

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081962.D
 Acq On : 2 Oct 2015 2:45
 Operator : UM/IZ
 Sample : G3857-09MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Manual Integrations
 APPROVED

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 10/2/2015 6:04:57 PM

Quant Time: Oct 02 08:16:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	115152	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	457063	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	224077	20.00	ng	-0.03
63) Phenanthrene-d10	11.43	188	439052	20.00	ng	-0.03
75) Chrysene-d12	14.06	240	359548	20.00	ng	-0.06
86) Perylene-d12	15.51	264	281035	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	732994	115.55	ng	-0.01
7) Phenol-d6	6.54	99	981632	122.98	ng	-0.02
23) Nitrobenzene-d5	7.46	82	677947	98.87	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	315233	138.91	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1246389	95.31	ng	-0.05
78) Terphenyl-d14	13.01	244	1293855	140.77	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	109466	39.68	ng	# 73
3) Pyridine	3.41	79	207508	28.89	ng	85
4) n-Nitrosodimethylamine	3.34	42	125025	38.33	ng	97
6) Aniline	6.57	93	113430	10.58	ng	# 82
8) 2-Chlorophenol	6.69	128	326421	46.60	ng	96
9) Benzaldehyde	6.45	77	19765	3.78	ng	# 79
10) Phenol	6.55	94	362197	40.45	ng	81
11) bis(2-Chloroethyl)ether	6.64	93	343300	49.44	ng	95
12) 1,3-Dichlorobenzene	6.83	146	347723m	42.02	ng	
13) 1,4-Dichlorobenzene	6.91	146	378949m	43.86	ng	
14) 1,2-Dichlorobenzene	7.07	146	345969	44.94	ng	98
15) Benzyl Alcohol	7.04	79	228192	39.60	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.18	45	456273	46.48	ng	79
17) 2-Methylphenol	7.15	107	268274	47.24	ng	# 85
18) Hexachloroethane	7.41	117	124120	45.89	ng	# 85
19) n-Nitroso-di-n-propylamine	7.31	70	213690	44.05	ng	# 77
20) 3+4-Methylphenols	7.31	107	304052	42.39	ng	# 43
22) Acetophenone	7.31	105	447506	47.89	ng	# 81
24) Nitrobenzene	7.49	77	329767	44.29	ng	# 70
25) Isophorone	7.73	82	641719	47.22	ng	# 92
26) 2-Nitrophenol	7.81	139	183927	51.46	ng	# 84
27) 2,4-Dimethylphenol	7.84	122	308586	49.08	ng	# 83
28) bis(2-Chloroethoxy)methane	7.93	93	369169	45.74	ng	# 93
29) 2,4-Dichlorophenol	8.05	162	306922	50.35	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	328577	48.28	ng	100
31) Naphthalene	8.21	128	940331	46.43	ng	97
32) Benzoic acid	7.97	122	174578	46.66	ng	# 69
33) 4-Chloroaniline	8.27	127	35611	4.07	ng	# 92
34) Hexachlorobutadiene	8.32	225	199549	49.58	ng	98
35) Caprolactam	8.63	113	74606m	44.21	ng	
36) 4-Chloro-3-methylphenol	8.74	107	300623	50.43	ng	90
37) 2-Methylnaphthalene	8.89	142	635025	45.93	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	333049	48.41	ng	99
40) Hexachlorocyclopentadiene	9.05	237	371939	104.99	ng	98

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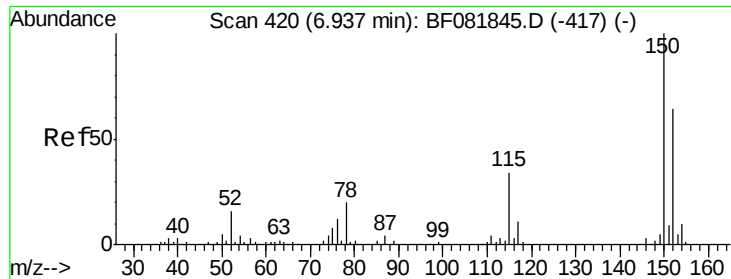
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	230341	48.84	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	240569	49.60	ng	96
45) 1,1'-Biphenyl	9.36	154	786303	45.48	ng	94
46) 2-Chloronaphthalene	9.38	162	614971	45.31	ng	# 91
47) 2-Nitroaniline	9.49	65	185220	46.48	ng	# 80
48) Acenaphthylene	9.81	152	1034150	47.60	ng	96
49) Dimethylphthalate	9.67	163	793280	51.29	ng	# 98
50) 2,6-Dinitrotoluene	9.73	165	161184	48.00	ng	# 65
51) Acenaphthene	9.98	154	699258	54.20	ng	89
52) 3-Nitroaniline	9.90	138	38273	9.85	ng	# 71
53) 2,4-Dinitrophenol	10.00	184	161911	90.57	ng	# 48
54) Dibenzofuran	10.15	168	918091	50.36	ng	# 91
55) 4-Nitrophenol	10.06	139	219277	78.12	ng	# 45
56) 2,4-Dinitrotoluene	10.13	165	214355	50.07	ng	# 69
57) Fluorene	10.49	166	703387	54.39	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	210858	54.81	ng	92
59) Diethylphthalate	10.37	149	750485	51.95	ng	96
60) 4-Chlorophenyl-phenylether	10.48	204	343763	51.50	ng	94
61) 4-Nitroaniline	10.51	138	142577	36.60	ng	# 52
62) Azobenzene	10.64	77	725102	51.43	ng	93
64) 4,6-Dinitro-2-methylphenol	10.54	198	119340	57.29	ng	# 77
65) n-Nitrosodiphenylamine	10.59	169	543825	40.94	ng	91
66) 4-Bromophenyl-phenylether	10.97	248	234292	52.92	ng	# 91
67) Hexachlorobenzene	11.03	284	214880	43.01	ng	# 91
68) Atrazine	11.12	200	107927	26.19	ng	83
69) Pentachlorophenol	11.22	266	257498	90.46	ng	99
70) Phenanthrene	11.45	178	1059430	50.34	ng	95
71) Anthracene	11.50	178	1056926	47.36	ng	96
72) Carbazole	11.66	167	880542	43.60	ng	95
73) Di-n-butylphthalate	11.99	149	1117046	54.59	ng	99
74) Fluoranthene	12.63	202	1108020	47.11	ng	94
76) Benzidine	12.78	184	49102	4.53	ng	98
77) Pyrene	12.87	202	1126951	52.47	ng	96
79) Butylbenzylphthalate	13.49	149	482872	59.74	ng	# 86
80) Benzo(a)anthracene	14.05	228	939463	48.52	ng	95
81) 3,3'-Dichlorobenzidine	14.02	252	66789	10.21	ng	# 91
82) Chrysene	14.09	228	1004651	Below	Cal	93
83) Bis(2-ethylhexyl)phthalate	14.04	149	607597	59.93	ng	# 93
84) Di-n-octyl phthalate	14.65	149	1036091	62.79	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.94	276	726967	48.00	ng	# 87
87) Benzo(b)fluoranthene	15.09	252	742631m	46.28	ng	
88) Benzo(k)fluoranthene	15.12	252	864375m	58.78	ng	
89) Benzo(a)pyrene	15.45	252	739851	53.16	ng	# 84
90) Dibenzo(a,h)anthracene	16.96	278	605225	51.83	ng	# 80
91) Benzo(g,h,i)perylene	17.37	276	600582	50.19	ng	# 76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081962.D

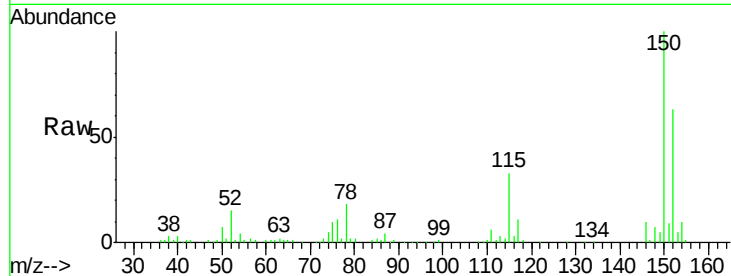
Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

A1-COMPMSD



Tgt Ion: 152 Resp: 115152

Ion Ratio Lower Upper

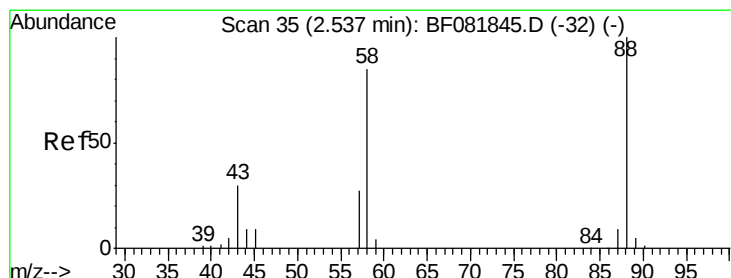
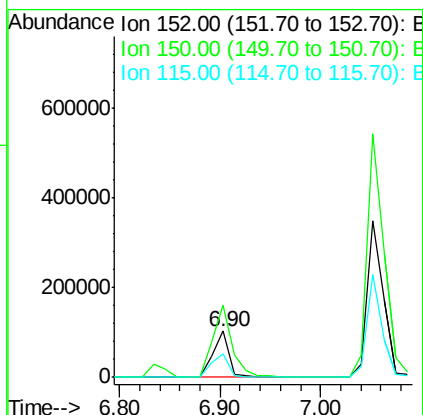
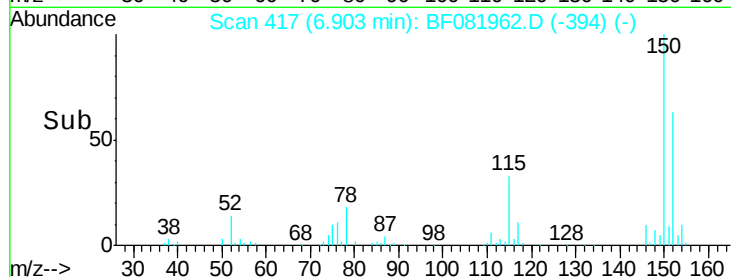
152 100

150 157.6 124.7 187.1

115 51.5 39.0 58.4

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#2

1,4-Dioxane

Concen: 39.68 ng

RT: 2.70 min Scan# 49

Delta R.T. 0.16 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

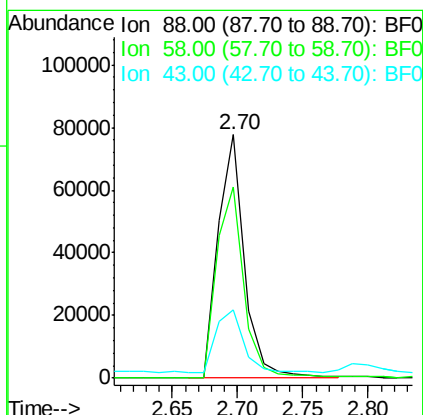
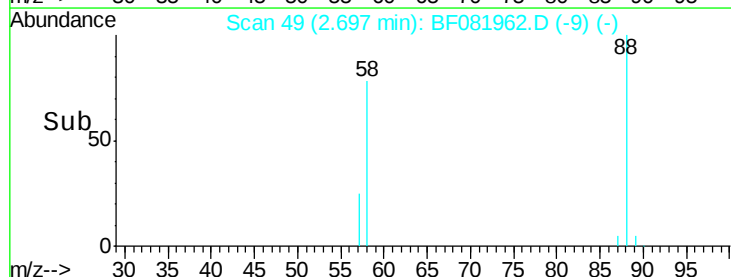
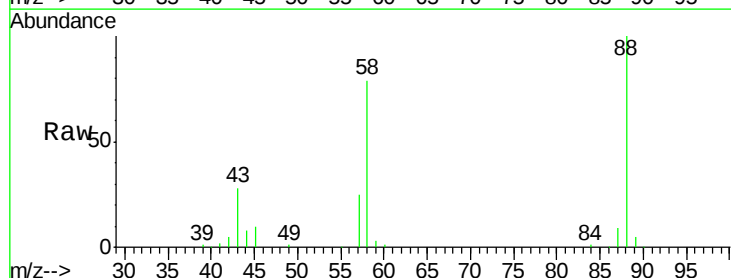
Tgt Ion: 88 Resp: 109466

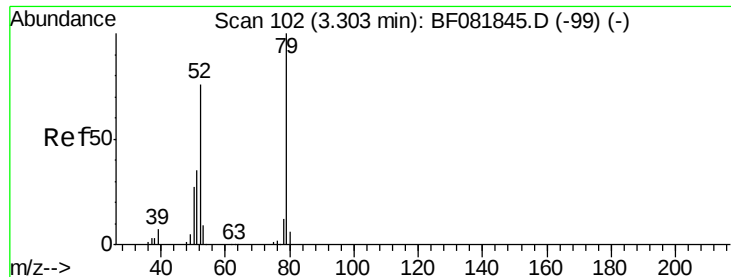
Ion Ratio Lower Upper

88 100

58 81.6 77.7 116.5

43 0.0 26.6 40.0#





#3

Pyridine

Concen: 28.89 ng

RT: 3.41 min Scan# 111

Delta R.T. 0.10 min

Lab File: BF081962.D

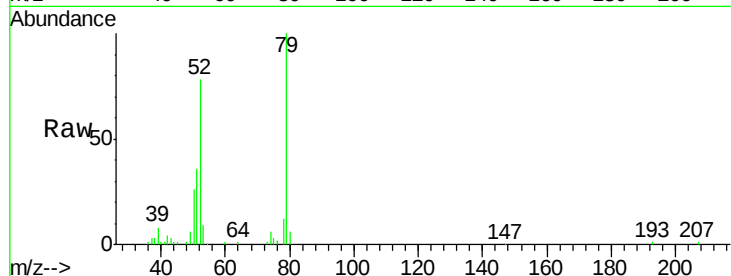
Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

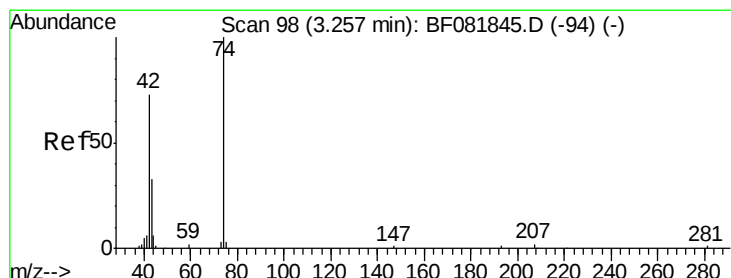
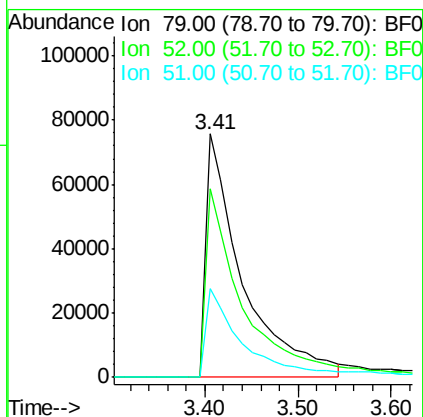
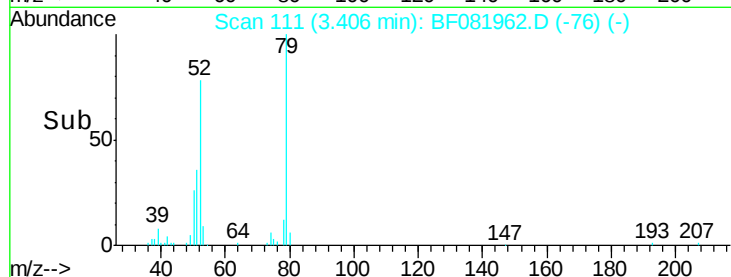
A1-COMPMSD



Tgt Ion:	79	Resp:	207508
Ion	Ratio	Lower	Upper
79	100		
52	77.6	76.8	115.2
51	36.4	32.2	48.4

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#4

n-Nitrosodimethylamine

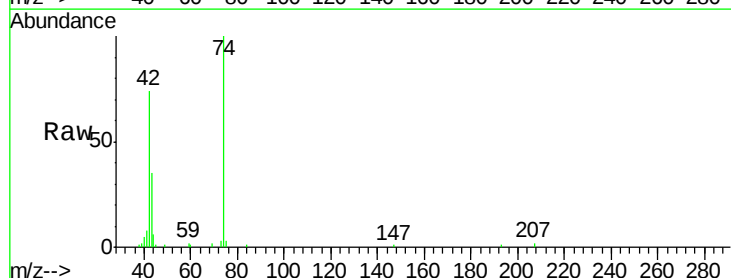
Concen: 38.33 ng

RT: 3.34 min Scan# 105

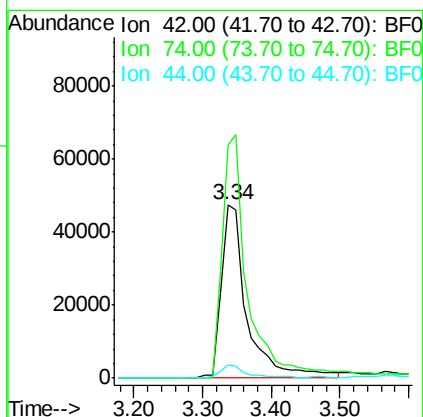
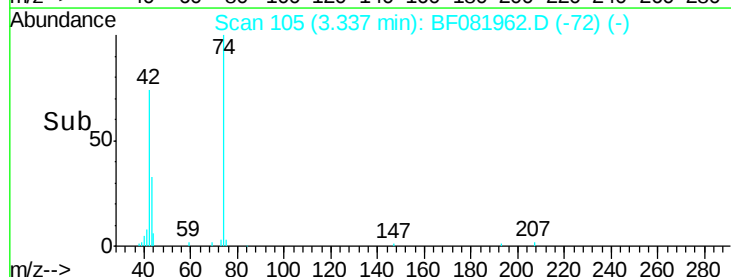
Delta R.T. 0.08 min

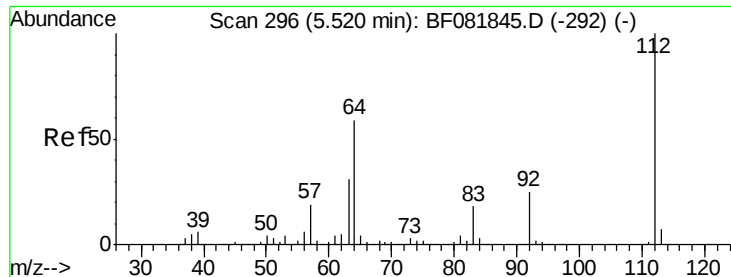
Lab File: BF081962.D

Acq: 2 Oct 2015 2:45



Tgt Ion:	42	Resp:	125025
Ion	Ratio	Lower	Upper
42	100		
74	134.4	105.0	157.6
44	7.6	6.6	10.0





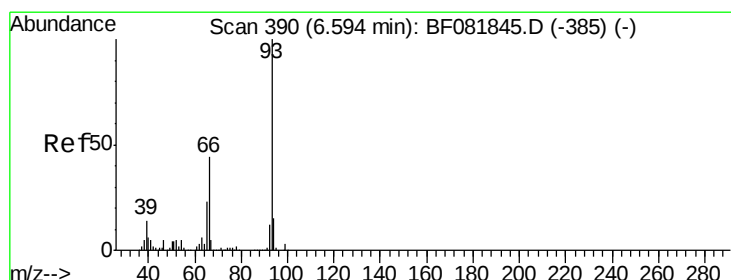
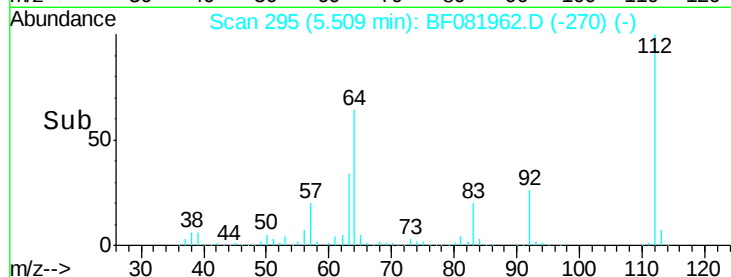
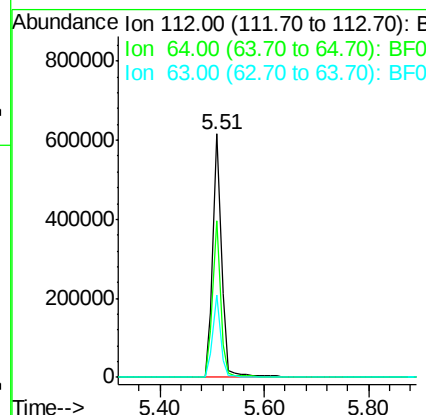
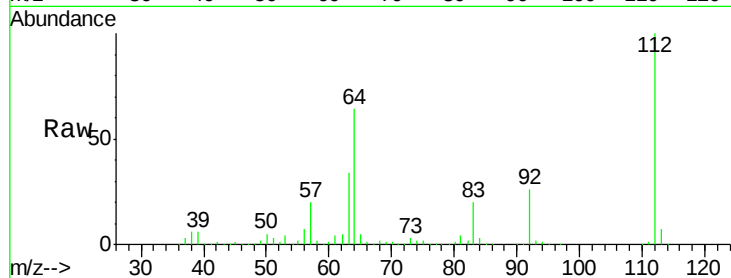
#5
2-Fluorophenol
Concen: 115.55 ng
RT: 5.51 min Scan# 295
Delta R.T. -0.01 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	64.2	39.7	59.5#
63	33.6	17.4	26.0#

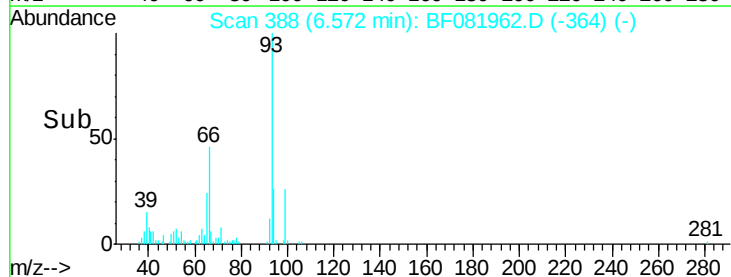
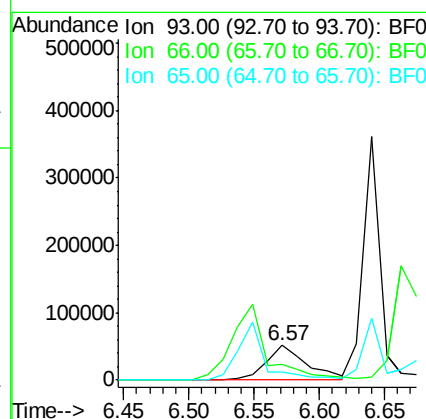
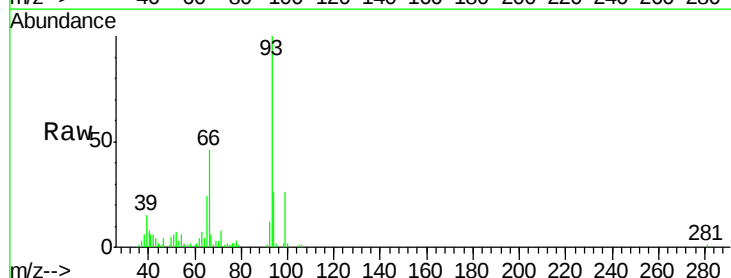
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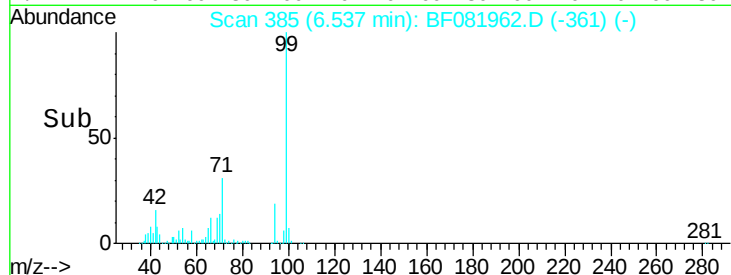
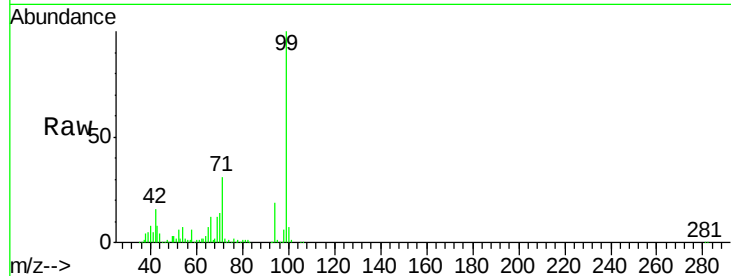
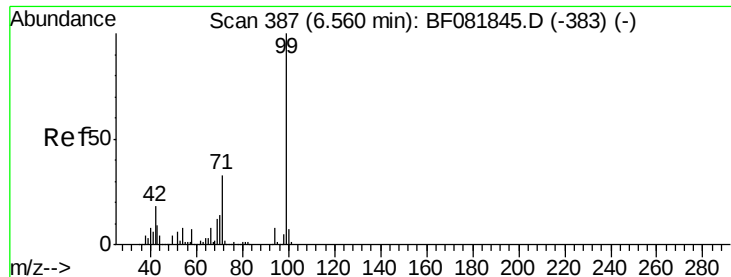
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#6
Aniline
Concen: 10.58 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	45.7	27.2	40.8#
65	24.2	14.7	22.1#





#7

Phenol-d6

Concen: 122.98 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Tgt Ion:	99	Resp:	981632
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.7	20.5
71	31.4	14.2	21.2#

Instrument :

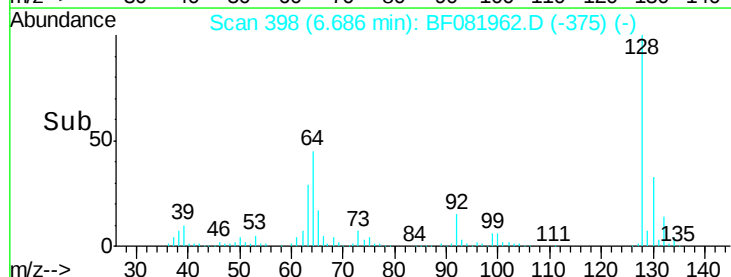
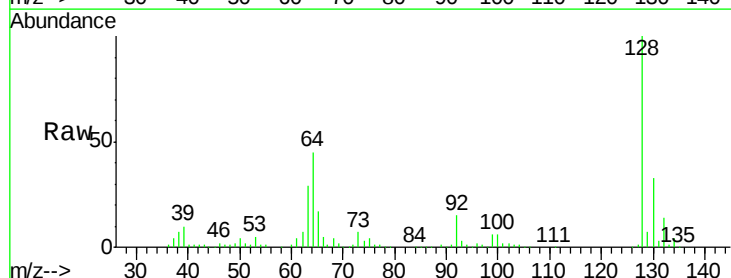
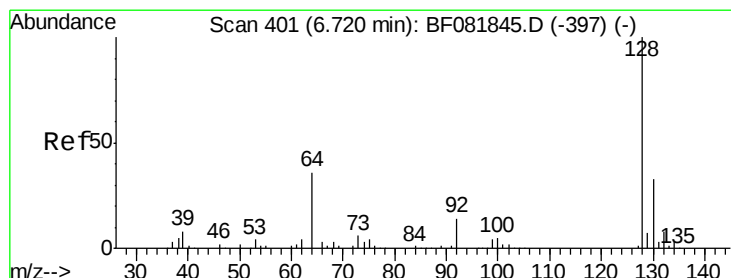
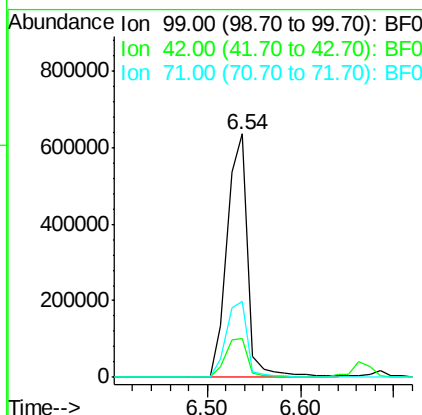
BNA_F

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#8

2-Chlorophenol

Concen: 46.60 ng

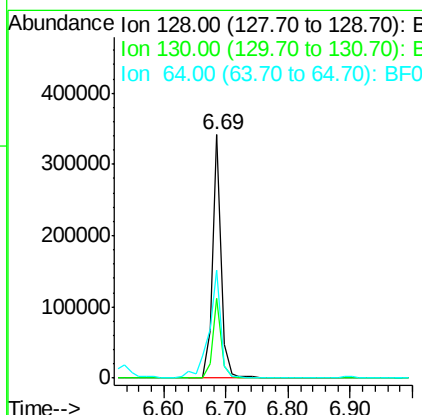
RT: 6.69 min Scan# 398

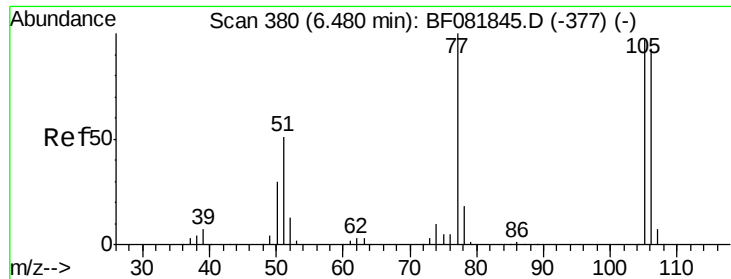
Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Tgt Ion:	128	Resp:	326421
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.2	52.2
64	44.6	20.5	60.5





#9

Benzaldehyde

Concen: 3.78 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

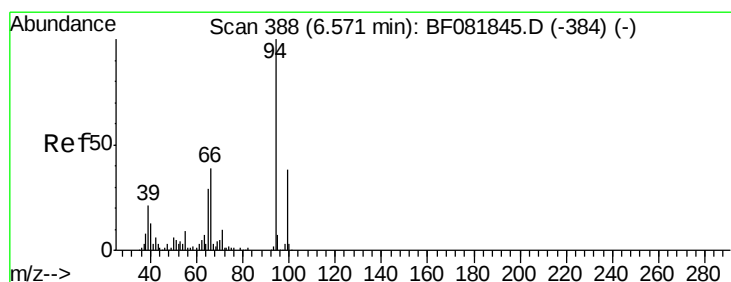
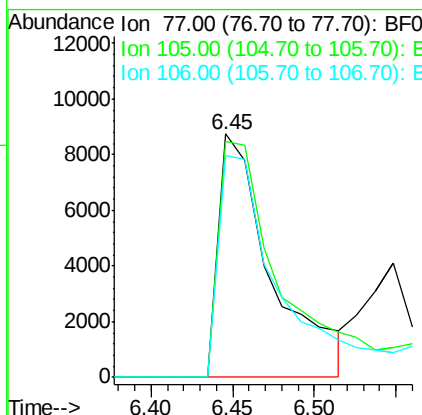
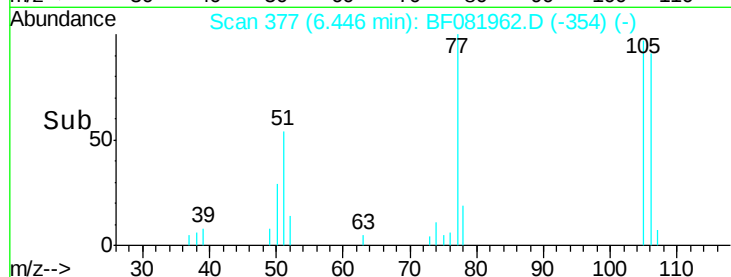
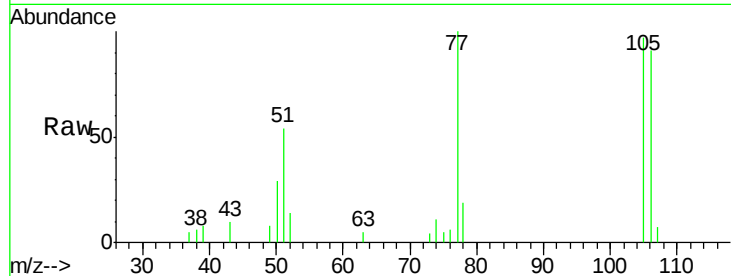
ClientSampleId :

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Tgt Ion:	77	Resp:	19765
Ion	Ratio	Lower	Upper
77	100		
105	96.7	91.6	131.6
106	91.1	102.6	142.6#



#10

Phenol

Concen: 40.45 ng

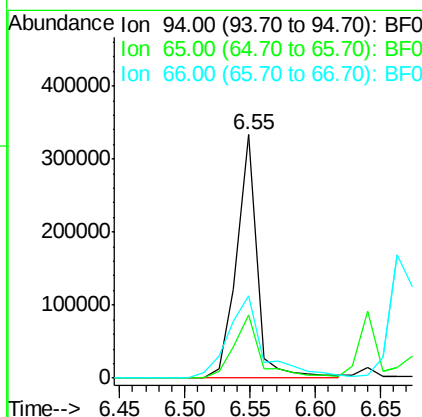
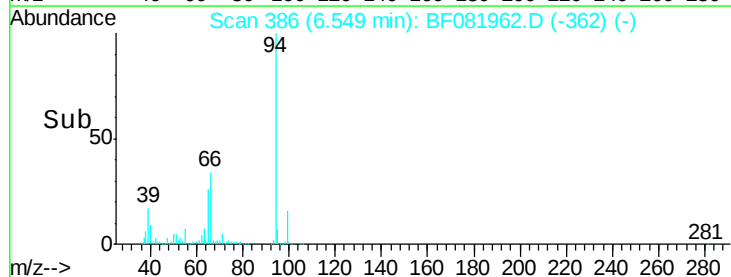
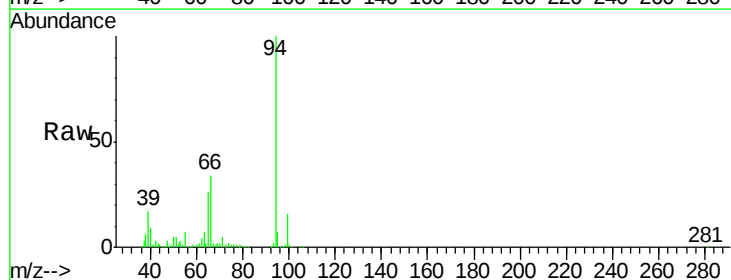
RT: 6.55 min Scan# 386

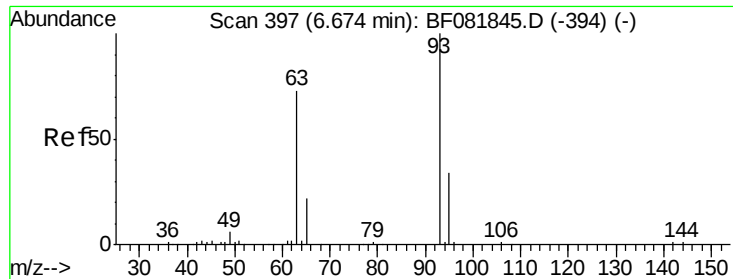
Delta R.T. -0.02 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Tgt Ion:	94	Resp:	362197
Ion	Ratio	Lower	Upper
94	100		
65	25.9	0.7	40.7
66	33.7	0.8	40.8





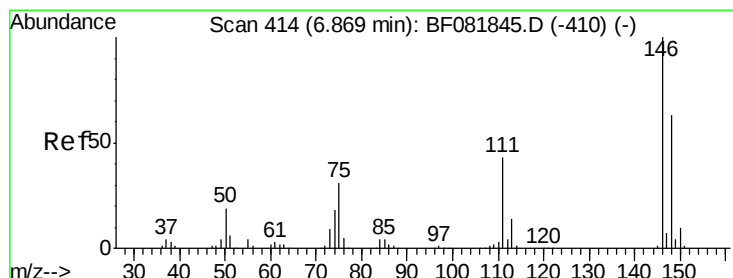
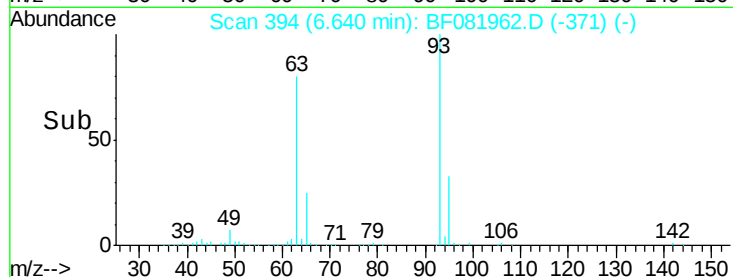
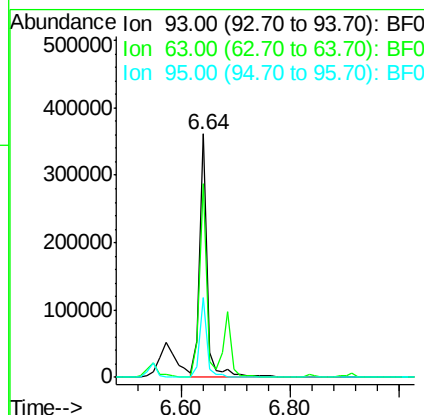
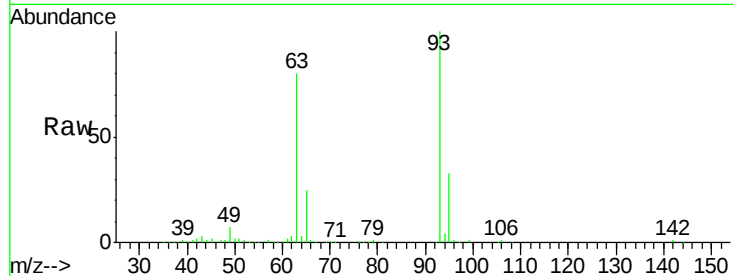
#11
bis(2-Chloroethyl)ether
Concen: 49.44 ng
RT: 6.64 min Scan# 394
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	343300		
63	79.8	65.6	105.6	
95	32.6	13.6	53.6	

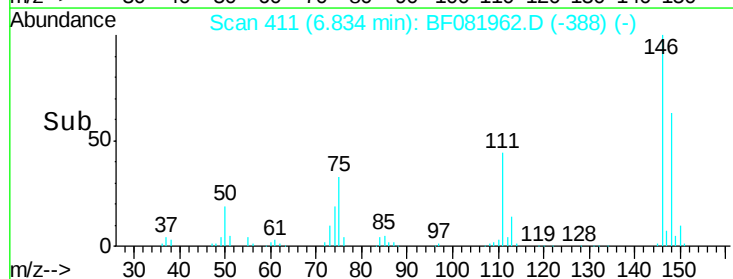
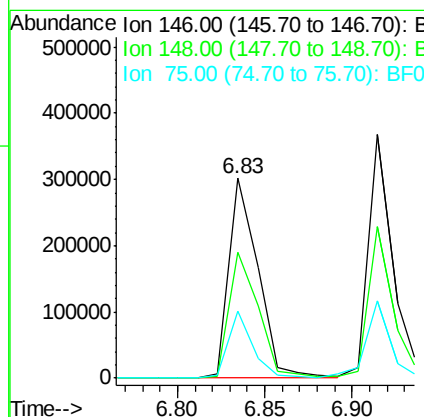
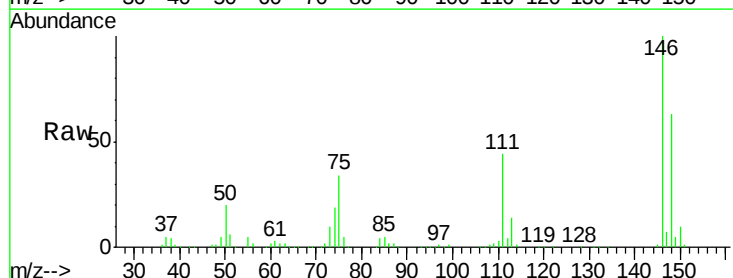
Manual Integrations
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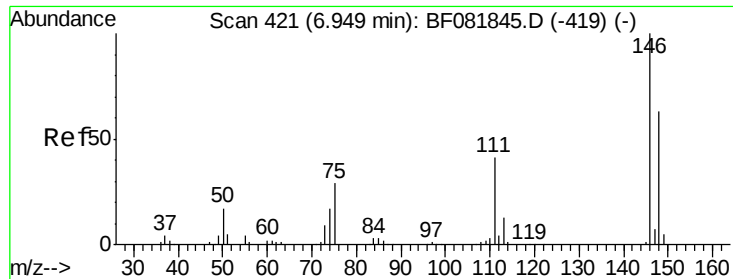
MMDadoda
10/2/2015 6:04:57 PM



#12
1,3-Dichlorobenzene
Concen: 42.02 ng m
RT: 6.83 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	347723		
148	63.0	51.0	76.4	
75	33.6	15.0	22.6	





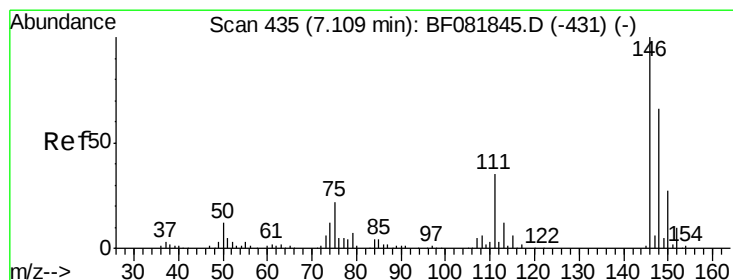
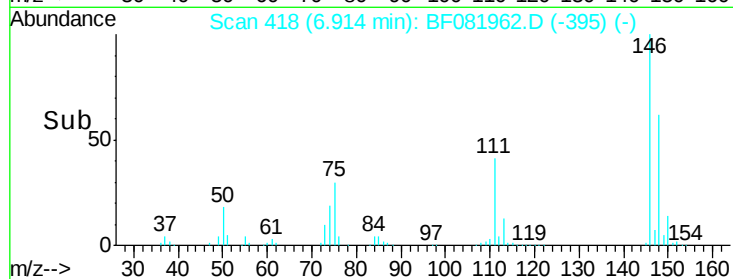
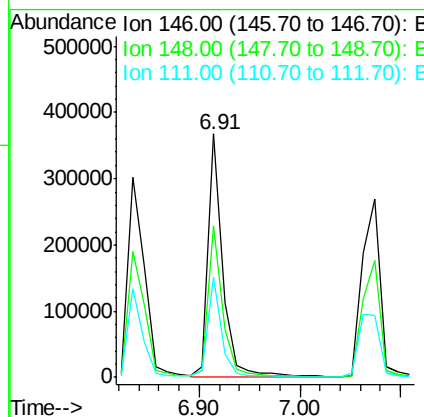
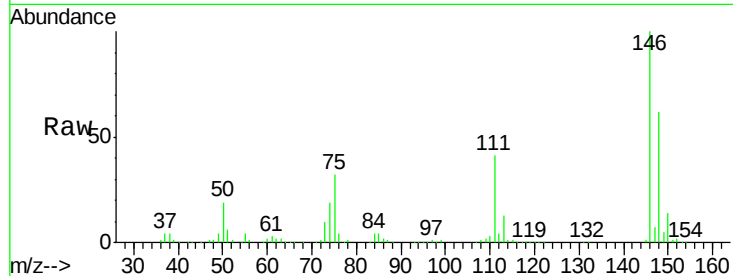
#13
 1,4-Dichlorobenzene
 Concen: 43.86 ng m
 RT: 6.91 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.8	77.6
111	41.1	24.9	37.3

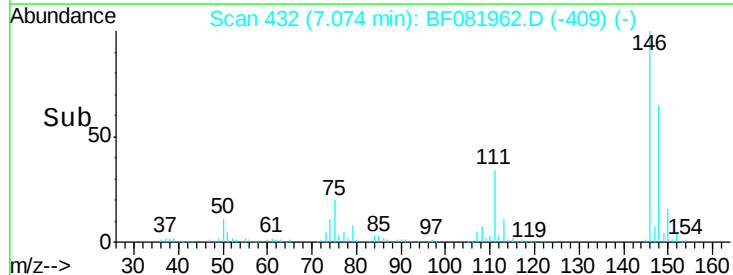
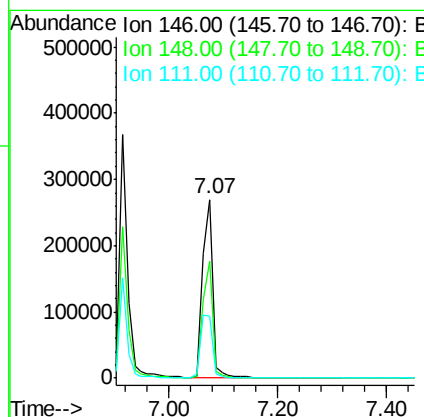
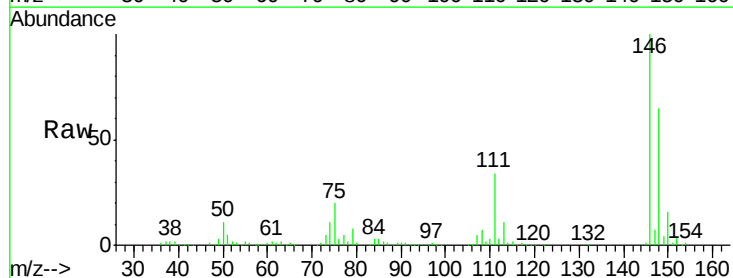
Manual Integrations
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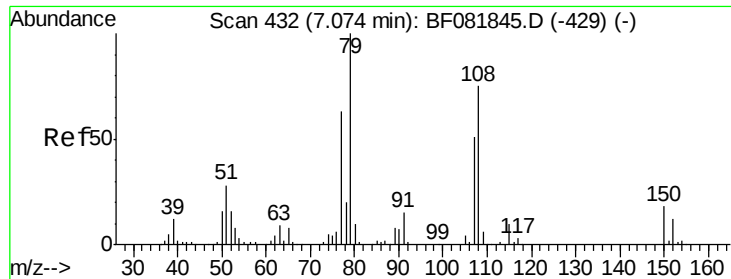
MMDadoda
 10/2/2015 6:04:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.94 ng
 RT: 7.07 min Scan# 432
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.7	79.1
111	34.4	28.8	43.2





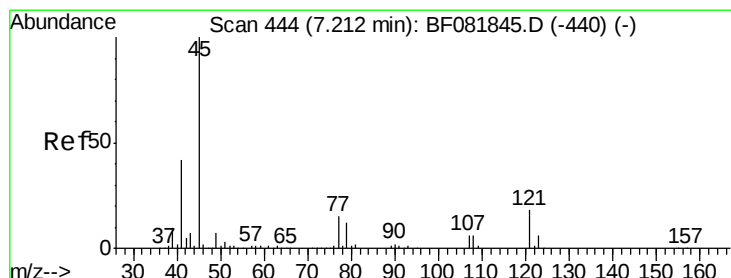
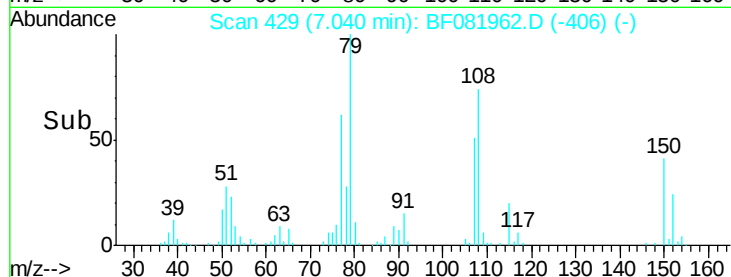
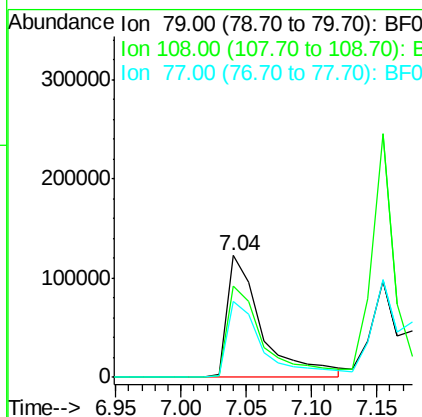
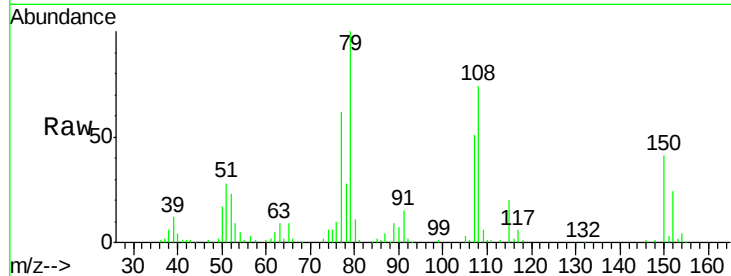
#15
Benzyl Alcohol
Concen: 39.60 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion: 79 Resp: 228192
Ion Ratio Lower Upper
79 100
108 74.5 88.6 132.8#
77 62.0 47.0 70.4

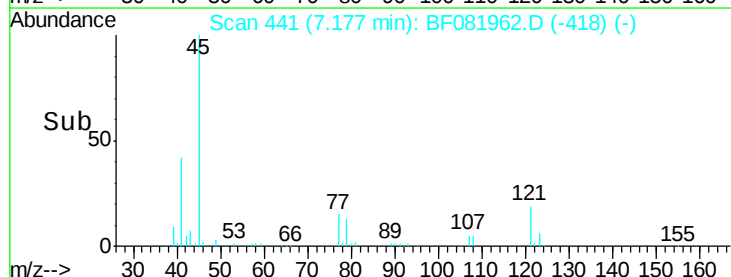
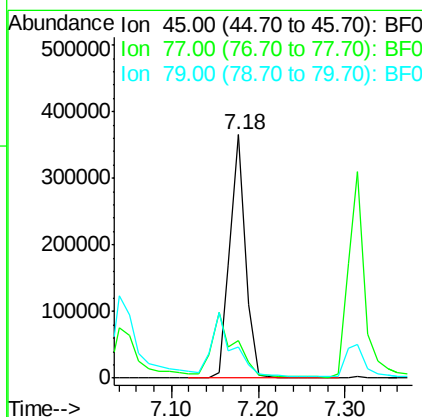
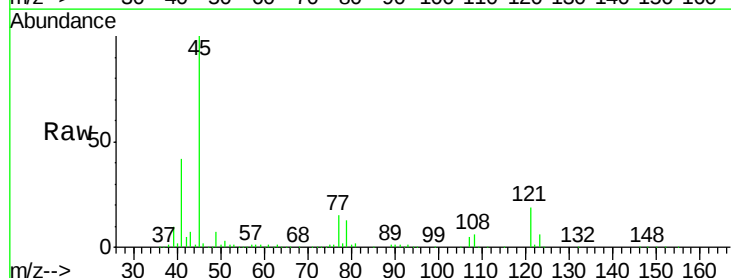
Manual Integrations
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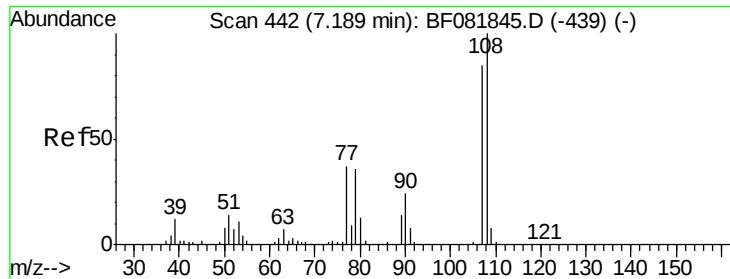
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.48 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion: 45 Resp: 456273
Ion Ratio Lower Upper
45 100
77 15.4 0.0 28.1
79 13.0 0.0 26.0





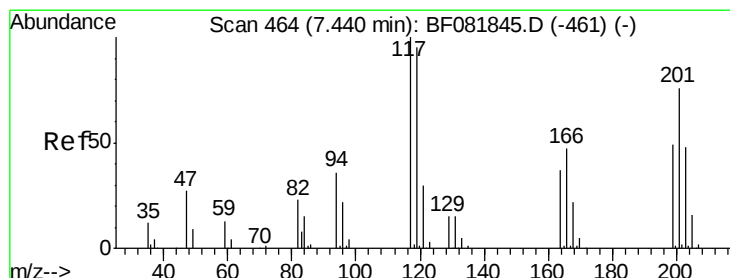
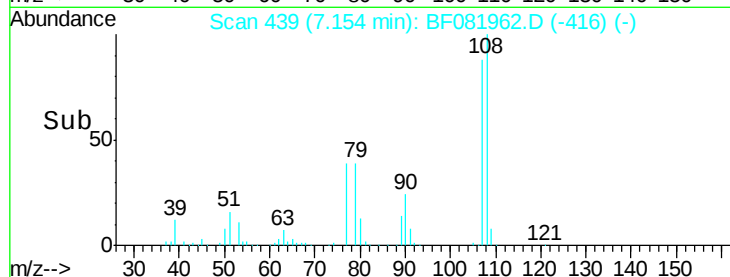
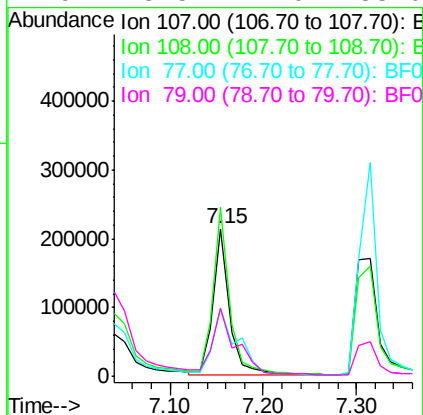
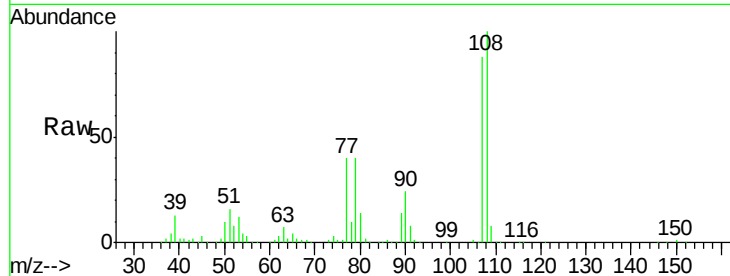
#17
2-Methylphenol
Concen: 47.24 ng
RT: 7.15 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion:	107	Resp:	268274
Ion Ratio	Lower	Upper	
107	100		
108	114.1	96.6	145.0
77	45.8	23.3	34.9#
79	45.5	22.0	33.0#

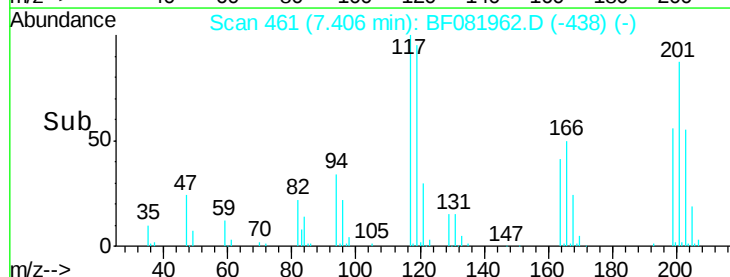
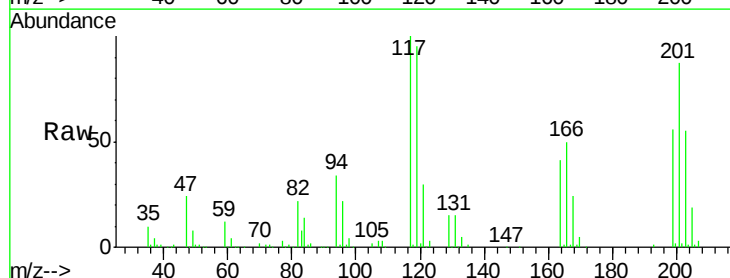
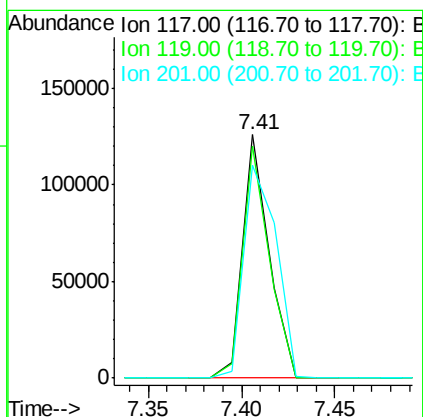
Manual Integrations
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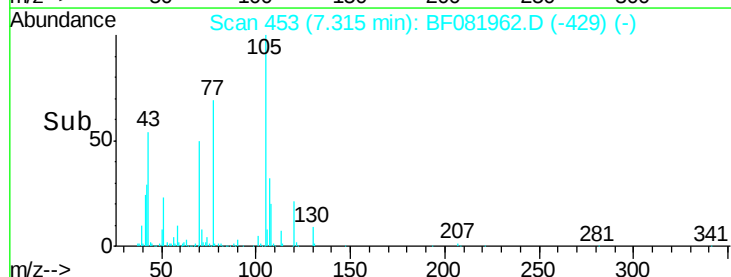
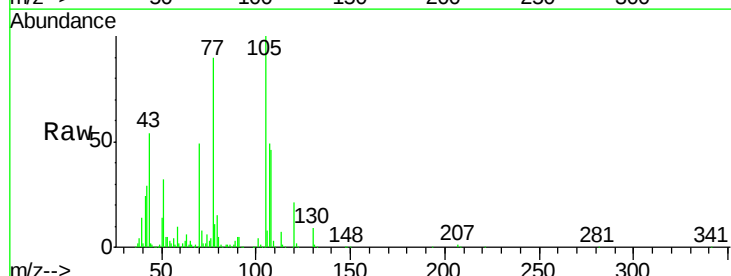
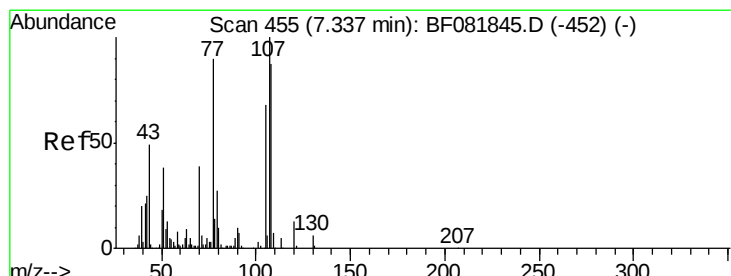
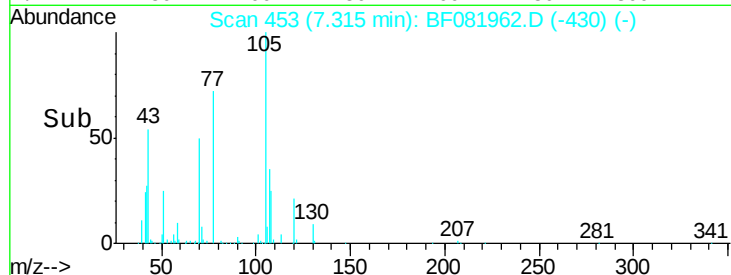
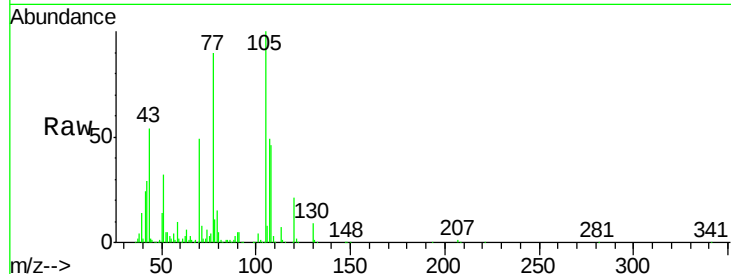
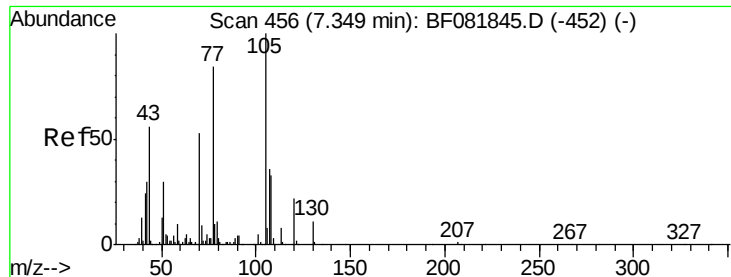
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#18
Hexachloroethane
Concen: 45.89 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion:	117	Resp:	124120
Ion Ratio	Lower	Upper	
117	100		
119	95.3	83.8	125.6
201	87.4	55.1	82.7#





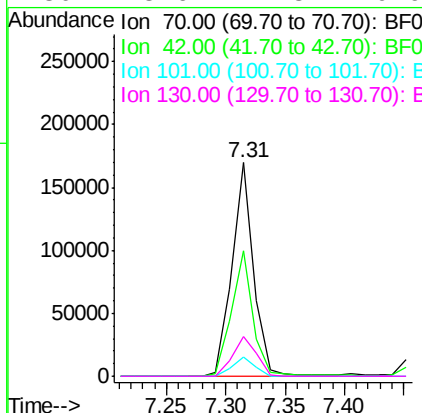
#19
n-Nitroso-di-n-propylamine
Concen: 44.05 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	58.8	63.8	95.6#
101	9.1	9.2	13.8#
130	18.6	27.3	40.9#

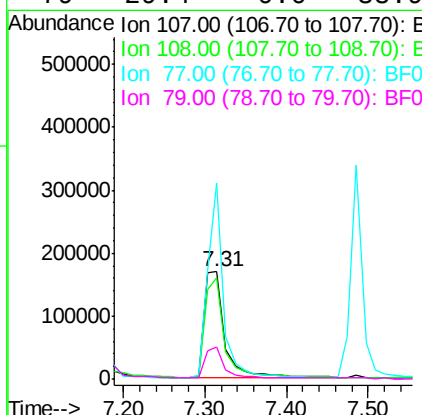
Manual Integrations
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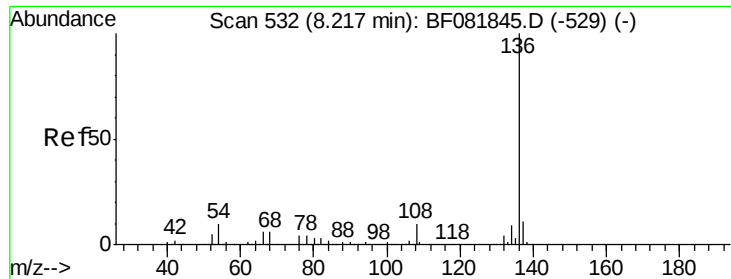
MMDadoda
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#20
3+4-Methylphenols
Concen: 42.39 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	93.9	74.6	114.6
77	181.9	0.7	40.7#
79	29.4	0.0	38.9





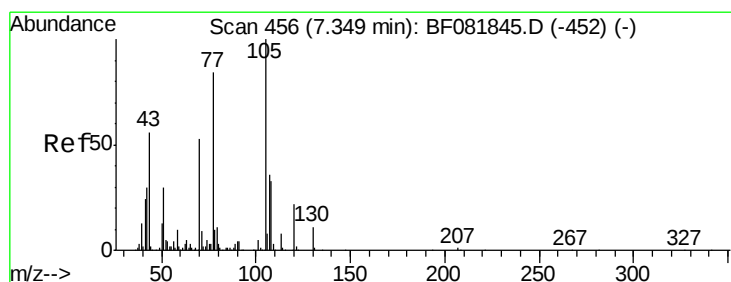
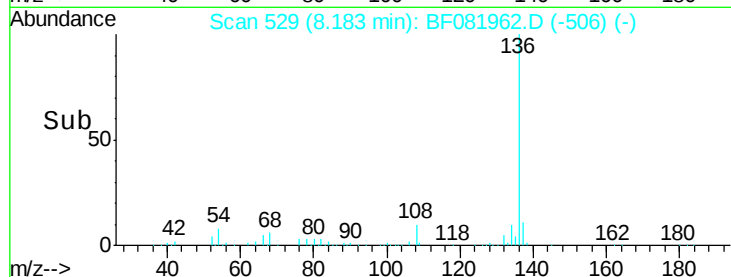
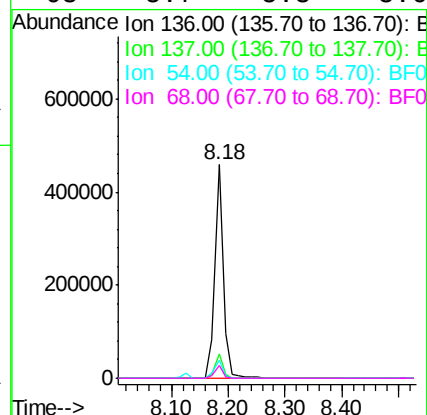
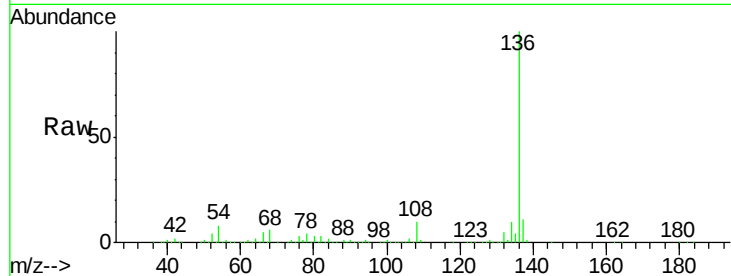
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	457063		
137	11.2	9.0	13.6	
54	8.3	8.2	12.2	
68	5.7	5.8	8.6#	

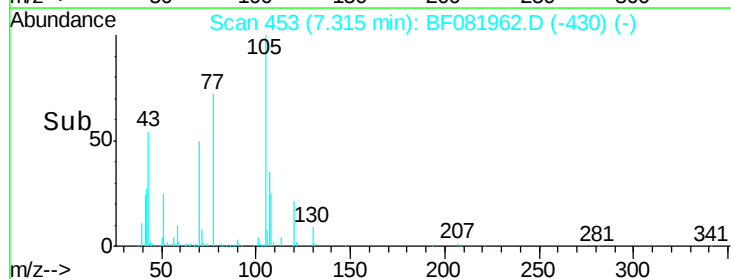
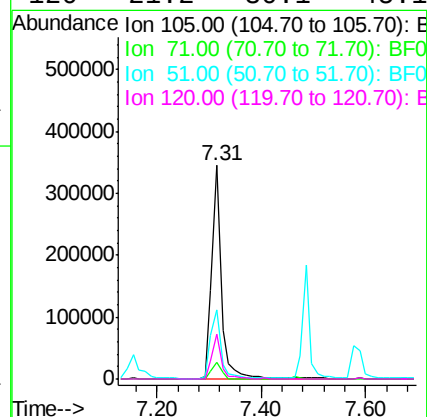
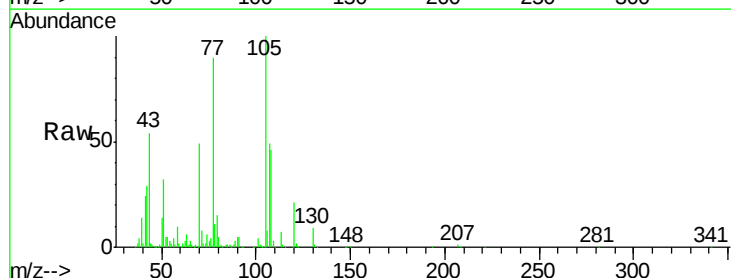
Manual Integrations
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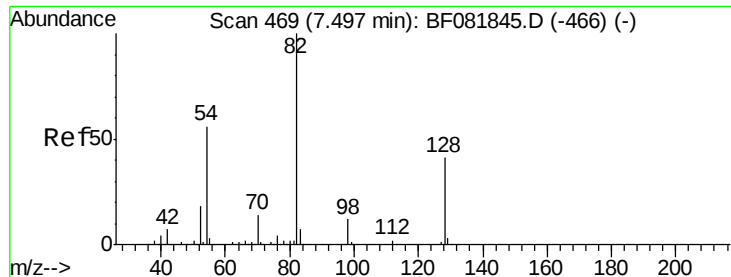
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#22
Acetophenone
Concen: 47.89 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	447506		
71	8.0	4.7	7.1#	
51	32.4	22.0	33.0	
120	21.2	30.1	45.1#	





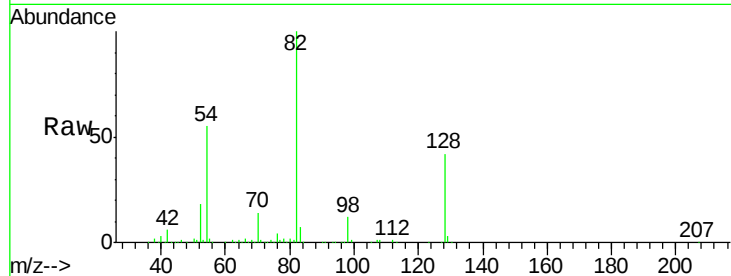
#23
 Nitrobenzene-d5
 Concen: 98.87 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

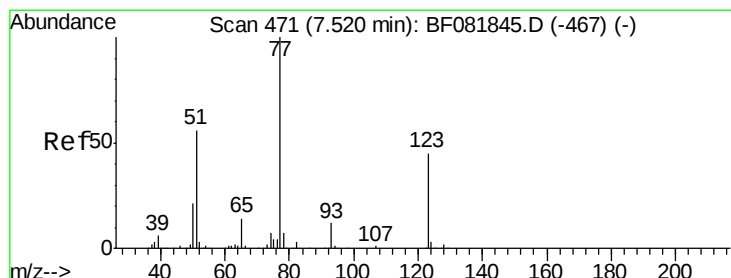
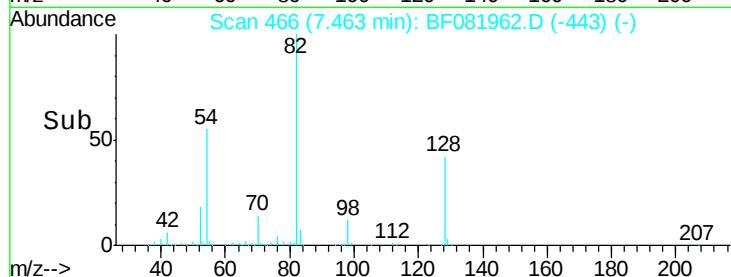
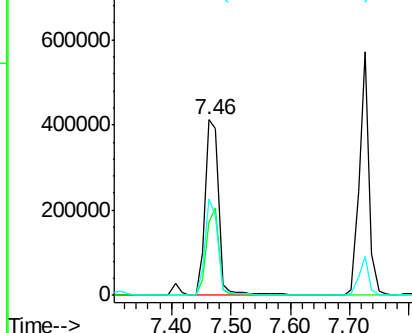
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	51.0	76.6#
54	55.0	47.5	71.3

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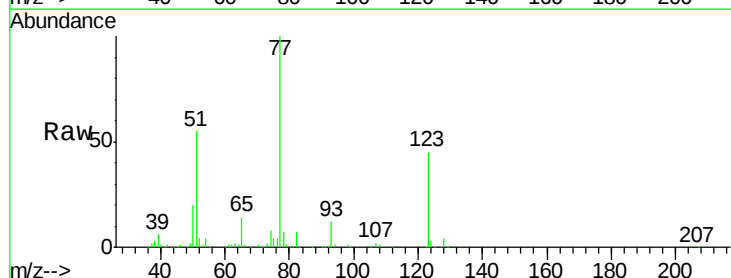


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

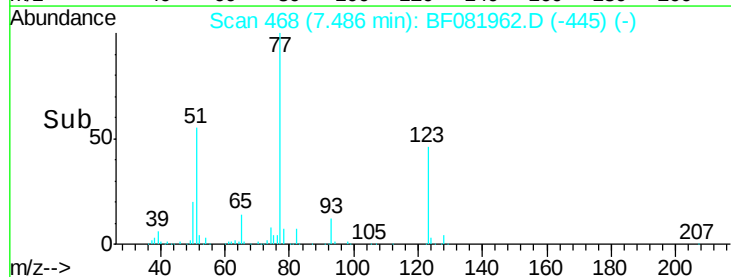
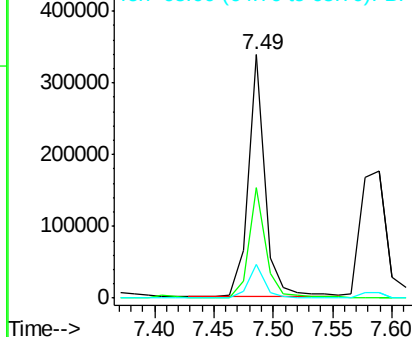


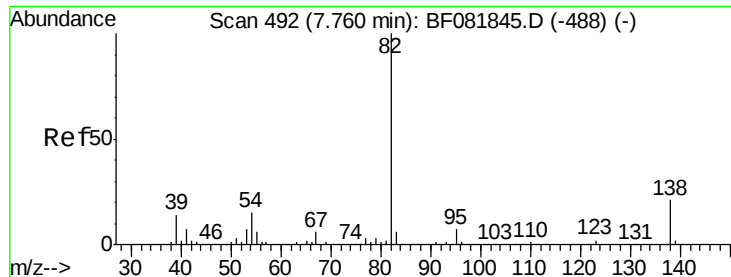
#24
 Nitrobenzene
 Concen: 44.29 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	59.8	89.8#
65	14.1	10.2	15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.22 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

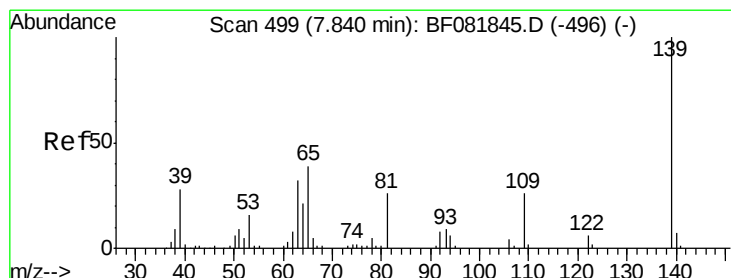
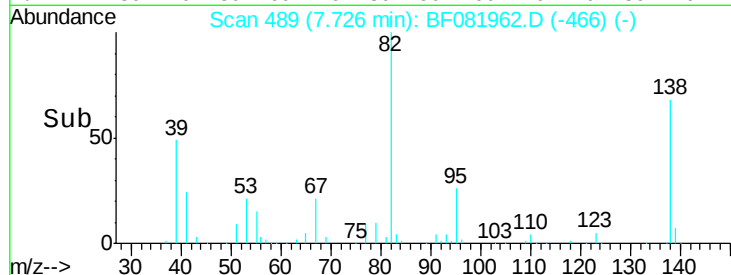
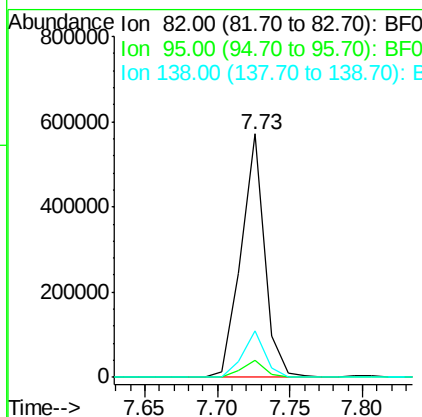
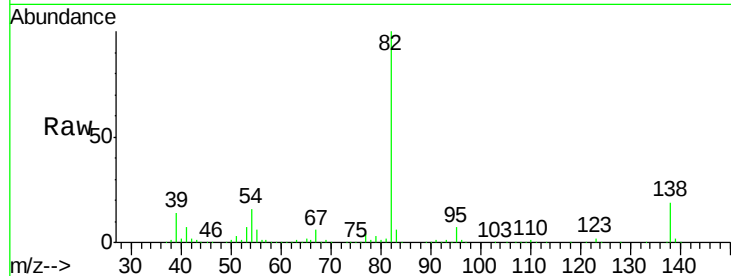
ClientSampleId :

A1-COMPMSD

Tgt Ion:	82	Resp:	641719
Ion Ratio		Lower	Upper
82	100		
95	7.2	4.0	6.0#
138	19.1	18.3	27.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.46 ng

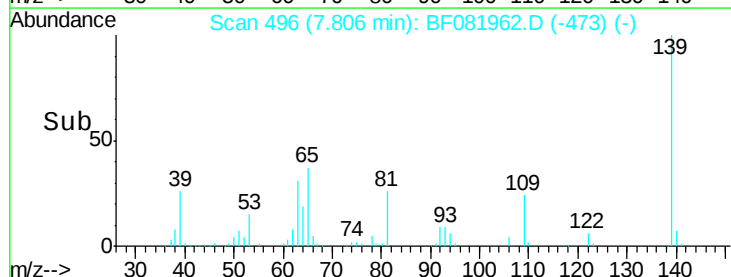
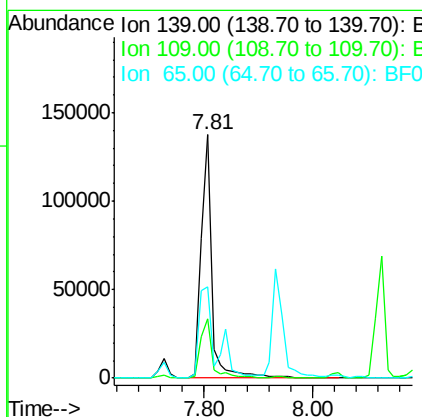
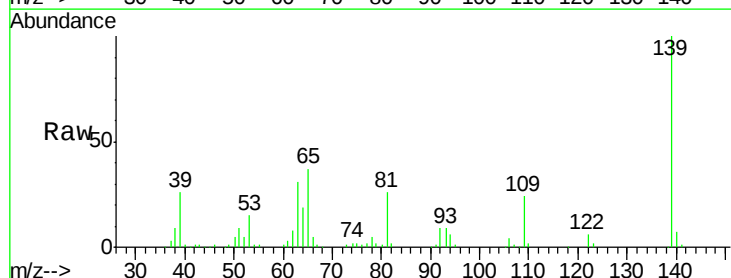
RT: 7.81 min Scan# 496

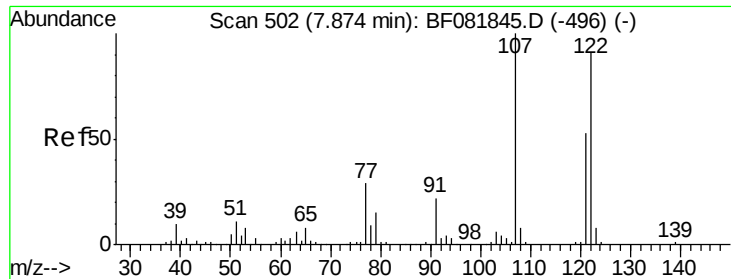
Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Tgt Ion:	139	Resp:	183927
Ion Ratio		Lower	Upper
139	100		
109	24.4	11.0	16.4#
65	37.4	24.7	37.1#





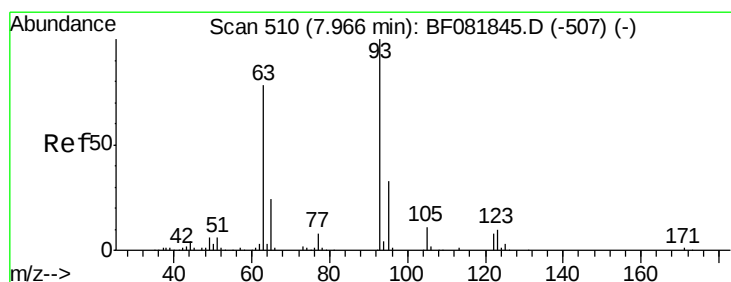
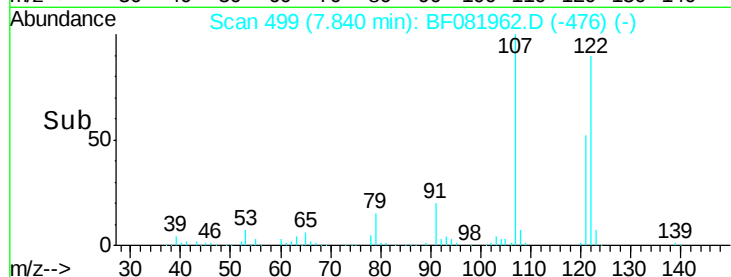
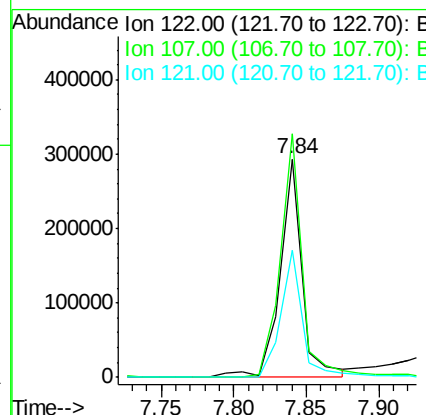
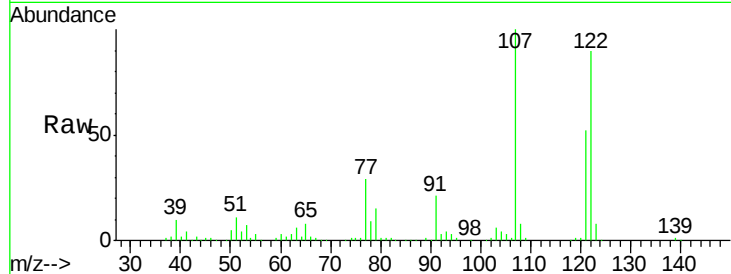
#27
 2,4-Dimethylphenol
 Concen: 49.08 ng
 RT: 7.84 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	308586		
107	111.5	71.8	107.6#	
121	58.1	42.3	63.5	

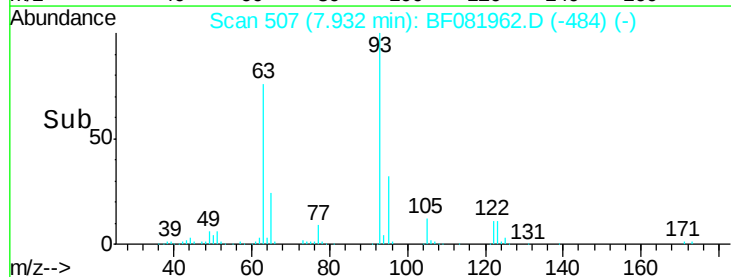
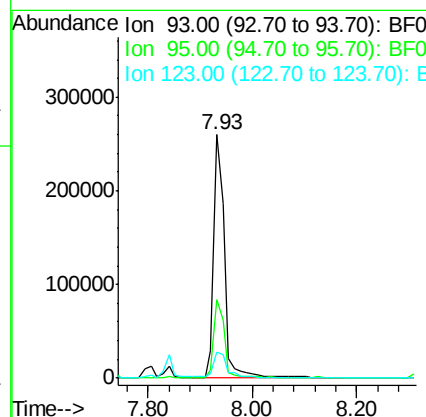
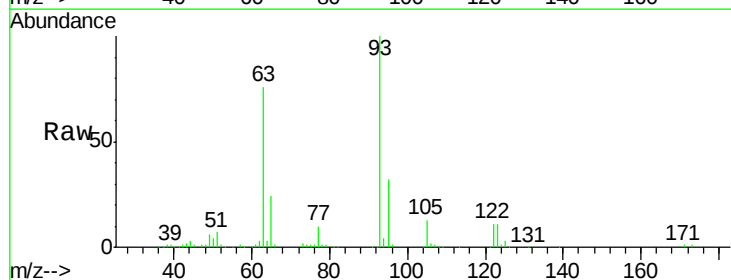
Manual Integrations
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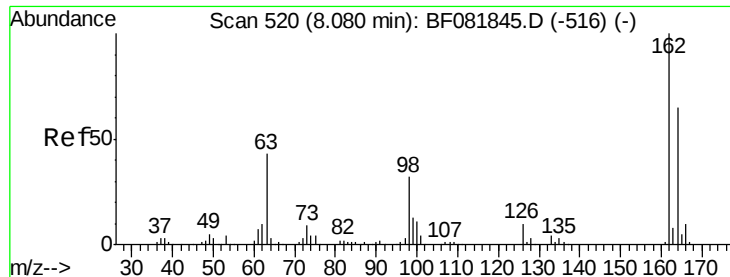
MMDadoda
 10/2/2015 6:04:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.74 ng
 RT: 7.93 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	369169		
95	32.1	27.5	41.3	
123	10.9	13.7	20.5#	





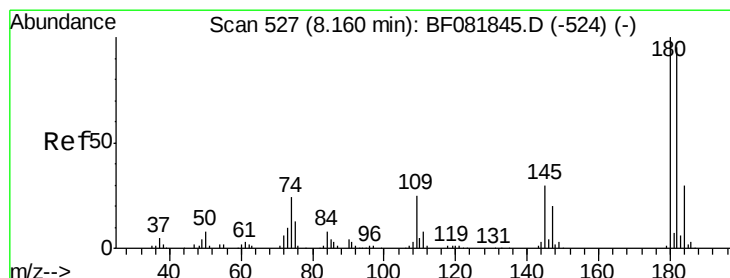
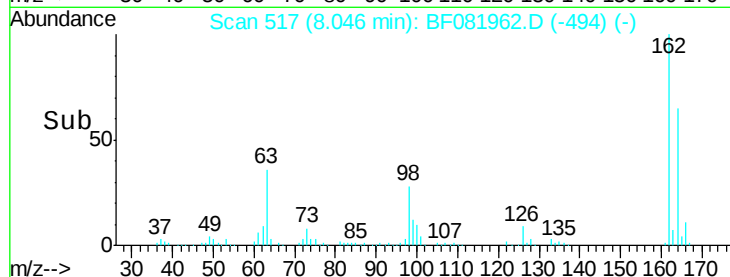
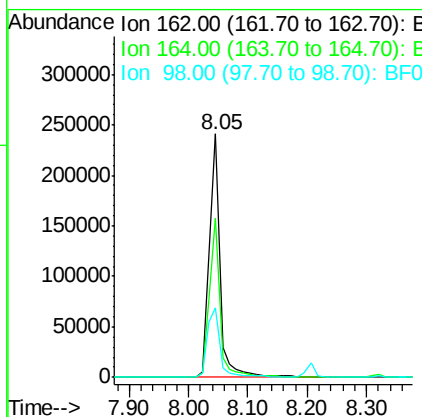
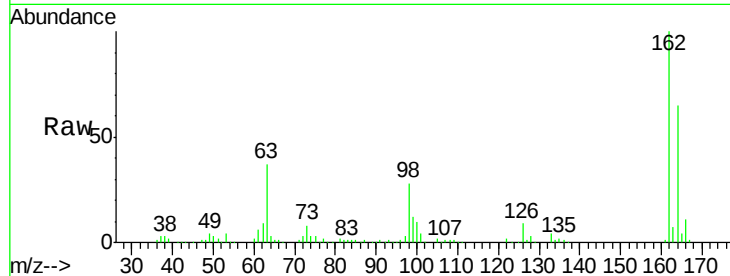
#29
 2,4-Dichlorophenol
 Concen: 50.35 ng
 RT: 8.05 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.4	44.9	84.9
98	28.3	13.0	53.0

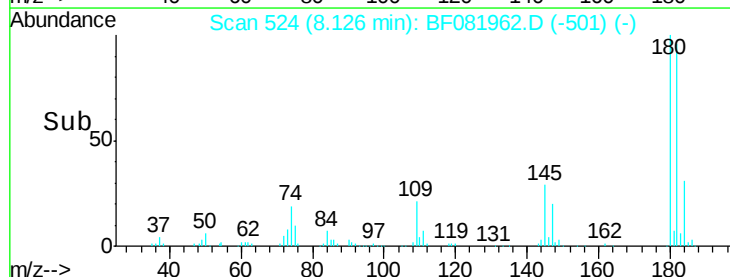
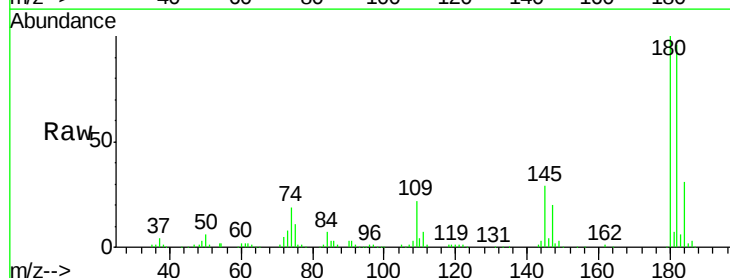
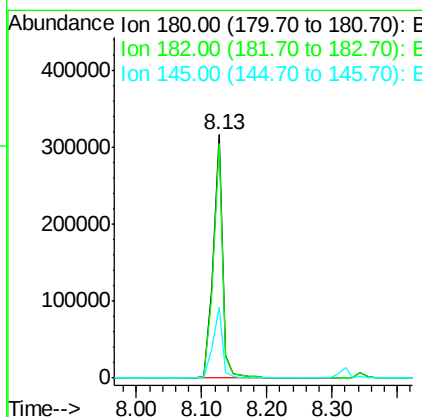
Manual Integrations
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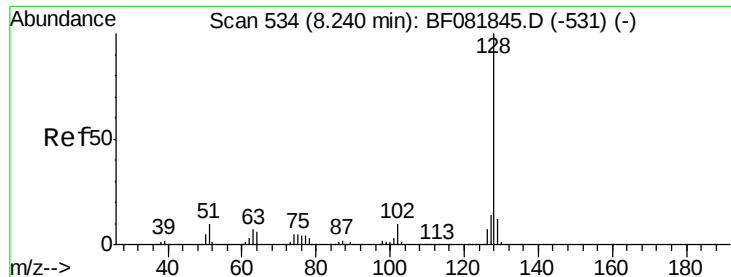
MMDadoda
 10/2/2015 6:04:57 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.28 ng
 RT: 8.13 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.5	77.1	115.7
145	29.0	23.3	34.9





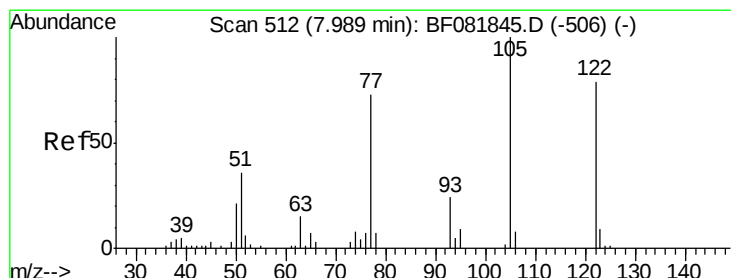
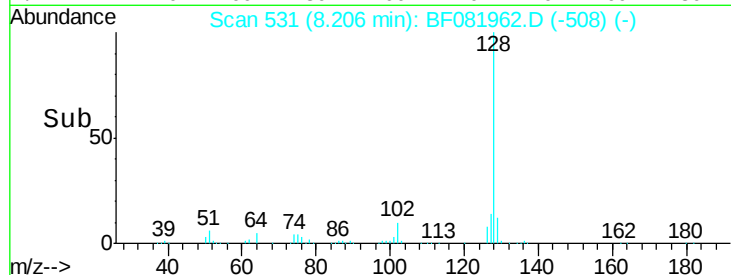
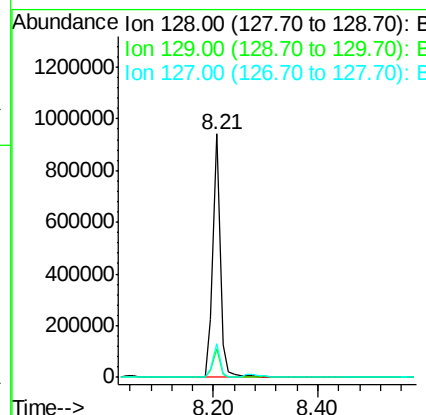
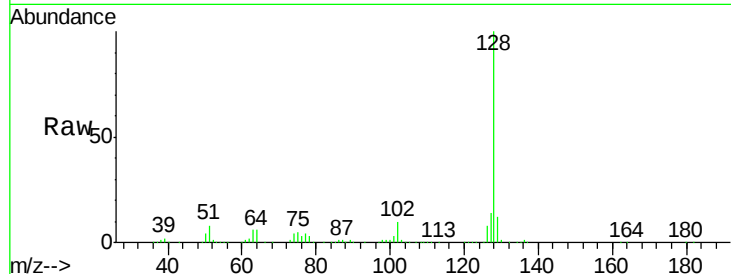
#31
Naphthalene
Concen: 46.43 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	940331		
129	11.6	8.4	12.6	
127	13.7	9.9	14.9	

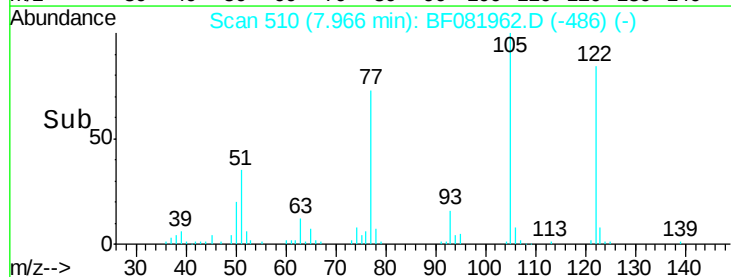
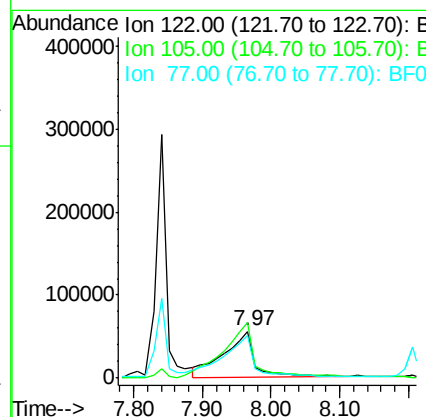
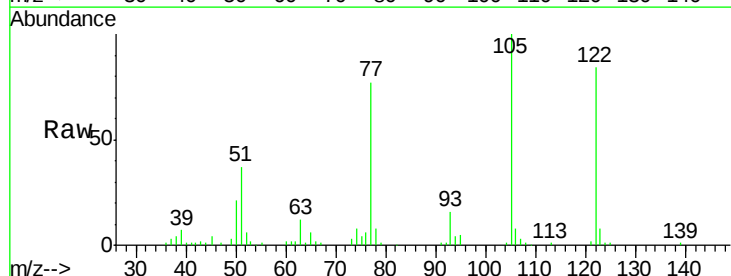
Manual Integrations
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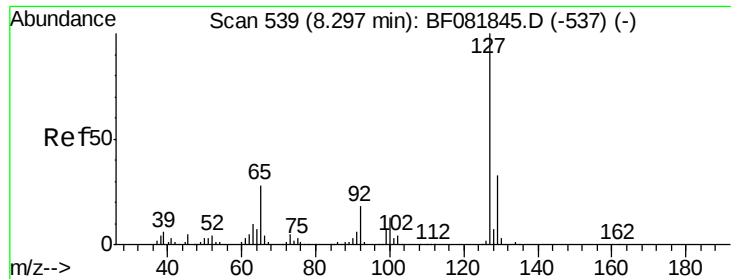
MMDadoda
10/2/2015 6:04:57 PM



#32
Benzoic acid
Concen: 46.66 ng
RT: 7.97 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

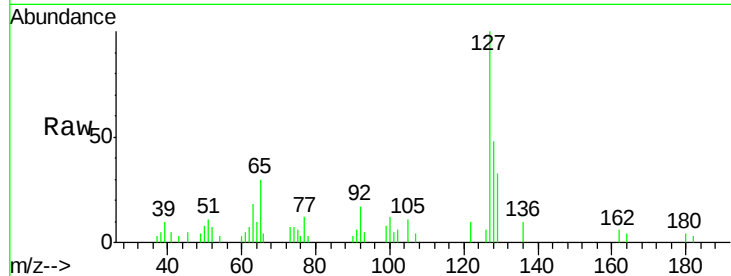
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	174578		
105	119.5	76.1	116.1#	
77	92.3	40.5	80.5#	





#33
4-Chloroaniline
Concen: 4.07 ng
RT: 8.27 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

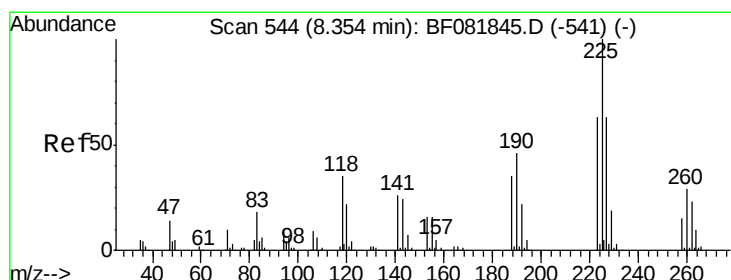
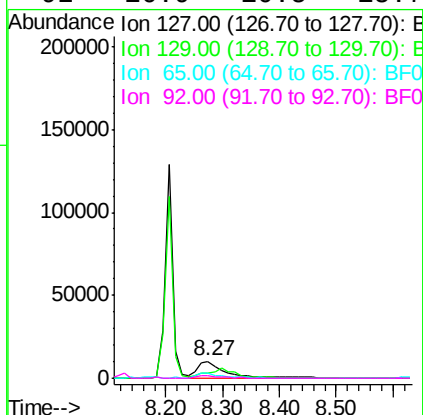
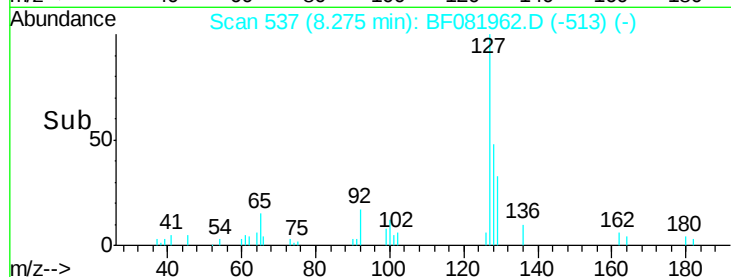
Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	35611		
129	33.0	25.8	38.6	
65	29.9	17.9	26.9	
92	16.9	10.5	15.7	

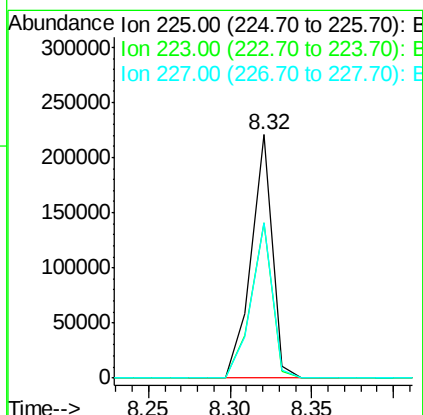
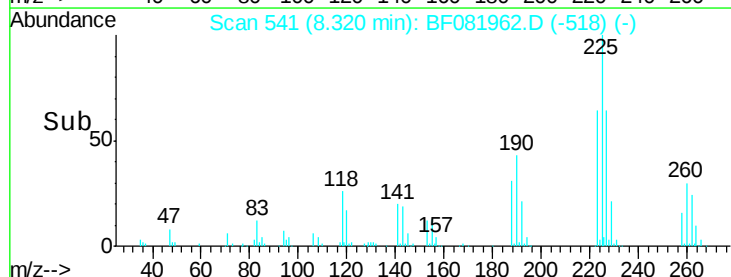
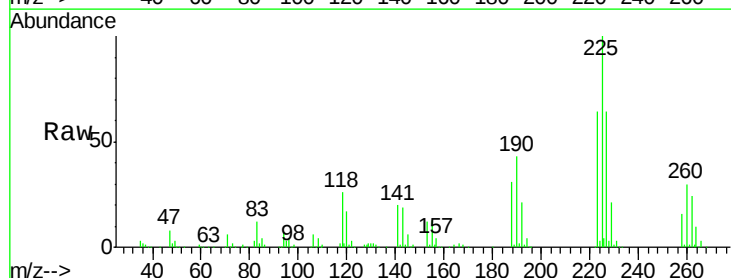
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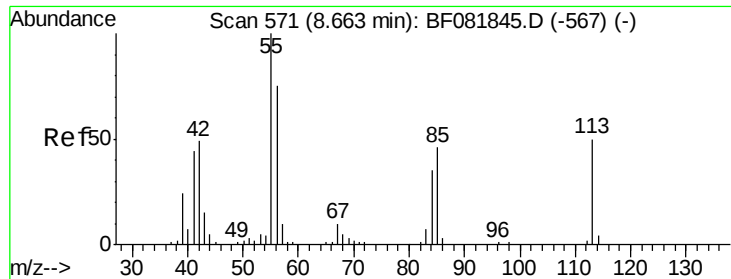
MMDadoda
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#34
Hexachlorobutadiene
Concen: 49.58 ng
RT: 8.32 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	199549		
223	63.7	50.2	75.2	
227	63.8	52.2	78.2	





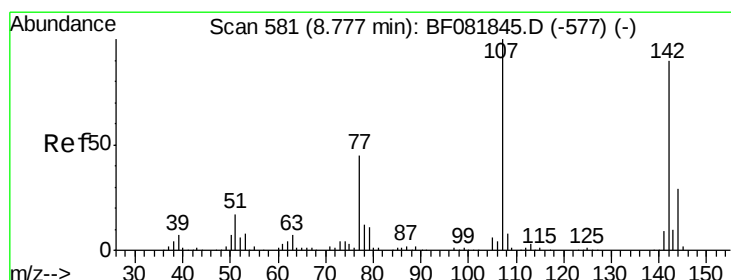
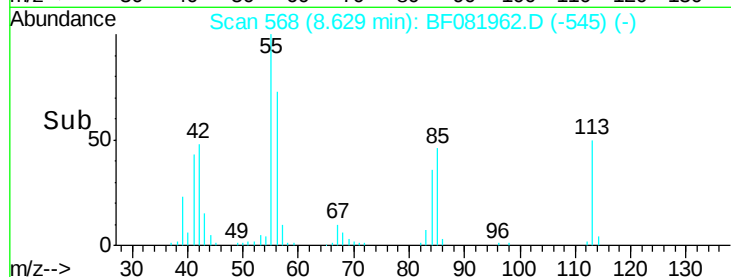
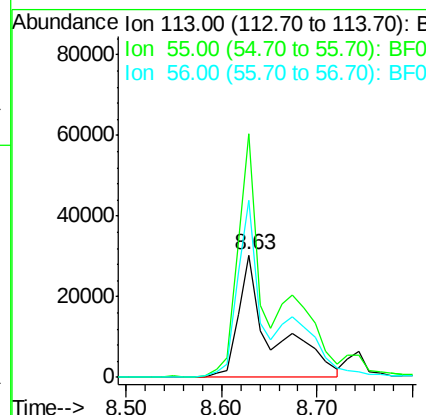
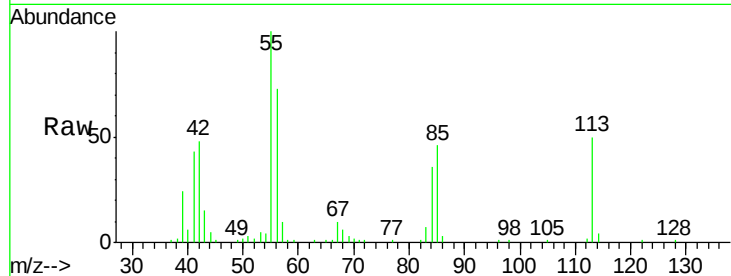
#35
 Caprolactam
 Concen: 44.21 ng m
 RT: 8.63 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion:113 Resp: 74606
 Ion Ratio Lower Upper
 113 100
 55 199.1 152.4 192.4#
 56 144.7 104.6 144.6#

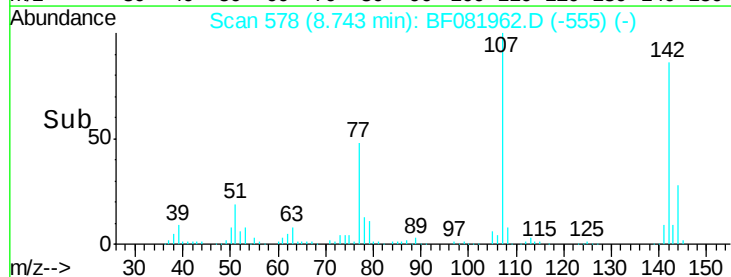
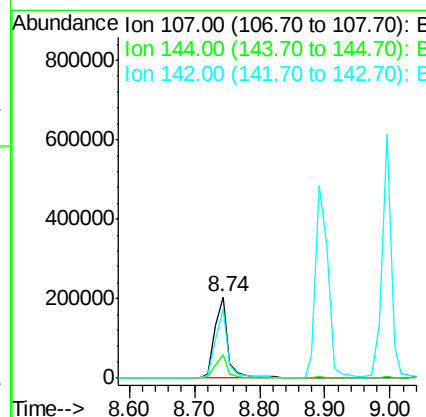
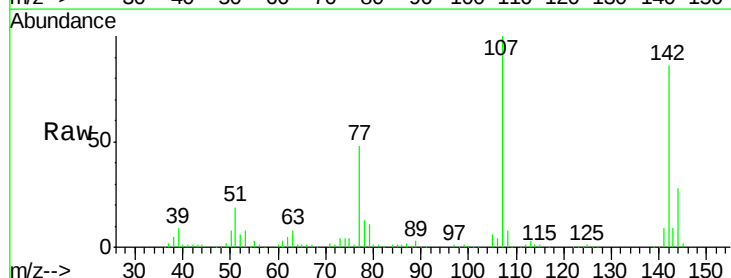
Manual Integrations
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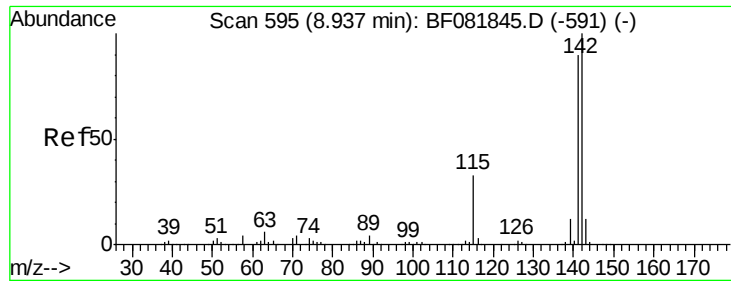
MMDadoda
 10/2/2015 6:04:57 PM



#36
 4-Chloro-3-methylphenol
 Concen: 50.43 ng
 RT: 8.74 min Scan# 578
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

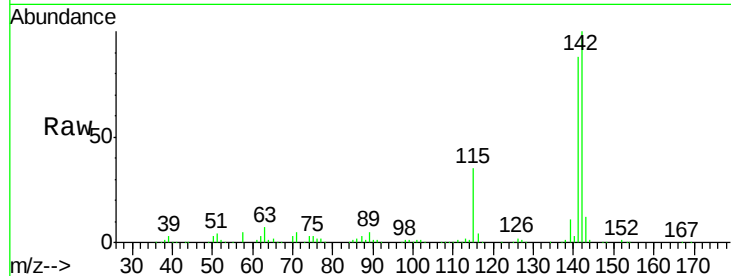
Tgt Ion:107 Resp: 300623
 Ion Ratio Lower Upper
 107 100
 144 28.2 25.4 38.0
 142 85.7 77.3 115.9





#37
2-Methylnaphthalene
Concen: 45.93 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

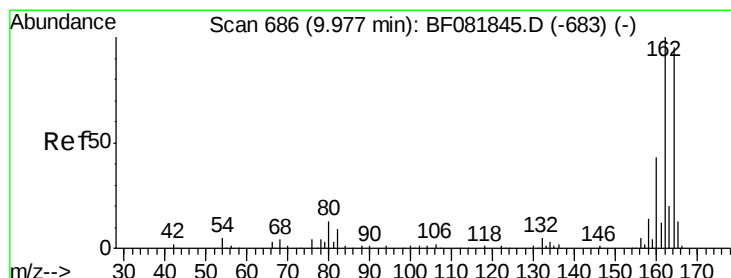
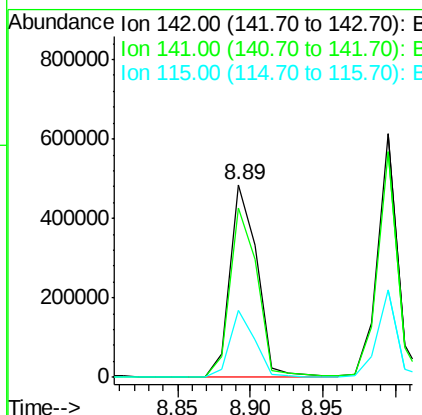
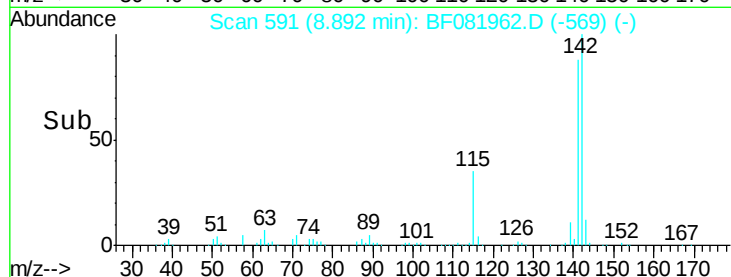
Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD



Tgt Ion:142 Resp: 635025
Ion Ratio Lower Upper
142 100
141 88.2 67.5 101.3
115 34.9 18.2 27.2#

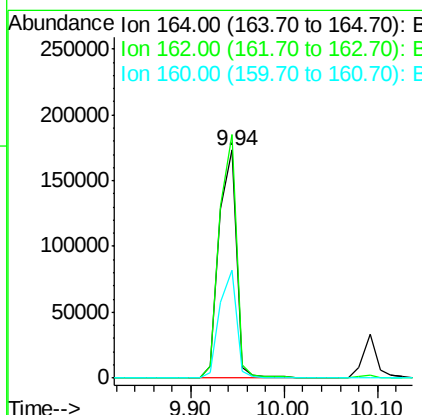
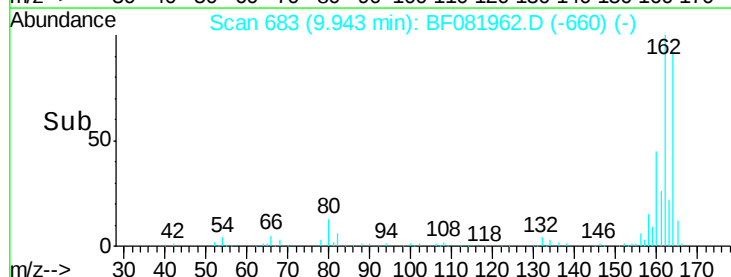
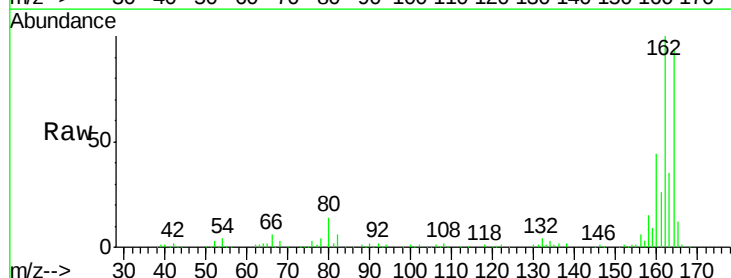
Manual Integrations
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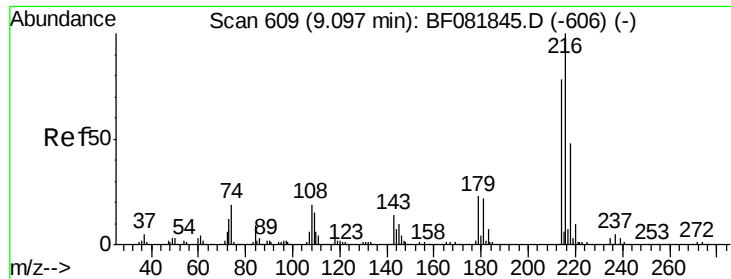
MMDadoda
10/2/2015 6:04:57 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion:164 Resp: 224077
Ion Ratio Lower Upper
164 100
162 106.8 75.2 112.8
160 47.5 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.41 ng

RT: 9.06 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF081962.D

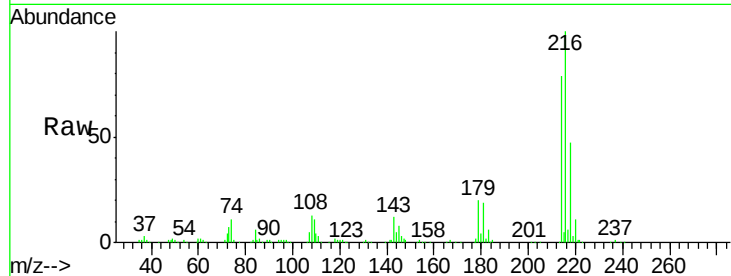
Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

A1-COMPMSD



Tgt Ion:216 Resp: 333049

Ion Ratio Lower Upper

216 100

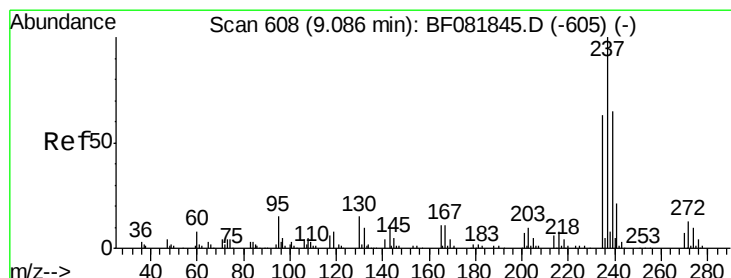
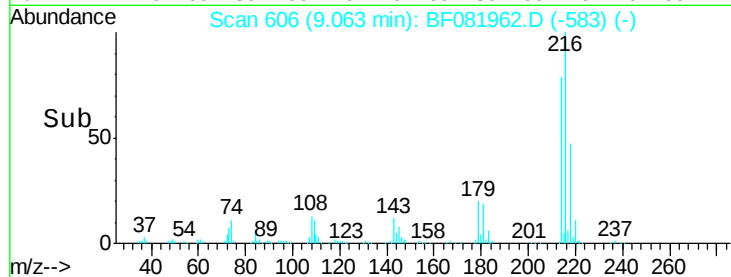
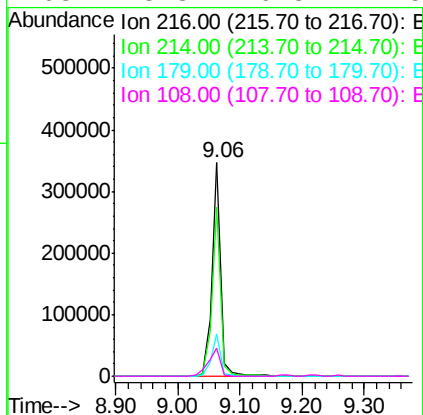
214 79.2 63.5 95.3

179 20.8 16.6 24.8

108 18.3 16.3 24.5

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 104.99 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

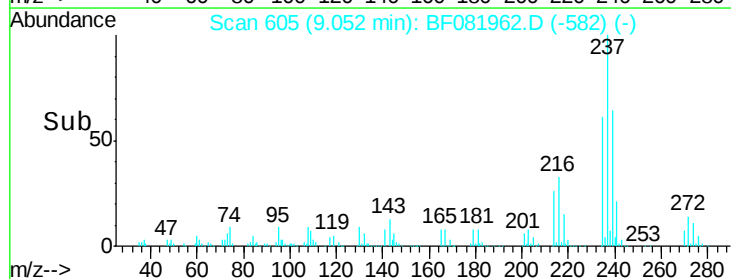
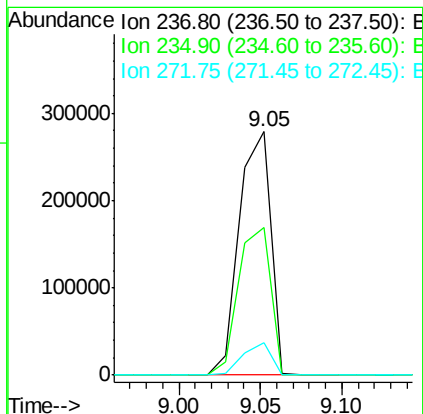
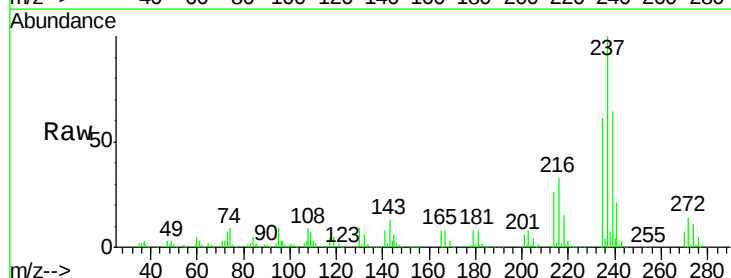
Tgt Ion:237 Resp: 371939

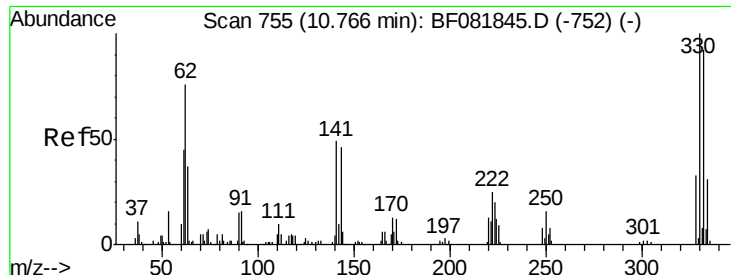
Ion Ratio Lower Upper

237 100

235 60.8 42.0 82.0

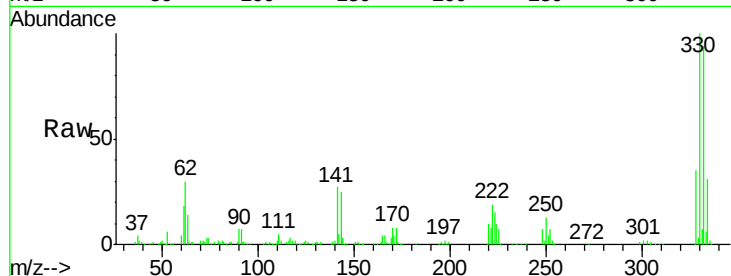
272 13.6 0.0 36.1





#41
 2,4,6-Tribromophenol
 Concen: 138.91 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

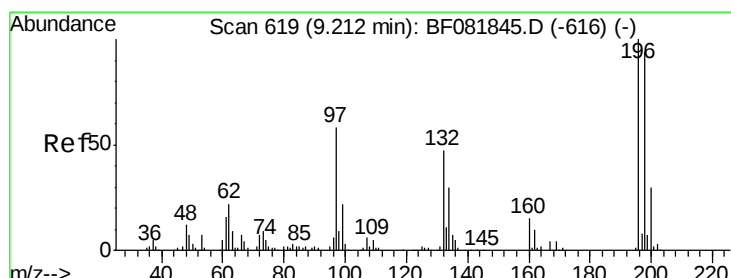
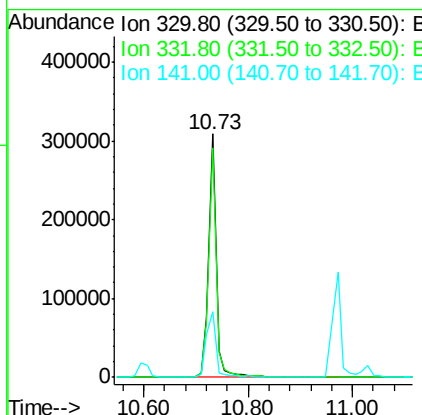
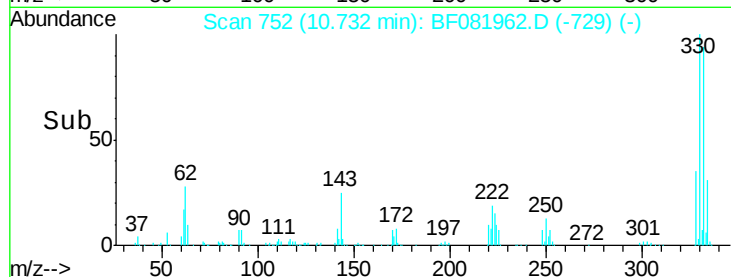
Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	315233		
332	95.0	76.6	114.8	
141	34.0	29.7	44.5	

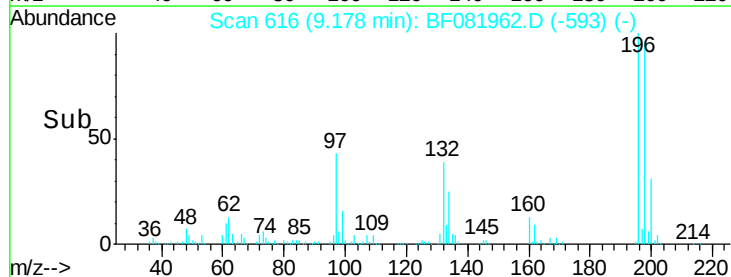
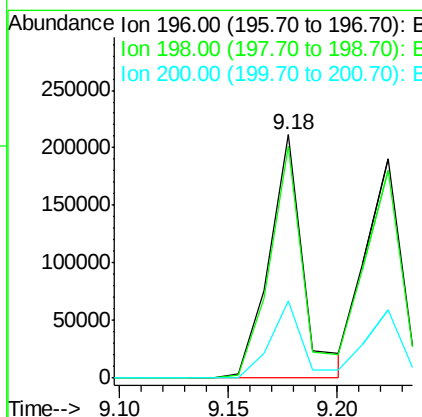
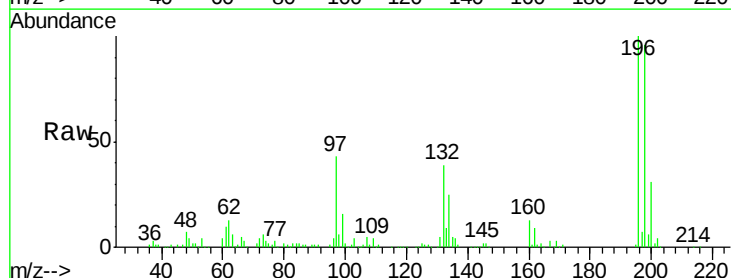
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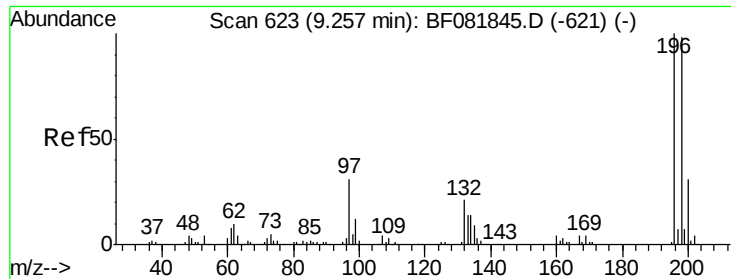
MMDadoda
 10/2/2015 6:04:57 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.84 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230341		
198	95.5	75.7	113.5	
200	31.5	23.9	35.9	





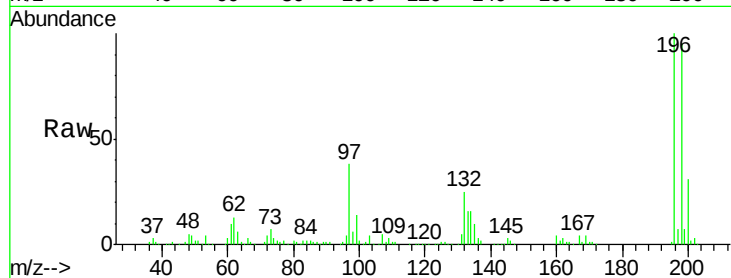
#43
 2,4,5-Trichlorophenol
 Concen: 49.60 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

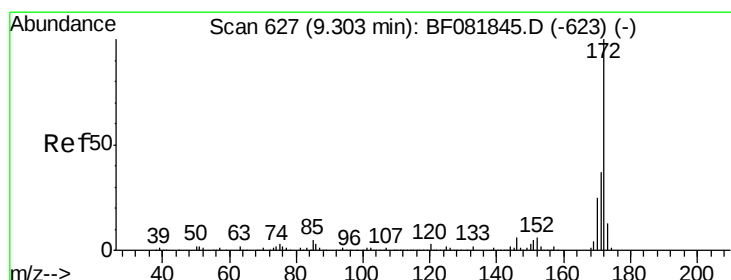
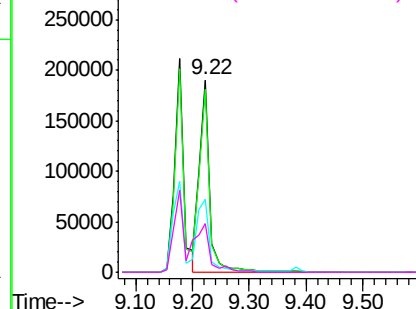
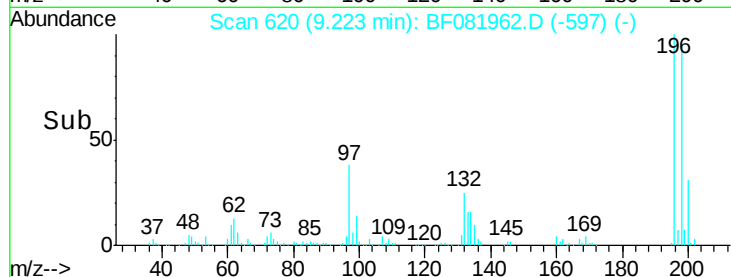
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240569		
198	95.1	75.4	113.0	
97	37.9	33.3	49.9	
132	25.1	24.6	37.0	

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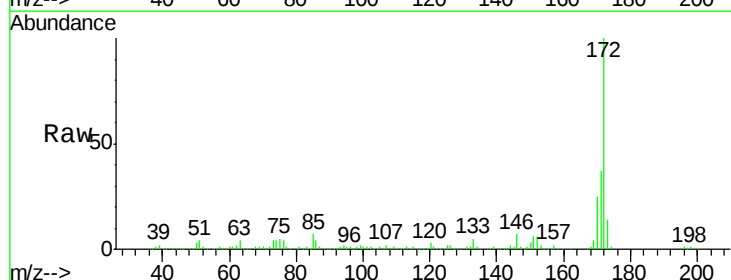


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

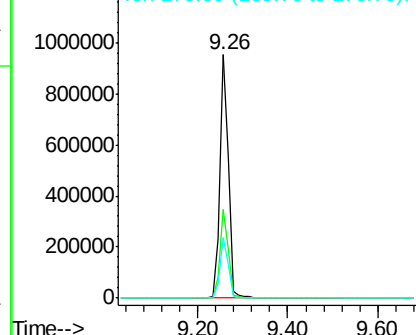
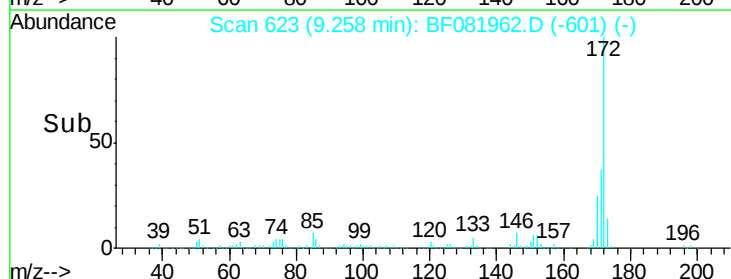


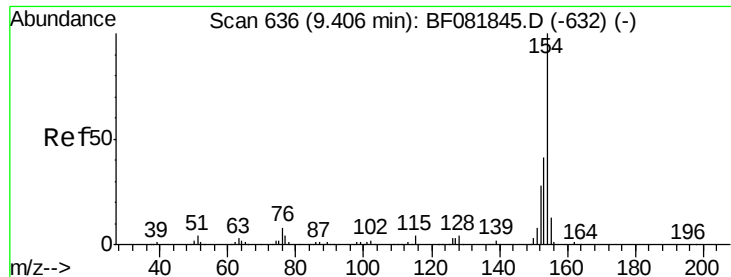
#44
 2-Fluorobiphenyl
 Concen: 95.31 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1246389		
171	36.7	26.1	39.1	
170	24.8	17.4	26.2	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





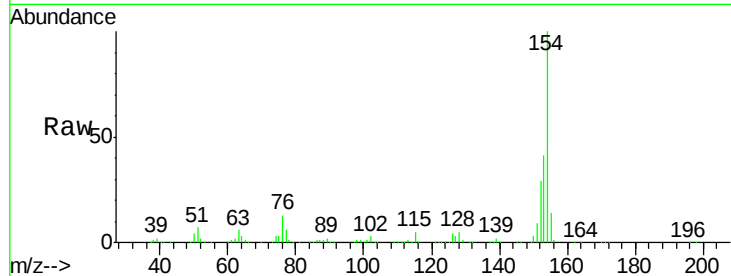
#45
1,1'-Biphenyl
Concen: 45.48 ng
RT: 9.36 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

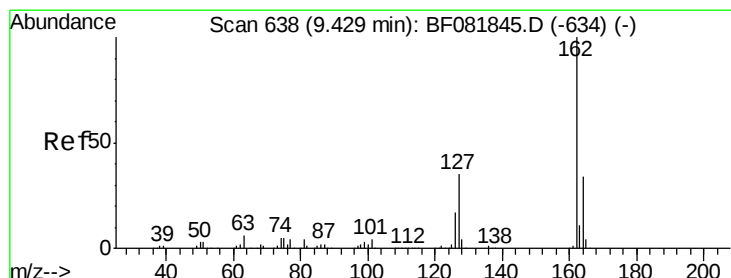
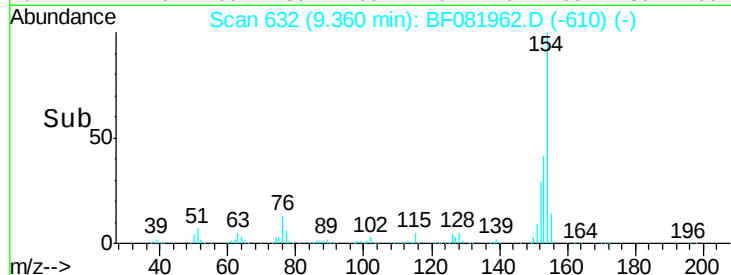
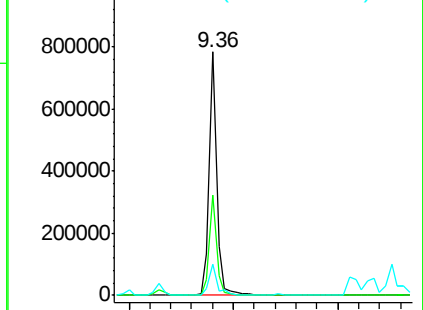
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	17.1	57.1	
76	12.8	0.0	31.6	

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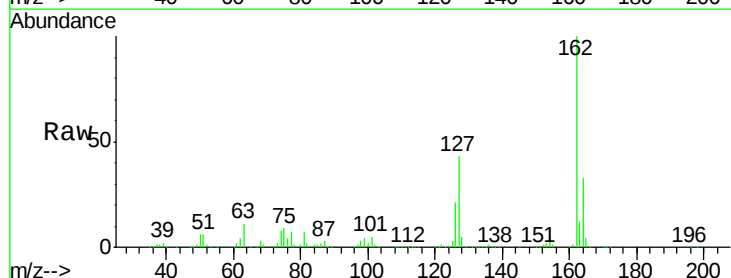


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

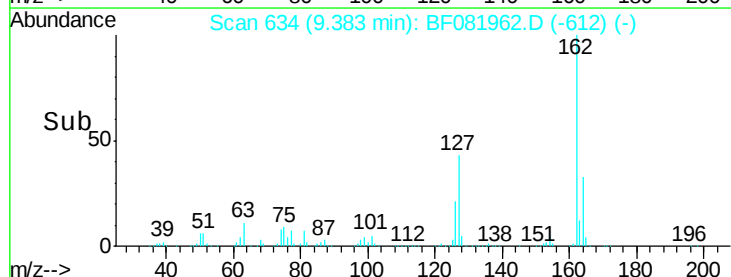
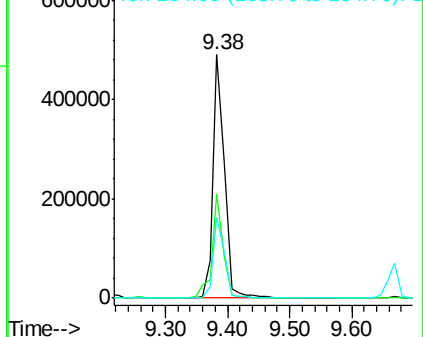


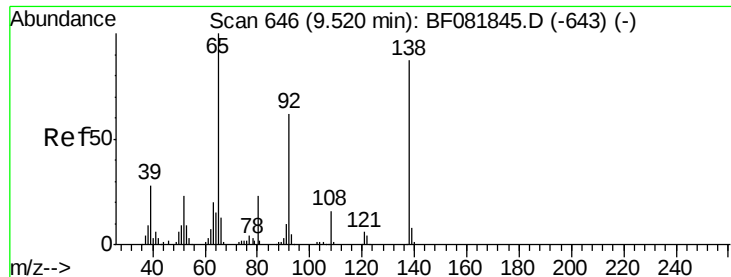
#46
2-Chloronaphthalene
Concen: 45.31 ng
RT: 9.38 min Scan# 634
Delta R.T. -0.05 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.8	27.6	41.4#	
164	33.3	25.4	38.2	



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





#47

2-Nitroaniline

Concen: 46.48 ng

RT: 9.49 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

A1-COMPMSD

Tgt Ion: 65 Resp: 185220
Ion Ratio Lower Upper

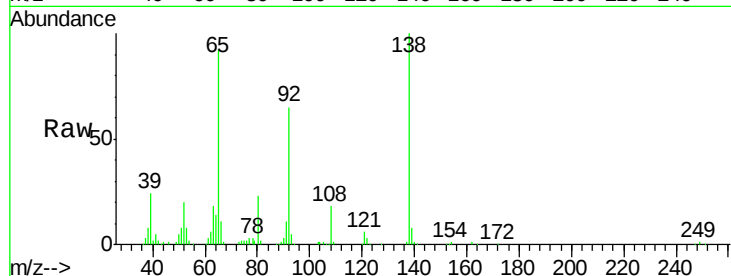
65 100

92 70.2 55.4 83.0

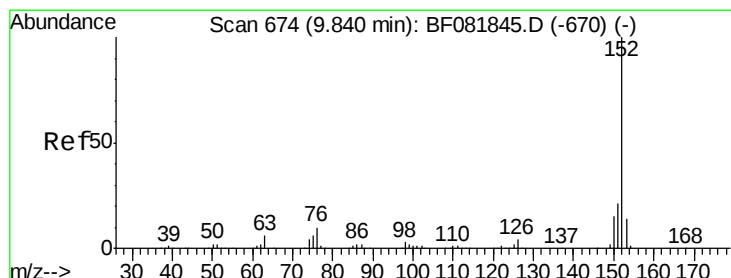
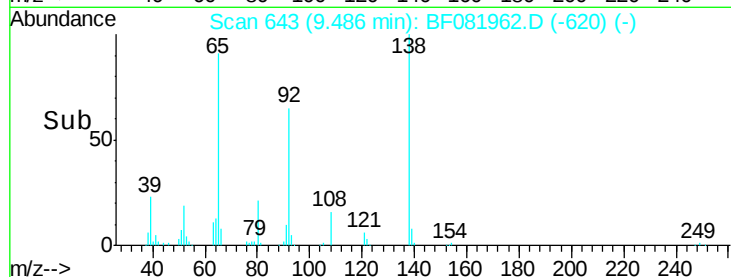
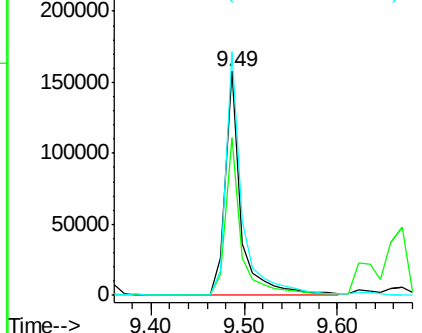
138 108.7 115.5 173.3#

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 47.60 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF081962.D

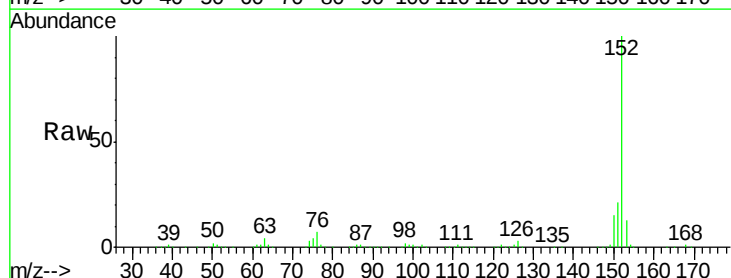
Acq: 2 Oct 2015 2:45

Tgt Ion: 152 Resp: 1034150
Ion Ratio Lower Upper

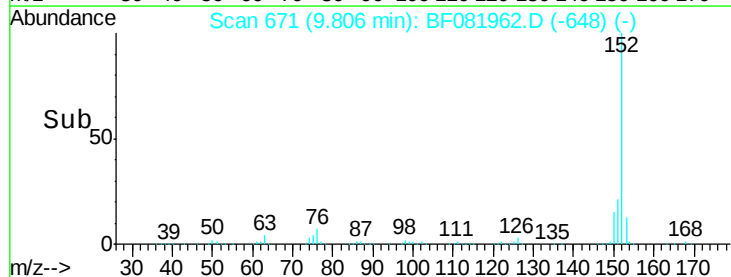
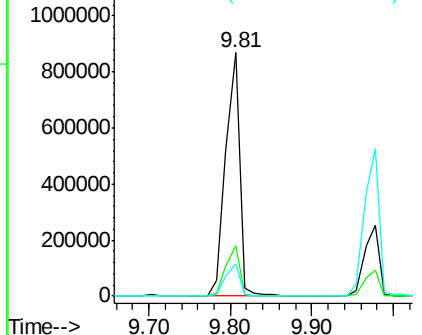
152 100

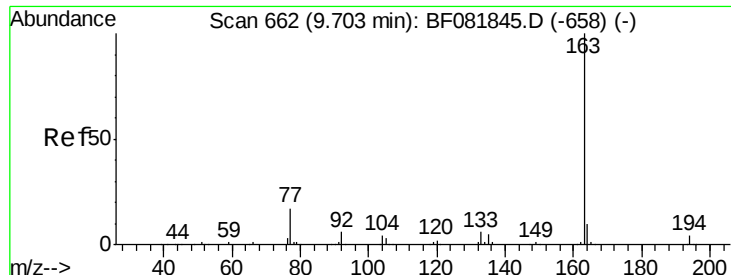
151 20.6 14.6 22.0

153 13.4 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





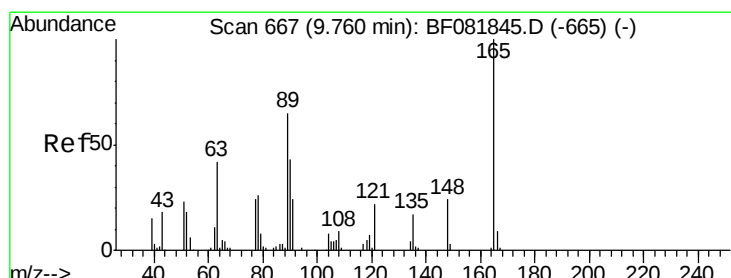
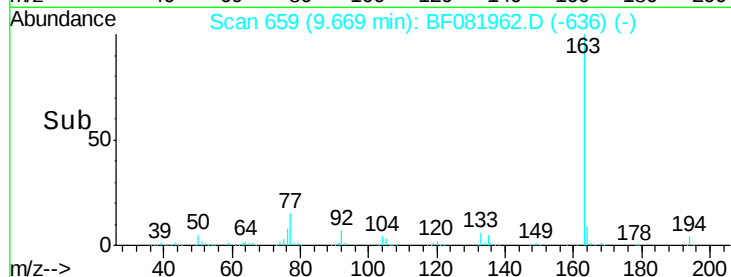
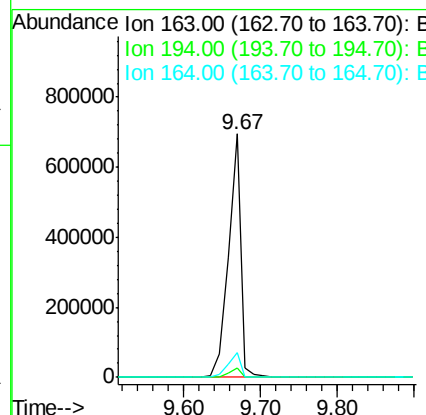
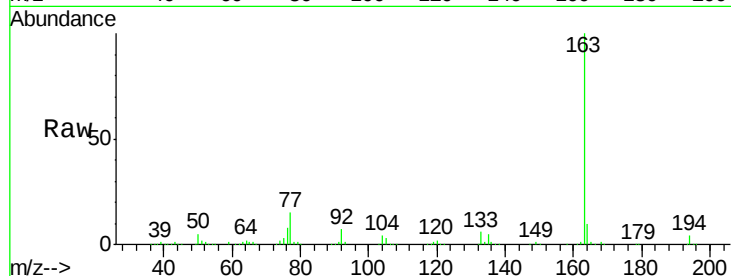
#49
Dimethylphthalate
Concen: 51.29 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	4.4	6.6#
164	10.2	8.3	12.5

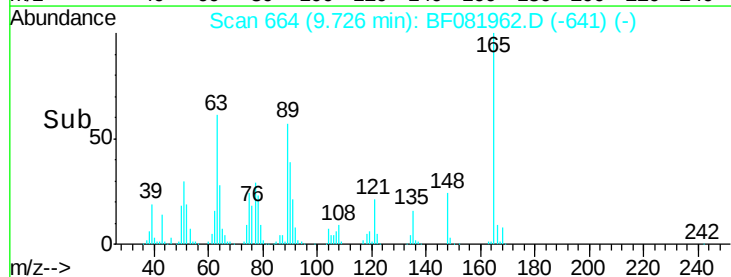
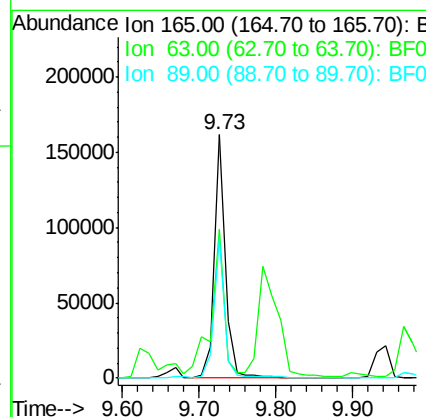
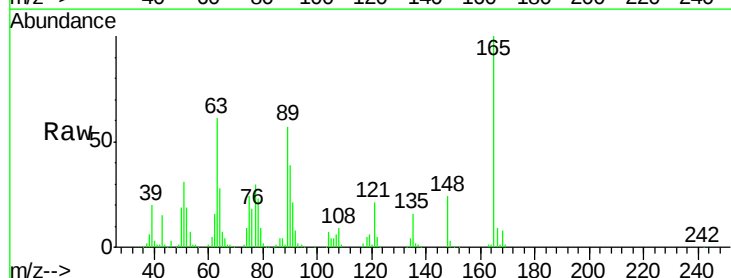
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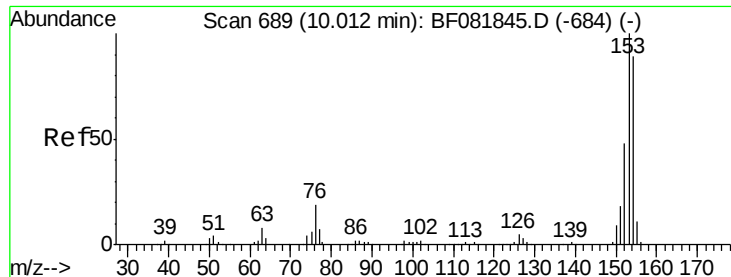
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 48.00 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	61.1	32.3	48.5#
89	57.3	28.6	43.0#





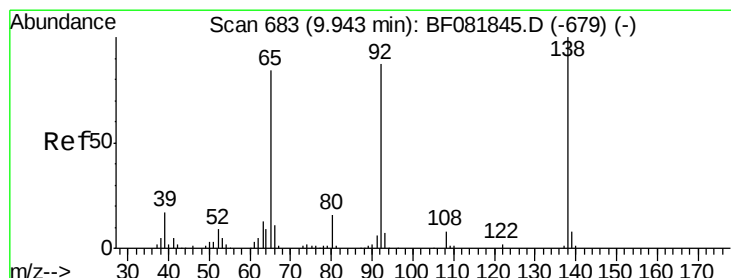
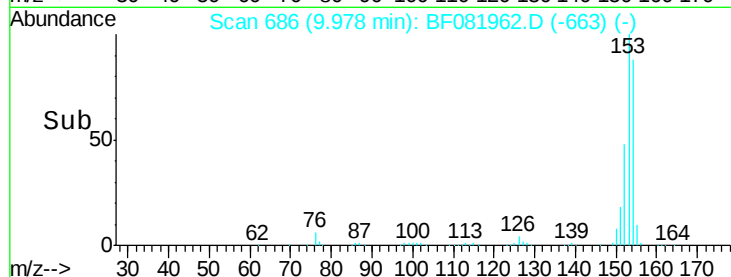
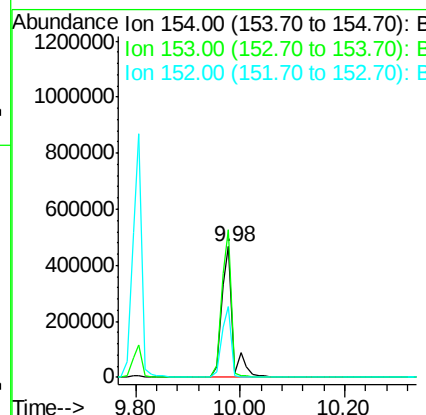
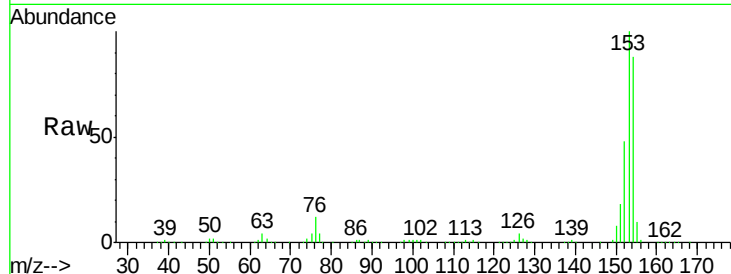
#51
Acenaphthene
Concen: 54.20 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	699258		
153	113.4	82.1	123.1	
152	54.4	37.9	56.9	

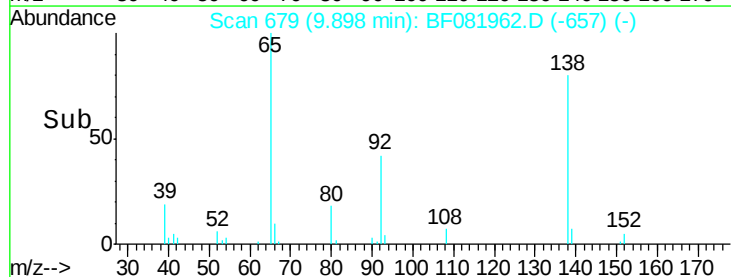
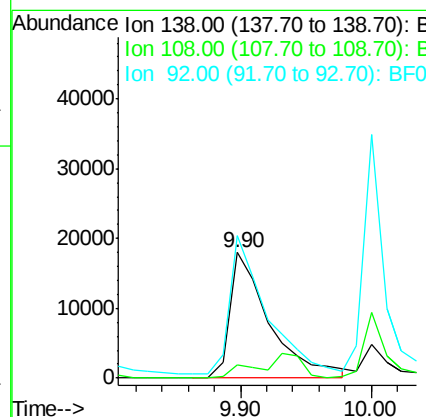
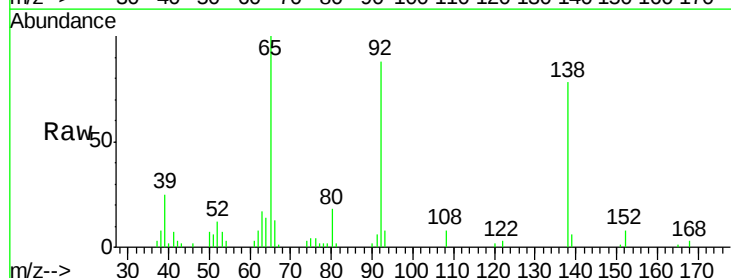
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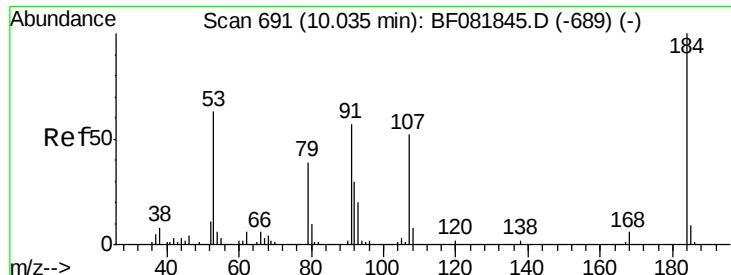
MMDadoda
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#52
3-Nitroaniline
Concen: 9.85 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	38273		
108	10.3	5.7	8.5#	
92	112.9	67.7	101.5#	





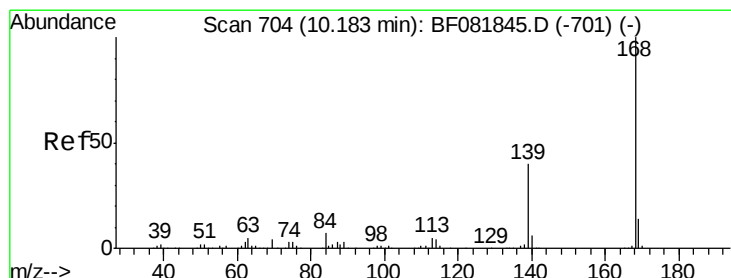
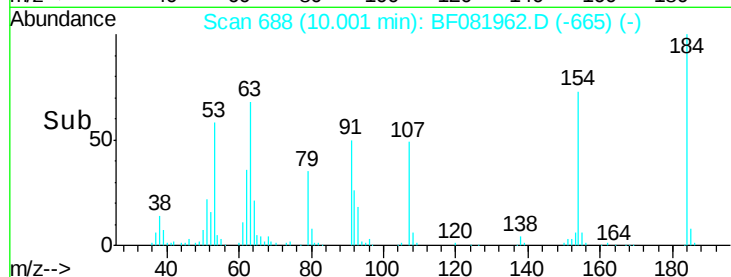
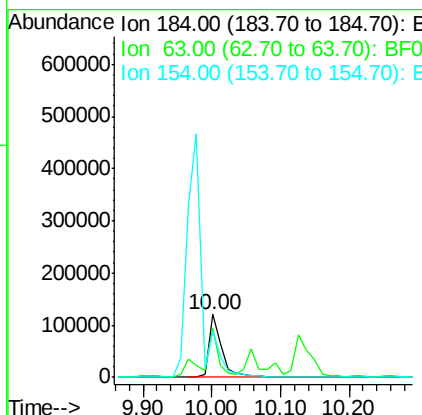
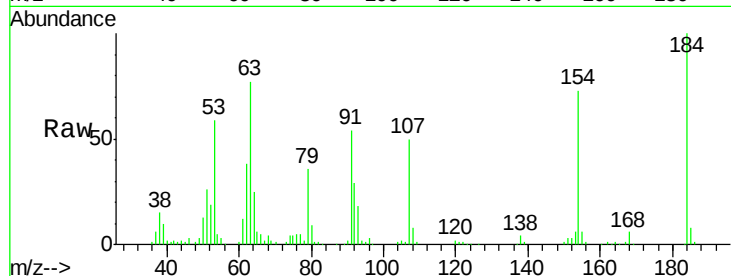
#53
2,4-Dinitrophenol
Concen: 90.57 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	161911		
63	77.4	35.4	53.2#	
154	73.2	32.2	48.4#	

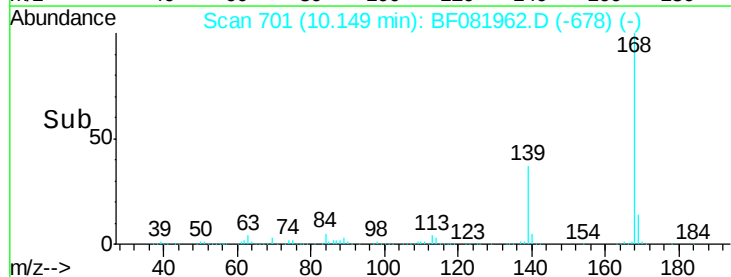
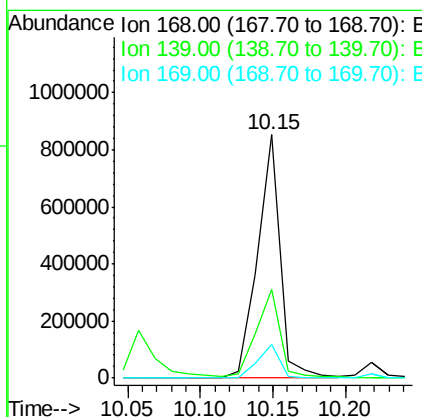
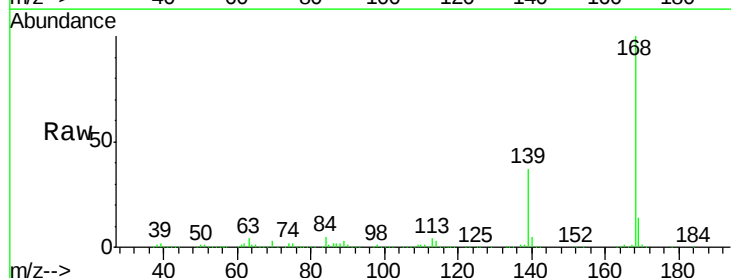
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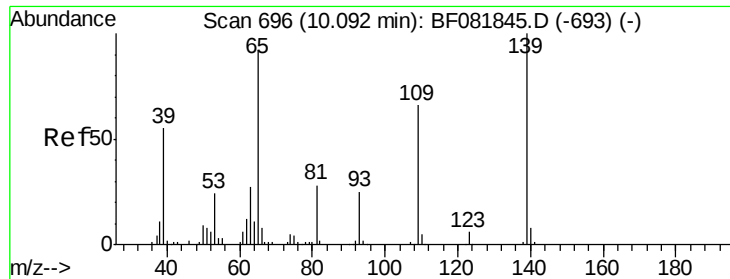
MMDadoda
10/2/2015 6:04:57 PM



#54
Dibenzofuran
Concen: 50.36 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	918091		
139	36.6	24.2	36.2#	
169	13.8	10.6	15.8	





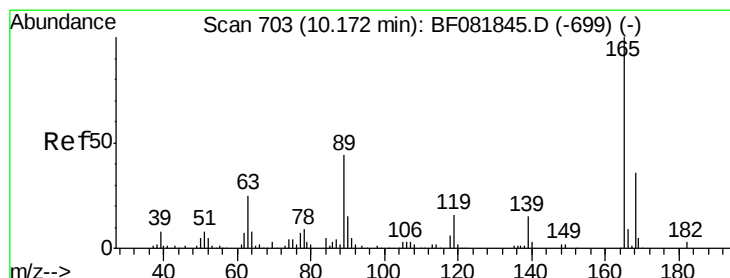
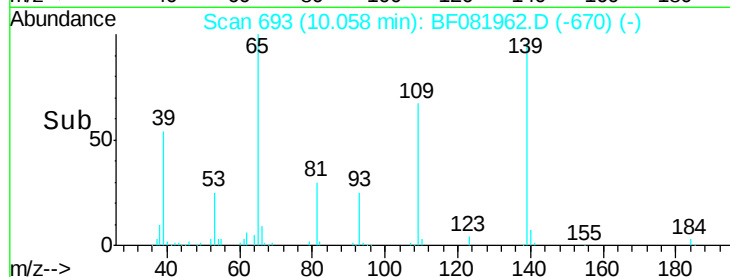
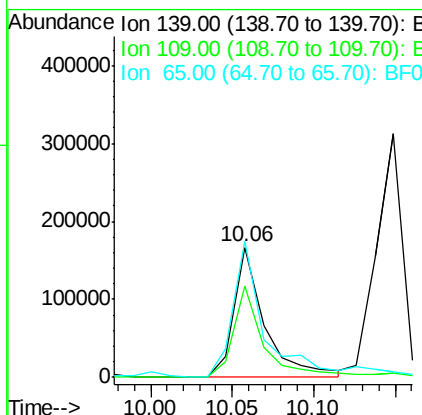
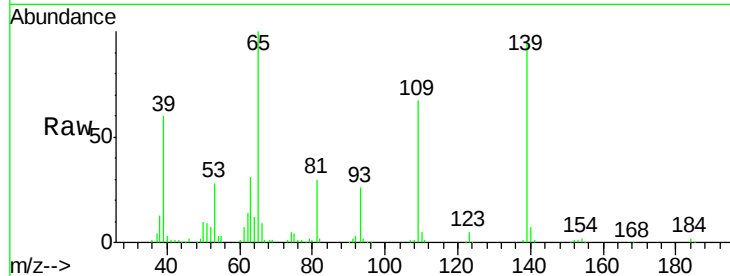
#55
4-Nitrophenol
Concen: 78.12 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	219277		
109	70.4	12.7	52.7#	
65	104.6	45.9	85.9#	

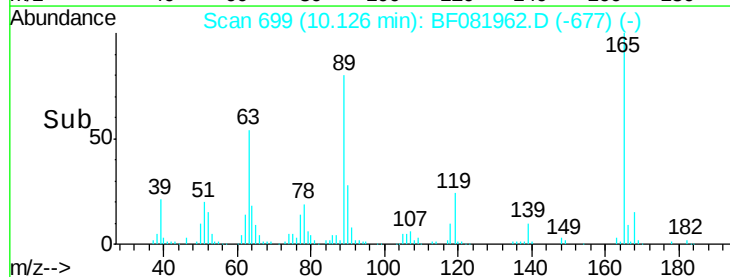
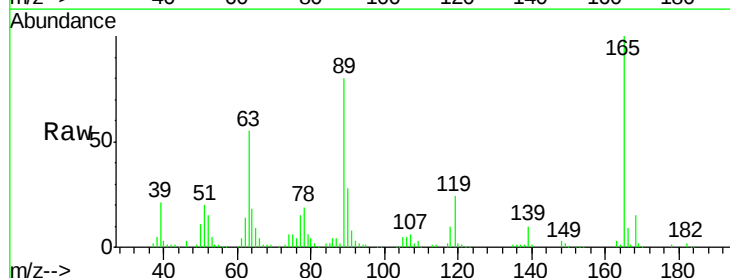
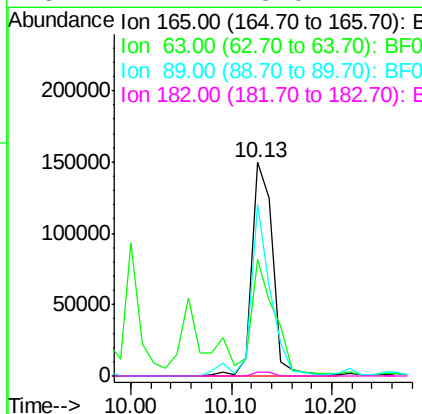
Manual Integrations
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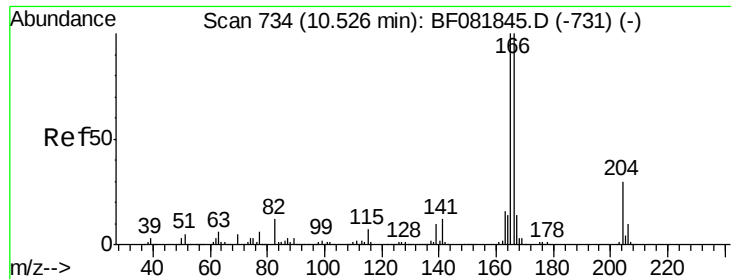
MMDadoda
10/2/2015 6:04:57 PM



#56
2,4-Dinitrotoluene
Concen: 50.07 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214355		
63	54.8	29.8	44.6#	
89	80.1	44.5	66.7#	
182	2.1	3.0	4.4#	





#57

Fluorene

Concen: 54.39 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF081962.D

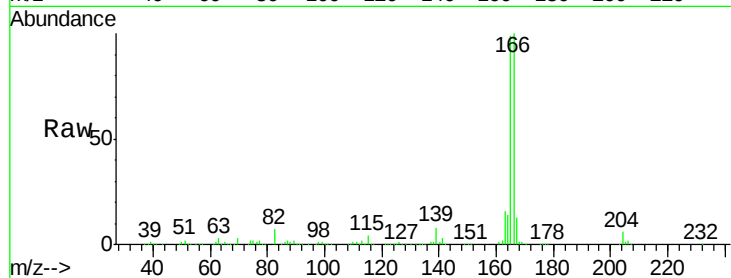
Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

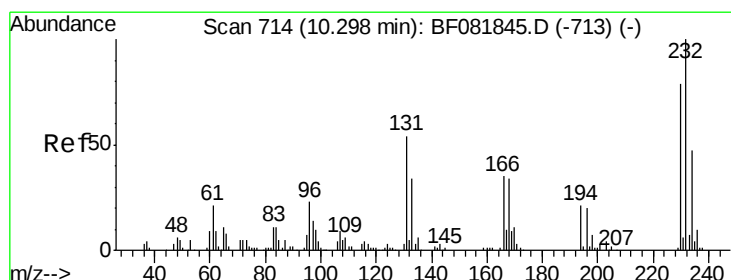
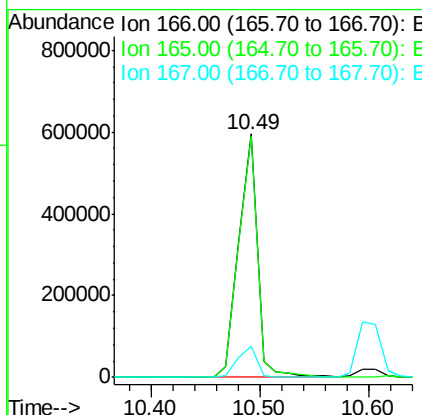
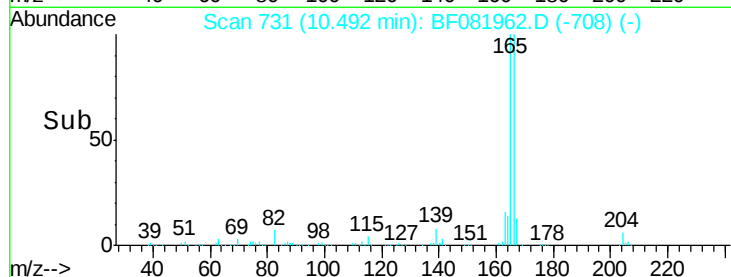
A1-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	703387		
165	98.8	72.6	109.0	
167	13.0	10.6	16.0	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.81 ng

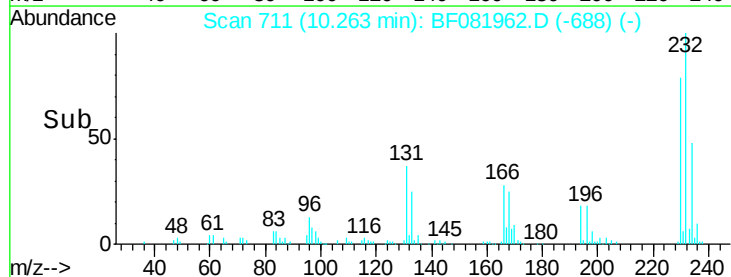
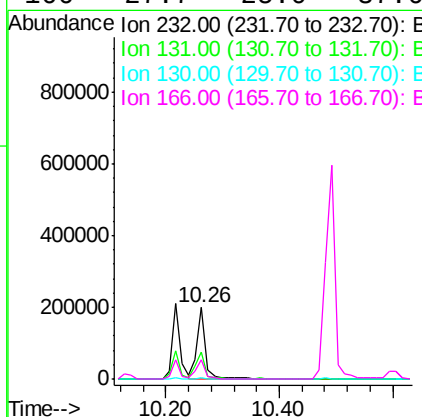
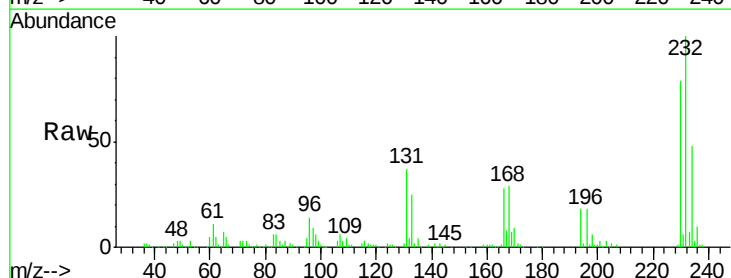
RT: 10.26 min Scan# 711

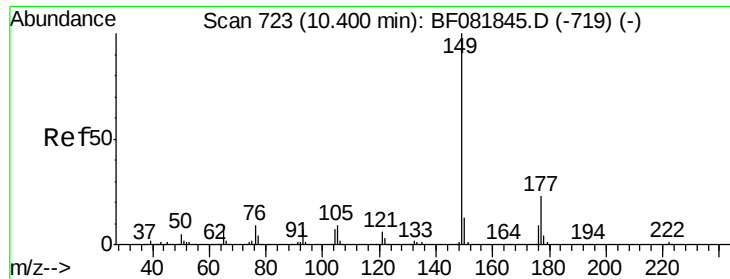
Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	210858		
131	42.0	38.5	57.7	
130	1.8	1.8	2.6	
166	27.7	25.0	37.6	





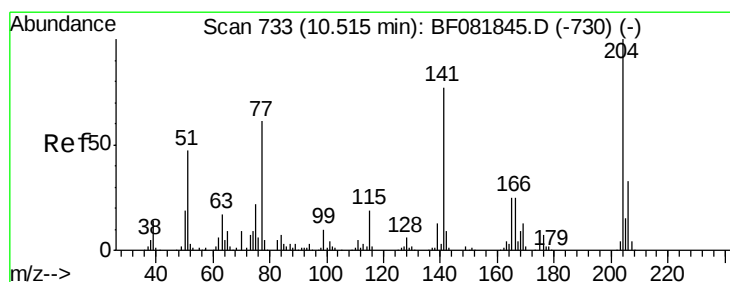
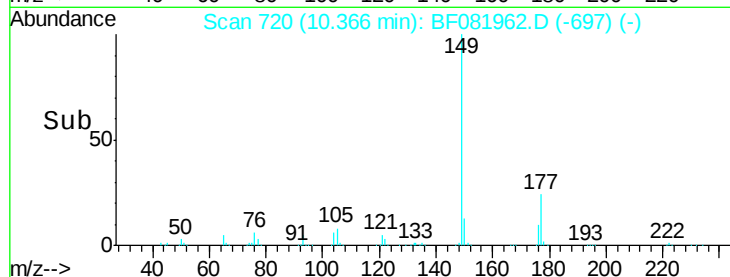
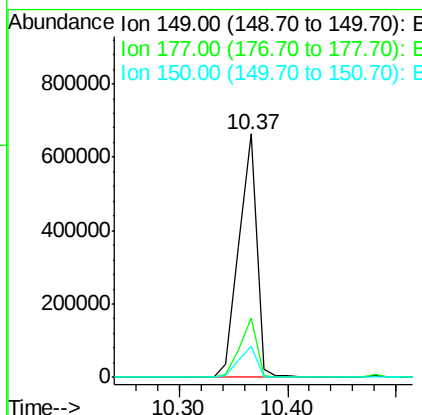
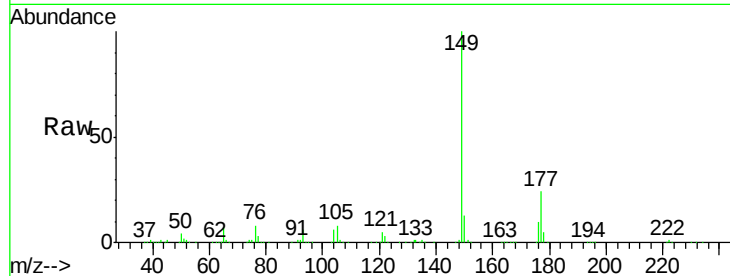
#59
Diethylphthalate
Concen: 51.95 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	750485		
177	24.2	17.5	26.3	
150	12.7	9.4	14.2	

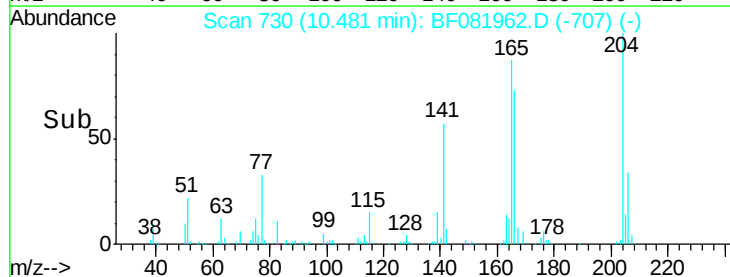
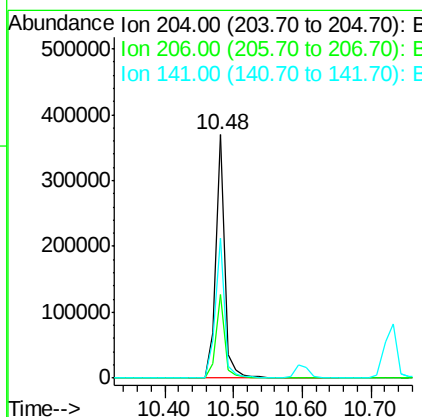
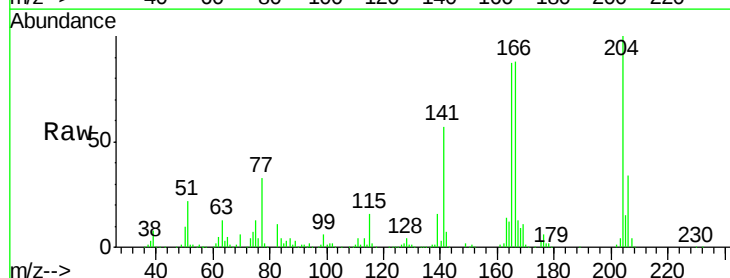
Manual Integrations
APPROVED

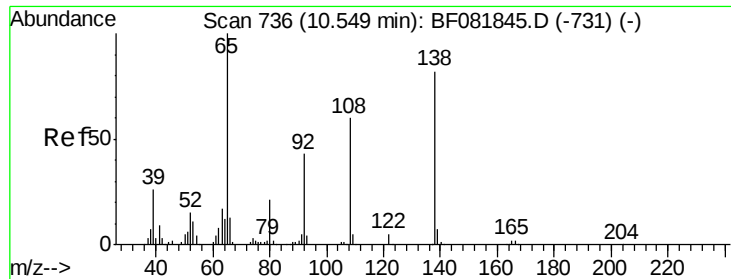
MMDadoda
10/2/2015 6:04:57 PM



#60
4-Chlorophenyl-phenylether
Concen: 51.50 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	343763		
206	34.2	24.8	37.2	
141	57.4	42.2	63.4	





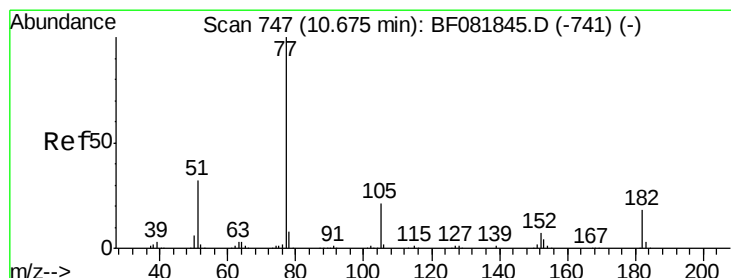
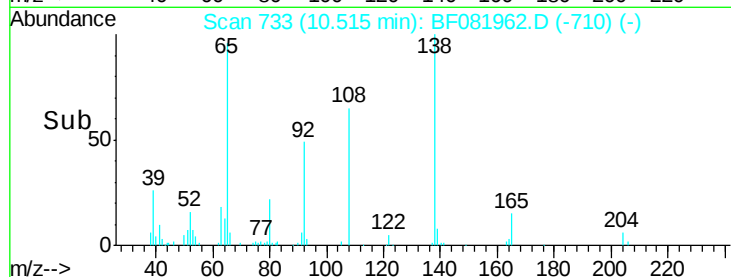
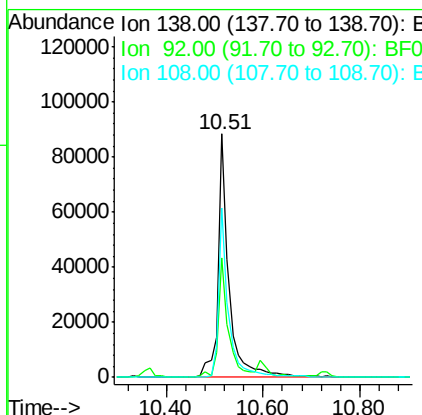
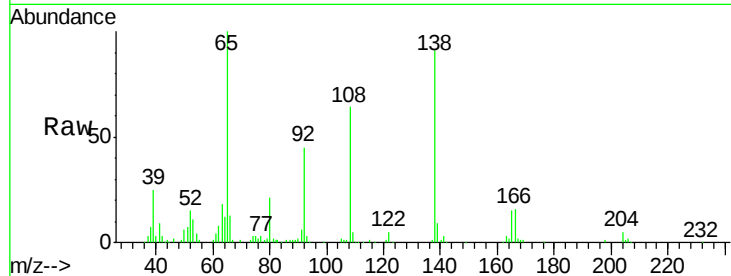
#61
4-Nitroaniline
Concen: 36.60 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	142577		
92	49.2	12.6	52.6	
108	69.5	12.4	52.4#	

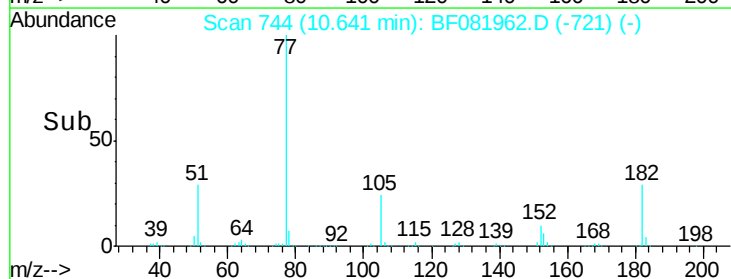
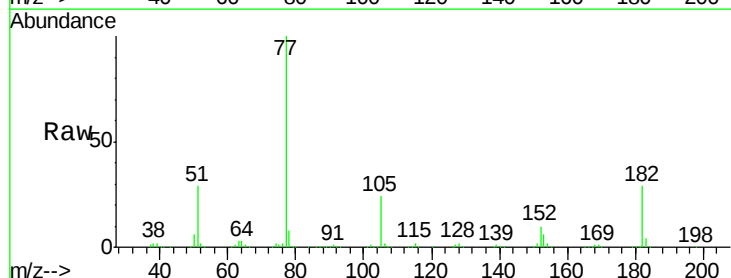
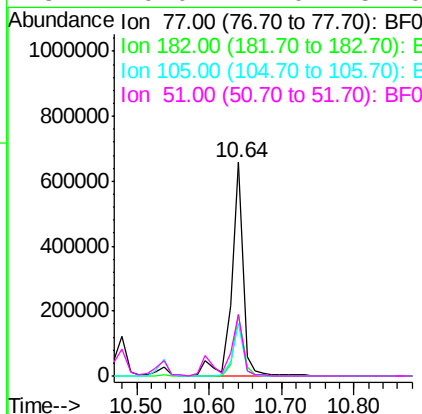
Manual Integrations
APPROVED

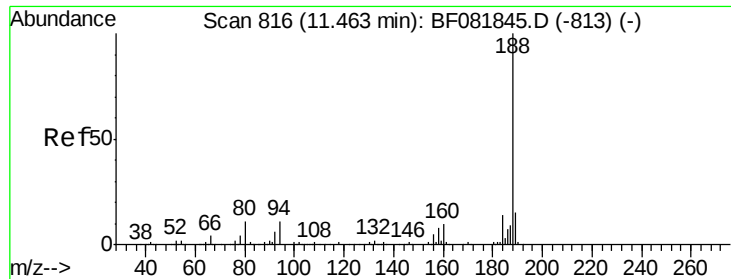
MMDadoda
10/2/2015 6:04:57 PM



#62
Azobenzene
Concen: 51.43 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	725102		
182	28.6	15.1	55.1	
105	24.4	3.4	43.4	
51	29.0	12.0	52.0	





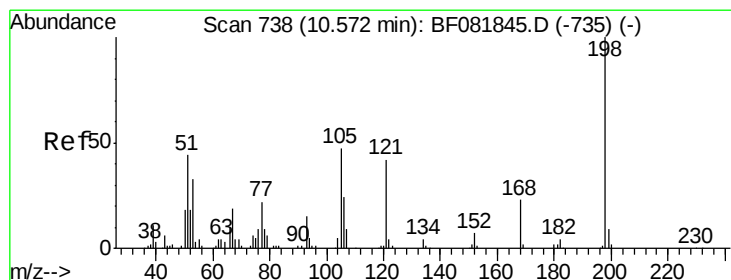
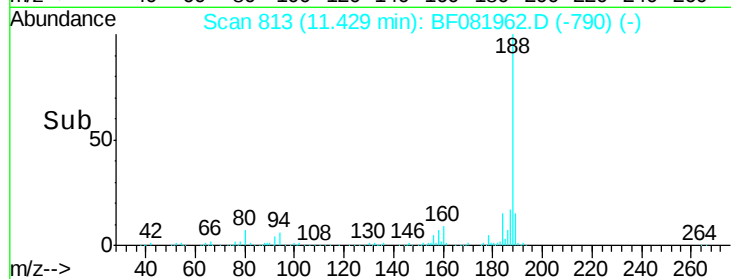
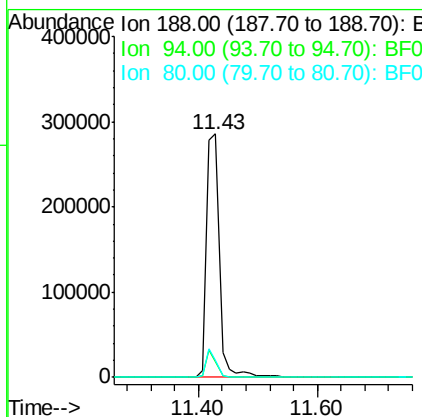
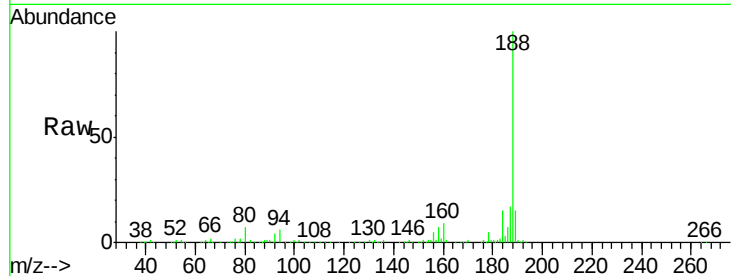
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	439052		
94	6.5	11.1	16.7#	
80	6.8	11.0	16.4#	

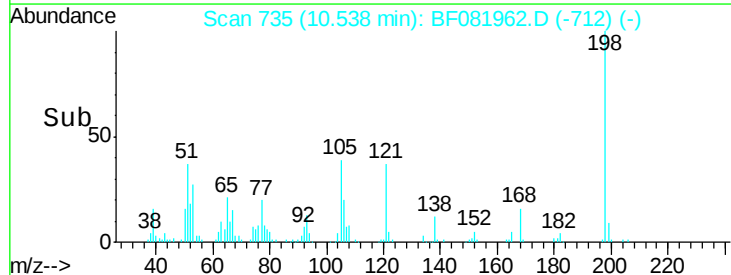
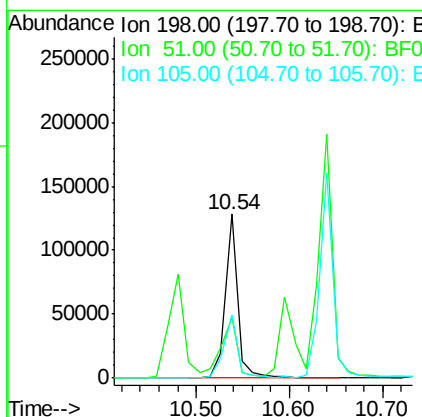
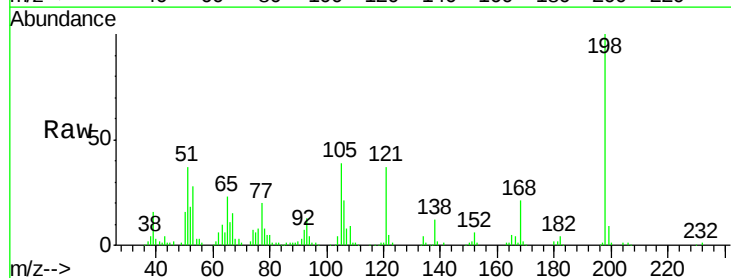
Manual Integrations
APPROVED

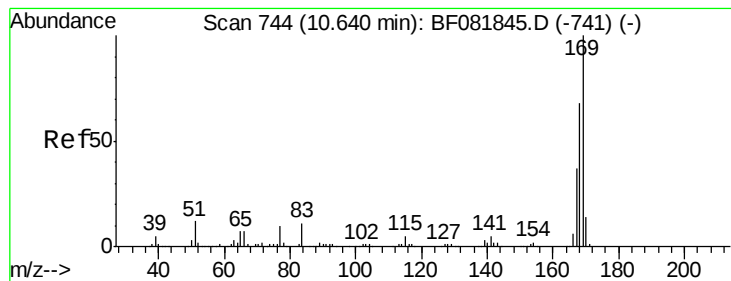
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10/2/2015 6:04:57 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 57.29 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	119340		
51	37.1	39.6	79.6#	
105	38.7	28.5	68.5	





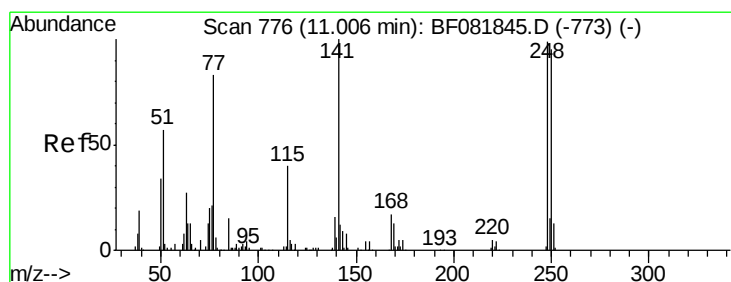
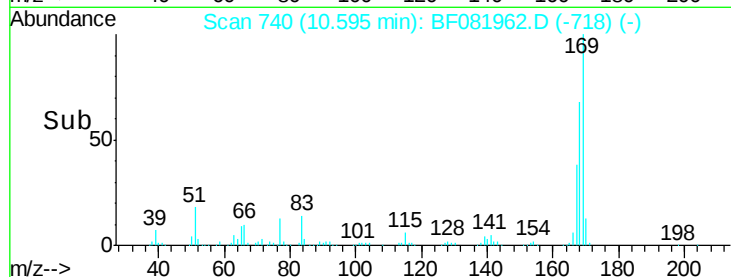
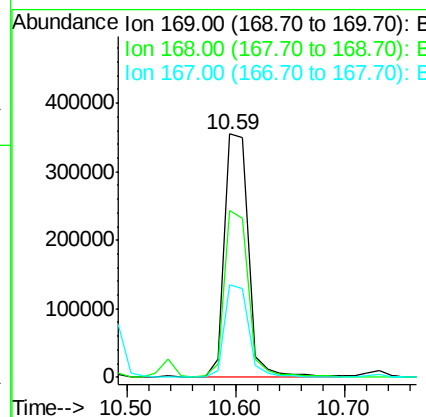
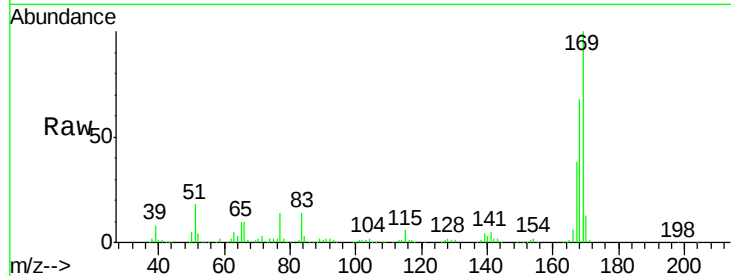
#65
n-Nitrosodiphenylamine
Concen: 40.94 ng
RT: 10.59 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	543825		
168	68.3	48.9	73.3	
167	38.1	26.2	39.4	

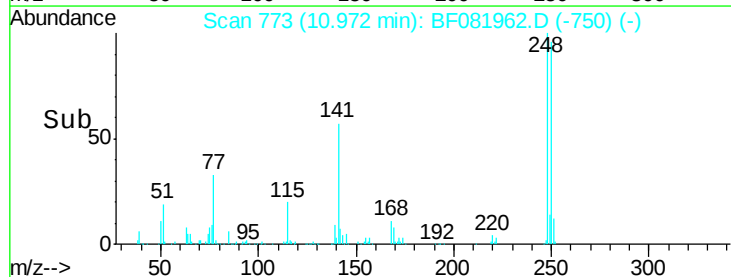
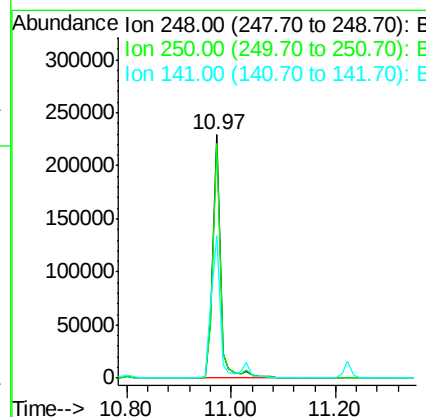
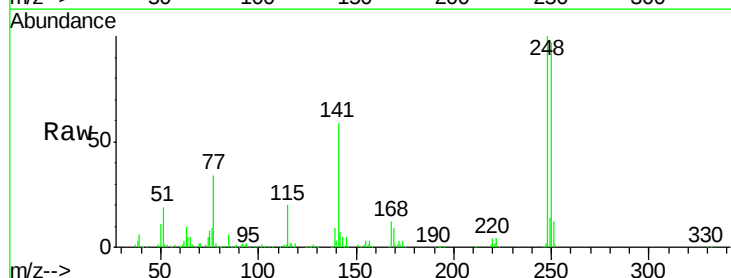
Manual Integrations
APPROVED

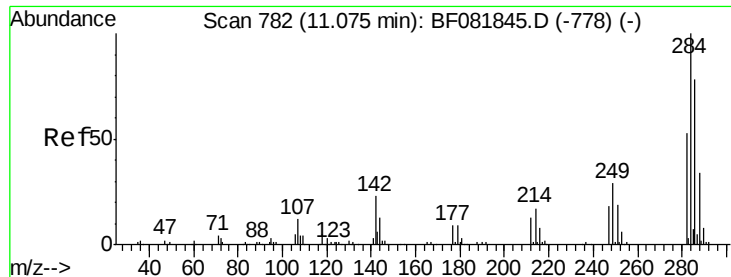
MMDadoda
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#66
4-Bromophenyl-phenylether
Concen: 52.92 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	234292		
250	96.6	78.5	117.7	
141	58.5	59.0	88.6	





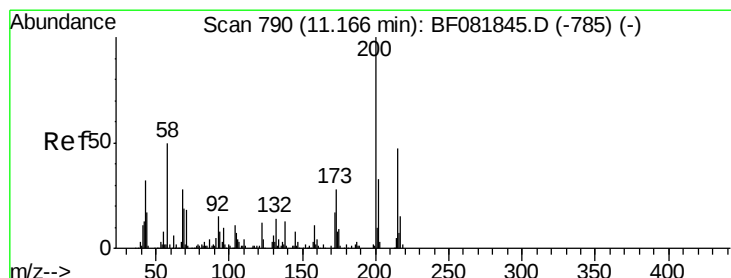
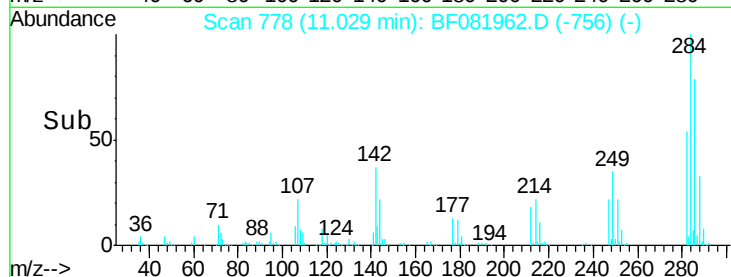
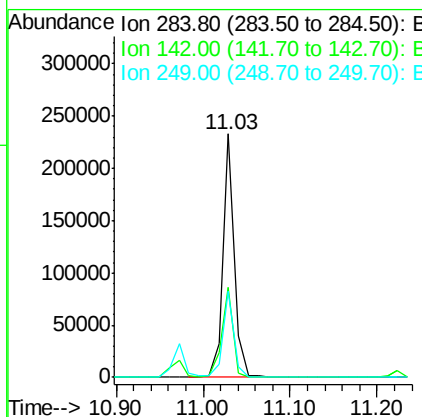
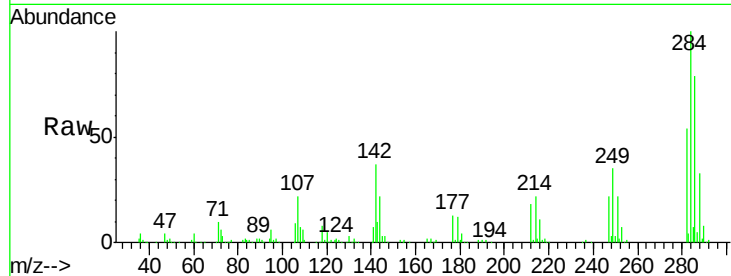
#67
Hexachlorobenzene
Concen: 43.01 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	37.2	29.5	44.3
249	35.1	19.5	29.3

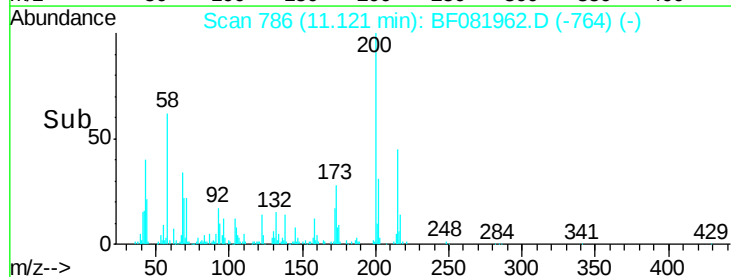
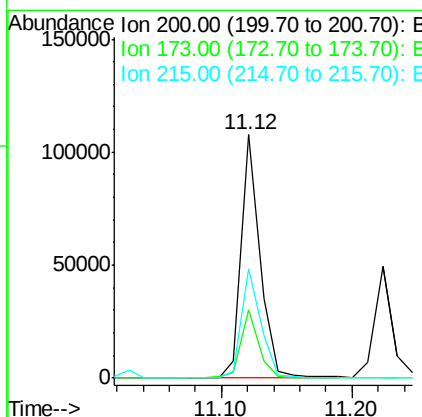
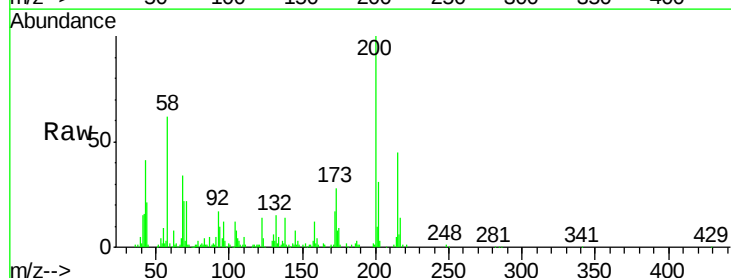
Manual Integrations
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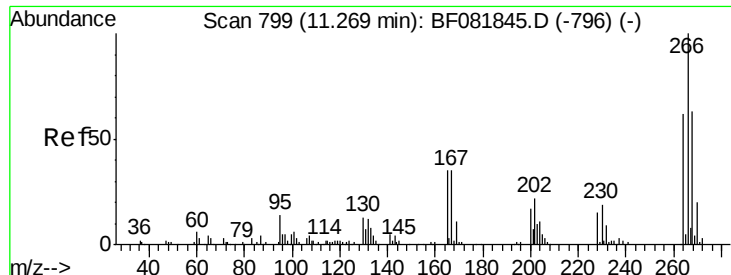
MMDadoda
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#68
Atrazine
Concen: 26.19 ng
RT: 11.12 min Scan# 786
Delta R.T. -0.05 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

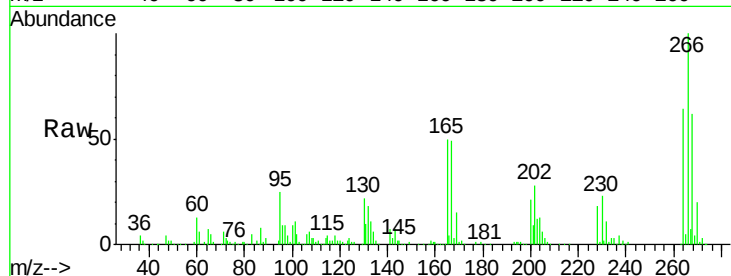
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	13.2	53.2
215	45.1	41.8	81.8





#69
 Pentachlorophenol
 Concen: 90.46 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.05 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

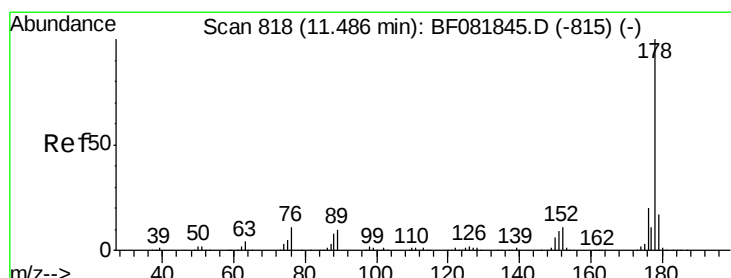
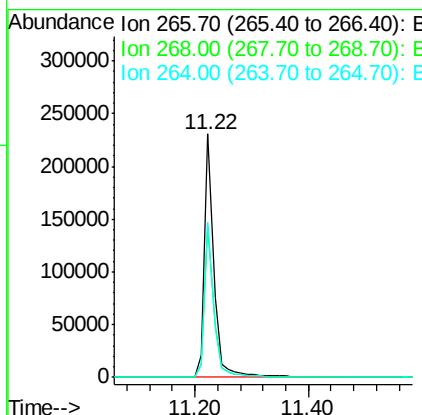
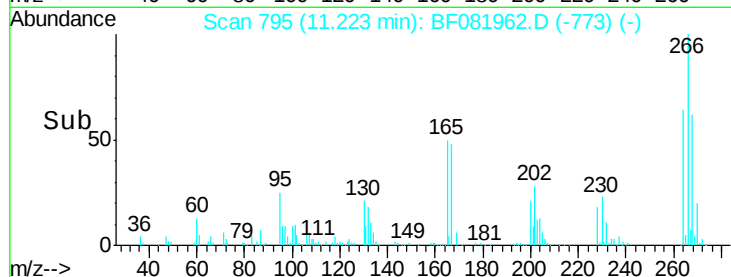
Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
266	100	257498		
268	62.2	49.8	74.6	
264	64.0	50.2	75.2	

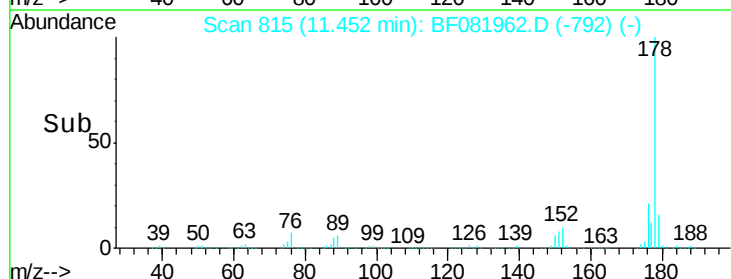
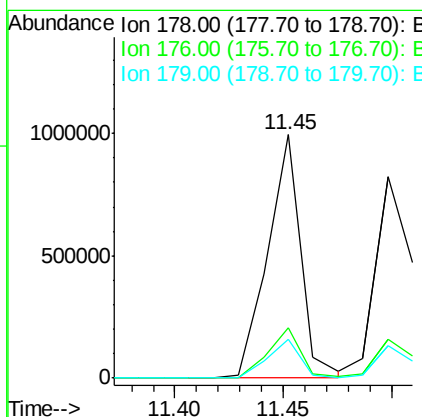
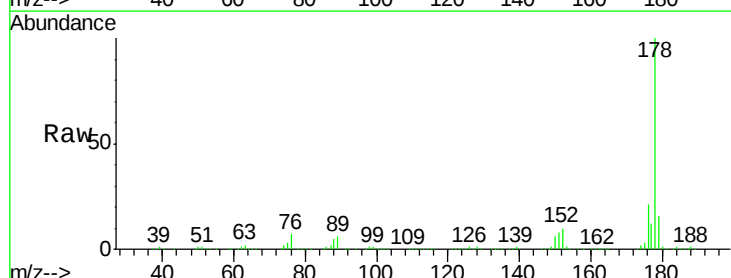
Manual Integrations
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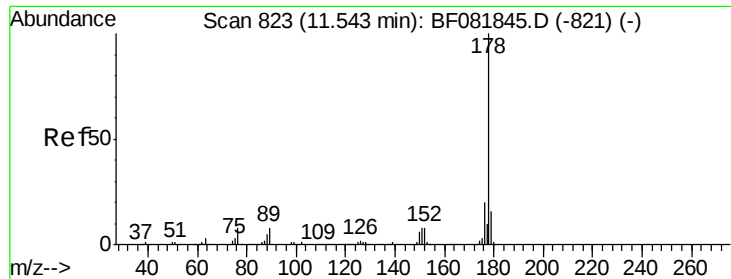
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#70
 Phenanthrene
 Concen: 50.34 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1059430		
176	20.6	13.8	20.8	
179	15.7	12.2	18.2	





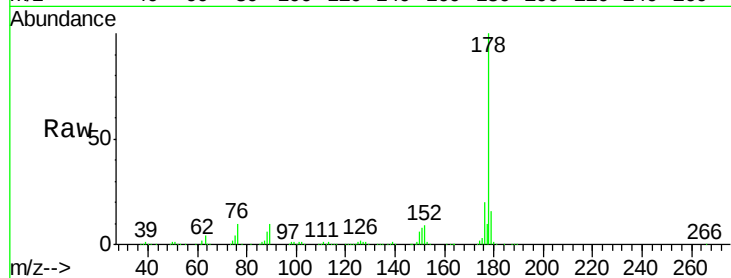
#71
 Anthracene
 Concen: 47.36 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.05 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

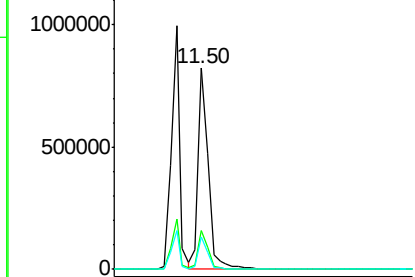
Tgt Ion:178 Resp: 1056926
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.1 21.1
 179 16.2 12.2 18.2

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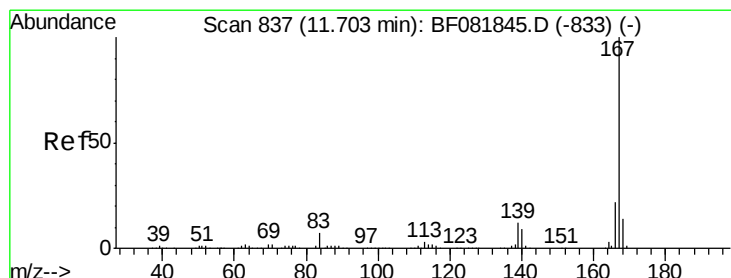
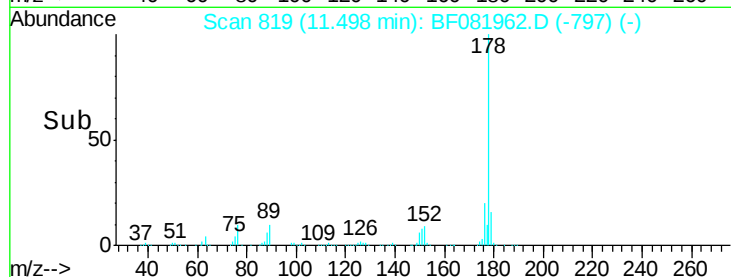
MMDadoda
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Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

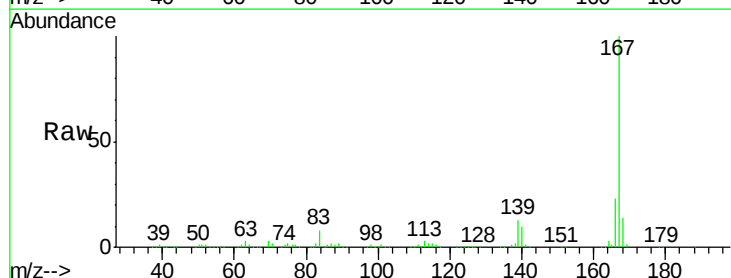


Time-->

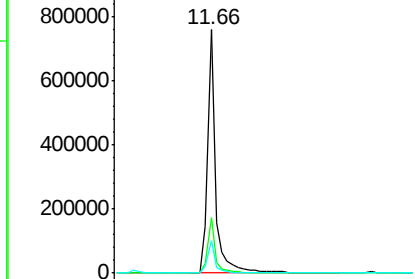


#72
 Carbazole
 Concen: 43.60 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

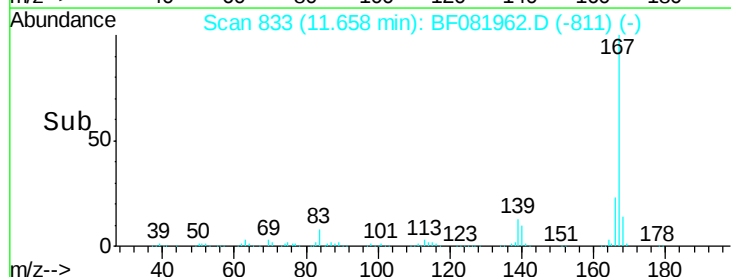
Tgt Ion:167 Resp: 880542
 Ion Ratio Lower Upper
 167 100
 166 22.5 15.7 23.5
 139 13.2 9.5 14.3

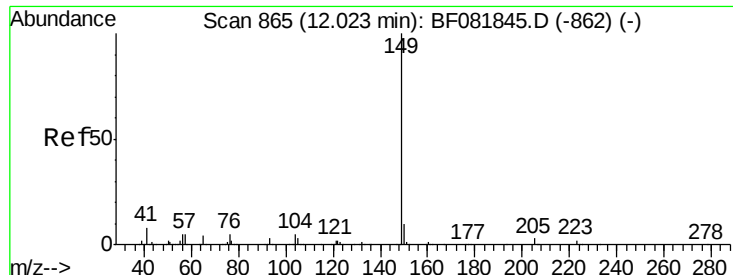


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 54.59 ng

RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

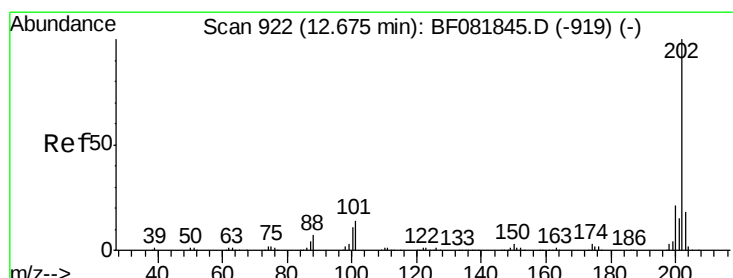
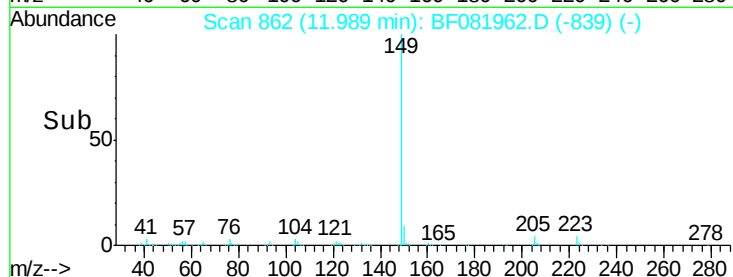
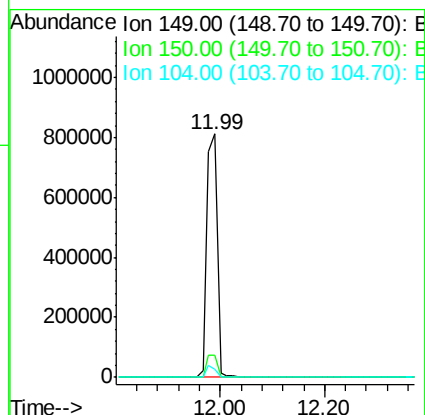
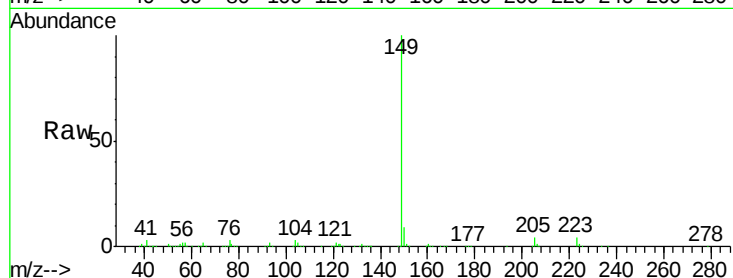
ClientSampleId :

A1-COMPMSD

Manual Integrations
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Tgt Ion:149 Resp: 1117046
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 3.5 2.4 3.6



#74

Fluoranthene

Concen: 47.11 ng

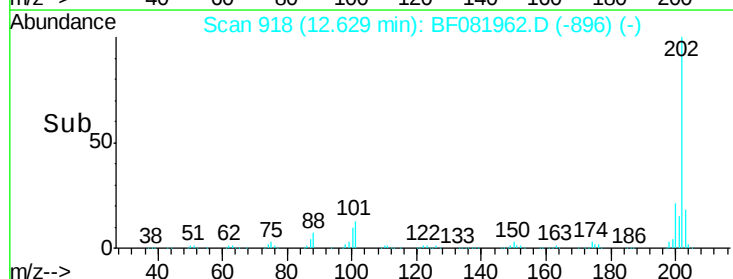
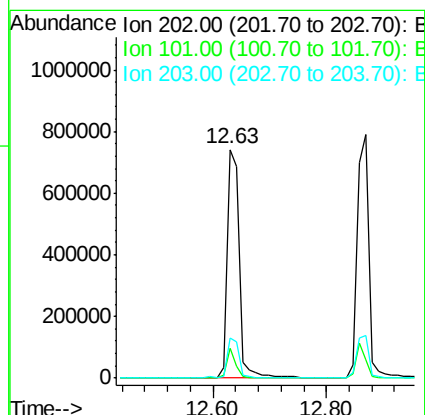
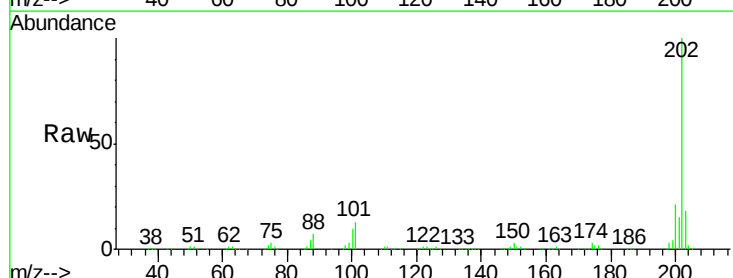
RT: 12.63 min Scan# 918

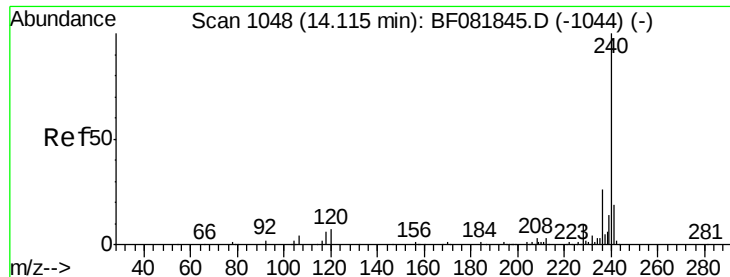
Delta R.T. -0.05 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Tgt Ion:202 Resp: 1108020
Ion Ratio Lower Upper
202 100
101 13.3 0.0 38.3
203 17.8 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

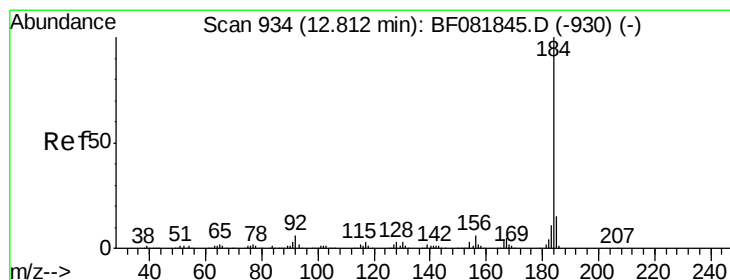
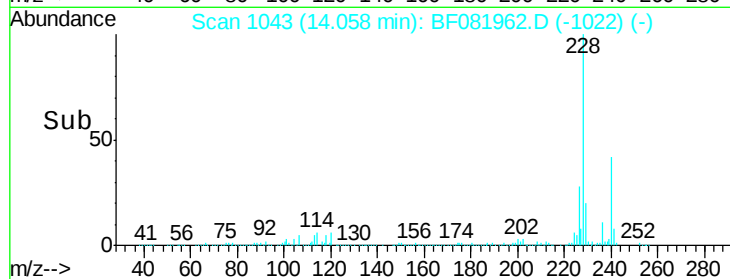
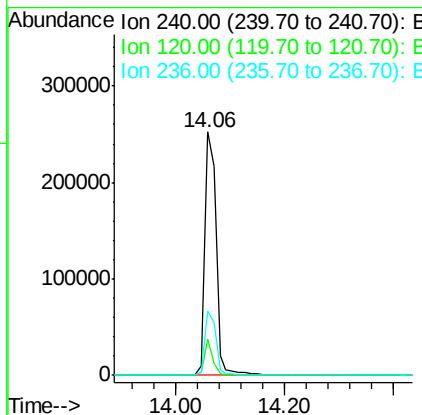
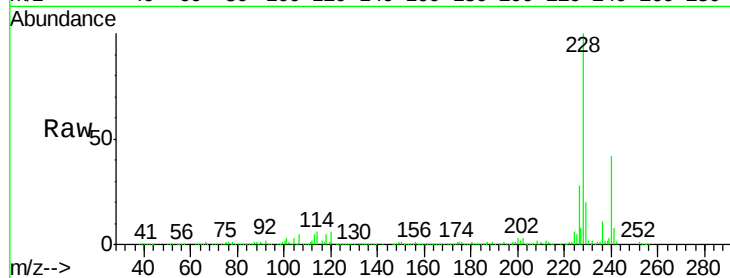
ClientSampleId :

A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	359548		
120	15.1	16.2	24.2#	
236	26.6	18.4	27.6	

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#76

Benzidine

Concen: 4.53 ng

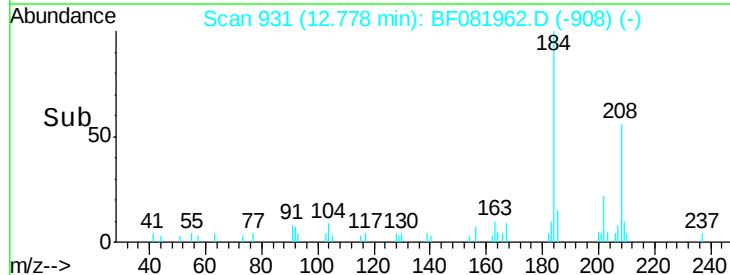
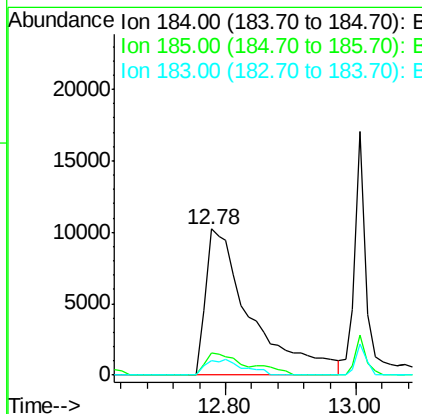
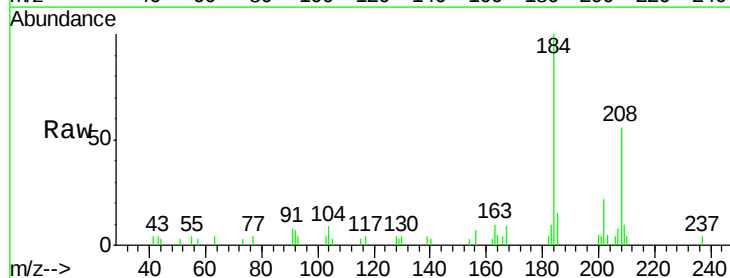
RT: 12.78 min Scan# 931

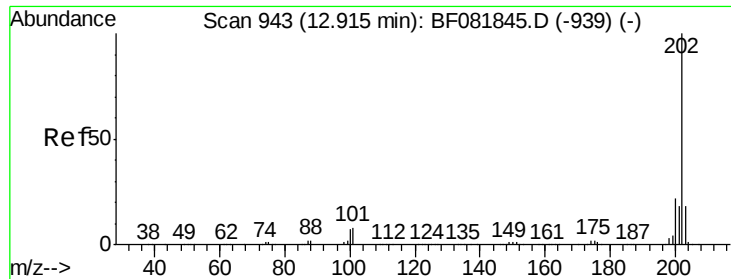
Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	49102		
185	15.3	11.8	17.6	
183	10.3	7.6	11.4	





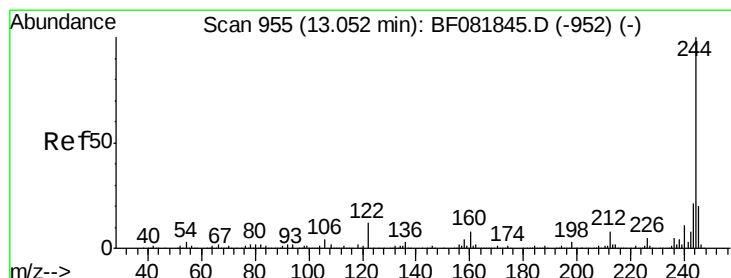
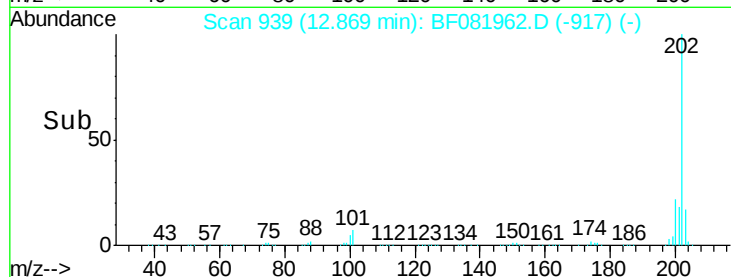
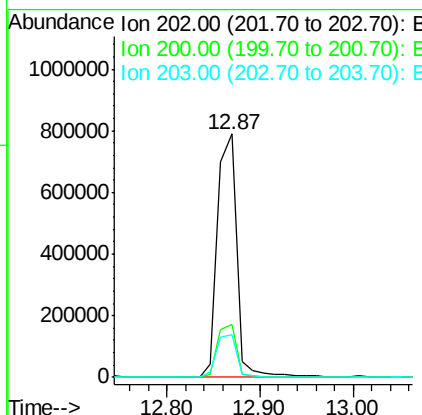
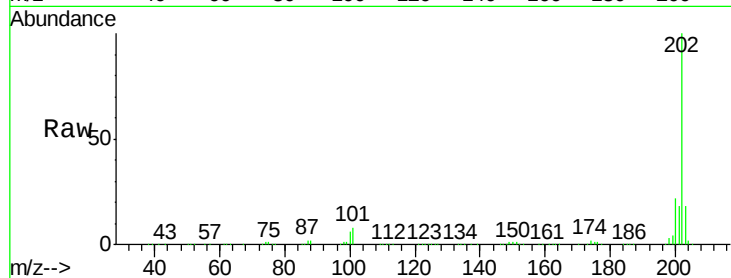
#77
 Pyrene
 Concen: 52.47 ng
 RT: 12.87 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	15.0	22.4
203	17.6	14.1	21.1

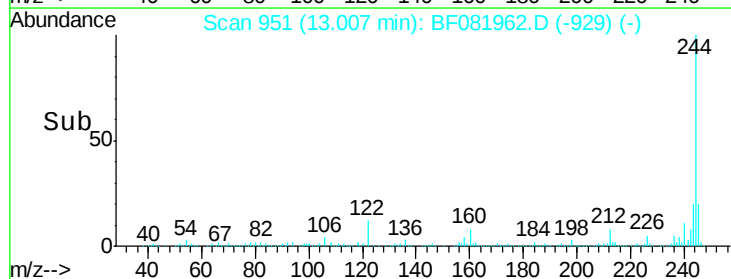
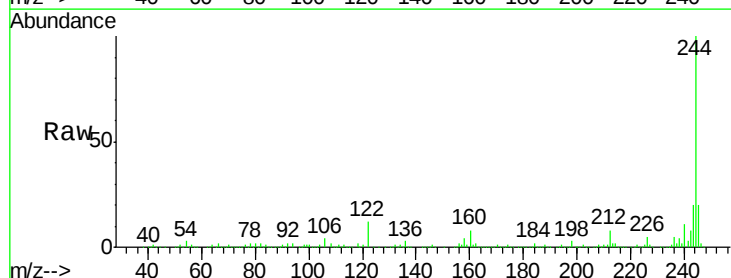
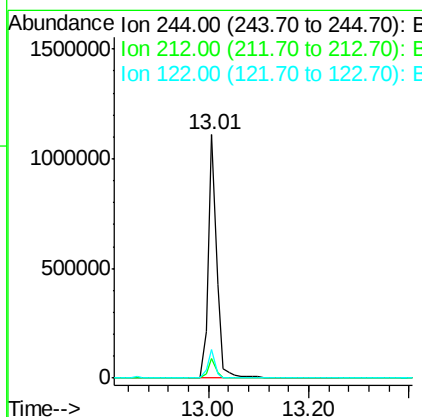
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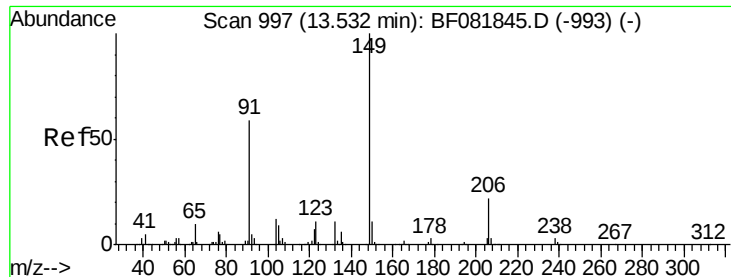
MMDadoda
 10/2/2015 6:04:57 PM



#78
 Terphenyl-d14
 Concen: 140.77 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	11.7	17.4	26.2#





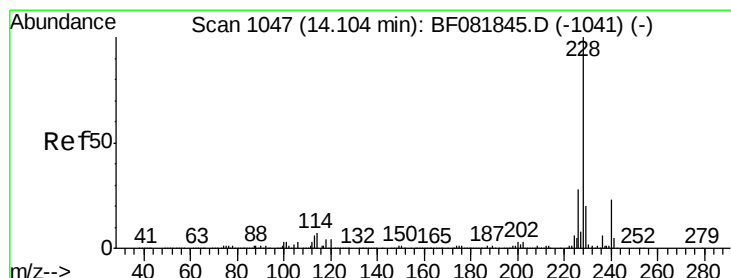
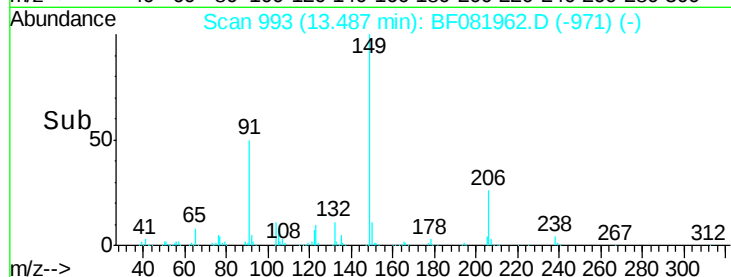
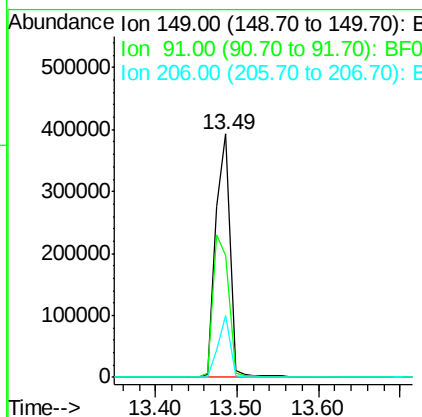
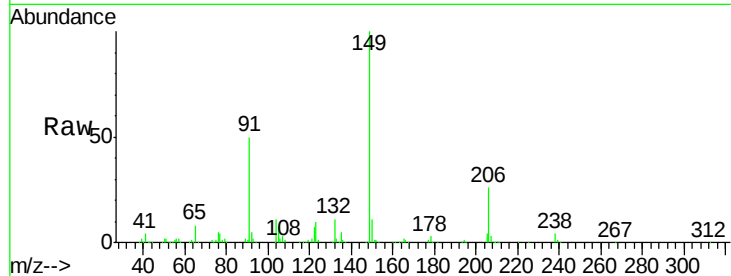
#79
Butylbenzylphthalate
Concen: 59.74 ng
RT: 13.49 min Scan# 993
Delta R.T. -0.05 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	482872		
91	50.3	48.6	72.8	
206	25.6	14.9	22.3	

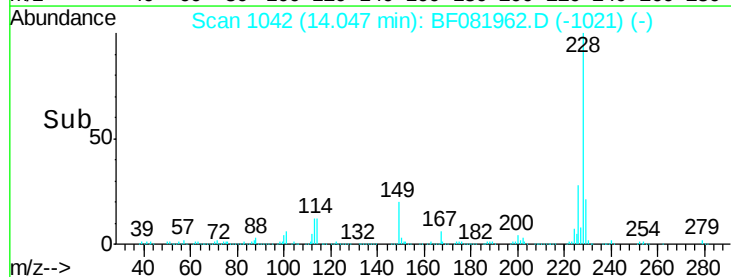
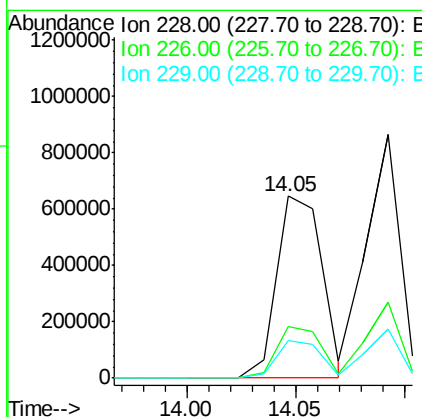
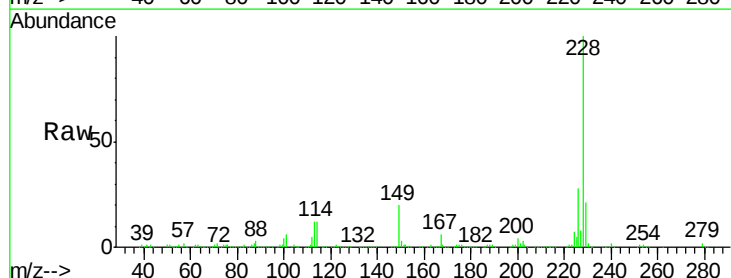
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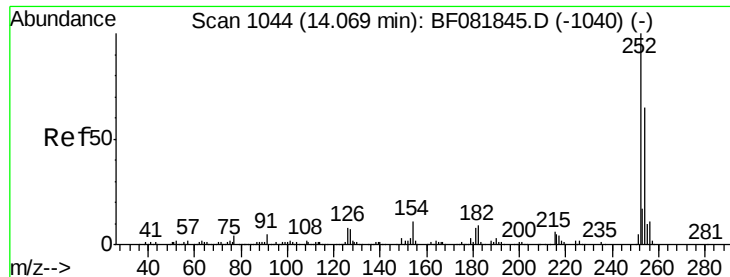
MMDadoda
10/2/2015 6:04:57 PM



#80
Benzo(a)anthracene
Concen: 48.52 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	939463		
226	28.3	20.0	30.0	
229	20.6	15.4	23.2	





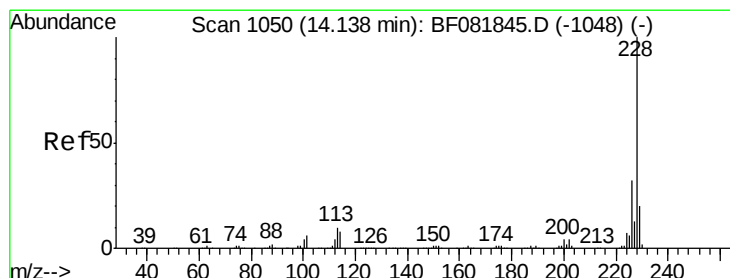
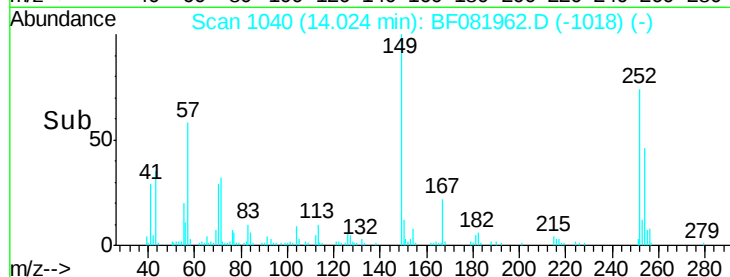
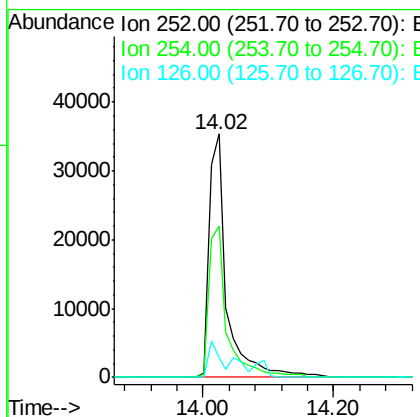
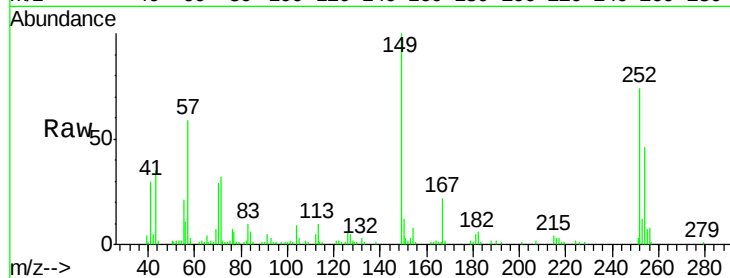
#81
 3,3'-Dichlorobenzidine
 Concen: 10.21 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	66789		
254	62.0	51.4	77.2	
126	8.0	16.4	24.6	

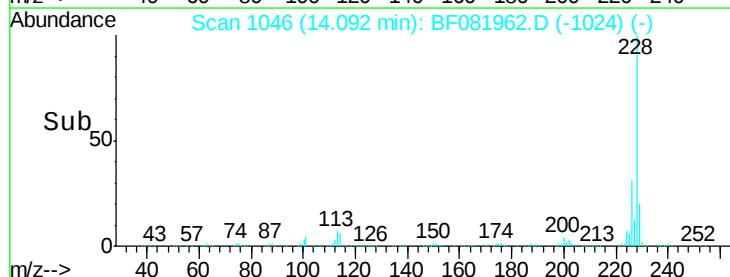
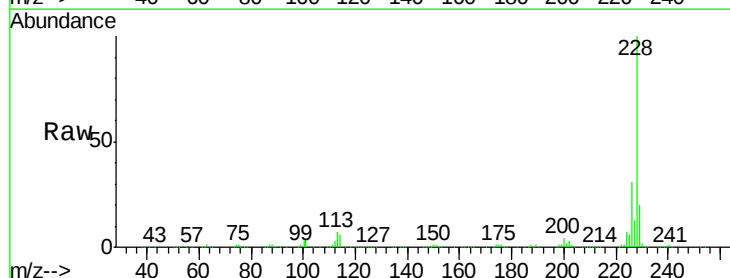
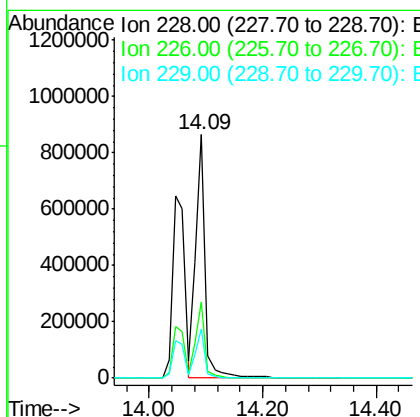
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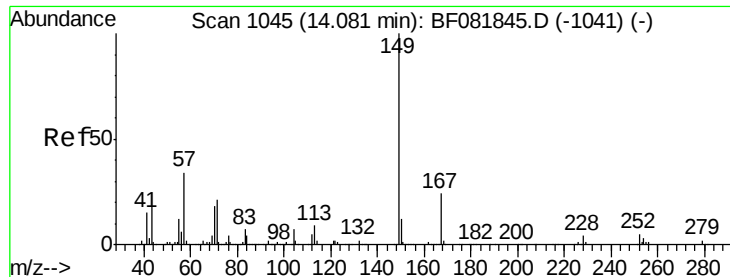
MMDadoda
 10/2/2015 6:04:57 PM



#82
 Chrysene
 Concen: Below Cal
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.04 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1004651		
226	31.3	21.0	31.4	
229	20.4	15.6	23.4	





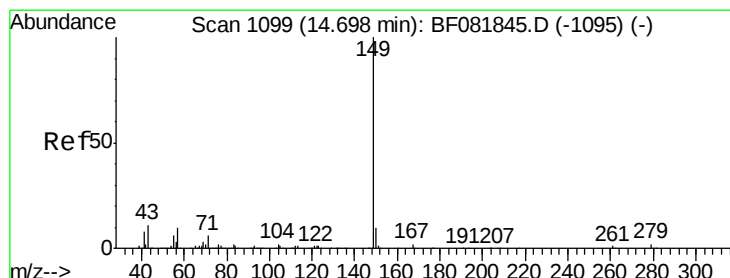
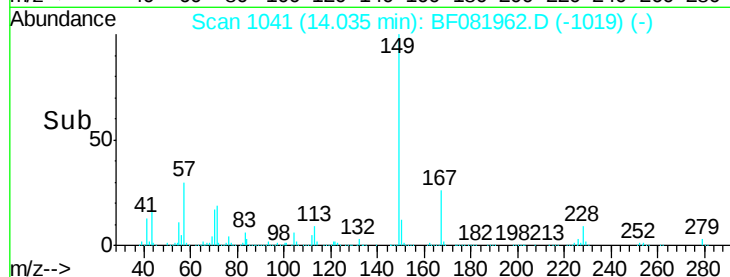
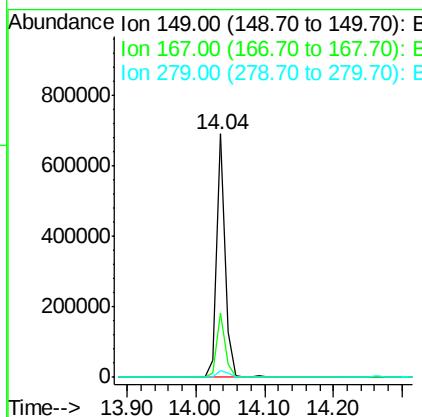
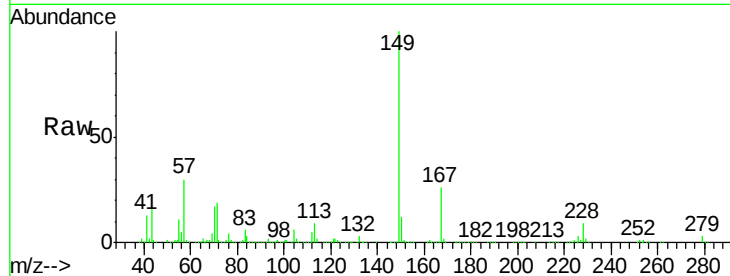
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.93 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.05 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	607597		
167	26.2	24.2	36.2	
279	2.5	3.8	5.6#	

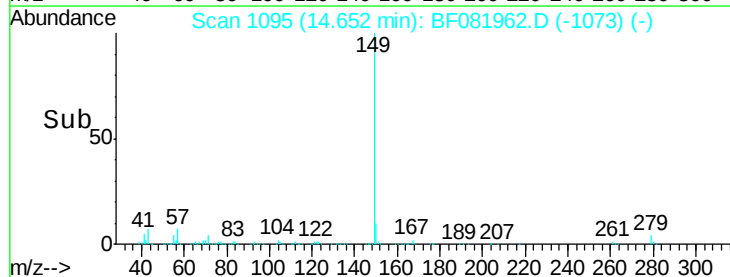
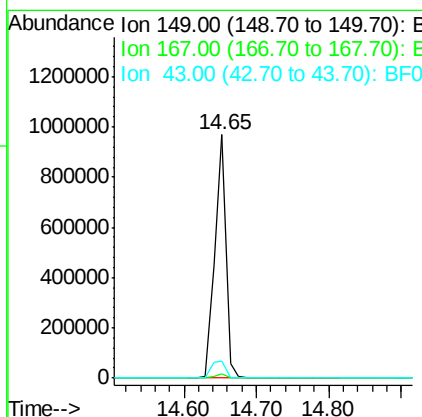
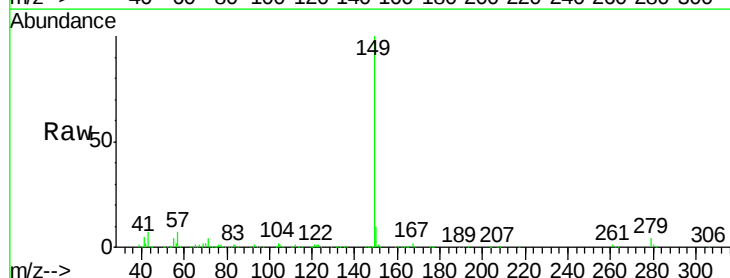
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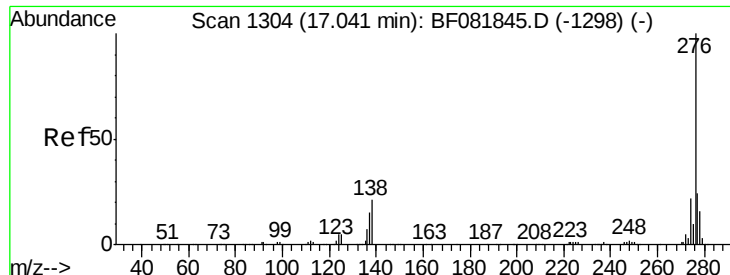
MMDadoda
 10/2/2015 6:04:57 PM



#84
 Di-n-octyl phthalate
 Concen: 62.79 ng
 RT: 14.65 min Scan# 1095
 Delta R.T. -0.05 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1036091		
167	1.5	1.0	1.6	
43	9.1	10.2	15.2#	





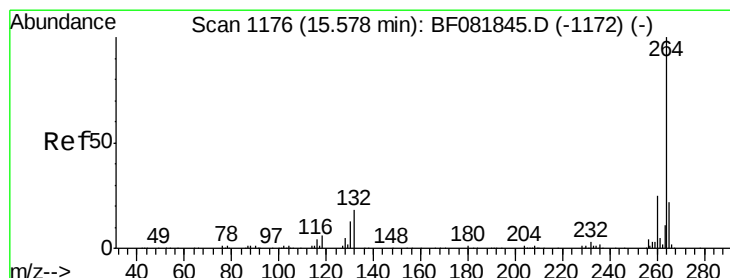
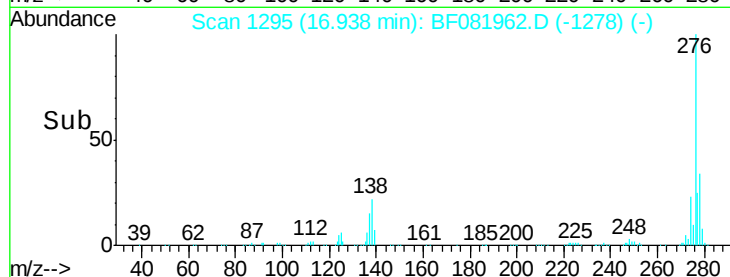
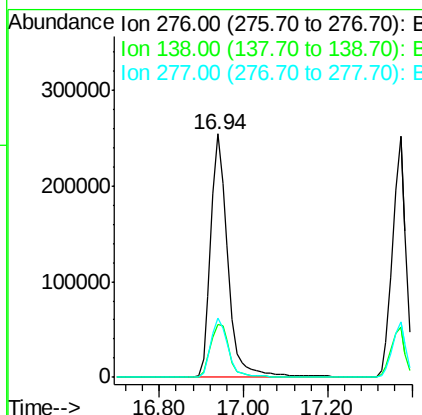
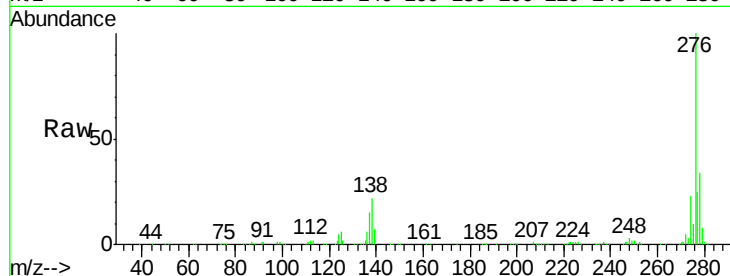
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.00 ng
RT: 16.94 min Scan# 1295
Delta R.T. -0.10 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.7	38.5#
277	25.0	15.6	23.4#

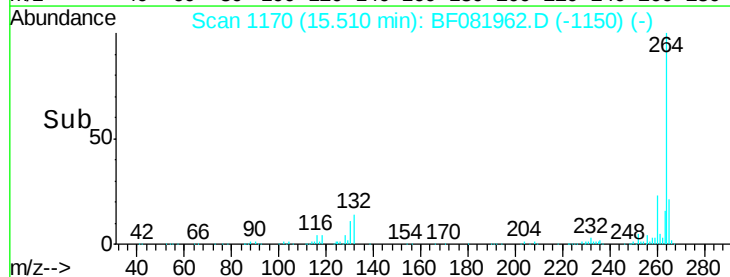
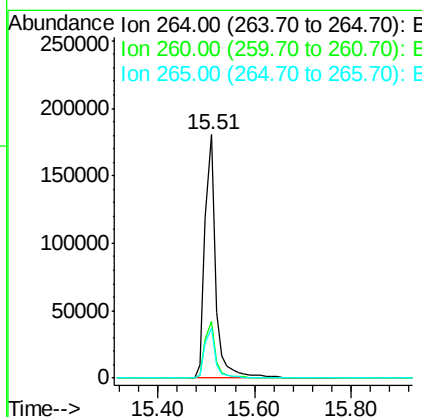
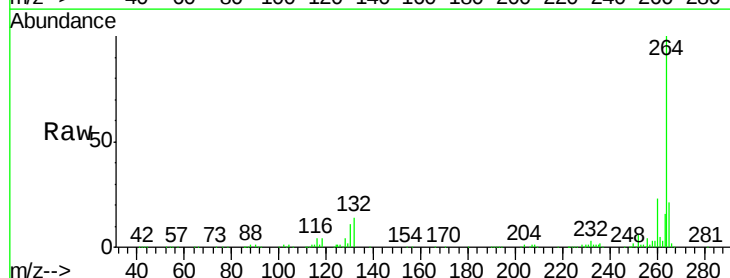
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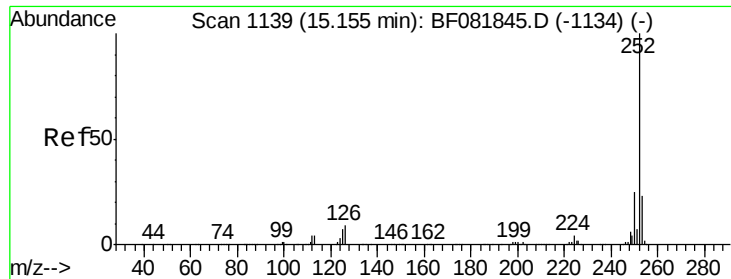
MMDadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.28 ng m

RT: 15.09 min Scan# 1133

Delta R.T. -0.07 min

Lab File: BF081962.D

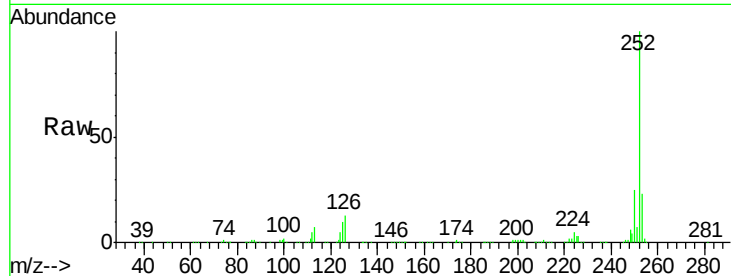
Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

A1-COMPMSD



Tgt Ion:252 Resp: 742631

Ion Ratio Lower Upper

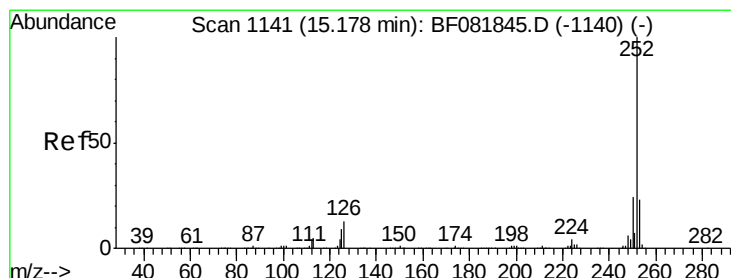
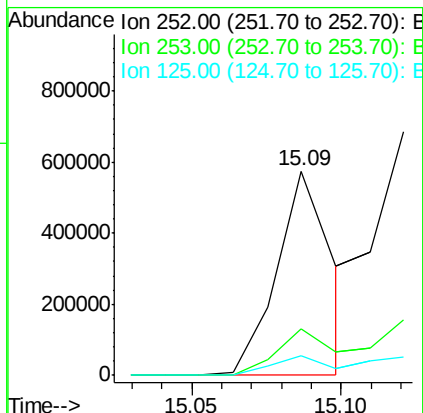
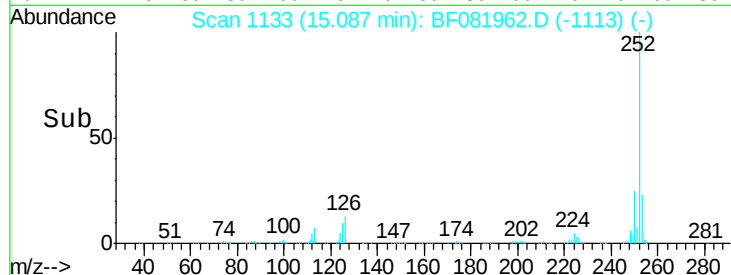
252 100

253 23.0 17.5 26.3

125 9.6 17.1 25.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 58.78 ng m

RT: 15.12 min Scan# 1136

Delta R.T. -0.06 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

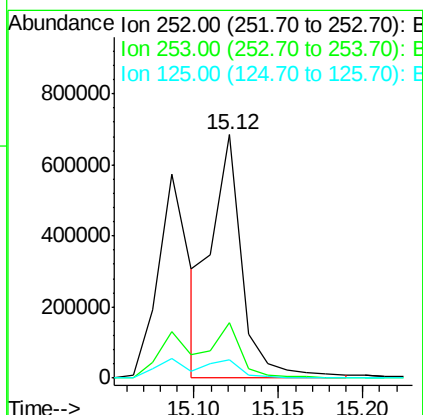
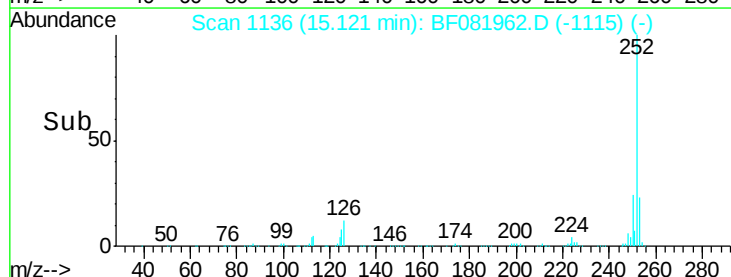
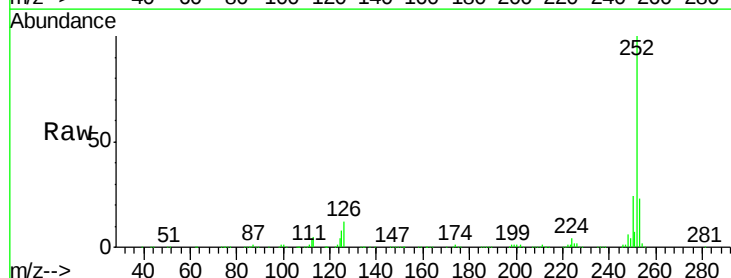
Tgt Ion:252 Resp: 864375

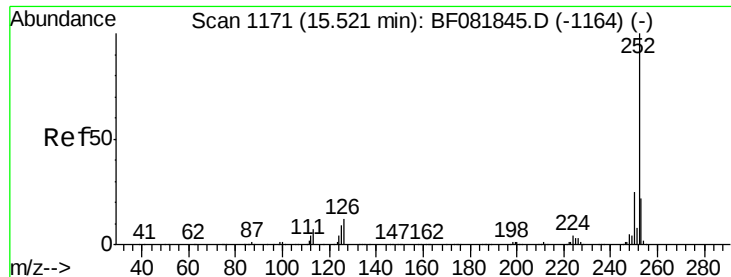
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 7.7 16.0 24.0#





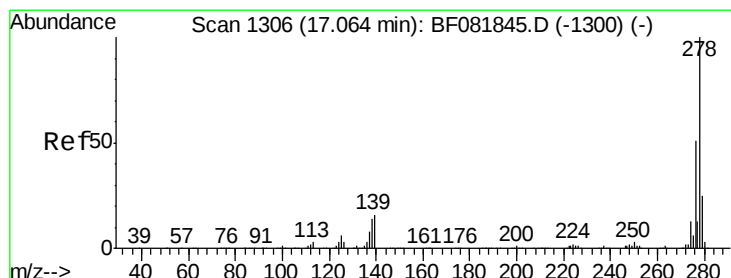
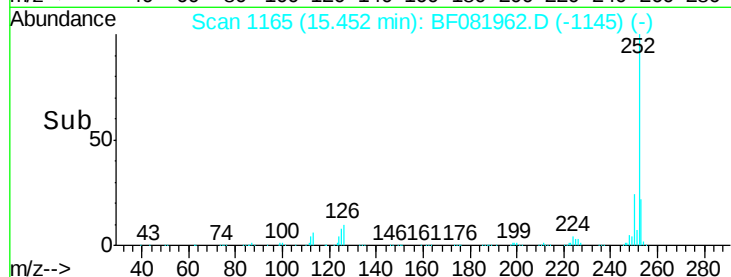
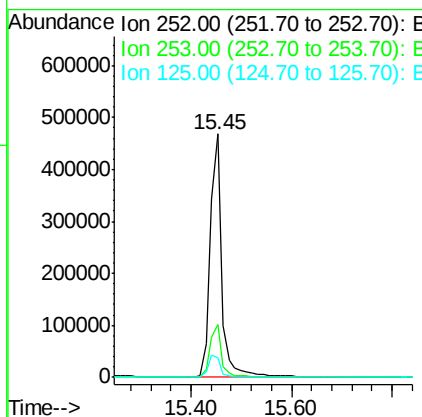
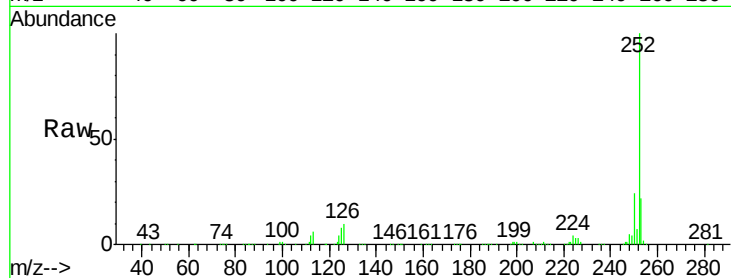
#89
Benzo(a)pyrene
Concen: 53.16 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.07 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.2	18.0	27.0

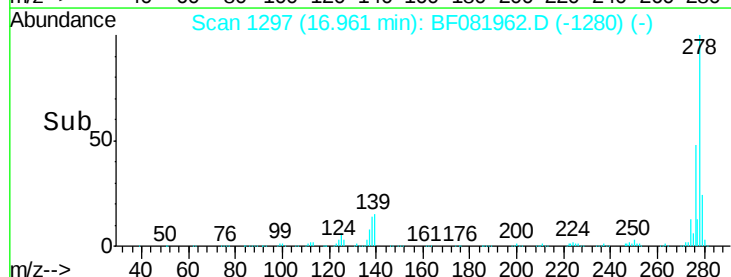
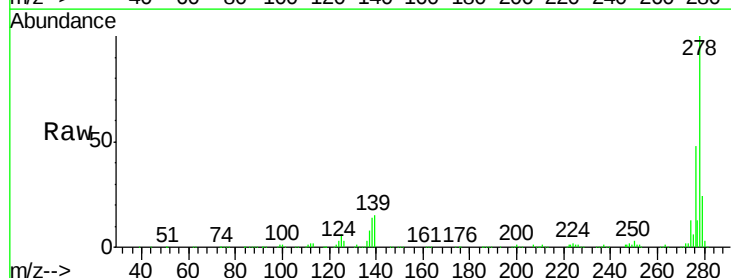
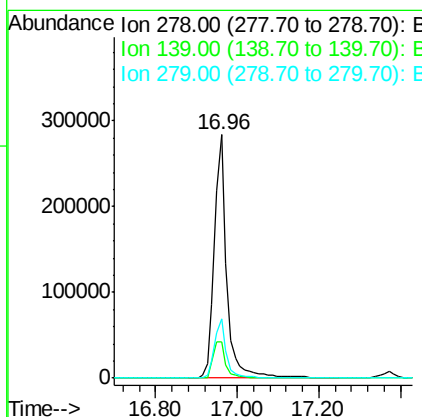
Manual Integrations
APPROVED

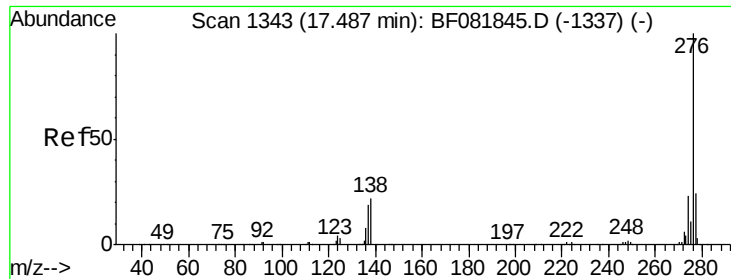
MMDadoda
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#90
Dibenzo(a,h)anthracene
Concen: 51.83 ng
RT: 16.96 min Scan# 1297
Delta R.T. -0.10 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	26.3	39.5
279	24.1	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 50.19 ng
 RT: 17.37 min Scan# 1333
 Delta R.T. -0.11 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.3	17.8	26.6
138	20.9	34.6	51.8#

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