

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081421.D
 Acq On : 4 Sep 2015 16:13
 Operator : UM/IZ
 Sample : PB85374BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

Manual Integrations
 APPROVED

MMDadoda
 9/8/2015 1:56:44 PM

Quant Time: Sep 07 01:21:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	66277	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	260630	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	118933	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	248115	20.00	ng	0.00
75) Chrysene-d12	13.46	240	175050	20.00	ng	0.00
86) Perylene-d12	14.77	264	116069	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.91	112	442414	103.57	ng	0.01
7) Phenol-d6	6.03	99	626206	110.75	ng	0.00
23) Nitrobenzene-d5	6.94	82	381436	70.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	133723	126.27	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	590700	63.65	ng	-0.01
78) Terphenyl-d14	12.44	244	627031	83.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.75	88	47192	24.60	ng	# 90
3) Pyridine	2.28	79	159124	30.08	ng	91
4) n-Nitrosodimethylamine	2.25	42	101548	34.55	ng	79
6) Aniline	6.02	93	202841	25.40	ng	# 83
8) 2-Chlorophenol	6.15	128	171265	36.38	ng	86
9) Benzaldehyde	5.90	77	17320	4.89	ng	# 80
10) Phenol	6.04	94	187633	28.61	ng	# 33
11) bis(2-Chloroethyl)ether	6.11	93	159676	33.75	ng	88
12) 1,3-Dichlorobenzene	6.30	146	162982	32.41	ng	# 91
13) 1,4-Dichlorobenzene	6.38	146	163198	31.87	ng	# 88
14) 1,2-Dichlorobenzene	6.54	146	143262	31.07	ng	98
15) Benzyl Alcohol	6.52	79	150796	32.51	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.67	45	333938	36.82	ng	83
17) 2-Methylphenol	6.66	107	133761	35.61	ng	# 76
18) Hexachloroethane	6.87	117	63108	31.68	ng	94
19) n-Nitroso-di-n-propylamine	6.81	70	129523	33.66	ng	# 81
20) 3+4-Methylphenols	6.82	107	174003	34.36	ng	89
22) Acetophenone	6.79	105	229731	32.27	ng	# 75
24) Nitrobenzene	6.96	77	201489	35.92	ng	# 65
25) Isophorone	7.21	82	335794	33.42	ng	# 86
26) 2-Nitrophenol	7.28	139	87568	35.81	ng	# 55
27) 2,4-Dimethylphenol	7.35	122	146501	34.69	ng	# 84
28) bis(2-Chloroethoxy)methane	7.43	93	189361	32.63	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	132532	36.19	ng	95
30) 1,2,4-Trichlorobenzene	7.60	180	135447	34.05	ng	98
31) Naphthalene	7.67	128	428569	30.83	ng	98
32) Benzoic acid	7.48	122	77294	26.82	ng	# 61
33) 4-Chloroaniline	7.74	127	132634	23.39	ng	# 81
34) Hexachlorobutadiene	7.80	225	81632	33.72	ng	99
35) Caprolactam	8.11	113	44138m	39.30	ng	
36) 4-Chloro-3-methylphenol	8.25	107	149507	36.47	ng	# 82
37) 2-Methylnaphthalene	8.36	142	298563	33.01	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	116492	30.97	ng	99
40) Hexachlorocyclopentadiene	8.52	237	115727	62.69	ng	98

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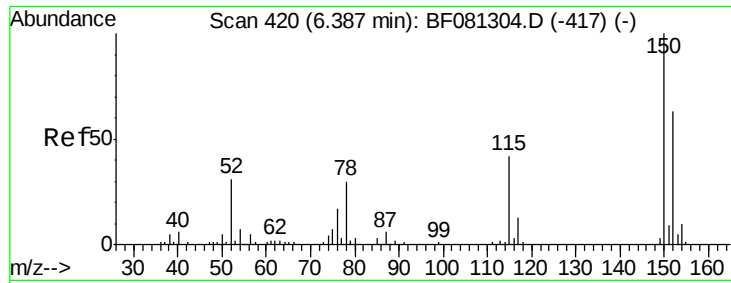
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	80903	31.17	ng	100
43) 2,4,5-Trichlorophenol	8.71	196	87705	33.12	ng	# 94
45) 1,1'-Biphenyl	8.83	154	350886	32.07	ng	94
46) 2-Chloronaphthalene	8.84	162	253460	32.08	ng	# 90
47) 2-Nitroaniline	8.96	65	115338	35.81	ng	# 73
48) Acenaphthylene	9.26	152	440610	31.43	ng	97
49) Dimethylphthalate	9.15	163	318963	34.52	ng	# 97
50) 2,6-Dinitrotoluene	9.20	165	60100	28.66	ng	# 4
51) Acenaphthene	9.43	154	266252	33.39	ng	91
52) 3-Nitroaniline	9.37	138	62223	26.06	ng	# 77
53) 2,4-Dinitrophenol	9.47	184	53238	60.27	ng	# 1
54) Dibenzofuran	9.60	168	407501	35.00	ng	# 90
55) 4-Nitrophenol	9.56	139	97134m	64.76	ng	
56) 2,4-Dinitrotoluene	9.60	165	80343	30.09	ng	# 6
57) Fluorene	9.93	166	278868	31.56	ng	96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	75986	37.58	ng	94
59) Diethylphthalate	9.84	149	304675	31.35	ng	94
60) 4-Chlorophenyl-phenylether	9.94	204	148677	36.10	ng	98
61) 4-Nitroaniline	9.98	138	68380	28.35	ng	# 22
62) Azobenzene	10.09	77	358214	33.15	ng	# 80
64) 4,6-Dinitro-2-methylphenol	10.01	198	45254	32.61	ng	86
65) n-Nitrosodiphenylamine	10.07	169	261684	28.98	ng	90
66) 4-Bromophenyl-phenylether	10.42	248	91182	36.35	ng	97
67) Hexachlorobenzene	10.48	284	91093	34.73	ng	# 80
68) Atrazine	10.60	200	97743	37.41	ng	82
69) Pentachlorophenol	10.67	266	86483	69.07	ng	98
70) Phenanthrene	10.88	178	444376	32.22	ng	96
71) Anthracene	10.94	178	490408	34.61	ng	99
72) Carbazole	11.10	167	455999	34.29	ng	96
73) Di-n-butylphthalate	11.45	149	544214	34.66	ng	# 98
74) Fluoranthene	12.06	202	487838	32.67	ng	85
76) Benzidine	12.19	184	210067	27.95	ng	97
77) Pyrene	12.27	202	497534	38.37	ng	98
79) Butylbenzylphthalate	12.93	149	215541	38.22	ng	# 83
80) Benzo(a)anthracene	13.45	228	376609	33.78	ng	96
81) 3,3'-Dichlorobenzidine	13.43	252	93428	24.85	ng	# 94
82) Chrysene	13.49	228	318755	31.90	ng	94
83) Bis(2-ethylhexyl)phthalate	13.50	149	268262	36.05	ng	# 93
84) Di-n-octyl phthalate	14.10	149	387995	31.66	ng	98
85) Indeno(1,2,3-cd)pyrene	15.84	276	266408	36.34	ng	# 89
87) Benzo(b)fluoranthene	14.45	252	323194m	39.00	ng	
88) Benzo(k)fluoranthene	14.47	252	240103m	34.92	ng	
89) Benzo(a)pyrene	14.72	252	251634	35.84	ng	# 87
90) Dibenzo(a,h)anthracene	15.85	278	222341	40.98	ng	# 83
91) Benzo(g,h,i)perylene	16.16	276	225661	43.58	ng	# 77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

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BNA_F

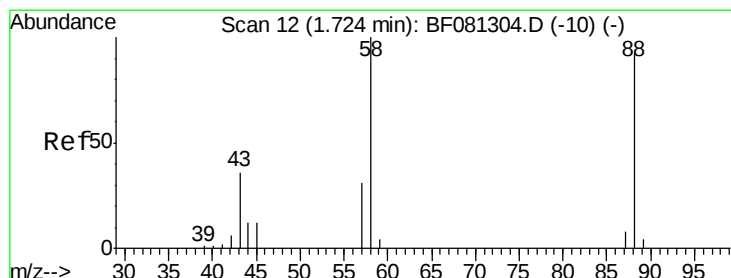
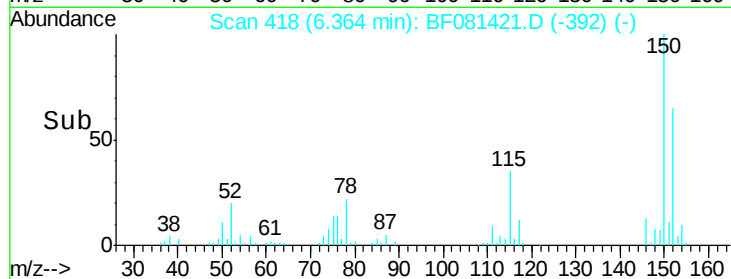
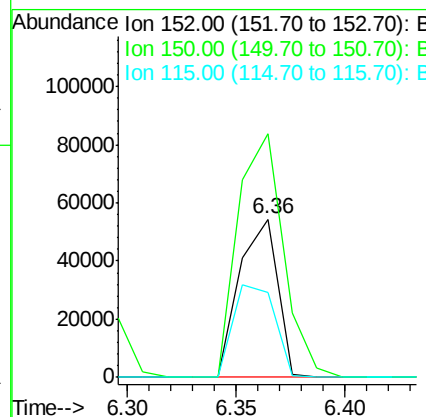
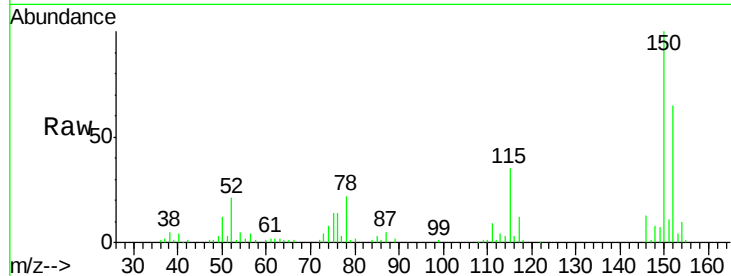
ClientSampleId :

PB85374BS

Tgt Ion:	152	Resp:	66277
Ion Ratio	Lower	Upper	
152	100		
150	154.2	124.7	187.1
115	53.9	39.0	58.4

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#2

1,4-Dioxane

Concen: 24.60 ng

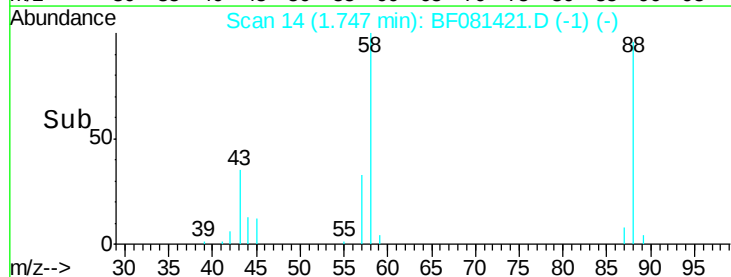
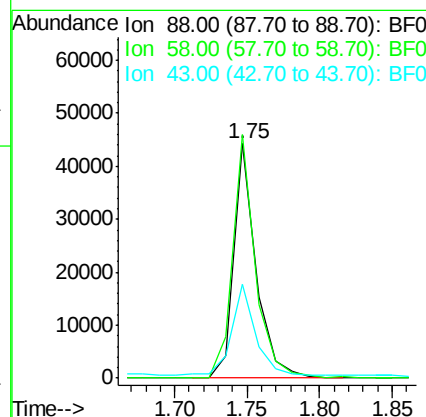
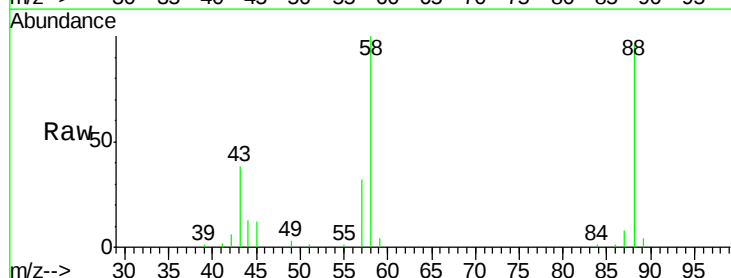
RT: 1.75 min Scan# 14

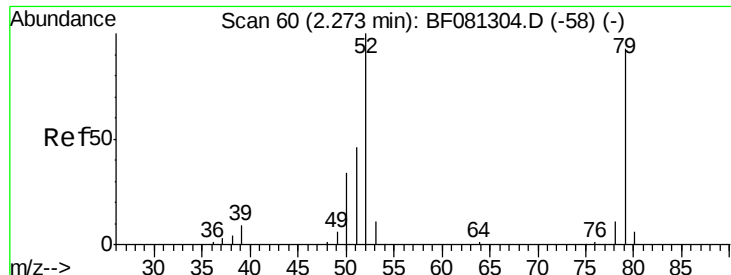
Delta R.T. 0.07 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Tgt Ion:	88	Resp:	47192
Ion Ratio	Lower	Upper	
88	100		
58	105.8	77.7	116.5
43	41.7	26.6	40.0#





#3

Pyridine

Concen: 30.08 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.06 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

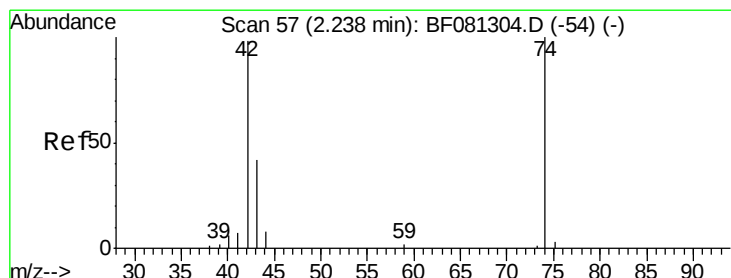
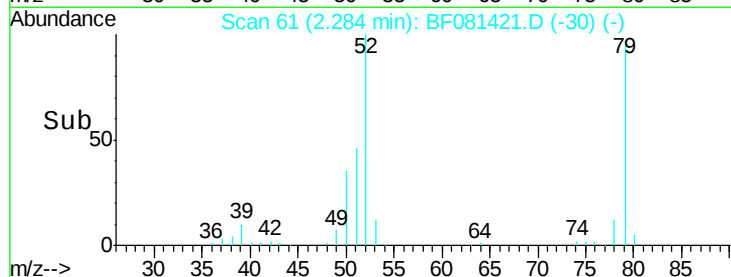
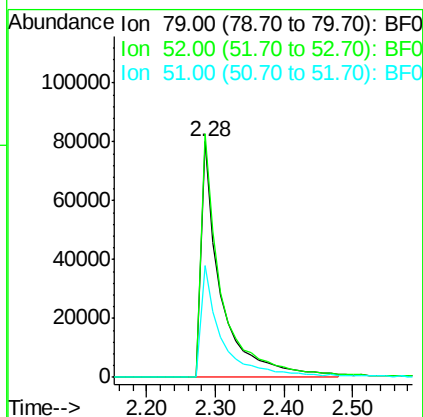
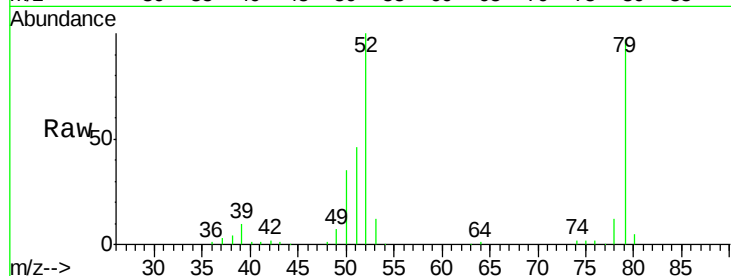
ClientSampleId :

PB85374BS

Tgt Ion:	79	Resp:	159124
Ion	Ratio	Lower	Upper
79	100		
52	103.3	76.8	115.2
51	47.6	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 34.55 ng

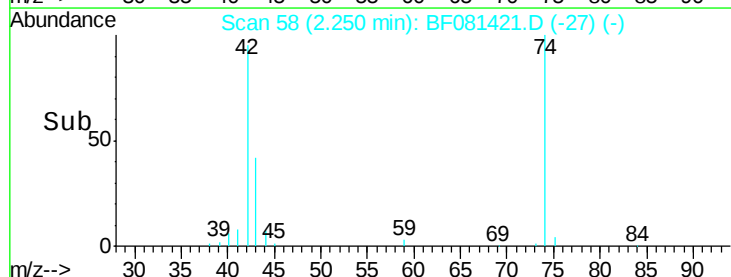
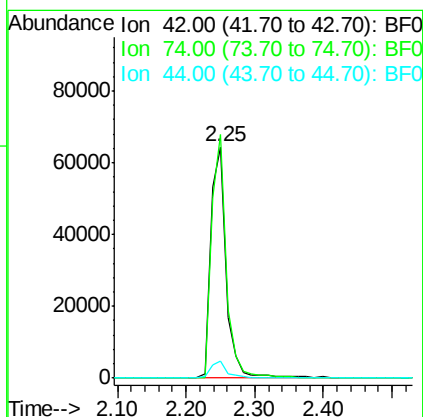
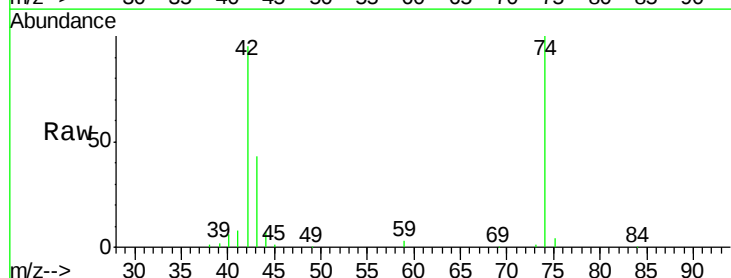
RT: 2.25 min Scan# 58

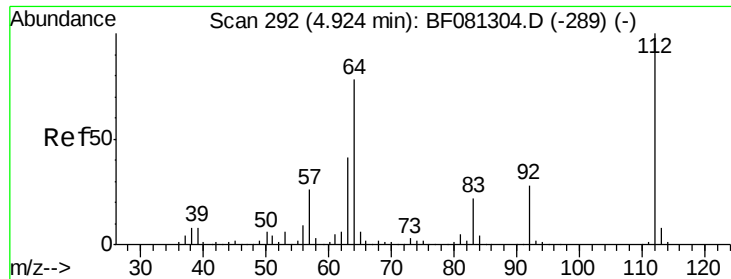
Delta R.T. 0.06 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Tgt Ion:	42	Resp:	101548
Ion	Ratio	Lower	Upper
42	100		
74	105.5	105.0	157.6
44	7.6	6.6	10.0





#5

2-Fluorophenol

Concen: 103.57 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081421.D

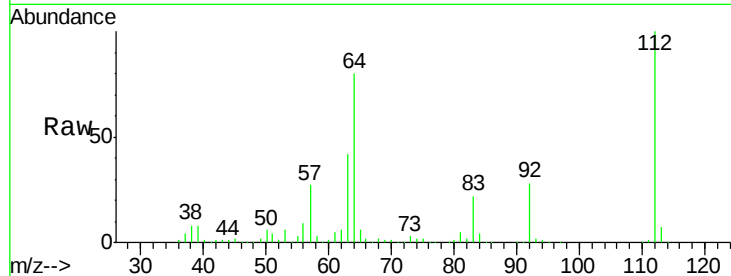
Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB85374BS



Tgt Ion: 112 Resp: 442414

Ion Ratio Lower Upper

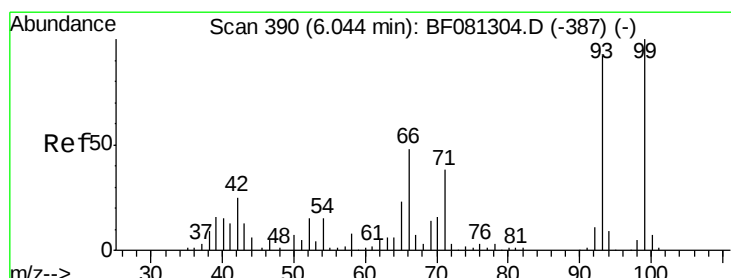
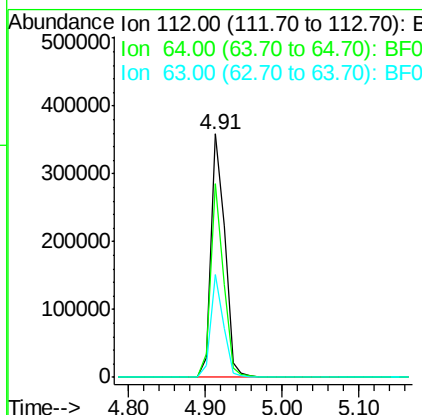
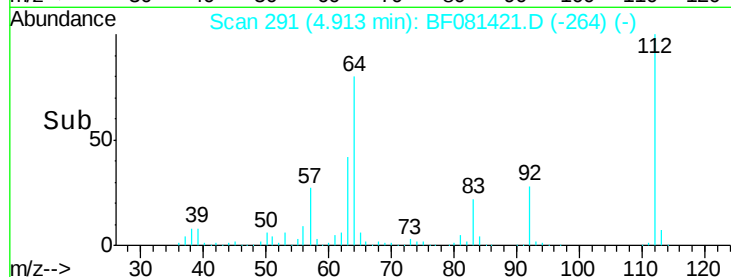
112 100

64 79.8 39.7 59.5#

63 42.0 17.4 26.0#

Manual Integrations
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#6

Aniline

Concen: 25.40 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

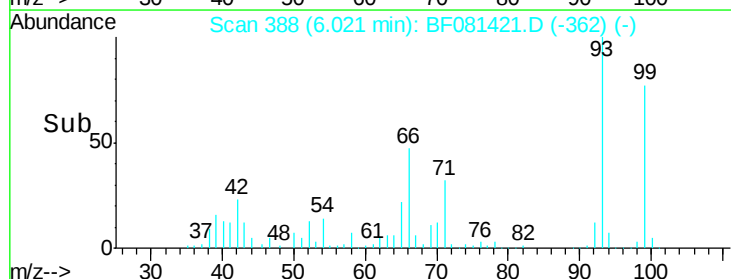
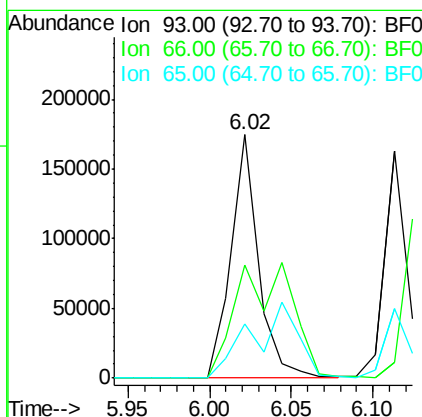
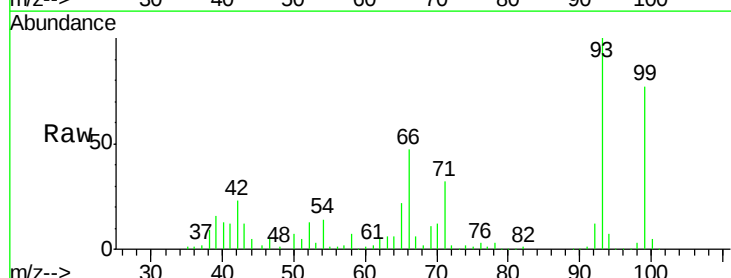
Tgt Ion: 93 Resp: 202841

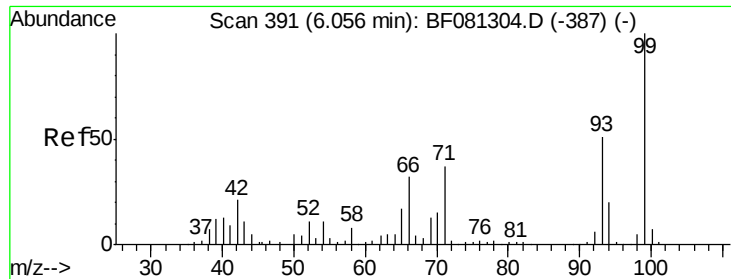
Ion Ratio Lower Upper

93 100

66 46.5 27.2 40.8#

65 22.4 14.7 22.1#





#7

Phenol-d6

Concen: 110.75 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 626206
Ion Ratio Lower Upper

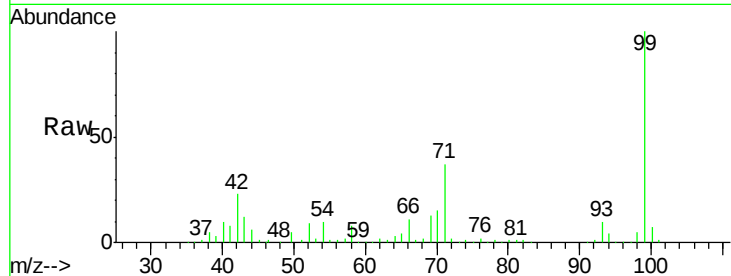
99 100

42 23.1 13.7 20.5#

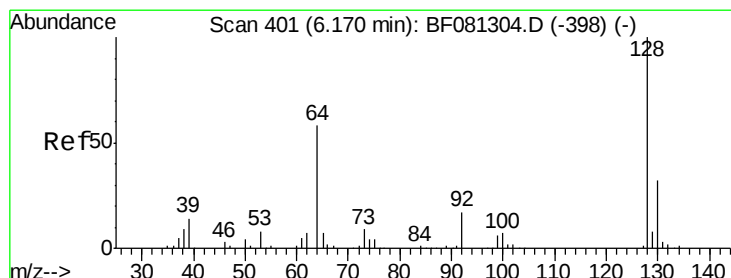
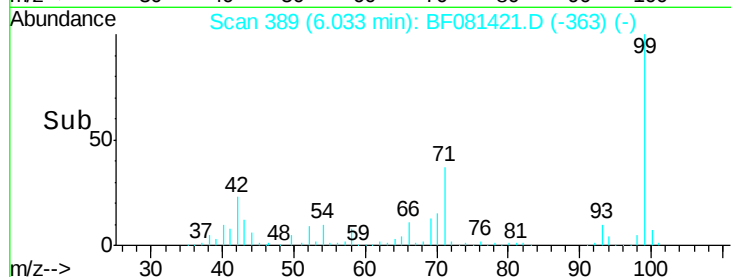
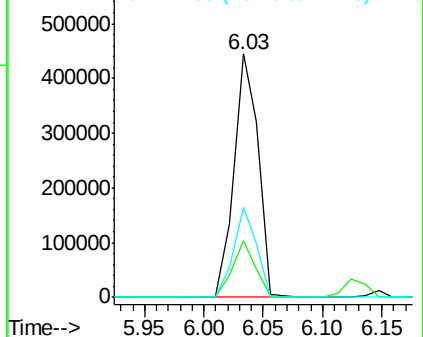
71 37.1 14.2 21.2#

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



#8

2-Chlorophenol

Concen: 36.38 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081421.D

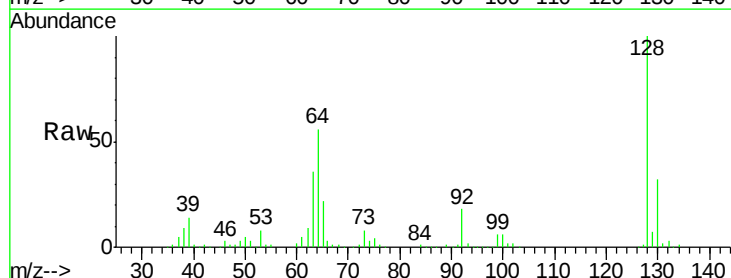
Acq: 4 Sep 2015 16:13

Tgt Ion: 128 Resp: 171265
Ion Ratio Lower Upper

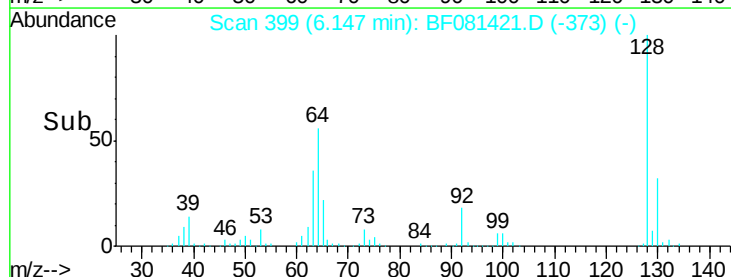
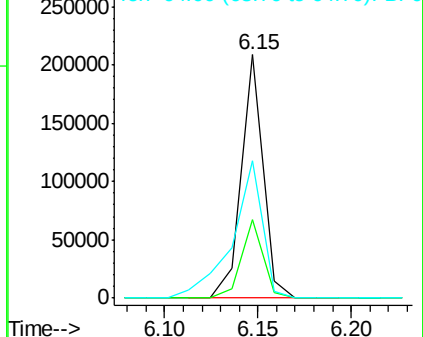
128 100

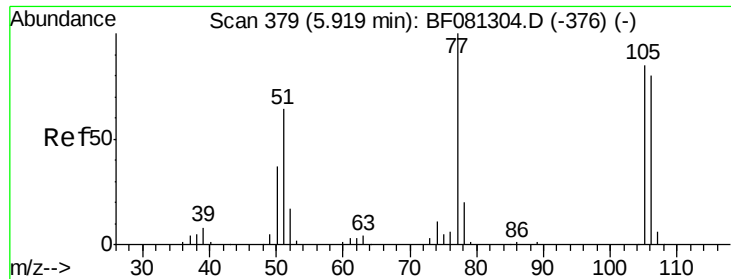
130 32.5 12.2 52.2

64 56.4 20.5 60.5



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





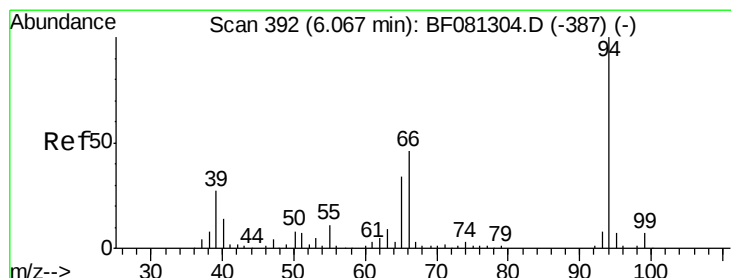
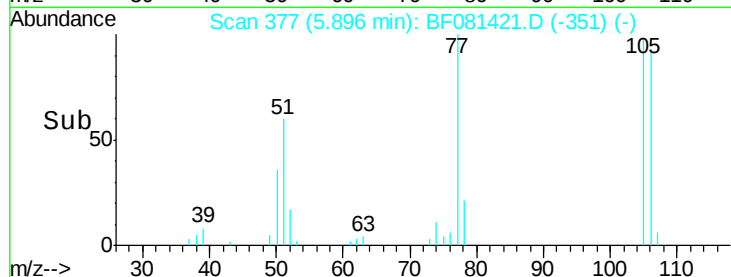
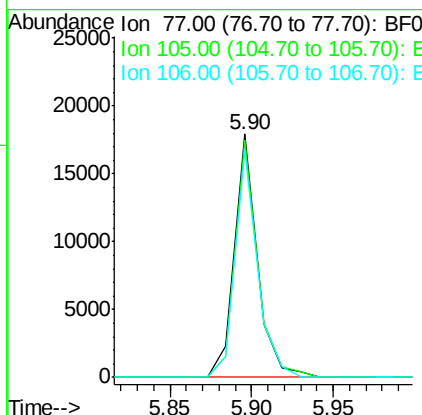
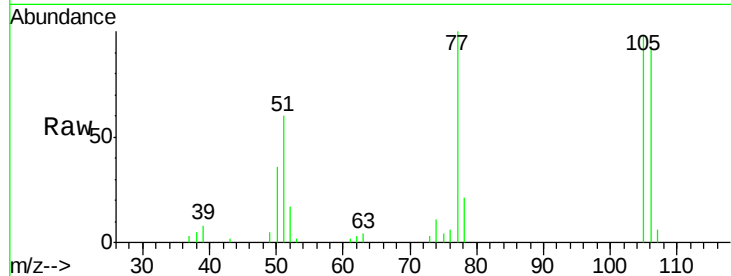
#9
Benzaldehyde
Concen: 4.89 ng
RT: 5.90 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB85374BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.6	91.6	131.6
106	93.1	102.6	142.6#

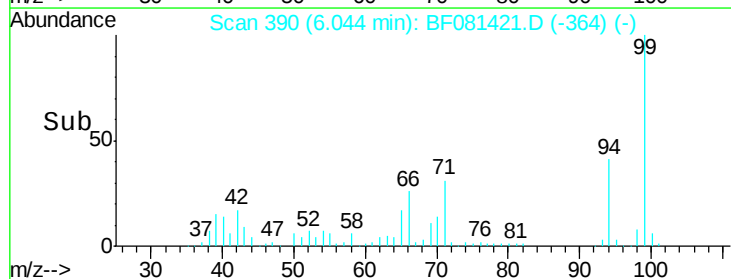
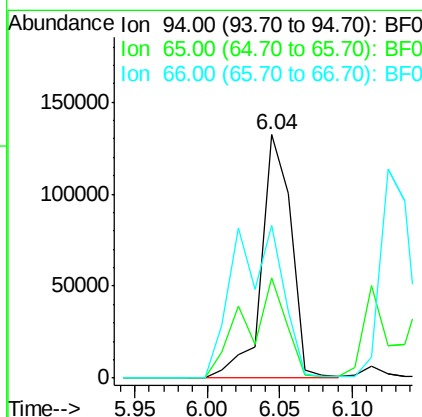
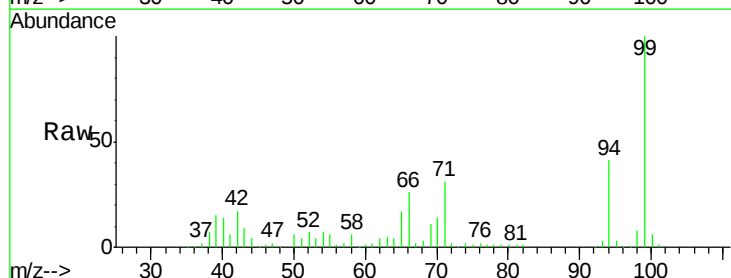
Manual Integrations
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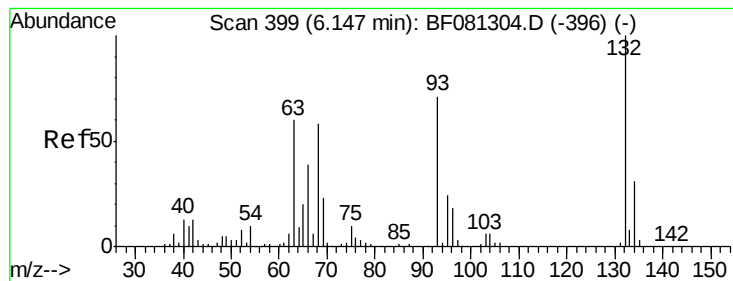
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#10
Phenol
Concen: 28.61 ng
RT: 6.04 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.2	0.7	40.7#
66	62.5	0.8	40.8#





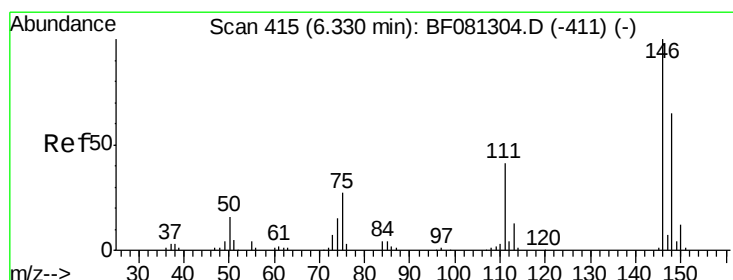
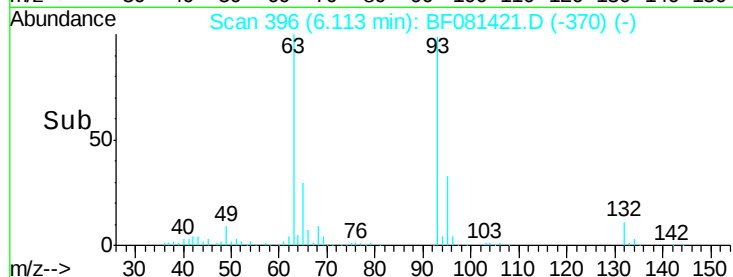
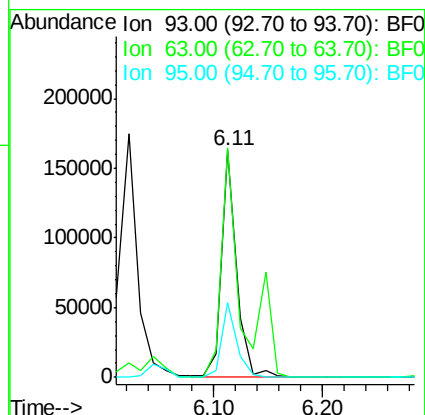
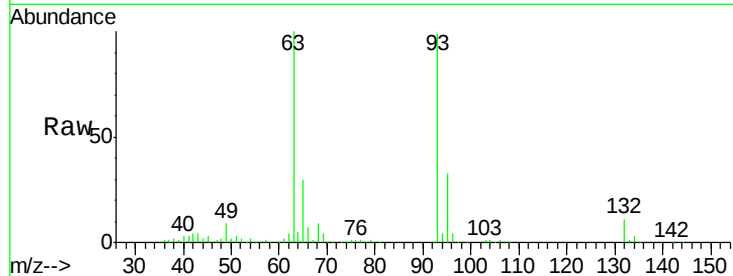
#11
bis(2-Chloroethyl)ether
Concen: 33.75 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB85374BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	159676		
63	101.2	65.6	105.6	
95	33.1	13.6	53.6	

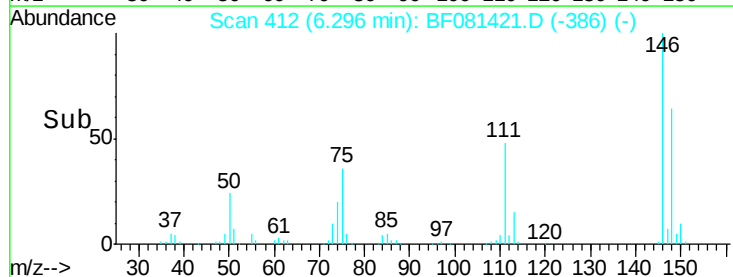
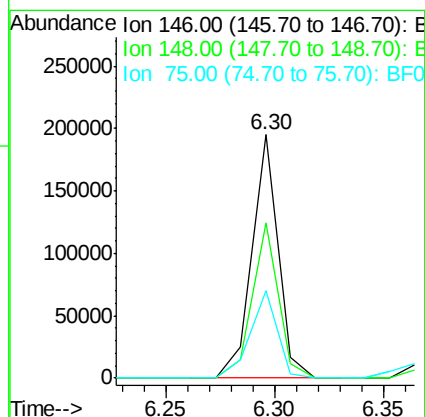
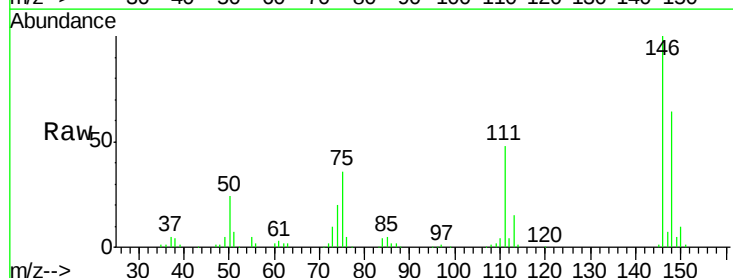
Manual Integrations
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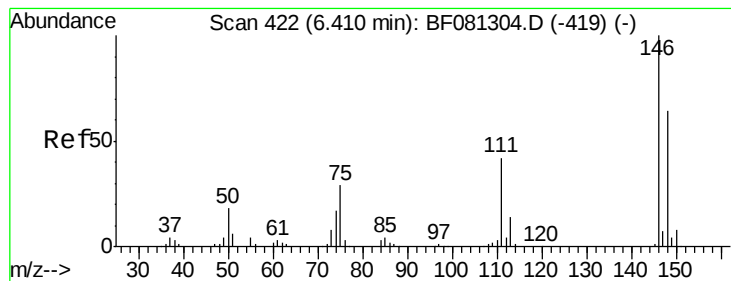
MMDadoda
9/8/2015 1:56:44 PM



#12
1,3-Dichlorobenzene
Concen: 32.41 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	162982		
148	64.0	51.0	76.4	
75	36.1	15.0	22.6	





#13

1,4-Dichlorobenzene

Concen: 31.87 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

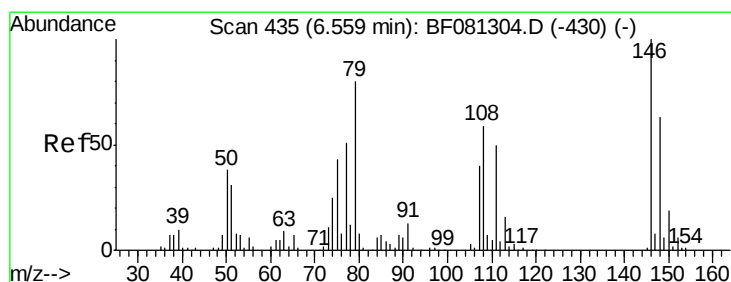
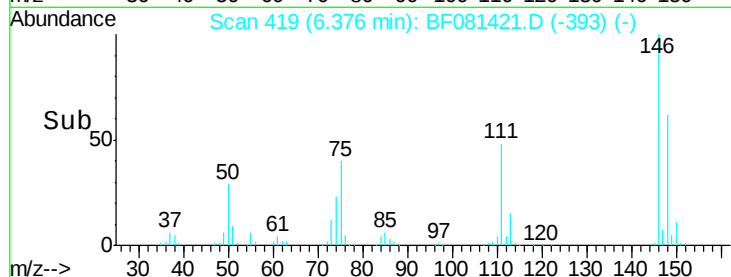
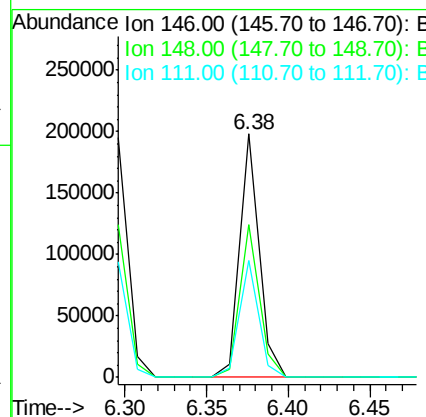
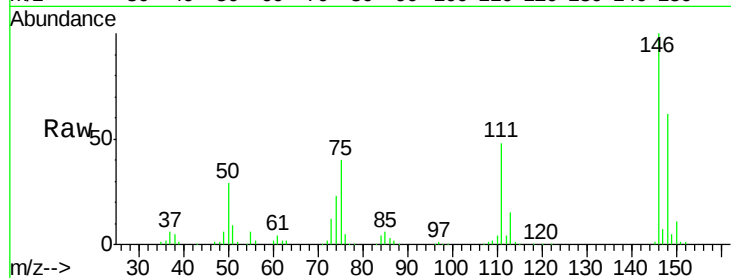
ClientSampleId :

PB85374BS

Tgt Ion:	146	Resp:	163198
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.8	77.6
111	47.9	24.9	37.3#

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#14

1,2-Dichlorobenzene

Concen: 31.07 ng

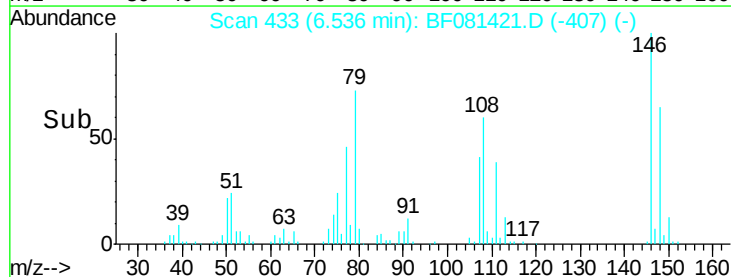
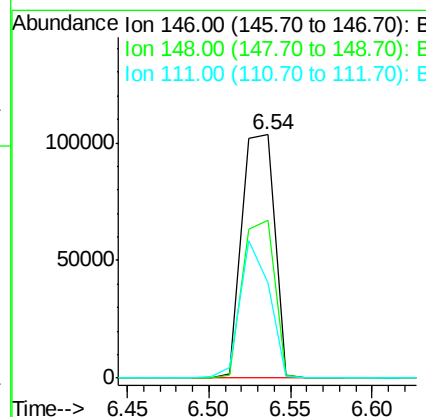
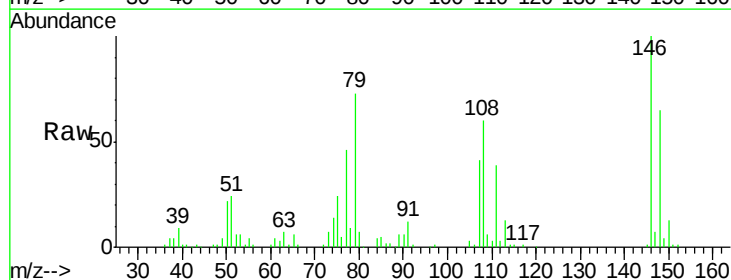
RT: 6.54 min Scan# 433

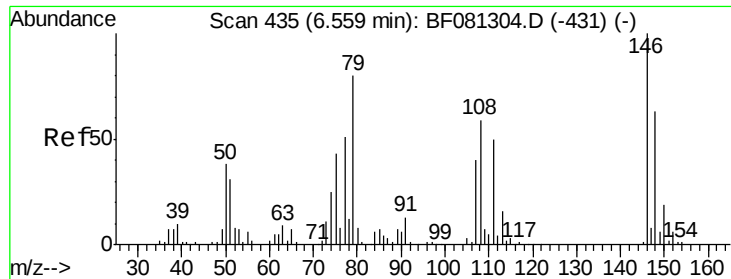
Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Tgt Ion:	146	Resp:	143262
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.7	79.1
111	38.9	28.8	43.2





#15

Benzyl Alcohol

Concen: 32.51 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB85374BS

Tgt Ion: 79 Resp: 150796
Ion Ratio Lower Upper

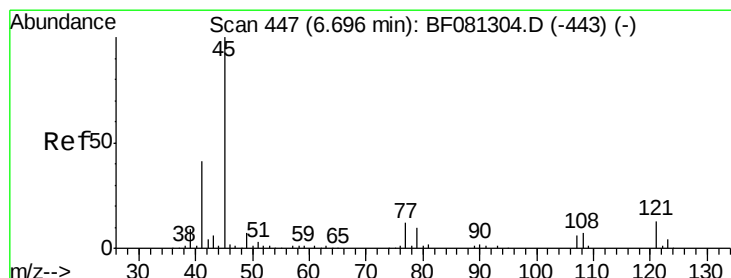
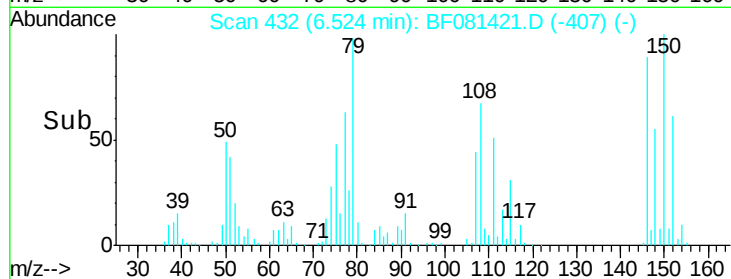
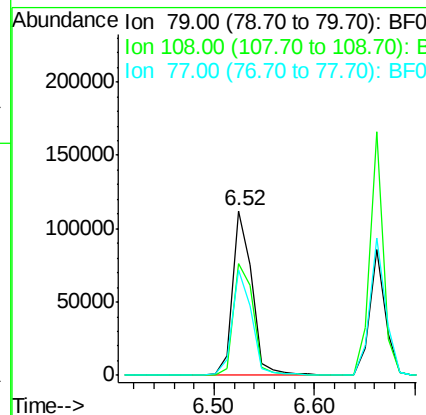
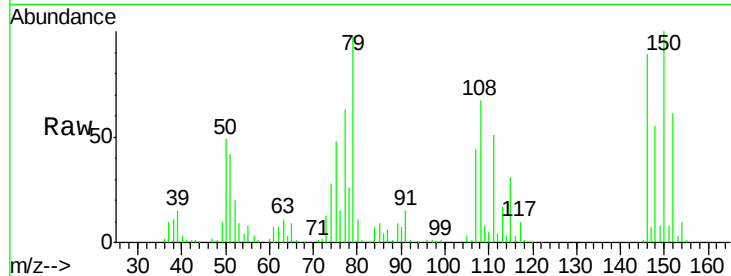
79 100

108 68.0 88.6 132.8#

77 63.9 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.82 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF081421.D

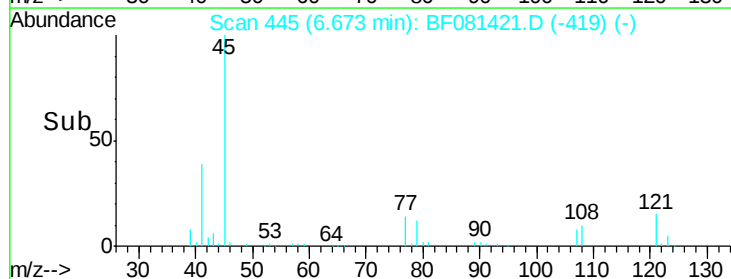
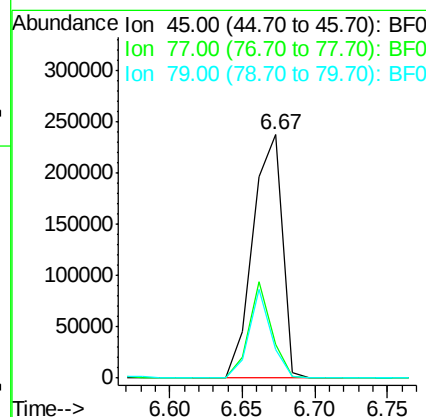
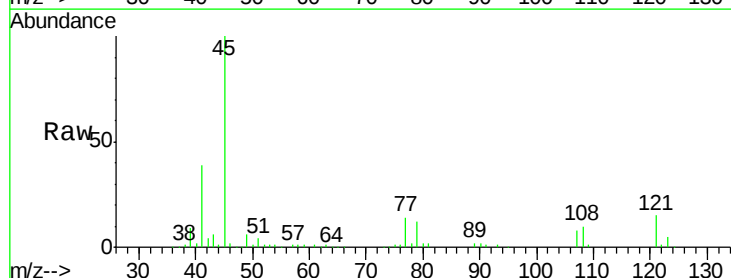
Acq: 4 Sep 2015 16:13

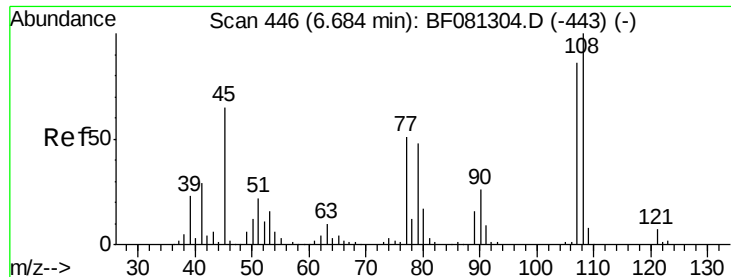
Tgt Ion: 45 Resp: 333938
Ion Ratio Lower Upper

45 100

77 13.9 0.0 28.1

79 12.0 0.0 26.0





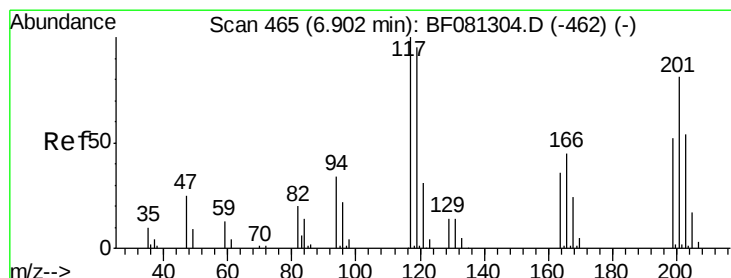
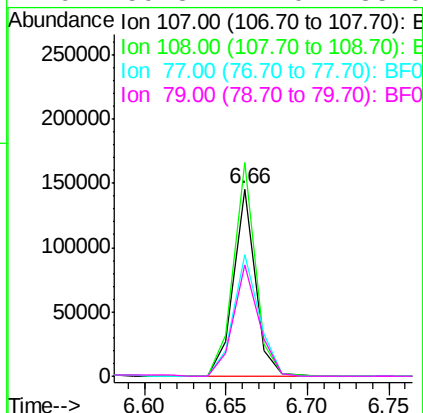
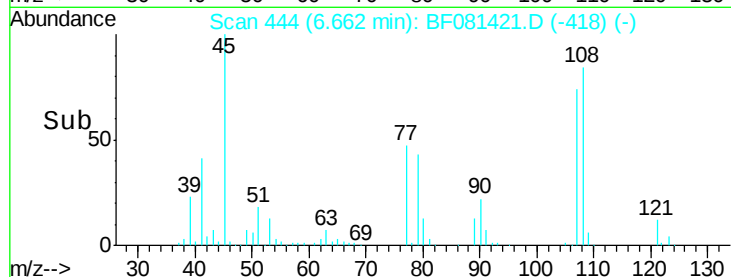
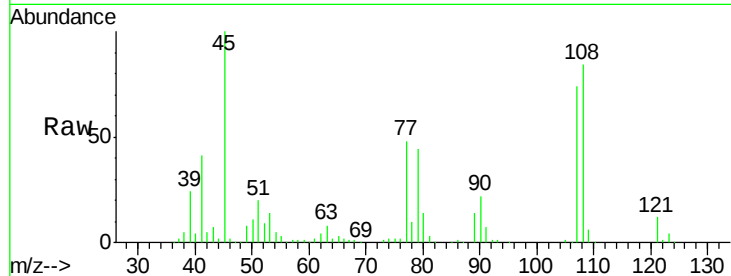
#17
 2-Methylphenol
 Concen: 35.61 ng
 RT: 6.66 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

Tgt Ion:	107	Resp:	133761
Ion Ratio	Lower	Upper	
107	100		
108	114.3	96.6	145.0
77	64.8	23.3	34.9#
79	59.3	22.0	33.0#

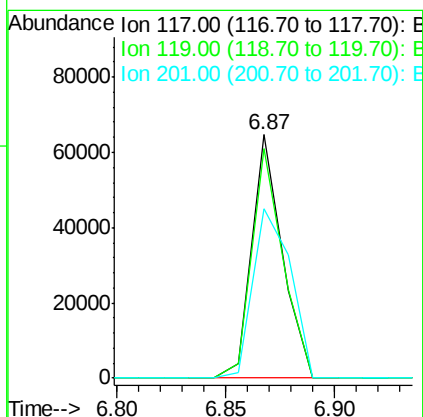
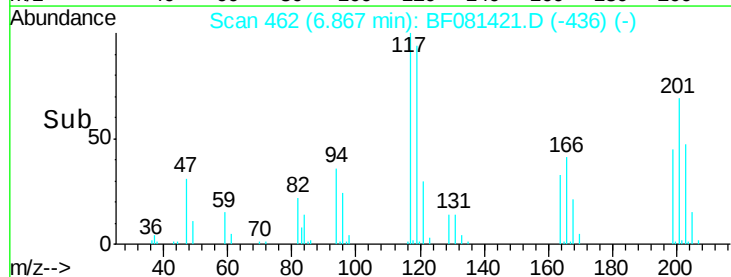
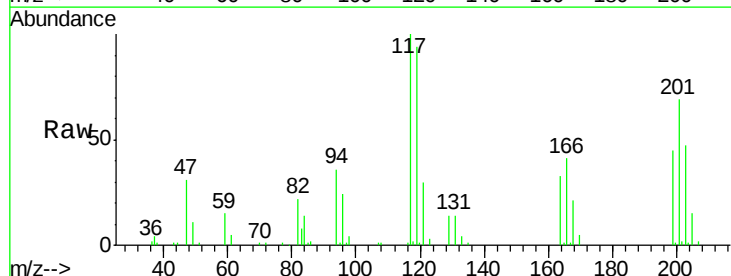
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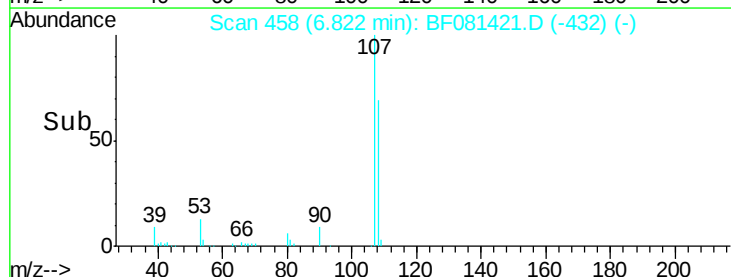
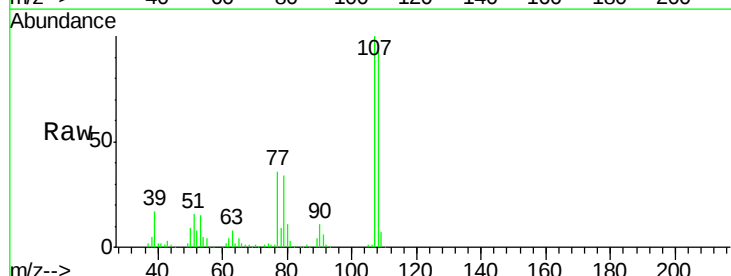
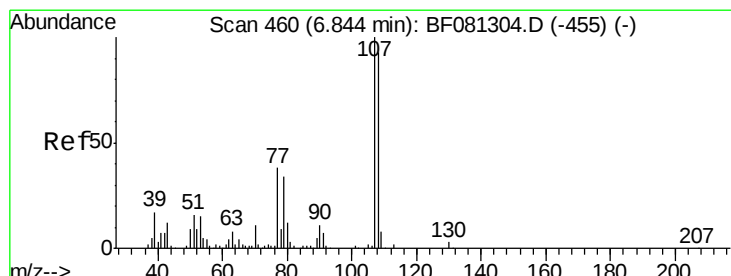
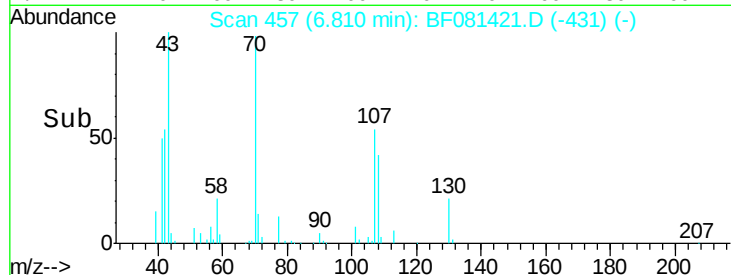
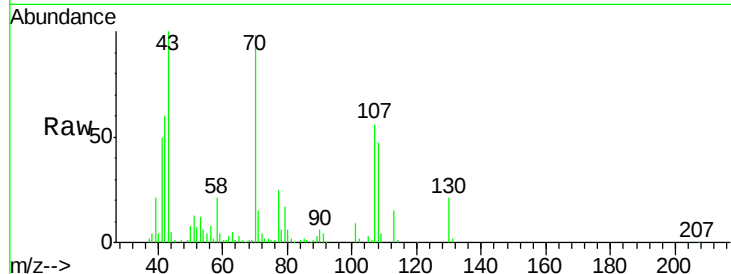
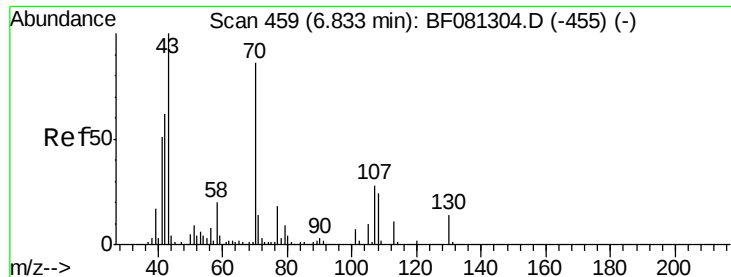
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 9/8/2015 1:56:44 PM



#18
 Hexachloroethane
 Concen: 31.68 ng
 RT: 6.87 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion:	117	Resp:	63108
Ion Ratio	Lower	Upper	
117	100		
119	94.4	83.8	125.6
201	69.5	55.1	82.7





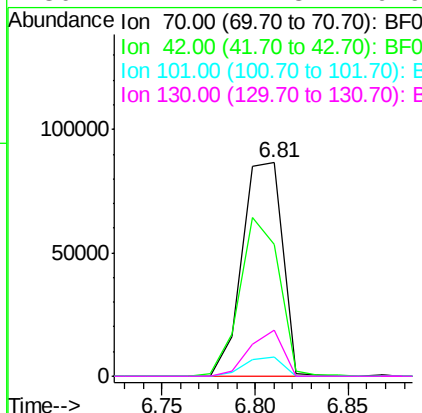
#19
n-Nitroso-di-n-propylamine
Concen: 33.66 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampled :
PB85374BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.7	63.8	95.6#
101	9.3	9.2	13.8
130	21.7	27.3	40.9#

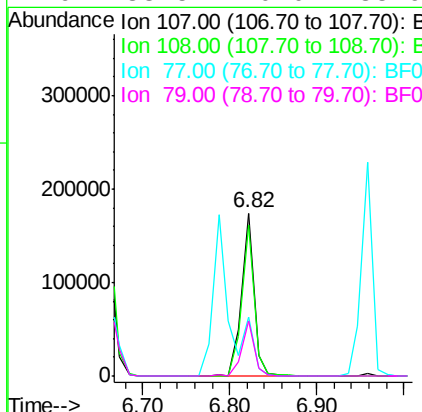
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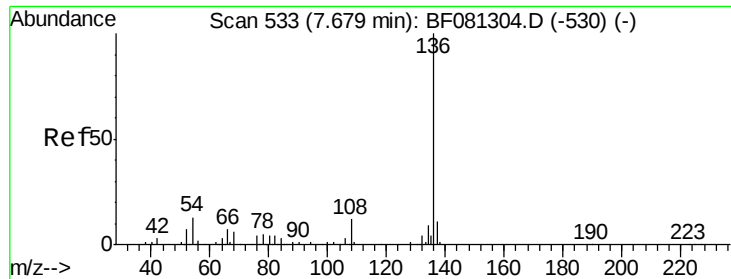
MMDadoda
9/8/2015 1:56:44 PM



#20
3+4-Methylphenols
Concen: 34.36 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	74.6	114.6
77	36.3	0.7	40.7
79	33.5	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF081421.D

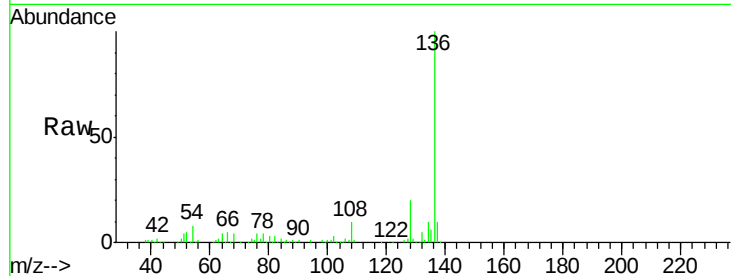
Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB85374BS



Tgt Ion:136 Resp: 260630

Ion Ratio Lower Upper

136 100

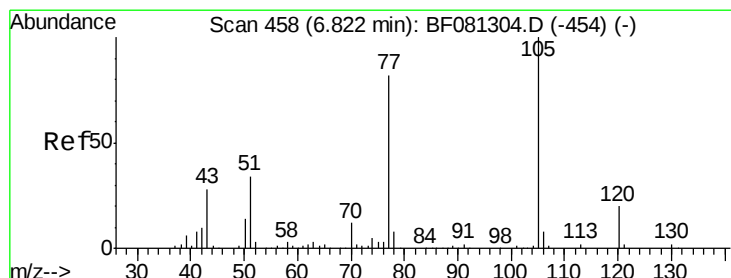
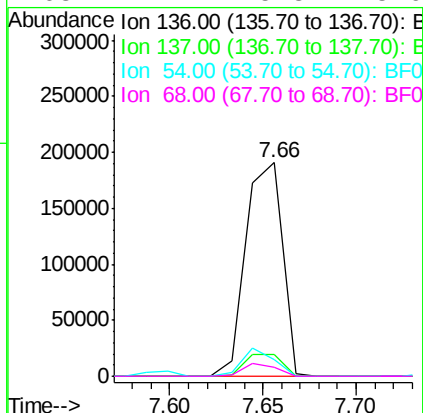
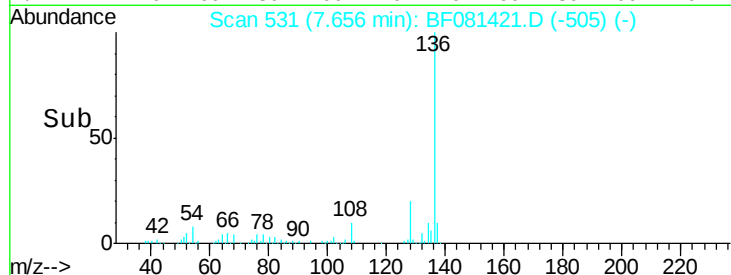
137 10.5 9.0 13.6

54 8.1 8.2 12.2#

68 4.2 5.8 8.6#

Manual Integrations
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#22

Acetophenone

Concen: 32.27 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Tgt Ion:105 Resp: 229731

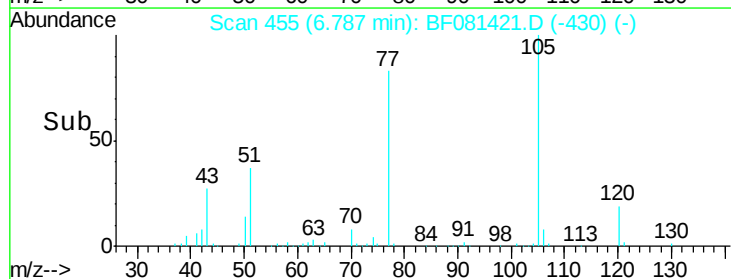
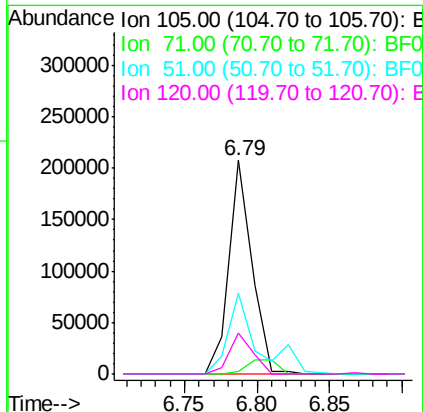
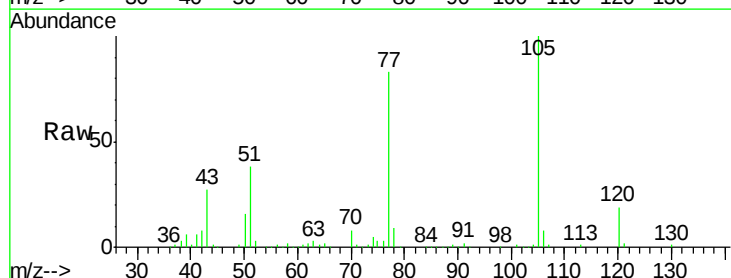
Ion Ratio Lower Upper

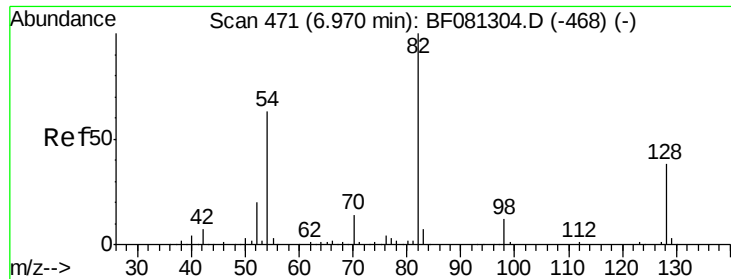
105 100

71 1.3 4.7 7.1#

51 37.5 22.0 33.0#

120 19.0 30.1 45.1#





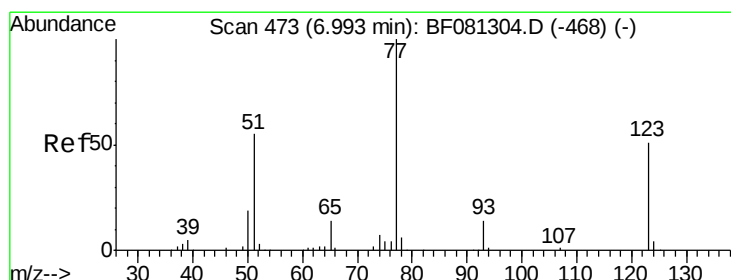
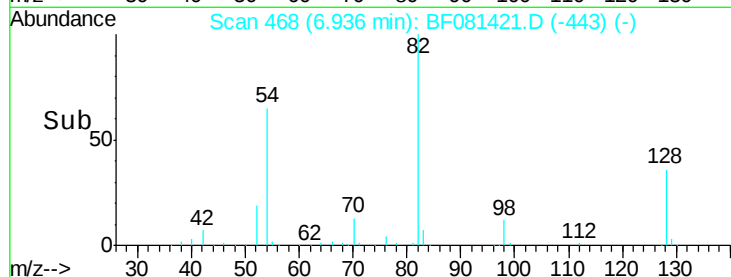
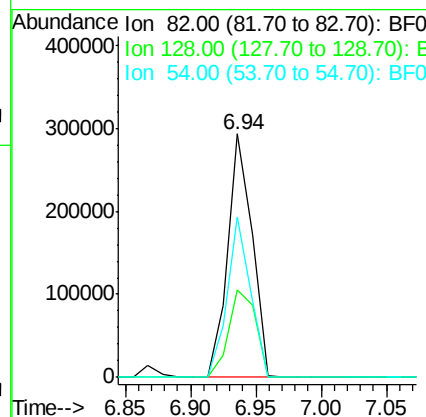
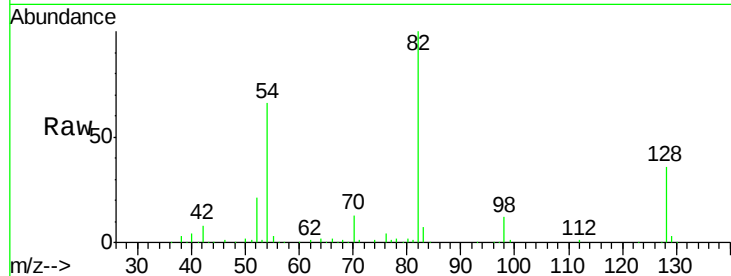
#23
Nitrobenzene-d5
Concen: 70.61 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB85374BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	381436		
128	36.2	51.0	76.6#	
54	66.0	47.5	71.3	

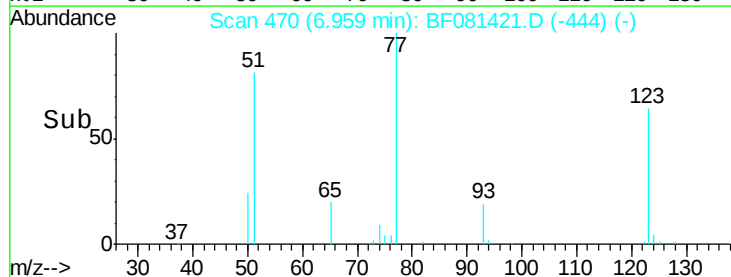
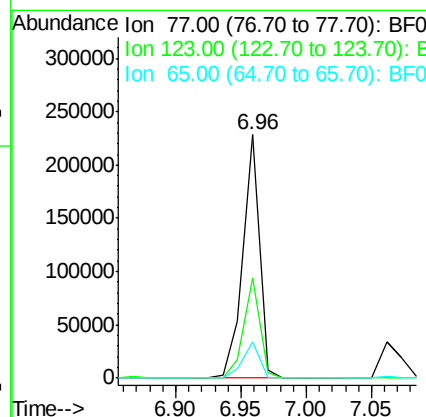
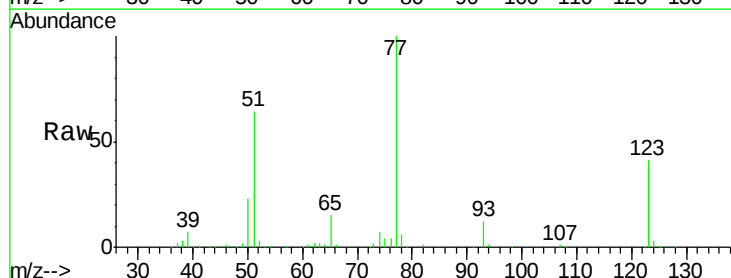
Manual Integrations
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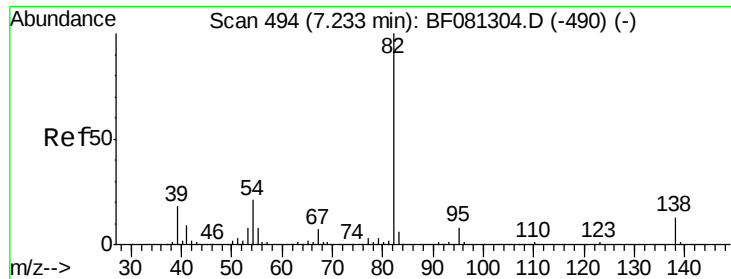
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#24
Nitrobenzene
Concen: 35.92 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	201489		
123	41.0	59.8	89.8#	
65	14.9	10.2	15.4	





#25

Isophorone

Concen: 33.42 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB85374BS

Tgt Ion: 82 Resp: 335794
Ion Ratio Lower Upper

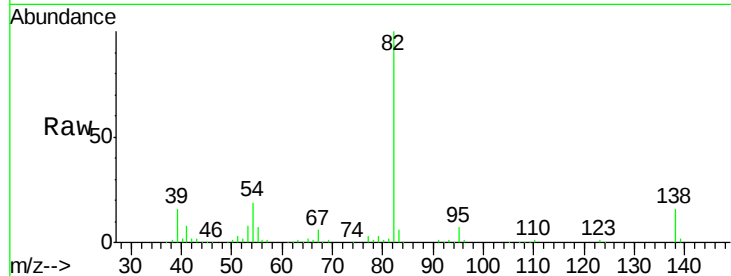
82 100

95 7.3 4.0 6.0#

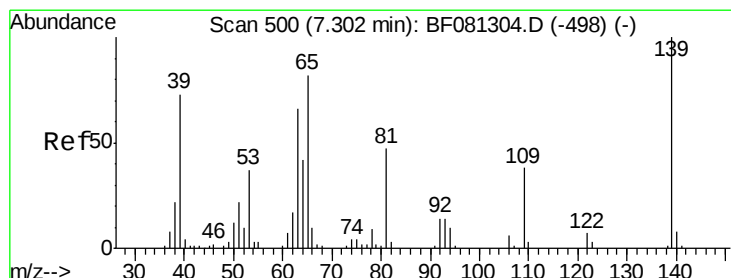
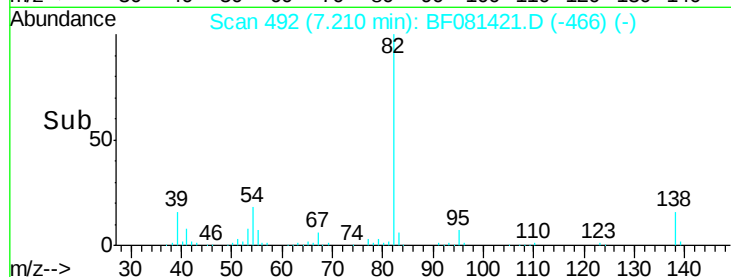
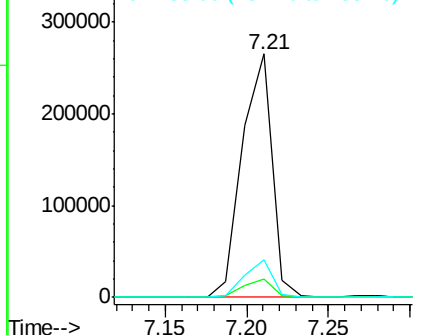
138 15.5 18.3 27.5#

Manual Integrations
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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: 35.81 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081421.D

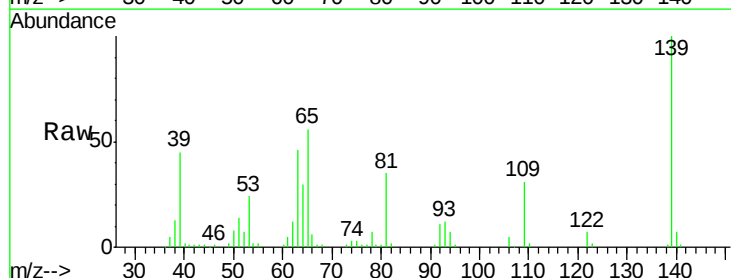
Acq: 4 Sep 2015 16:13

Tgt Ion: 139 Resp: 87568
Ion Ratio Lower Upper

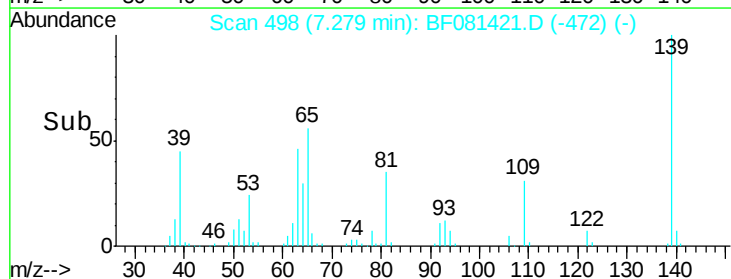
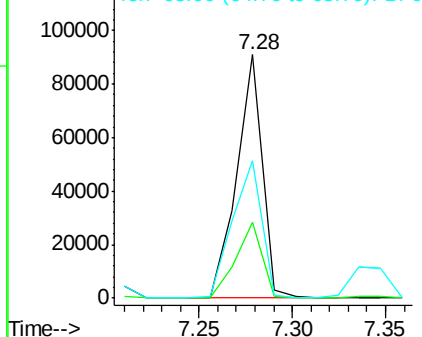
139 100

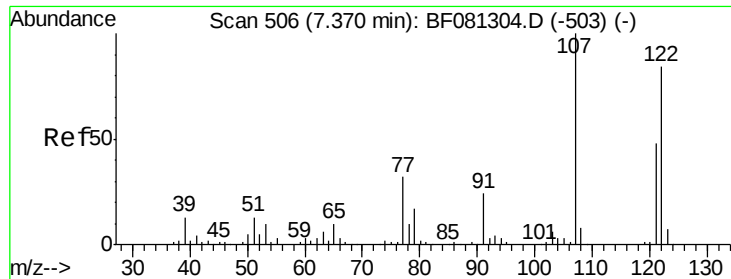
109 31.0 11.0 16.4#

65 56.2 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





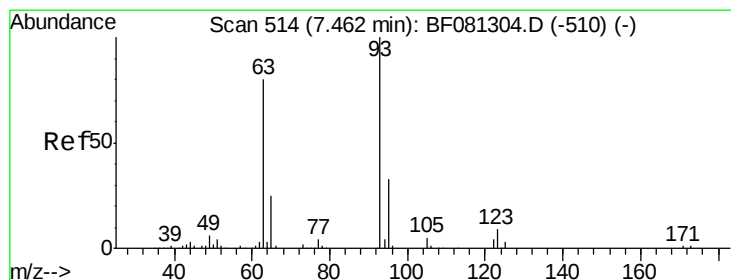
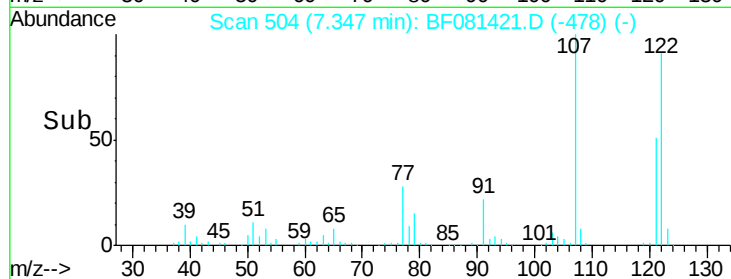
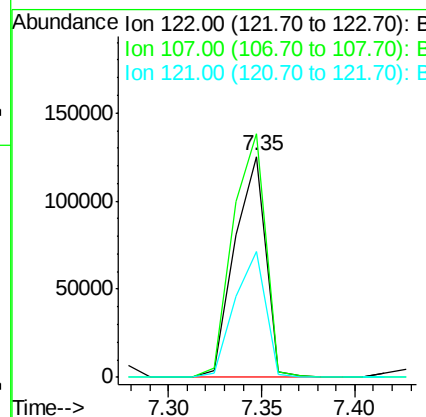
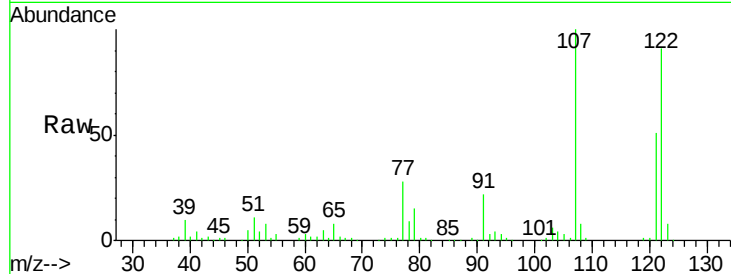
#27
 2,4-Dimethylphenol
 Concen: 34.69 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	146501		
107	110.3	71.8	107.6#	
121	56.8	42.3	63.5	

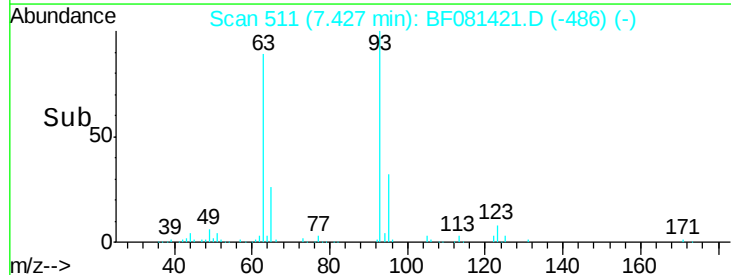
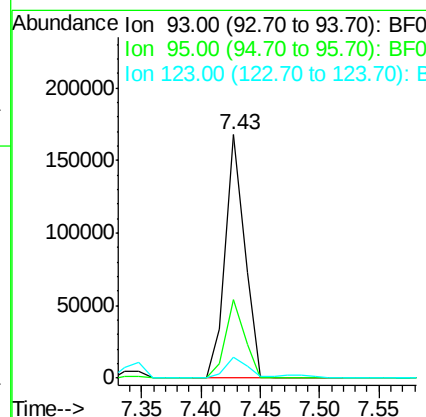
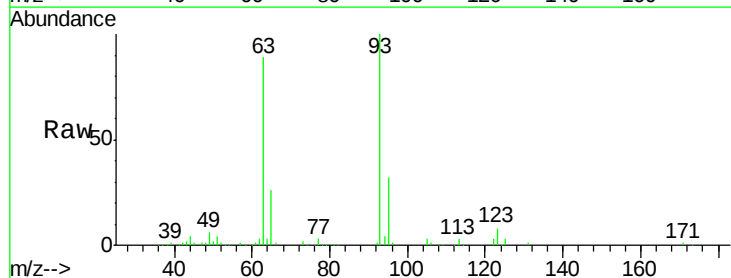
Manual Integrations
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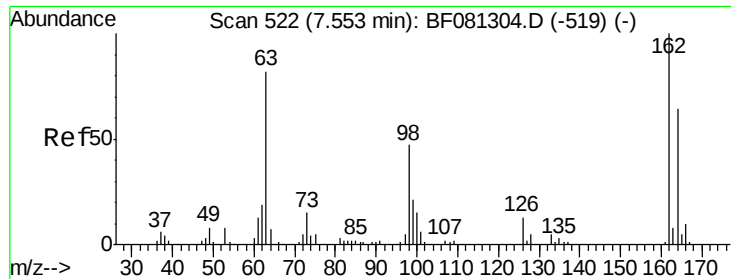
MMDadoda
 9/8/2015 1:56:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.63 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	189361		
95	32.3	27.5	41.3	
123	8.5	13.7	20.5#	





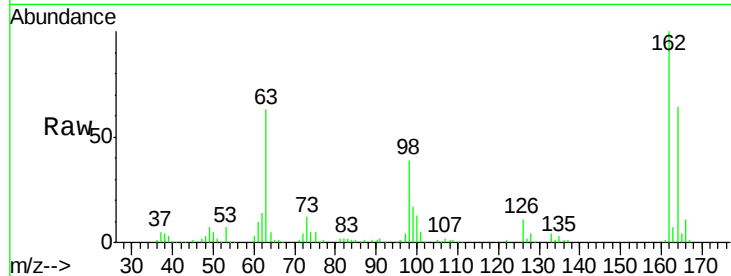
#29
 2,4-Dichlorophenol
 Concen: 36.19 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

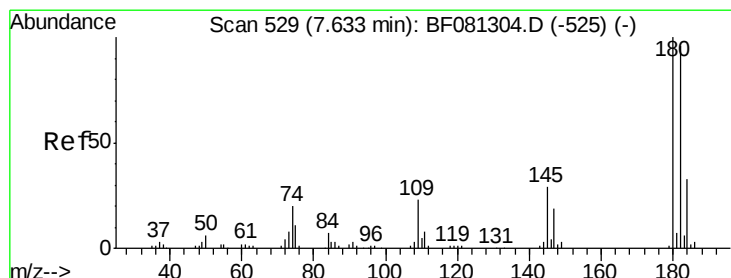
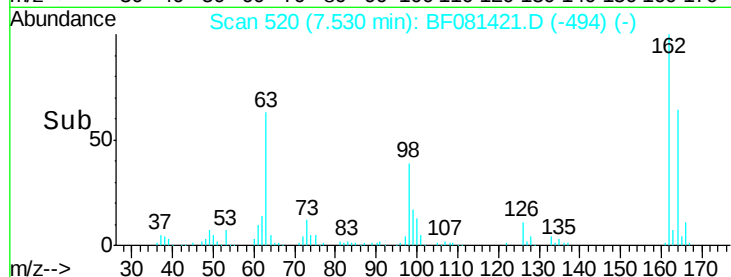
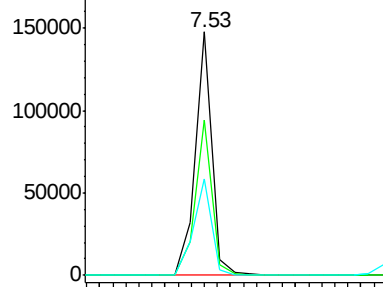
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	132532		
164	63.8	44.9	84.9	
98	39.4	13.0	53.0	

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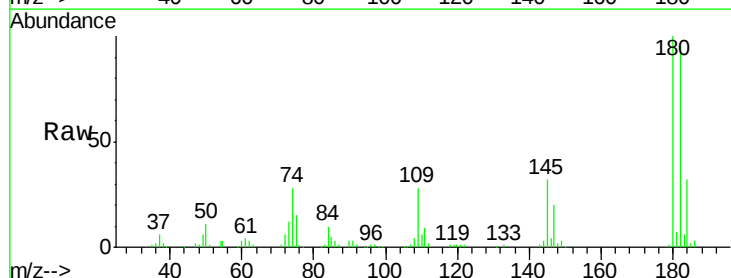


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

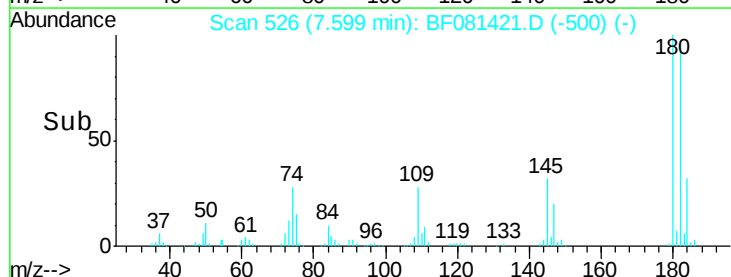
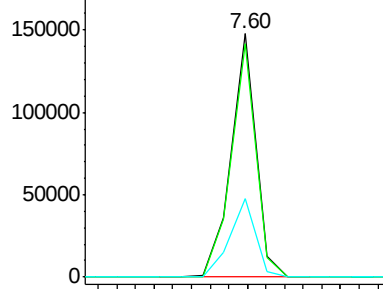


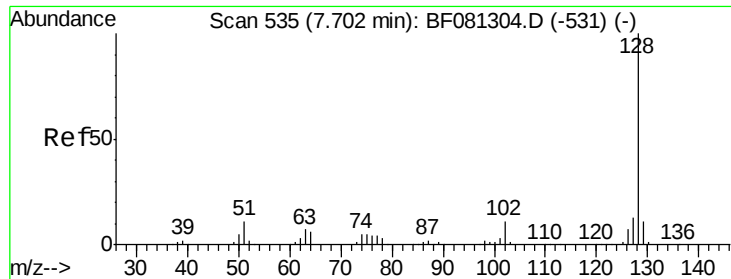
#30
 1,2,4-Trichlorobenzene
 Concen: 34.05 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	135447		
182	95.6	77.1	115.7	
145	32.3	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





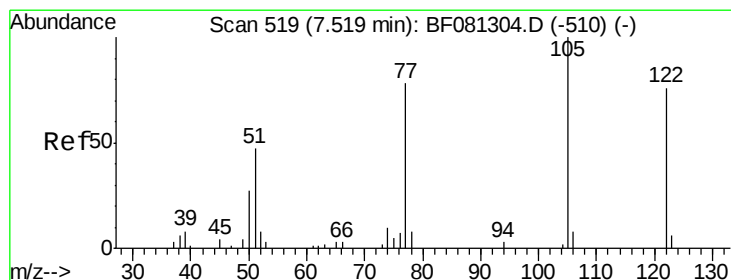
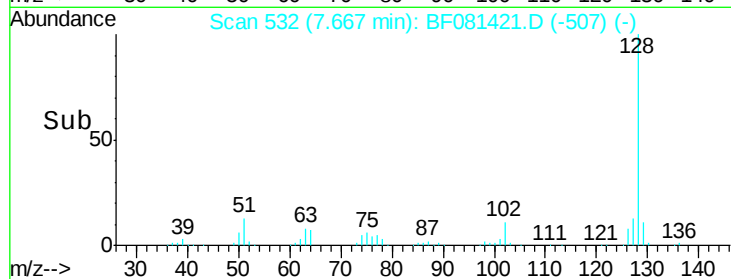
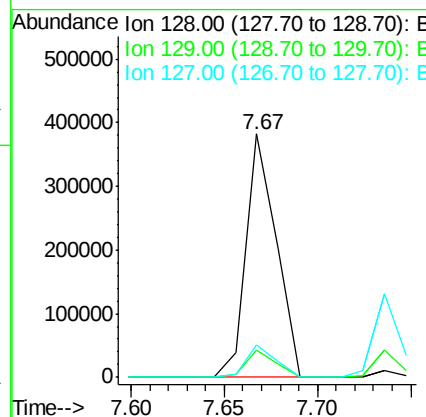
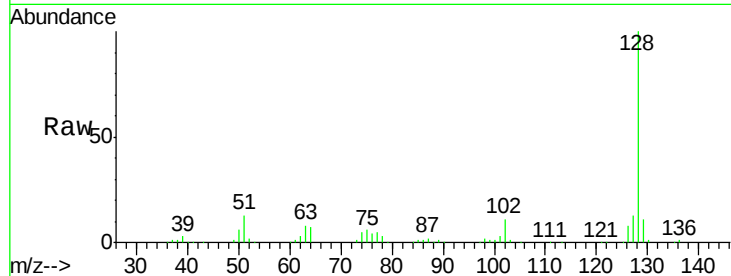
#31
Naphthalene
Concen: 30.83 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB85374BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	8.4	12.6
127	13.2	9.9	14.9

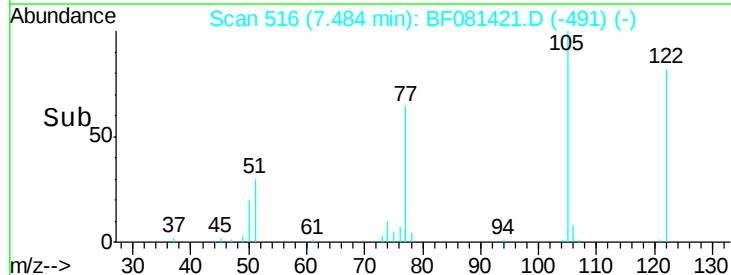
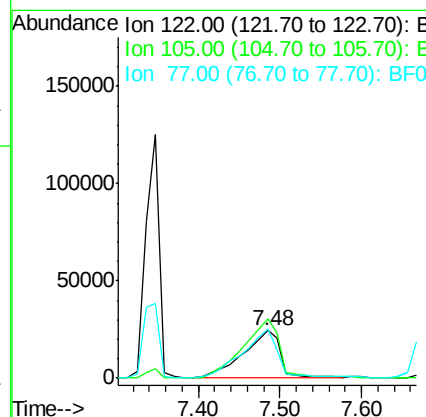
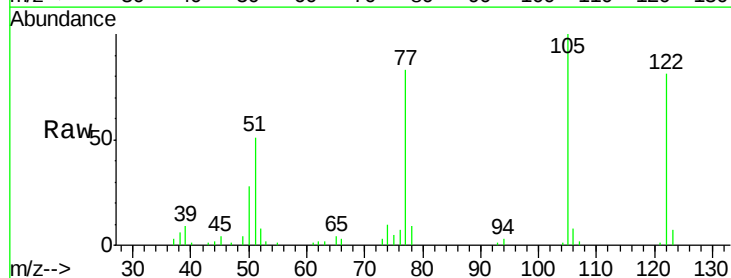
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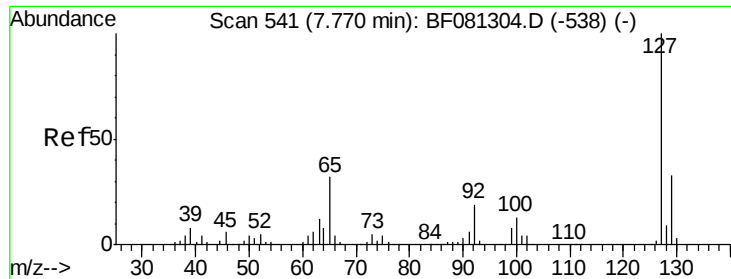
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#32
Benzoic acid
Concen: 26.82 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	124.1	76.1	116.1#
77	103.4	40.5	80.5#





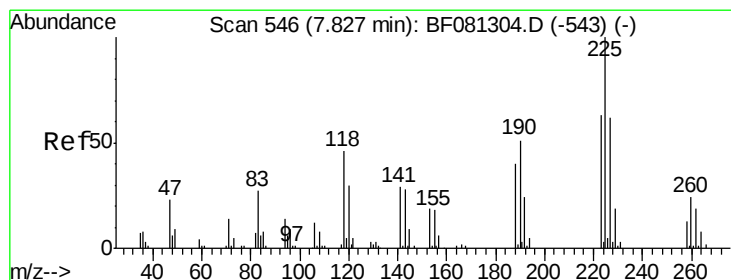
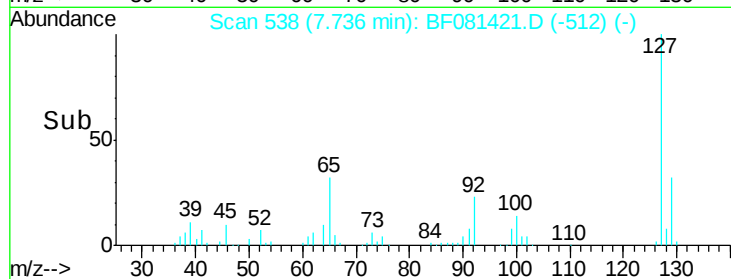
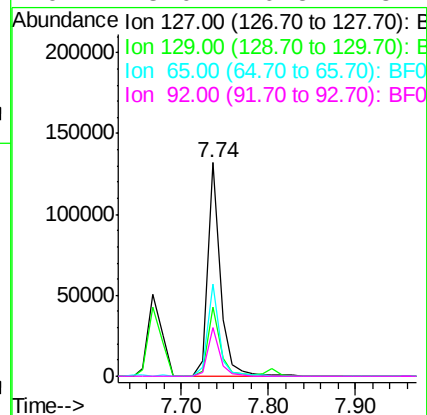
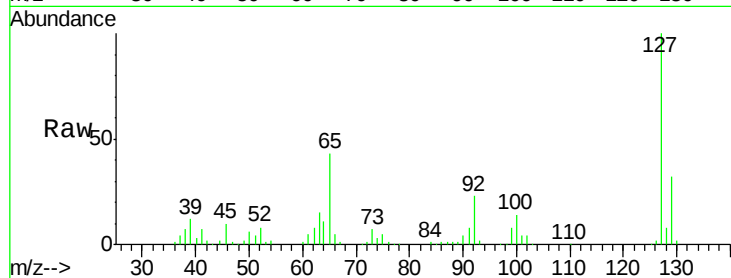
#33
4-Chloroaniline
Concen: 23.39 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB85374BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.3	25.8	38.6
65	43.0	17.9	26.9
92	23.0	10.5	15.7

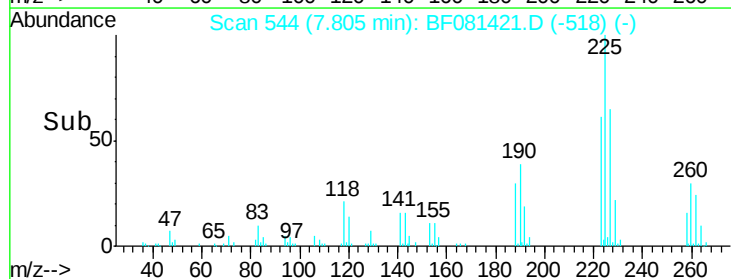
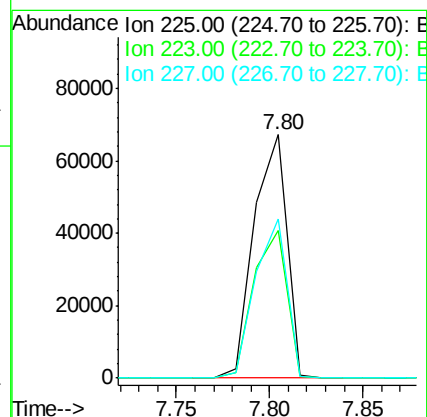
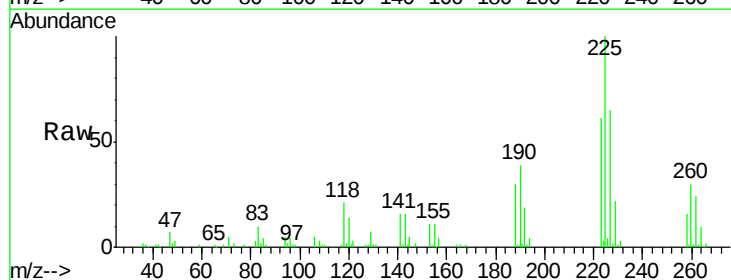
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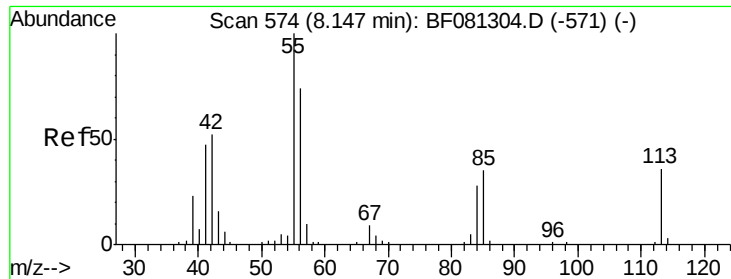
MMDadoda
9/8/2015 1:56:44 PM



#34
Hexachlorobutadiene
Concen: 33.72 ng
RT: 7.80 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	60.6	50.2	75.2
227	65.2	52.2	78.2





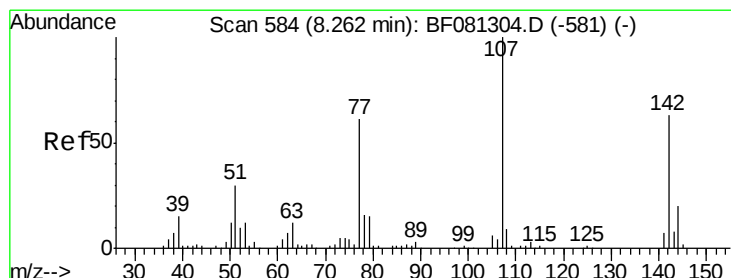
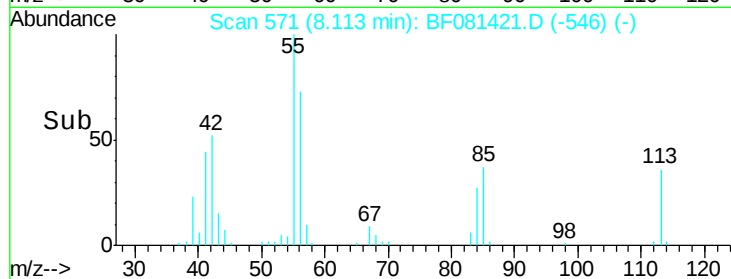
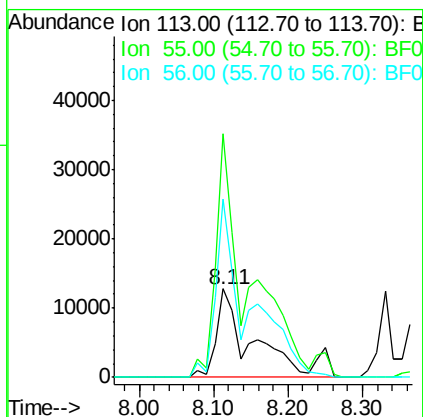
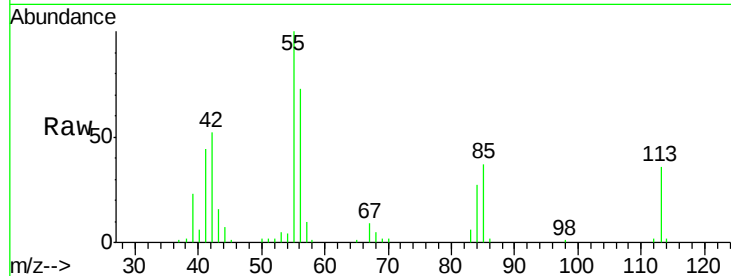
#35
 Caprolactam
 Concen: 39.30 ng m
 RT: 8.11 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	275.0	152.4	192.4#
56	201.6	104.6	144.6#

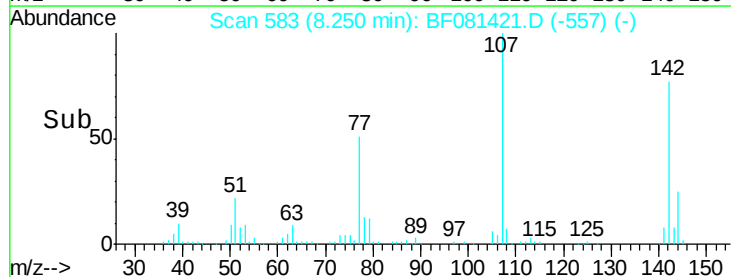
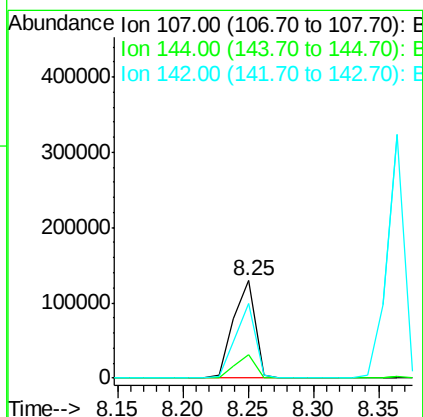
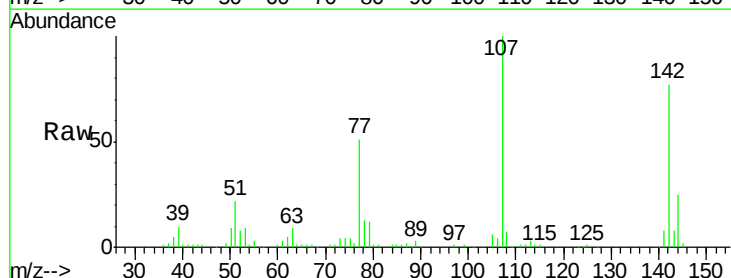
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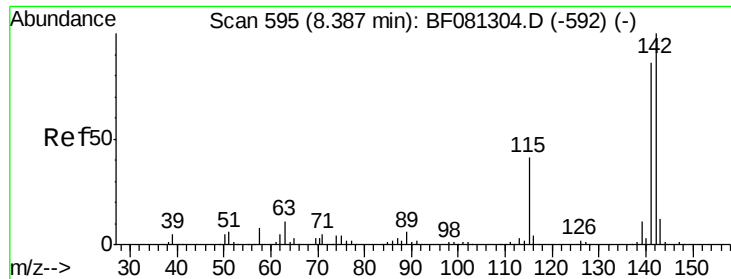
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#36
 4-Chloro-3-methylphenol
 Concen: 36.47 ng
 RT: 8.25 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

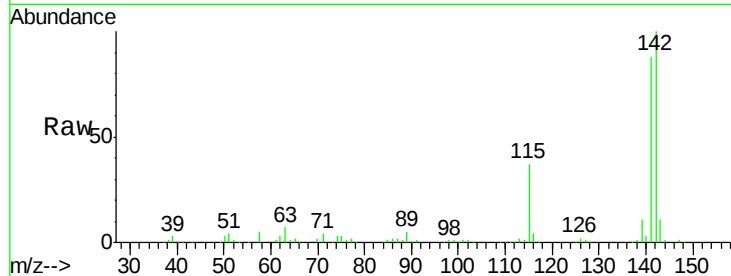
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	25.4	38.0#
142	76.6	77.3	115.9#





#37
 2-Methylnaphthalene
 Concen: 33.01 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

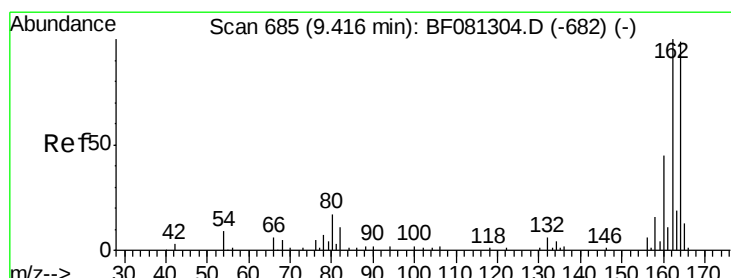
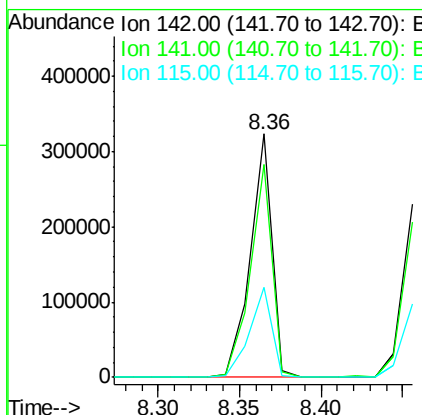
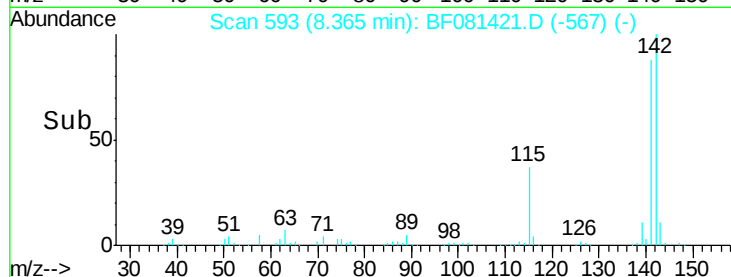
Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS



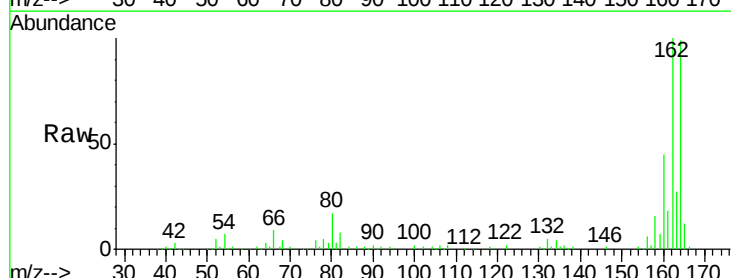
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	67.5	101.3
115	37.2	18.2	27.2

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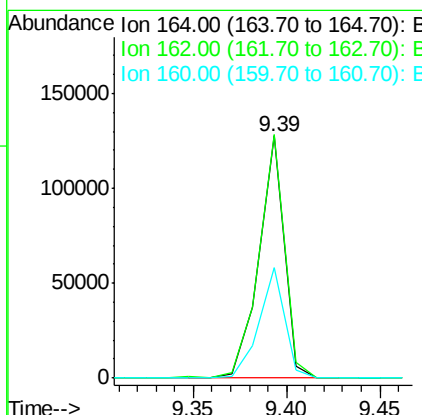
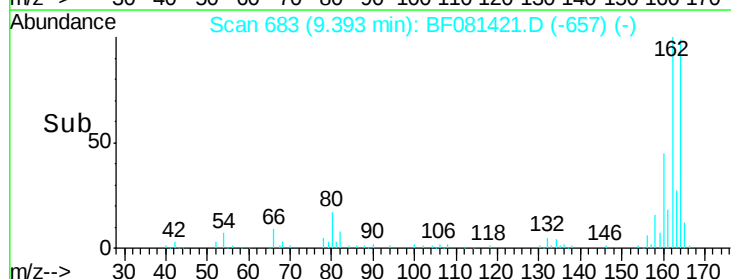
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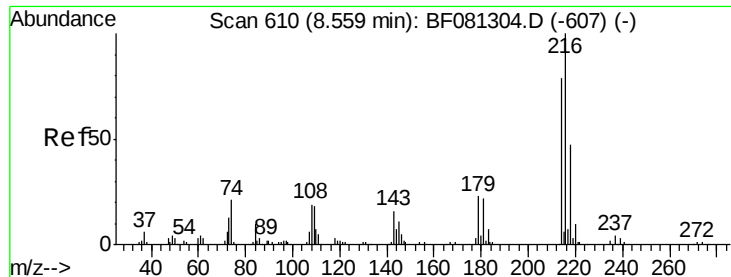


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13



Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	75.2	112.8
160	45.6	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.97 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

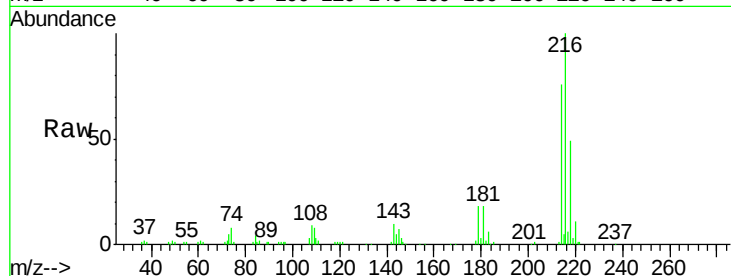
ClientSampleId :

PB85374BS

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		116492		
214	78.6	63.5	95.3		
179	21.1	16.6	24.8		
108	21.6	16.3	24.5		

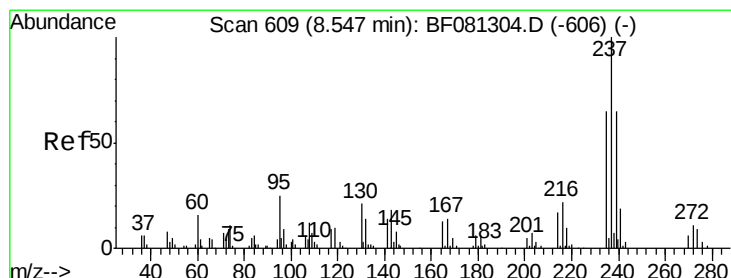
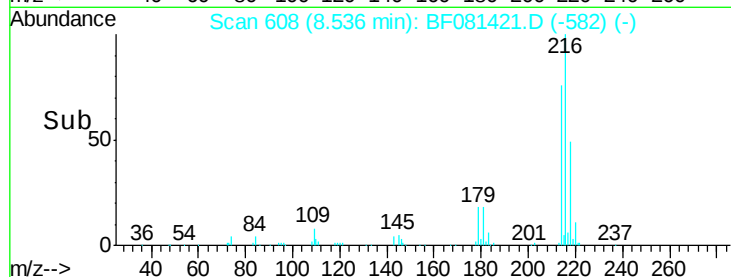
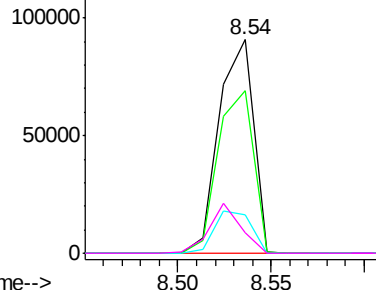


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.69 ng

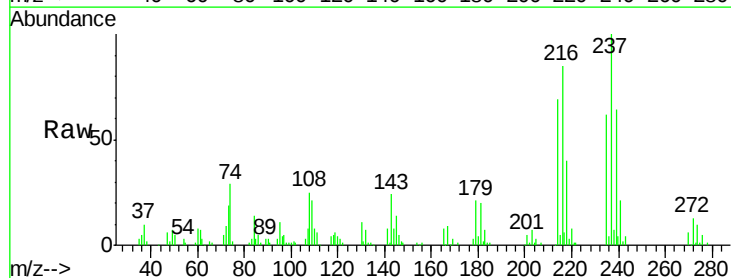
RT: 8.52 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

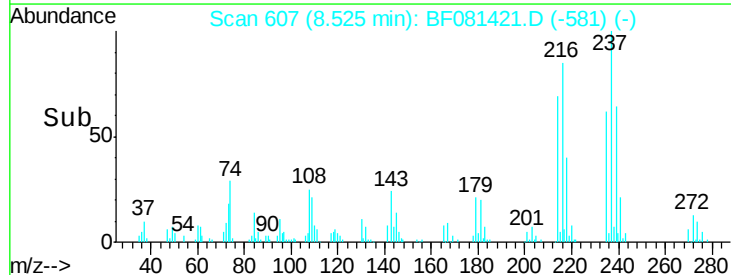
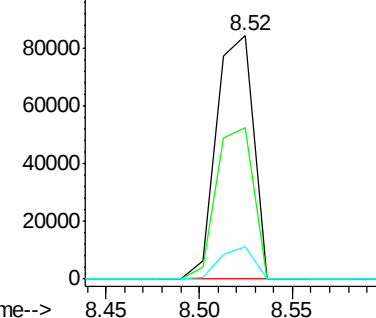
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		115727		
235	62.1	42.0	82.0		
272	13.1	0.0	36.1		

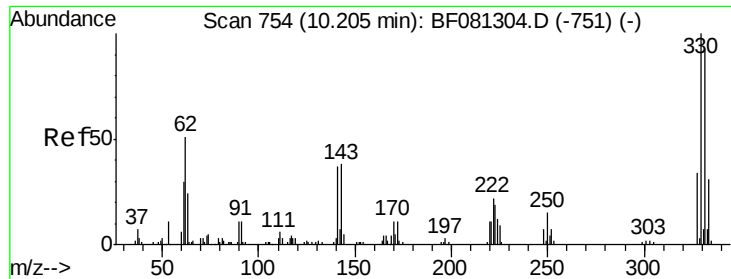


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





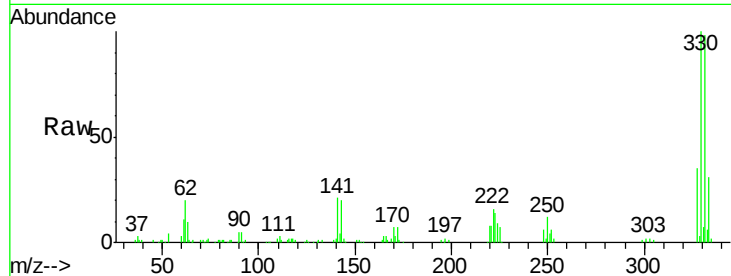
#41
 2,4,6-Tribromophenol
 Concen: 126.27 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

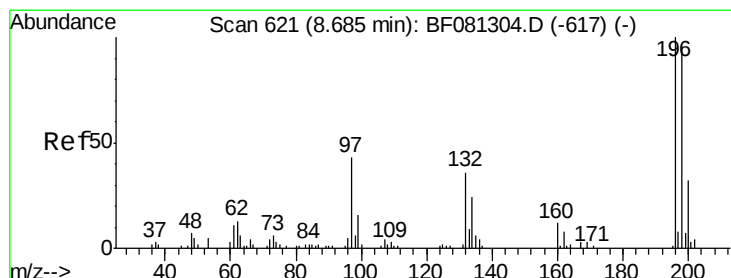
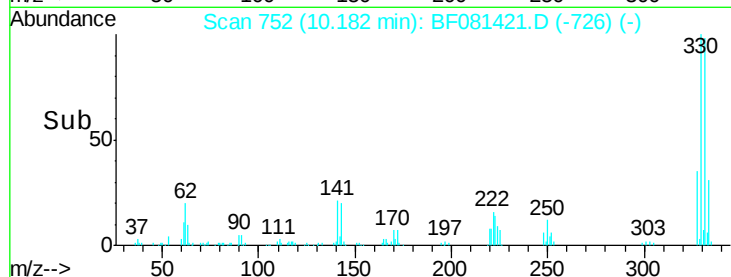
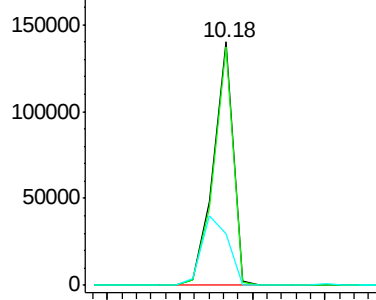
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	133723		
332	96.6	76.6	114.8	
141	38.3	29.7	44.5	

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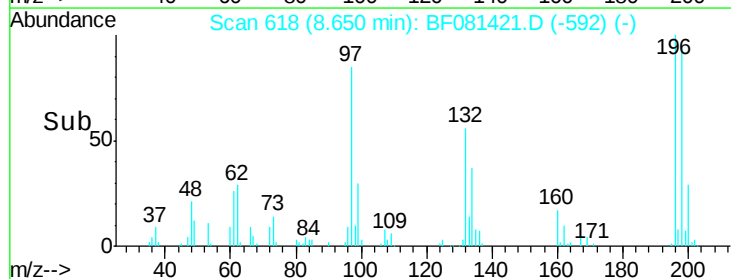
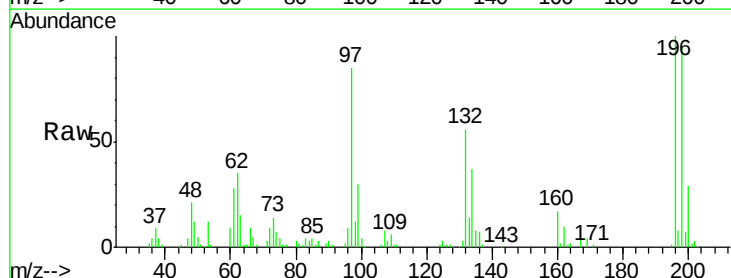
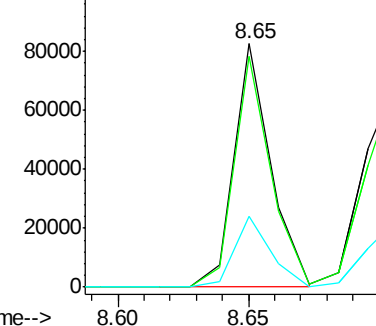
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

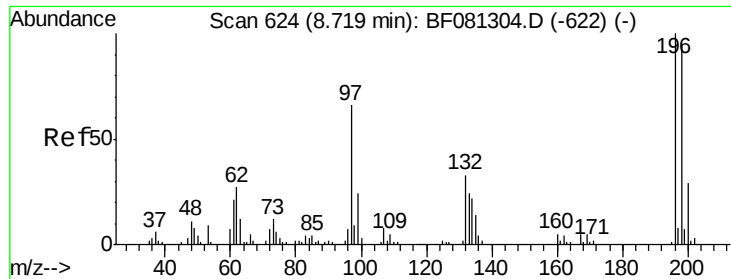


#42
 2,4,6-Trichlorophenol
 Concen: 31.17 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80903		
198	94.6	75.7	113.5	
200	28.9	23.9	35.9	

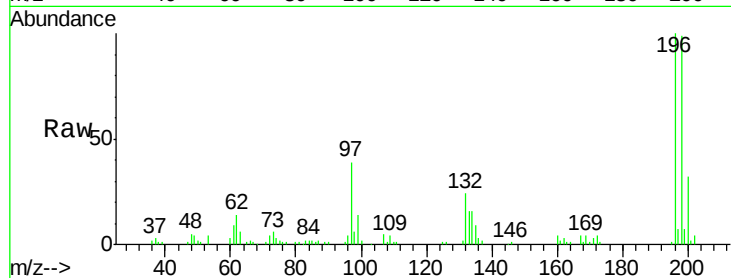
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 33.12 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

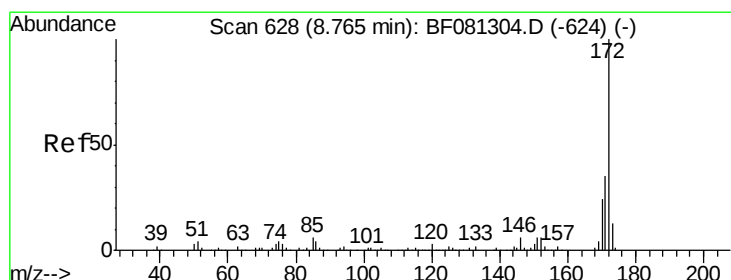
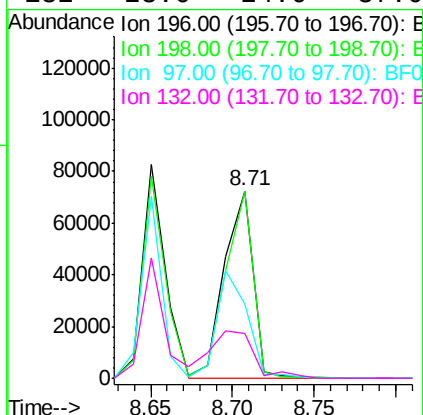
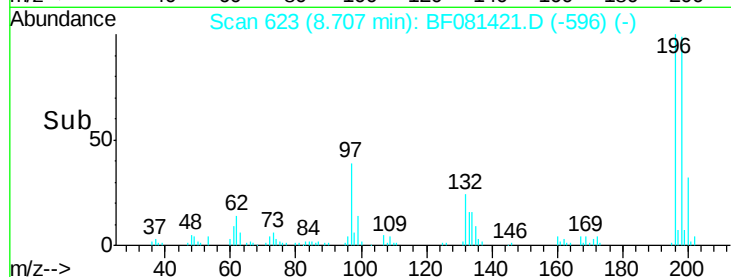
Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS



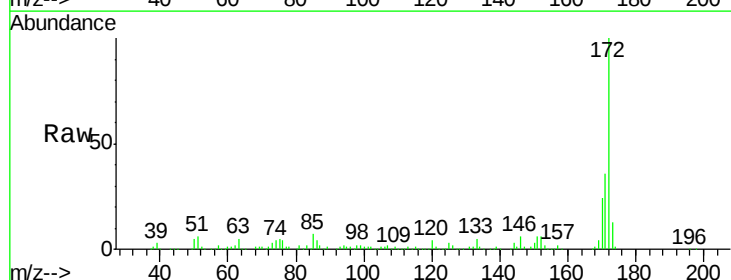
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	87705		
198	99.4	75.4	113.0	
97	39.4	33.3	49.9	
132	23.6	24.6	37.0	

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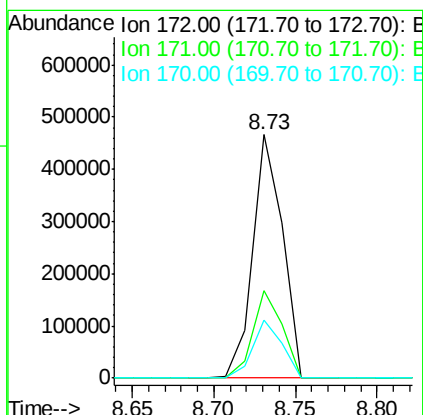
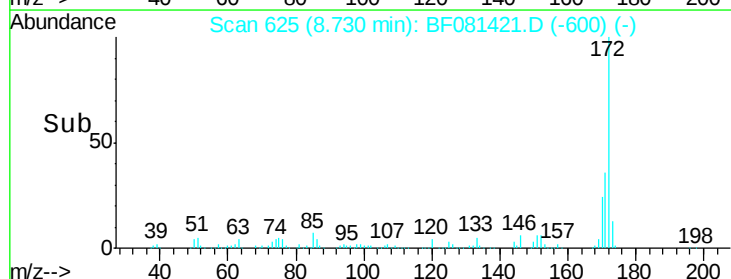
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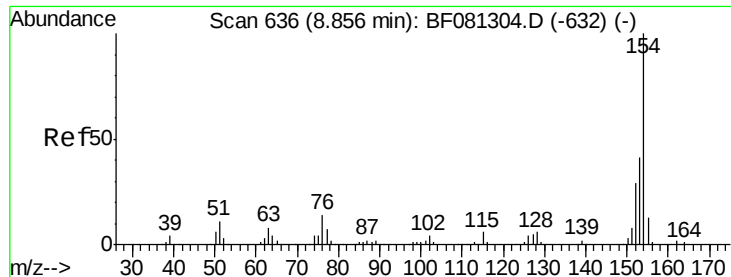


#44
 2-Fluorobiphenyl
 Concen: 63.65 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	590700		
171	35.8	26.1	39.1	
170	23.6	17.4	26.2	





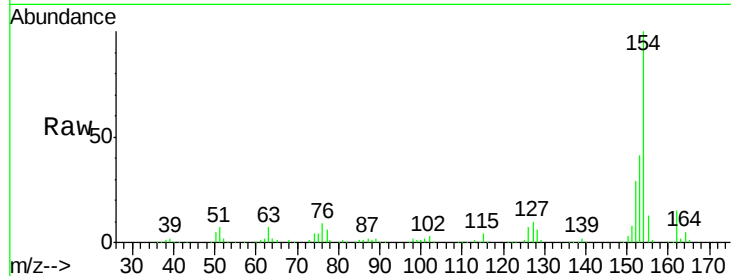
#45
1,1'-Biphenyl
Concen: 32.07 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB85374BS

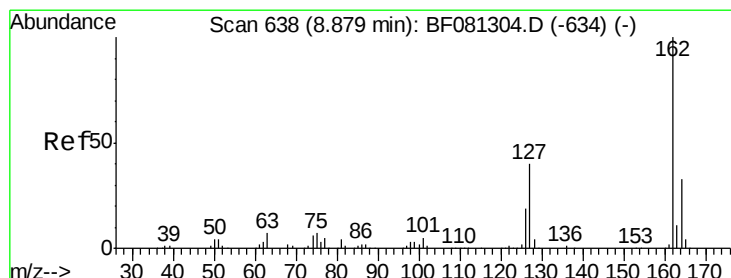
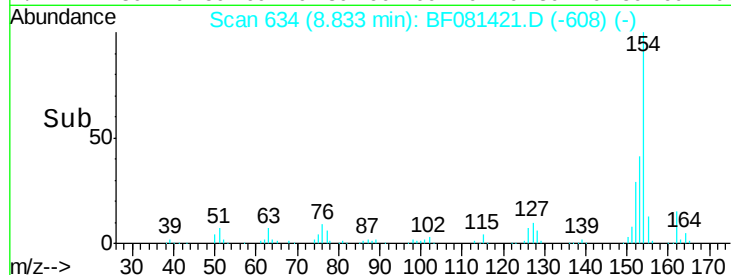
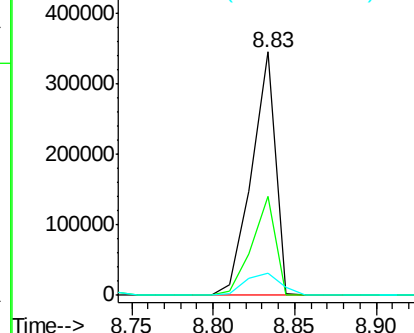
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	17.1	57.1	
76	9.1	0.0	31.6	

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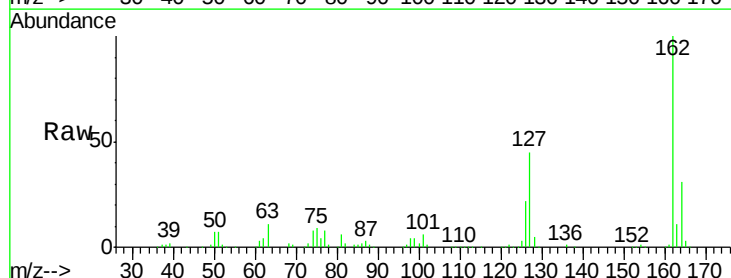


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

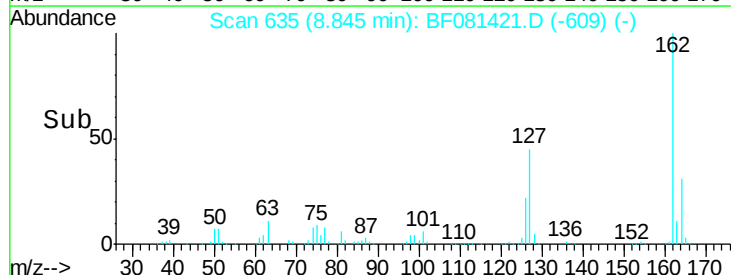
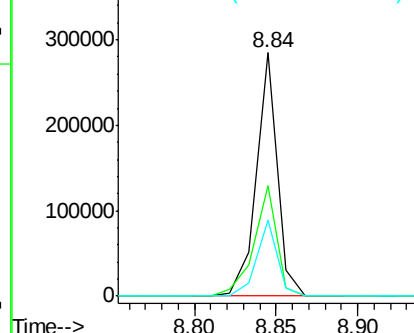


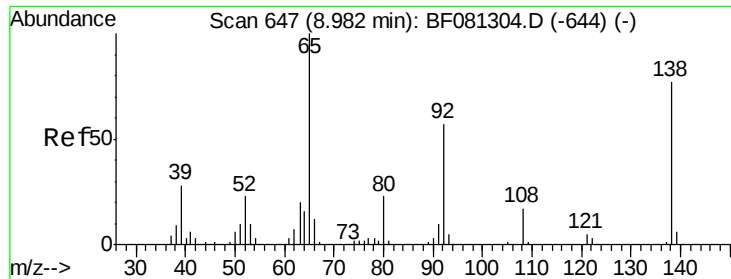
#46
2-Chloronaphthalene
Concen: 32.08 ng
RT: 8.84 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	45.2	27.6	41.4#	
164	31.4	25.4	38.2	



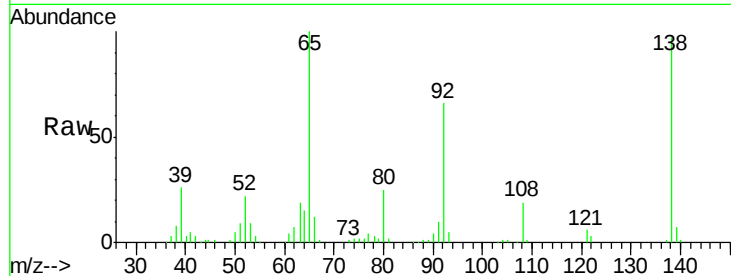
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47
2-Nitroaniline
Concen: 35.81 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

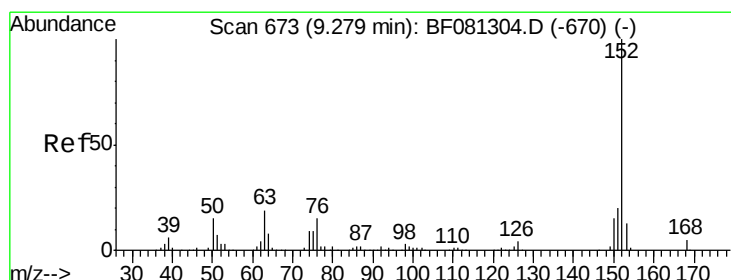
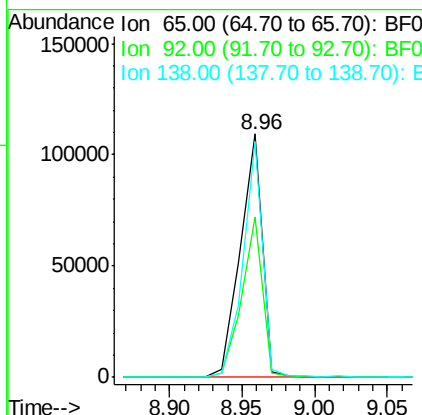
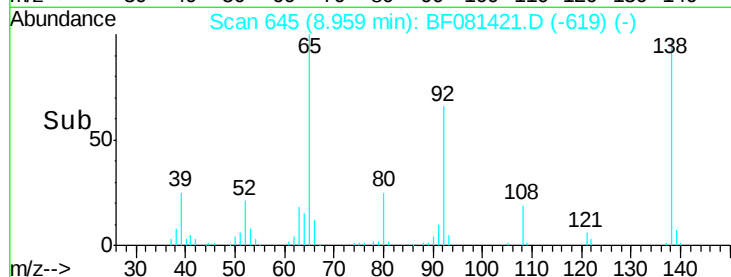
Instrument :
BNA_F
ClientSampleId :
PB85374BS



Tgt Ion: 65 Resp: 115338
Ion Ratio Lower Upper
65 100
92 65.9 55.4 83.0
138 96.9 115.5 173.3#

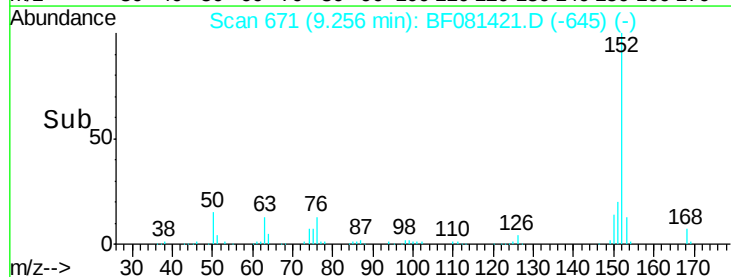
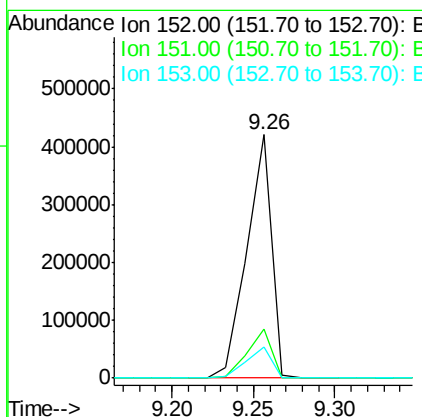
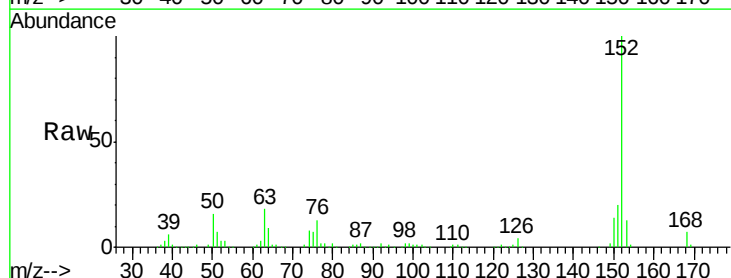
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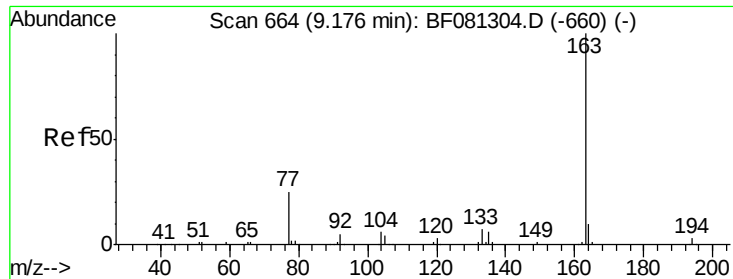
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#48
Acenaphthylene
Concen: 31.43 ng
RT: 9.26 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion: 152 Resp: 440610
Ion Ratio Lower Upper
152 100
151 20.2 14.6 22.0
153 12.8 10.3 15.5





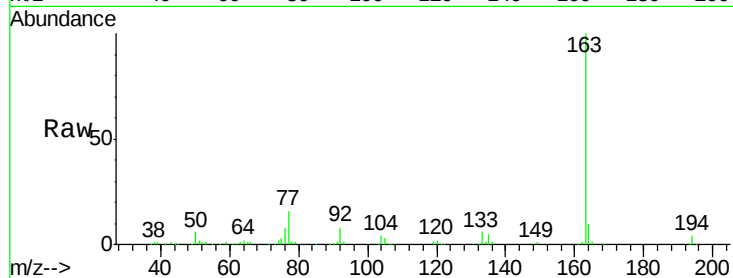
#49
Dimethylphthalate
Concen: 34.52 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB85374BS

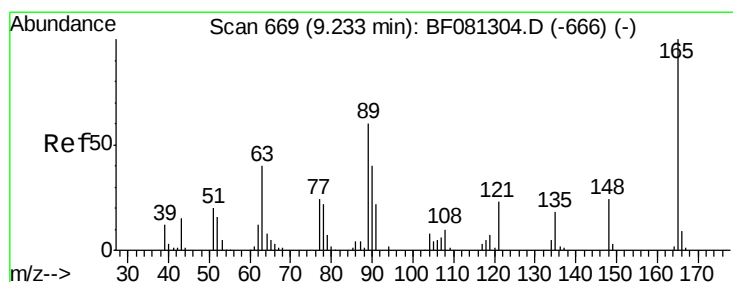
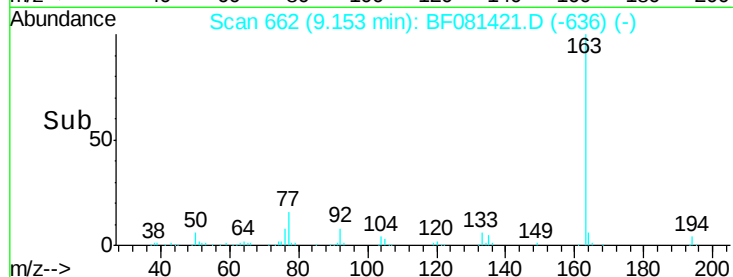
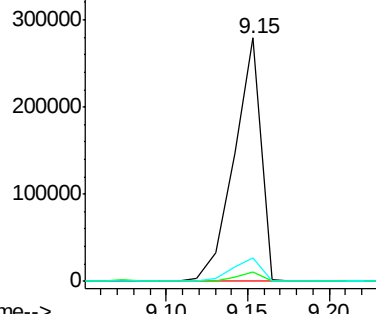
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	4.4	6.6#
164	9.7	8.3	12.5

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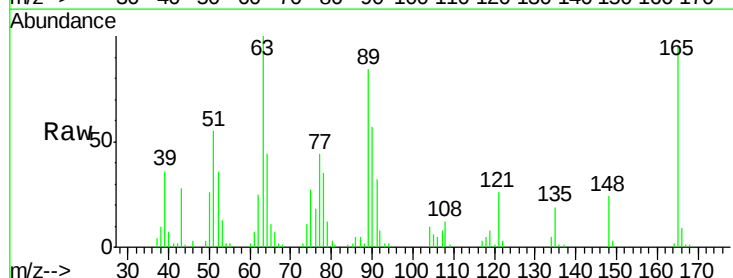


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

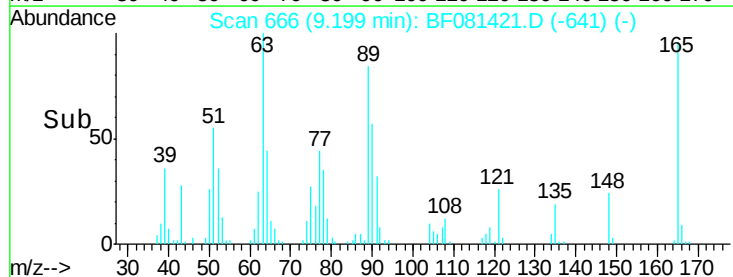
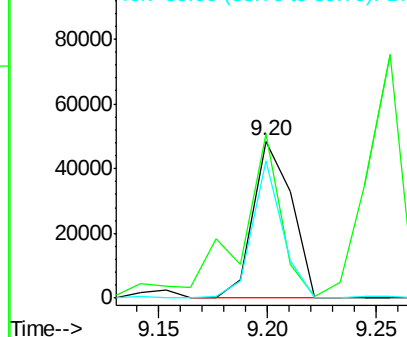


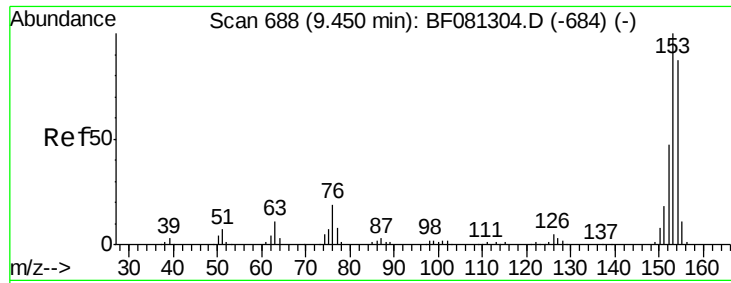
#50
2,6-Dinitrotoluene
Concen: 28.66 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	104.2	32.3	48.5#
89	87.4	28.6	43.0#



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: 33.39 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081421.D

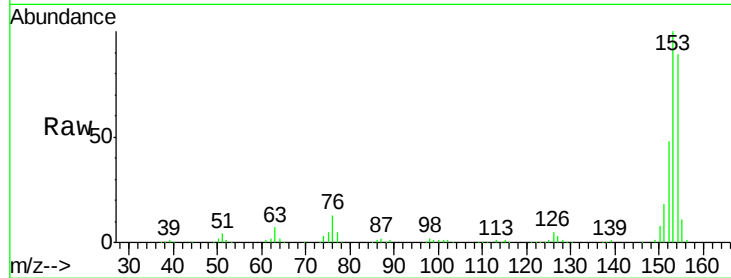
Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

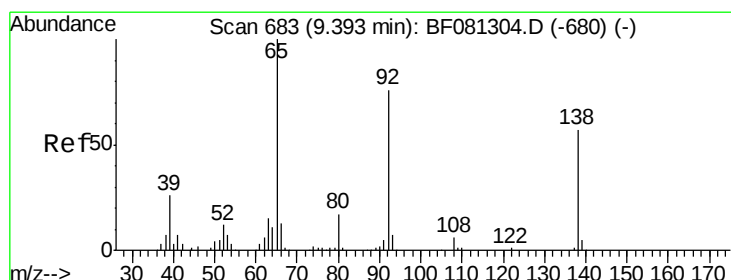
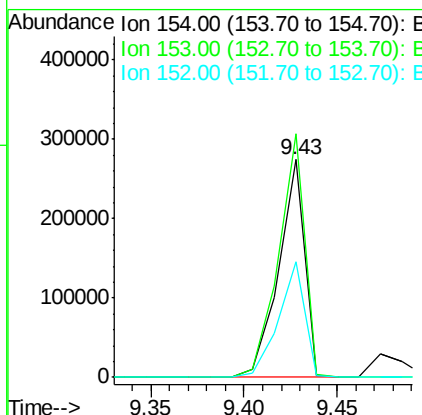
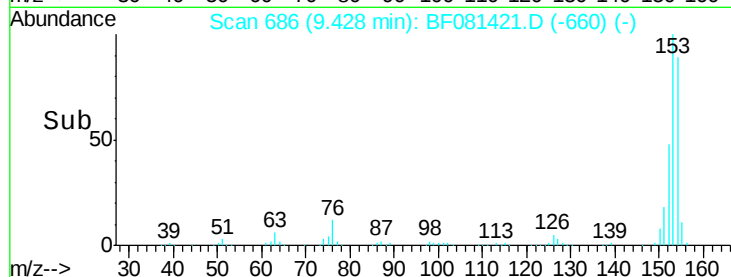
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100	266252		
153	111.8	82.1	123.1	
152	53.4	37.9	56.9	

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#52

3-Nitroaniline

Concen: 26.06 ng

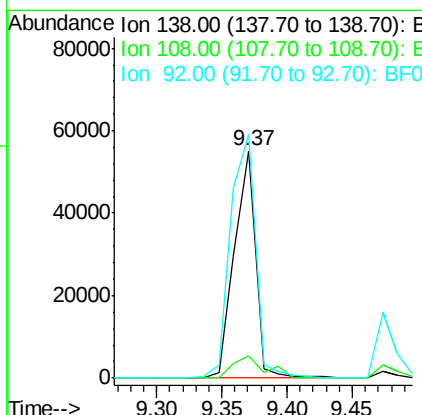
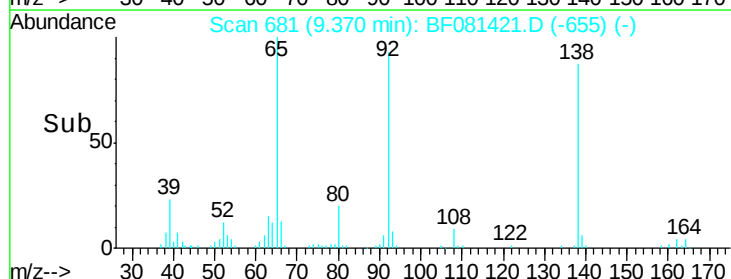
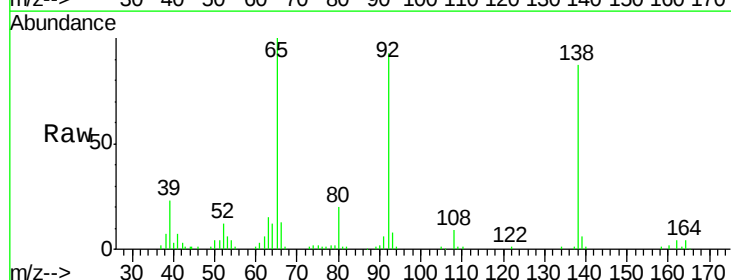
RT: 9.37 min Scan# 681

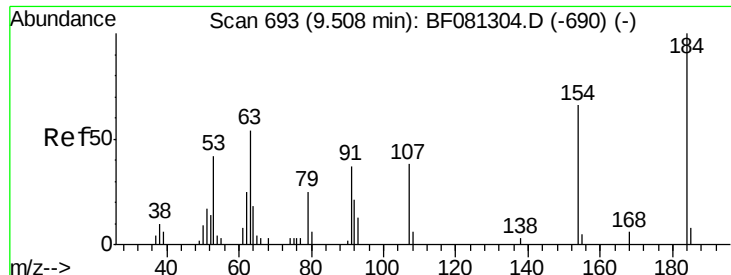
Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	62223		
108	9.9	5.7	8.5#	
92	107.0	67.7	101.5#	





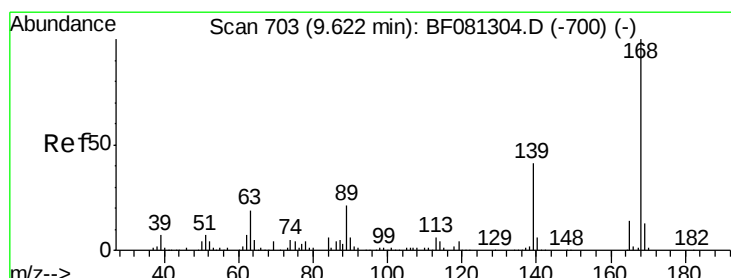
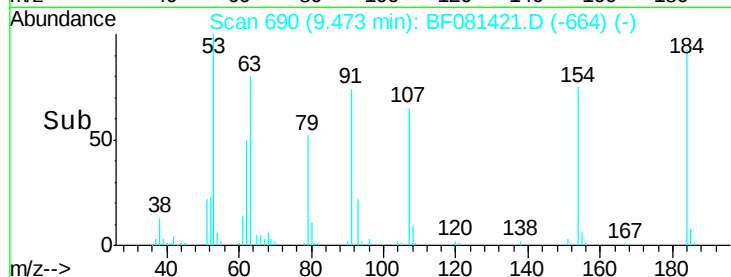
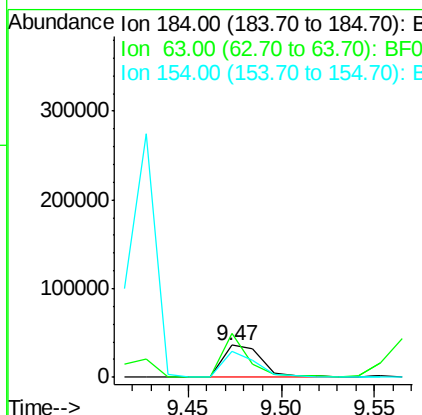
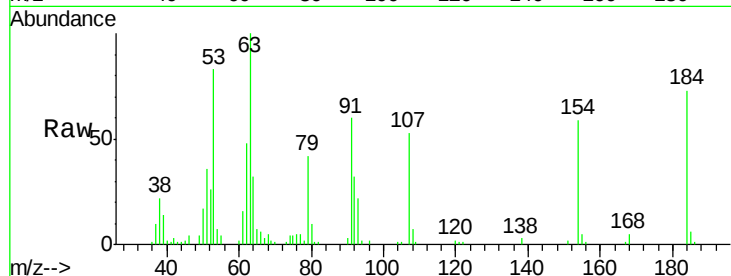
#53
2,4-Dinitrophenol
Concen: 60.27 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB85374BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	53238		
63	136.7	35.4	53.2#	
154	80.8	32.2	48.4#	

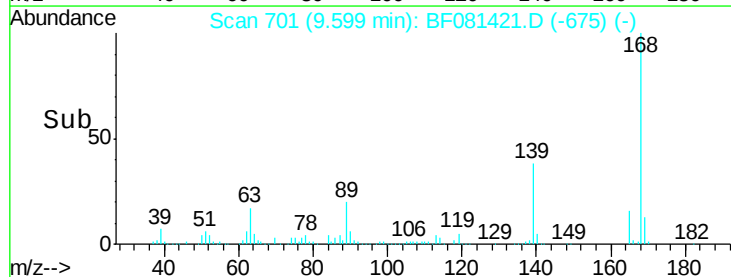
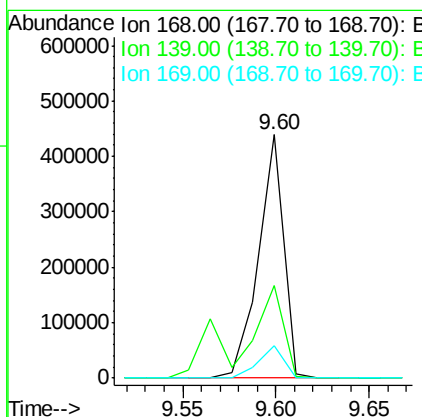
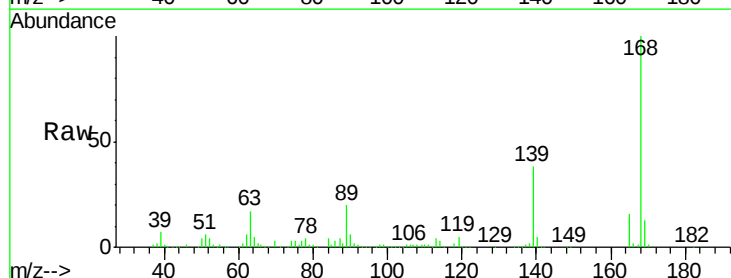
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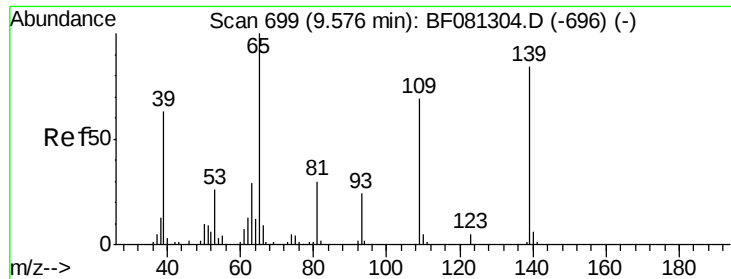
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#54
Dibenzofuran
Concen: 35.00 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	407501		
139	38.2	24.2	36.2#	
169	13.2	10.6	15.8	





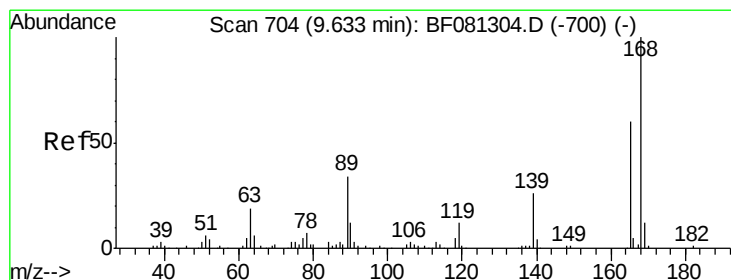
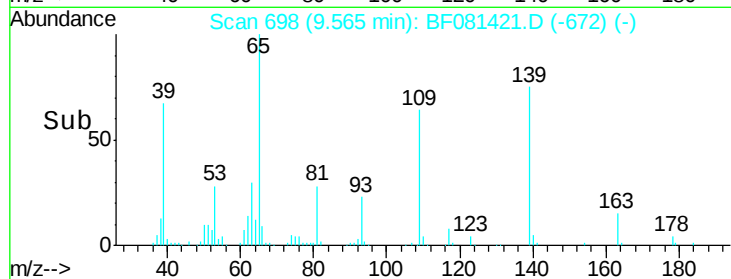
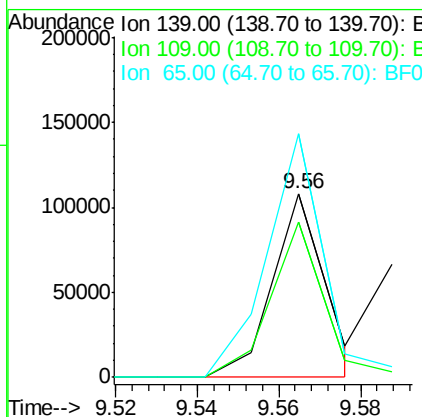
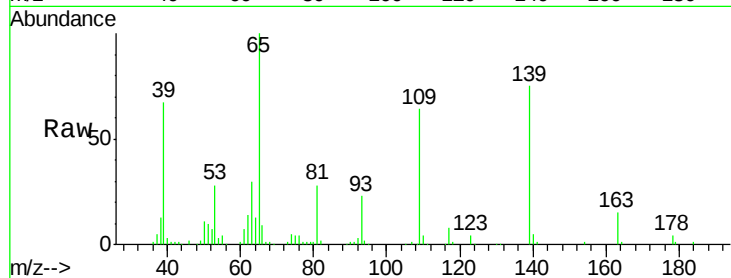
#55
4-Nitrophenol
Concen: 64.76 ng m
RT: 9.56 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB85374BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	97134		
109	84.3	12.7	52.7#	
65	132.5	45.9	85.9#	

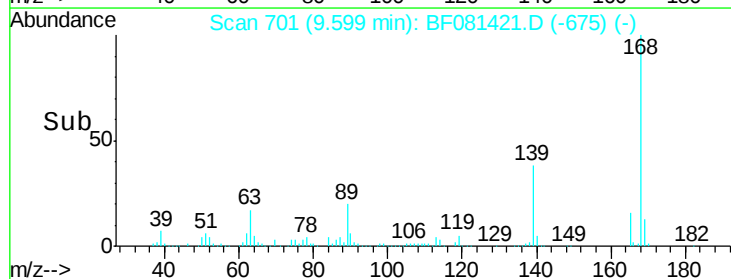
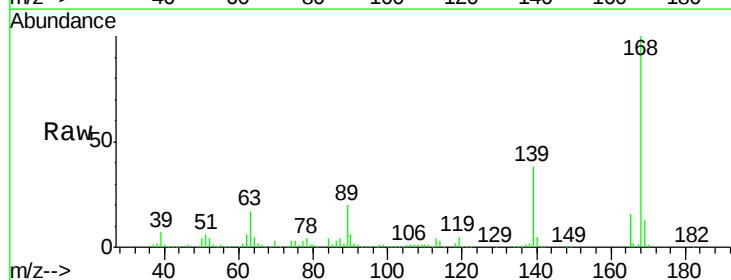
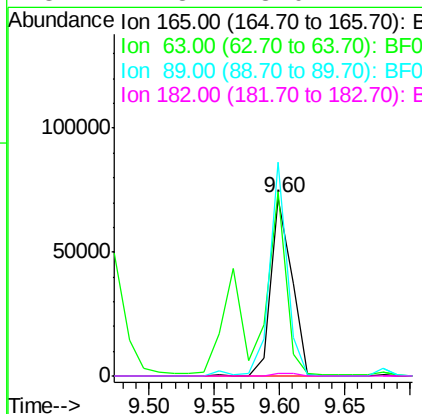
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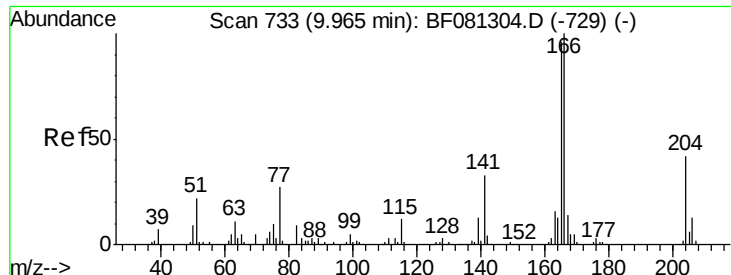
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#56
2,4-Dinitrotoluene
Concen: 30.09 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	80343		
63	103.2	29.8	44.6#	
89	119.8	44.5	66.7#	
182	1.8	3.0	4.4#	





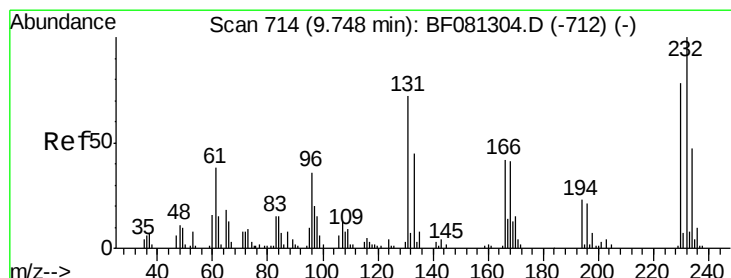
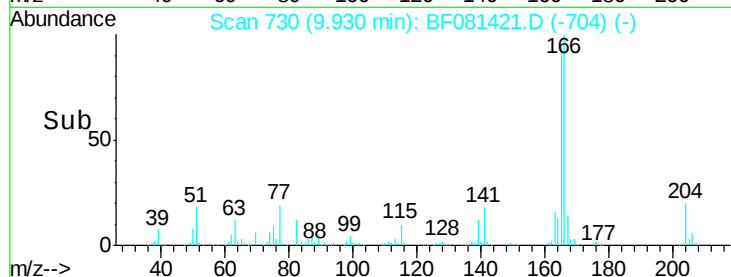
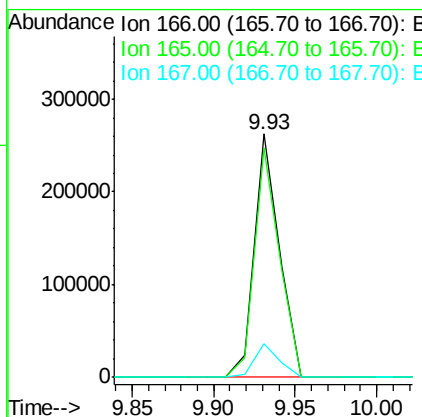
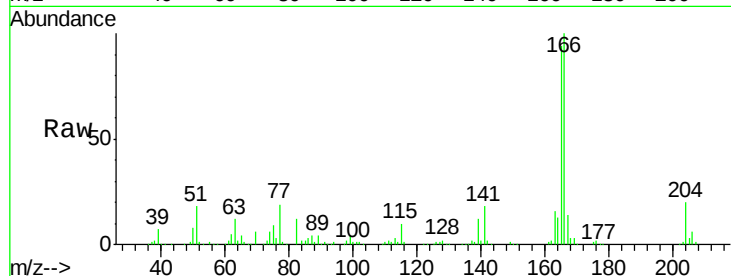
#57
Fluorene
 Concen: 31.56 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	278868		
165	94.5	72.6	109.0	
167	13.8	10.6	16.0	

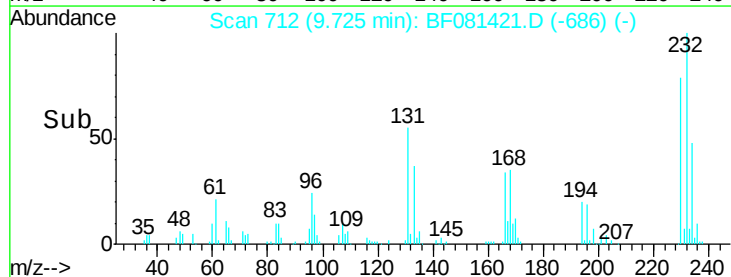
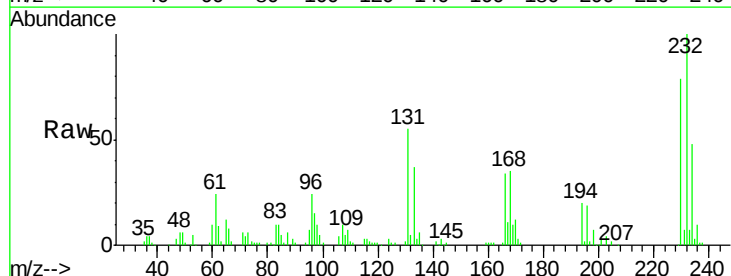
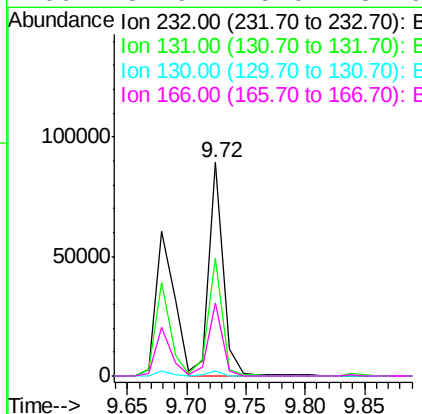
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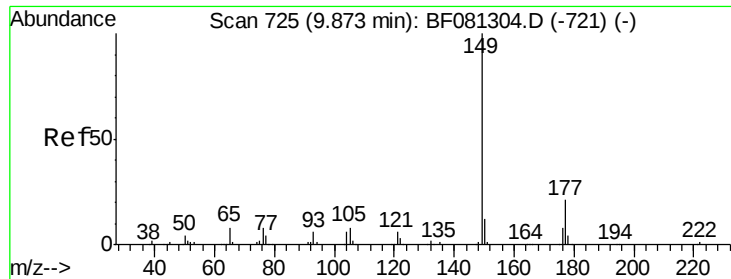
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.58 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	75986		
131	54.2	38.5	57.7	
130	2.2	1.8	2.6	
166	32.9	25.0	37.6	





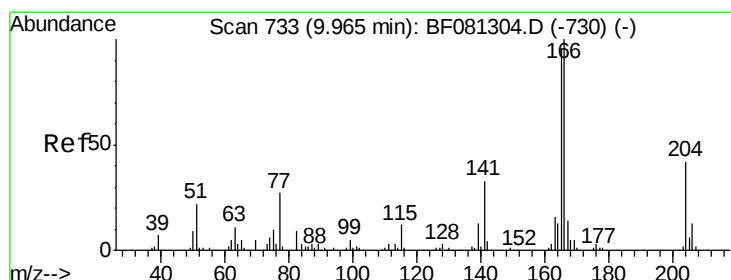
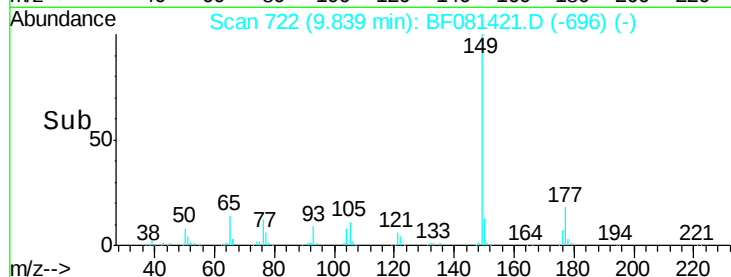
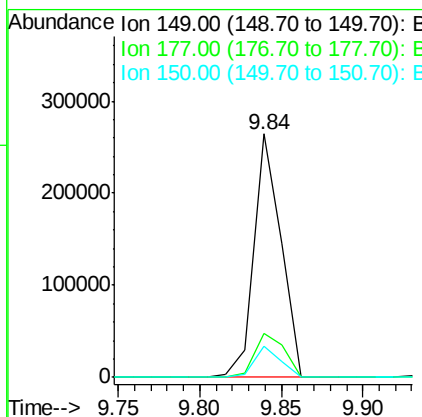
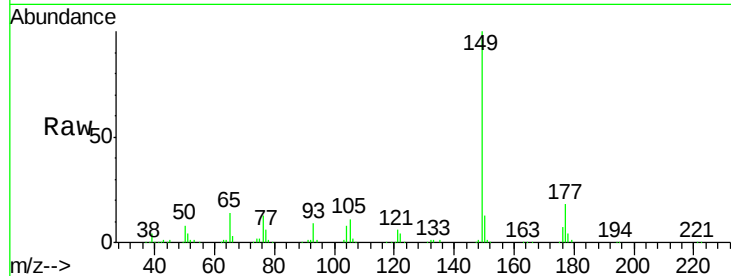
#59
Diethylphthalate
Concen: 31.35 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB85374BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	304675		
177	18.1	17.5	26.3	
150	12.7	9.4	14.2	

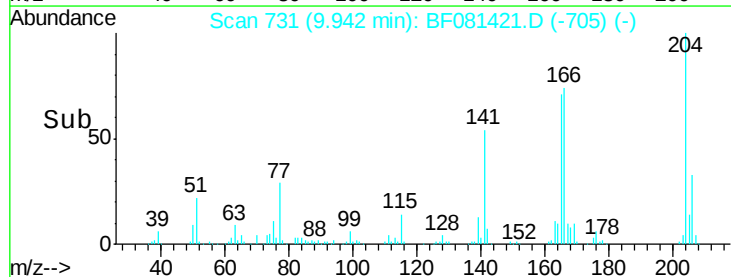
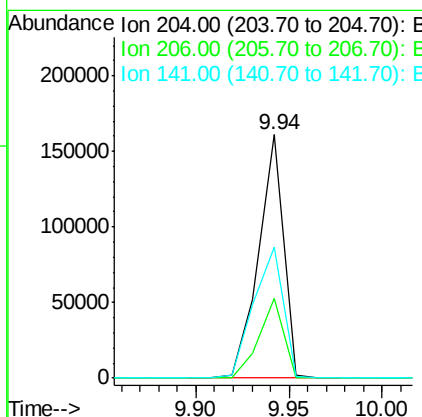
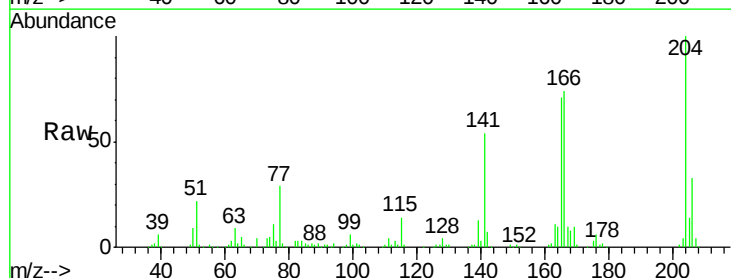
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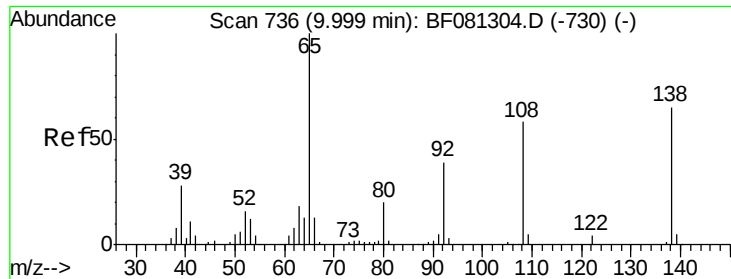
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#60
4-Chlorophenyl-phenylether
Concen: 36.10 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	148677		
206	32.6	24.8	37.2	
141	54.0	42.2	63.4	





#61

4-Nitroaniline

Concen: 28.35 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081421.D

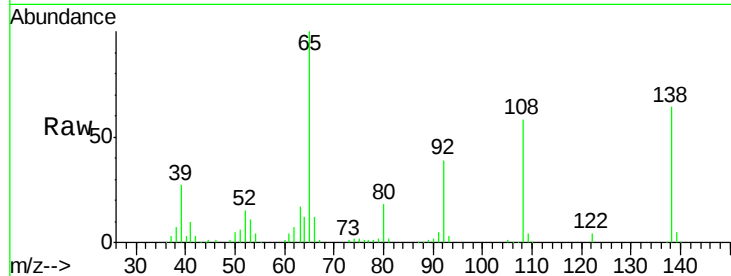
Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB85374BS



Tgt Ion:138 Resp: 68380

Ion Ratio Lower Upper

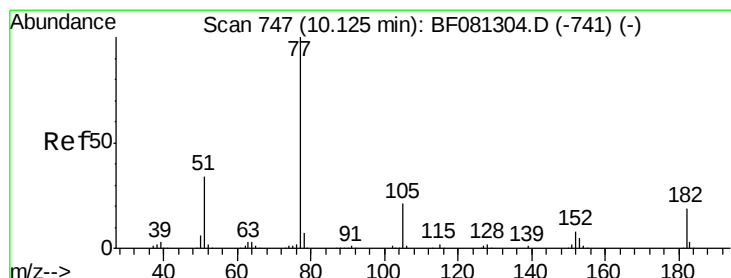
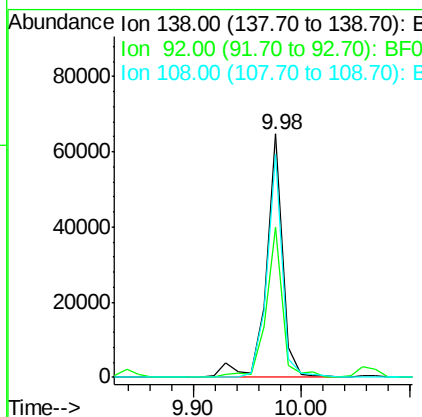
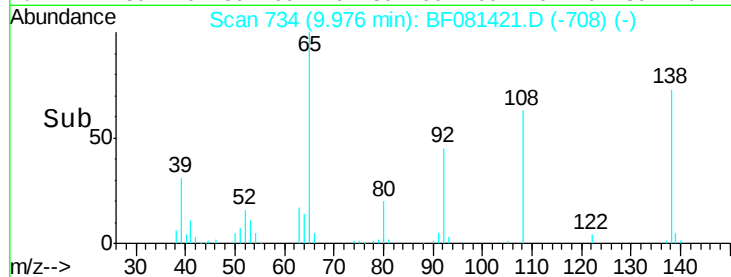
138 100

92 61.5 12.6 52.6#

108 91.5 12.4 52.4#

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#62

Azobenzene

Concen: 33.15 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Tgt Ion: 77 Resp: 358214

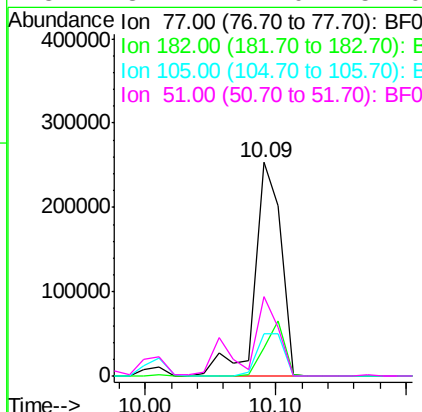
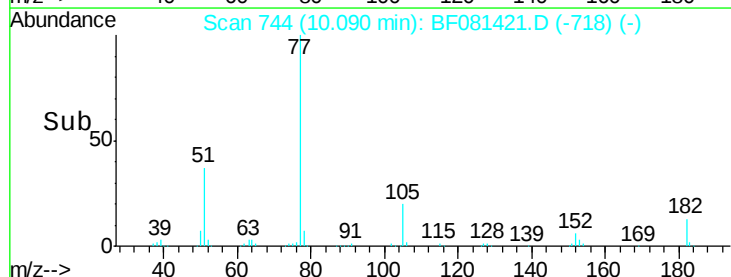
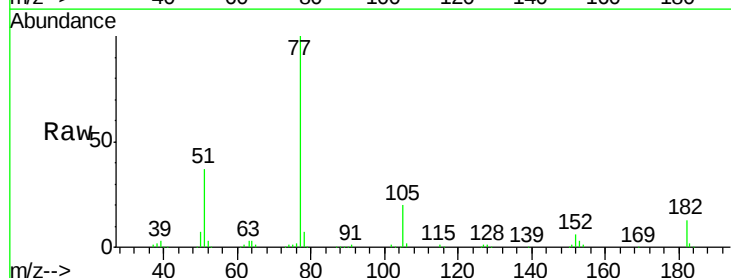
Ion Ratio Lower Upper

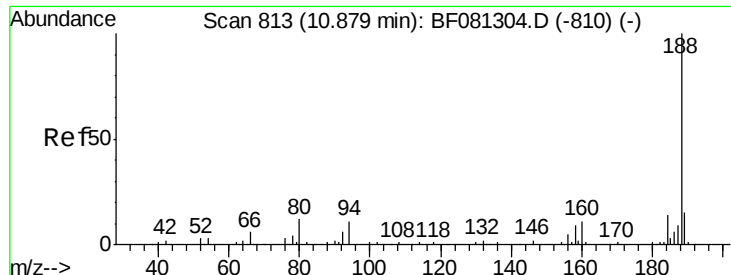
77 100

182 13.0 15.1 55.1#

105 19.7 3.4 43.4

51 37.4 12.0 52.0





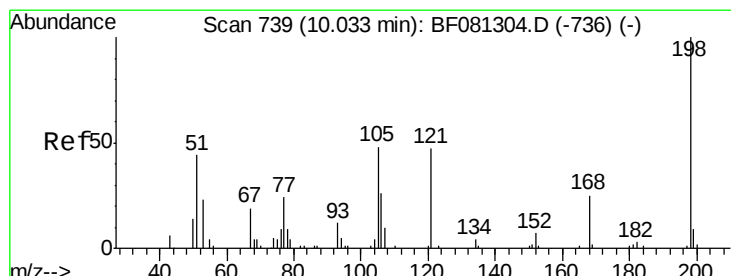
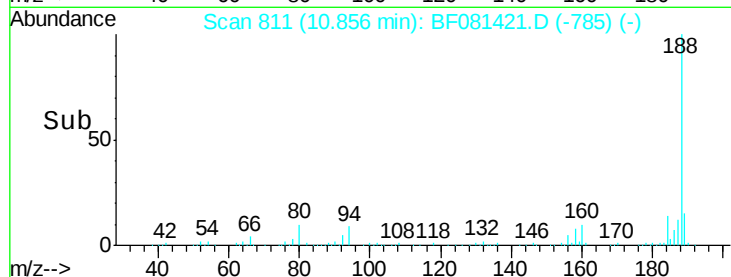
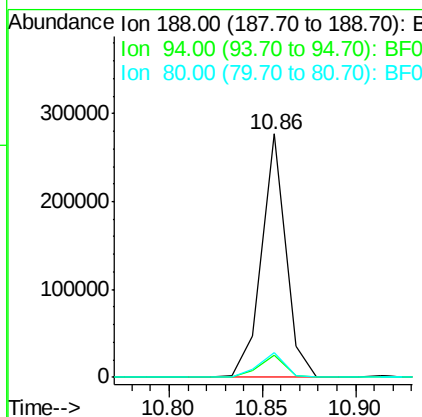
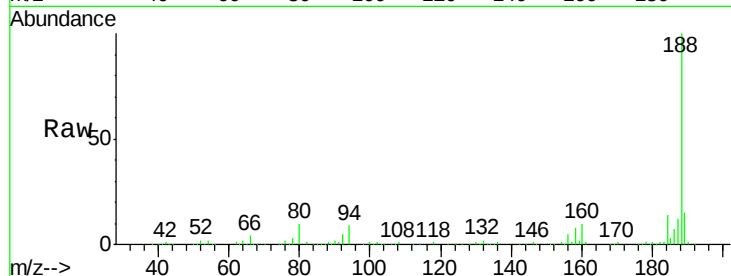
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.1	11.1	16.7#
80	10.0	11.0	16.4#

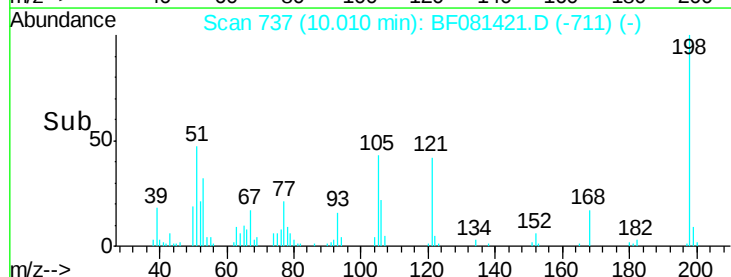
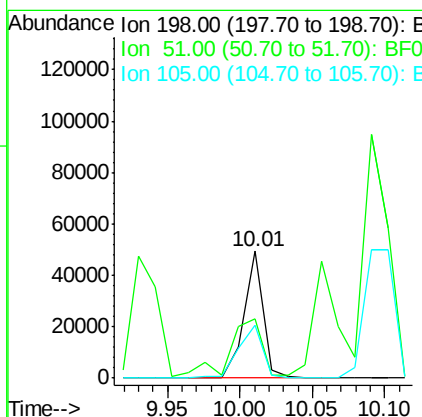
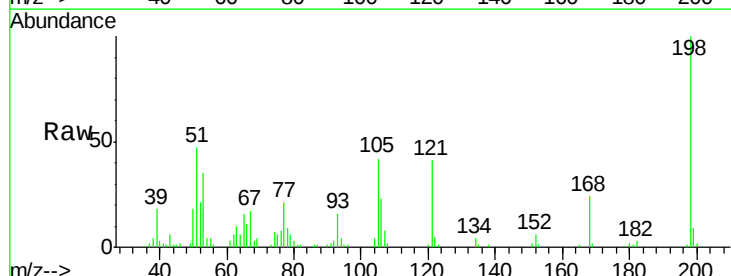
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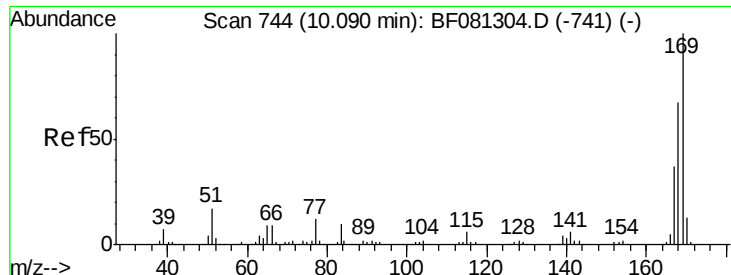
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.61 ng
 RT: 10.01 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	46.6	39.6	79.6
105	42.2	28.5	68.5





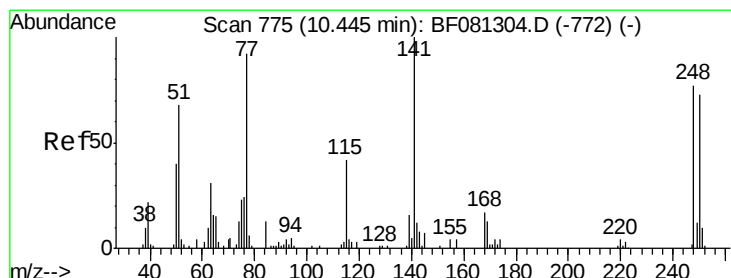
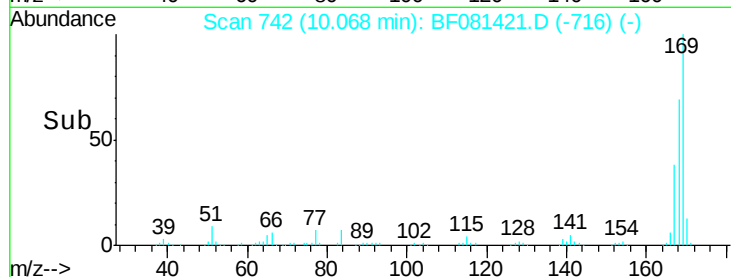
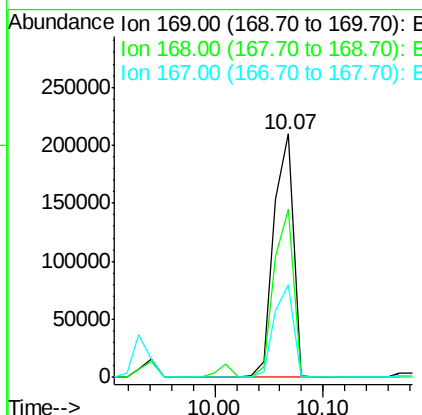
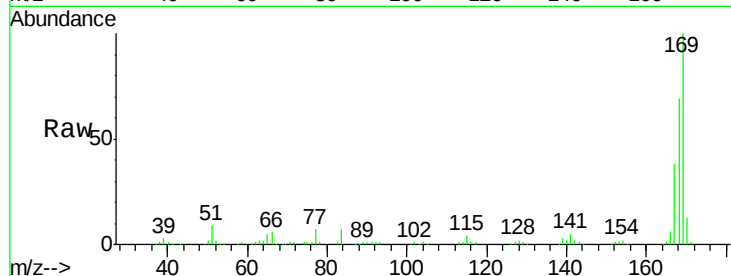
#65
 n-Nitrosodiphenylamine
 Concen: 28.98 ng
 RT: 10.07 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	261684		
168	68.9	48.9	73.3	
167	37.9	26.2	39.4	

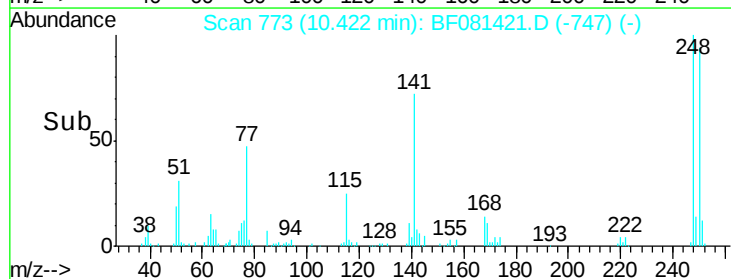
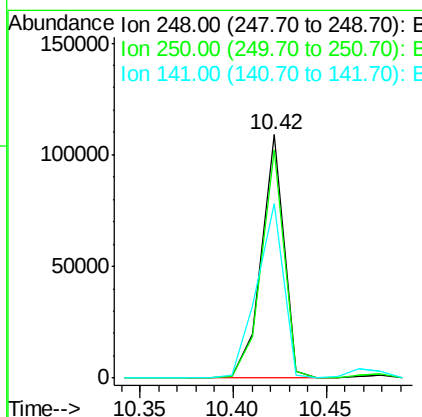
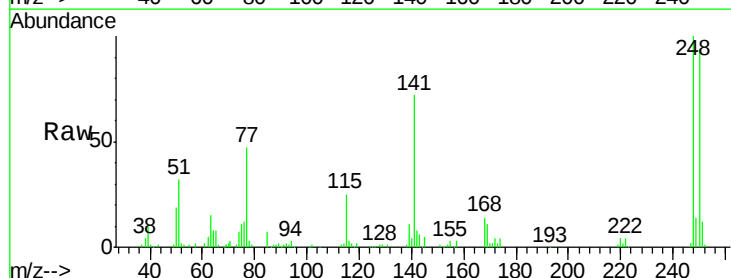
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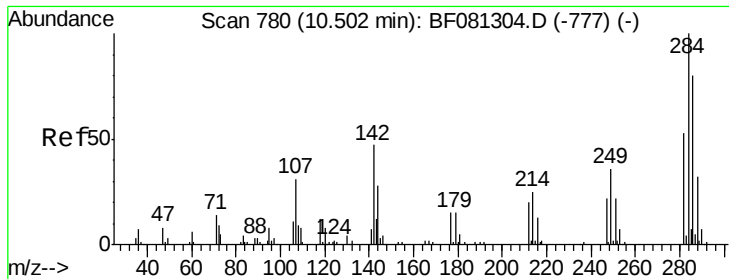
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#66
 4-Bromophenyl-phenylether
 Concen: 36.35 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

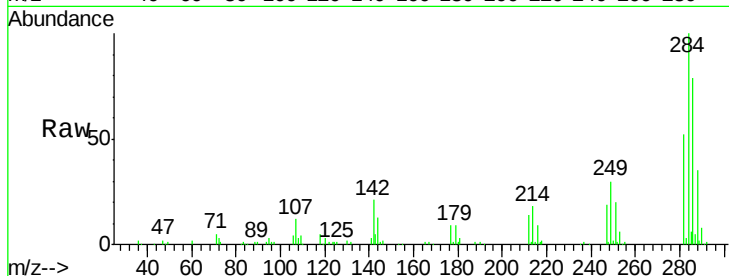
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	91182		
250	93.8	78.5	117.7	
141	71.9	59.0	88.6	





#67
Hexachlorobenzene
Concen: 34.73 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

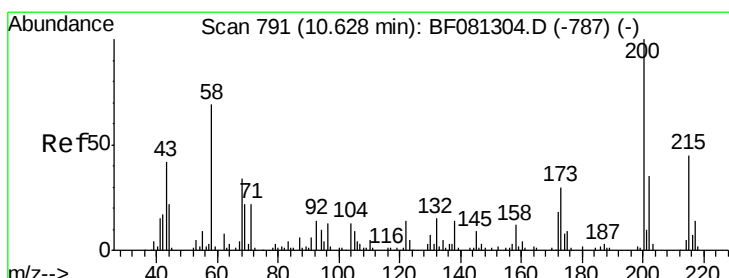
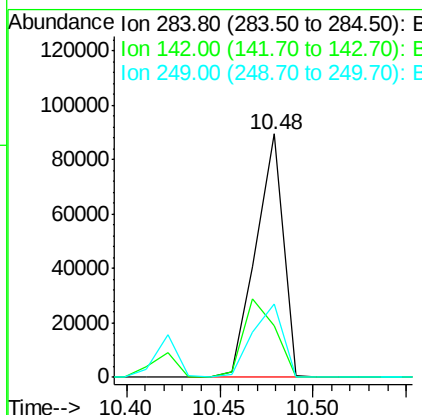
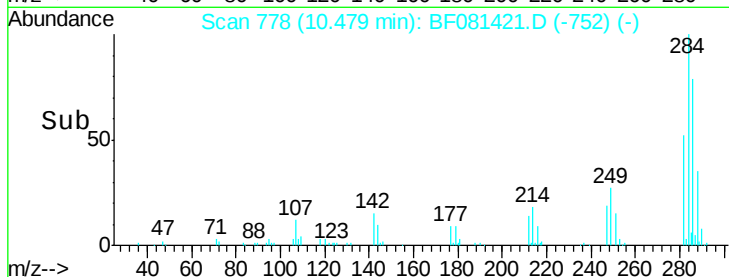
Instrument :
BNA_F
ClientSampleId :
PB85374BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	21.3	29.5	44.3#
249	30.1	19.5	29.3#

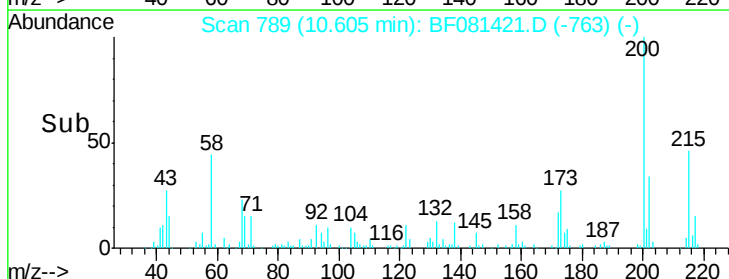
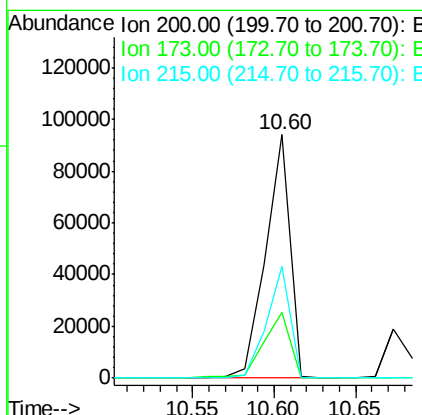
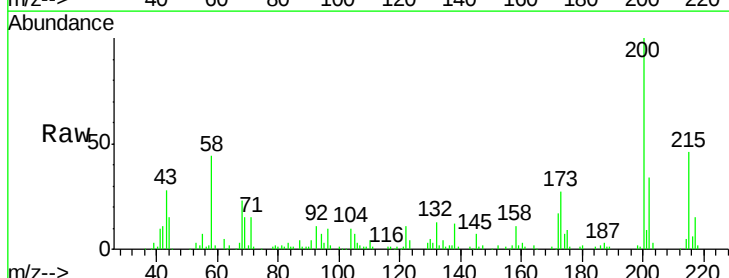
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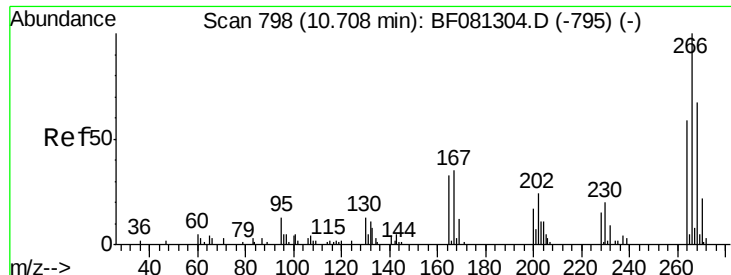
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#68
Atrazine
Concen: 37.41 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	13.2	53.2
215	45.7	41.8	81.8





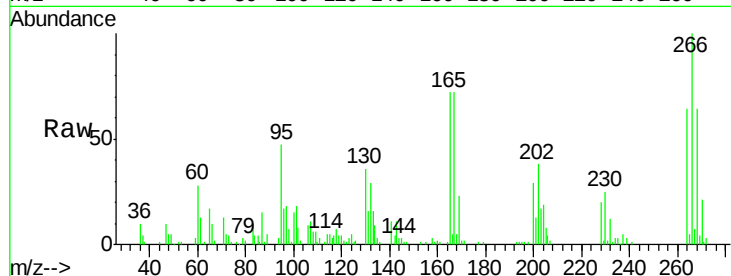
#69
 Pentachlorophenol
 Concen: 69.07 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

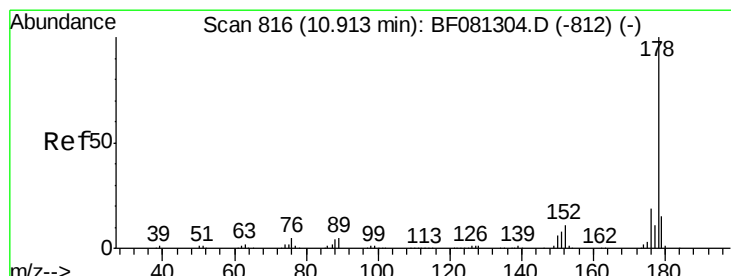
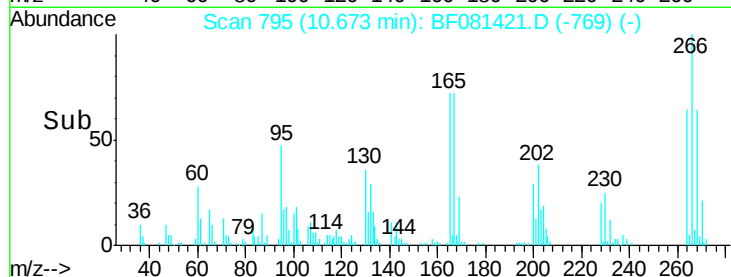
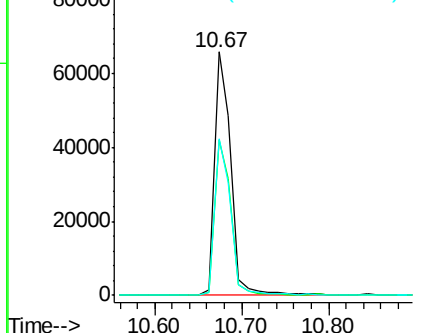
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	86483		
268	63.9	49.8	74.6	
264	64.4	50.2	75.2	

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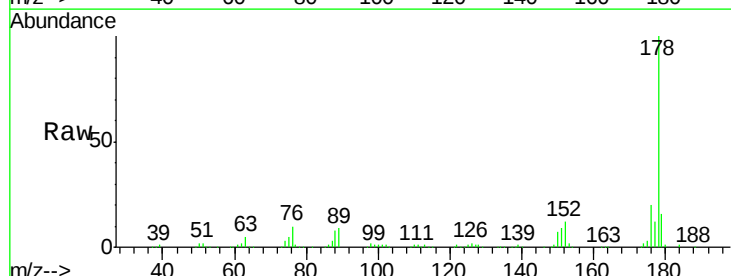


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

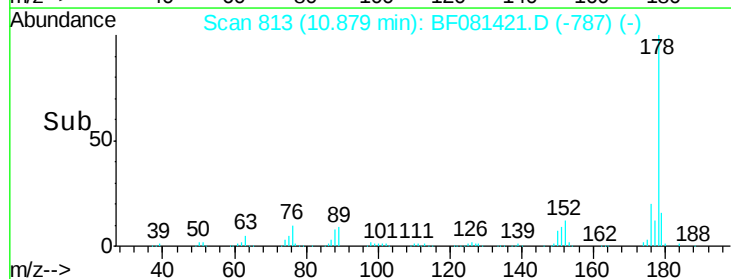
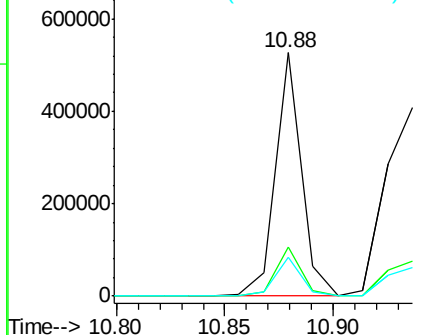


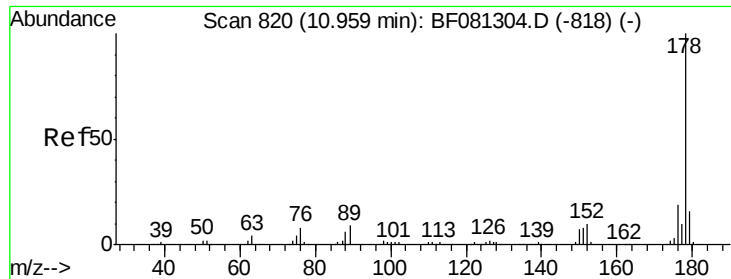
#70
 Phenanthrene
 Concen: 32.22 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	444376		
176	19.9	13.8	20.8	
179	15.9	12.2	18.2	



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





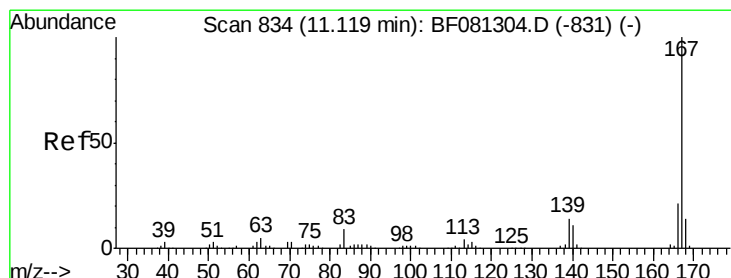
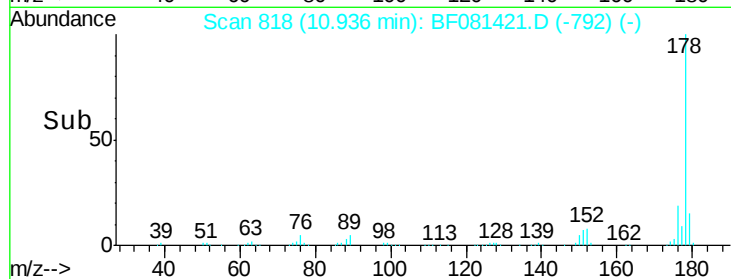
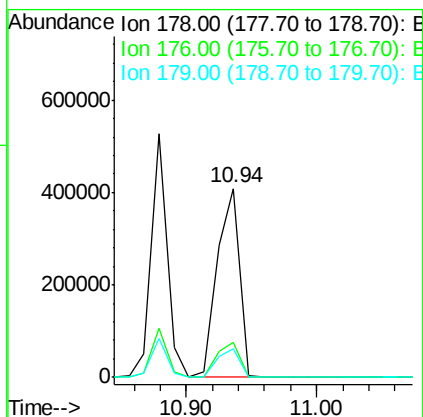
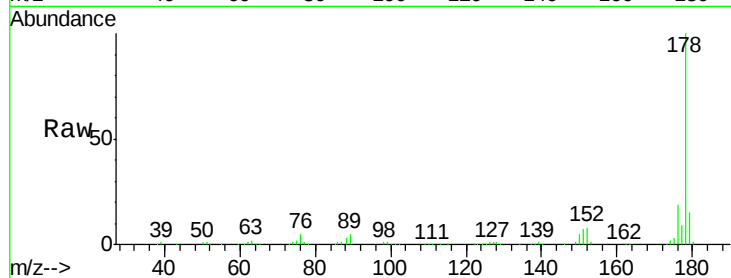
#71
 Anthracene
 Concen: 34.61 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	490408		
176	18.6	14.1	21.1	
179	15.1	12.2	18.2	

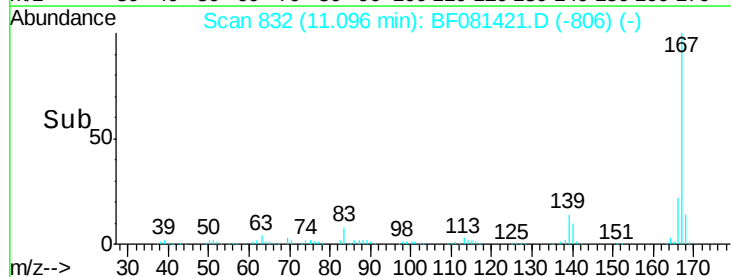
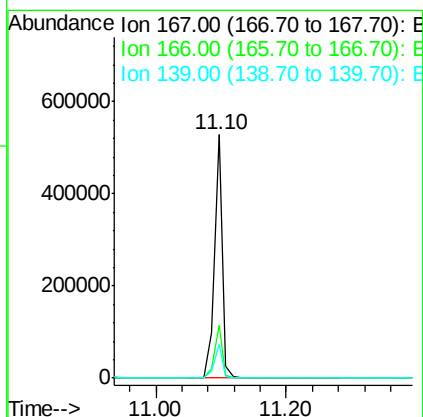
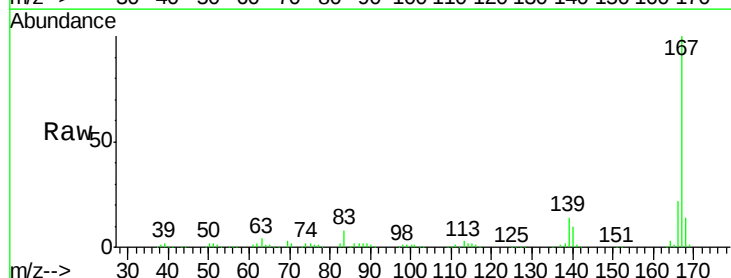
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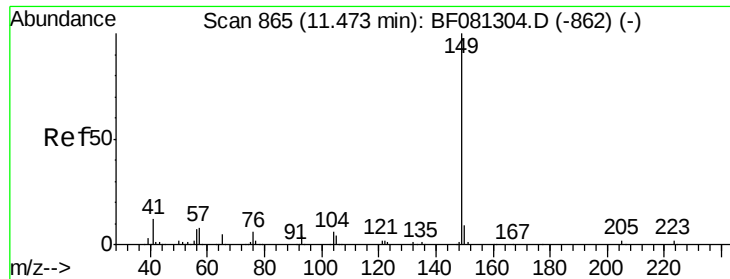
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#72
 Carbazole
 Concen: 34.29 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	455999		
166	21.6	15.7	23.5	
139	13.6	9.5	14.3	





#73

Di-n-butylphthalate

Concen: 34.66 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

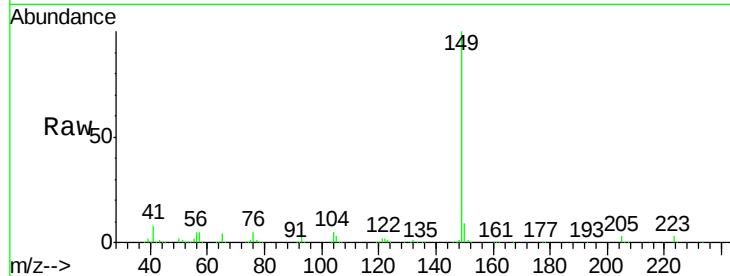
ClientSampleId :

PB85374BS

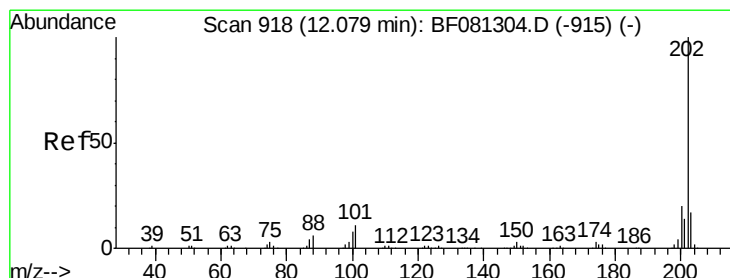
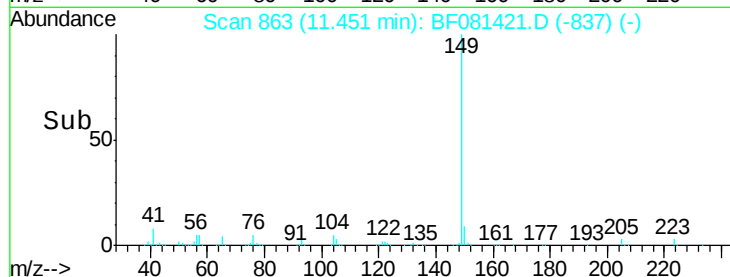
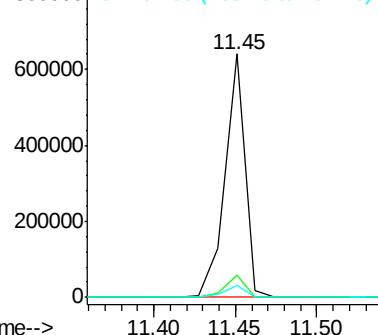
Tgt Ion:	149	Resp:	544214
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.2
104	5.0	2.4	3.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.67 ng

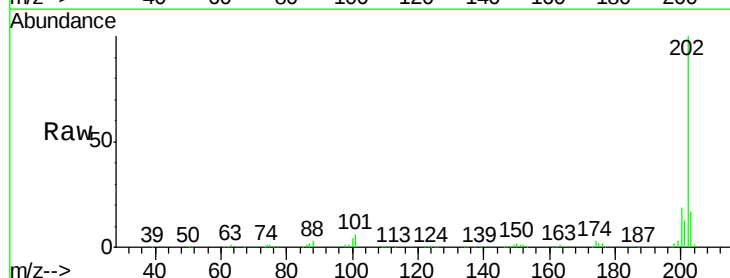
RT: 12.06 min Scan# 916

Delta R.T. 0.00 min

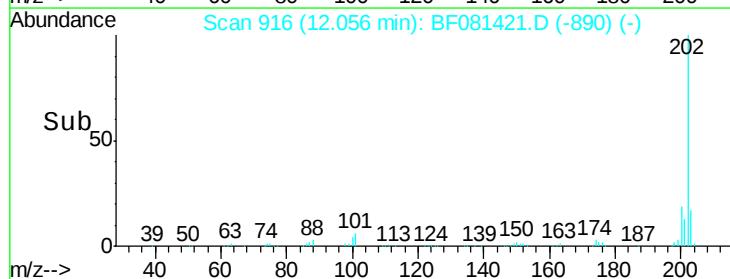
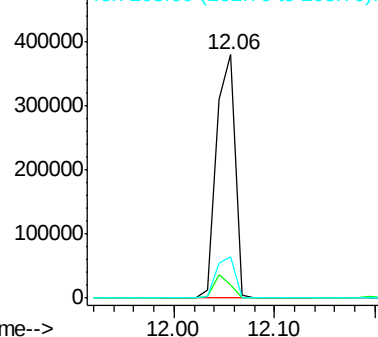
Lab File: BF081421.D

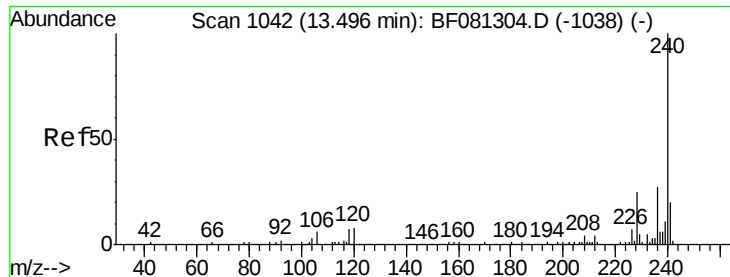
Acq: 4 Sep 2015 16:13

Tgt Ion:	202	Resp:	487838
Ion Ratio	Lower	Upper	
202	100		
101	5.7	0.0	38.3
203	17.1	0.0	37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





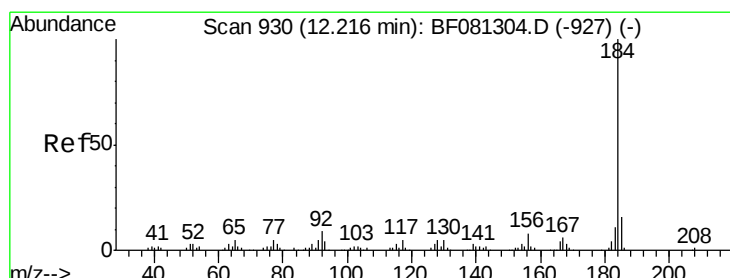
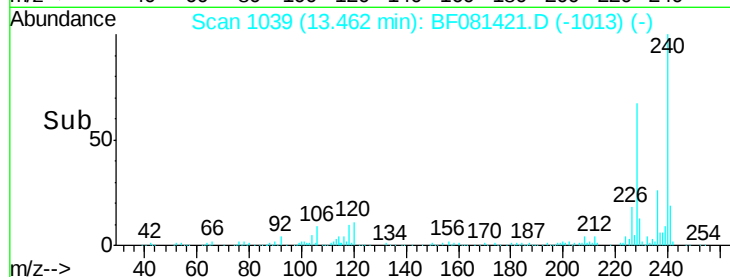
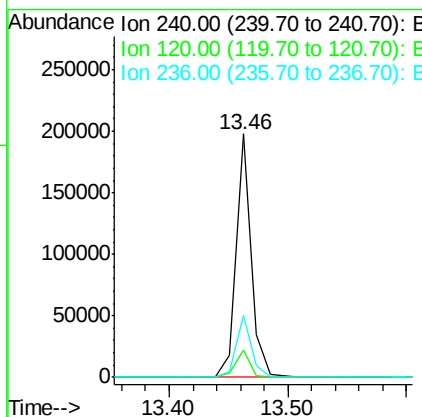
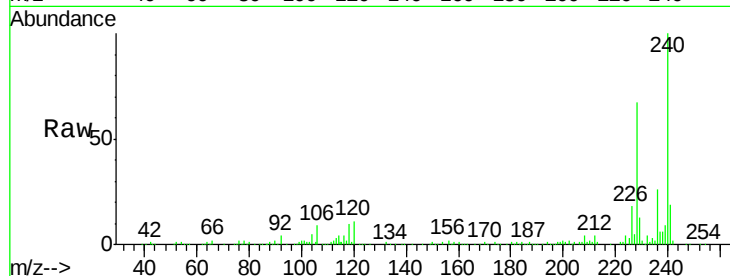
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB85374BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	175050		
120	11.1	16.2	24.2#	
236	25.6	18.4	27.6	

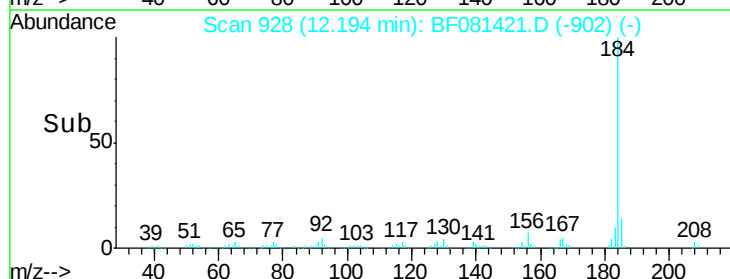
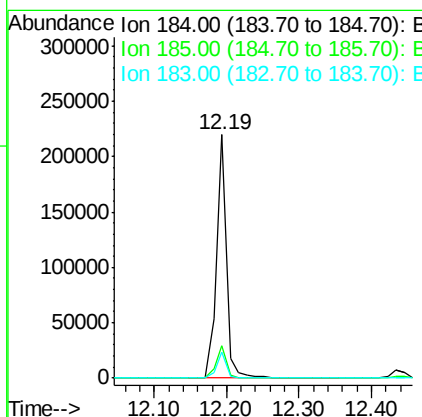
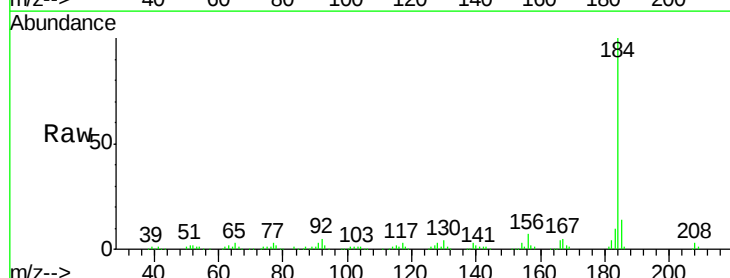
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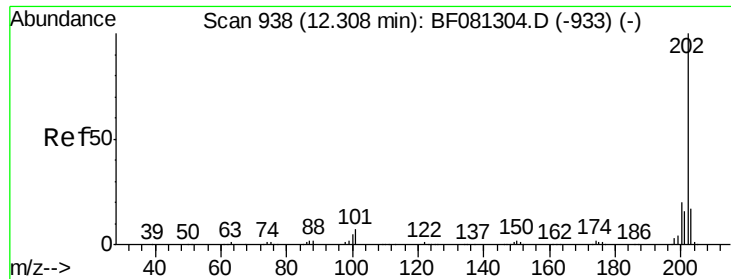
MMDadoda
9/8/2015 1:56:44 PM



#76
Benzidine
Concen: 27.95 ng
RT: 12.19 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	210067		
185	13.6	11.8	17.6	
183	10.4	7.6	11.4	





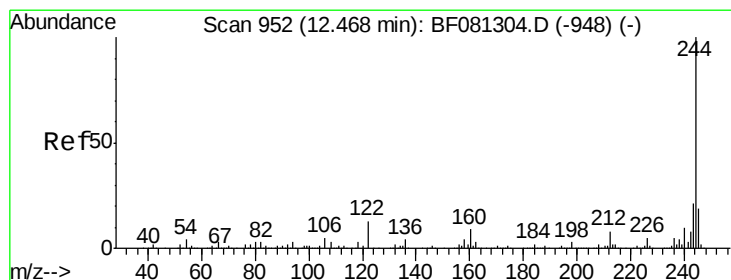
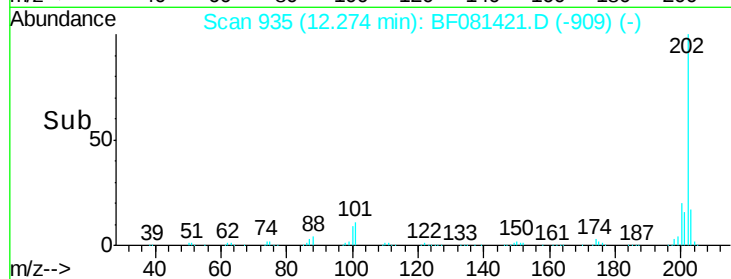
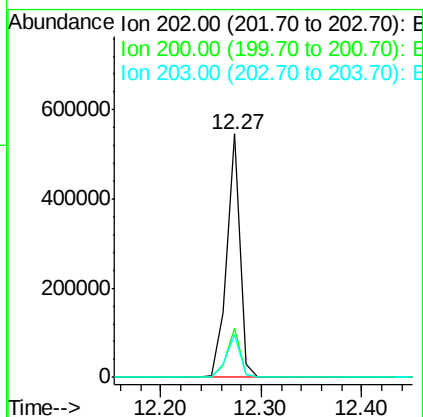
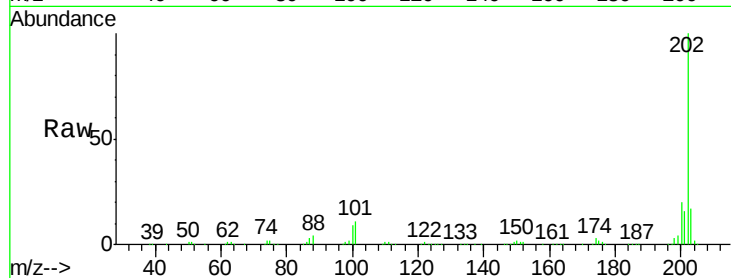
#77
 Pyrene
 Concen: 38.37 ng
 RT: 12.27 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.2	15.0	22.4
203	17.4	14.1	21.1

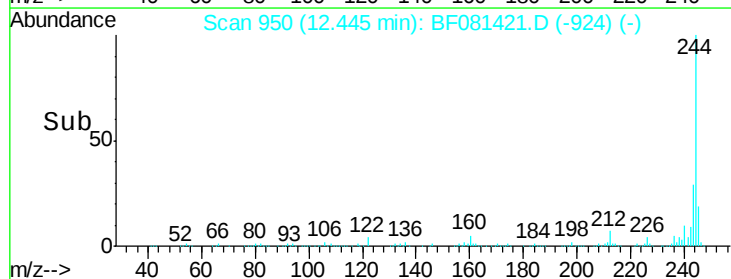
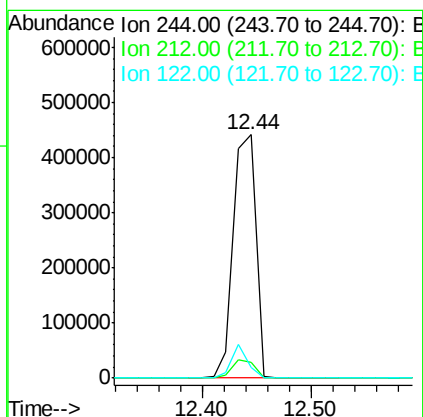
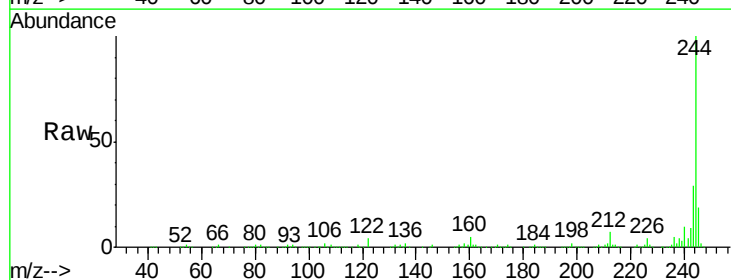
Manual Integrations
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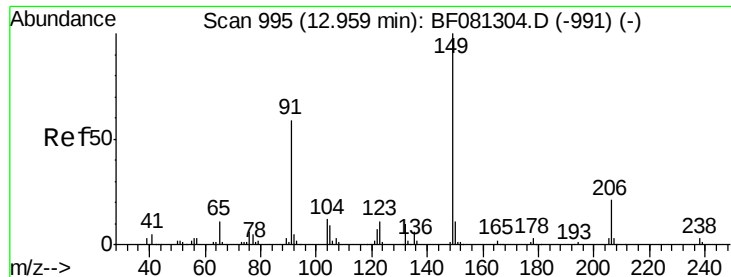
MMDadoda
 9/8/2015 1:56:44 PM



#78
 Terphenyl-d14
 Concen: 83.38 ng
 RT: 12.44 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	4.3	6.5#
122	4.3	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 38.22 ng

RT: 12.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

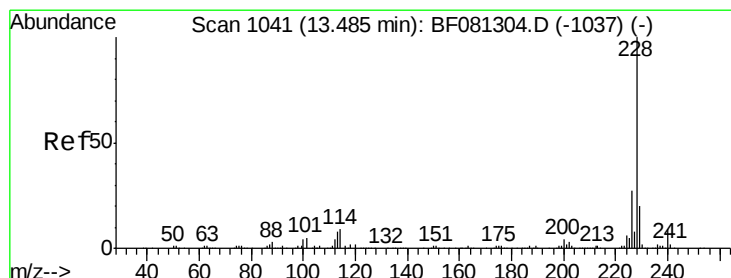
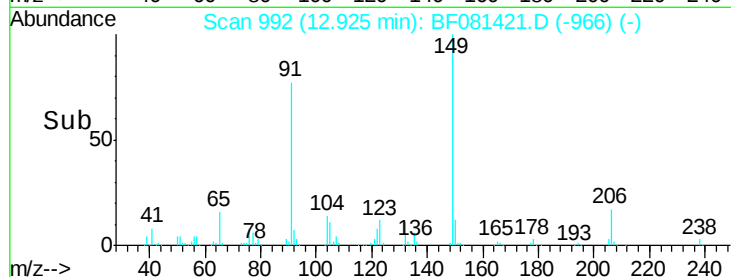
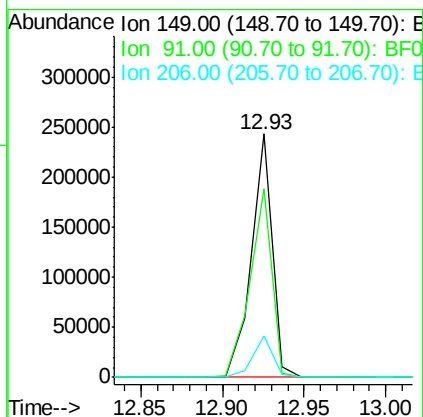
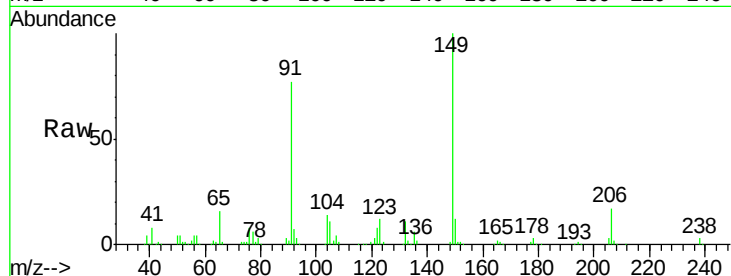
PB85374BS

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9/8/2015 1:56:44 PM

Tgt Ion:	149	Resp:	215541
Ion Ratio	Lower	Upper	
149	100		
91	77.3	48.6	72.8#
206	17.2	14.9	22.3



#80

Benzo(a)anthracene

Concen: 33.78 ng

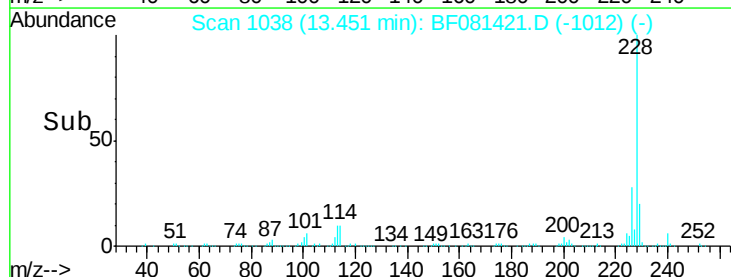
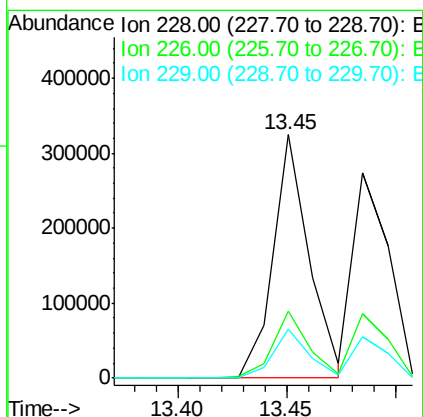
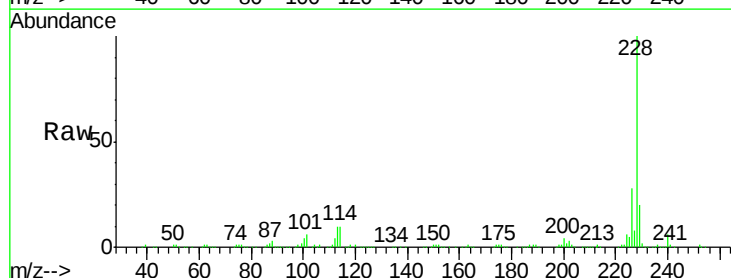
RT: 13.45 min Scan# 1038

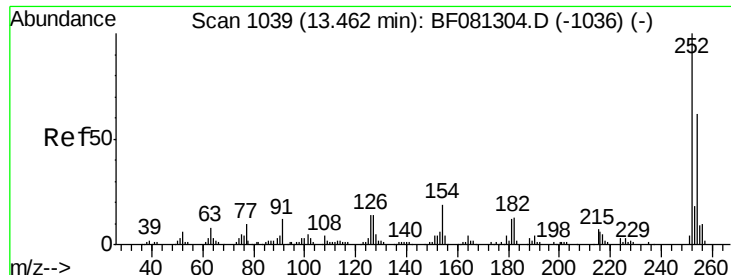
Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Tgt Ion:	228	Resp:	376609
Ion Ratio	Lower	Upper	
228	100		
226	27.6	20.0	30.0
229	20.4	15.4	23.2





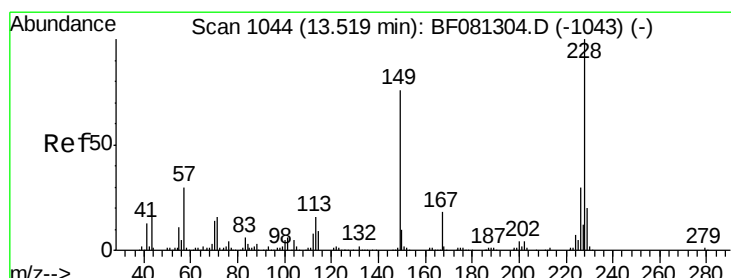
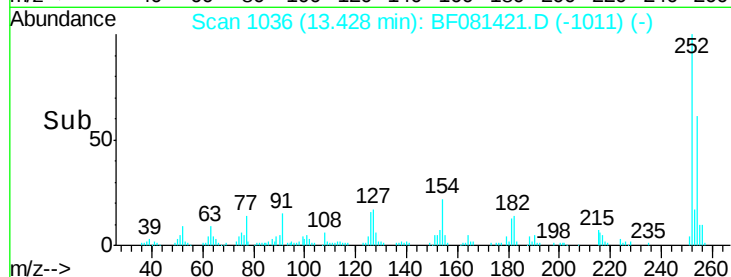
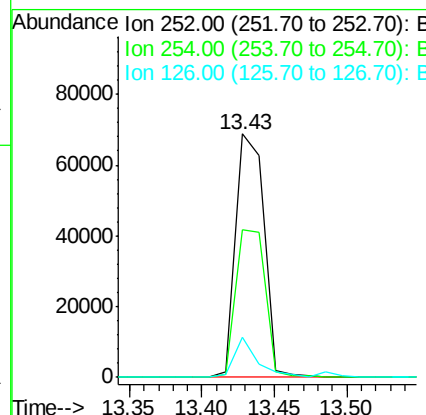
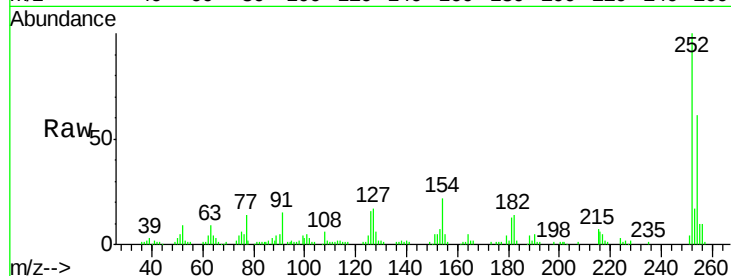
#81
 3,3'-Dichlorobenzidine
 Concen: 24.85 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	60.8	51.4	77.2
126	16.3	16.4	24.6

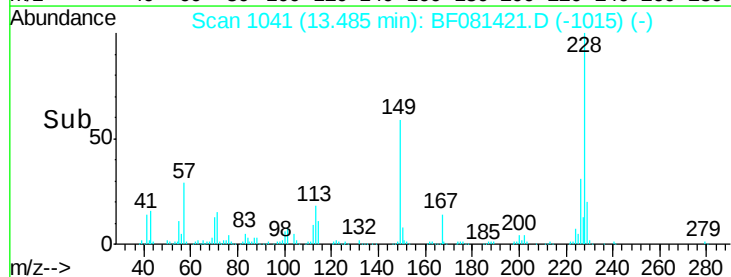
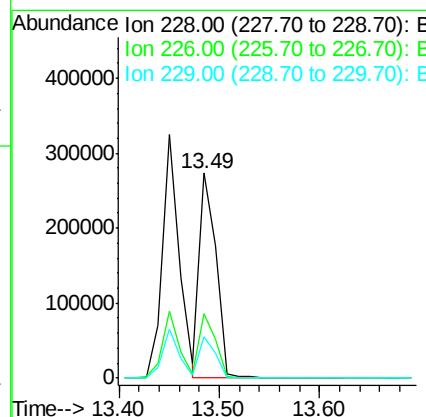
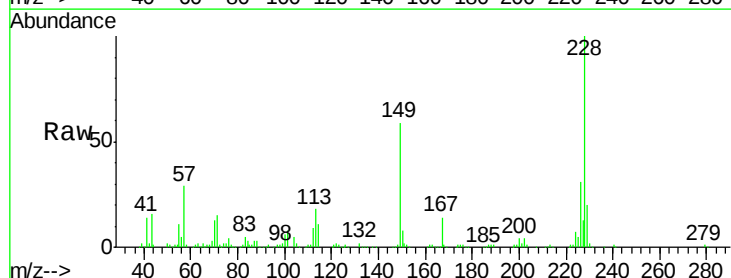
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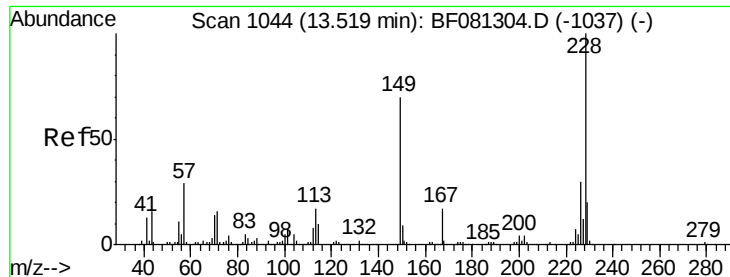
MMDadoda
 9/8/2015 1:56:44 PM



#82
 Chrysene
 Concen: 31.90 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	21.0	31.4
229	20.2	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.05 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF081421.D

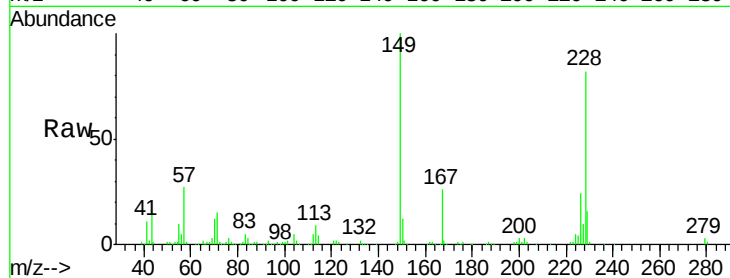
Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB85374BS



Tgt Ion:149 Resp: 268262

Ion Ratio Lower Upper

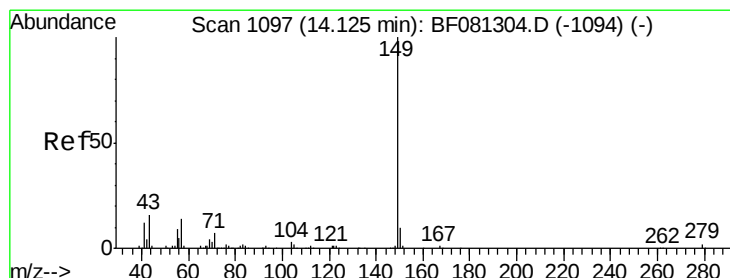
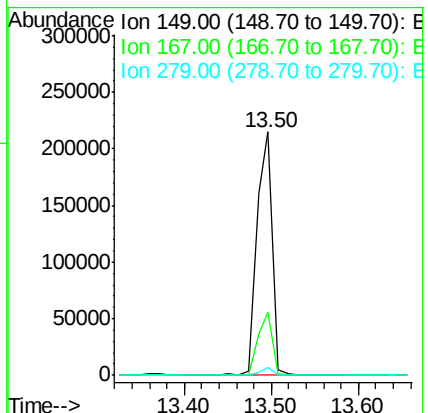
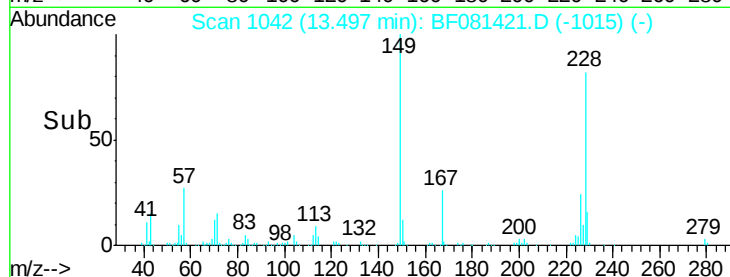
149 100

167 26.2 24.2 36.2

279 3.3 3.8 5.6#

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9/8/2015 1:56:44 PM



#84

Di-n-octyl phthalate

Concen: 31.66 ng

RT: 14.10 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

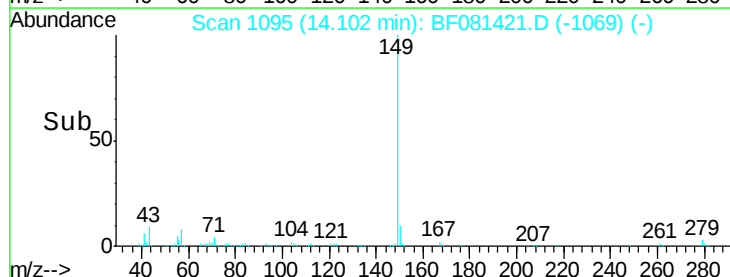
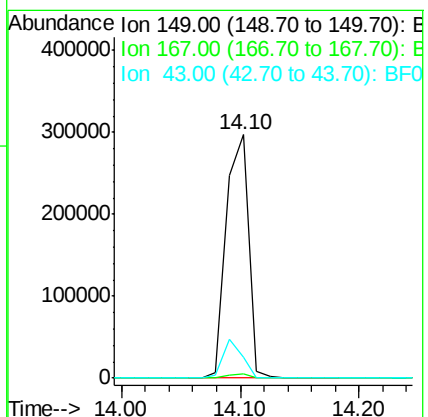
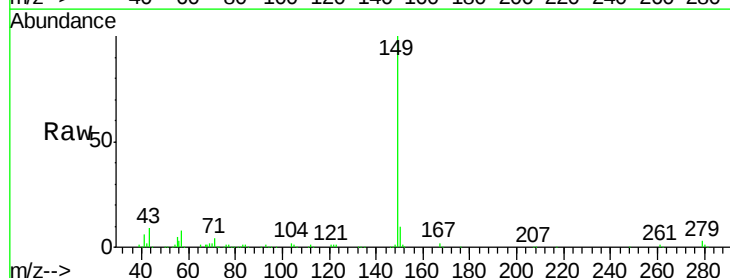
Tgt Ion:149 Resp: 387995

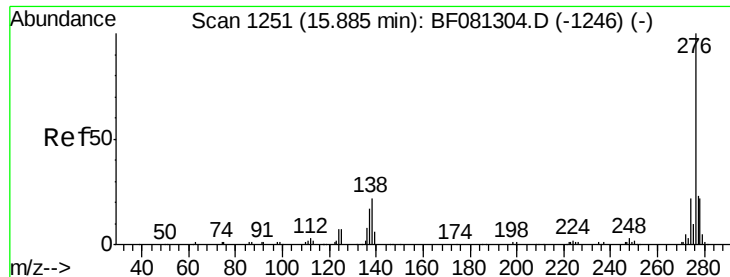
Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

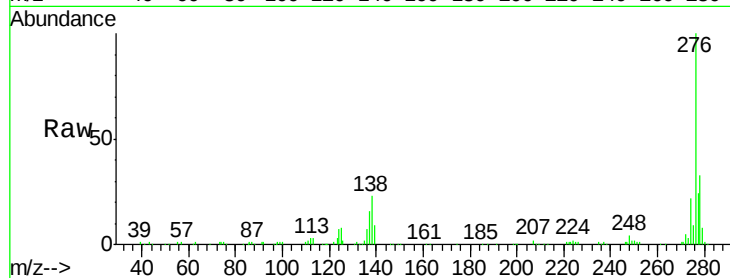
43 13.4 10.2 15.2





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.34 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

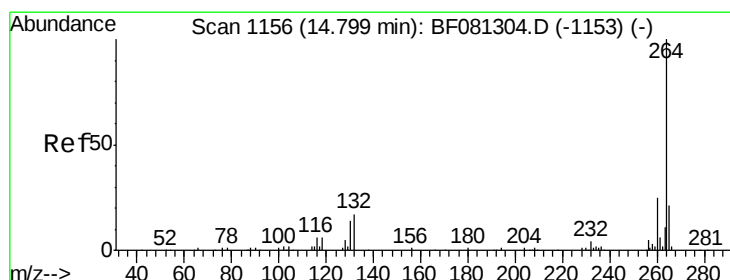
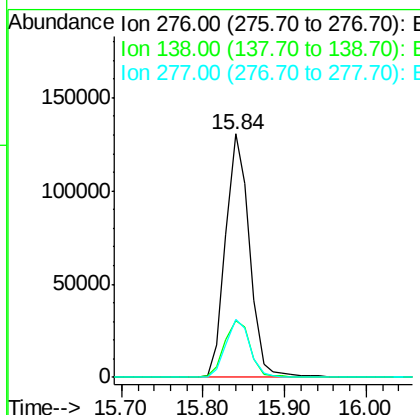
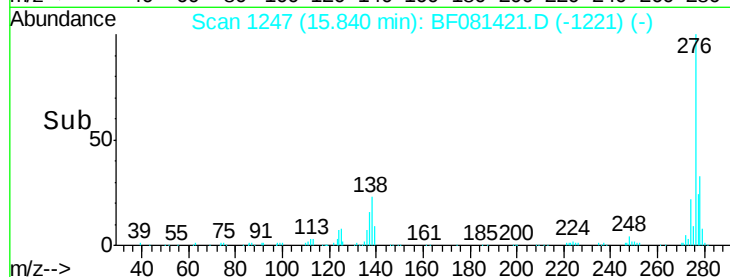
Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS



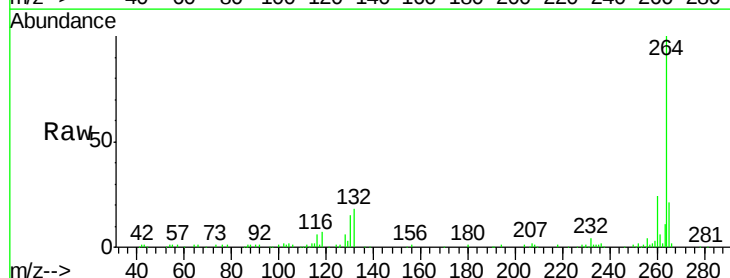
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	266408		
138	25.4	25.7	38.5#	
277	23.9	15.6	23.4#	

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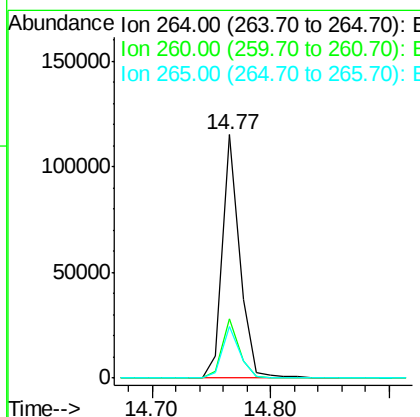
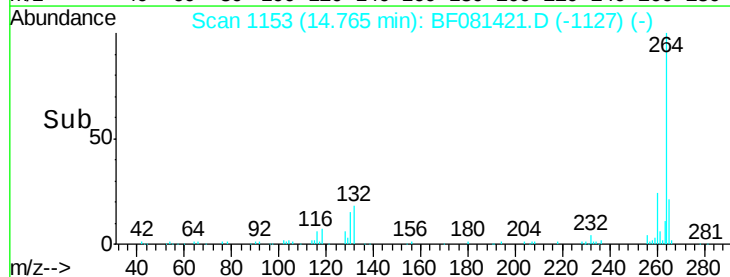
MMDadoda
 9/8/2015 1:56:44 PM

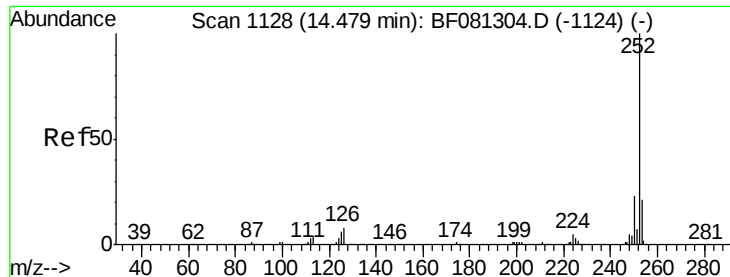


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13



Tgt Ion	Ratio	Resp	Lower	Upper
264	100	116069		
260	24.1	16.7	25.1	
265	21.3	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 39.00 ng m

RT: 14.45 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

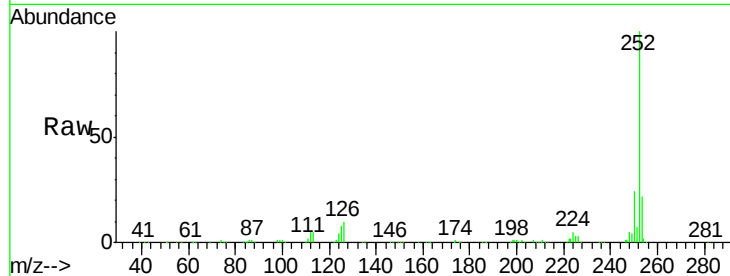
ClientSampleId :

PB85374BS

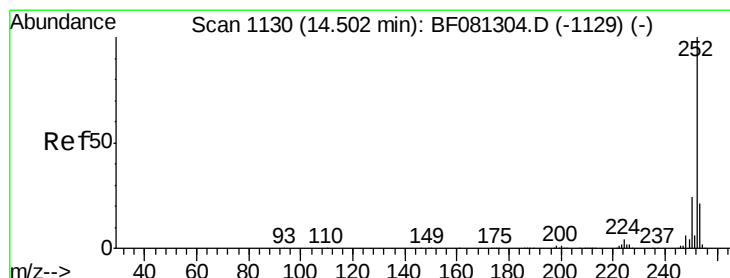
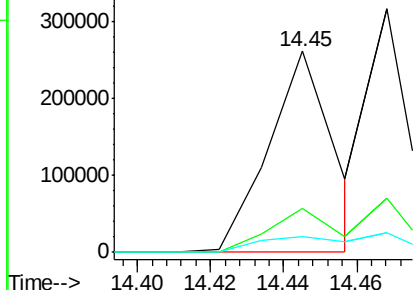
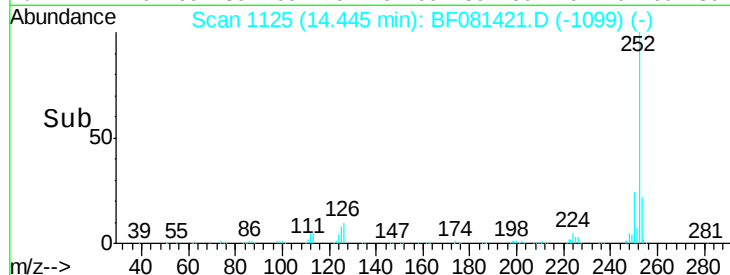
Tgt Ion:	252	Resp:	323194
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	7.7	17.1	25.7#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.92 ng m

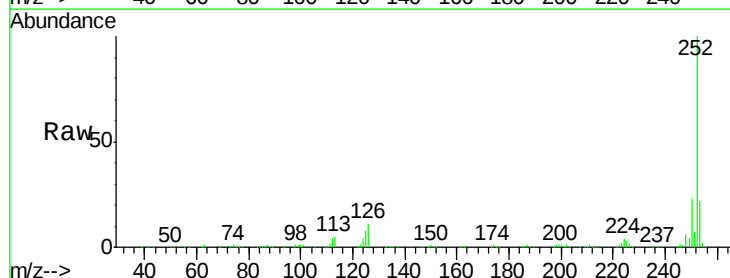
RT: 14.47 min Scan# 1127

Delta R.T. 0.00 min

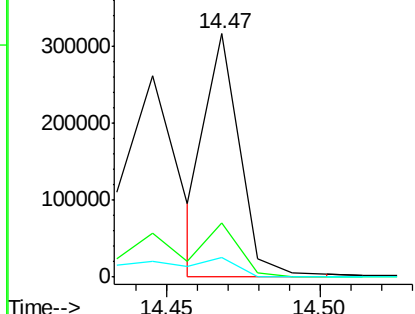
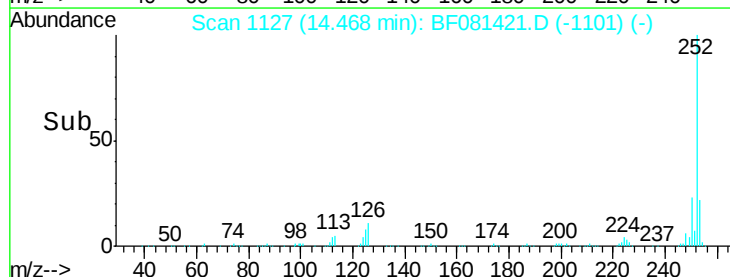
Lab File: BF081421.D

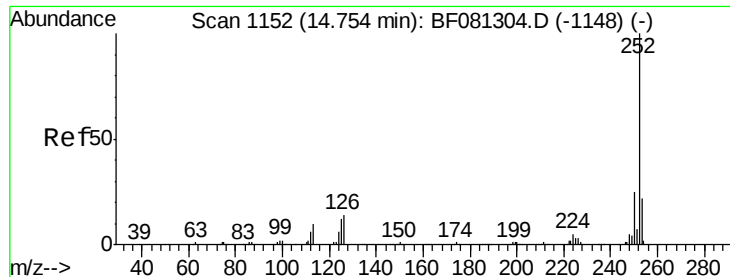
Acq: 4 Sep 2015 16:13

Tgt Ion:	252	Resp:	240103
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.4
125	8.1	16.0	24.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





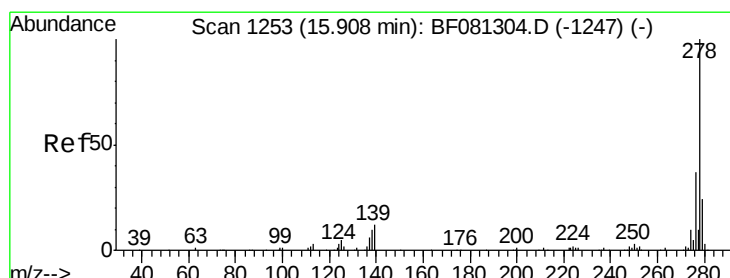
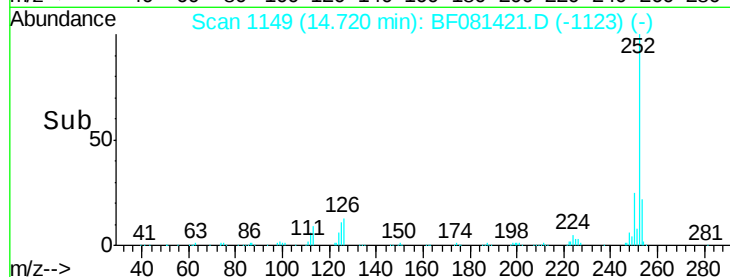
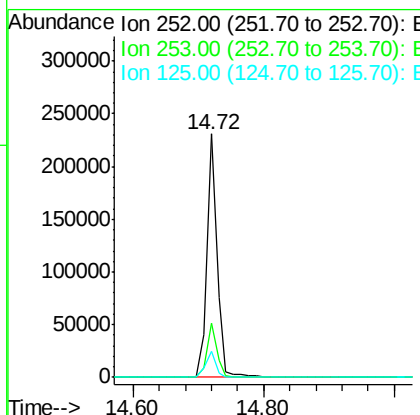
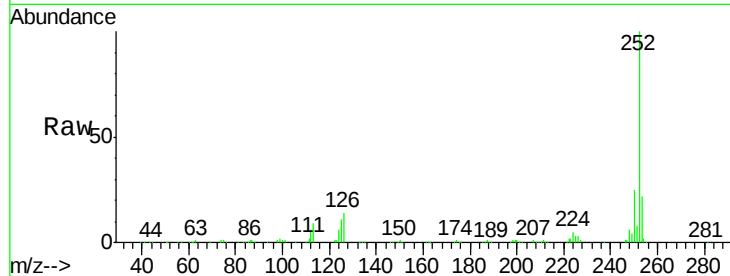
#89
Benzo(a)pyrene
Concen: 35.84 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB85374BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	251634		
253	22.2	17.2	25.8	
125	10.8	18.0	27.0	

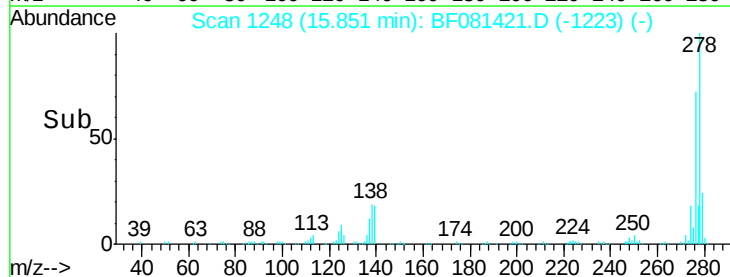
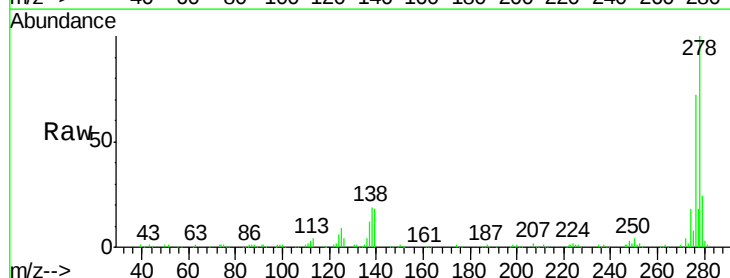
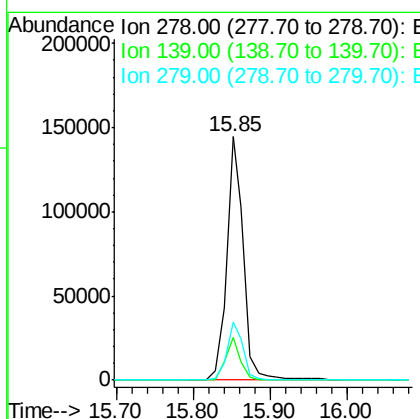
Manual Integrations
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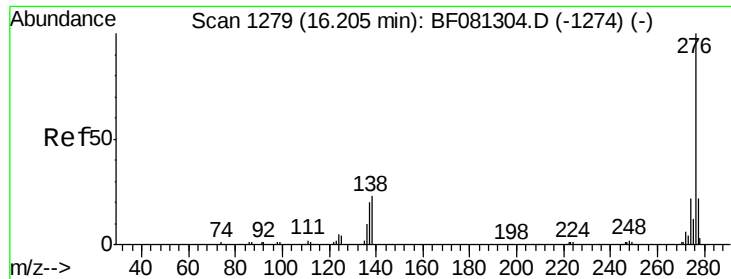
MMDadoda
9/8/2015 1:56:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.98 ng
RT: 15.85 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	222341		
139	17.5	26.3	39.5	
279	23.6	18.2	27.4	





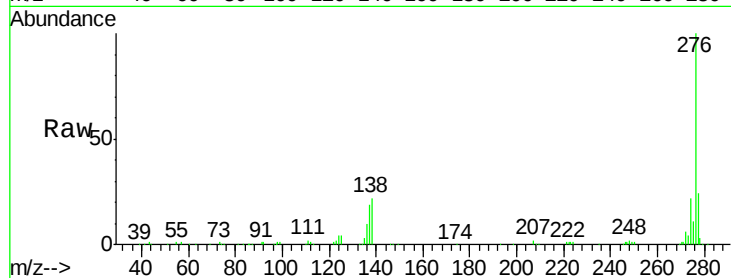
#91
 Benzo(g,h,i)perylene
 Concen: 43.58 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85374BS

Tgt	Ion	276	Resp:	225661
	Ratio		Lower	Upper
276	100			
277	23.6	17.8	26.6	
138	21.6	34.6	51.8	

Manual Integrations
 APPROVED

MMDadoda
 9/8/2015 1:56:44 PM



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

