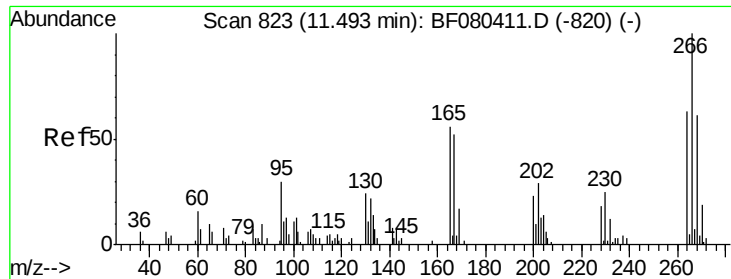
#68
Atrazine
Concen: 35.52 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.9	5.5	45.5
215	48.9	25.8	65.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





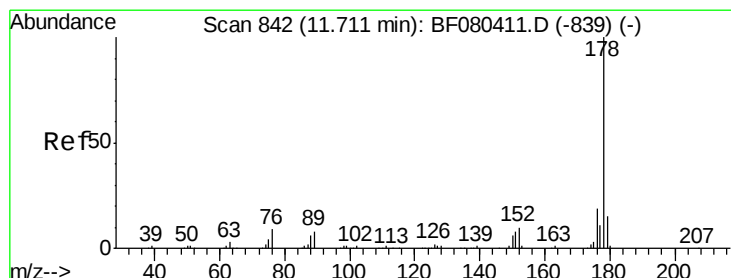
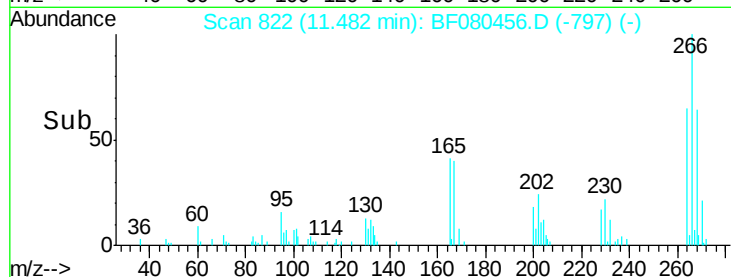
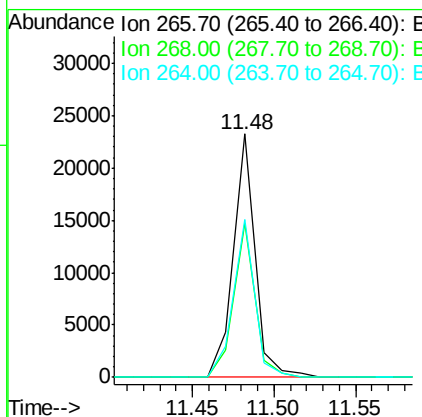
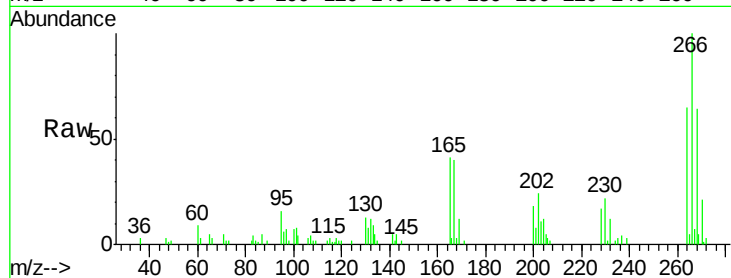
#69
 Pentachlorophenol
 Concen: 65.40 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	21309		
268	63.5	48.5	72.7	
264	64.9	50.2	75.2	

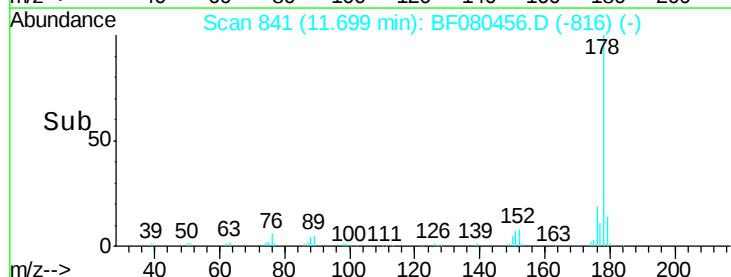
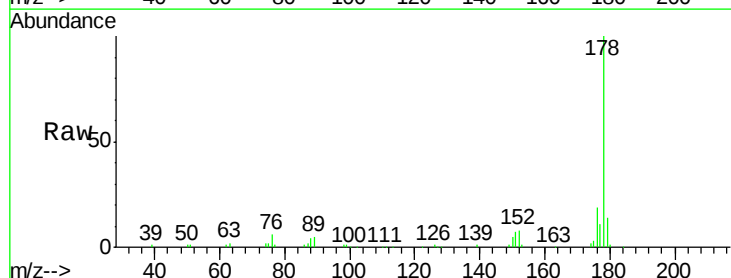
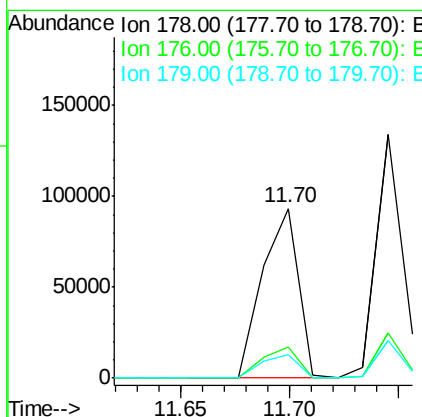
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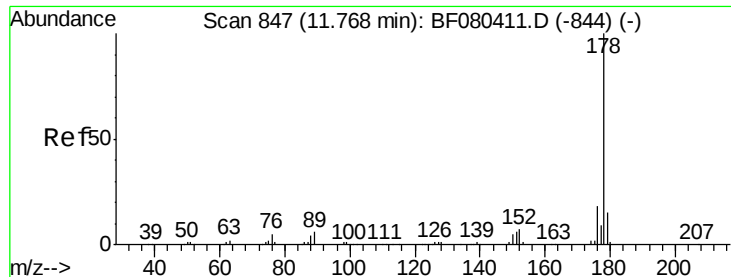
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#70
 Phenanthrene
 Concen: 33.69 ng
 RT: 11.70 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	107926		
176	18.6	15.2	22.8	
179	14.2	12.4	18.6	





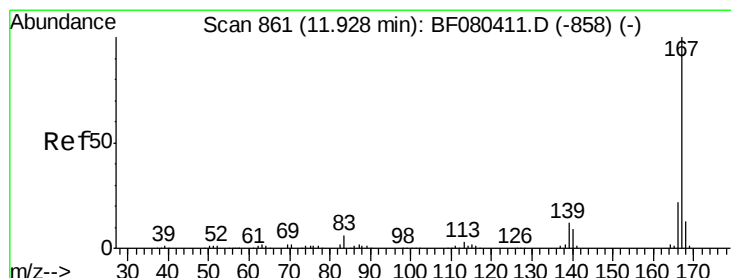
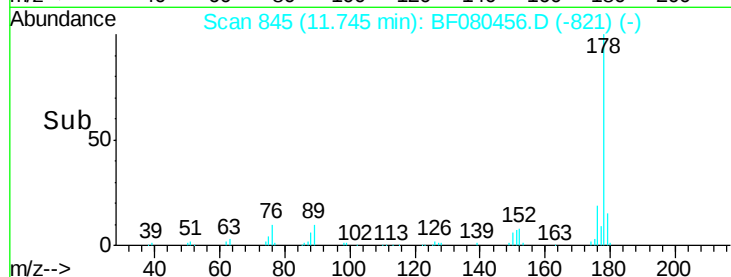
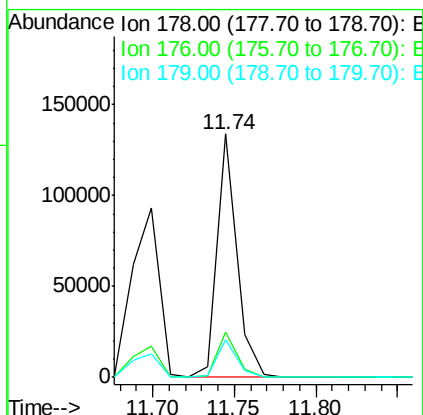
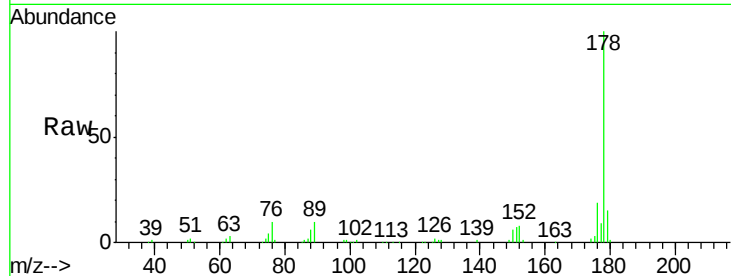
#71
 Anthracene
 Concen: 38.41 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.2	21.4
179	15.4	11.6	17.4

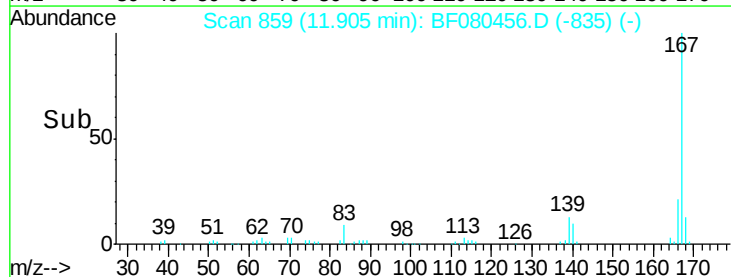
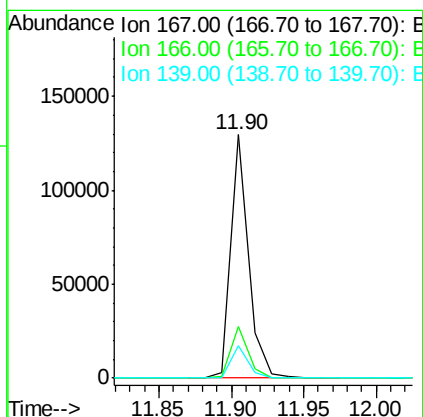
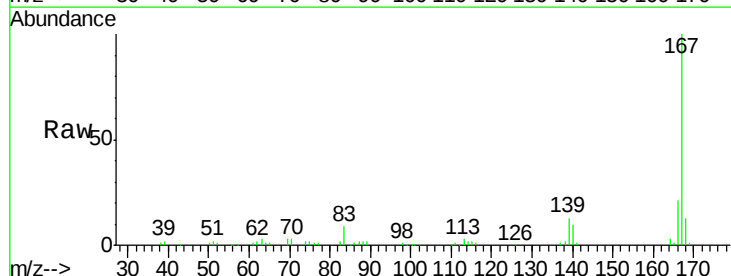
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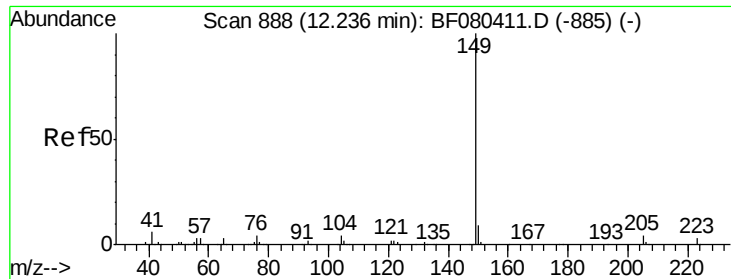
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#72
 Carbazole
 Concen: 39.94 ng
 RT: 11.90 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.2
139	13.3	9.5	14.3





#73

Di-n-butylphthalate

Concen: 40.78 ng

RT: 12.21 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

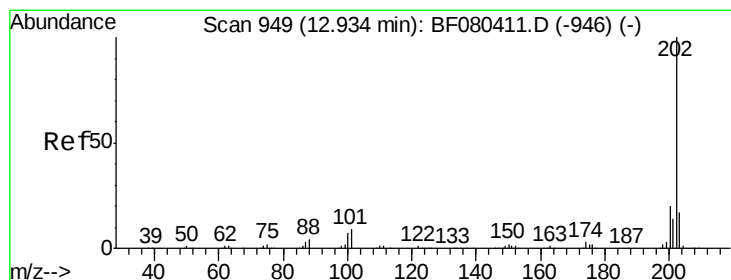
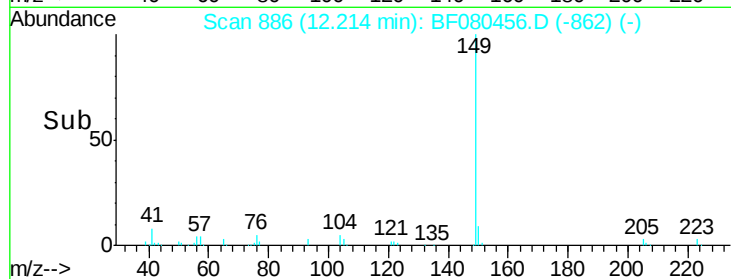
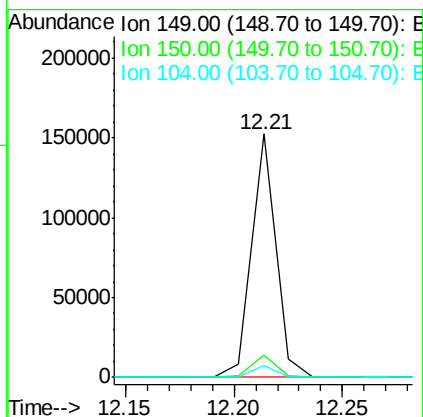
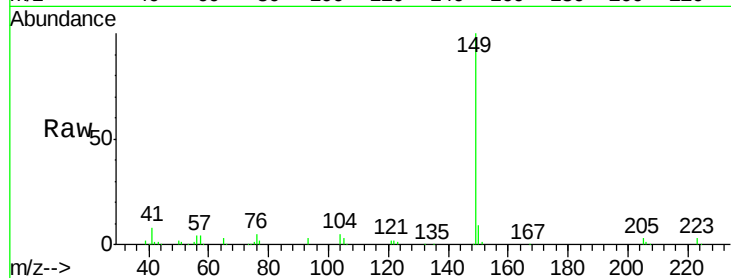
ClientSampleId :

PB84467BS

Tgt Ion:	149	Resp:	118024
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.0
104	4.7	3.5	5.3

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#74

Fluoranthene

Concen: 37.16 ng

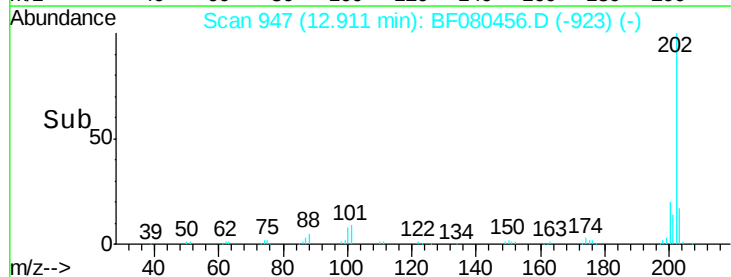
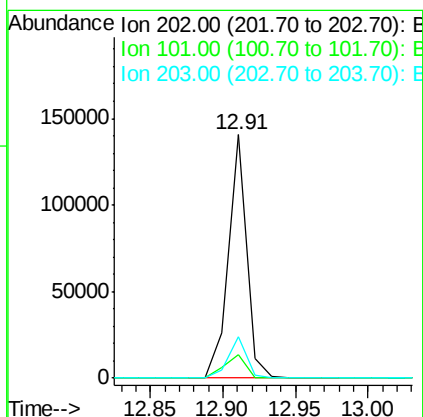
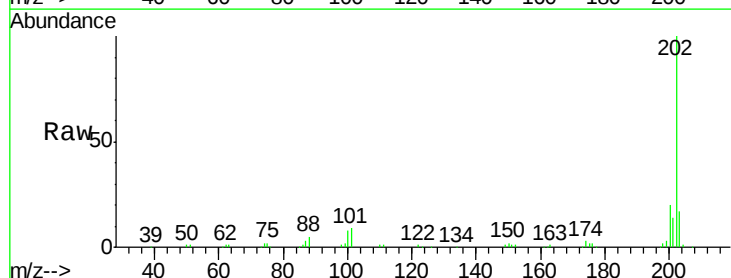
RT: 12.91 min Scan# 947

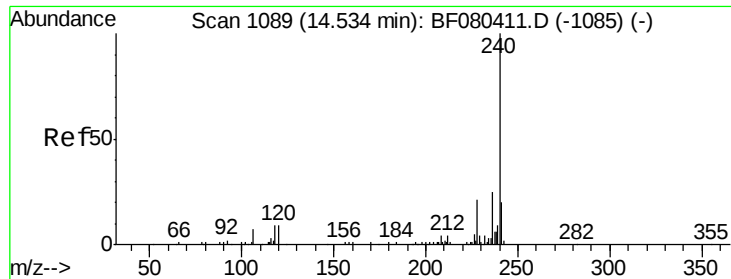
Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Tgt Ion:	202	Resp:	123447
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	28.8
203	16.9	0.0	37.3





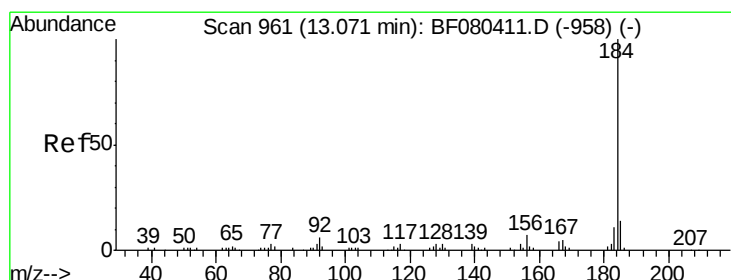
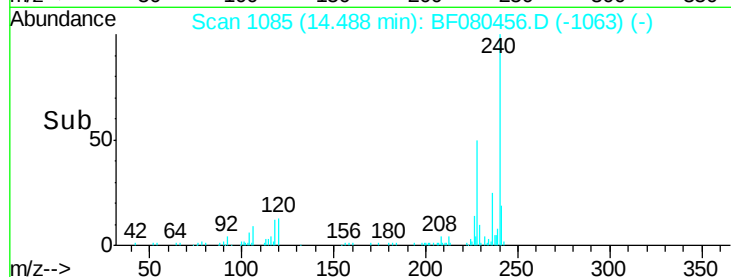
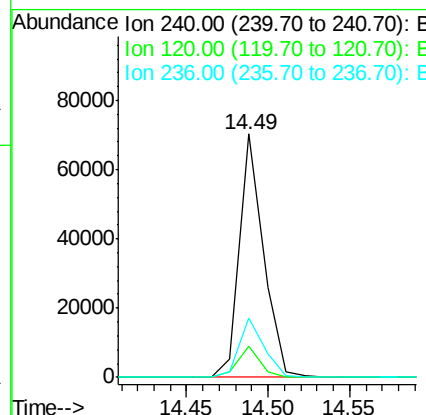
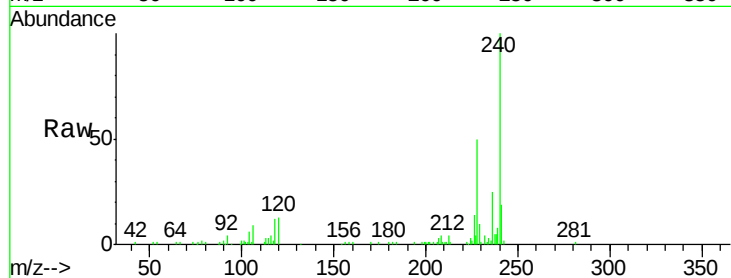
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 1085
Delta R.T. -0.05 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	7.4	11.2#
236	24.5	19.7	29.5

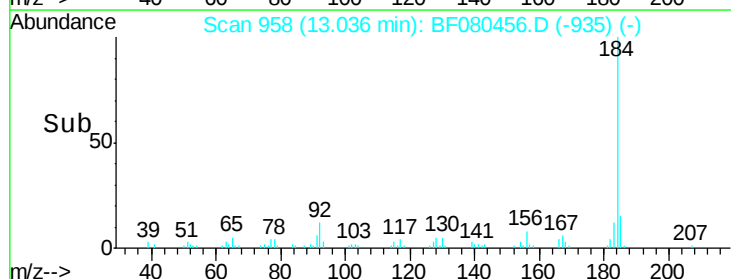
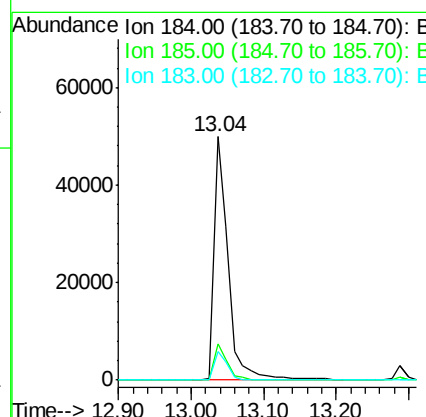
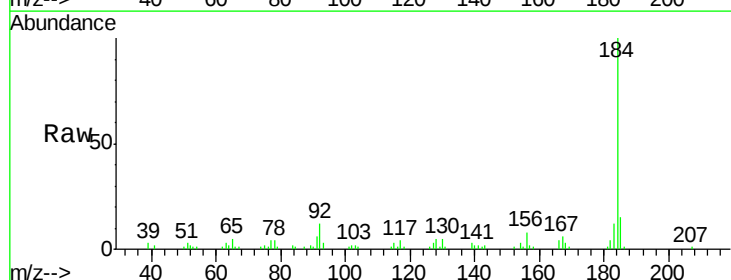
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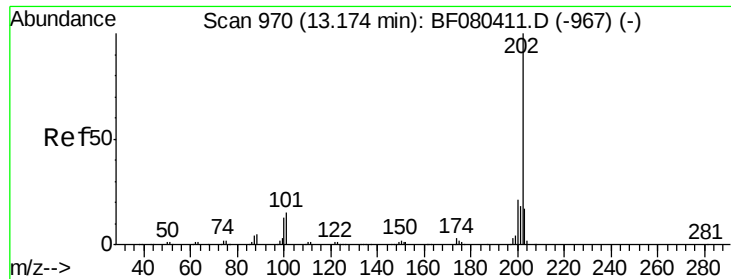
apatel
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#76
Benzidine
Concen: 48.33 ng
RT: 13.04 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.0	16.4
183	11.6	9.0	13.6





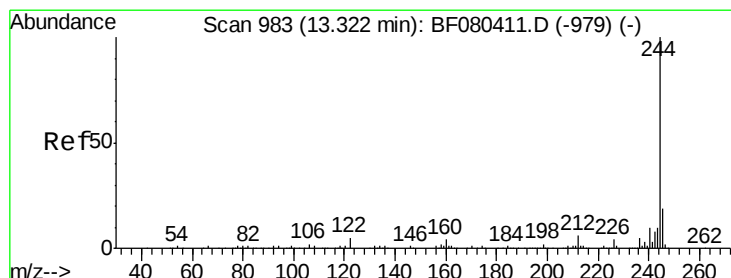
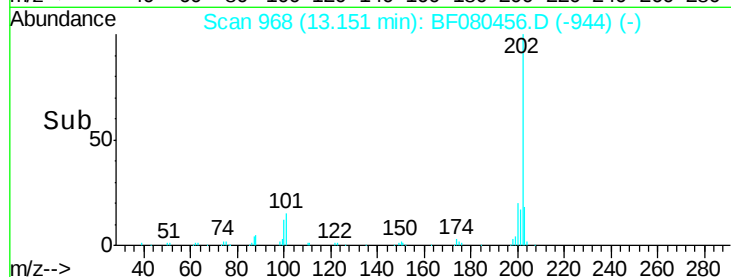
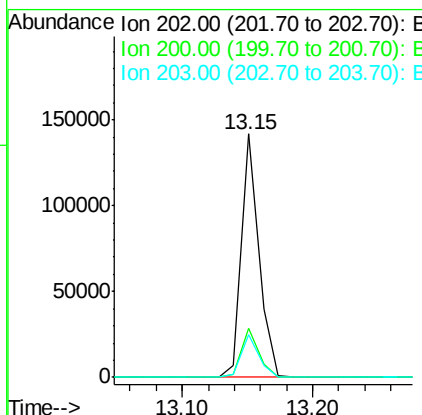
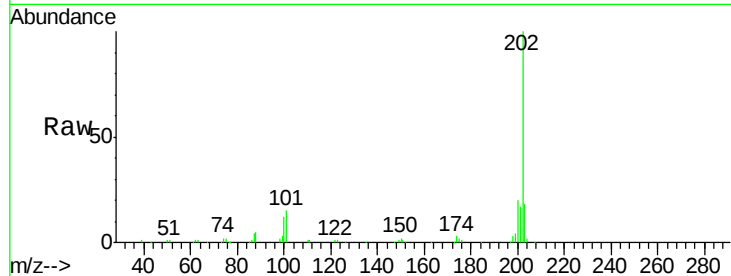
#77
 Pyrene
 Concen: 28.82 ng
 RT: 13.15 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		131285		
200	20.3	17.0	25.6		
203	17.6	13.8	20.8		

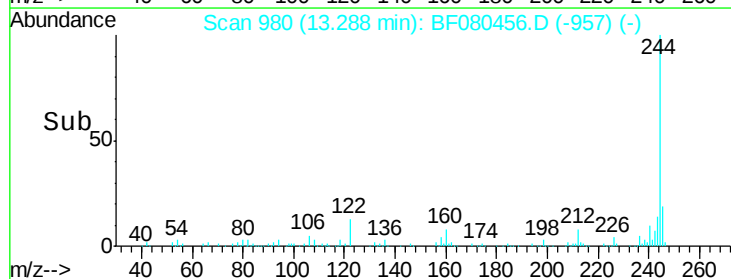
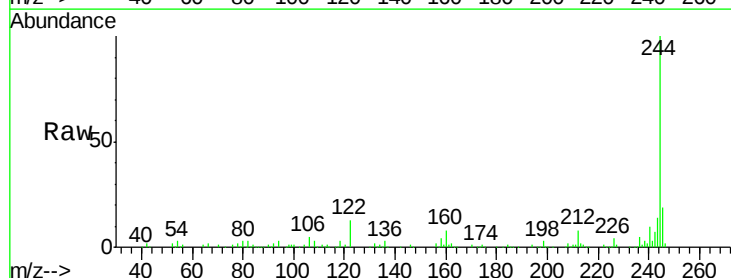
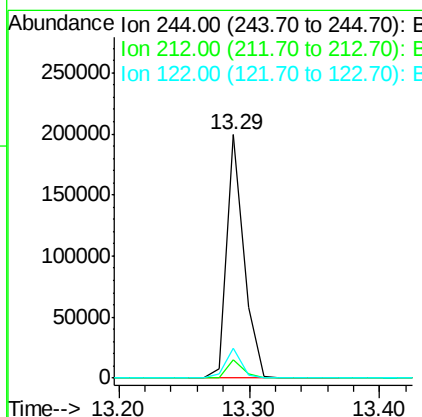
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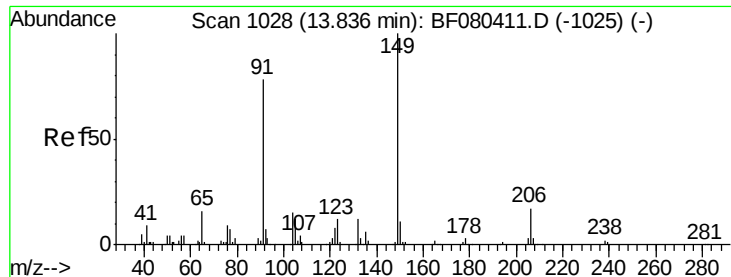
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#78
 Terphenyl-d14
 Concen: 56.12 ng
 RT: 13.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		183722		
212	7.5	4.9	7.3#		
122	12.5	4.1	6.1#		





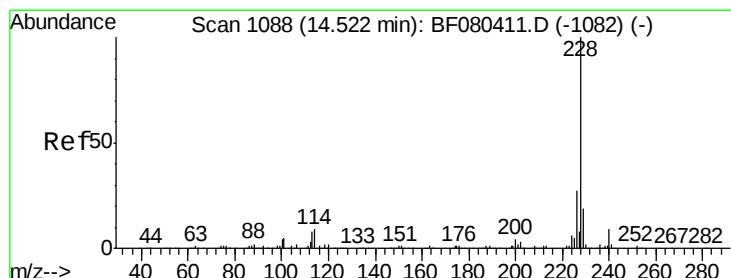
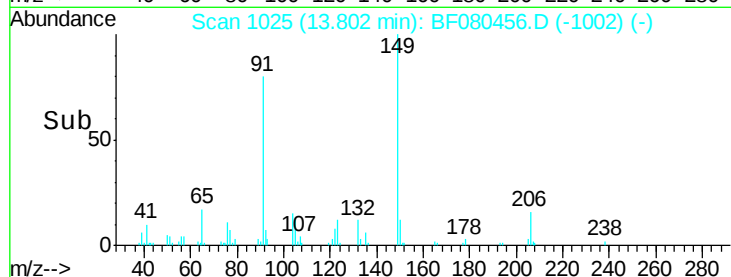
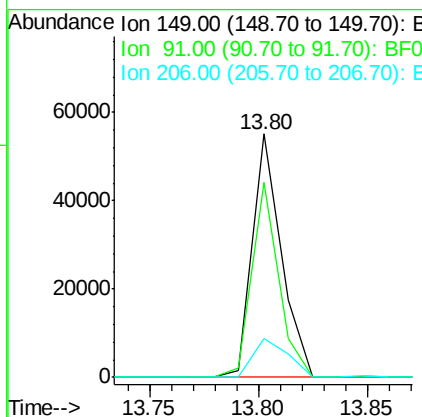
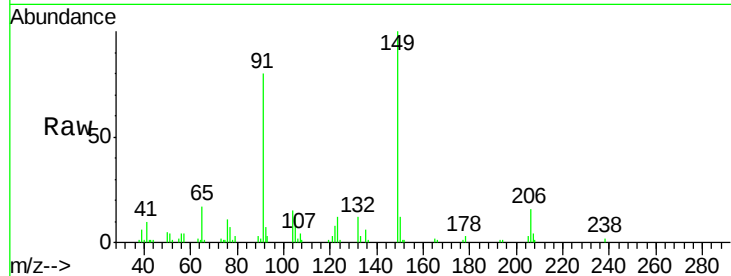
#79
Butylbenzylphthalate
Concen: 29.42 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	50800		
91	80.0	62.5	93.7	
206	16.0	14.0	21.0	

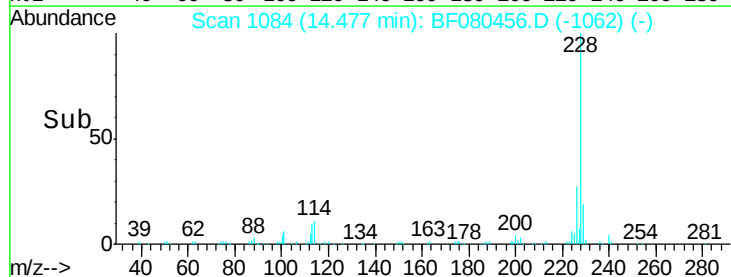
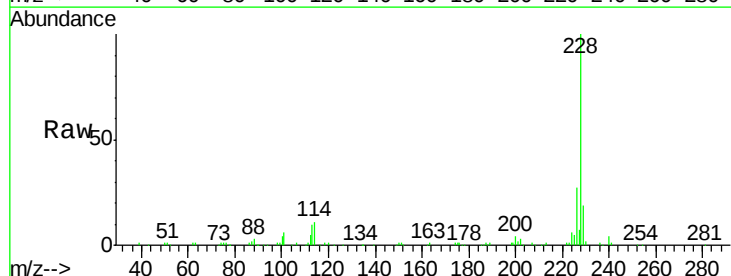
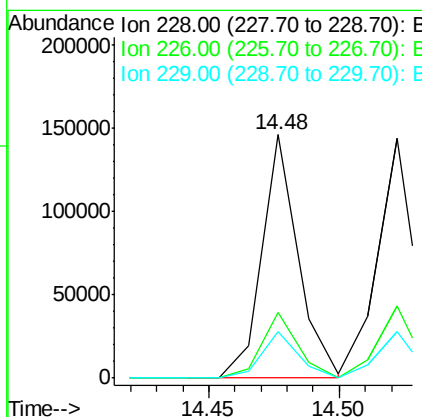
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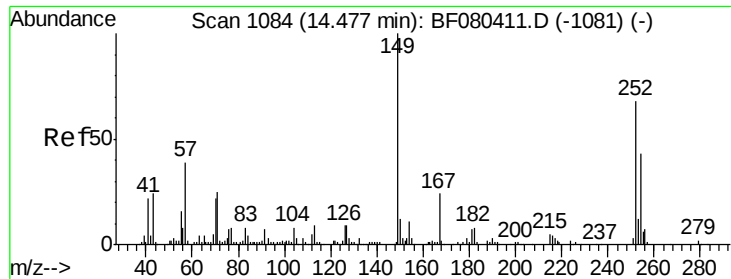
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#80
Benzo(a)anthracene
Concen: 31.10 ng
RT: 14.48 min Scan# 1084
Delta R.T. -0.05 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	139343		
226	27.0	21.7	32.5	
229	19.0	15.5	23.3	





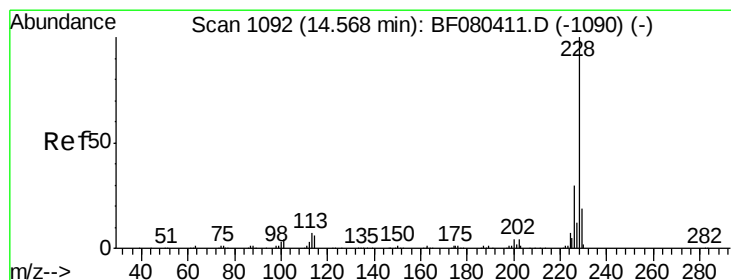
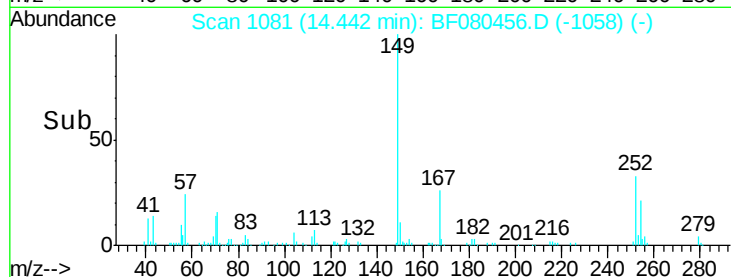
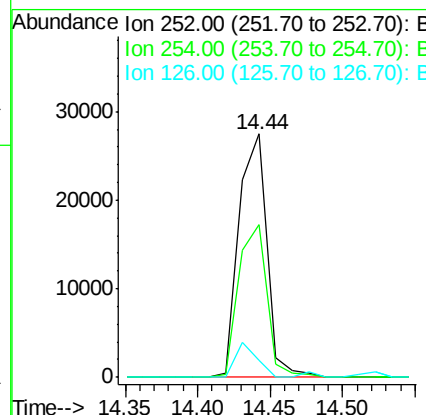
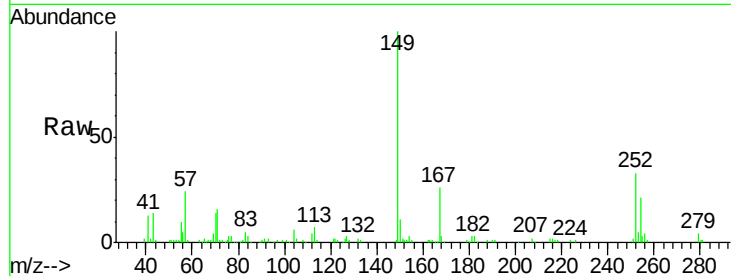
#81
 3,3'-Dichlorobenzidine
 Concen: 27.45 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.03 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.6	50.6	76.0
126	7.0	10.6	15.8

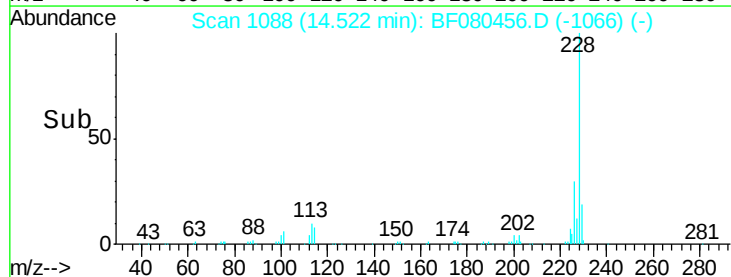
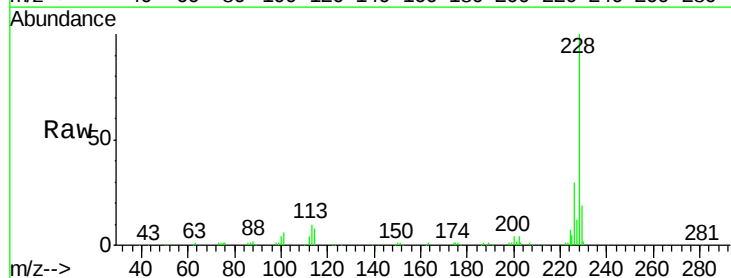
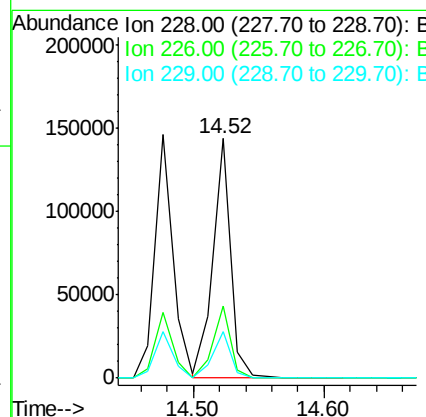
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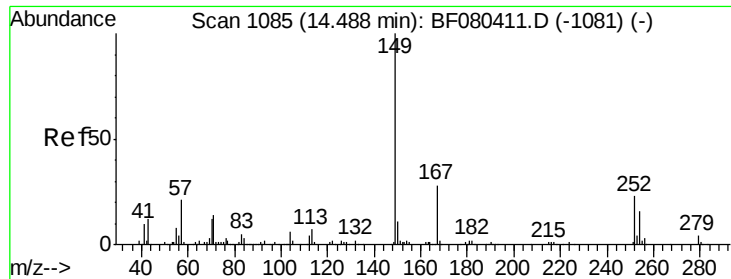
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#82
 Chrysene
 Concen: 33.33 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.05 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	24.3	36.5
229	19.5	15.5	23.3





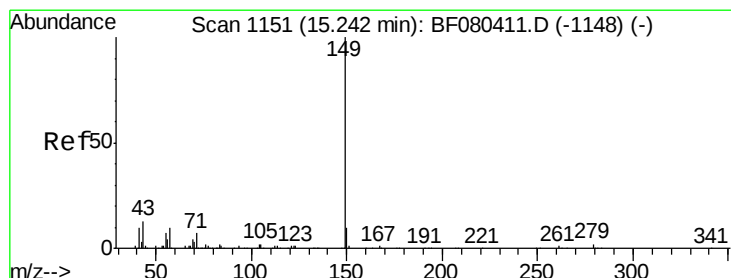
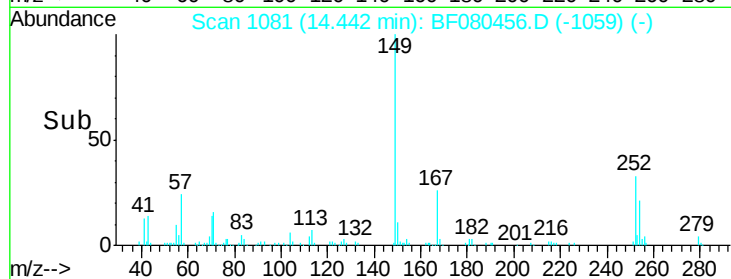
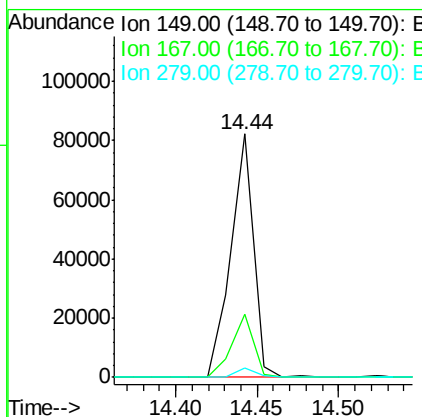
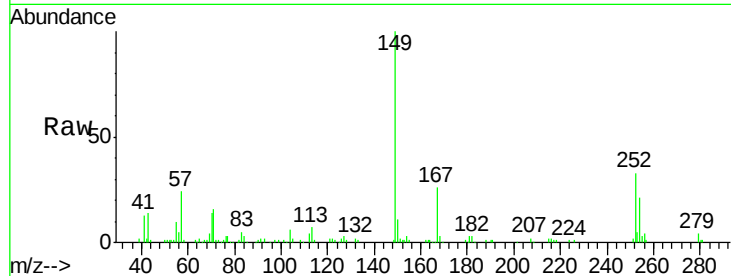
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.95 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.05 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	22.5	33.7
279	3.6	3.5	5.3

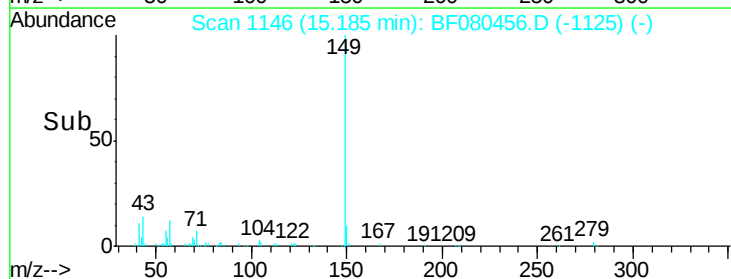
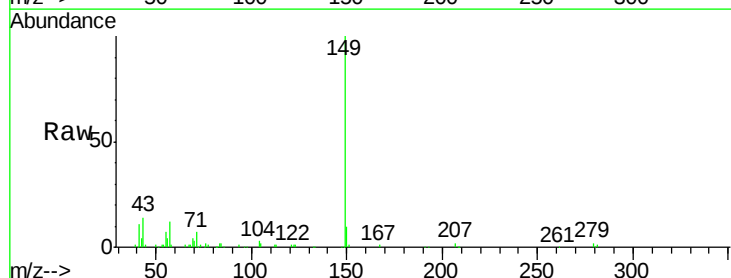
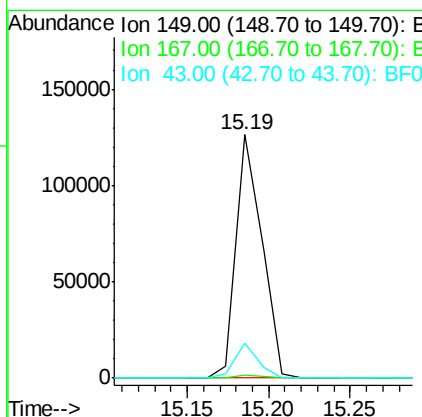
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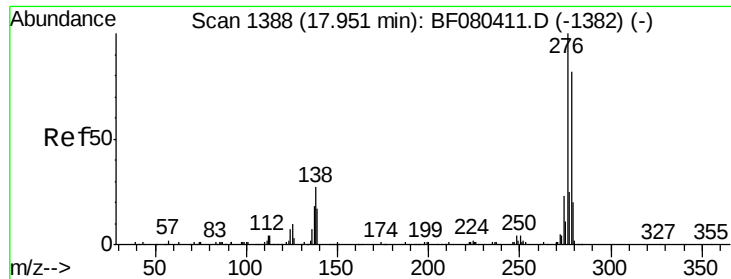
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#84
 Di-n-octyl phthalate
 Concen: 28.99 ng
 RT: 15.19 min Scan# 1146
 Delta R.T. -0.06 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	14.0	9.0	13.6





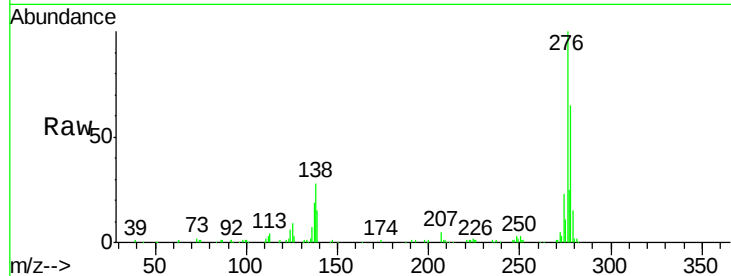
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.01 ng
 RT: 17.86 min Scan# 1380
 Delta R.T. -0.09 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

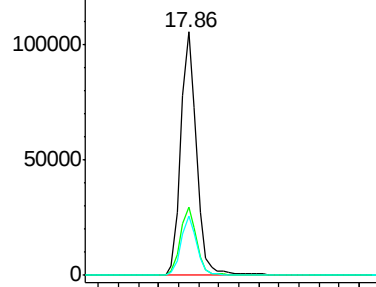
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	230692		
138	28.7		21.4	32.0
277	24.2		19.5	29.3

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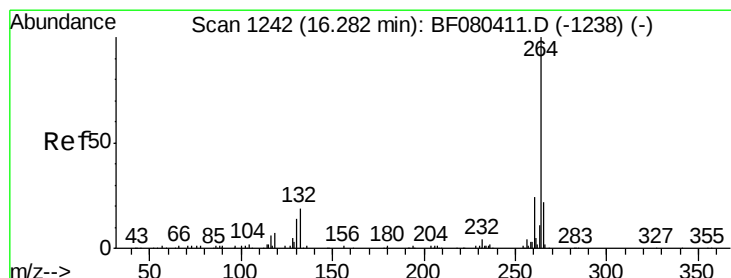
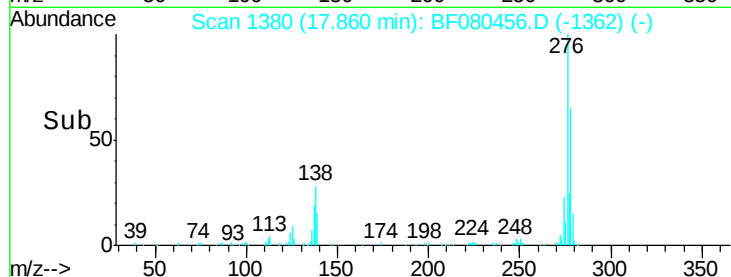
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



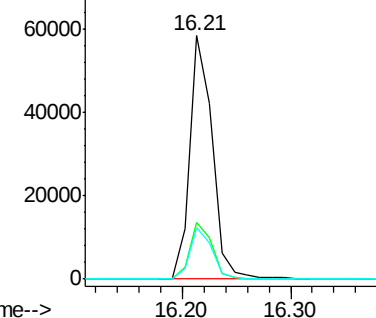
Time-->



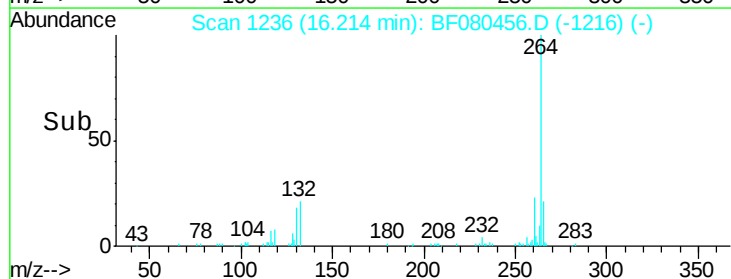
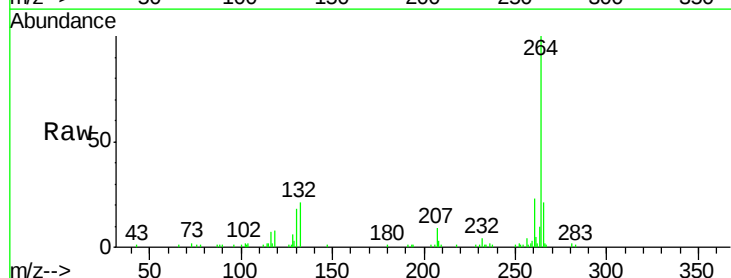
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.21 min Scan# 1236
 Delta R.T. -0.07 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

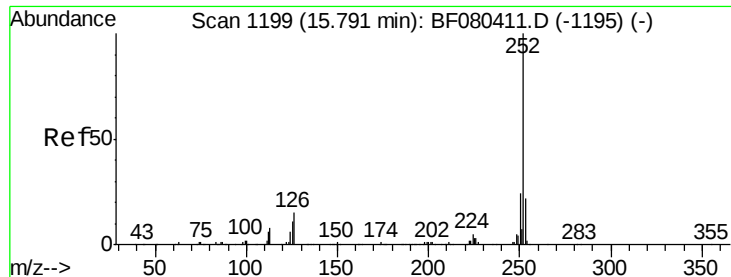
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	83884		
260	23.3		19.4	29.2
265	21.1		17.8	26.8

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 26.87 ng

RT: 15.73 min Scan# 1194

Delta R.T. -0.06 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

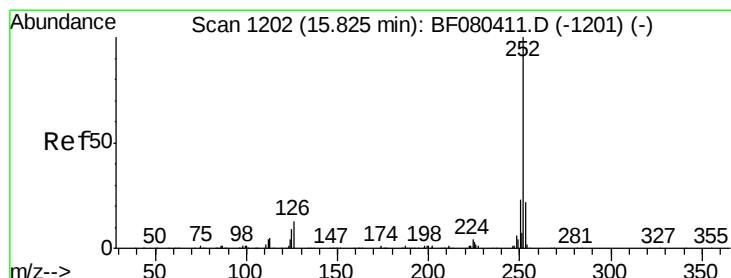
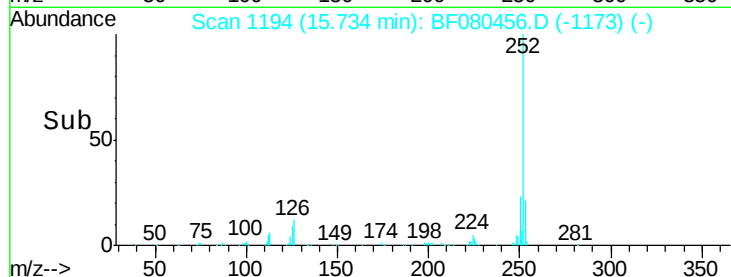
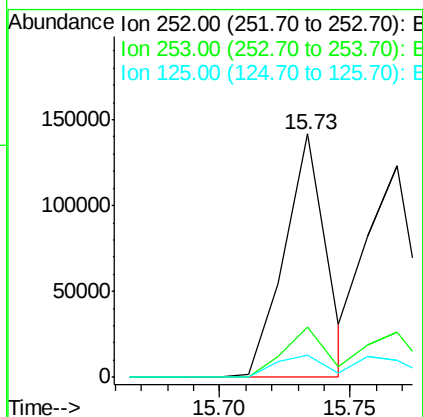
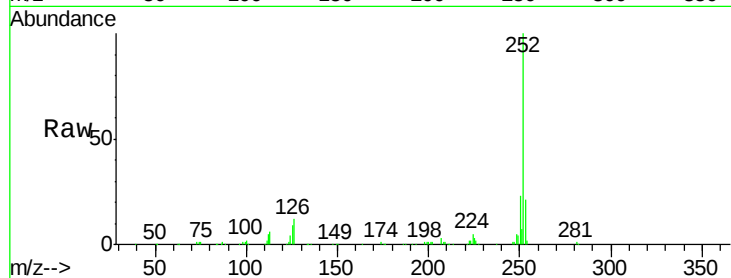
ClientSampleId :

PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	156571		
253	20.5	17.8	26.8	
125	8.9	8.6	12.8	

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#88

Benzo(k)fluoranthene

Concen: 33.23 ng m

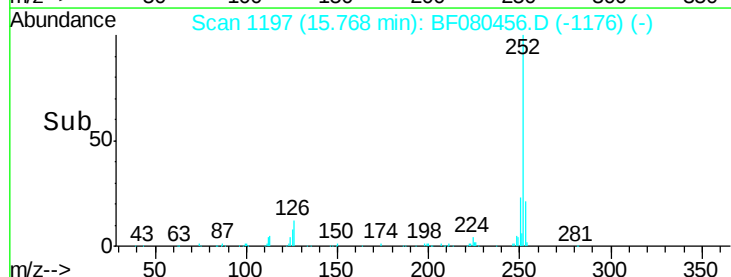
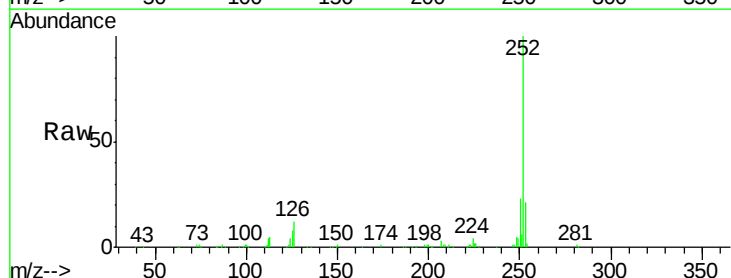
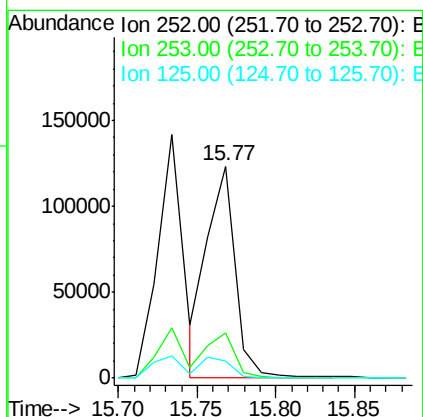
RT: 15.77 min Scan# 1197

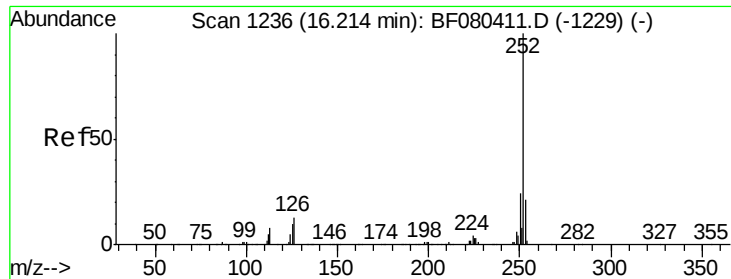
Delta R.T. -0.06 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	158328		
253	21.4	17.7	26.5	
125	8.0	8.4	12.6#	





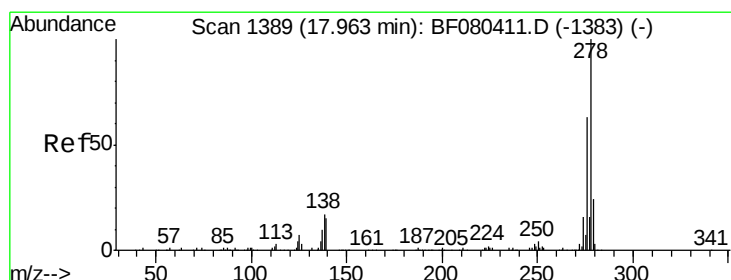
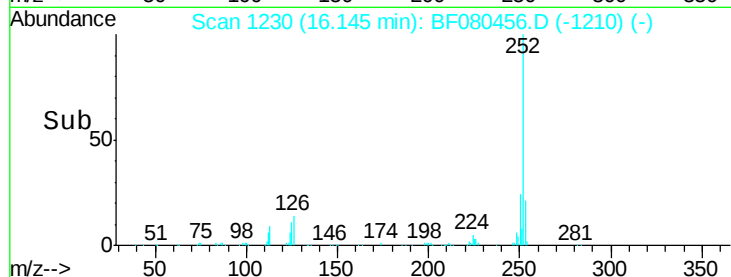
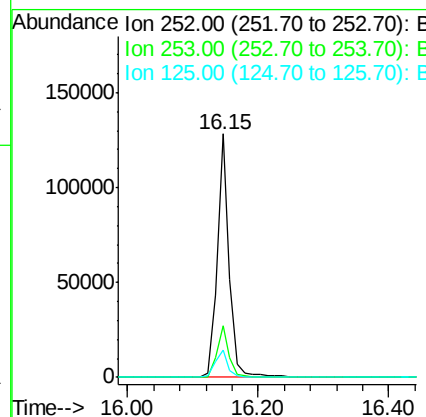
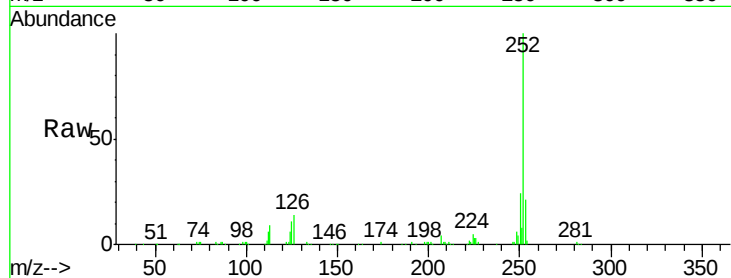
#89
Benzo(a)pyrene
Concen: 32.58 ng
RT: 16.15 min Scan# 1230
Delta R.T. -0.07 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	166361		
253	21.4	17.0	25.6	
125	11.3	8.1	12.1	

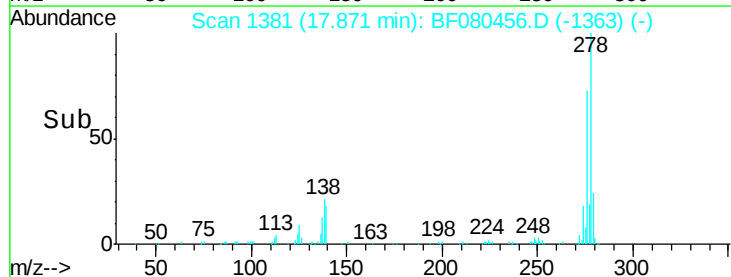
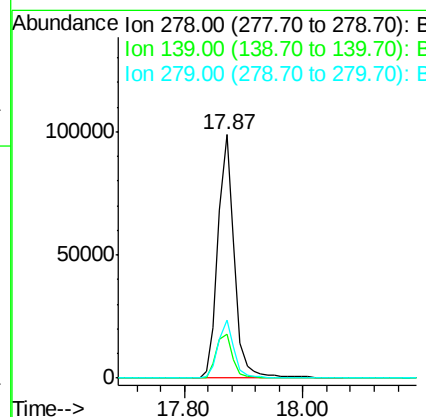
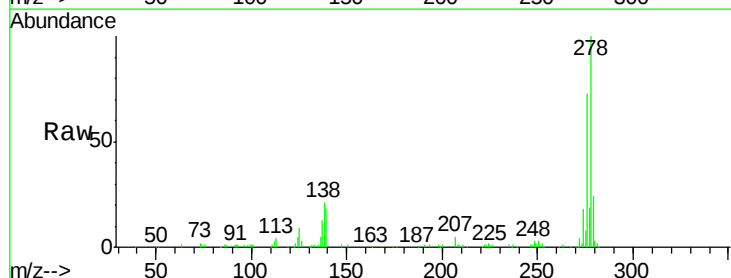
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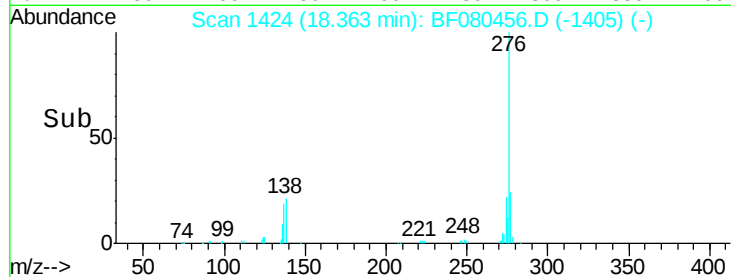
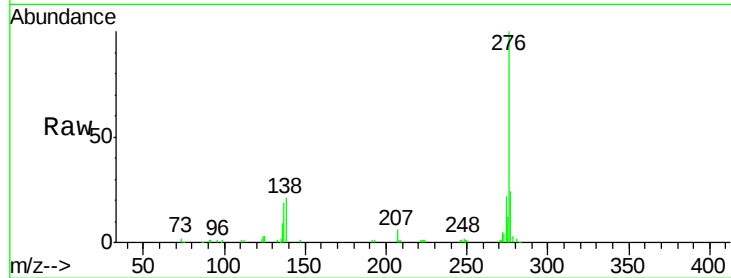
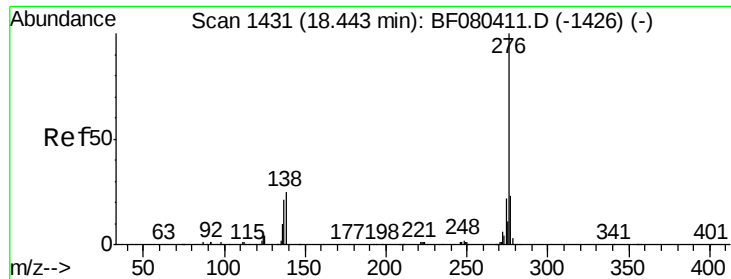
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#90
Dibenzo(a,h)anthracene
Concen: 37.38 ng
RT: 17.87 min Scan# 1381
Delta R.T. -0.09 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	189017		
139	18.0	11.8	17.8#	
279	23.9	18.8	28.2	





#91
 Benzo(g,h,i)perylene
 Concen: 39.67 ng
 RT: 18.36 min Scan# 1424
 Delta R.T. -0.08 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	18.2	27.4
138	21.5	20.3	30.5

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