

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081850.D
 Acq On : 28 Sep 2015 18:42
 Operator : UM/IZ
 Sample : PB85617BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:45 PM

Quant Time: Sep 29 03:39:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	95178	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	388607	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	189440	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	366442	20.00	ng	0.00
75) Chrysene-d12	14.12	240	354787	20.00	ng	0.00
86) Perylene-d12	15.58	264	289293	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	450369	85.90	ng	0.01
7) Phenol-d6	6.56	99	582741	88.33	ng	0.00
23) Nitrobenzene-d5	7.50	82	484626	83.13	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	163918	85.44	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1008612	90.15	ng	0.00
78) Terphenyl-d14	13.05	244	950774	87.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	81442	35.72	ng	89
3) Pyridine	3.36	79	210897	35.53	ng	85
4) n-Nitrosodimethylamine	3.31	42	106271	39.41	ng	96
6) Aniline	6.59	93	231896	26.16	ng	# 84
8) 2-Chlorophenol	6.72	128	251530	43.44	ng	97
9) Benzaldehyde	6.48	77	84349	19.52	ng	# 81
10) Phenol	6.57	94	333367	45.05	ng	74
11) bis(2-Chloroethyl)ether	6.66	93	246059	42.87	ng	97
12) 1,3-Dichlorobenzene	6.87	146	291071	42.56	ng	# 94
13) 1,4-Dichlorobenzene	6.95	146	297960	41.72	ng	# 94
14) 1,2-Dichlorobenzene	7.10	146	264022m	41.49	ng	
15) Benzyl Alcohol	7.07	79	210951	44.29	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.21	45	367813	45.33	ng	79
17) 2-Methylphenol	7.19	107	206257	43.94	ng	# 87
18) Hexachloroethane	7.44	117	93537	41.84	ng	# 88
19) n-Nitroso-di-n-propylamine	7.35	70	172587	43.04	ng	# 78
20) 3+4-Methylphenols	7.34	107	264891	44.68	ng	# 61
22) Acetophenone	7.35	105	345311	43.46	ng	# 85
24) Nitrobenzene	7.52	77	272913	43.11	ng	# 74
25) Isophorone	7.75	82	471335	40.79	ng	# 86
26) 2-Nitrophenol	7.84	139	133956	44.08	ng	# 81
27) 2,4-Dimethylphenol	7.87	122	236338	44.21	ng	# 85
28) bis(2-Chloroethoxy)methane	7.97	93	289307	42.16	ng	# 93
29) 2,4-Dichlorophenol	8.08	162	230560	44.48	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	242017	41.82	ng	99
31) Naphthalene	8.24	128	712166m	41.36	ng	
32) Benzoic acid	7.99	122	125682	40.64	ng	# 67
33) 4-Chloroaniline	8.30	127	124211	16.68	ng	# 93
34) Hexachlorobutadiene	8.35	225	144542	42.24	ng	98
35) Caprolactam	8.66	113	66893	46.62	ng	98
36) 4-Chloro-3-methylphenol	8.78	107	240898	47.53	ng	89
37) 2-Methylnaphthalene	8.94	142	515348	43.84	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	239546	41.19	ng	99
40) Hexachlorocyclopentadiene	9.09	237	289258	96.58	ng	97

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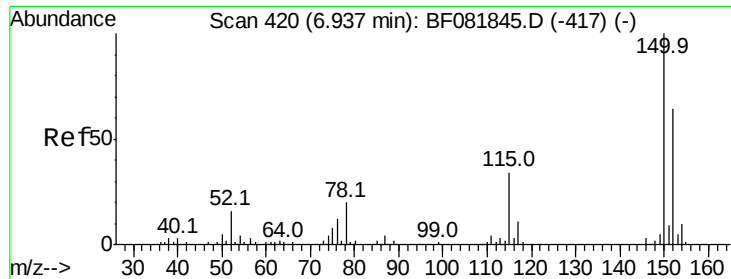
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	169564	42.53	nq	99
43) 2,4,5-Trichlorophenol	9.26	196	182406	44.49	nq #	94
45) 1,1'-Biphenyl	9.39	154	604239	41.34	nq	94
46) 2-Chloronaphthalene	9.43	162	499122	43.49	nq	98
47) 2-Nitroaniline	9.52	65	143350	42.55	nq #	65
48) Acenaphthylene	9.84	152	773080	42.09	nq	96
49) Dimethylphthalate	9.70	163	598496	45.77	nq #	98
50) 2,6-Dinitrotoluene	9.76	165	124458	43.84	nq #	55
51) Acenaphthene	10.01	154	516369	47.34	nq	88
52) 3-Nitroaniline	9.93	138	84506	25.73	nq #	62
53) 2,4-Dinitrophenol	10.05	184	109574	79.54	nq #	79
54) Dibenzofuran	10.18	168	673459	43.69	nq #	87
55) 4-Nitrophenol	10.09	139	207813	87.57	nq #	41
56) 2,4-Dinitrotoluene	10.17	165	184870	51.08	nq #	89
57) Fluorene	10.53	166	515617	46.86	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.30	232	147896	45.47	nq	97
59) Diethylphthalate	10.40	149	571711	46.81	nq	99
60) 4-Chlorophenyl-phenylether	10.53	204	239981	42.53	nq	88
61) 4-Nitroaniline	10.55	138	133818	40.64	nq #	45
62) Azobenzene	10.67	77	548013	45.97	nq	87
64) 4,6-Dinitro-2-methylphenol	10.57	198	80649	48.40	nq	90
65) n-Nitrosodiphenylamine	10.64	169	481730	43.45	nq	91
66) 4-Bromophenyl-phenylether	11.01	248	161582	43.73	nq #	85
67) Hexachlorobenzene	11.07	284	189790	45.51	nq #	80
68) Atrazine	11.17	200	156585	45.52	nq	83
69) Pentachlorophenol	11.27	266	214594	90.32	nq	99
70) Phenanthrene	11.50	178	819283	46.52	nq	97
71) Anthracene	11.54	178	821090	44.09	nq	96
72) Carbazole	11.70	167	793500	47.07	nq	96
73) Di-n-butylphthalate	12.02	149	838612	48.96	nq #	98
74) Fluoranthene	12.69	202	872324	44.44	nq	86
76) Benzidine	12.81	184	252897	23.66	nq	98
77) Pyrene	12.92	202	932397	43.99	nq	96
79) Butylbenzylphthalate	13.53	149	383486	48.08	nq	96
80) Benzo(a)anthracene	14.10	228	803156	42.04	nq	95
81) 3,3'-Dichlorobenzidine	14.07	252	164123	25.44	nq #	92
82) Chrysene	14.14	228	769078	47.46	nq	94
83) Bis(2-ethylhexyl)phthalate	14.08	149	464015	46.38	nq #	90
84) Di-n-octyl phthalate	14.70	149	780768	47.96	nq #	92
85) Indeno(1,2,3-cd)pyrene	17.05	276	654364	43.78	nq #	86
87) Benzo(b)fluoranthene	15.16	252	780969	47.28	nq #	85
88) Benzo(k)fluoranthene	15.18	252	660348m	43.62	nq	
89) Benzo(a)pyrene	15.52	252	671204	46.85	nq #	86
90) Dibenzo(a,h)anthracene	17.06	278	535721	44.57	nq #	81
91) Benzo(g,h,i)perylene	17.50	276	547469	44.44	nq #	74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

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Instrument :

BNA_F

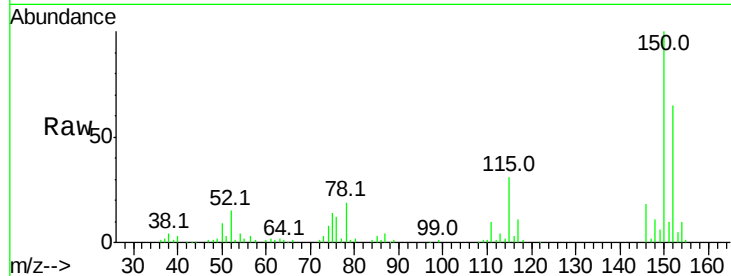
ClientSampleId :

PB85617BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.7	187.1
115	48.6	39.0	58.4

Manual Integrations
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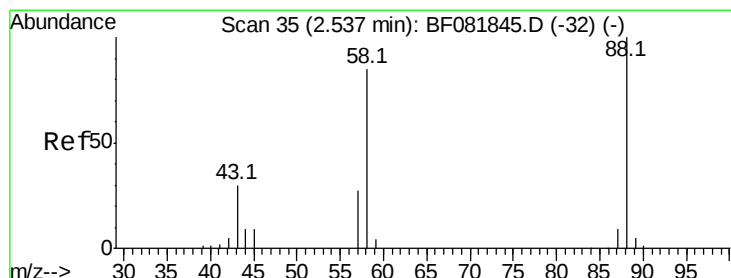
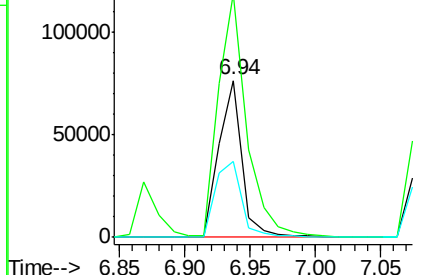
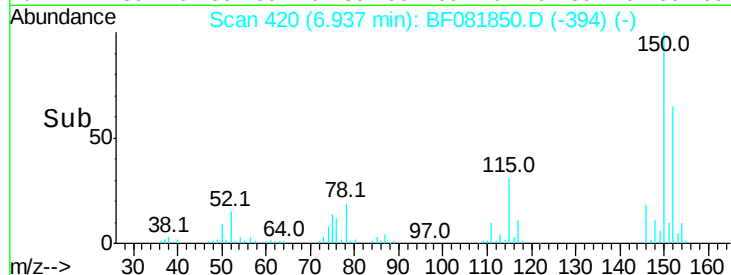


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.72 ng

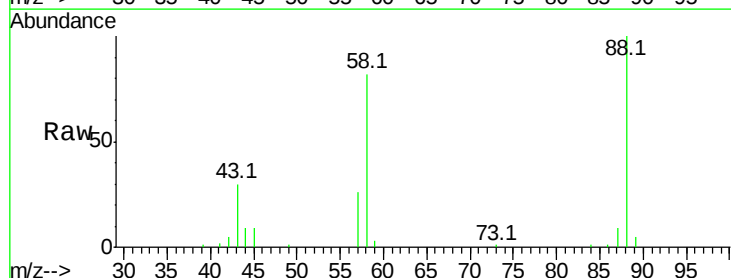
RT: 2.61 min Scan# 41

Delta R.T. 0.07 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	77.7	116.5
43	33.5	26.6	40.0

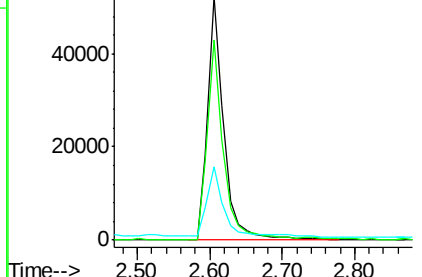
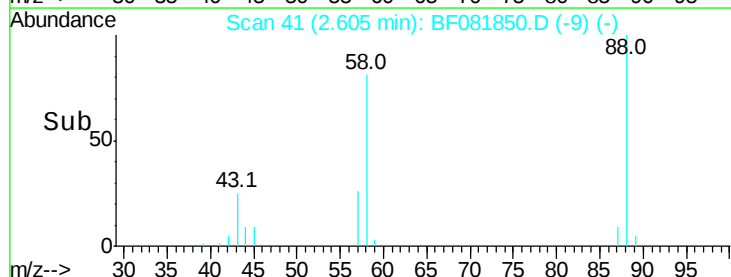


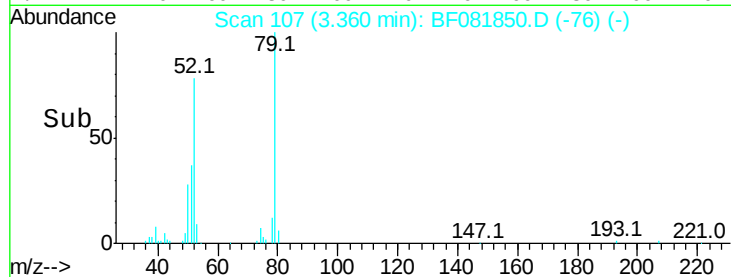
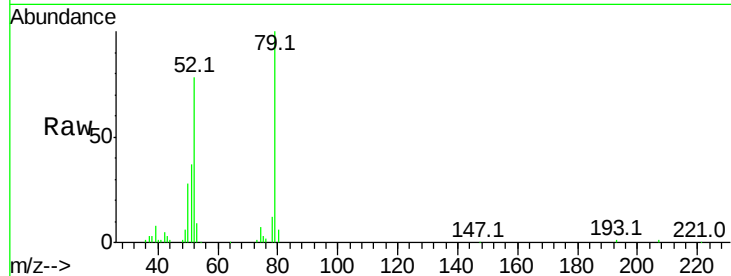
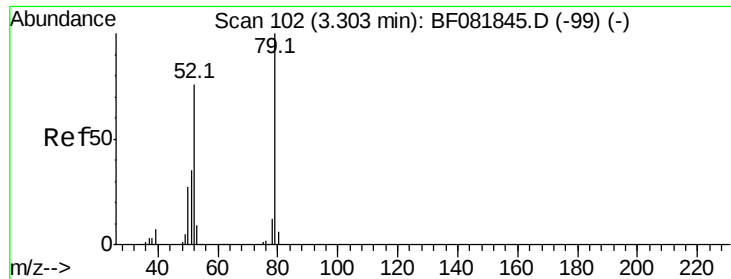
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





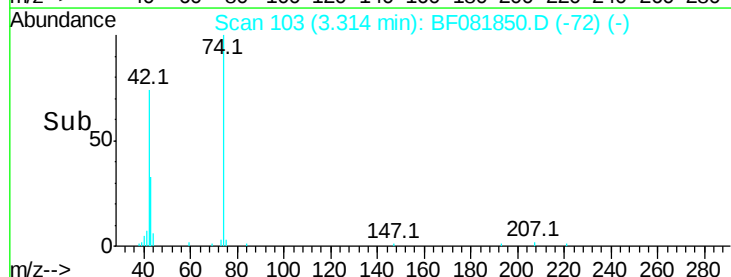
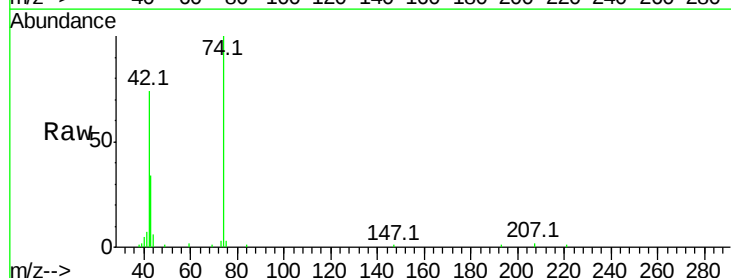
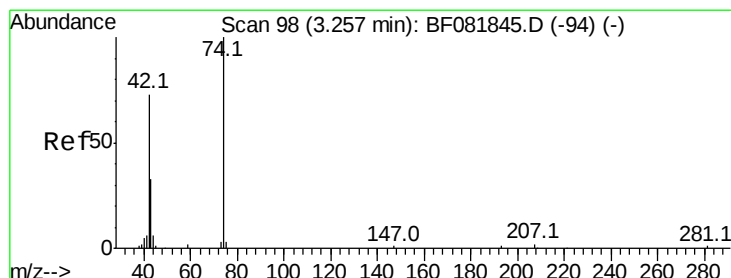
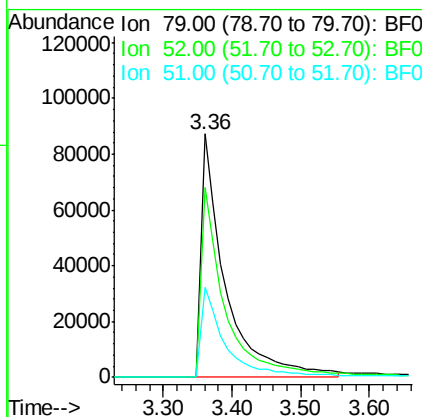
#3
Pvridine
Concen: 35.53 ng
RT: 3.36 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tot Ion: 79 Resp: 210897
Ion Ratio Lower Upper
79 100
52 78.2 76.8 115.2
51 36.7 32.2 48.4

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BNA_F
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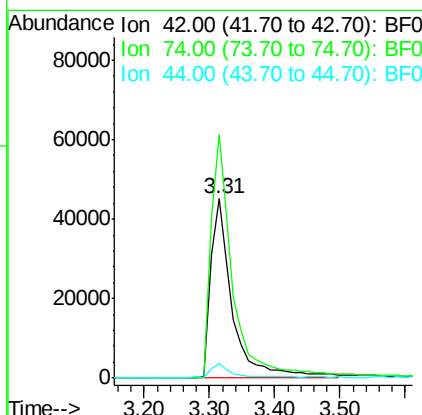
Manual Integrations
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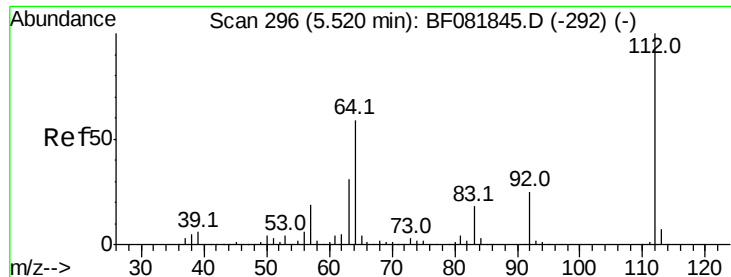
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#4
n-Nitrosodimethylamine
Concen: 39.41 ng
RT: 3.31 min Scan# 103
Delta R.T. 0.06 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion: 42 Resp: 106271
Ion Ratio Lower Upper
42 100
74 135.8 105.0 157.6
44 7.9 6.6 10.0





#5

2-Fluorophenol

Concen: 85.90 ng

RT: 5.53 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

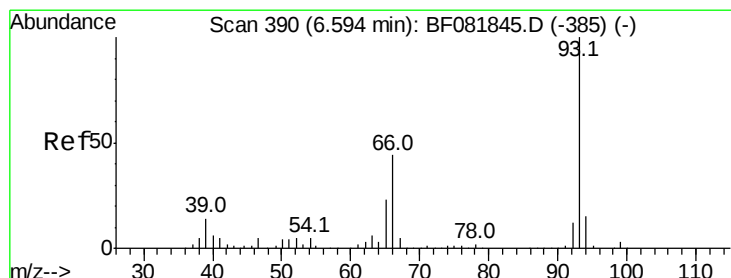
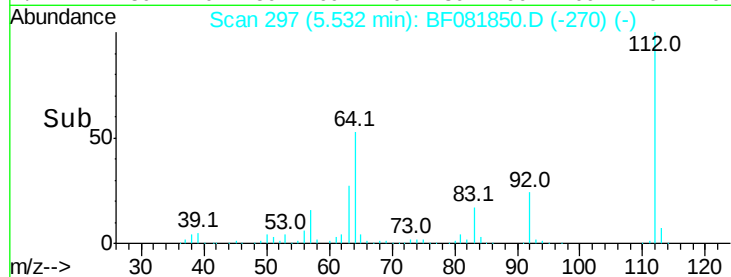
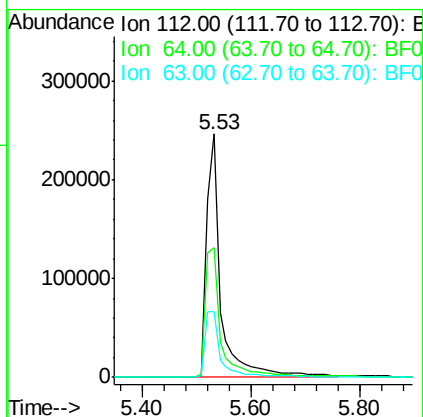
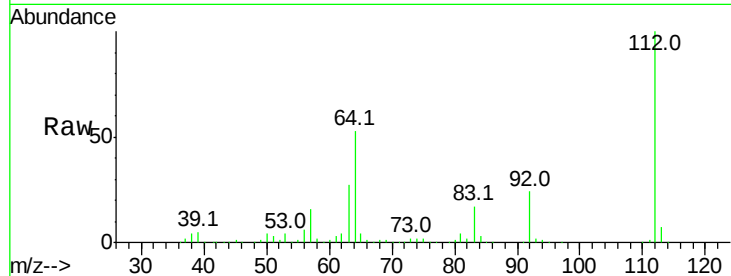
ClientSampleId :

PB85617BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.0	39.7	59.5
63	27.2	17.4	26.0#

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#6

Aniline

Concen: 26.16 ng

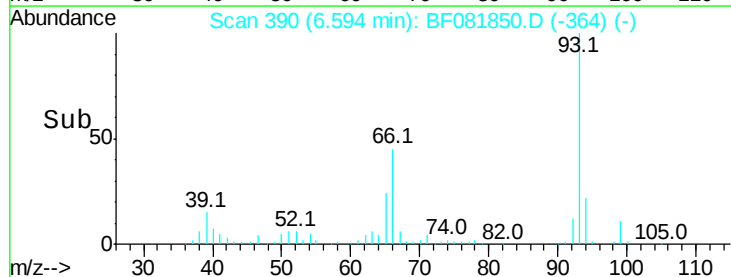
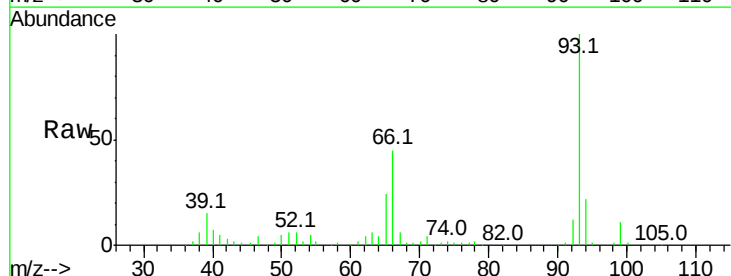
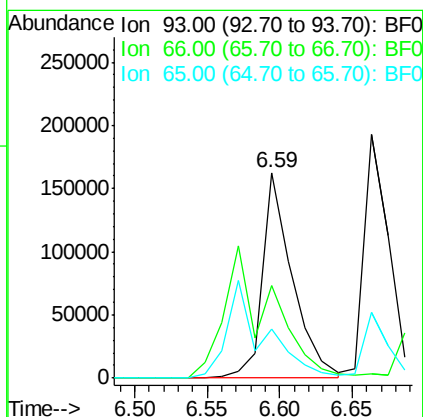
RT: 6.59 min Scan# 390

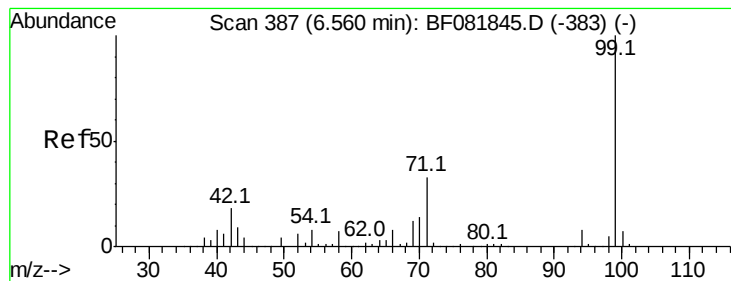
Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	44.8	27.2	40.8#
65	23.8	14.7	22.1#





#7

Phenol-d6

Concen: 88.33 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

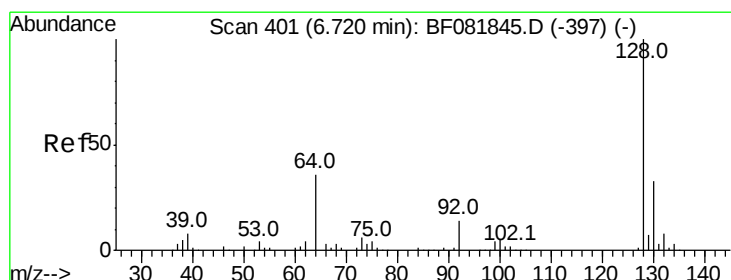
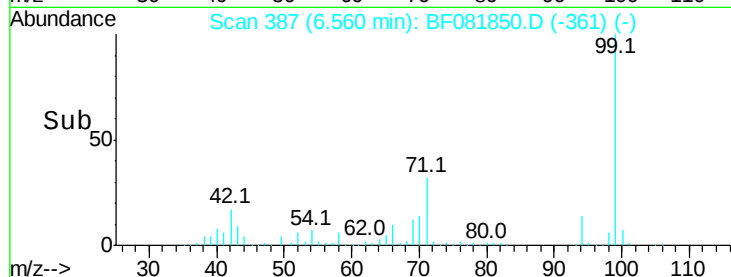
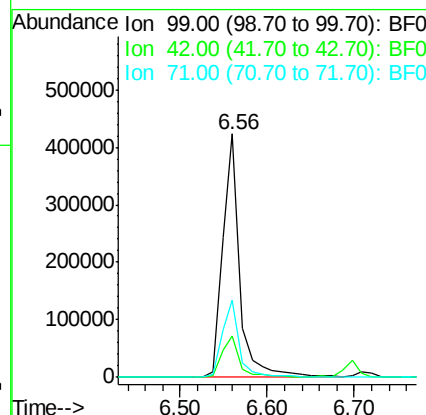
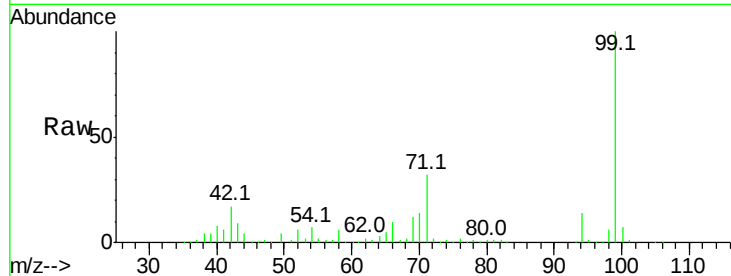
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
99	100	582741		
42	17.0		13.7	20.5
71	31.6		14.2	21.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 43.44 ng

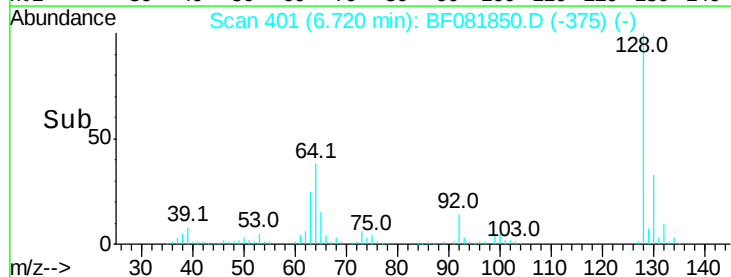
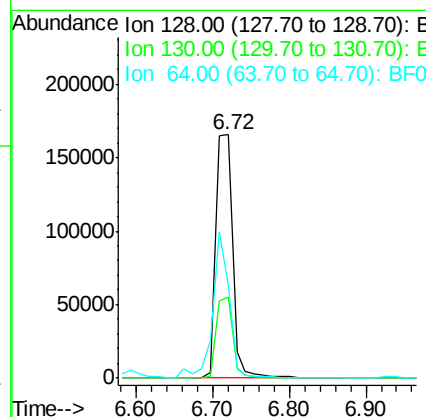
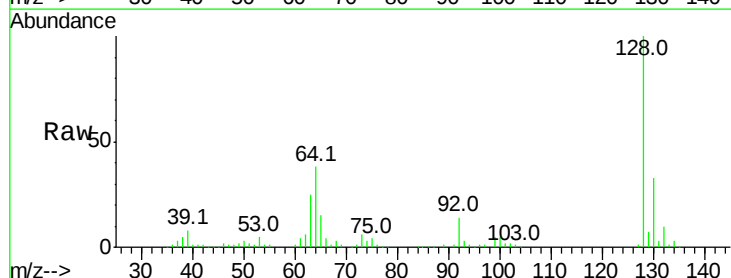
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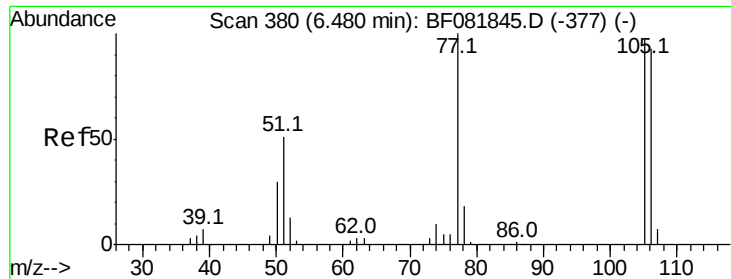
Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	251530		
130	33.4		12.2	52.2
64	37.9		20.5	60.5





#9

Benzaldehyde

Concen: 19.52 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

Tot Ion: 77 Resp: 84349

Ion Ratio Lower Upper

77 100

105 100.1 91.6 131.6

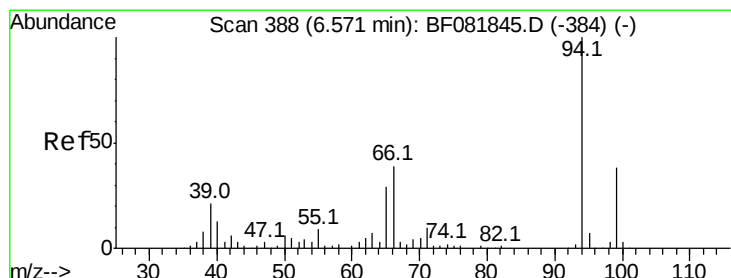
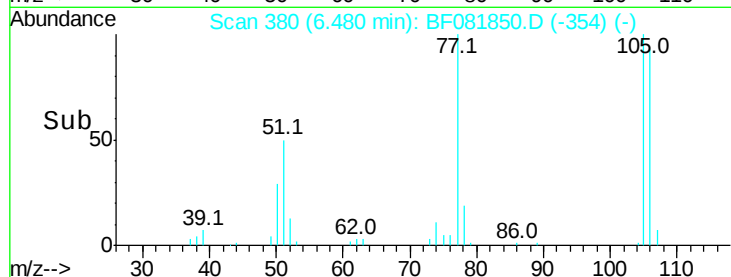
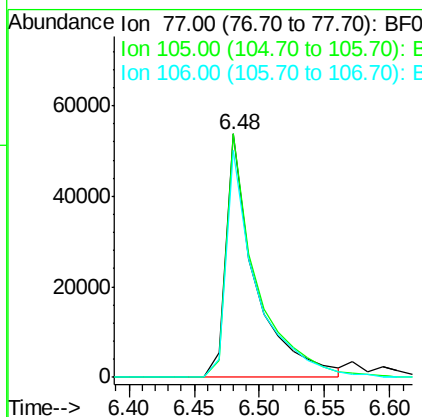
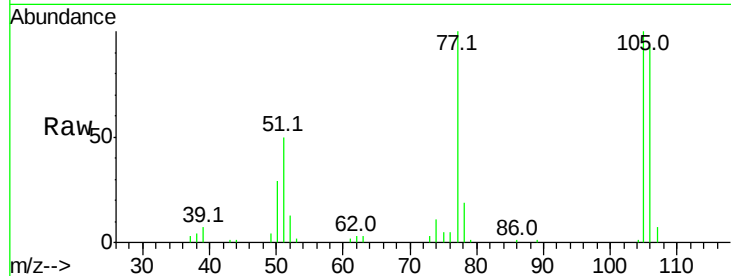
106 93.3 102.6 142.6#

Manual Integrations

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#10

Phenol

Concen: 45.05 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

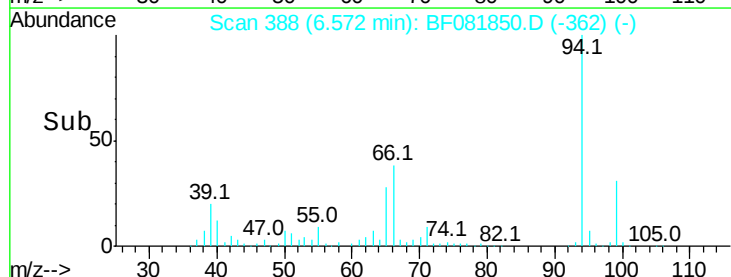
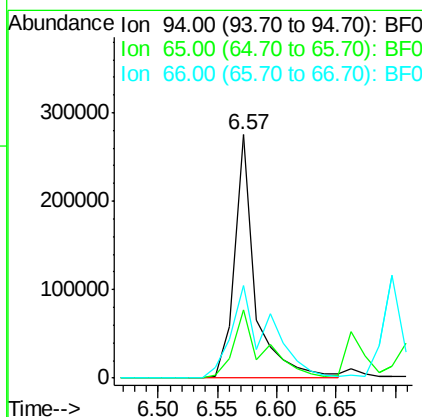
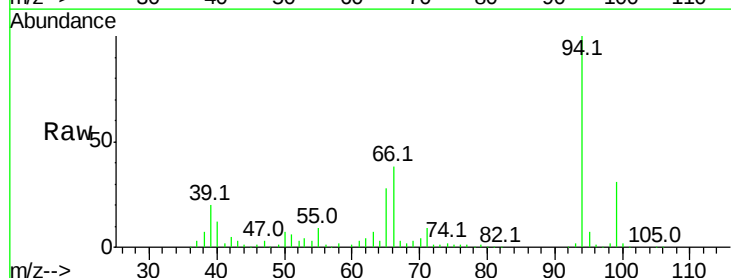
Tgt Ion: 94 Resp: 333367

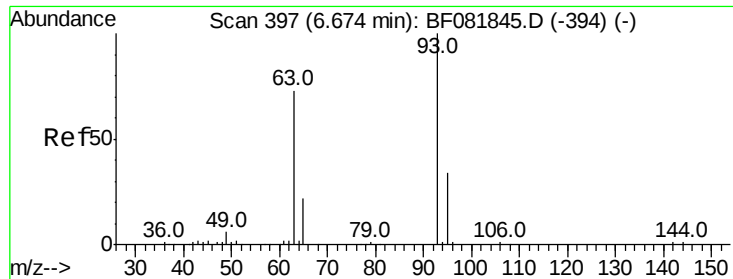
Ion Ratio Lower Upper

94 100

65 28.1 0.7 40.7

66 38.0 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 42.87 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

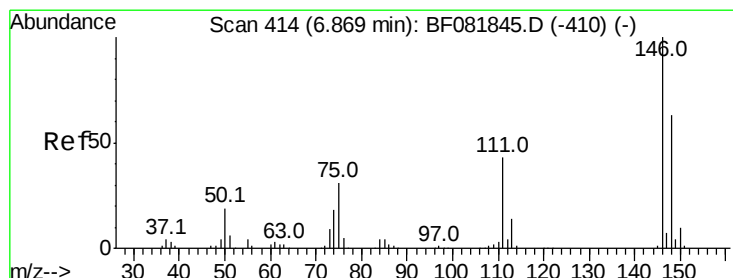
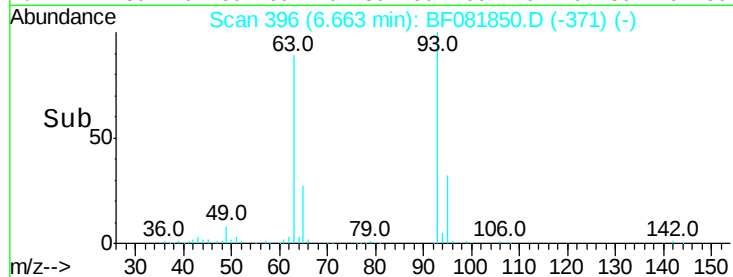
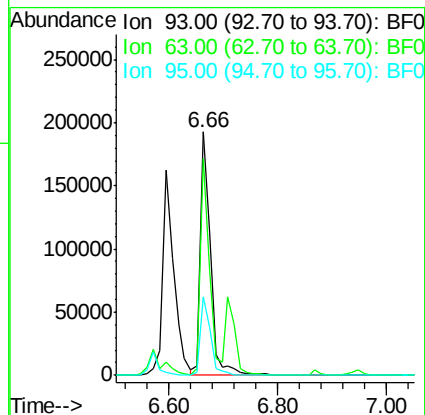
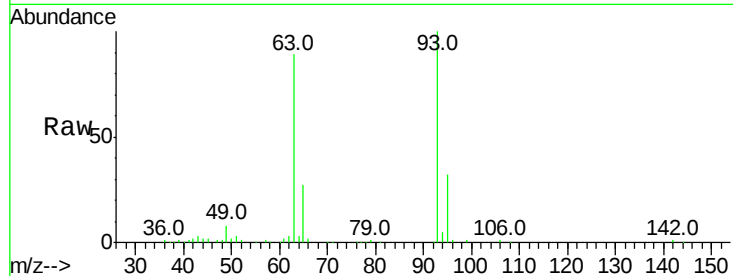
ClientSampleId :

PB85617BS

Tot Ion:	93	Resp:	246059
Ion Ratio	Lower	Upper	
93	100		
63	89.1	65.6	105.6
95	32.5	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 42.56 ng

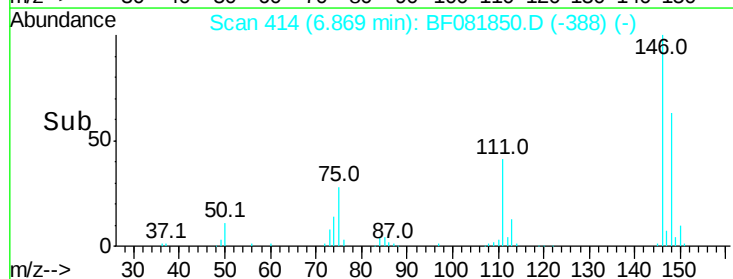
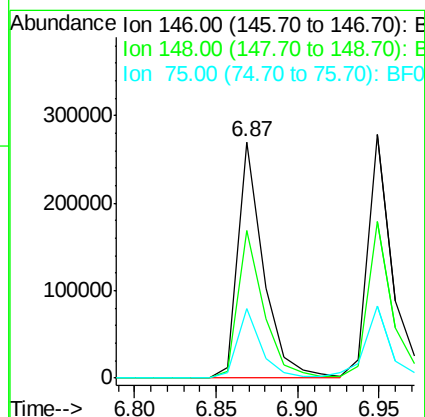
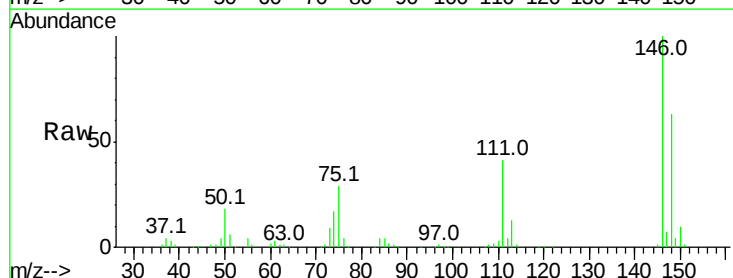
RT: 6.87 min Scan# 414

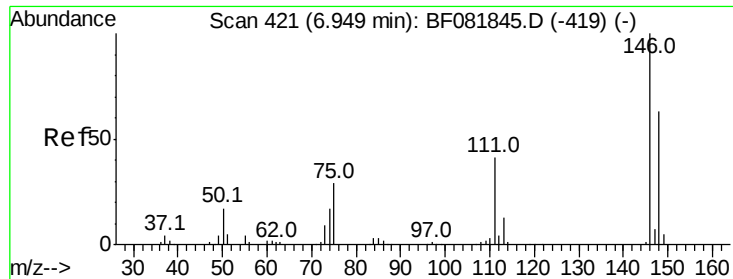
Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion:	146	Resp:	291071
Ion Ratio	Lower	Upper	
146	100		
148	62.6	51.0	76.4
75	29.5	15.0	22.6#





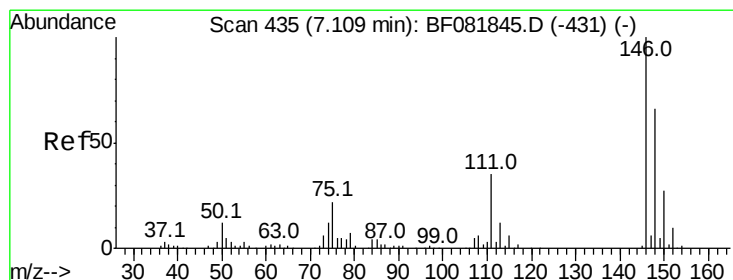
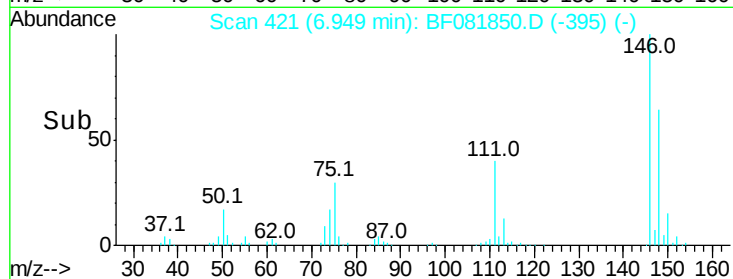
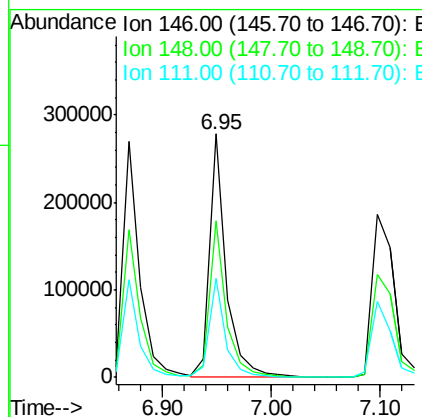
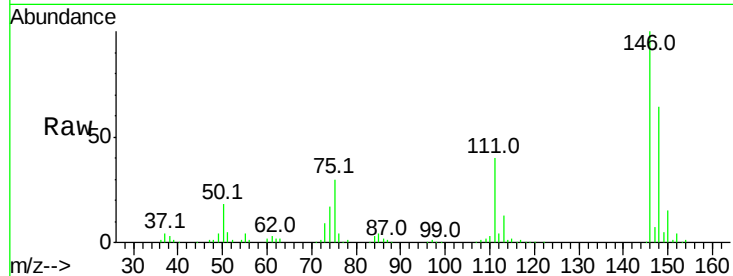
#13
 1,4-Dichlorobenzene
 Concen: 41.72 ng
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
111	40.5	24.9	37.3

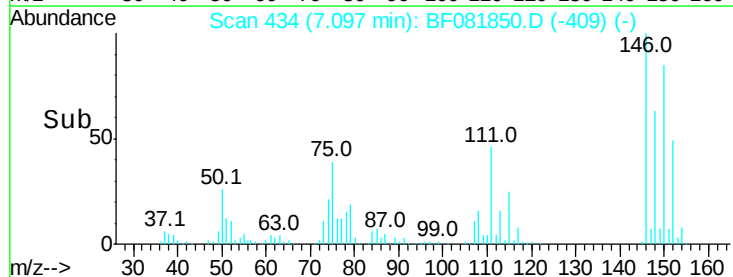
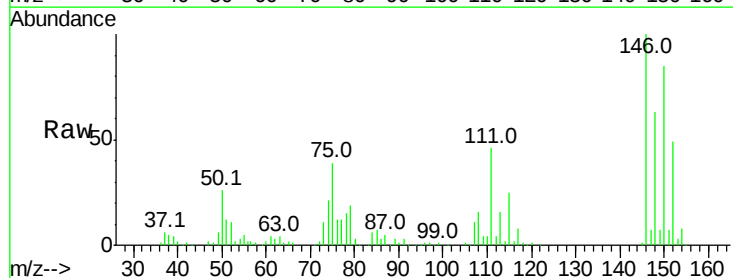
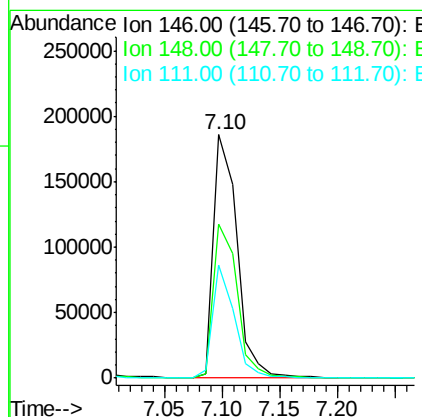
Manual Integrations
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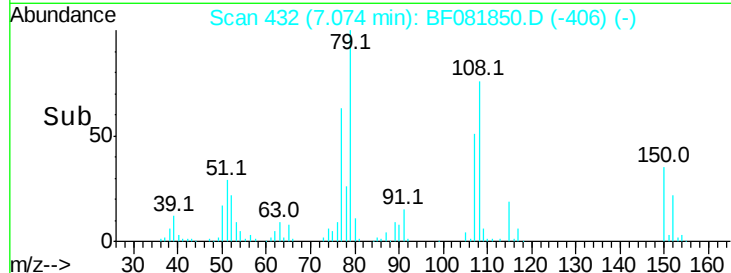
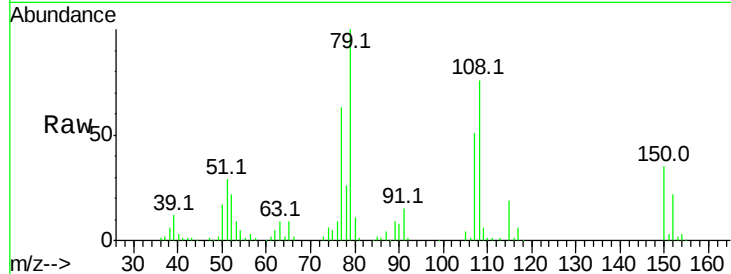
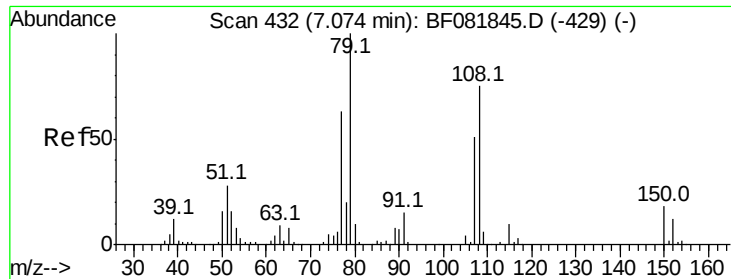
MMDadoda
 9/29/2015 12:10:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.49 ng m
 RT: 7.10 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.7	79.1
111	46.4	28.8	43.2





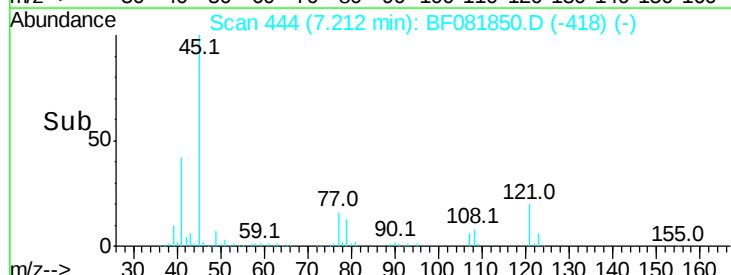
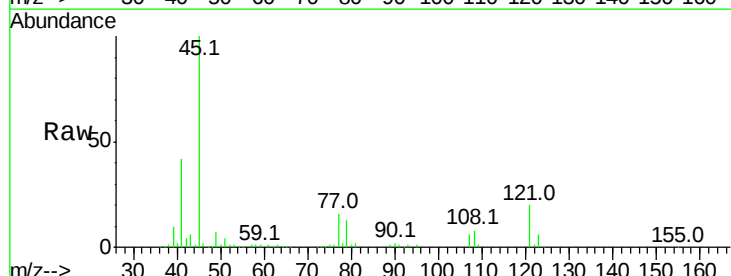
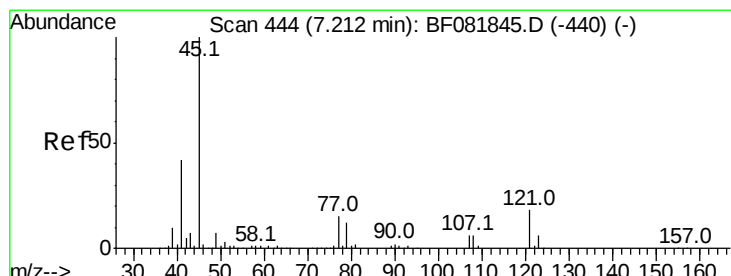
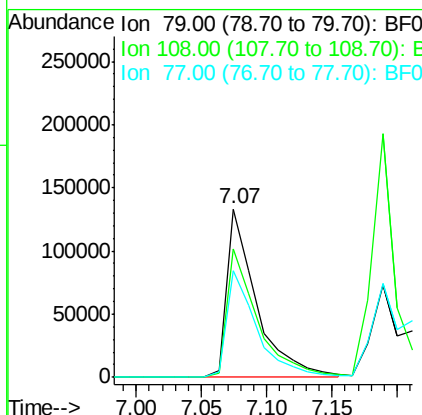
#15
Benzyl Alcohol
Concen: 44.29 ng
RT: 7.07 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tot Ion: 79 Resp: 210951
Ion Ratio Lower Upper
79 100
108 76.0 88.6 132.8#
77 63.1 47.0 70.4

Instrument :
BNA_F
ClientSampleId :
PB85617BS

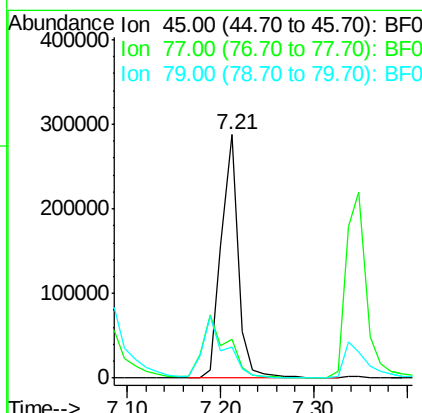
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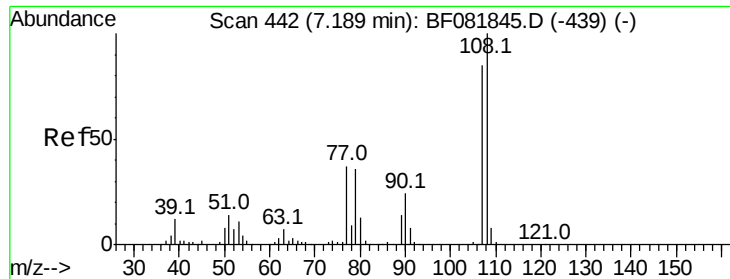
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.33 ng
RT: 7.21 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion: 45 Resp: 367813
Ion Ratio Lower Upper
45 100
77 15.7 0.0 28.1
79 12.9 0.0 26.0





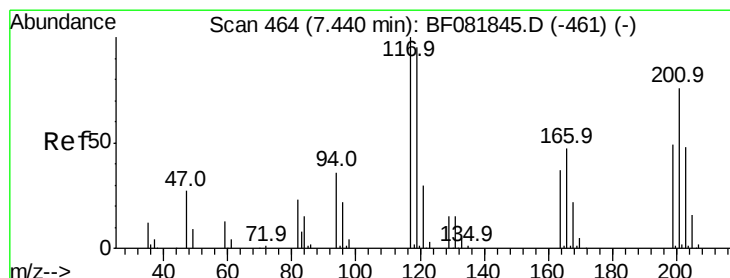
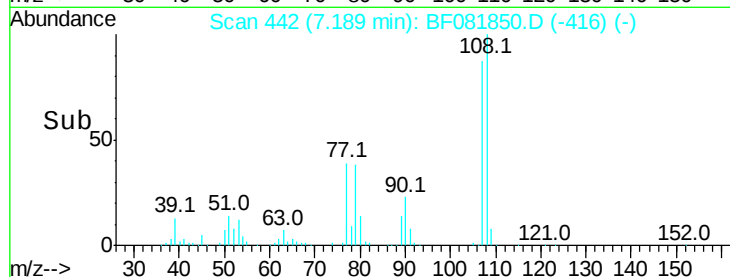
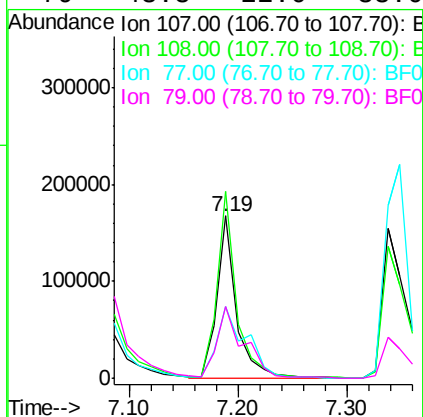
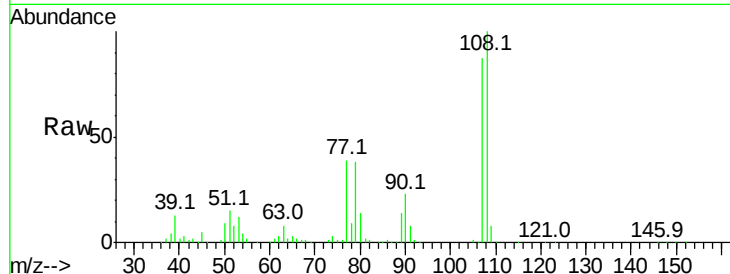
#17
2-Methylphenol
Concen: 43.94 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	206257		
108	114.9	96.6	145.0	
77	44.3	23.3	34.9#	
79	43.8	22.0	33.0#	

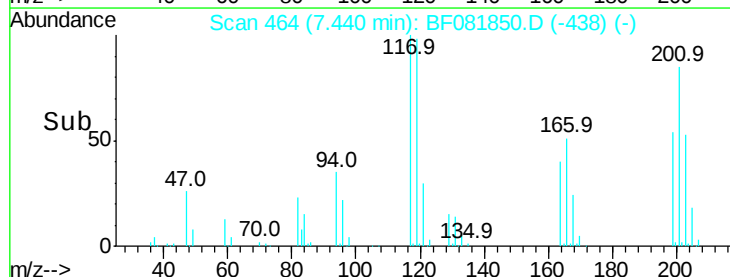
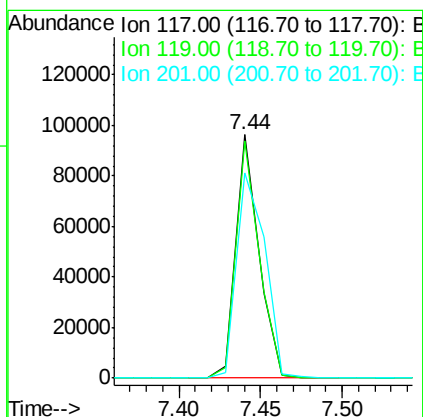
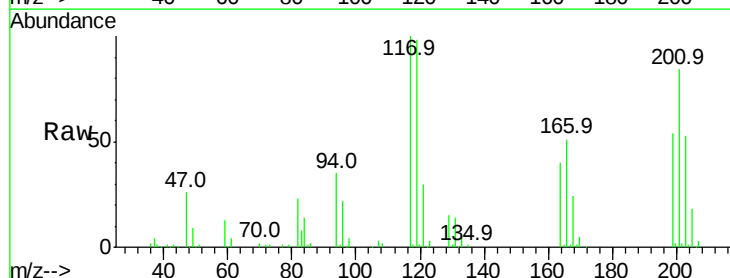
Manual Integrations
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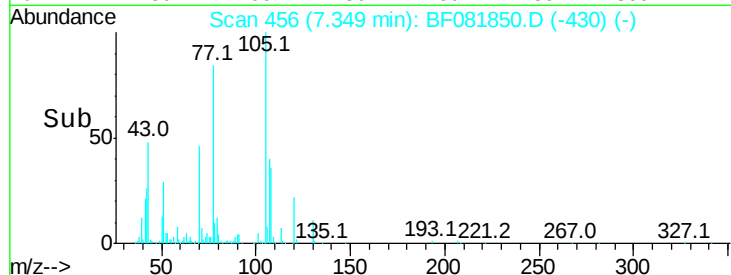
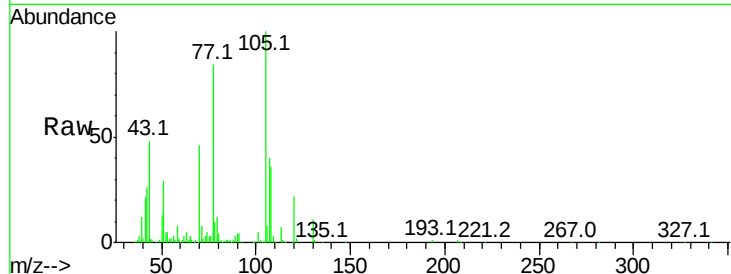
MMDadoda
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#18
Hexachloroethane
Concen: 41.84 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	93537		
119	97.6	83.8	125.6	
201	84.3	55.1	82.7#	





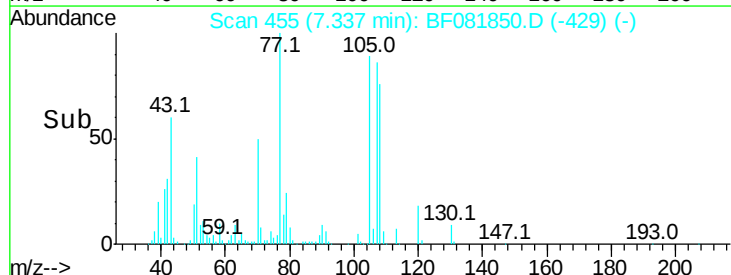
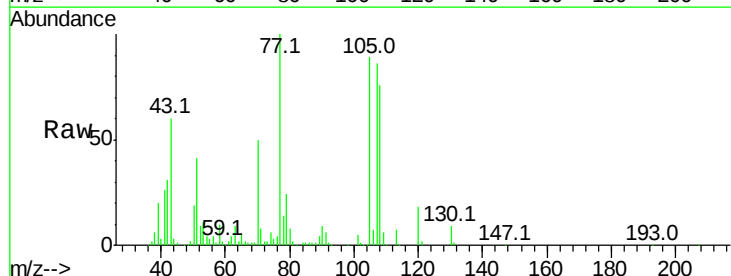
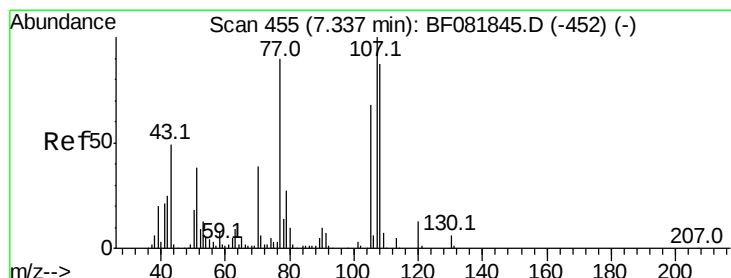
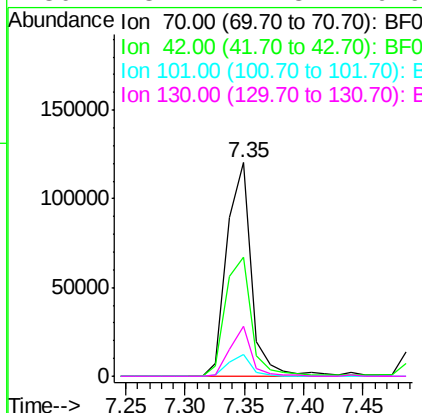
#19
n-Nitroso-di-n-propylamine
Concen: 43.04 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.9	63.8	95.6#
101	10.3	9.2	13.8
130	23.7	27.3	40.9#

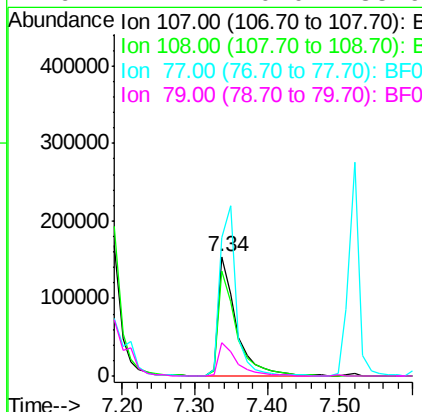
Manual Integrations
APPROVED

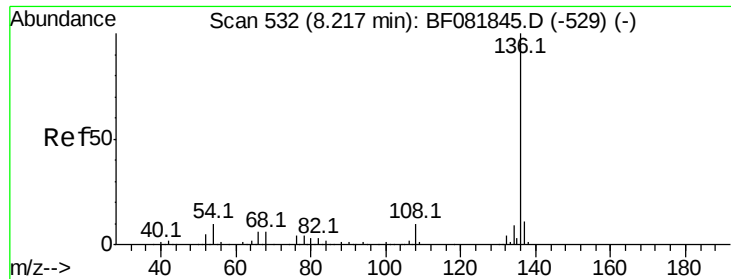
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#20
3+4-Methylphenols
Concen: 44.68 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	74.6	114.6
77	116.1	0.7	40.7#
79	27.7	0.0	38.9





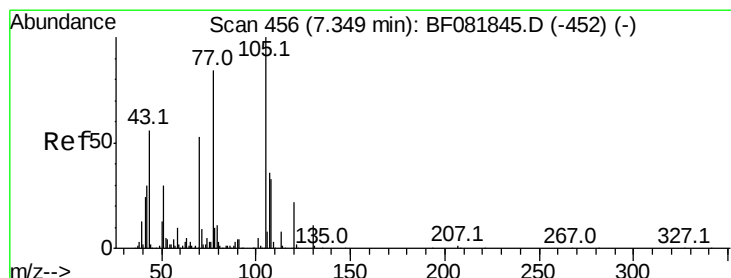
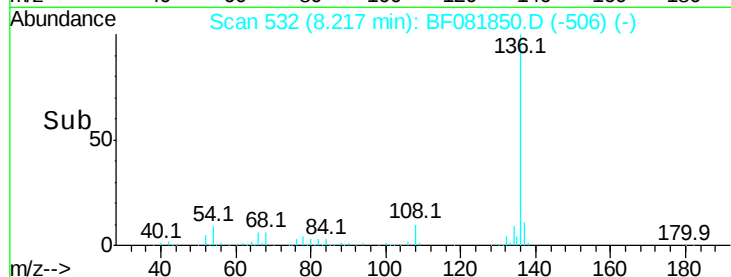
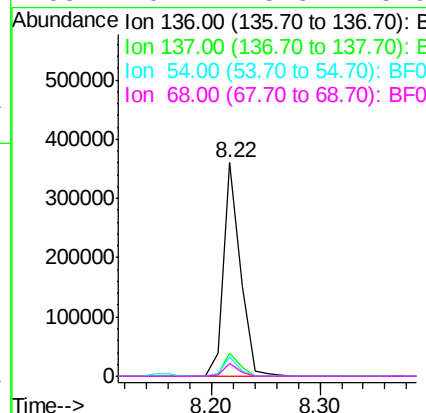
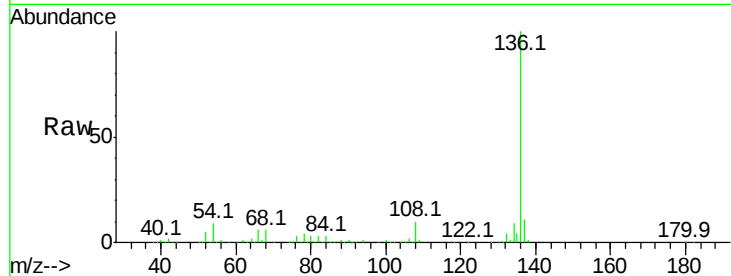
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.0	13.6	
54	9.1	8.2	12.2	
68	6.2	5.8	8.6	

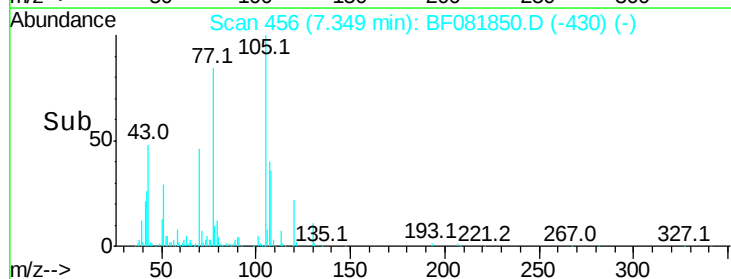
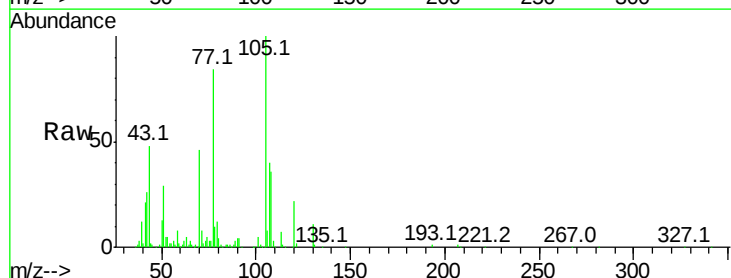
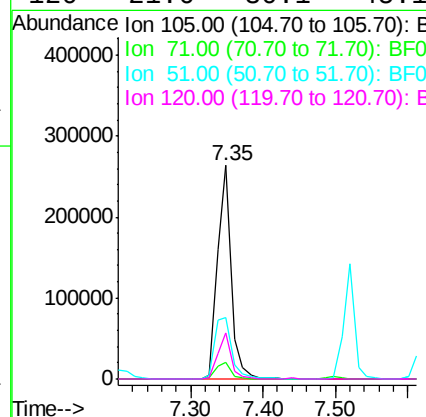
Manual Integrations
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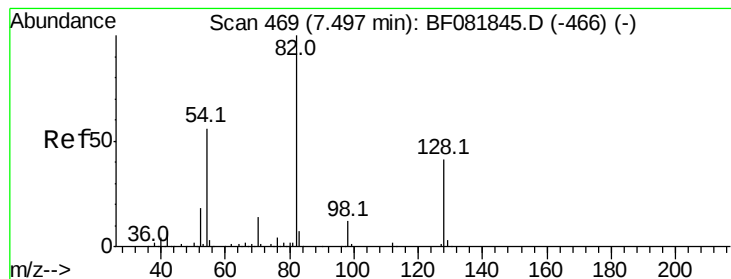
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#22
Acetophenone
Concen: 43.46 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.7	7.1#	
51	28.7	22.0	33.0	
120	21.6	30.1	45.1#	





#23

Nitrobenzene-d5

Concen: 83.13 ng

RT: 7.50 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

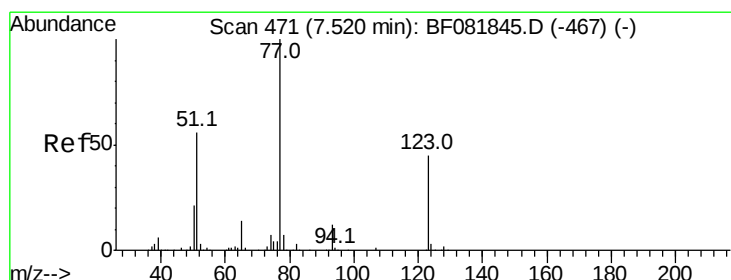
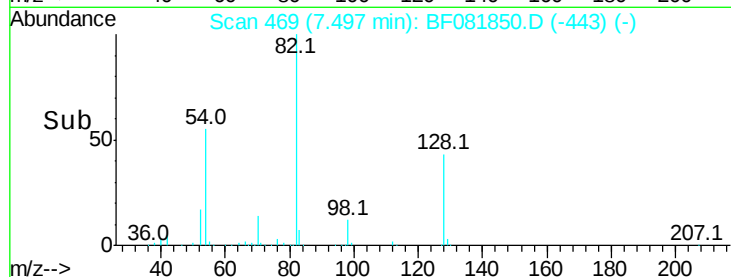
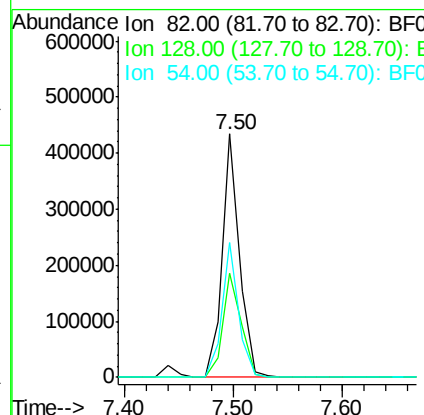
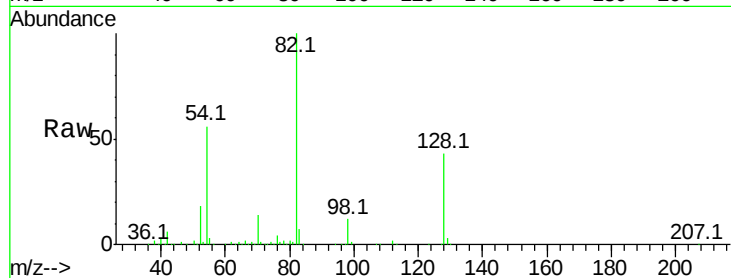
ClientSampled :

PB85617BS

Tot Ion	82	Resp	484626
Ion	Ratio	Lower	Upper
82	100		
128	42.6	51.0	76.6#
54	55.5	47.5	71.3

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#24

Nitrobenzene

Concen: 43.11 ng

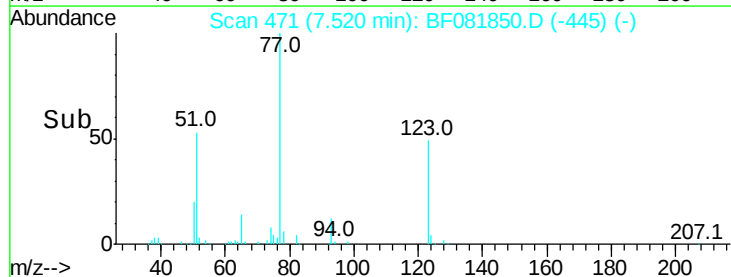
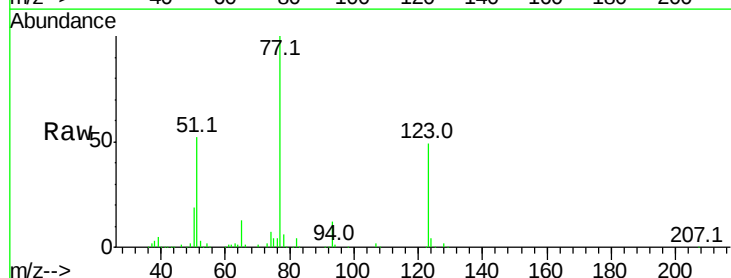
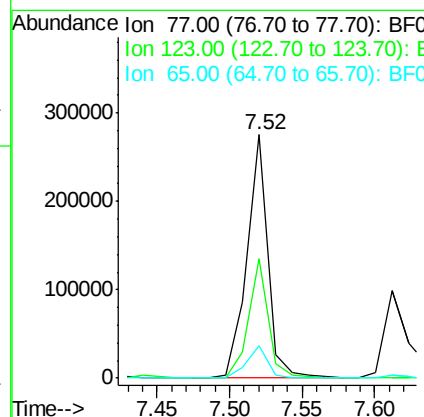
RT: 7.52 min Scan# 471

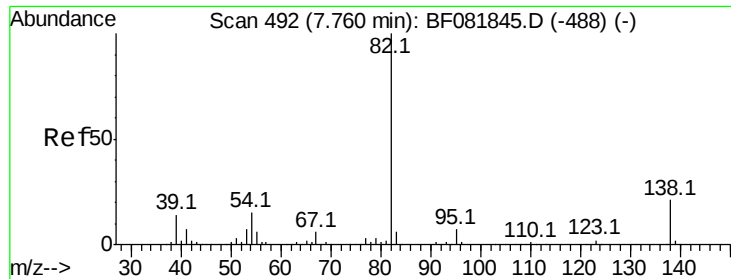
Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion	77	Resp	272913
Ion	Ratio	Lower	Upper
77	100		
123	49.1	59.8	89.8#
65	13.4	10.2	15.4





#25

Isophorone

Concen: 40.79 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

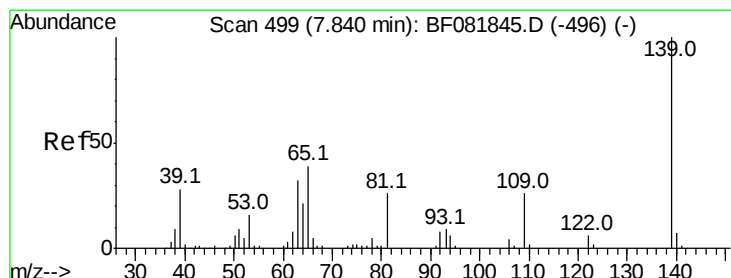
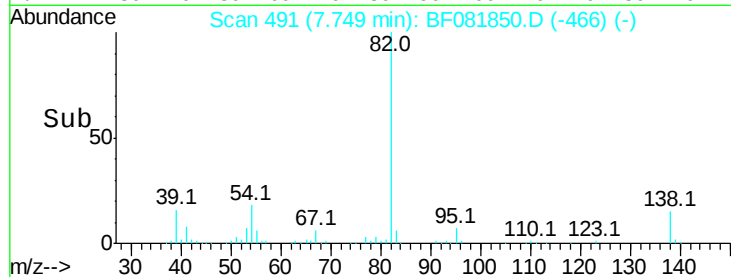
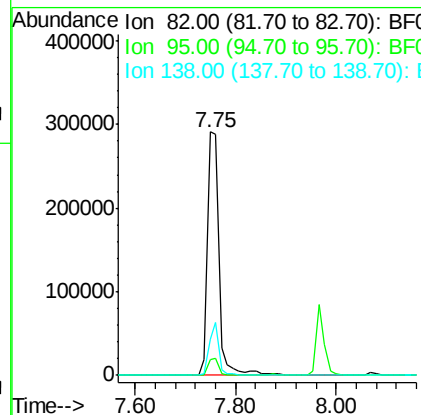
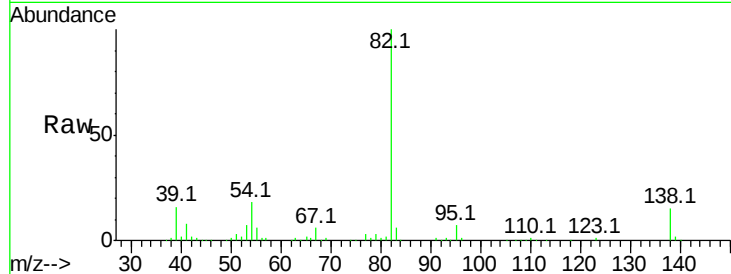
ClientSampleId :

PB85617BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.6	4.0	6.0#
138	15.0	18.3	27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.08 ng

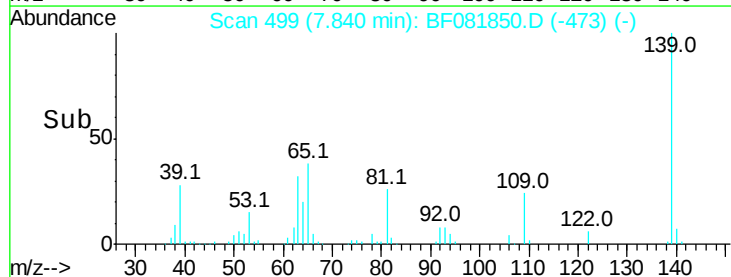
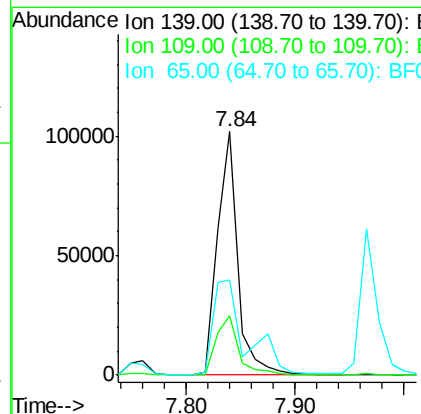
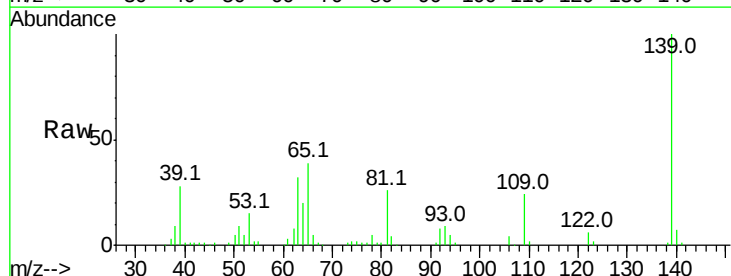
RT: 7.84 min Scan# 499

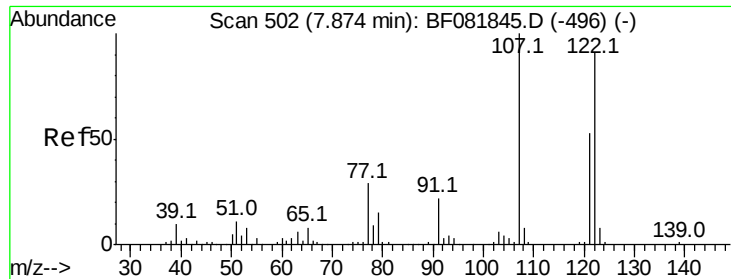
Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.3	11.0	16.4#
65	39.2	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 44.21 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

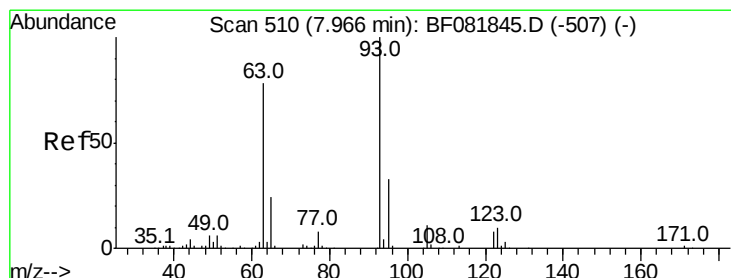
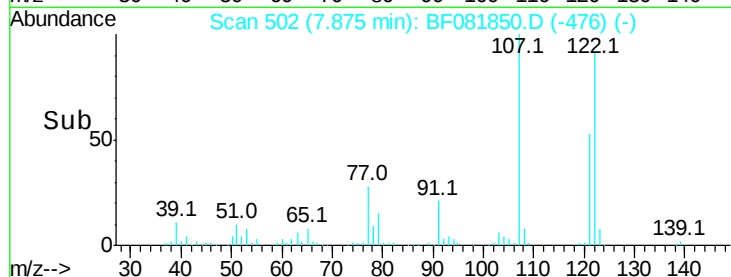
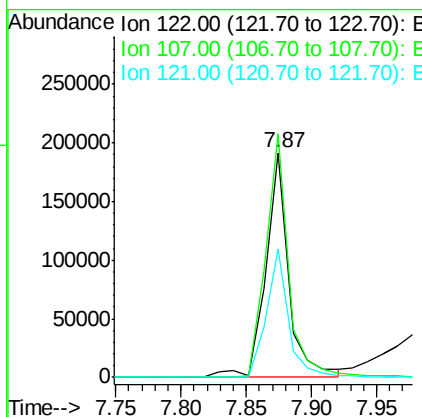
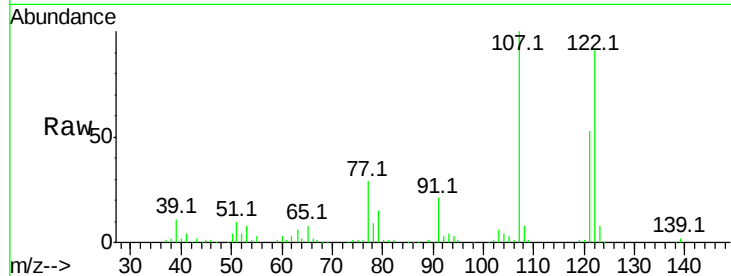
ClientSampleId :

PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	236338		
107	108.5	71.8	107.6#	
121	57.5	42.3	63.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 42.16 ng

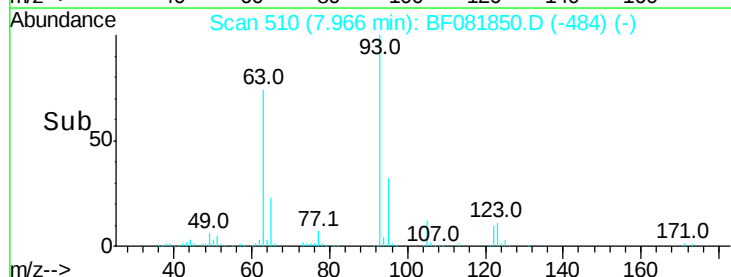
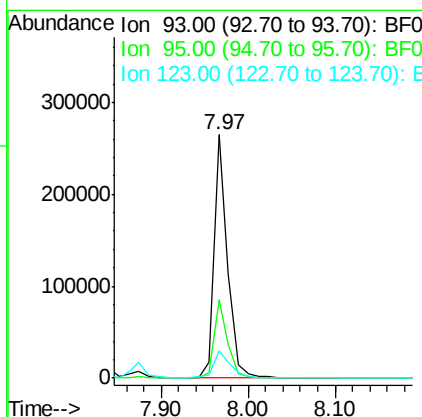
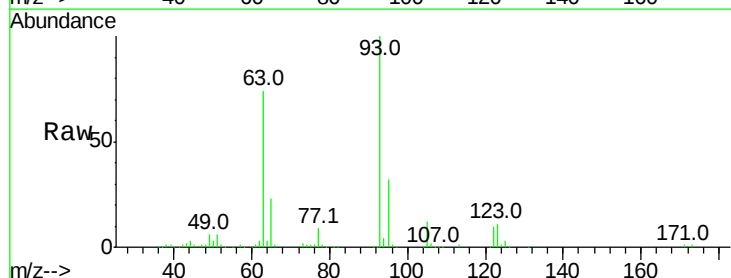
RT: 7.97 min Scan# 510

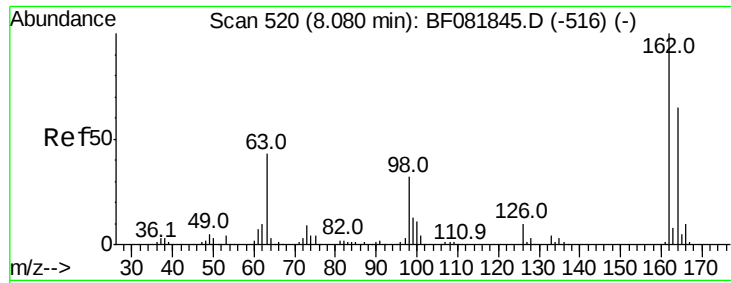
Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	289307		
95	32.1	27.5	41.3	
123	11.0	13.7	20.5#	





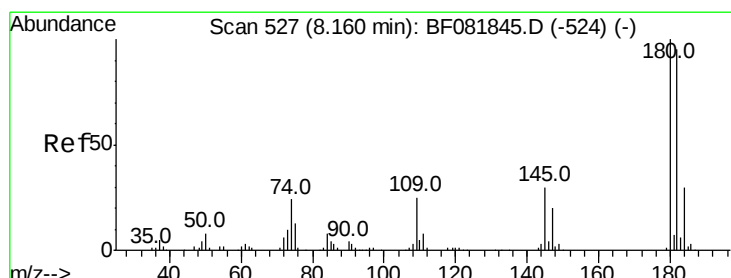
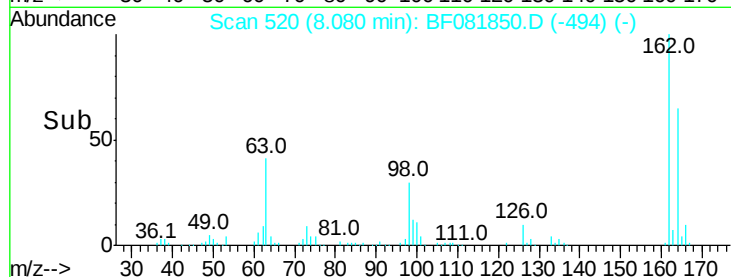
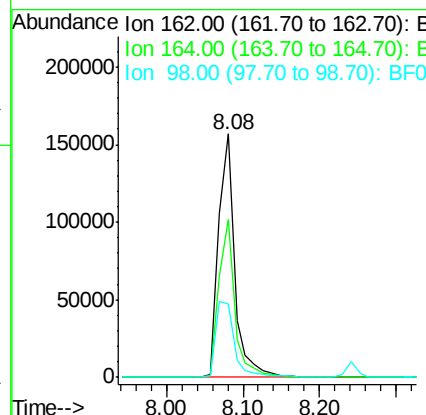
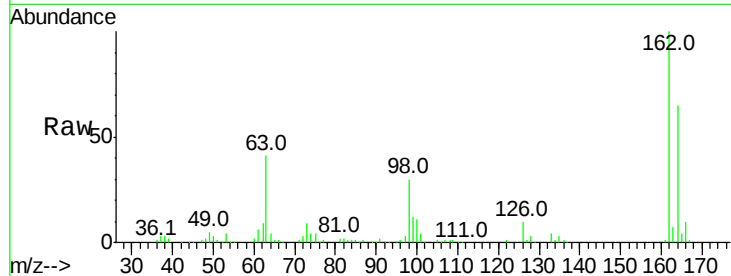
#29
 2,4-Dichlorophenol
 Concen: 44.48 ng
 RT: 8.08 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	230560		
164	64.7	44.9	84.9	
98	29.9	13.0	53.0	

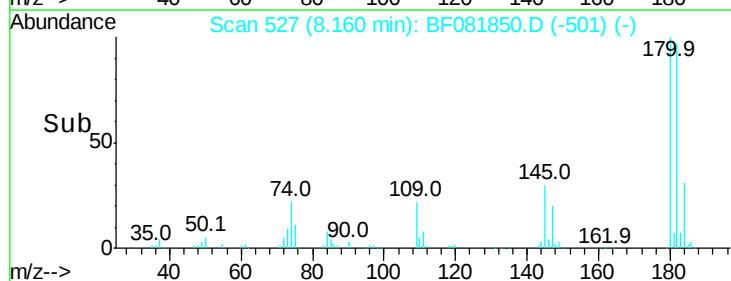
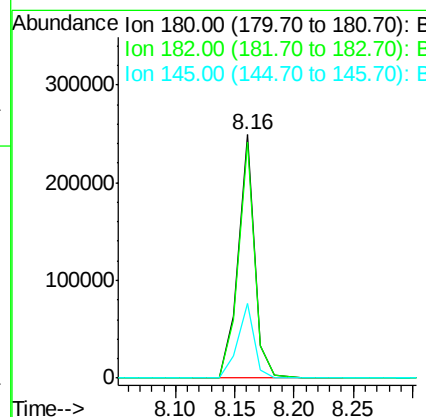
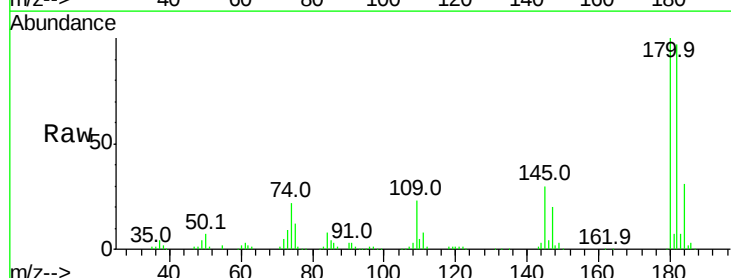
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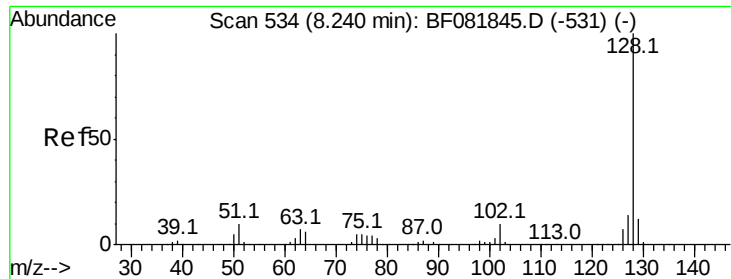
MMDadoda
 9/29/2015 12:10:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.82 ng
 RT: 8.16 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	242017		
182	97.1	77.1	115.7	
145	30.4	23.3	34.9	





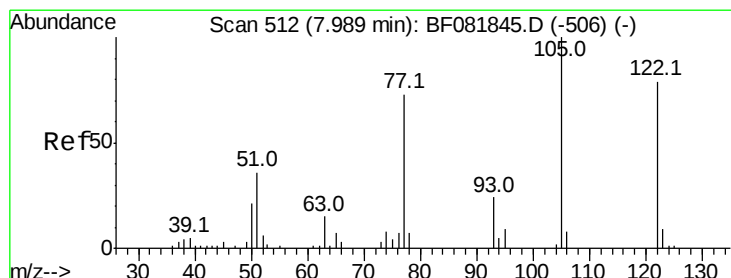
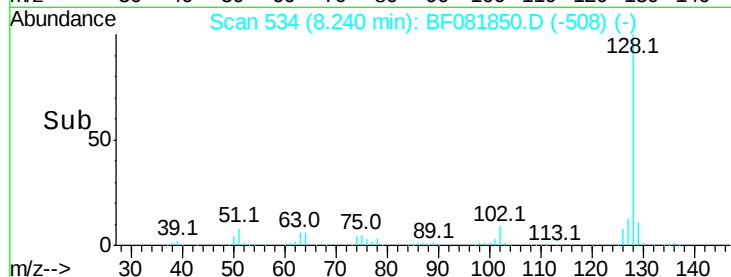
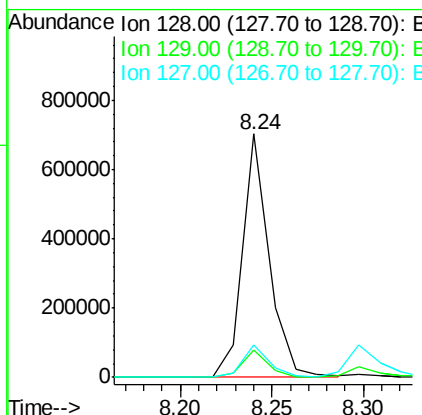
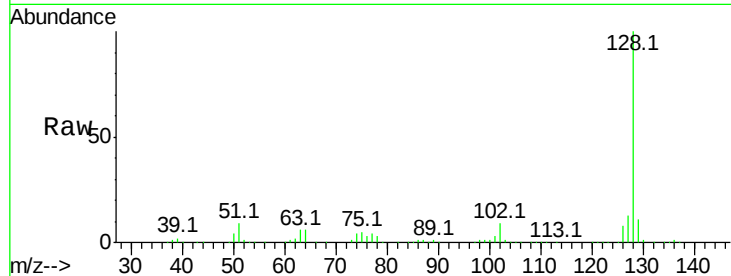
#31
Naphthalene
Concen: 41.36 ng/mL
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	712166		
129	11.4		8.4	12.6
127	13.5		9.9	14.9

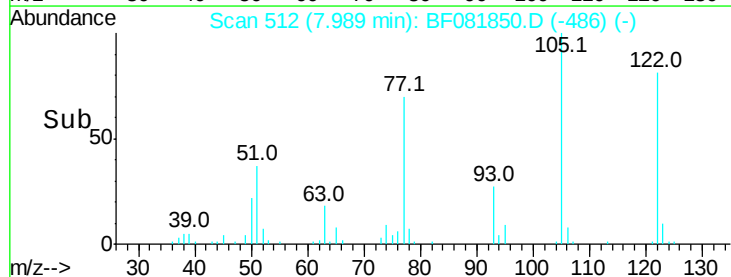
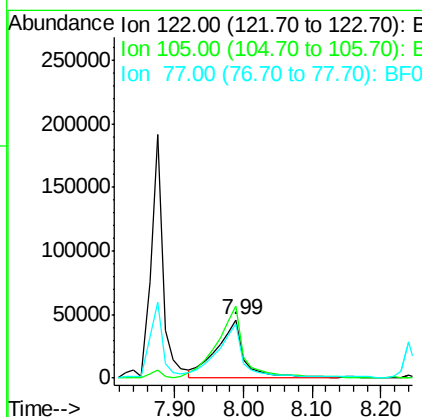
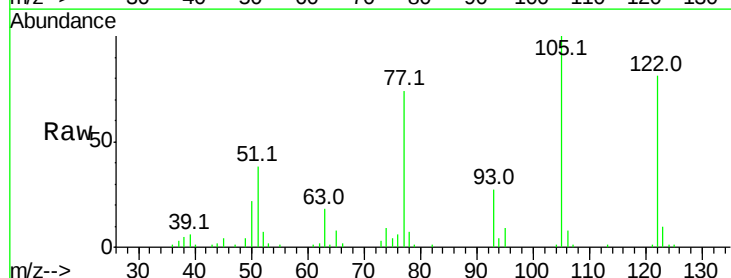
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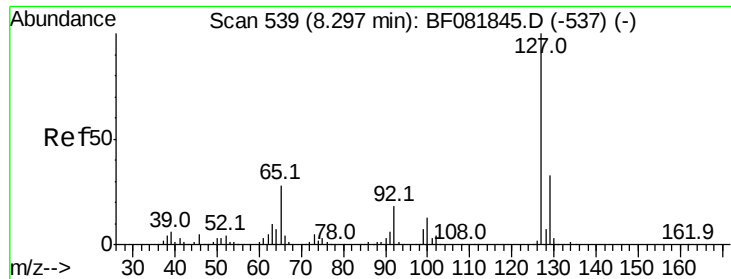
MMDadoda
9/29/2015 12:10:45 PM



#32
Benzoic acid
Concen: 40.64 ng/mL
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	125682		
105	123.2		76.1	116.1#
77	91.7		40.5	80.5#





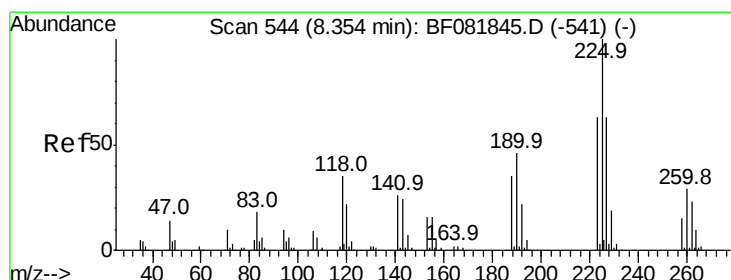
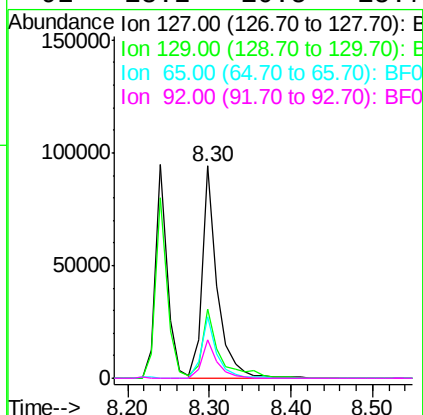
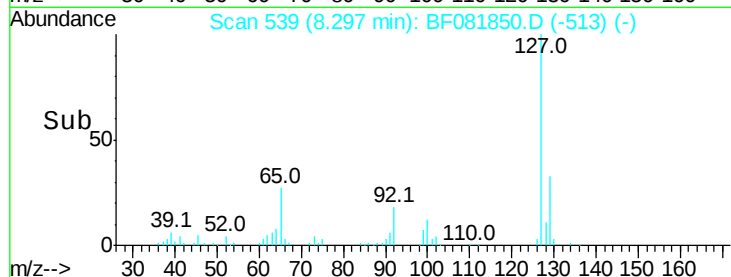
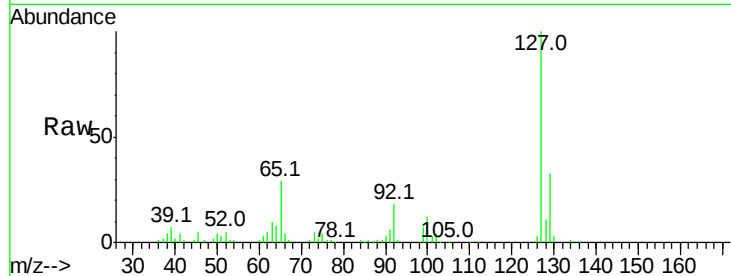
#33
4-Chloroaniline
Concen: 16.68 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.8	38.6	
65	28.7	17.9	26.9	
92	18.2	10.5	15.7	

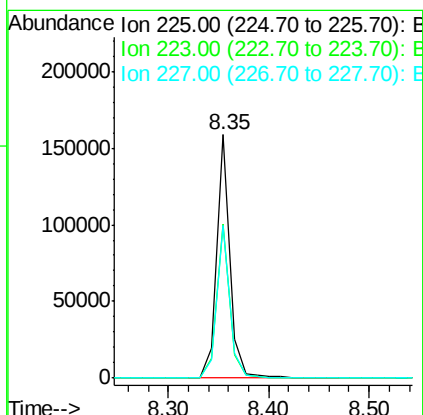
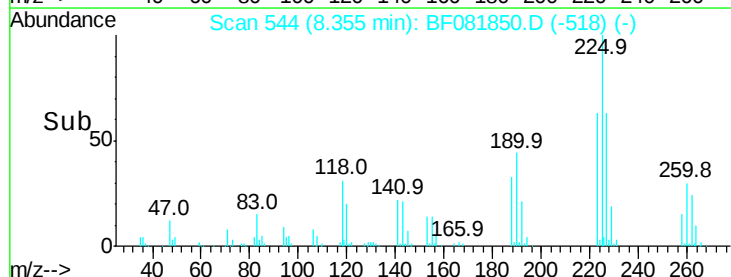
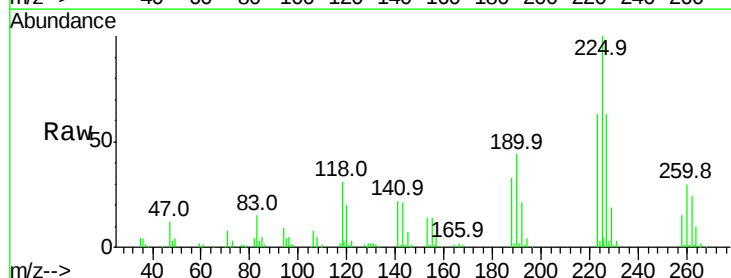
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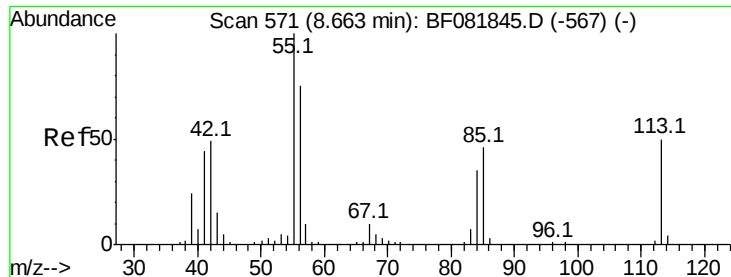
MMDadoda
9/29/2015 12:10:45 PM



#34
Hexachlorobutadiene
Concen: 42.24 ng
RT: 8.35 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.2	75.2	
227	62.6	52.2	78.2	





#35

Caprolactam

Concen: 46.62 ng

RT: 8.66 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

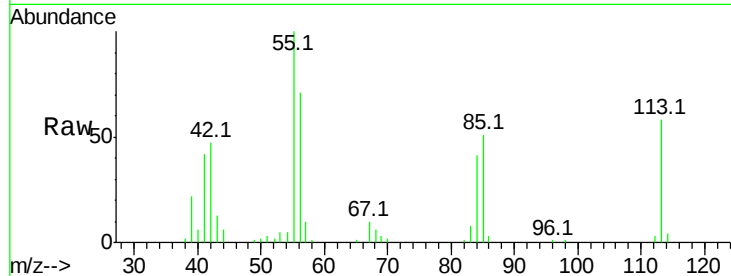
ClientSampleId :

PB85617BS

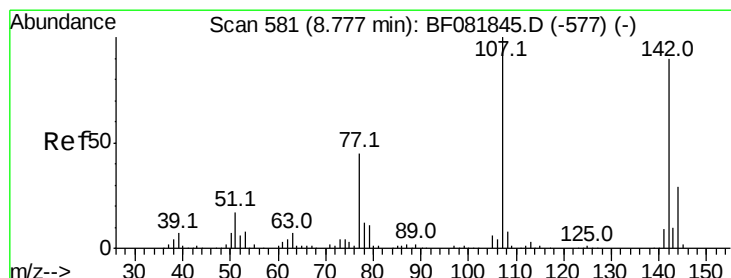
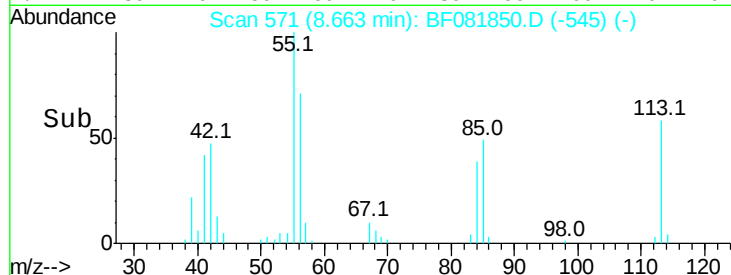
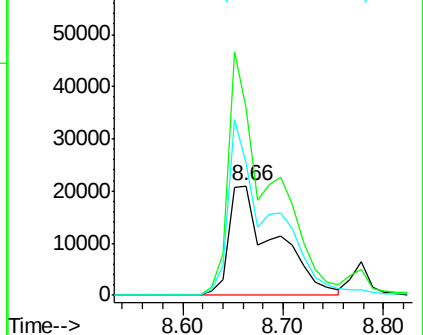
Tot Ion:113 Resp: 66893
 Ion Ratio Lower Upper
 113 100
 55 171.0 152.4 192.4
 56 121.5 104.6 144.6

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Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.53 ng

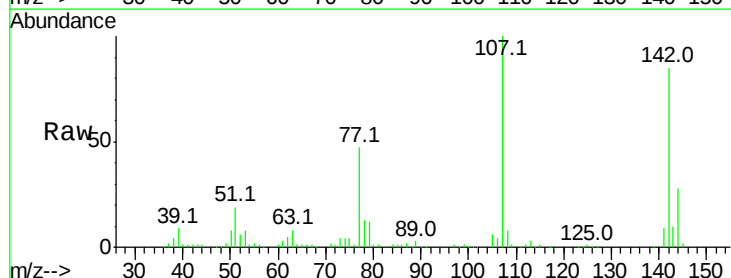
RT: 8.78 min Scan# 581

Delta R.T. 0.00 min

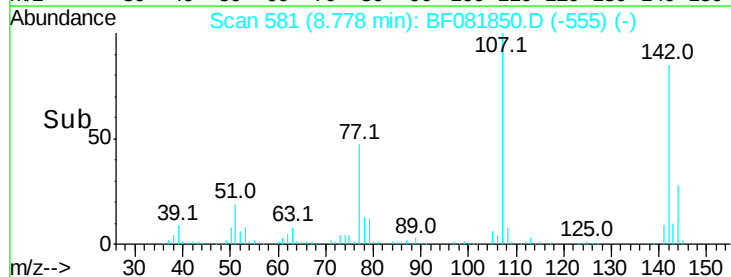
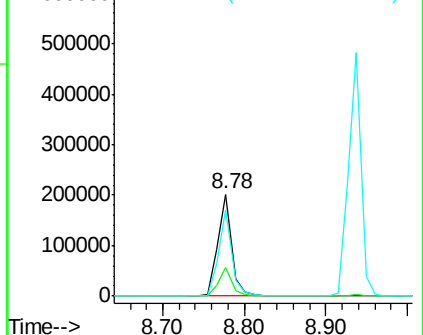
Lab File: BF081850.D

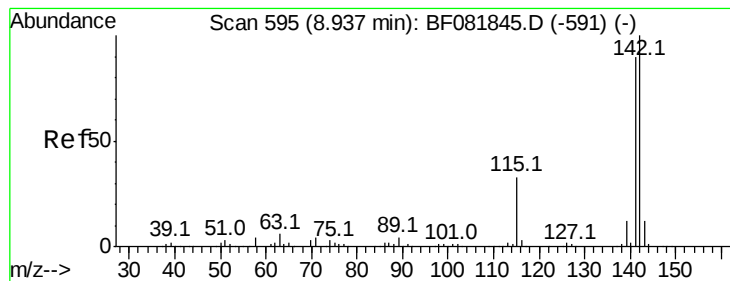
Acq: 28 Sep 2015 18:42

Tgt Ion:107 Resp: 240898
 Ion Ratio Lower Upper
 107 100
 144 27.6 25.4 38.0
 142 84.9 77.3 115.9



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





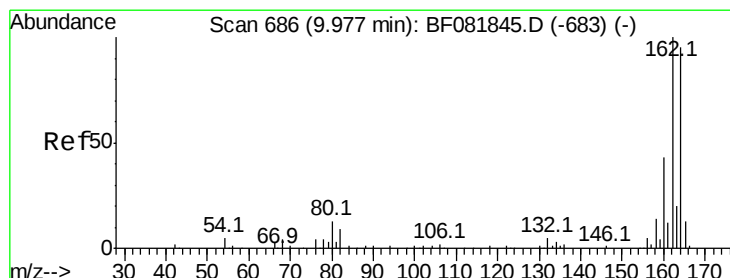
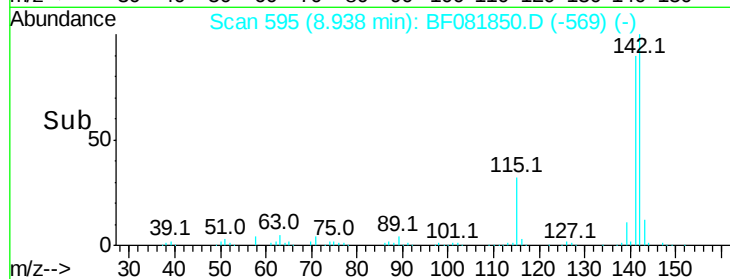
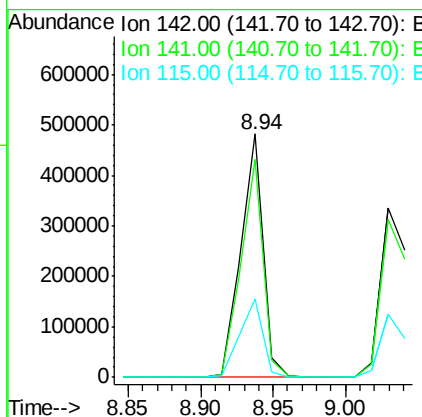
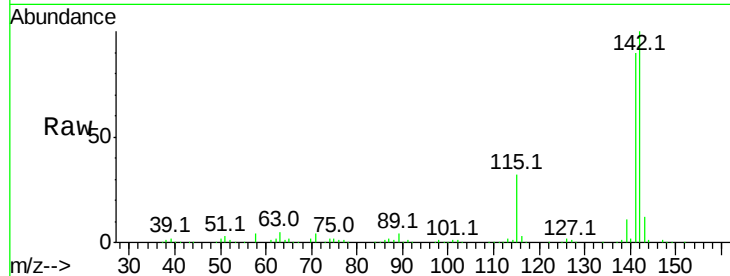
#37
 2-Methylnaphthalene
 Concen: 43.84 ng
 RT: 8.94 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	67.5	101.3
115	32.3	18.2	27.2

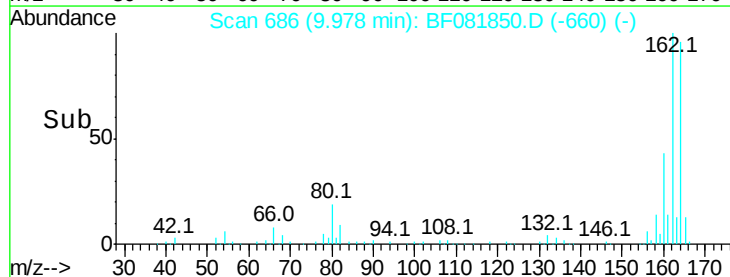
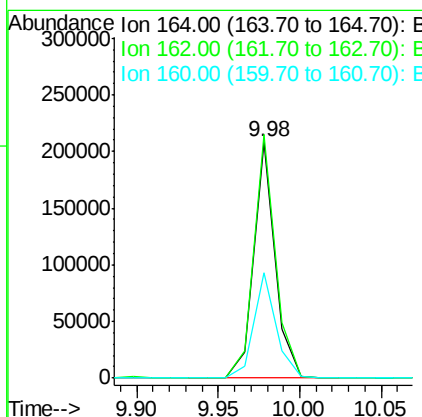
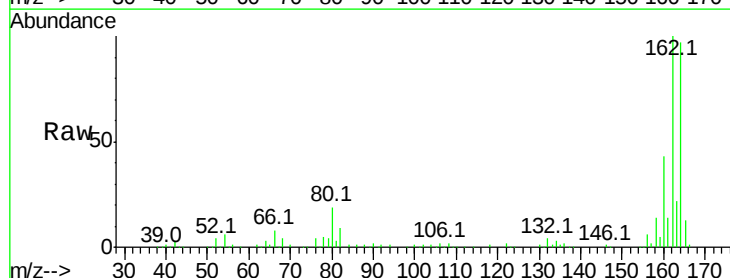
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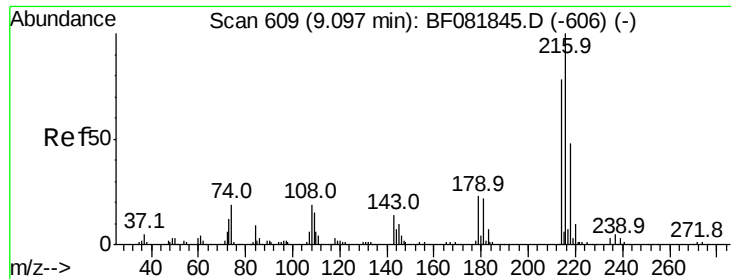
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	75.2	112.8
160	44.7	31.5	47.3





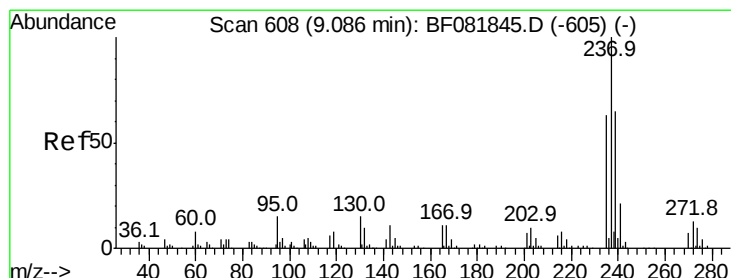
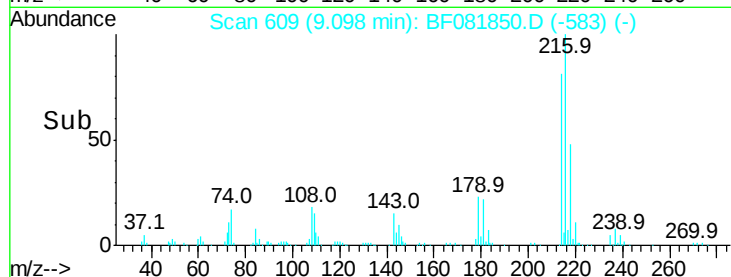
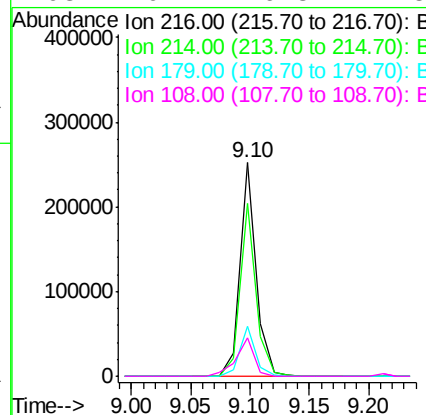
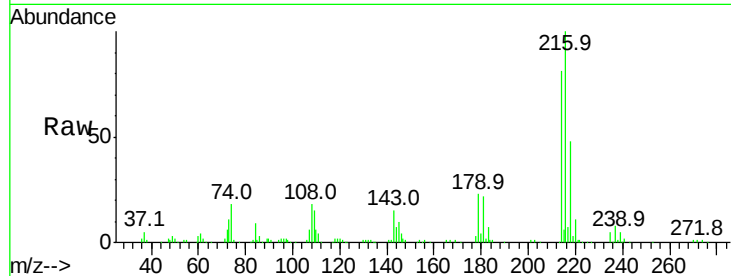
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.19 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	239546		
214	79.8	63.5	95.3	
179	22.0	16.6	24.8	
108	20.4	16.3	24.5	

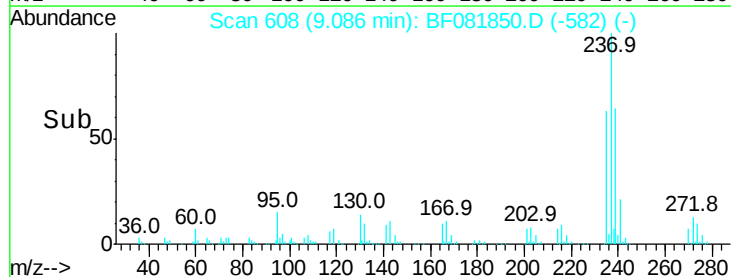
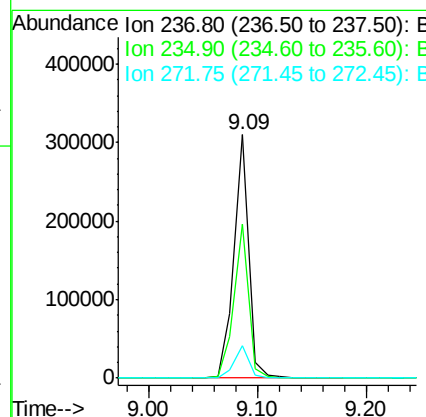
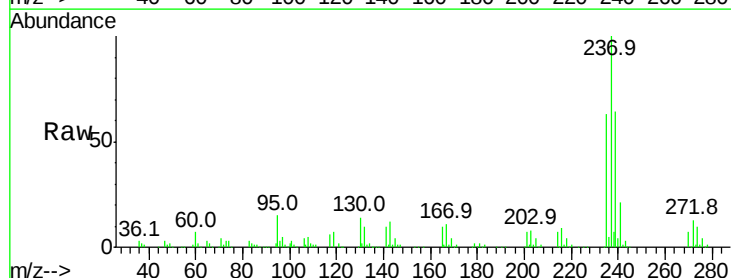
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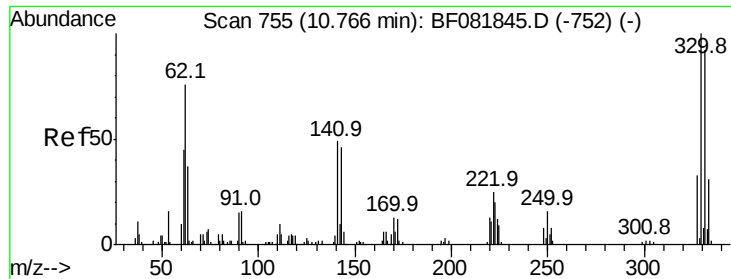
MMDadoda
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#40
 Hexachlorocyclopentadiene
 Concen: 96.58 ng
 RT: 9.09 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	289258		
235	63.5	42.0	82.0	
272	13.1	0.0	36.1	





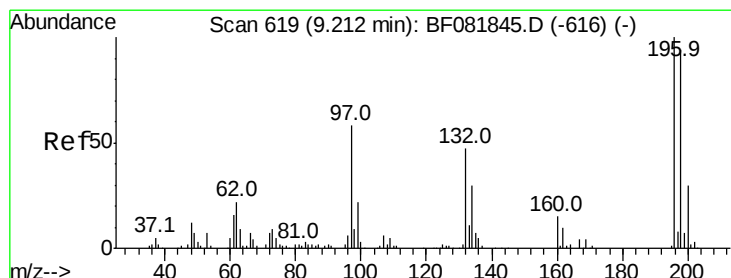
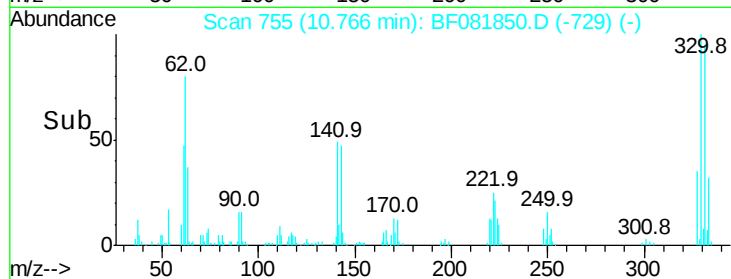
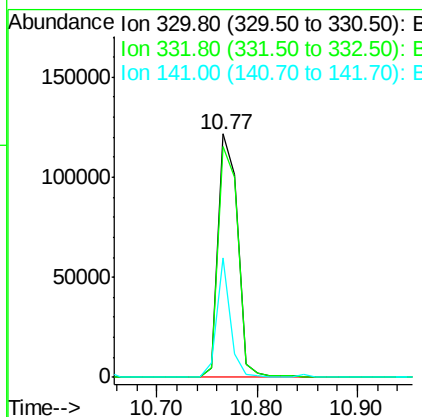
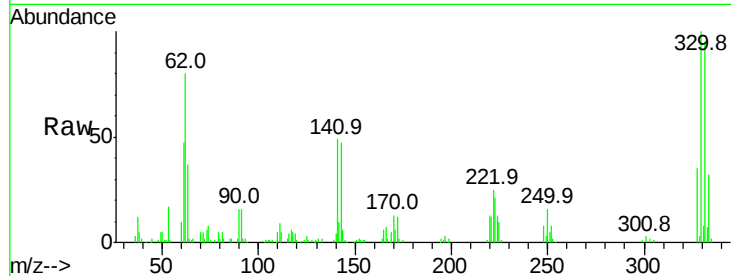
#41
 2,4,6-Tribromophenol
 Concen: 85.44 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	163918		
332	96.9	76.6	114.8	
141	33.8	29.7	44.5	

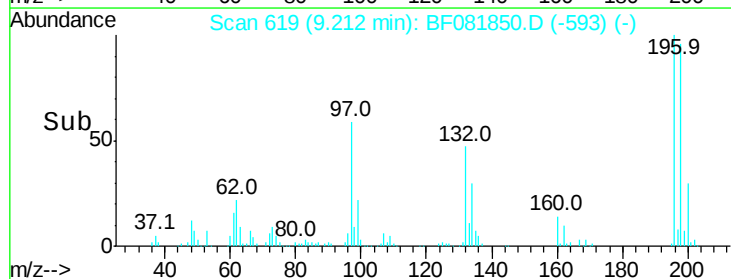
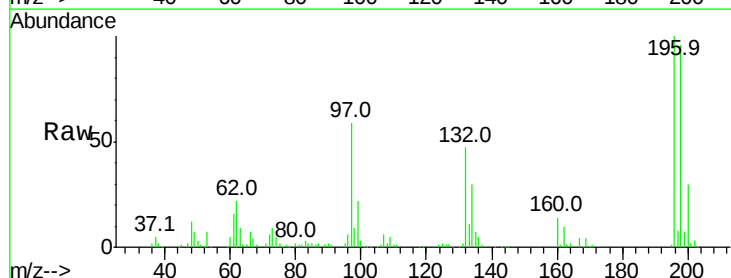
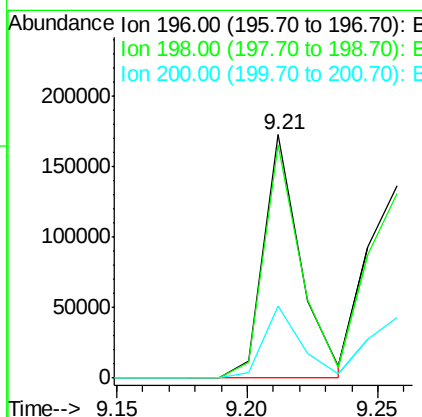
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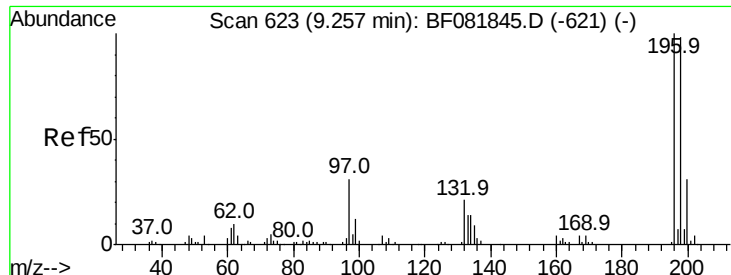
MMDadoda
 9/29/2015 12:10:45 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.53 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169564		
198	95.7	75.7	113.5	
200	29.6	23.9	35.9	





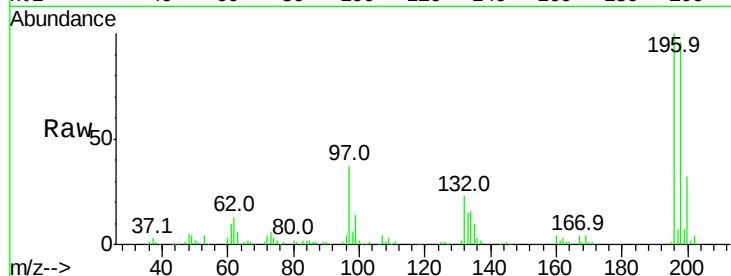
#43
 2,4,5-Trichlorophenol
 Concen: 44.49 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	182406		
198	96.2	75.4	113.0	
97	36.8	33.3	49.9	
132	23.3	24.6	37.0	

Manual Integrations
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MMDadoda
 9/29/2015 12:10:45 PM



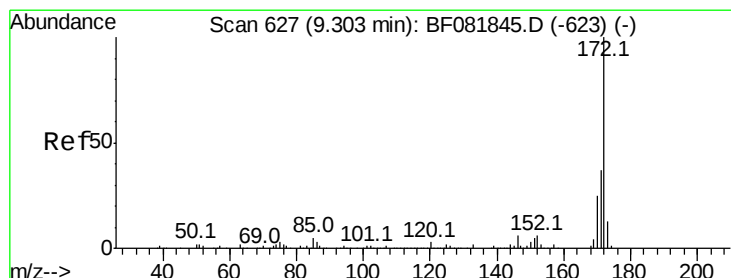
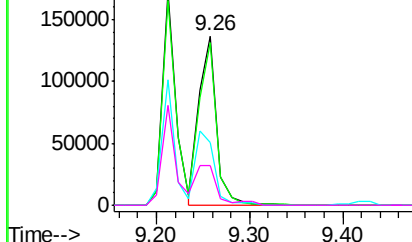
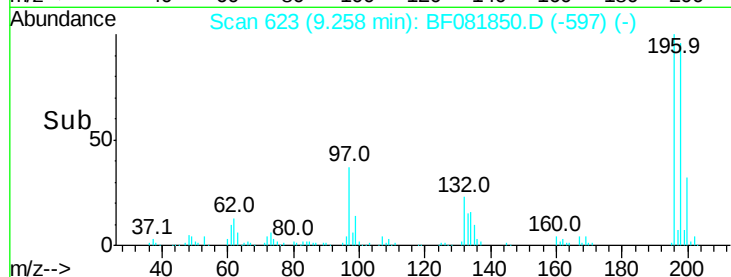
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

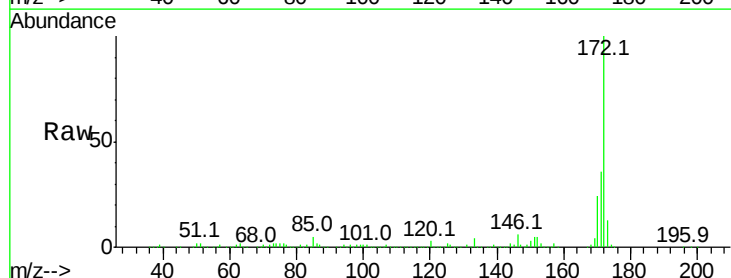
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1008612		
171	36.0	26.1	39.1	
170	24.5	17.4	26.2	

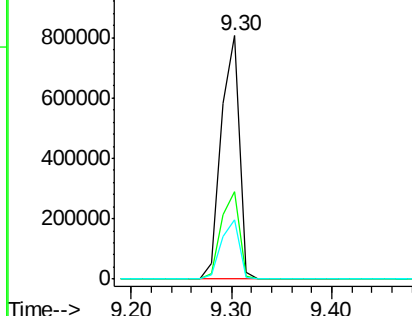
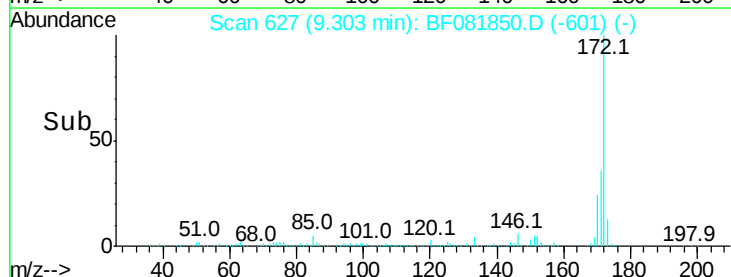


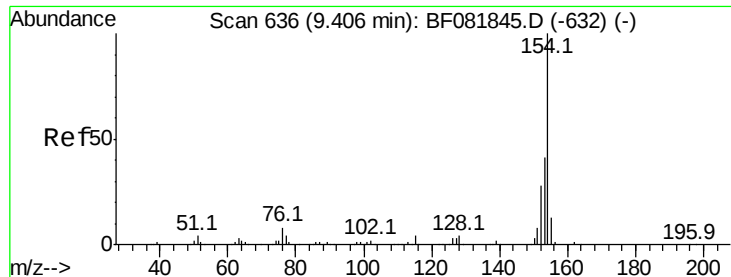
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.34 ng

RT: 9.39 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

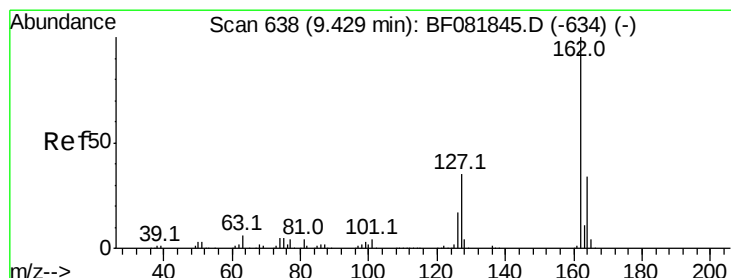
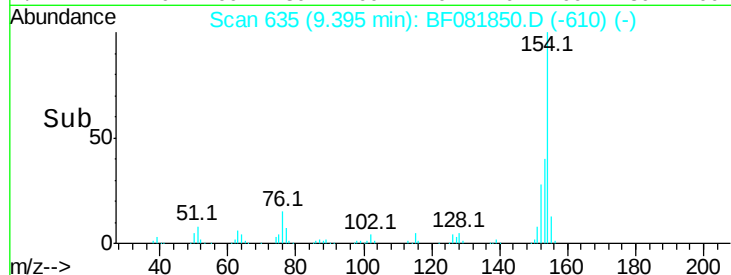
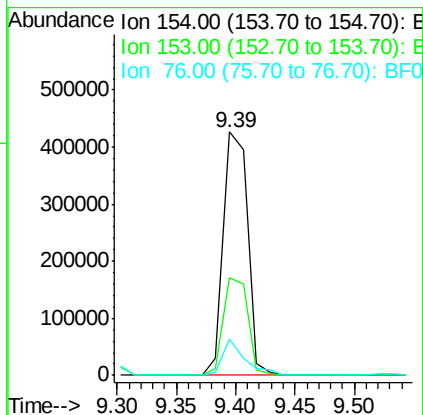
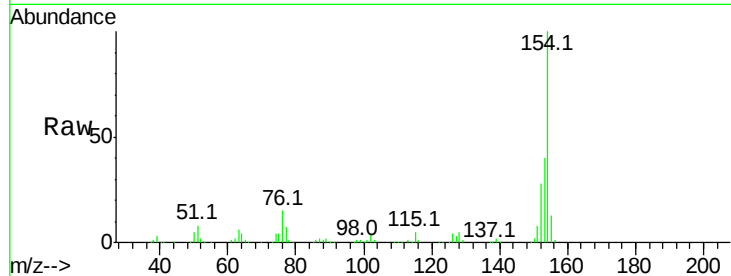
ClientSampleId :

PB85617BS

Tot Ion:	154	Resp:	604239
Ion Ratio	Lower	Upper	
154	100		
153	40.0	17.1	57.1
76	14.7	0.0	31.6

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#46

2-Chloronaphthalene

Concen: 43.49 ng

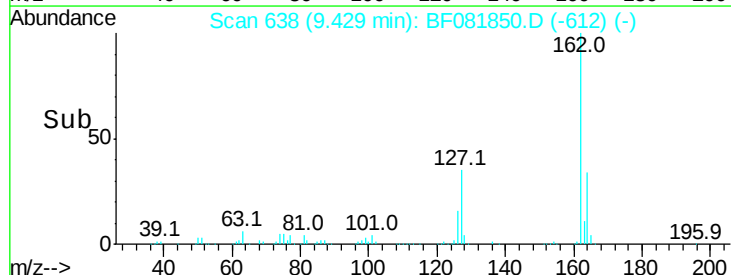
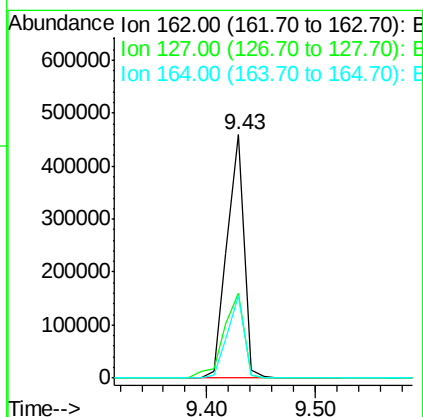
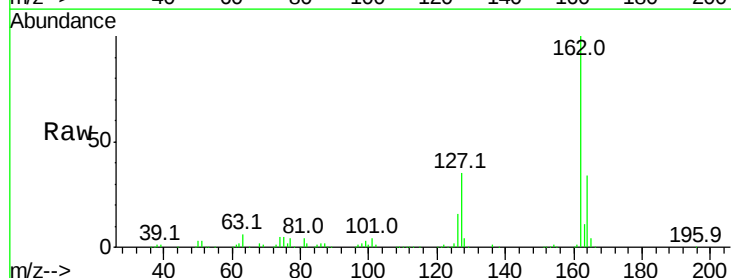
RT: 9.43 min Scan# 638

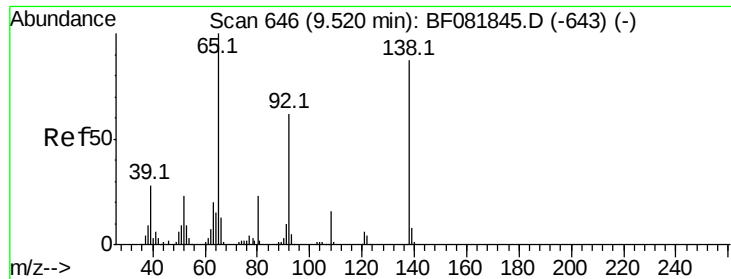
Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion:	162	Resp:	499122
Ion Ratio	Lower	Upper	
162	100		
127	34.6	27.6	41.4
164	33.7	25.4	38.2





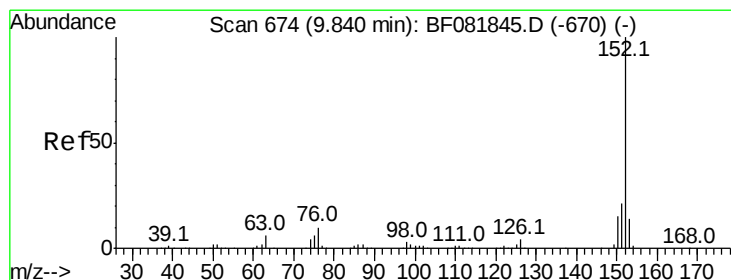
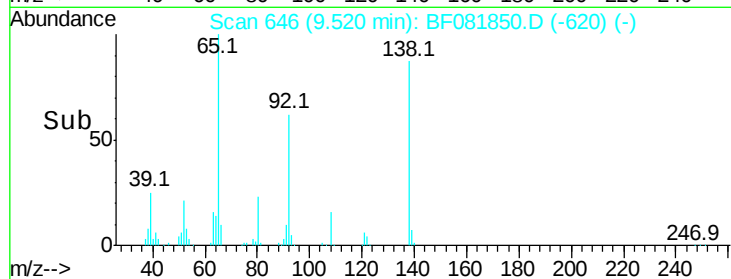
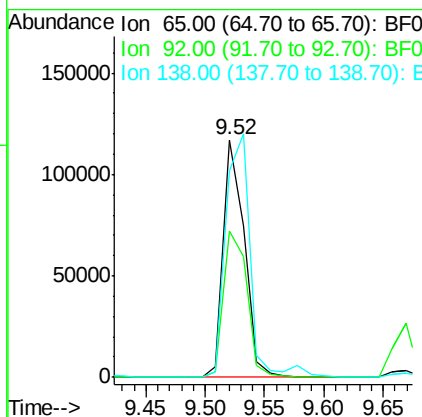
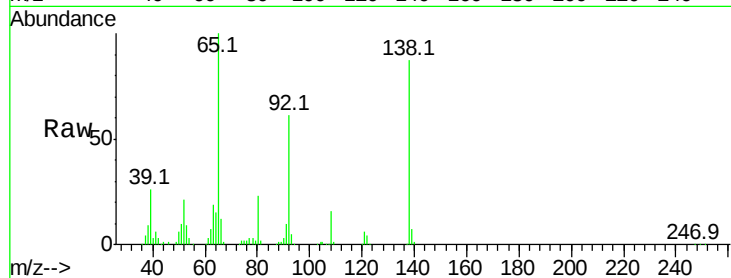
#47
2-Nitroaniline
Concen: 42.55 ng
RT: 9.52 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.4	55.4	83.0
138	86.7	115.5	173.3

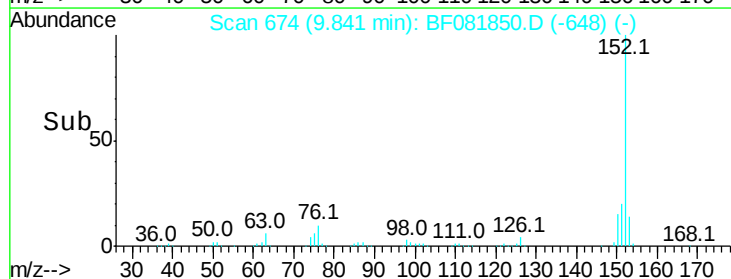
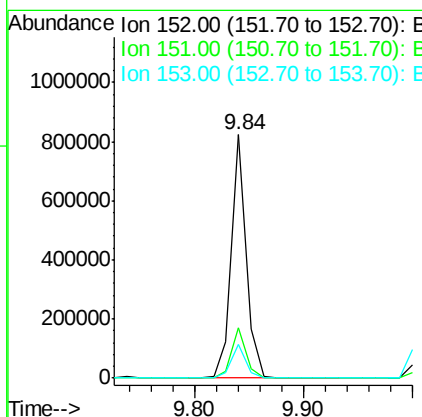
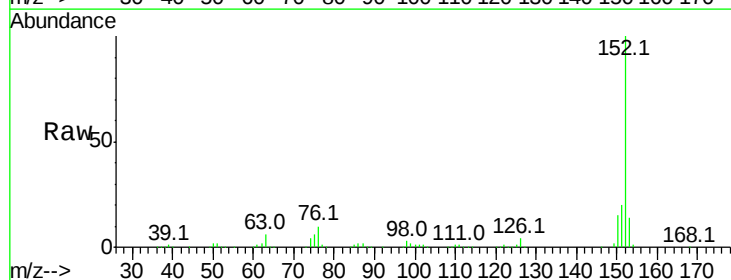
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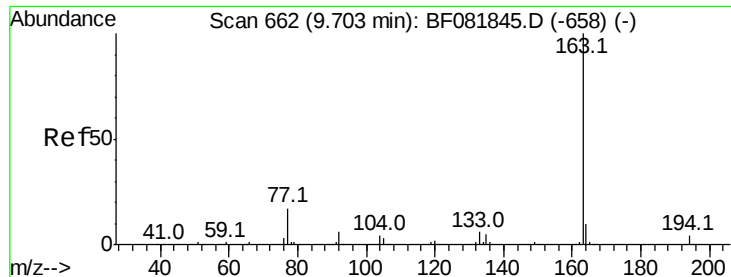
MMDadoda
9/29/2015 12:10:45 PM



#48
Acenaphthylene
Concen: 42.09 ng
RT: 9.84 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	14.6	22.0
153	13.6	10.3	15.5





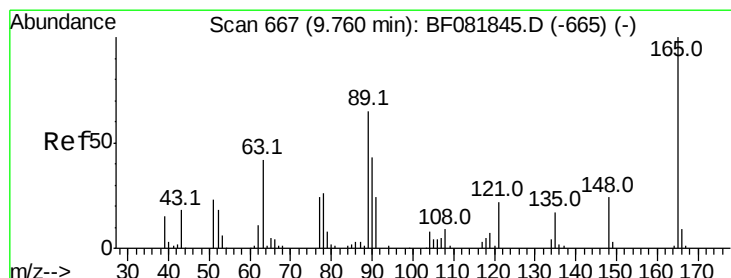
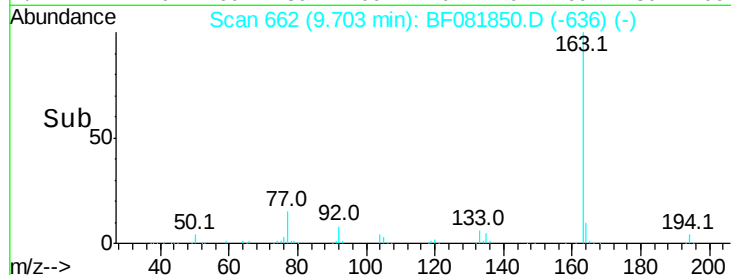
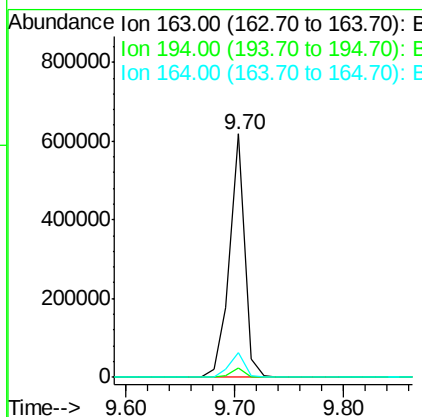
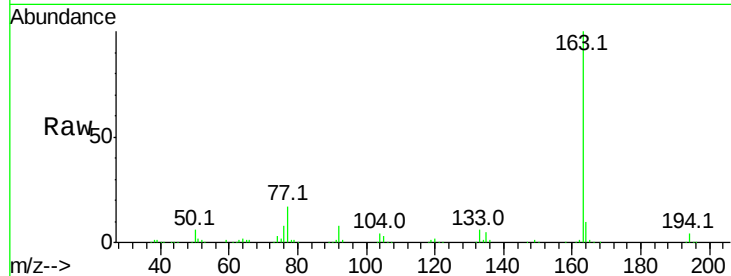
#49
Dimethylphthalate
Concen: 45.77 ng
RT: 9.70 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	598496		
194	3.7		4.4	6.6#
164	10.3		8.3	12.5

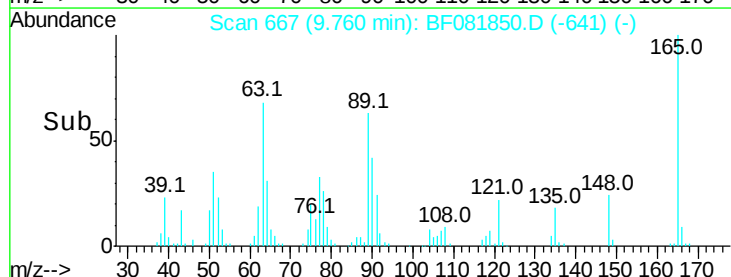
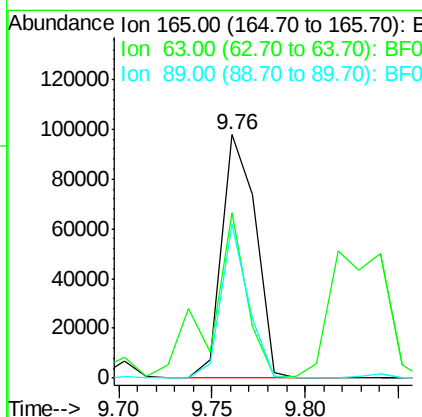
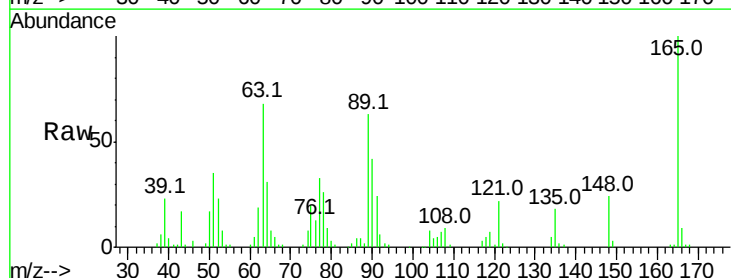
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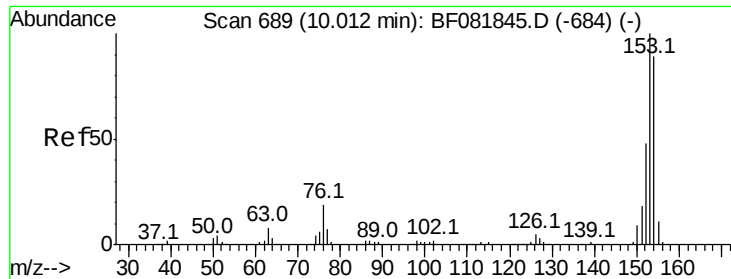
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 43.84 ng
RT: 9.76 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	124458		
63	67.9		32.3	48.5#
89	63.3		28.6	43.0#





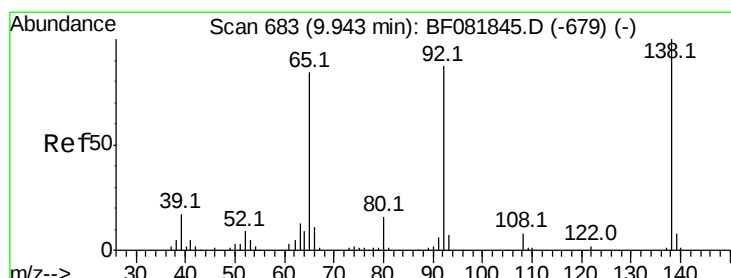
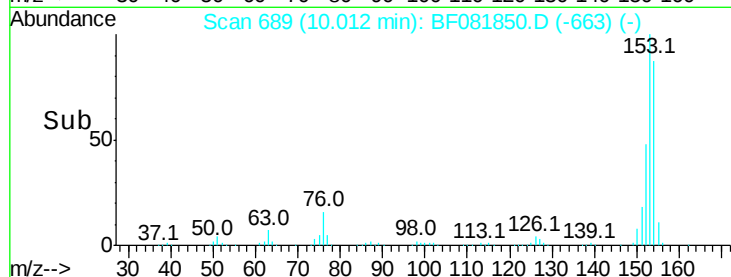
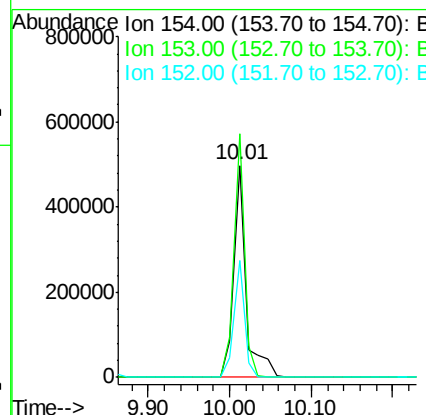
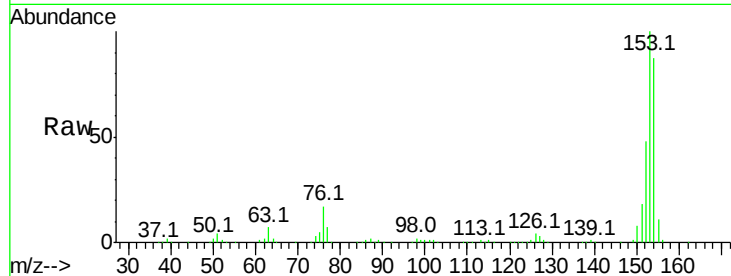
#51
Acenaphthene
Concen: 47.34 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.0	82.1	123.1
152	55.1	37.9	56.9

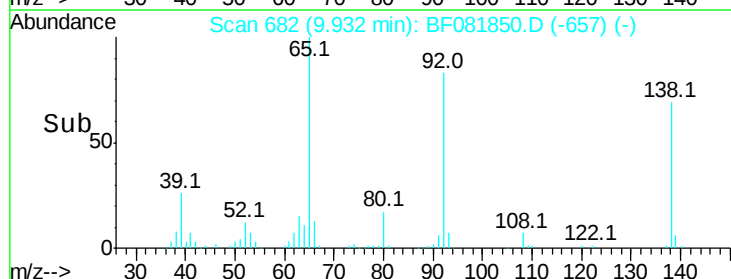
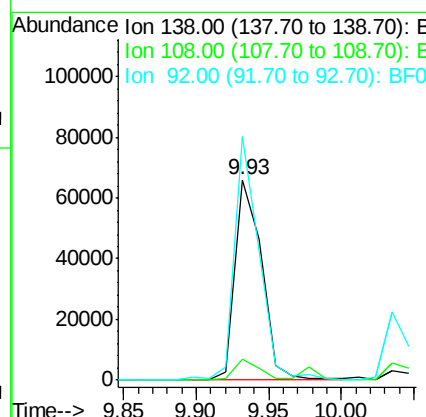
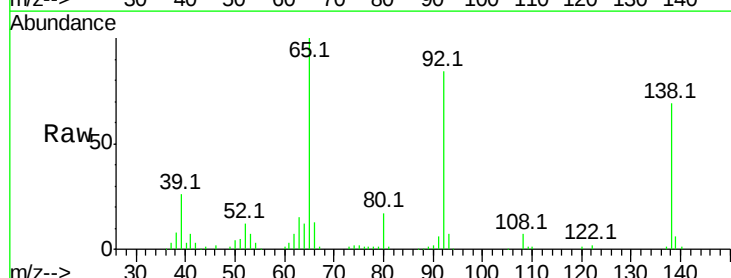
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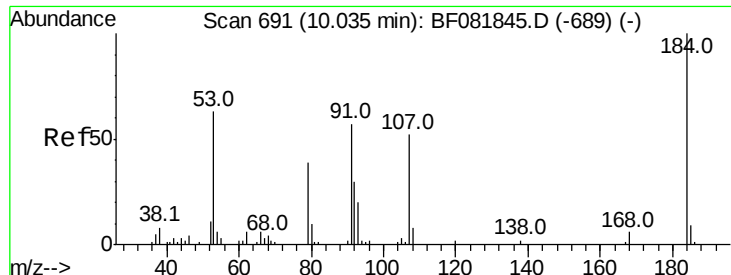
MMDadoda
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#52
3-Nitroaniline
Concen: 25.73 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	5.7	8.5#
92	121.5	67.7	101.5#





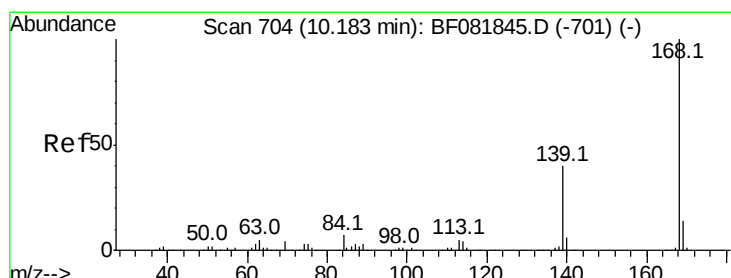
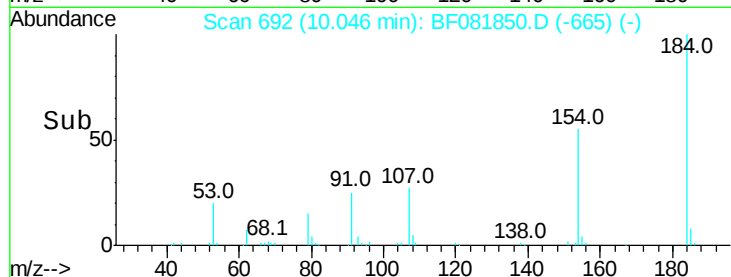
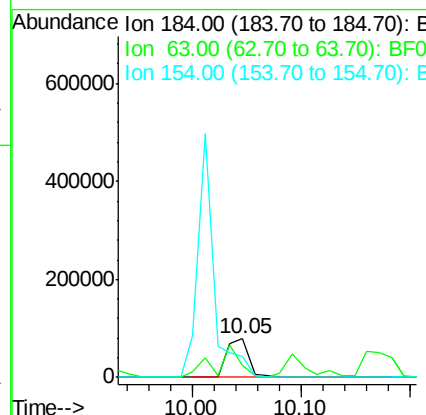
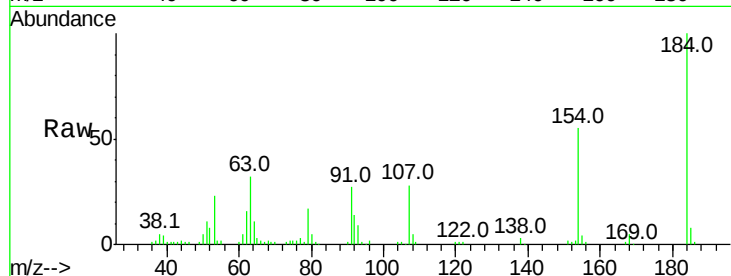
#53
 2,4-Dinitrophenol
 Concen: 79.54 ng
 RT: 10.05 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	32.5	35.4	53.2#	
154	55.4	32.2	48.4#	

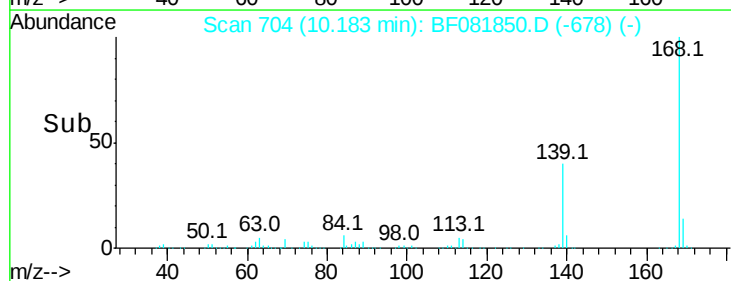
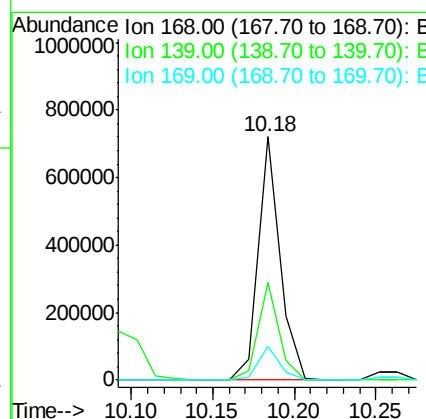
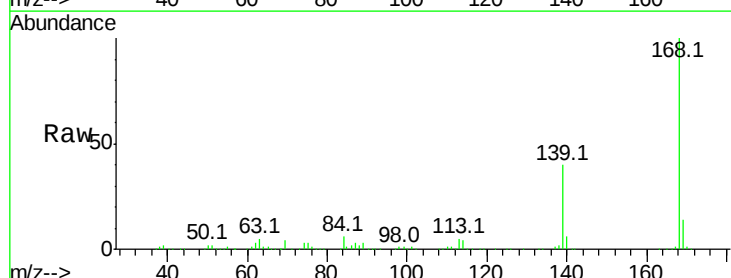
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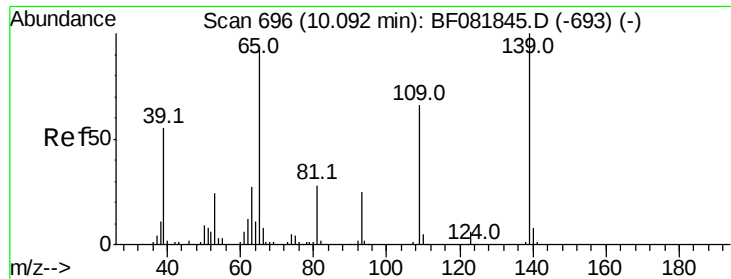
MMDadoda
 9/29/2015 12:10:45 PM



#54
 Dibenzofuran
 Concen: 43.69 ng
 RT: 10.18 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.9	24.2	36.2#	
169	14.0	10.6	15.8	





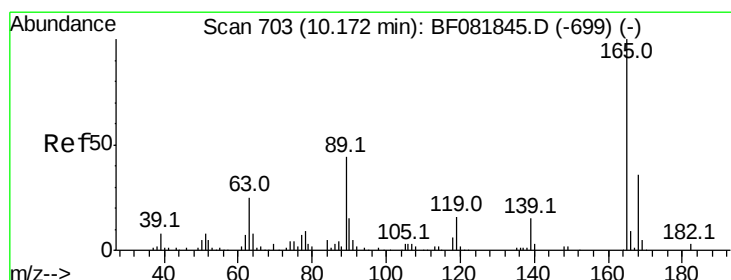
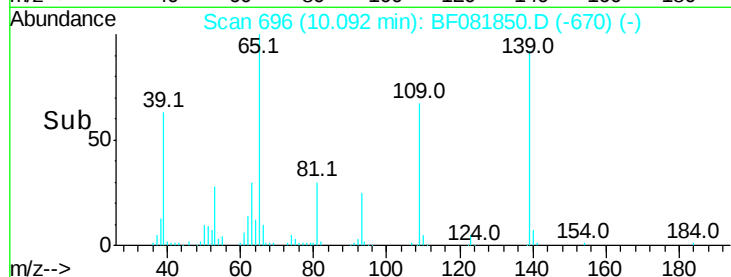
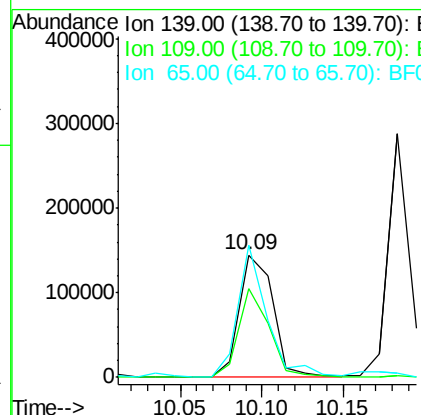
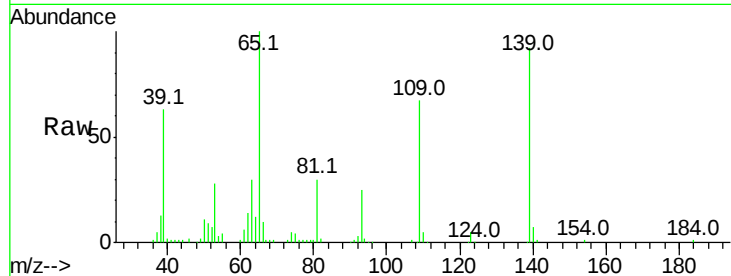
#55
4-Nitrophenol
Concen: 87.57 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.1	12.7	52.7#	
65	108.2	45.9	85.9#	

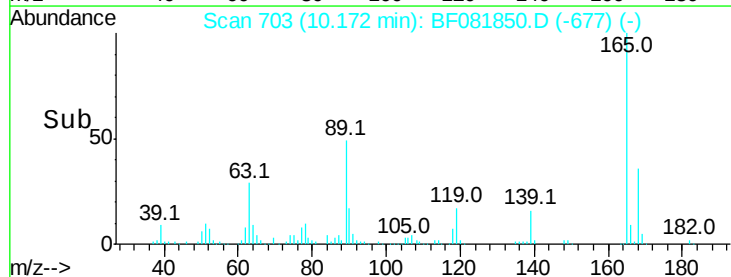
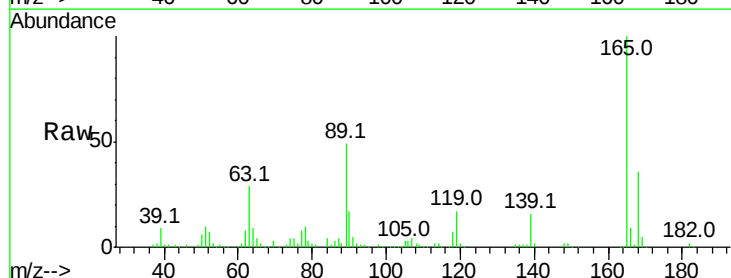
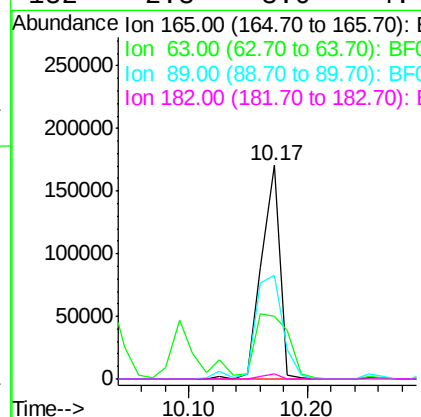
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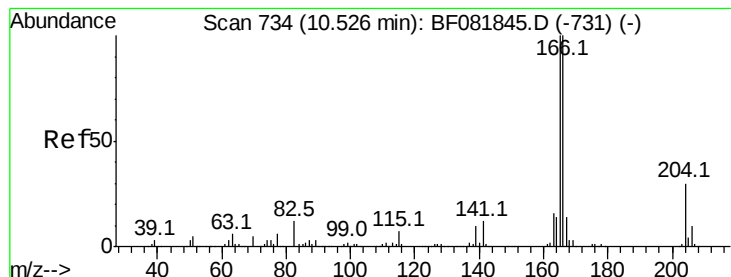
MMDadoda
9/29/2015 12:10:45 PM



#56
2,4-Dinitrotoluene
Concen: 51.08 ng
RT: 10.17 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	29.2	29.8	44.6#	
89	48.7	44.5	66.7	
182	2.3	3.0	4.4#	





#57

Fluorene

Concen: 46.86 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

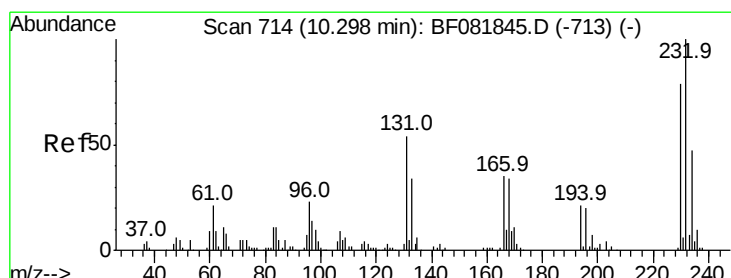
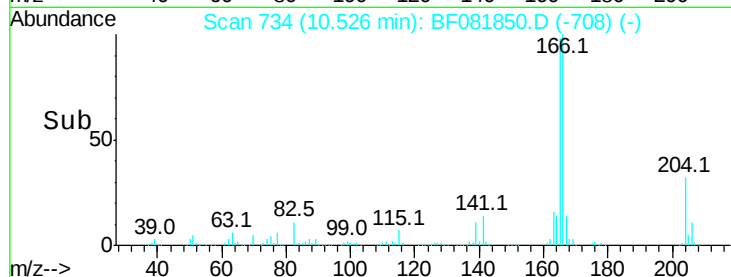
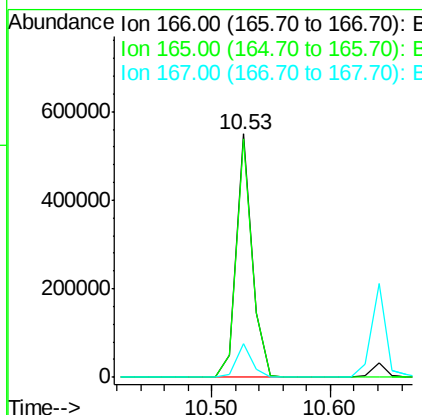
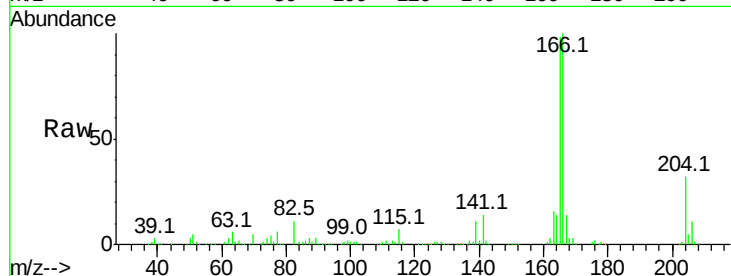
ClientSampleId :

PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	515617		
165	97.9	72.6	109.0	
167	13.7	10.6	16.0	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.47 ng

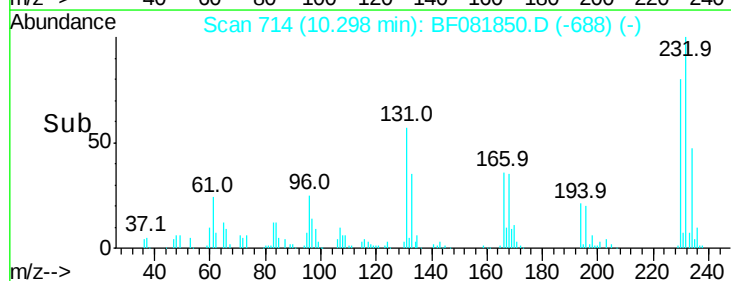
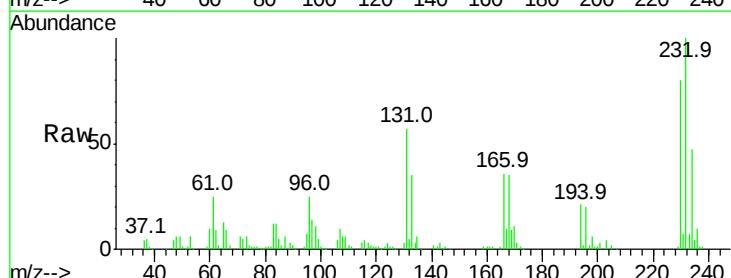
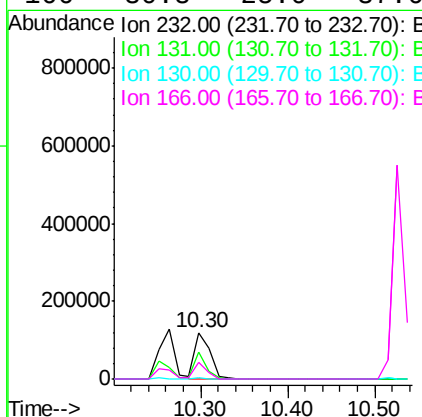
RT: 10.30 min Scan# 714

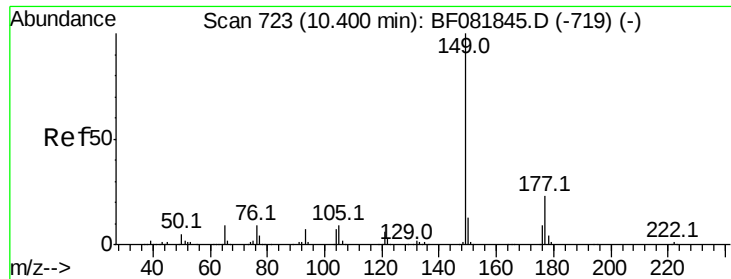
Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	147896		
131	45.7	38.5	57.7	
130	2.0	1.8	2.6	
166	30.8	25.0	37.6	





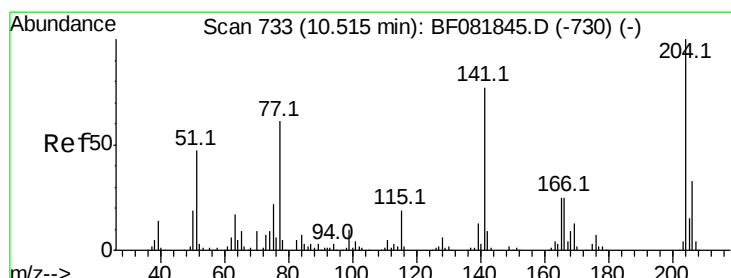
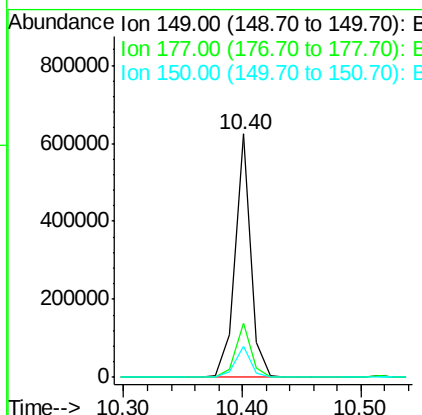
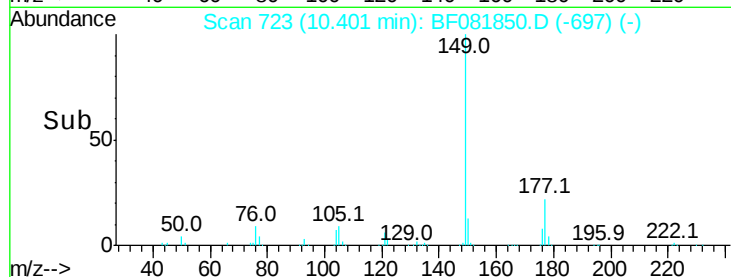
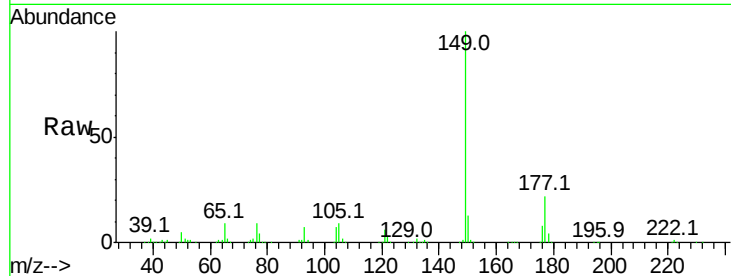
#59
Diethylphthalate
Concen: 46.81 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	571711		
177	22.1		17.5	26.3
150	12.8		9.4	14.2

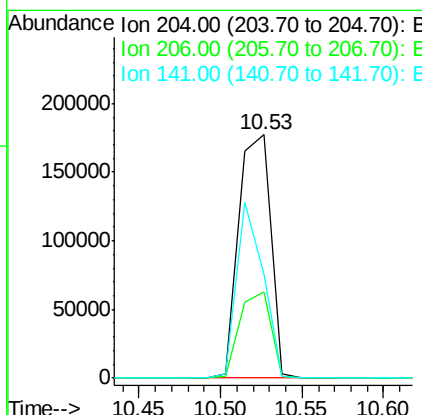
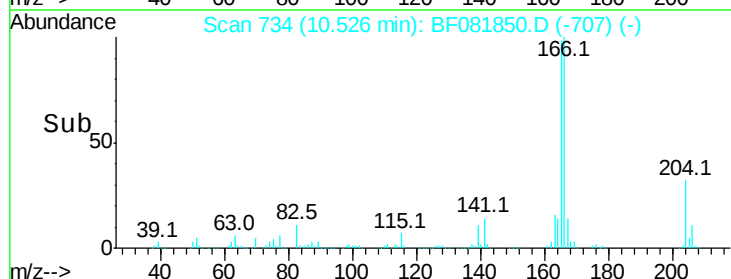
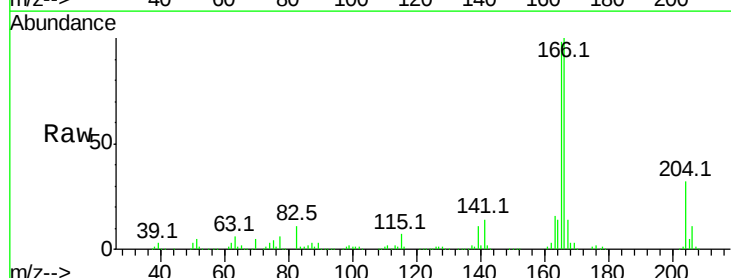
Manual Integrations
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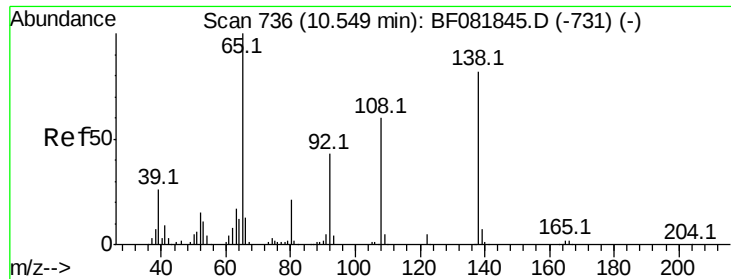
MMDadoda
9/29/2015 12:10:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.53 ng
RT: 10.53 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	239981		
206	35.6		24.8	37.2
141	42.8		42.2	63.4





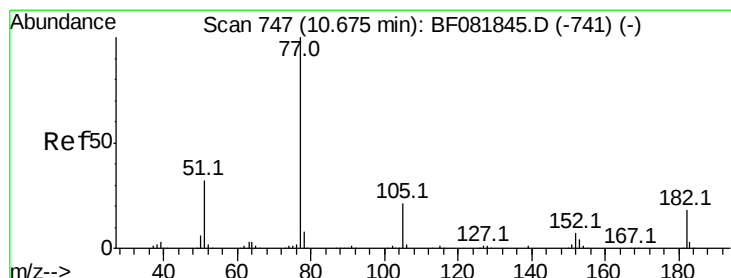
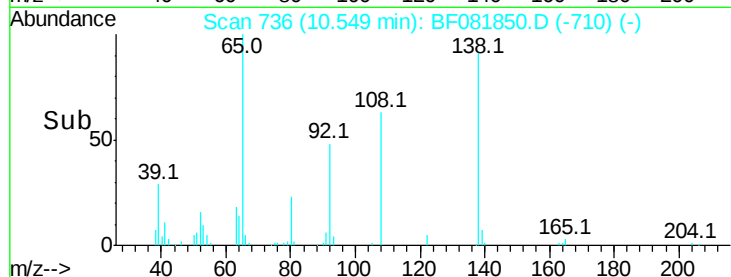
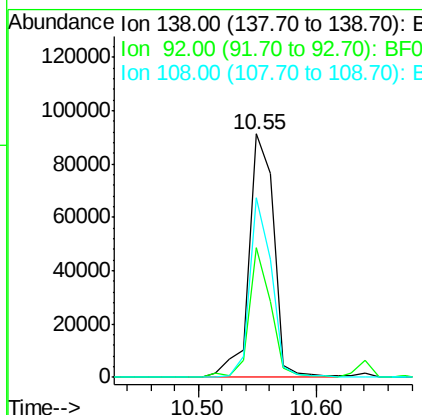
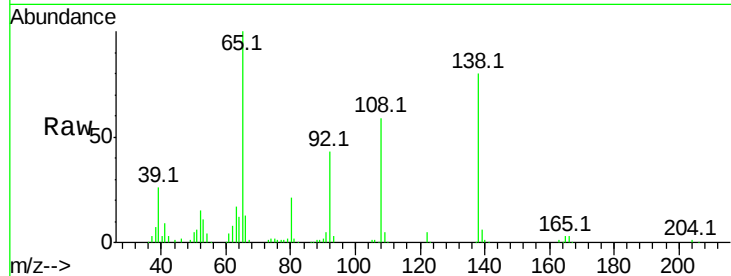
#61
4-Nitroaniline
Concen: 40.64 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.1	12.6	52.6#	
108	73.5	12.4	52.4#	

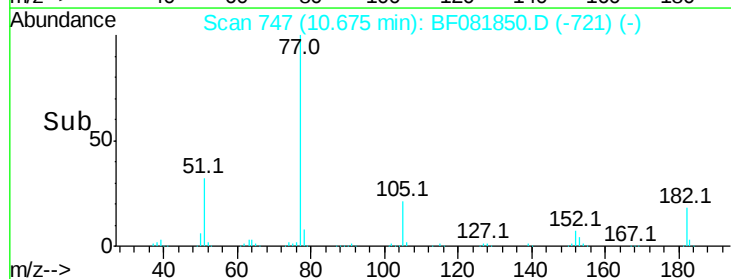
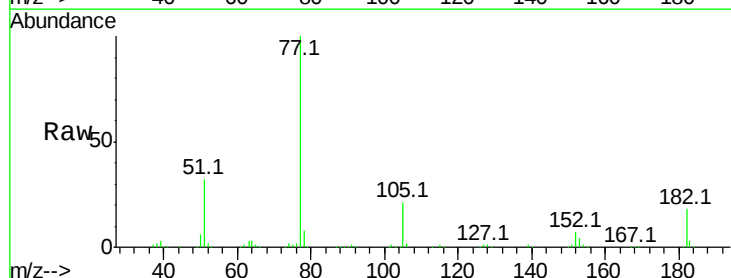
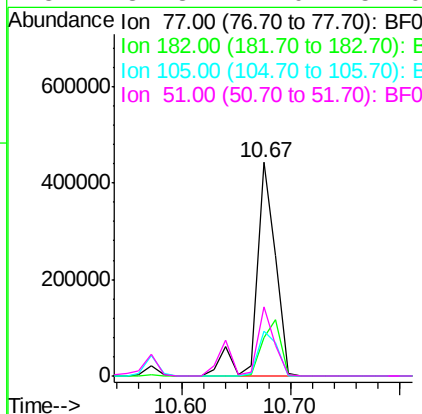
Manual Integrations
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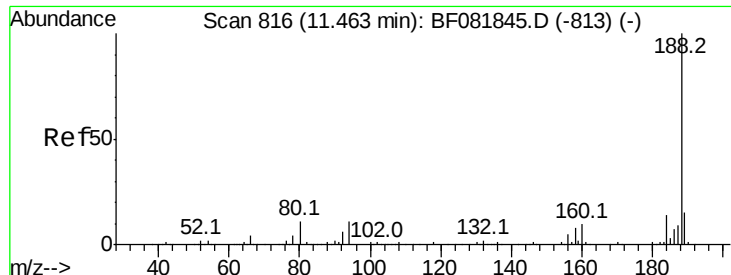
MMDadoda
9/29/2015 12:10:45 PM



#62
Azobenzene
Concen: 45.97 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	17.7	15.1	55.1	
105	21.0	3.4	43.4	
51	32.3	12.0	52.0	





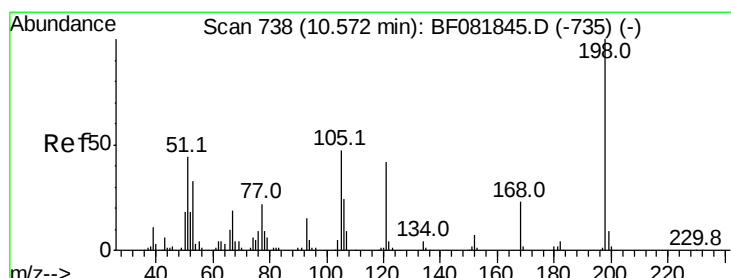
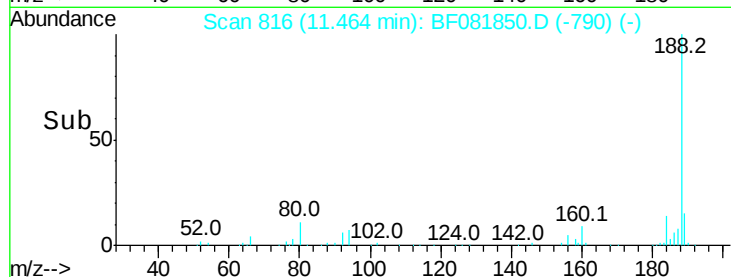
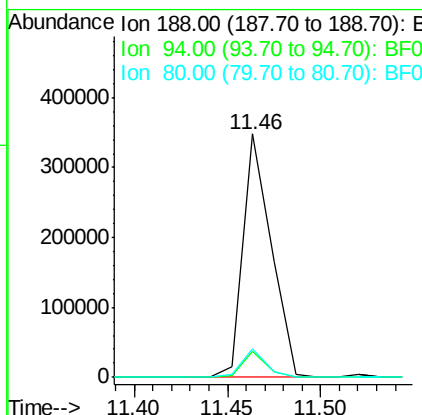
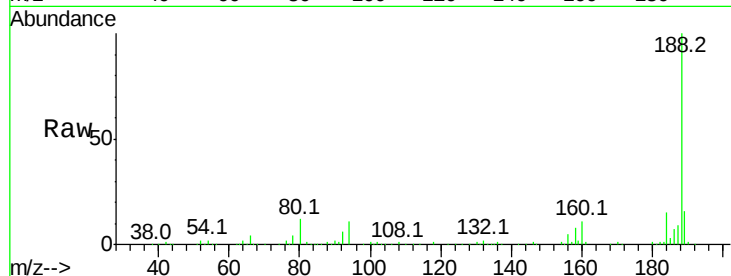
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	366442		
94	10.7		11.1	16.7#
80	11.6		11.0	16.4

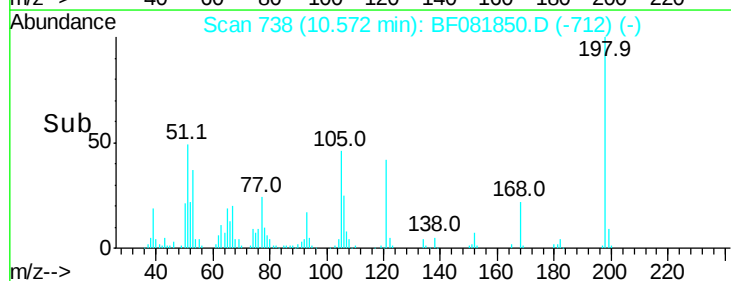
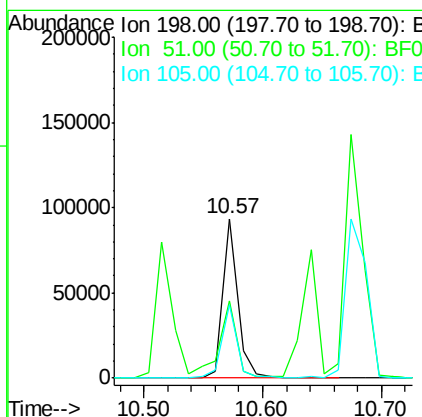
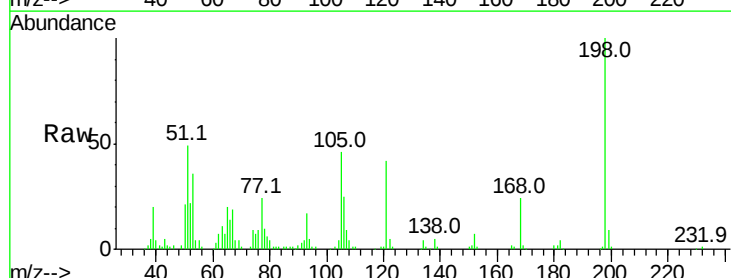
Manual Integrations
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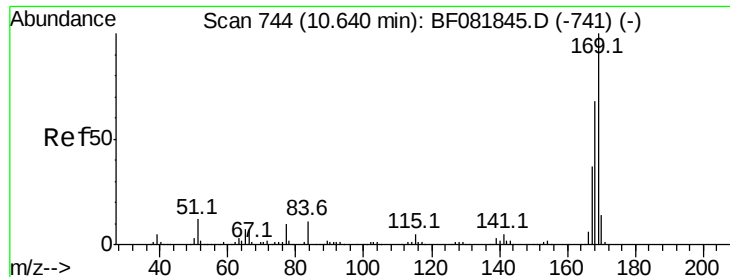
MMDadoda
 9/29/2015 12:10:45 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.40 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	80649		
51	48.6		39.6	79.6
105	46.1		28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 43.45 ng

RT: 10.64 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

Tot Ion:169 Resp: 481730

Ion Ratio Lower Upper

169 100

168 68.0 48.9 73.3

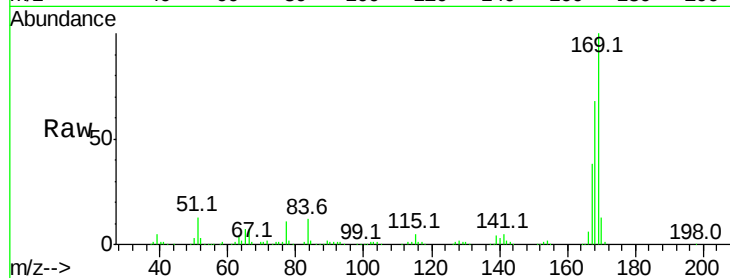
167 37.6 26.2 39.4

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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

600000

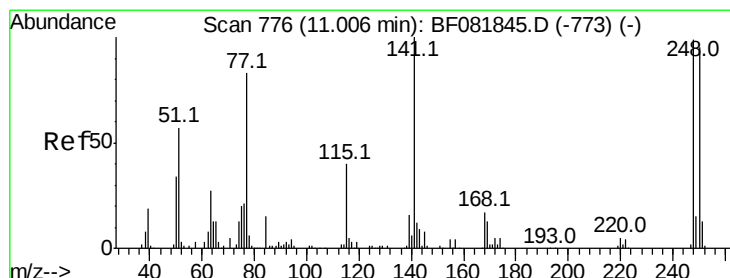
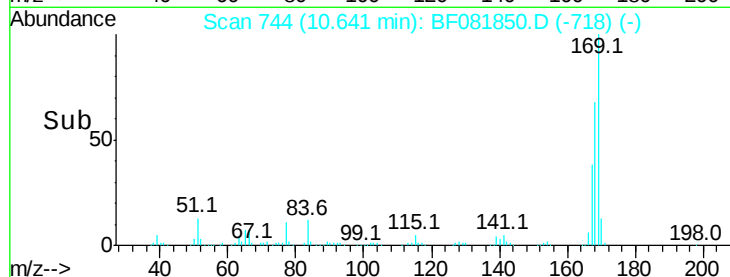
400000

200000

0

10.64

Time-->



#66

4-Bromophenyl-phenylether

Concen: 43.73 ng

RT: 11.01 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

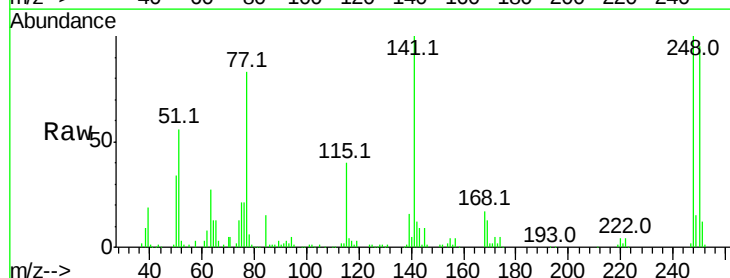
Tgt Ion:248 Resp: 161582

Ion Ratio Lower Upper

248 100

250 95.8 78.5 117.7

141 100.5 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

150000

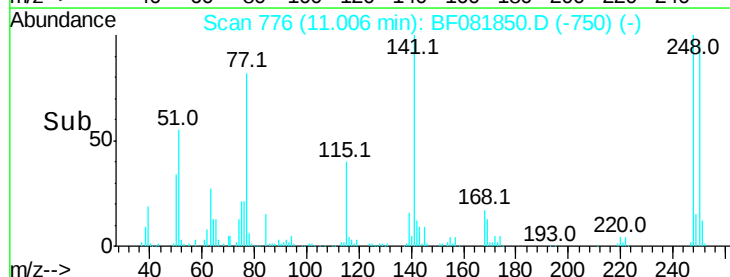
100000

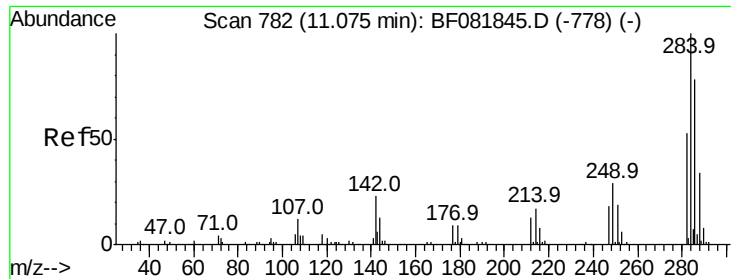
50000

0

11.01

Time-->





#67

Hexachlorobenzene

Concen: 45.51 ng

RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

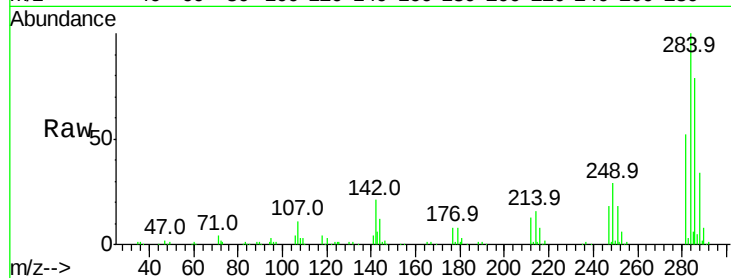
ClientSampleId :

PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	20.5	29.5	44.3#	
249	29.0	19.5	29.3	

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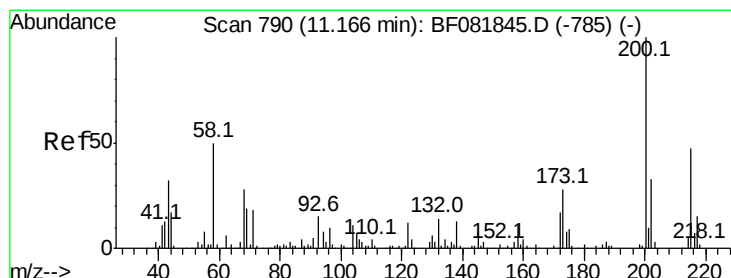
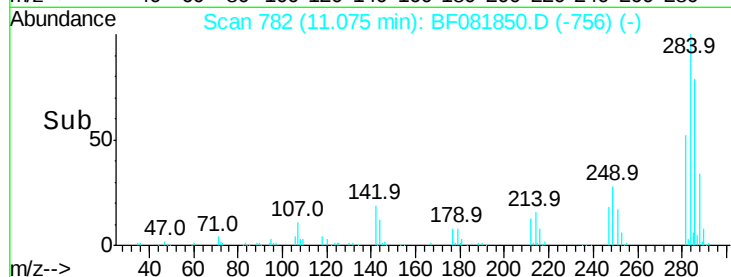
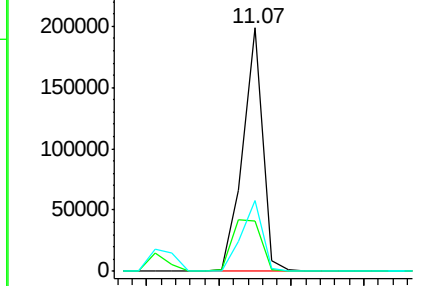
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.52 ng

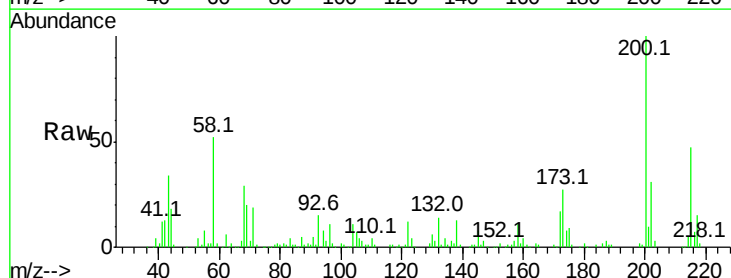
RT: 11.17 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

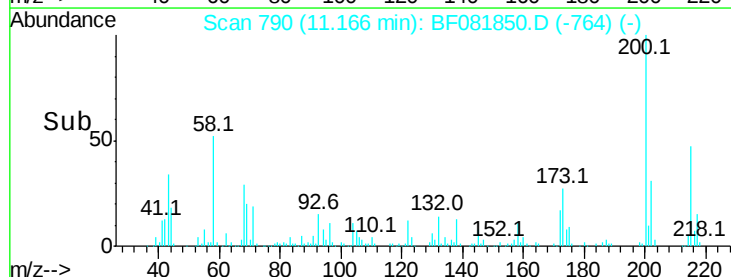
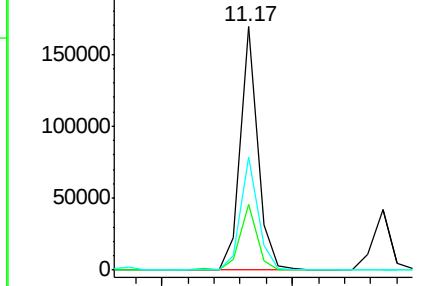
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.1	13.2	53.2	
215	46.6	41.8	81.8	

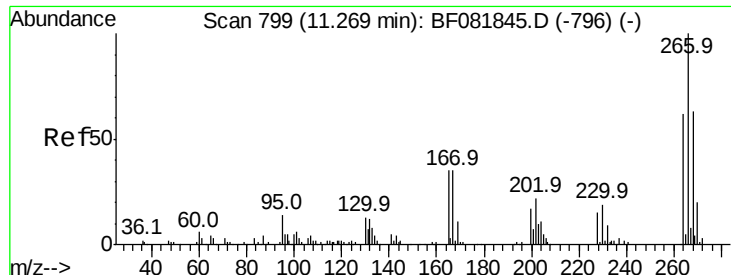


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





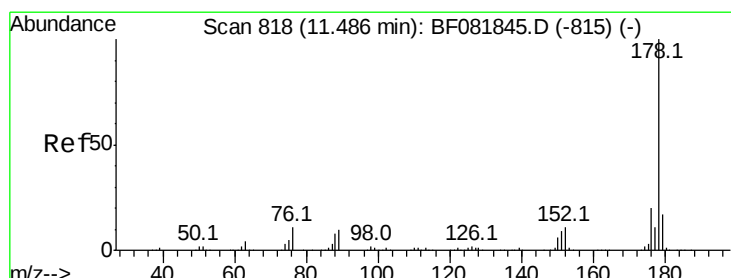
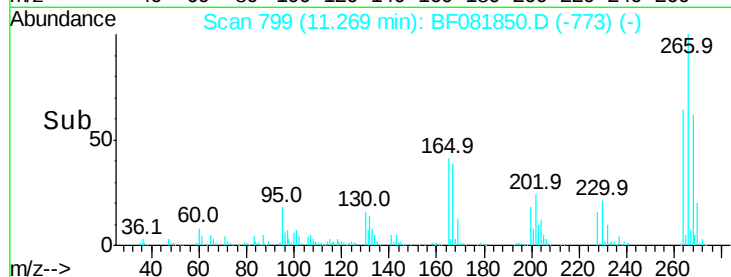
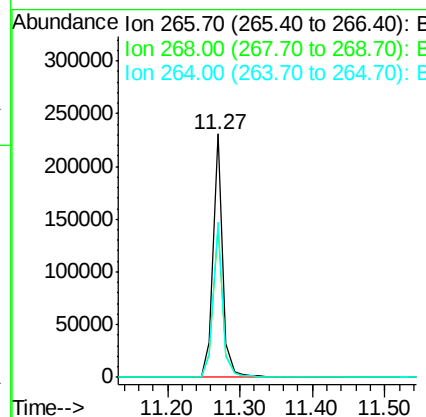
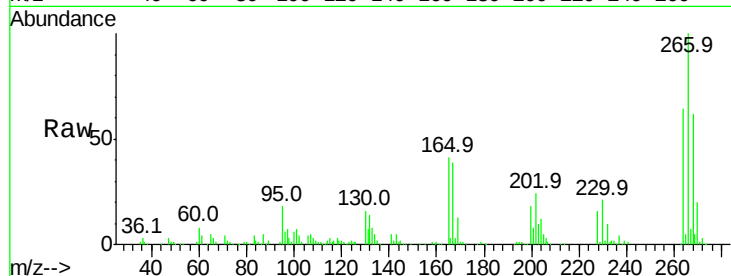
#69
 Pentachlorophenol
 Concen: 90.32 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	214594		
268	61.9	49.8	74.6	
264	63.8	50.2	75.2	

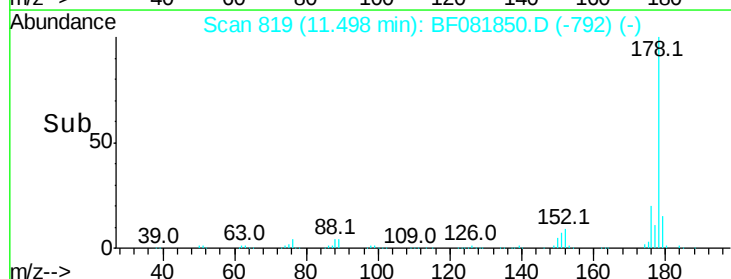
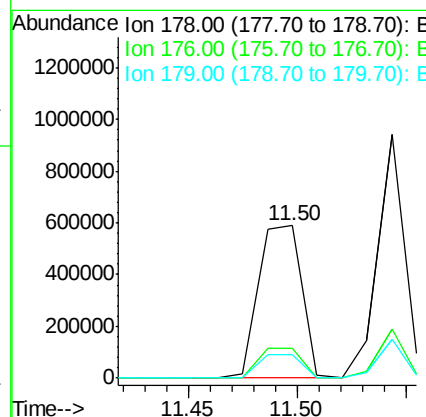
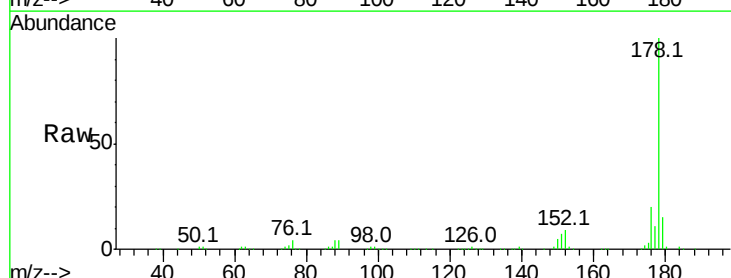
Manual Integrations
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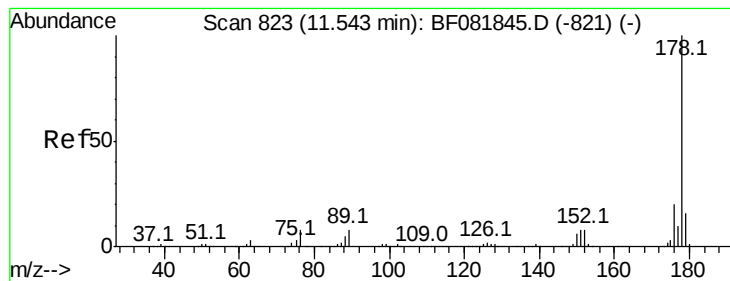
MMDadoda
 9/29/2015 12:10:45 PM



#70
 Phenanthrene
 Concen: 46.52 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	819283		
176	19.5	13.8	20.8	
179	15.2	12.2	18.2	





#71

Anthracene

Concen: 44.09 ng

RT: 11.54 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

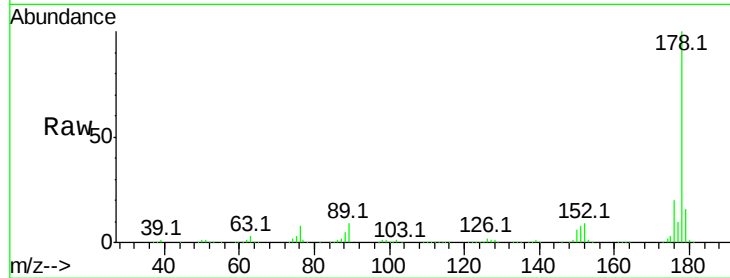
ClientSampleId :

PB85617BS

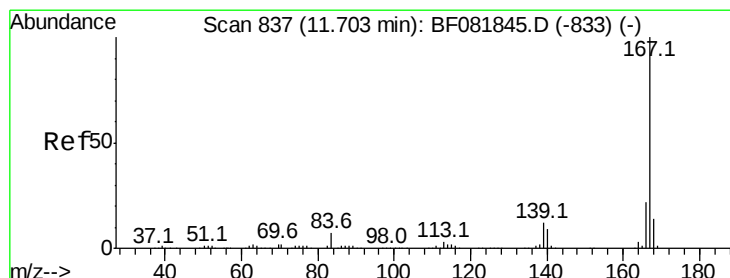
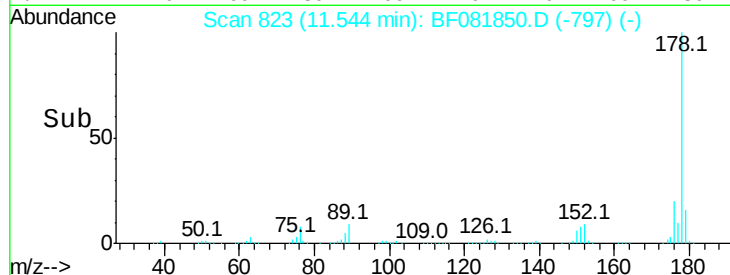
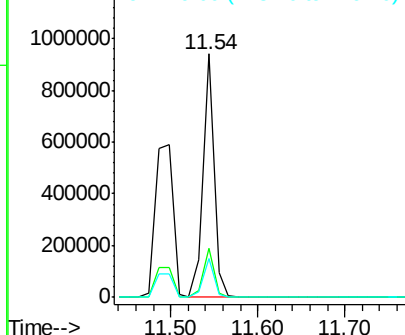
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.1	21.1
179	16.2	12.2	18.2

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



#72

Carbazole

Concen: 47.07 ng

RT: 11.70 min Scan# 837

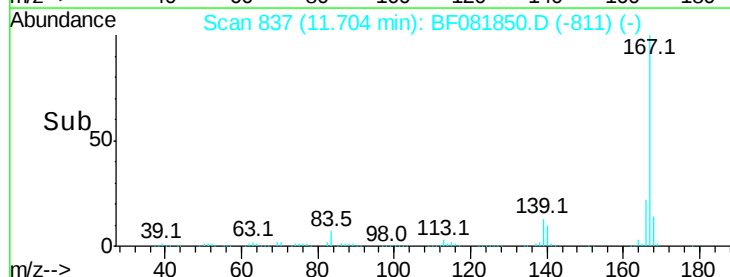
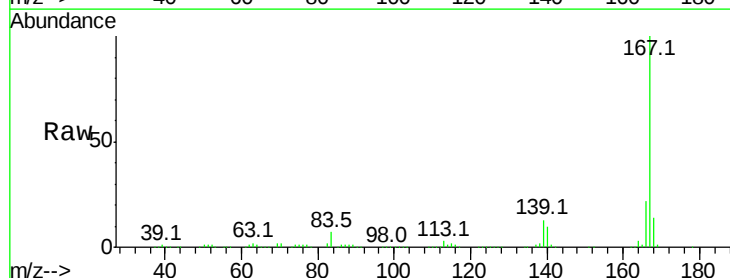
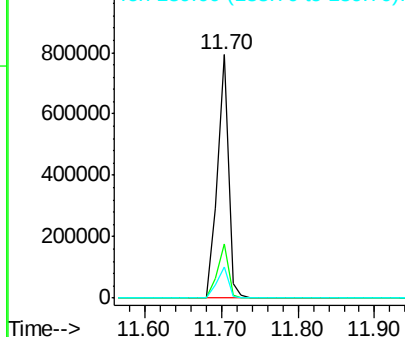
Delta R.T. 0.00 min

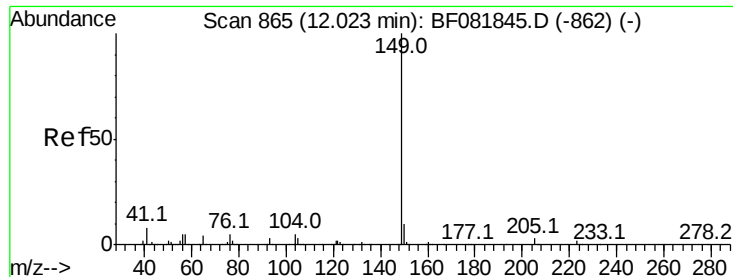
Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	15.7	23.5
139	12.8	9.5	14.3

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.96 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

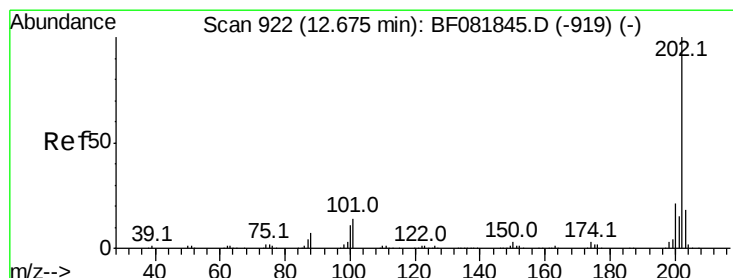
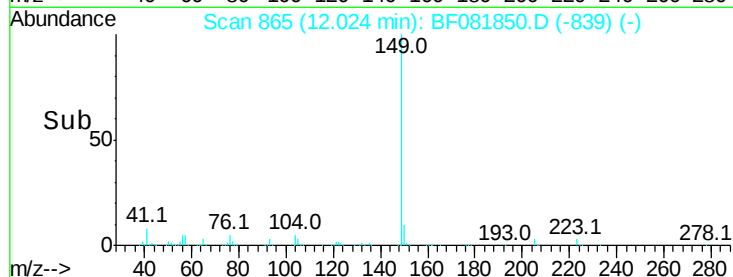
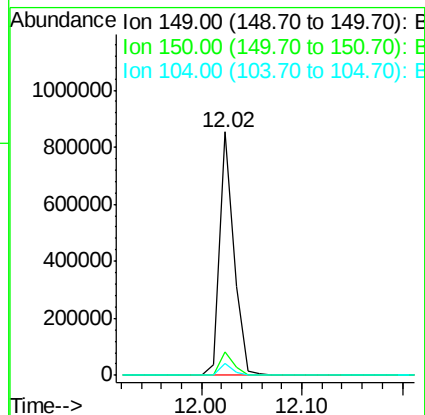
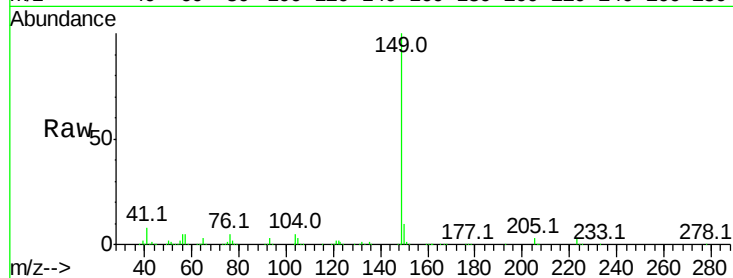
ClientSampleId :

PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.7	7.4	11.2	
104	5.1	2.4	3.6	

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#74

Fluoranthene

Concen: 44.44 ng

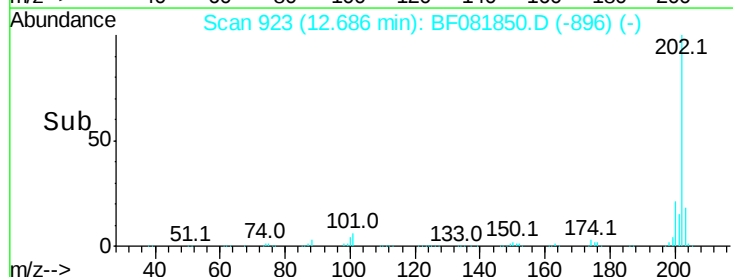
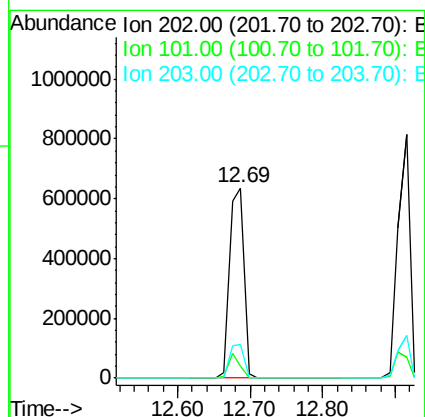
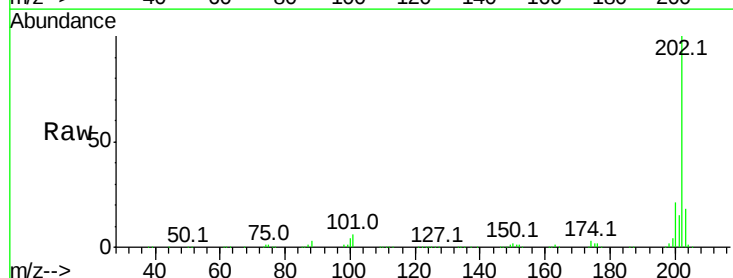
RT: 12.69 min Scan# 923

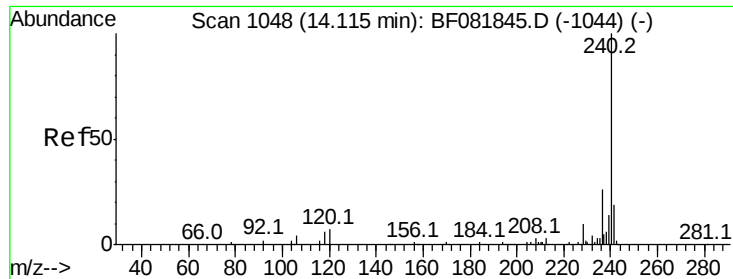
Delta R.T. 0.01 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	6.2	0.0	38.3	
203	17.5	0.0	37.3	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

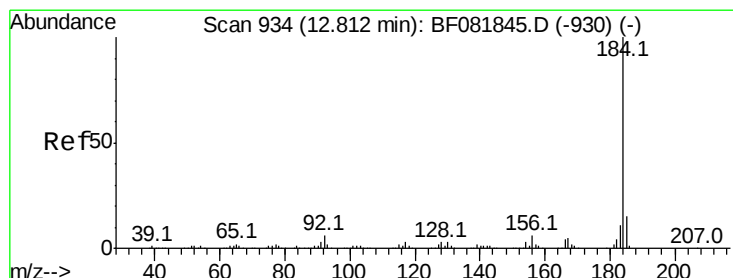
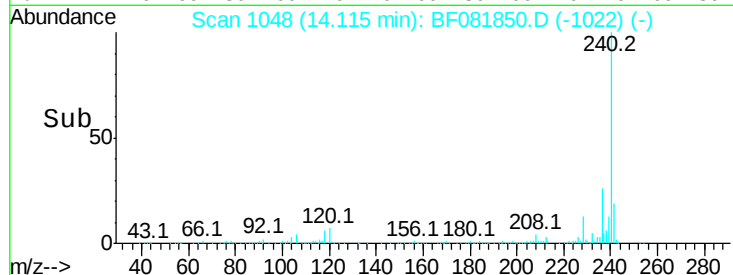
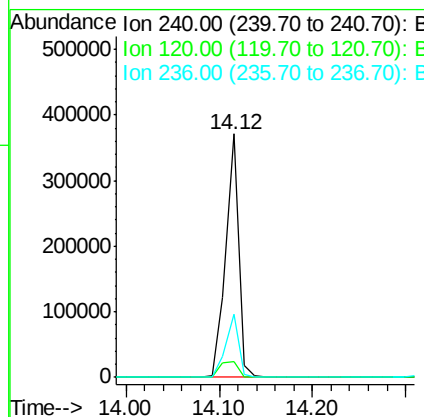
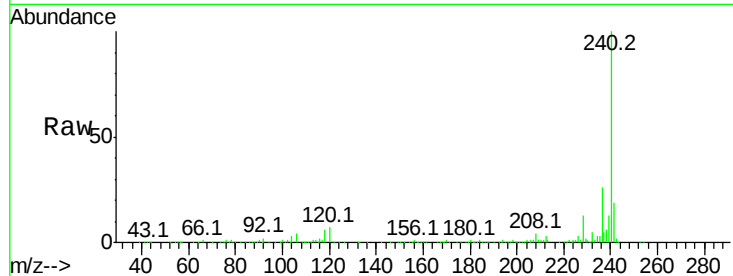
ClientSampleId :

PB85617BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.6	16.2	24.2#
236	26.1	18.4	27.6

Manual Integrations
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#76

Benzidine

Concen: 23.66 ng

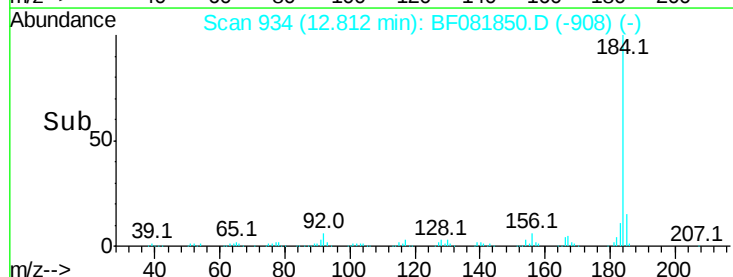
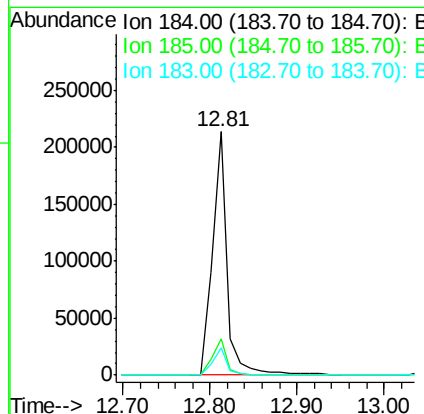
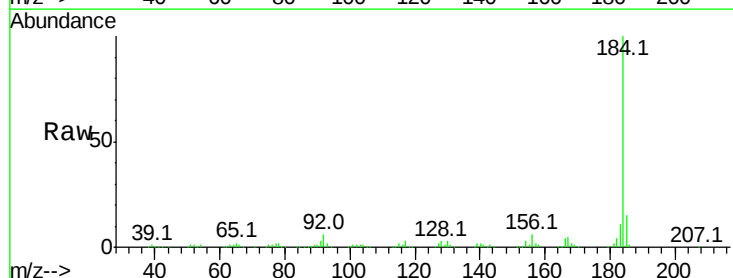
RT: 12.81 min Scan# 934

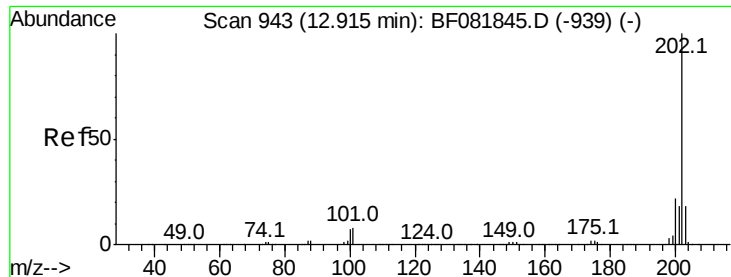
Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.6
183	11.1	7.6	11.4





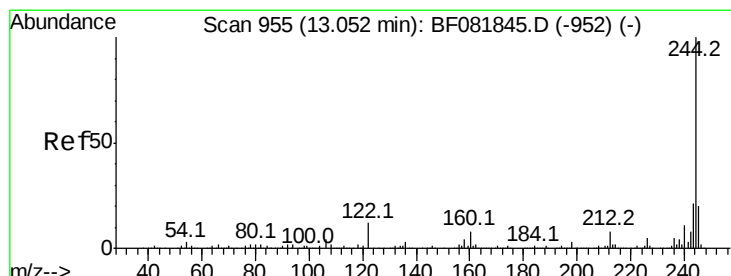
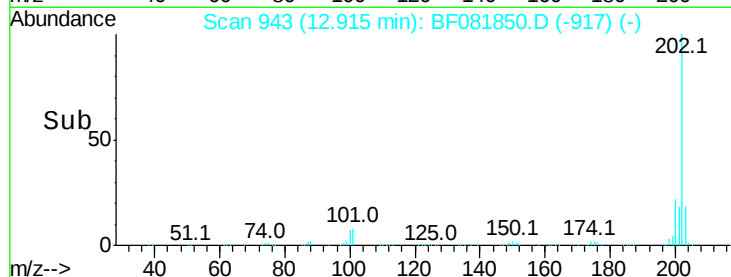
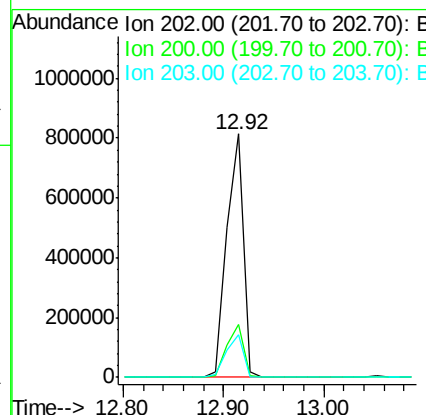
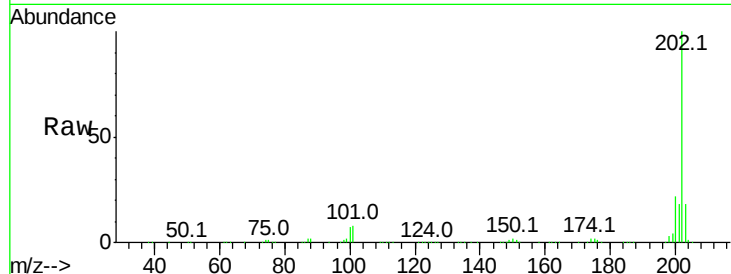
#77
Pvrene
Concen: 43.99 ng
RT: 12.92 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampled :
PB85617BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	15.0	22.4
203	17.5	14.1	21.1

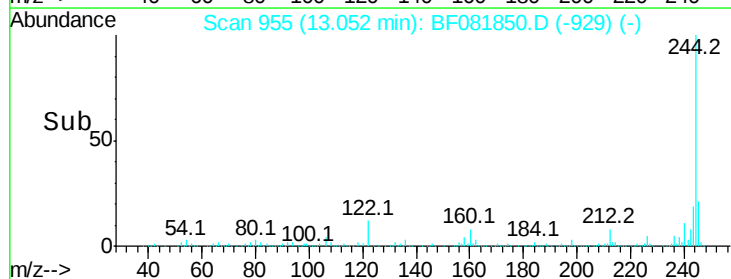
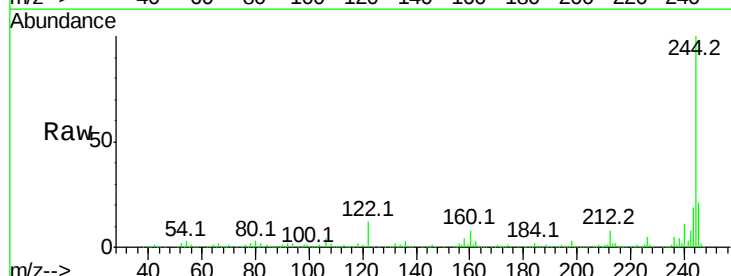
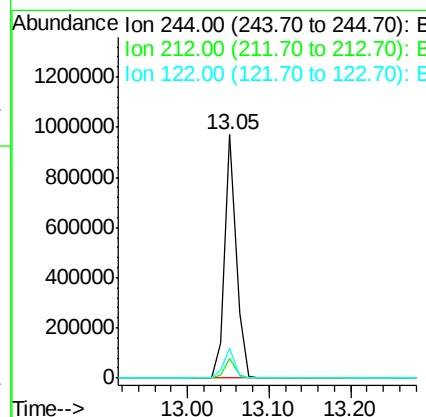
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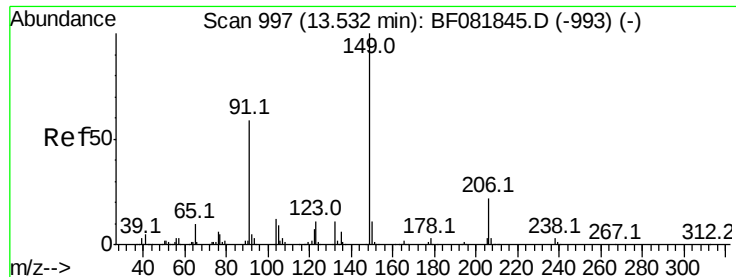
MMDadoda
9/29/2015 12:10:45 PM



#78
Terphenyl-d14
Concen: 87.17 ng
RT: 13.05 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	12.2	17.4	26.2#





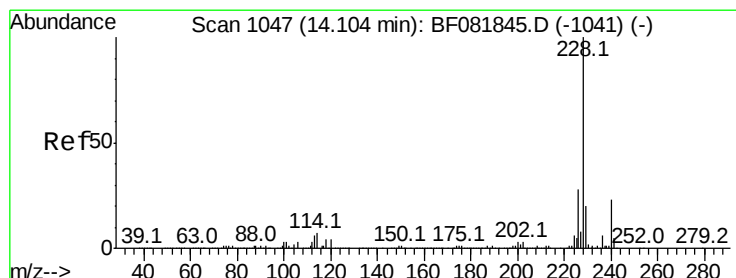
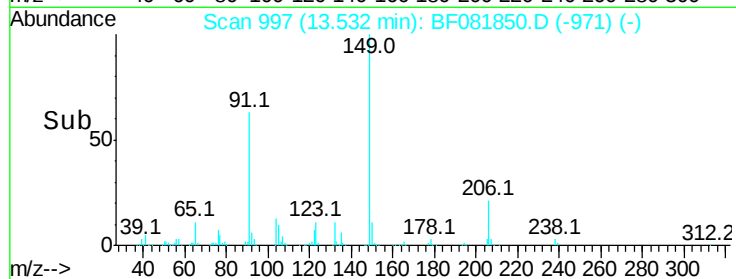
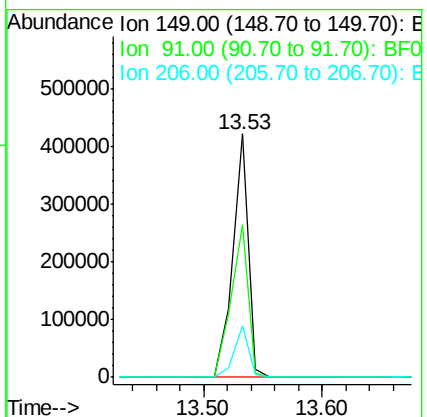
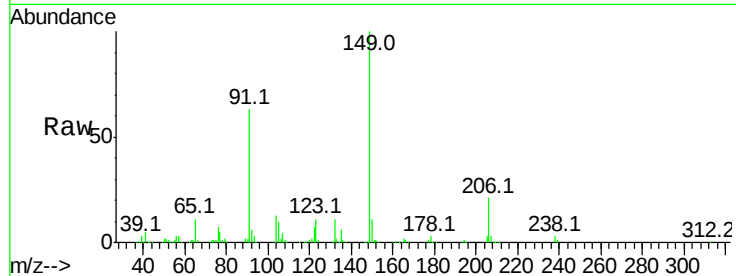
#79
Butylbenzylphthalate
Concen: 48.08 ng
RT: 13.53 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	383486		
91	62.9	48.6	72.8	
206	21.1	14.9	22.3	

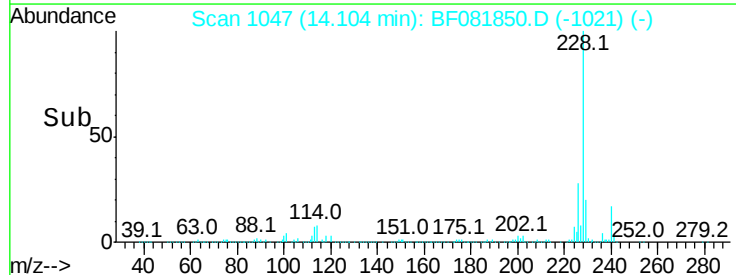
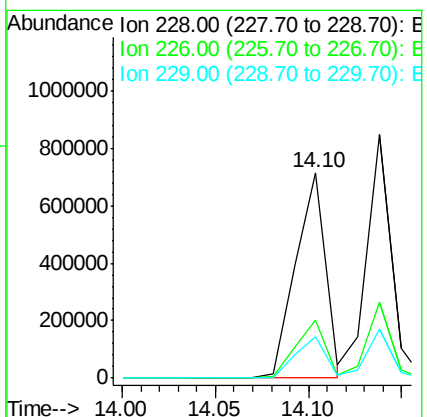
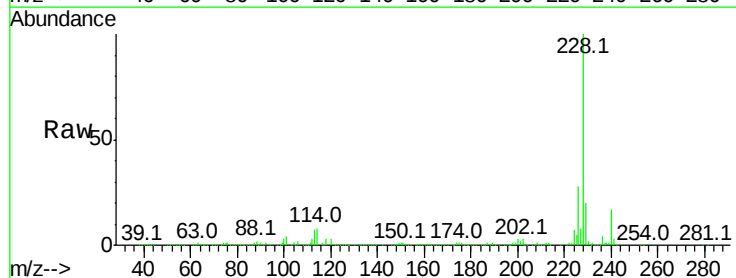
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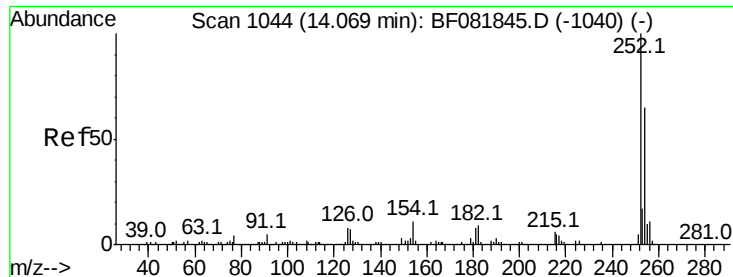
MMDadoda
9/29/2015 12:10:45 PM



#80
Benzo(a)anthracene
Concen: 42.04 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	803156		
226	28.3	20.0	30.0	
229	20.4	15.4	23.2	





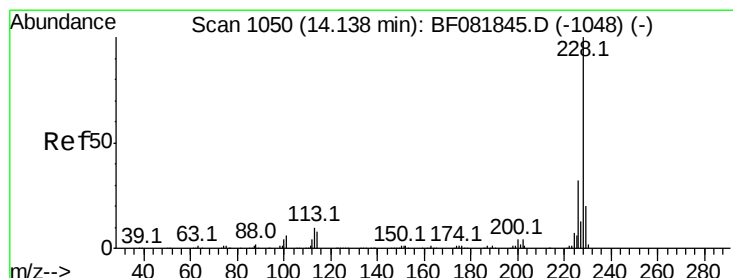
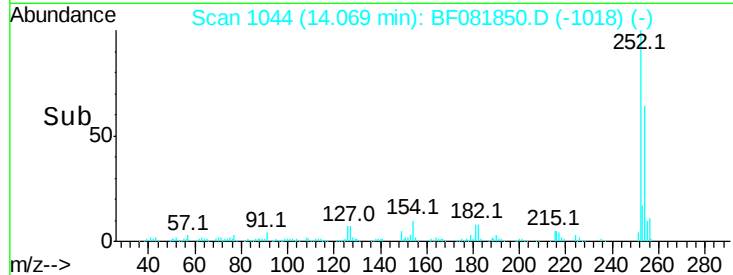
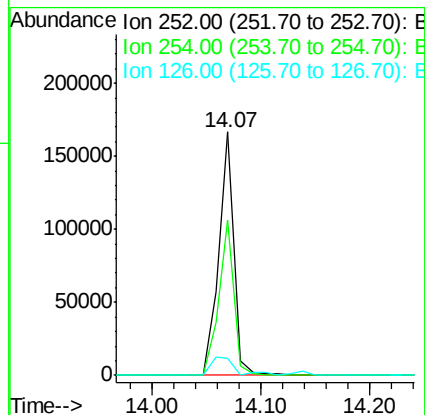
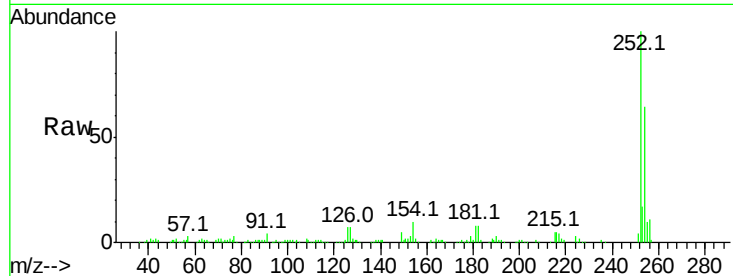
#81
 3,3'-Dichlorobenzidine
 Concen: 25.44 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampled :
 PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	164123		
254	63.7	51.4	77.2	
126	7.2	16.4	24.6	

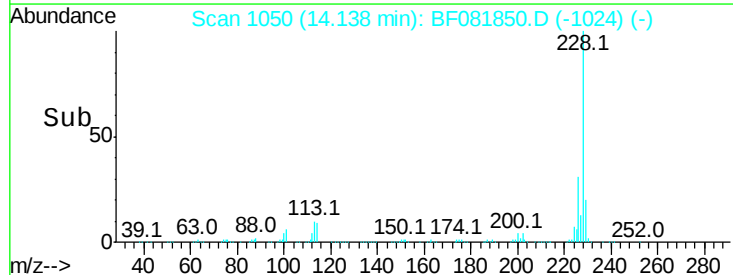
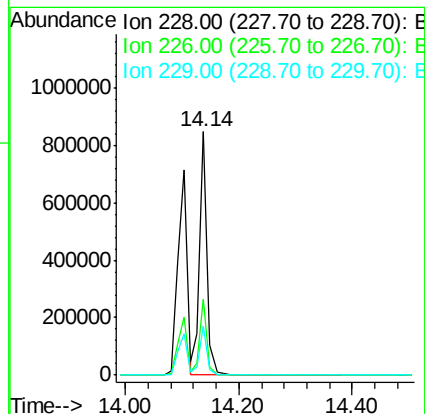
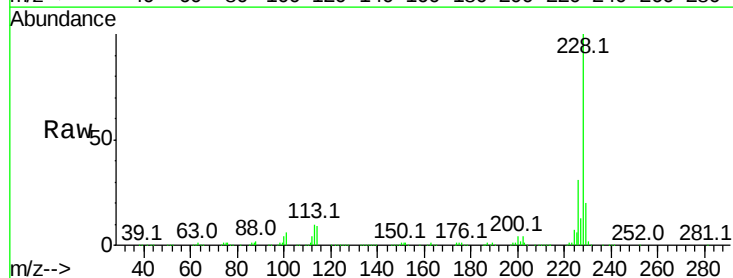
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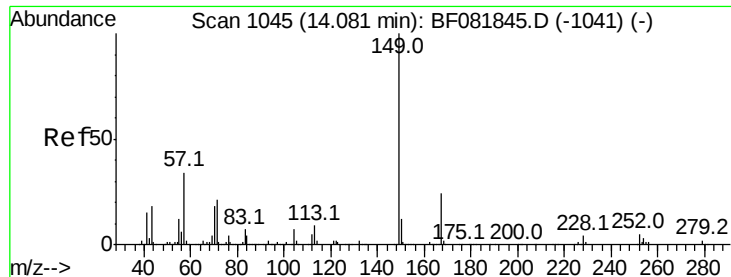
MMDadoda
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#82
 Chrysene
 Concen: 47.46 ng
 RT: 14.14 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	769078		
226	31.3	21.0	31.4	
229	20.2	15.6	23.4	





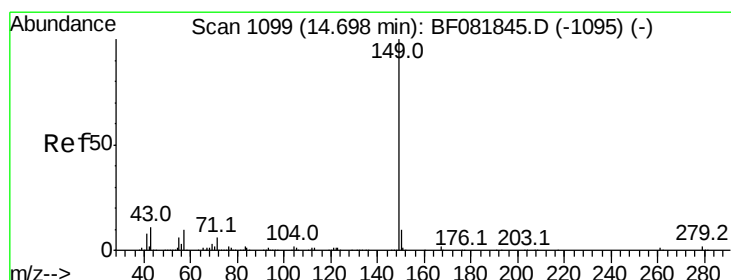
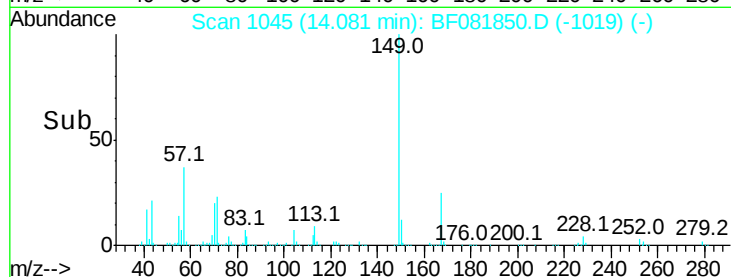
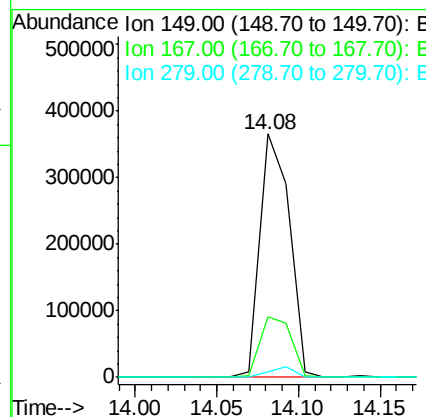
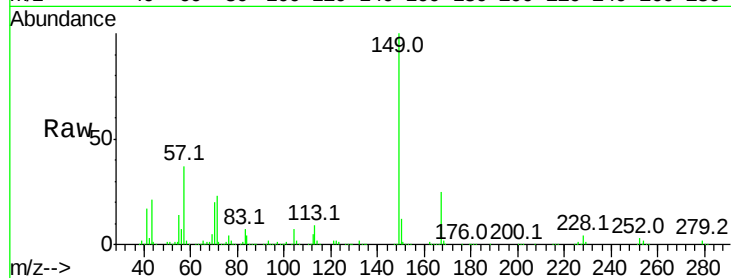
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.38 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampled :
 PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	464015		
167	24.8	24.2	36.2	
279	2.1	3.8	5.6	

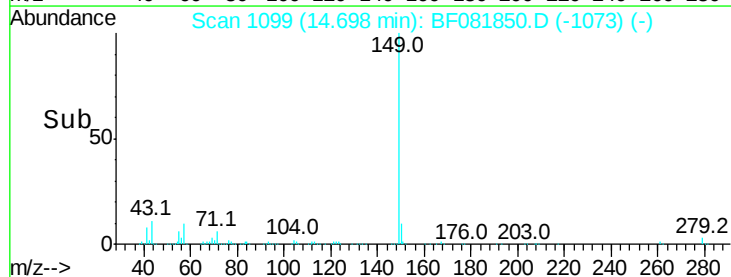
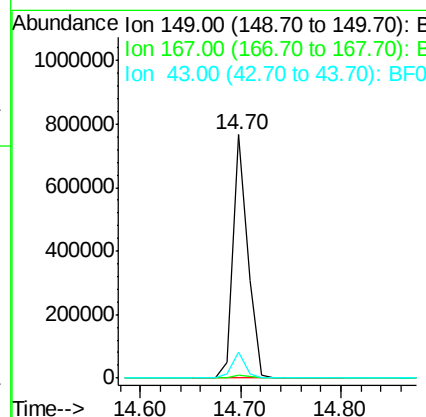
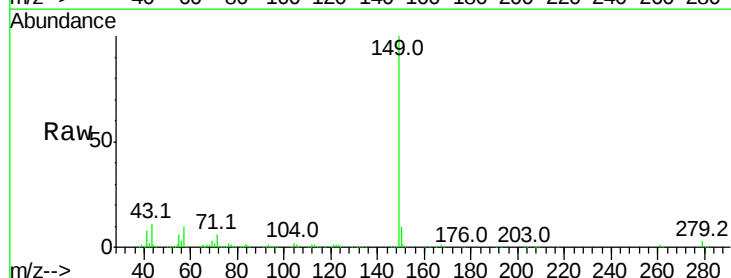
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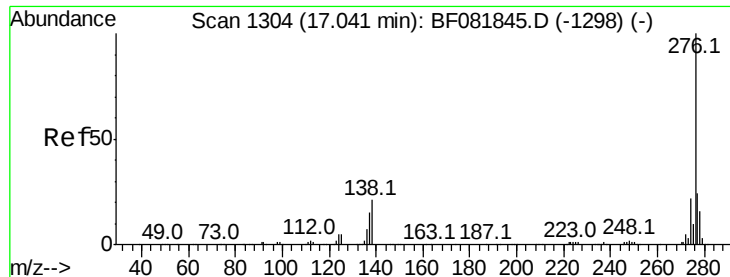
MMDadoda
 9/29/2015 12:10:45 PM



#84
 Di-n-octyl phthalate
 Concen: 47.96 ng
 RT: 14.70 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	780768		
167	1.5	1.0	1.6	
43	9.4	10.2	15.2	





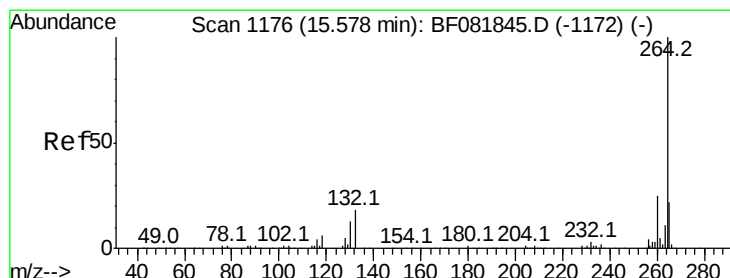
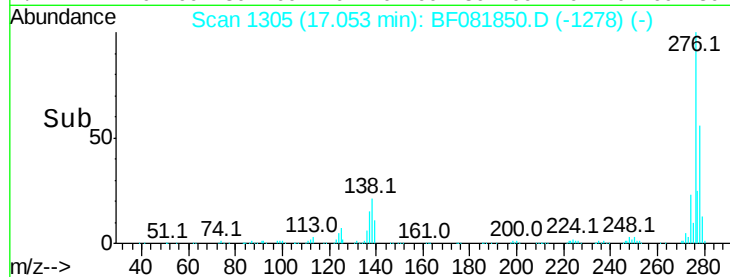
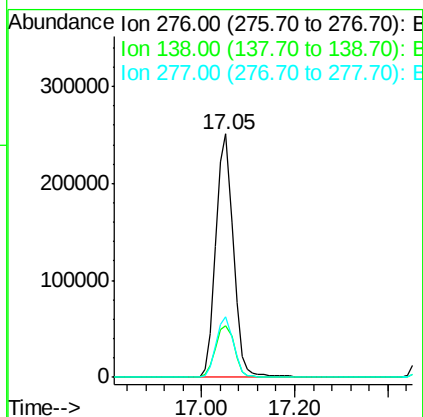
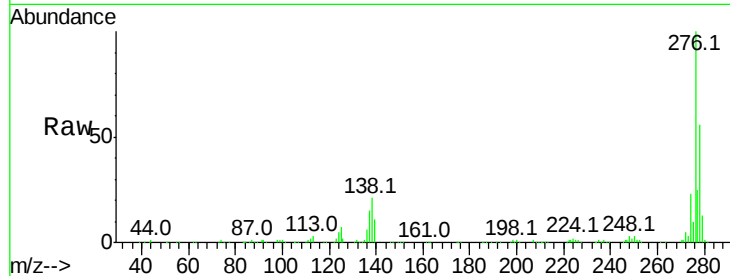
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.78 ng
RT: 17.05 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	25.7	38.5#
277	24.9	15.6	23.4#

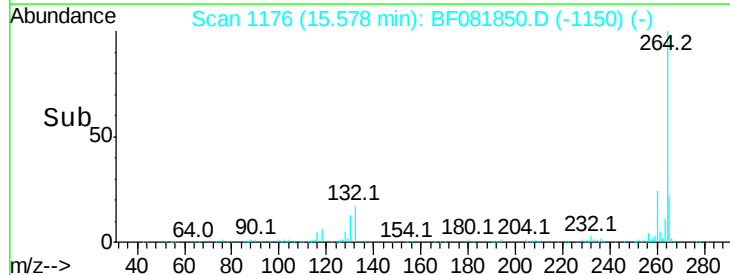
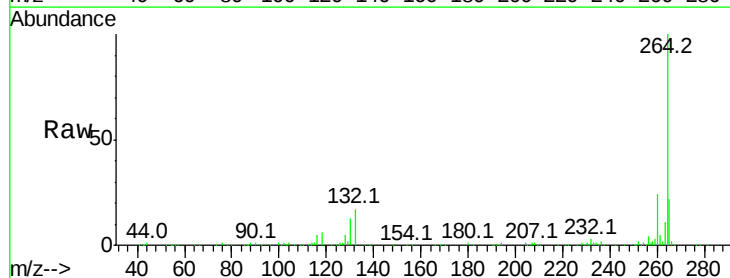
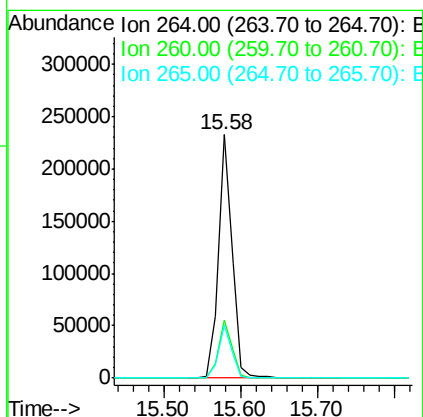
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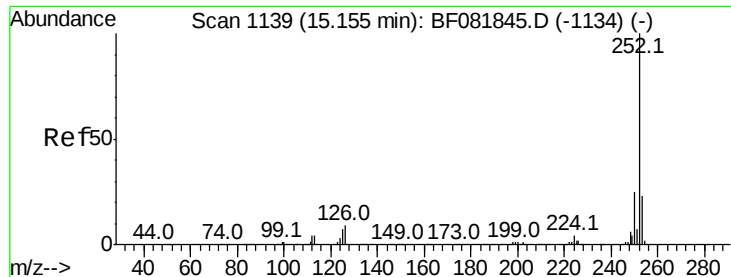
MMDadoda
9/29/2015 12:10:45 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.28 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

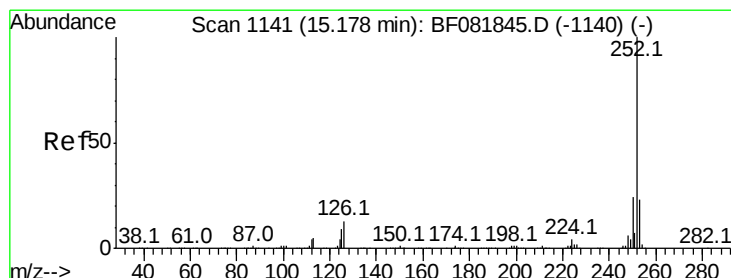
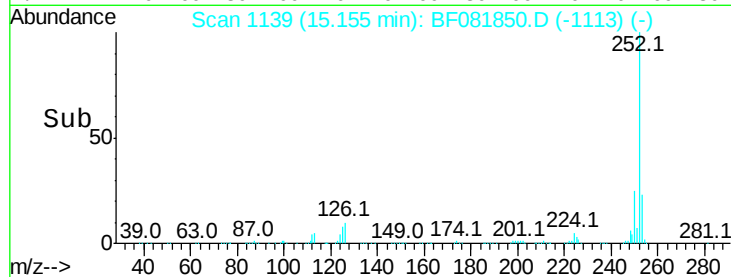
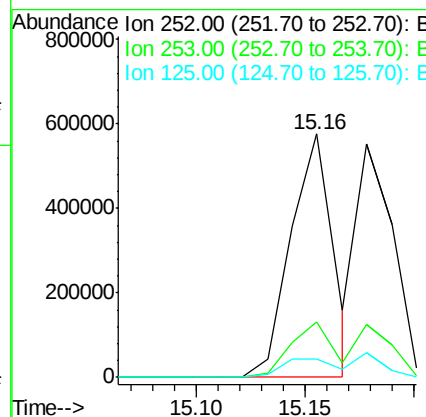
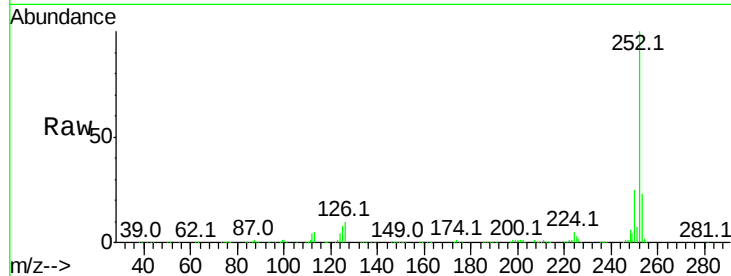
ClientSampleId :

PB85617BS

Tot Ion:	252	Resp:	780969
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	7.6	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 43.62 ng m

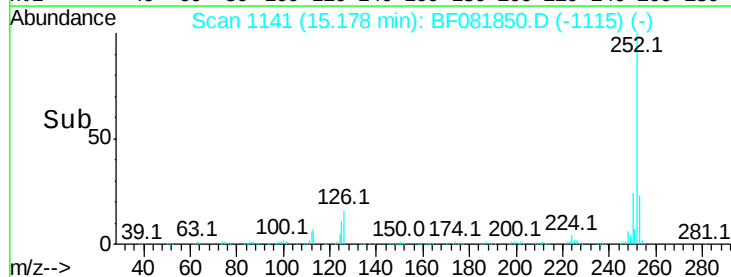
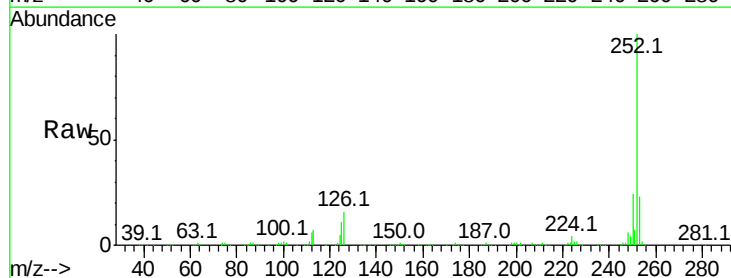
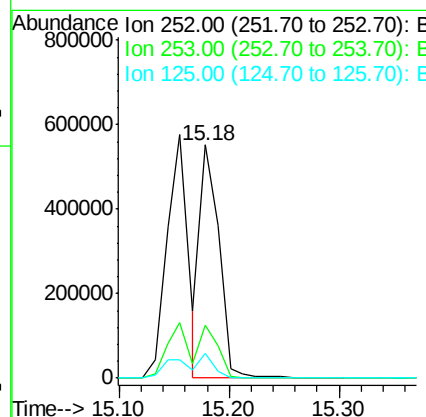
RT: 15.18 min Scan# 1141

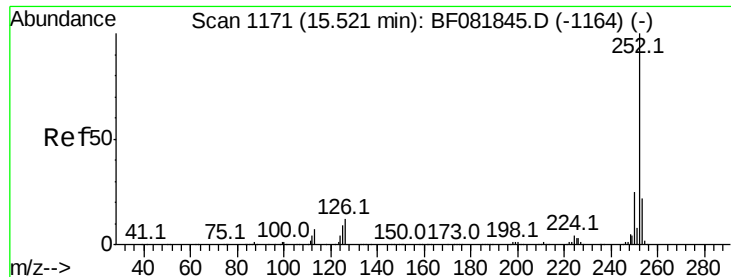
Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion:	252	Resp:	660348
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.4
125	10.9	16.0	24.0#





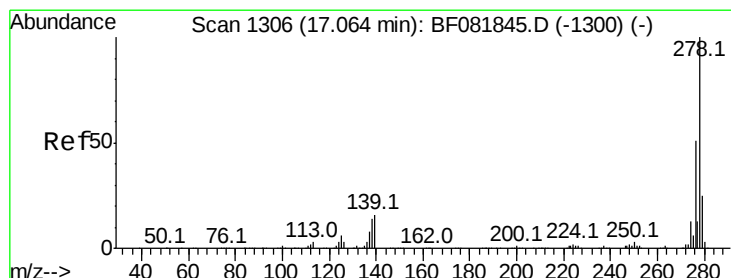
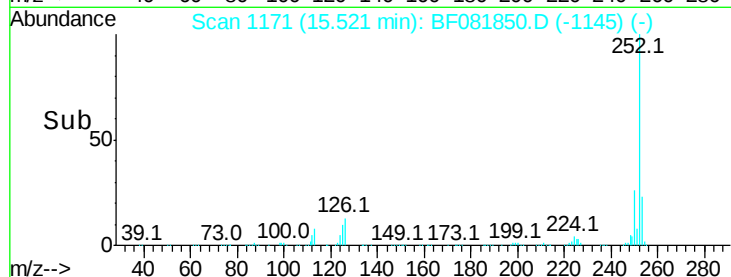
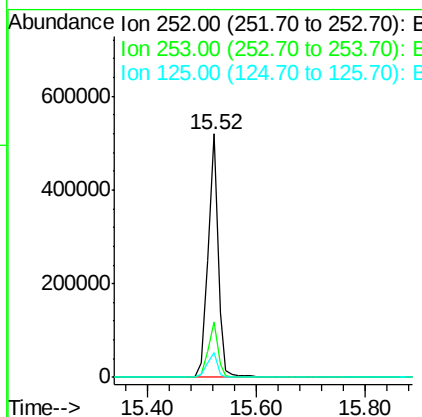
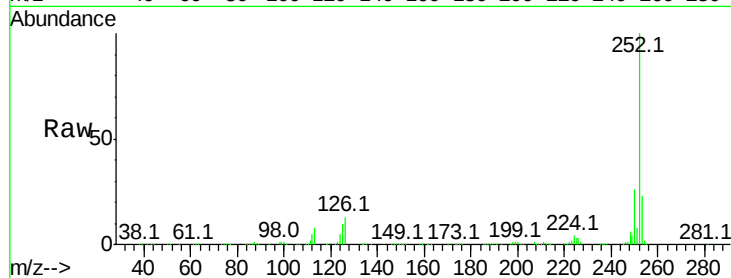
#89
Benzo(a)pyrene
Concen: 46.85 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	671204		
253	22.6	17.2	25.8	
125	10.1	18.0	27.0	

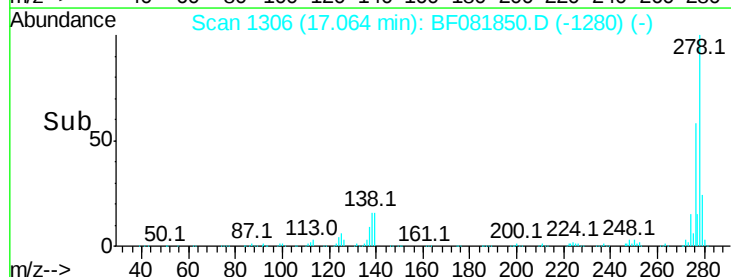
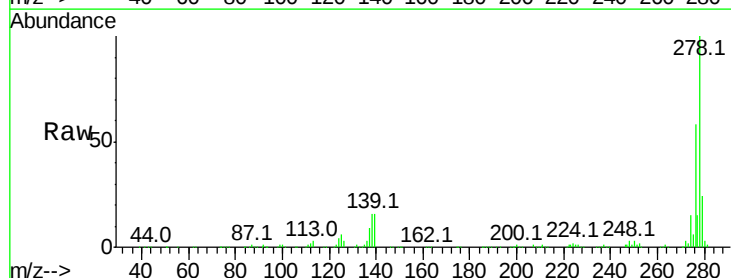
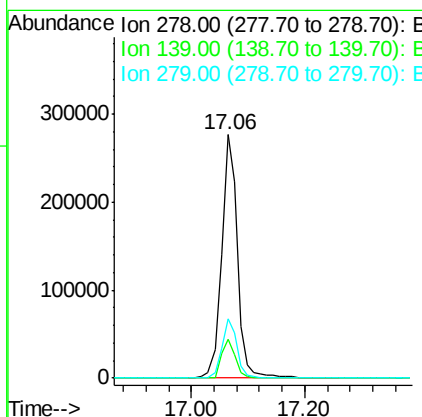
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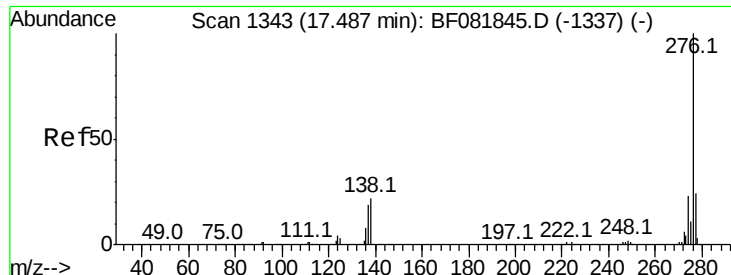
MMDadoda
9/29/2015 12:10:45 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.57 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	535721		
139	15.9	26.3	39.5	
279	24.3	18.2	27.4	





#91
 Benzo(a,h,i)perylene
 Concen: 44.44 ng
 RT: 17.50 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tot Ion:	276	Resp:	547469
Ion Ratio	Lower	Upper	
276	100		
277	22.9	17.8	26.6
138	18.6	34.6	51.8#

Manual Integrations
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 9/29/2015 12:10:45 PM

