

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081420.D
 Acq On : 4 Sep 2015 15:41
 Operator : UM/IZ
 Sample : PB85372BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Manual Integrations
 APPROVED

MMDadoda
 9/8/2015 1:56:40 PM

Quant Time: Sep 07 01:18:03 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	68290	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	261341	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	129331	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	238417	20.00	ng	0.00
75) Chrysene-d12	13.46	240	166702	20.00	ng	0.00
86) Perylene-d12	14.77	264	114283	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	509764	115.82	ng	0.02
7) Phenol-d6	6.03	99	677533	116.29	ng	0.00
23) Nitrobenzene-d5	6.94	82	408937	75.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	130143	113.01	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	642801	63.69	ng	-0.01
78) Terphenyl-d14	12.43	244	546995	76.38	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.78	88	59504	30.10	ng	# 88
3) Pyridine	2.32	79	155527	28.53	ng	93
4) n-Nitrosodimethylamine	2.28	42	115449	38.13	ng	80
6) Aniline	6.02	93	193517	23.52	ng	# 80
8) 2-Chlorophenol	6.15	128	181509	37.42	ng	83
9) Benzaldehyde	5.90	77	22646	6.20	ng	# 78
10) Phenol	6.06	94	210617	31.17	ng	78
11) bis(2-Chloroethyl)ether	6.11	93	178947	36.71	ng	86
12) 1,3-Dichlorobenzene	6.30	146	182635	35.24	ng	# 91
13) 1,4-Dichlorobenzene	6.38	146	175699	33.30	ng	# 87
14) 1,2-Dichlorobenzene	6.54	146	159879	33.65	ng	96
15) Benzyl Alcohol	6.52	79	171532	35.89	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.67	45	367820	39.37	ng	81
17) 2-Methylphenol	6.66	107	141910	36.67	ng	# 73
18) Hexachloroethane	6.87	117	71805	34.98	ng	93
19) n-Nitroso-di-n-propylamine	6.81	70	149254	37.64	ng	# 83
20) 3+4-Methylphenols	6.82	107	189899	36.39	ng	87
22) Acetophenone	6.79	105	259531	36.36	ng	# 75
24) Nitrobenzene	6.96	77	224015	39.82	ng	# 64
25) Isophorone	7.21	82	370693	36.79	ng	# 86
26) 2-Nitrophenol	7.28	139	96525	39.37	ng	# 53
27) 2,4-Dimethylphenol	7.35	122	161566	38.15	ng	# 80
28) bis(2-Chloroethoxy)methane	7.43	93	208219	35.78	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	146665	39.94	ng	94
30) 1,2,4-Trichlorobenzene	7.60	180	147217	36.90	ng	97
31) Naphthalene	7.67	128	478694	34.35	ng	98
32) Benzoic acid	7.48	122	75735	26.27	ng	# 61
33) 4-Chloroaniline	7.74	127	110472	19.43	ng	# 82
34) Hexachlorobutadiene	7.80	225	88149	36.31	ng	98
35) Caprolactam	8.11	113	49100m	43.60	ng	
36) 4-Chloro-3-methylphenol	8.25	107	173165	42.13	ng	# 78
37) 2-Methylnaphthalene	8.36	142	342074	37.71	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	135549	33.14	ng	98
40) Hexachlorocyclopentadiene	8.52	237	129748	64.64	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	88041	31.19	ng	99
43) 2,4,5-Trichlorophenol	8.71	196	95984	33.33	ng #	94
45) 1,1'-Biphenyl	8.83	154	409098	34.38	ng	95
46) 2-Chloronaphthalene	8.84	162	280636	32.66	ng #	88
47) 2-Nitroaniline	8.96	65	132871	37.94	ng #	71
48) Acenaphthylene	9.26	152	509562	33.43	ng	97
49) Dimethylphthalate	9.15	163	363203	36.15	ng #	97
50) 2,6-Dinitrotoluene	9.20	165	68148	29.88	ng #	1
51) Acenaphthene	9.43	154	306327	35.32	ng	90
52) 3-Nitroaniline	9.37	138	61864	23.83	ng #	82
53) 2,4-Dinitrophenol	9.47	184	56504	58.82	ng #	1
54) Dibenzofuran	9.60	168	448332	35.41	ng #	89
55) 4-Nitrophenol	9.56	139	109526m	67.15	ng	
56) 2,4-Dinitrotoluene	9.60	165	88192	30.37	ng #	1
57) Fluorene	9.93	166	309540	32.21	ng	94
58) 2,3,4,6-Tetrachlorophenol	9.72	232	79335	36.08	ng #	89
59) Diethylphthalate	9.84	149	340489	32.21	ng	94
60) 4-Chlorophenyl-phenylether	9.94	204	163667	36.54	ng	95
61) 4-Nitroaniline	9.98	138	75891	28.93	ng #	29
62) Azobenzene	10.09	77	405427	34.50	ng #	79
64) 4,6-Dinitro-2-methylphenol	10.01	198	45898	34.42	ng	82
65) n-Nitrosodiphenylamine	10.07	169	288941	33.31	ng	92
66) 4-Bromophenyl-phenylether	10.42	248	90972	37.74	ng	98
67) Hexachlorobenzene	10.48	284	90881	36.06	ng #	80
68) Atrazine	10.60	200	95597	38.08	ng	83
69) Pentachlorophenol	10.67	266	83904	69.65	ng	100
70) Phenanthrene	10.88	178	434595	32.79	ng	96
71) Anthracene	10.94	178	482416	35.43	ng	99
72) Carbazole	11.10	167	441639	34.56	ng	95
73) Di-n-butylphthalate	11.45	149	557319	36.93	ng #	98
74) Fluoranthene	12.06	202	474290	33.05	ng	85
76) Benzidine	12.19	184	150825	21.08	ng	98
77) Pyrene	12.27	202	510032	41.30	ng	98
79) Butylbenzylphthalate	12.93	149	214201	39.89	ng #	84
80) Benzo(a)anthracene	13.45	228	352638	33.22	ng	95
81) 3,3'-Dichlorobenzidine	13.43	252	74715	20.86	ng	97
82) Chrysene	13.49	228	296148	31.12	ng	95
83) Bis(2-ethylhexyl)phthalate	13.50	149	246232	34.74	ng #	93
84) Di-n-octyl phthalate	14.10	149	349847	29.98	ng	96
85) Indeno(1,2,3-cd)pyrene	15.84	276	262137	37.54	ng #	89
87) Benzo(b)fluoranthene	14.45	252	307819m	37.73	ng	
88) Benzo(k)fluoranthene	14.47	252	219473m	32.42	ng	
89) Benzo(a)pyrene	14.72	252	245165	35.46	ng #	88
90) Dibenzo(a,h)anthracene	15.85	278	219386	41.06	ng #	85
91) Benzo(g,h,i)perylene	16.16	276	226285	44.38	ng #	77

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

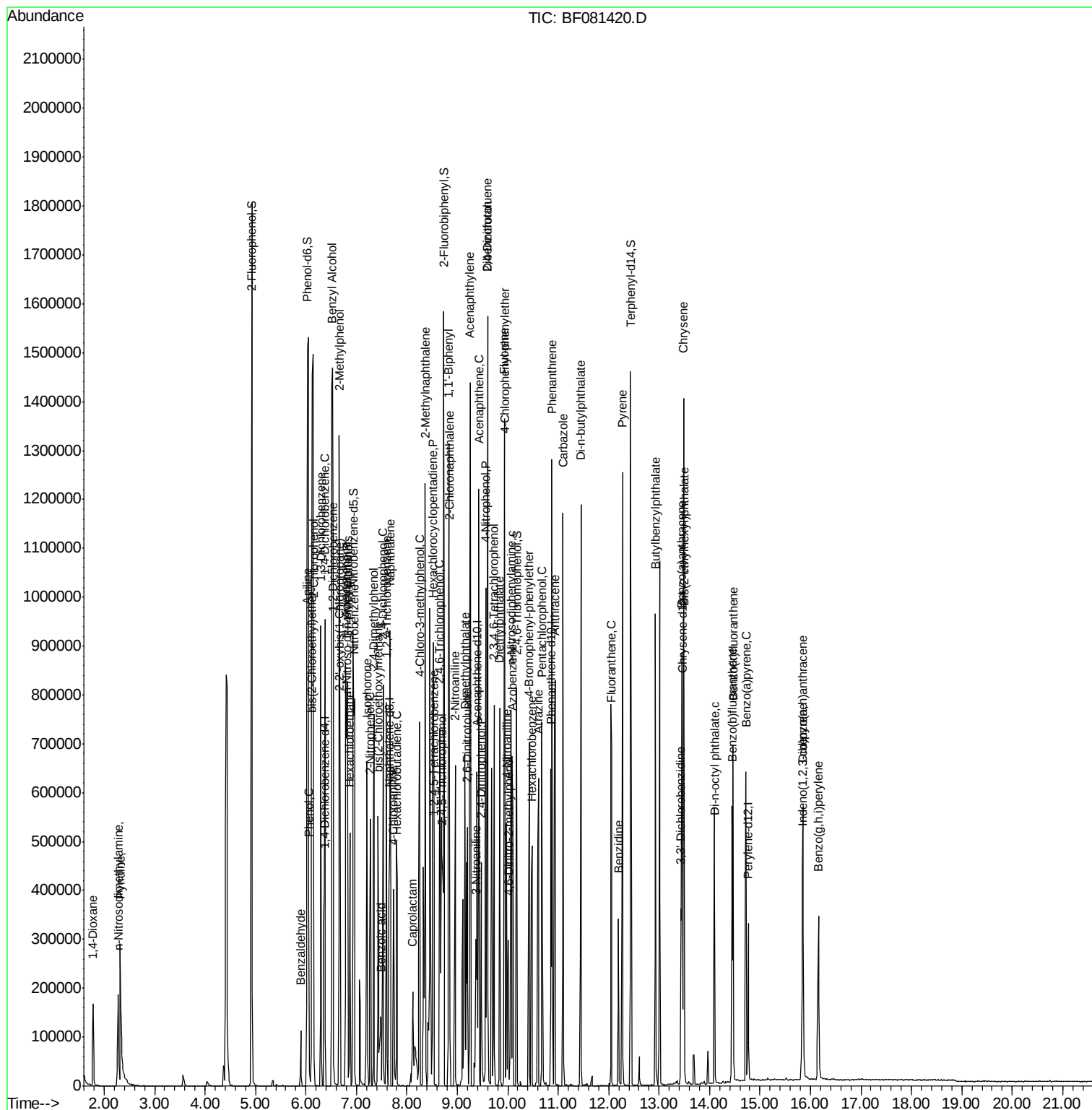
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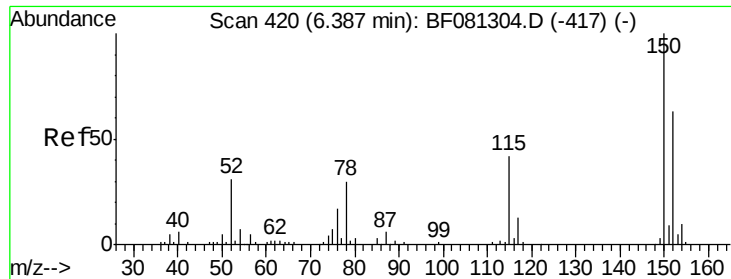
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

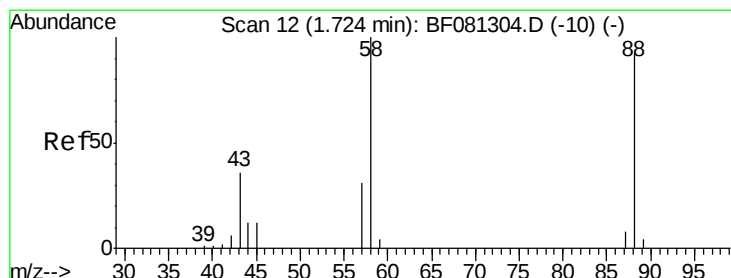
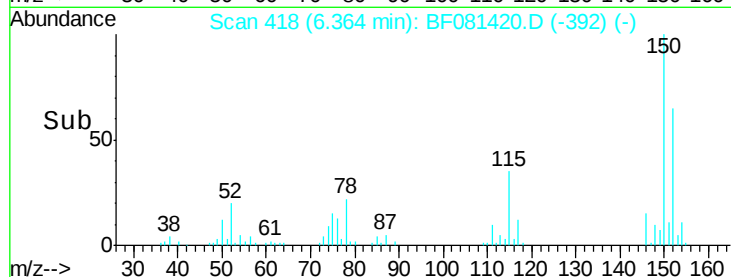
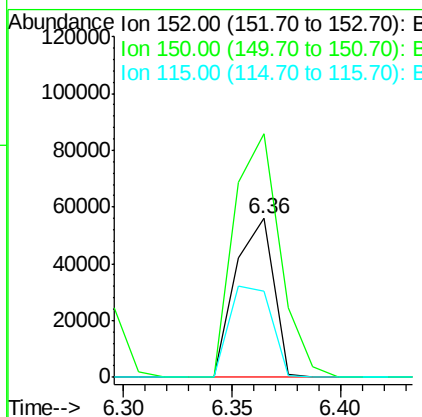
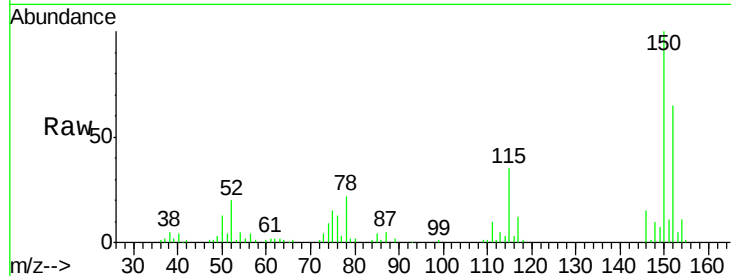
ClientSampleId :

PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	68290		
150	153.1	124.7	187.1	
115	53.8	39.0	58.4	

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#2

1,4-Dioxane

Concen: 30.10 ng

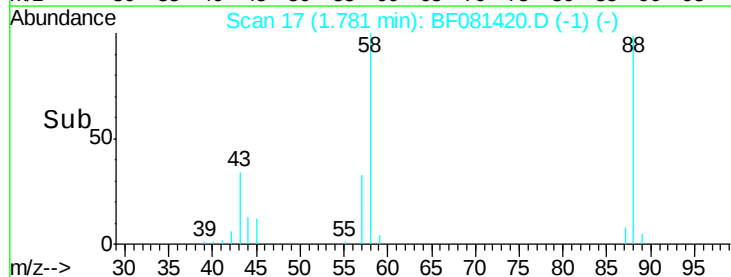
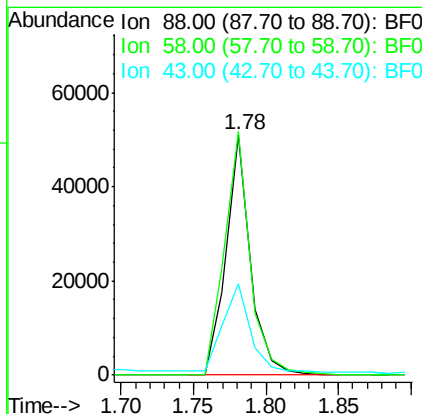
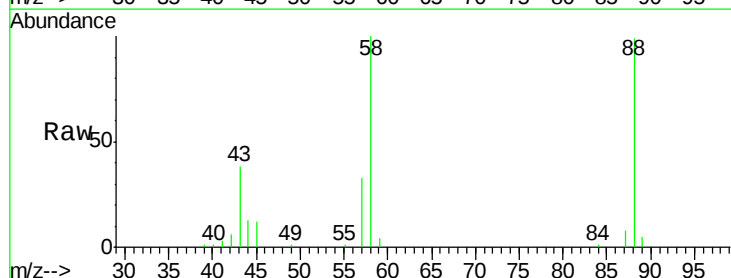
RT: 1.78 min Scan# 17

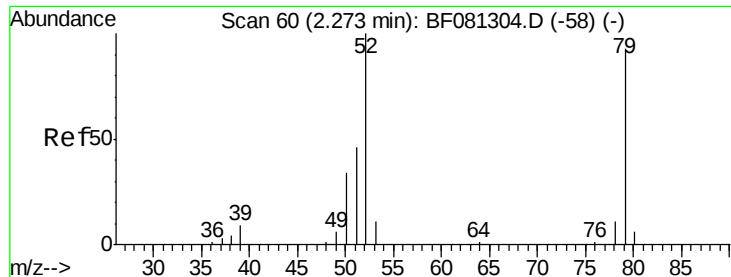
Delta R.T. 0.10 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	59504		
58	107.0	77.7	116.5	
43	43.0	26.6	40.0	





#3

Pyridine

Concen: 28.53 ng

RT: 2.32 min Scan# 64

Delta R.T. 0.09 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

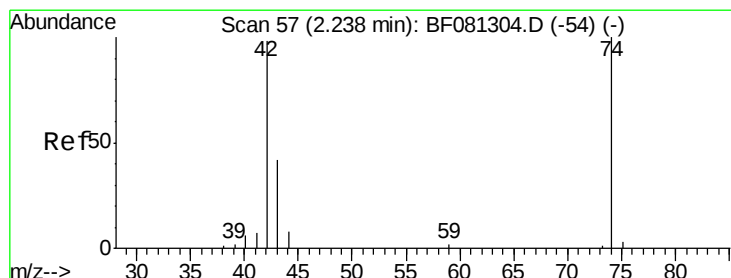
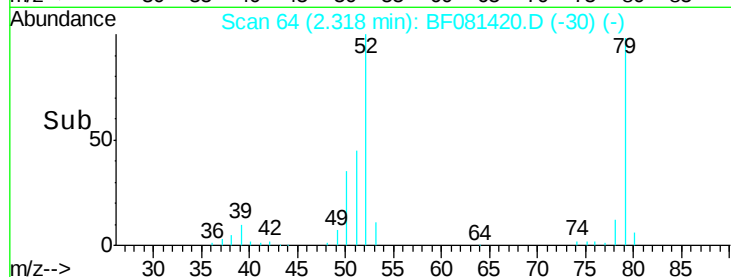
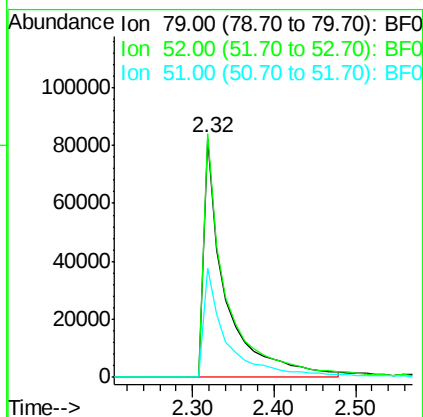
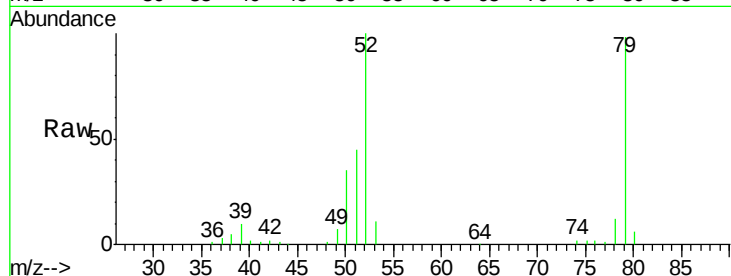
ClientSampleId :

PB85372BS

Tgt Ion:	79	Resp:	155527
Ion	Ratio	Lower	Upper
79	100		
52	101.9	76.8	115.2
51	45.9	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 38.13 ng

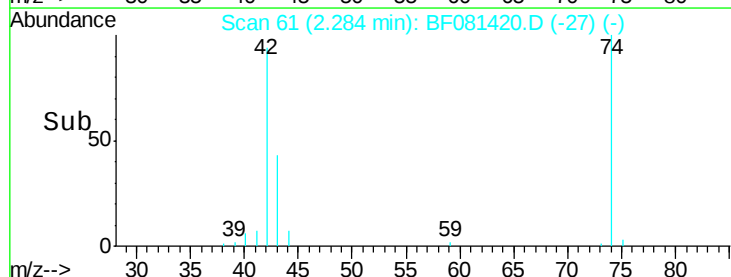
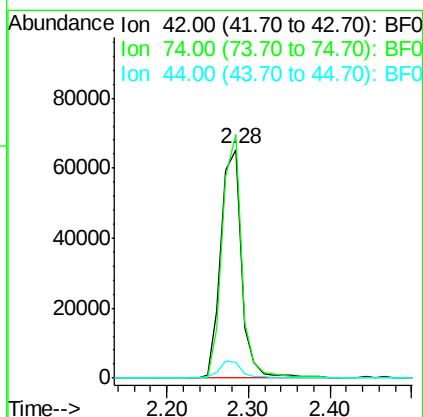
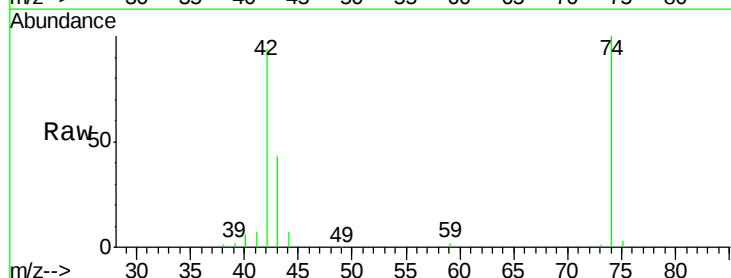
RT: 2.28 min Scan# 61

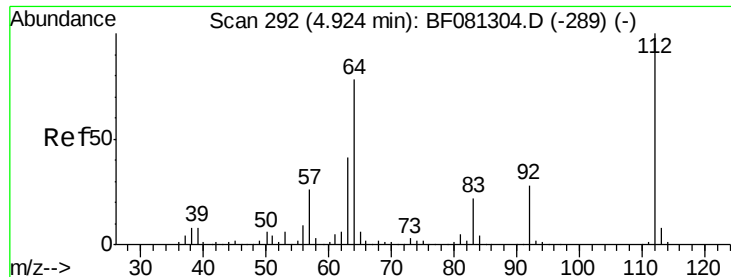
Delta R.T. 0.09 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Tgt Ion:	42	Resp:	115449
Ion	Ratio	Lower	Upper
42	100		
74	106.5	105.0	157.6
44	7.1	6.6	10.0





#5

2-Fluorophenol

Concen: 115.82 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.02 min

Lab File: BF081420.D

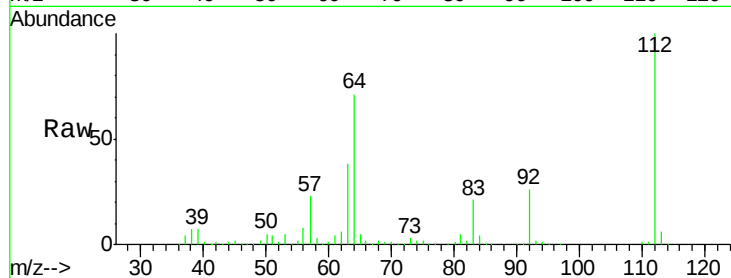
Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

PB85372BS



Tgt Ion: 112 Resp: 509764

Ion Ratio Lower Upper

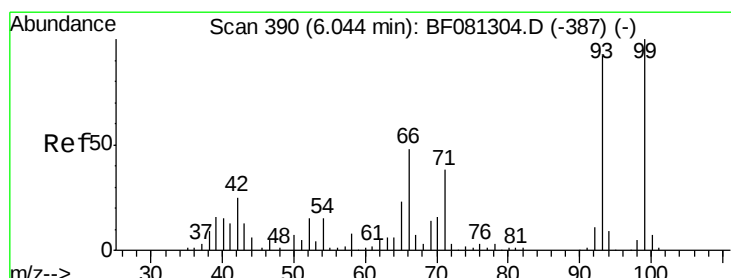
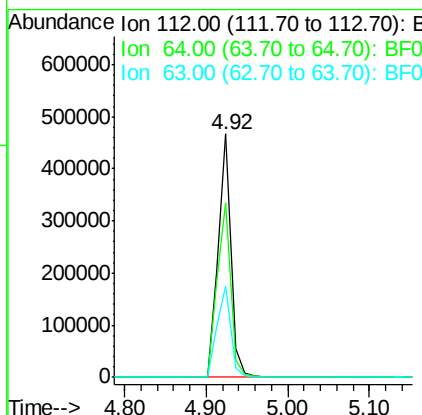
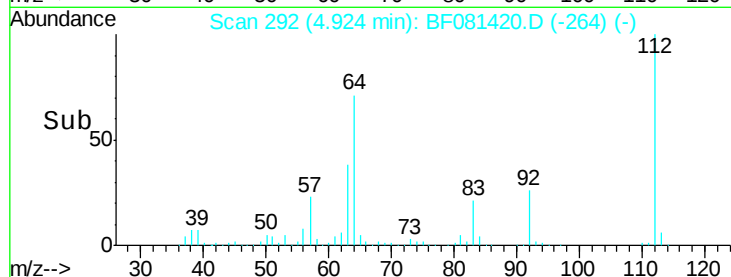
112 100

64 71.5 39.7 59.5#

63 37.8 17.4 26.0#

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#6

Aniline

Concen: 23.52 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

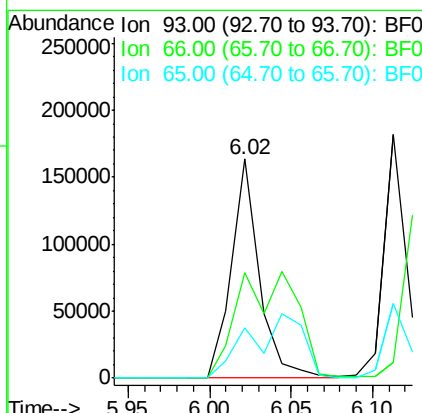
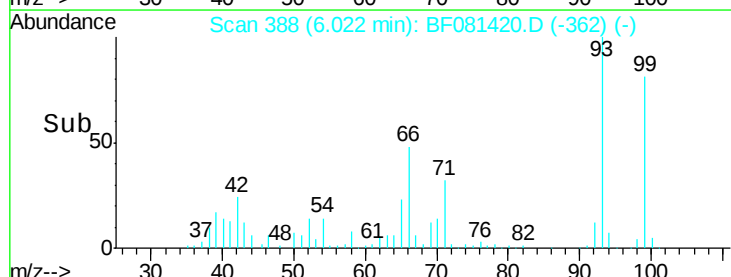
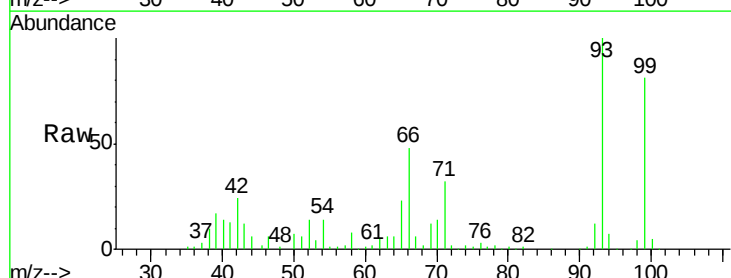
Tgt Ion: 93 Resp: 193517

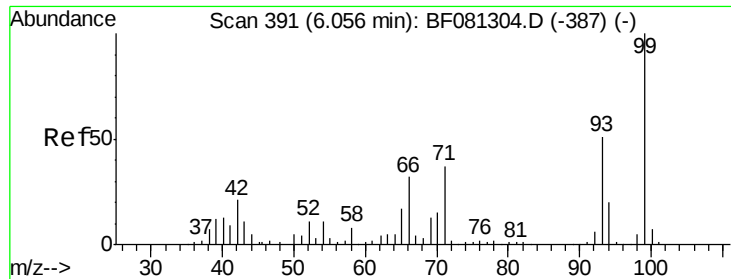
Ion Ratio Lower Upper

93 100

66 48.2 27.2 40.8#

65 23.1 14.7 22.1#





#7

Phenol-d6

Concen: 116.29 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 677533
Ion Ratio Lower Upper

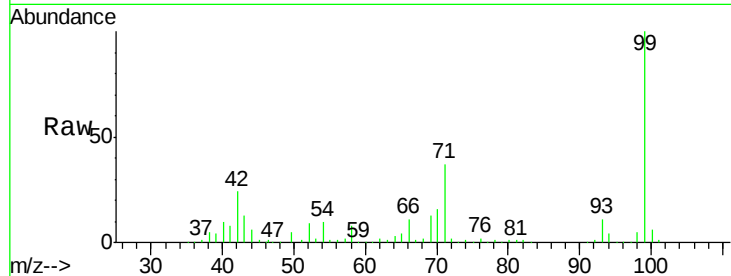
99 100

42 23.9 13.7 20.5#

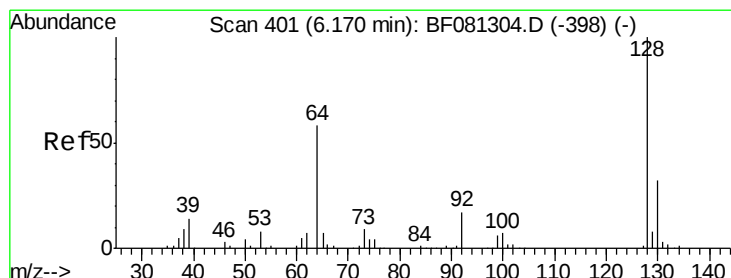
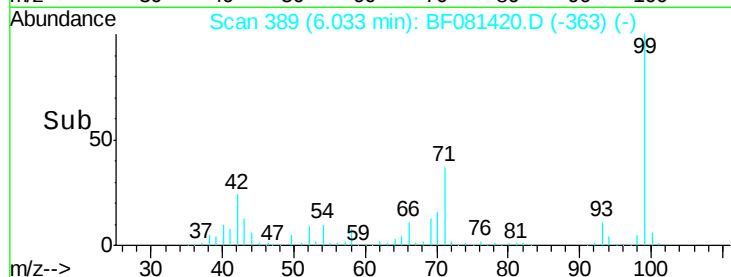
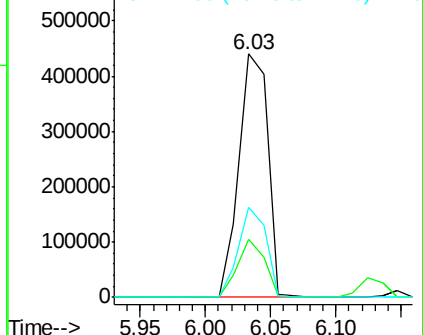
71 36.8 14.2 21.2#

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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: 37.42 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081420.D

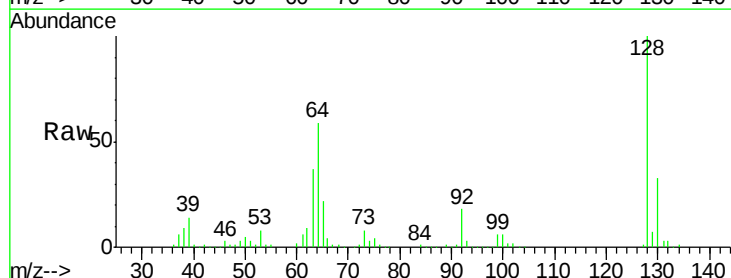
Acq: 4 Sep 2015 15:41

Tgt Ion: 128 Resp: 181509
Ion Ratio Lower Upper

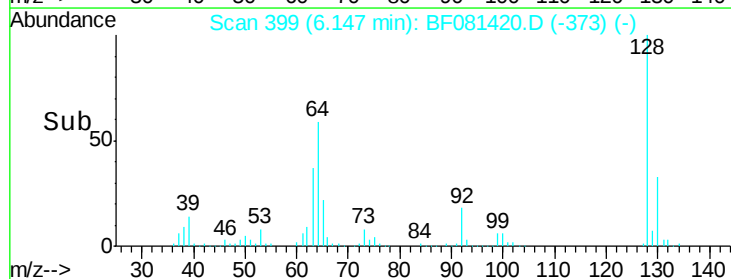
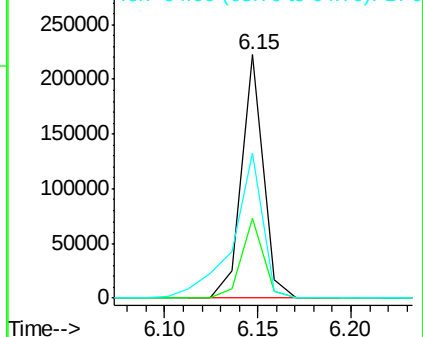
128 100

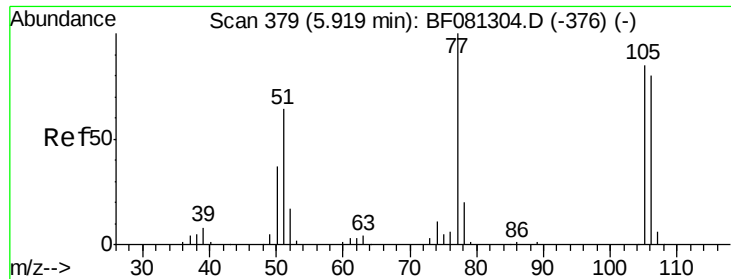
130 32.6 12.2 52.2

64 59.5 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: 6.20 ng

RT: 5.90 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

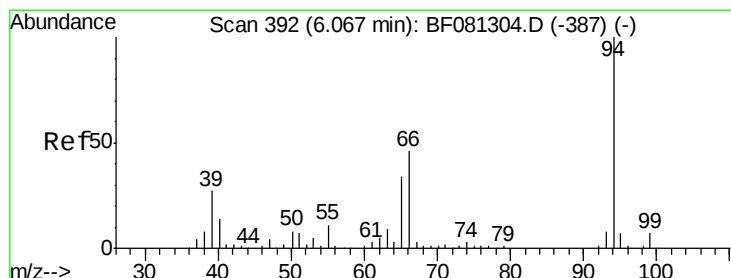
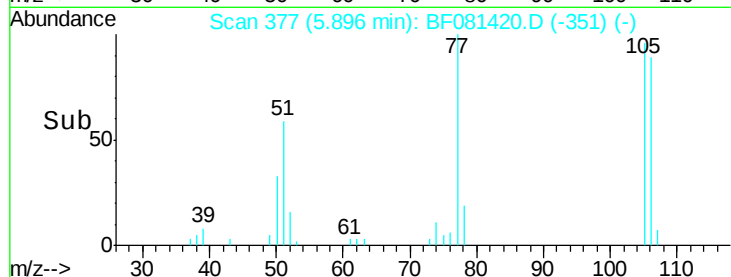
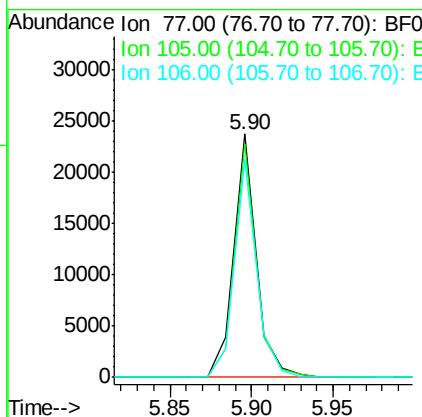
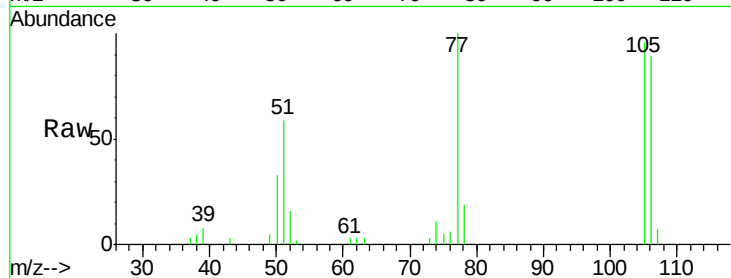
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Tgt Ion:	77	Resp:	22646
Ion	Ratio	Lower	Upper
77	100		
105	95.8	91.6	131.6
106	89.4	102.6	142.6#



#10

Phenol

Concen: 31.17 ng

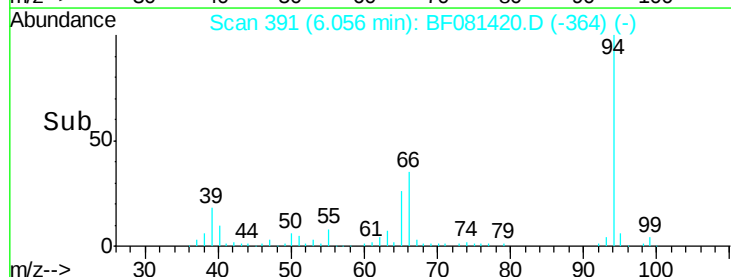
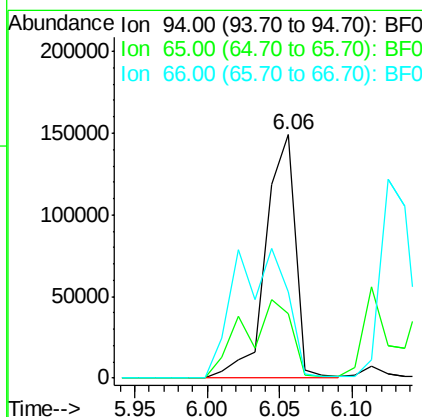
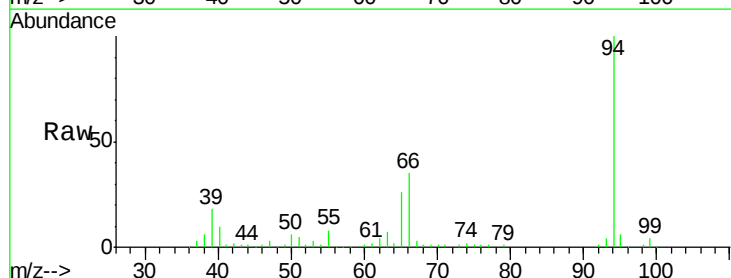
RT: 6.06 min Scan# 391

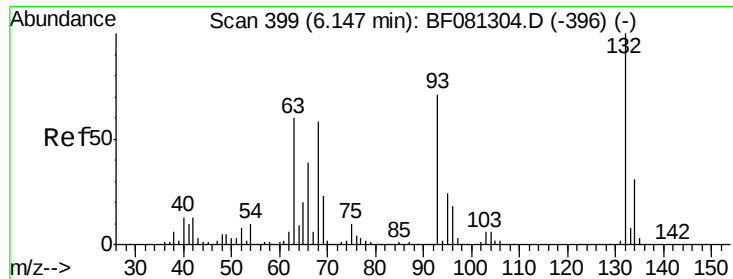
Delta R.T. 0.01 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Tgt Ion:	94	Resp:	210617
Ion	Ratio	Lower	Upper
94	100		
65	26.4	0.7	40.7
66	35.4	0.8	40.8





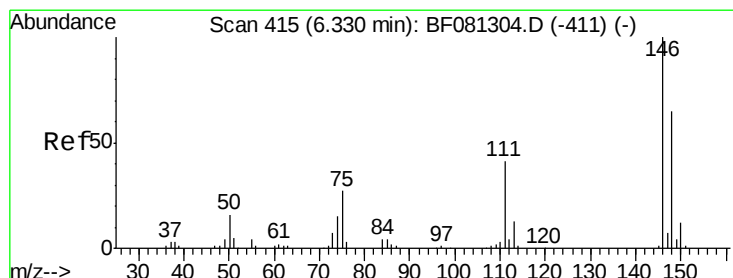
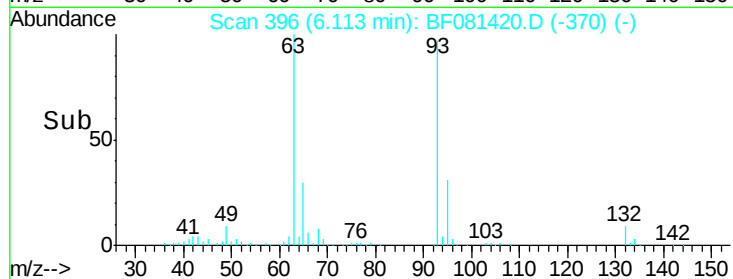
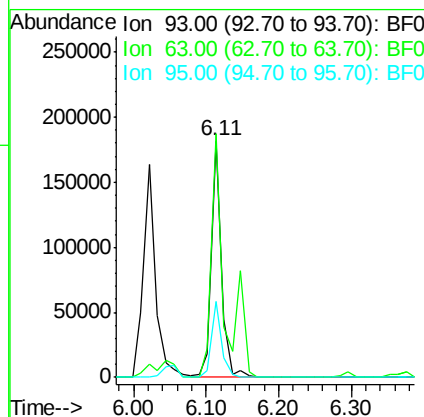
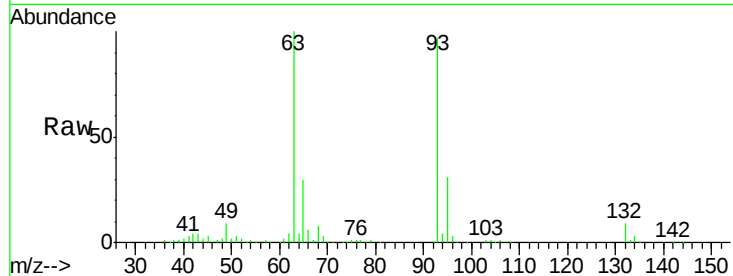
#11
bis(2-Chloroethyl)ether
Concen: 36.71 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :
PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	178947		
63	103.0	65.6	105.6	
95	32.3	13.6	53.6	

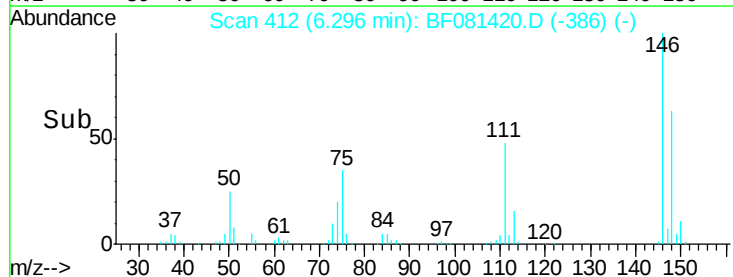
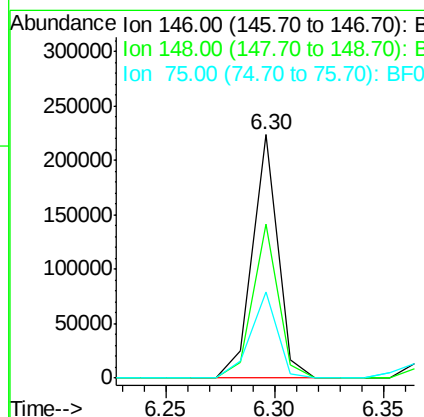
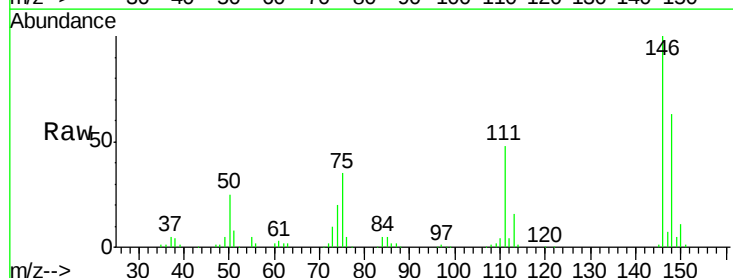
Manual Integrations
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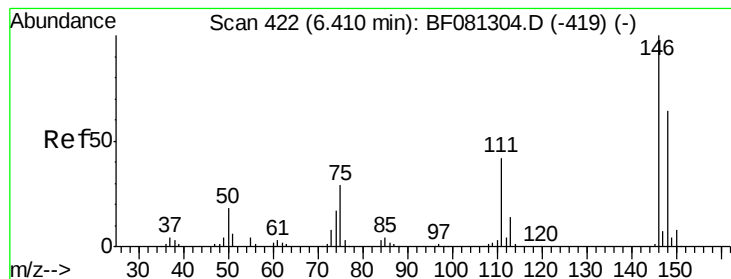
MMDadoda
9/8/2015 1:56:40 PM



#12
1,3-Dichlorobenzene
Concen: 35.24 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	182635		
148	63.2	51.0	76.4	
75	35.4	15.0	22.6	





#13

1,4-Dichlorobenzene

Concen: 33.30 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF081420.D

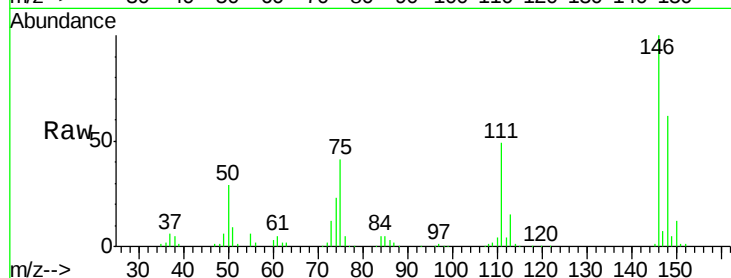
Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

PB85372BS



Tgt Ion:146 Resp: 175699

Ion Ratio Lower Upper

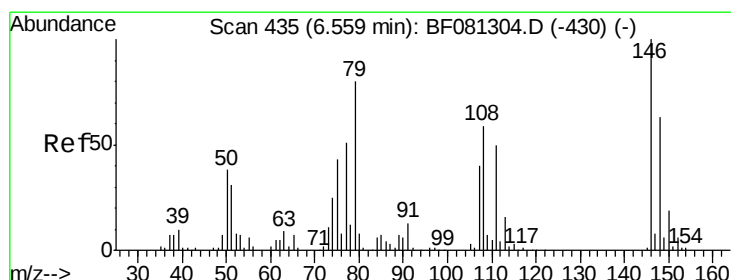
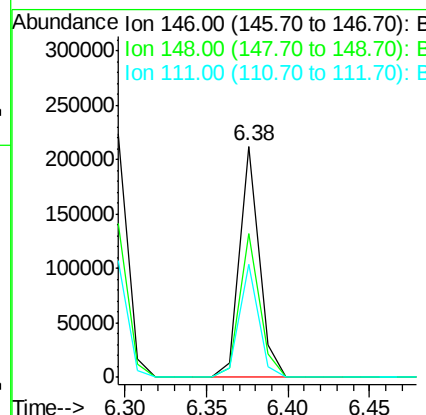
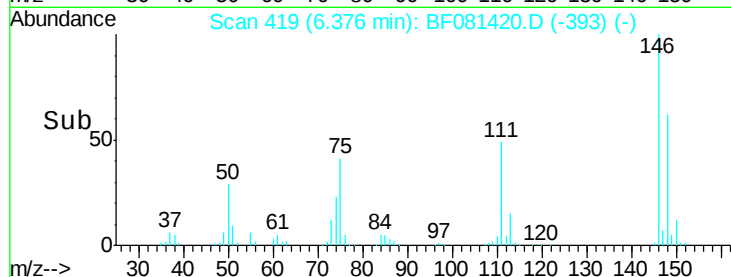
146 100

148 62.3 51.8 77.6

111 49.2 24.9 37.3#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 33.65 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

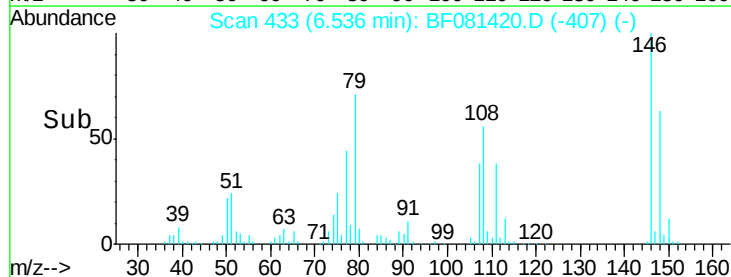
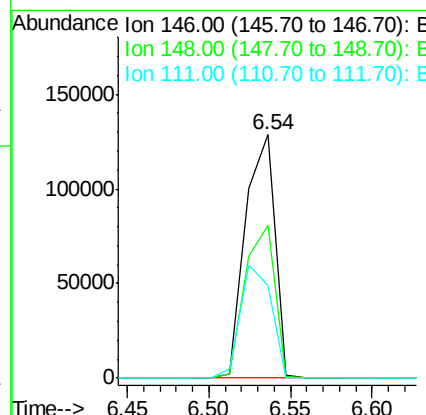
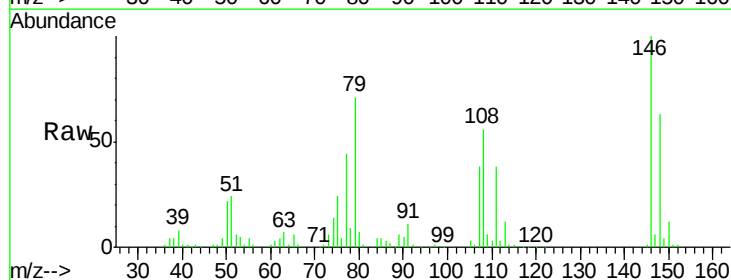
Tgt Ion:146 Resp: 159879

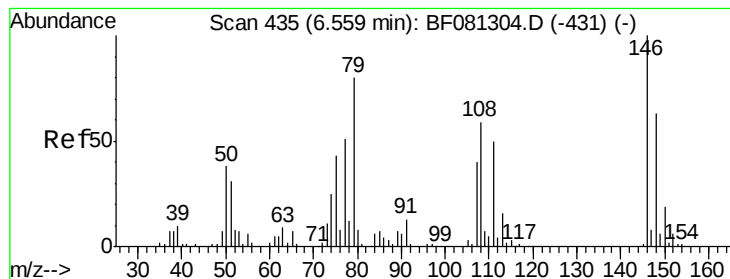
Ion Ratio Lower Upper

146 100

148 62.7 52.7 79.1

111 37.8 28.8 43.2





#15

Benzyl Alcohol

Concen: 35.89 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

PB85372BS

Manual Integrations
APPROVED

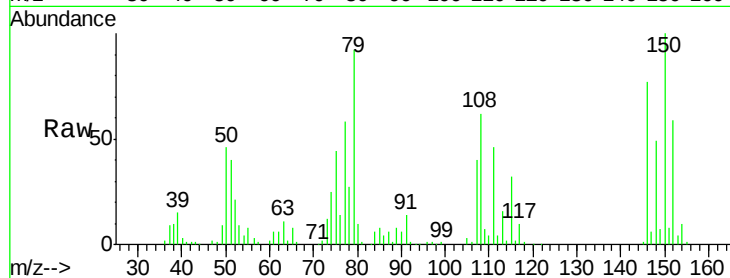
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Tgt Ion: 79 Resp: 171532
Ion Ratio Lower Upper

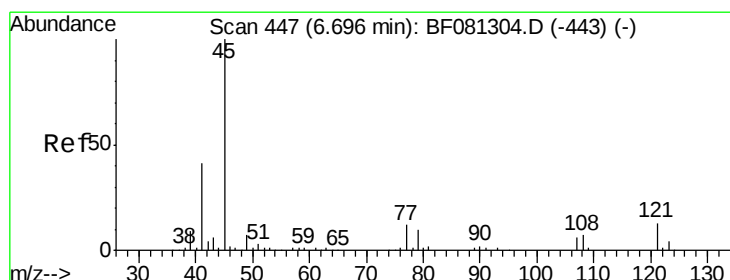
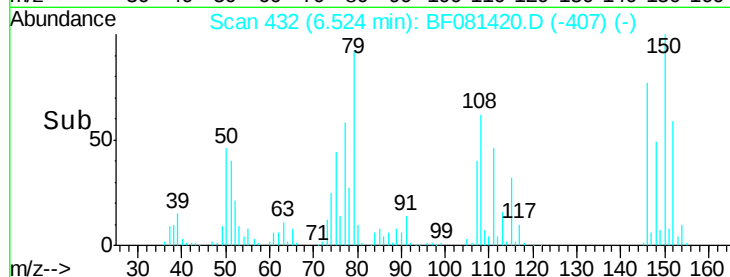
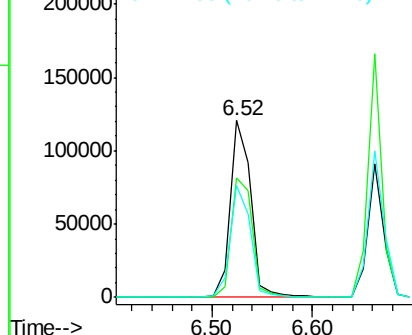
79 100

108 67.7 88.6 132.8#

77 63.3 47.0 70.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.37 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF081420.D

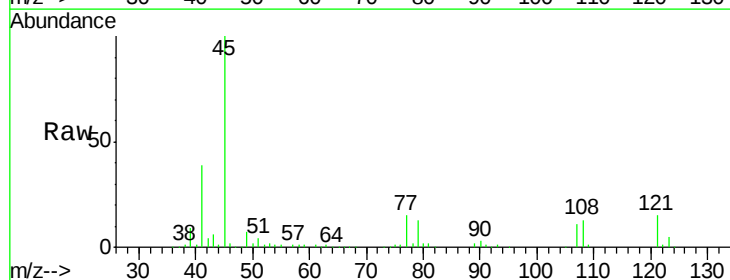
Acq: 4 Sep 2015 15:41

Tgt Ion: 45 Resp: 367820
Ion Ratio Lower Upper

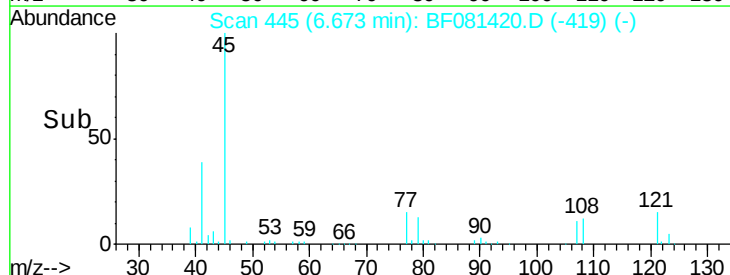
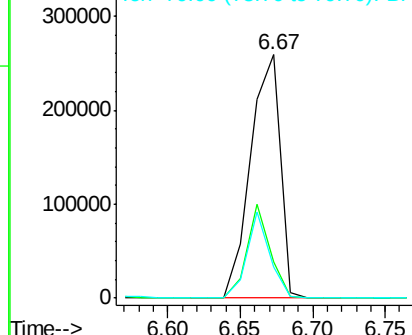
45 100

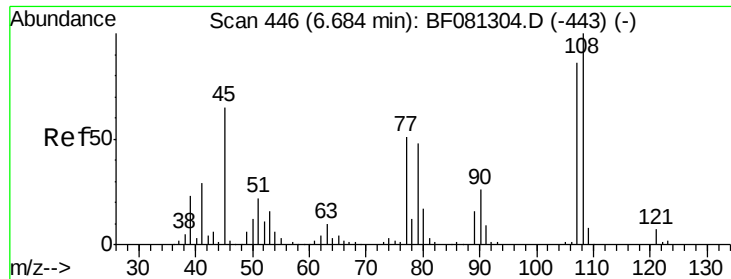
77 14.8 0.0 28.1

79 12.6 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





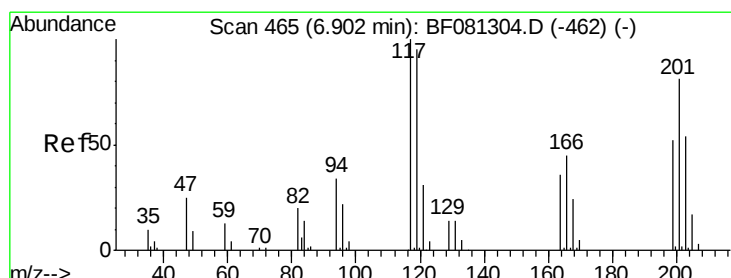
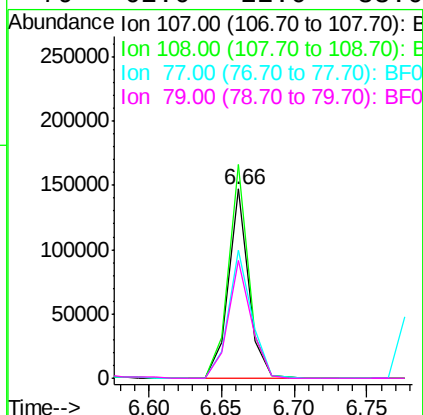
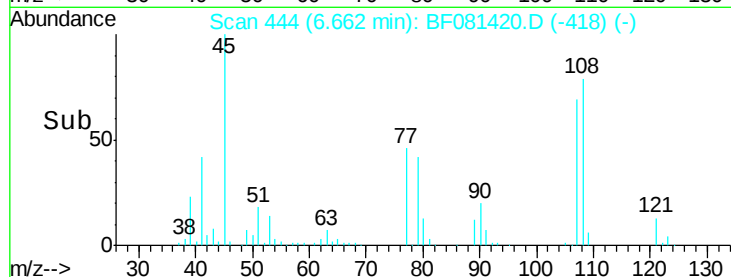
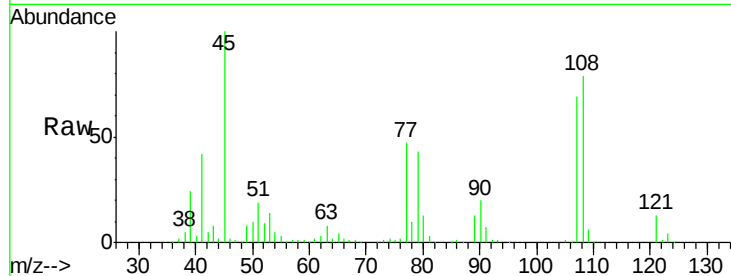
#17
2-Methylphenol
Concen: 36.67 ng
RT: 6.66 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :
PB85372BS

Tgt Ion:	107	Resp:	141910
Ion Ratio	Lower	Upper	
107	100		
108	113.0	96.6	145.0
77	68.0	23.3	34.9#
79	62.0	22.0	33.0#

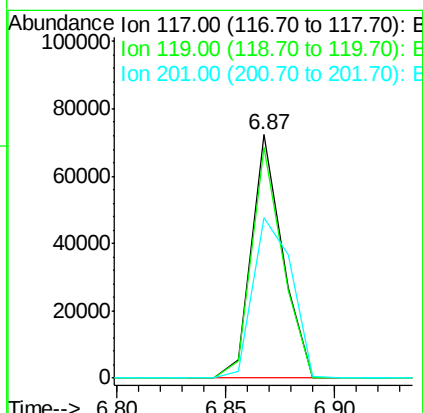
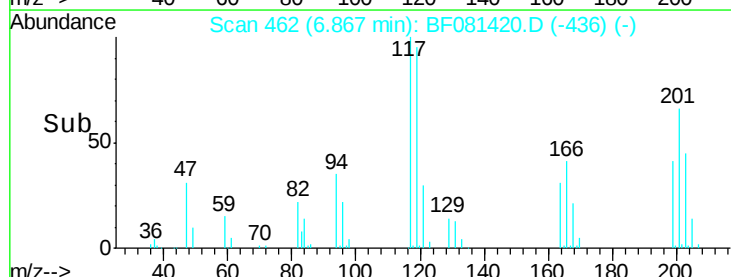
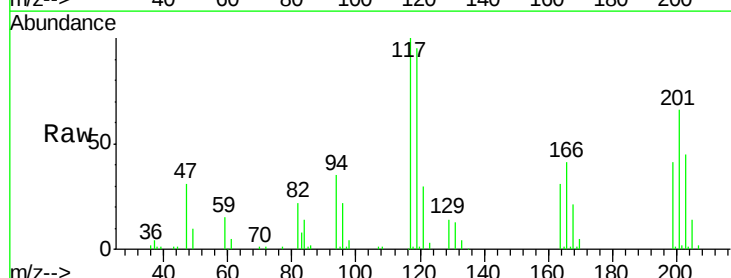
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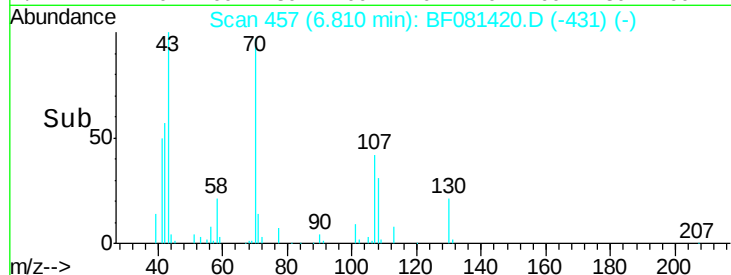
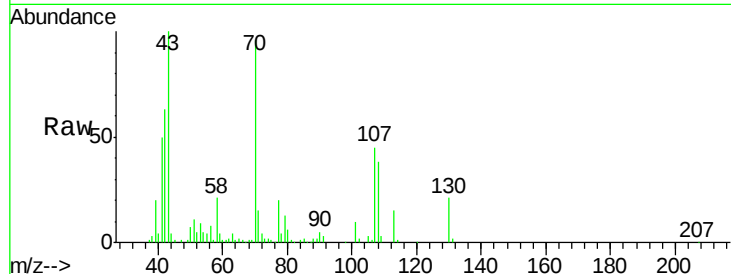
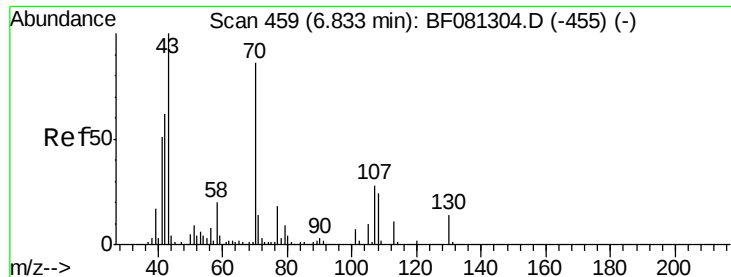
MMDadoda
9/8/2015 1:56:40 PM



#18
Hexachloroethane
Concen: 34.98 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion:	117	Resp:	71805
Ion Ratio	Lower	Upper	
117	100		
119	95.0	83.8	125.6
201	65.8	55.1	82.7





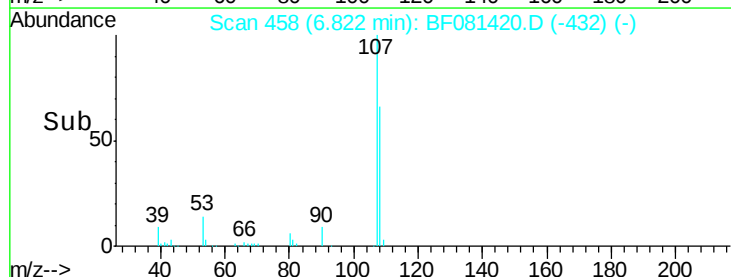
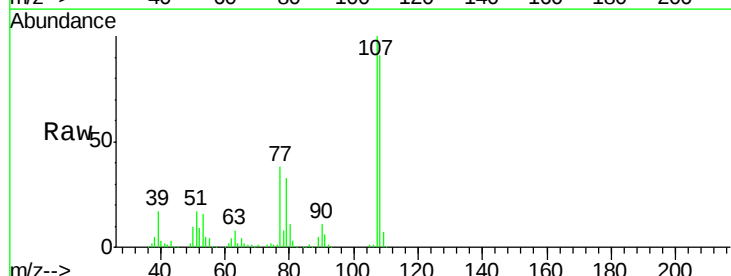
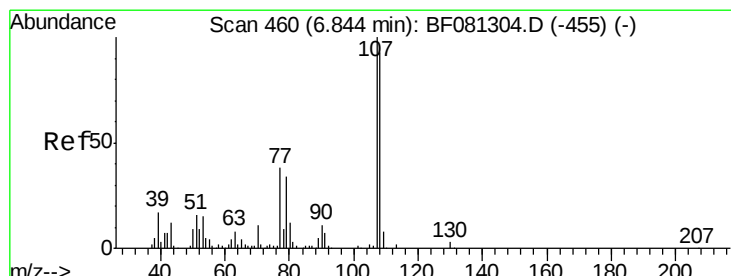
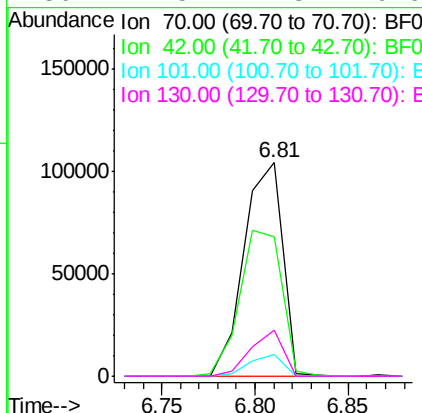
#19
n-Nitroso-di-n-propylamine
Concen: 37.64 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :
PB85372BS

Manual Integrations
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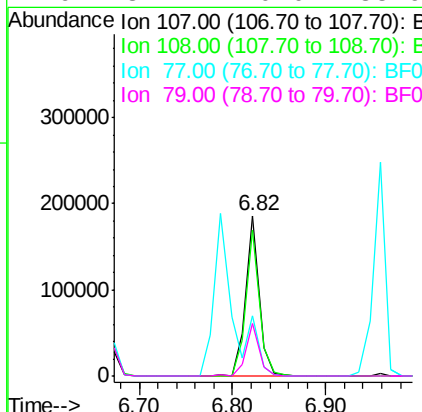
MMDadoda
9/8/2015 1:56:40 PM

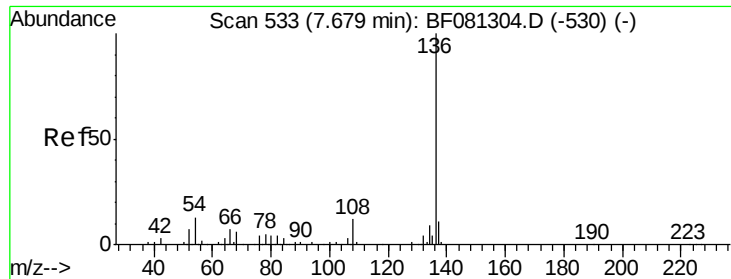
Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.0	63.8	95.6
101	10.0	9.2	13.8
130	21.5	27.3	40.9#



#20
3+4-Methylphenols
Concen: 36.39 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	74.6	114.6
77	37.7	0.7	40.7
79	32.7	0.0	38.9





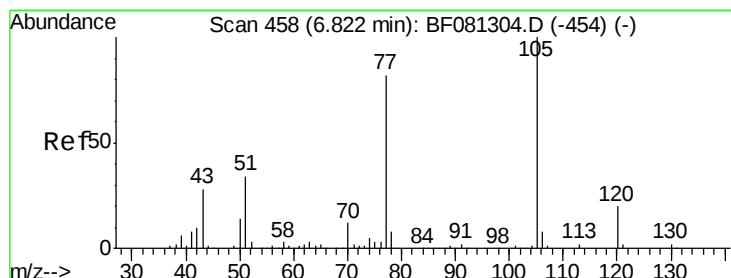
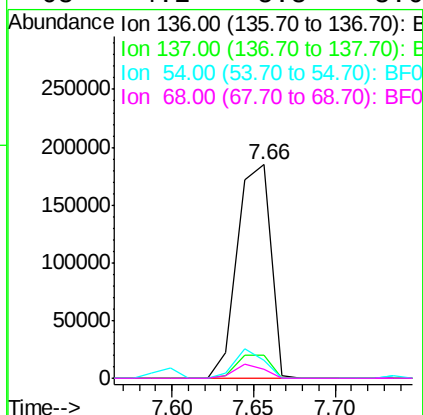
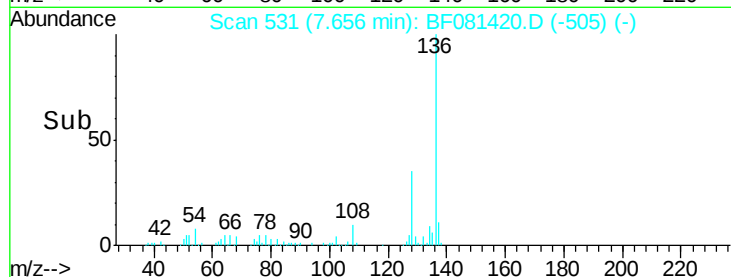
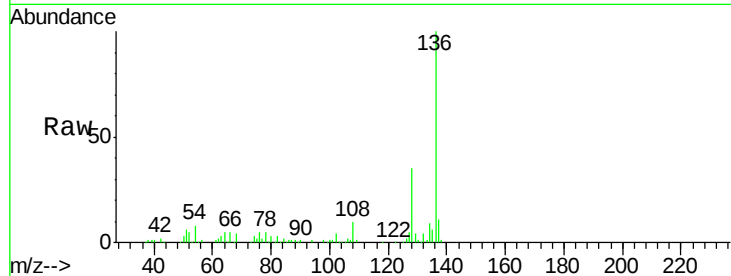
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :
PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	261341		
137	10.6	9.0	13.6	
54	8.5	8.2	12.2	
68	4.2	5.8	8.6#	

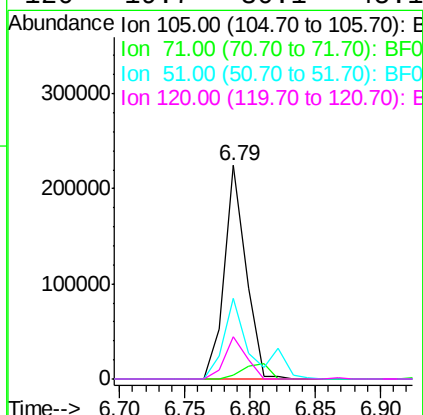
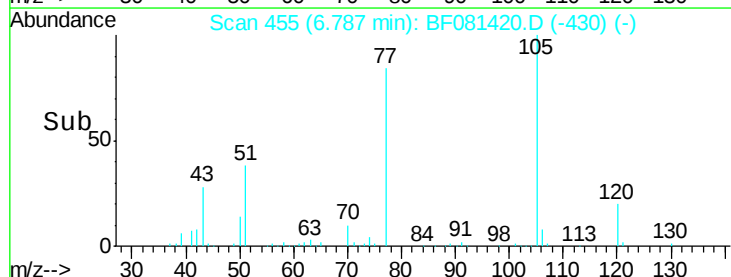
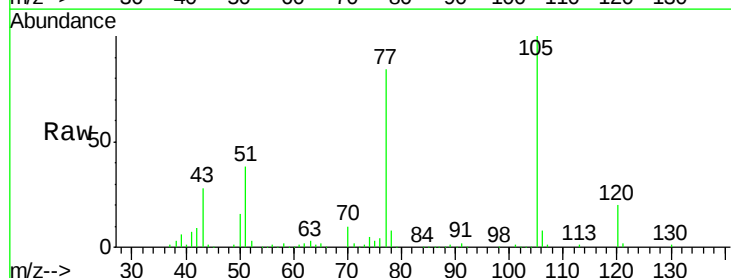
Manual Integrations
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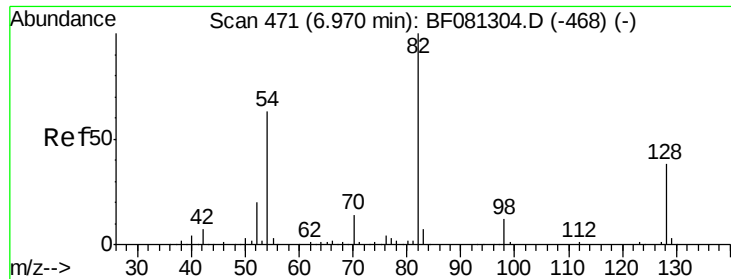
MMDadoda
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#22
Acetophenone
Concen: 36.36 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	259531		
71	1.6	4.7	7.1#	
51	37.8	22.0	33.0#	
120	19.7	30.1	45.1#	





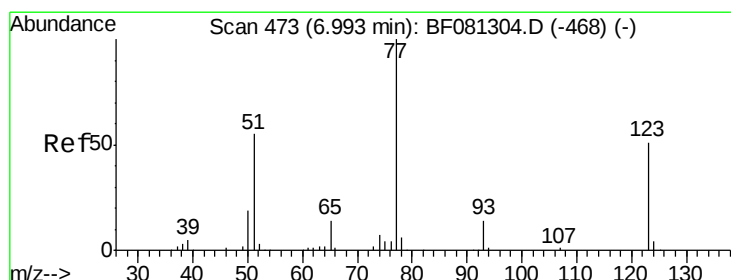
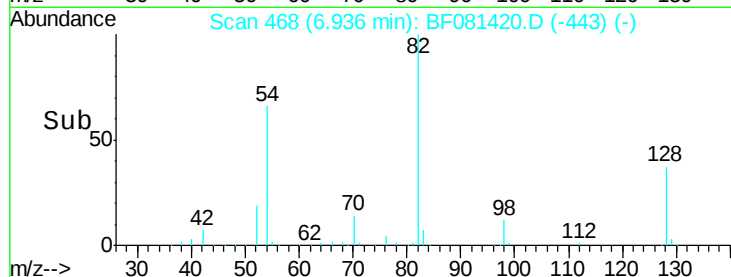
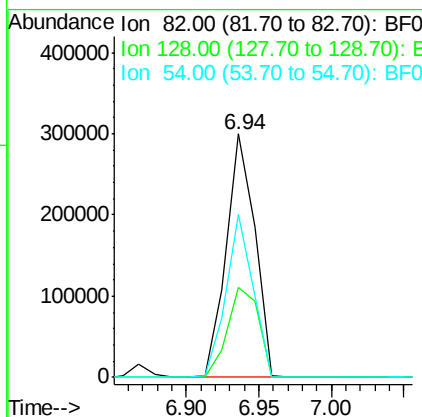
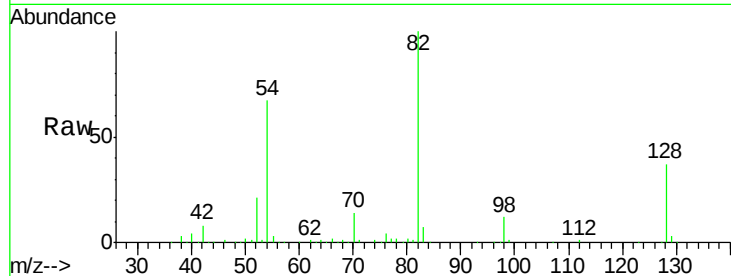
#23
 Nitrobenzene-d5
 Concen: 75.49 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	37.2	51.0	76.6#
54	67.1	47.5	71.3

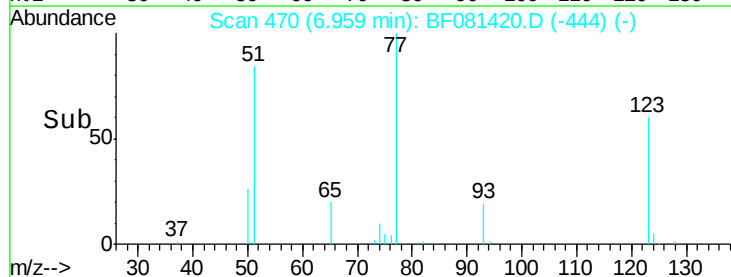
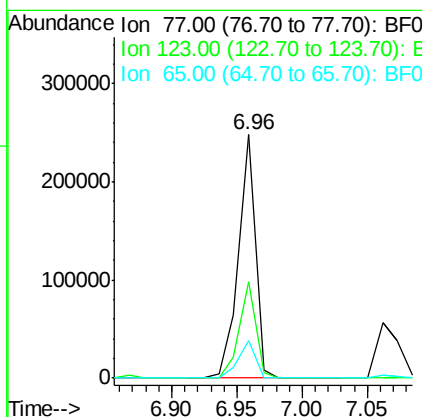
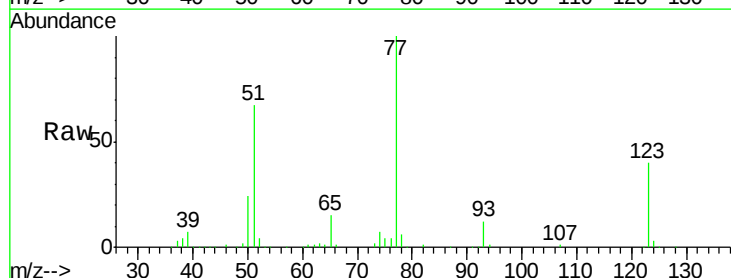
Manual Integrations
 APPROVED

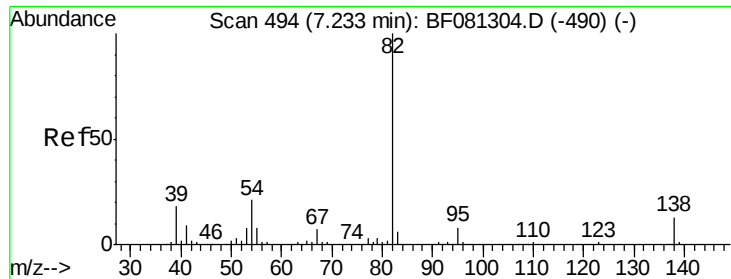
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 9/8/2015 1:56:40 PM



#24
 Nitrobenzene
 Concen: 39.82 ng
 RT: 6.96 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	39.5	59.8	89.8#
65	15.3	10.2	15.4





#25

Isophorone

Concen: 36.79 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081420.D

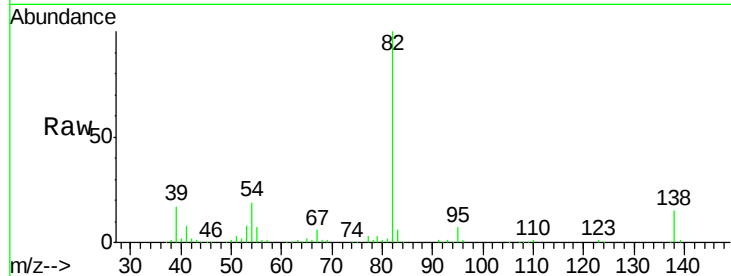
Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

PB85372BS



Tgt Ion: 82 Resp: 370693

Ion Ratio Lower Upper

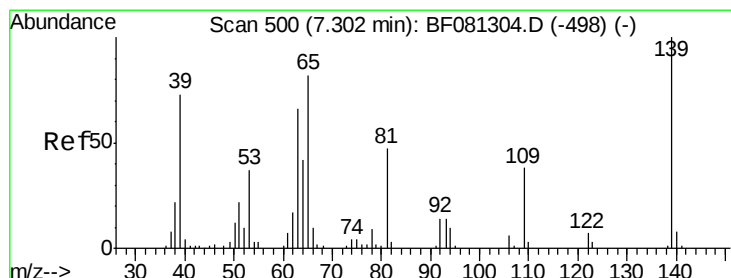
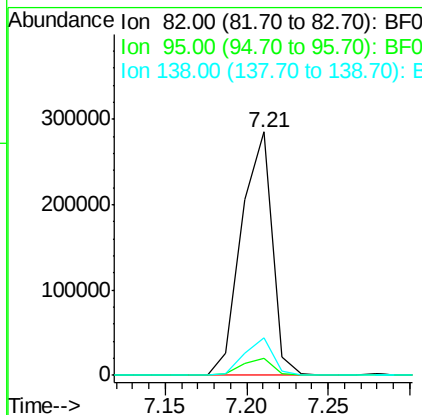
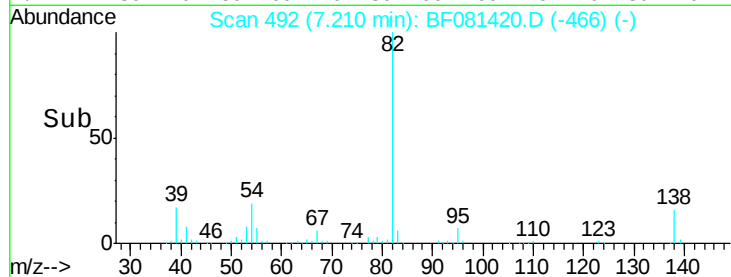
82 100

95 7.2 4.0 6.0#

138 15.5 18.3 27.5#

Manual Integrations
APPROVED

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#26

2-Nitrophenol

Concen: 39.37 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

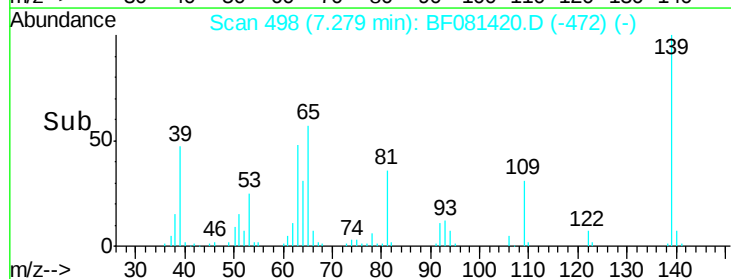
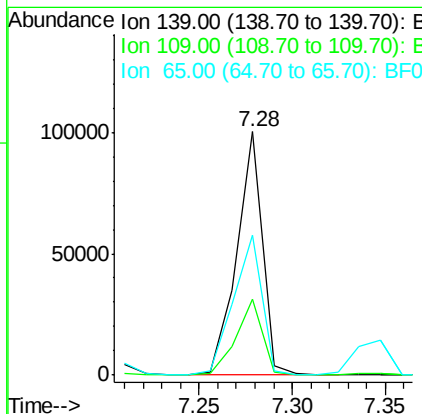
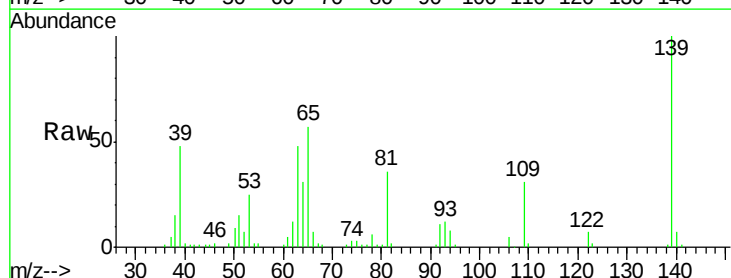
Tgt Ion: 139 Resp: 96525

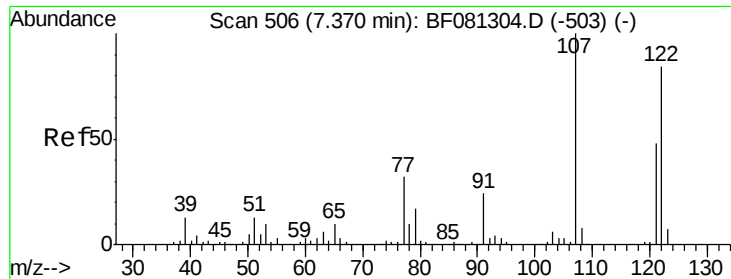
Ion Ratio Lower Upper

139 100

109 31.4 11.0 16.4#

65 57.3 24.7 37.1#





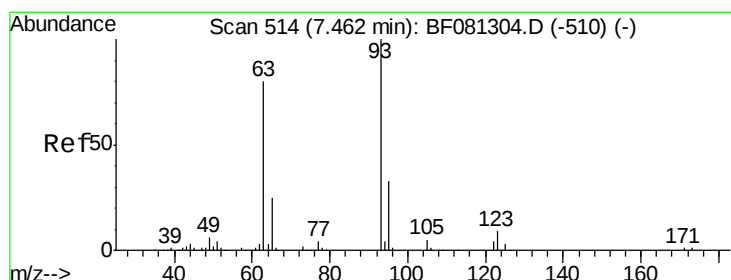
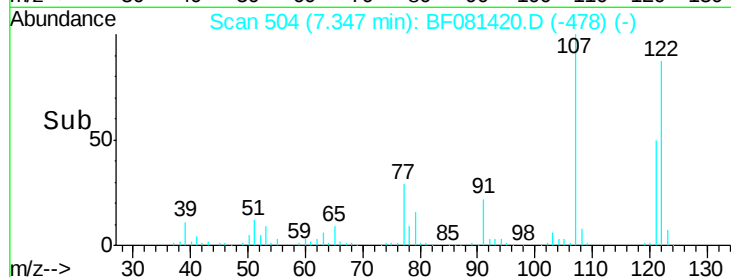
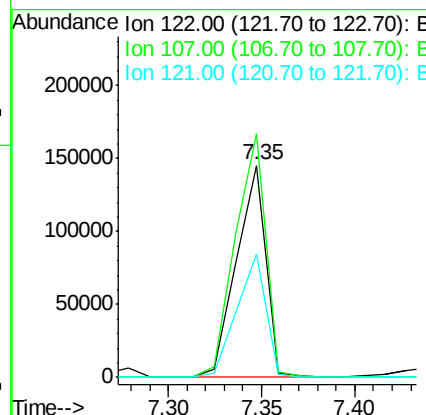
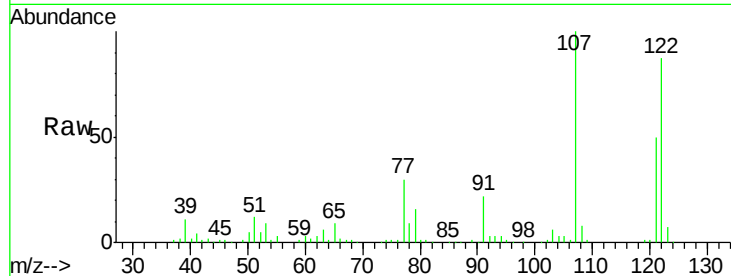
#27
 2,4-Dimethylphenol
 Concen: 38.15 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	161566		
107	115.0	71.8	107.6#	
121	58.0	42.3	63.5	

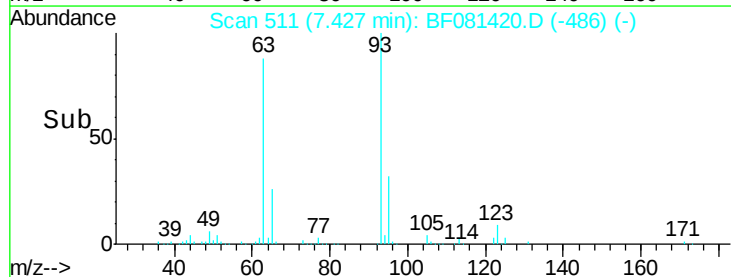
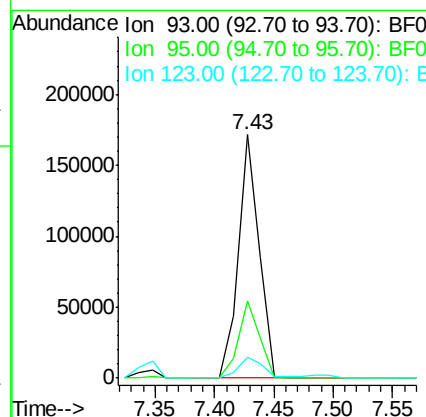
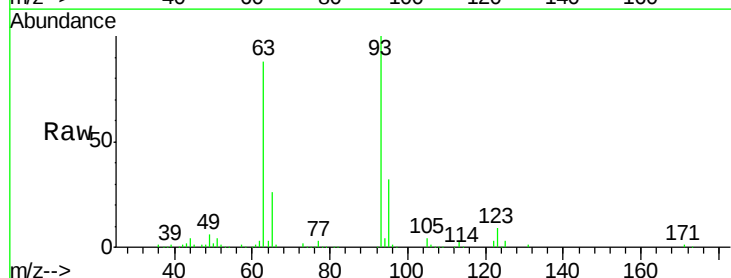
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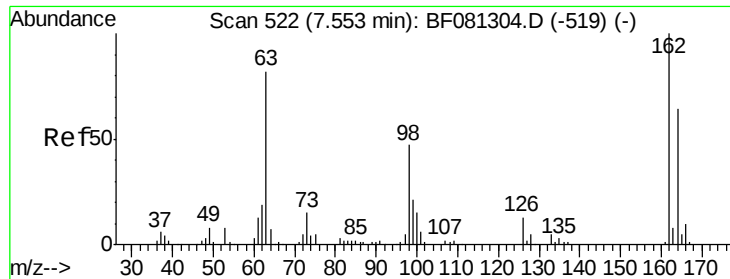
MMDadoda
 9/8/2015 1:56:40 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.78 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	208219		
95	31.8	27.5	41.3	
123	8.8	13.7	20.5#	





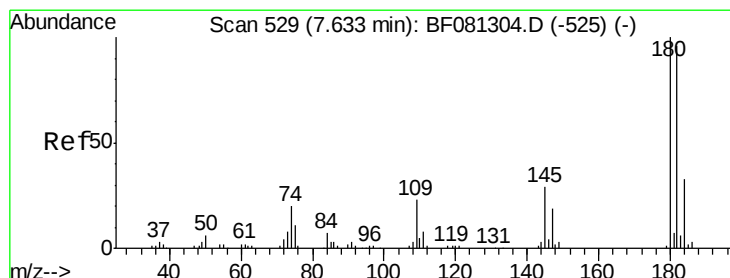
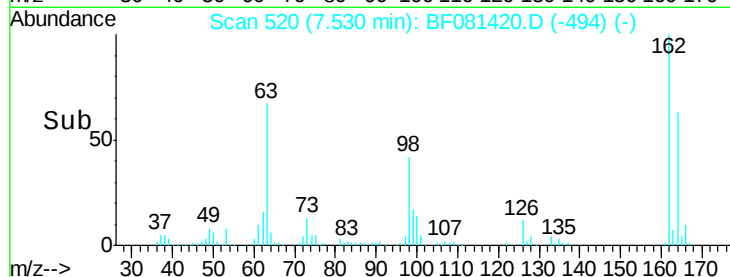
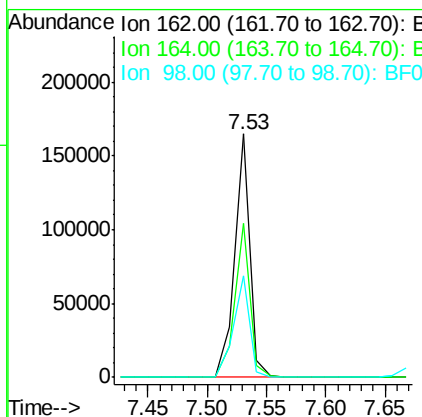
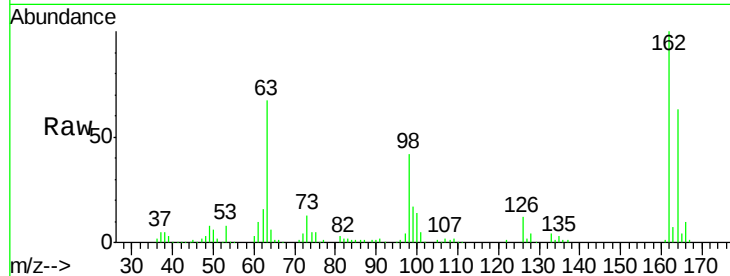
#29
 2,4-Dichlorophenol
 Concen: 39.94 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	146665		
164	63.4	44.9	84.9	
98	41.6	13.0	53.0	

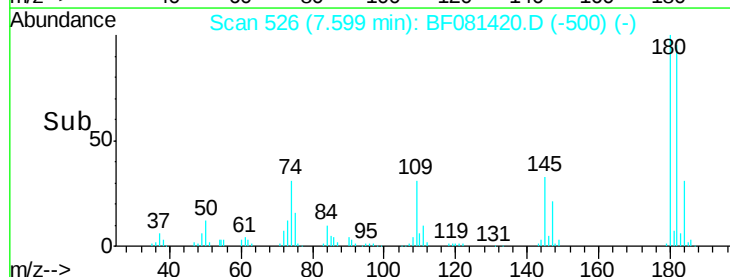
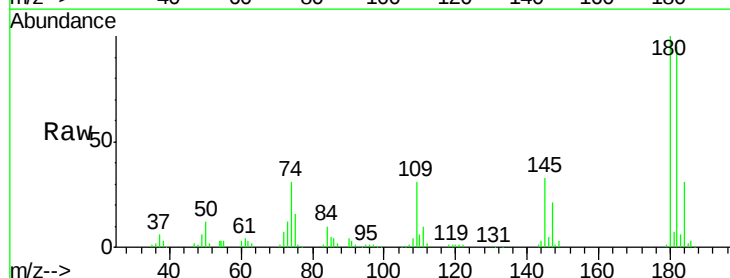
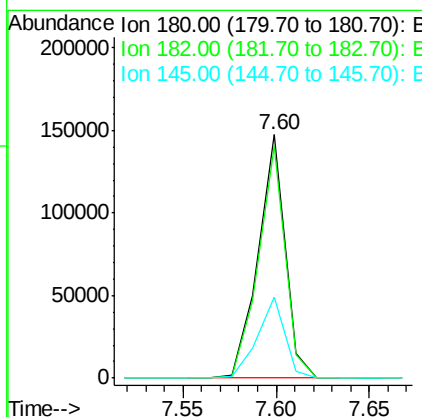
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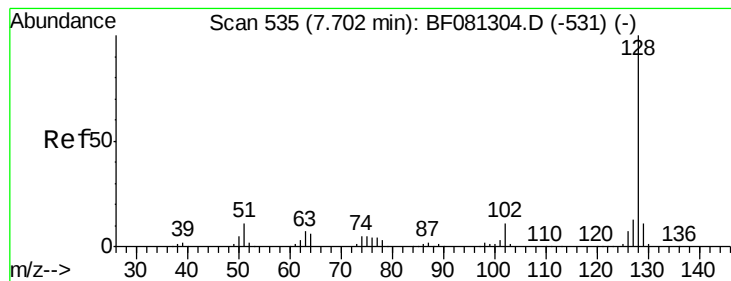
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.90 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	147217		
182	95.3	77.1	115.7	
145	33.3	23.3	34.9	





#31

Naphthalene

Concen: 34.35 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF081420.D

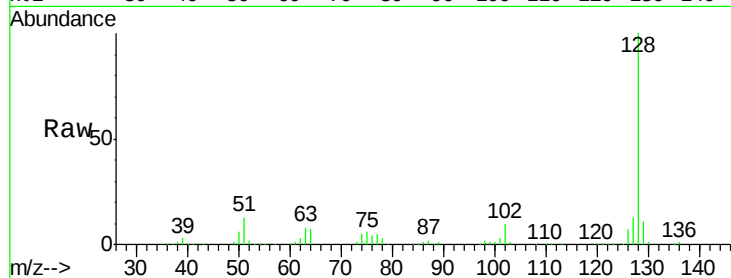
Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

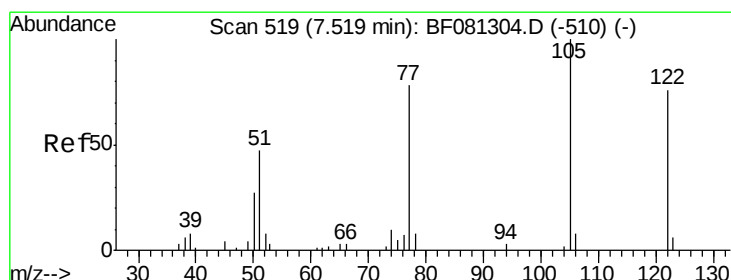
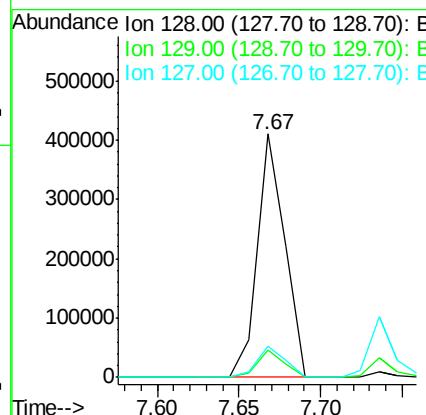
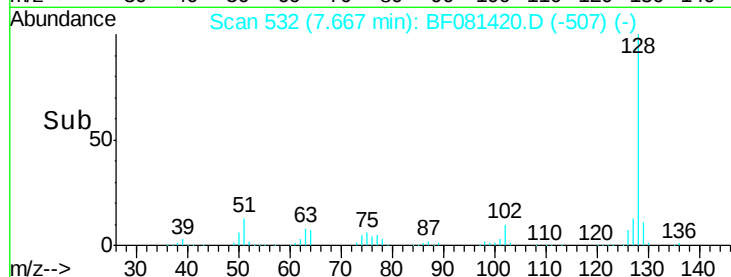
PB85372BS



Tgt Ion	Ratio	Resp	Lower	Upper
128	100	478694		
129	11.3	8.4	12.6	
127	13.0	9.9	14.9	

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#32

Benzoic acid

Concen: 26.27 ng

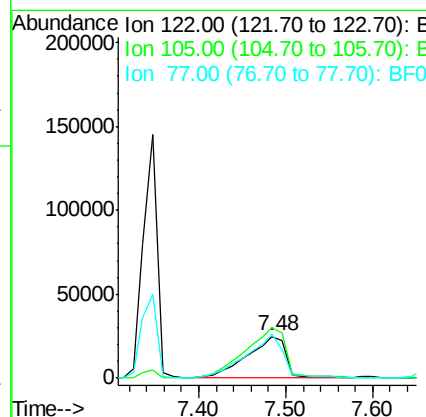
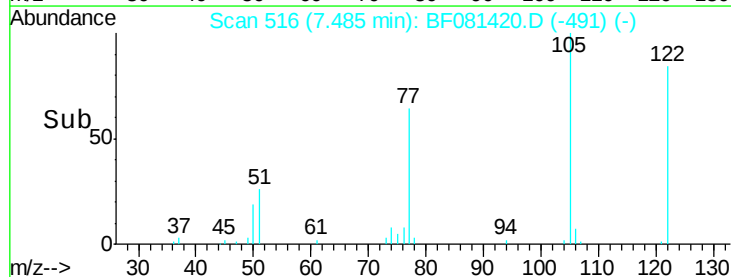
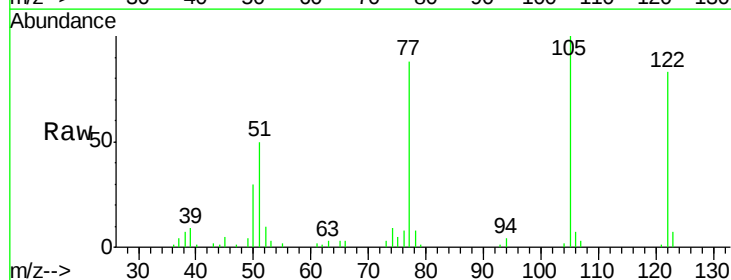
RT: 7.48 min Scan# 516

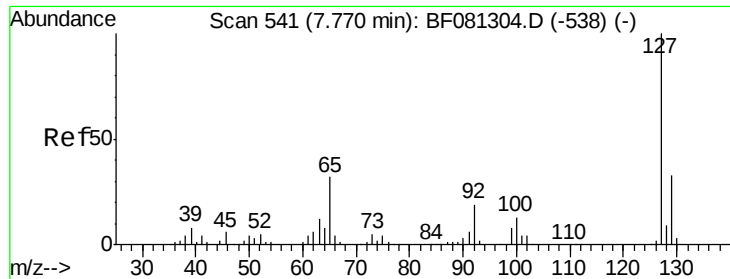
Delta R.T. -0.01 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	75735		
105	120.5	76.1	116.1#	
77	106.4	40.5	80.5#	





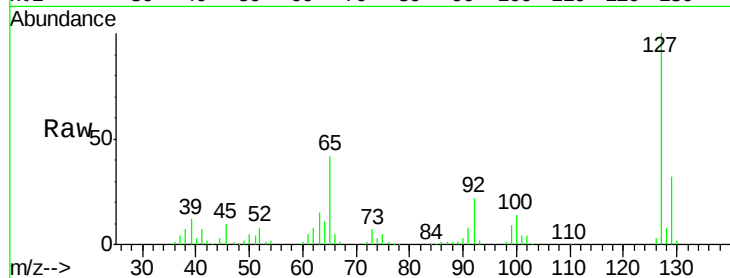
#33
4-Chloroaniline
Concen: 19.43 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :
PB85372BS

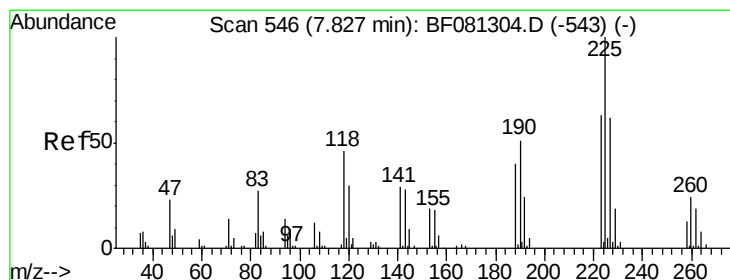
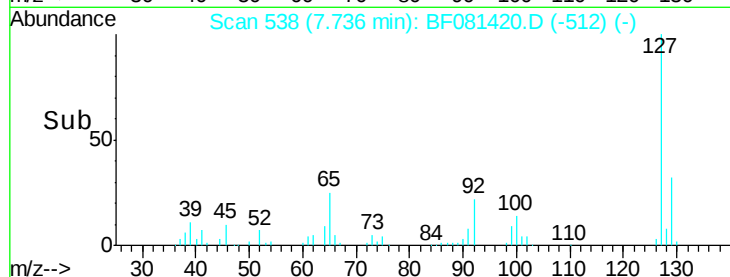
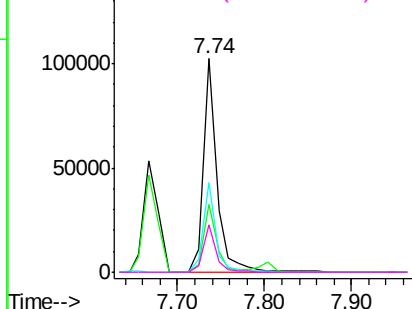
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	110472		
129	31.7	25.8	38.6	
65	42.0	17.9	26.9	
92	22.4	10.5	15.7	

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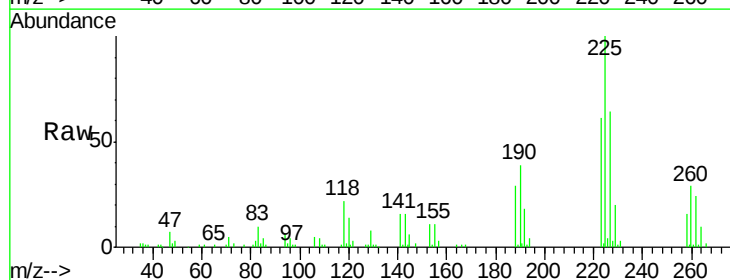


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

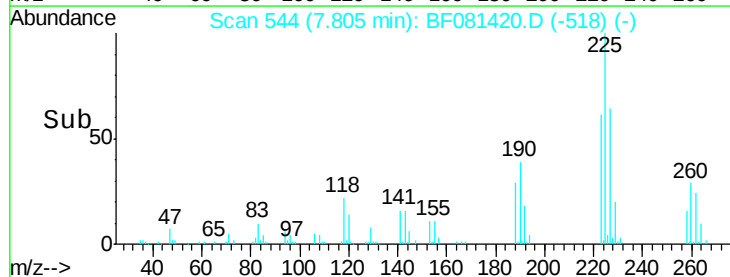
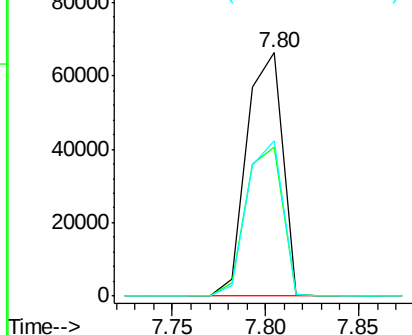


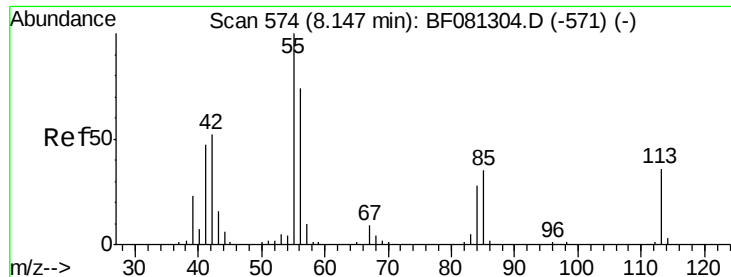
#34
Hexachlorobutadiene
Concen: 36.31 ng
RT: 7.80 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88149		
223	61.3	50.2	75.2	
227	63.6	52.2	78.2	



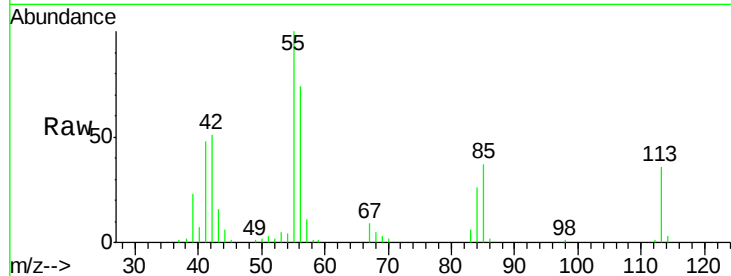
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35
 Caprolactam
 Concen: 43.60 ng m
 RT: 8.11 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

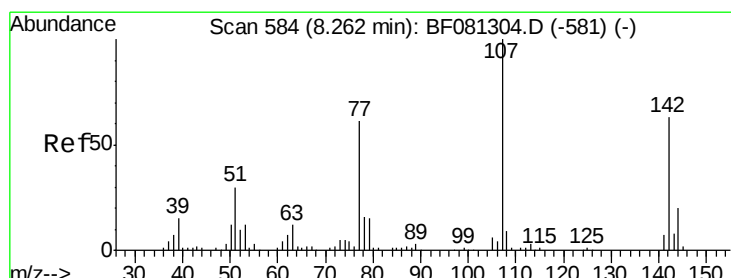
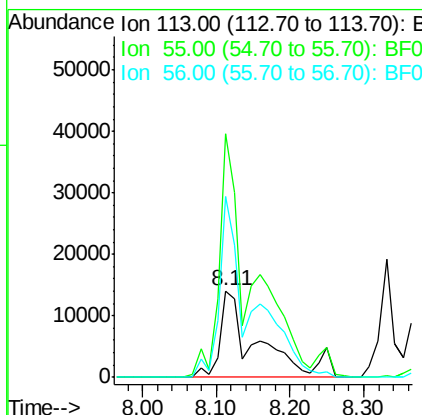
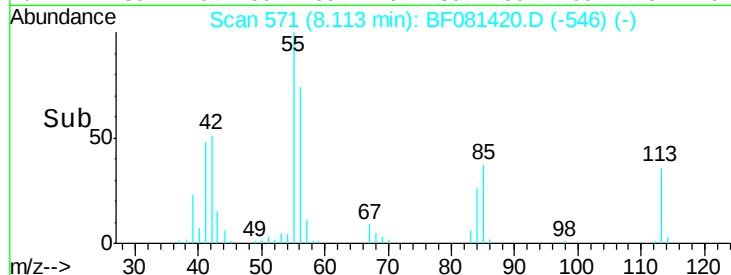
Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS



Tgt Ion	Ratio	Lower	Upper
113	100		
55	280.8	152.4	192.4#
56	208.0	104.6	144.6#

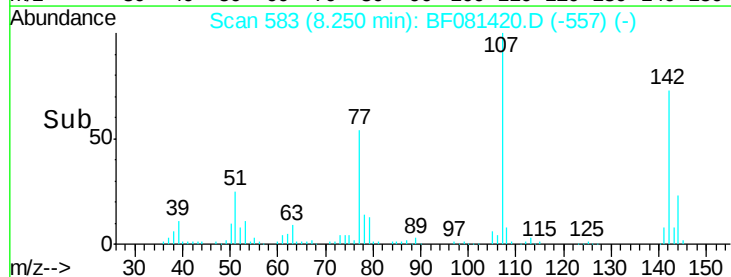
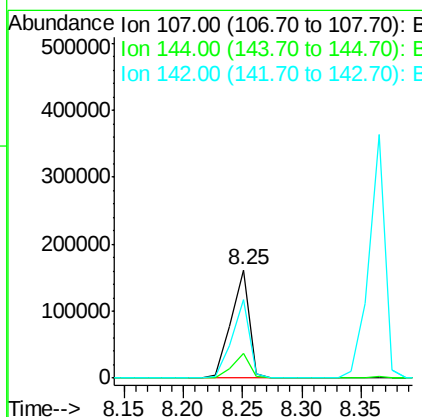
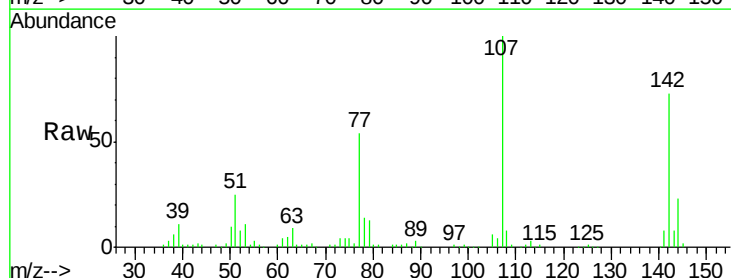
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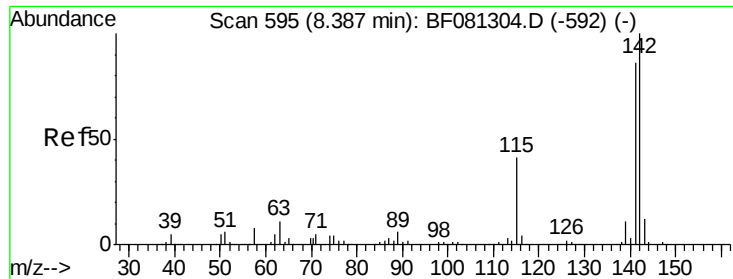
MMDadoda
 9/8/2015 1:56:40 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.13 ng
 RT: 8.25 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

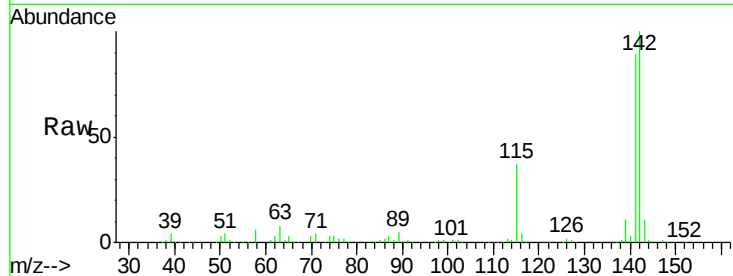
Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	25.4	38.0#
142	72.6	77.3	115.9#





#37
 2-Methylnaphthalene
 Concen: 37.71 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

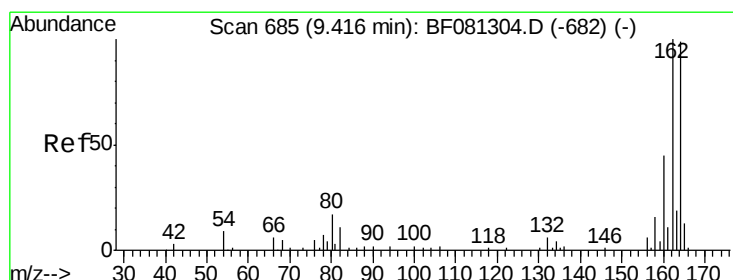
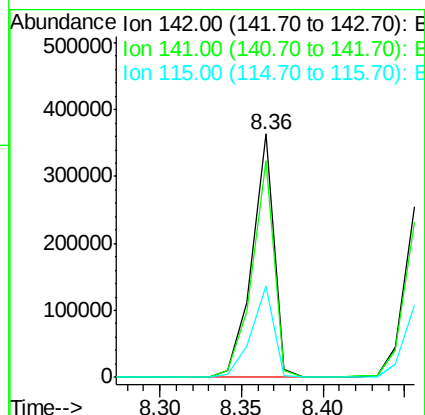
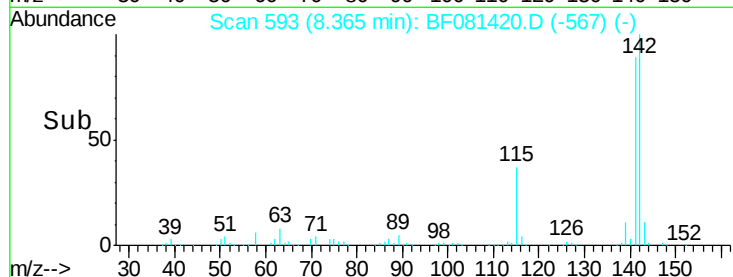
Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS



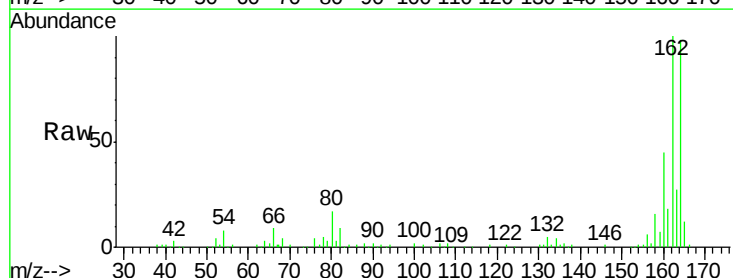
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.5	101.3
115	37.3	18.2	27.2

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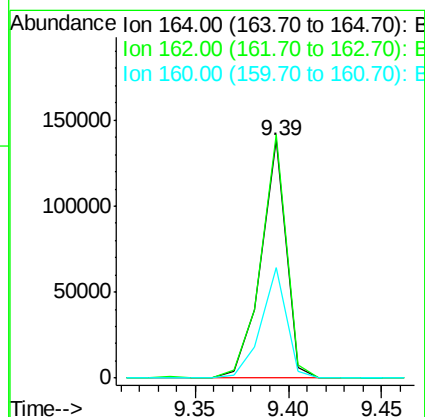
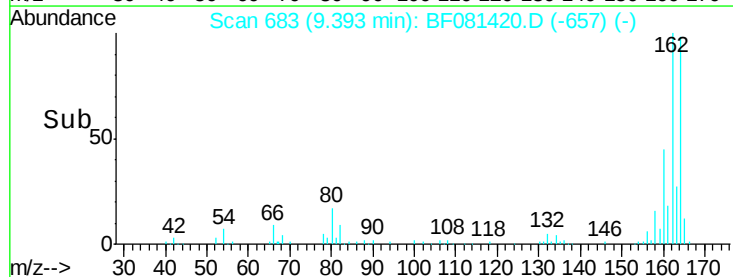
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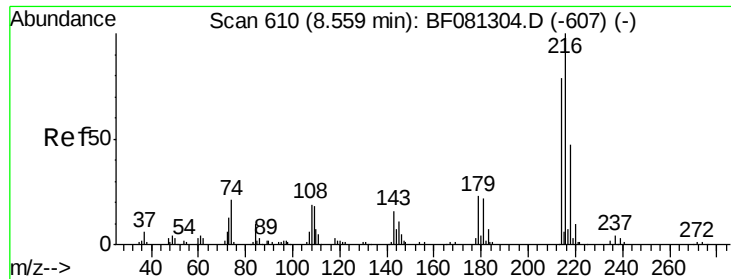


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41



Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	75.2	112.8
160	46.2	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.14 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081420.D

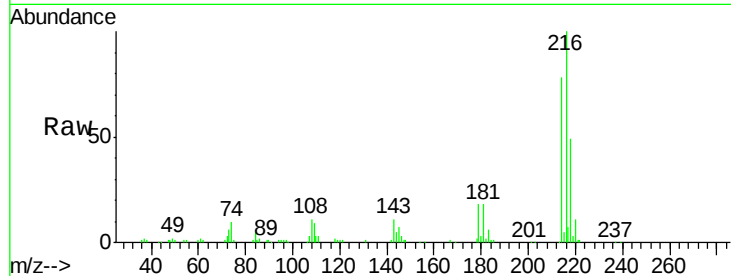
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Instrument :

BNA_F

ClientSampleId :

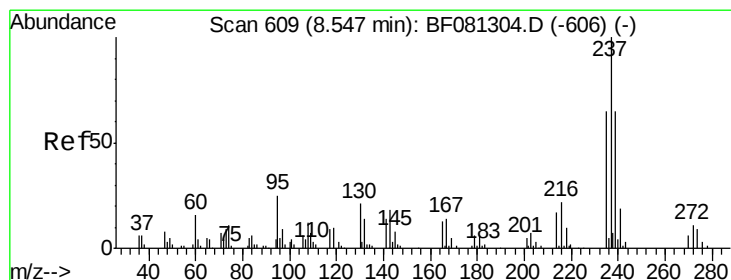
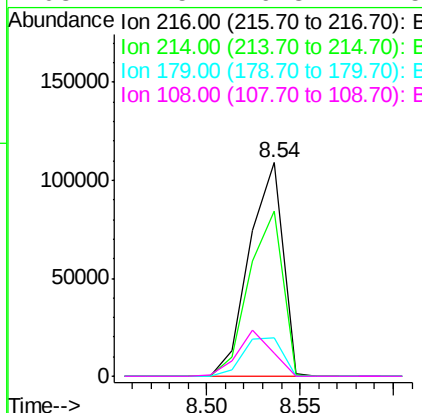
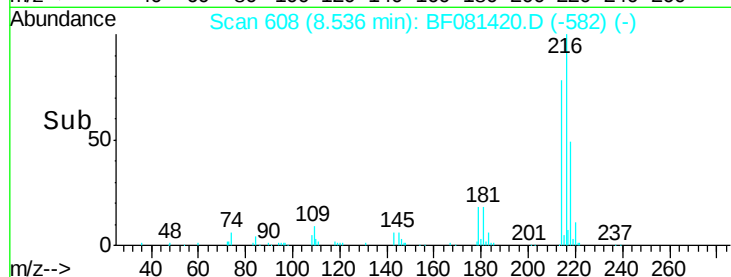
PB85372BS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	135549		
214	77.8	63.5	95.3	
179	21.3	16.6	24.8	
108	22.5	16.3	24.5	

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#40

Hexachlorocyclopentadiene

Concen: 64.64 ng

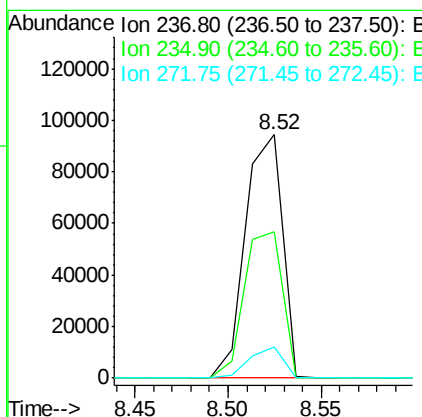
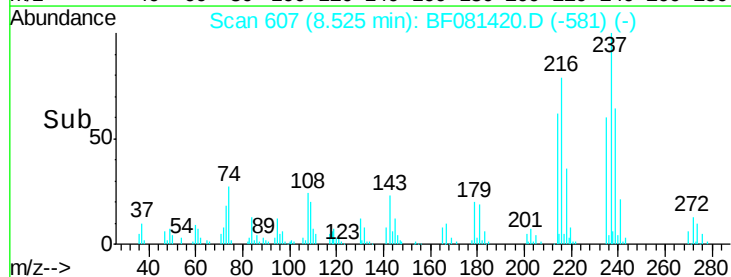
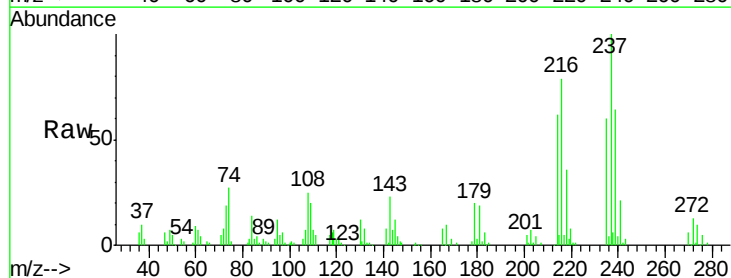
RT: 8.52 min Scan# 607

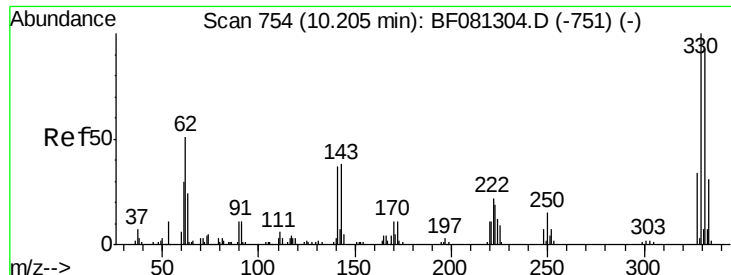
Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

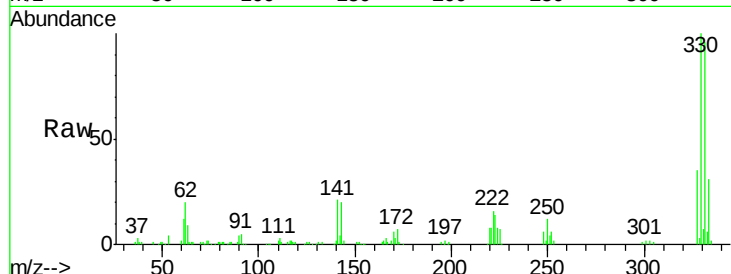
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	129748		
235	59.9	42.0	82.0	
272	12.6	0.0	36.1	





#41
 2,4,6-Tribromophenol
 Concen: 113.01 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

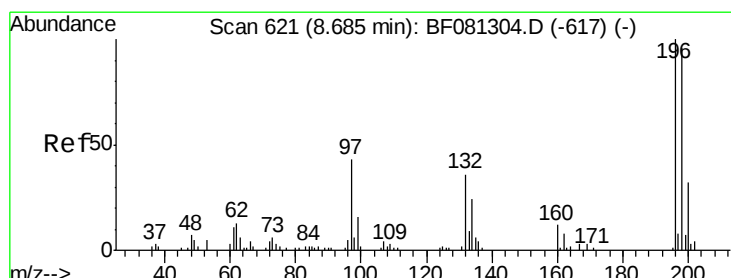
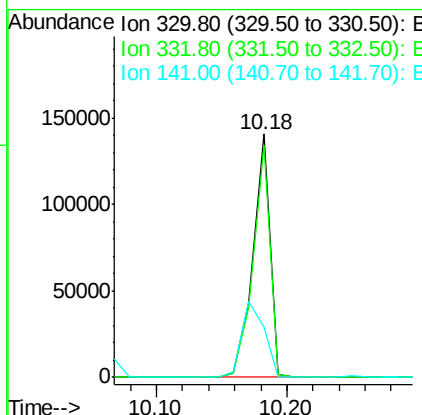
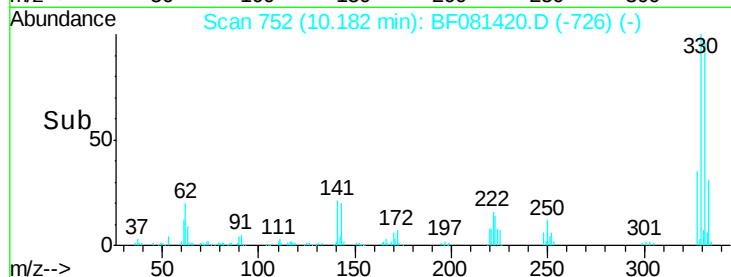
Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	130143		
332	95.1	76.6	114.8	
141	40.3	29.7	44.5	

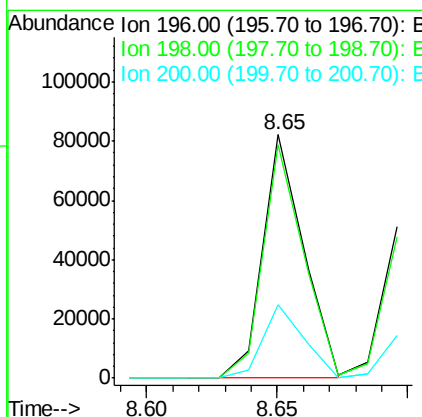
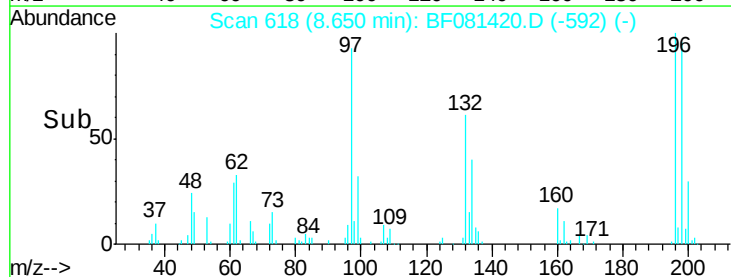
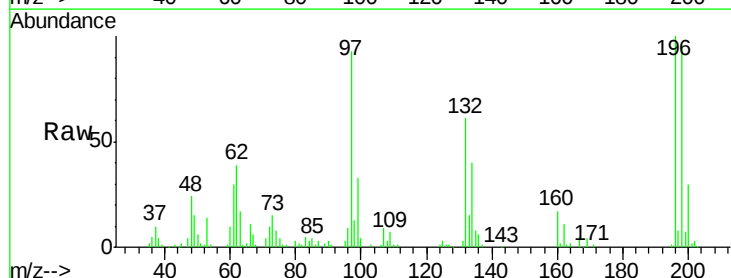
Manual Integrations
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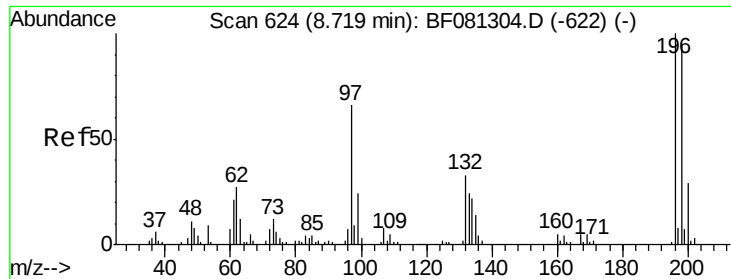
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#42
 2,4,6-Trichlorophenol
 Concen: 31.19 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

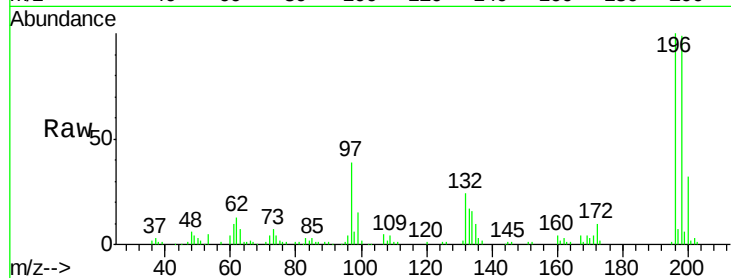
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88041		
198	96.0	75.7	113.5	
200	29.9	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 33.33 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

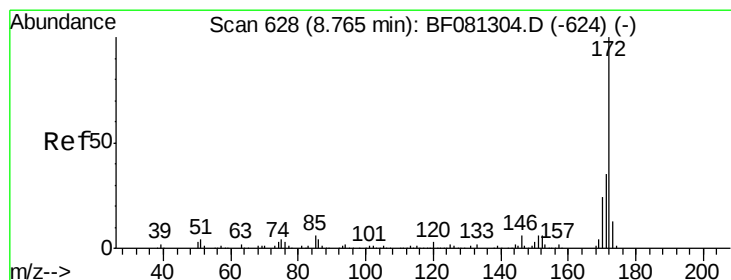
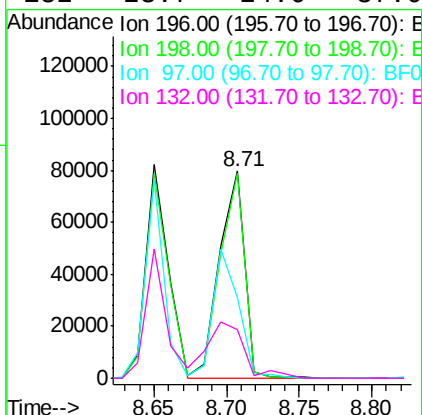
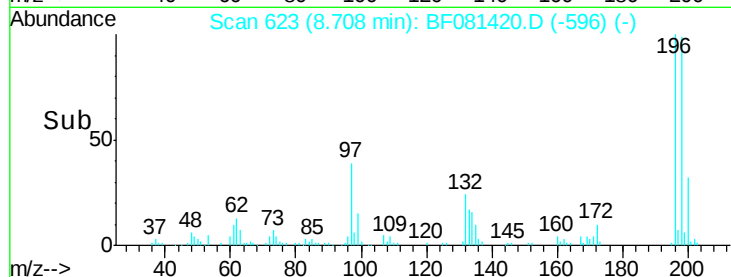
Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95984		
198	99.3	75.4	113.0	
97	38.7	33.3	49.9	
132	23.7	24.6	37.0	

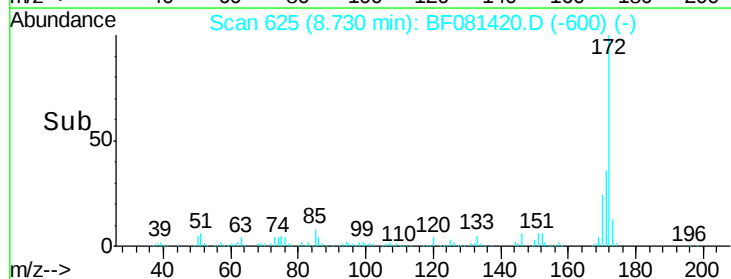
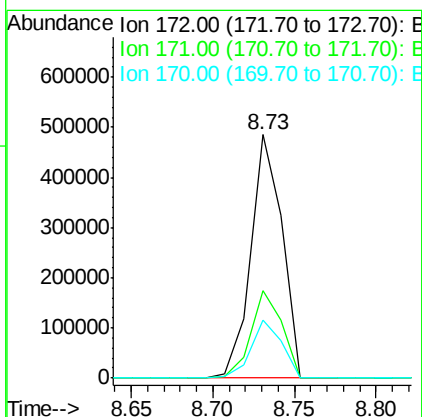
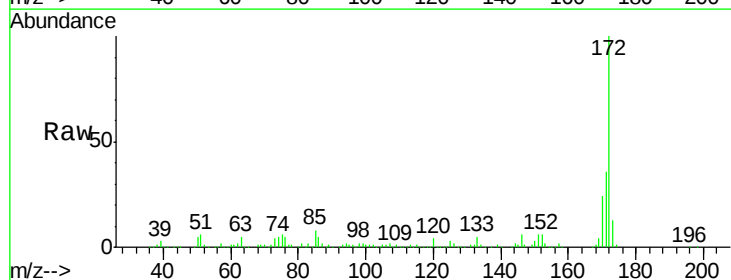
Manual Integrations
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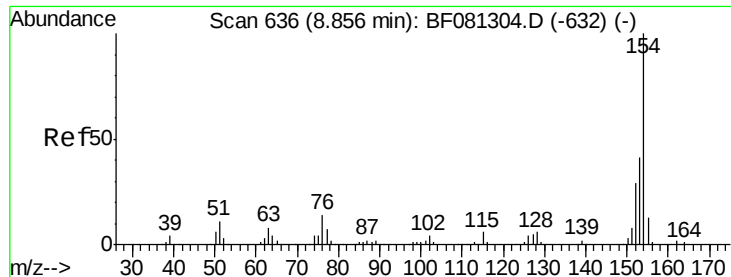
MMDadoda
 9/8/2015 1:56:40 PM



#44
 2-Fluorobiphenyl
 Concen: 63.69 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	642801		
171	36.1	26.1	39.1	
170	24.0	17.4	26.2	





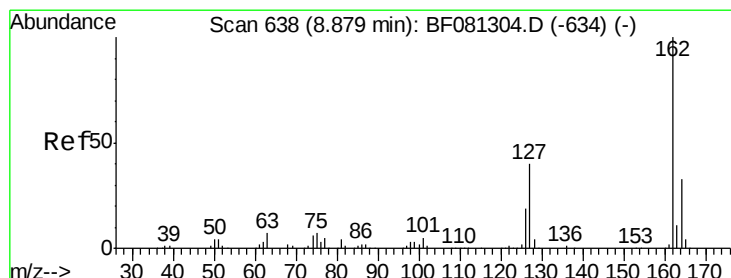
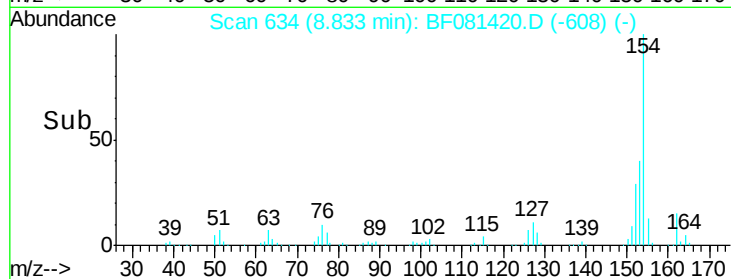
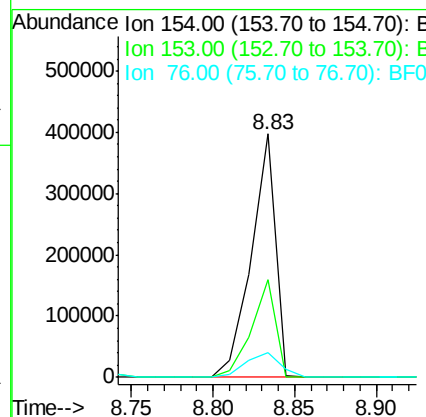
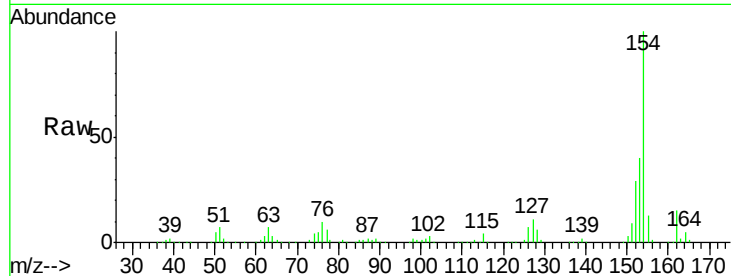
#45
 1,1'-Biphenyl
 Concen: 34.38 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	409098		
153	40.0	17.1	57.1	
76	10.0	0.0	31.6	

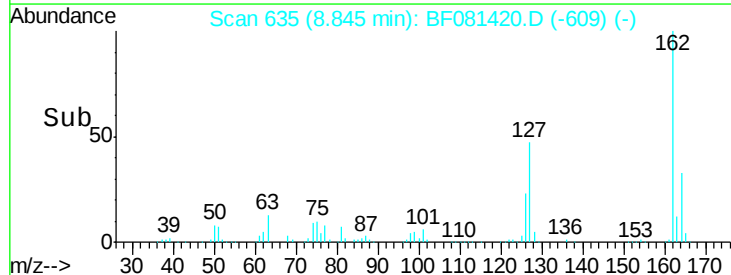
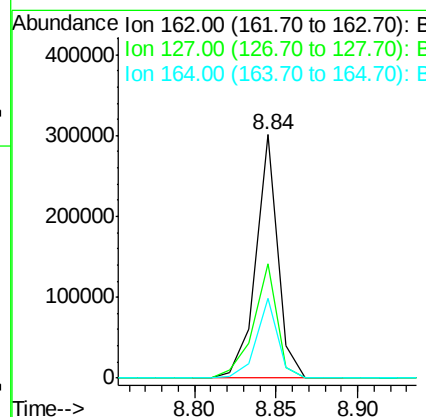
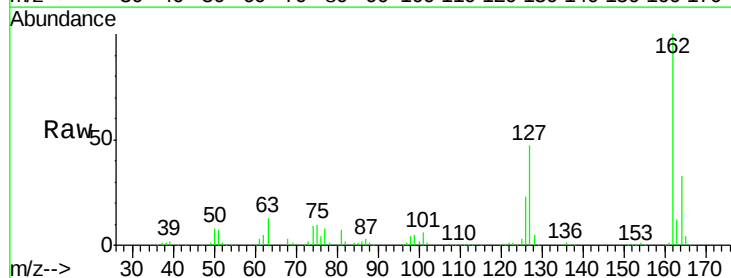
Manual Integrations
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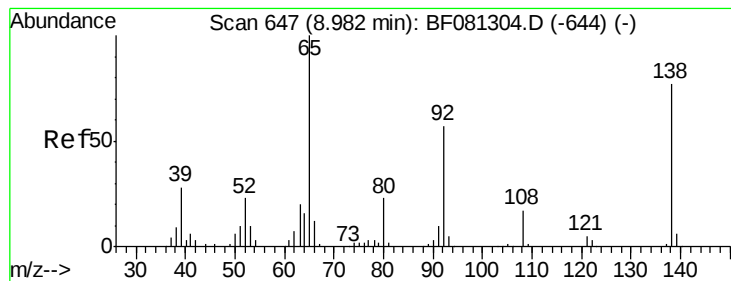
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#46
 2-Chloronaphthalene
 Concen: 32.66 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	280636		
127	47.1	27.6	41.4#	
164	32.6	25.4	38.2	





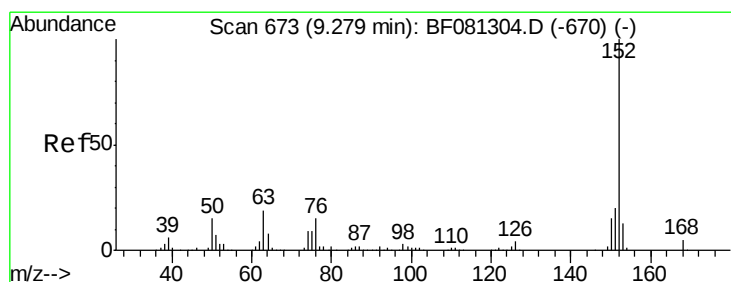
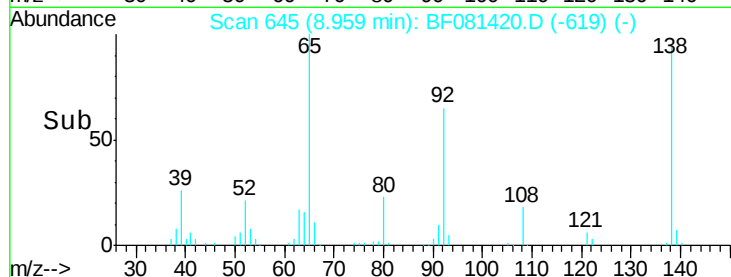
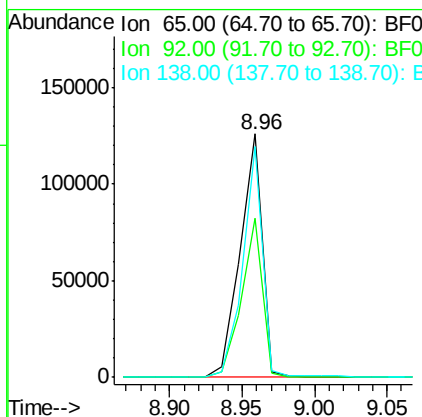
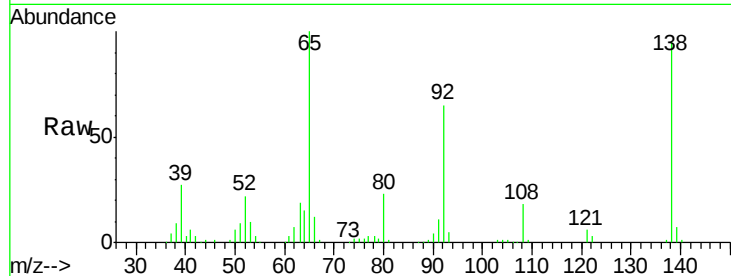
#47
2-Nitroaniline
Concen: 37.94 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :
PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	132871		
92	65.2	55.4	83.0	
138	94.7	115.5	173.3	

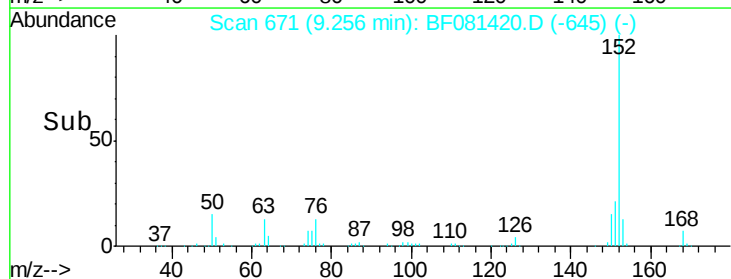
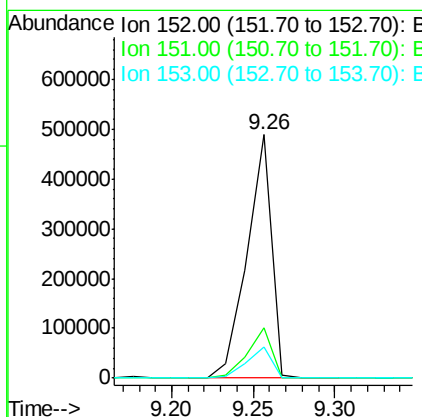
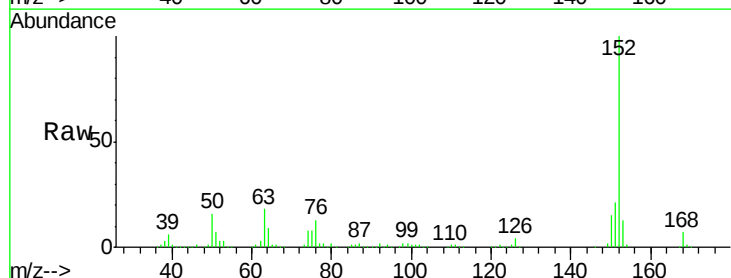
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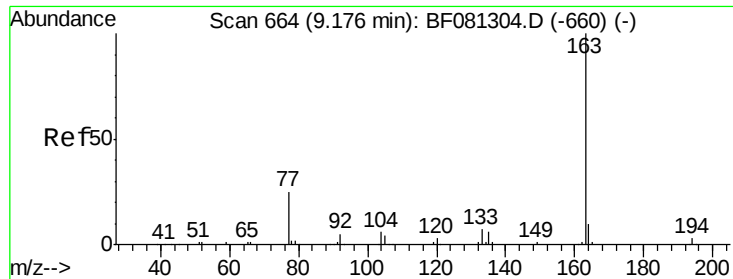
MMDadoda
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#48
Acenaphthylene
Concen: 33.43 ng
RT: 9.26 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	509562		
151	20.6	14.6	22.0	
153	12.9	10.3	15.5	





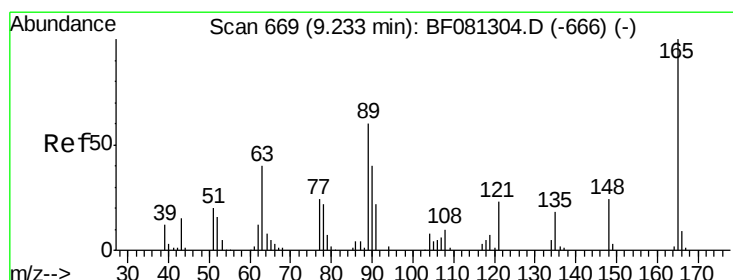
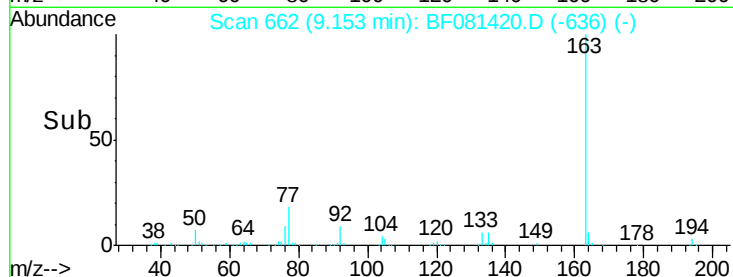
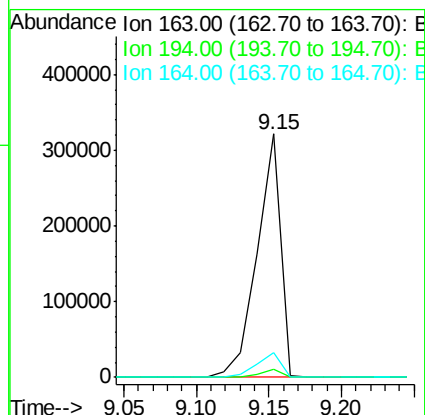
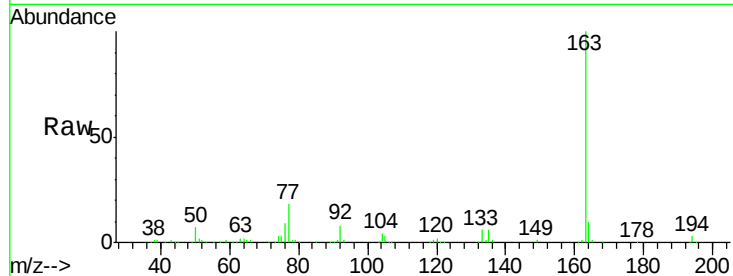
#49
Dimethylphthalate
Concen: 36.15 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :
PB85372BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	4.4	6.6#
164	9.9	8.3	12.5

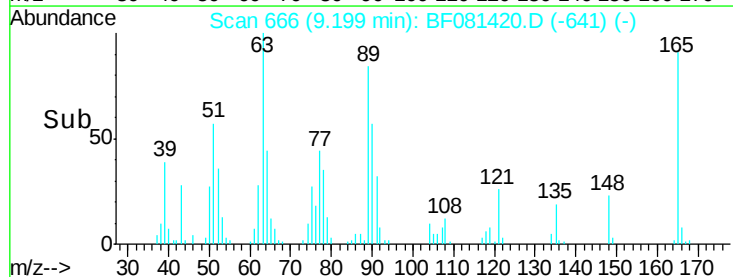
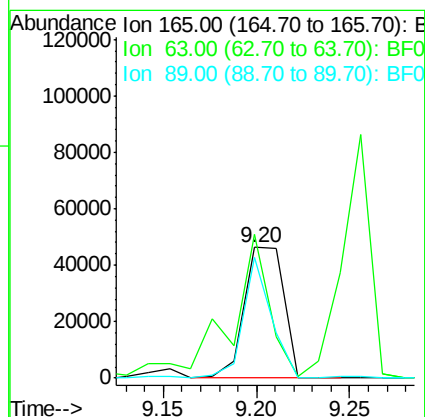
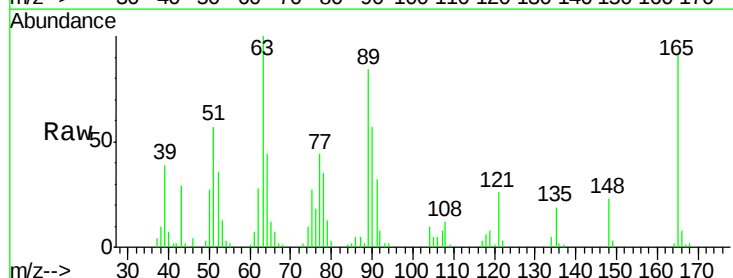
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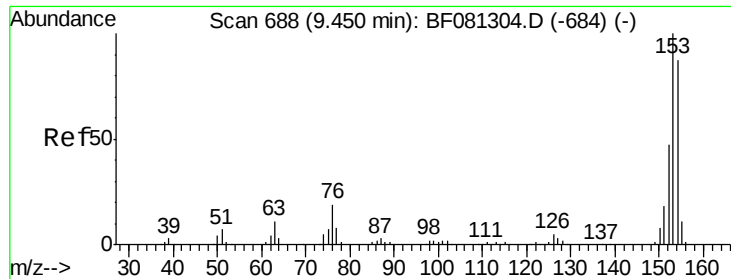
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#50
2,6-Dinitrotoluene
Concen: 29.88 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	109.9	32.3	48.5#
89	92.2	28.6	43.0#





#51

Acenaphthene

Concen: 35.32 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081420.D

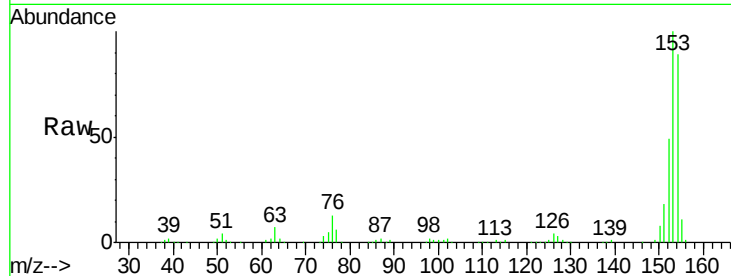
Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

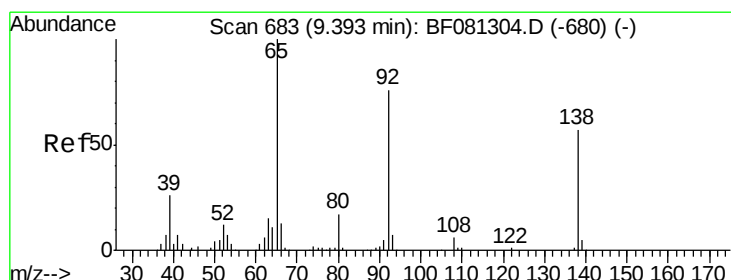
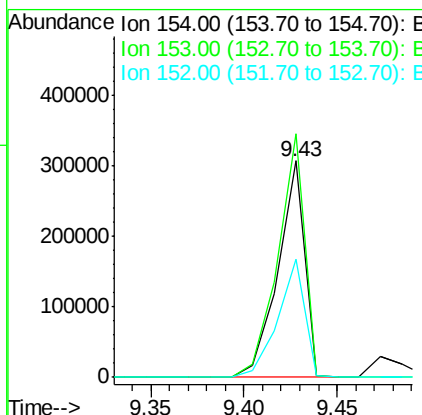
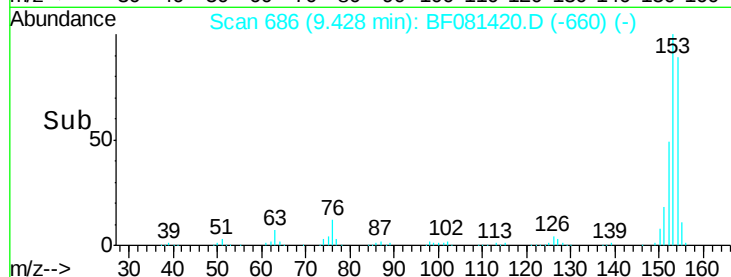
PB85372BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.5	82.1	123.1	
152	54.9	37.9	56.9	

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#52

3-Nitroaniline

Concen: 23.83 ng

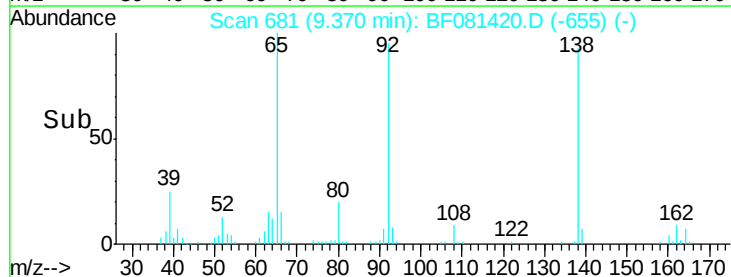
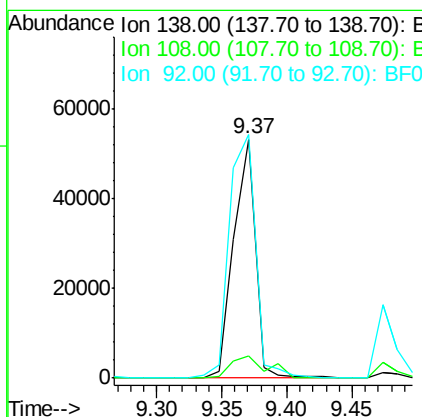
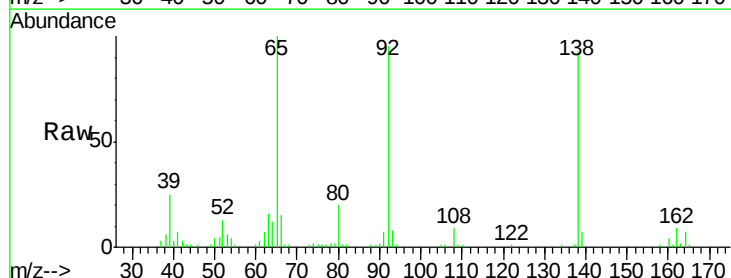
RT: 9.37 min Scan# 681

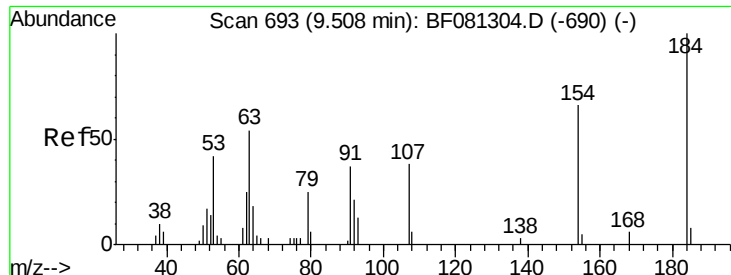
Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.2	5.7	8.5#	
92	102.1	67.7	101.5#	





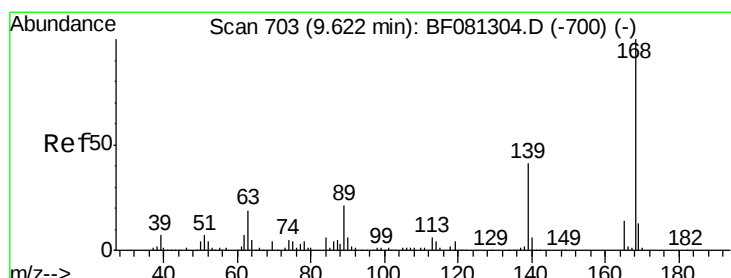
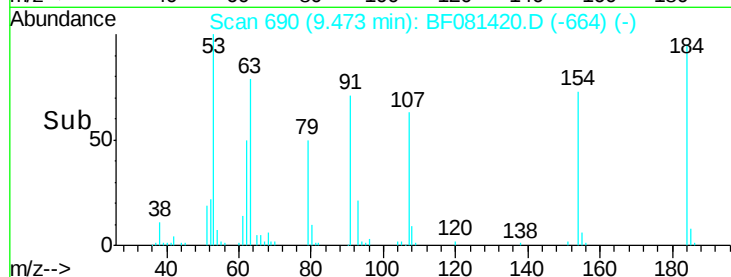
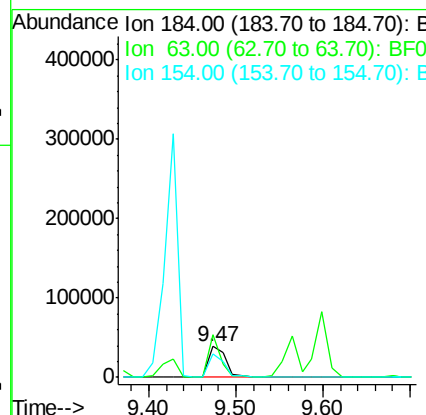
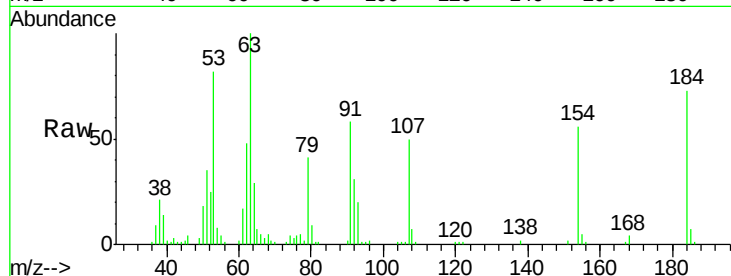
#53
2,4-Dinitrophenol
Concen: 58.82 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :
PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	56504		
63	136.4	35.4	53.2#	
154	76.9	32.2	48.4#	

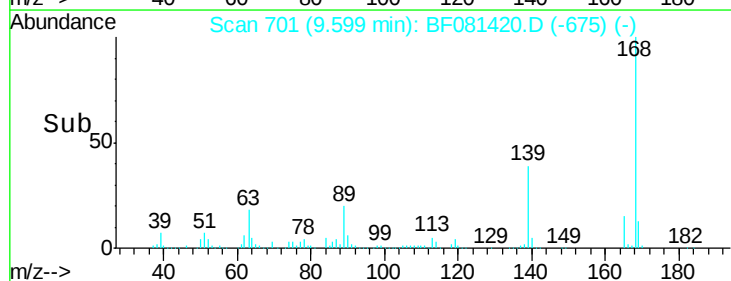
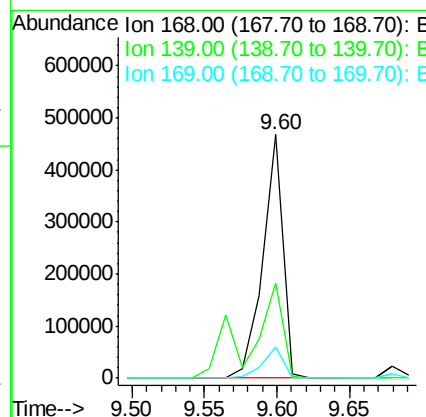
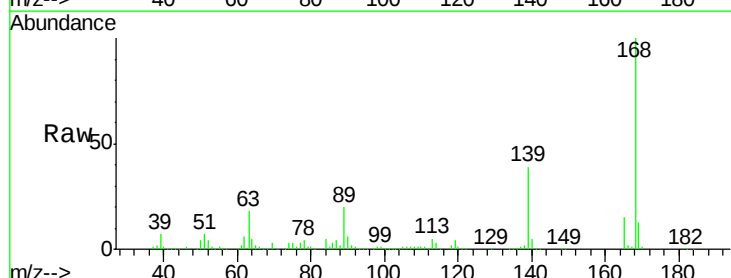
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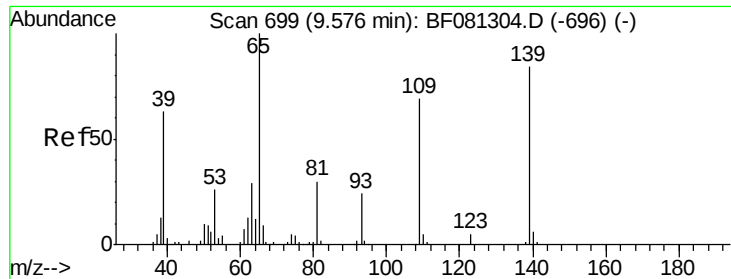
MMDadoda
9/8/2015 1:56:40 PM



#54
Dibenzofuran
Concen: 35.41 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	448332		
139	39.0	24.2	36.2#	
169	13.0	10.6	15.8	





#55

4-Nitrophenol

Concen: 67.15 ng m

RT: 9.56 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

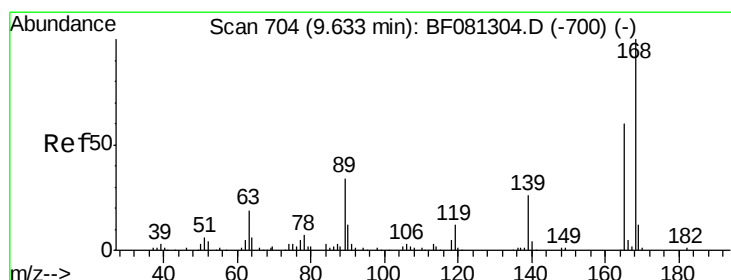
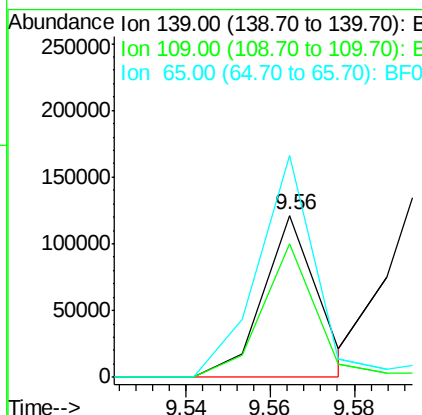
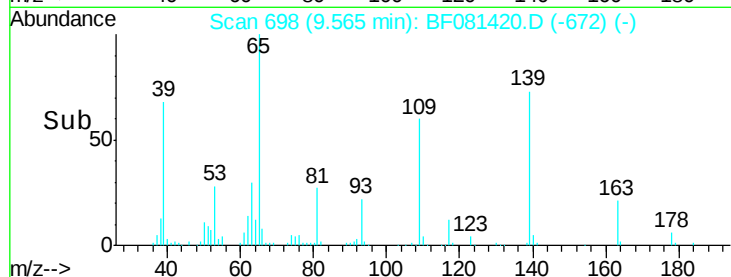
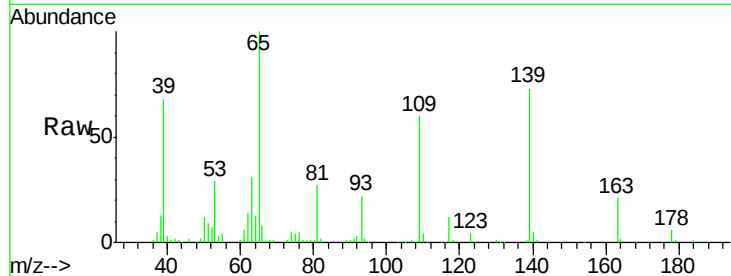
PB85372BS

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	82.7	12.7	52.7#	
65	137.2	45.9	85.9#	



#56

2,4-Dinitrotoluene

Concen: 30.37 ng

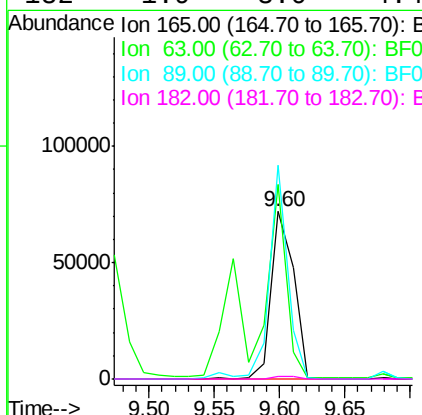
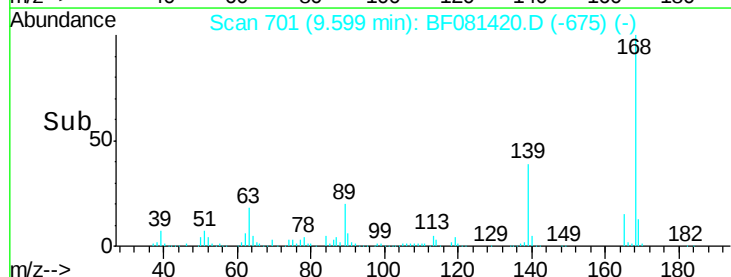
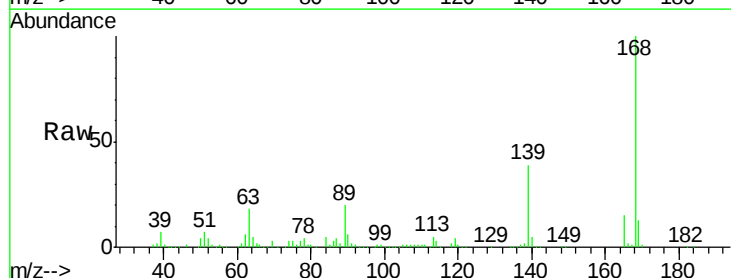
RT: 9.60 min Scan# 701

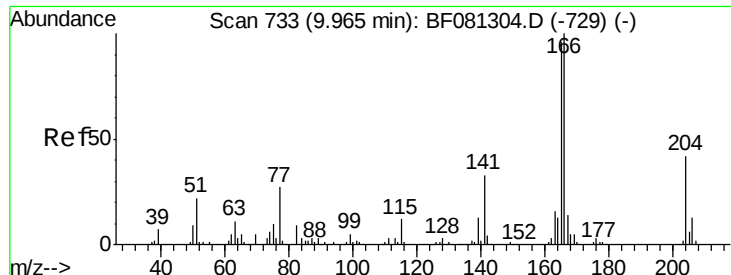
Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	115.7	29.8	44.6#	
89	127.5	44.5	66.7#	
182	1.9	3.0	4.4#	





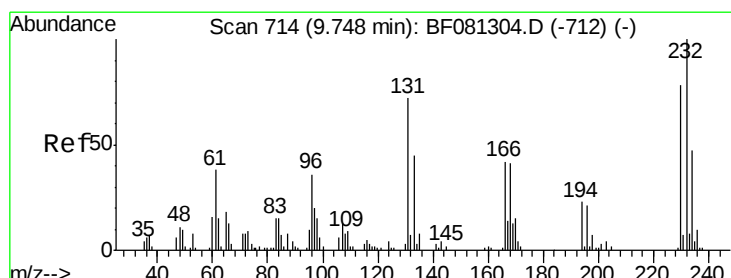
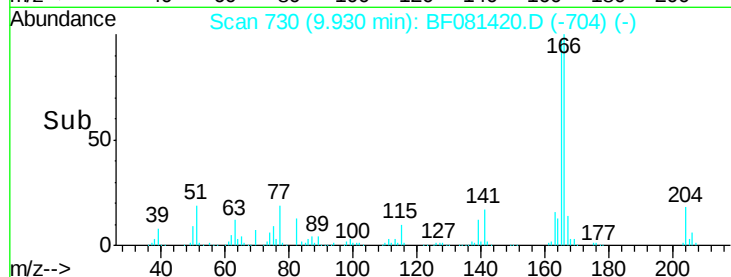
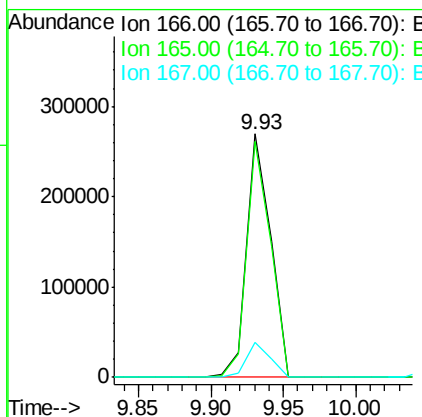
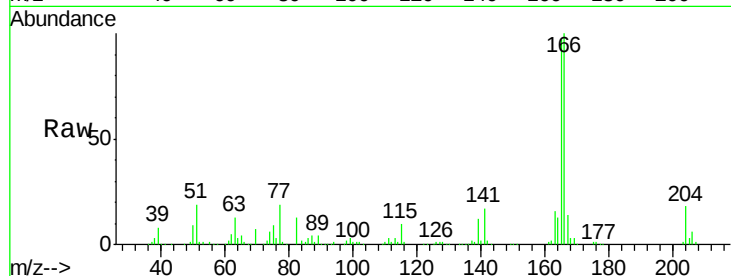
#57
 Fluorene
 Concen: 32.21 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	309540		
165	97.0	72.6	109.0	
167	14.4	10.6	16.0	

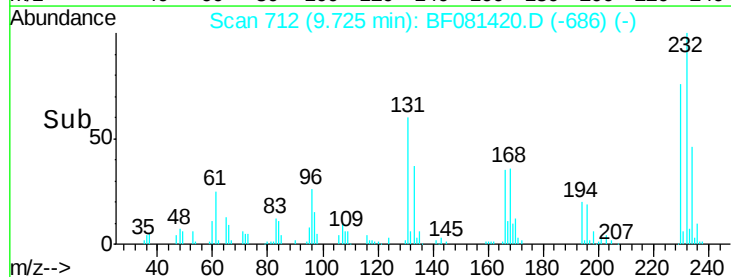
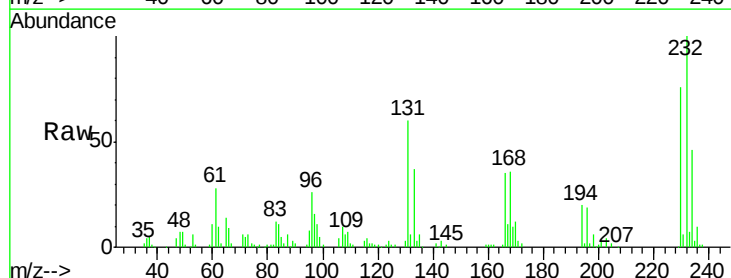
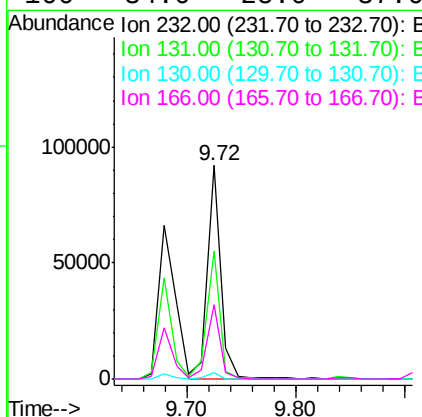
Manual Integrations
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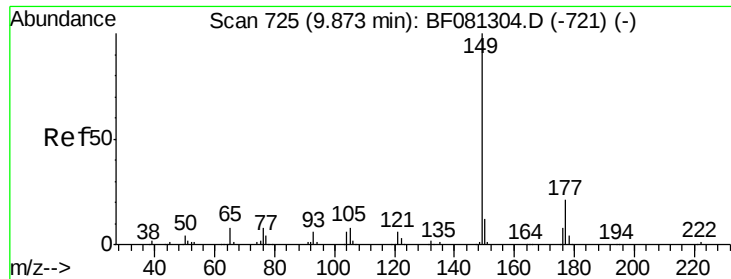
MMDadoda
 9/8/2015 1:56:40 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.08 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	79335		
131	58.0	38.5	57.7#	
130	2.6	1.8	2.6	
166	34.0	25.0	37.6	





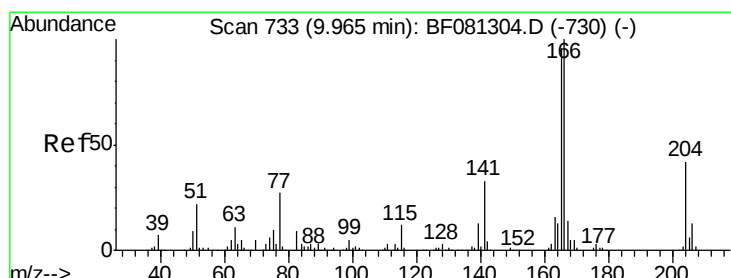
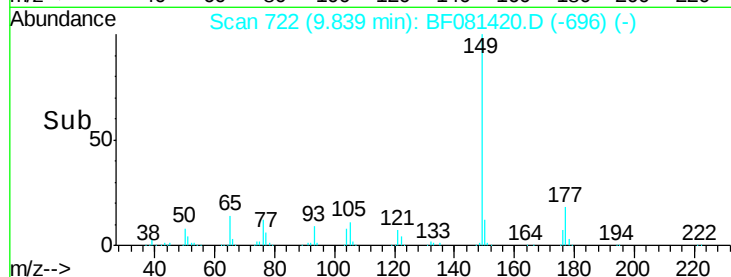
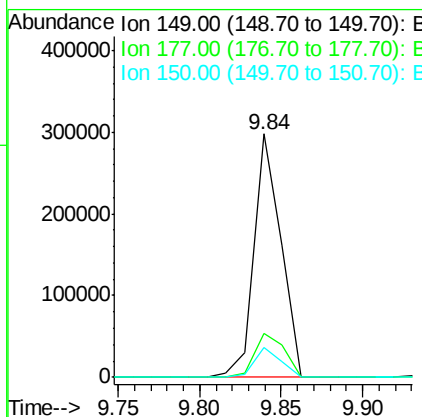
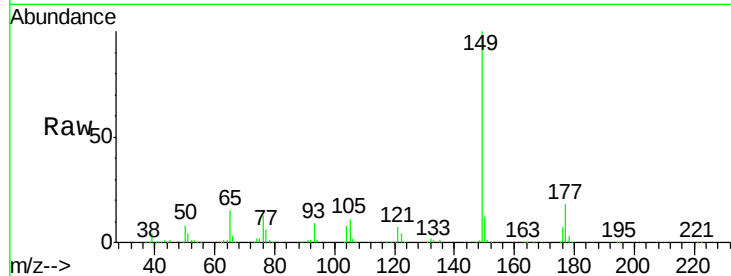
#59
Diethylphthalate
Concen: 32.21 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :
PB85372BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	18.2	17.5	26.3
150	12.5	9.4	14.2

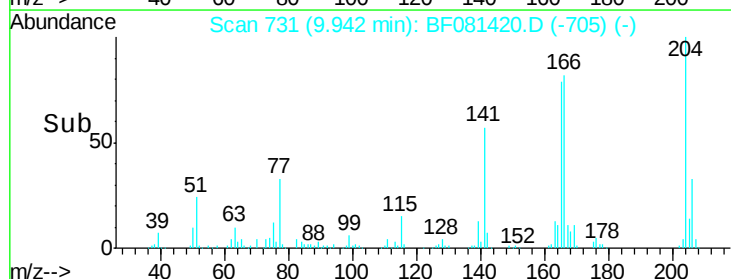
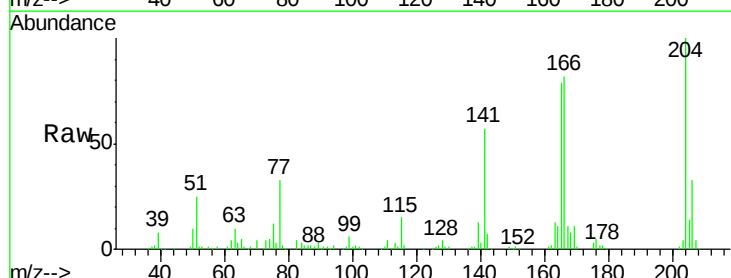
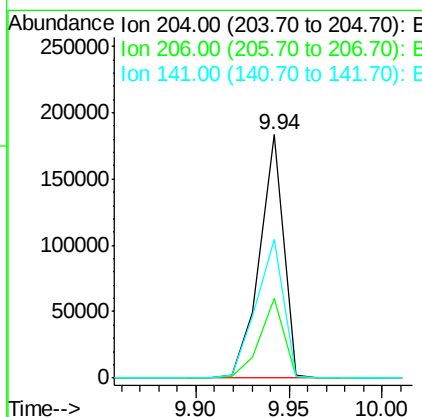
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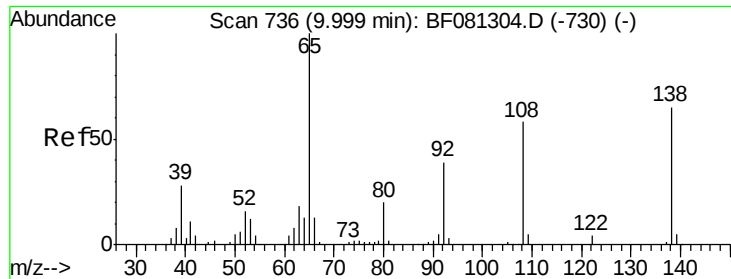
MMDadoda
9/8/2015 1:56:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.54 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

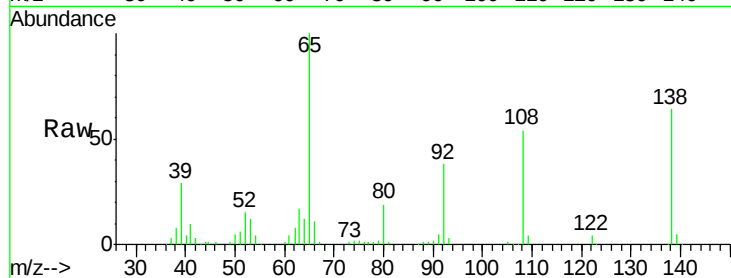
Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.6	24.8	37.2
141	56.7	42.2	63.4





#61
4-Nitroaniline
Concen: 28.93 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

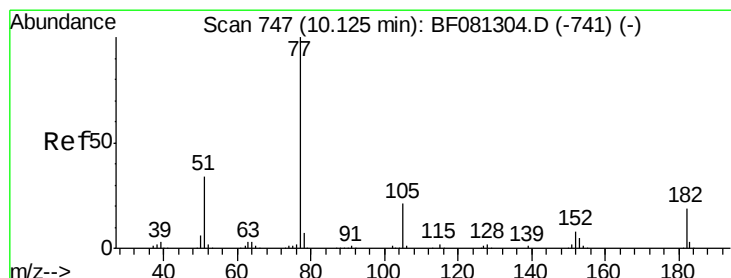
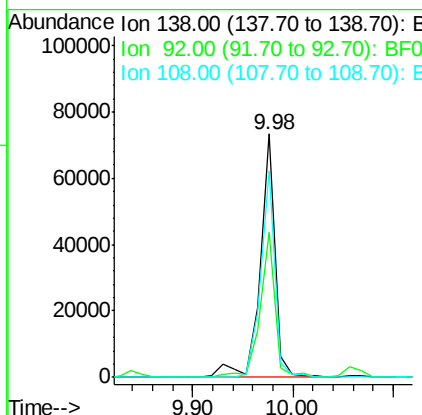
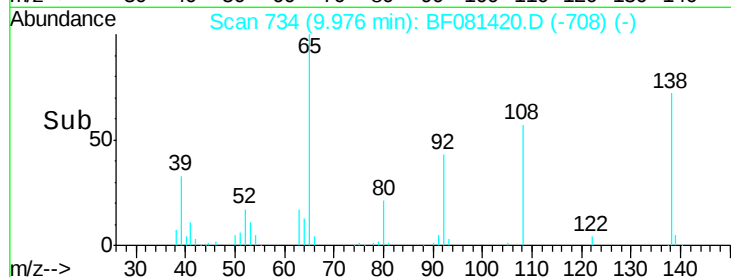
Instrument :
BNA_F
ClientSampleId :
PB85372BS



Tgt Ion:138 Resp: 75891
Ion Ratio Lower Upper
138 100
92 59.5 12.6 52.6#
108 85.0 12.4 52.4#

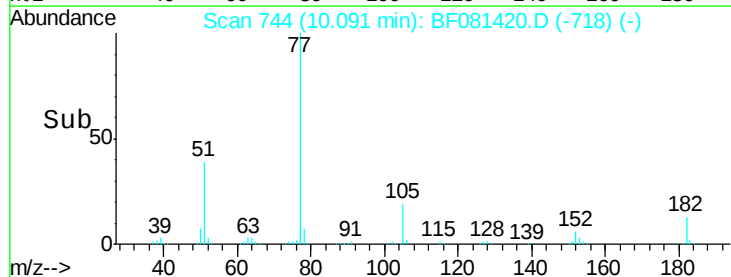
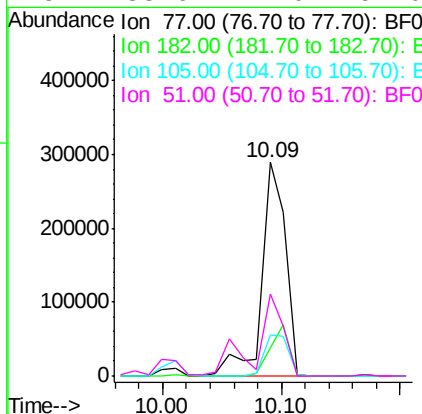
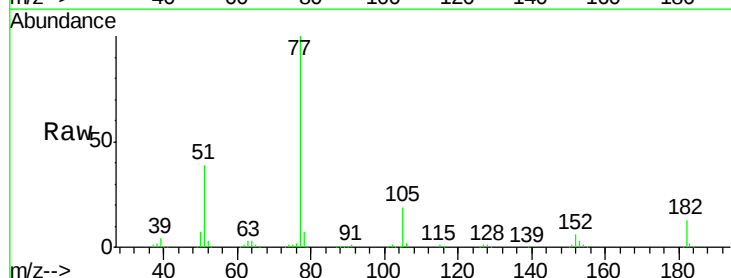
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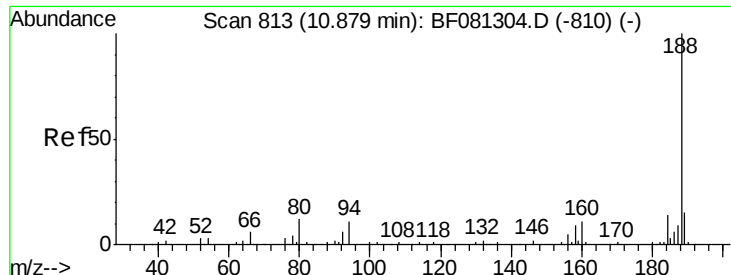
MMDadoda
9/8/2015 1:56:40 PM



#62
Azobenzene
Concen: 34.50 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion: 77 Resp: 405427
Ion Ratio Lower Upper
77 100
182 13.1 15.1 55.1#
105 19.3 3.4 43.4
51 38.6 12.0 52.0





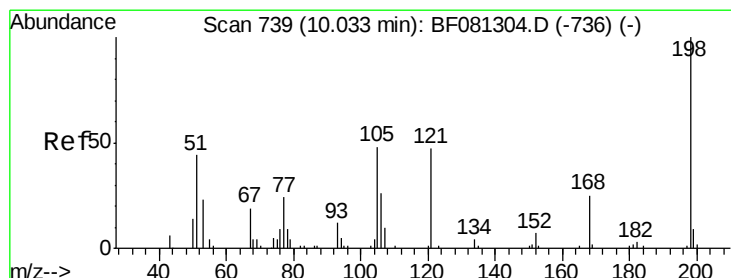
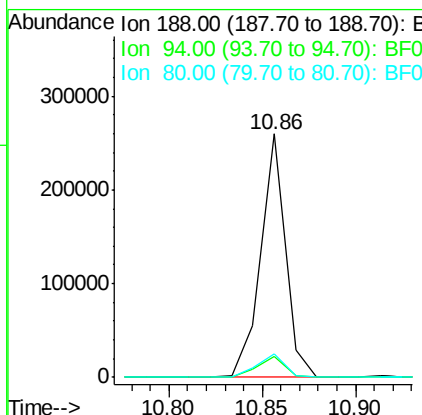
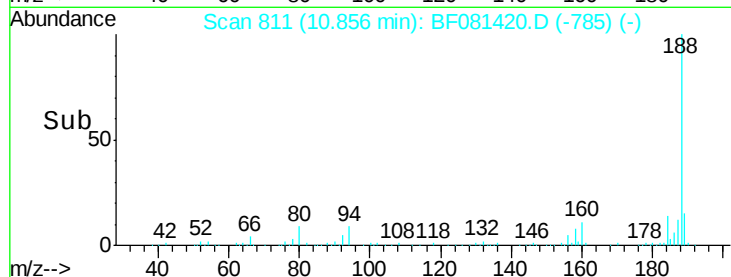
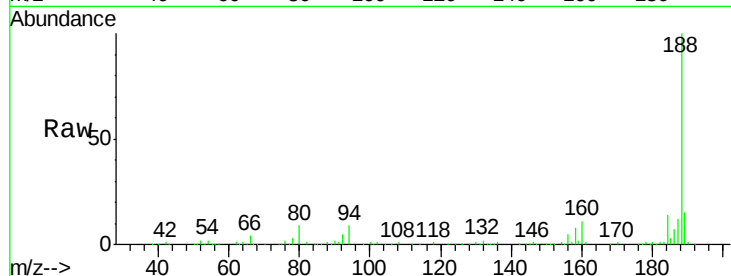
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	11.1	16.7#
80	9.4	11.0	16.4#

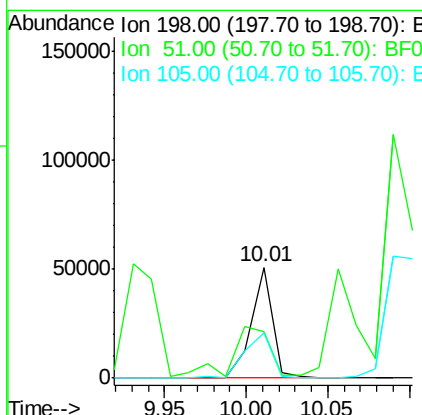
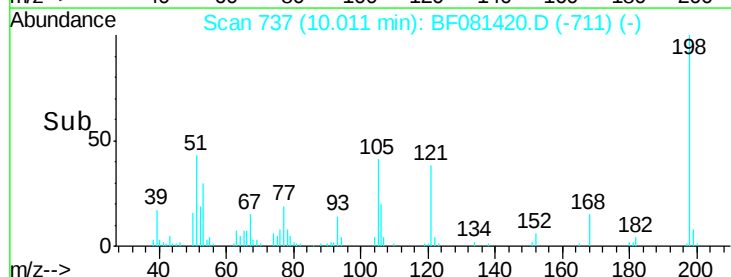
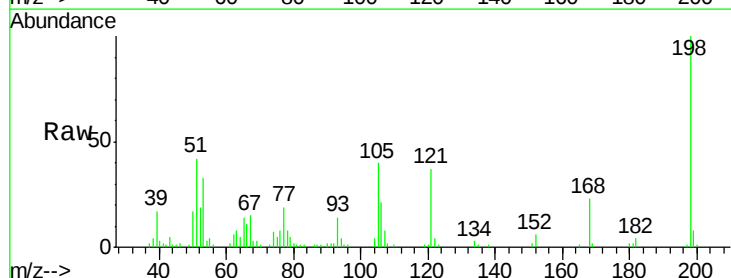
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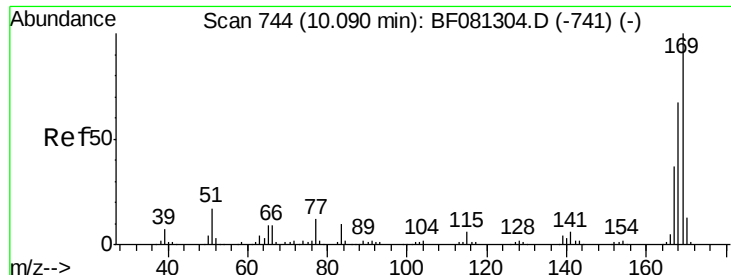
MMDadoda
 9/8/2015 1:56:40 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.42 ng
 RT: 10.01 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	42.0	39.6	79.6
105	40.4	28.5	68.5





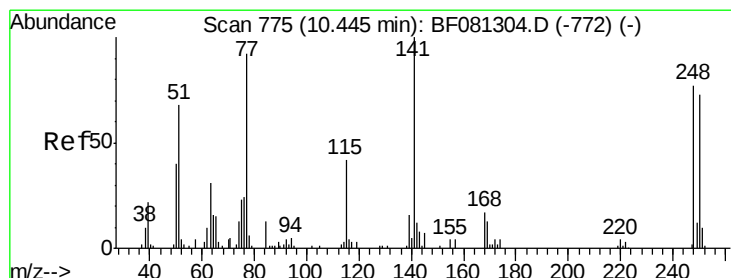
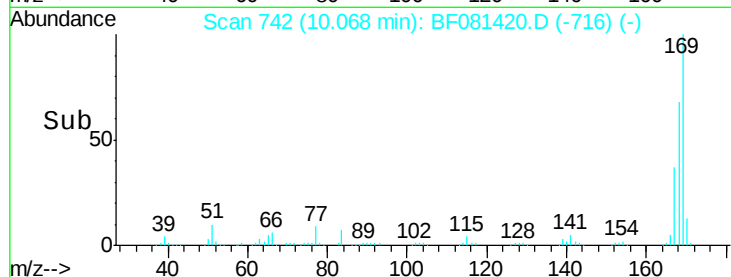
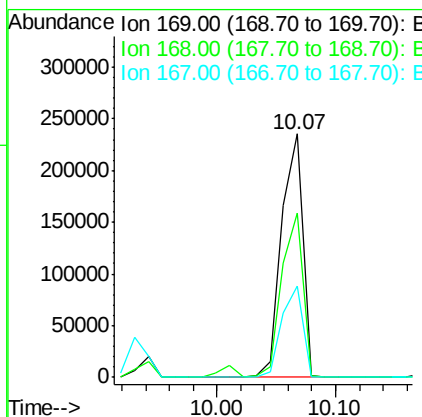
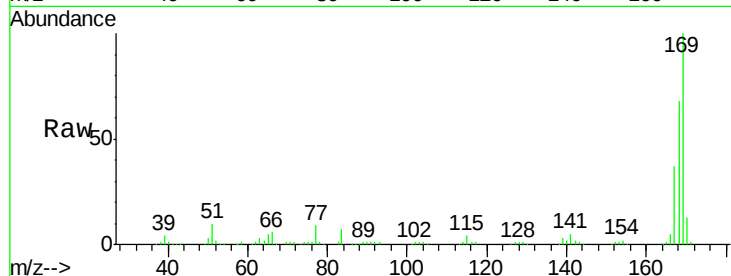
#65
 n-Nitrosodiphenylamine
 Concen: 33.31 ng
 RT: 10.07 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	288941		
168	67.5	48.9	73.3	
167	37.5	26.2	39.4	

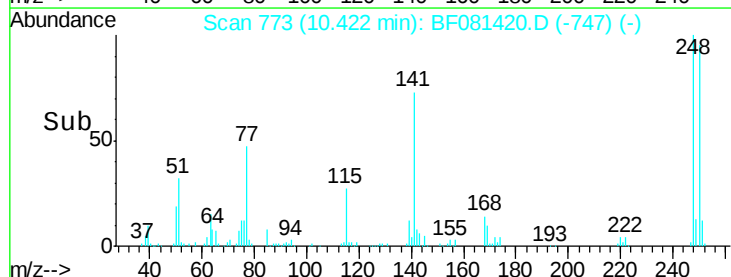
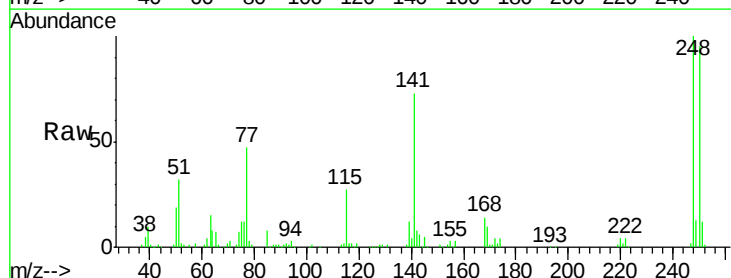
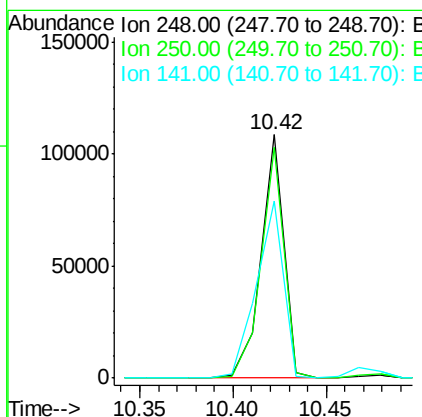
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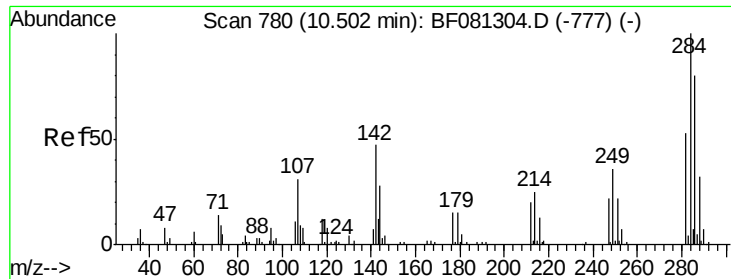
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 9/8/2015 1:56:40 PM



#66
 4-Bromophenyl-phenylether
 Concen: 37.74 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	90972		
250	95.0	78.5	117.7	
141	72.6	59.0	88.6	





#67

Hexachlorobenzene

Concen: 36.06 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF081420.D

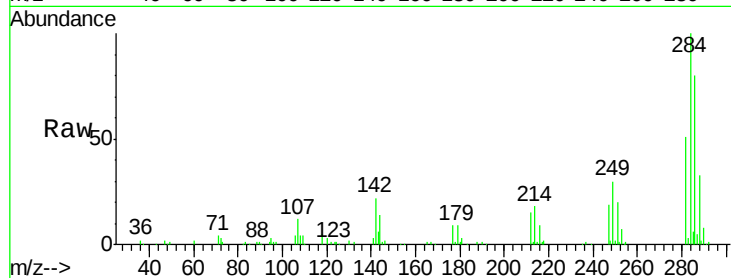
Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

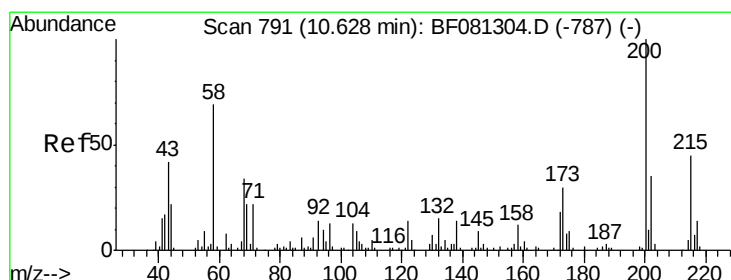
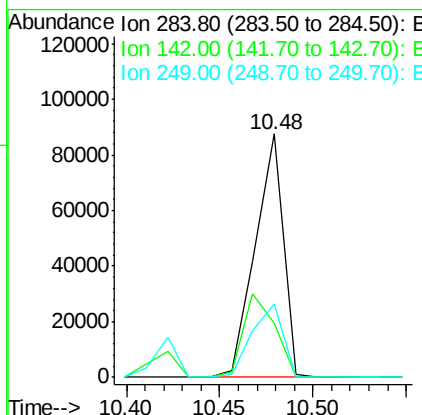
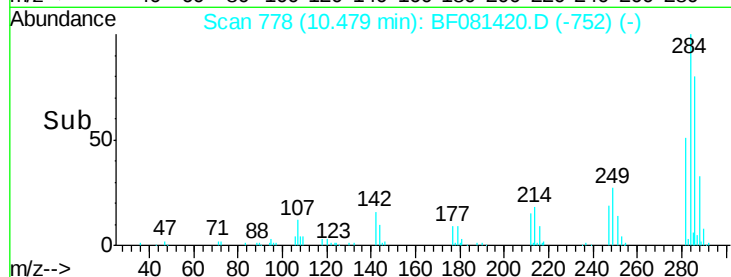
PB85372BS



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	90881		
142	22.2	29.5	44.3#	
249	30.3	19.5	29.3#	

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#68

Atrazine

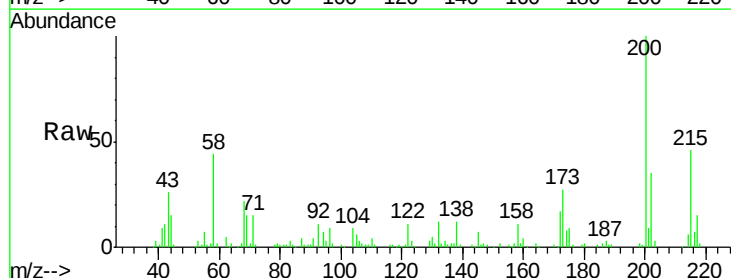
Concen: 38.08 ng

RT: 10.60 min Scan# 789

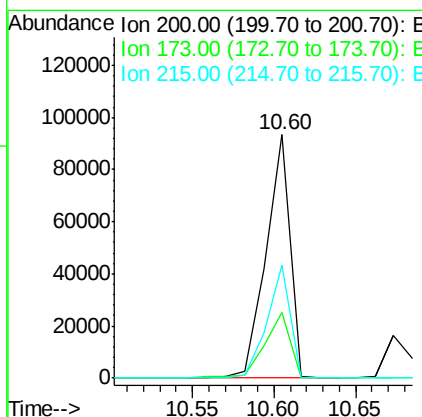
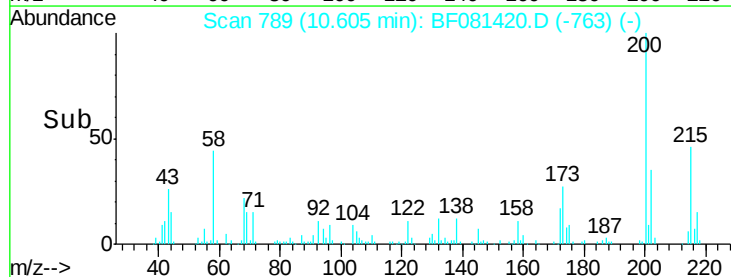
Delta R.T. 0.00 min

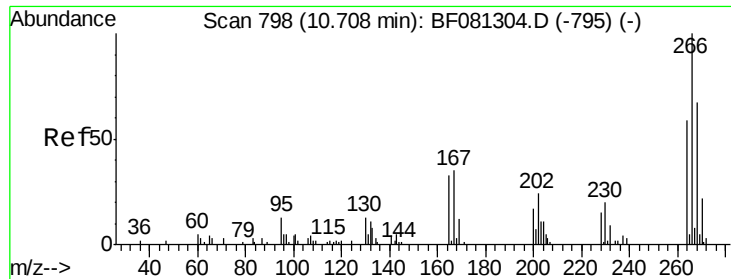
Lab File: BF081420.D

Acq: 4 Sep 2015 15:41



Tgt Ion	Ratio	Resp	Lower	Upper
200	100	95597		
173	27.0	13.2	53.2	
215	46.4	41.8	81.8	





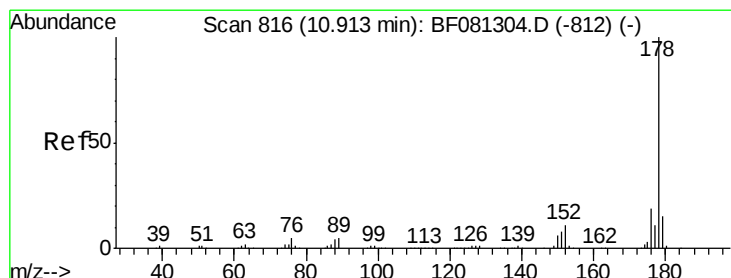
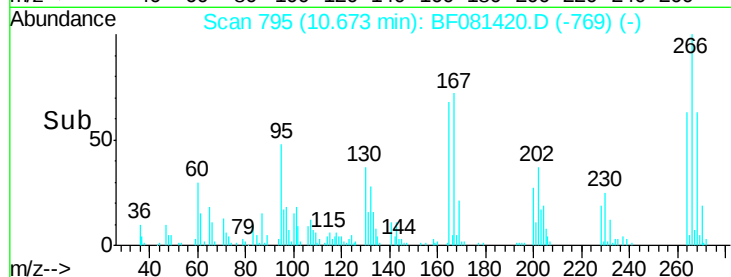
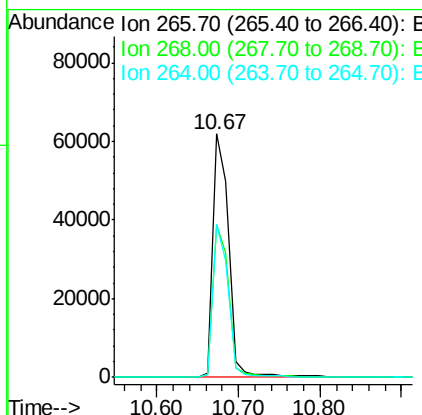
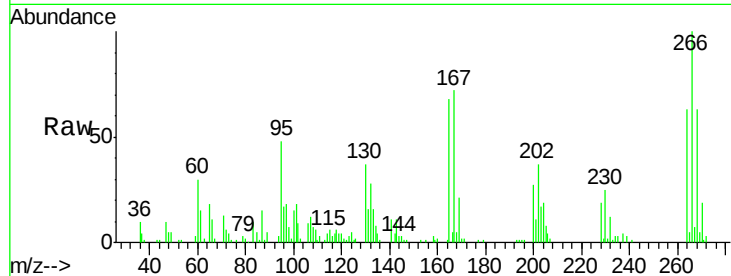
#69
 Pentachlorophenol
 Concen: 69.65 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	83904		
268	62.6	49.8	74.6	
264	62.6	50.2	75.2	

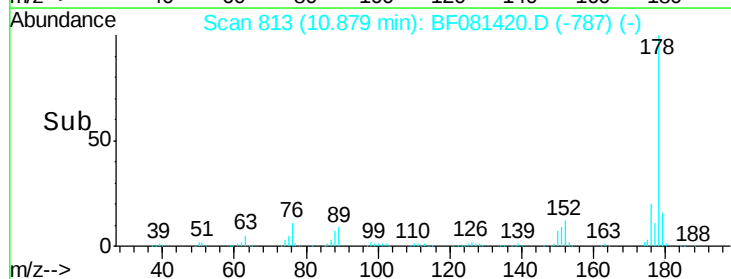
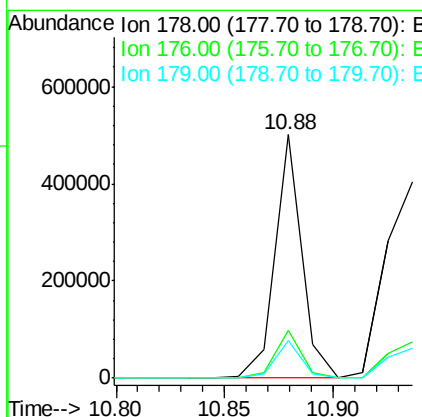
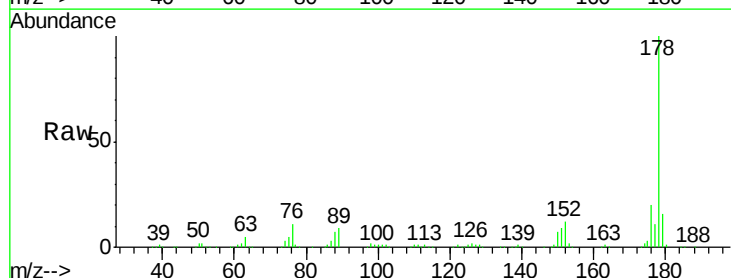
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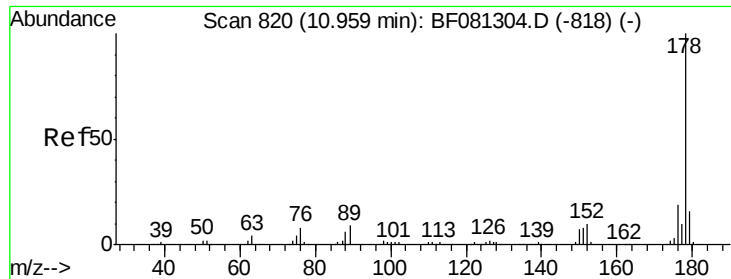
MMDadoda
 9/8/2015 1:56:40 PM



#70
 Phenanthrene
 Concen: 32.79 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	434595		
176	19.8	13.8	20.8	
179	15.6	12.2	18.2	





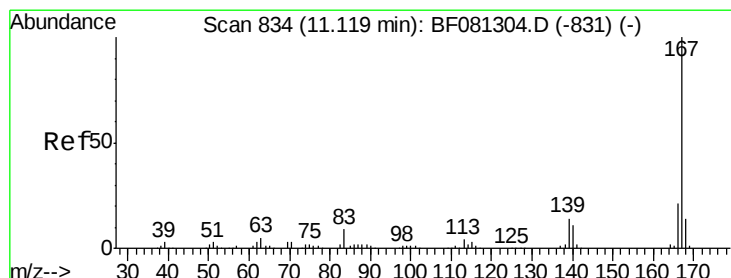
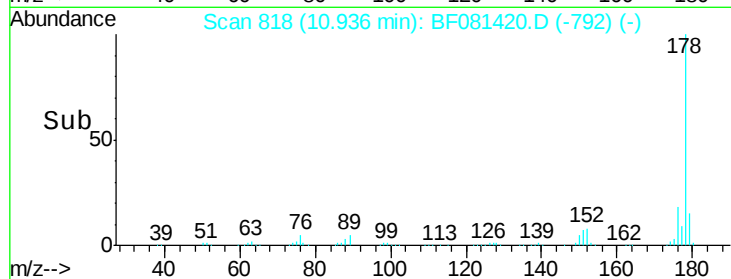
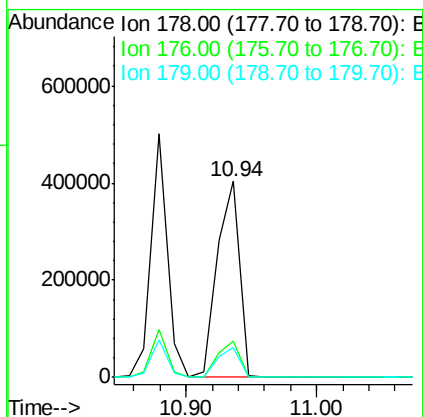
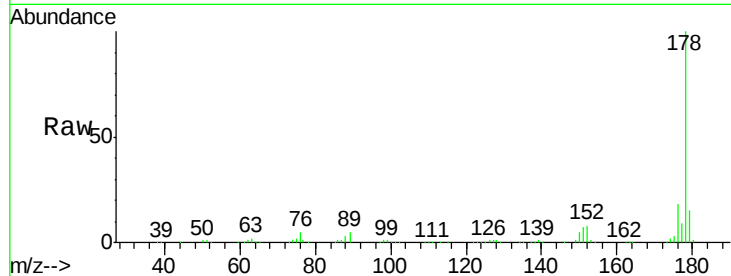
#71
 Anthracene
 Concen: 35.43 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.1	21.1
179	15.0	12.2	18.2

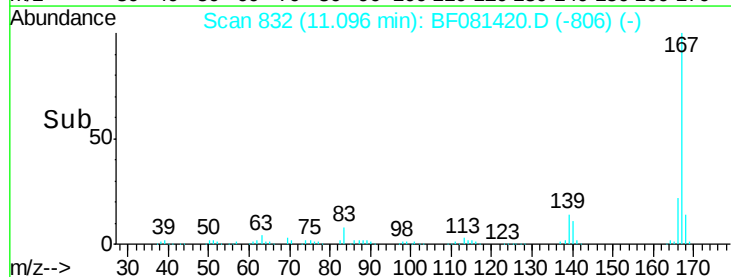
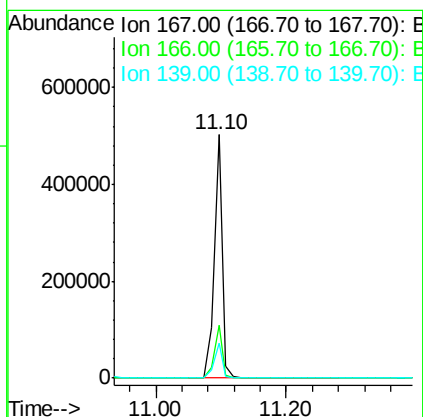
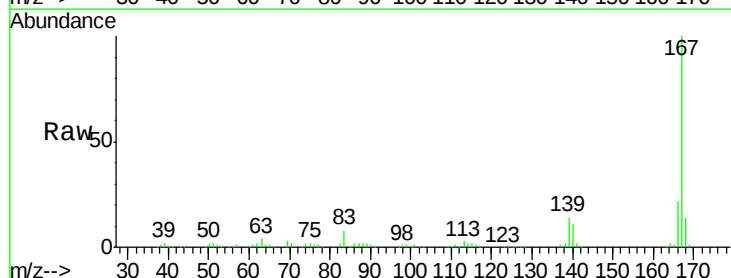
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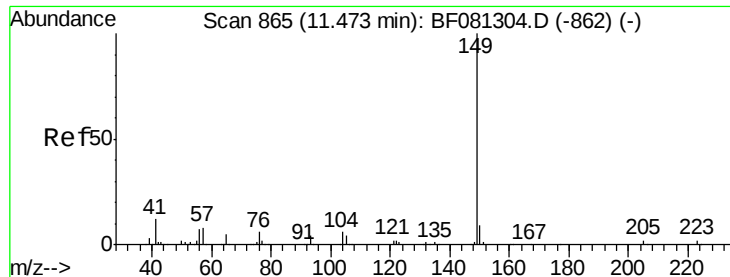
MMDadoda
 9/8/2015 1:56:40 PM



#72
 Carbazole
 Concen: 34.56 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	15.7	23.5
139	14.1	9.5	14.3





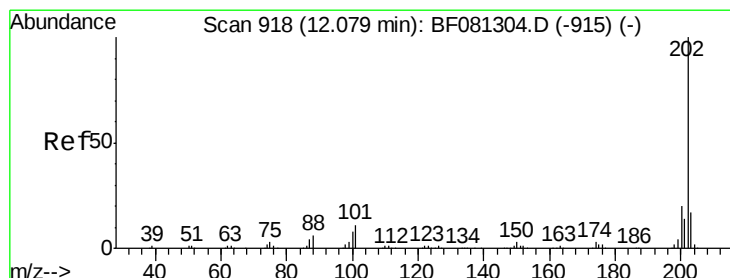
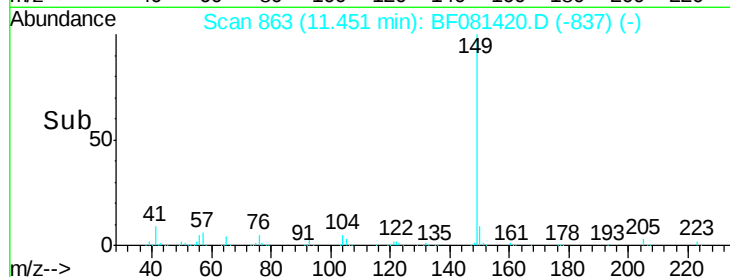
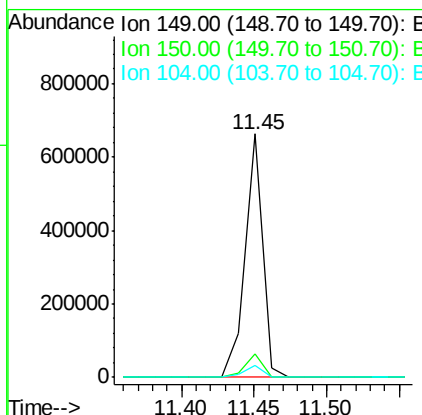
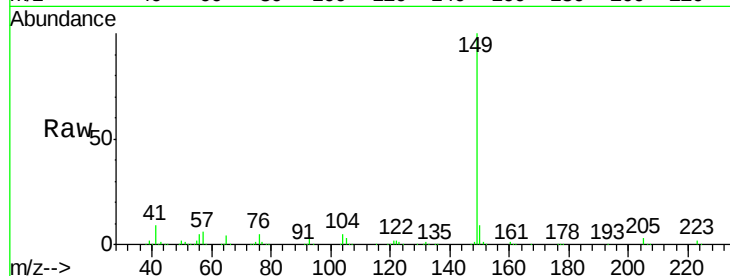
#73
Di-n-butylphthalate
Concen: 36.93 ng
RT: 11.45 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :
PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	557319		
150	9.5	7.4	11.2	
104	5.1	2.4	3.6	

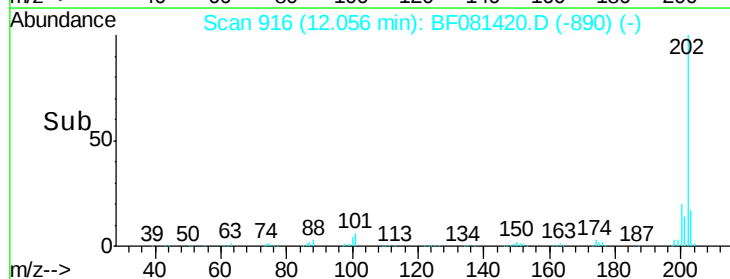
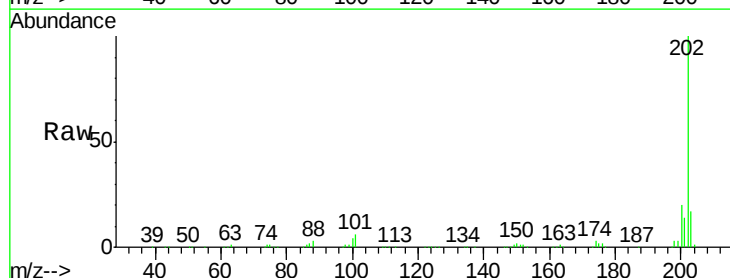
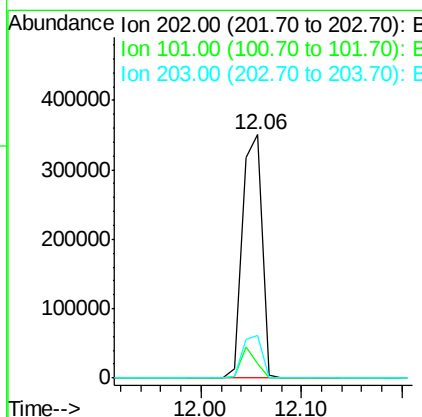
Manual Integrations
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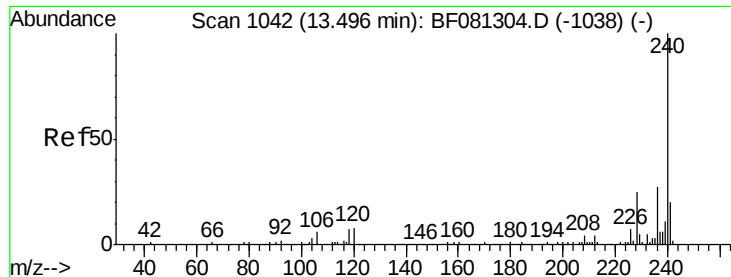
MMDadoda
9/8/2015 1:56:40 PM



#74
Fluoranthene
Concen: 33.05 ng
RT: 12.06 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	474290		
101	5.7	0.0	38.3	
203	17.3	0.0	37.3	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.46 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

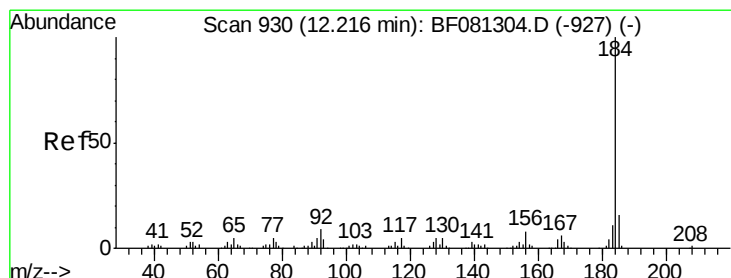
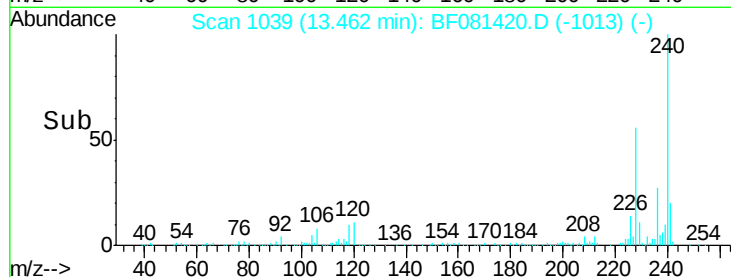
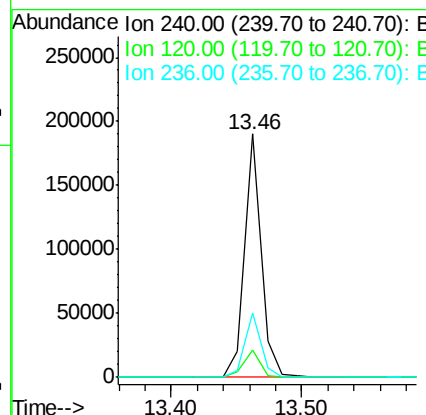
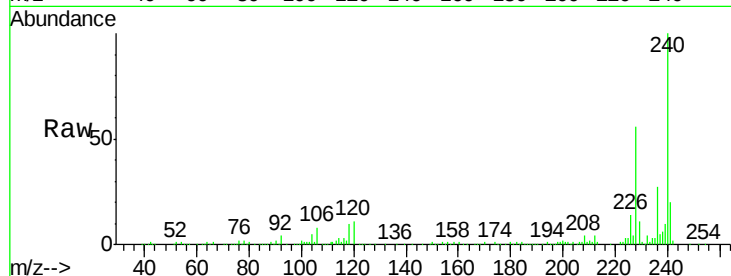
ClientSampleId :

PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	166702		
120	11.3	16.2	24.2#	
236	26.7	18.4	27.6	

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#76

Benzidine

Concen: 21.08 ng

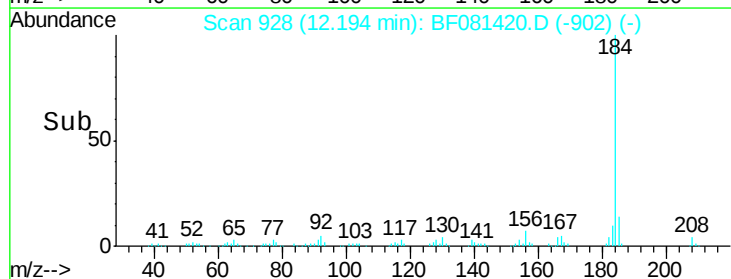
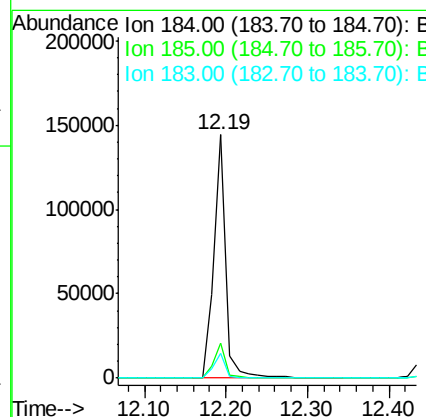
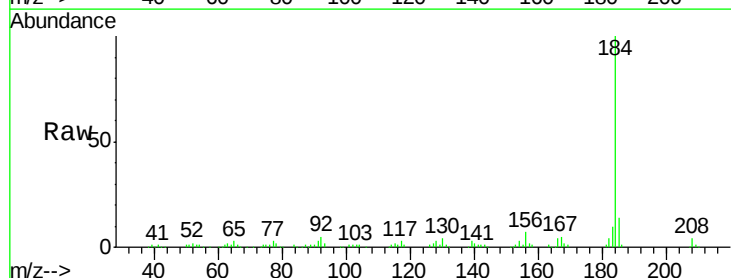
RT: 12.19 min Scan# 928

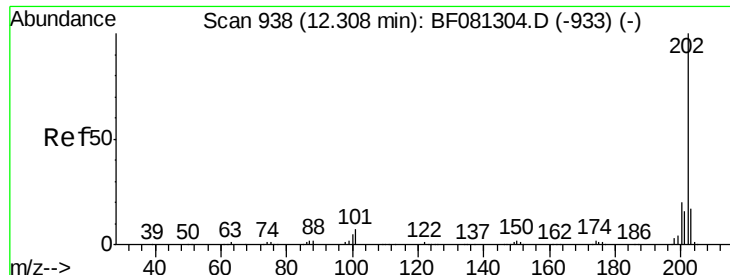
Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	150825		
185	14.2	11.8	17.6	
183	10.3	7.6	11.4	





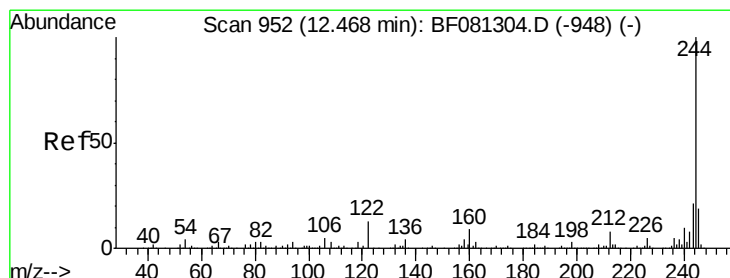
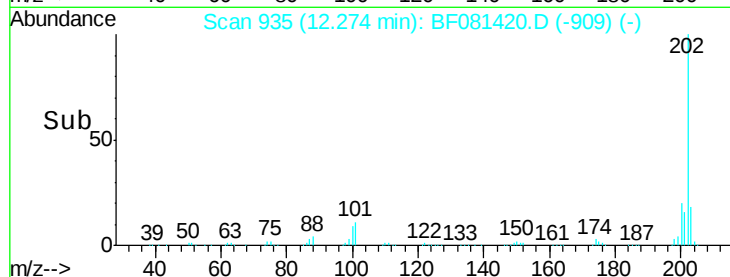
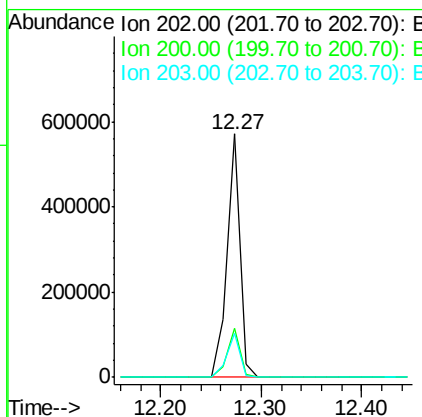
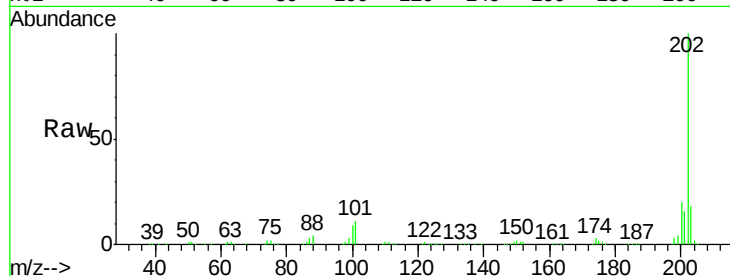
#77
 Pyrene
 Concen: 41.30 ng
 RT: 12.27 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	15.0	22.4
203	18.0	14.1	21.1

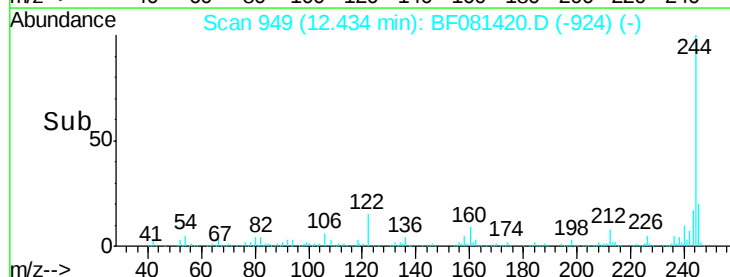
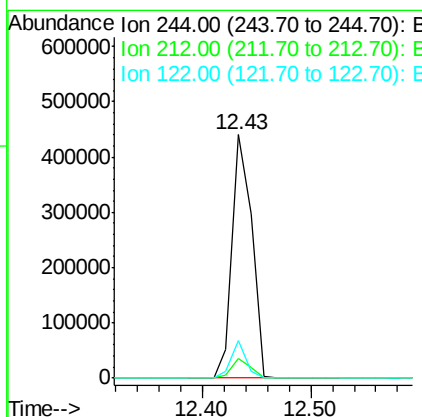
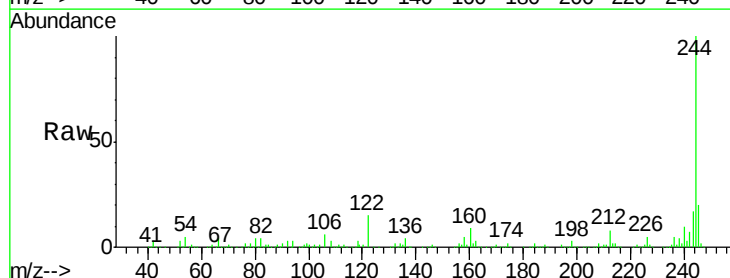
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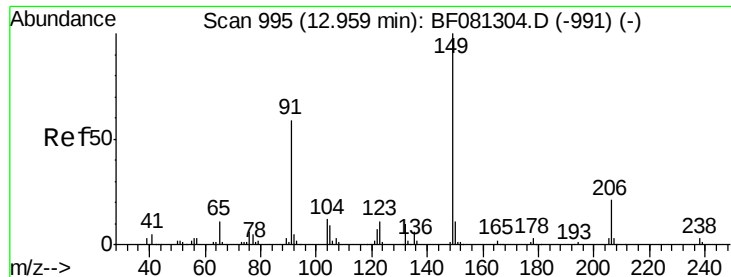
MMDadoda
 9/8/2015 1:56:40 PM



#78
 Terphenyl-d14
 Concen: 76.38 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	15.3	17.4	26.2#





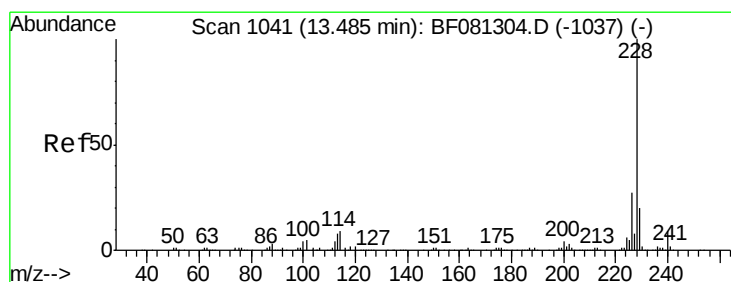
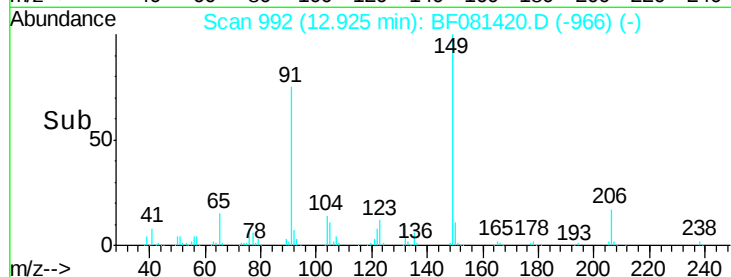
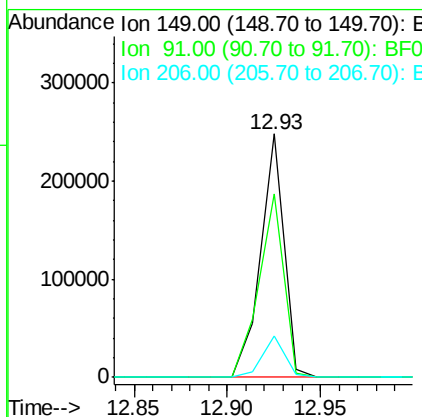
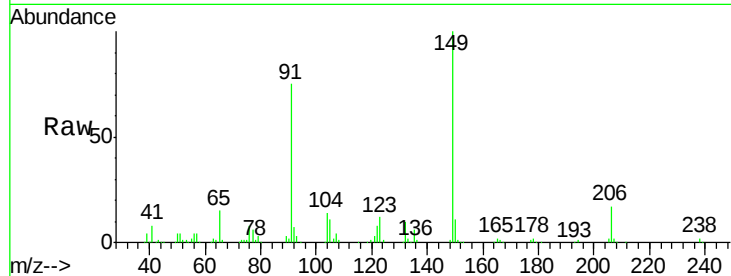
#79
Butylbenzylphthalate
Concen: 39.89 ng
RT: 12.93 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :
PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	214201		
91	75.4	48.6	72.8#	
206	16.8	14.9	22.3	

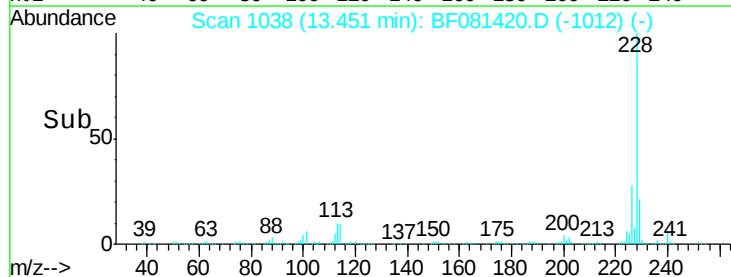
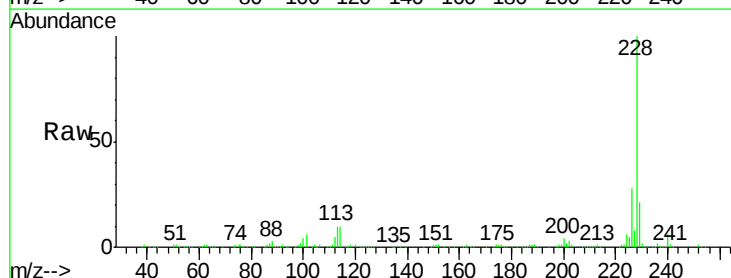
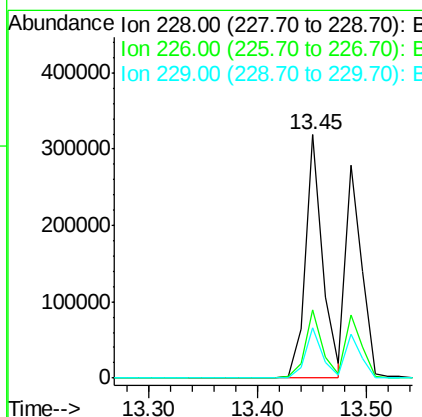
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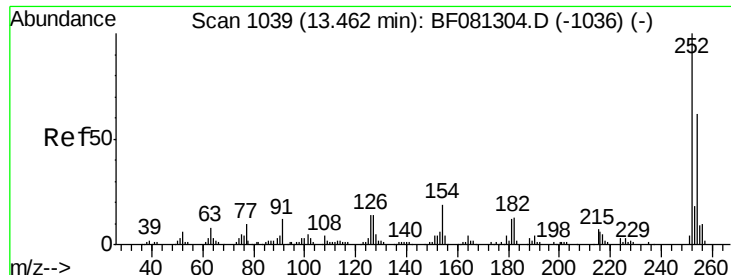
MMDadoda
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#80
Benzo(a)anthracene
Concen: 33.22 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	352638		
226	28.0	20.0	30.0	
229	20.6	15.4	23.2	





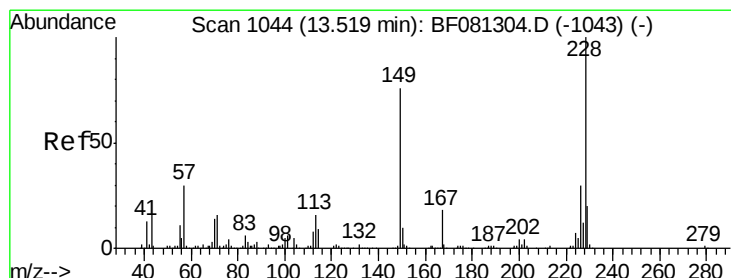
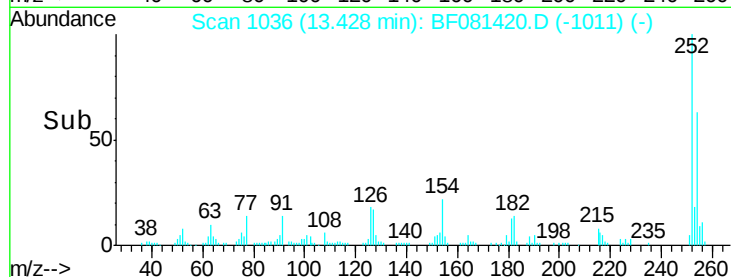
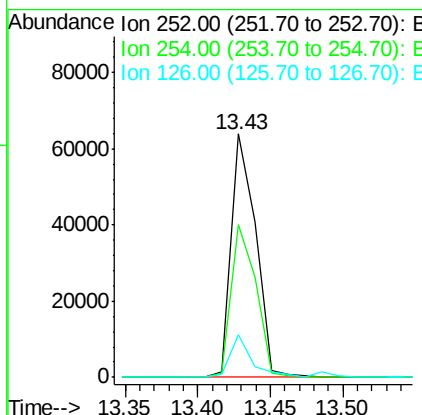
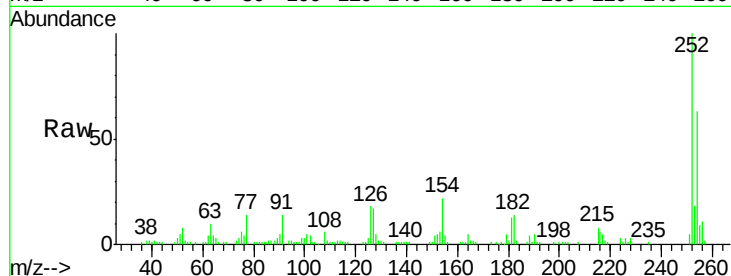
#81
 3,3'-Dichlorobenzidine
 Concen: 20.86 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.5	51.4	77.2
126	17.6	16.4	24.6

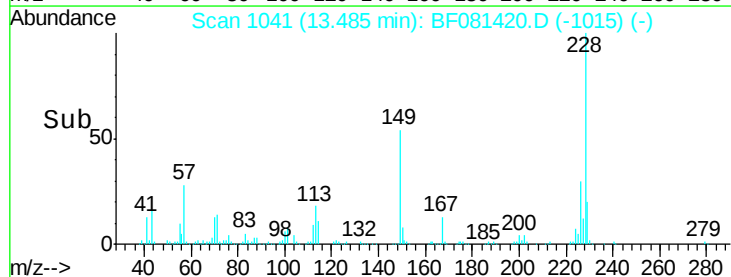
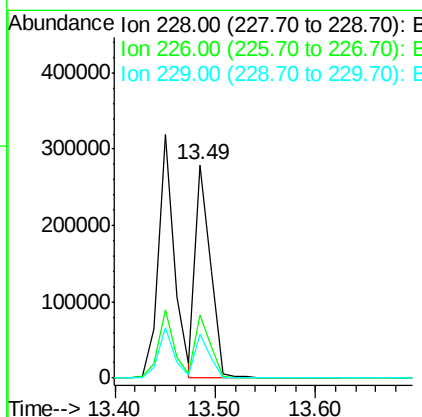
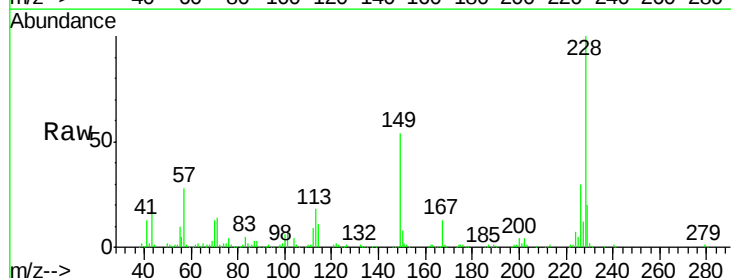
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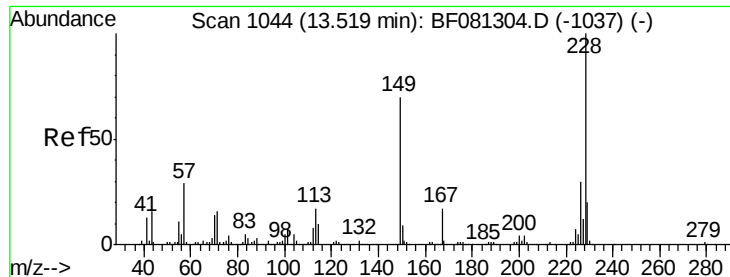
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#82
 Chrysene
 Concen: 31.12 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.7	21.0	31.4
229	20.4	15.6	23.4





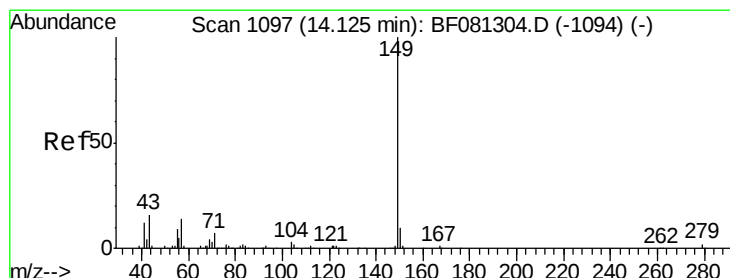
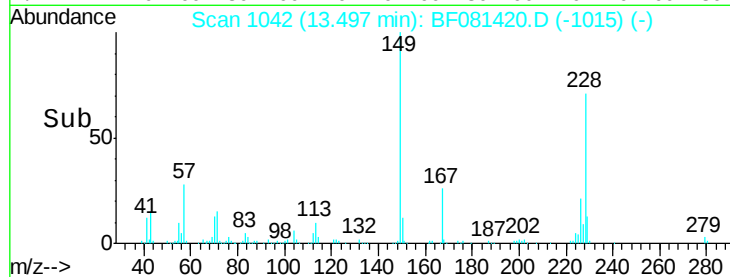
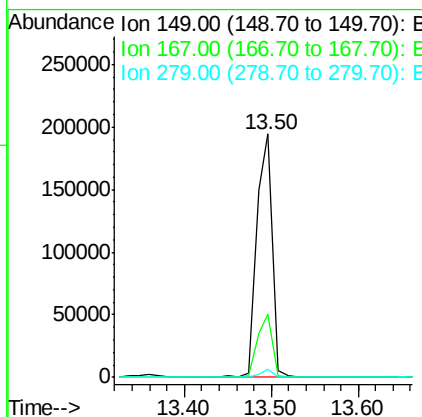
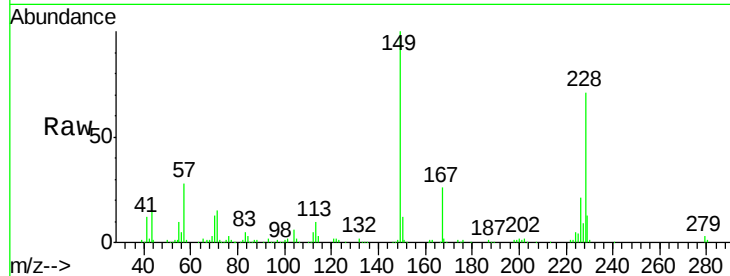
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.74 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.1	24.2	36.2
279	3.1	3.8	5.6

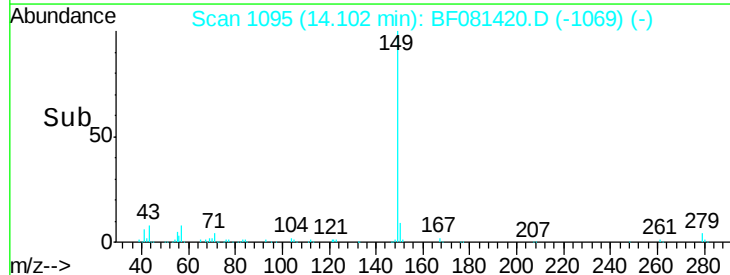
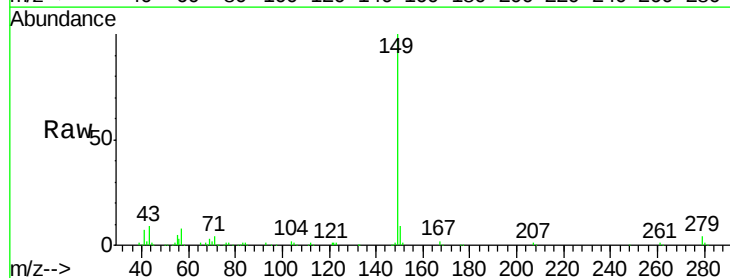
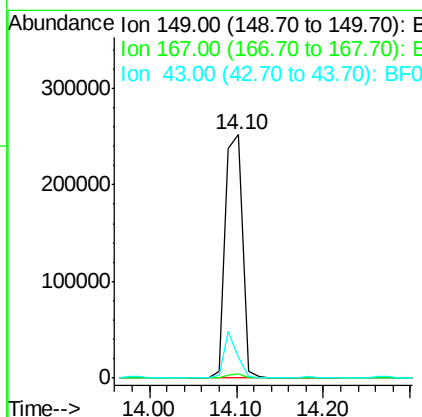
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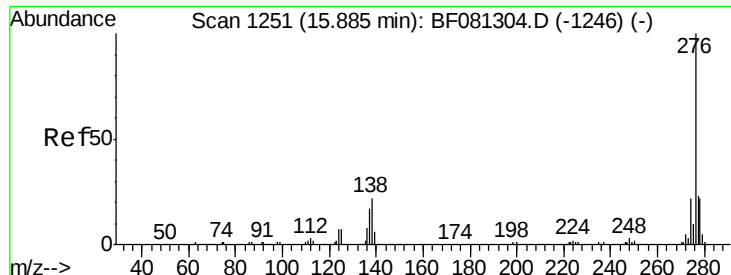
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#84
 Di-n-octyl phthalate
 Concen: 29.98 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.0	1.6
43	14.4	10.2	15.2





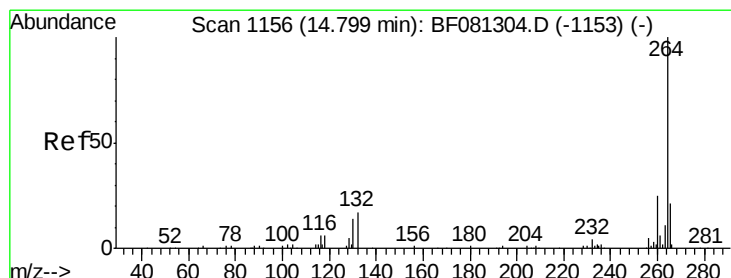
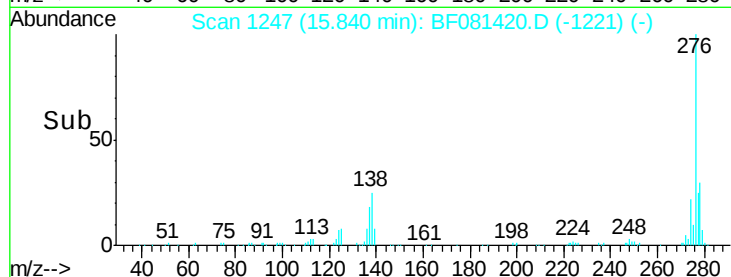
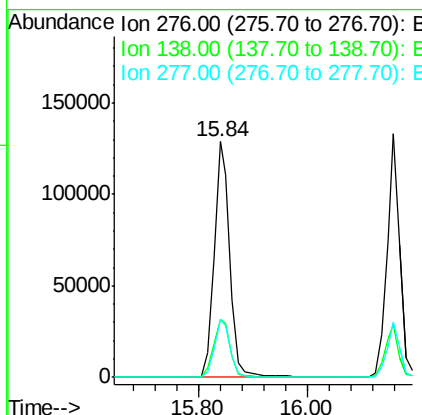
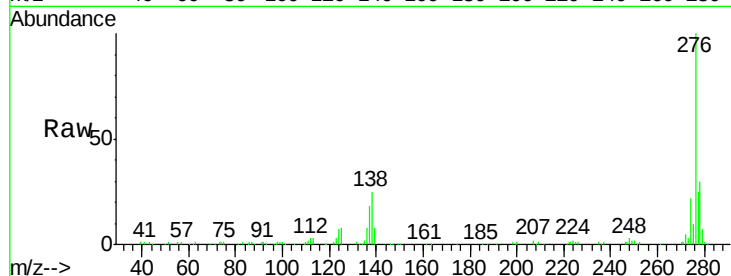
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.54 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	262137		
138	26.2	25.7	38.5	
277	24.8	15.6	23.4	

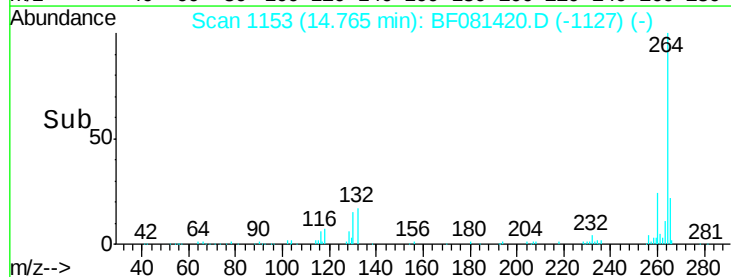
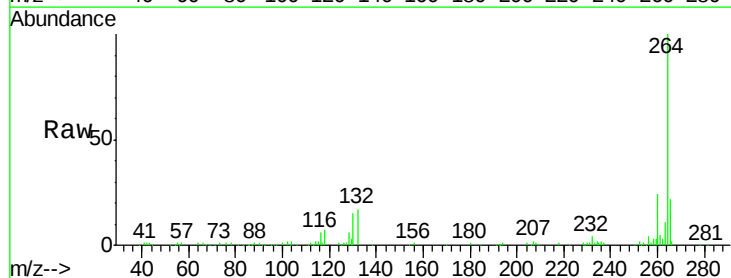
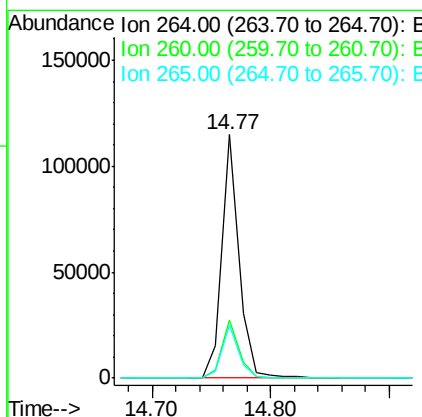
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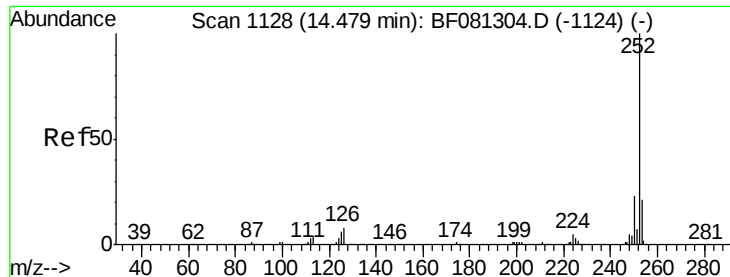
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	114283		
260	23.9	16.7	25.1	
265	21.6	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 37.73 ng m

RT: 14.45 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

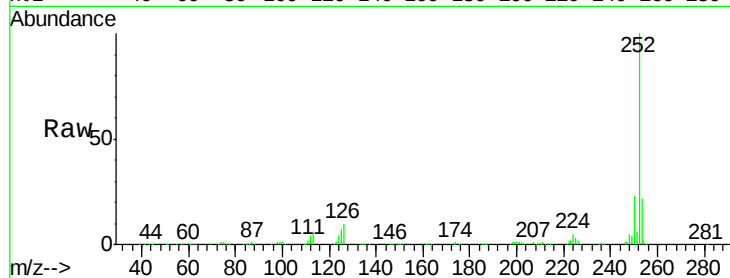
ClientSampleId :

PB85372BS

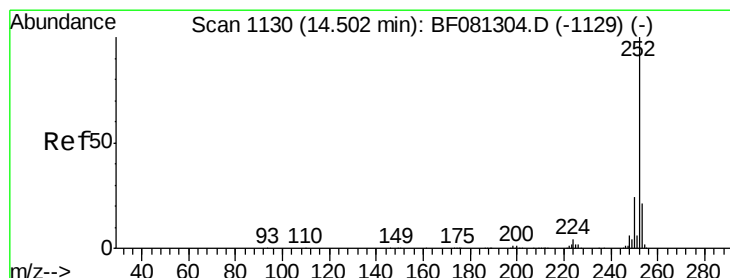
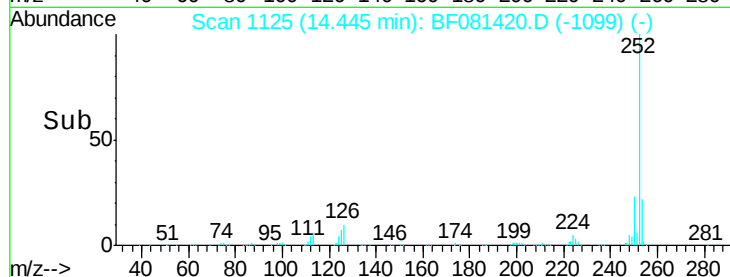
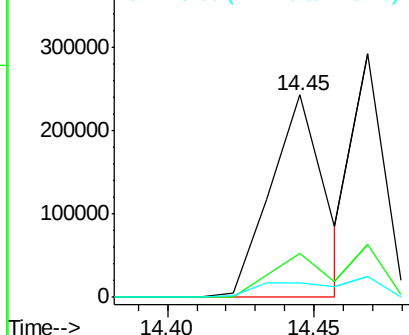
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	307819		
253	21.6	17.5	26.3	
125	7.4	17.1	25.7	

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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: 32.42 ng m

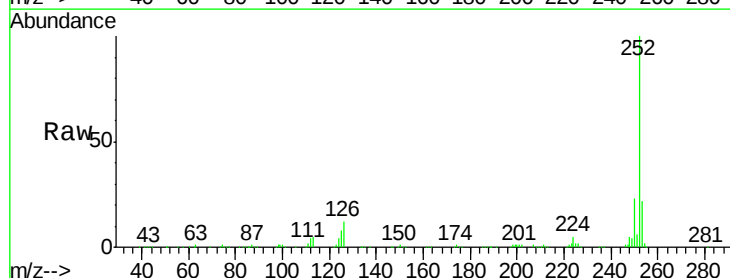
RT: 14.47 min Scan# 1127

Delta R.T. 0.00 min

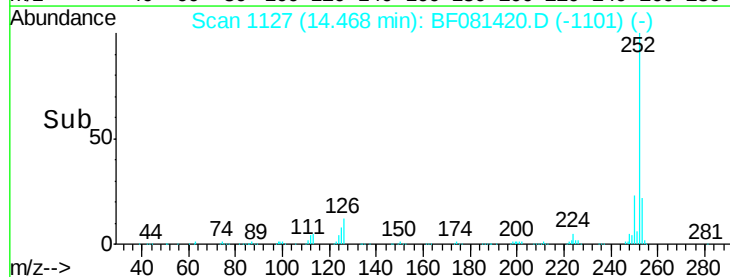
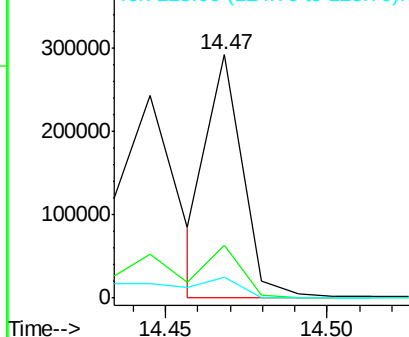
Lab File: BF081420.D

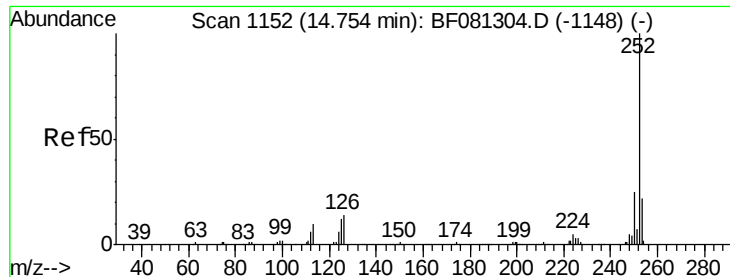
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	219473		
253	21.7	17.0	25.4	
125	8.4	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: 35.46 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

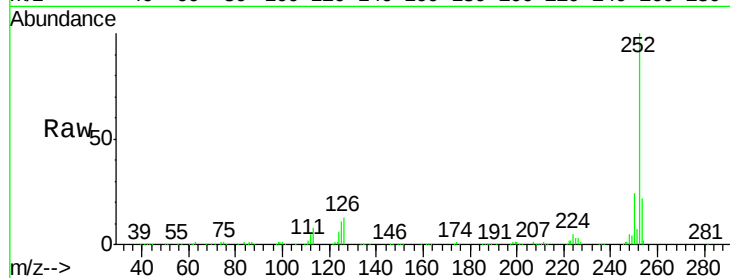
ClientSampleId :

PB85372BS

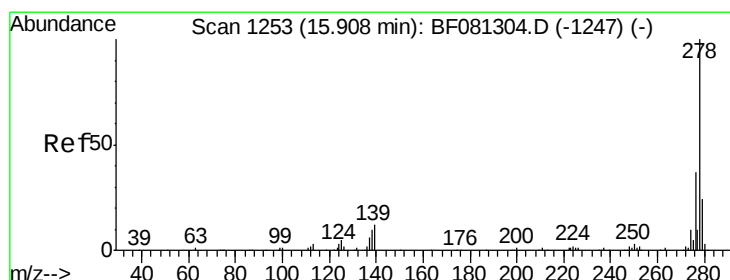
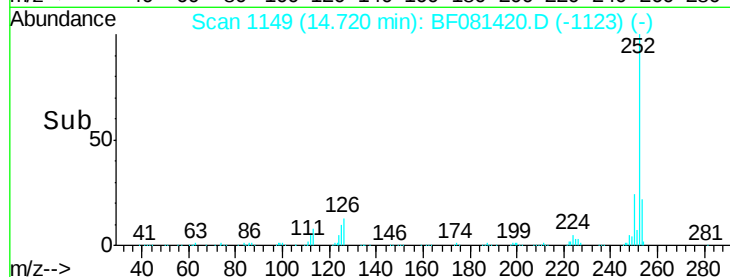
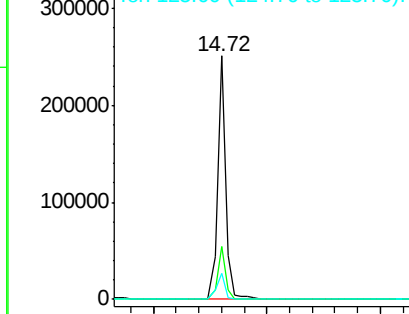
Tgt Ion:	252	Resp:	245165
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.2	25.8
125	10.9	18.0	27.0#

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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



#90

Dibenzo(a,h)anthracene

Concen: 41.06 ng

RT: 15.85 min Scan# 1248

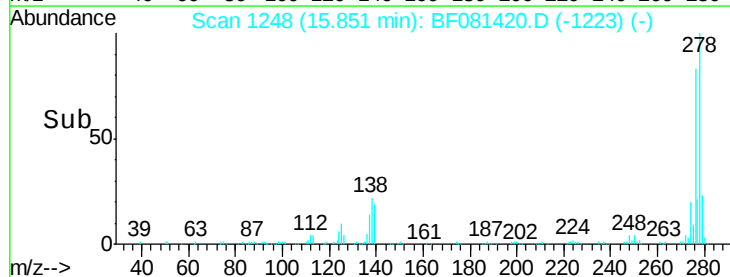
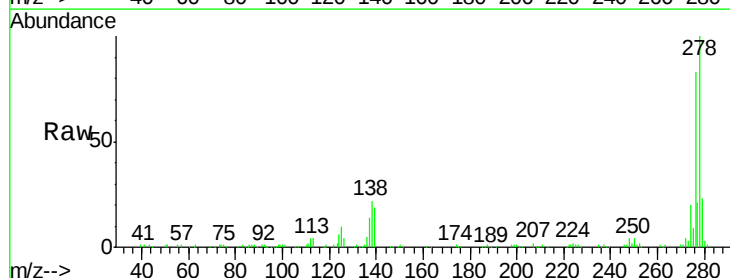
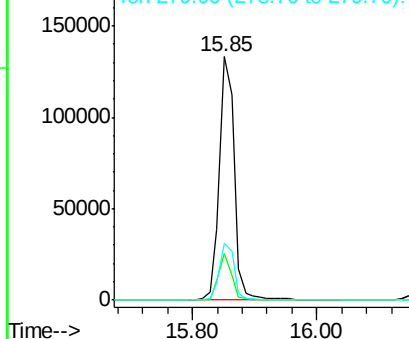
Delta R.T. -0.01 min

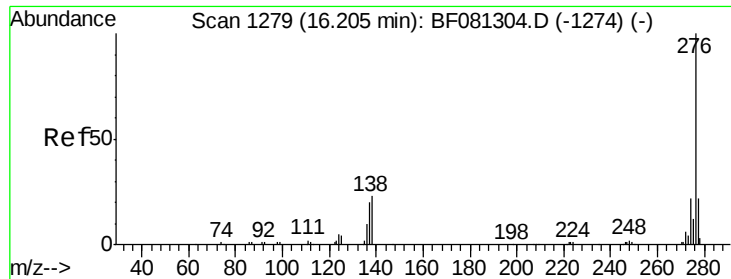
Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Tgt Ion:	278	Resp:	219386
Ion Ratio	Lower	Upper	
278	100		
139	19.1	26.3	39.5#
279	23.3	18.2	27.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 44.38 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB85372BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.8	17.8	26.6
138	21.8	34.6	51.8

Manual Integrations
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MMDadoda
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