

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081851.D
 Acq On : 28 Sep 2015 19:13
 Operator : UM/IZ
 Sample : PB85617BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BSD

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:49 PM

Quant Time: Sep 29 03:40:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	107140	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	419901	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	205777	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	389502	20.00	ng	0.00
75) Chrysene-d12	14.12	240	361128	20.00	ng	0.00
86) Perylene-d12	15.58	264	297474	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	505306	85.62	ng	0.01
7) Phenol-d6	6.56	99	633364	85.28	ng	0.00
23) Nitrobenzene-d5	7.50	82	537203	85.28	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	171601	82.34	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1101687	90.78	ng	0.00
78) Terphenyl-d14	13.05	244	962721	86.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	88147	34.34	ng	90
3) Pyridine	3.37	79	247997	37.11	ng	# 84
4) n-Nitrosodimethylamine	3.33	42	119668	39.43	ng	93
6) Aniline	6.59	93	235866	23.64	ng	# 83
8) 2-Chlorophenol	6.71	128	278054	42.66	ng	83
9) Benzaldehyde	6.48	77	93179	19.16	ng	# 83
10) Phenol	6.57	94	361618	43.41	ng	74
11) bis(2-Chloroethyl)ether	6.66	93	267023	41.33	ng	97
12) 1,3-Dichlorobenzene	6.87	146	309983	40.26	ng	# 94
13) 1,4-Dichlorobenzene	6.95	146	329166	40.95	ng	# 94
14) 1,2-Dichlorobenzene	7.10	146	292146m	40.78	ng	
15) Benzyl Alcohol	7.07	79	229961	42.90	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.21	45	396556	43.42	ng	78
17) 2-Methylphenol	7.19	107	226072	42.78	ng	# 86
18) Hexachloroethane	7.44	117	105503	41.92	ng	# 86
19) n-Nitroso-di-n-propylamine	7.35	70	191761	42.48	ng	# 75
20) 3+4-Methylphenols	7.34	107	283066	42.41	ng	# 57
22) Acetophenone	7.35	105	368942	42.97	ng	# 83
24) Nitrobenzene	7.52	77	298033	43.57	ng	# 74
25) Isophorone	7.76	82	516242	41.35	ng	# 97
26) 2-Nitrophenol	7.84	139	144386	43.98	ng	# 81
27) 2,4-Dimethylphenol	7.87	122	258019	44.67	ng	# 85
28) bis(2-Chloroethoxy)methane	7.97	93	314683	42.44	ng	# 93
29) 2,4-Dichlorophenol	8.08	162	249265	44.51	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	268510	42.94	ng	99
31) Naphthalene	8.24	128	770147m	41.39	ng	
32) Benzoic acid	7.99	122	136963	40.92	ng	# 68
33) 4-Chloroaniline	8.30	127	108059	13.43	ng	# 93
34) Hexachlorobutadiene	8.35	225	157291	42.54	ng	98
35) Caprolactam	8.66	113	72823	46.97	ng	100
36) 4-Chloro-3-methylphenol	8.78	107	251844	45.99	ng	87
37) 2-Methylnaphthalene	8.94	142	558205	43.95	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	254772	40.33	ng	100
40) Hexachlorocyclopentadiene	9.09	237	308329	94.78	ng	96

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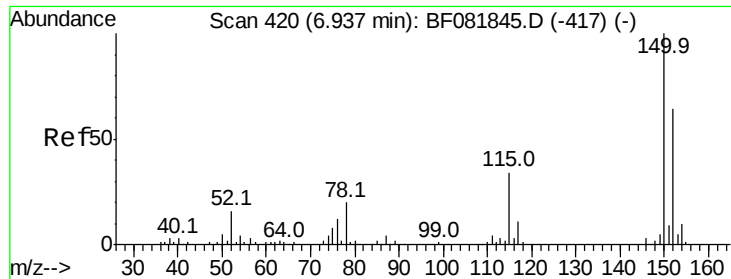
Manual Integrations
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MMDadoda
 9/29/2015 12:10:49 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	180717	41.73	nq	100
43) 2,4,5-Trichlorophenol	9.26	196	194124	43.59	nq	# 95
45) 1,1'-Biphenyl	9.39	154	655707	41.30	nq	95
46) 2-Chloronaphthalene	9.43	162	531535	42.64	nq	98
47) 2-Nitroaniline	9.52	65	149696	40.91	nq	# 67
48) Acenaphthylene	9.84	152	809623	40.58	nq	96
49) Dimethylphthalate	9.70	163	620423	43.68	nq	# 98
50) 2,6-Dinitrotoluene	9.76	165	130008	42.16	nq	# 46
51) Acenaphthene	10.01	154	538506	45.45	nq	88
52) 3-Nitroaniline	9.93	138	81464	22.83	nq	# 57
53) 2,4-Dinitrophenol	10.05	184	119039	79.55	nq	# 78
54) Dibenzofuran	10.18	168	692191	41.34	nq	# 86
55) 4-Nitrophenol	10.10	139	235187	91.23	nq	# 81
56) 2,4-Dinitrotoluene	10.17	165	194196	49.40	nq	# 96
57) Fluorene	10.53	166	534260	44.60	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.30	232	157648	44.62	nq	96
59) Diethylphthalate	10.40	149	588295	44.34	nq	99
60) 4-Chlorophenyl-phenylether	10.53	204	258818	42.22	nq	92
61) 4-Nitroaniline	10.55	138	143039	39.99	nq	# 45
62) Azobenzene	10.67	77	556425	42.97	nq	87
64) 4,6-Dinitro-2-methylphenol	10.57	198	81046	46.25	nq	96
65) n-Nitrosodiphenylamine	10.64	169	488993	41.49	nq	91
66) 4-Bromophenyl-phenylether	11.02	248	168883	43.00	nq	# 83
67) Hexachlorobenzene	11.07	284	199953	45.11	nq	# 82
68) Atrazine	11.17	200	161729	44.23	nq	83
69) Pentachlorophenol	11.27	266	223618	88.55	nq	99
70) Phenanthrene	11.50	178	865632	46.23	nq	97
71) Anthracene	11.54	178	859709	43.43	nq	97
72) Carbazole	11.70	167	823401	45.96	nq	96
73) Di-n-butylphthalate	12.02	149	845634	46.38	nq	# 98
74) Fluoranthene	12.69	202	908437	43.54	nq	86
76) Benzidine	12.81	184	241551	22.20	nq	98
77) Pyrene	12.92	202	954666	44.25	nq	96
79) Butylbenzylphthalate	13.53	149	378157	46.58	nq	96
80) Benzo(a)anthracene	14.10	228	826563	42.51	nq	96
81) 3,3'-Dichlorobenzidine	14.07	252	152167	23.17	nq	# 93
82) Chrysene	14.14	228	763739m	45.01	nq	
83) Bis(2-ethylhexyl)phthalate	14.08	149	465767	45.74	nq	# 90
84) Di-n-octyl phthalate	14.70	149	748295	45.15	nq	# 92
85) Indeno(1,2,3-cd)pyrene	17.05	276	660048	43.39	nq	# 86
87) Benzo(b)fluoranthene	15.16	252	779054	45.87	nq	# 85
88) Benzo(k)fluoranthene	15.18	252	689696m	44.31	nq	
89) Benzo(a)pyrene	15.52	252	683232	46.38	nq	# 86
90) Dibenzo(a,h)anthracene	17.06	278	536972	43.44	nq	# 82
91) Benzo(g,h,i)perylene	17.50	276	549187	43.36	nq	# 73

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



#1

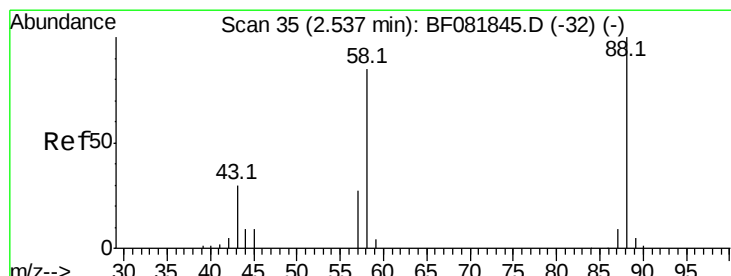
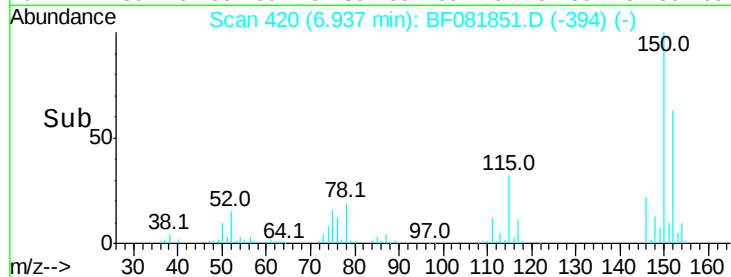
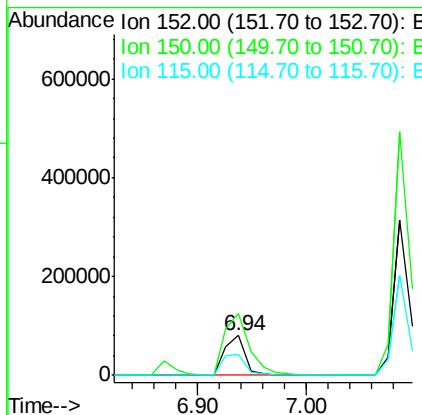
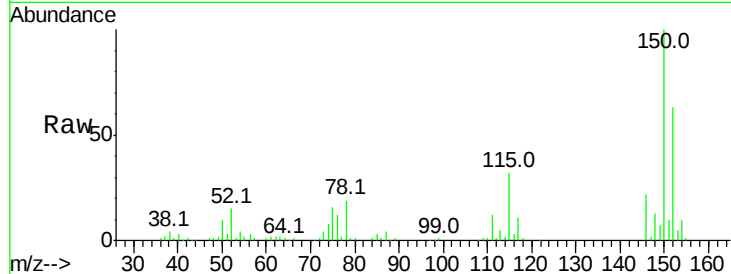
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.7	187.1
115	51.3	39.0	58.4

Manual Integrations
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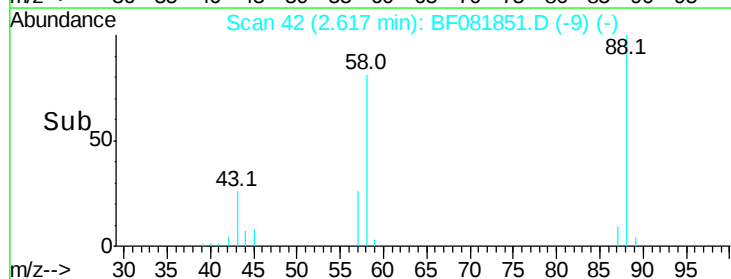
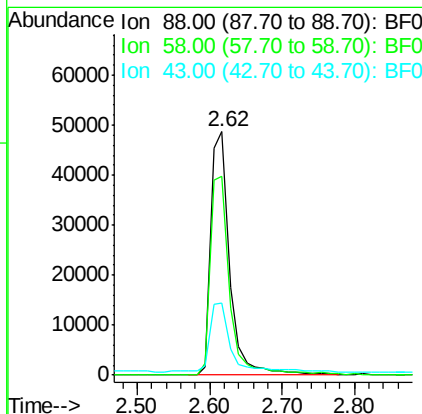
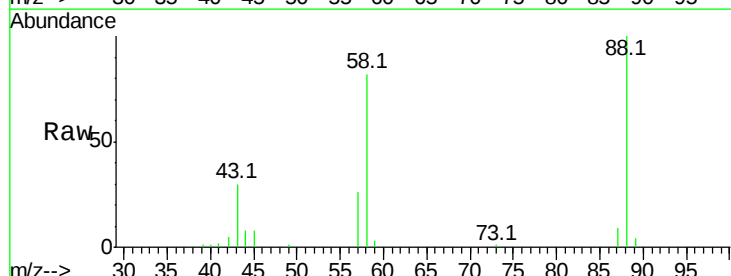
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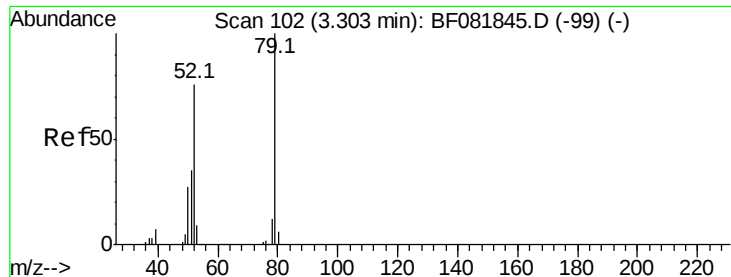


#2

1,4-Dioxane
Concen: 34.34 ng
RT: 2.62 min Scan# 42
Delta R.T. 0.08 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.6	77.7	116.5
43	31.9	26.6	40.0





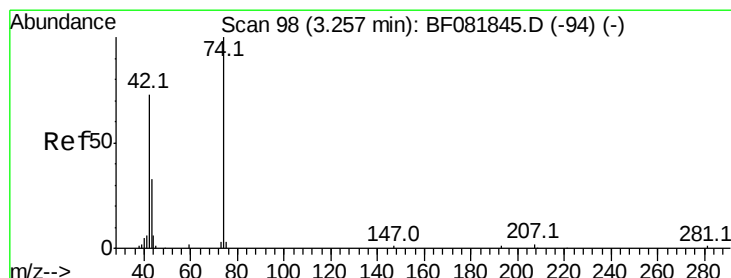
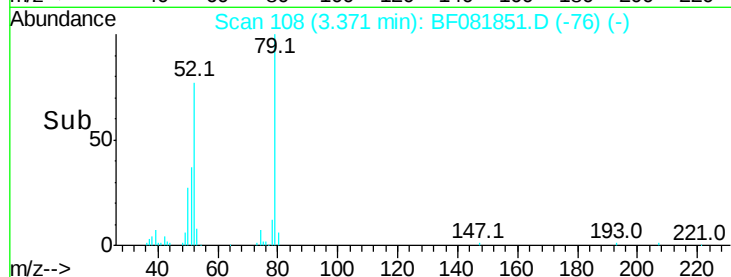
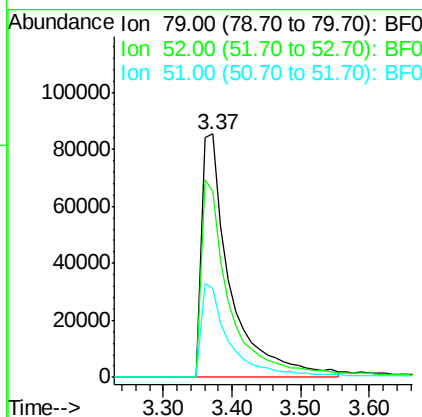
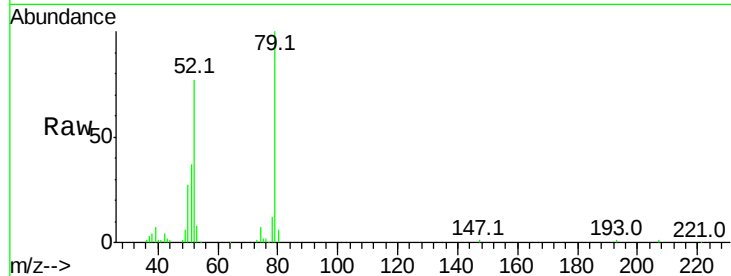
#3
Pvridine
Concen: 37.11 ng
RT: 3.37 min Scan# 108
Delta R.T. 0.07 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion: 79 Resp: 247997
Ion Ratio Lower Upper
79 100
52 76.6 76.8 115.2#
51 36.7 32.2 48.4

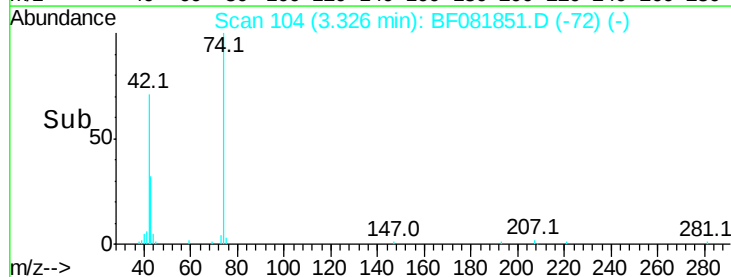
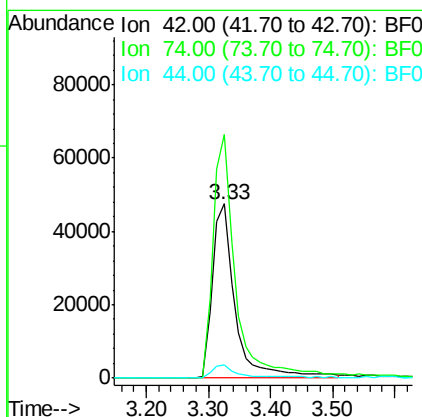
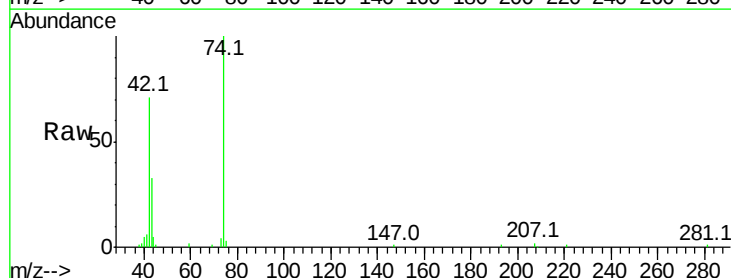
Manual Integrations
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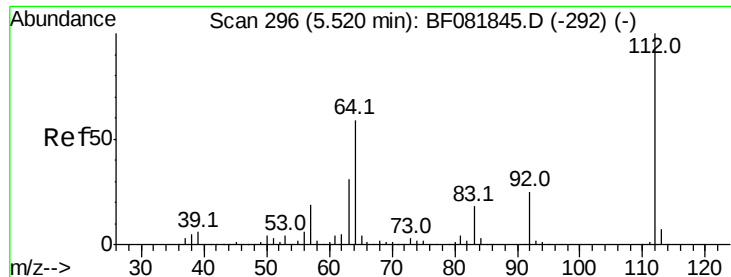
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#4
n-Nitrosodimethylamine
Concen: 39.43 ng
RT: 3.33 min Scan# 104
Delta R.T. 0.07 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion: 42 Resp: 119668
Ion Ratio Lower Upper
42 100
74 139.9 105.0 157.6
44 7.4 6.6 10.0





#5

2-Fluorophenol

Concen: 85.62 ng

RT: 5.53 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

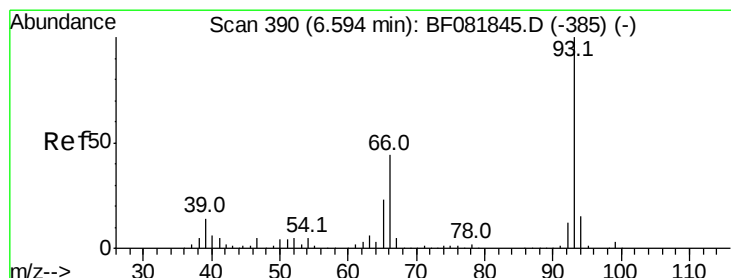
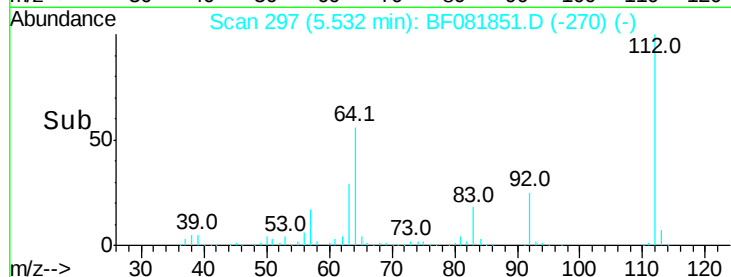
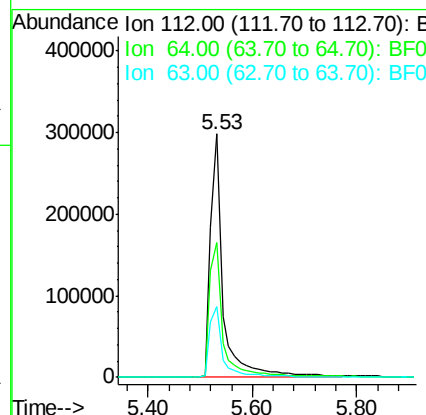
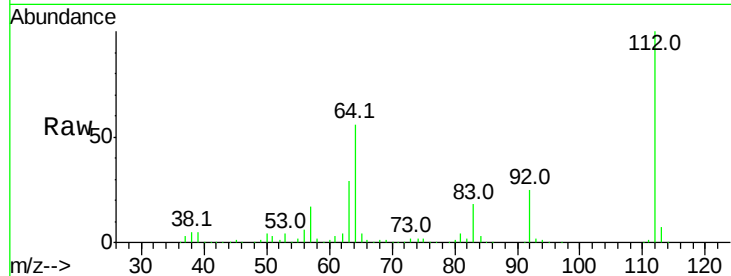
ClientSampleId :

PB85617BSD

Tot Ion:	112	Resp:	505306
Ion Ratio	Lower	Upper	
112	100		
64	55.5	39.7	59.5
63	29.0	17.4	26.0#

Manual Integrations
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#6

Aniline

Concen: 23.64 ng

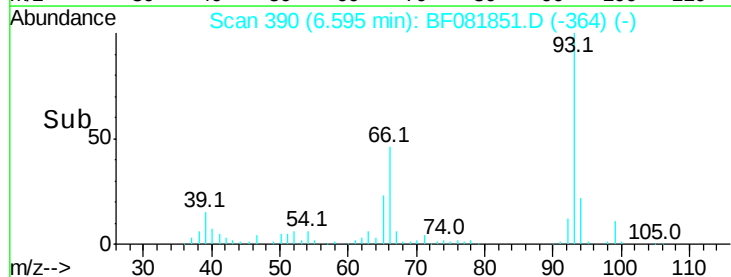
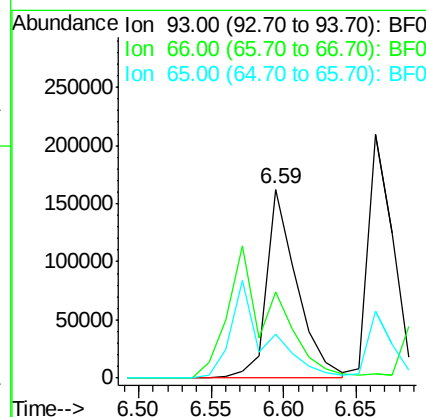
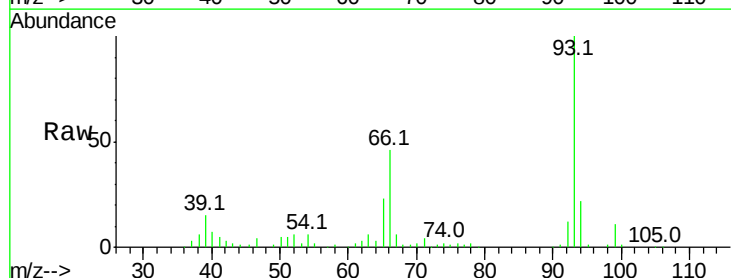
RT: 6.59 min Scan# 390

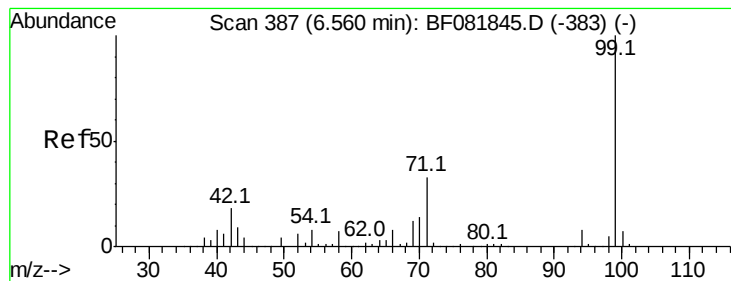
Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Tgt Ion:	93	Resp:	235866
Ion Ratio	Lower	Upper	
93	100		
66	45.6	27.2	40.8#
65	23.5	14.7	22.1#





#7

Phenol-d6

Concen: 85.28 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

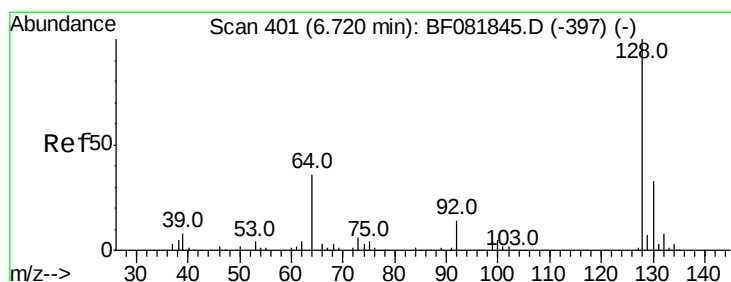
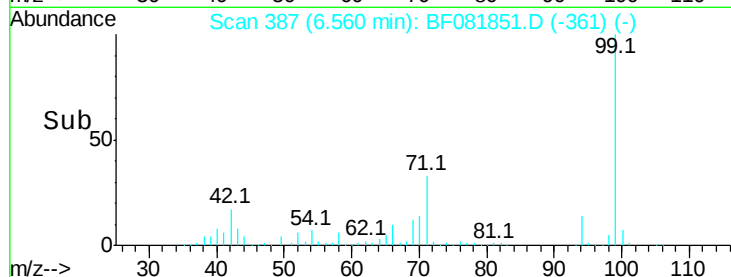
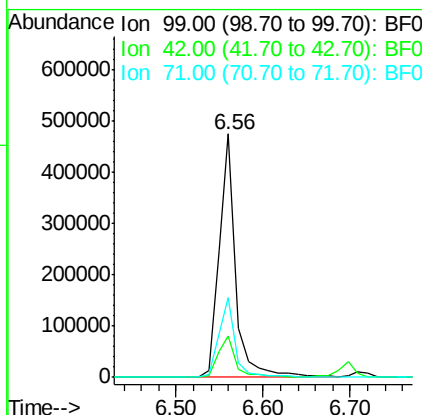
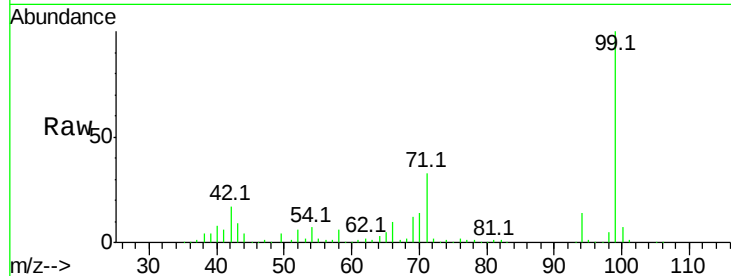
ClientSampleId :

PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	633364		
42	16.9		13.7	20.5
71	32.6		14.2	21.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.66 ng

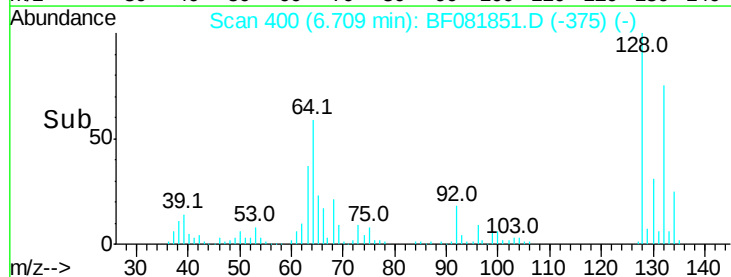
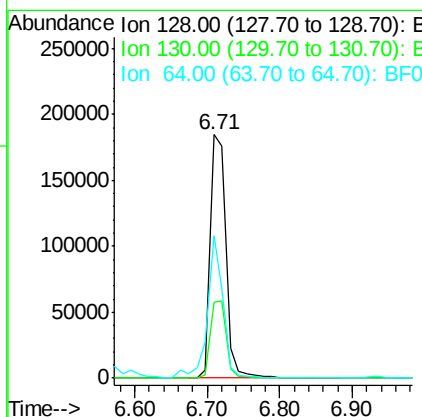
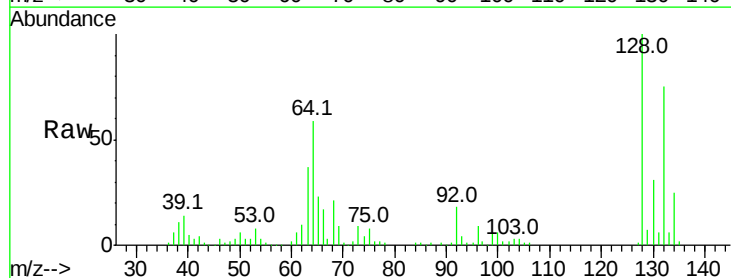
RT: 6.71 min Scan# 400

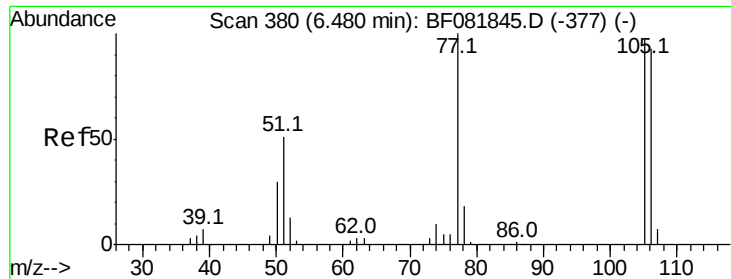
Delta R.T. -0.01 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	278054		
130	31.3		12.2	52.2
64	58.5		20.5	60.5





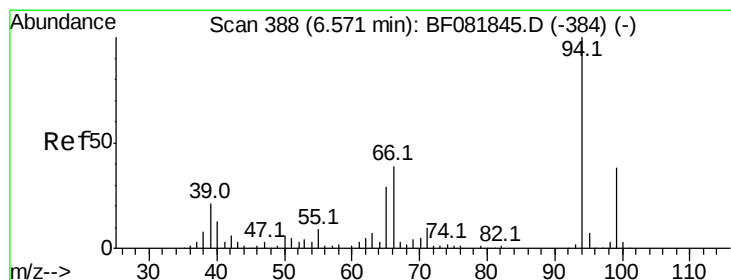
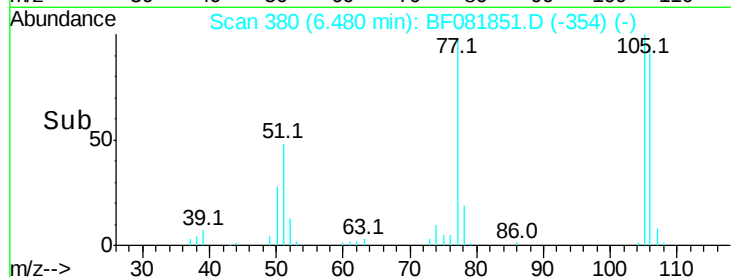
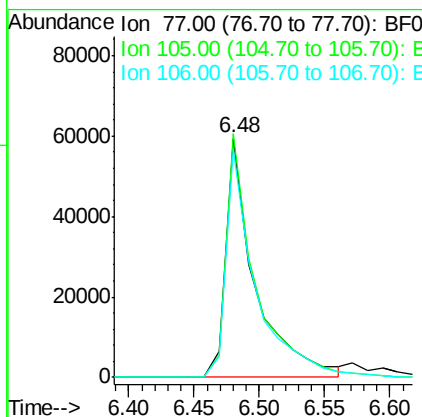
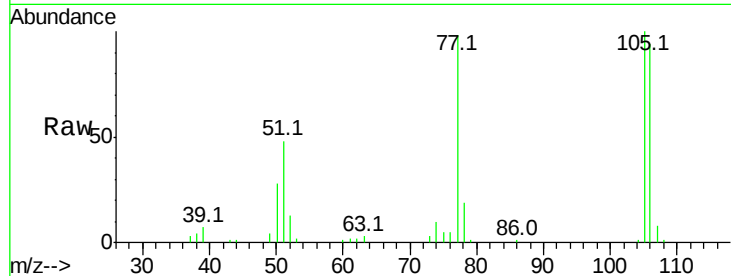
#9
Benzaldehyde
Concen: 19.16 ng
RT: 6.48 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.0	91.6	131.6
106	95.6	102.6	142.6

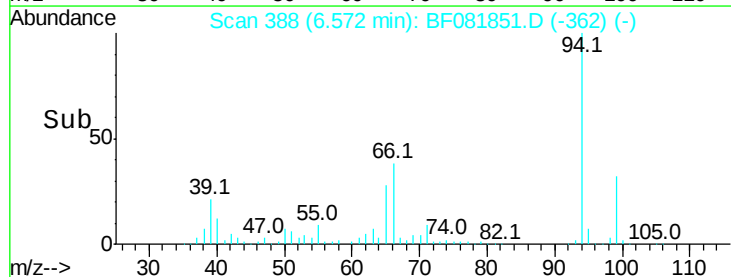
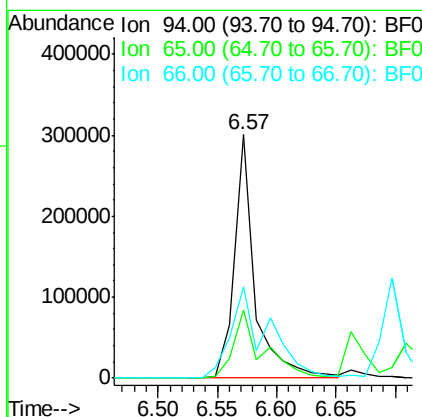
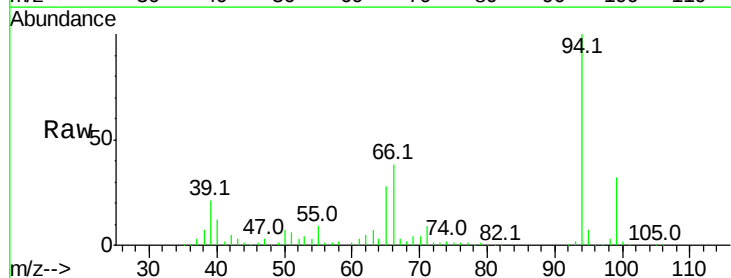
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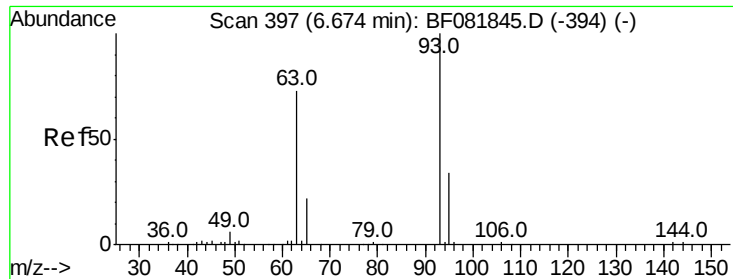
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#10
Phenol
Concen: 43.41 ng
RT: 6.57 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	0.7	40.7
66	37.8	0.8	40.8





#11

bis(2-Chloroethyl)ether

Concen: 41.33 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

ClientSampleId :

PB85617BSD

Tot Ion: 93 Resp: 267023

Ion Ratio Lower Upper

93 100

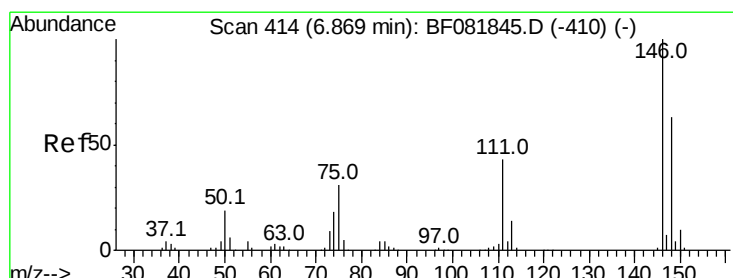
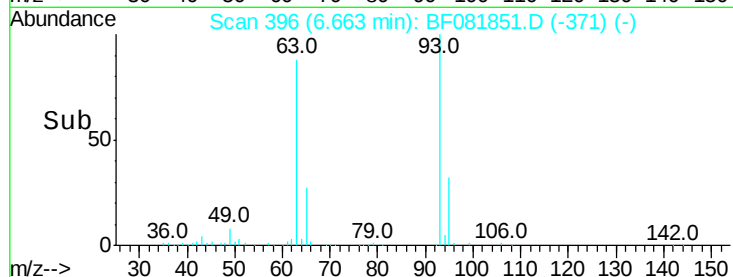
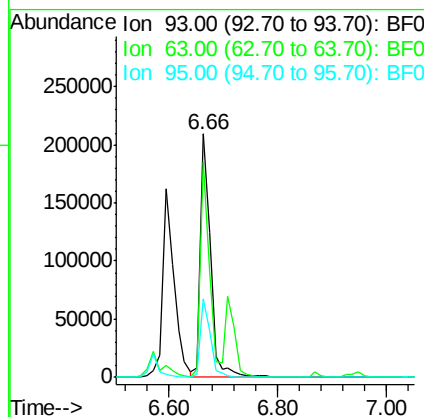
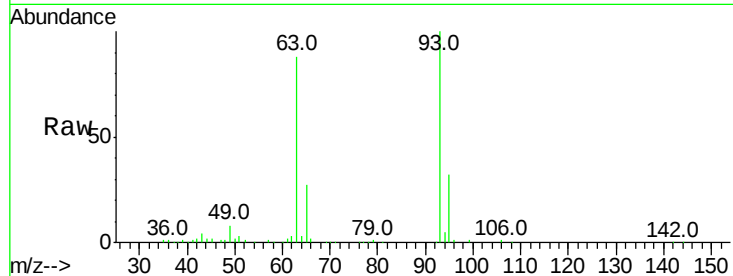
63 88.3 65.6 105.6

95 32.5 13.6 53.6

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#12

1,3-Dichlorobenzene

Concen: 40.26 ng

RT: 6.87 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

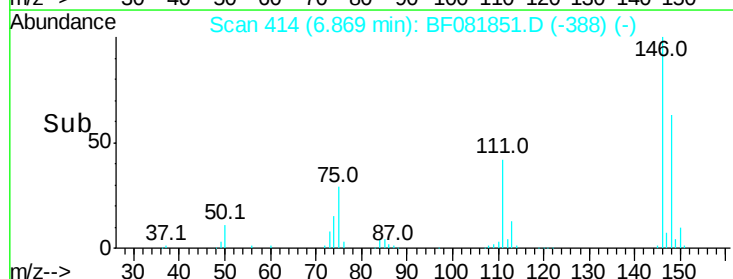
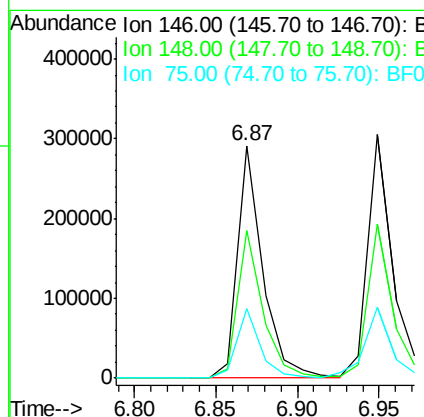
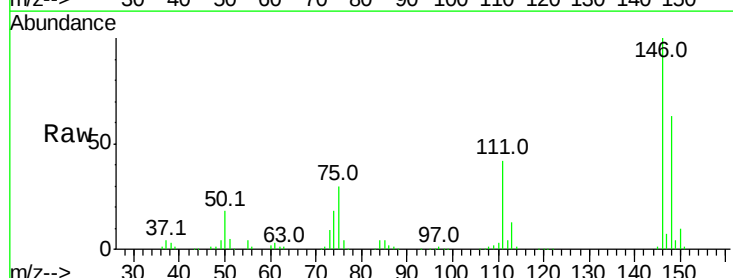
Tgt Ion: 146 Resp: 309983

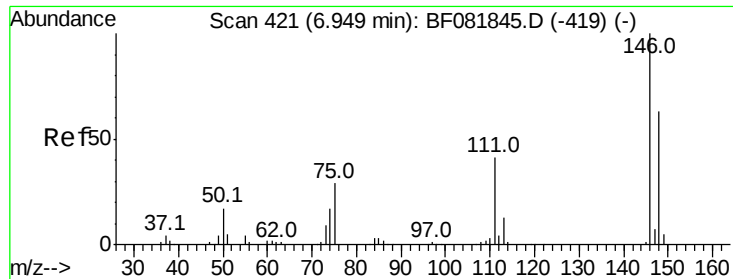
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

75 30.0 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 40.95 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

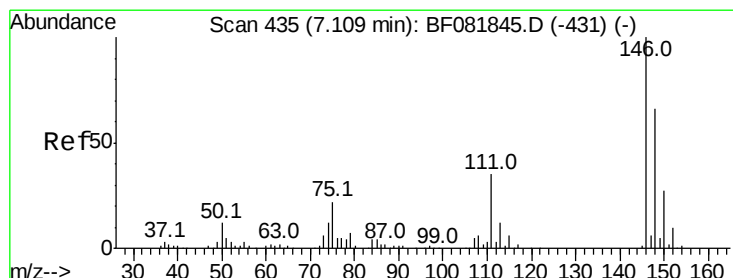
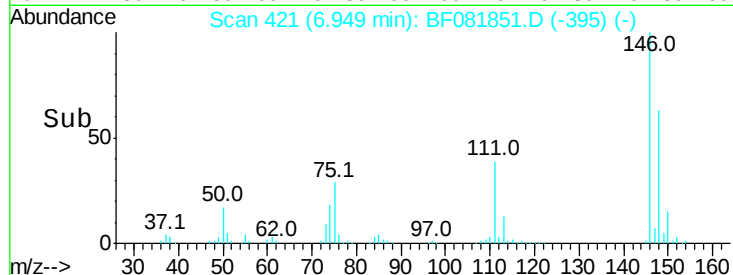
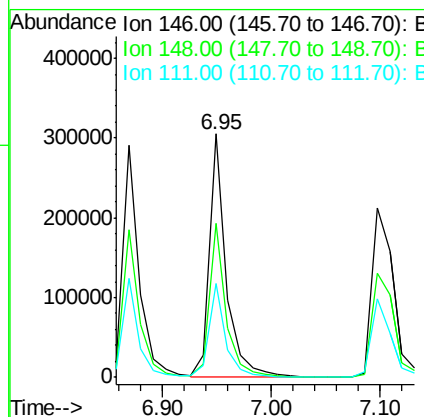
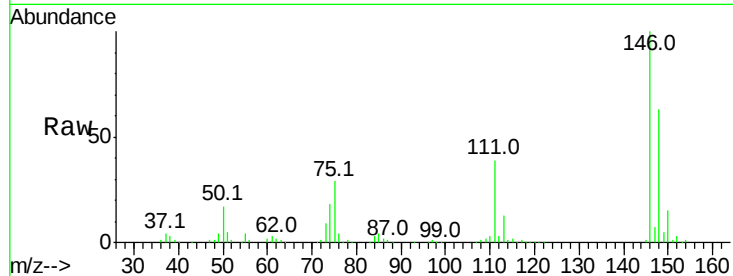
ClientSampleId :

PB85617BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
111	38.8	24.9	37.3

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#14

1,2-Dichlorobenzene

Concen: 40.78 ng m

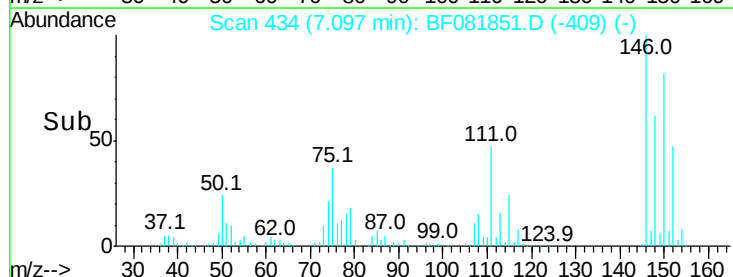
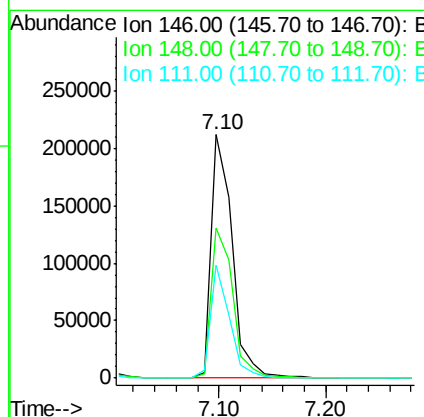
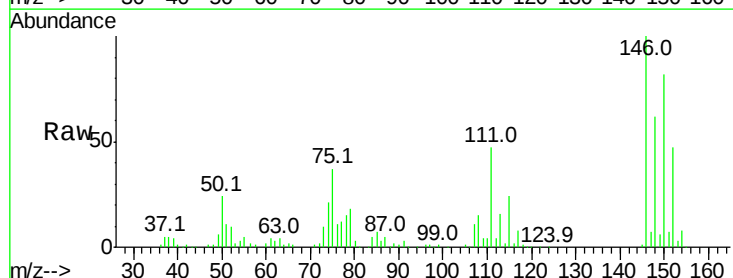
RT: 7.10 min Scan# 434

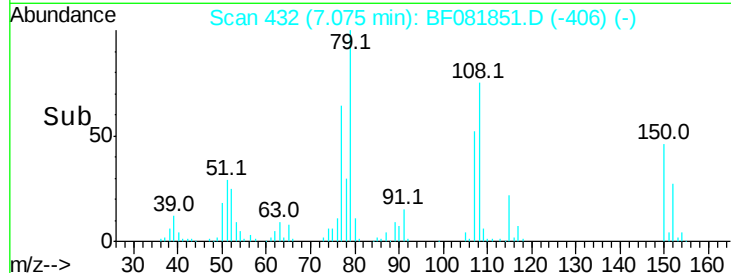
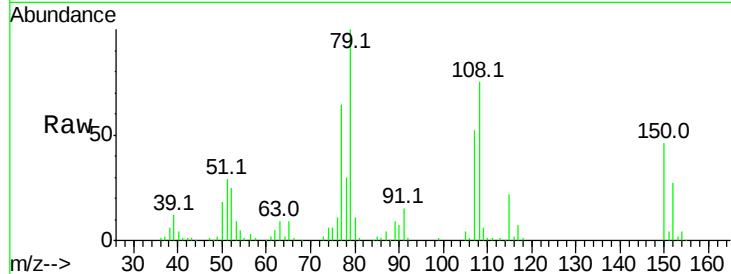
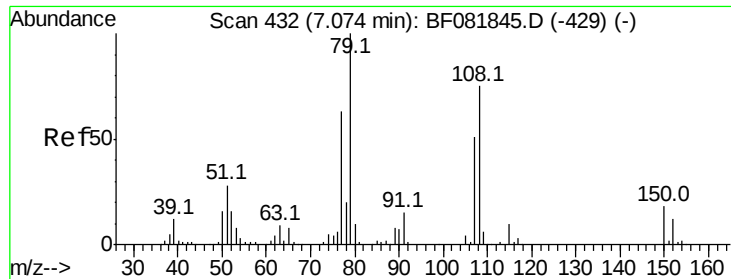
Delta R.T. -0.01 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.7	79.1
111	46.7	28.8	43.2





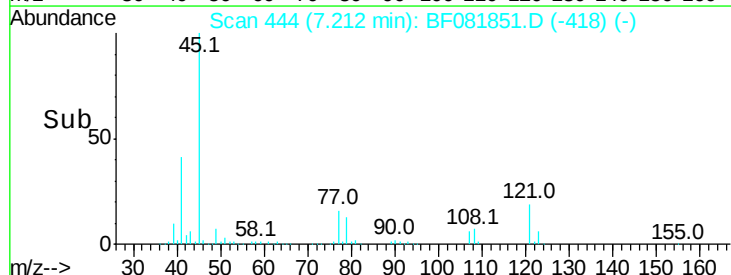
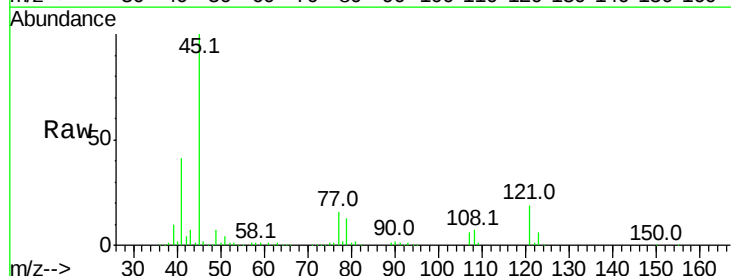
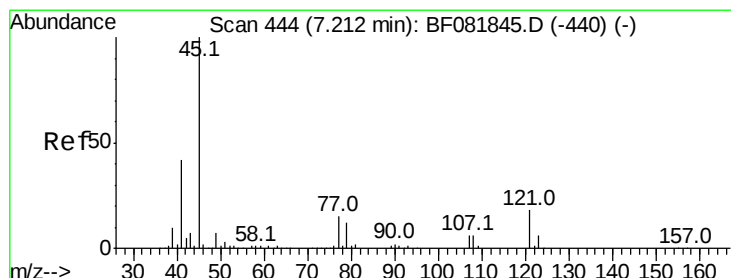
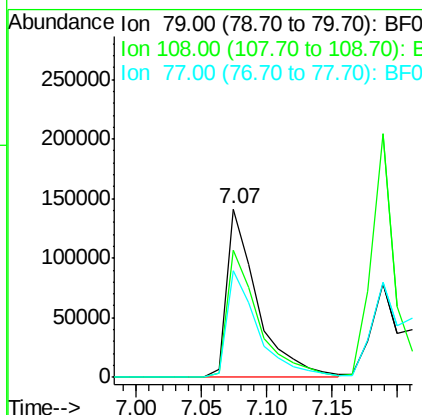
#15
Benzvl Alcohol
Concen: 42.90 ng
RT: 7.07 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tot Ion: 79 Resp: 229961
Ion Ratio Lower Upper
79 100
108 75.5 88.6 132.8#
77 63.7 47.0 70.4

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

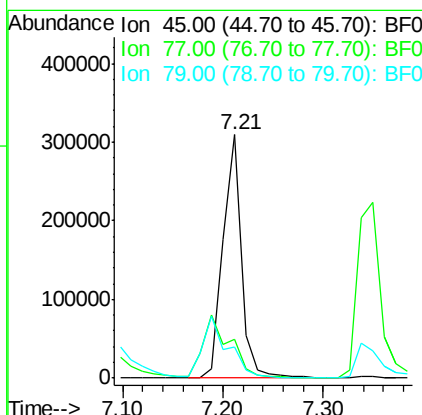
Manual Integrations
APPROVED

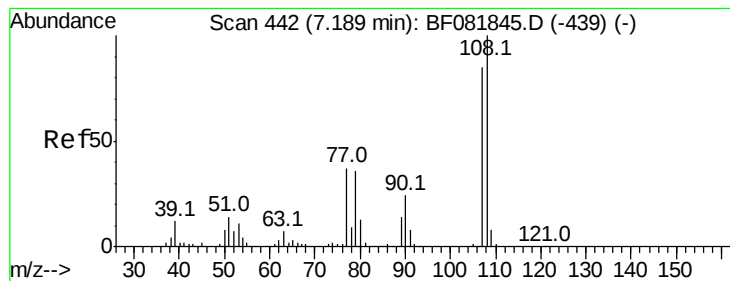
MMDadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.42 ng
RT: 7.21 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion: 45 Resp: 396556
Ion Ratio Lower Upper
45 100
77 16.1 0.0 28.1
79 12.9 0.0 26.0





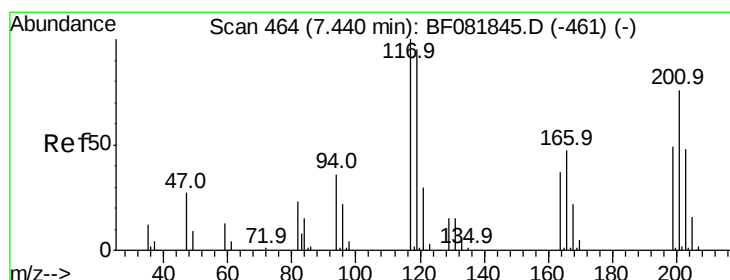
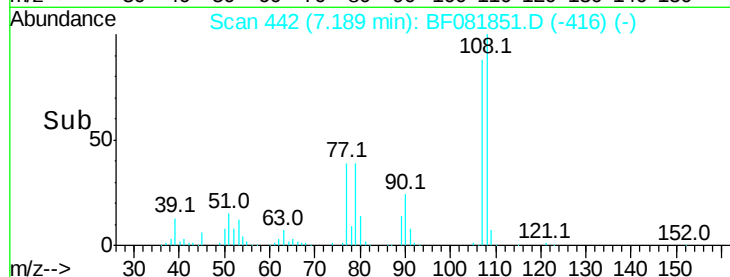
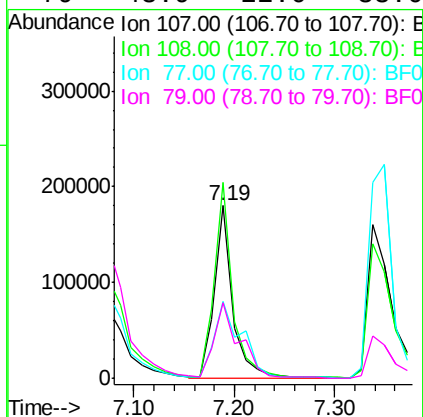
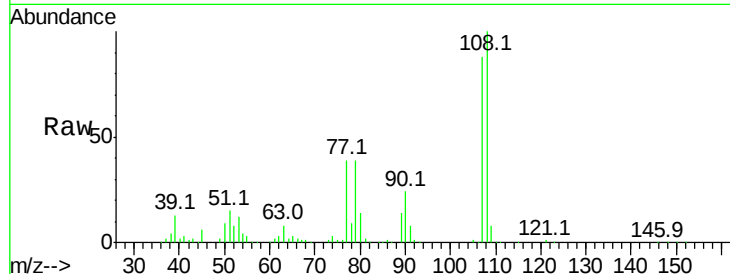
#17
2-Methylphenol
Concen: 42.78 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	226072		
108	113.5	96.6	145.0	
77	44.2	23.3	34.9#	
79	43.9	22.0	33.0#	

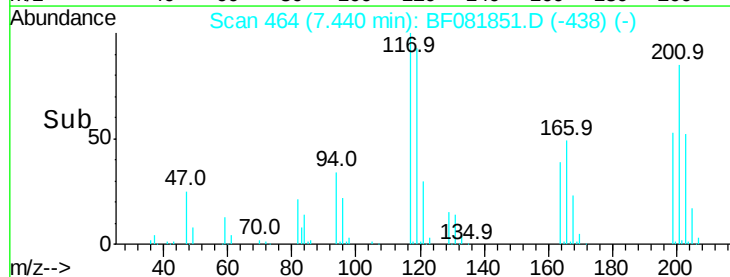
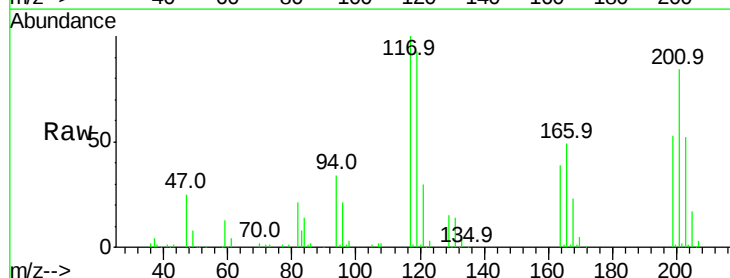
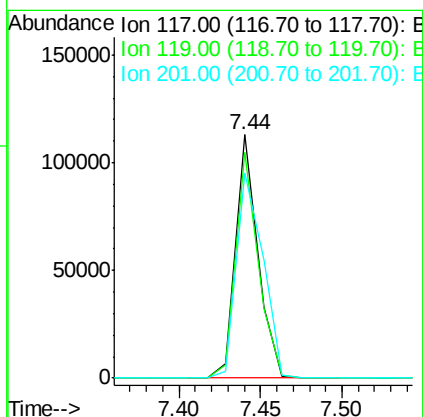
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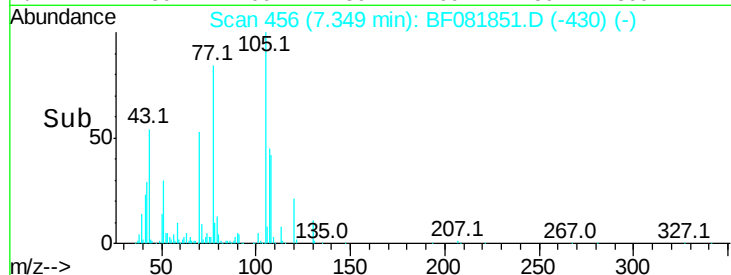
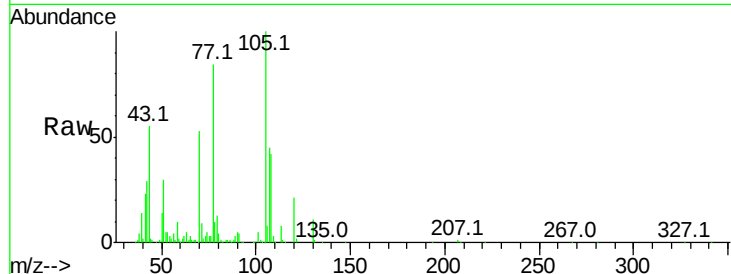
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#18
Hexachloroethane
Concen: 41.92 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	105503		
119	92.8	83.8	125.6	
201	84.2	55.1	82.7#	





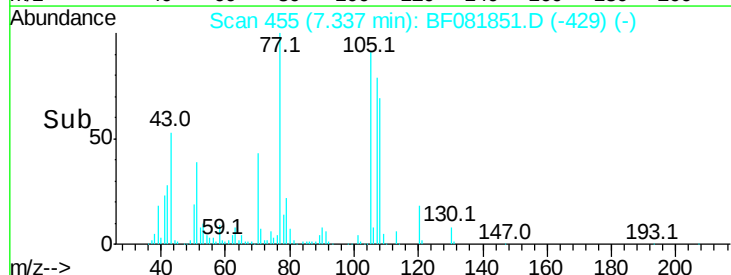
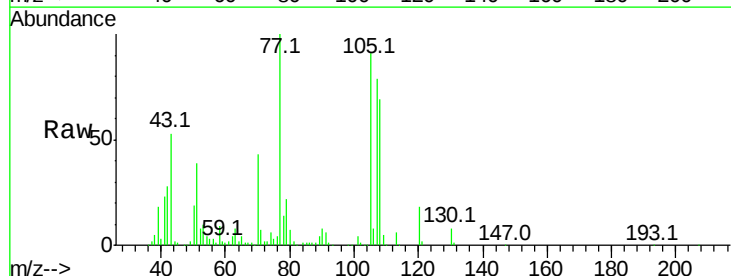
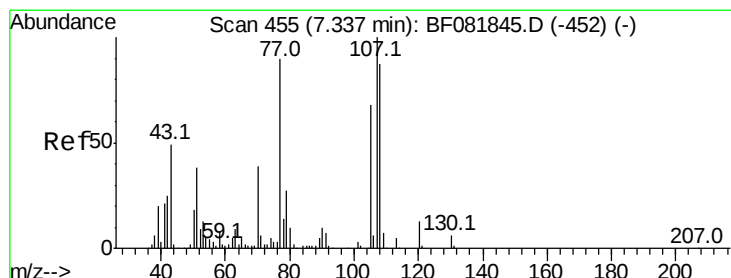
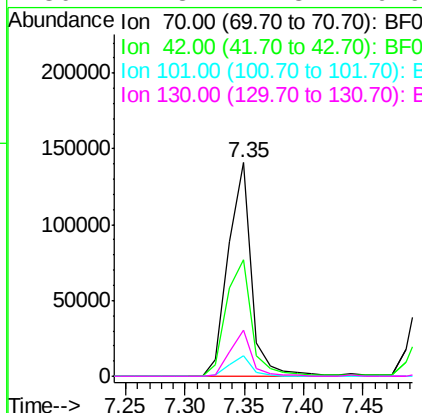
#19
n-Nitroso-di-n-propylamine
Concen: 42.48 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		191761		
42	54.8	63.8	95.6#		
101	9.6	9.2	13.8		
130	21.3	27.3	40.9#		

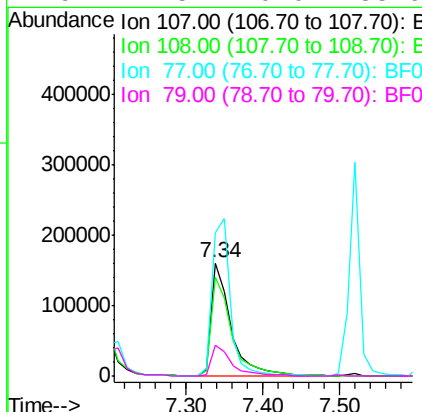
Manual Integrations
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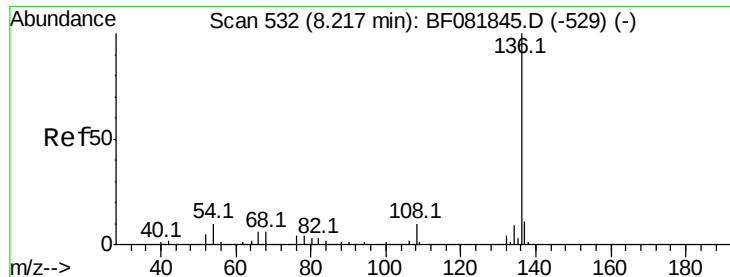
MMDadoda
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#20
3+4-Methylphenols
Concen: 42.41 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		283066		
108	87.2	74.6	114.6		
77	127.1	0.7	40.7#		
79	27.5	0.0	38.9		





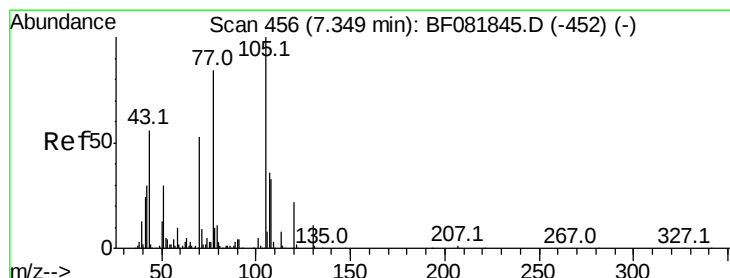
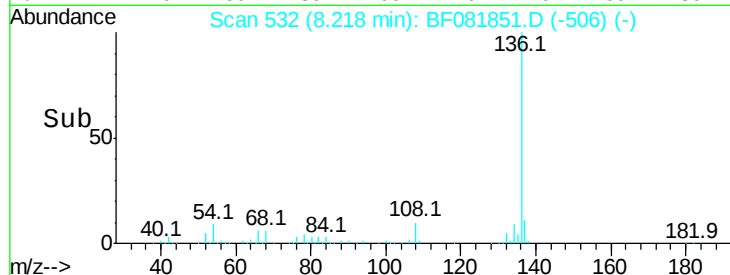
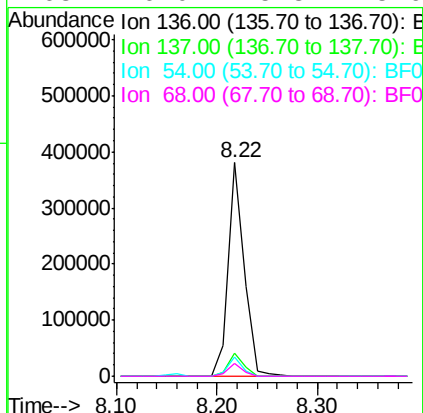
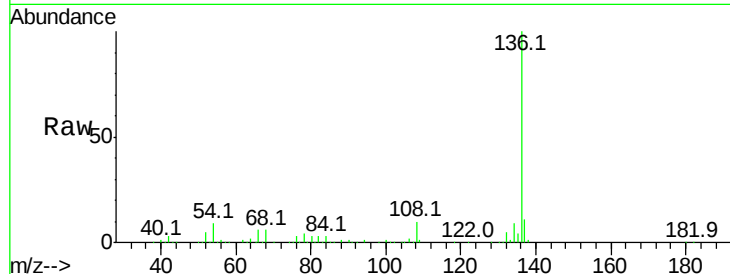
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.0	13.6	
54	9.1	8.2	12.2	
68	6.0	5.8	8.6	

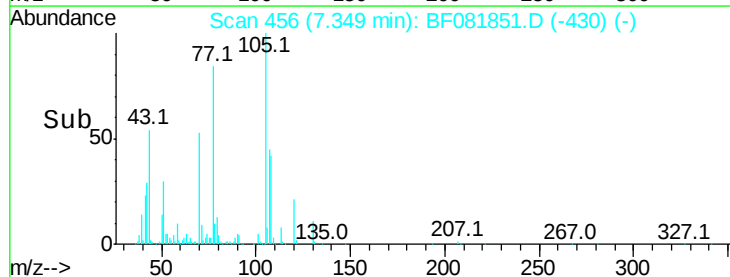
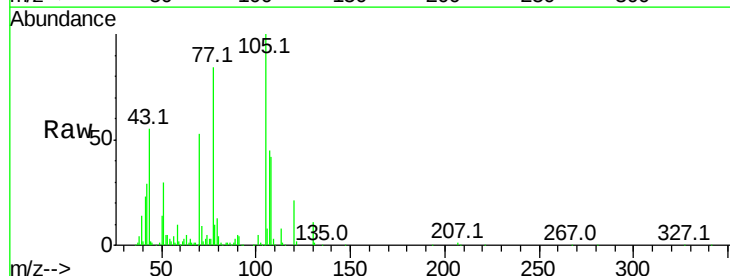
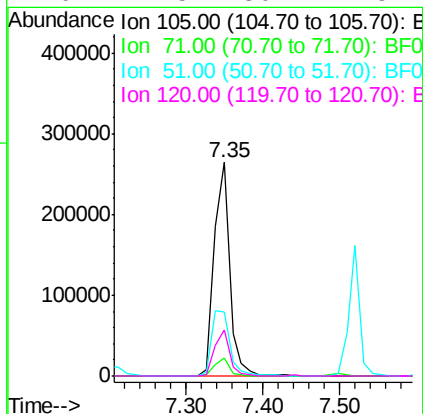
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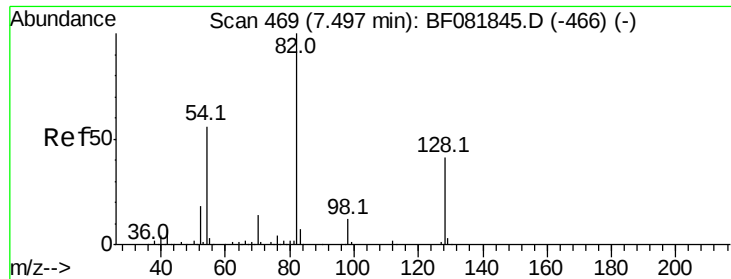
MMDadoda
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#22
Acetophenone
Concen: 42.97 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.6	4.7	7.1#	
51	29.8	22.0	33.0	
120	21.5	30.1	45.1#	





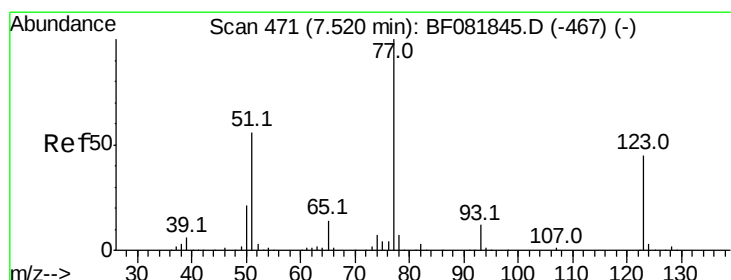
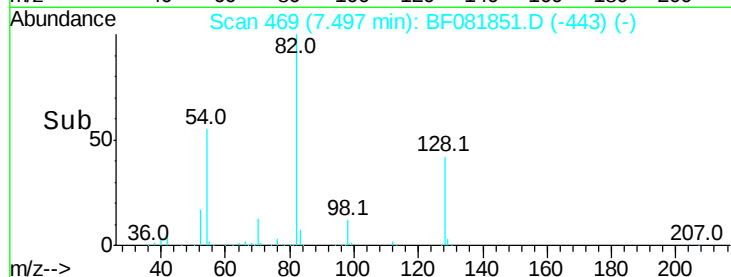
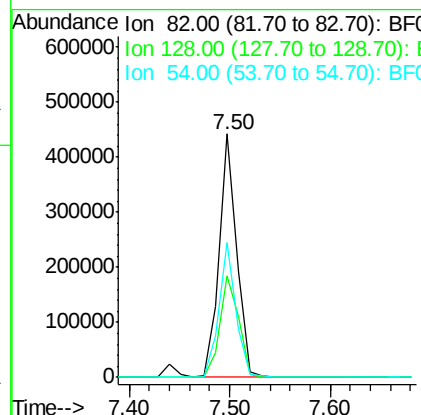
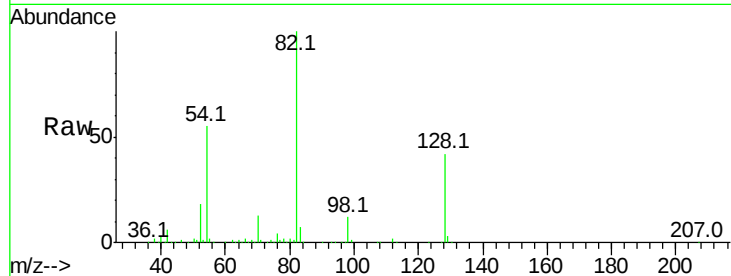
#23
 Nitrobenzene-d5
 Concen: 85.28 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	51.0	76.6#
54	55.2	47.5	71.3

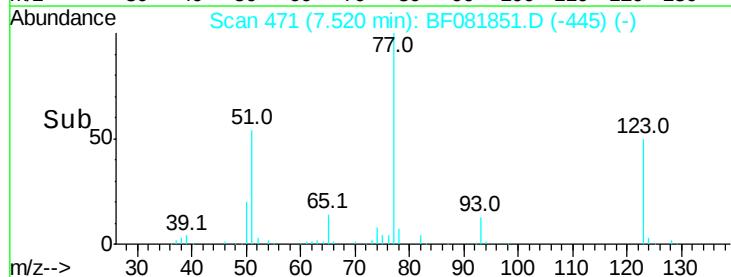
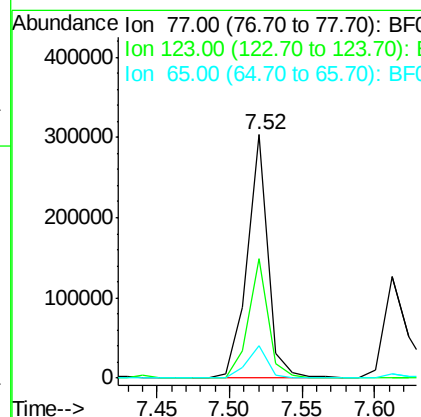
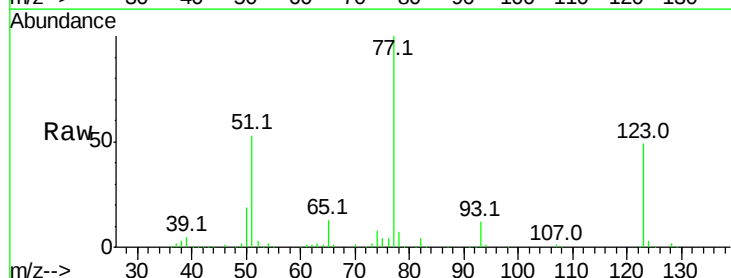
Manual Integrations
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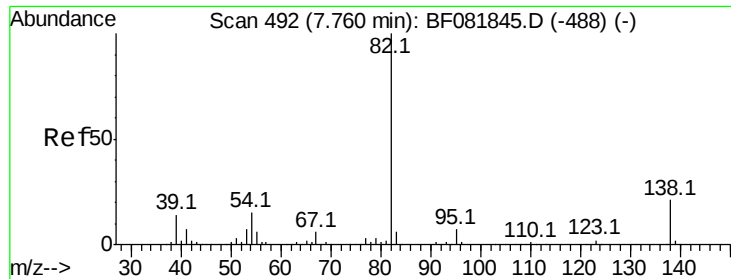
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#24
 Nitrobenzene
 Concen: 43.57 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	59.8	89.8#
65	13.4	10.2	15.4





#25

Isophorone

Concen: 41.35 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

ClientSampleId :

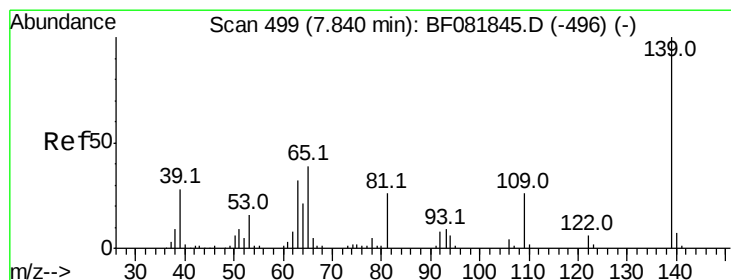
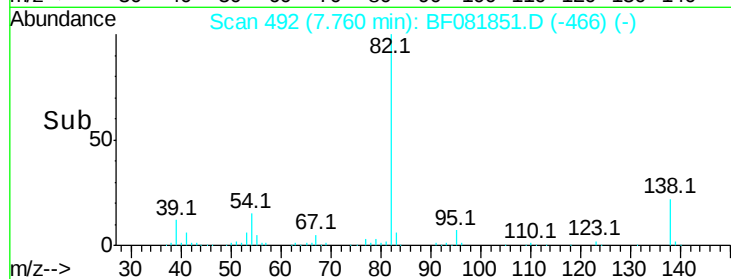
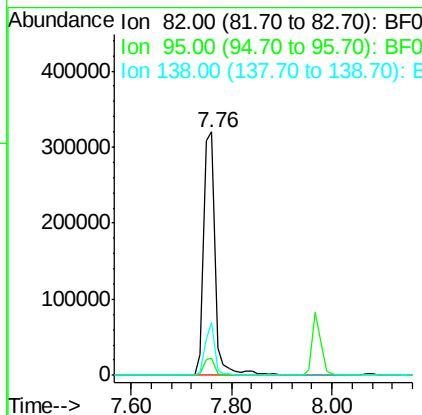
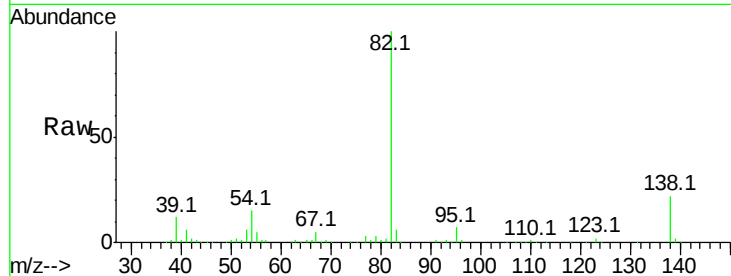
PB85617BSD

Tot Ion: 82 Resp: 516242

Ion	Ratio	Lower	Upper
82	100		
95	7.2	4.0	6.0#
138	21.6	18.3	27.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.98 ng

RT: 7.84 min Scan# 499

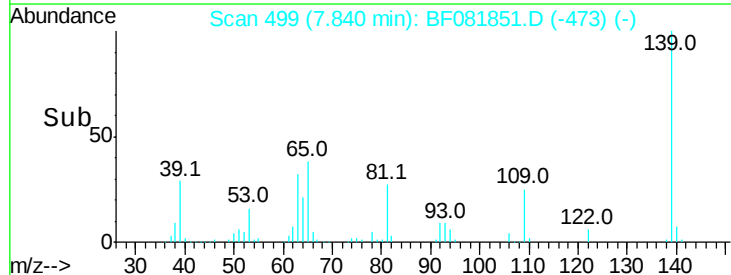
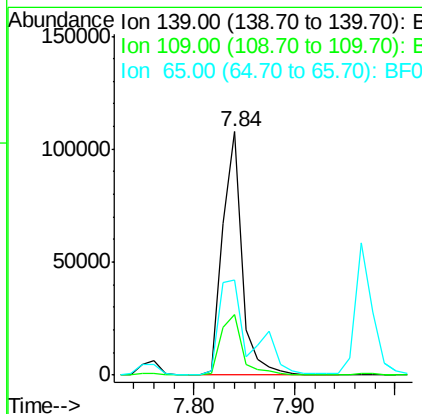
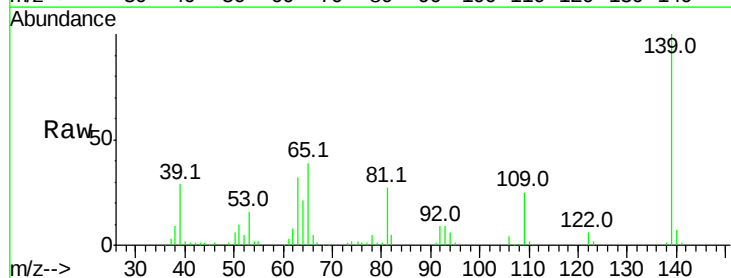
Delta R.T. 0.00 min

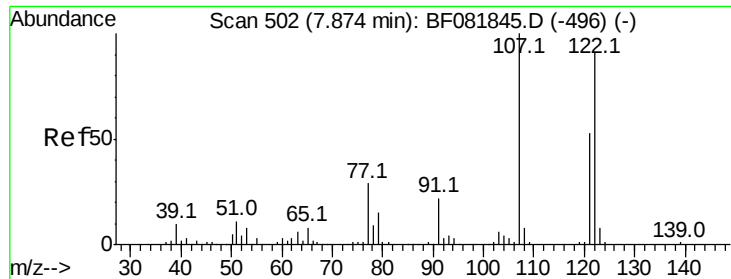
Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Tgt Ion: 139 Resp: 144386

Ion	Ratio	Lower	Upper
139	100		
109	24.7	11.0	16.4#
65	39.0	24.7	37.1#





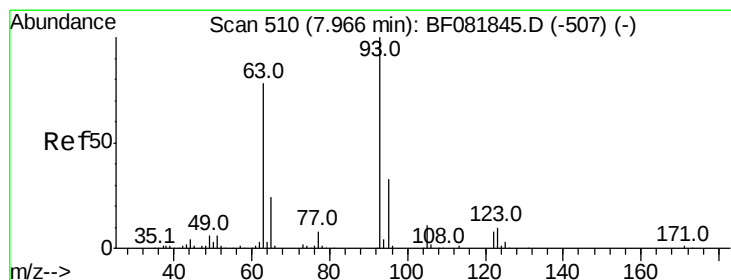
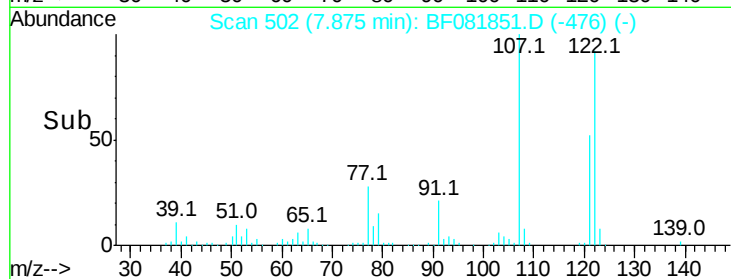
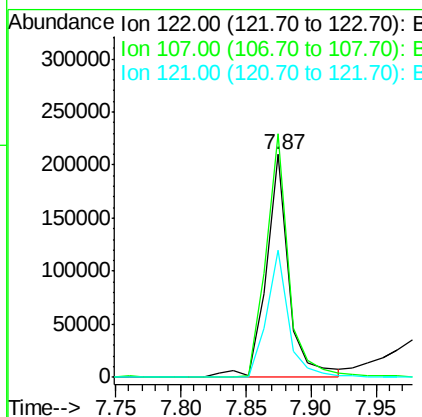
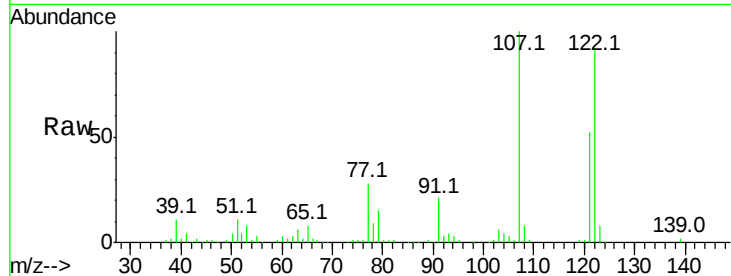
#27
2,4-Dimethylphenol
Concen: 44.67 ng
RT: 7.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	258019		
107	109.2	71.8	107.6#	
121	57.2	42.3	63.5	

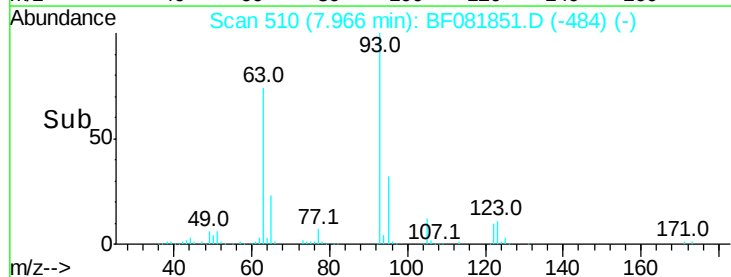
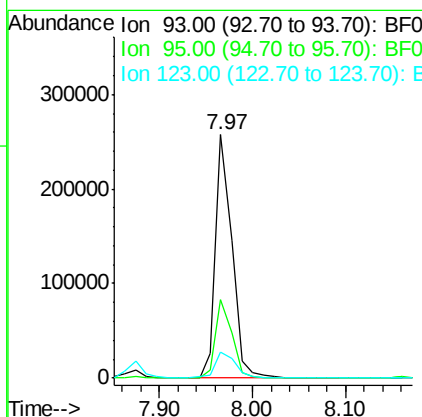
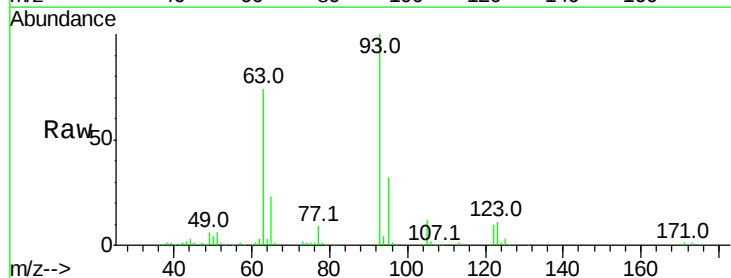
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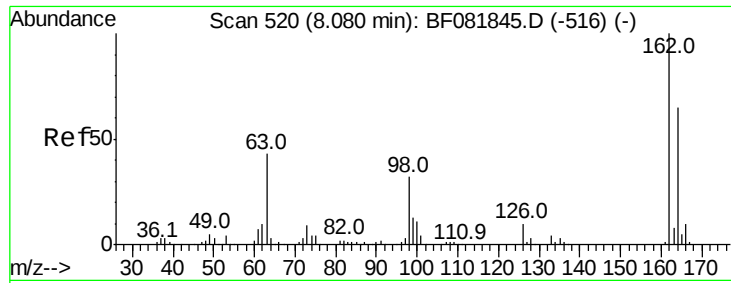
MMDadoda
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#28
bis(2-Chloroethoxy)methane
Concen: 42.44 ng
RT: 7.97 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	314683		
95	32.2	27.5	41.3	
123	10.8	13.7	20.5#	





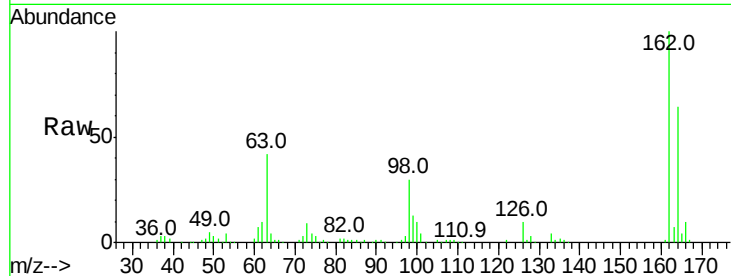
#29
2,4-Dichlorophenol
Concen: 44.51 ng
RT: 8.08 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

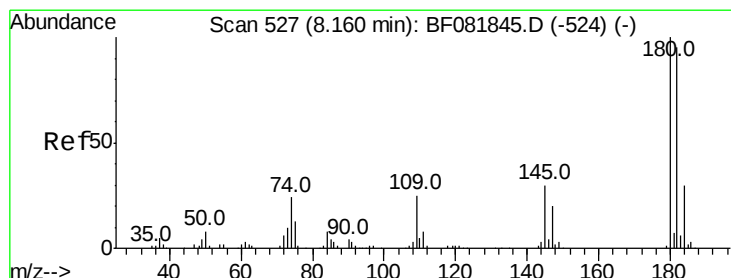
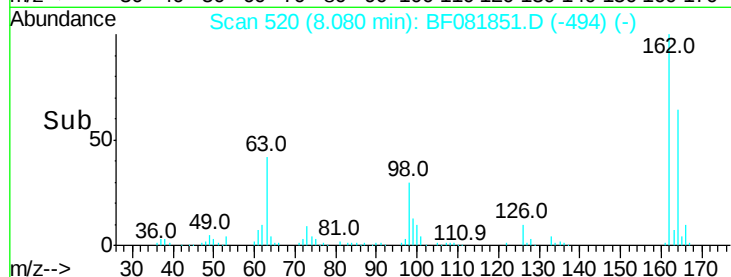
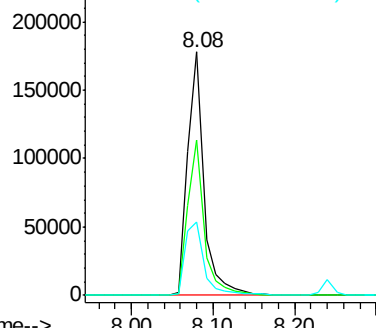
Tot Ion	Ratio	Resp	Lower	Upper
162	100	249265		
164	63.7		44.9	84.9
98	30.2		13.0	53.0

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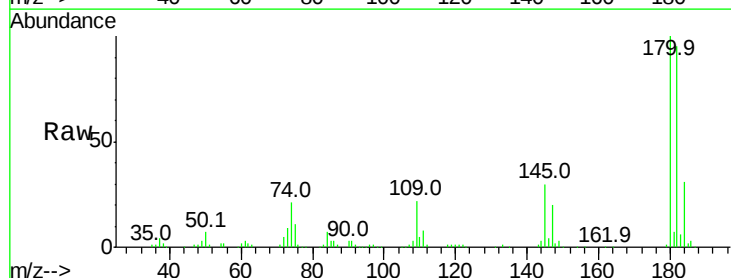


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

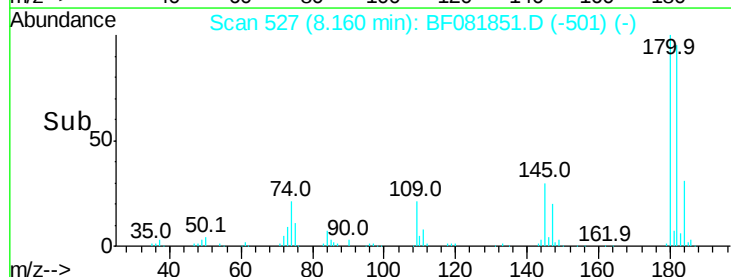
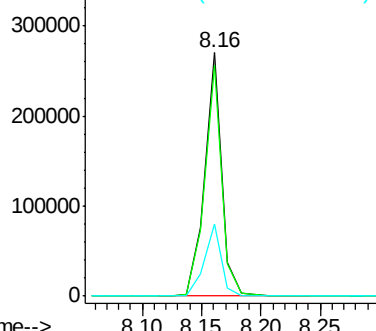


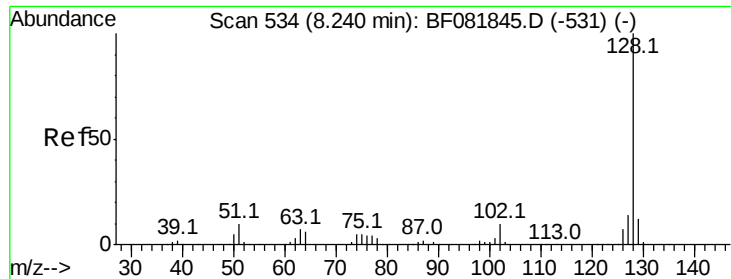
#30
1,2,4-Trichlorobenzene
Concen: 42.94 ng
RT: 8.16 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	268510		
182	95.0		77.1	115.7
145	29.6		23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





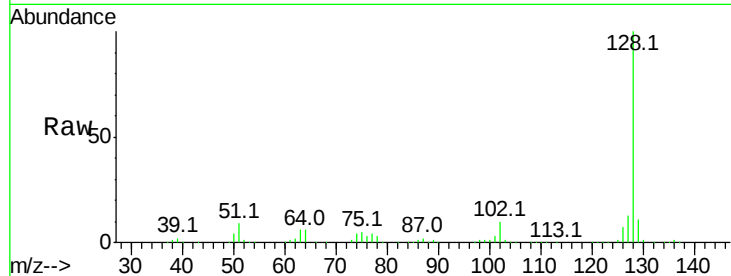
#31
Naphthalene
Concen: 41.39 ng/mL
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleID :
PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	770147		
129	11.4		8.4	12.6
127	13.4		9.9	14.9

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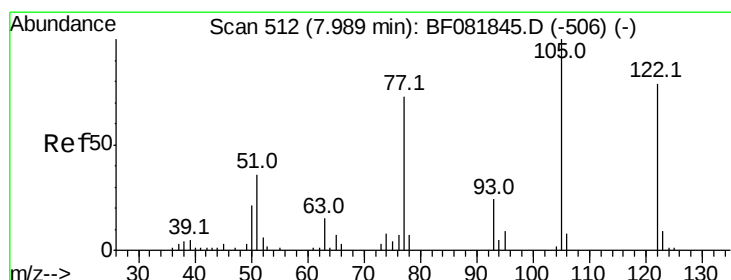
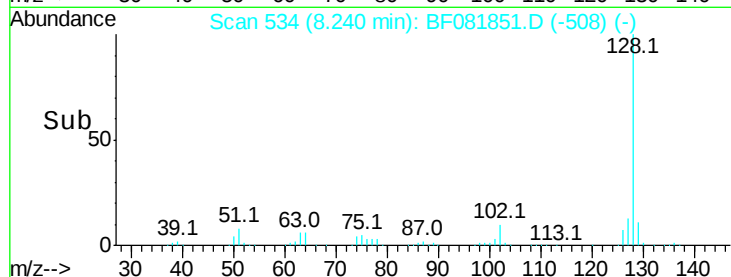
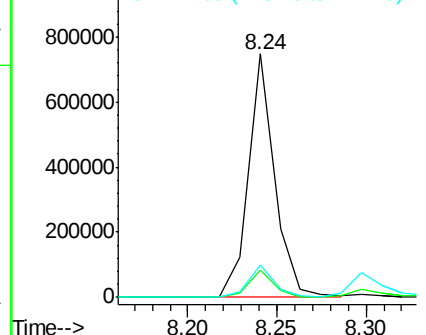


Abundance

Ion 128.00 (127.70 to 128.70): E

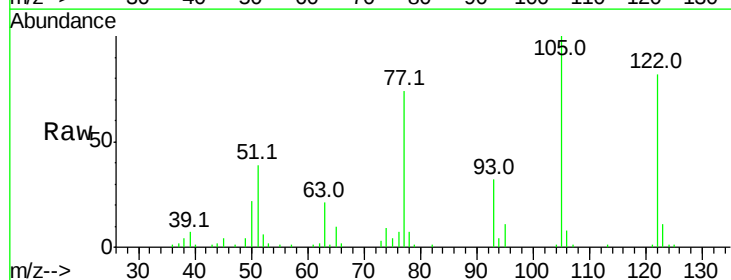
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.92 ng/mL
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	136963		
105	122.5		76.1	116.1#
77	90.5		40.5	80.5#

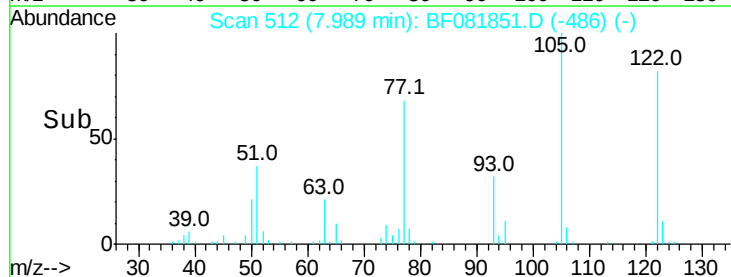
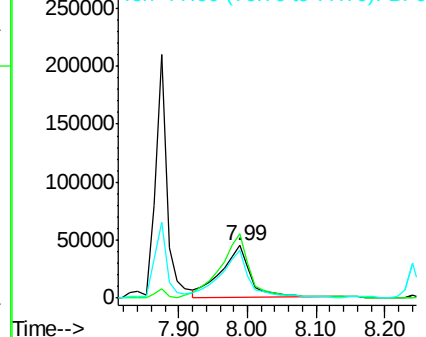


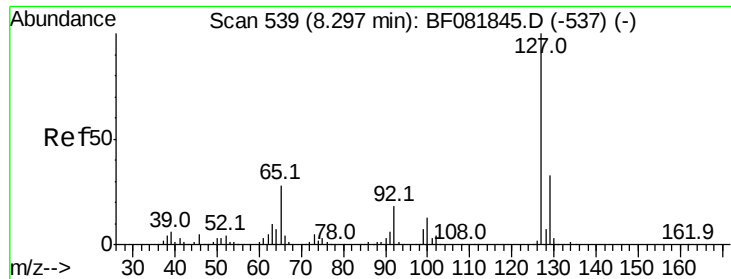
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





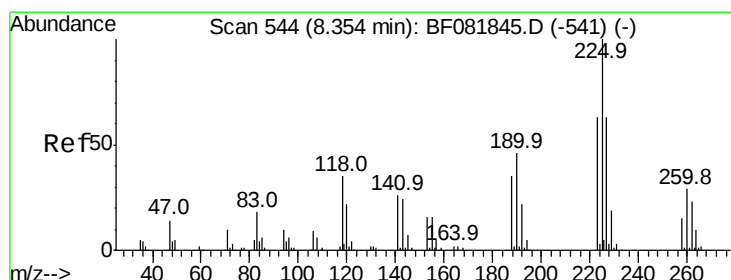
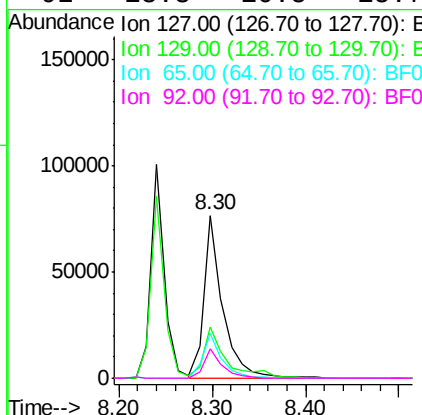
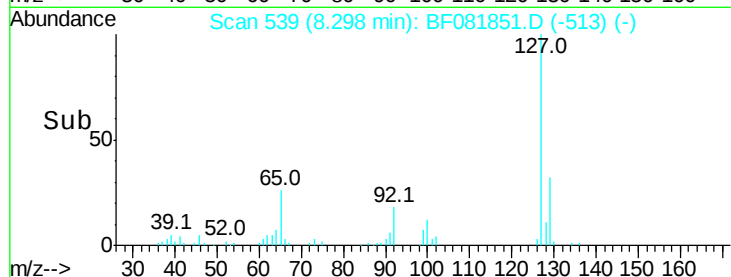
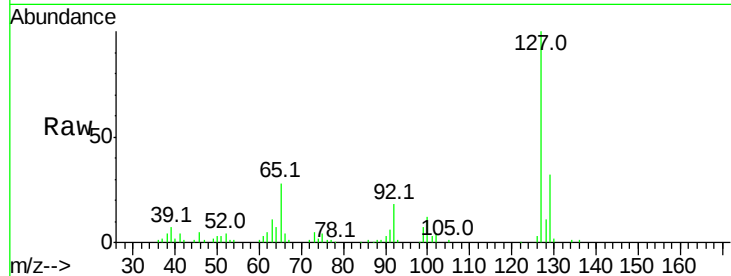
#33
4-Chloroaniline
Concen: 13.43 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.8	38.6	
65	27.9	17.9	26.9	
92	18.3	10.5	15.7	

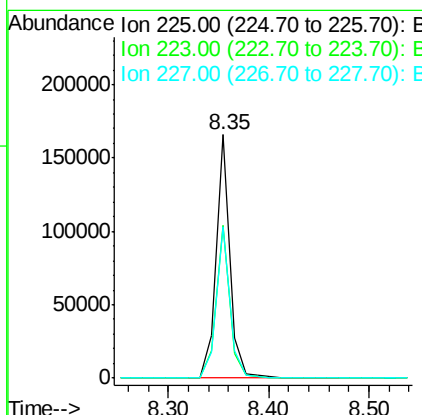
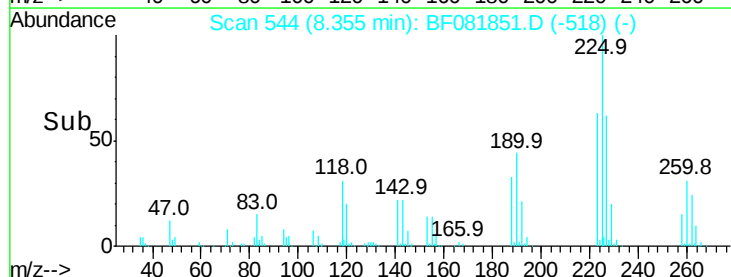
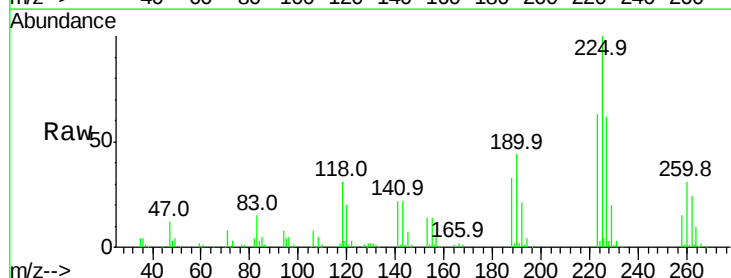
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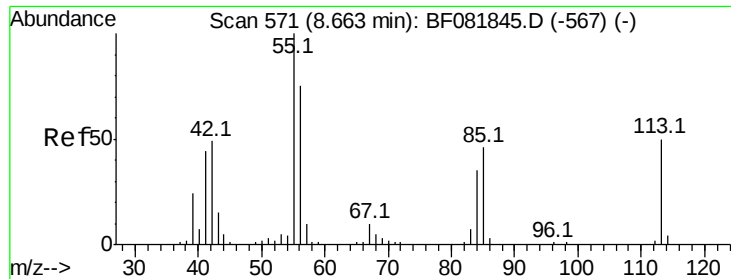
MMDadoda
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#34
Hexachlorobutadiene
Concen: 42.54 ng
RT: 8.35 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	50.2	75.2	
227	62.5	52.2	78.2	





#35

Caprolactam

Concen: 46.97 ng

RT: 8.66 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

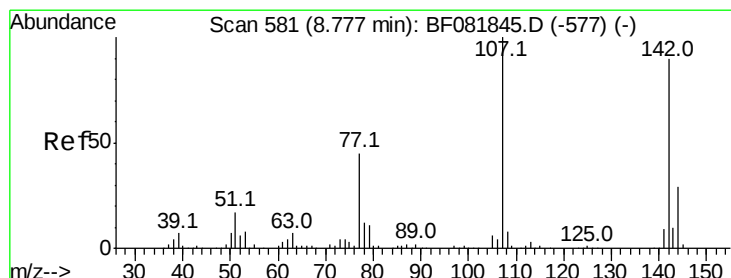
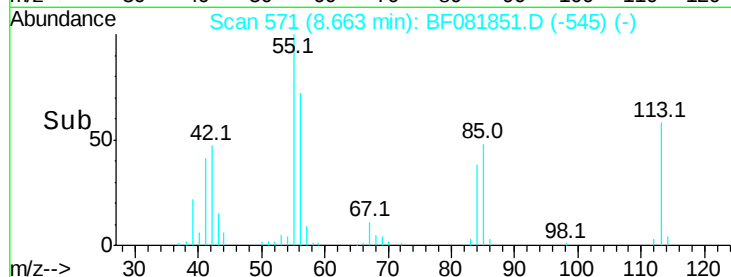
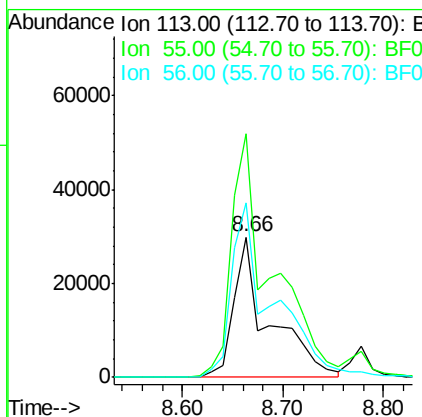
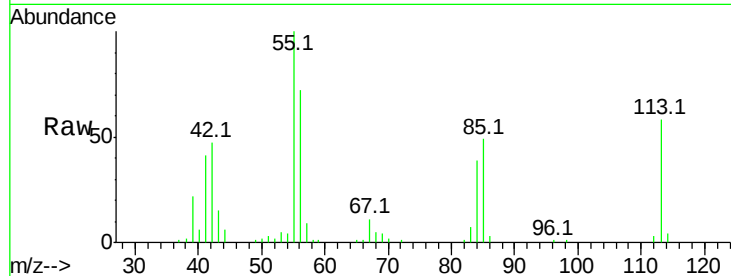
ClientSampleId :

PB85617BSD

Tot Ion:113 Resp: 72823
 Ion Ratio Lower Upper
 113 100
 55 173.3 152.4 192.4
 56 124.6 104.6 144.6

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#36

4-Chloro-3-methylphenol

Concen: 45.99 ng

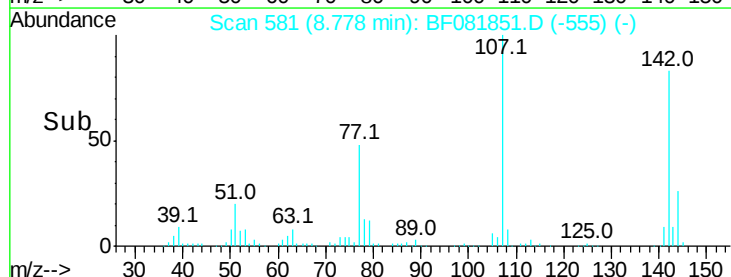
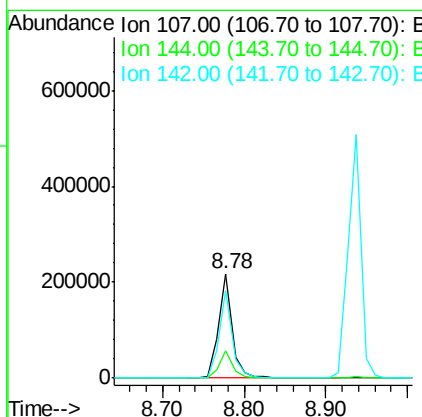
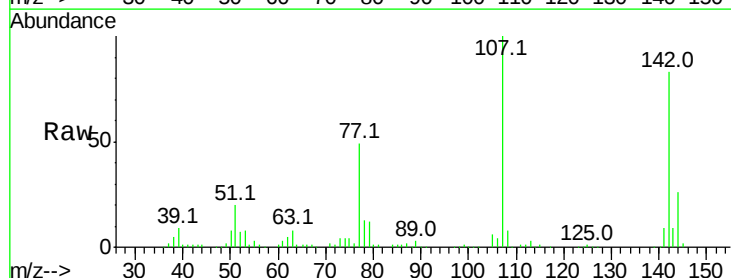
RT: 8.78 min Scan# 581

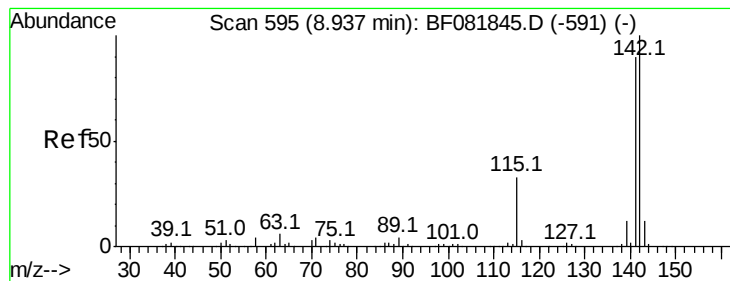
Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Tgt Ion:107 Resp: 251844
 Ion Ratio Lower Upper
 107 100
 144 26.3 25.4 38.0
 142 83.4 77.3 115.9





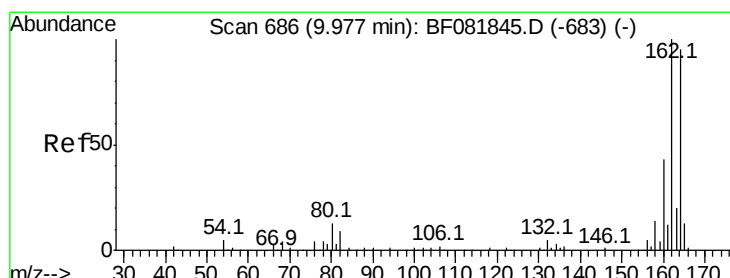
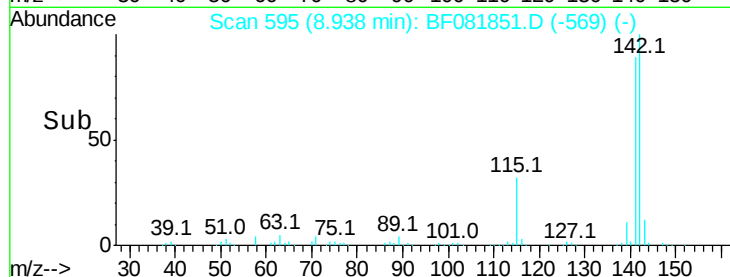
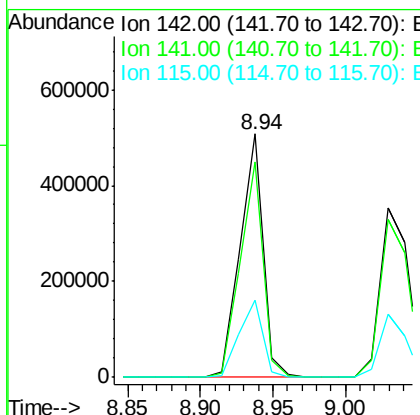
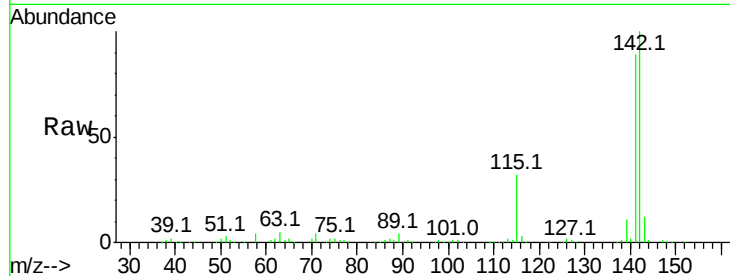
#37
 2-Methylnaphthalene
 Concen: 43.95 ng
 RT: 8.94 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.5	101.3
115	31.8	18.2	27.2

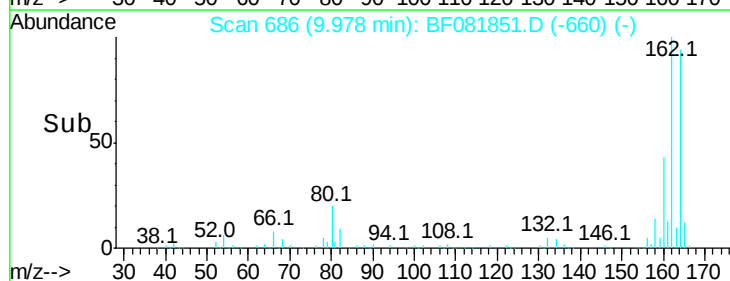
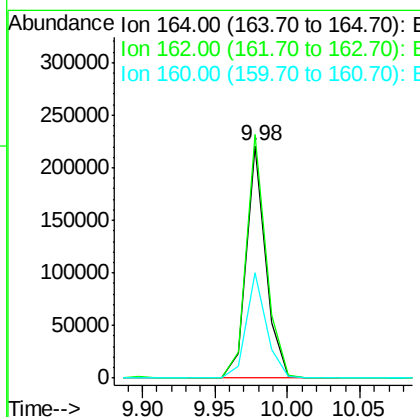
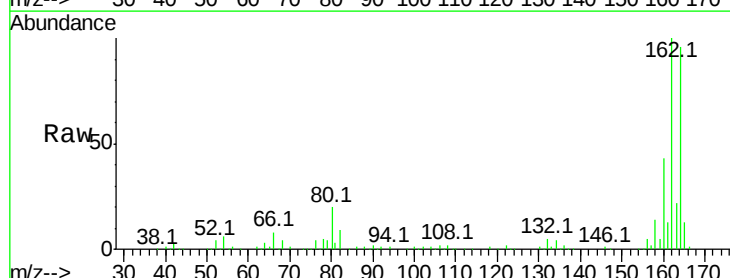
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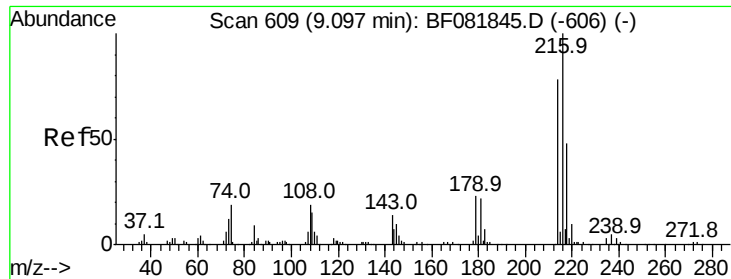
MMDadoda
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	75.2	112.8
160	45.2	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.33 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

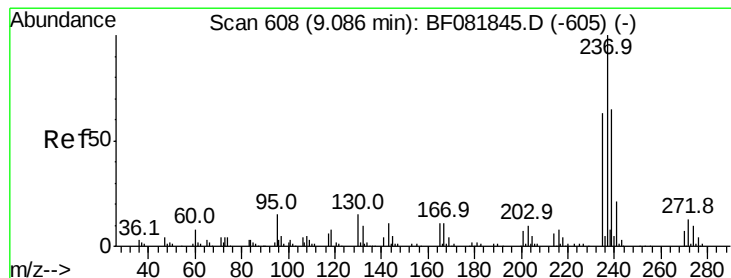
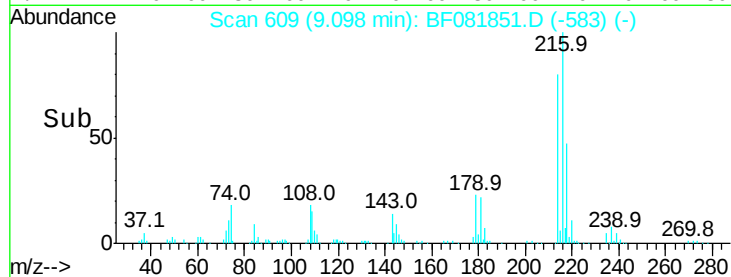
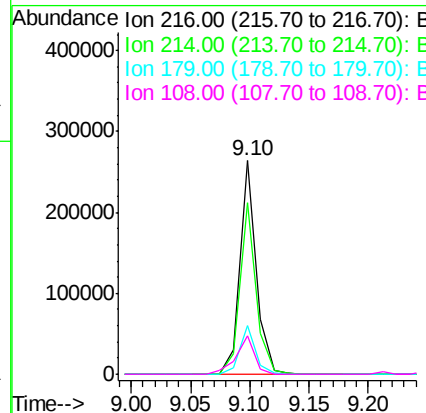
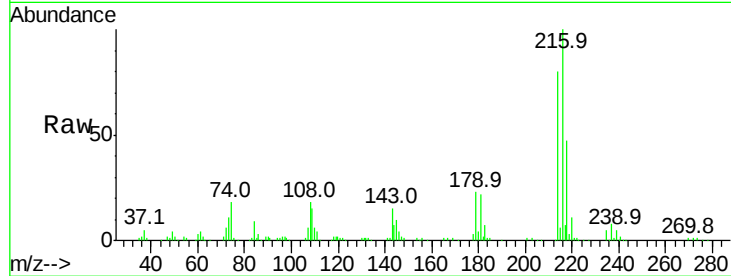
ClientSampleId :

PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	254772		
214	79.4	63.5	95.3	
179	21.6	16.6	24.8	
108	20.4	16.3	24.5	

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#40

Hexachlorocyclopentadiene

Concen: 94.78 ng

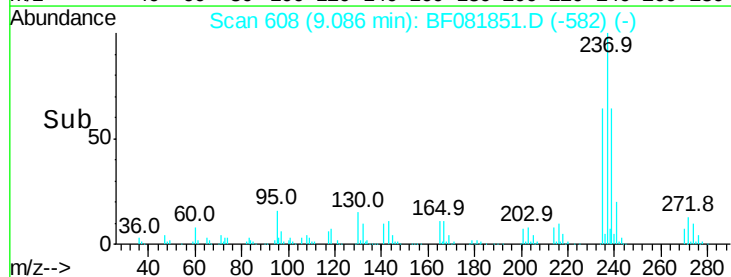
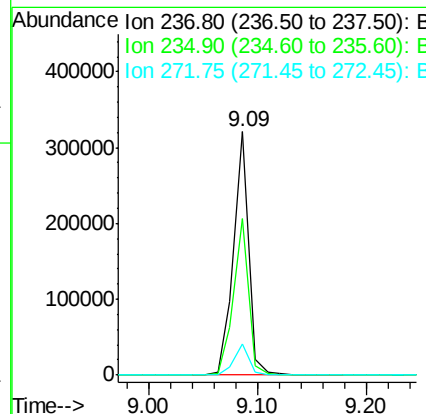
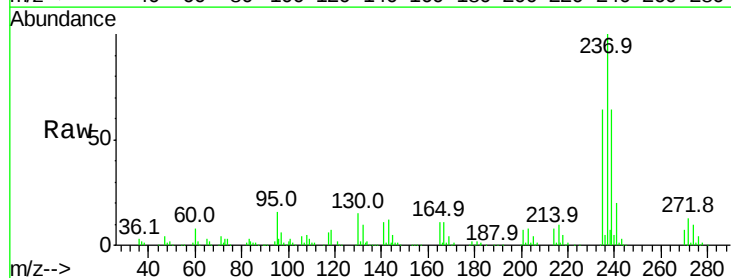
RT: 9.09 min Scan# 608

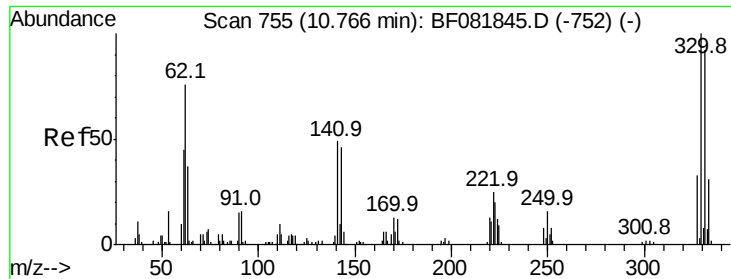
Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	308329		
235	64.1	42.0	82.0	
272	13.0	0.0	36.1	





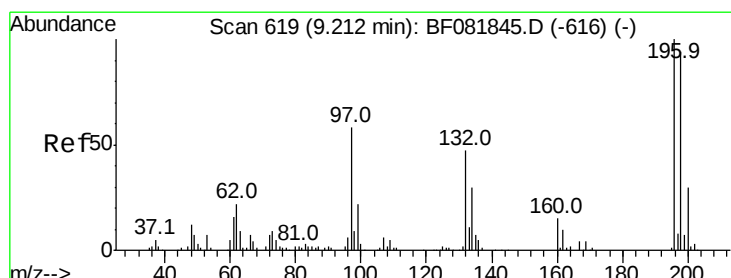
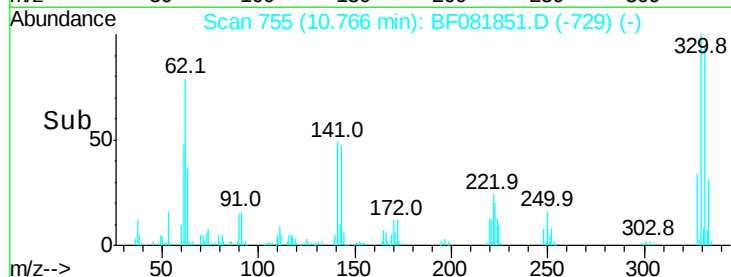
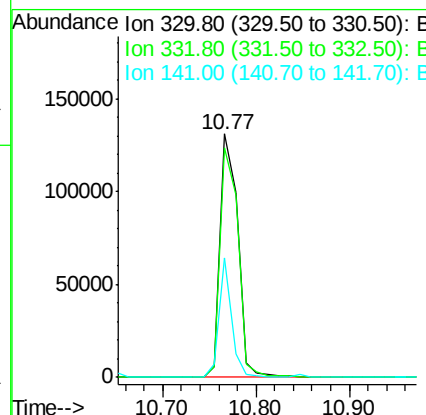
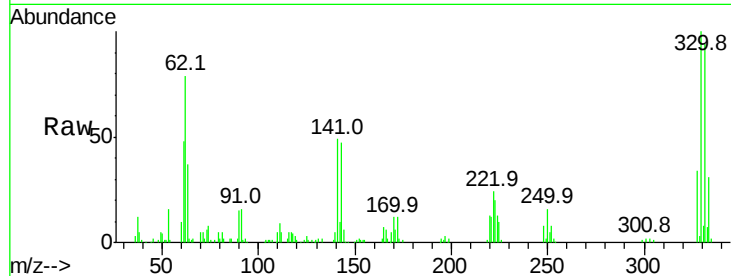
#41
 2,4,6-Tribromophenol
 Concen: 82.34 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	171601		
332	96.2	76.6	114.8	
141	34.9	29.7	44.5	

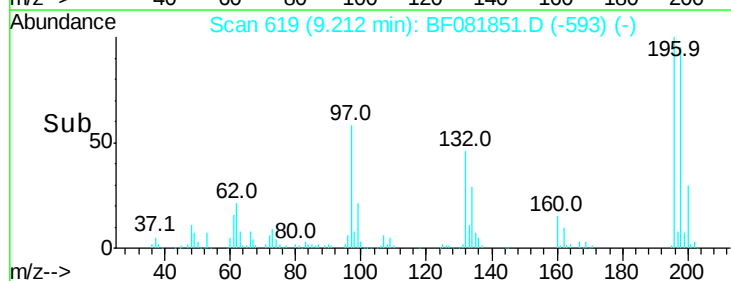
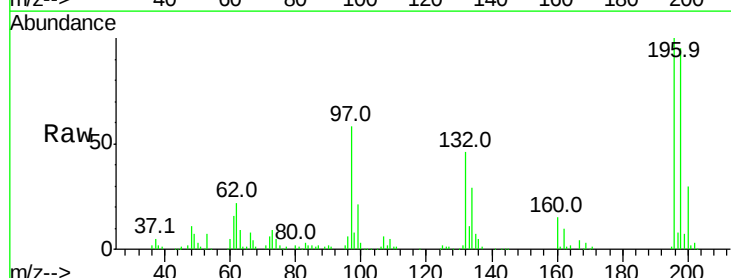
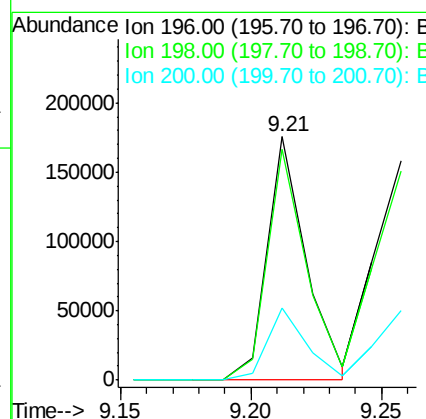
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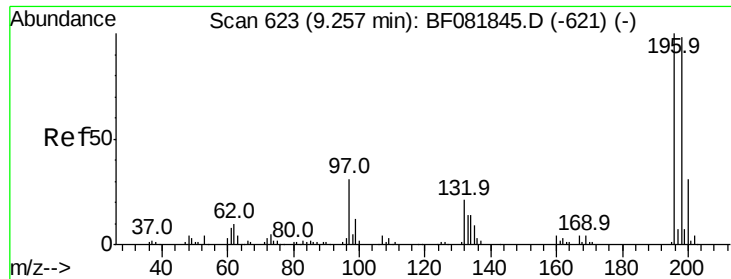
MMDadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 41.73 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180717		
198	94.8	75.7	113.5	
200	29.7	23.9	35.9	





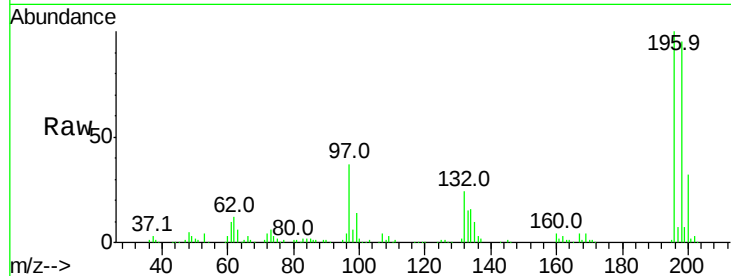
#43
 2,4,5-Trichlorophenol
 Concen: 43.59 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BSD

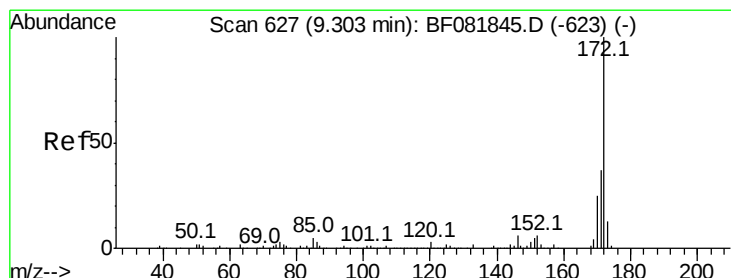
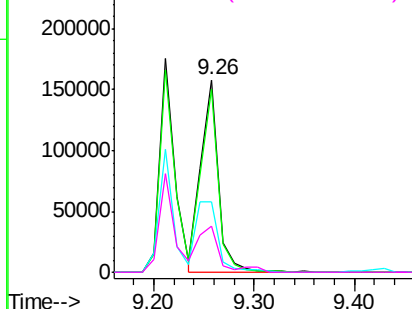
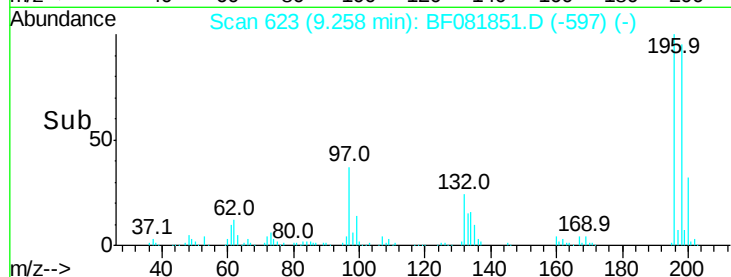
Tot Ion	196	Resp	194124
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.4	113.0
97	36.7	33.3	49.9
132	23.7	24.6	37.0#

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MMDadoda
 9/29/2015 12:10:49 PM

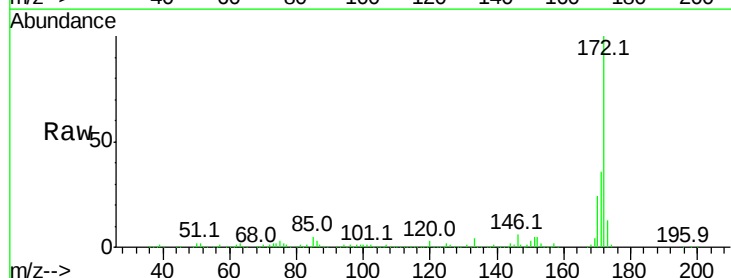


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

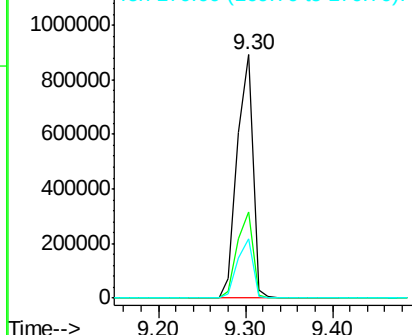
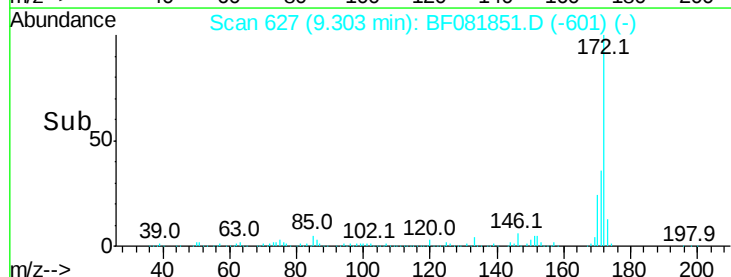


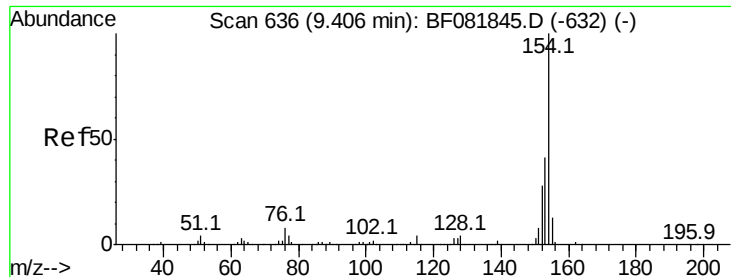
#44
 2-Fluorobiphenyl
 Concen: 90.78 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Tgt Ion	172	Resp	1101687
Ion Ratio	Lower	Upper	
172	100		
171	35.6	26.1	39.1
170	24.4	17.4	26.2



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





#45

1,1'-Biphenyl

Concen: 41.30 ng

RT: 9.39 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

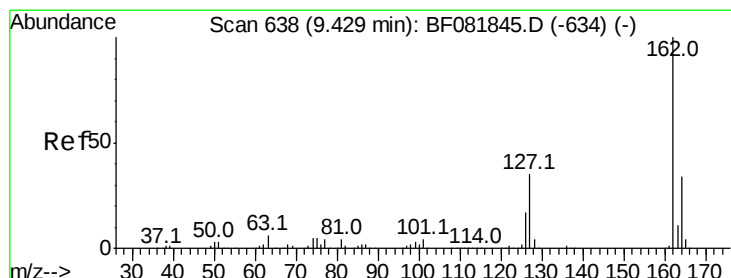
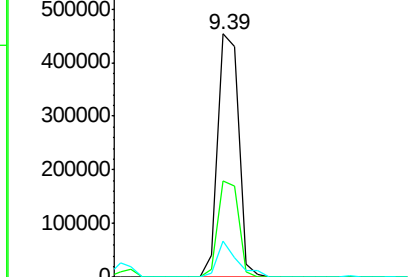
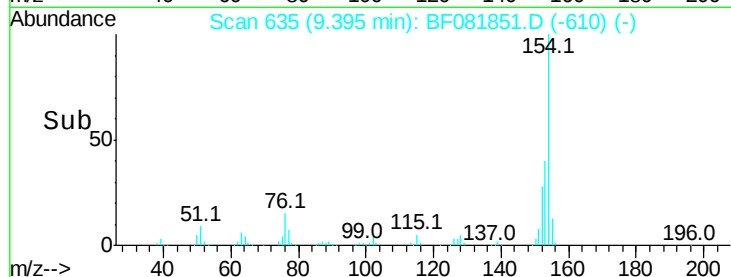
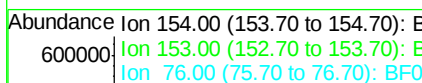
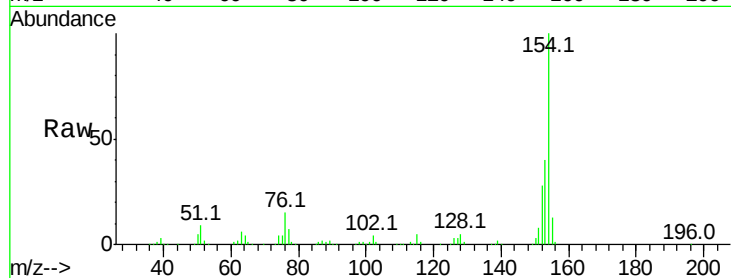
ClientSampleId :

PB85617BSD

Tot Ion:	154	Resp:	655707
Ion Ratio	Lower	Upper	
154	100		
153	39.7	17.1	57.1
76	14.9	0.0	31.6

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 42.64 ng

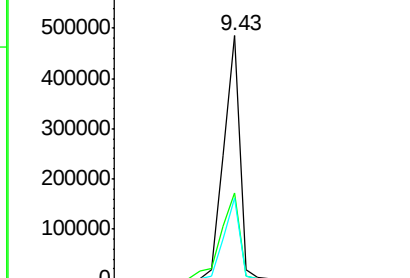
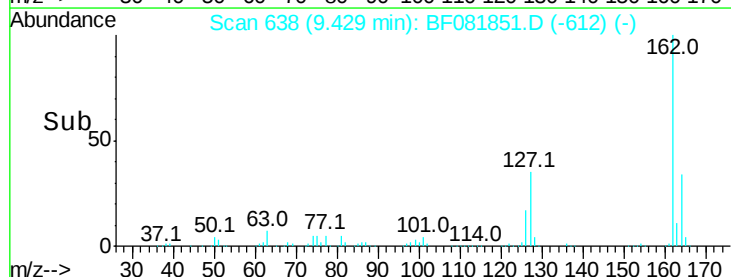
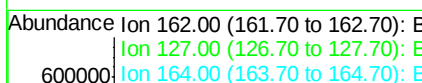
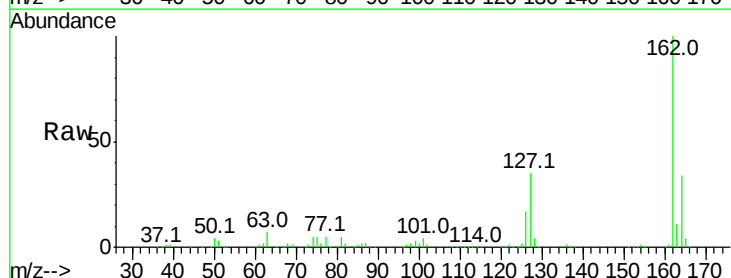
RT: 9.43 min Scan# 638

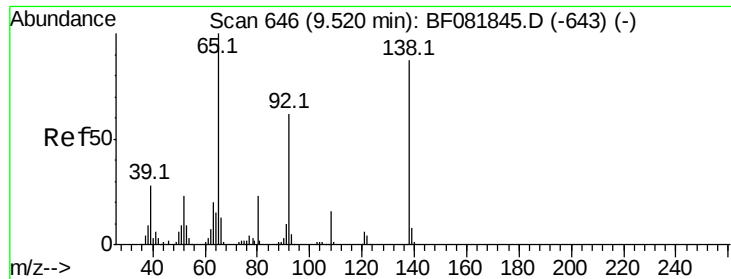
Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Tgt Ion:	162	Resp:	531535
Ion Ratio	Lower	Upper	
162	100		
127	35.4	27.6	41.4
164	33.5	25.4	38.2





#47

2-Nitroaniline

Concen: 40.91 ng

RT: 9.52 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

ClientSampleId :

PB85617BSD

Tot Ion: 65 Resp: 149696

Ion Ratio Lower Upper

65 100

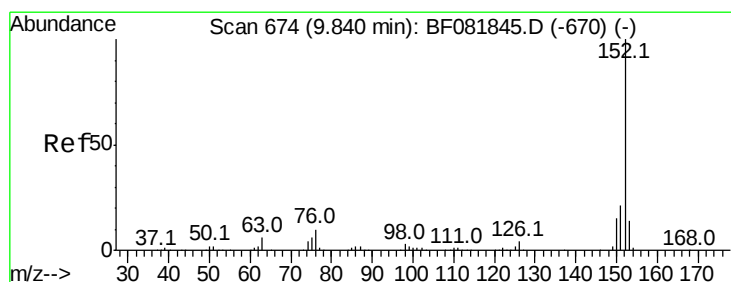
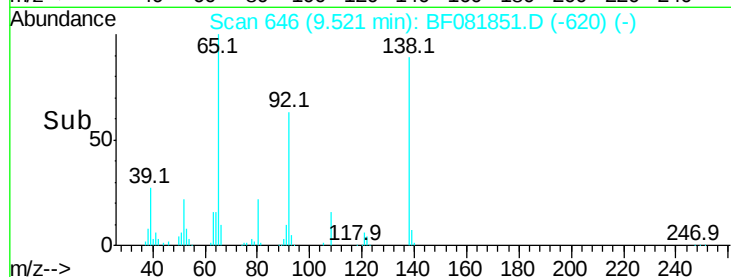
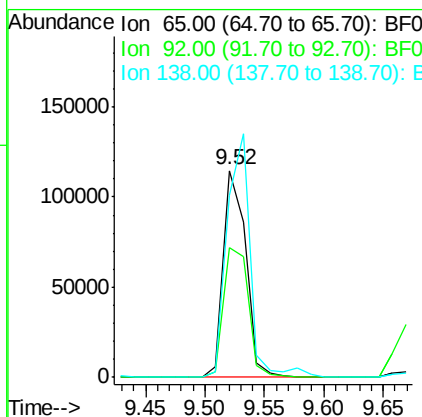
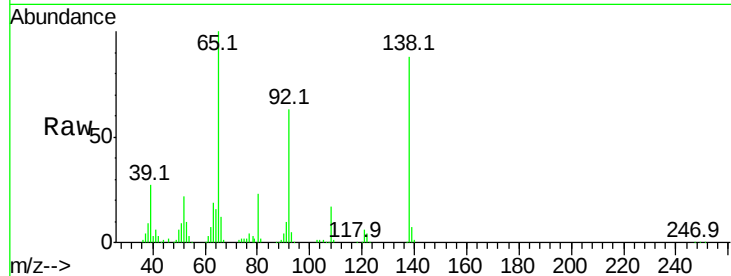
92 62.6 55.4 83.0

138 88.1 115.5 173.3#

Manual Integrations
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#48

Acenaphthylene

Concen: 40.58 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

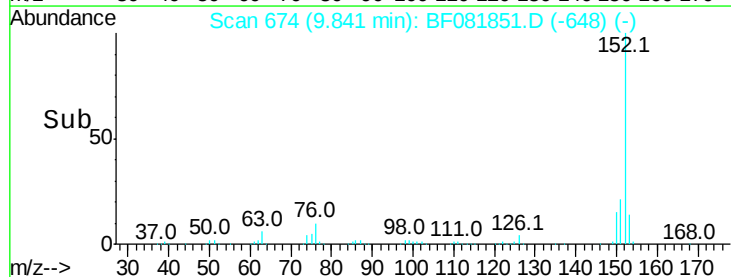
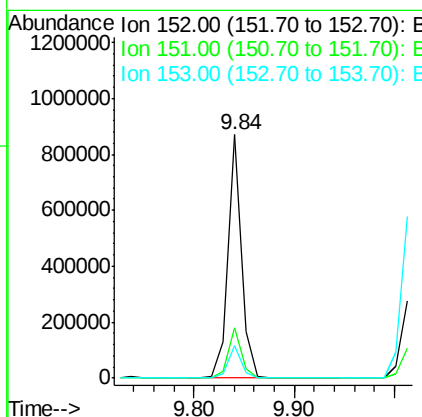
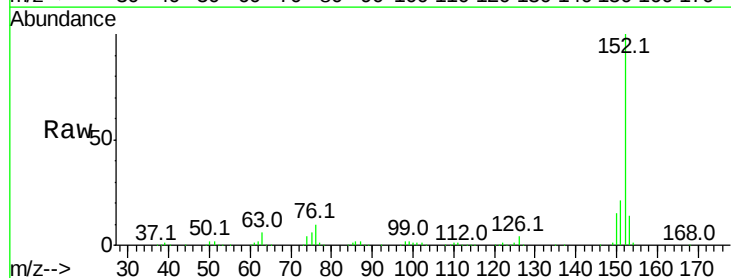
Tgt Ion: 152 Resp: 809623

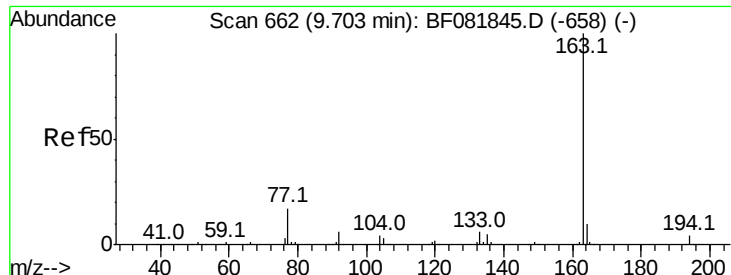
Ion Ratio Lower Upper

152 100

151 20.6 14.6 22.0

153 13.5 10.3 15.5





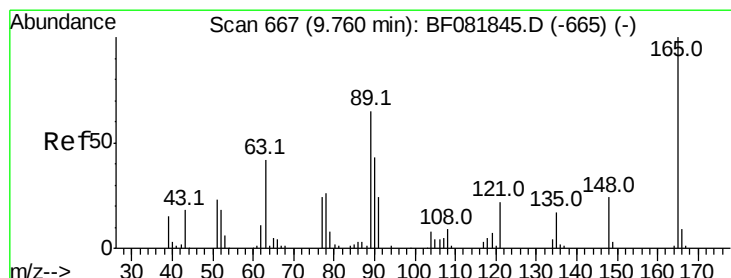
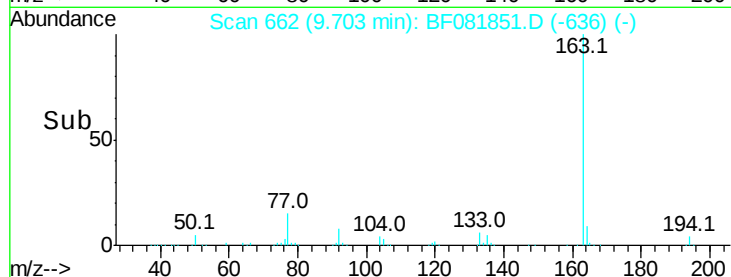
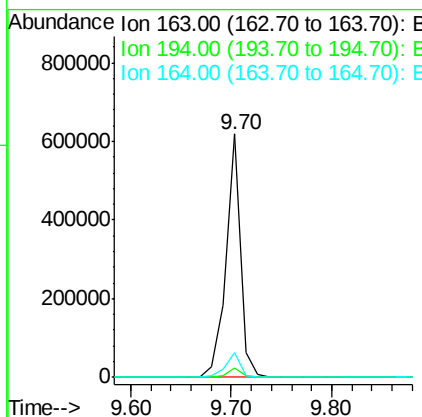
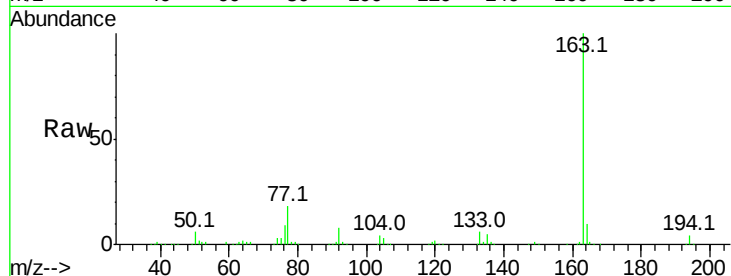
#49
Dimethylphthalate
Concen: 43.68 ng
RT: 9.70 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	620423		
194	3.7		4.4	6.6#
164	10.2		8.3	12.5

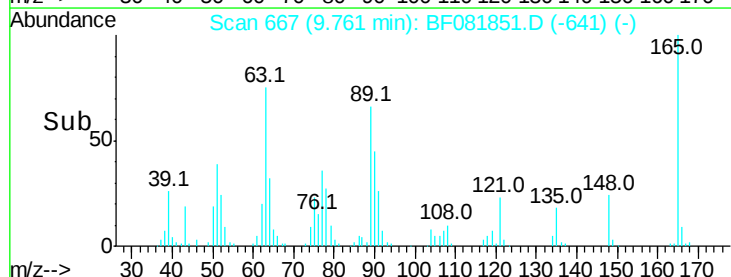
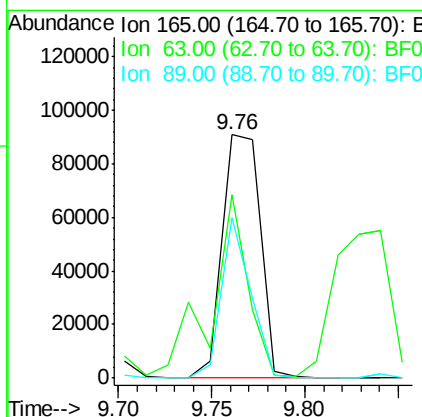
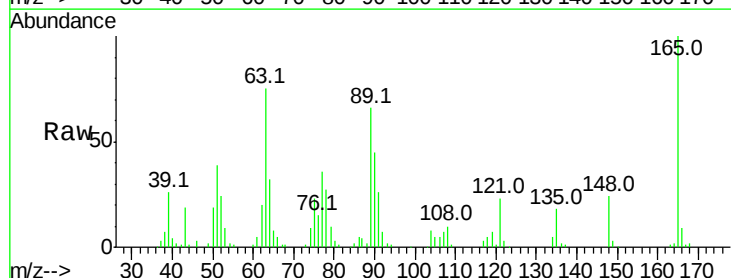
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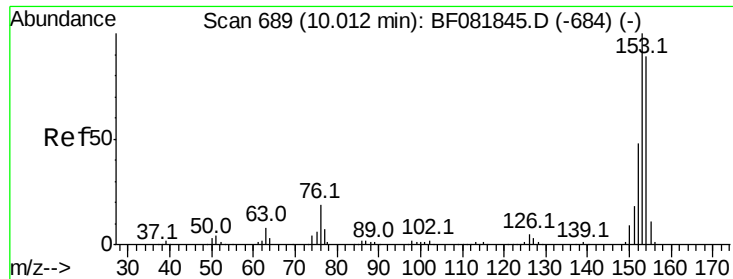
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 42.16 ng
RT: 9.76 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	130008		
63	75.1		32.3	48.5#
89	66.0		28.6	43.0#





#51

Acenaphthene

Concen: 45.45 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

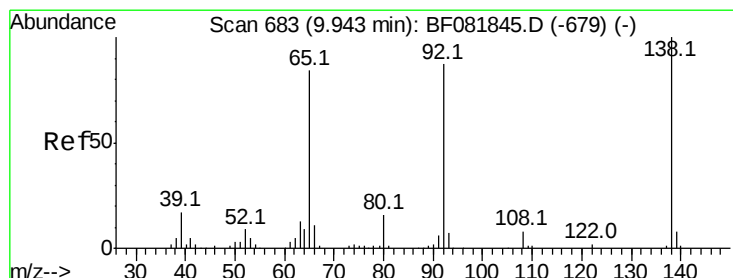
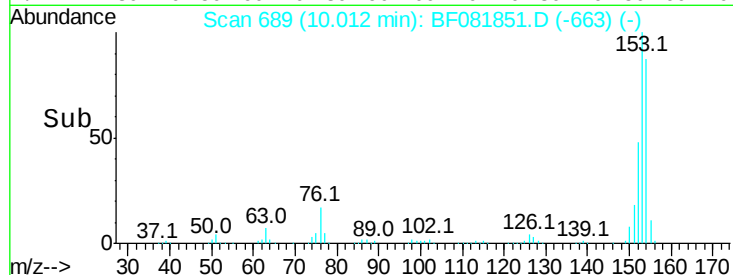
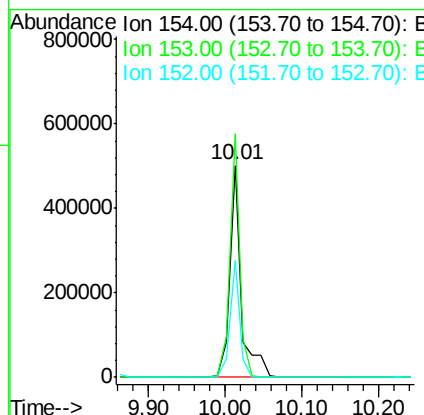
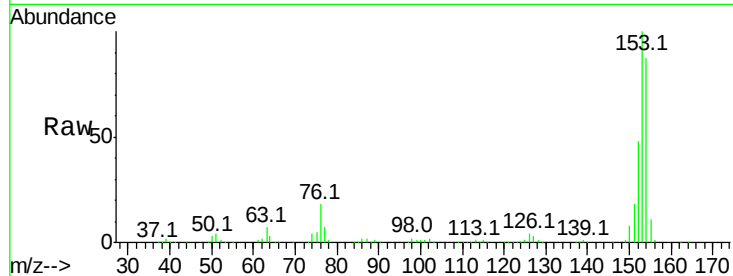
ClientSampleId :

PB85617BSD

Tot Ion:	154	Resp:	538506
Ion Ratio	Lower	Upper	
154	100		
153	114.9	82.1	123.1
152	55.2	37.9	56.9

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#52

3-Nitroaniline

Concen: 22.83 ng

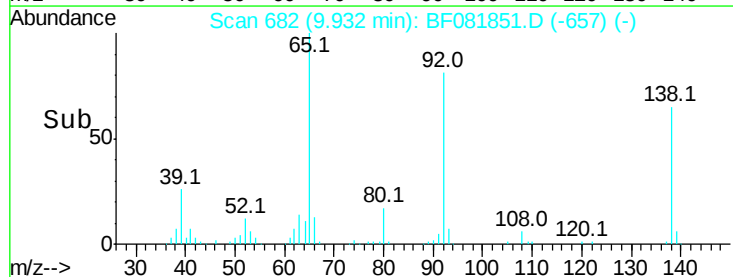
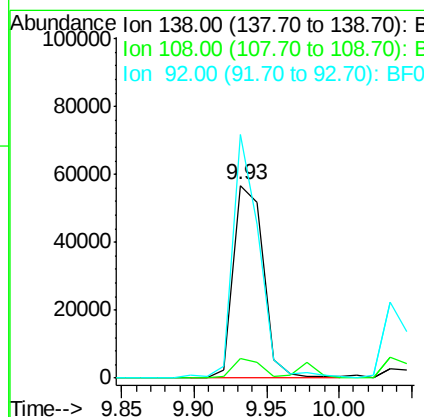
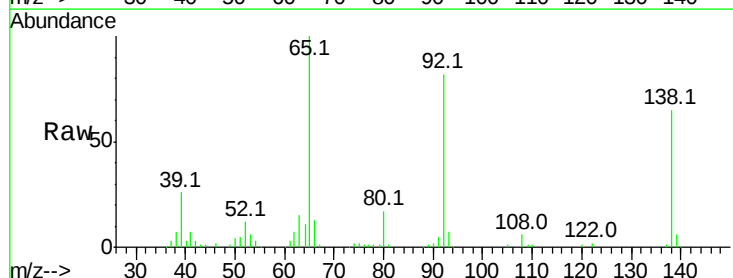
RT: 9.93 min Scan# 682

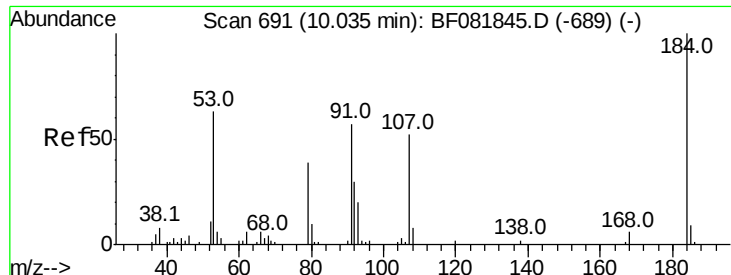
Delta R.T. -0.01 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Tgt Ion:	138	Resp:	81464
Ion Ratio	Lower	Upper	
138	100		
108	9.9	5.7	8.5#
92	126.3	67.7	101.5#





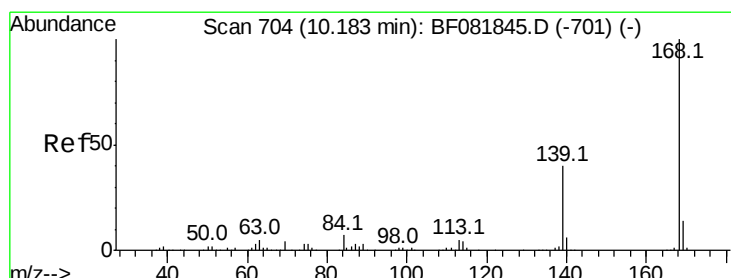
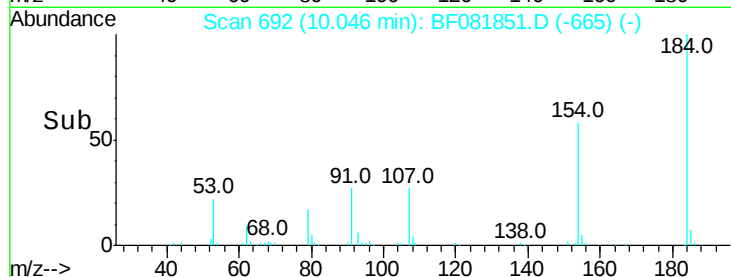
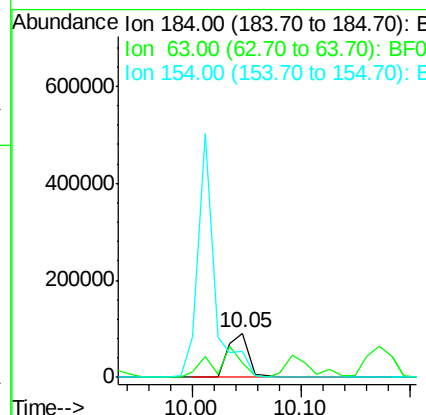
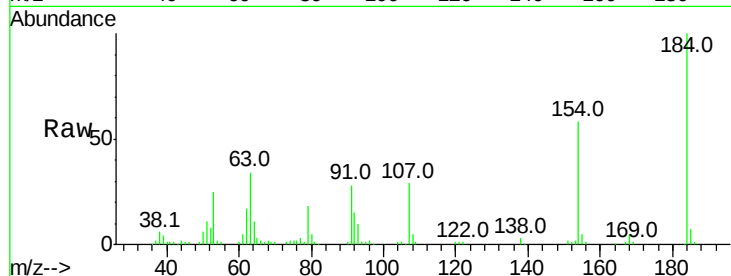
#53
 2,4-Dinitrophenol
 Concen: 79.55 ng
 RT: 10.05 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	33.5	35.4	53.2#	
154	58.0	32.2	48.4#	

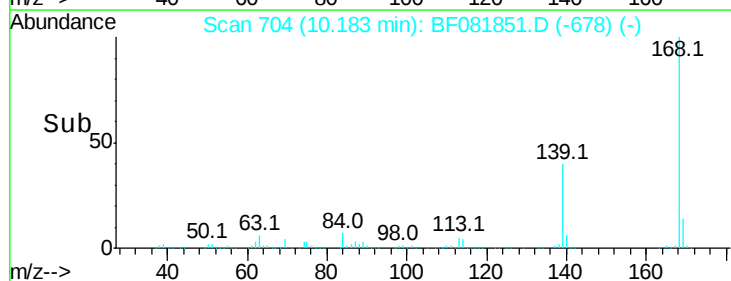
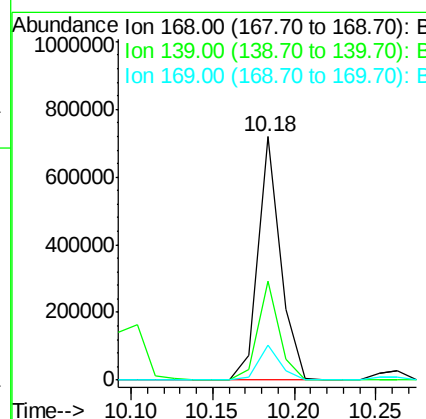
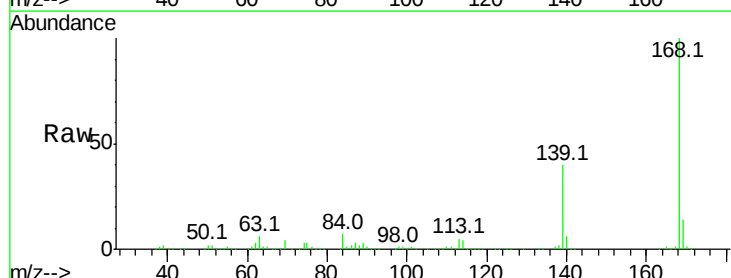
Manual Integrations
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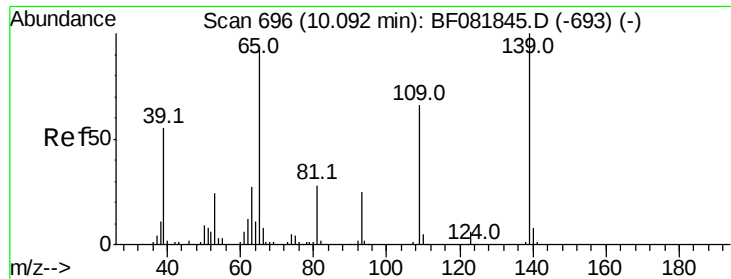
MMDadoda
 9/29/2015 12:10:49 PM



#54
 Dibenzofuran
 Concen: 41.34 ng
 RT: 10.18 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.4	24.2	36.2#	
169	14.2	10.6	15.8	





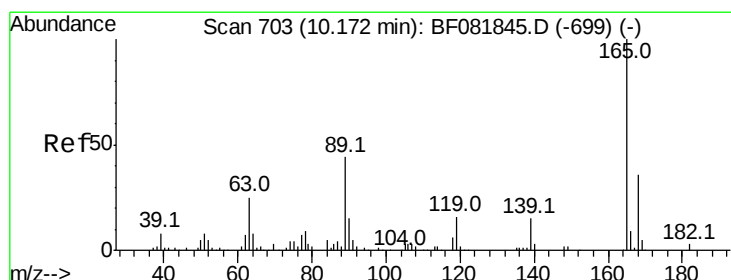
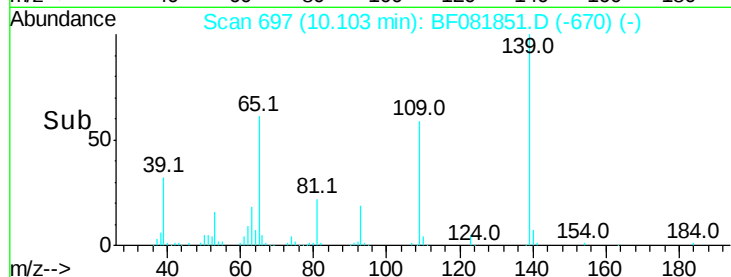
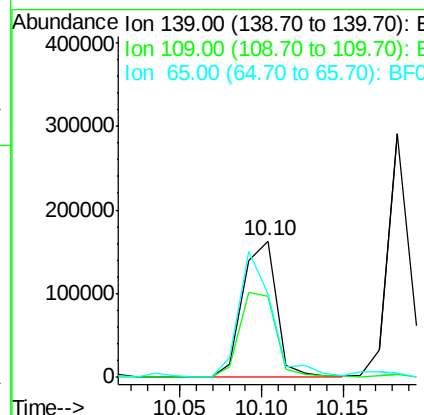
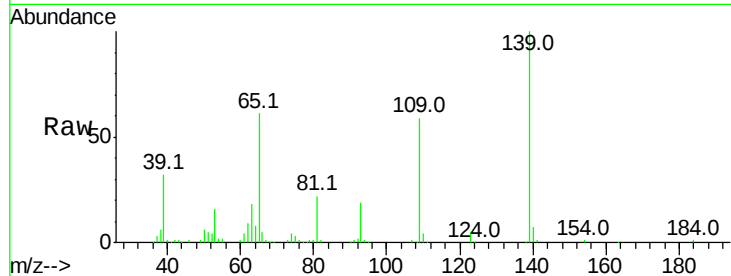
#55
4-Nitrophenol
Concen: 91.23 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.0	12.7	52.7#	
65	61.4	45.9	85.9	

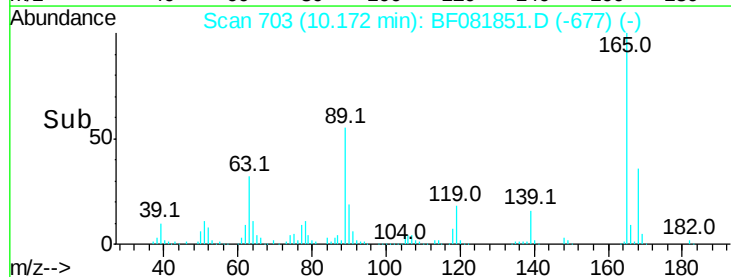
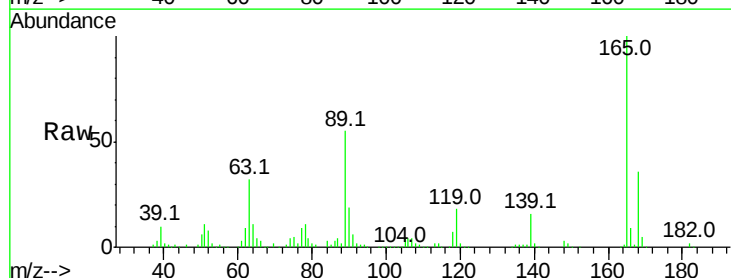
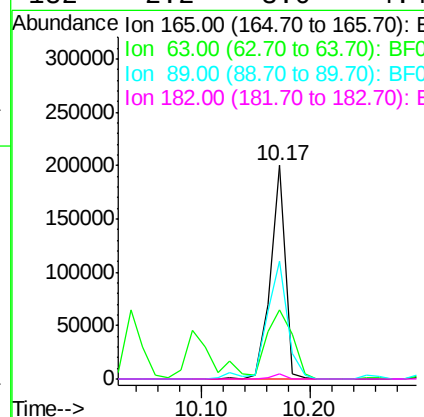
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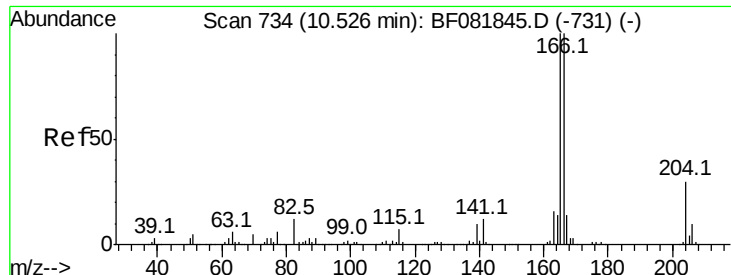
MMDadoda
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#56
2,4-Dinitrotoluene
Concen: 49.40 ng
RT: 10.17 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	32.4	29.8	44.6	
89	55.2	44.5	66.7	
182	2.2	3.0	4.4#	





#57

Fluorene

Concen: 44.60 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

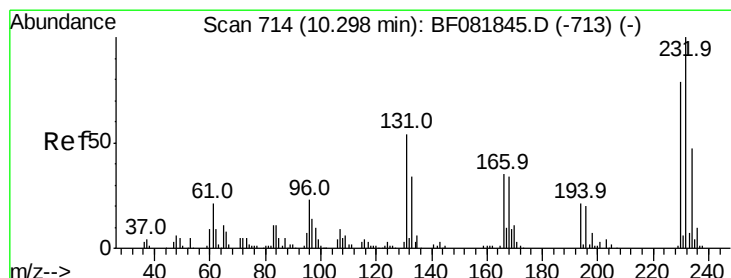
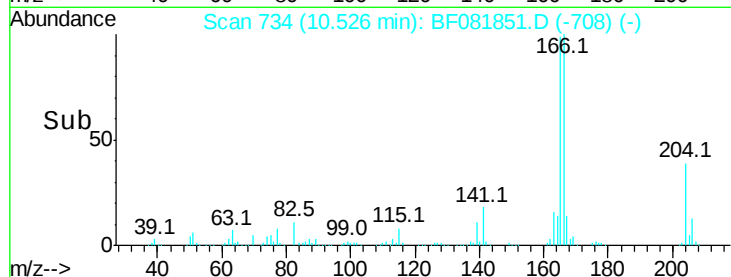
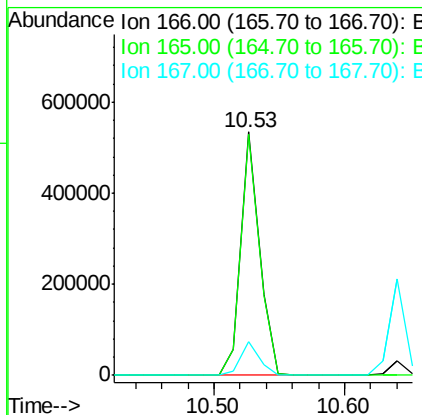
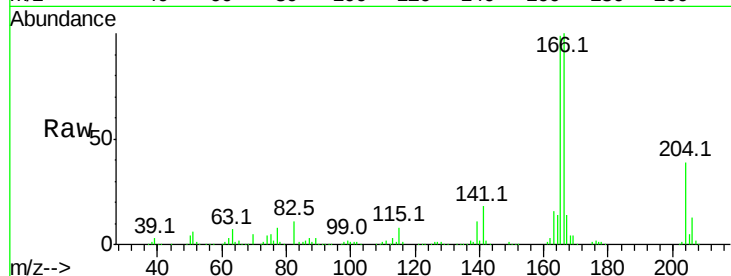
ClientSampleId :

PB85617BSD

Tot Ion:	166	Resp:	534260
Ion Ratio	Lower	Upper	
166	100		
165	99.0	72.6	109.0
167	13.6	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.62 ng

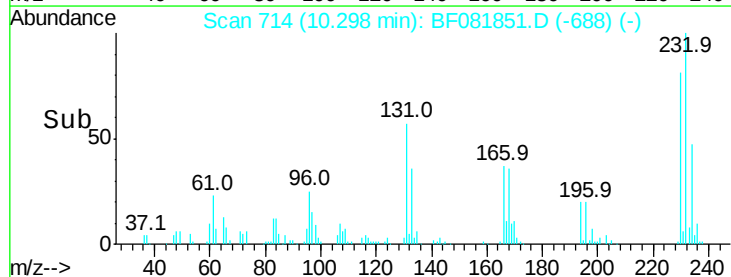
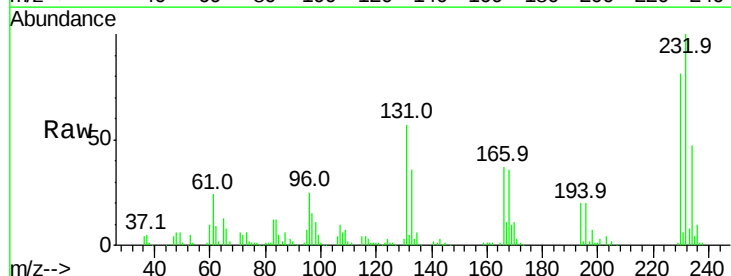
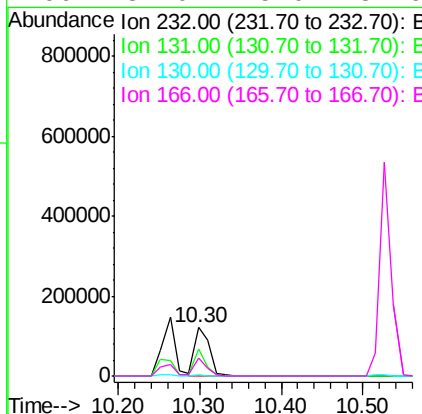
RT: 10.30 min Scan# 714

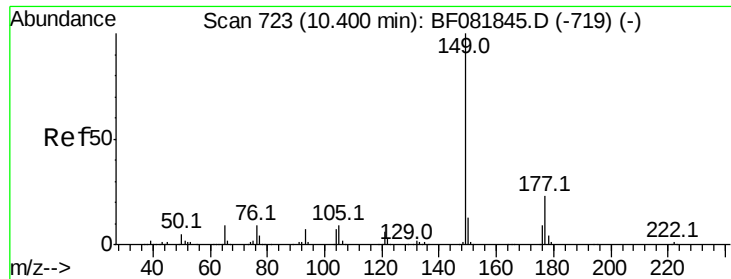
Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Tgt Ion:	232	Resp:	157648
Ion Ratio	Lower	Upper	
232	100		
131	44.0	38.5	57.7
130	1.8	1.8	2.6
166	31.0	25.0	37.6





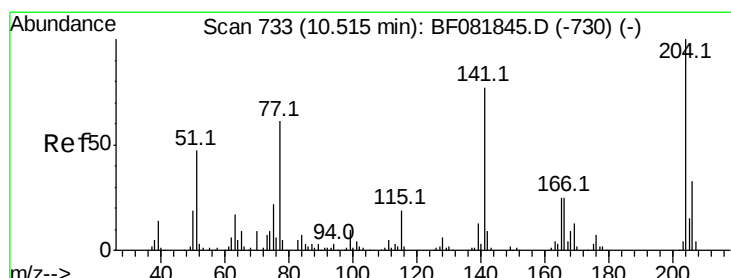
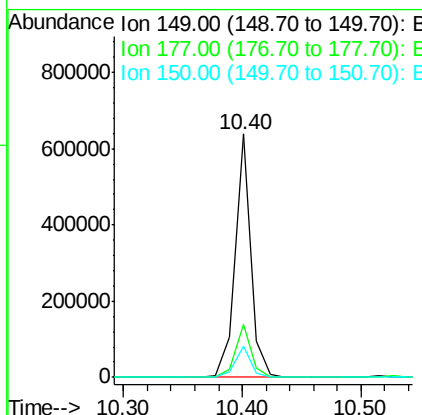
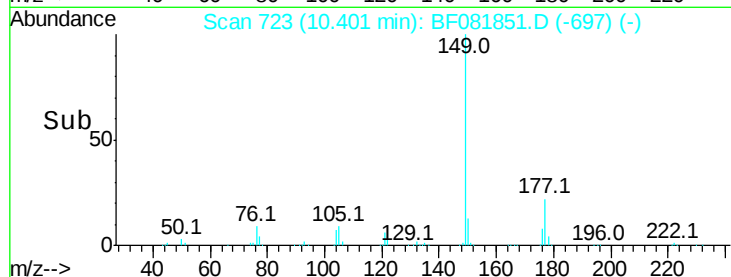
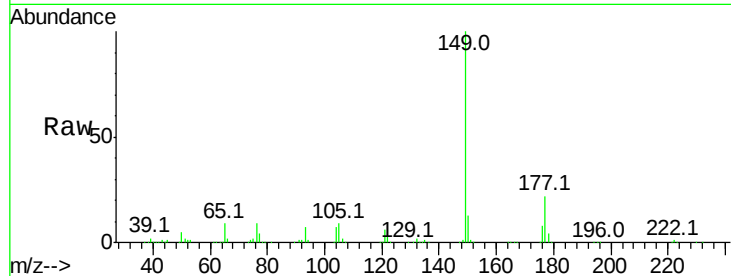
#59
Diethylphthalate
Concen: 44.34 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.9	17.5	26.3
150	12.6	9.4	14.2

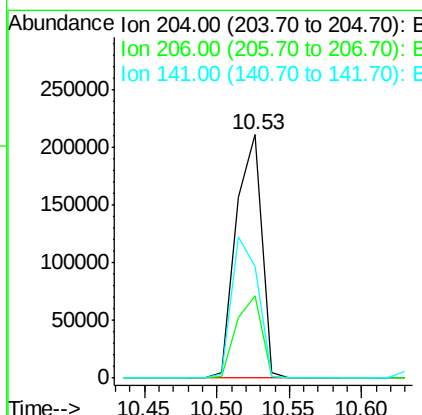
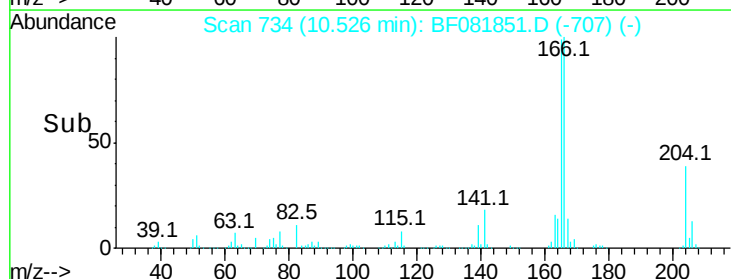
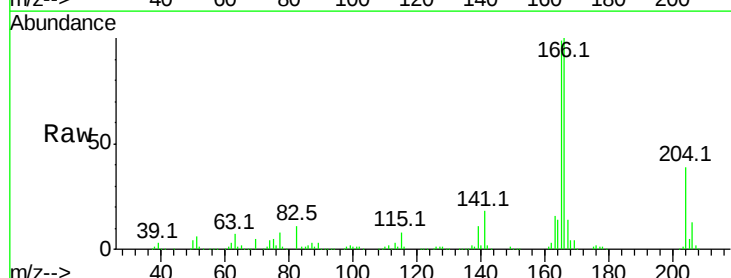
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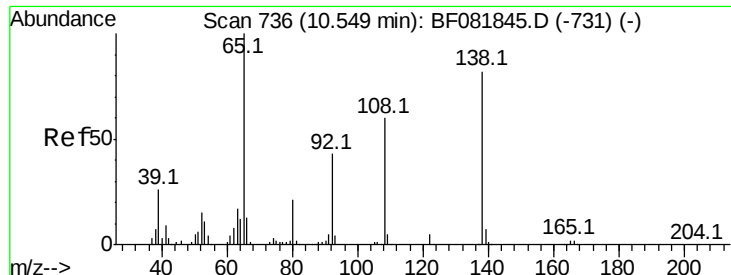
MMDadoda
9/29/2015 12:10:49 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.22 ng
RT: 10.53 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.7	24.8	37.2
141	45.9	42.2	63.4





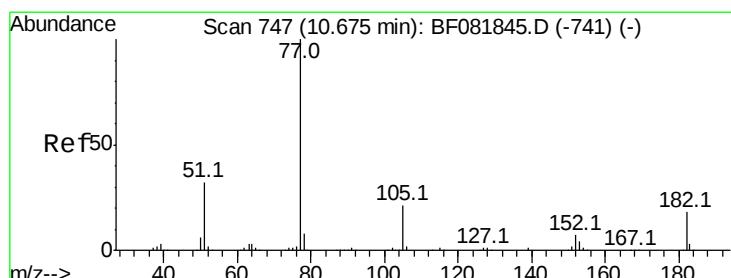
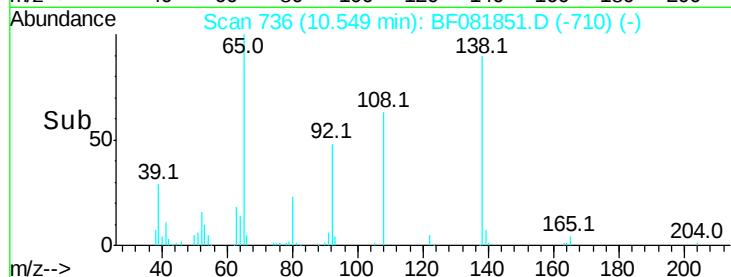
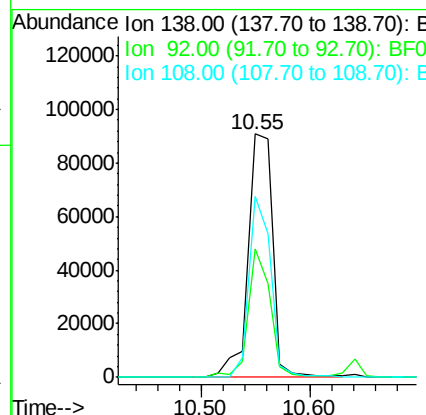
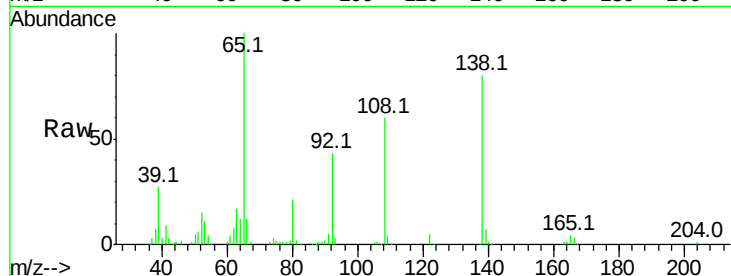
#61
4-Nitroaniline
Concen: 39.99 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	52.9	12.6	52.6#	
108	74.1	12.4	52.4#	

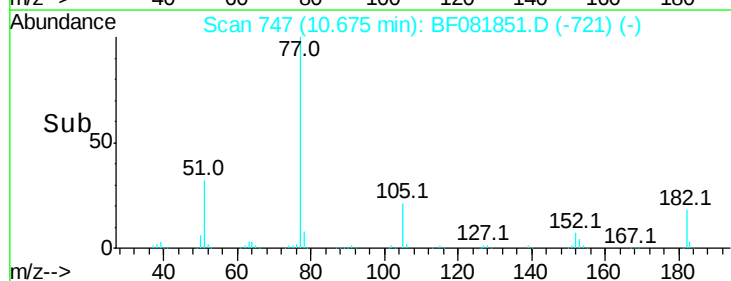
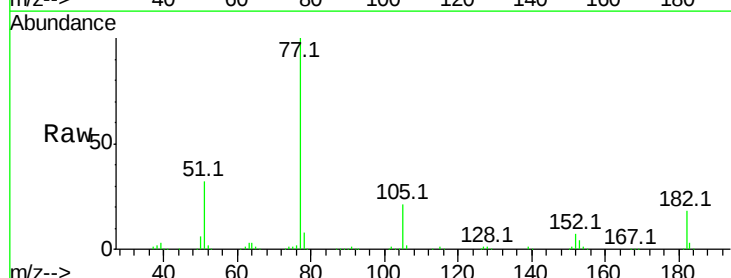
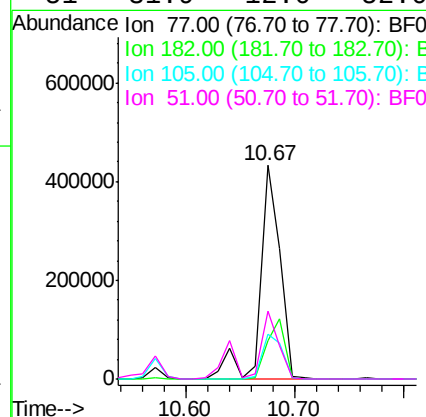
Manual Integrations
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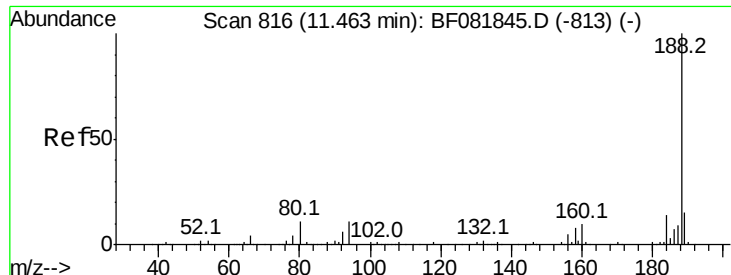
MMDadoda
9/29/2015 12:10:49 PM



#62
Azobenzene
Concen: 42.97 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	18.0	15.1	55.1	
105	21.1	3.4	43.4	
51	31.9	12.0	52.0	





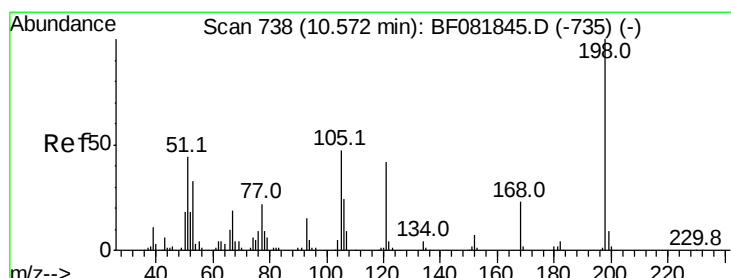
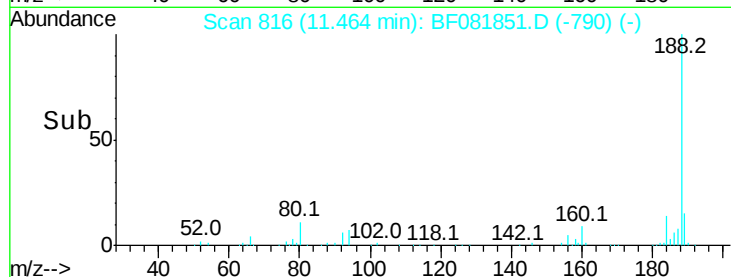
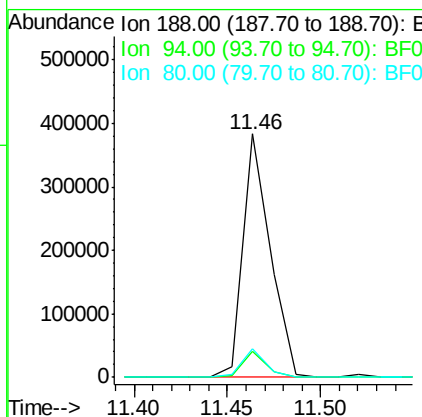
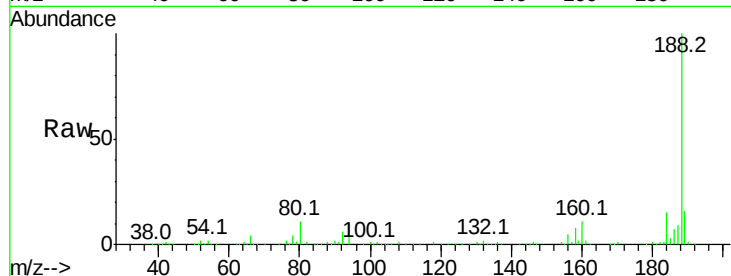
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.4	11.1	16.7	#
80	11.5	11.0	16.4	

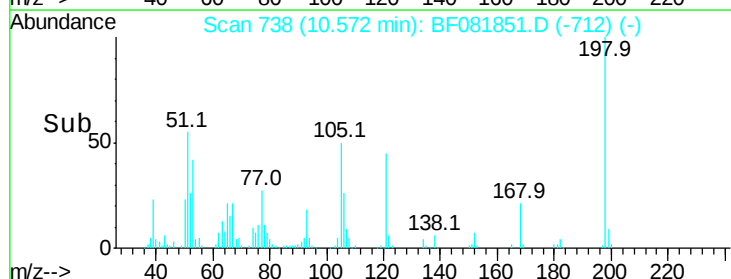
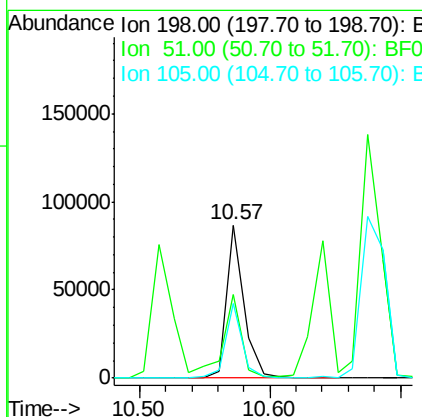
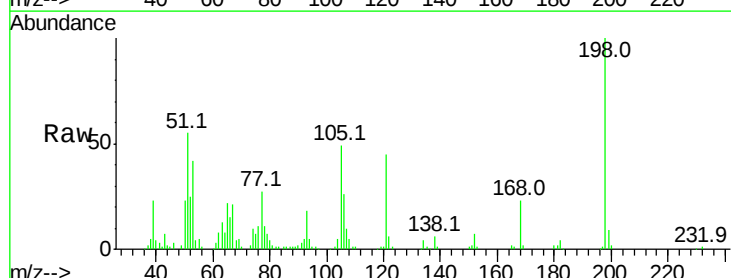
Manual Integrations
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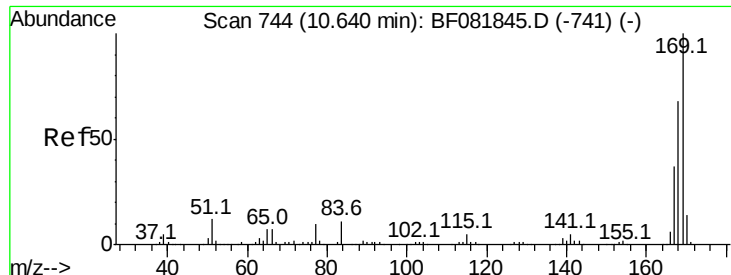
MMDadoda
9/29/2015 12:10:49 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.25 ng
RT: 10.57 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	54.9	39.6	79.6	
105	49.1	28.5	68.5	





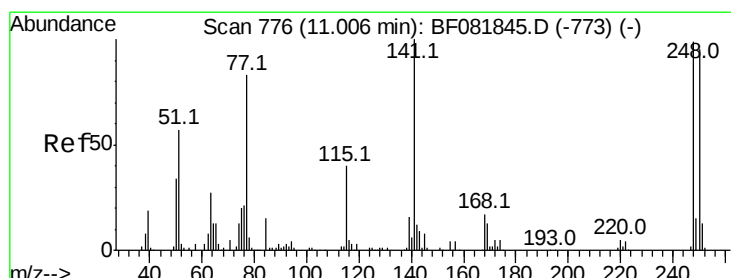
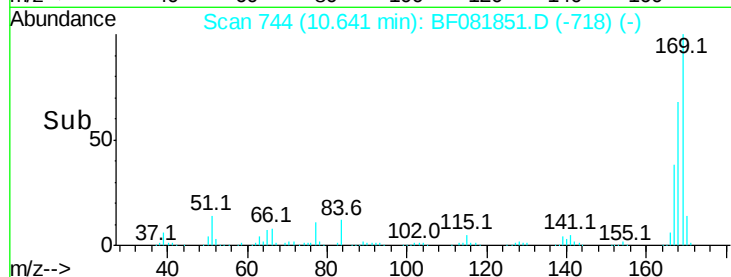
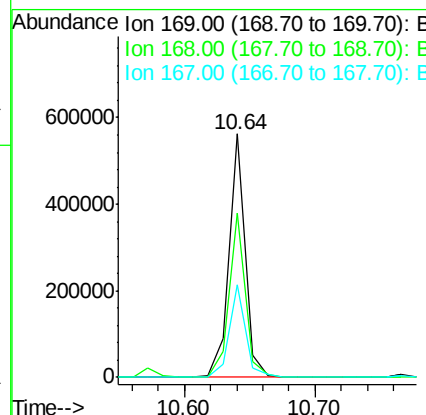
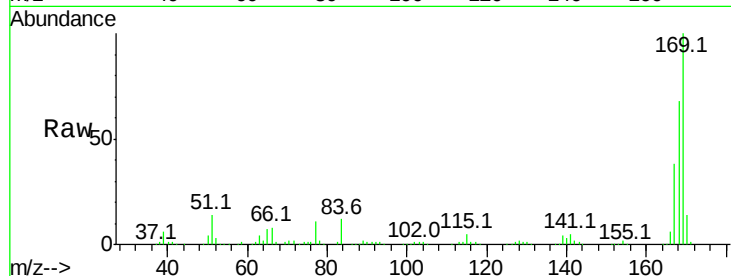
#65
 n-Nitrosodiphenylamine
 Concen: 41.49 ng
 RT: 10.64 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	488993		
168	67.7		48.9	73.3
167	37.9		26.2	39.4

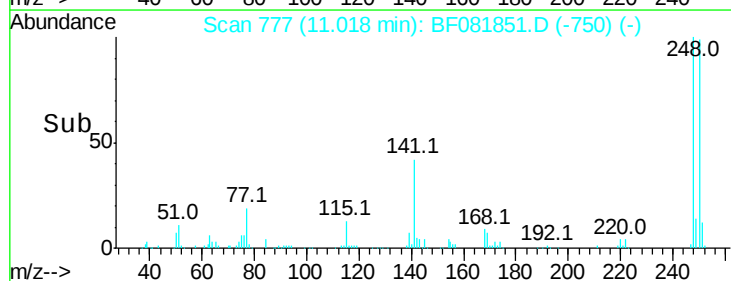
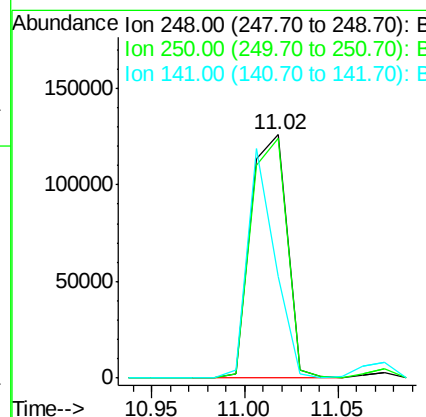
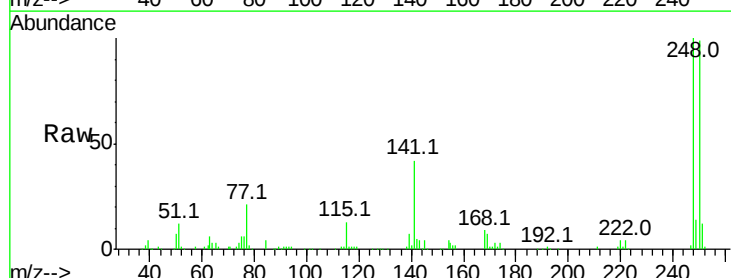
Manual Integrations
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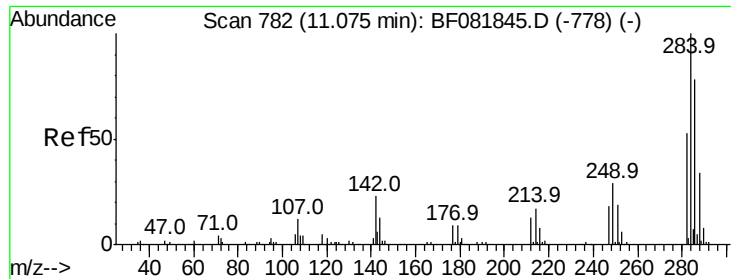
MMDadoda
 9/29/2015 12:10:49 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.00 ng
 RT: 11.02 min Scan# 777
 Delta R.T. 0.01 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	168883		
250	98.6		78.5	117.7
141	41.7		59.0	88.6#





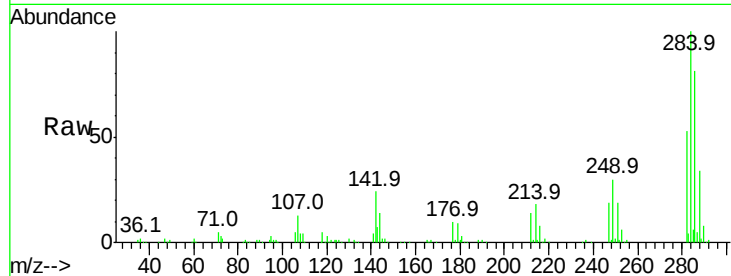
#67
Hexachlorobenzene
Concen: 45.11 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

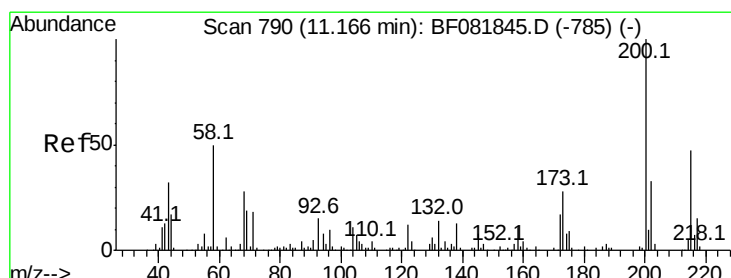
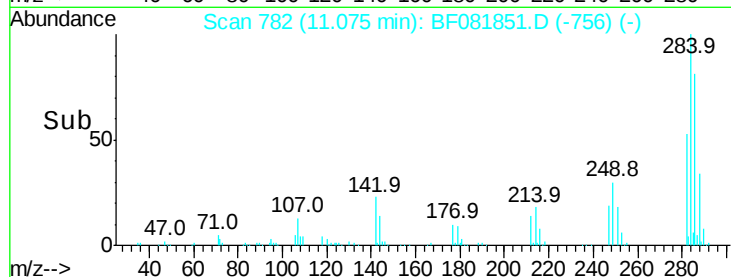
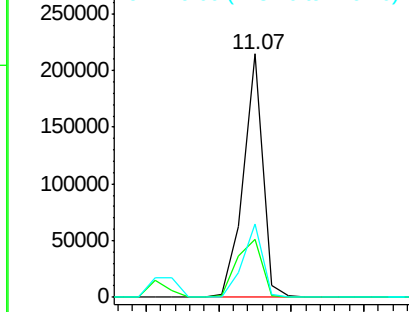
Tot Ion	Ratio	Resp	Lower	Upper
284	100	199953		
142	24.0	29.5	44.3#	
249	30.1	19.5	29.3#	

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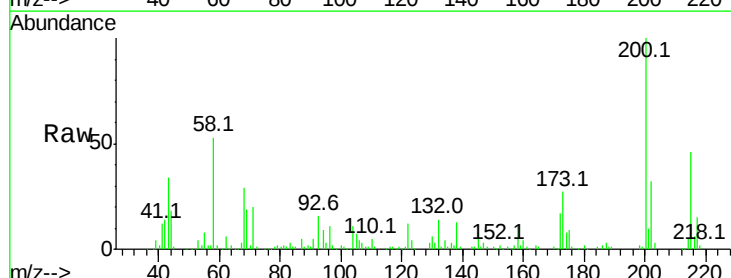


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

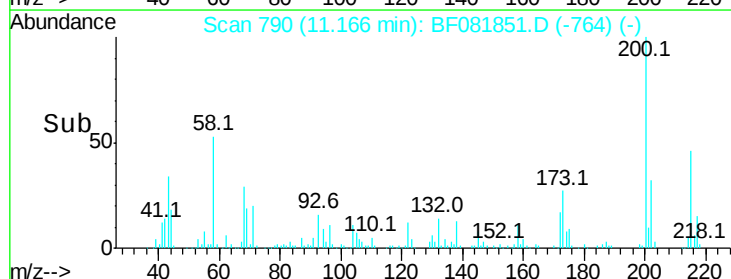
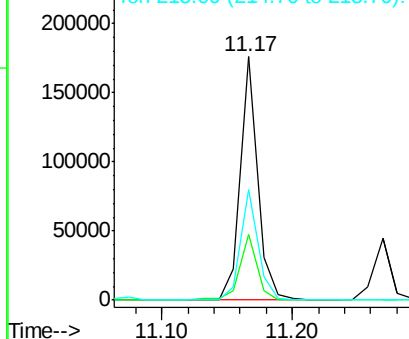


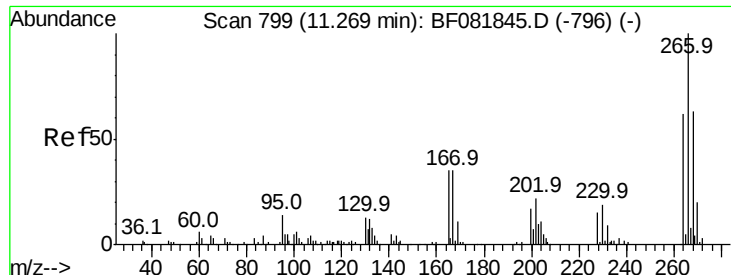
#68
Atrazine
Concen: 44.23 ng
RT: 11.17 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161729		
173	27.2	13.2	53.2	
215	45.6	41.8	81.8	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





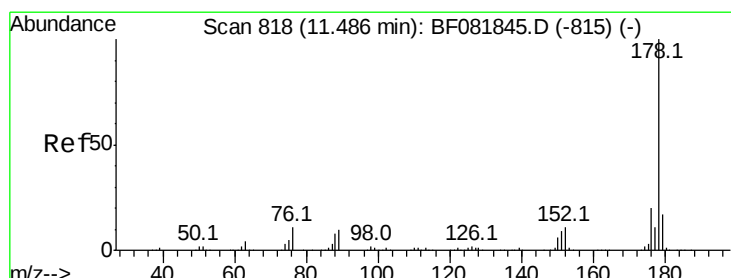
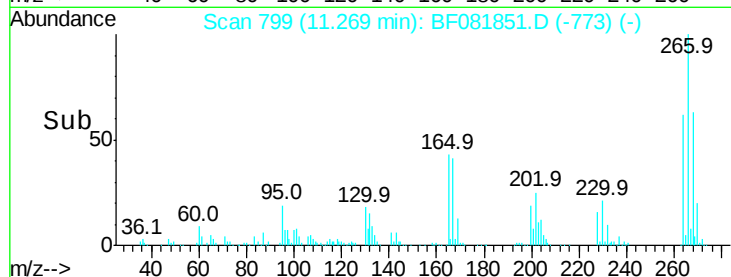
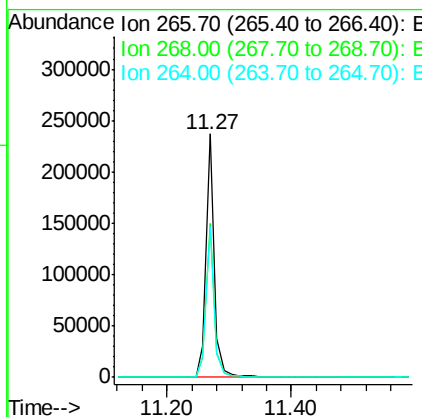
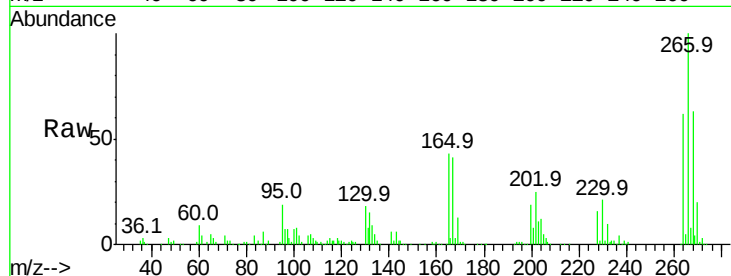
#69
 Pentachlorophenol
 Concen: 88.55 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	223618		
268	63.0	49.8	74.6	
264	62.3	50.2	75.2	

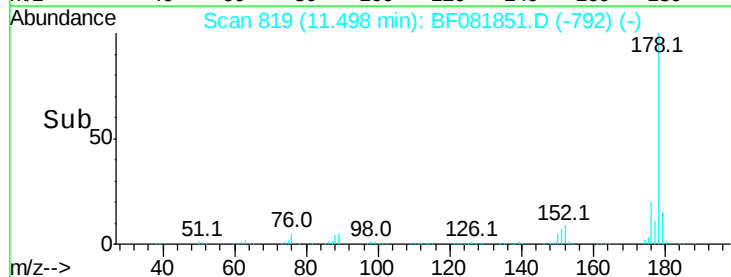
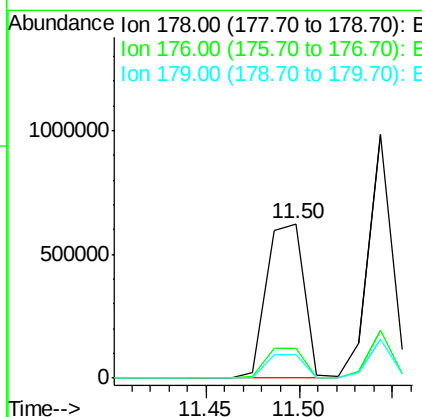
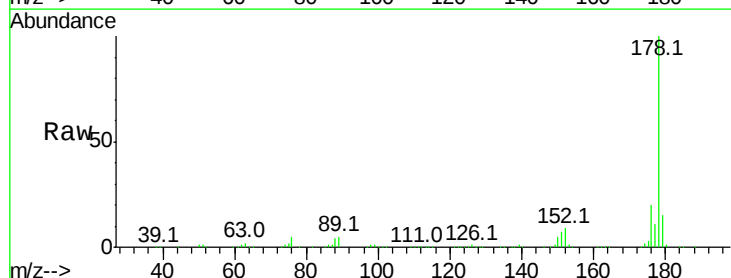
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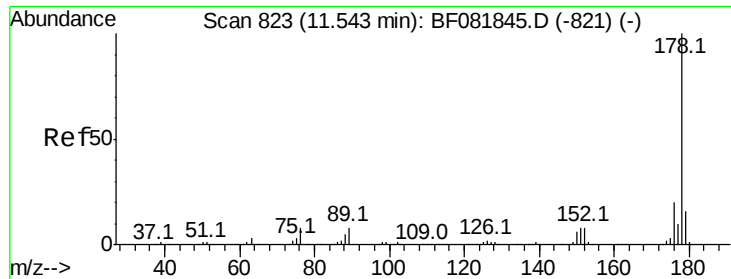
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#70
 Phenanthrene
 Concen: 46.23 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	865632		
176	19.5	13.8	20.8	
179	15.1	12.2	18.2	





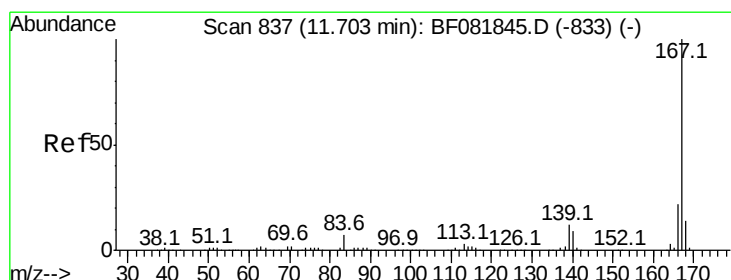
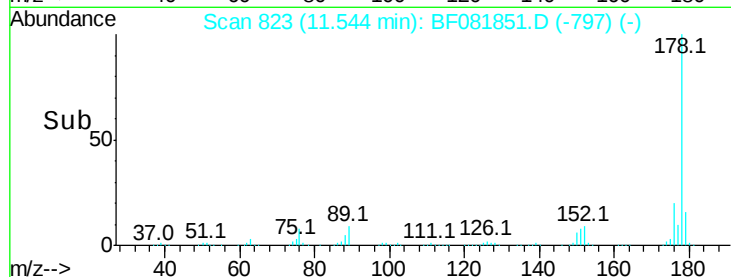
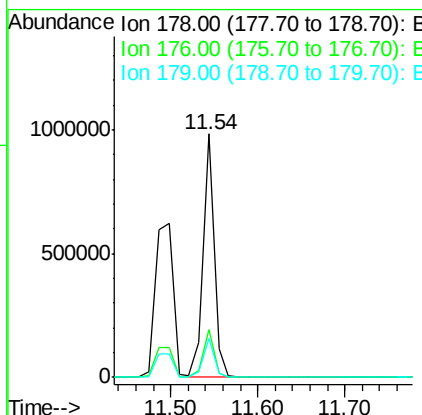
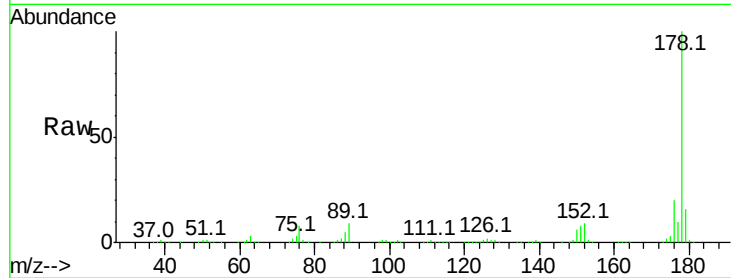
#71
 Anthracene
 Concen: 43.43 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.1	21.1
179	16.0	12.2	18.2

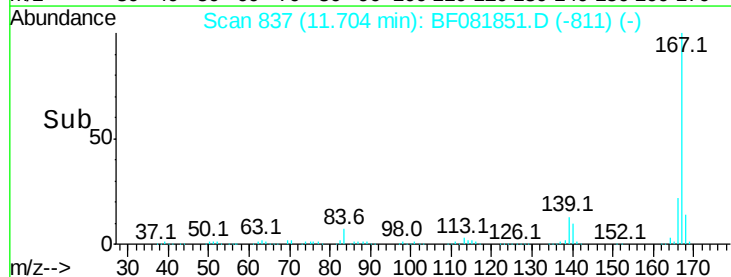
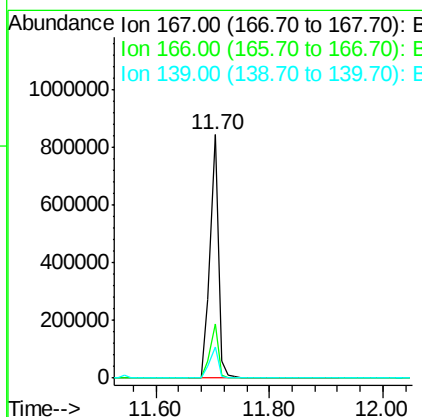
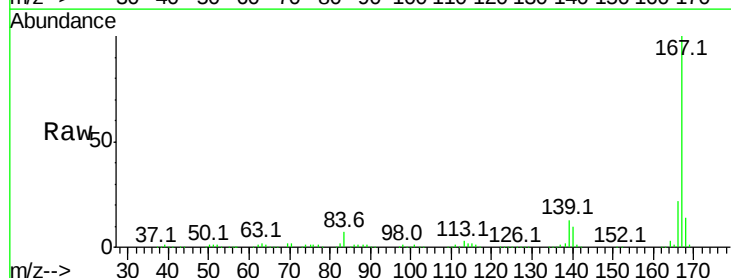
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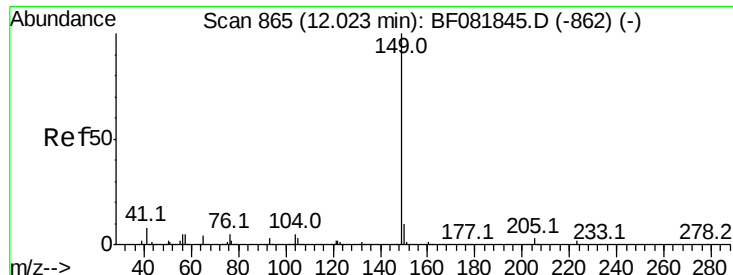
MMDadoda
 9/29/2015 12:10:49 PM



#72
 Carbazole
 Concen: 45.96 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	15.7	23.5
139	13.0	9.5	14.3





#73

Di-n-butylphthalate

Concen: 46.38 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

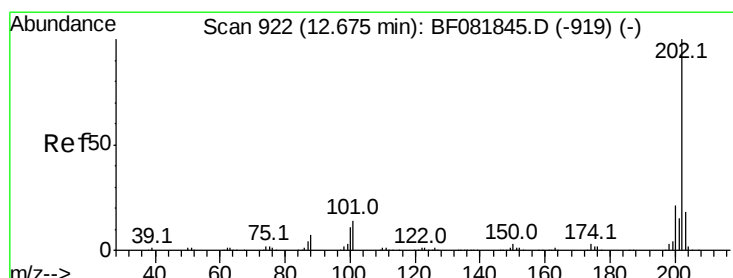
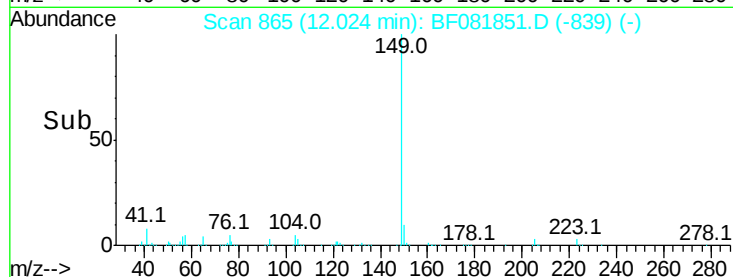
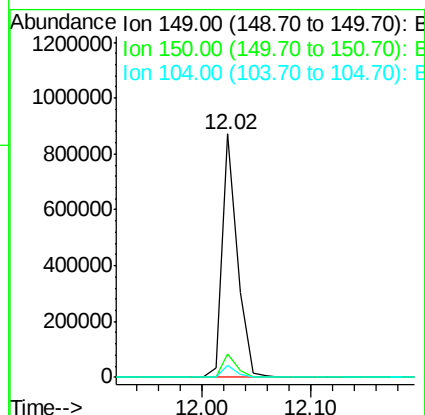
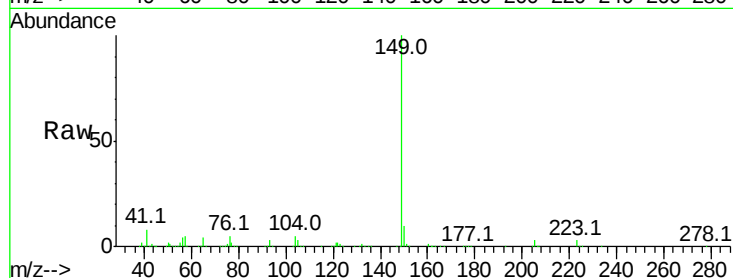
ClientSampleId :

PB85617BSD

Tot Ion:	149	Resp:	845634
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.2
104	5.1	2.4	3.6#

Manual Integrations
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#74

Fluoranthene

Concen: 43.54 ng

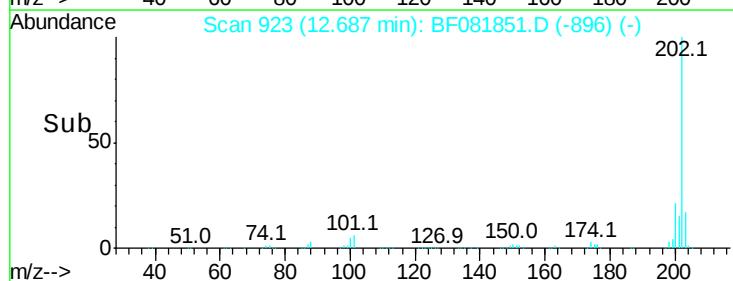
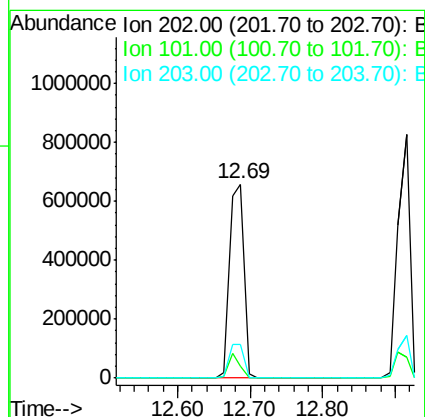
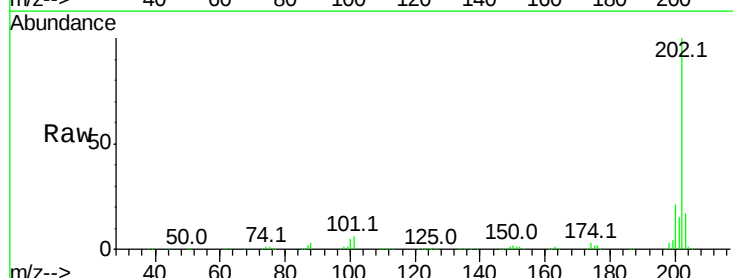
RT: 12.69 min Scan# 923

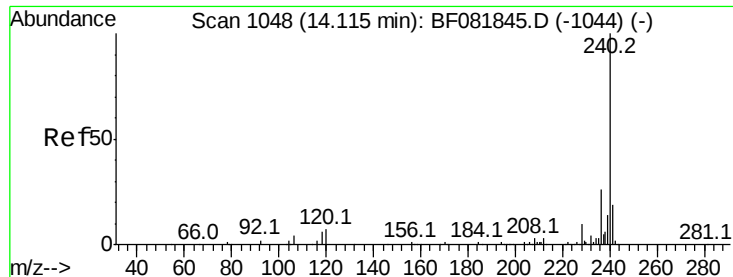
Delta R.T. 0.01 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Tgt Ion:	202	Resp:	908437
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	38.3
203	17.3	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

ClientSampleId :

PB85617BSD

Tot Ion:240 Resp: 361128

Ion Ratio Lower Upper

240 100

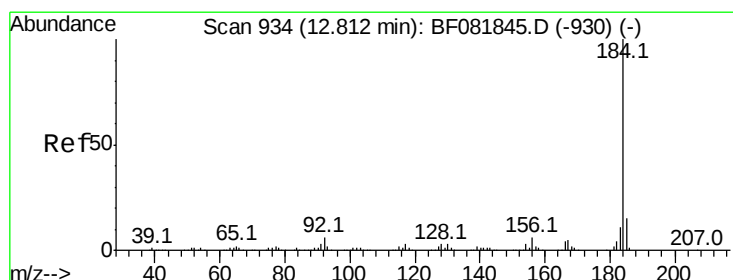
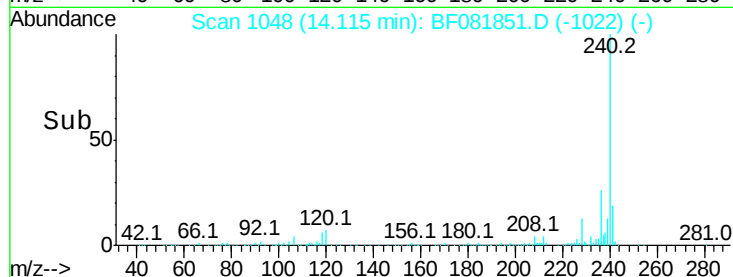
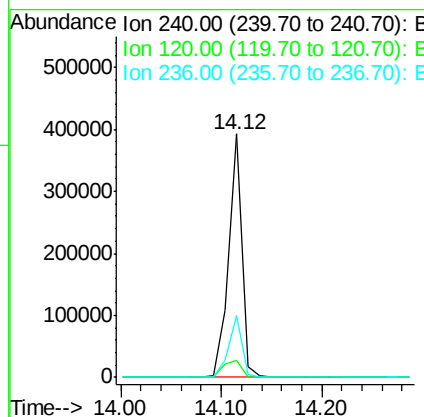
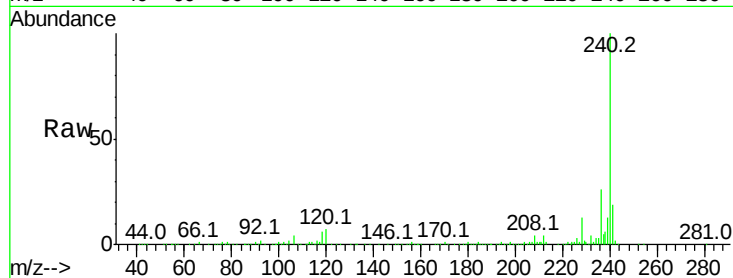
120 7.1 16.2 24.2#

236 25.5 18.4 27.6

Manual Integrations
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#76

Benzidine

Concen: 22.20 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

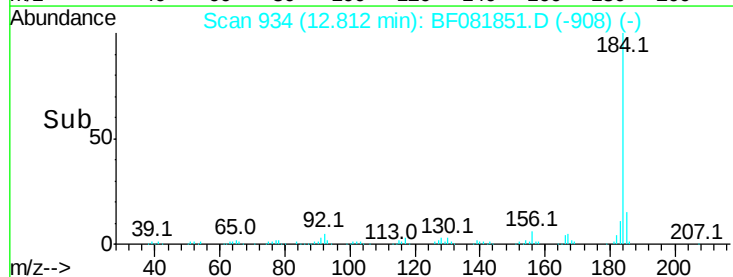
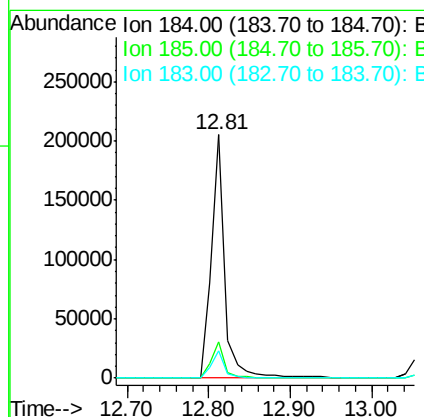
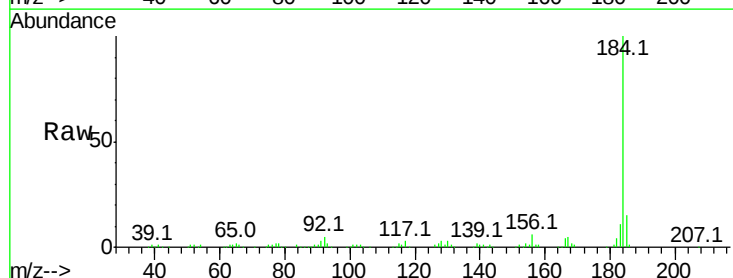
Tgt Ion:184 Resp: 241551

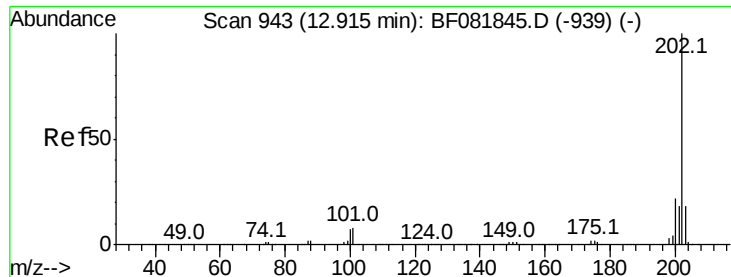
Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.6

183 11.2 7.6 11.4





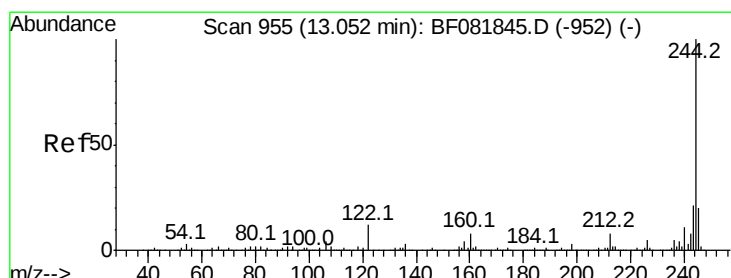
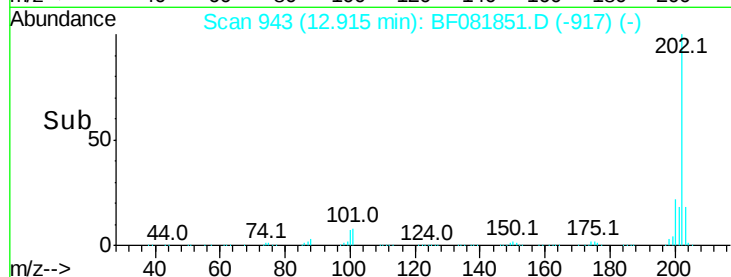
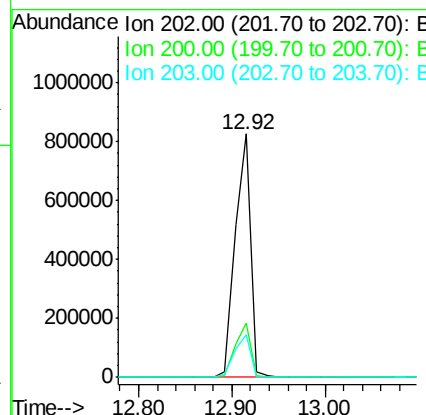
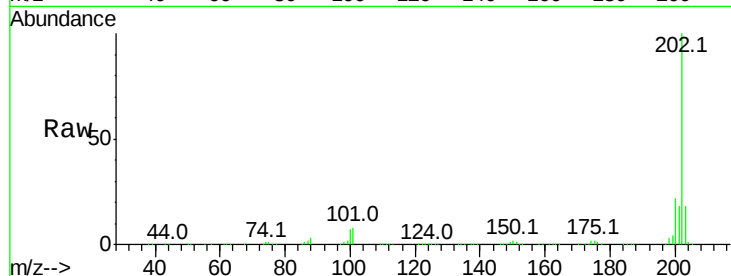
#77
Pvrene
Concen: 44.25 ng
RT: 12.92 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	15.0	22.4
203	17.6	14.1	21.1

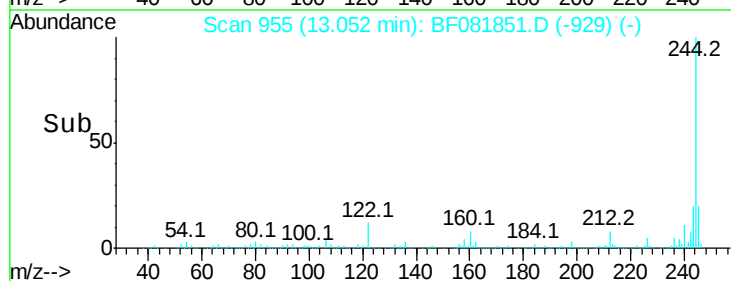
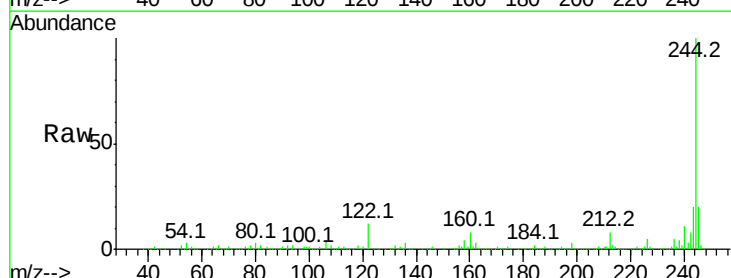
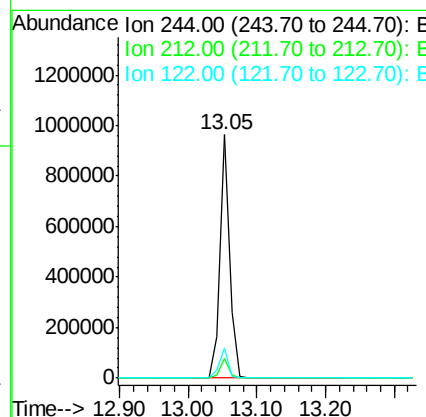
Manual Integrations
APPROVED

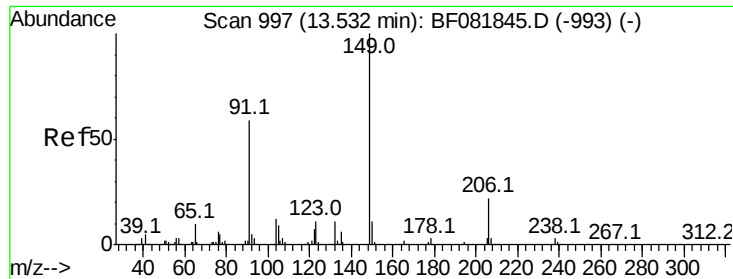
MMDadoda
9/29/2015 12:10:49 PM



#78
Terphenyl-d14
Concen: 86.53 ng
RT: 13.05 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	12.3	17.4	26.2#





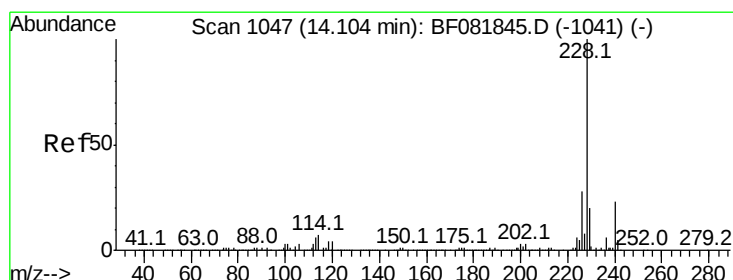
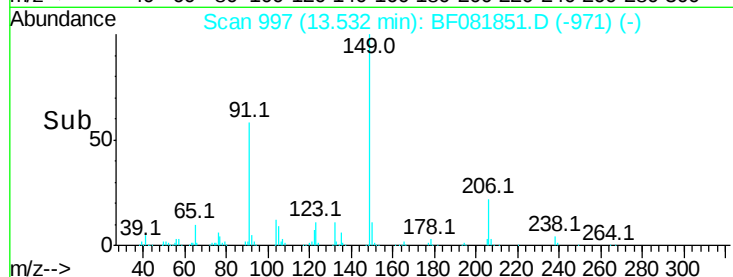
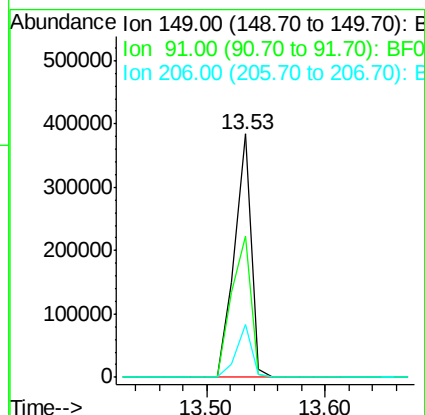
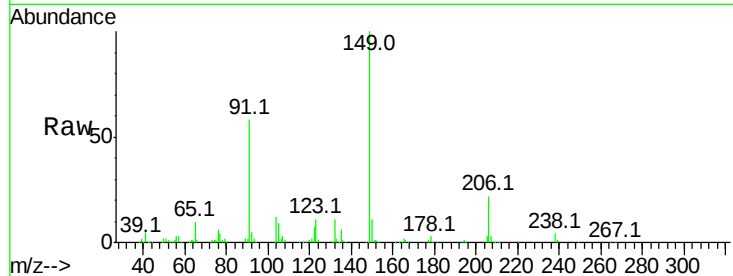
#79
Butylbenzylphthalate
Concen: 46.58 ng
RT: 13.53 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	378157		
91	58.0		48.6	72.8
206	21.7		14.9	22.3

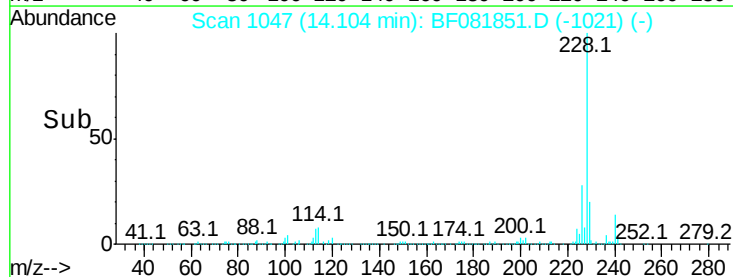
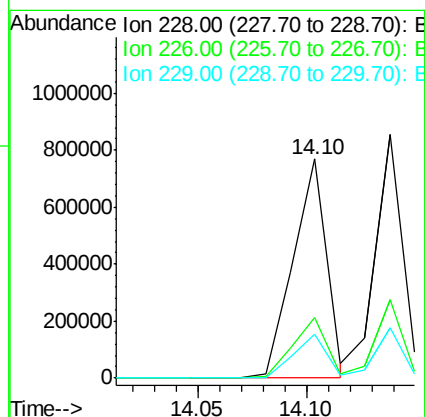
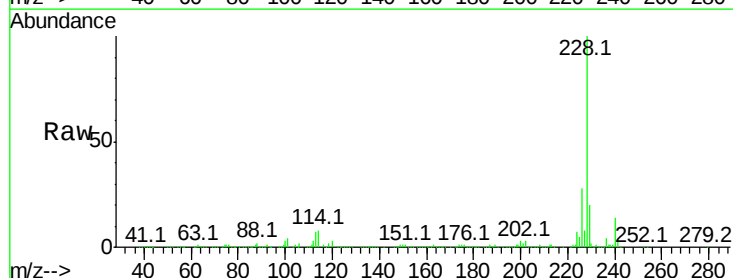
Manual Integrations
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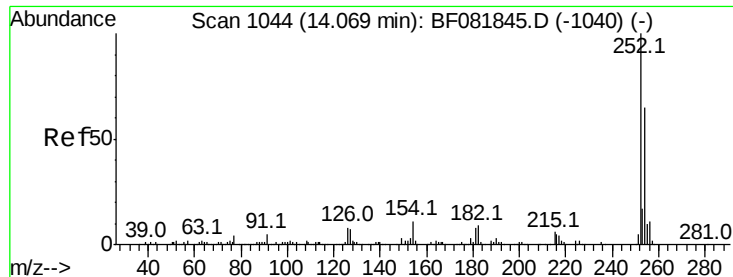
MMDadoda
9/29/2015 12:10:49 PM



#80
Benzo(a)anthracene
Concen: 42.51 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	826563		
226	27.9		20.0	30.0
229	19.8		15.4	23.2





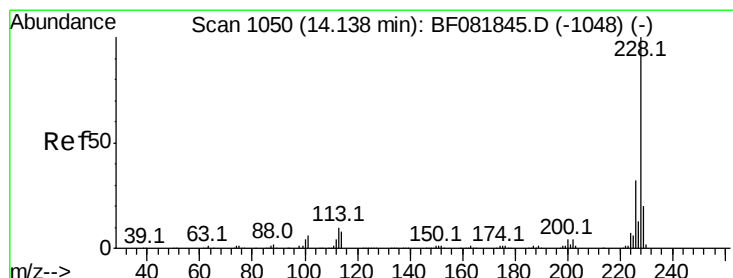
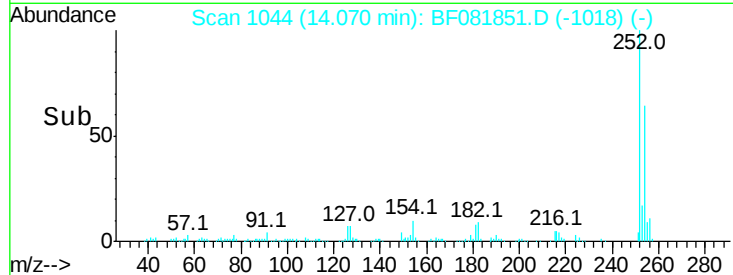
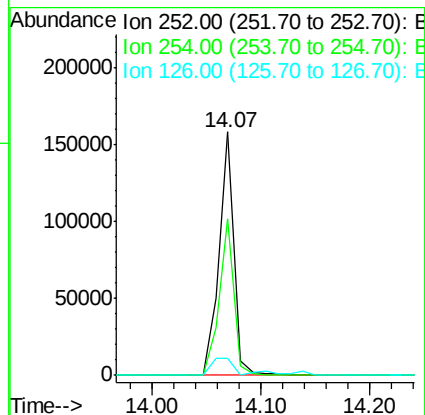
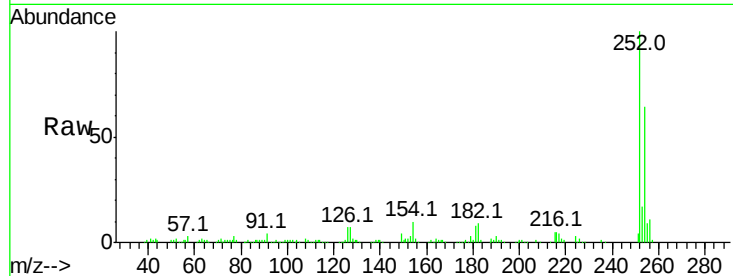
#81
 3,3'-Dichlorobenzidine
 Concen: 23.17 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	51.4	77.2
126	7.3	16.4	24.6

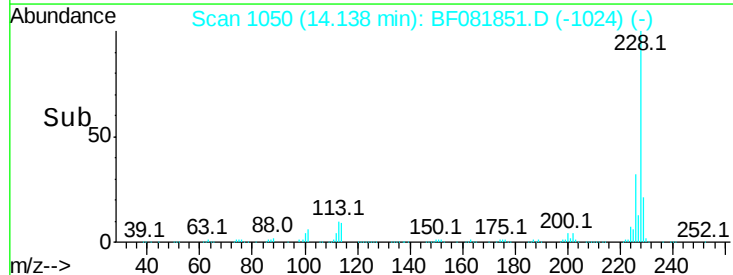
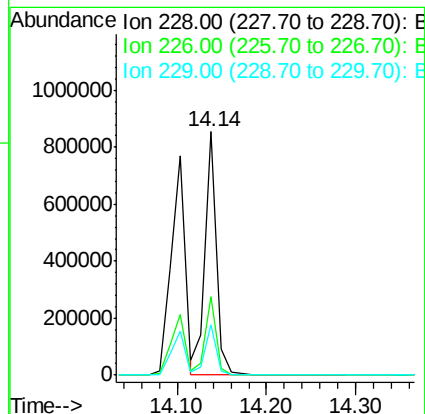
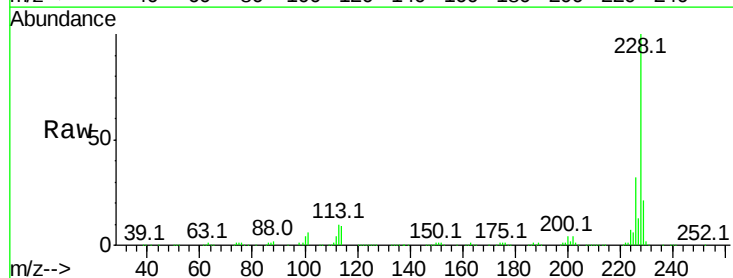
Manual Integrations
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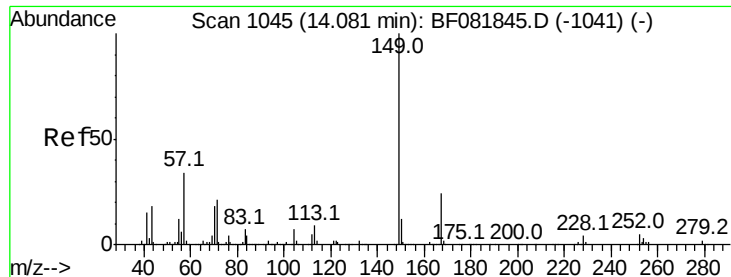
MMDadoda
 9/29/2015 12:10:49 PM



#82
 Chrysene
 Concen: 45.01 ng m
 RT: 14.14 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.4	21.0	31.4
229	20.6	15.6	23.4





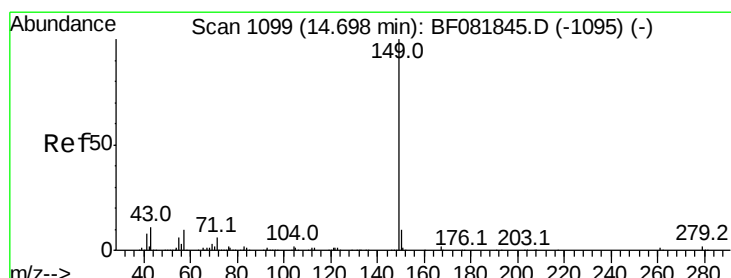
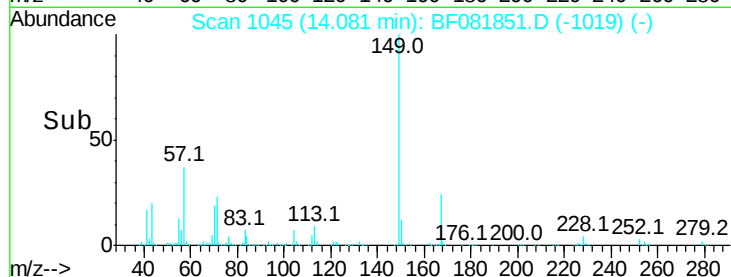
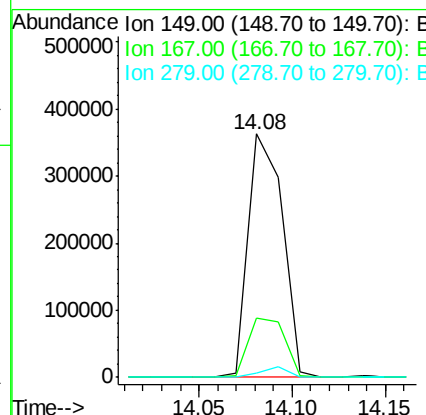
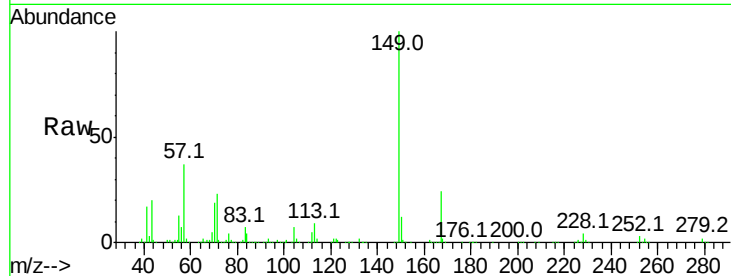
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.74 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	465767		
167	24.5	24.2	36.2	
279	1.9	3.8	5.6	

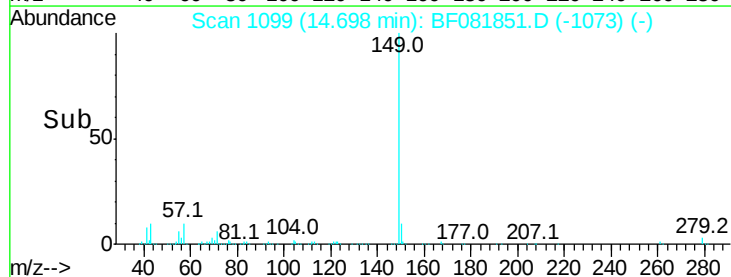
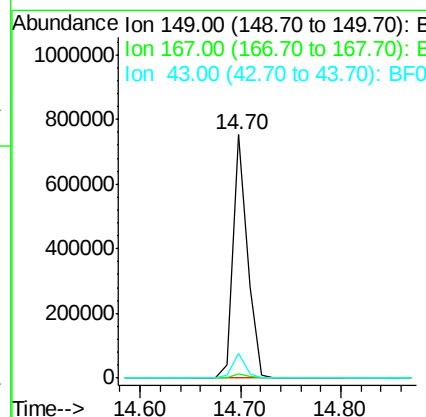
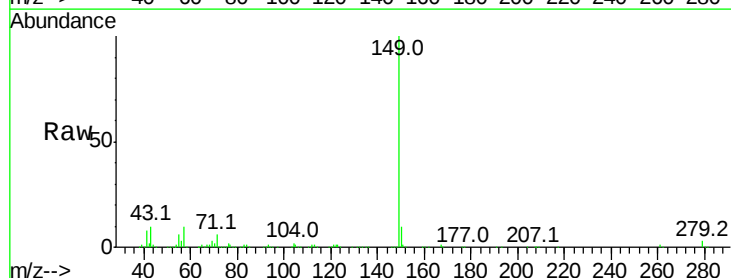
Manual Integrations
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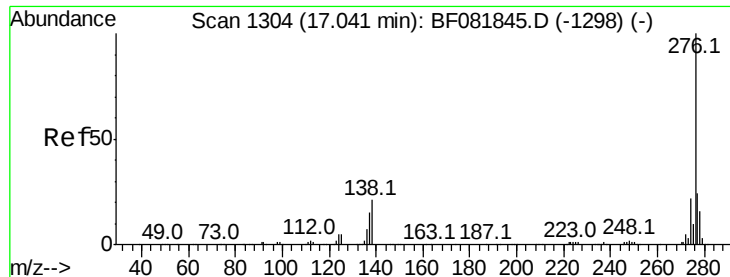
MMDadoda
 9/29/2015 12:10:49 PM



#84
 Di-n-octyl phthalate
 Concen: 45.15 ng
 RT: 14.70 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	748295		
167	1.5	1.0	1.6	
43	9.4	10.2	15.2	





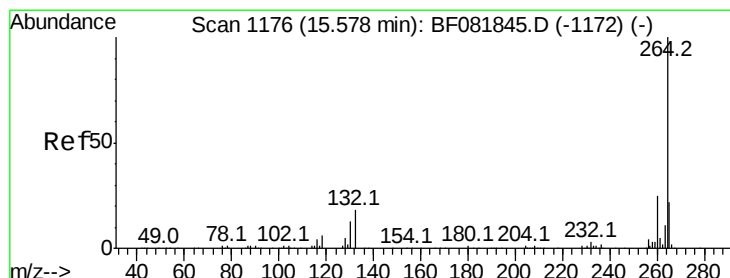
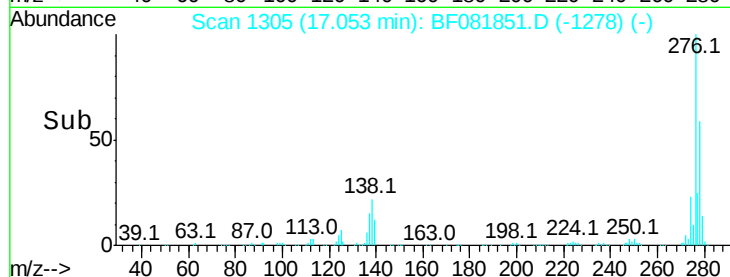
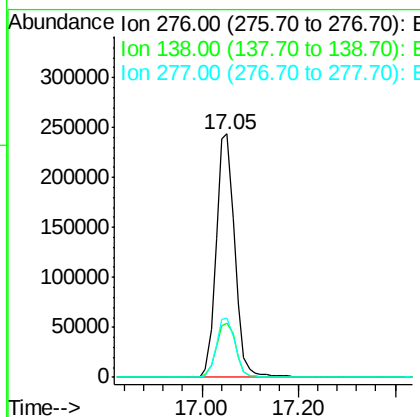
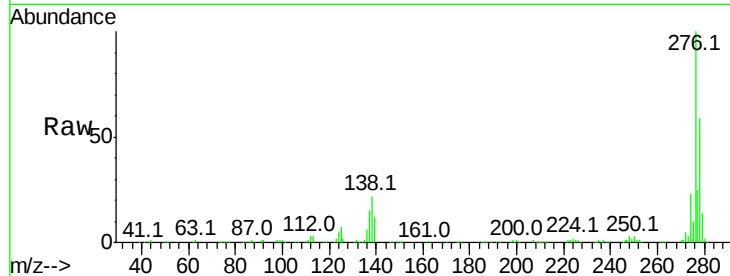
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.39 ng
RT: 17.05 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.7	38.5#
277	24.8	15.6	23.4#

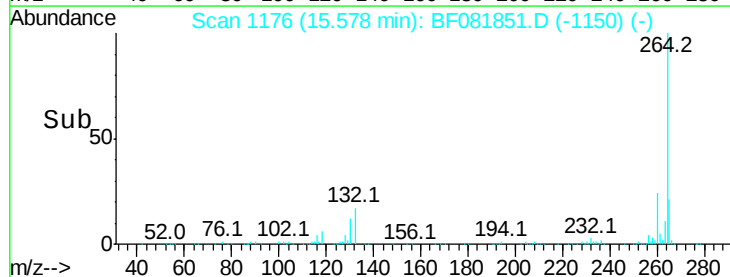
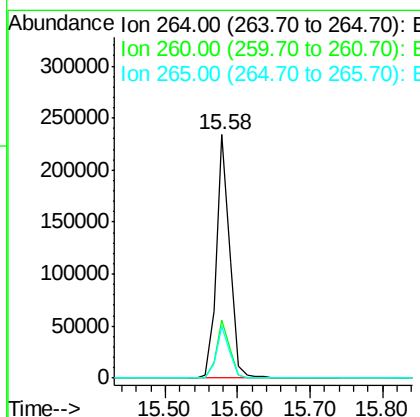
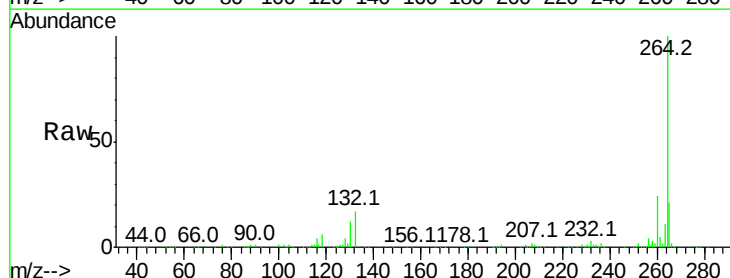
Manual Integrations
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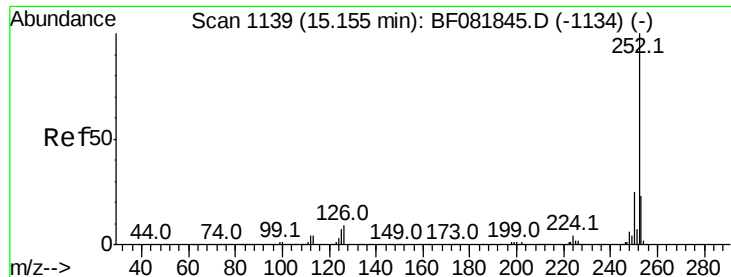
MMDadoda
9/29/2015 12:10:49 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.87 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

Instrument :

BNA_F

ClientSampleId :

PB85617BSD

Tot Ion:252 Resp: 779054

Ion Ratio Lower Upper

252 100

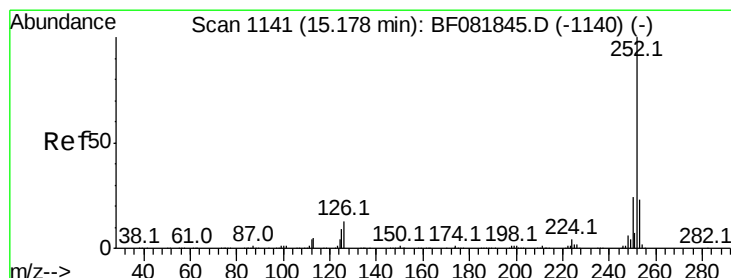
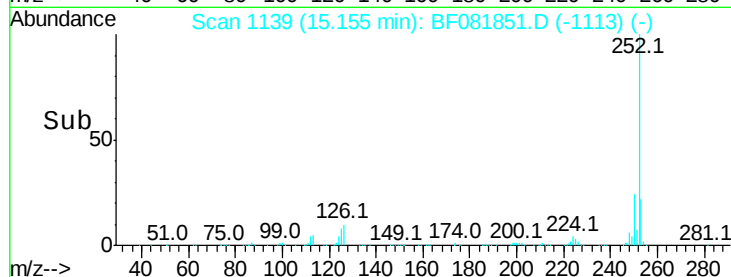
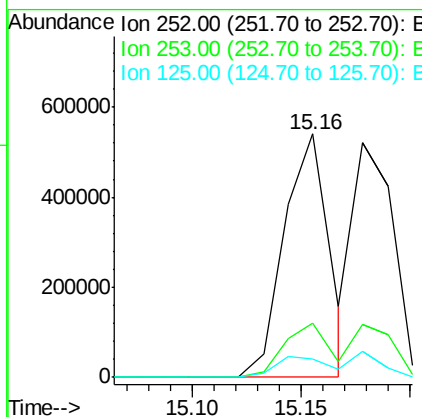
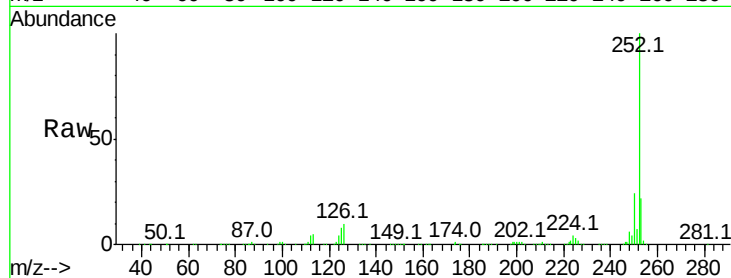
253 22.2 17.5 26.3

125 7.5 17.1 25.7#

Manual Integrations
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9/29/2015 12:10:49 PM



#88

Benzo(k)fluoranthene

Concen: 44.31 ng m

RT: 15.18 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF081851.D

Acq: 28 Sep 2015 19:13

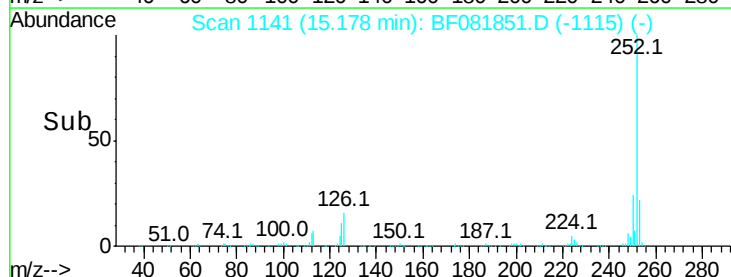
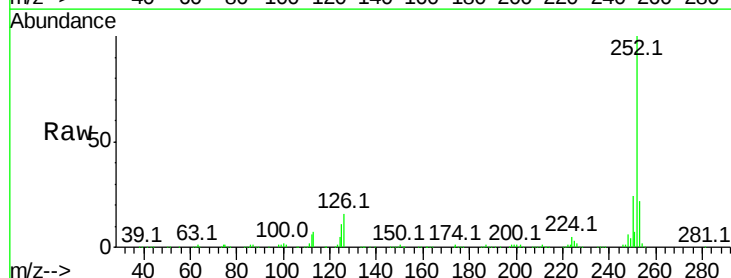
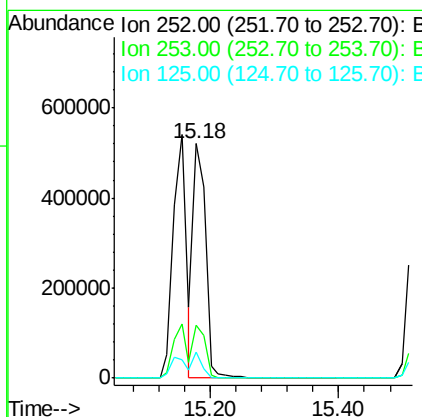
Tgt Ion:252 Resp: 689696

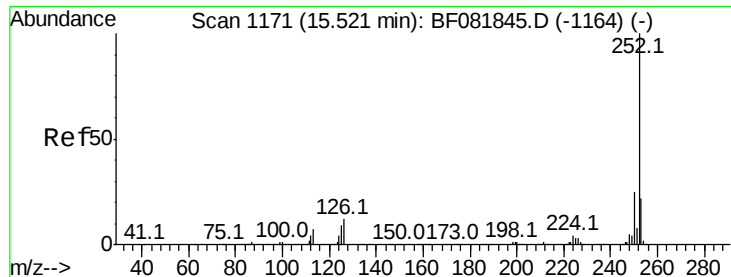
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 11.1 16.0 24.0#





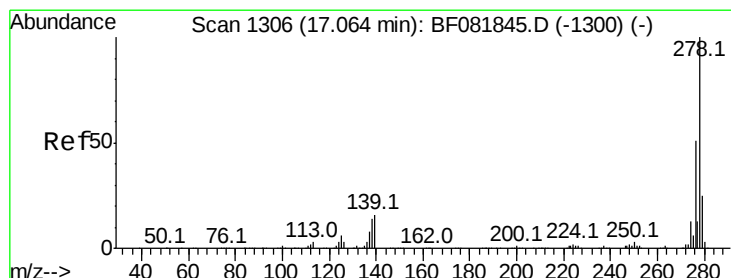
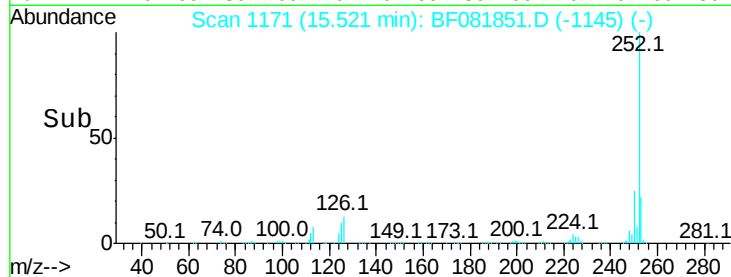
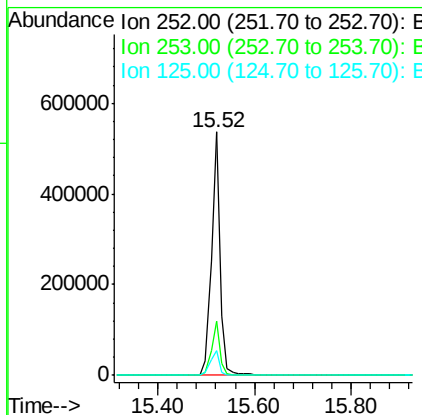
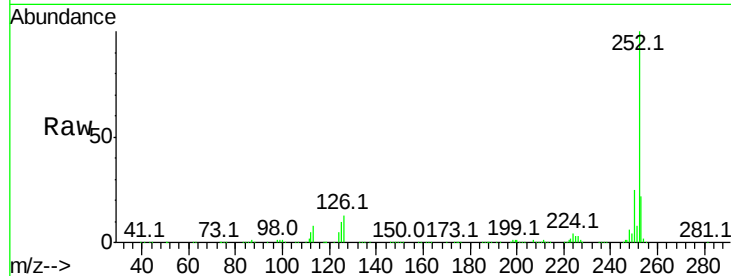
#89
Benzo(a)pyrene
Concen: 46.38 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Instrument :
BNA_F
ClientSampleId :
PB85617BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	683232		
253	22.4		17.2	25.8
125	9.9		18.0	27.0

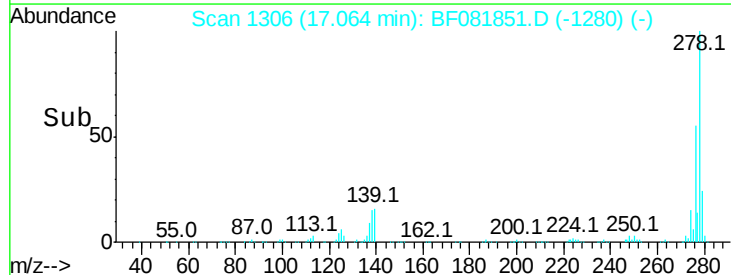
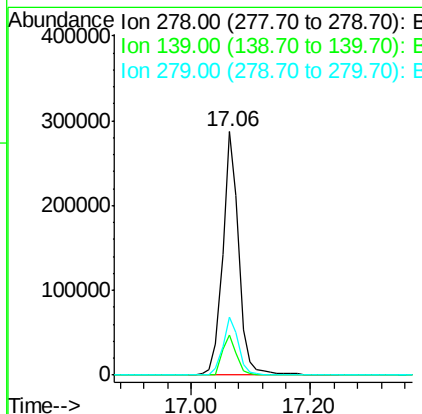
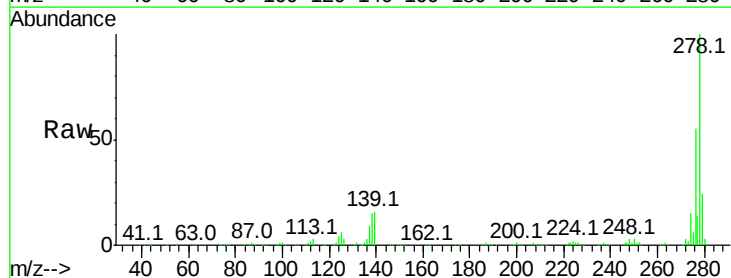
Manual Integrations
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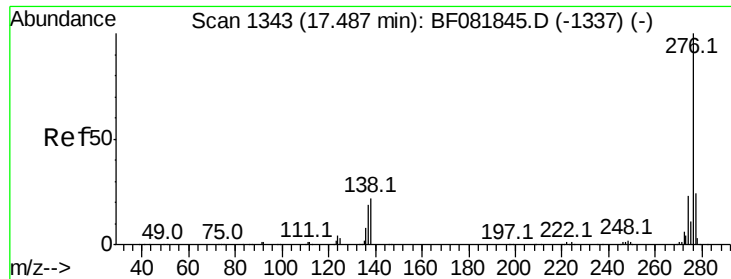
MMDadoda
9/29/2015 12:10:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.44 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF081851.D
Acq: 28 Sep 2015 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	536972		
139	16.4		26.3	39.5
279	23.7		18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.36 ng
 RT: 17.50 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF081851.D
 Acq: 28 Sep 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	17.8	26.6
138	17.8	34.6	51.8#

Manual Integrations
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 9/29/2015 12:10:49 PM

