

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082044.D
 Acq On : 5 Oct 2015 14:21
 Operator : UM/IZ
 Sample : PB85905BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Manual Integrations
 APPROVED

MMDadoda
 10/6/2015 2:53:54 PM

Quant Time: Oct 05 18:07:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:59:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	102461	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	412939	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	203195	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	390254	20.00	ng	0.00
75) Chrysene-d12	14.06	240	347381	20.00	ng	0.00
86) Perylene-d12	15.51	264	305551	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	475691	84.28	ng	0.01
7) Phenol-d6	6.51	99	622434	87.64	ng	0.00
23) Nitrobenzene-d5	7.45	82	563974	91.04	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	180313	87.62	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1115880	93.76	ng	0.00
78) Terphenyl-d14	13.01	244	1216588	133.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	92406	37.65	ng	88
3) Pyridine	3.35	79	237263	37.13	ng	85
4) n-Nitrosodimethylamine	3.31	42	102121	35.18	ng	95
6) Aniline	6.55	93	230368	24.14	ng	# 88
8) 2-Chlorophenol	6.66	128	270452	43.39	ng	85
9) Benzaldehyde	6.43	77	55865	12.01	ng	# 86
10) Phenol	6.53	94	314258	39.45	ng	# 66
11) bis(2-Chloroethyl)ether	6.63	93	282412	45.71	ng	86
12) 1,3-Dichlorobenzene	6.82	146	320522	43.53	ng	# 95
13) 1,4-Dichlorobenzene	6.90	146	329806	42.90	ng	# 95
14) 1,2-Dichlorobenzene	7.05	146	295740m	43.17	ng	
15) Benzyl Alcohol	7.03	79	210119	40.98	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	379197	43.41	ng	81
17) 2-Methylphenol	7.14	107	228881	45.29	ng	# 85
18) Hexachloroethane	7.39	117	107847	44.81	ng	# 83
19) n-Nitroso-di-n-propylamine	7.30	70	187880	43.52	ng	# 76
20) 3+4-Methylphenols	7.29	107	266088	41.69	ng	# 64
22) Acetophenone	7.30	105	375648	44.49	ng	# 83
24) Nitrobenzene	7.47	77	291940	43.40	ng	# 73
25) Isophorone	7.71	82	526166	42.85	ng	# 93
26) 2-Nitrophenol	7.79	139	151178	46.82	ng	# 89
27) 2,4-Dimethylphenol	7.83	122	259184	45.63	ng	# 83
28) bis(2-Chloroethoxy)methane	7.92	93	308706	42.34	ng	# 92
29) 2,4-Dichlorophenol	8.02	162	247938	45.02	ng	92
30) 1,2,4-Trichlorobenzene	8.11	180	275773	44.85	ng	99
31) Naphthalene	8.19	128	825855	45.13	ng	97
32) Benzoic acid	7.95	122	157342	46.57	ng	# 68
33) 4-Chloroaniline	8.25	127	119365	15.09	ng	# 95
34) Hexachlorobutadiene	8.31	225	168906	46.45	ng	99
35) Caprolactam	8.62	113	67053m	43.98	ng	
36) 4-Chloro-3-methylphenol	8.73	107	262054	48.66	ng	88
37) 2-Methylnaphthalene	8.88	142	531044	42.52	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	280168	44.91	ng	99
40) Hexachlorocyclopentadiene	9.04	237	323365	100.66	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	194137	45.40	nq	98
43) 2,4,5-Trichlorophenol	9.21	196	191508	43.55	nq	# 93
45) 1,1'-Biphenyl	9.35	154	664676	42.40	nq	95
46) 2-Chloronaphthalene	9.37	162	520462	42.28	nq	94
47) 2-Nitroaniline	9.47	65	155066	42.91	nq	# 77
48) Acenaphthylene	9.79	152	878099	44.57	nq	97
49) Dimethylphthalate	9.66	163	650892	46.41	nq	# 98
50) 2,6-Dinitrotoluene	9.71	165	129651	42.58	nq	# 54
51) Acenaphthene	9.97	154	612321	52.34	nq	89
52) 3-Nitroaniline	9.89	138	82272	23.35	nq	# 63
53) 2,4-Dinitrophenol	10.00	184	157933	94.46	nq	# 82
54) Dibenzofuran	10.14	168	765442	46.30	nq	# 91
55) 4-Nitrophenol	10.06	139	231199	90.83	nq	# 71
56) 2,4-Dinitrotoluene	10.13	165	195903	50.47	nq	# 98
57) Fluorene	10.48	166	602313	51.23	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.25	232	170165	48.78	nq	95
59) Diethylphthalate	10.35	149	615010	46.94	nq	99
60) 4-Chlorophenyl-phenylether	10.47	204	260969	43.11	nq	# 86
61) 4-Nitroaniline	10.51	138	143645	40.67	nq	# 65
62) Azobenzene	10.63	77	587767	45.97	nq	90
64) 4,6-Dinitro-2-methylphenol	10.53	198	92257	51.27	nq	96
65) n-Nitrosodiphenylamine	10.59	169	529531	44.85	nq	92
66) 4-Bromophenyl-phenylether	10.96	248	177184	45.03	nq	96
67) Hexachlorobenzene	11.02	284	178325	40.16	nq	# 78
68) Atrazine	11.12	200	162797	44.44	nq	84
69) Pentachlorophenol	11.22	266	231288	91.41	nq	99
70) Phenanthrene	11.44	178	825639	43.92	nq	95
71) Anthracene	11.50	178	959573	48.38	nq	98
72) Carbazole	11.65	167	801719	44.66	nq	95
73) Di-n-butylphthalate	11.98	149	929966	51.04	nq	# 98
74) Fluoranthene	12.63	202	921945	44.10	nq	90
76) Benzidine	12.76	184	308266	29.45	nq	98
77) Pyrene	12.86	202	921542m	44.41	nq	
79) Butylbenzylphthalate	13.48	149	378961	48.53	nq	# 86
80) Benzo(a)anthracene	14.05	228	832135	44.48	nq	95
81) 3,3'-Dichlorobenzidine	14.01	252	181075	28.66	nq	# 93
82) Chrysene	14.08	228	810739	45.20	nq	93
83) Bis(2-ethylhexyl)phthalate	14.04	149	539694	55.10	nq	# 94
84) Di-n-octyl phthalate	14.65	149	912176	57.22	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.94	276	686624	46.92	nq	# 87
87) Benzo(b)fluoranthene	15.09	252	721325m	41.35	nq	
88) Benzo(k)fluoranthene	15.12	252	841049m	52.60	nq	
89) Benzo(a)pyrene	15.45	252	739618	48.88	nq	# 83
90) Dibenzo(a,h)anthracene	16.96	278	578269	45.55	nq	# 79
91) Benzo(g,h,i)perylene	17.37	276	548853	42.18	nq	# 76

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

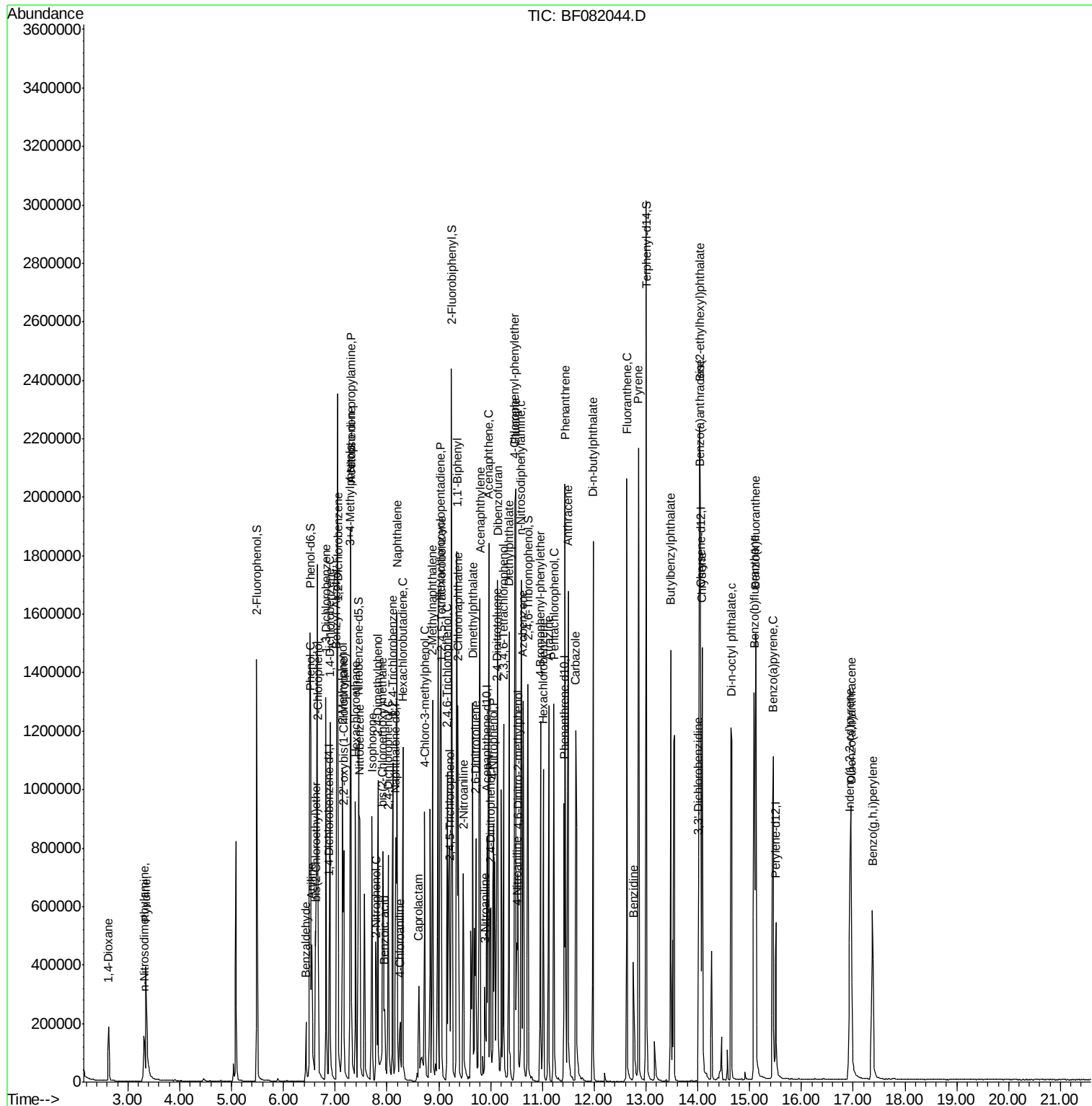
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
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Sample    : PB85905BSD
Misc      :
ALS Vial  : 4 Sample Multiplier: 1
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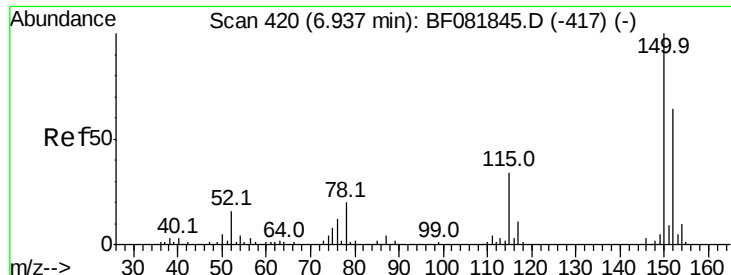
Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

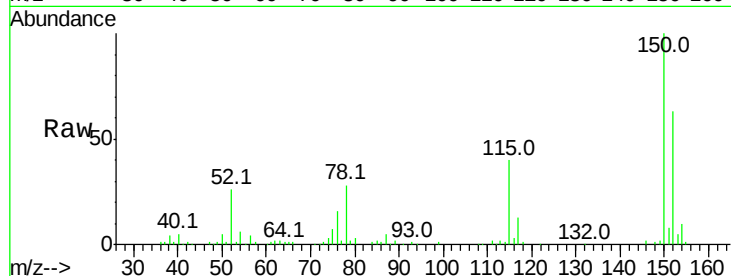
ClientSampleId :

PB85905BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.7	187.1
115	63.7	39.0	58.4

Manual Integrations
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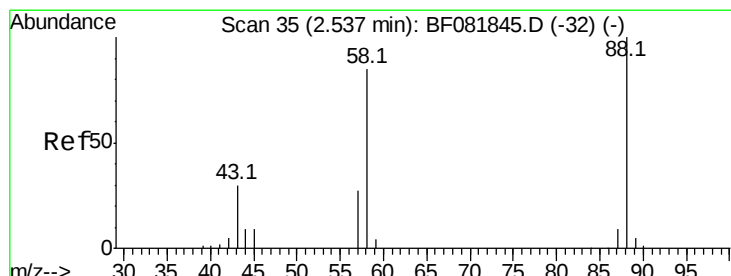
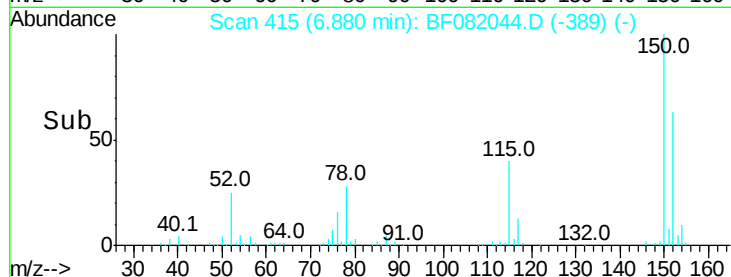
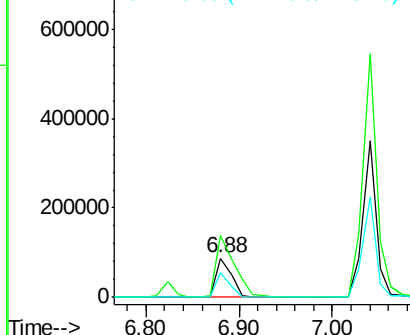
MMDadoda
10/6/2015 2:53:54 PM



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: 37.65 ng

RT: 2.63 min Scan# 43

Delta R.T. 0.13 min

Lab File: BF082044.D

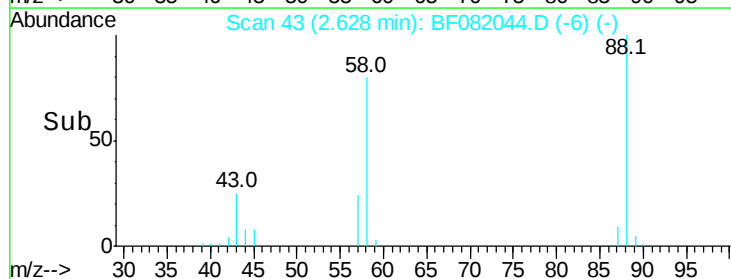
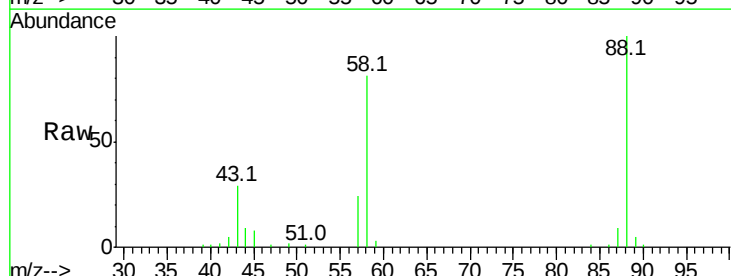
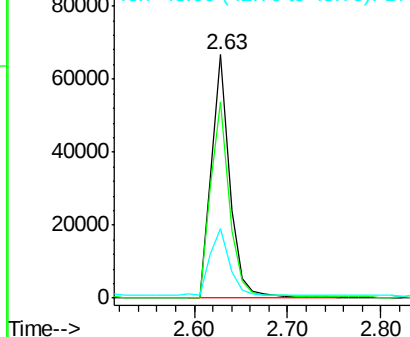
Acq: 5 Oct 2015 14:21

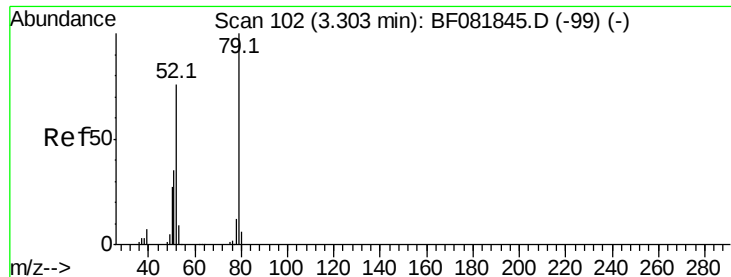
Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	77.7	116.5
43	28.4	26.6	40.0

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





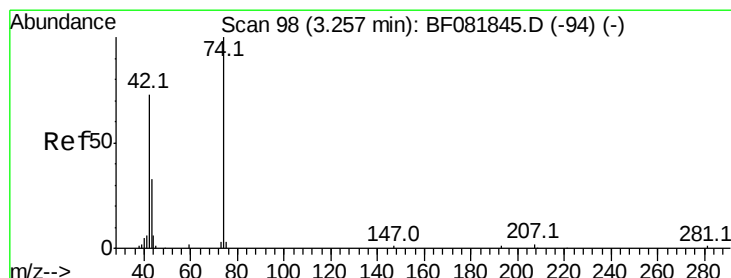
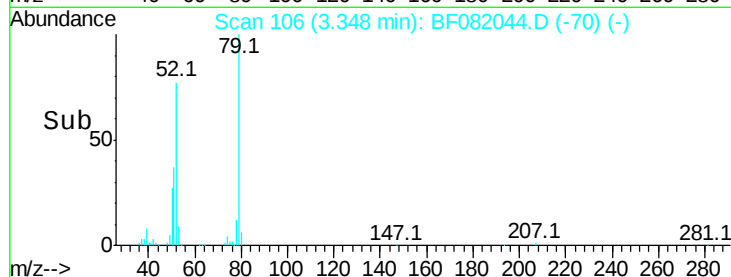
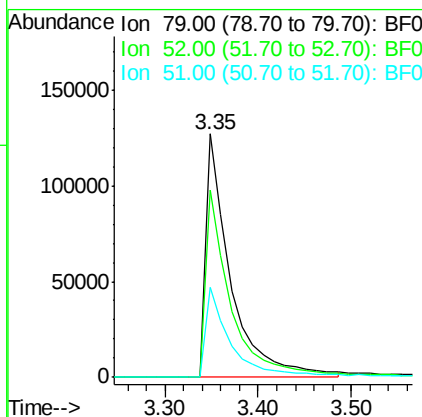
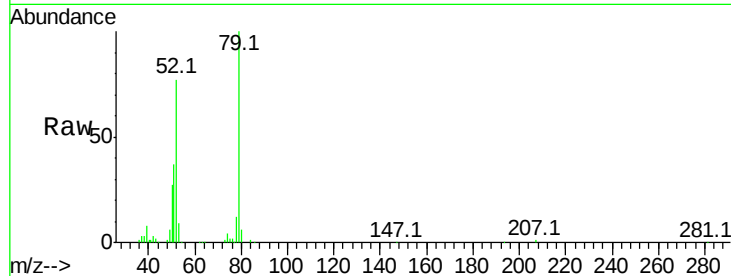
#3
 Pvridine
 Concen: 37.13 ng
 RT: 3.35 min Scan# 106
 Delta R.T. 0.11 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
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 ClientSampleId :
 PB85905BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.9	76.8	115.2
51	36.9	32.2	48.4

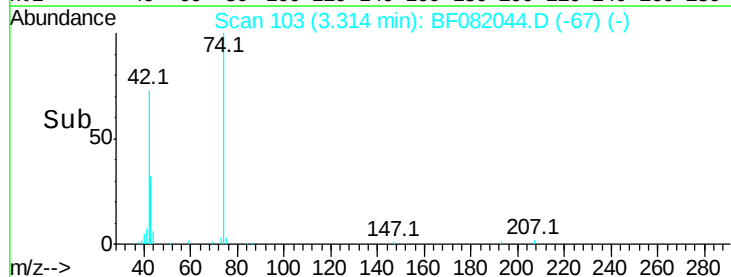
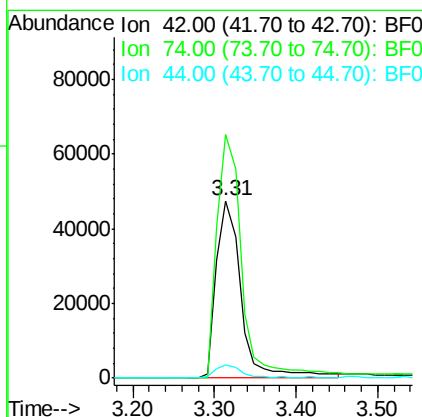
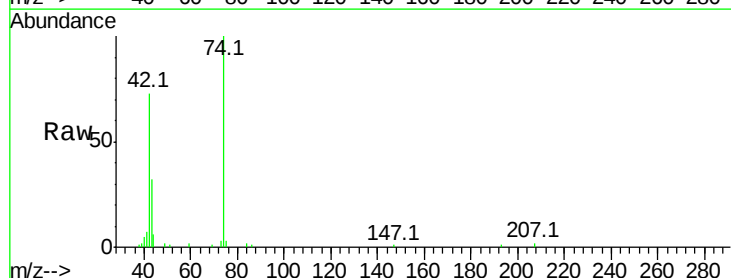
Manual Integrations
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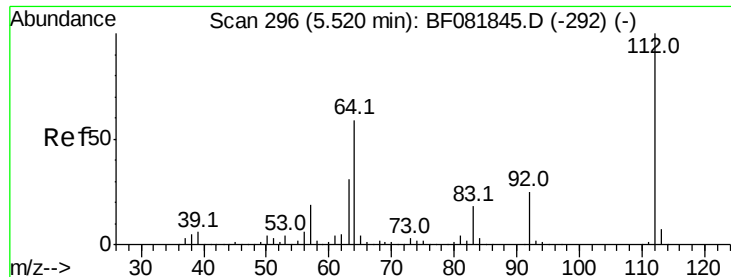
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#4
 n-Nitrosodimethylamine
 Concen: 35.18 ng
 RT: 3.31 min Scan# 103
 Delta R.T. 0.11 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.1	105.0	157.6
44	7.7	6.6	10.0





#5

2-Fluorophenol

Concen: 84.28 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

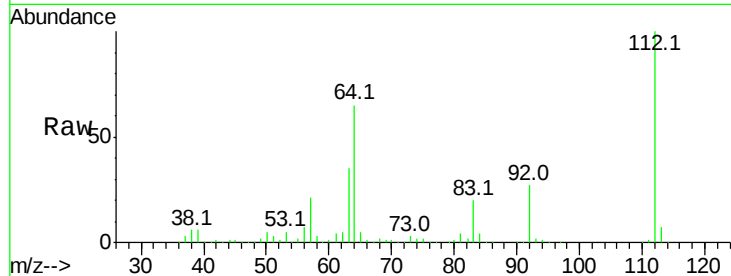
ClientSampleId :

PB85905BSD

Tot Ion:	112	Resp:	475691
Ion Ratio	Lower	Upper	
112	100		
64	65.3	39.7	59.5#
63	34.7	17.4	26.0#

Manual Integrations
APPROVED

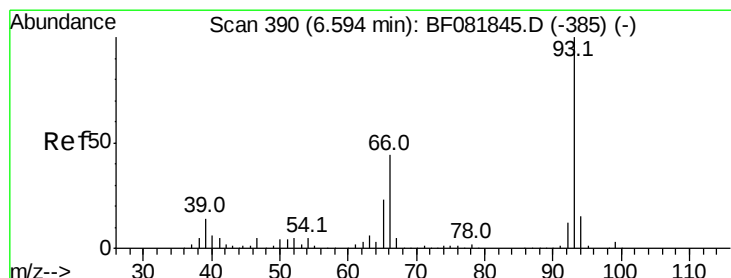
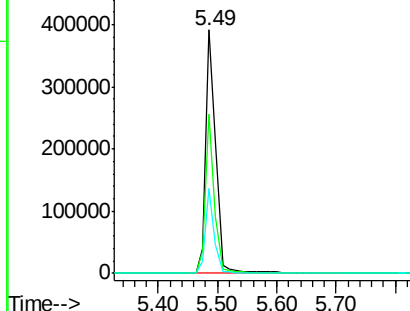
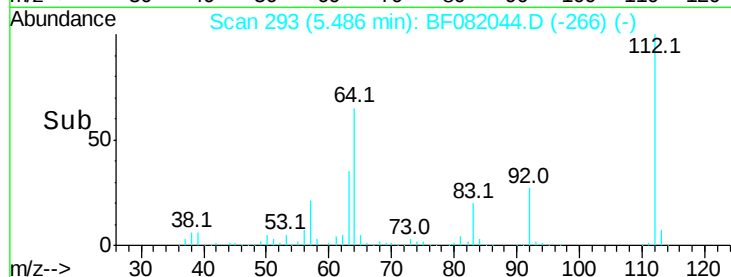
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.14 ng

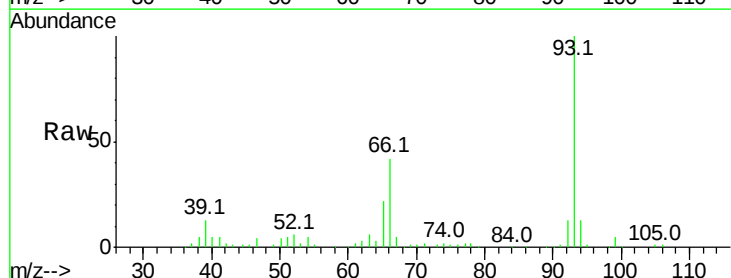
RT: 6.55 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

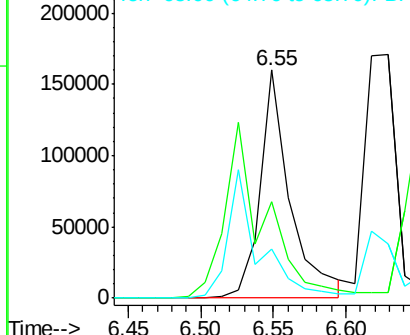
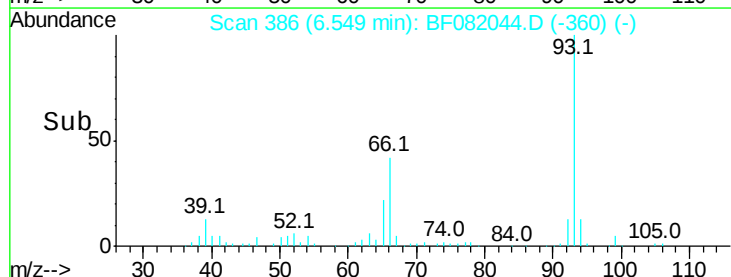
Tgt Ion:	93	Resp:	230368
Ion Ratio	Lower	Upper	
93	100		
66	42.2	27.2	40.8#
65	21.6	14.7	22.1

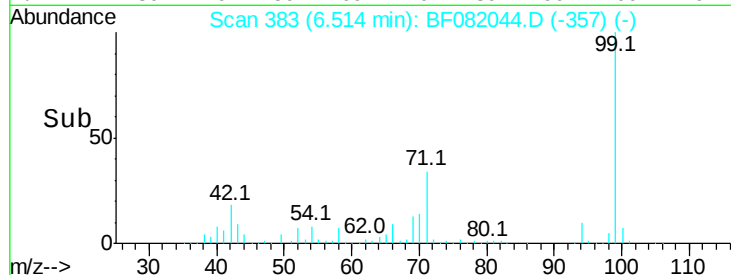
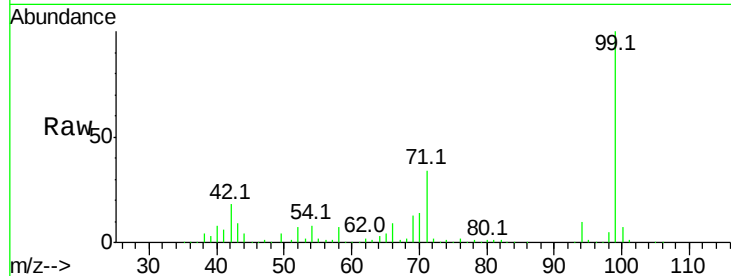
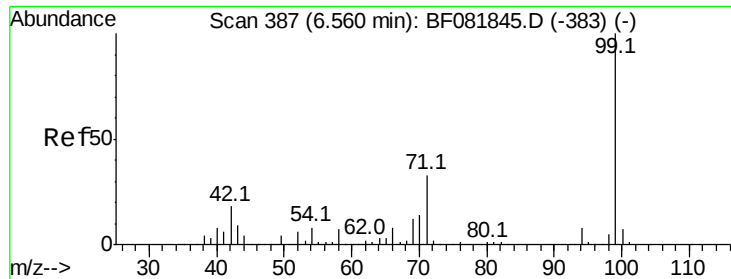


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 87.64 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tot Ion:	99	Resp:	622434
Ion Ratio	Lower	Upper	
99	100		
42	18.3	13.7	20.5
71	34.1	14.2	21.2#

Instrument :

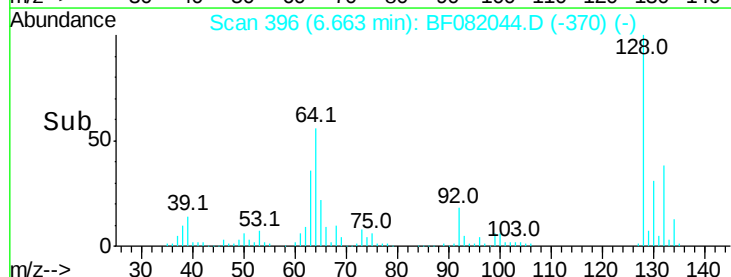
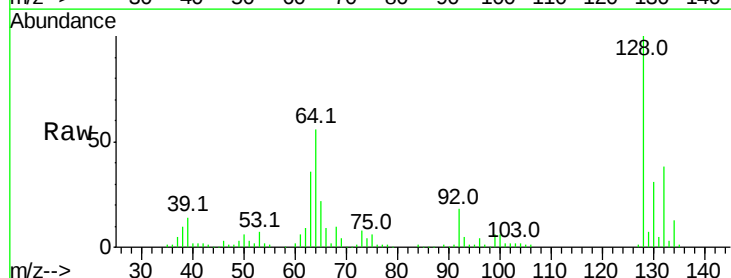
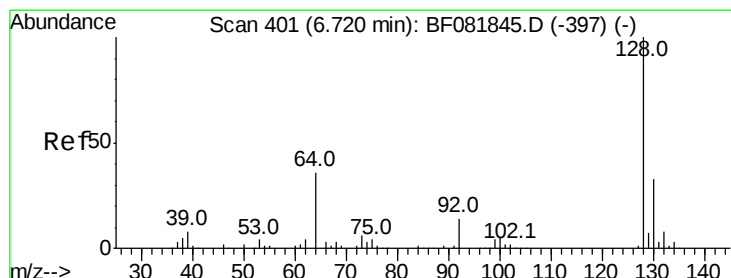
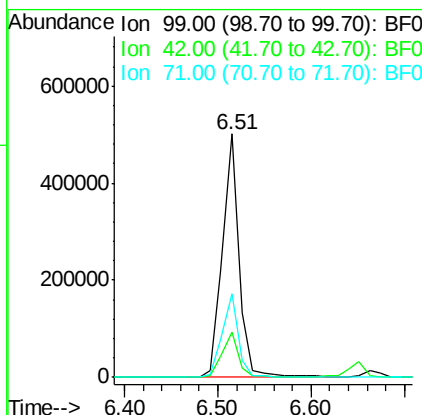
BNA_F

ClientSampleId :

PB85905BSD

Manual Integrations
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10/6/2015 2:53:54 PM



#8

2-Chlorophenol

Concen: 43.39 ng

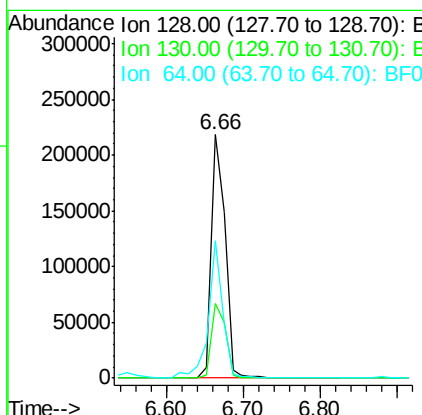
RT: 6.66 min Scan# 396

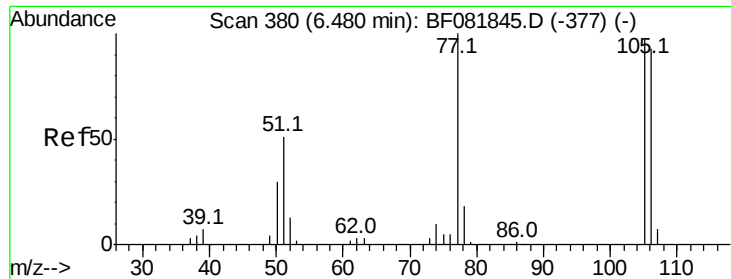
Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion:	128	Resp:	270452
Ion Ratio	Lower	Upper	
128	100		
130	30.9	12.2	52.2
64	56.3	20.5	60.5





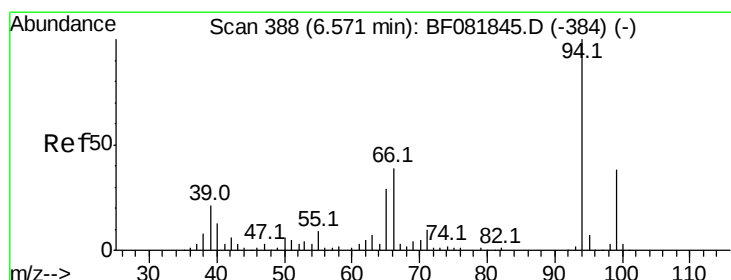
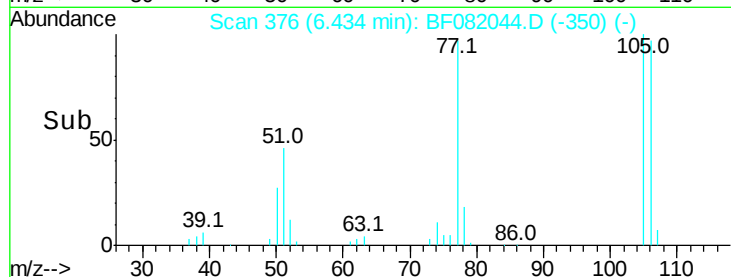
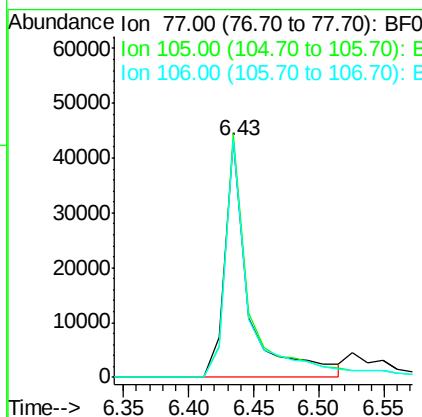
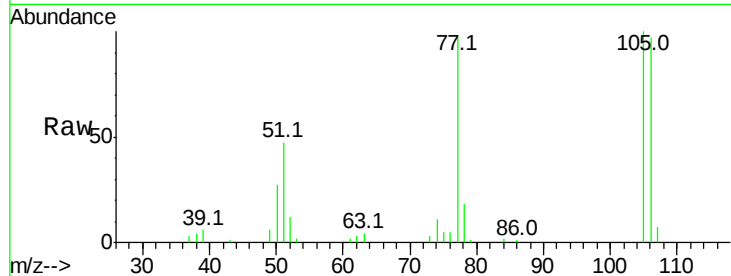
#9
Benzaldehyde
Concen: 12.01 ng
RT: 6.43 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.8	91.6	131.6
106	99.9	102.6	142.6

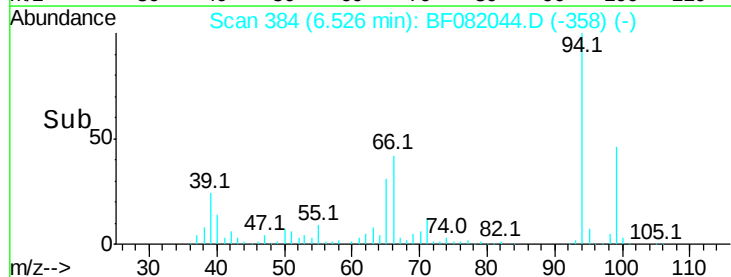
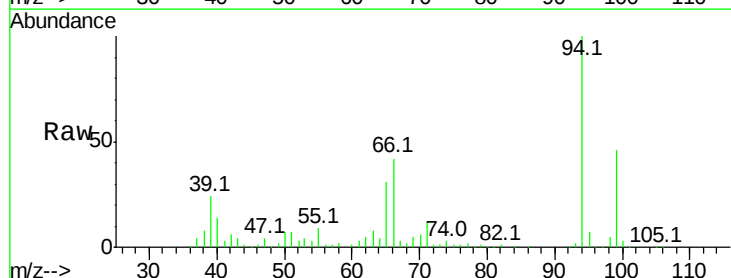
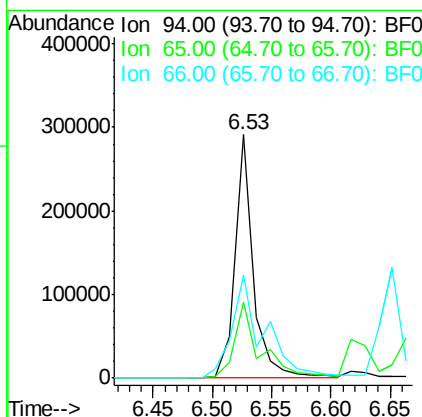
Manual Integrations
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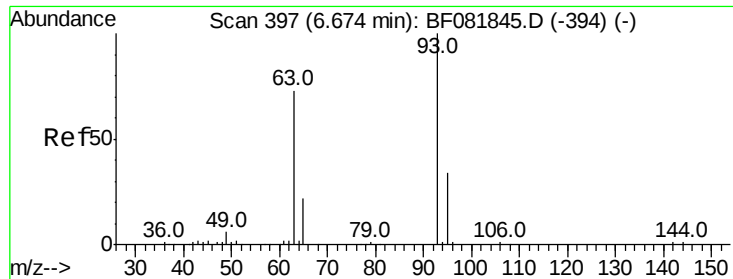
MMDadoda
10/6/2015 2:53:54 PM



#10
Phenol
Concen: 39.45 ng
RT: 6.53 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.0	0.7	40.7
66	42.2	0.8	40.8





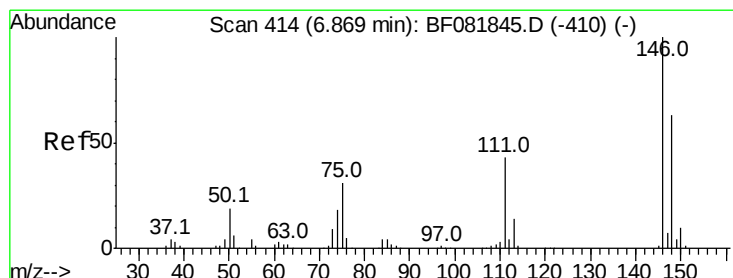
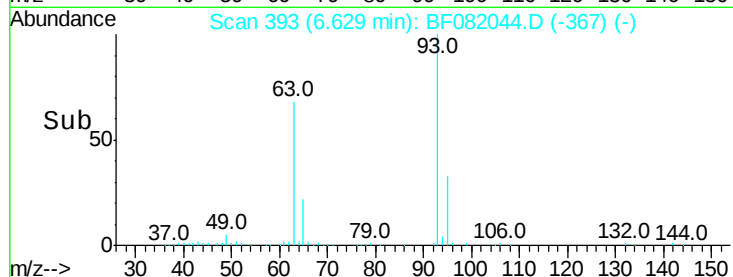
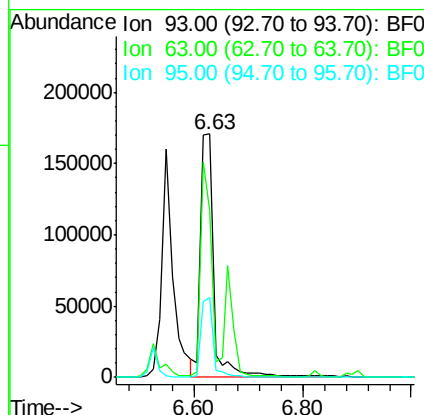
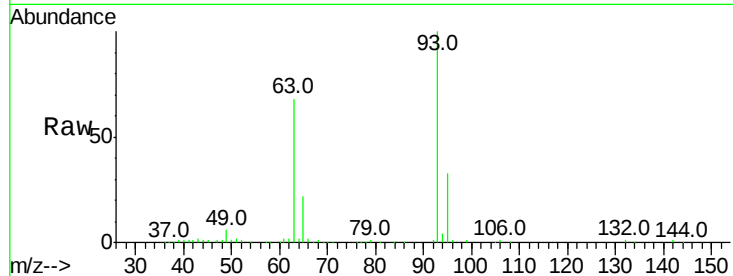
#11
bis(2-Chloroethyl)ether
Concen: 45.71 ng
RT: 6.63 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	282412		
63	68.5		65.6	105.6
95	32.7		13.6	53.6

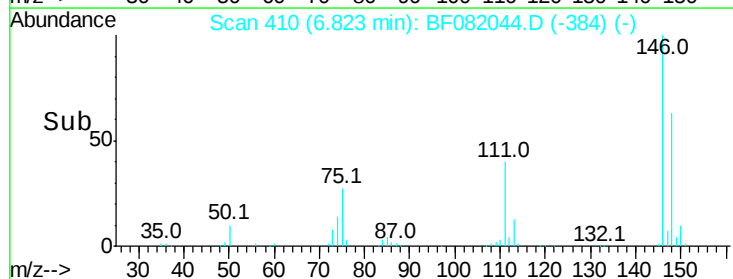
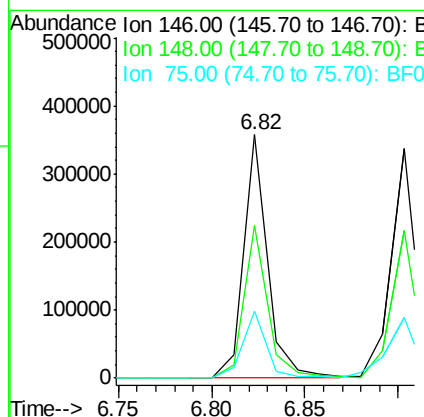
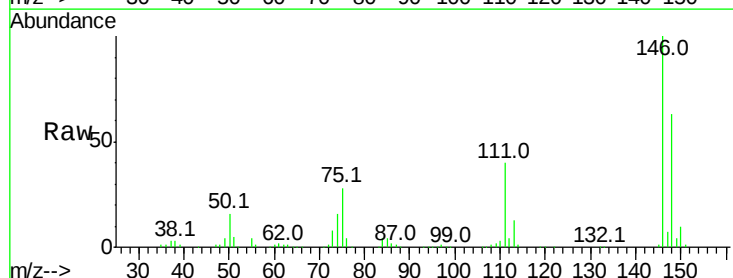
Manual Integrations
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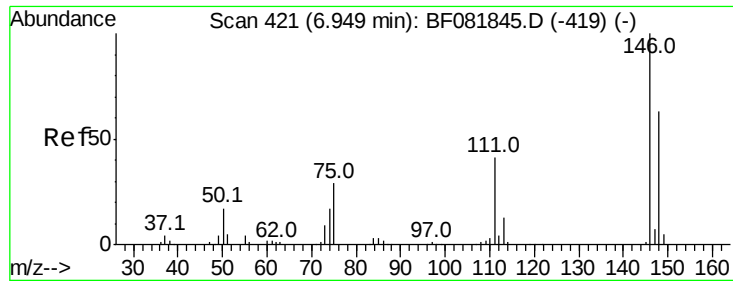
MMDadoda
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#12
1,3-Dichlorobenzene
Concen: 43.53 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	320522		
148	63.0		51.0	76.4
75	27.6		15.0	22.6#





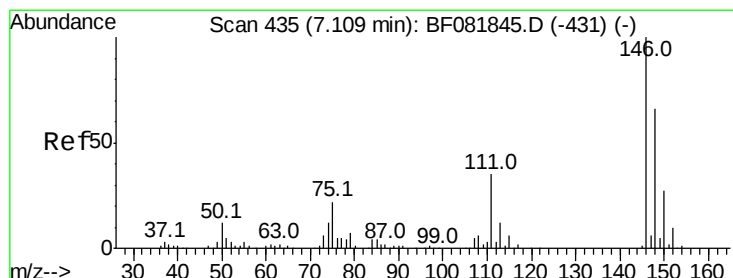
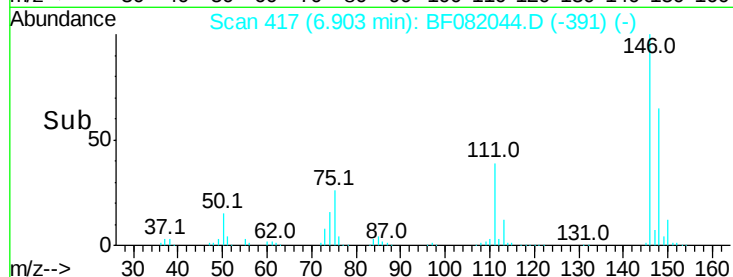
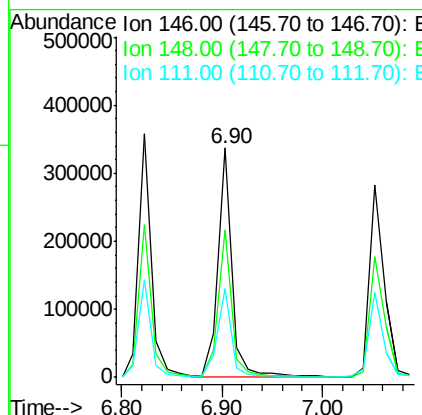
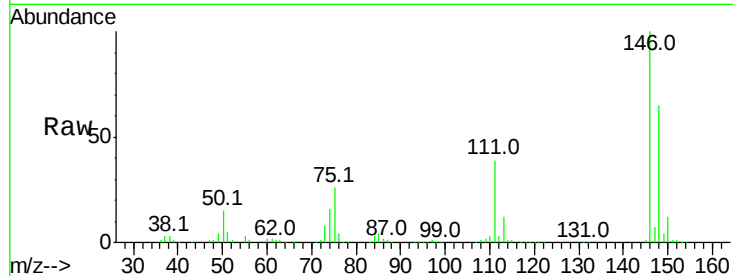
#13
 1,4-Dichlorobenzene
 Concen: 42.90 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	329806		
148	64.6	51.8	77.6	
111	38.7	24.9	37.3	

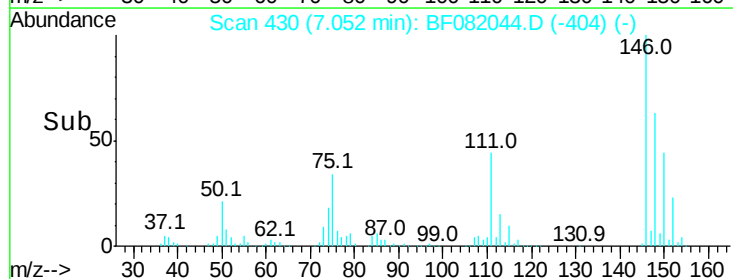
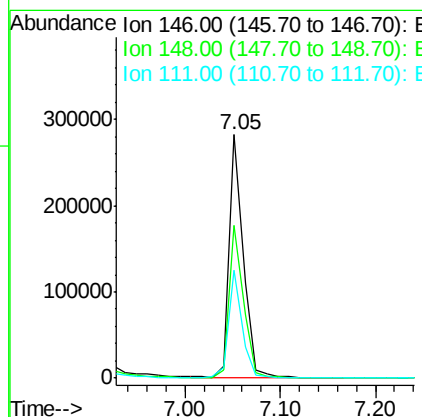
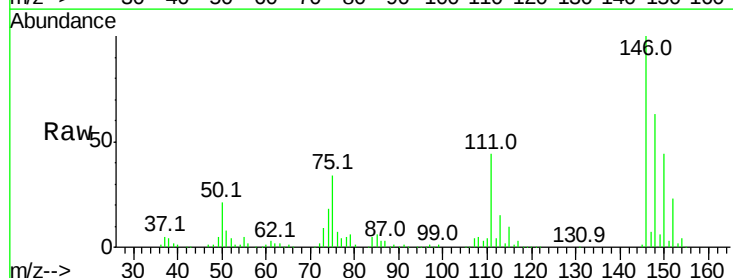
Manual Integrations
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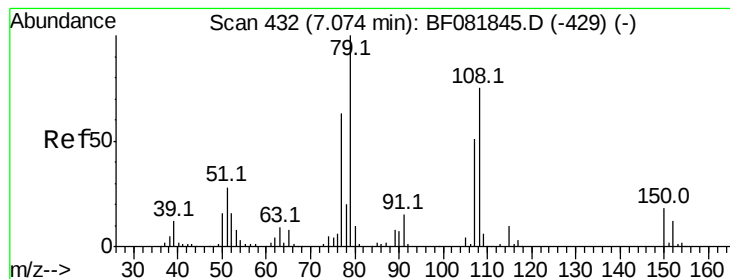
MMDadoda
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#14
 1,2-Dichlorobenzene
 Concen: 43.17 ng m
 RT: 7.05 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	295740		
148	62.7	52.7	79.1	
111	44.3	28.8	43.2	





#15

Benzyl Alcohol

Concen: 40.98 ng

RT: 7.03 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

Tot Ion: 79 Resp: 210119

Ion Ratio Lower Upper

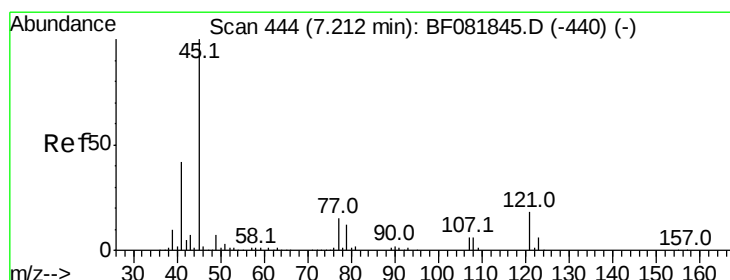
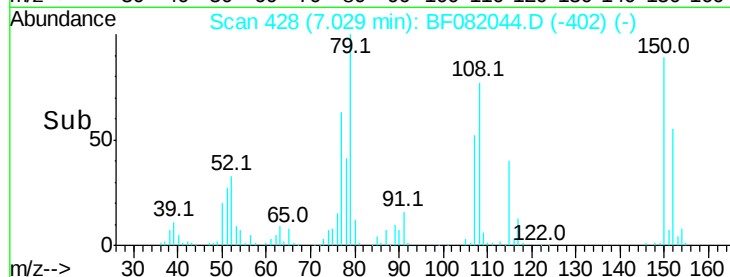
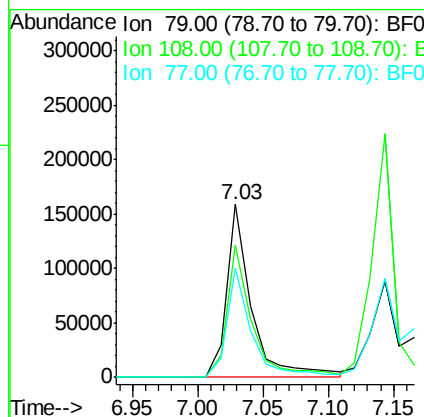
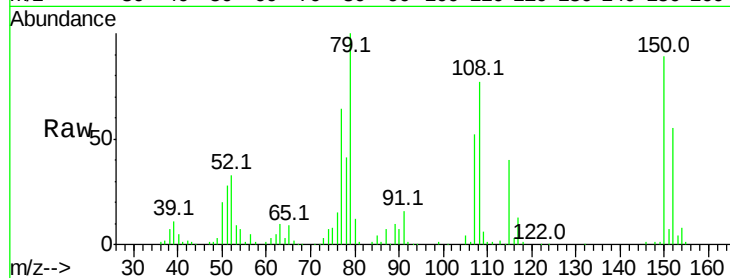
79 100

108 76.7 88.6 132.8#

77 63.6 47.0 70.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.41 ng

RT: 7.17 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

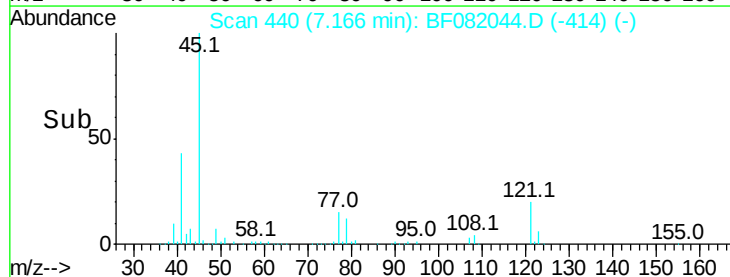
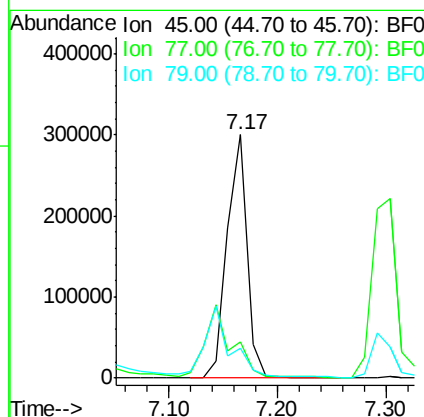
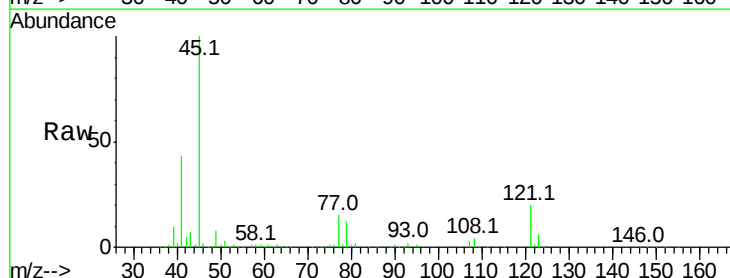
Tgt Ion: 45 Resp: 379197

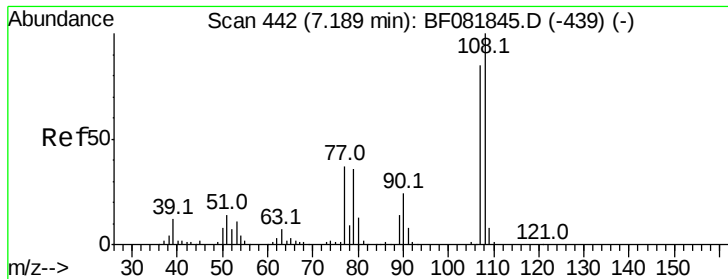
Ion Ratio Lower Upper

45 100

77 15.0 0.0 28.1

79 12.3 0.0 26.0





#17

2-Methylphenol

Concen: 45.29 ng

RT: 7.14 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

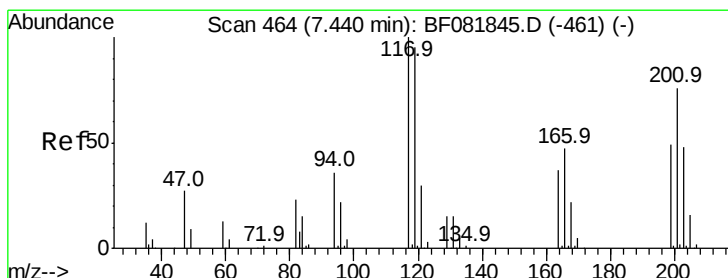
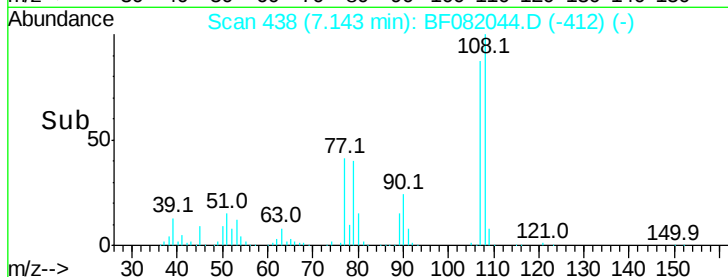
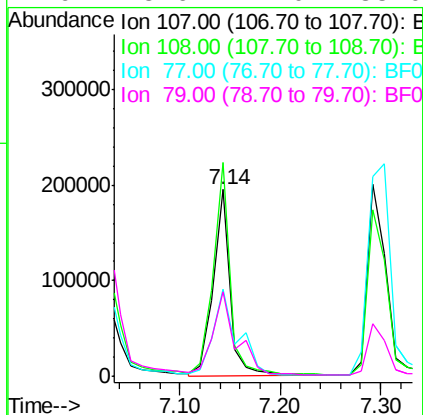
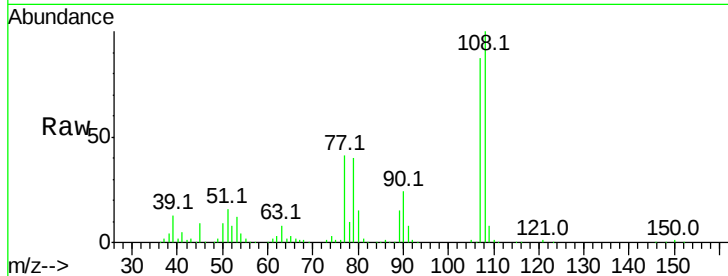
ClientSampleId :

PB85905BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		228881		
108	114.6	96.6	145.0		
77	46.5	23.3	34.9#		
79	45.6	22.0	33.0#		

Manual Integrations
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#18

Hexachloroethane

Concen: 44.81 ng

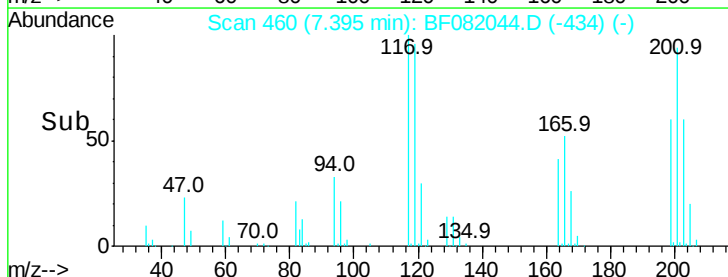
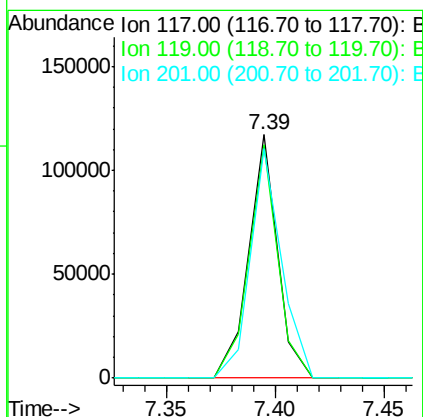
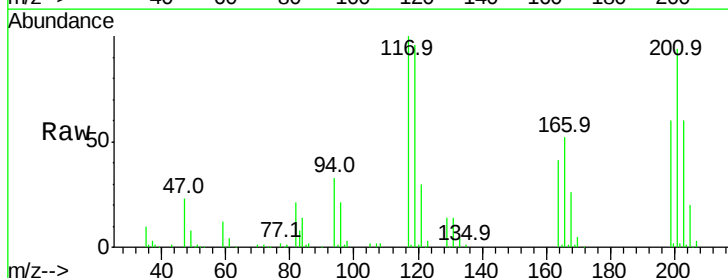
RT: 7.39 min Scan# 460

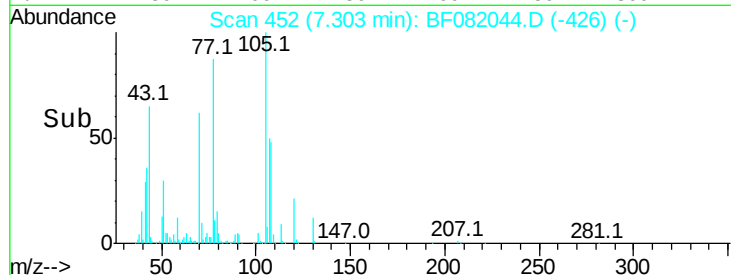
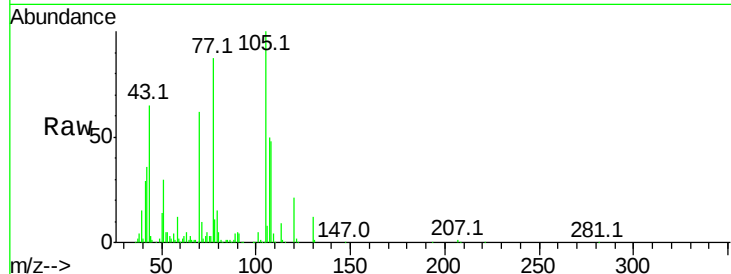
Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		107847		
119	96.0	83.8	125.6		
201	94.1	55.1	82.7#		





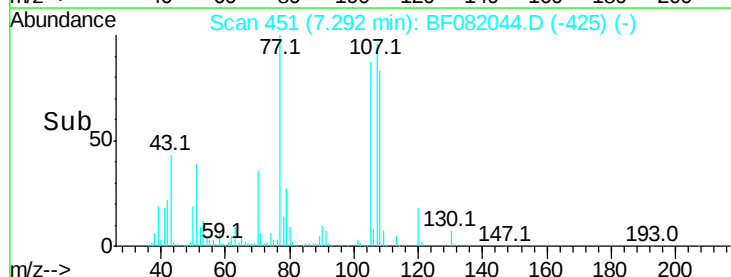
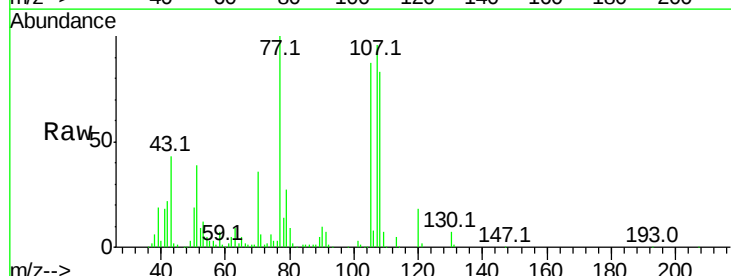
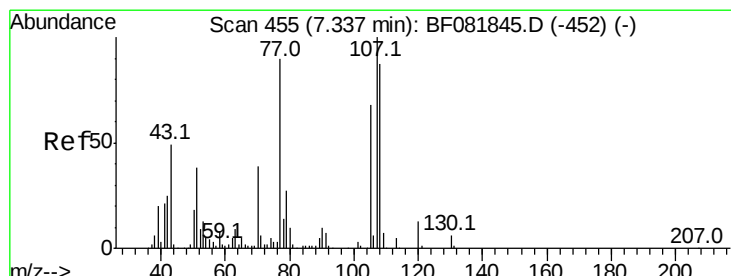
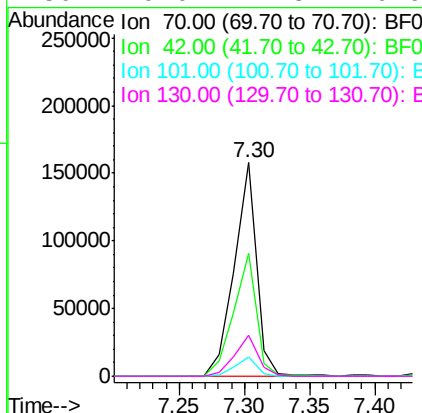
#19
n-Nitroso-di-n-propylamine
Concen: 43.52 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

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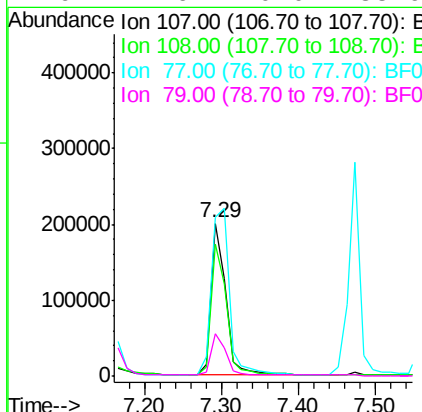
MMDadoda
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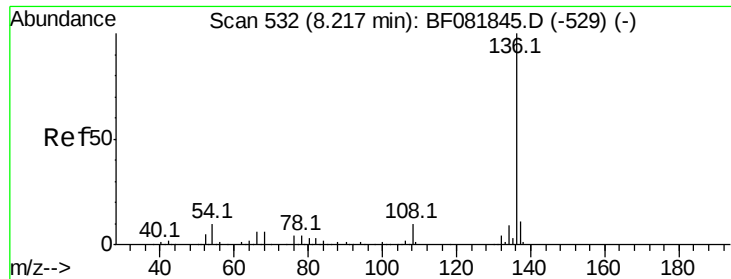
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.6	63.8	95.6#
101	8.8	9.2	13.8#
130	19.0	27.3	40.9#



#20
3+4-Methylphenols
Concen: 41.69 ng
RT: 7.29 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	74.6	114.6
77	103.9	0.7	40.7#
79	27.6	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

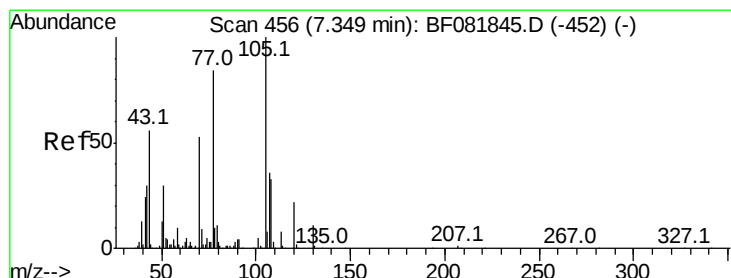
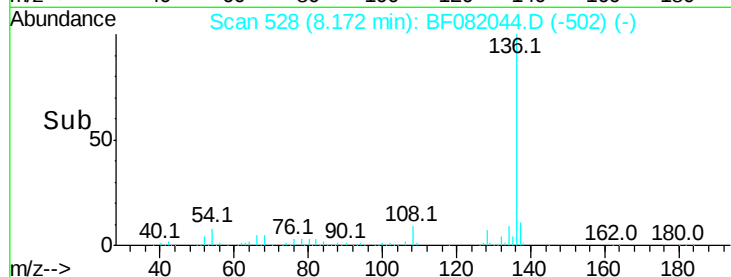
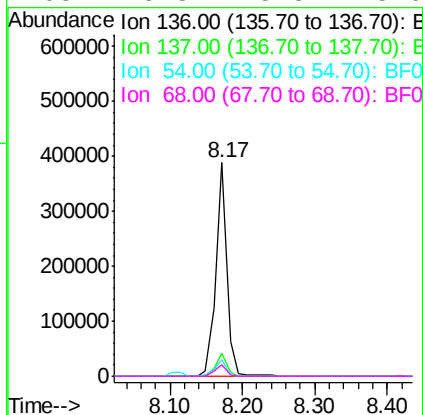
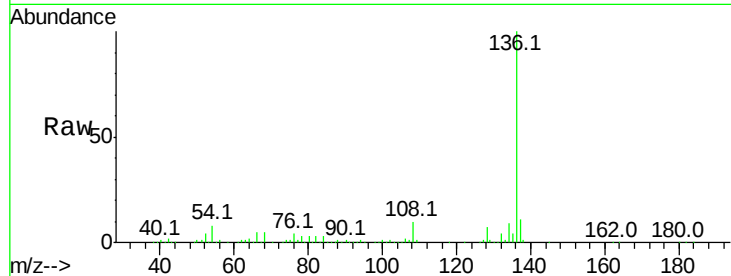
ClientSampleId :

PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.0	13.6	
54	7.9	8.2	12.2#	
68	5.3	5.8	8.6#	

Manual Integrations
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#22

Acetophenone

Concen: 44.49 ng

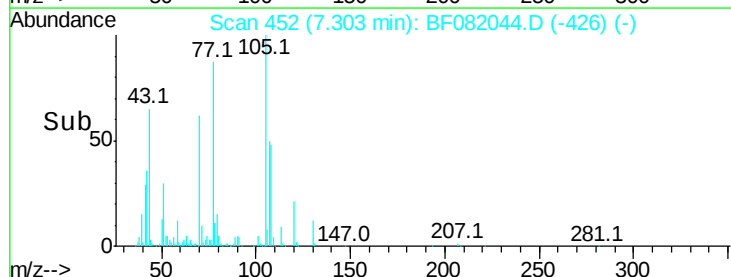
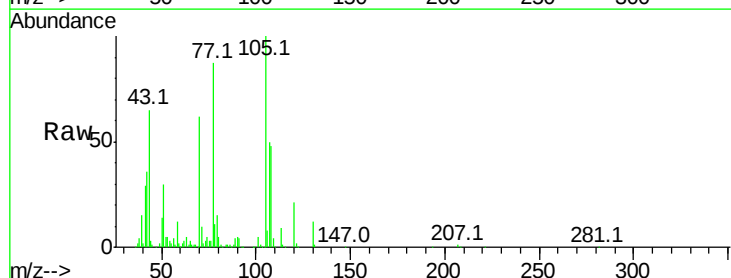
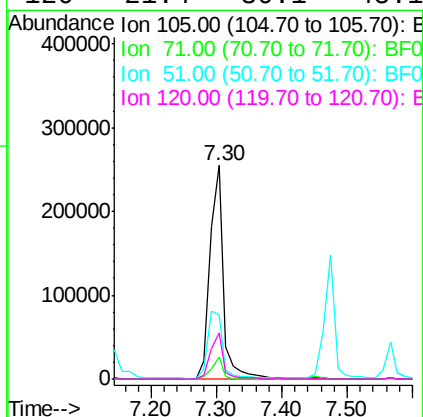
RT: 7.30 min Scan# 452

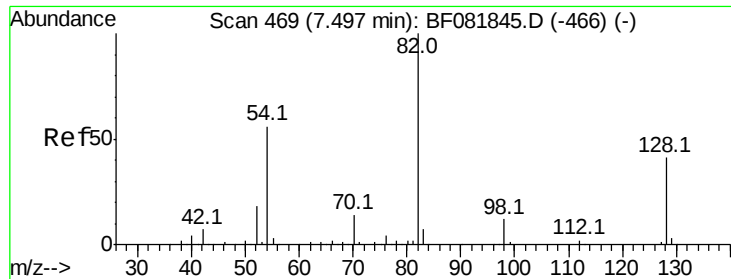
Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.0	4.7	7.1#	
51	30.0	22.0	33.0	
120	21.4	30.1	45.1#	





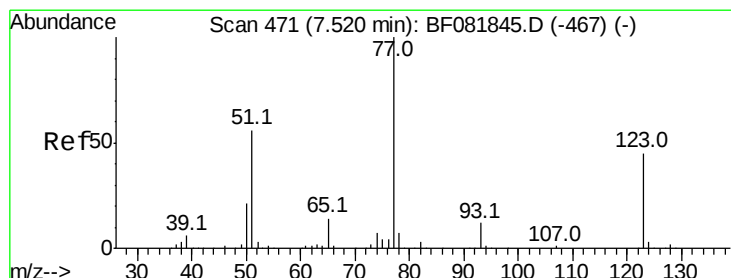
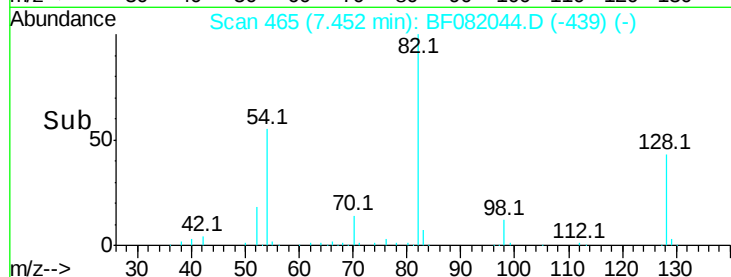
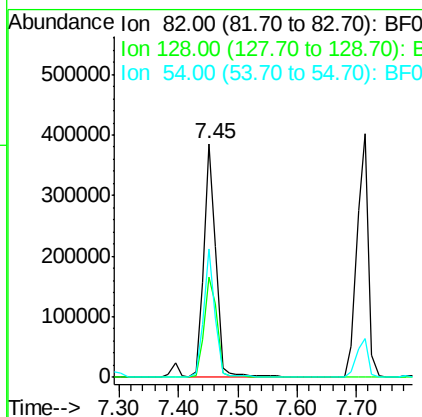
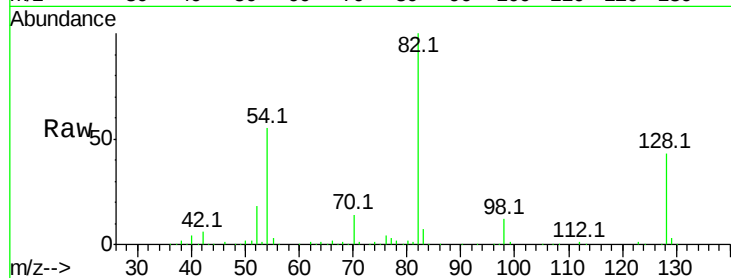
#23
 Nitrobenzene-d5
 Concen: 91.04 ng
 RT: 7.45 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleID :
 PB85905BSD

Tot Ion: 82 Resp: 563974
 Ion Ratio Lower Upper
 82 100
 128 43.0 51.0 76.6#
 54 55.0 47.5 71.3

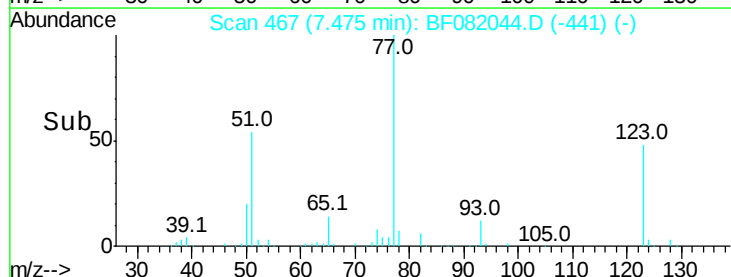
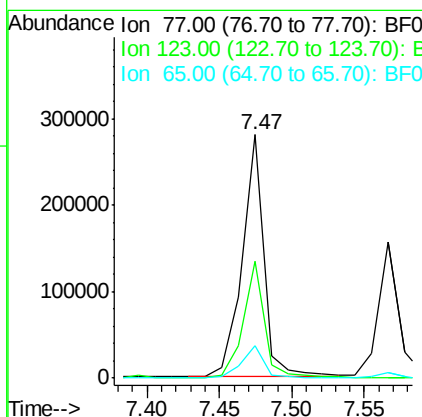
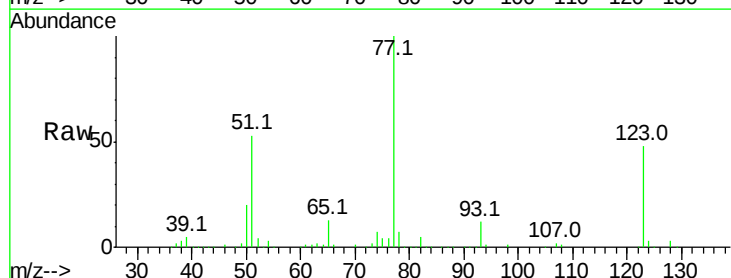
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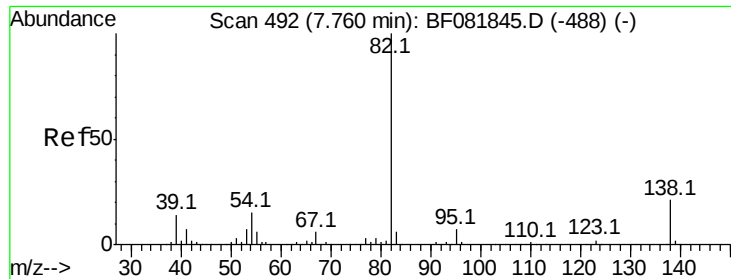
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#24
 Nitrobenzene
 Concen: 43.40 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion: 77 Resp: 291940
 Ion Ratio Lower Upper
 77 100
 123 48.0 59.8 89.8#
 65 13.4 10.2 15.4





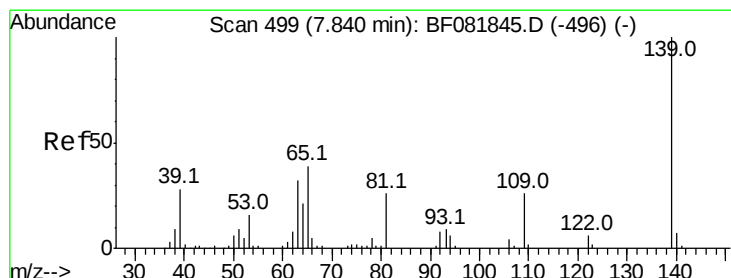
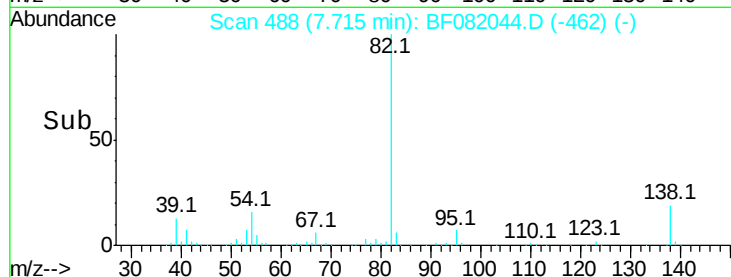
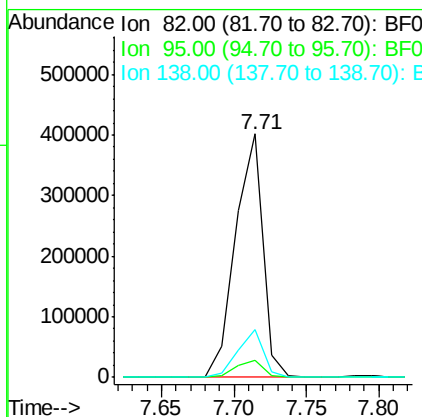
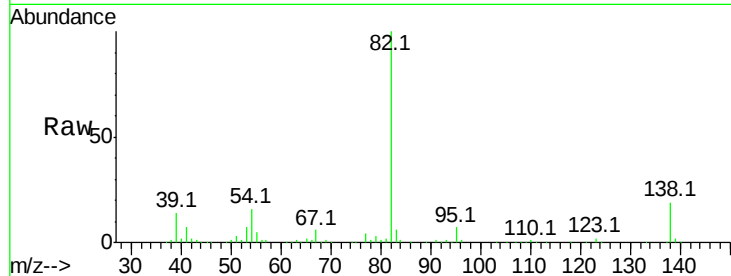
#25
Isophorone
Concen: 42.85 ng
RT: 7.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3	4.0	6.0#	
138	19.4	18.3	27.5	

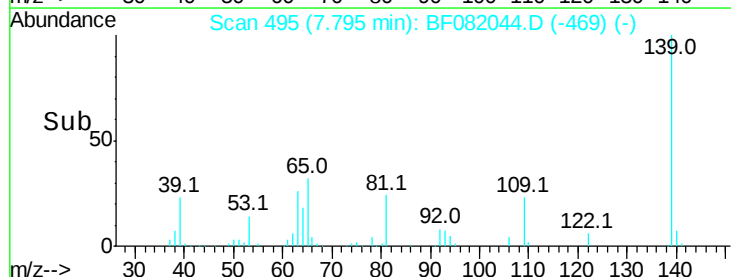
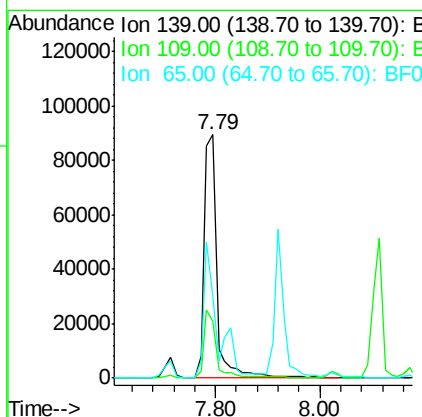
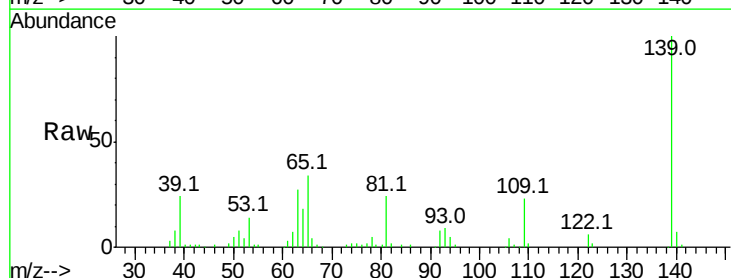
Manual Integrations
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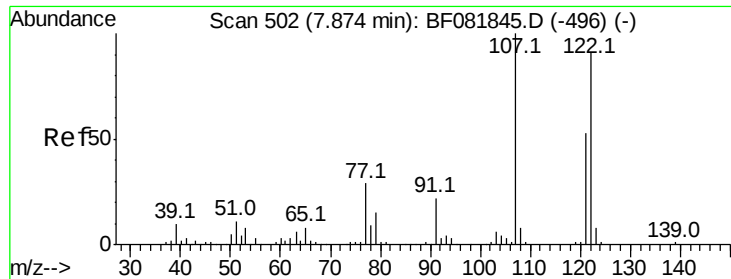
MMDadoda
10/6/2015 2:53:54 PM



#26
2-Nitrophenol
Concen: 46.82 ng
RT: 7.79 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	23.4	11.0	16.4#	
65	33.8	24.7	37.1	





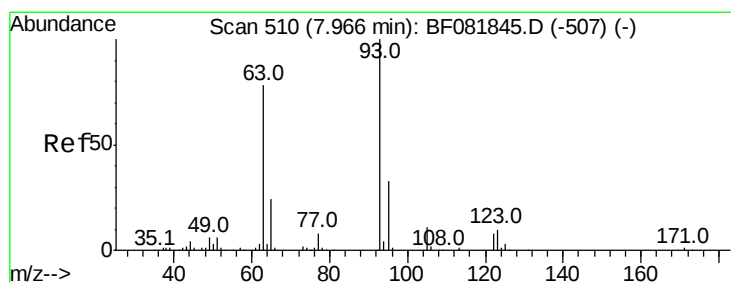
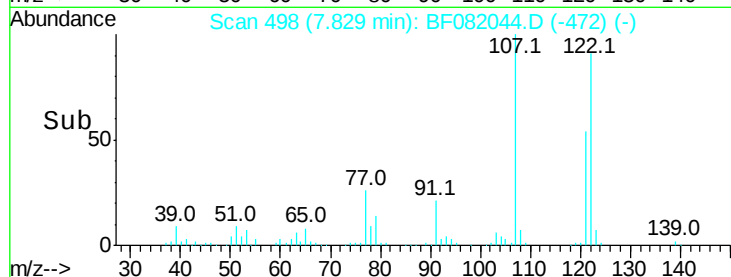
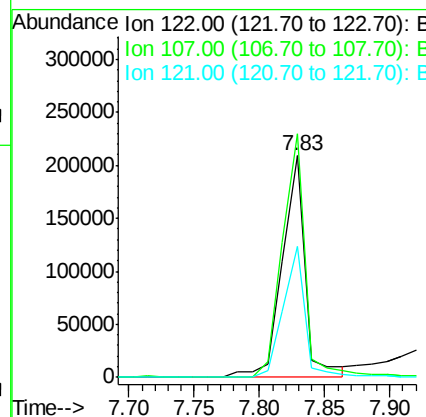
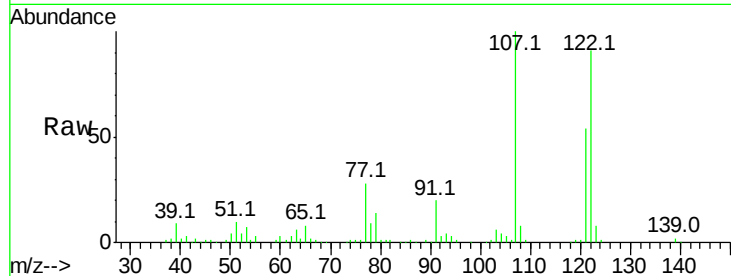
#27
 2,4-Dimethylphenol
 Concen: 45.63 ng
 RT: 7.83 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	71.8	107.6#
121	58.9	42.3	63.5

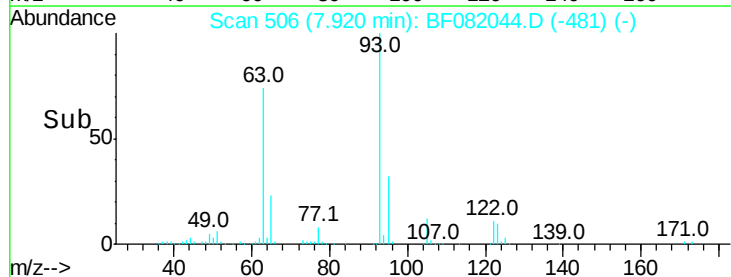
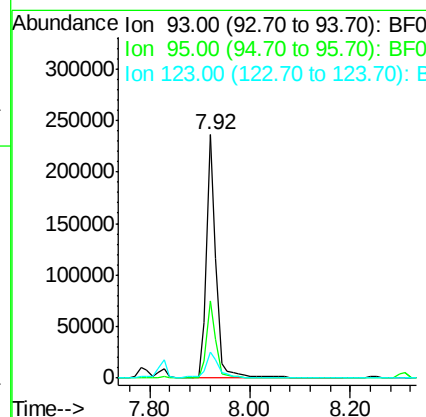
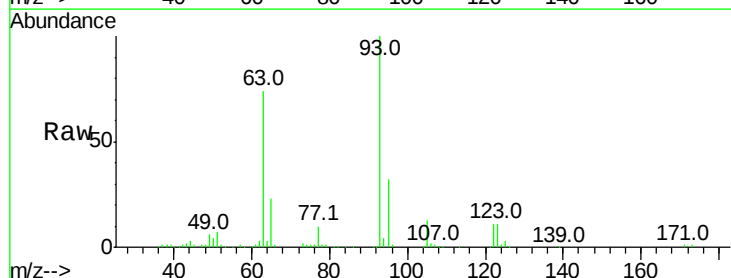
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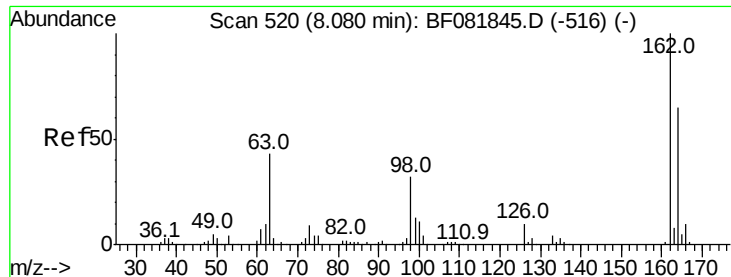
MMDadoda
 10/6/2015 2:53:54 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.34 ng
 RT: 7.92 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	27.5	41.3
123	10.5	13.7	20.5#





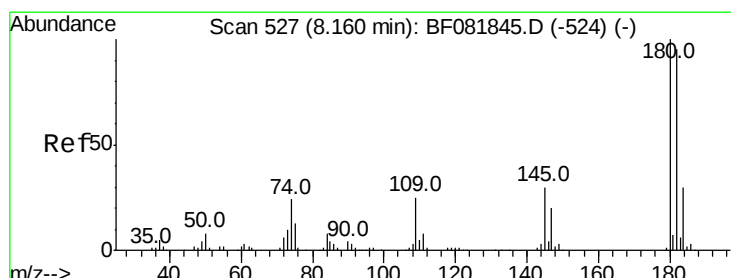
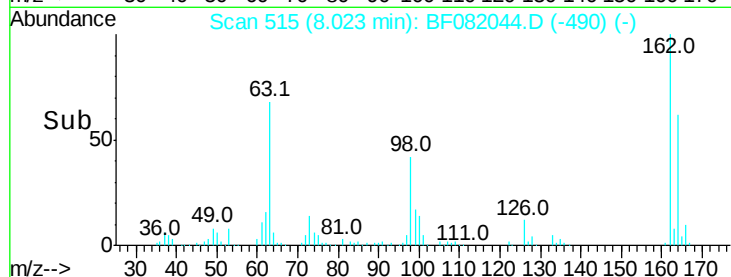
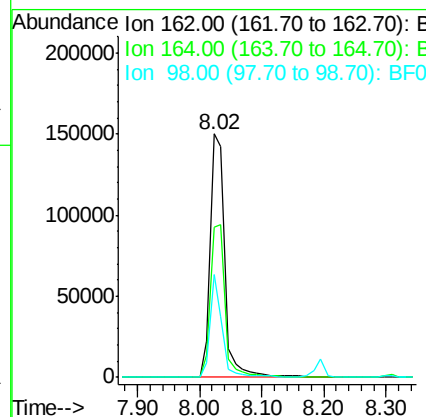
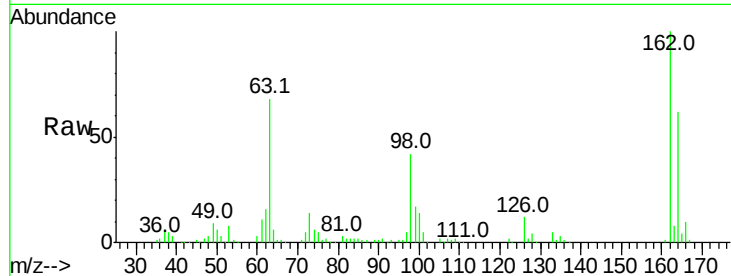
#29
 2,4-Dichlorophenol
 Concen: 45.02 ng
 RT: 8.02 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.9	44.9	84.9
98	42.5	13.0	53.0

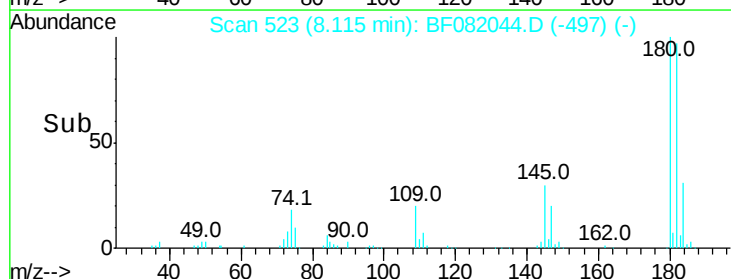
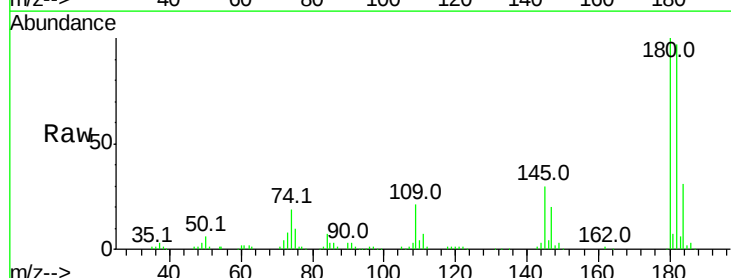
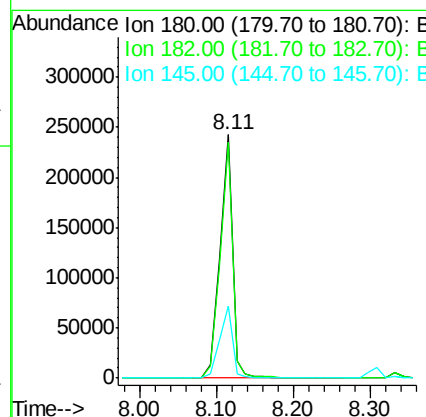
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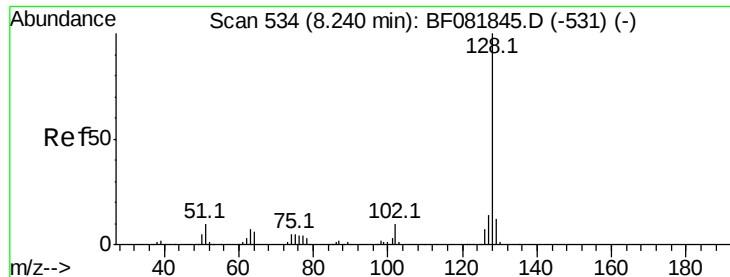
MMDadoda
 10/6/2015 2:53:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.85 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.0	77.1	115.7
145	29.6	23.3	34.9





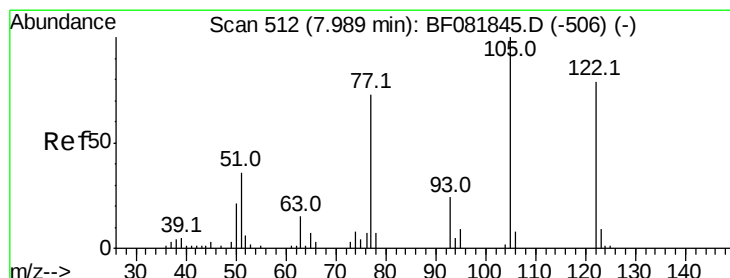
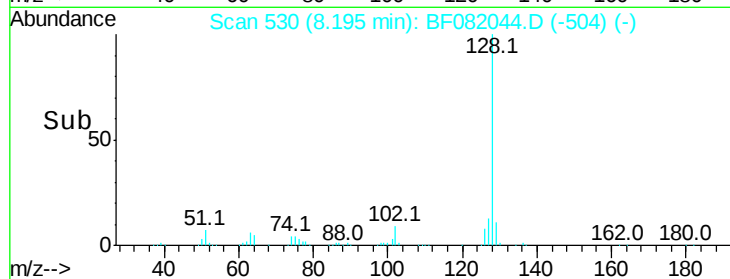
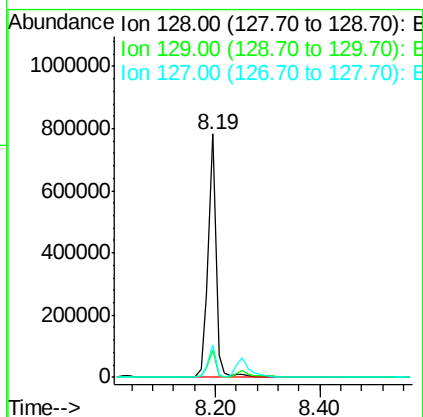
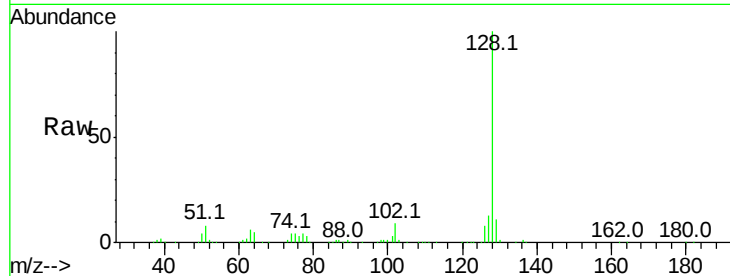
#31
Naphthalene
Concen: 45.13 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

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

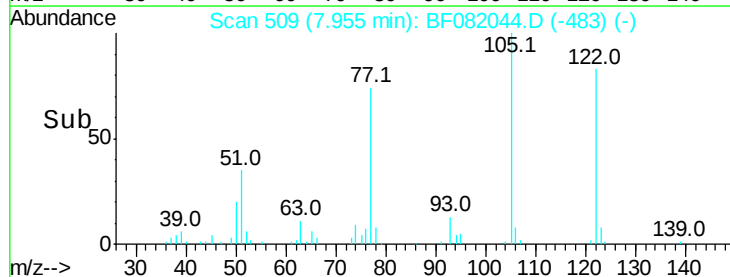
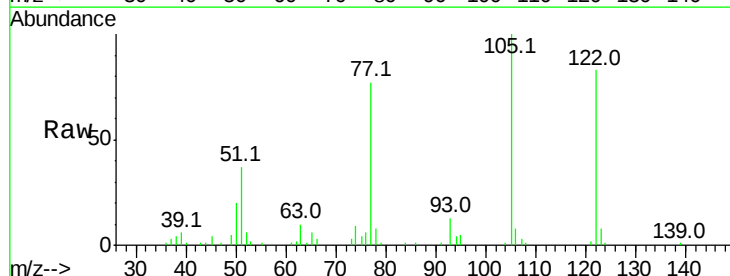
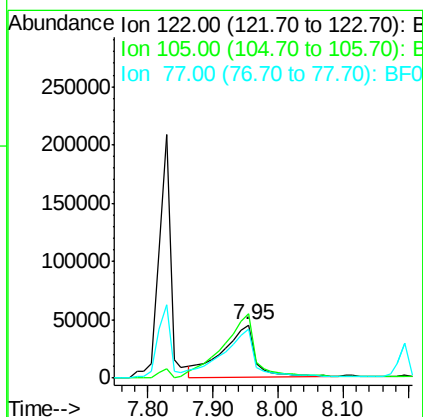
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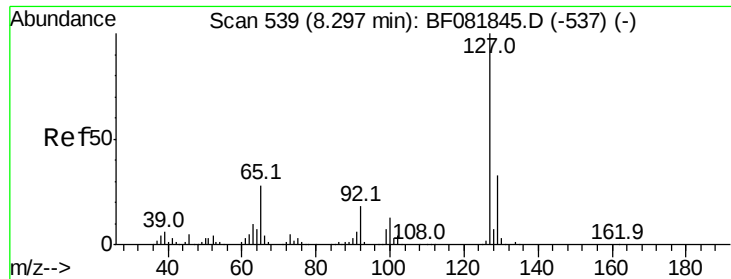
MMDadoda
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#32
Benzoic acid
Concen: 46.57 ng
RT: 7.95 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	120.9	76.1	116.1#
77	93.4	40.5	80.5#





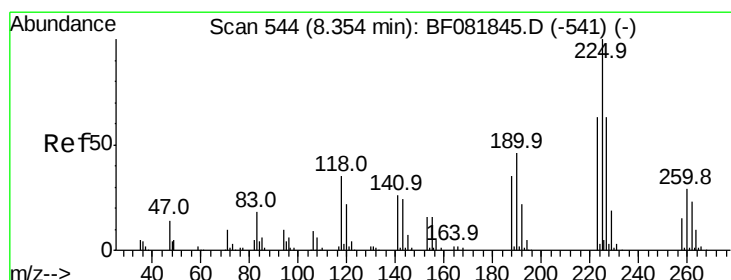
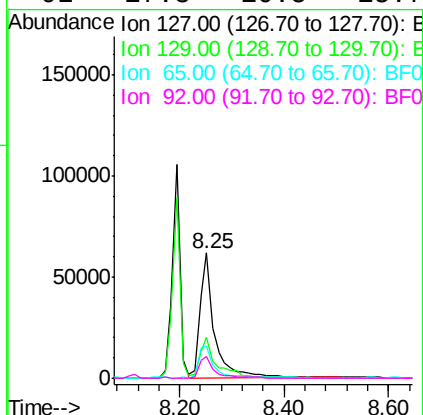
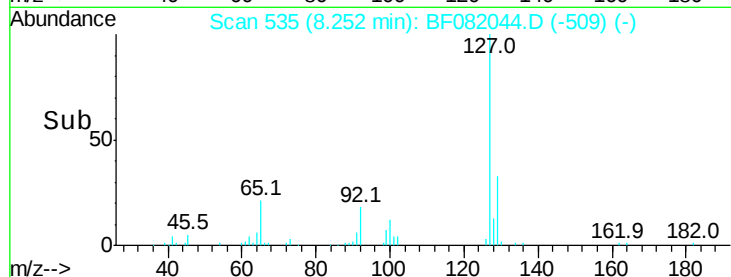
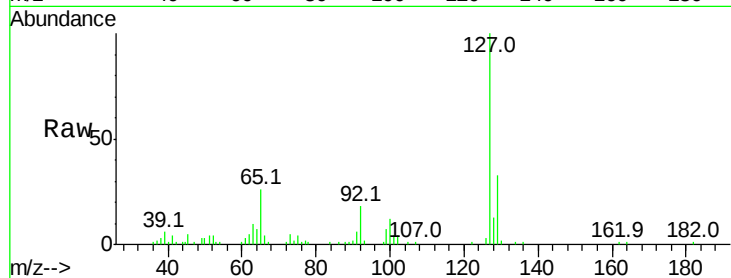
#33
4-Chloroaniline
Concen: 15.09 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.8	38.6		
65	25.9	17.9	26.9		
92	17.8	10.5	15.7		

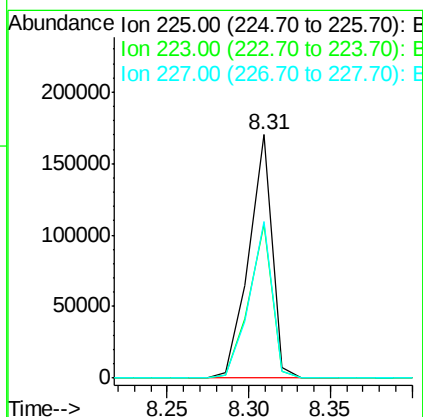
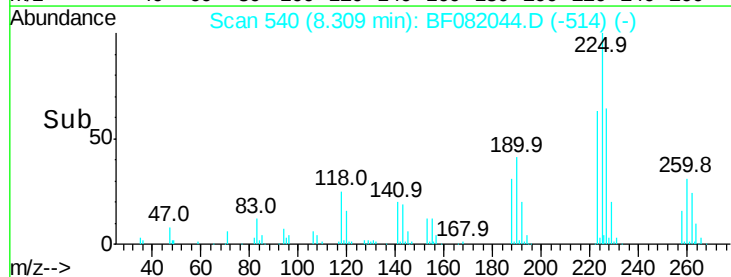
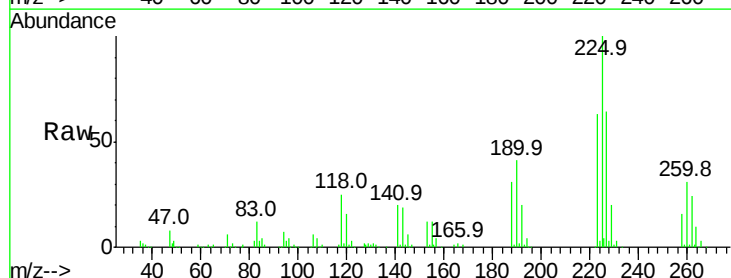
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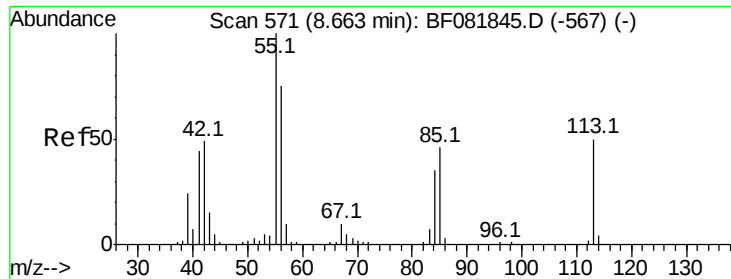
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#34
Hexachlorobutadiene
Concen: 46.45 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.2	75.2		
227	64.2	52.2	78.2		





#35

Caprolactam

Concen: 43.98 ng/ml

RT: 8.62 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

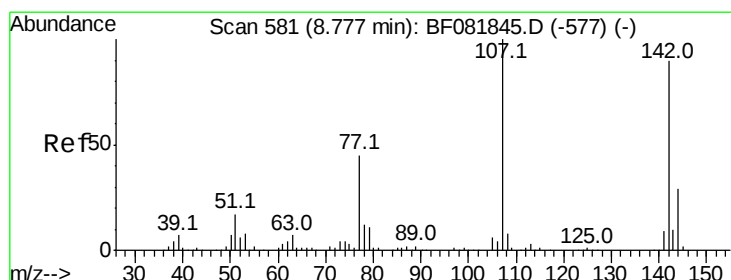
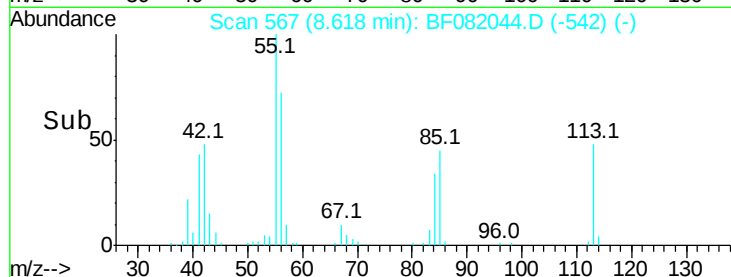
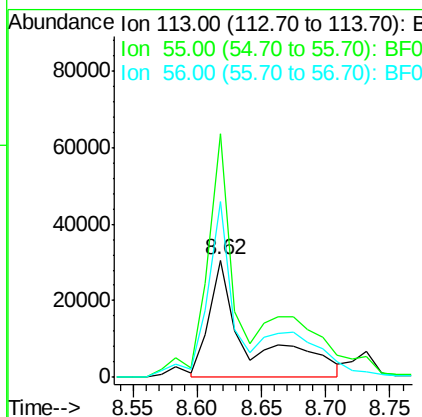
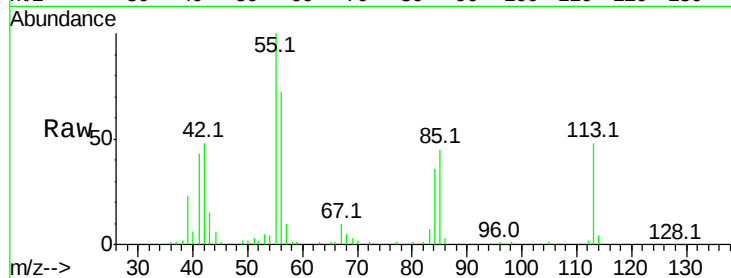
ClientSampleID :

PB85905BSD

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Tot Ion	Ratio	Lower	Upper
113	100		
55	208.2	152.4	192.4#
56	150.5	104.6	144.6#



#36

4-Chloro-3-methylphenol

Concen: 48.66 ng/ml

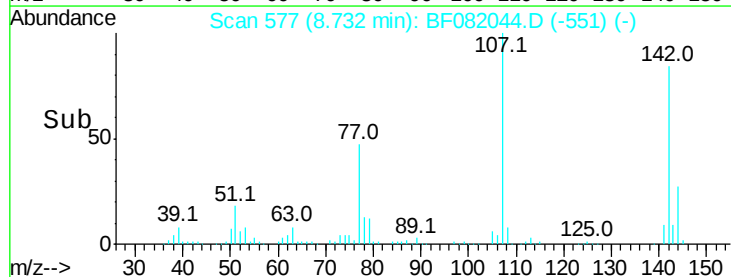
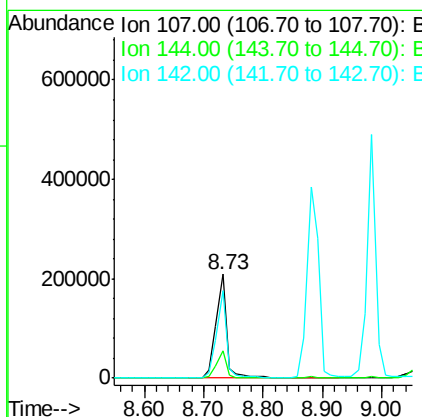
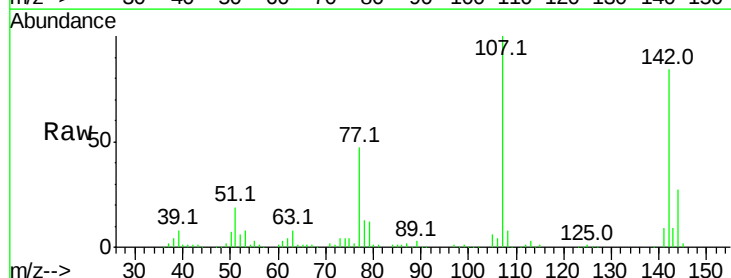
RT: 8.73 min Scan# 577

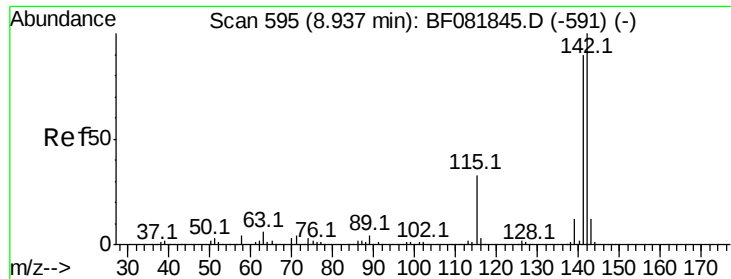
Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	25.4	38.0
142	84.4	77.3	115.9





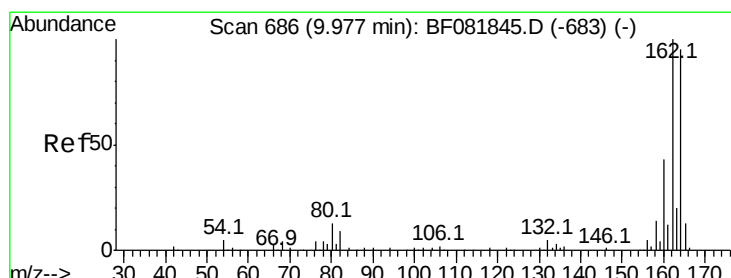
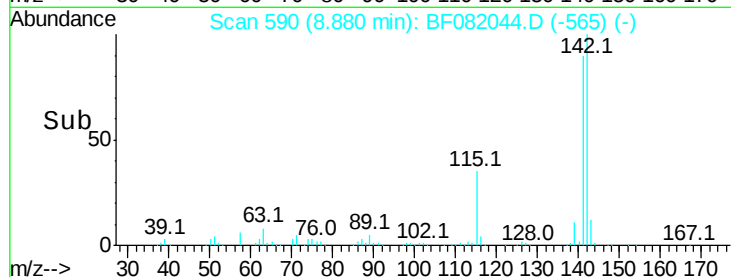
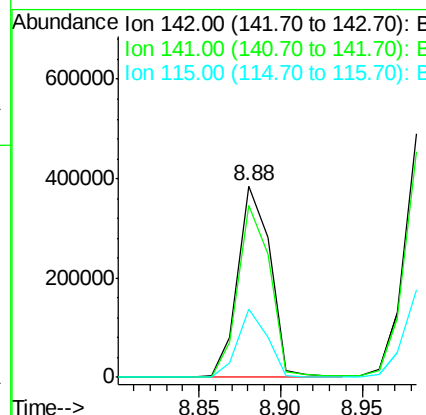
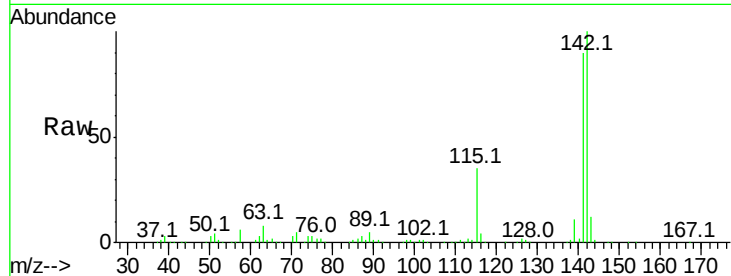
#37
2-Methylnaphthalene
Concen: 42.52 ng
RT: 8.88 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	90.0	67.5	101.3
115	35.4	18.2	27.2

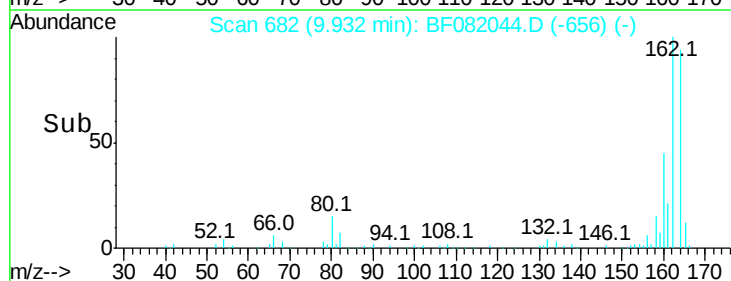
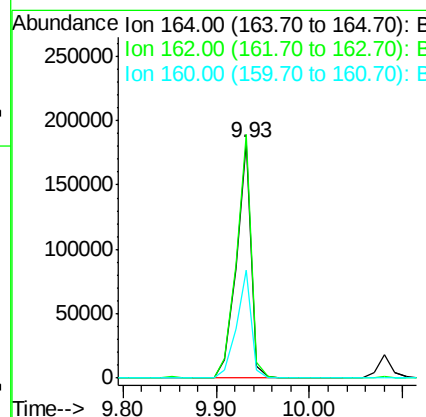
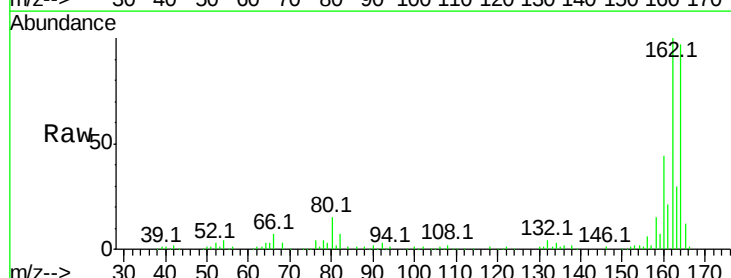
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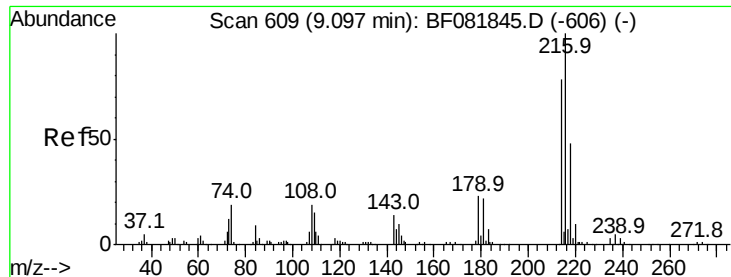
MMDadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	103.3	75.2	112.8
160	45.9	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.91 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

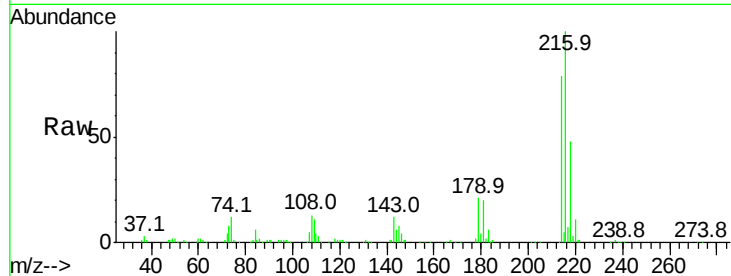
ClientSampleId :

PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	280168		
214	78.9		63.5	95.3
179	21.1		16.6	24.8
108	18.2		16.3	24.5

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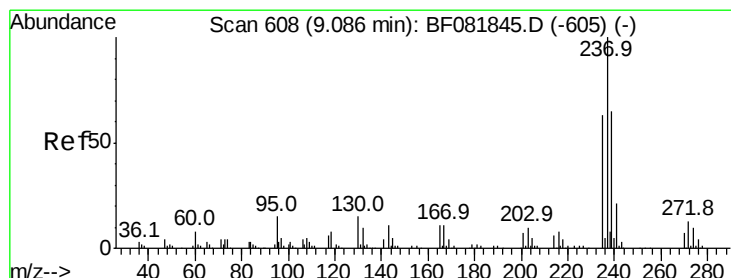
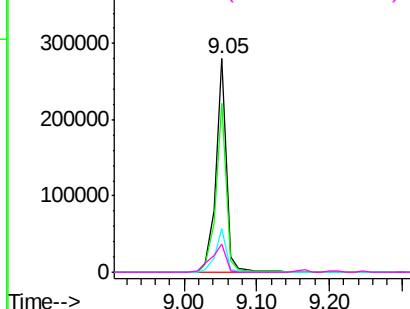
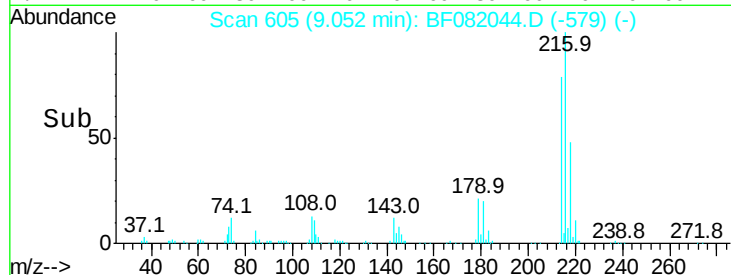


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 100.66 ng

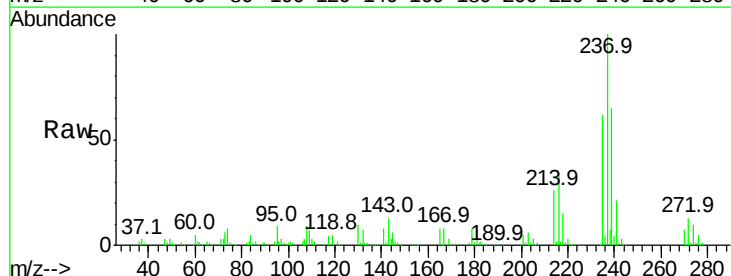
RT: 9.04 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

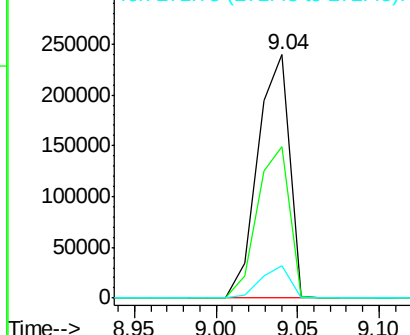
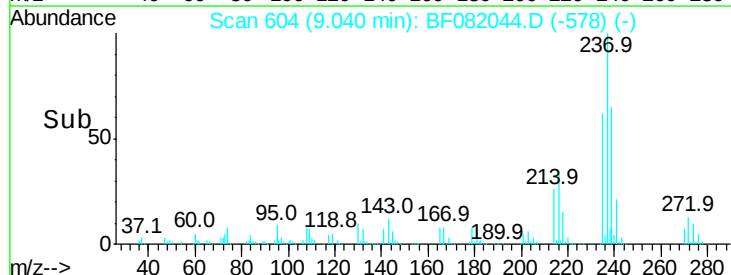
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	323365		
235	62.2		42.0	82.0
272	13.1		0.0	36.1

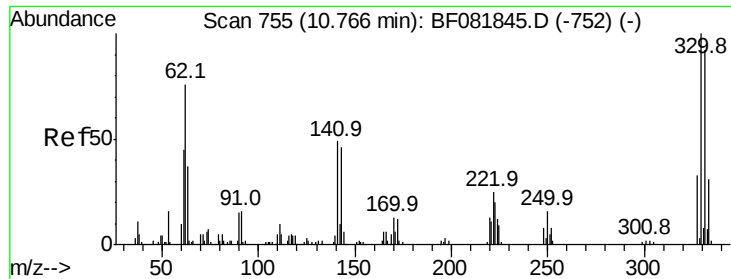


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





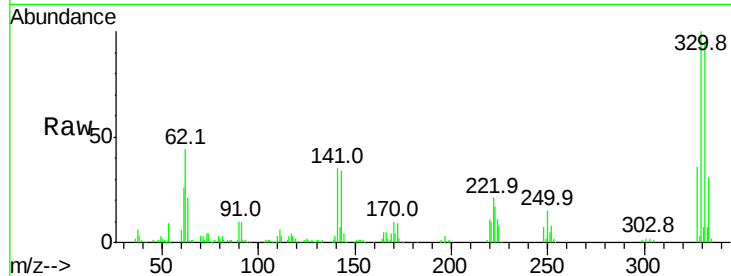
#41
 2,4,6-Tribromophenol
 Concen: 87.62 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

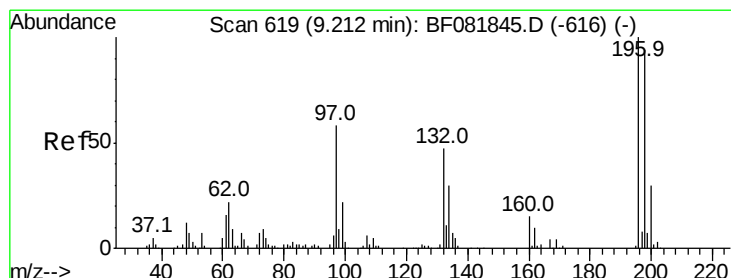
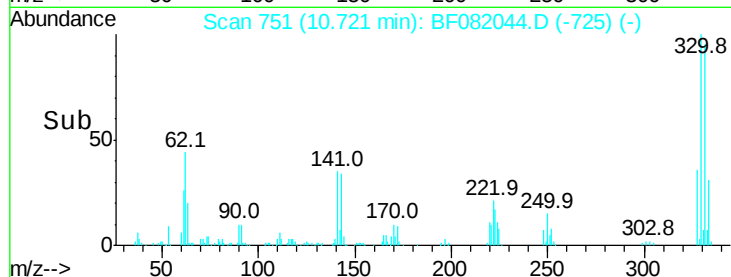
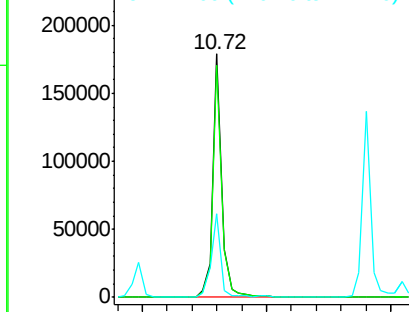
Tot Ion	Ratio	Resp	Lower	Upper
330	100	180313		
332	95.6	76.6	114.8	
141	36.4	29.7	44.5	

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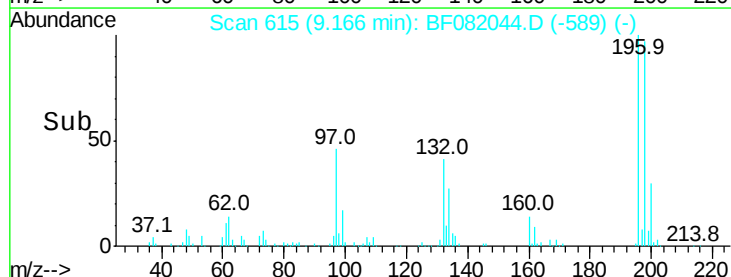
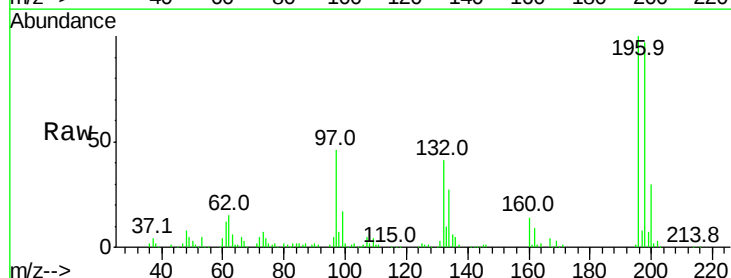
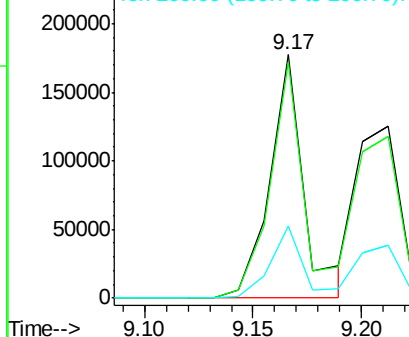
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

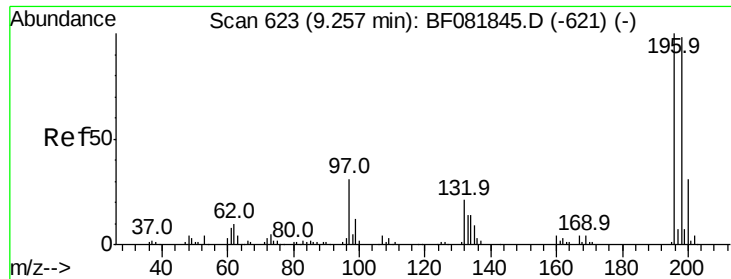


#42
 2,4,6-Trichlorophenol
 Concen: 45.40 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	194137		
198	97.0	75.7	113.5	
200	29.7	23.9	35.9	

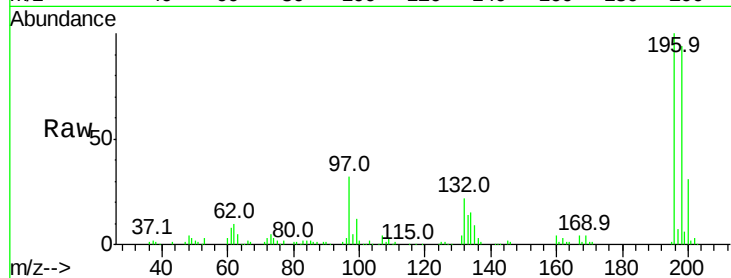
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 43.55 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

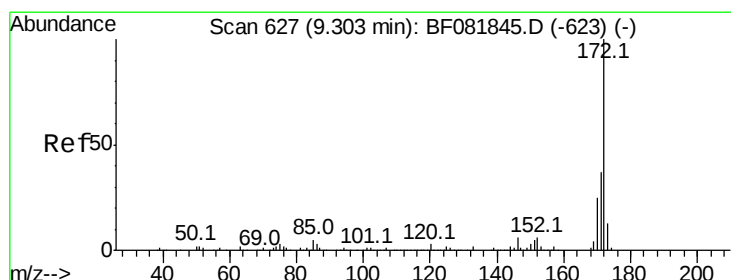
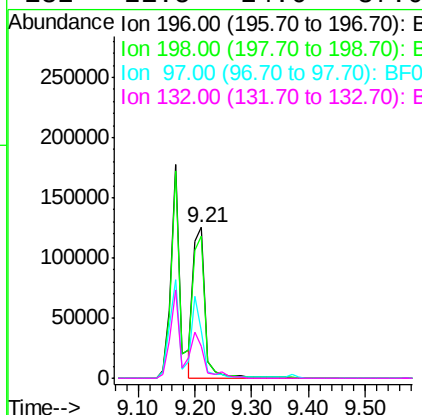
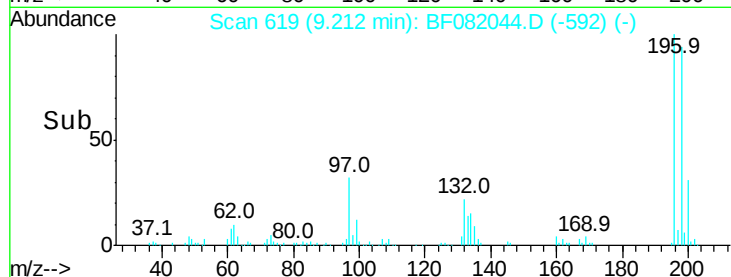
Instrument :
 BNA_F
 ClientSampled :
 PB85905BSD



Tot Ion	Ratio	Resp	Lower	Upper
196	100	191508		
198	94.5	75.4	113.0	
97	31.8	33.3	49.9#	
132	21.5	24.6	37.0#	

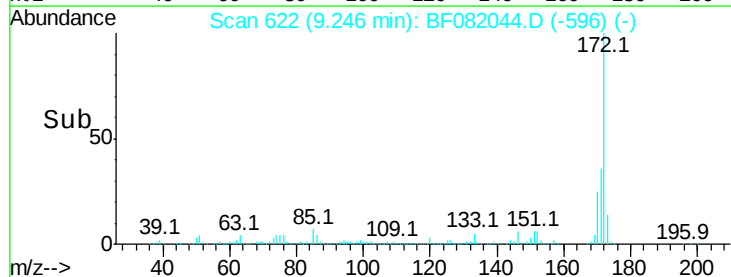
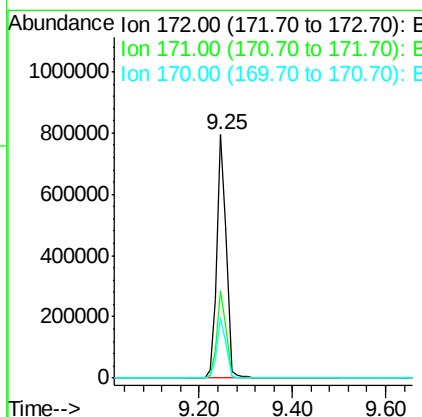
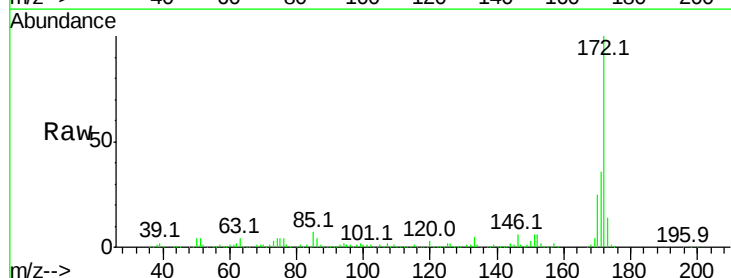
Manual Integrations
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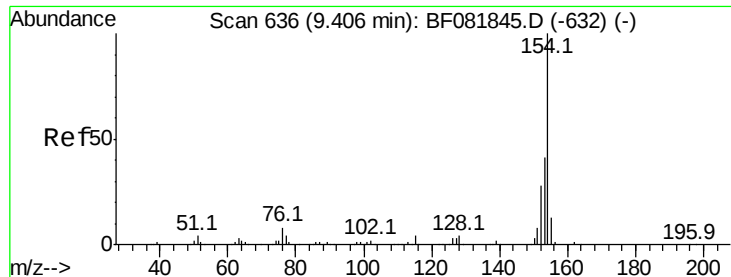
MMDadoda
 10/6/2015 2:53:54 PM



#44
 2-Fluorobiphenyl
 Concen: 93.76 ng
 RT: 9.25 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1115880		
171	36.1	26.1	39.1	
170	24.7	17.4	26.2	





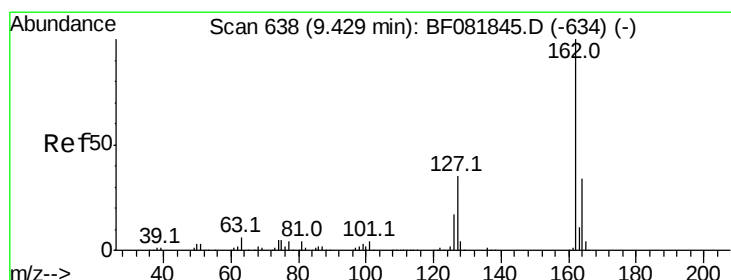
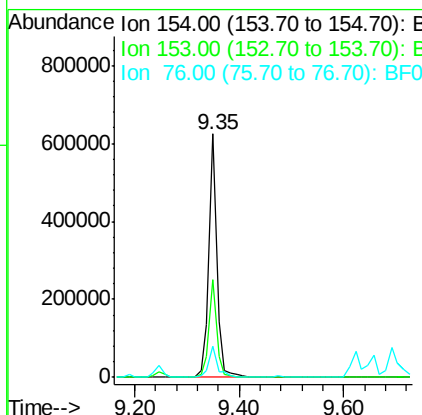
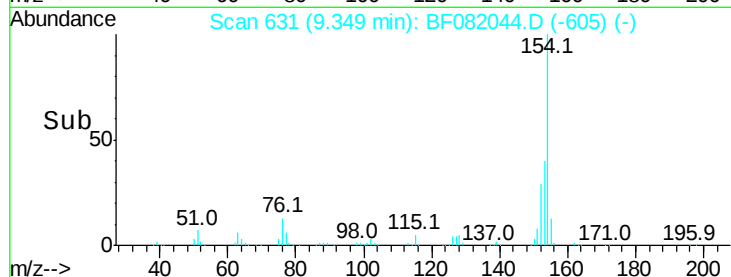
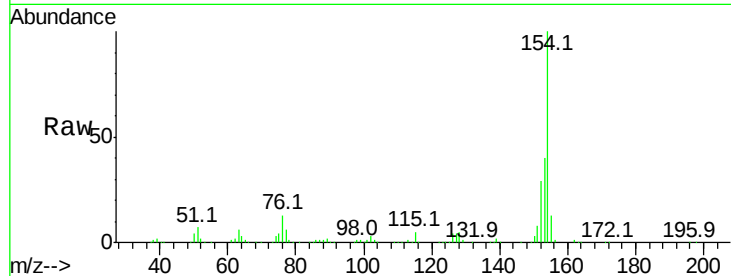
#45
1,1'-Biphenyl
Concen: 42.40 ng
RT: 9.35 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	17.1	57.1
76	13.0	0.0	31.6

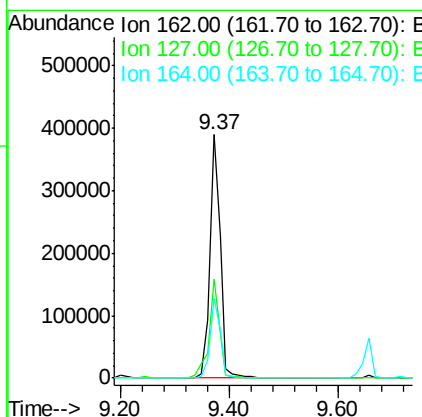
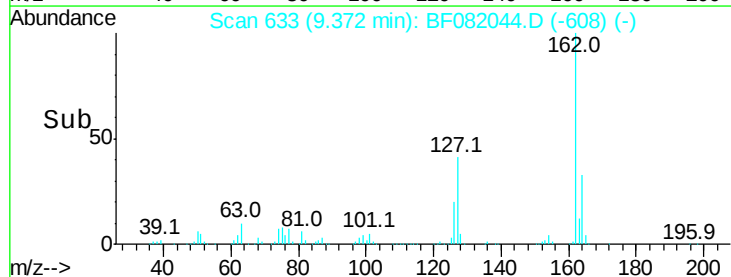
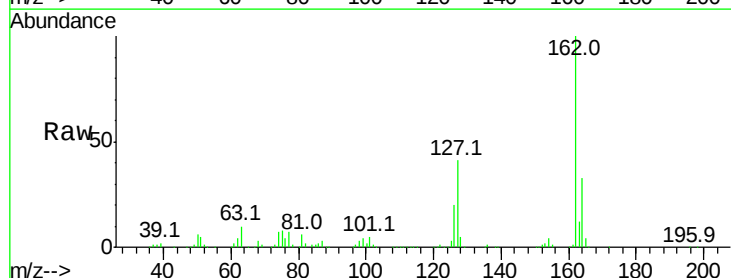
Manual Integrations
APPROVED

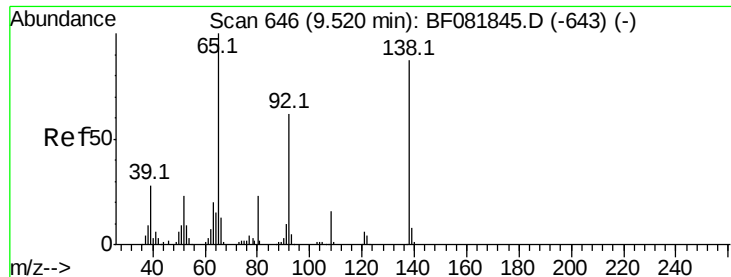
MMDadoda
10/6/2015 2:53:54 PM



#46
2-Chloronaphthalene
Concen: 42.28 ng
RT: 9.37 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	27.6	41.4
164	32.8	25.4	38.2





#47

2-Nitroaniline

Concen: 42.91 ng

RT: 9.47 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

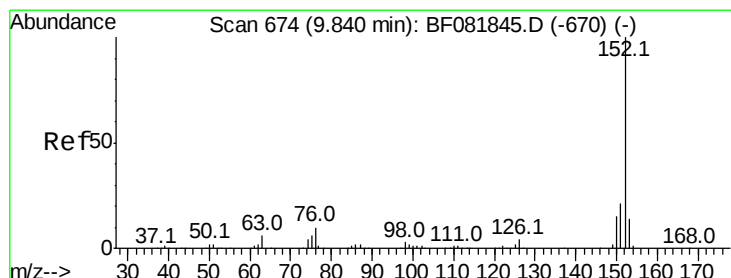
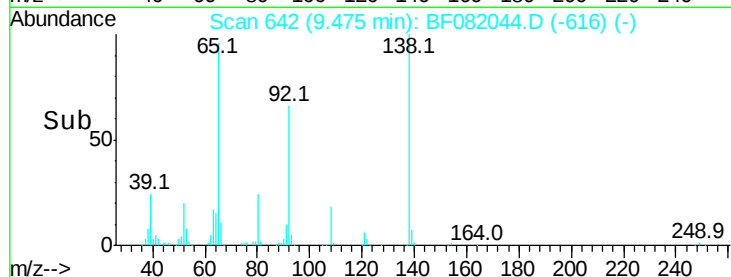
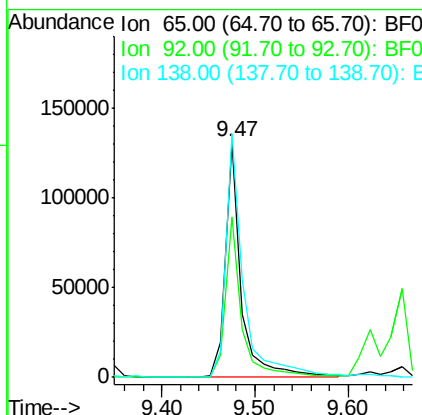
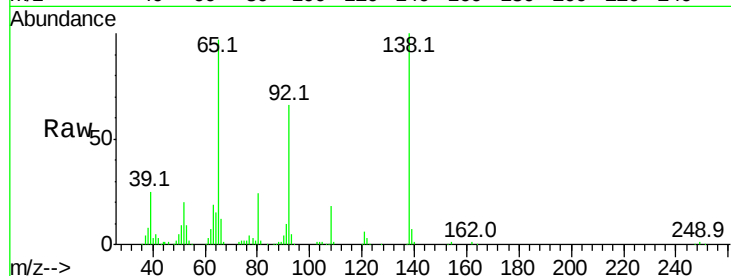
ClientSampleId :

PB85905BSD

Manual Integrations
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MMDadoda
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Tot Ion	65	Resp	155066
Ion	Ratio	Lower	Upper
65	100		
92	68.0	55.4	83.0
138	103.6	115.5	173.3#



#48

Acenaphthylene

Concen: 44.57 ng

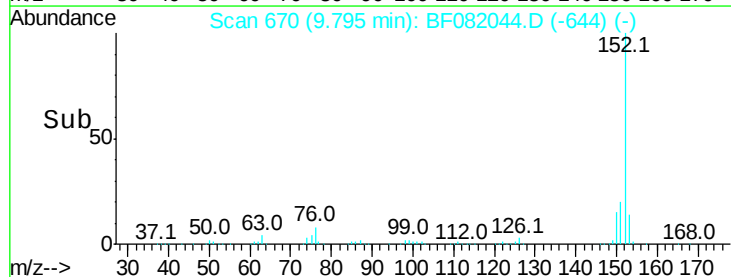
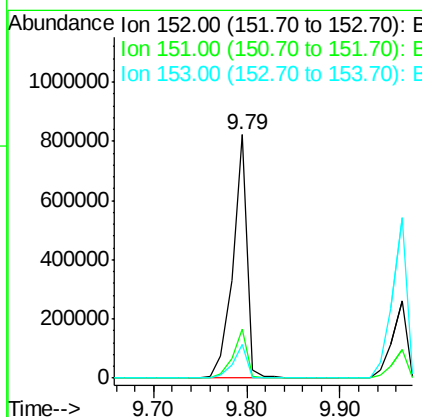
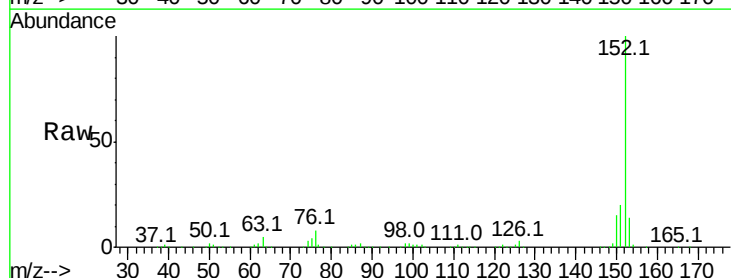
RT: 9.79 min Scan# 670

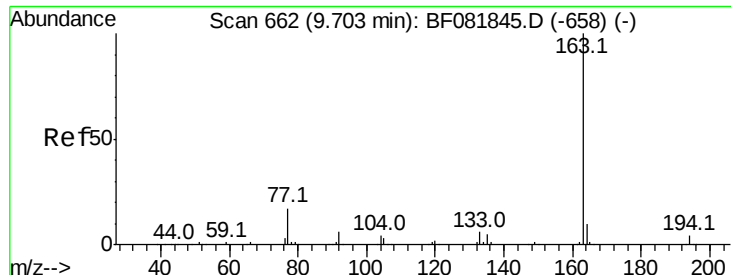
Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion	152	Resp	878099
Ion	Ratio	Lower	Upper
152	100		
151	20.4	14.6	22.0
153	13.6	10.3	15.5





#49

Dimethylphthalate

Concen: 46.41 ng

RT: 9.66 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

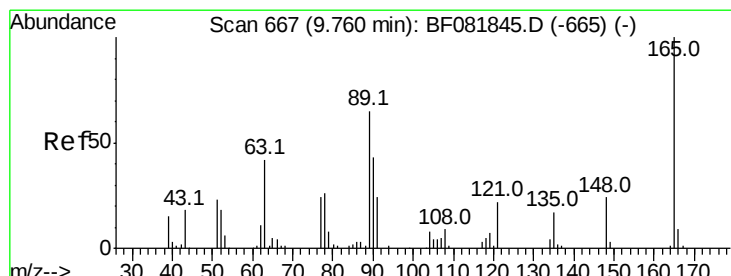
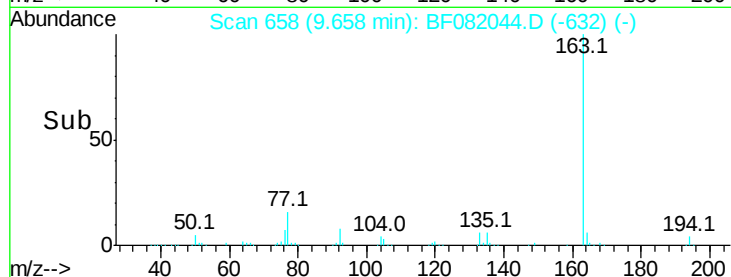
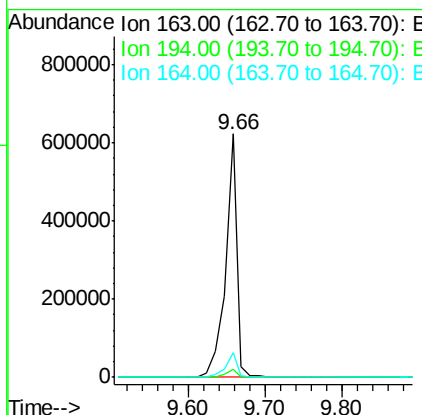
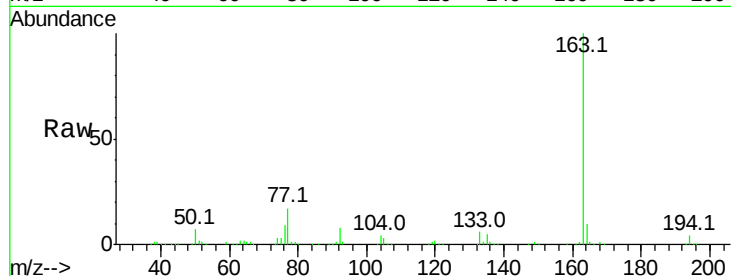
ClientSampleId :

PB85905BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	4.4	6.6#
164	10.2	8.3	12.5

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 42.58 ng

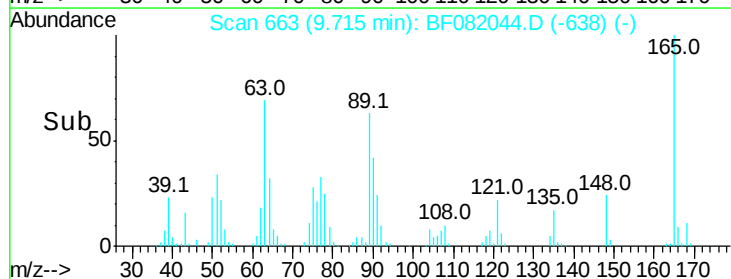
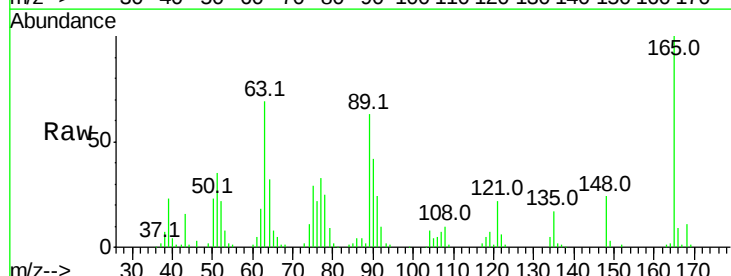
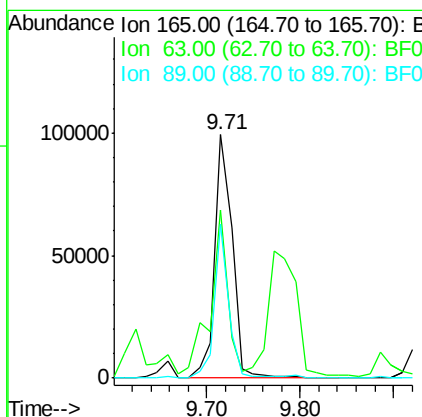
RT: 9.71 min Scan# 663

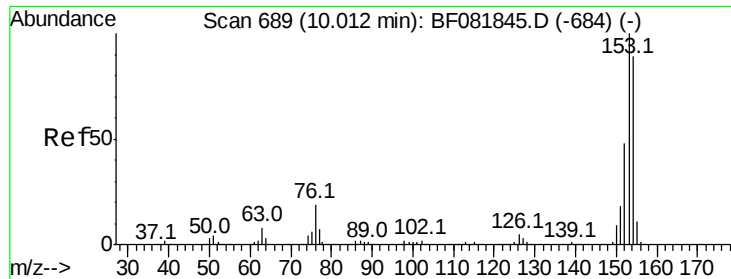
Delta R.T. -0.01 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	69.1	32.3	48.5#
89	63.2	28.6	43.0#





#51

Acenaphthene

Concen: 52.34 ng

RT: 9.97 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

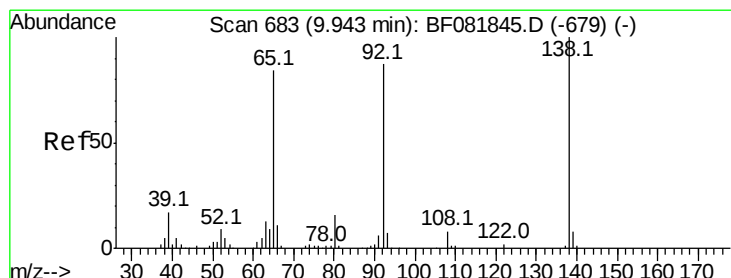
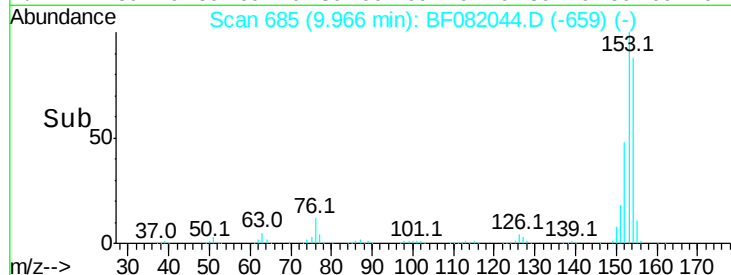
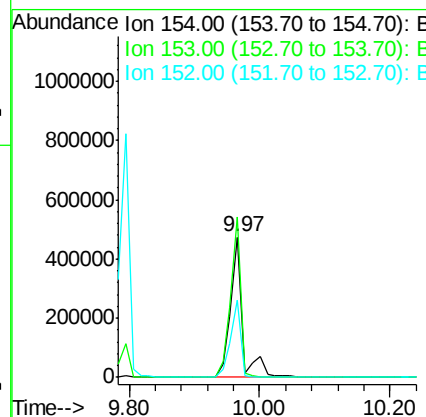
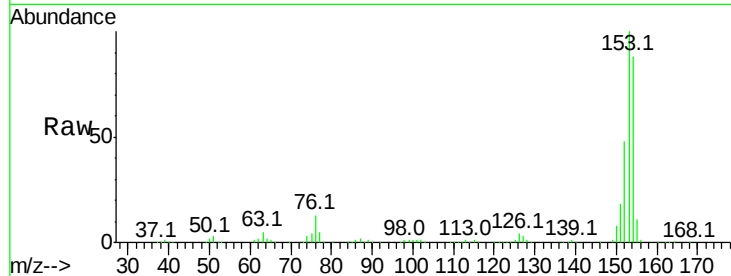
ClientSampleId :

PB85905BSD

Tot Ion:	154	Resp:	612321
Ion Ratio	Lower	Upper	
154	100		
153	114.2	82.1	123.1
152	54.9	37.9	56.9

Manual Integrations
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10/6/2015 2:53:54 PM



#52

3-Nitroaniline

Concen: 23.35 ng

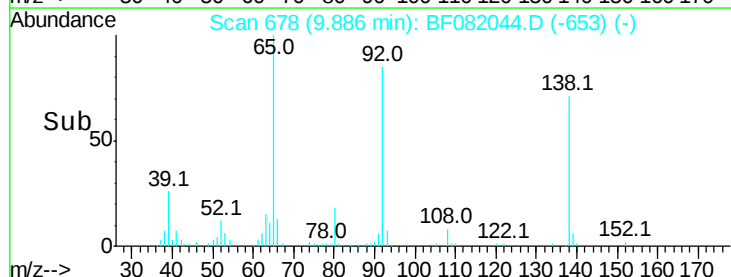
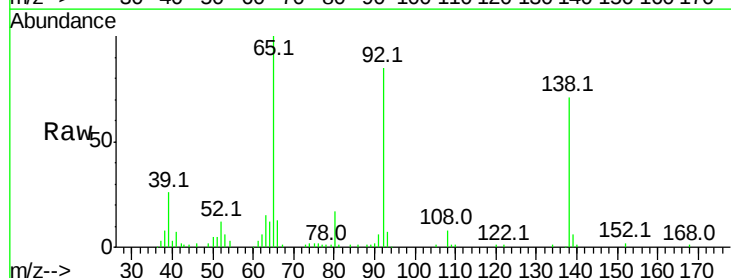
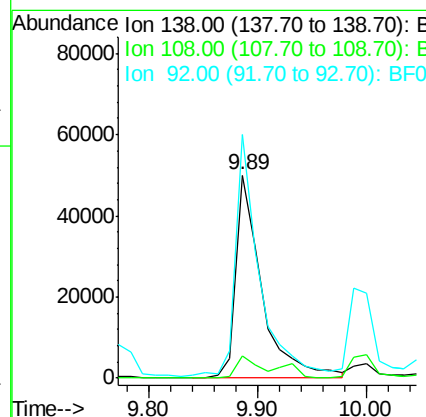
RT: 9.89 min Scan# 678

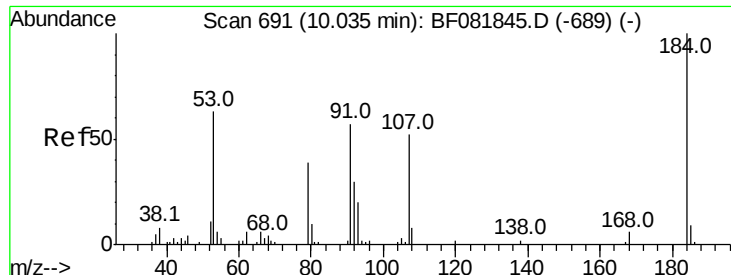
Delta R.T. -0.01 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion:	138	Resp:	82272
Ion Ratio	Lower	Upper	
138	100		
108	11.0	5.7	8.5#
92	120.0	67.7	101.5#





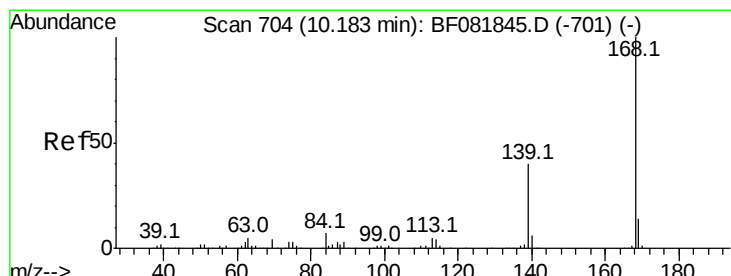
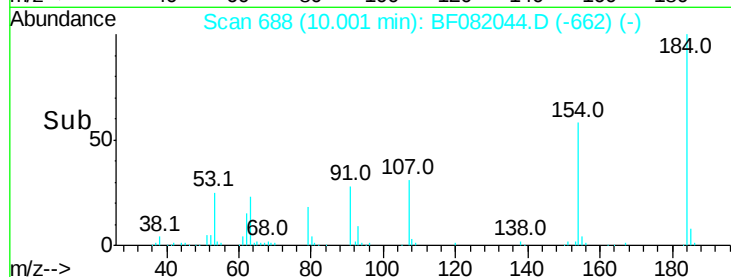
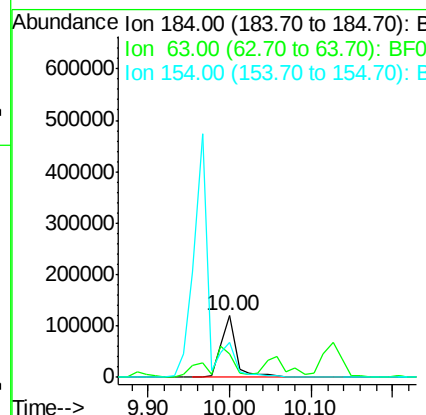
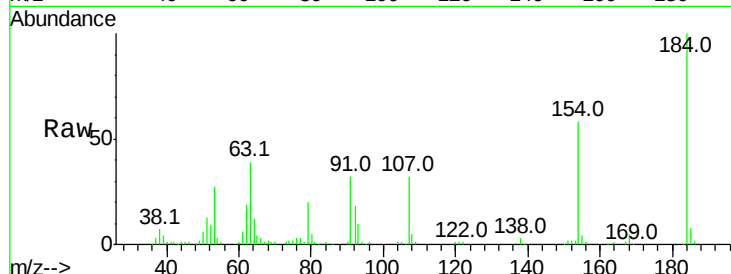
#53
 2,4-Dinitrophenol
 Concen: 94.46 ng
 RT: 10.00 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	39.1	35.4	53.2	
154	57.6	32.2	48.4#	

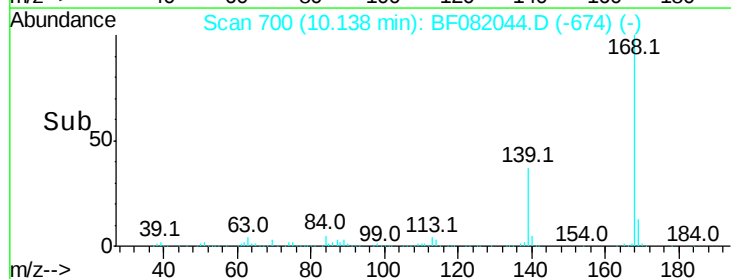
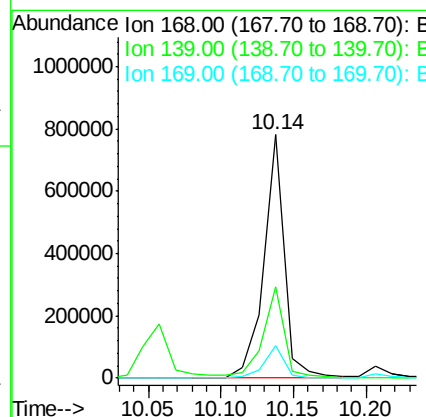
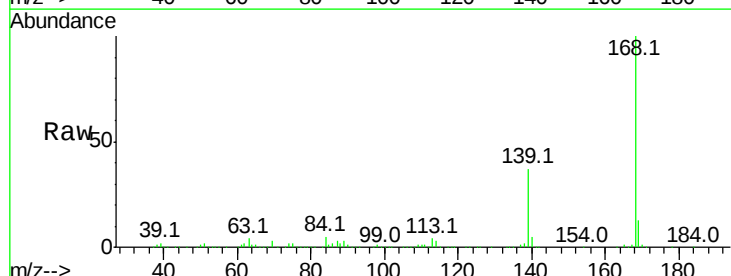
Manual Integrations
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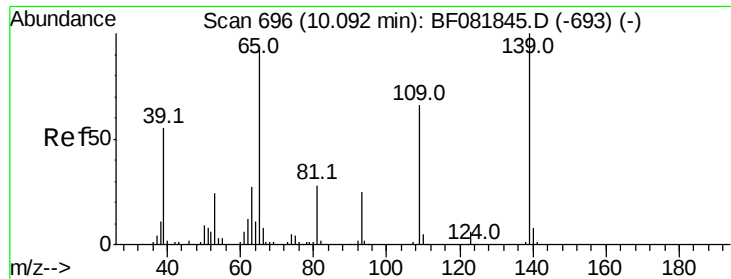
MMDadoda
 10/6/2015 2:53:54 PM



#54
 Dibenzofuran
 Concen: 46.30 ng
 RT: 10.14 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.4	24.2	36.2#	
169	13.5	10.6	15.8	





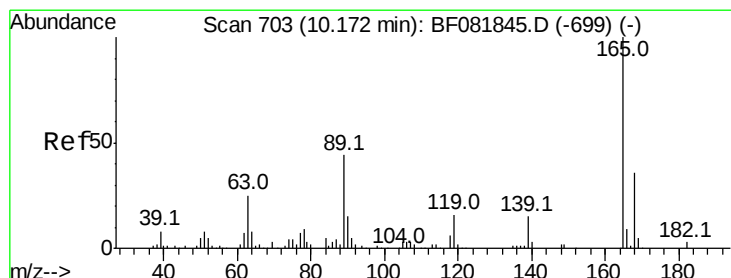
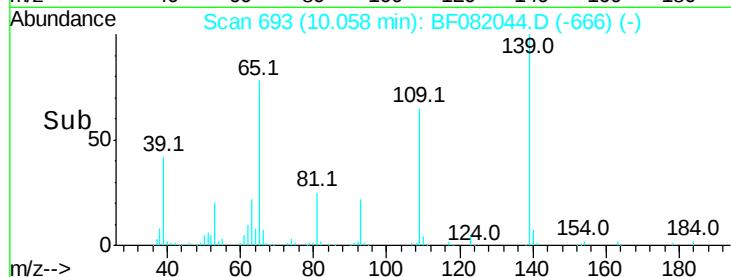
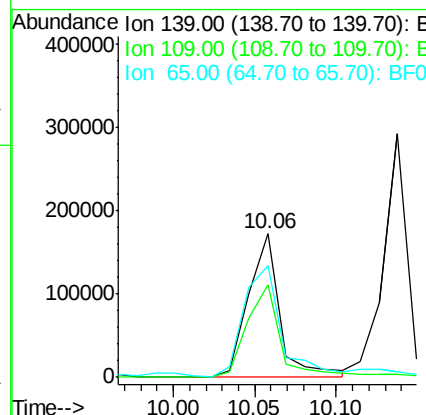
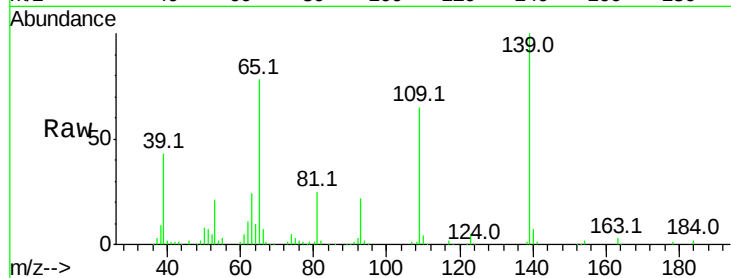
#55
4-Nitrophenol
Concen: 90.83 ng
RT: 10.06 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.5	12.7	52.7#	
65	78.3	45.9	85.9	

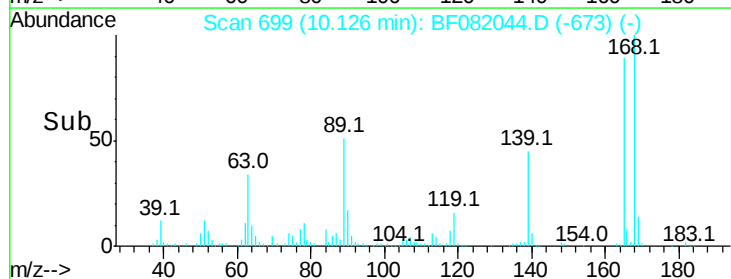
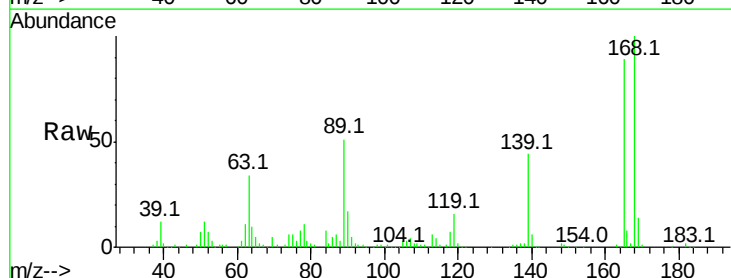
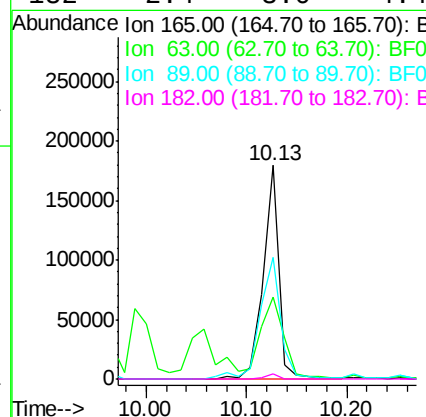
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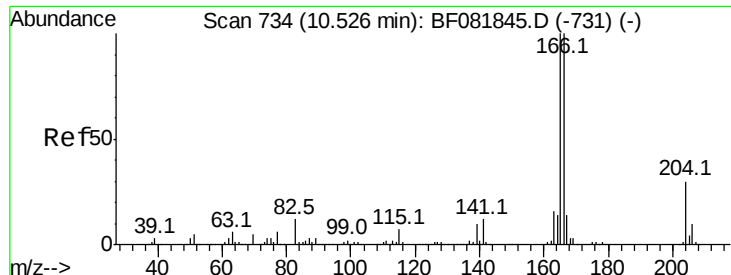
MMDadoda
10/6/2015 2:53:54 PM



#56
2,4-Dinitrotoluene
Concen: 50.47 ng
RT: 10.13 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.3	29.8	44.6	
89	56.8	44.5	66.7	
182	2.4	3.0	4.4#	





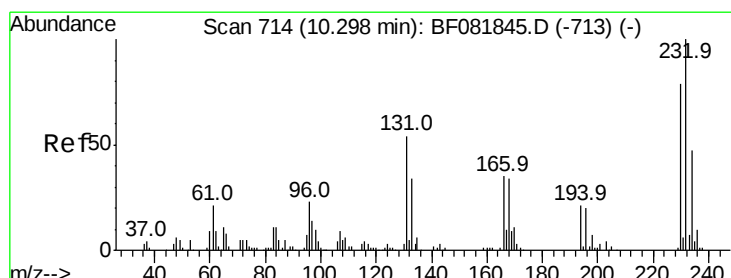
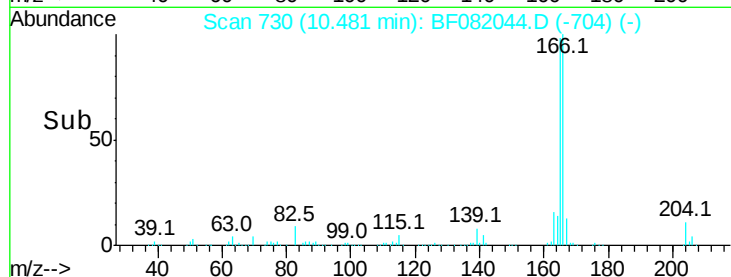
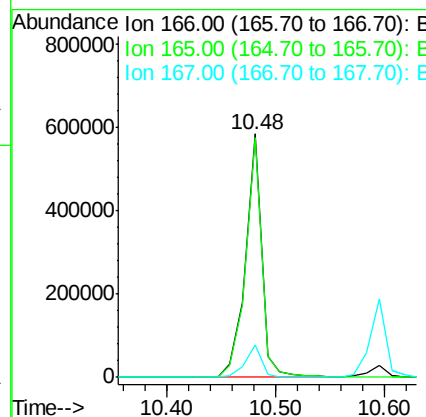
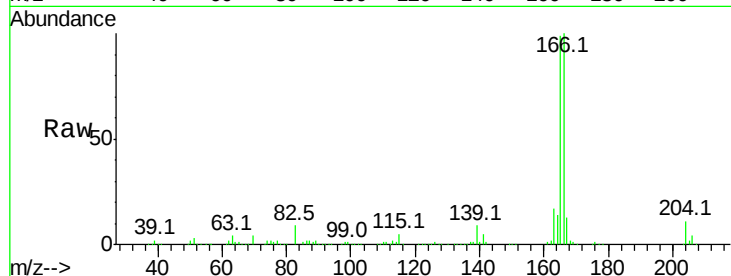
#57
 Fluorene
 Concen: 51.23 ng
 RT: 10.48 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	602313		
165	98.5	72.6	109.0	
167	13.2	10.6	16.0	

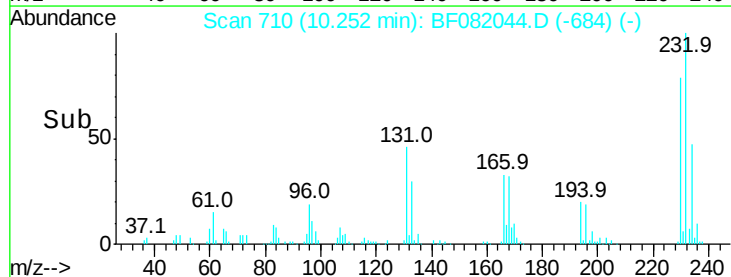
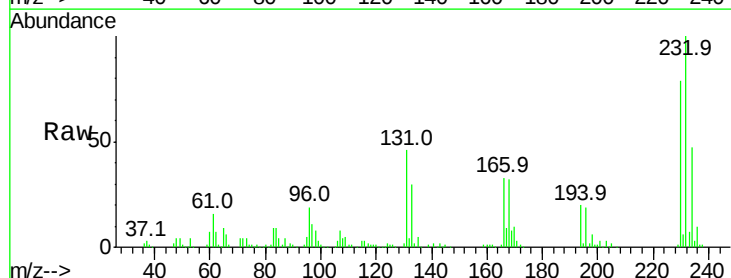
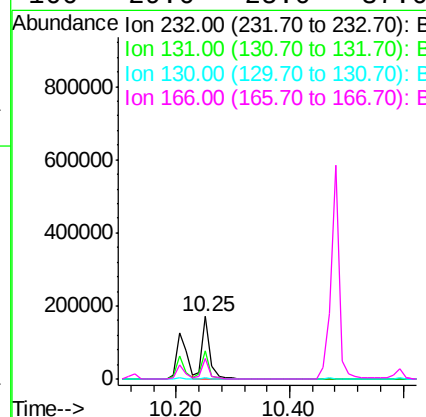
Manual Integrations
 APPROVED

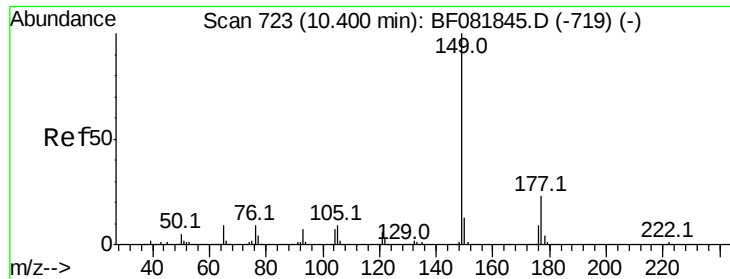
MMDadoda
 10/6/2015 2:53:54 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.78 ng
 RT: 10.25 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	170165		
131	43.3	38.5	57.7	
130	2.0	1.8	2.6	
166	29.6	25.0	37.6	





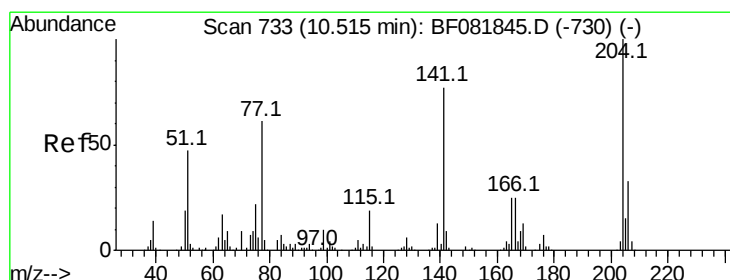
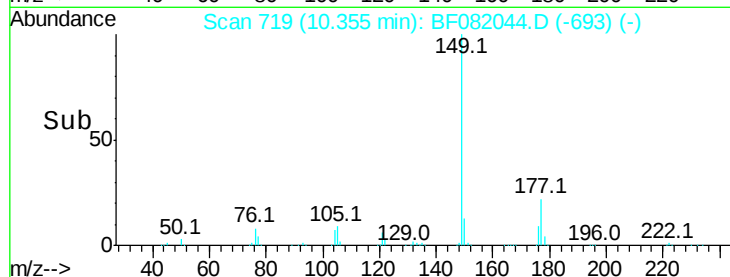
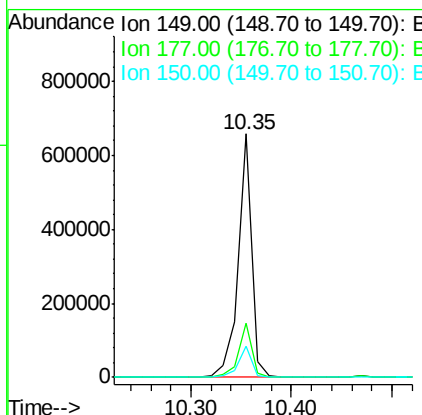
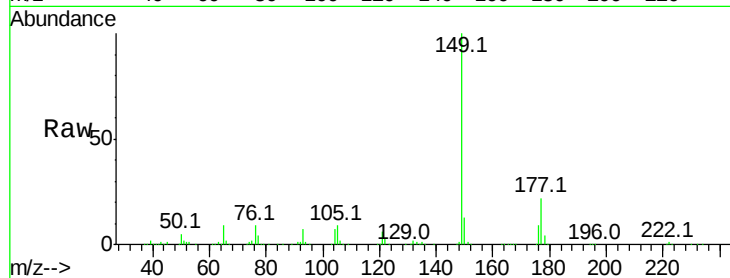
#59
Diethylphthalate
Concen: 46.94 ng
RT: 10.35 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	615010		
177	22.3	17.5	26.3	
150	12.9	9.4	14.2	

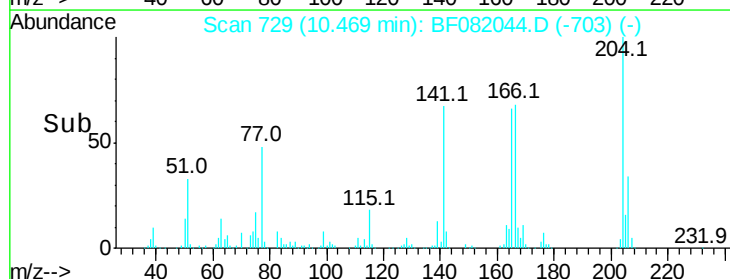
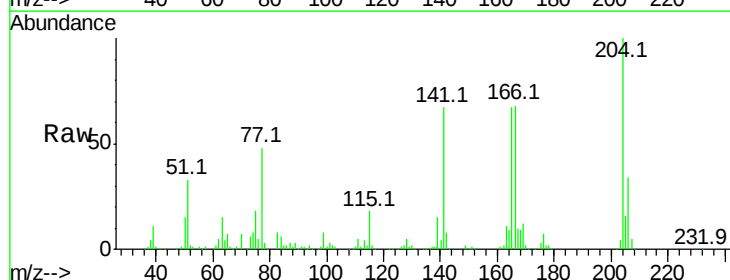
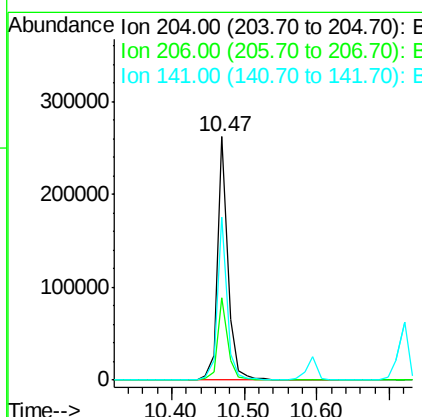
Manual Integrations
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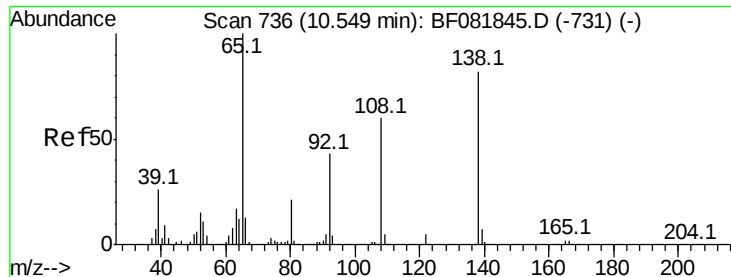
MMDadoda
10/6/2015 2:53:54 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.11 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	260969		
206	33.6	24.8	37.2	
141	66.7	42.2	63.4	





#61

4-Nitroaniline

Concen: 40.67 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

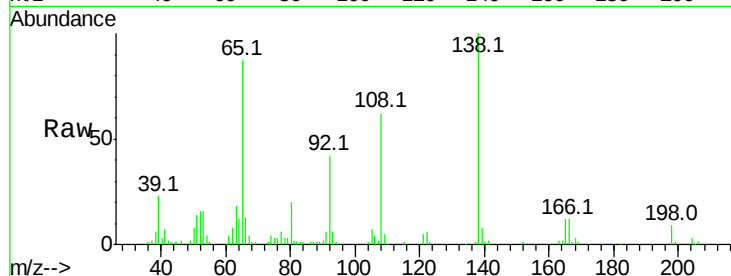
ClientSampleId :

PB85905BSD

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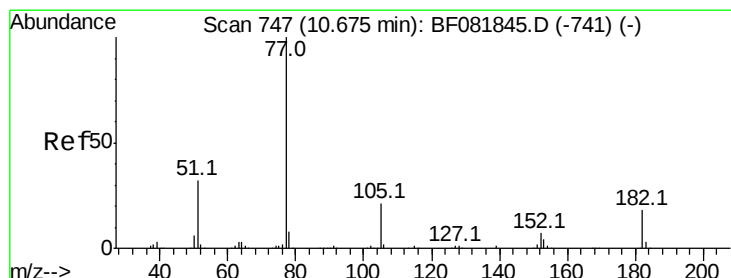
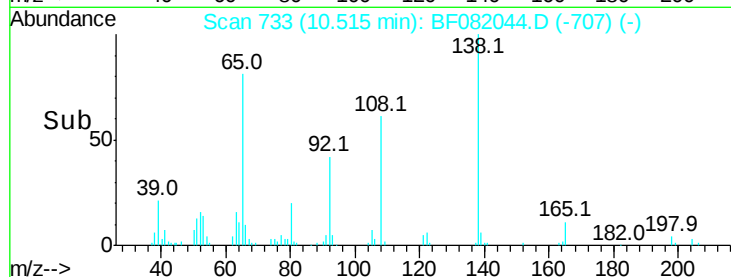
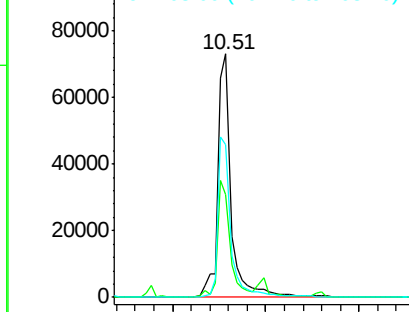
Tot Ion	Ratio	Lower	Upper
138	100		
92	42.0	12.6	52.6
108	62.5	12.4	52.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.97 ng

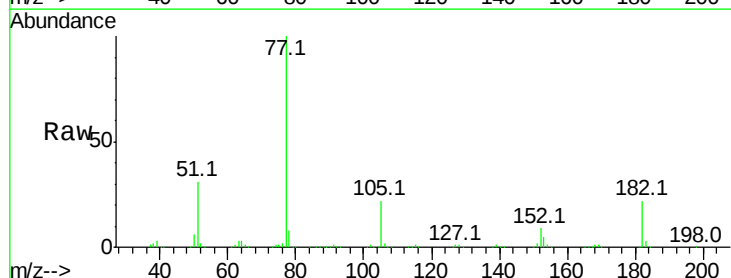
RT: 10.63 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.4	15.1	55.1
105	22.4	3.4	43.4
51	30.6	12.0	52.0

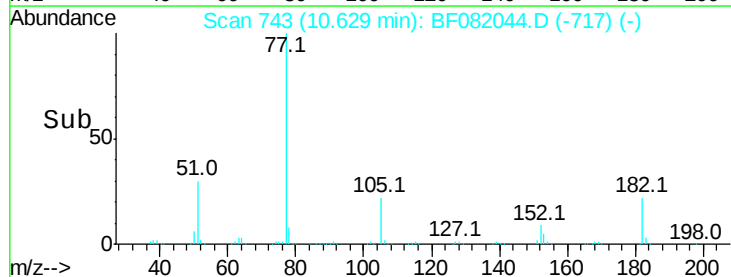
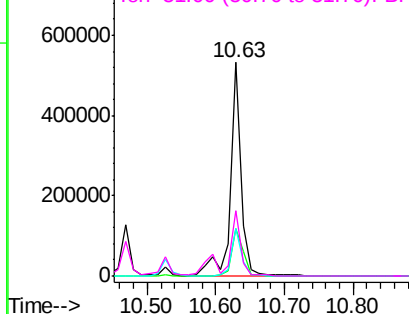


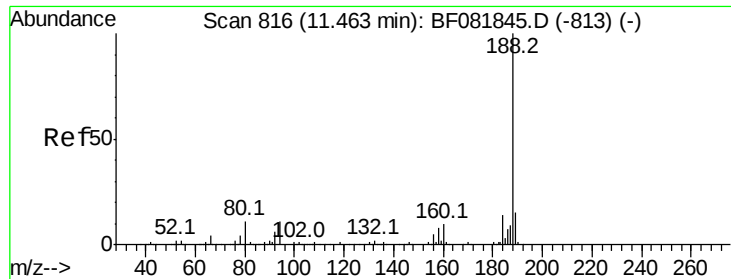
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





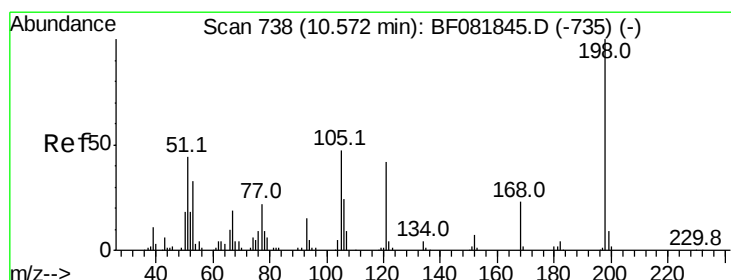
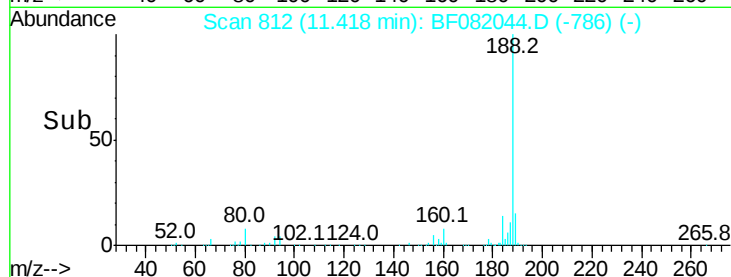
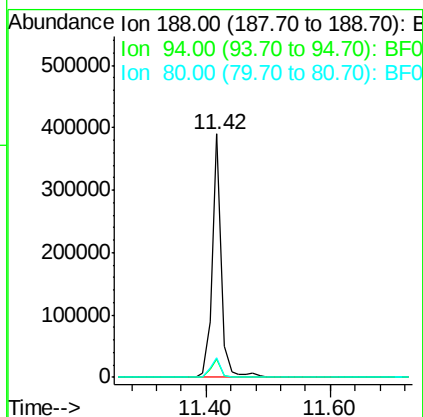
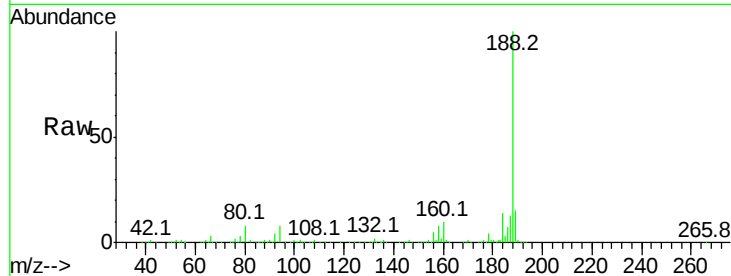
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.7	11.1	16.7#	
80	8.0	11.0	16.4#	

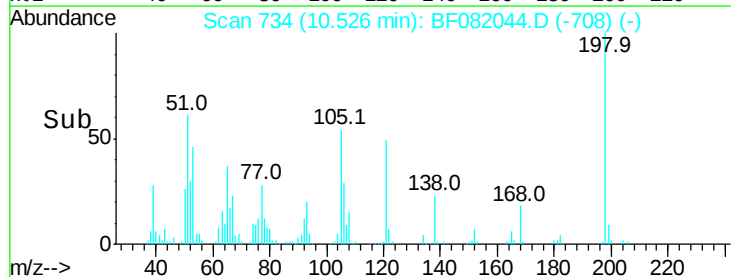
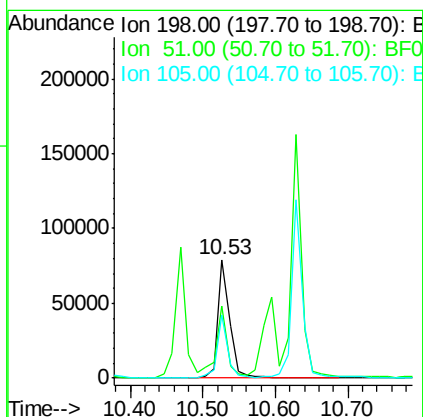
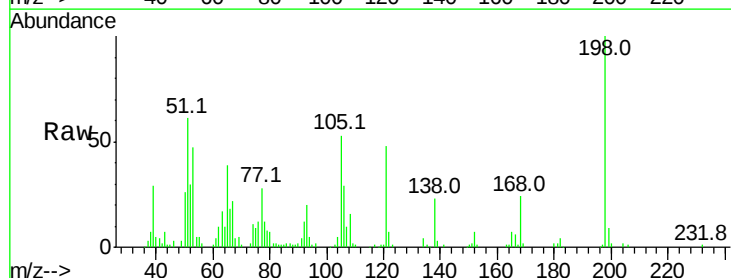
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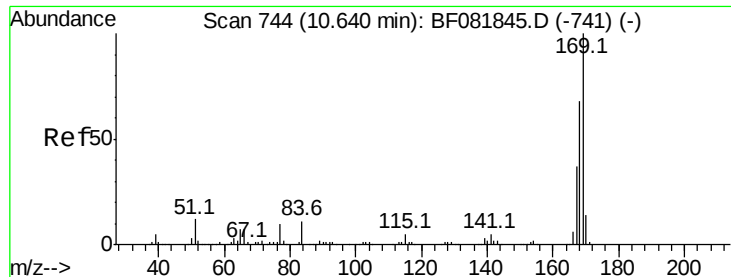
MMDadoda
10/6/2015 2:53:54 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 51.27 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	61.3	39.6	79.6	
105	53.2	28.5	68.5	





#65

n-Nitrosodiphenylamine

Concen: 44.85 ng

RT: 10.59 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

Tot Ion:169 Resp: 529531

Ion Ratio Lower Upper

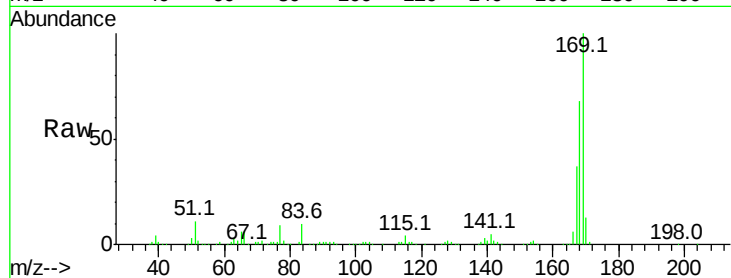
169 100

168 67.6 48.9 73.3

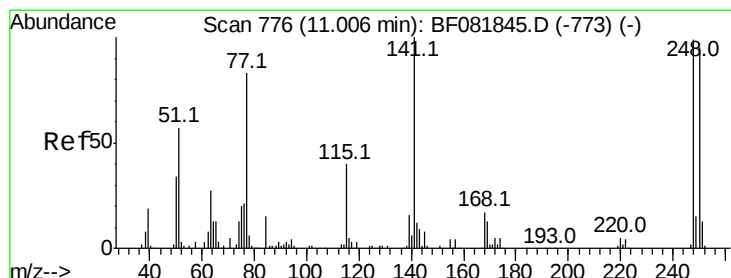
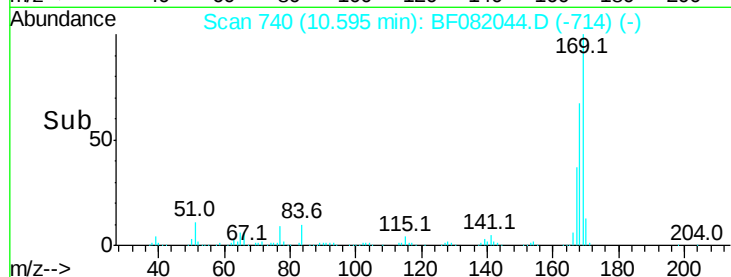
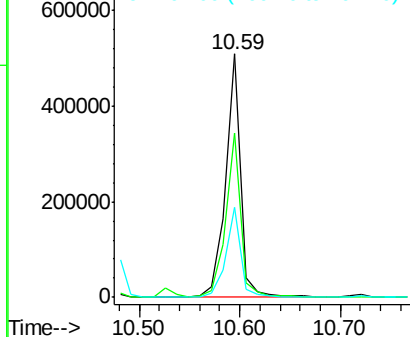
167 37.2 26.2 39.4

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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



#66

4-Bromophenyl-phenylether

Concen: 45.03 ng

RT: 10.96 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

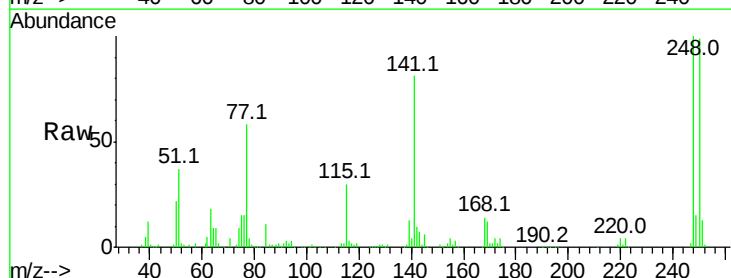
Tgt Ion:248 Resp: 177184

Ion Ratio Lower Upper

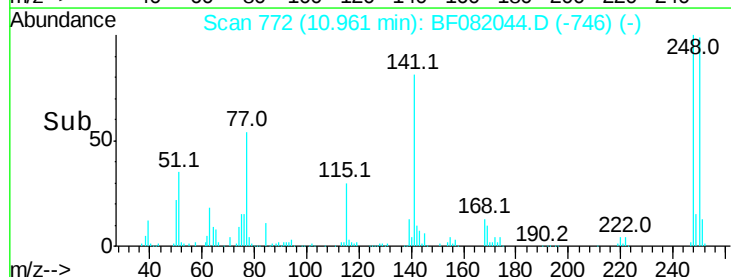
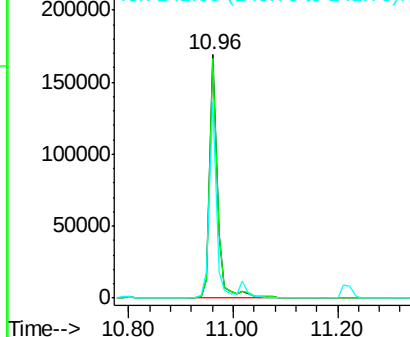
248 100

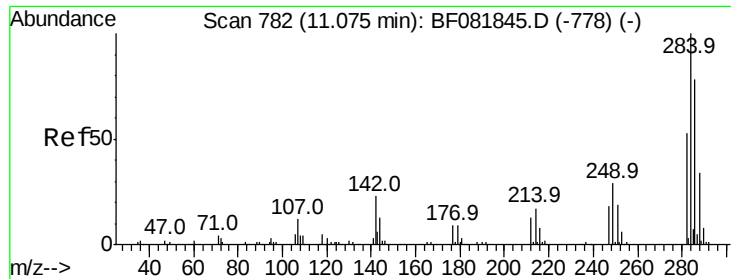
250 98.6 78.5 117.7

141 80.7 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





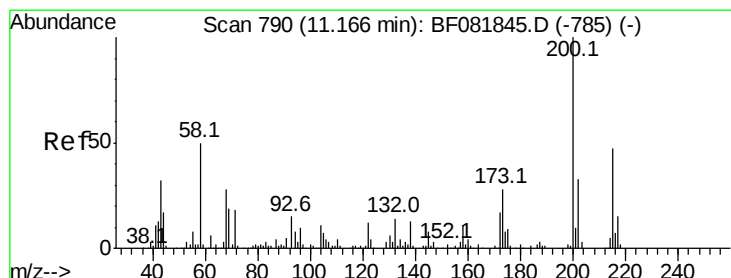
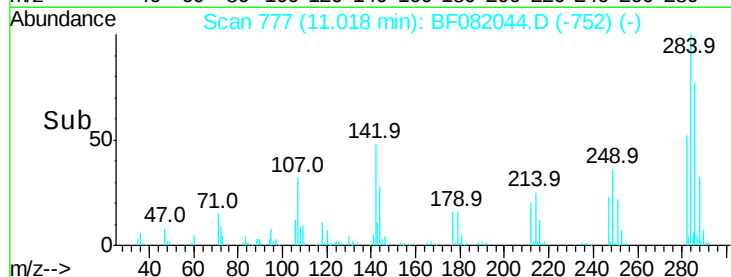
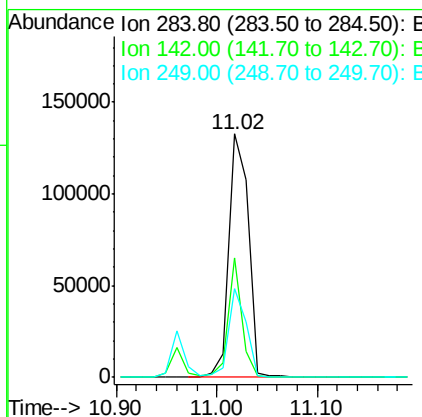
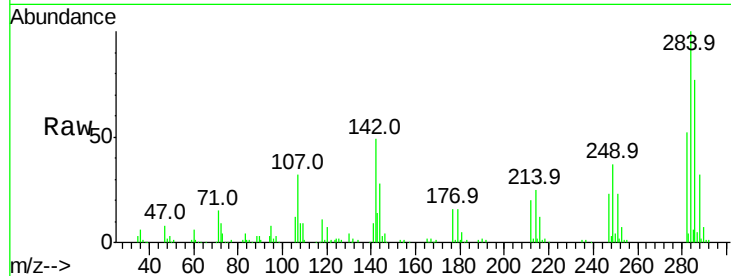
#67
Hexachlorobenzene
Concen: 40.16 ng
RT: 11.02 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	48.9	29.5	44.3#
249	36.7	19.5	29.3#

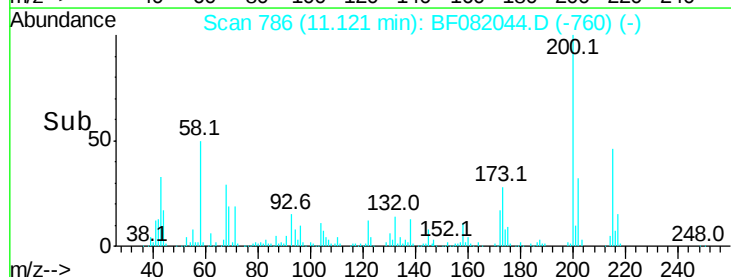
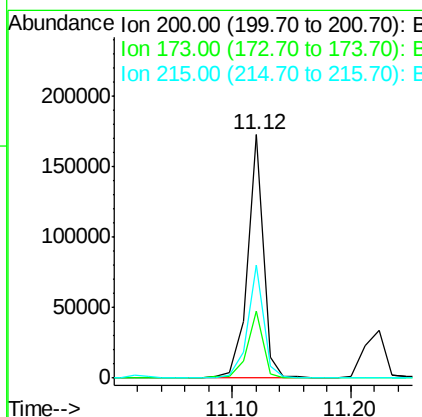
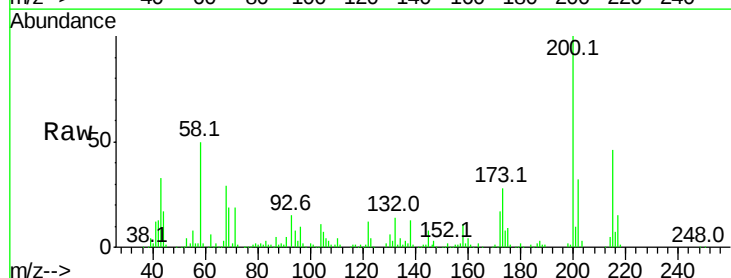
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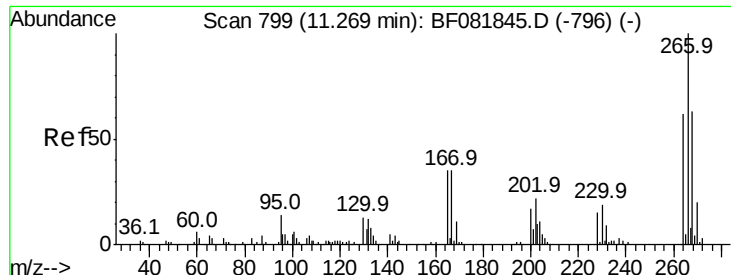
MMDadoda
10/6/2015 2:53:54 PM



#68
Atrazine
Concen: 44.44 ng
RT: 11.12 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.6	13.2	53.2
215	46.4	41.8	81.8





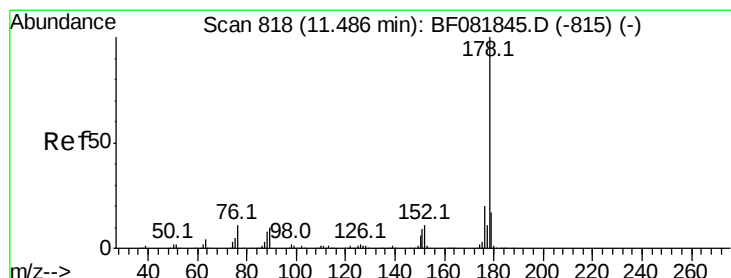
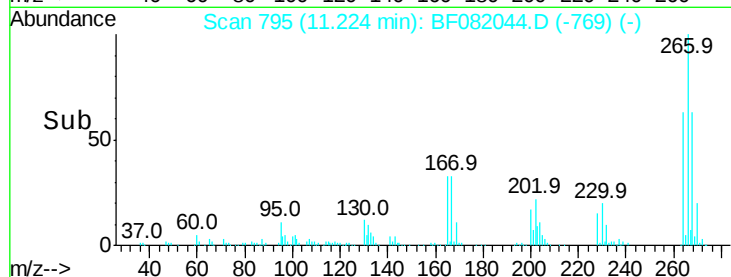
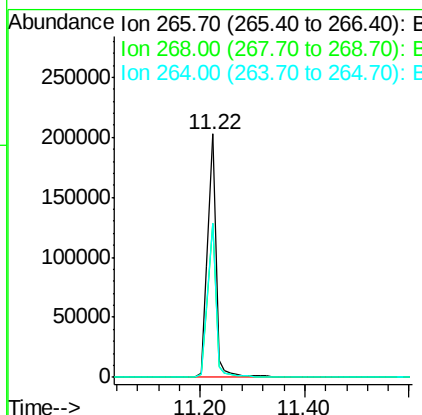
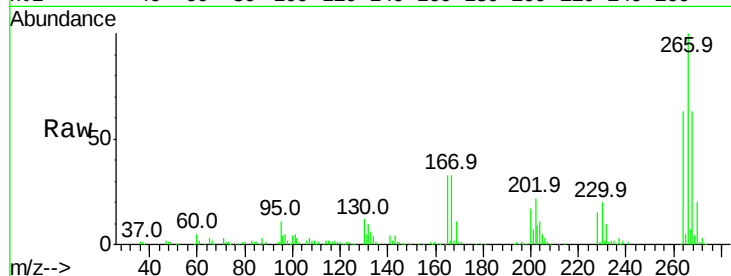
#69
 Pentachlorophenol
 Concen: 91.41 ng
 RT: 11.22 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	231288		
268	63.2	49.8	74.6	
264	63.2	50.2	75.2	

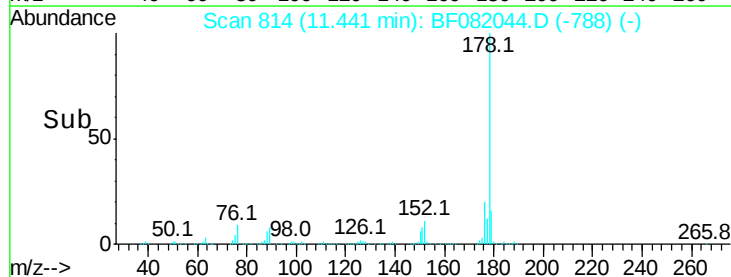
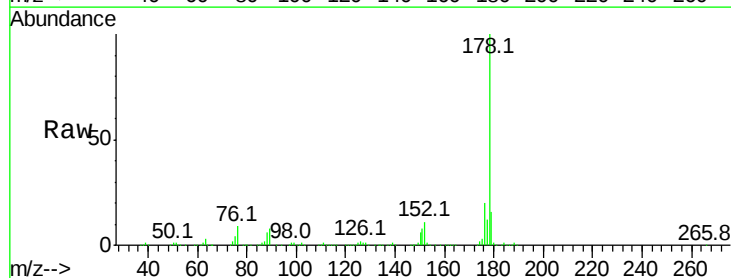
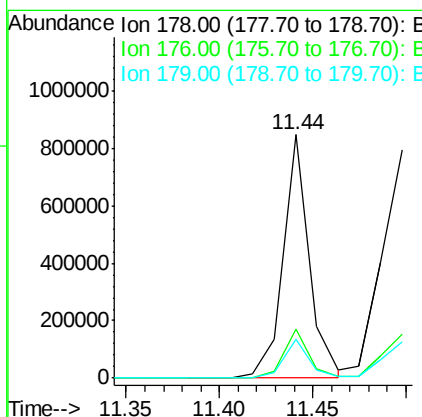
Manual Integrations
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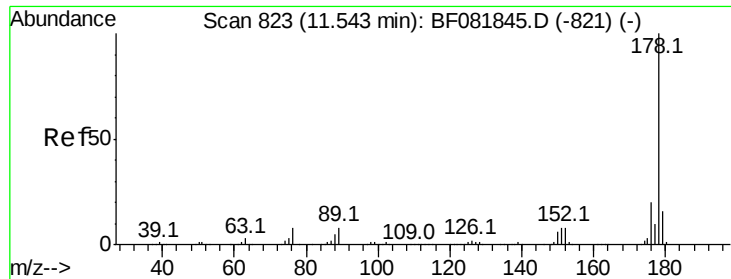
MMDadoda
 10/6/2015 2:53:54 PM



#70
 Phenanthrene
 Concen: 43.92 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	825639		
176	20.3	13.8	20.8	
179	16.1	12.2	18.2	





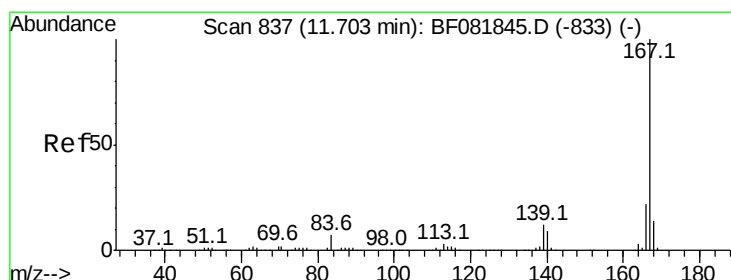
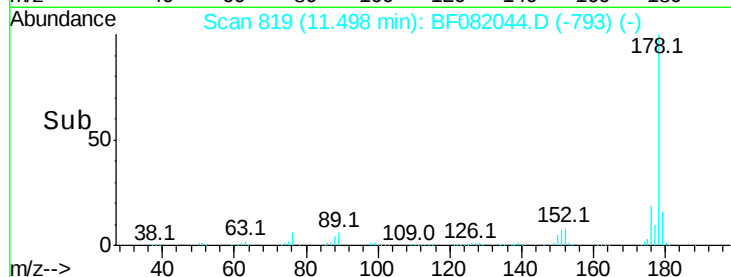
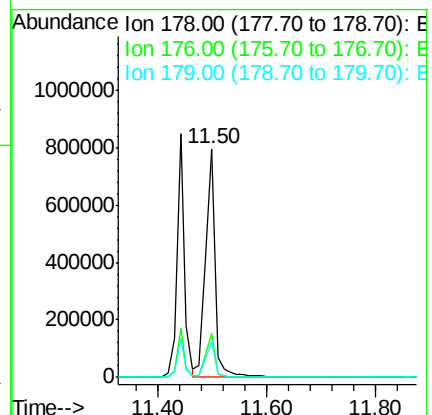
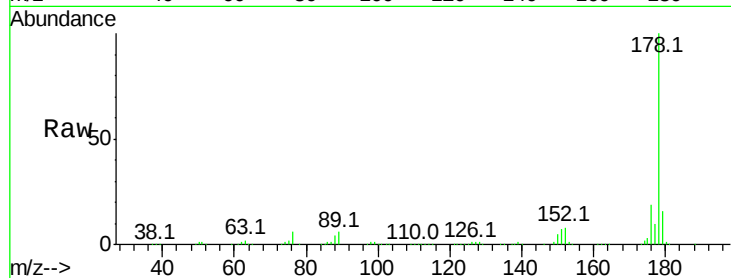
#71
 Anthracene
 Concen: 48.38 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	15.6	12.2	18.2

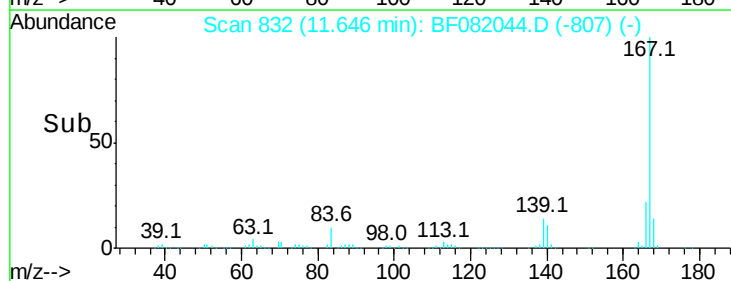
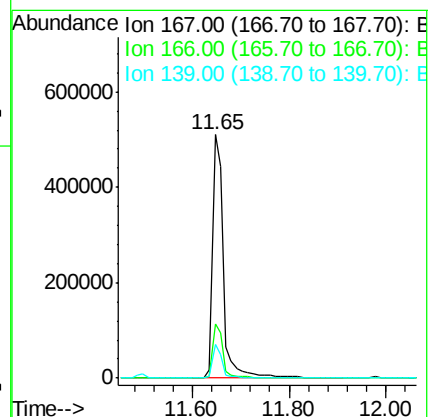
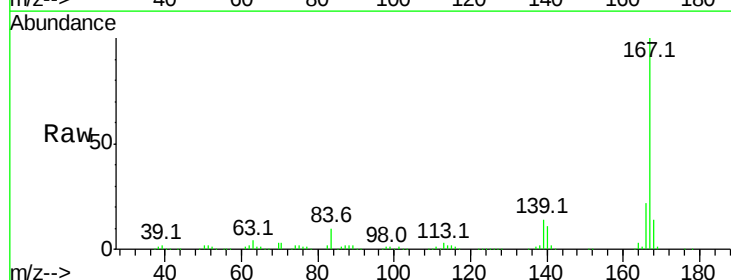
Manual Integrations
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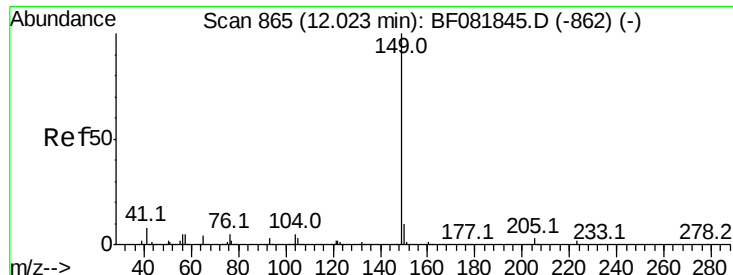
MMDadoda
 10/6/2015 2:53:54 PM



#72
 Carbazole
 Concen: 44.66 ng
 RT: 11.65 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	15.7	23.5
139	14.0	9.5	14.3





#73

Di-n-butylphthalate

Concen: 51.04 ng

RT: 11.98 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

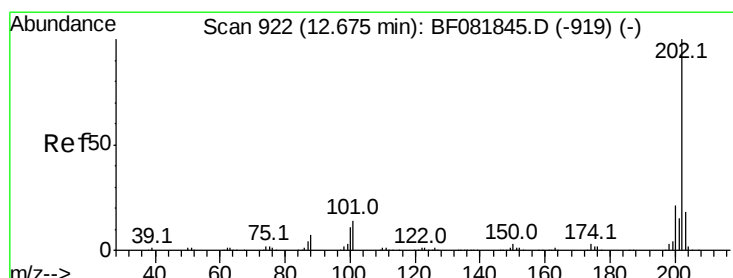
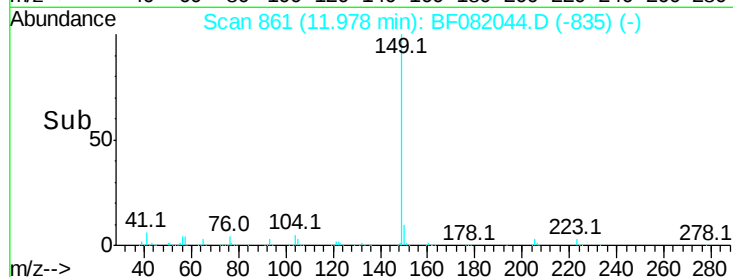
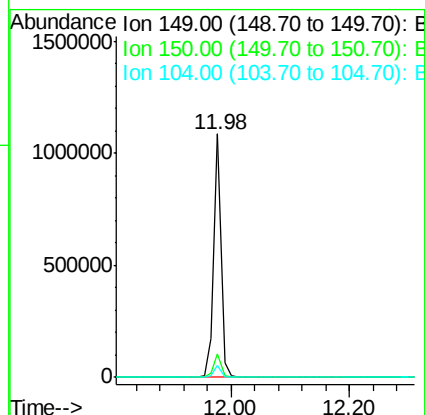
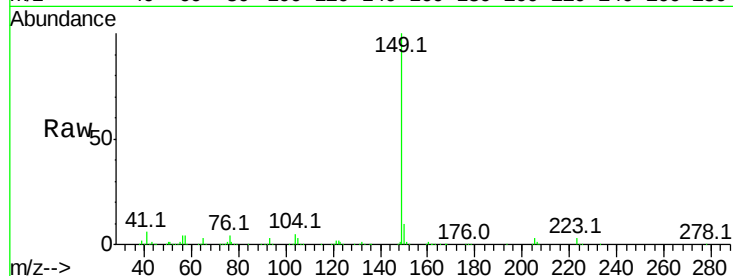
ClientSampleId :

PB85905BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.5	7.4	11.2
104	4.7	2.4	3.6

Manual Integrations
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#74

Fluoranthene

Concen: 44.10 ng

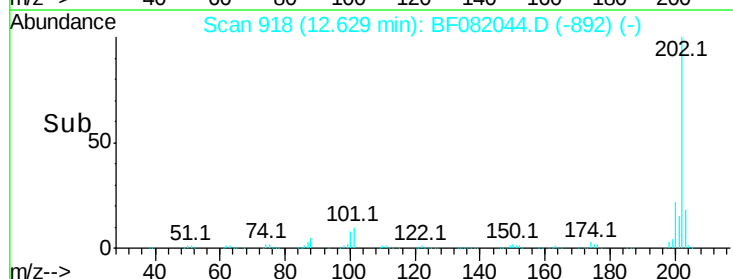
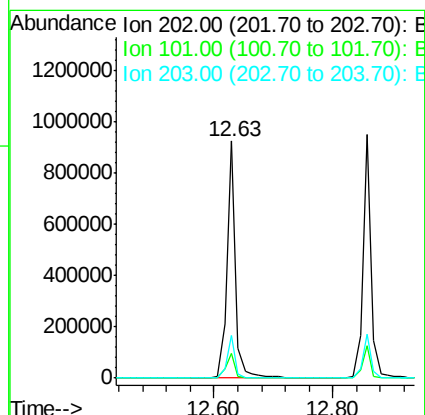
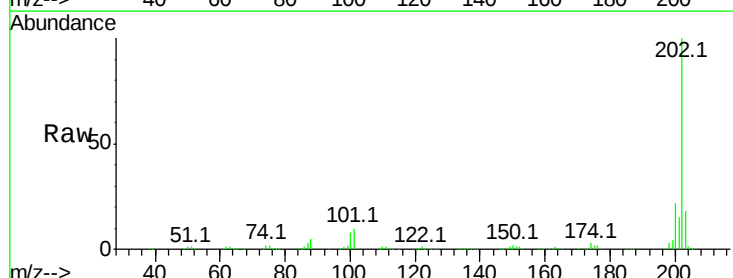
RT: 12.63 min Scan# 918

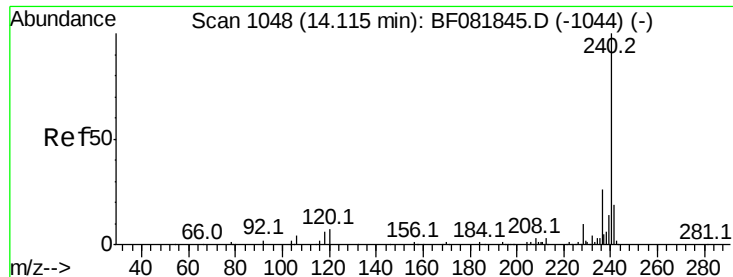
Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	38.3
203	18.1	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

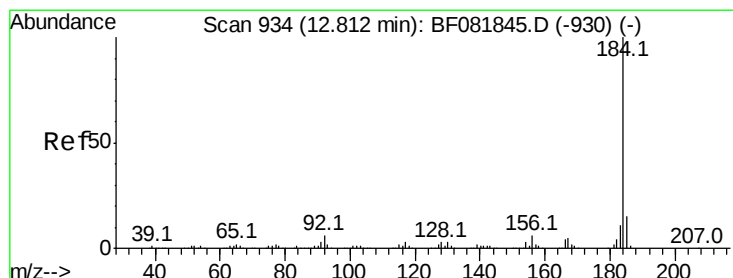
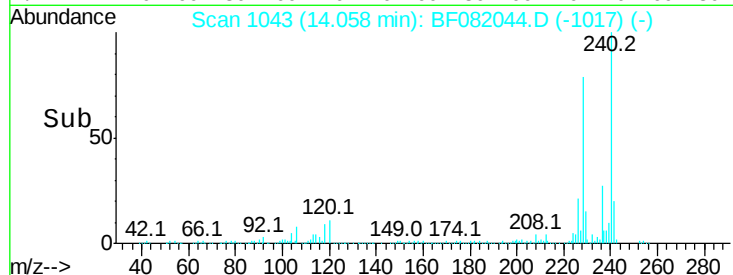
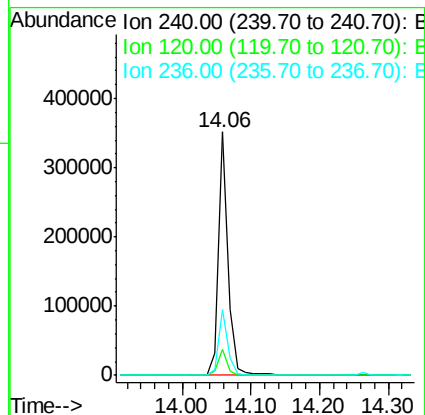
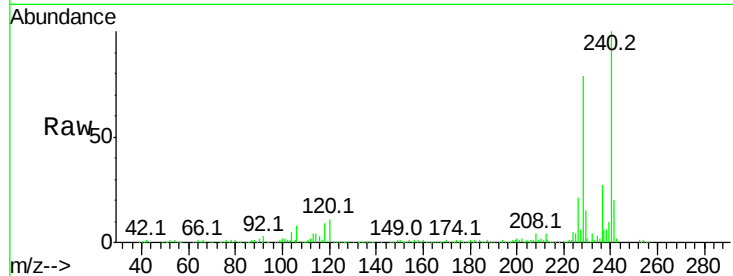
ClientSampleId :

PB85905BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	16.2	24.2#
236	26.8	18.4	27.6

Manual Integrations
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10/6/2015 2:53:54 PM



#76

Benzidine

Concen: 29.45 ng

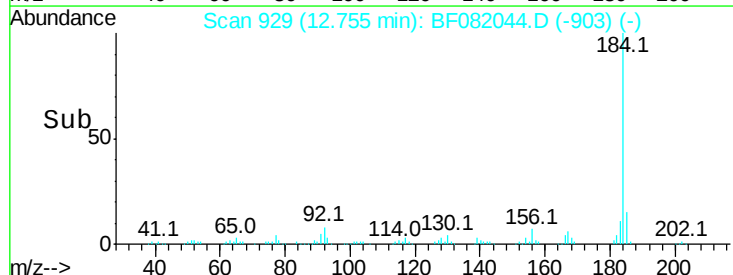
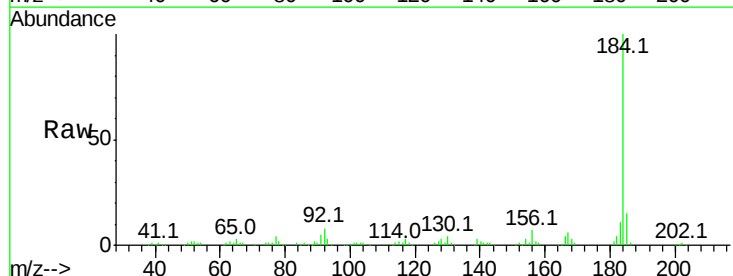
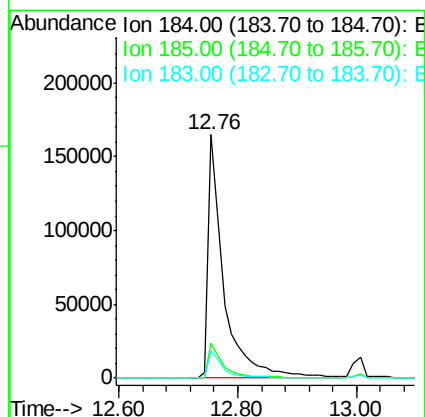
RT: 12.76 min Scan# 929

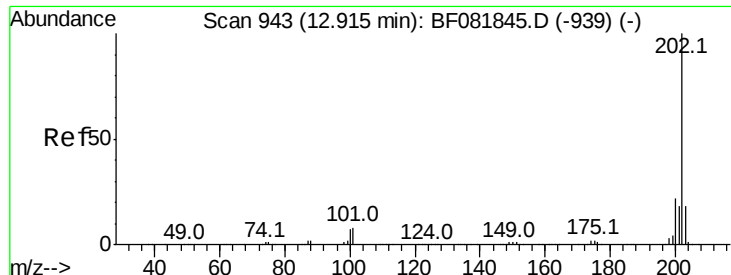
Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.6
183	11.4	7.6	11.4





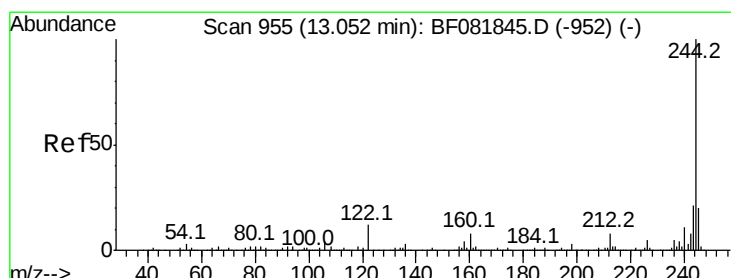
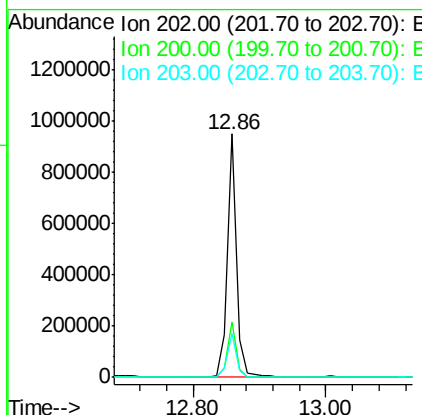
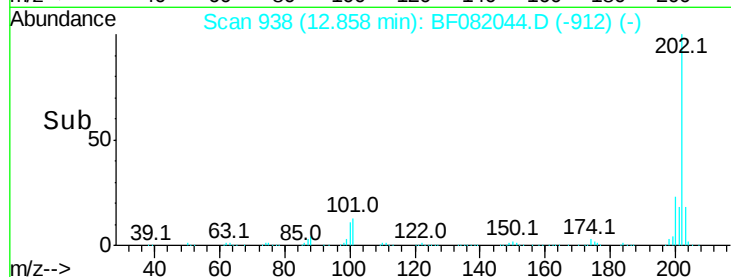
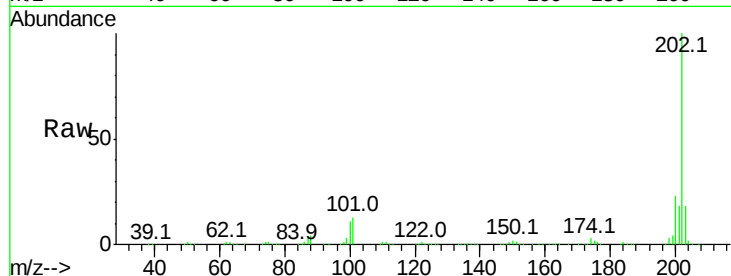
#77
Pvrene
Concen: 44.41 ng/ml
RT: 12.86 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.8	15.0	22.4#	
203	18.3	14.1	21.1	

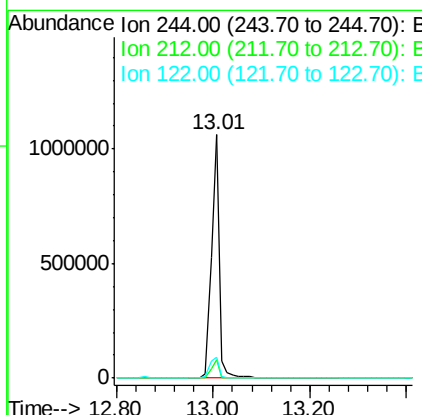
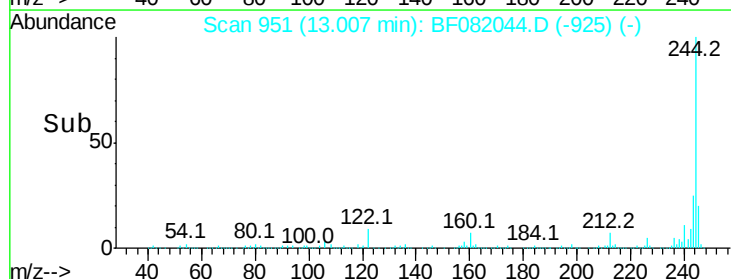
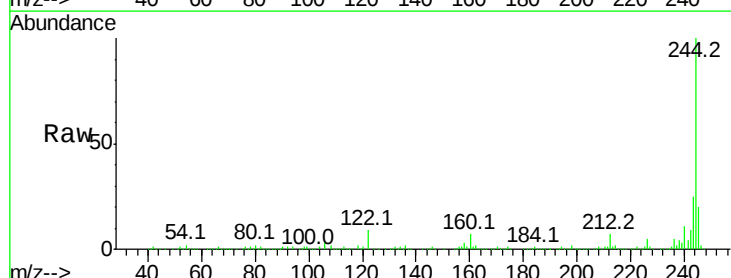
Manual Integrations
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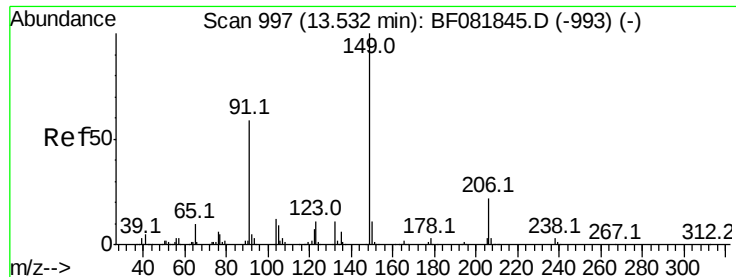
MMDadoda
10/6/2015 2:53:54 PM



#78
Terphenyl-d14
Concen: 133.33 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.5	4.3	6.5#	
122	8.6	17.4	26.2#	





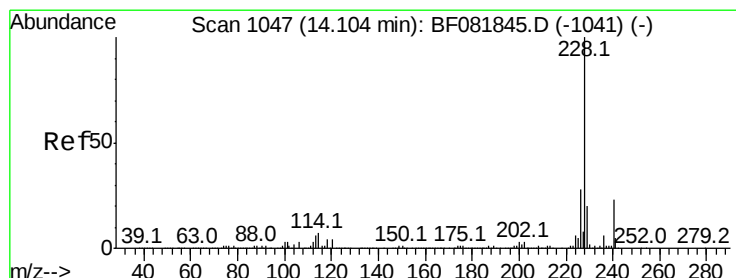
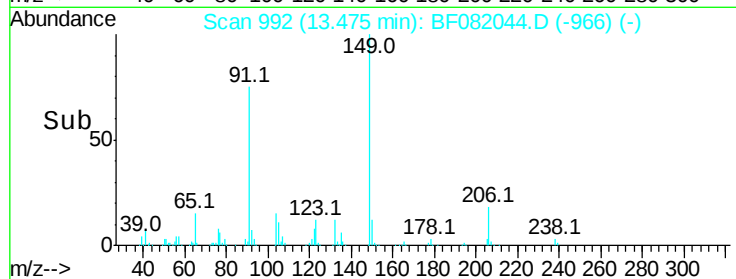
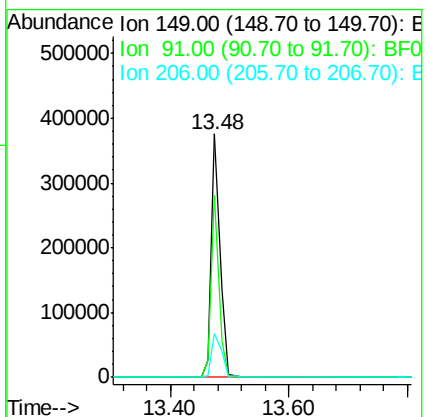
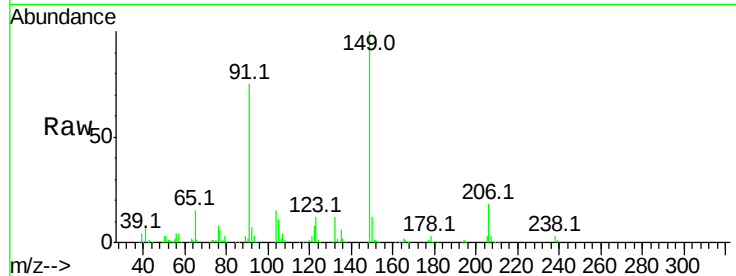
#79
Butylbenzylphthalate
Concen: 48.53 ng
RT: 13.48 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	378961		
91	74.8	48.6	72.8#	
206	18.0	14.9	22.3	

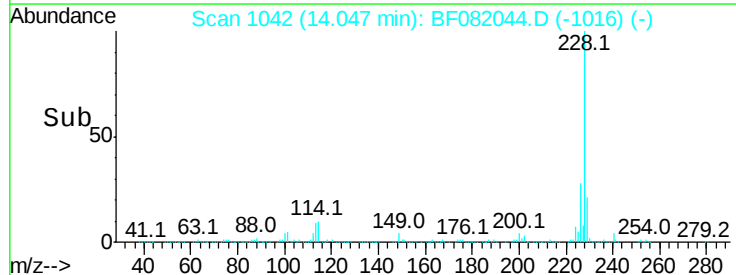
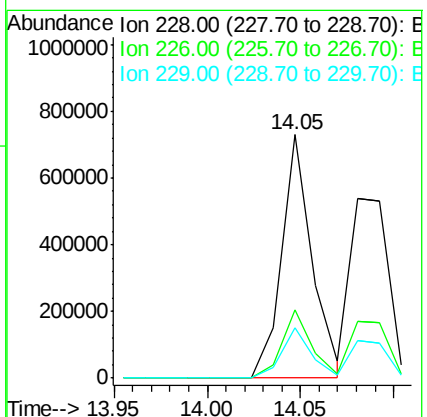
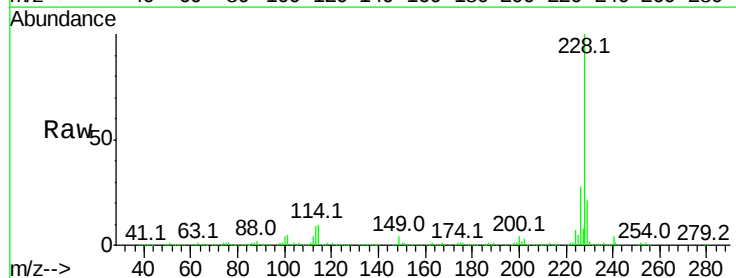
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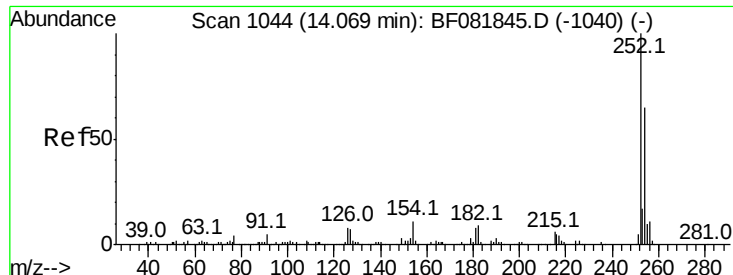
MMDadoda
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#80
Benzo(a)anthracene
Concen: 44.48 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	832135		
226	28.2	20.0	30.0	
229	20.6	15.4	23.2	





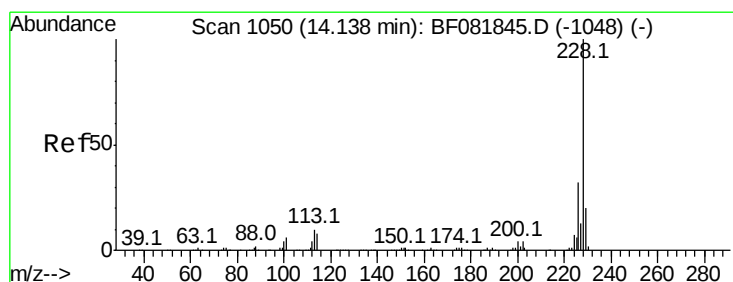
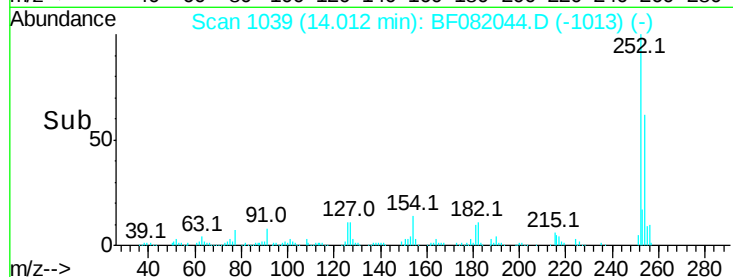
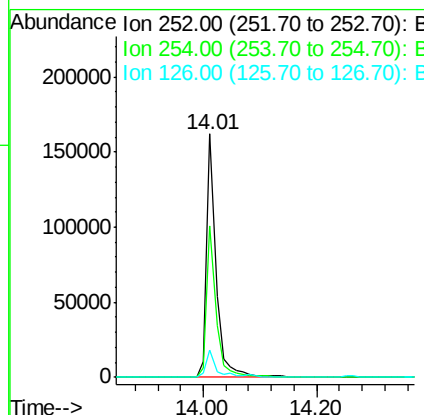
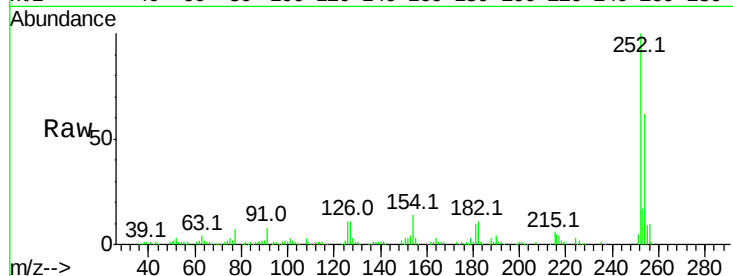
#81
 3,3'-Dichlorobenzidine
 Concen: 28.66 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.4	51.4	77.2
126	11.0	16.4	24.6

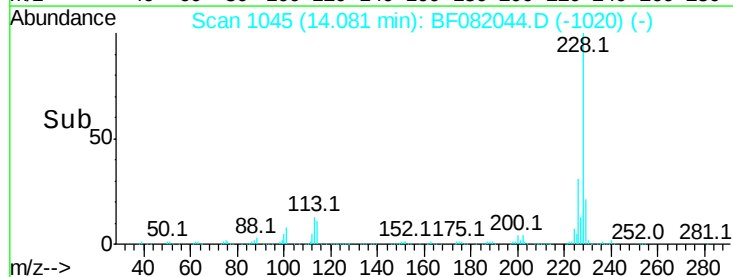
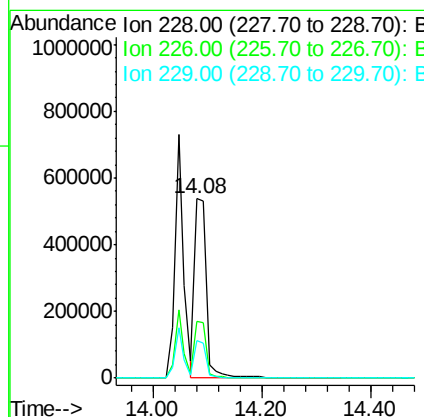
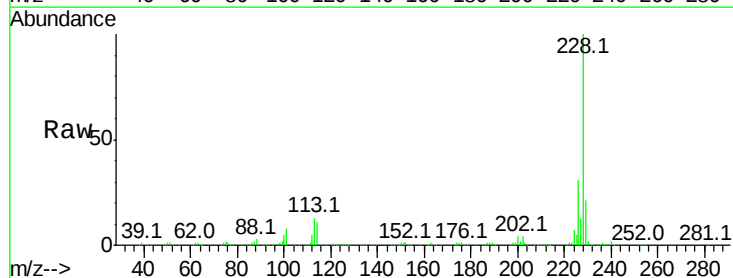
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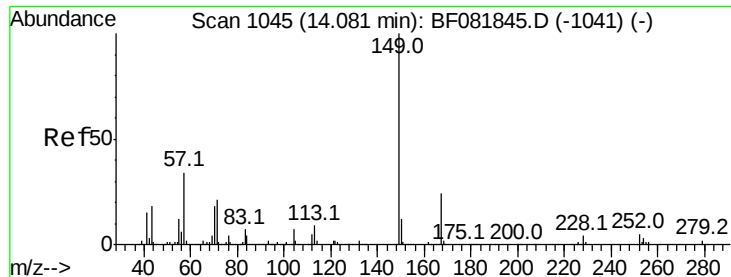
MMDadoda
 10/6/2015 2:53:54 PM



#82
 Chrysene
 Concen: 45.20 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	21.0	31.4
229	20.7	15.6	23.4





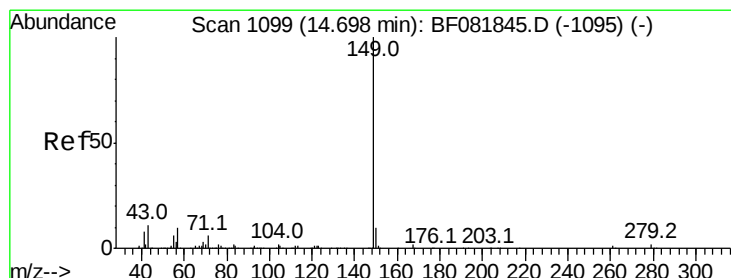
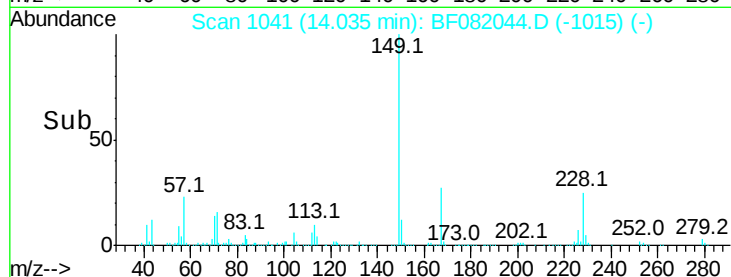
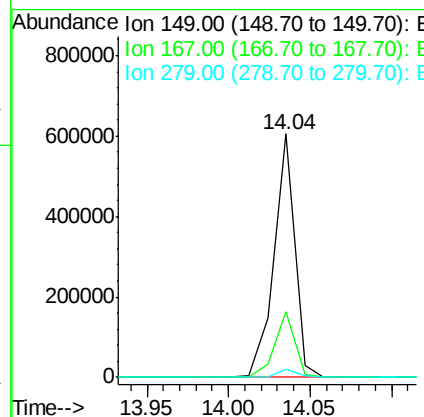
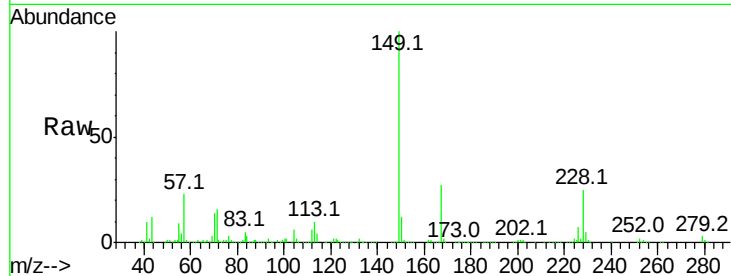
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.10 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.9	24.2	36.2
279	3.4	3.8	5.6

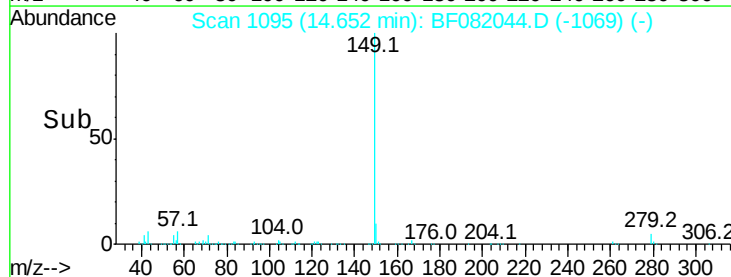
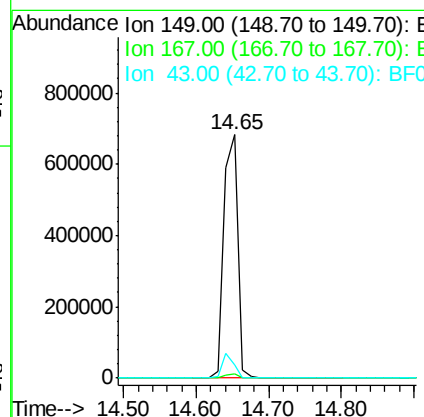
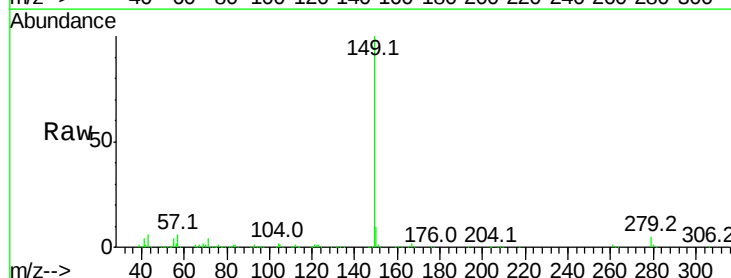
Manual Integrations
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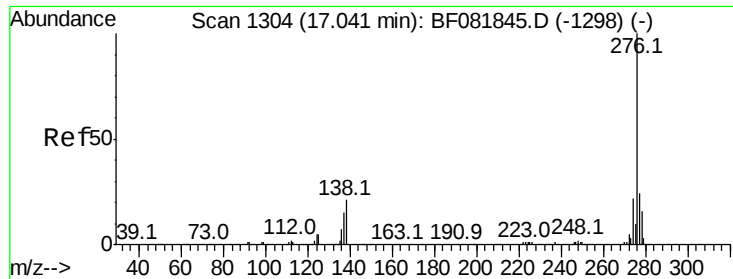
MMDadoda
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#84
 Di-n-octyl phthalate
 Concen: 57.22 ng
 RT: 14.65 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.0	1.6
43	8.7	10.2	15.2





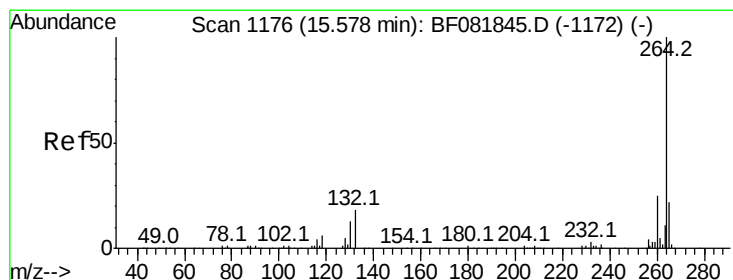
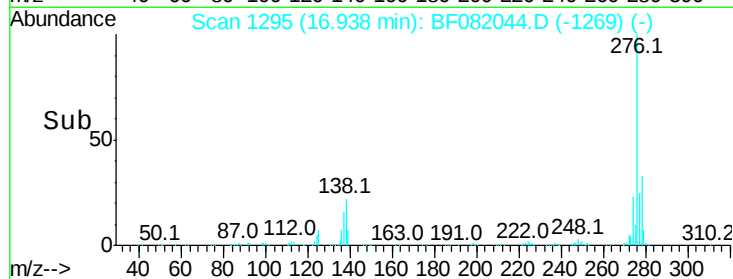
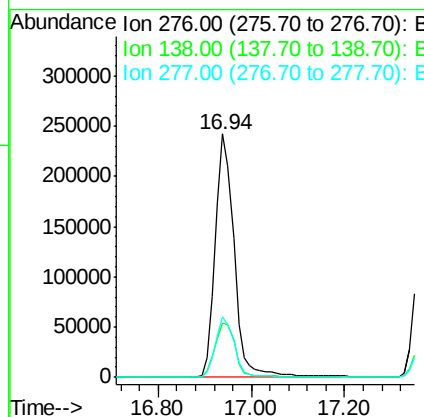
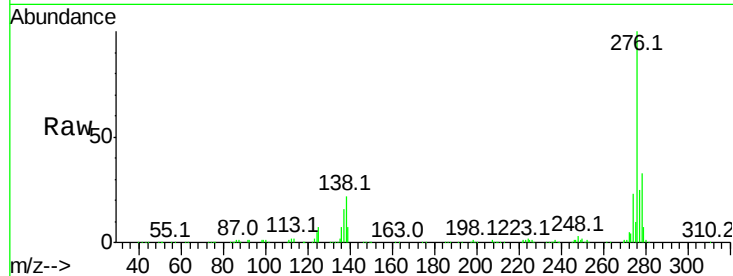
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.92 ng
 RT: 16.94 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.7	38.5#
277	25.0	15.6	23.4#

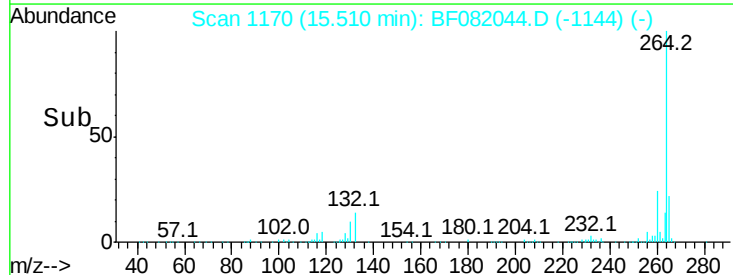
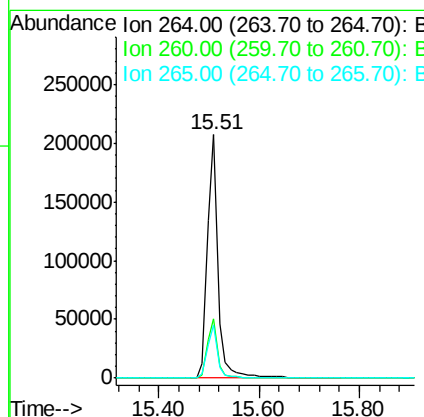
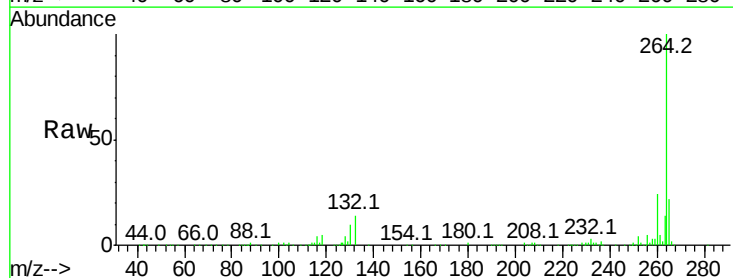
Manual Integrations
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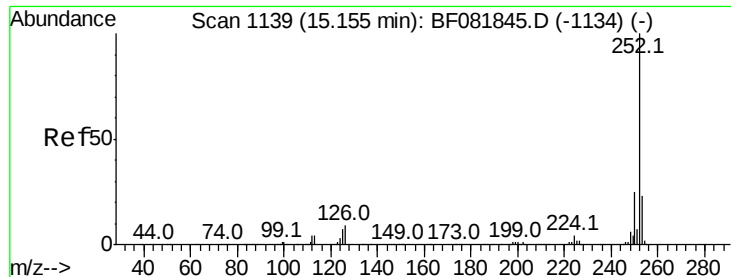
MMDadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.35 ng m

RT: 15.09 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

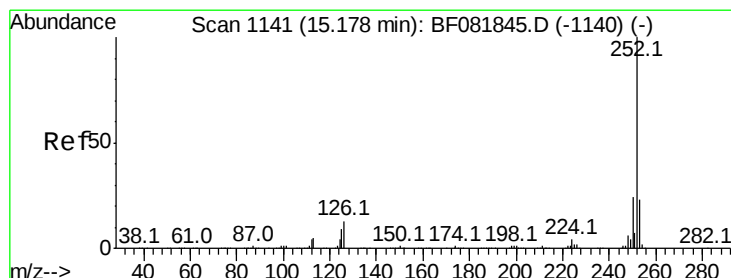
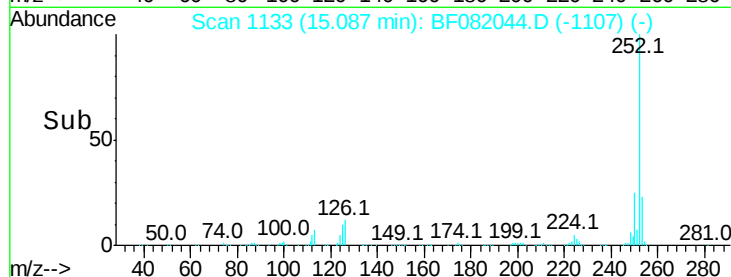
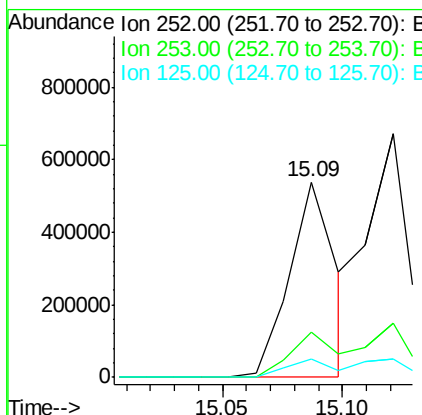
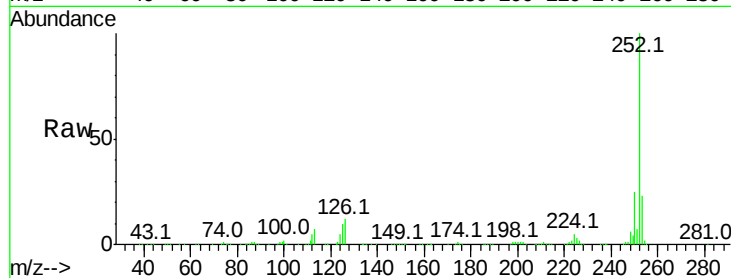
ClientSampleId :

PB85905BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	9.6	17.1	25.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 52.60 ng m

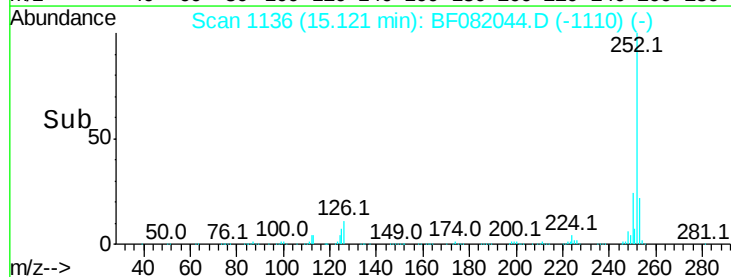
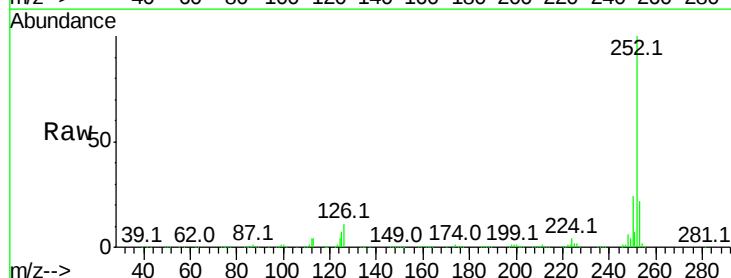
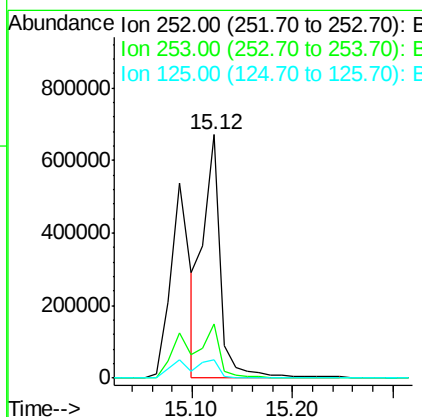
RT: 15.12 min Scan# 1136

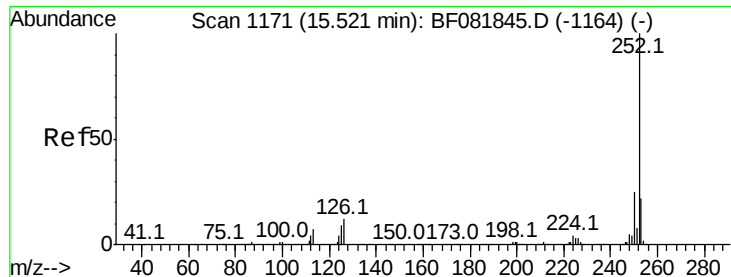
Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	7.3	16.0	24.0#





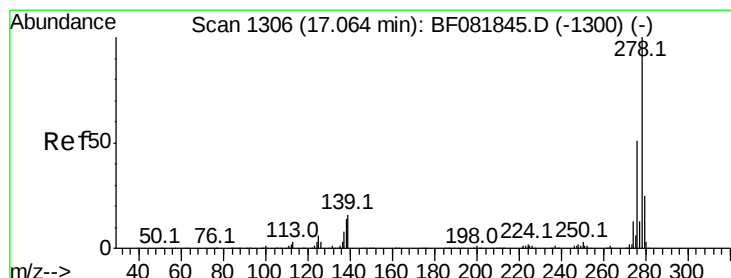
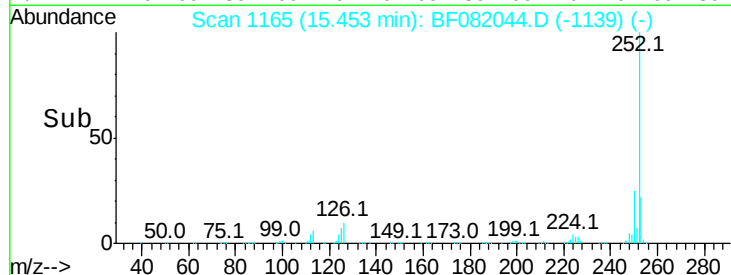
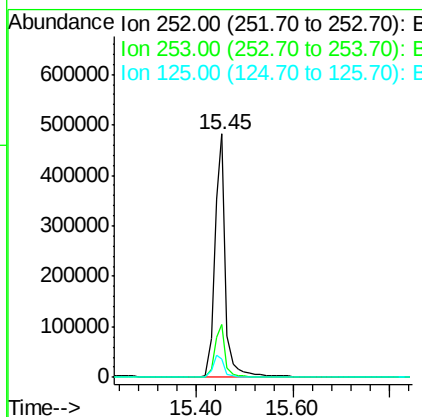
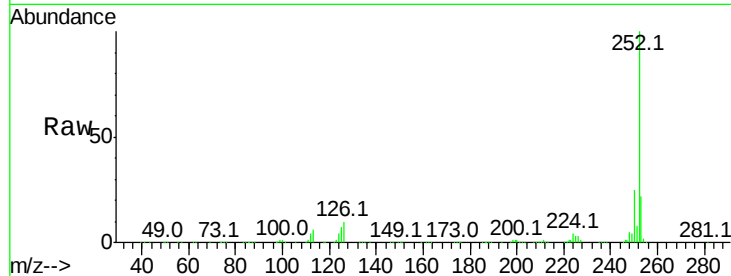
#89
Benzo(a)pyrene
Concen: 48.88 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	7.4	18.0	27.0

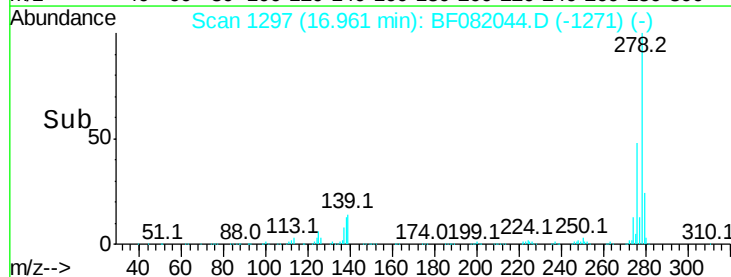
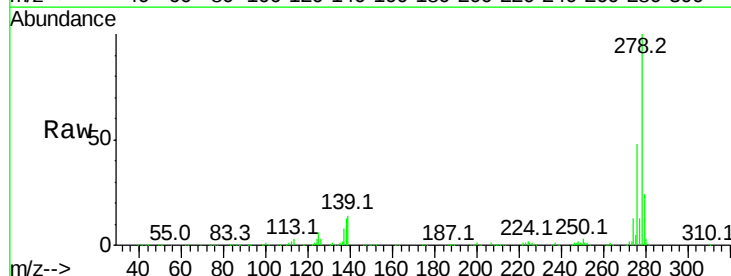
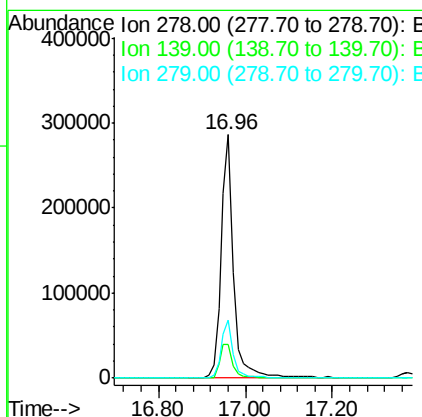
Manual Integrations
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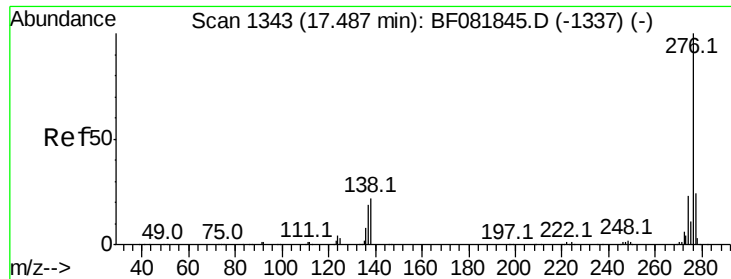
MMDadoda
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#90
Dibenzo(a,h)anthracene
Concen: 45.55 ng
RT: 16.96 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	26.3	39.5
279	23.7	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.18 ng
 RT: 17.37 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.8	26.6
138	21.5	34.6	51.8#

Manual Integrations
 APPROVED

MMDadoda
 10/6/2015 2:53:54 PM

