

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081846.D
 Acq On : 28 Sep 2015 16:32
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:26 PM

Quant Time: Sep 28 17:22:24 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 16:48:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	108153	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	432081	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	205859	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	390249	20.00	ng	0.00
75) Chrysene-d12	14.12	240	362066	20.00	ng	0.00
86) Perylene-d12	15.58	264	286134	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	587748	91.94	ng	0.00
7) Phenol-d6	6.56	99	702895	86.92	ng	0.00
23) Nitrobenzene-d5	7.51	82	640545	97.81	ng	0.01
41) 2,4,6-Tribromophenol	10.78	330	196437	109.91	ng	0.01
44) 2-Fluorobiphenyl	9.30	172	1206637	96.22	ng	0.00
78) Terphenyl-d14	13.05	244	1026212	64.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	127629	40.33	ng	86
3) Pyridine	3.29	79	343626	38.50	ng	85
4) n-Nitrosodimethylamine	3.26	42	151041	35.85	ng	96
6) Aniline	6.59	93	483656	39.95	ng	# 83
8) 2-Chlorophenol	6.72	128	313916	44.56	ng	100
9) Benzaldehyde	6.48	77	234690	49.09	ng	# 78
10) Phenol	6.57	94	400671	42.66	ng	# 65
11) bis(2-Chloroethyl)ether	6.67	93	308511	44.79	ng	92
12) 1,3-Dichlorobenzene	6.87	146	368879	44.25	ng	# 93
13) 1,4-Dichlorobenzene	6.95	146	383979m	45.53	ng	
14) 1,2-Dichlorobenzene	7.11	146	340416	43.38	ng	99
15) Benzyl Alcohol	7.07	79	257384	40.36	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.21	45	435354	36.95	ng	80
17) 2-Methylphenol	7.19	107	261459	43.94	ng	# 87
18) Hexachloroethane	7.44	117	123379	44.92	ng	91
19) n-Nitroso-di-n-propylamine	7.35	70	214751	39.84	ng	# 78
20) 3+4-Methylphenols	7.34	107	318205	42.57	ng	# 71
22) Acetophenone	7.35	105	407054	42.95	ng	# 81
24) Nitrobenzene	7.52	77	321067	43.94	ng	# 68
25) Isophorone	7.76	82	616293	42.48	ng	# 92
26) 2-Nitrophenol	7.84	139	175896	66.28	ng	# 79
27) 2,4-Dimethylphenol	7.87	122	297235	45.18	ng	# 83
28) bis(2-Chloroethoxy)methane	7.98	93	347447	41.00	ng	# 96
29) 2,4-Dichlorophenol	8.08	162	281358	45.93	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	303512	44.15	ng	96
31) Naphthalene	8.24	128	855684	42.93	ng	97
32) Benzoic acid	8.00	122	174527	136.24	ng	# 74
33) 4-Chloroaniline	8.30	127	407115	46.54	ng	# 92
34) Hexachlorobutadiene	8.35	225	176712	43.58	ng	98
35) Caprolactam	8.67	113	83876	51.26	ng	90
36) 4-Chloro-3-methylphenol	8.78	107	281094	45.79	ng	89
37) 2-Methylnaphthalene	8.94	142	628522	44.25	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	287993	43.83	ng	98
40) Hexachlorocyclopentadiene	9.09	237	171548	60.92	ng	97

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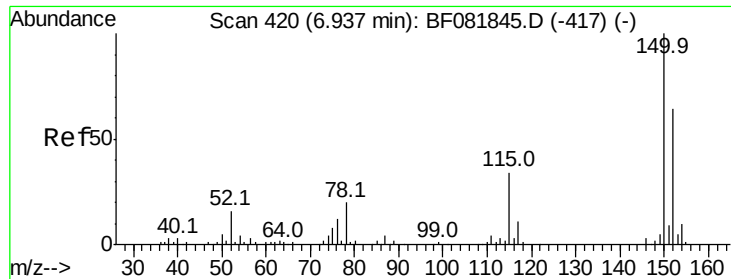
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	204931	47.34	nq	100
43) 2,4,5-Trichlorophenol	9.26	196	217531	51.07	nq #	93
45) 1,1'-Biphenyl	9.41	154	743557	46.19	nq	94
46) 2-Chloronaphthalene	9.43	162	610529	47.15	nq	97
47) 2-Nitroaniline	9.52	65	178311	51.78	nq #	65
48) Acenaphthylene	9.84	152	909839	41.52	nq	96
49) Dimethylphthalate	9.70	163	662026	42.26	nq #	98
50) 2,6-Dinitrotoluene	9.77	165	155900	51.56	nq #	90
51) Acenaphthene	10.01	154	533271	42.23	nq	89
52) 3-Nitroaniline	9.94	138	192199	58.61	nq #	87
53) 2,4-Dinitrophenol	10.03	184	54772	176.43	nq #	28
54) Dibenzofuran	10.18	168	756095	40.82	nq #	87
55) 4-Nitrophenol	10.09	139	130437	57.68	nq #	50
56) 2,4-Dinitrotoluene	10.17	165	210988	58.29	nq #	93
57) Fluorene	10.53	166	575039	40.45	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.30	232	166754	51.29	nq	97
59) Diethylphthalate	10.40	149	634134	41.80	nq	98
60) 4-Chlorophenyl-phenylether	10.53	204	280191	42.94	nq	91
61) 4-Nitroaniline	10.56	138	188016	59.02	nq #	58
62) Azobenzene	10.67	77	606087	39.07	nq	86
64) 4,6-Dinitro-2-methylphenol	10.57	198	86407	112.05	nq	92
65) n-Nitrosodiphenylamine	10.64	169	536519	40.77	nq	91
66) 4-Bromophenyl-phenylether	11.02	248	187801	43.22	nq #	81
67) Hexachlorobenzene	11.07	284	217000	47.86	nq #	83
68) Atrazine	11.17	200	168982	42.94	nq	83
69) Pentachlorophenol	11.27	266	132999	71.77	nq	100
70) Phenanthrene	11.50	178	942498	42.24	nq	96
71) Anthracene	11.54	178	902426	41.98	nq	97
72) Carbazole	11.70	167	873057	43.74	nq	95
73) Di-n-butylphthalate	12.02	149	890384	36.65	nq #	97
74) Fluoranthene	12.69	202	978688	43.53	nq	86
76) Benzidine	12.81	184	558088	45.42	nq #	96
77) Pyrene	12.92	202	1026518	37.61	nq	96
79) Butylbenzylphthalate	13.53	149	399858	36.76	nq	97
80) Benzo(a)anthracene	14.10	228	878042	39.99	nq	96
81) 3,3'-Dichlorobenzidine	14.07	252	331934	47.60	nq #	94
82) Chrysene	14.14	228	814432m	38.68	nq	
83) Bis(2-ethylhexyl)phthalate	14.08	149	474134	35.94	nq #	90
84) Di-n-octyl phthalate	14.70	149	782908	40.36	nq #	93
85) Indeno(1,2,3-cd)pyrene	17.05	276	710169	36.84	nq #	86
87) Benzo(b)fluoranthene	15.16	252	788684	46.48	nq #	85
88) Benzo(k)fluoranthene	15.18	252	707080m	43.26	nq	
89) Benzo(a)pyrene	15.52	252	682606	44.56	nq #	86
90) Dibenzo(a,h)anthracene	17.06	278	570822	35.76	nq #	83
91) Benzo(g,h,i)perylene	17.50	276	581652	35.34	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: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

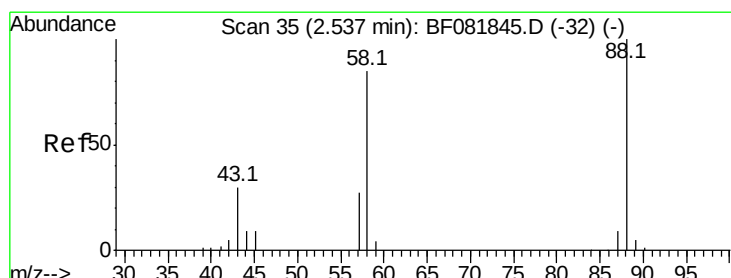
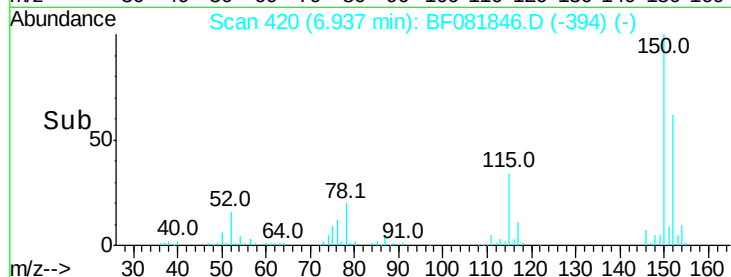
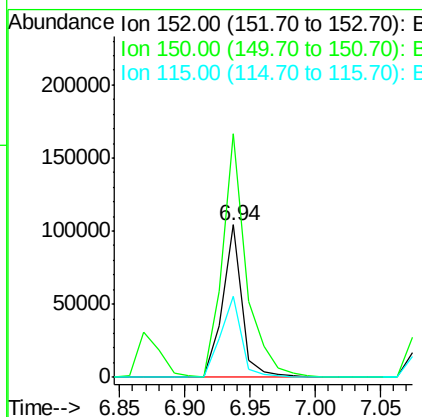
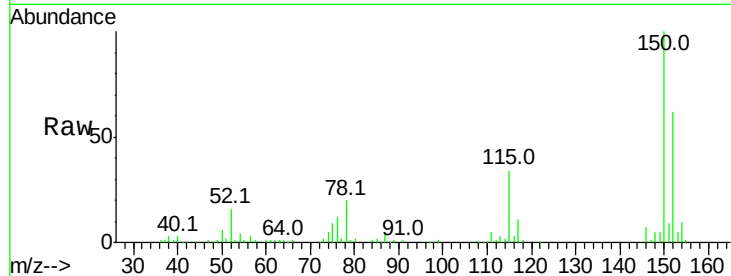
ClientSampleId :

SSTDIC050

Tot Ion:	152	Resp:	108153
Ion Ratio	Lower	Upper	
152	100		
150	160.0	124.7	187.1
115	53.7	39.0	58.4

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#2

1,4-Dioxane

Concen: 40.33 ng

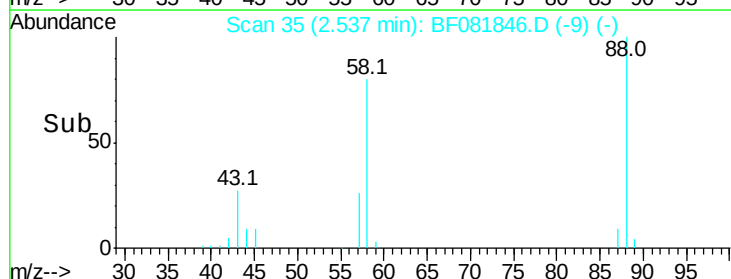
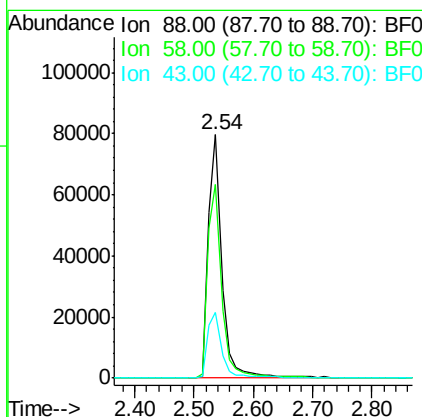
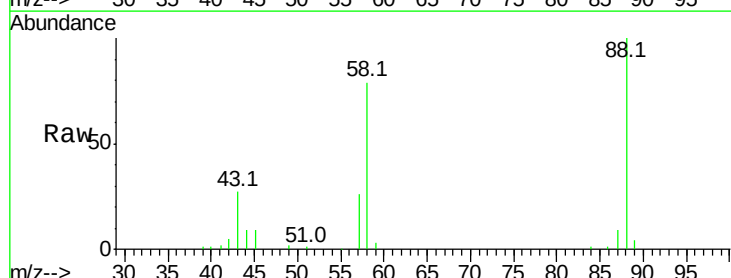
RT: 2.54 min Scan# 35

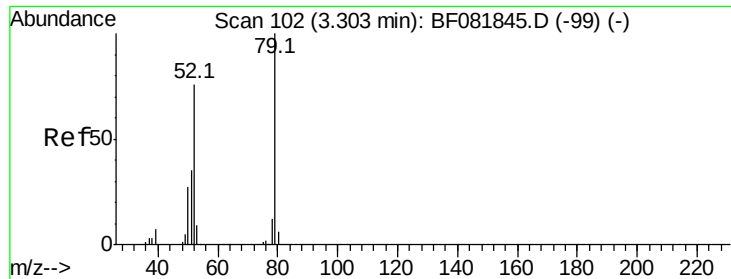
Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Tgt Ion:	88	Resp:	127629
Ion Ratio	Lower	Upper	
88	100		
58	82.2	77.7	116.5
43	28.3	26.6	40.0





#3

Pvridine

Concen: 38.50 ng

RT: 3.29 min Scan# 101

Delta R.T. -0.01 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

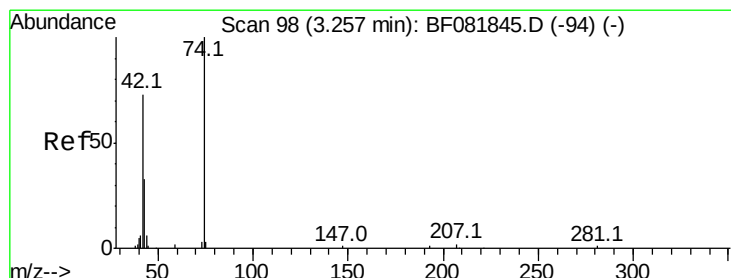
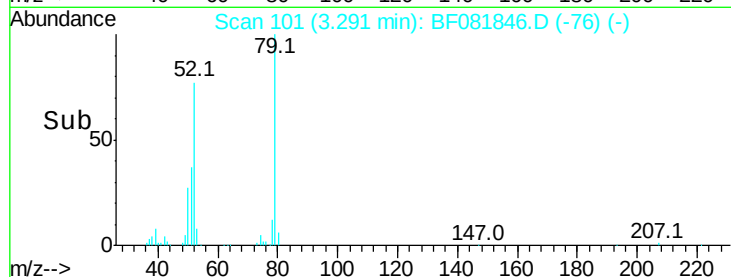
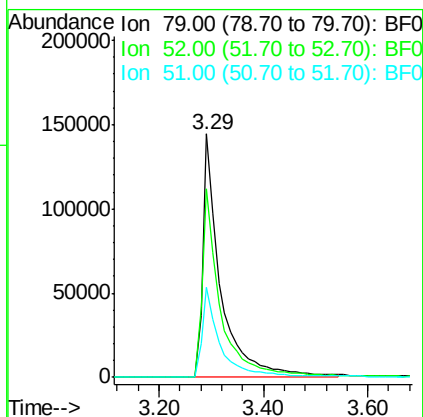
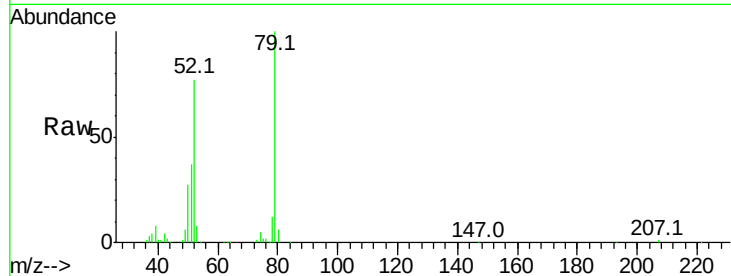
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	343626
Ion	Ratio	Lower	Upper
79	100		
52	77.5	76.8	115.2
51	37.2	32.2	48.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.85 ng

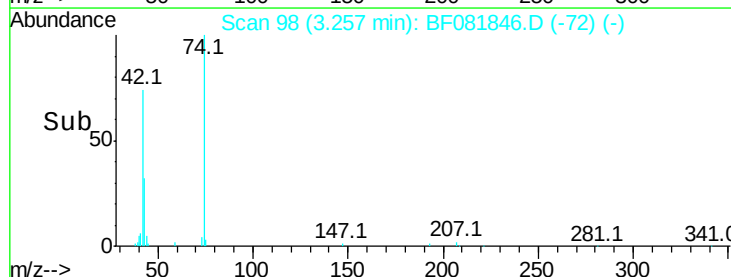
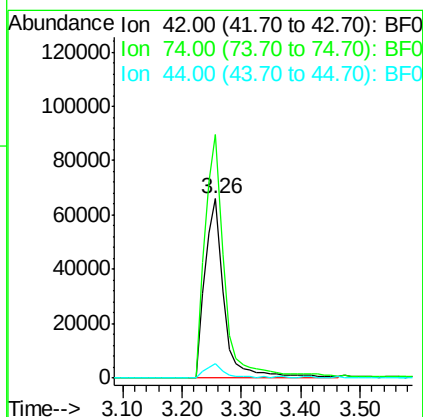
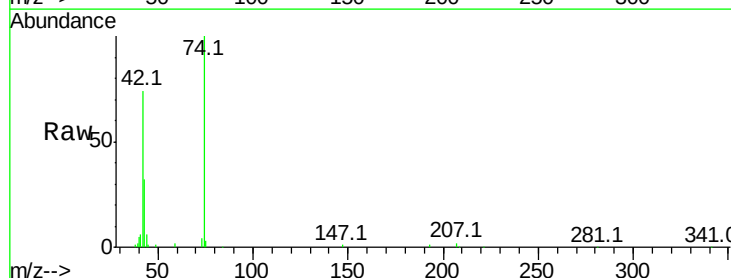
RT: 3.26 min Scan# 98

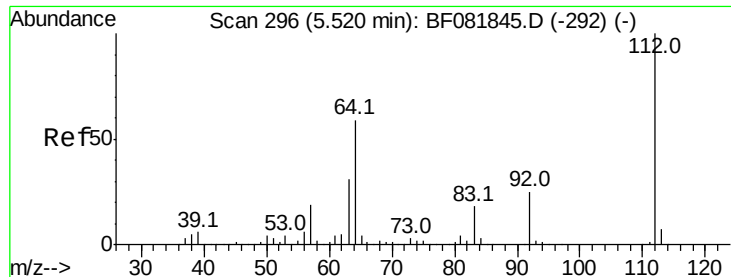
Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Tgt Ion:	42	Resp:	151041
Ion	Ratio	Lower	Upper
42	100		
74	135.9	105.0	157.6
44	7.8	6.6	10.0





#5

2-Fluorophenol

Concen: 91.94 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

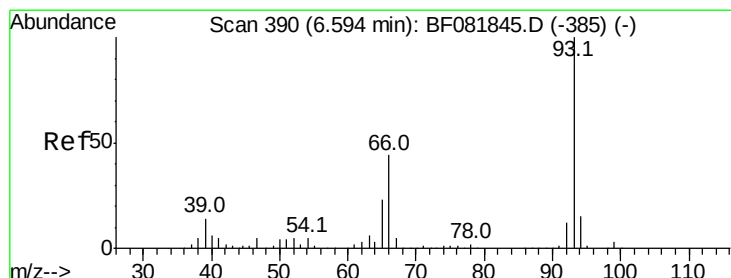
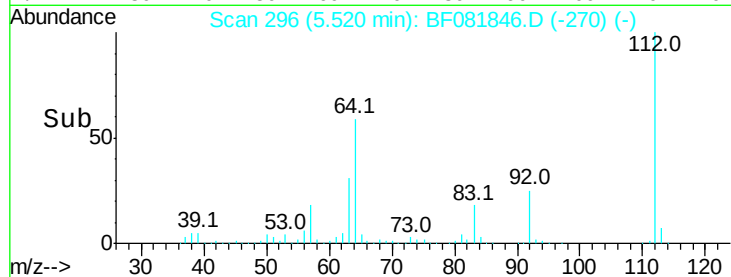
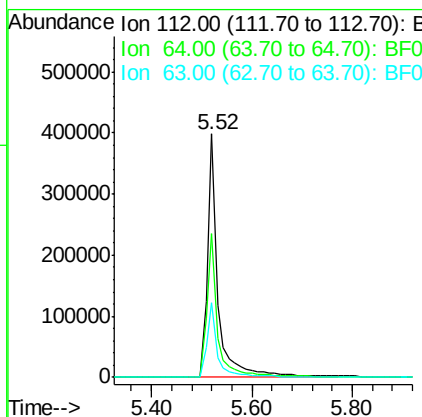
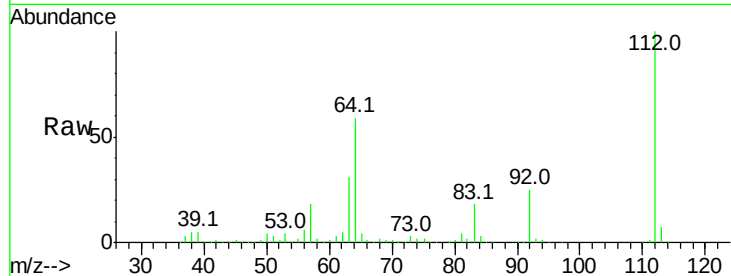
ClientSampleId :

SSTDICC050

Tot Ion:	112	Resp:	587748
Ion Ratio	Lower	Upper	
112	100		
64	58.9	39.7	59.5
63	30.5	17.4	26.0#

Manual Integrations
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#6

Aniline

Concen: 39.95 ng

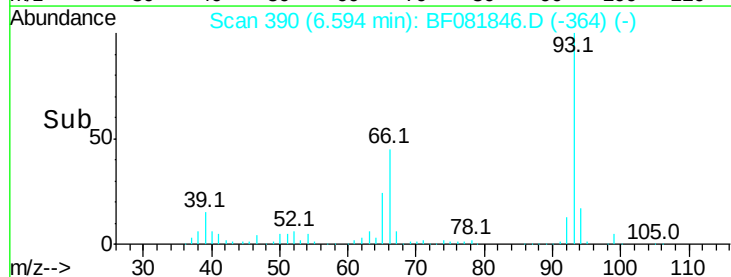
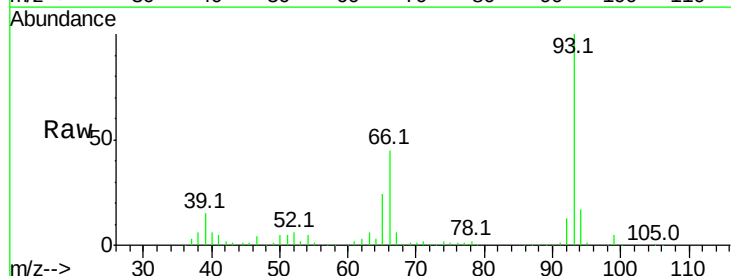
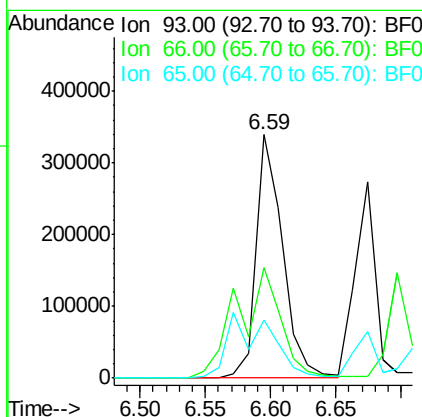
RT: 6.59 min Scan# 390

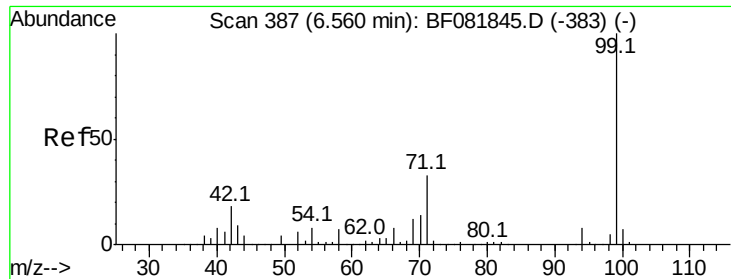
Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Tgt Ion:	93	Resp:	483656
Ion Ratio	Lower	Upper	
93	100		
66	45.3	27.2	40.8#
65	23.9	14.7	22.1#





#7

Phenol-d6

Concen: 86.92 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 702895

Ion Ratio Lower Upper

99 100

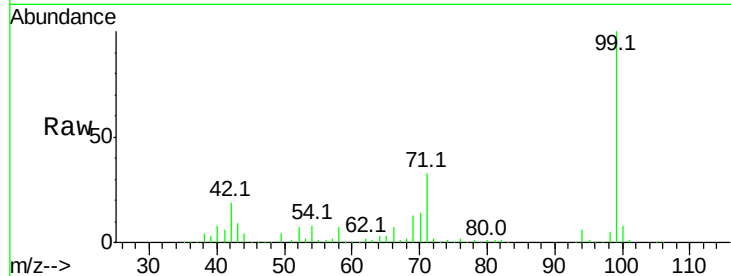
42 18.5 13.7 20.5

71 33.5 14.2 21.2#

Manual Integrations
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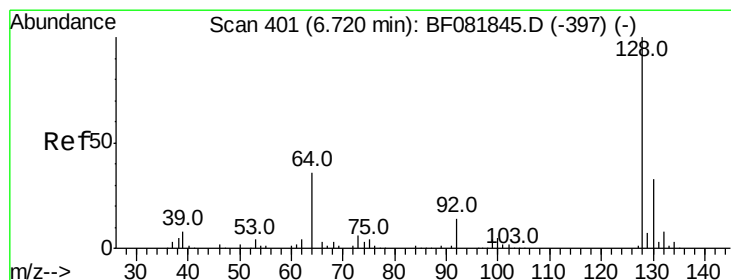
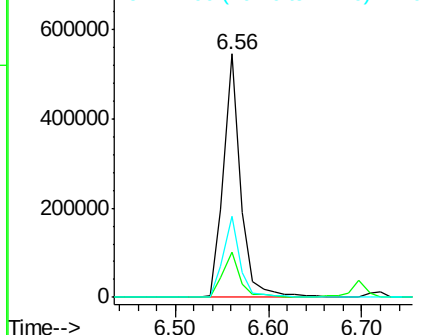
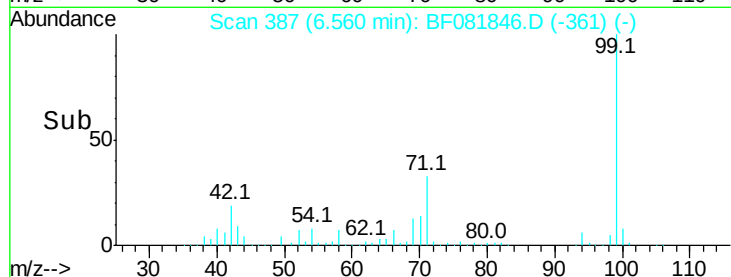
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.56 ng

RT: 6.72 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

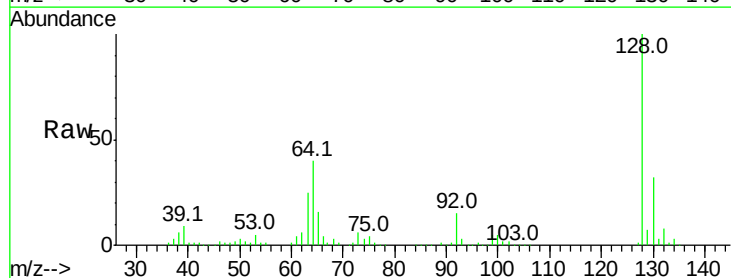
Tgt Ion: 128 Resp: 313916

Ion Ratio Lower Upper

128 100

130 32.4 12.2 52.2

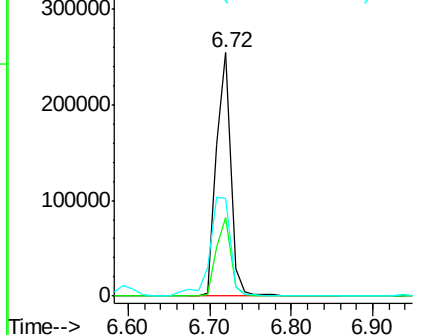
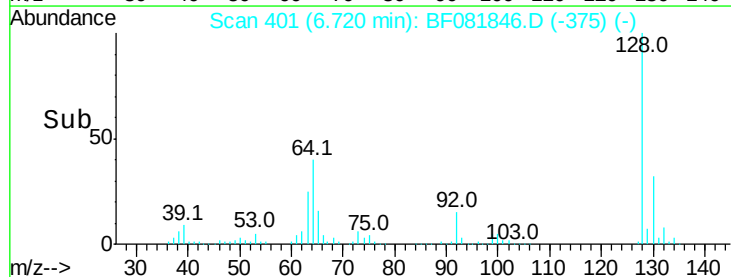
64 40.4 20.5 60.5

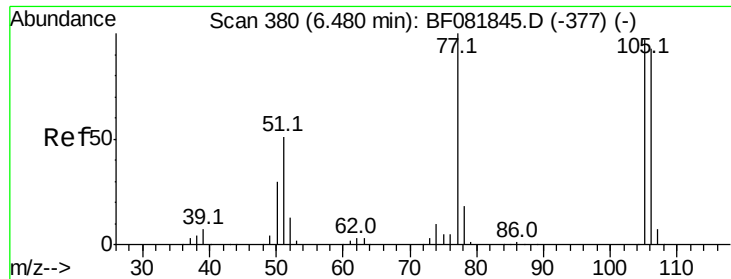


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 49.09 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 234690

Ion Ratio Lower Upper

77 100

105 95.7 91.6 131.6

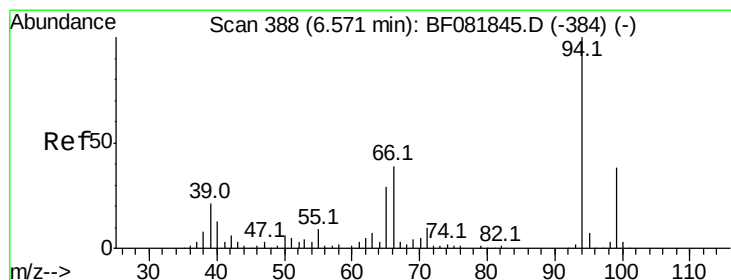
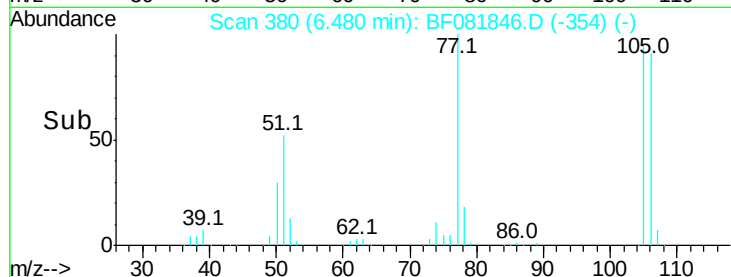
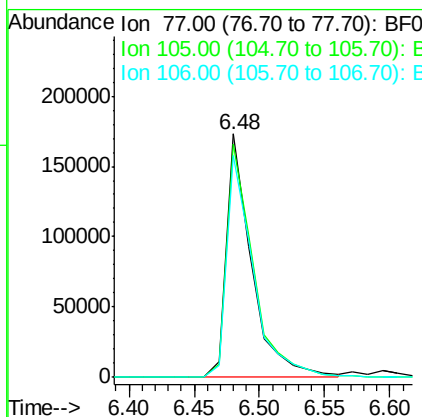
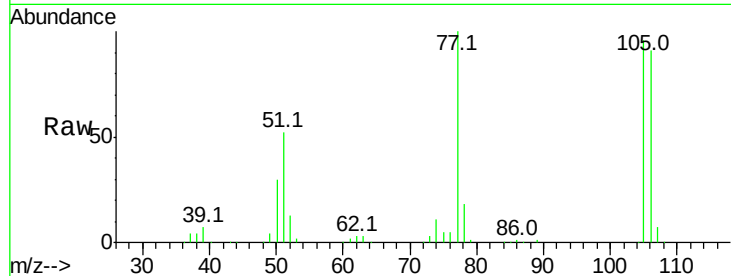
106 91.3 102.6 142.6#

Manual Integrations

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#10

Phenol

Concen: 42.66 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

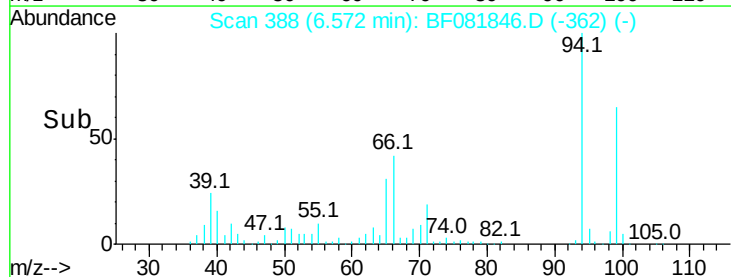
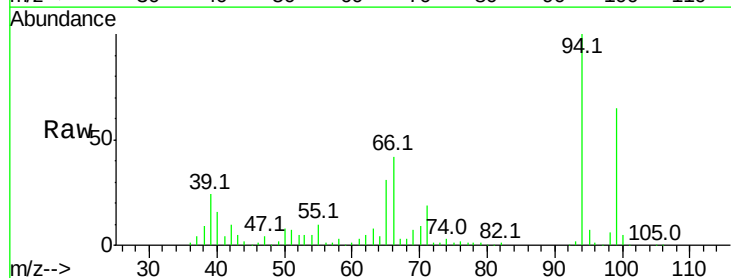
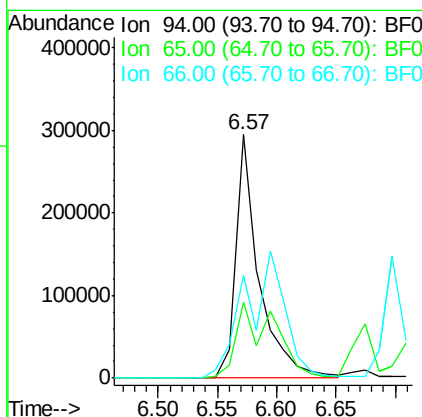
Tgt Ion: 94 Resp: 400671

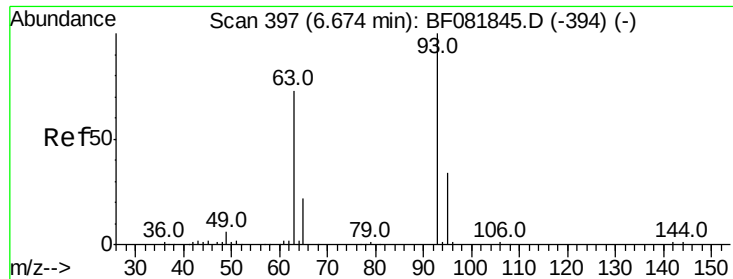
Ion Ratio Lower Upper

94 100

65 31.3 0.7 40.7

66 42.4 0.8 40.8#





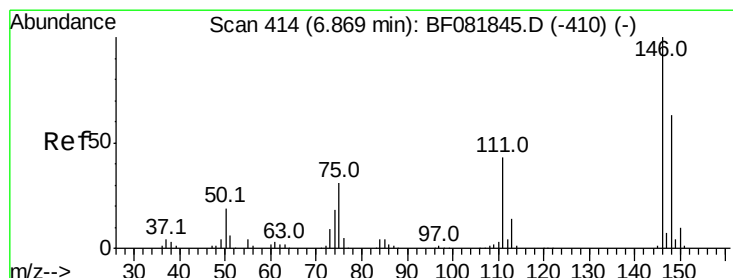
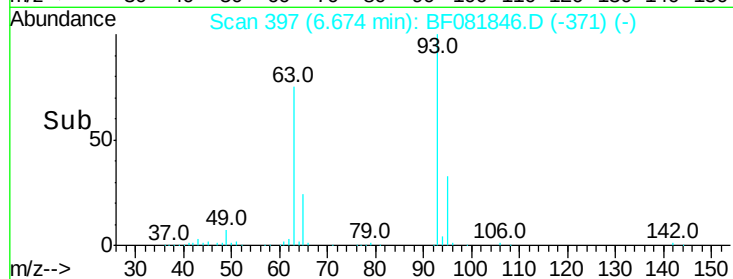
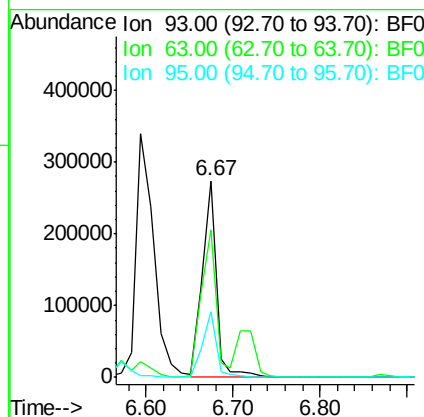
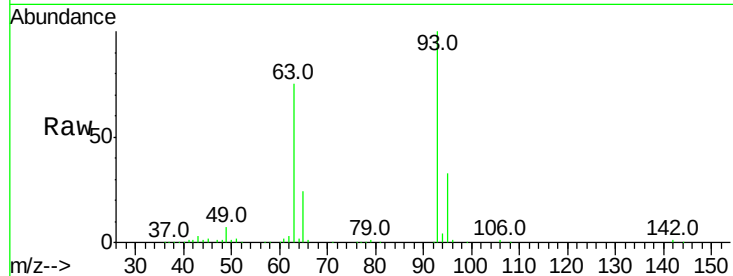
#11
bis(2-Chloroethyl)ether
Concen: 44.79 ng
RT: 6.67 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	65.6	105.6
95	33.2	13.6	53.6

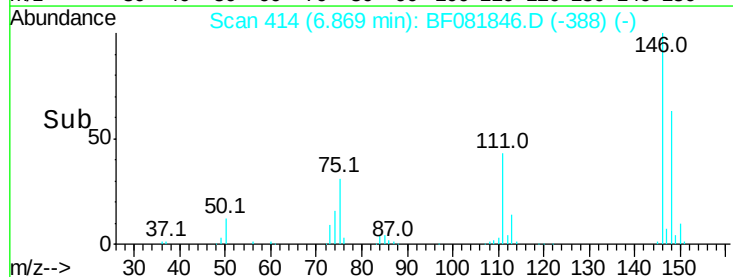
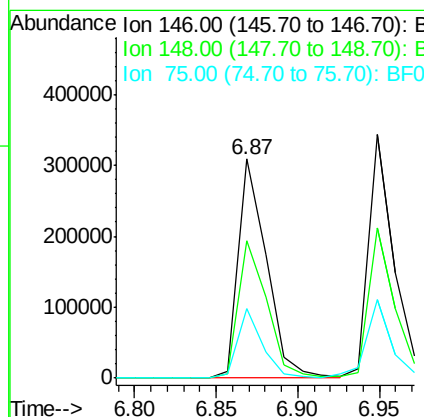
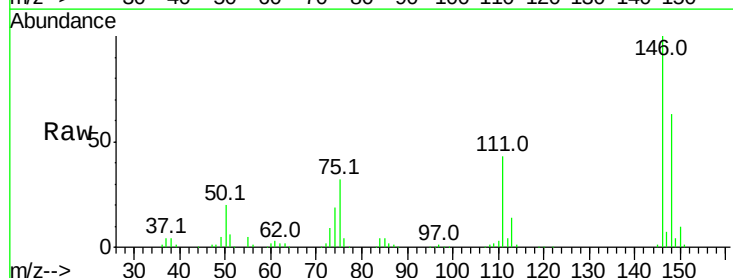
Manual Integrations
APPROVED

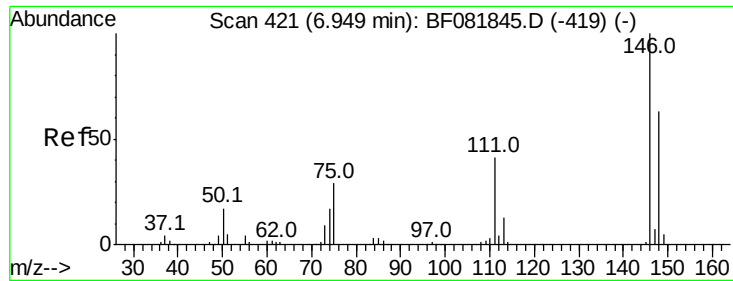
MMDadoda
9/29/2015 12:10:26 PM



#12
1,3-Dichlorobenzene
Concen: 44.25 ng
RT: 6.87 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.4
75	31.8	15.0	22.6





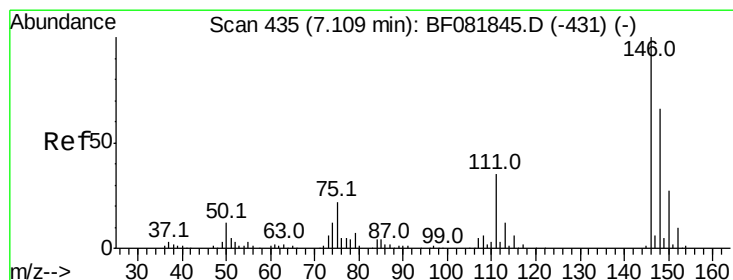
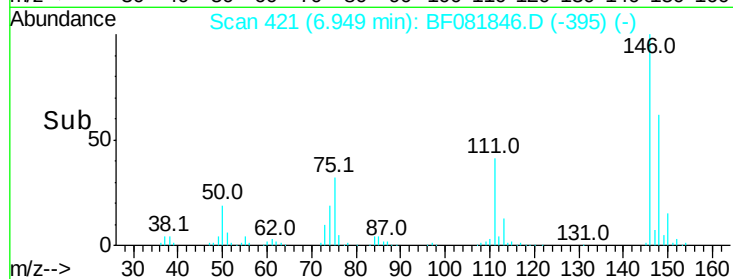
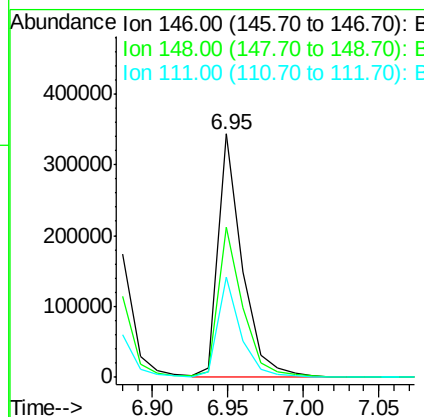
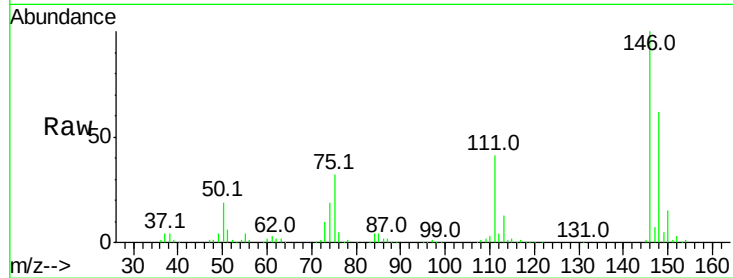
#13
 1,4-Dichlorobenzene
 Concen: 45.53 ng m
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.8	77.6
111	41.2	24.9	37.3

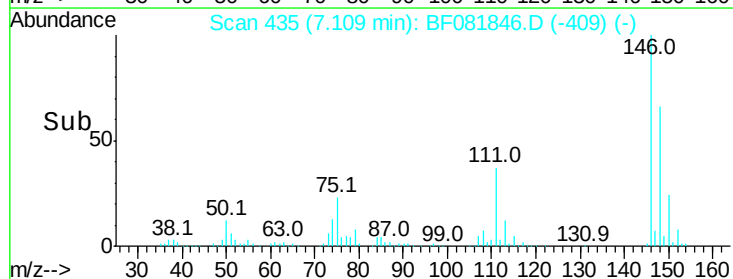
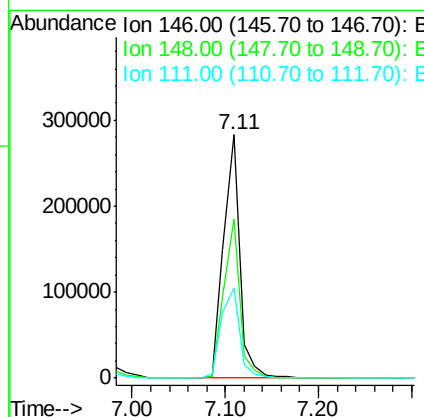
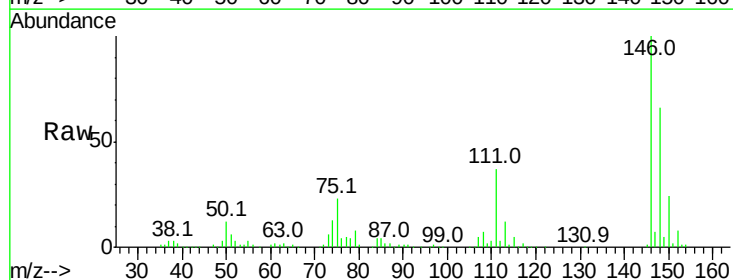
Manual Integrations
 APPROVED

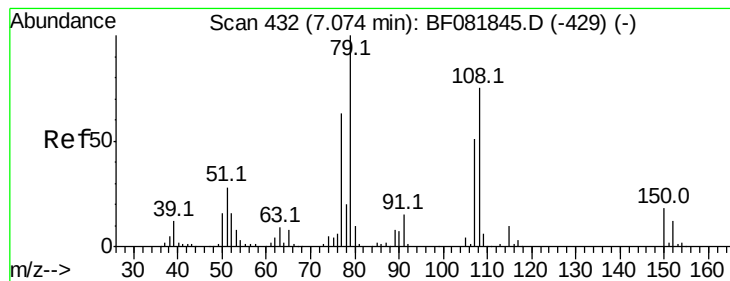
MMDadoda
 9/29/2015 12:10:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.38 ng
 RT: 7.11 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.7	79.1
111	37.0	28.8	43.2





#15

Benzyl Alcohol

Concen: 40.36 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 257384

Ion Ratio Lower Upper

79 100

108 74.4 88.6 132.8#

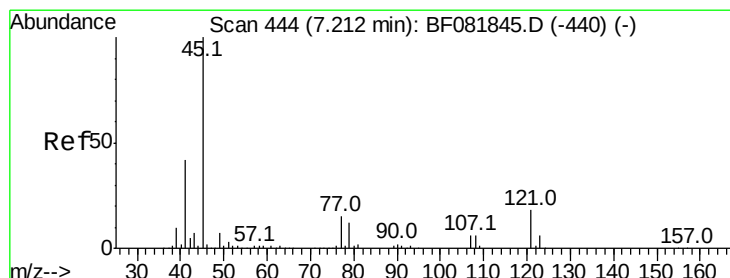
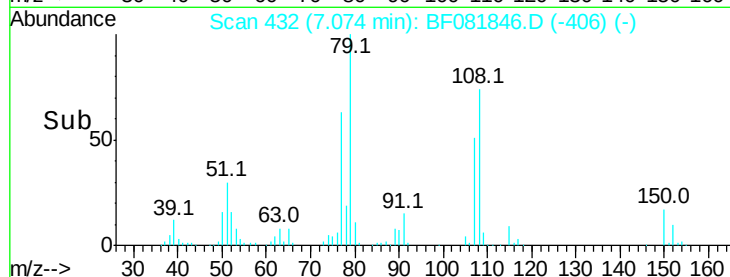
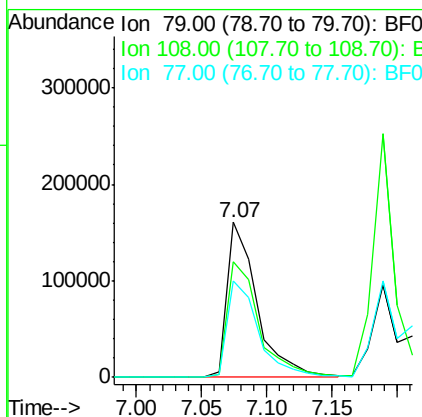
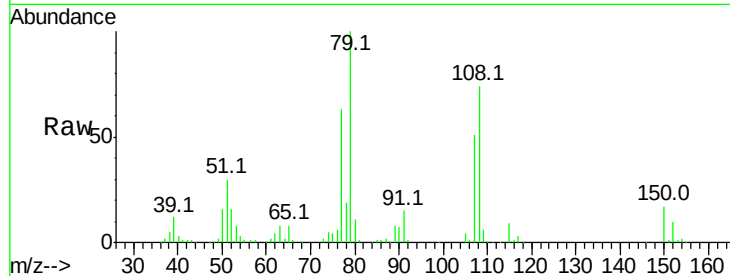
77 62.5 47.0 70.4

Manual Integrations

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9/29/2015 12:10:26 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.95 ng

RT: 7.21 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

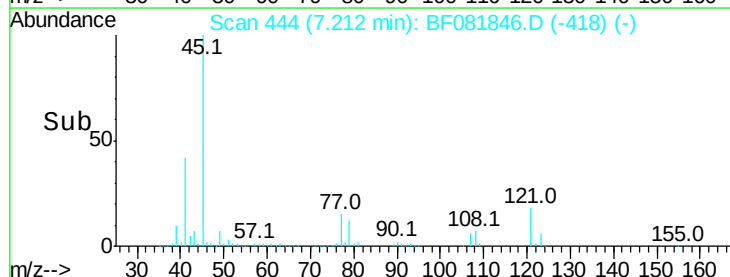
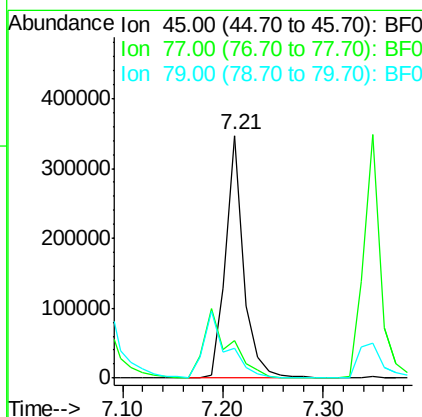
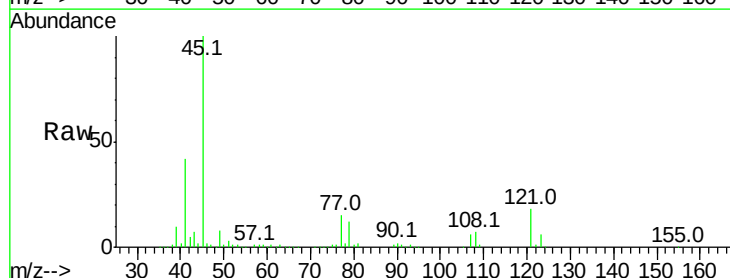
Tgt Ion: 45 Resp: 435354

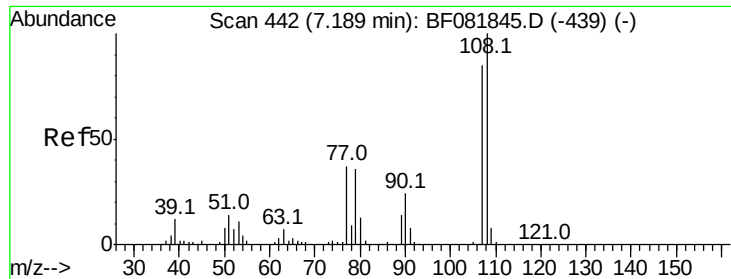
Ion Ratio Lower Upper

45 100

77 15.4 0.0 28.1

79 12.4 0.0 26.0





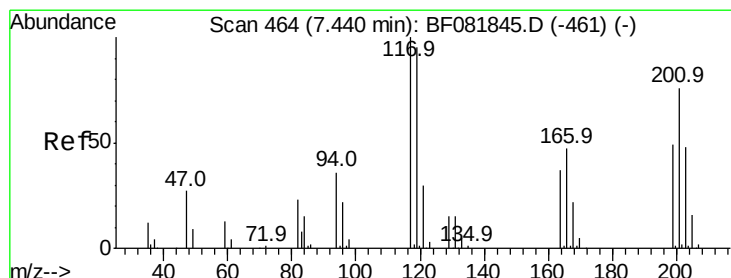
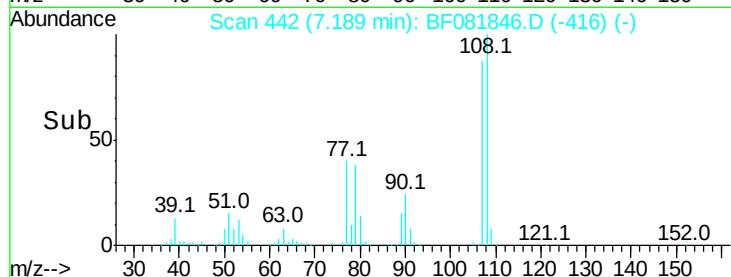
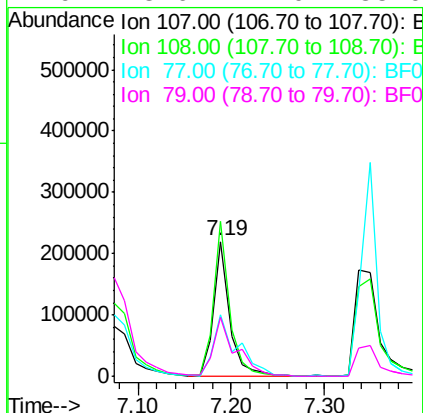
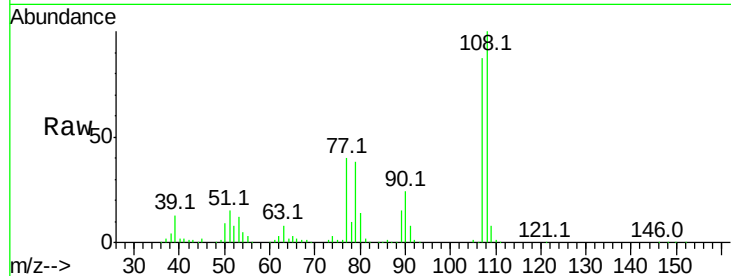
#17
2-Methylphenol
Concen: 43.94 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	261459		
108	115.0	96.6	145.0	
77	45.6	23.3	34.9#	
79	43.6	22.0	33.0#	

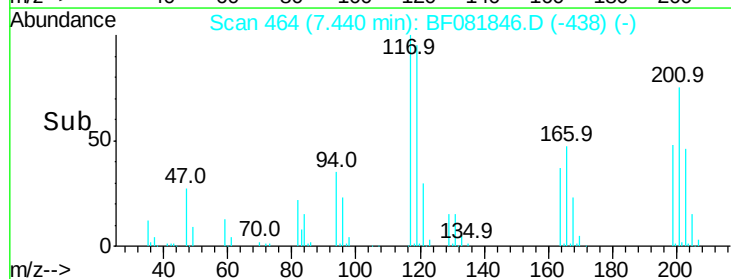
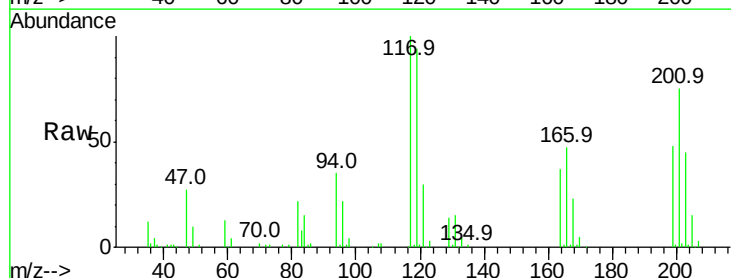
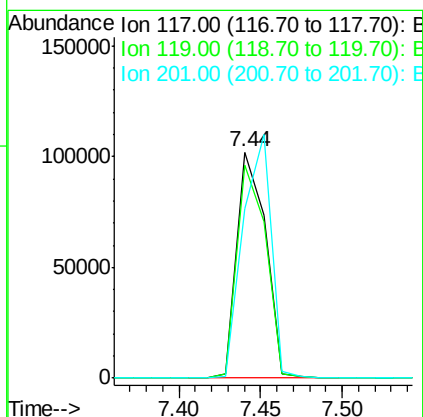
Manual Integrations
APPROVED

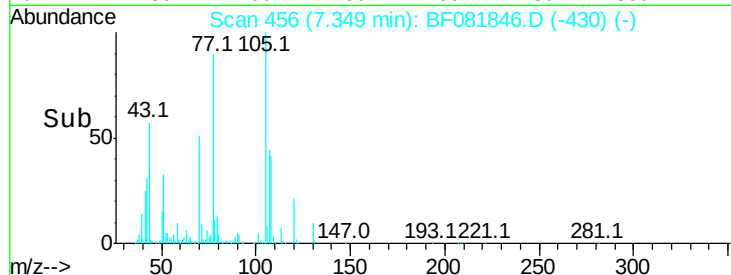
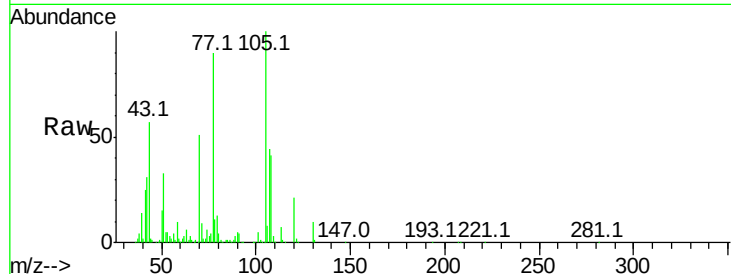
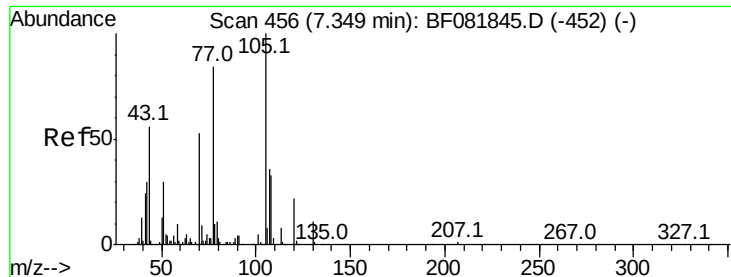
MMDadoda
9/29/2015 12:10:26 PM



#18
Hexachloroethane
Concen: 44.92 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	123379		
119	94.3	83.8	125.6	
201	74.9	55.1	82.7	





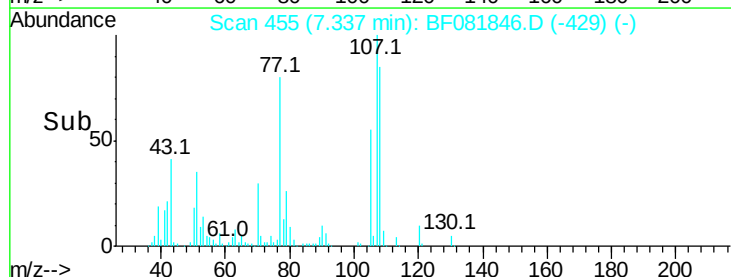
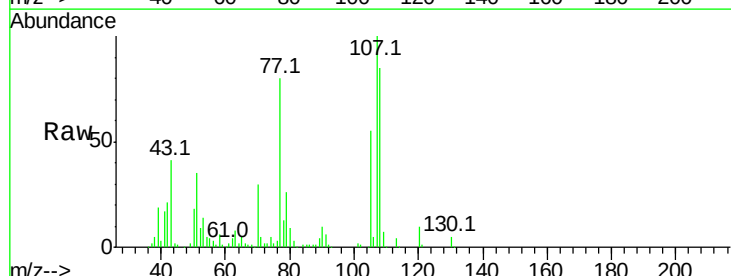
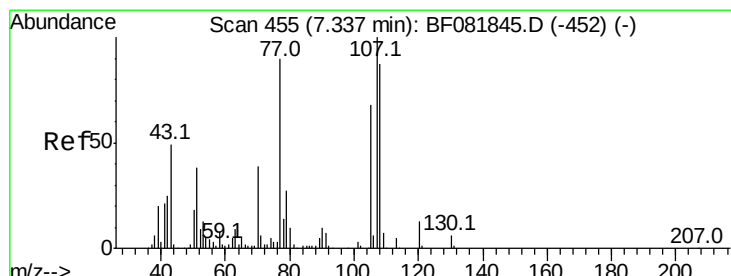
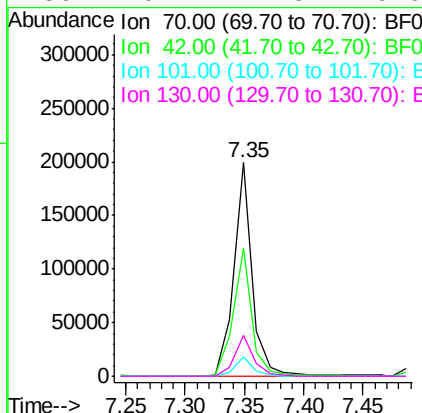
#19
n-Nitroso-di-n-propylamine
Concen: 39.84 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		214751		
42	60.0	63.8	95.6#		
101	9.2	9.2	13.8		
130	19.1	27.3	40.9#		

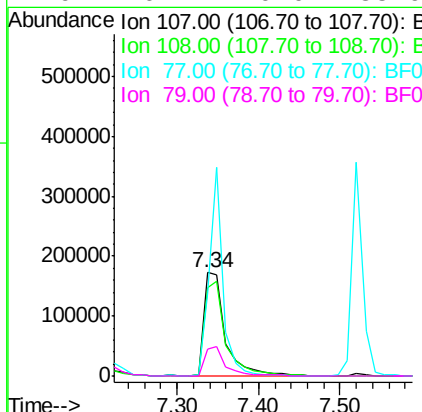
Manual Integrations
APPROVED

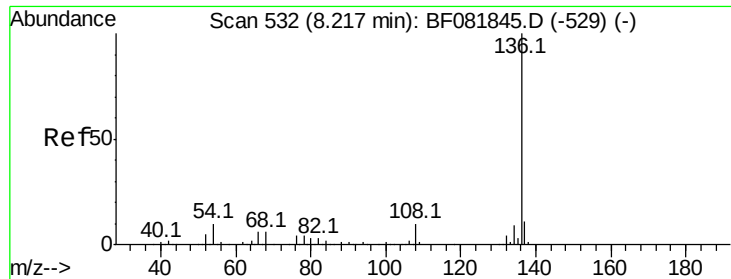
MMDadoda
9/29/2015 12:10:26 PM



#20
3+4-Methylphenols
Concen: 42.57 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		318205		
108	84.9	74.6	114.6		
77	80.0	0.7	40.7#		
79	26.1	0.0	38.9		





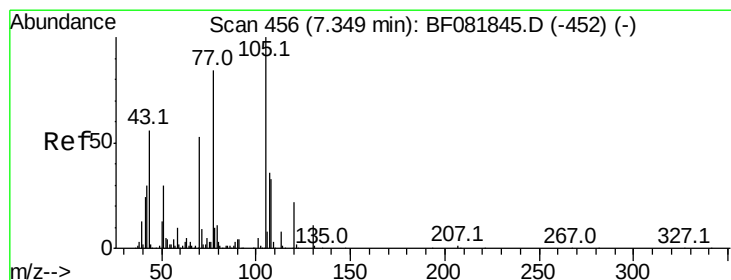
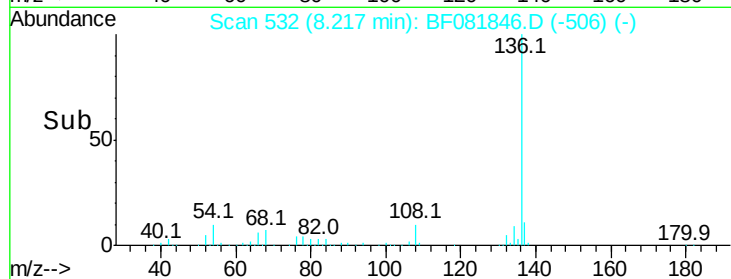
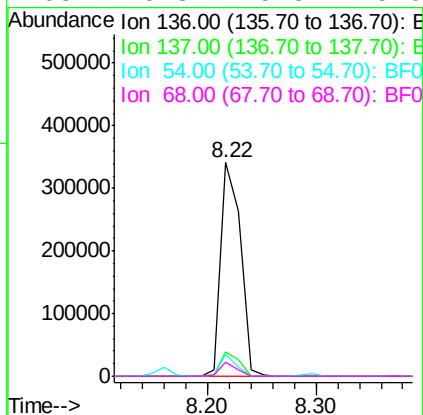
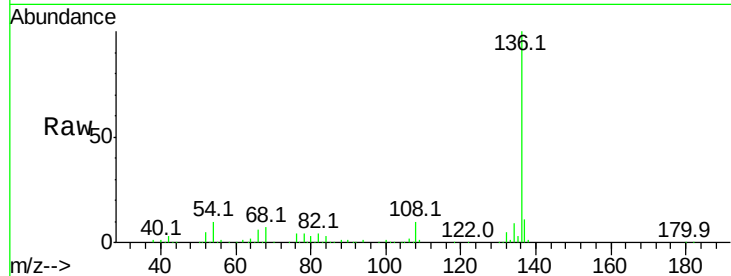
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.0	13.6	
54	10.5	8.2	12.2	
68	6.8	5.8	8.6	

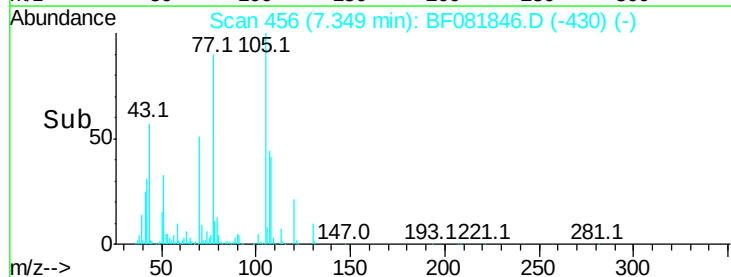
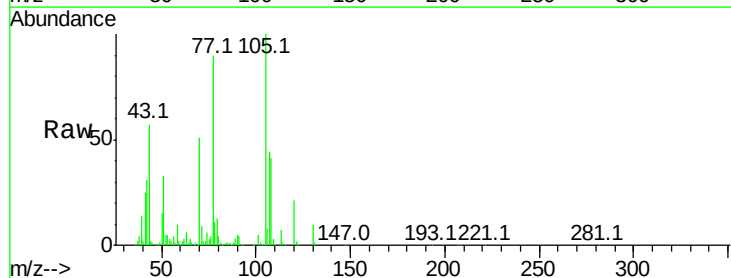
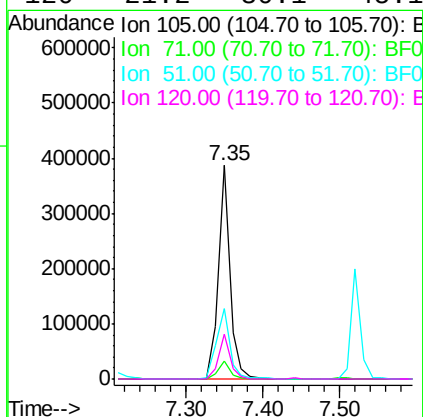
Manual Integrations
APPROVED

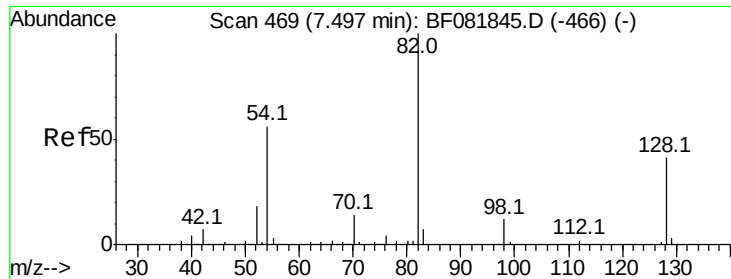
MMDadoda
9/29/2015 12:10:26 PM



#22
Acetophenone
Concen: 42.95 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	4.7	7.1#	
51	32.9	22.0	33.0	
120	21.2	30.1	45.1#	





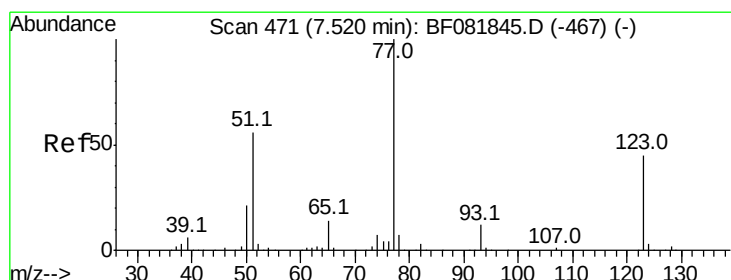
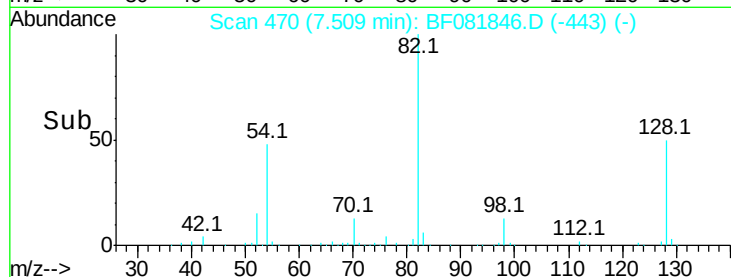
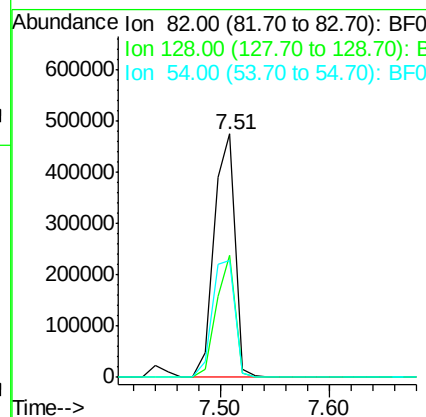
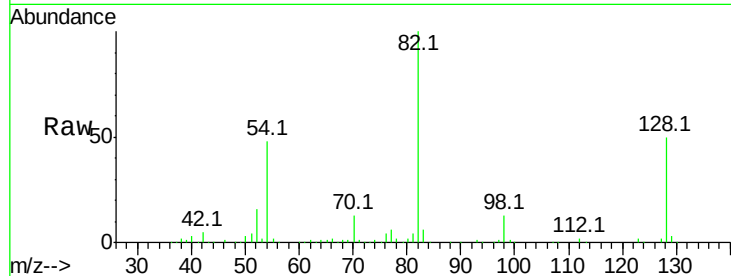
#23
Nitrobenzene-d5
Concen: 97.81 ng
RT: 7.51 min Scan# 470
Delta R.T. 0.01 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.9	51.0	76.6#	
54	48.2	47.5	71.3	

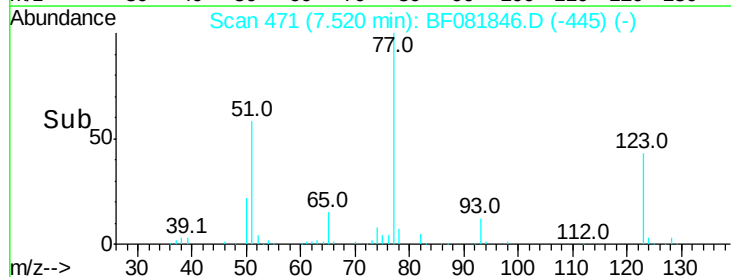
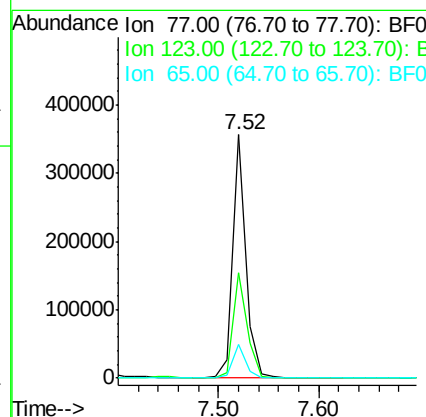
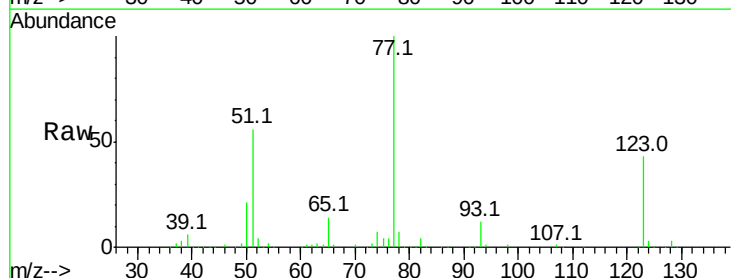
Manual Integrations
APPROVED

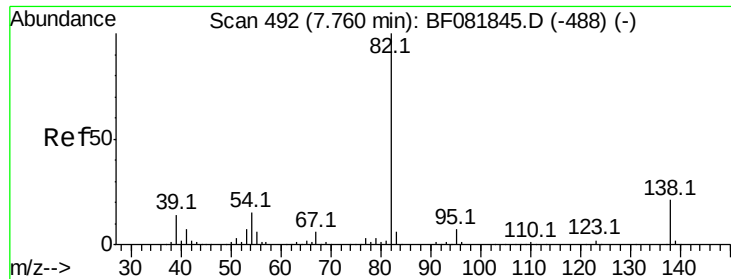
MMDadoda
9/29/2015 12:10:26 PM



#24
Nitrobenzene
Concen: 43.94 ng
RT: 7.52 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.0	59.8	89.8#	
65	14.1	10.2	15.4	





#25

Isophorone

Concen: 42.48 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

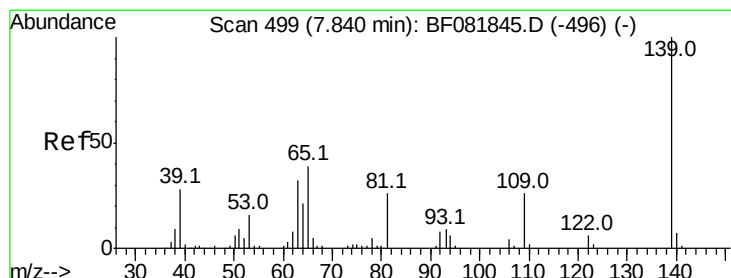
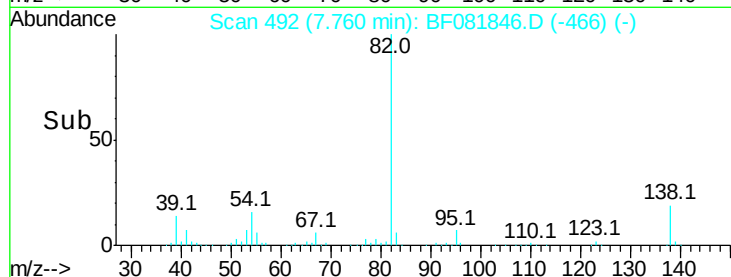
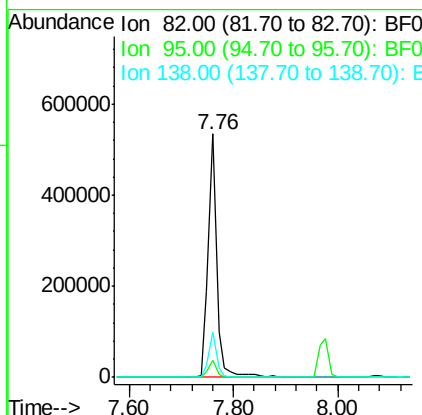
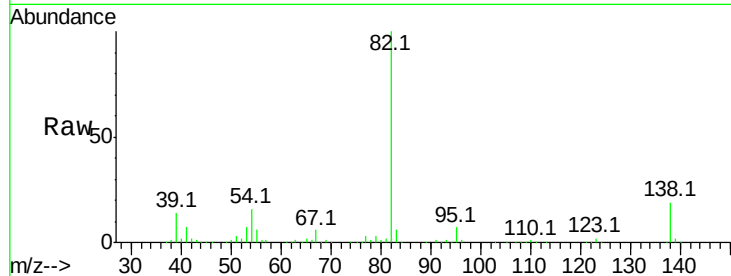
ClientSampleId :

SSTDIC050

Tot Ion	82	Resp	616293
Ion Ratio	Lower	Upper	
82	100		
95	7.0	4.0	6.0#
138	18.7	18.3	27.5

Manual Integrations
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9/29/2015 12:10:26 PM



#26

2-Nitrophenol

Concen: 66.28 ng

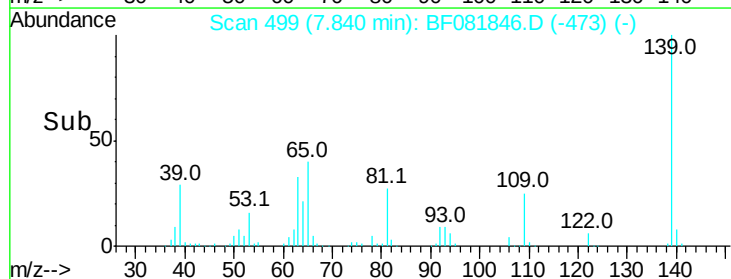
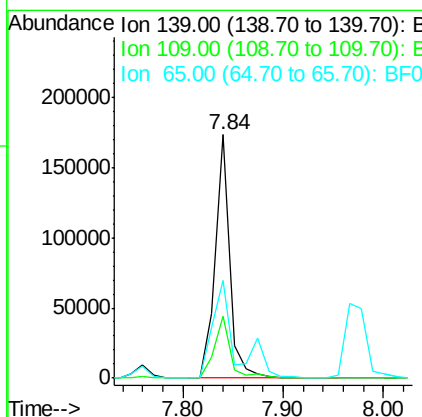
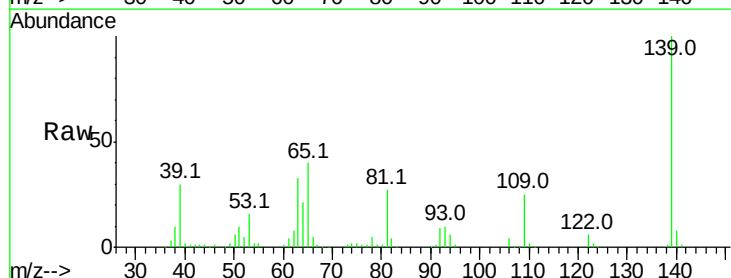
RT: 7.84 min Scan# 499

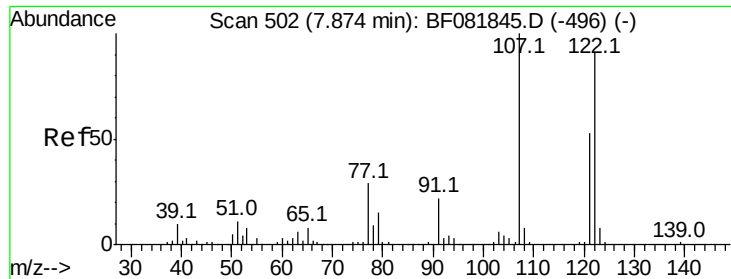
Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Tgt Ion	139	Resp	175896
Ion Ratio	Lower	Upper	
139	100		
109	25.3	11.0	16.4#
65	40.2	24.7	37.1#





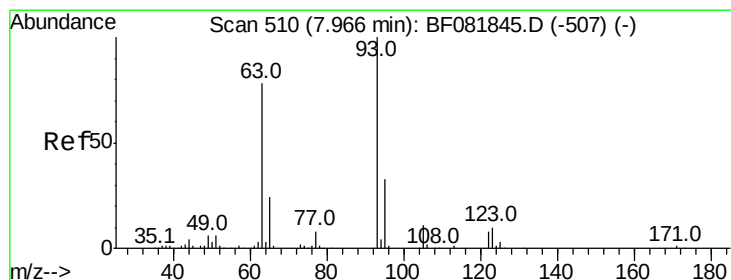
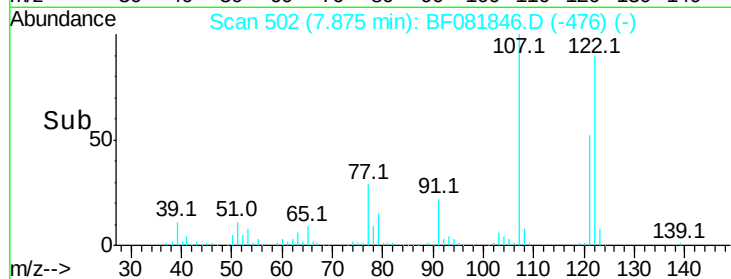
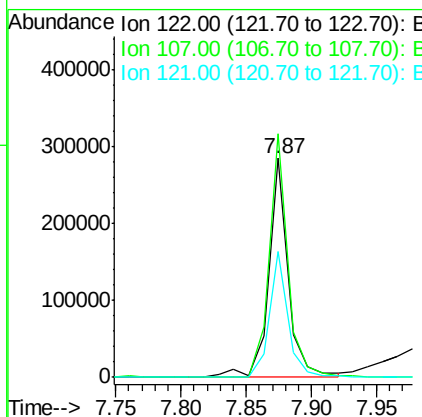
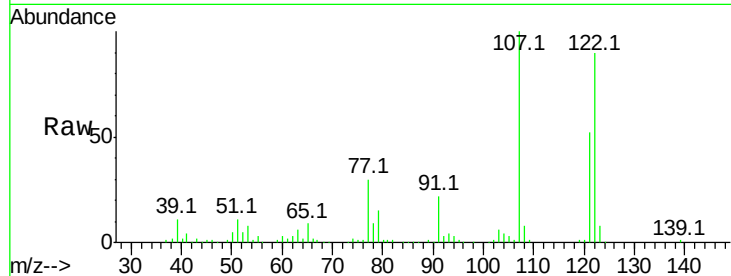
#27
 2,4-Dimethylphenol
 Concen: 45.18 ng
 RT: 7.87 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	297235		
107	111.2	71.8	107.6#	
121	57.7	42.3	63.5	

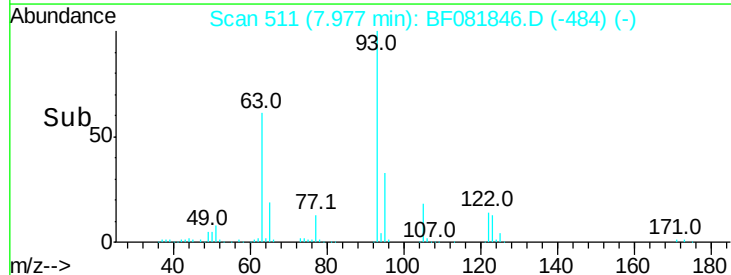
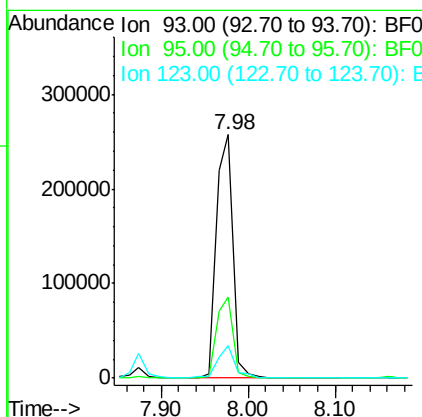
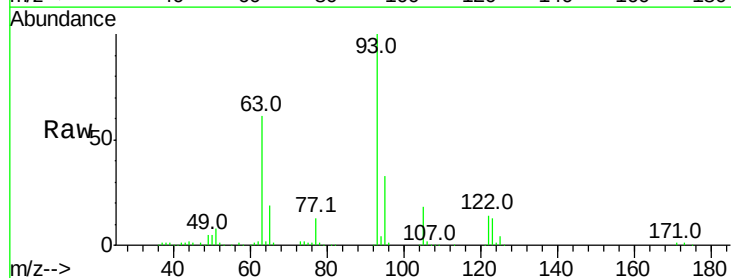
Manual Integrations
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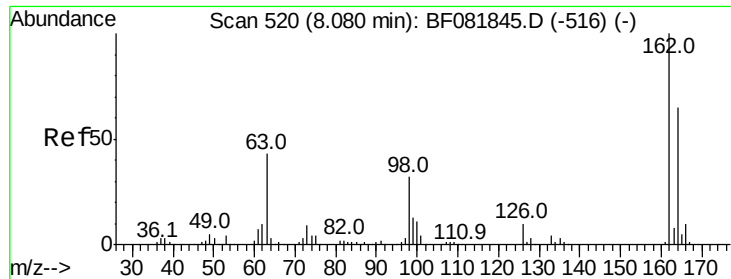
MMDadoda
 9/29/2015 12:10:26 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.00 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	347447		
95	33.4	27.5	41.3	
123	13.3	13.7	20.5#	





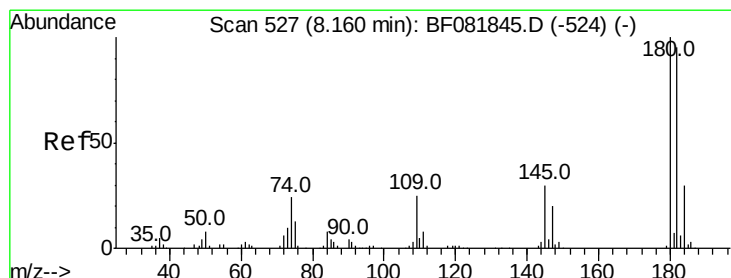
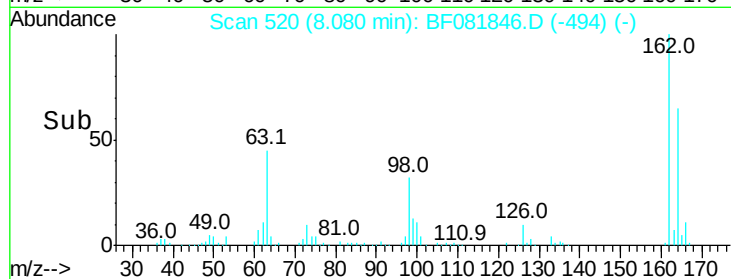
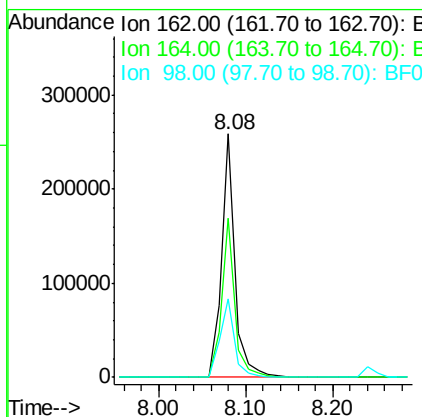
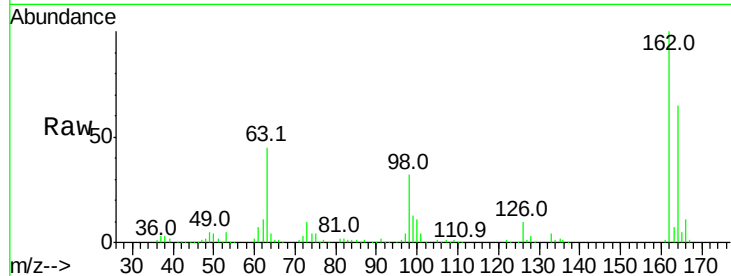
#29
 2,4-Dichlorophenol
 Concen: 45.93 ng
 RT: 8.08 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.4	44.9	84.9
98	32.1	13.0	53.0

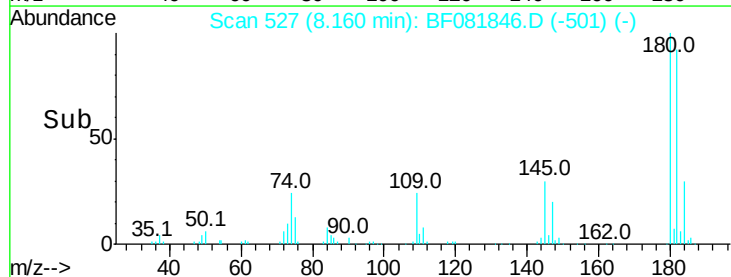
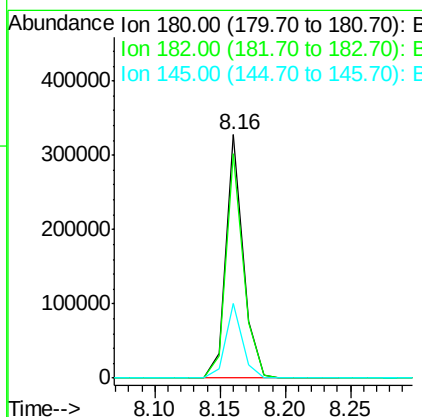
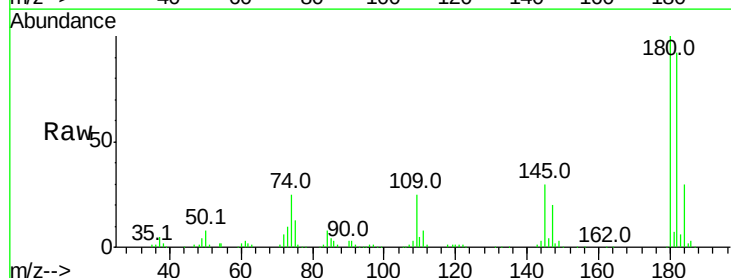
Manual Integrations
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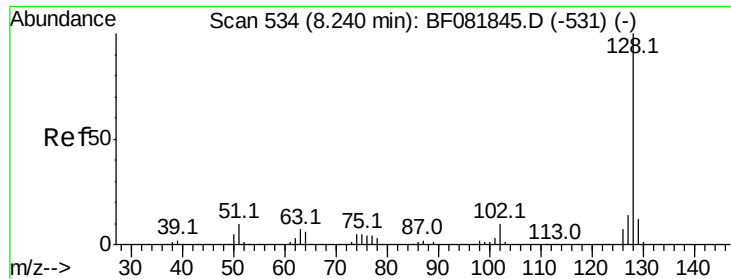
MMDadoda
 9/29/2015 12:10:26 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.15 ng
 RT: 8.16 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.1	77.1	115.7
145	30.5	23.3	34.9





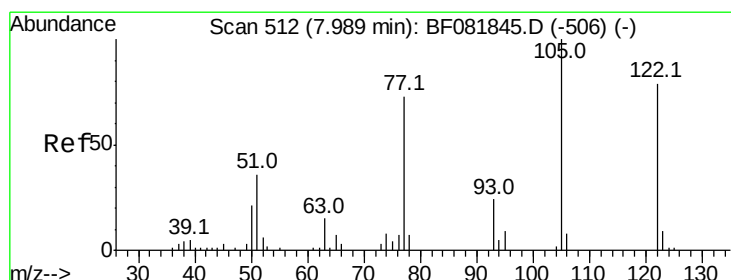
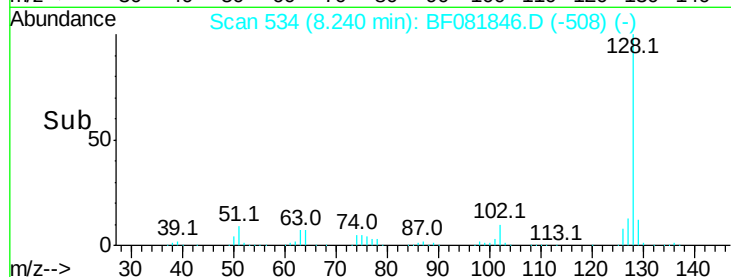
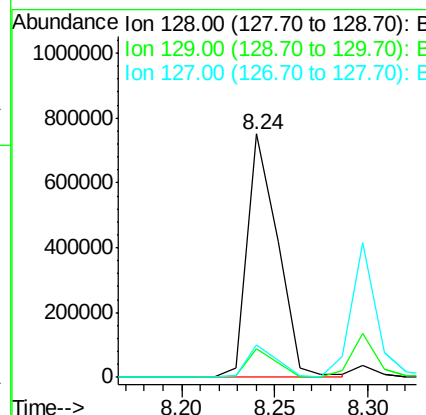
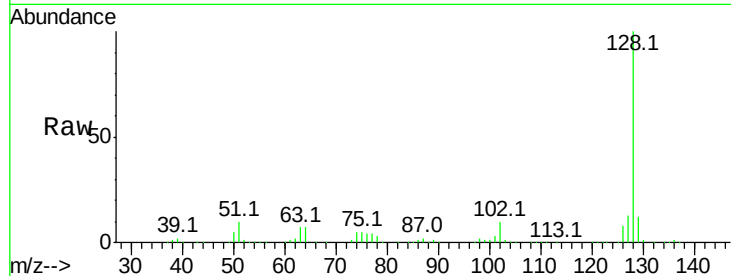
#31
Naphthalene
Concen: 42.93 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	855684		
129	11.8		8.4	12.6
127	13.4		9.9	14.9

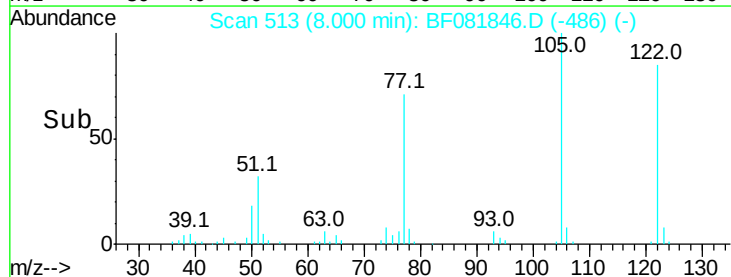
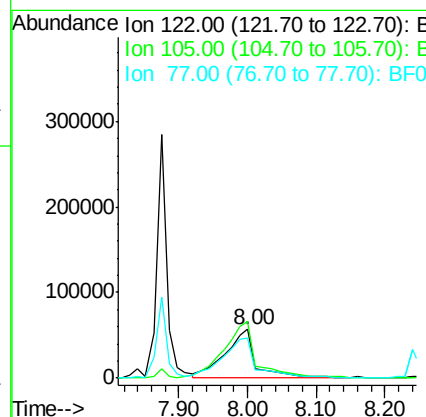
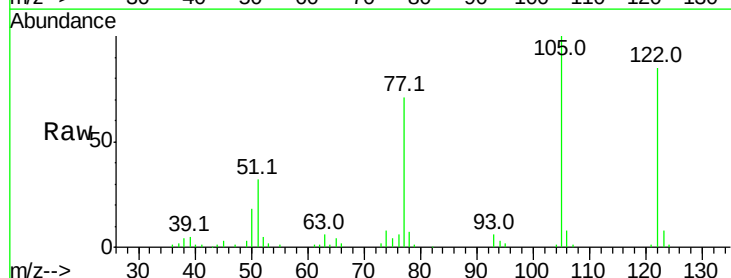
Manual Integrations
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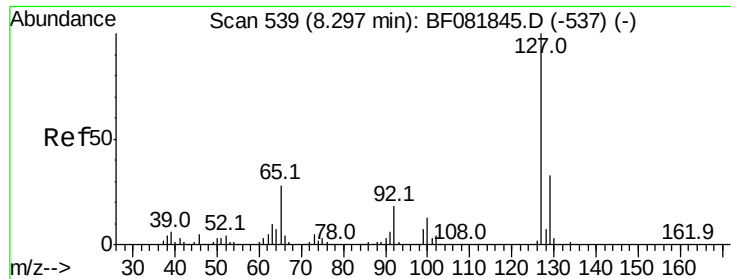
MMDadoda
9/29/2015 12:10:26 PM



#32
Benzoic acid
Concen: 136.24 ng
RT: 8.00 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	174527		
105	117.9		76.1	116.1#
77	84.1		40.5	80.5#





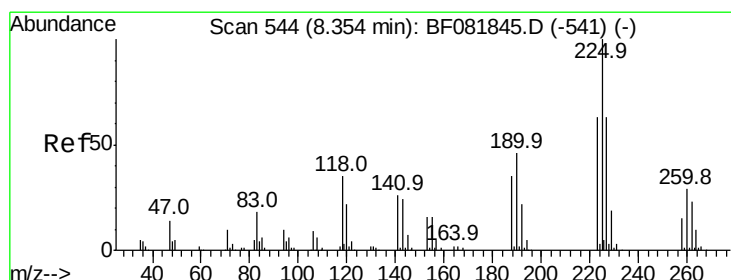
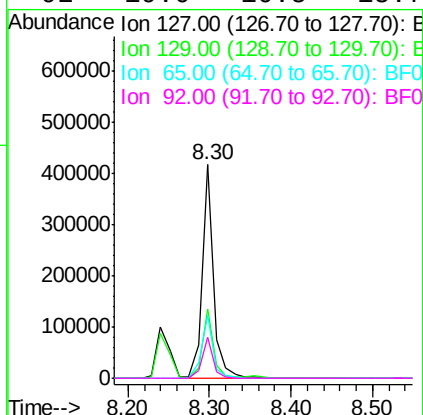
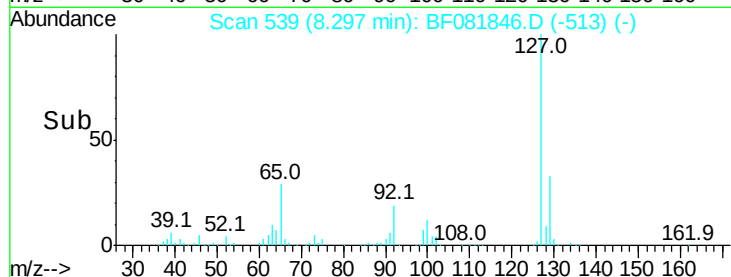
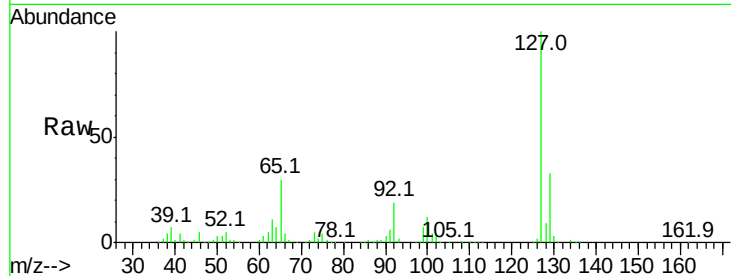
#33
 4-Chloroaniline
 Concen: 46.54 ng
 RT: 8.30 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.8	38.6		
65	29.6	17.9	26.9		
92	19.0	10.5	15.7		

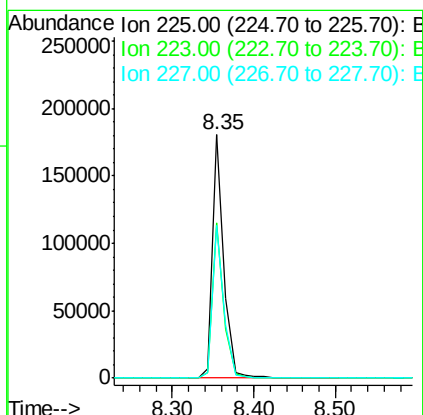
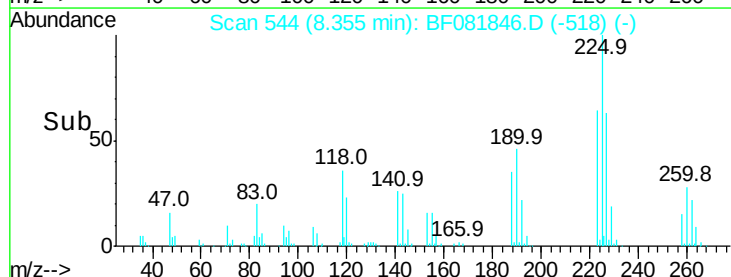
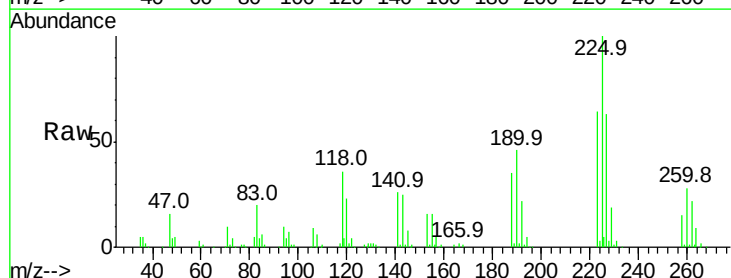
Manual Integrations
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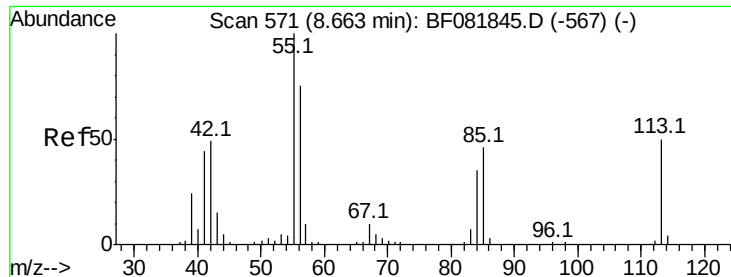
MMDadoda
 9/29/2015 12:10:26 PM



#34
 Hexachlorobutadiene
 Concen: 43.58 ng
 RT: 8.35 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.2	75.2		
227	62.8	52.2	78.2		





#35

Caprolactam

Concen: 51.26 ng

RT: 8.67 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:113 Resp: 83876

Ion Ratio Lower Upper

113 100

55 185.7 152.4 192.4

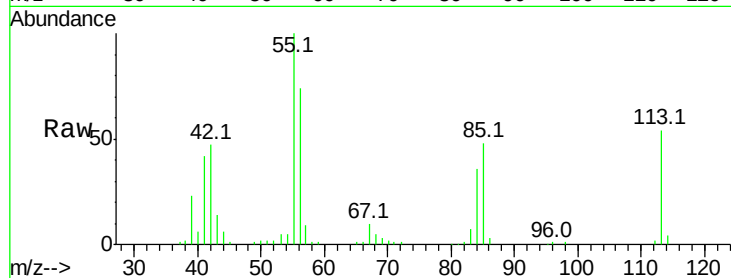
56 137.0 104.6 144.6

Manual Integrations

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MMDadoda

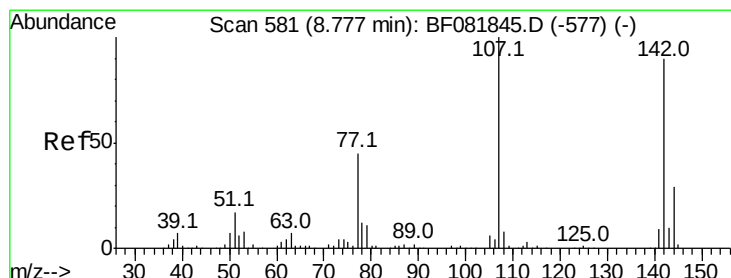
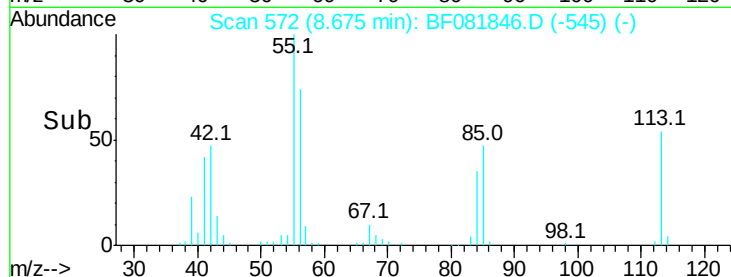
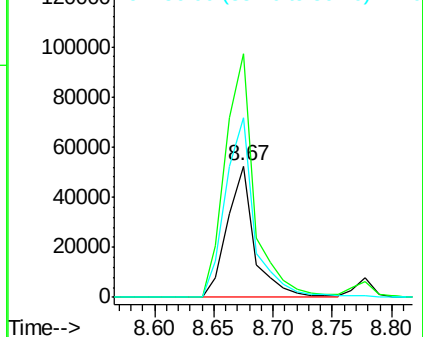
9/29/2015 12:10:26 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.79 ng

RT: 8.78 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

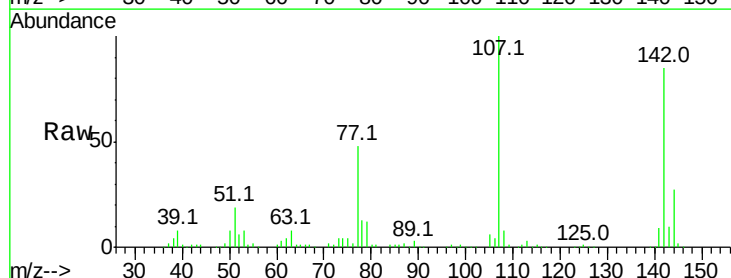
Tgt Ion:107 Resp: 281094

Ion Ratio Lower Upper

107 100

144 27.4 25.4 38.0

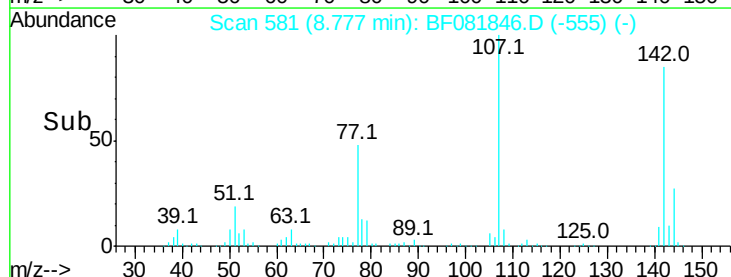
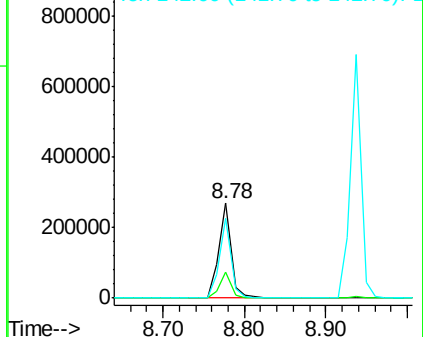
142 84.6 77.3 115.9

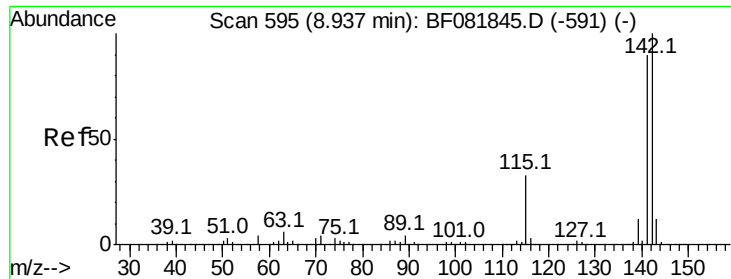


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





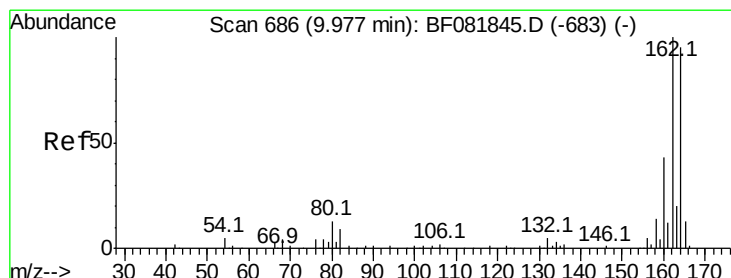
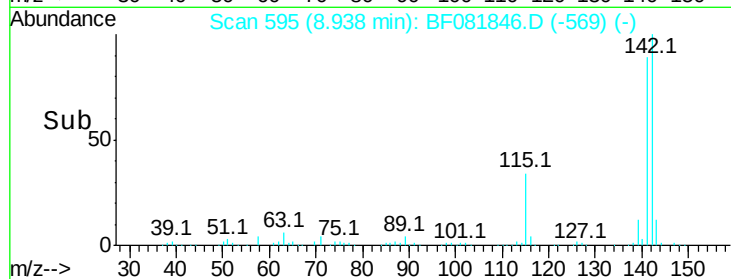
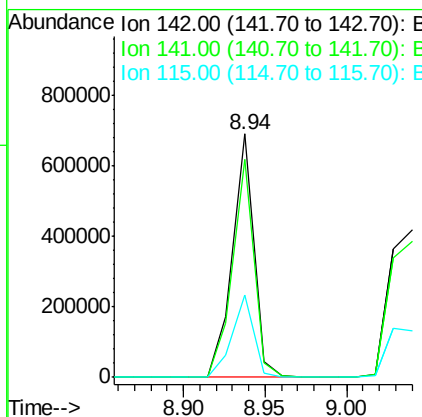
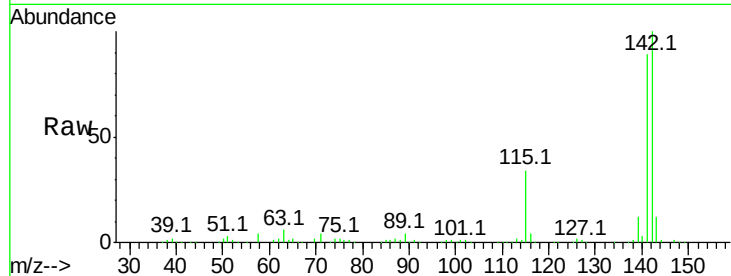
#37
 2-Methylnaphthalene
 Concen: 44.25 ng
 RT: 8.94 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
142	100	628522		
141	89.4	67.5	101.3	
115	33.6	18.2	27.2	

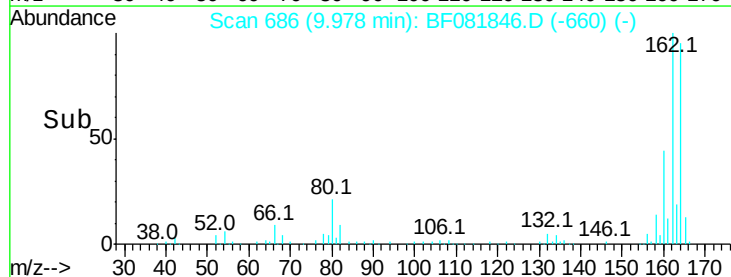
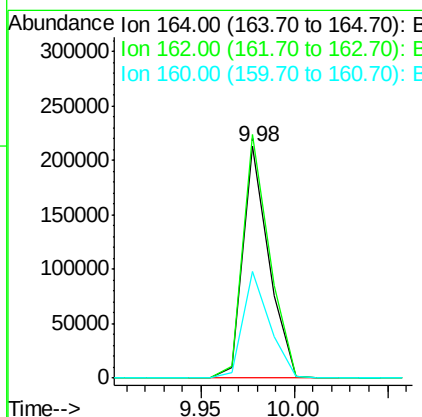
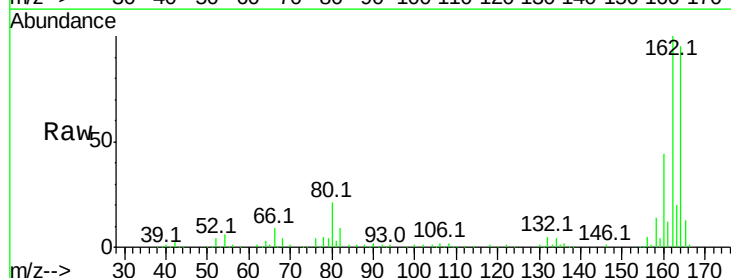
Manual Integrations
 APPROVED

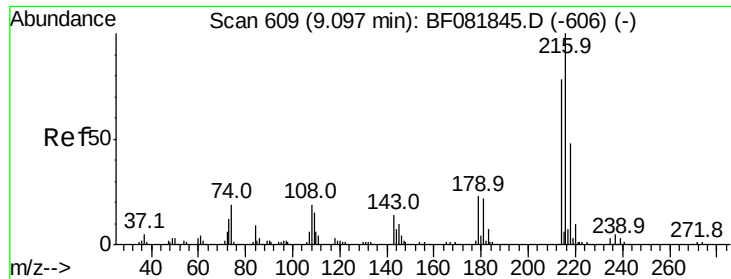
MMDadoda
 9/29/2015 12:10:26 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	205859		
162	105.0	75.2	112.8	
160	45.8	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.83 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

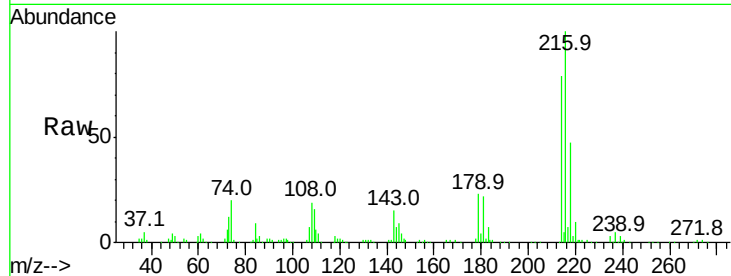
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
216	100	287993		
214	78.5		63.5	95.3
179	21.6		16.6	24.8
108	18.6		16.3	24.5

Manual Integrations
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MMDadoda
9/29/2015 12:10:26 PM

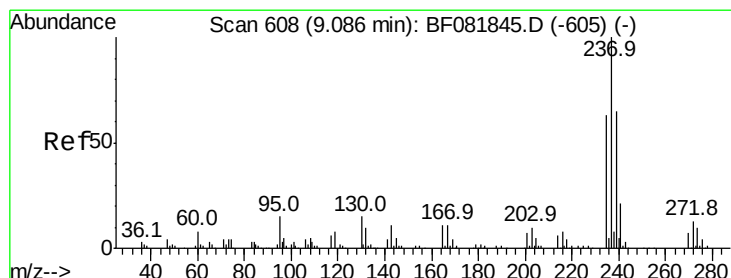
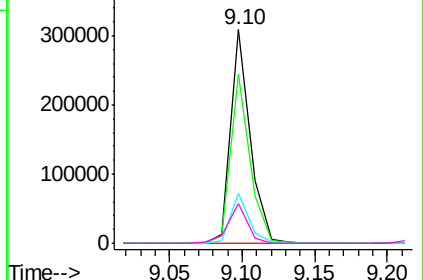
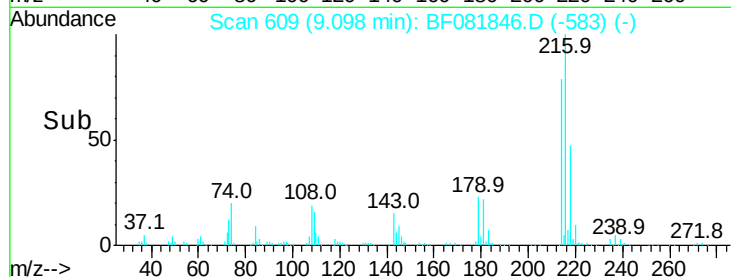


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 60.92 ng

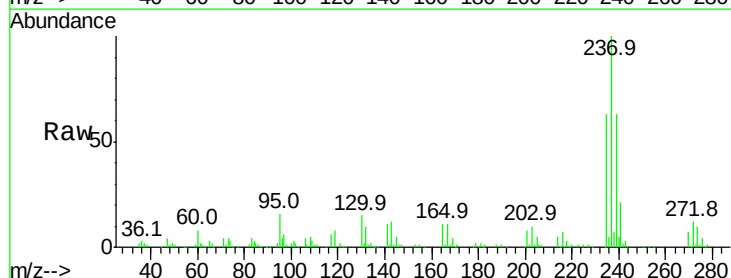
RT: 9.09 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

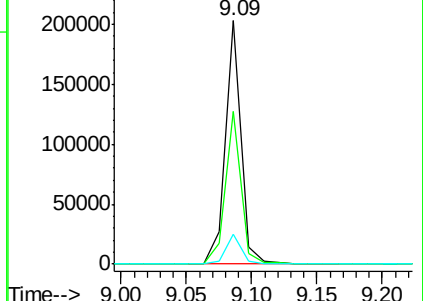
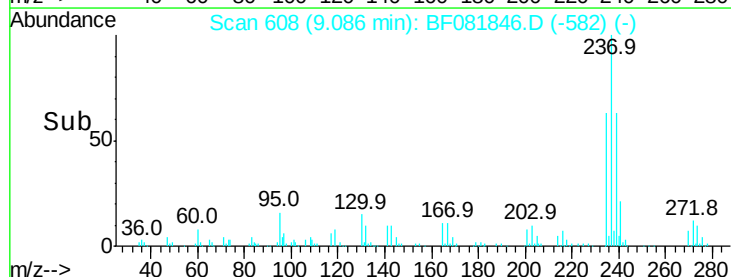
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	171548		
235	62.9		42.0	82.0
272	12.3		0.0	36.1

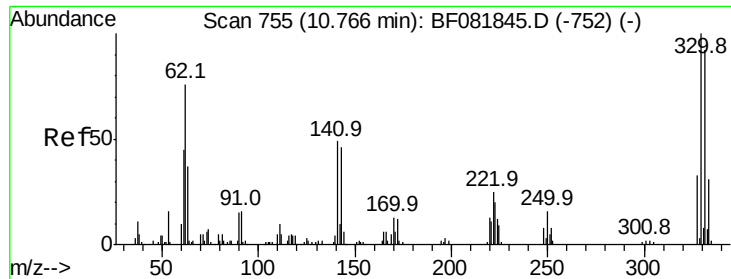


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





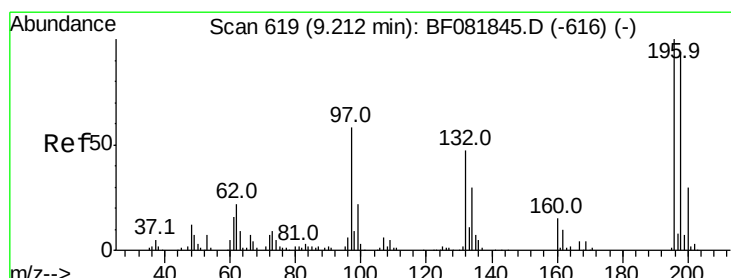
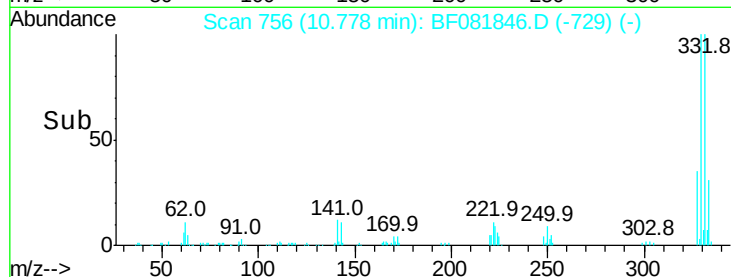
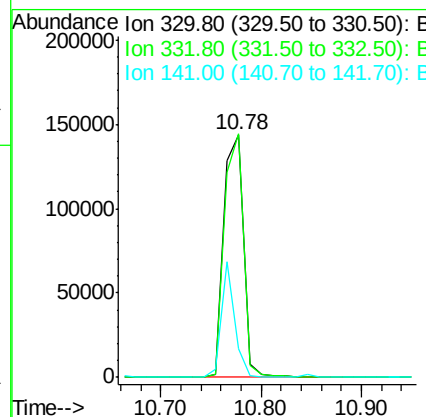
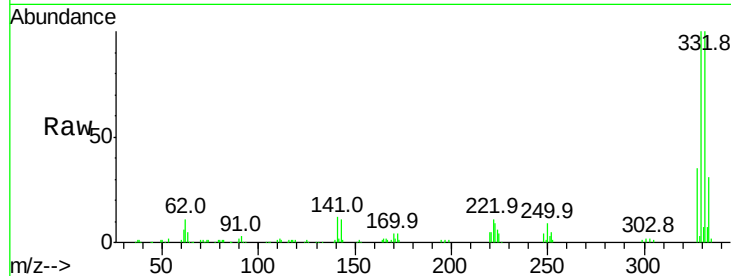
#41
 2,4,6-Tribromophenol
 Concen: 109.91 ng
 RT: 10.78 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
330	100	196437		
332	97.5	76.6	114.8	
141	32.2	29.7	44.5	

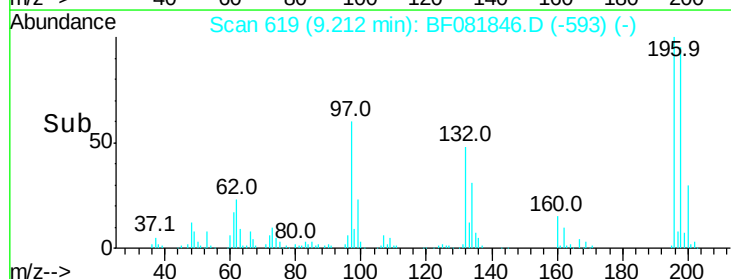
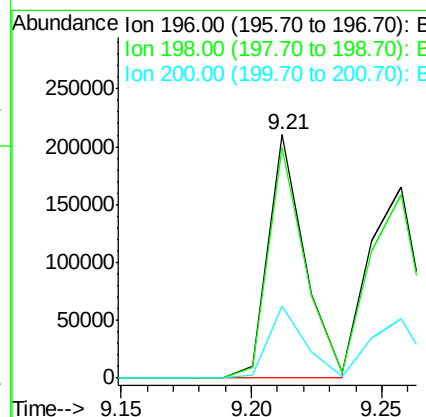
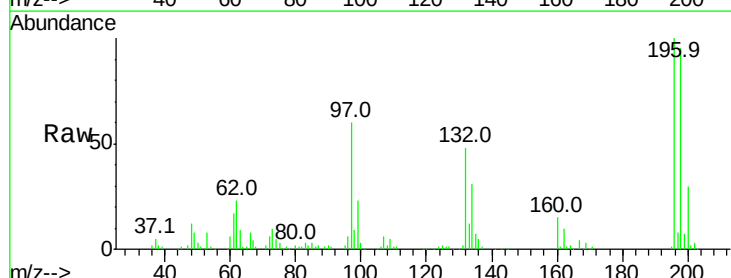
Manual Integrations
 APPROVED

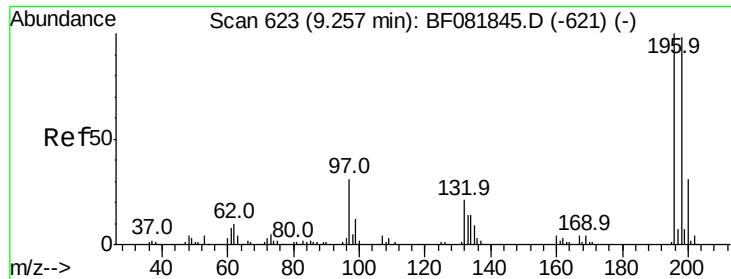
MMDadoda
 9/29/2015 12:10:26 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.34 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	204931		
198	95.0	75.7	113.5	
200	29.6	23.9	35.9	





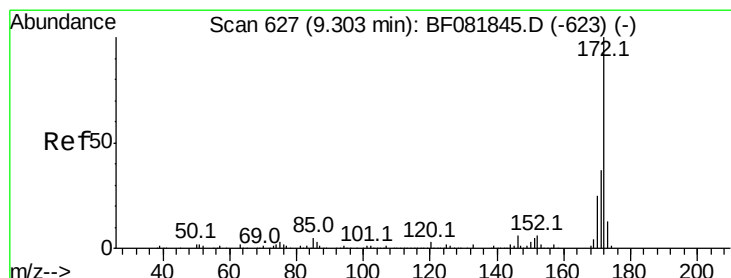
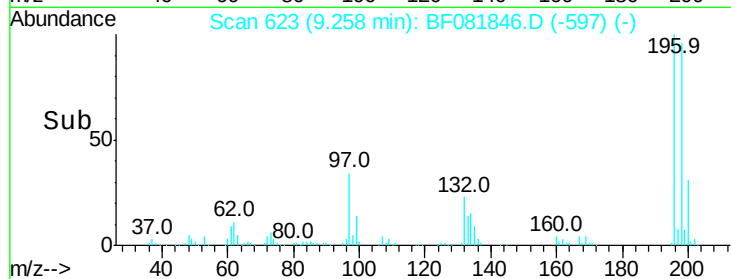
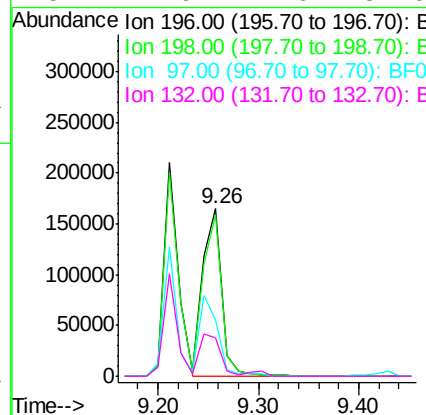
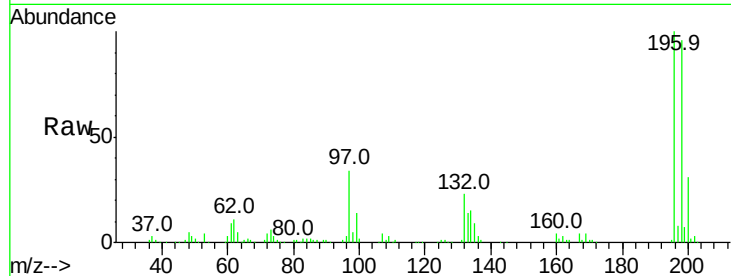
#43
 2,4,5-Trichlorophenol
 Concen: 51.07 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217531		
198	96.4	75.4	113.0	
97	33.8	33.3	49.9	
132	22.9	24.6	37.0#	

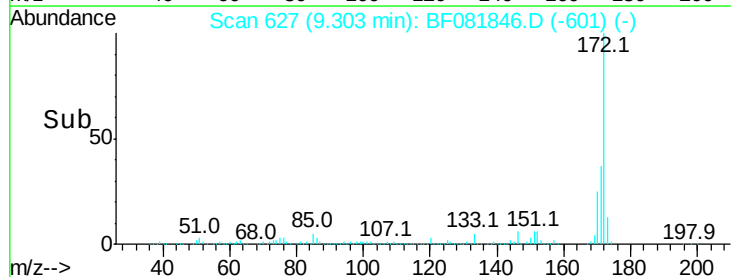
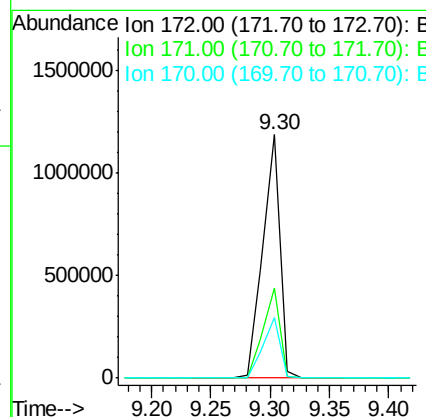
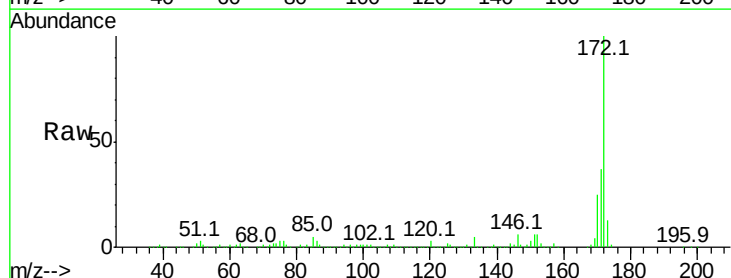
Manual Integrations
 APPROVED

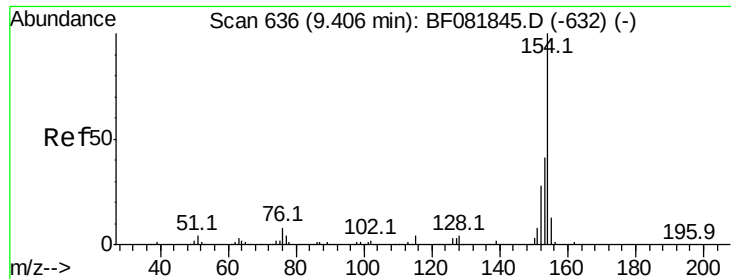
MMDadoda
 9/29/2015 12:10:26 PM



#44
 2-Fluorobiphenyl
 Concen: 96.22 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1206637		
171	37.1	26.1	39.1	
170	24.9	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 46.19 ng

RT: 9.41 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

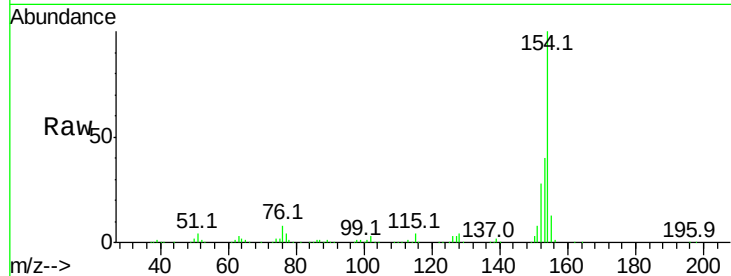
ClientSampleId :

SSTDIC050

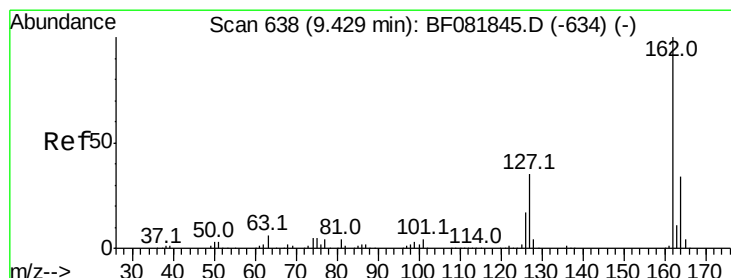
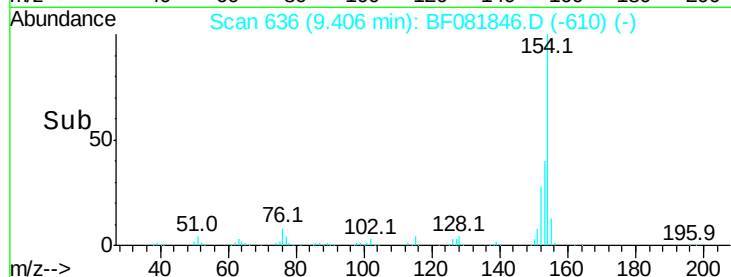
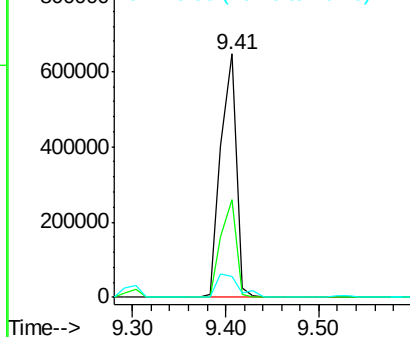
Tot Ion:	154	Resp:	743557
Ion Ratio	Lower	Upper	
154	100		
153	39.9	17.1	57.1
76	8.5	0.0	31.6

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



#46

2-Chloronaphthalene

Concen: 47.15 ng

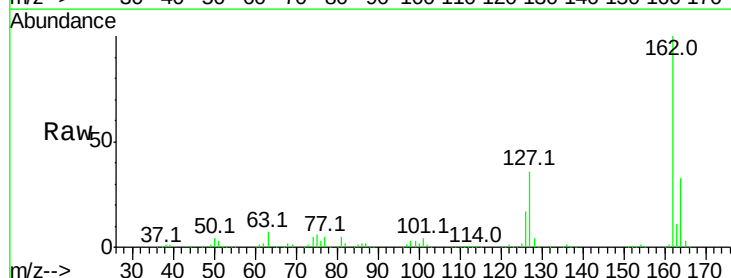
RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

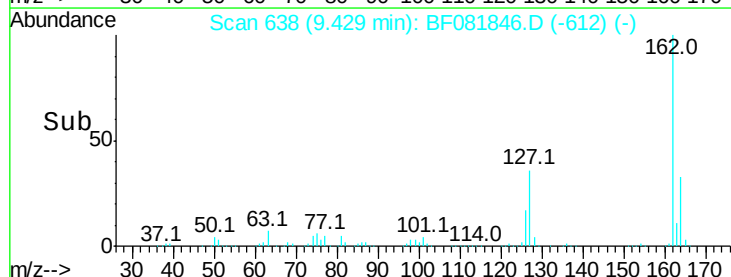
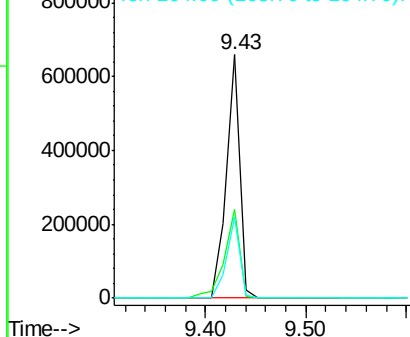
Lab File: BF081846.D

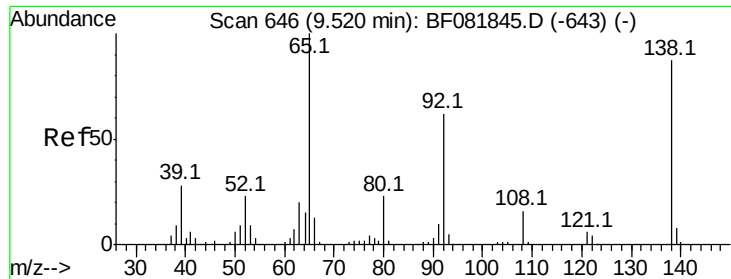
Acq: 28 Sep 2015 16:32

Tgt Ion:	162	Resp:	610529
Ion Ratio	Lower	Upper	
162	100		
127	36.5	27.6	41.4
164	33.4	25.4	38.2



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





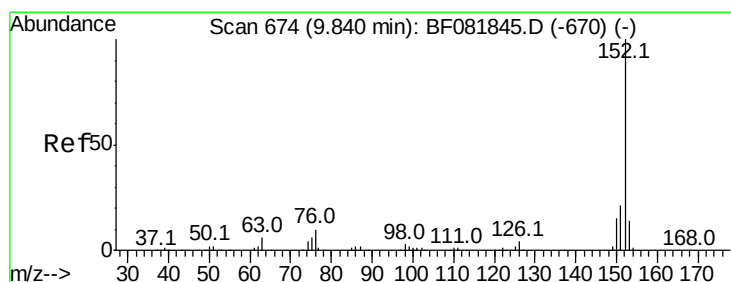
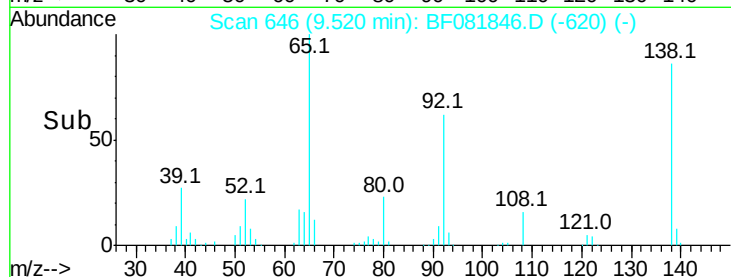
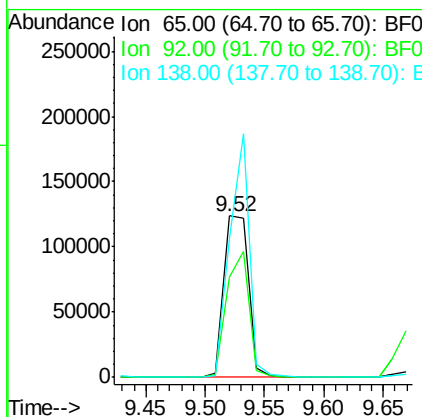
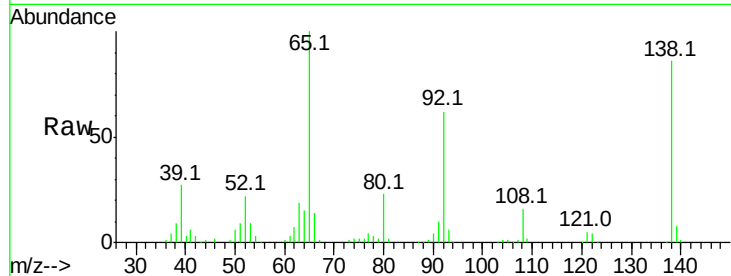
#47
2-Nitroaniline
Concen: 51.78 ng
RT: 9.52 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.7	55.4	83.0
138	85.5	115.5	173.3

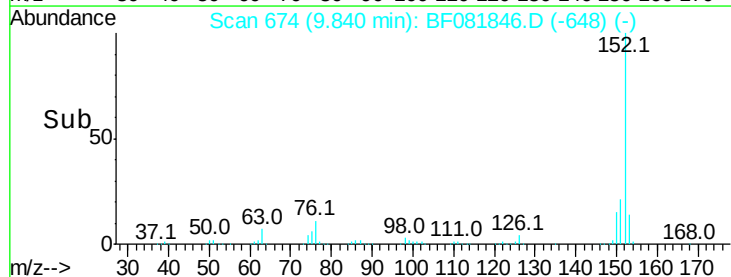
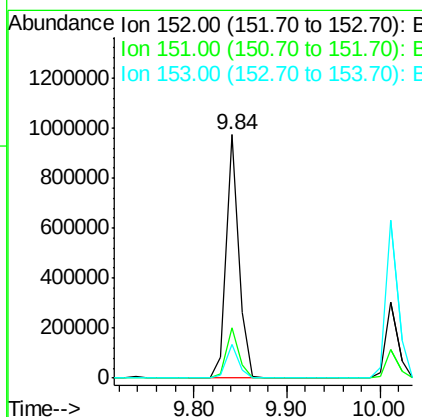
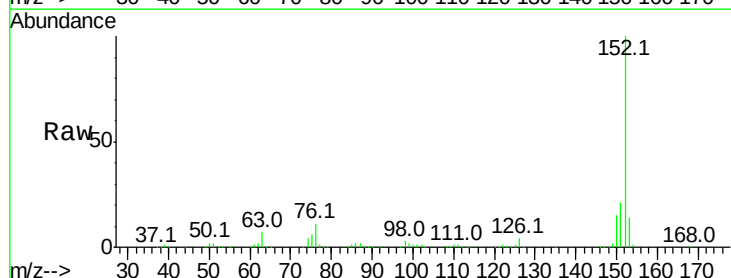
Manual Integrations
APPROVED

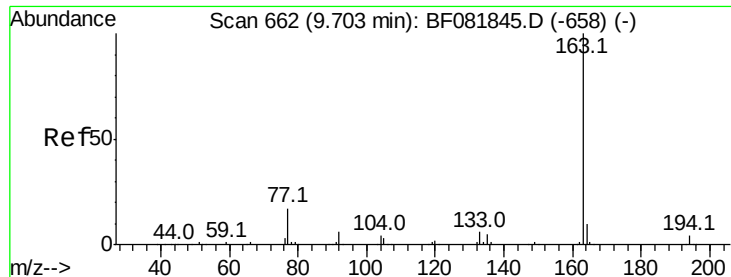
MMDadoda
9/29/2015 12:10:26 PM



#48
Acenaphthylene
Concen: 41.52 ng
RT: 9.84 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	14.6	22.0
153	13.7	10.3	15.5





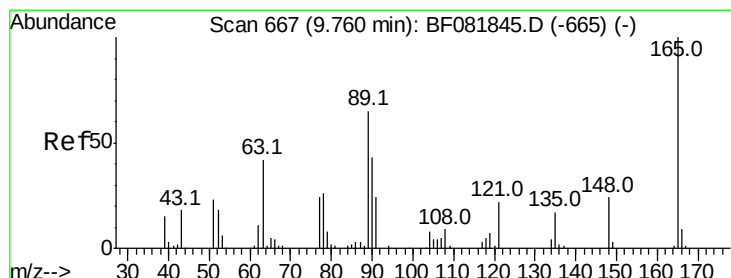
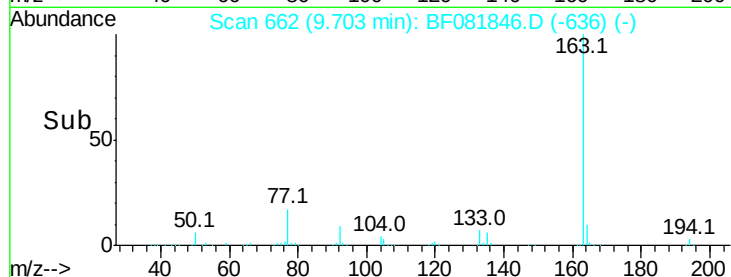
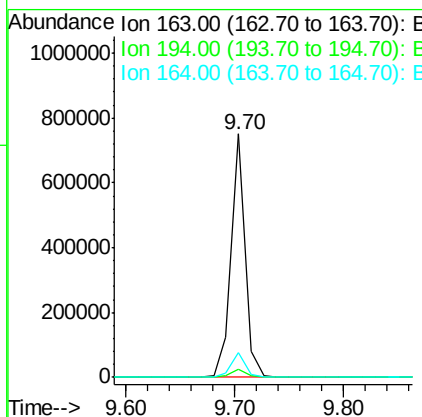
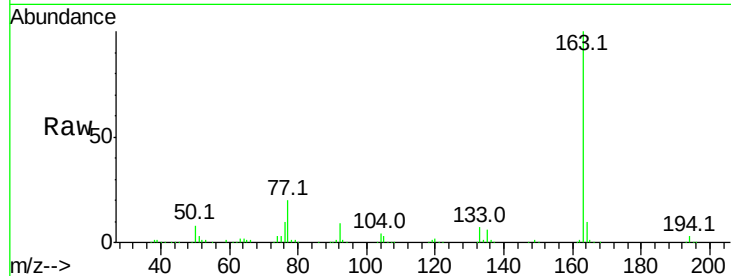
#49
Dimethylphthalate
Concen: 42.26 ng
RT: 9.70 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
163	100	662026		
194	3.4		4.4	6.6#
164	10.3		8.3	12.5

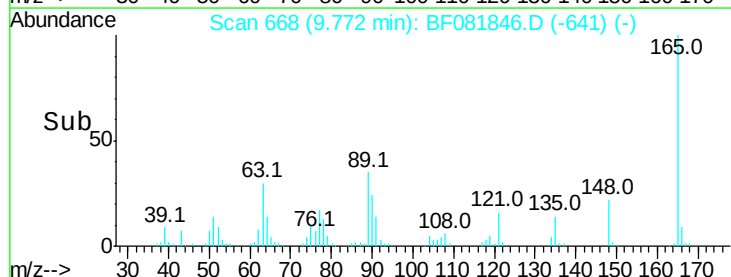
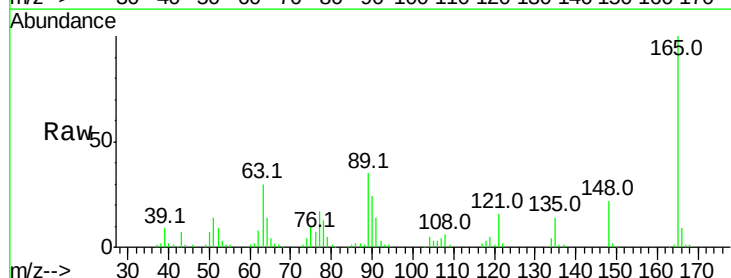
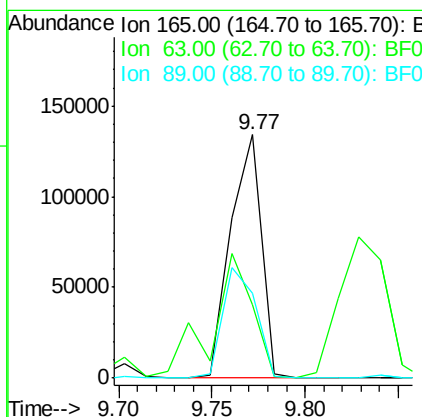
Manual Integrations
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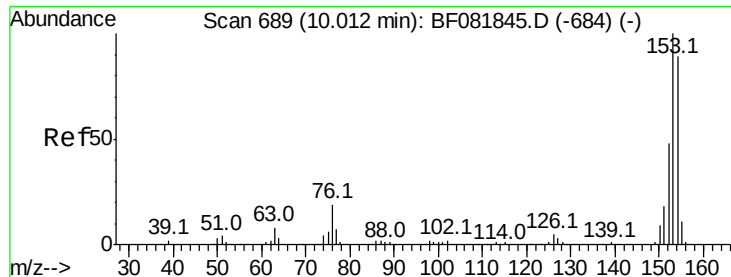
MMDadoda
9/29/2015 12:10:26 PM



#50
2,6-Dinitrotoluene
Concen: 51.56 ng
RT: 9.77 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155900		
63	30.0		32.3	48.5#
89	34.8		28.6	43.0





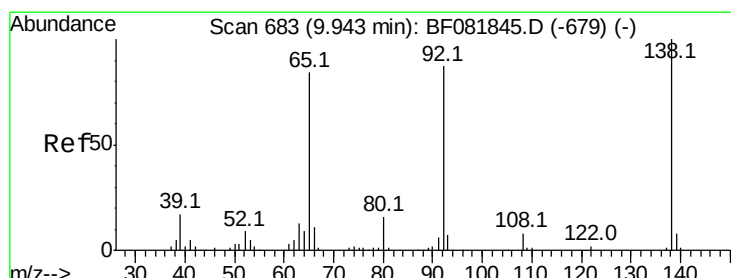
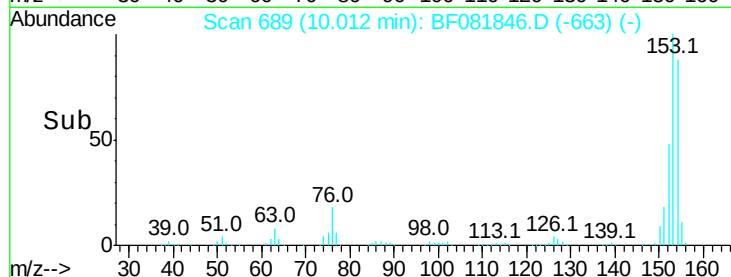
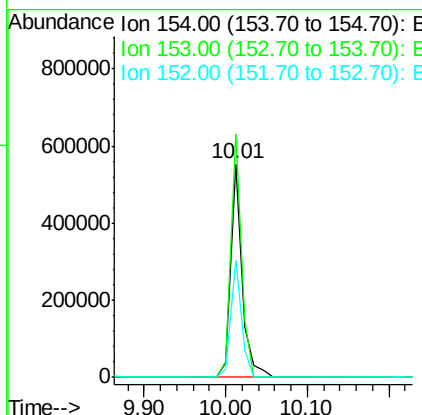
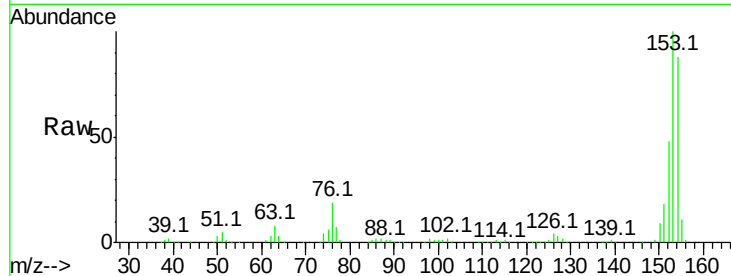
#51
Acenaphthene
Concen: 42.23 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	82.1	123.1
152	55.0	37.9	56.9

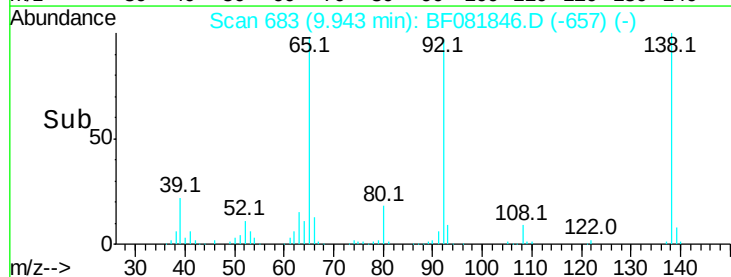
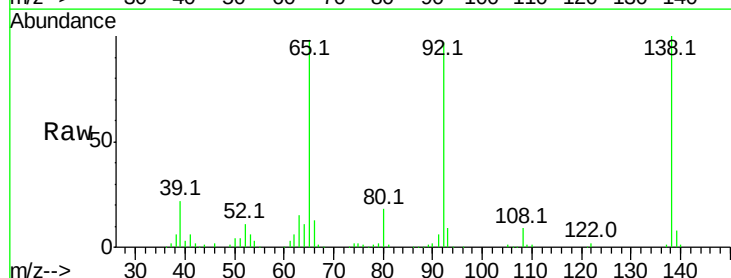
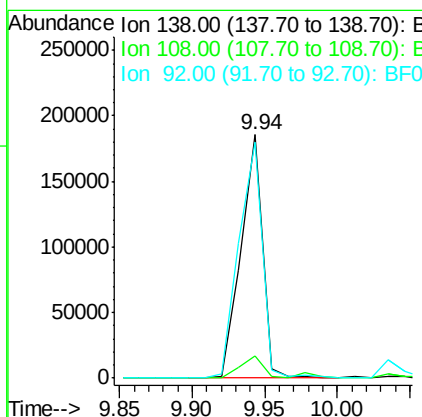
Manual Integrations
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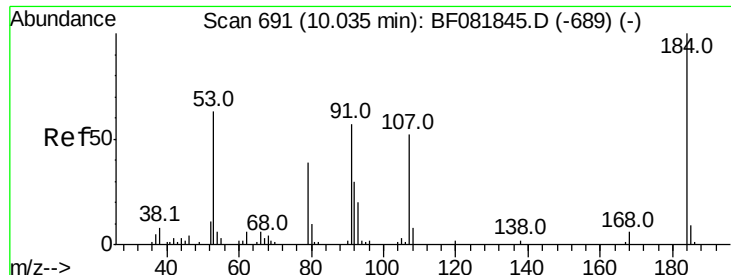
MMDadoda
9/29/2015 12:10:26 PM



#52
3-Nitroaniline
Concen: 58.61 ng
RT: 9.94 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.0	5.7	8.5#
92	96.9	67.7	101.5





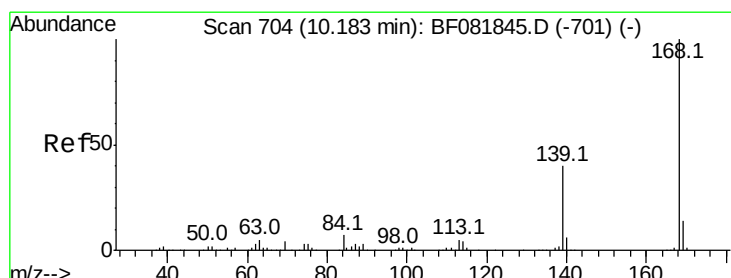
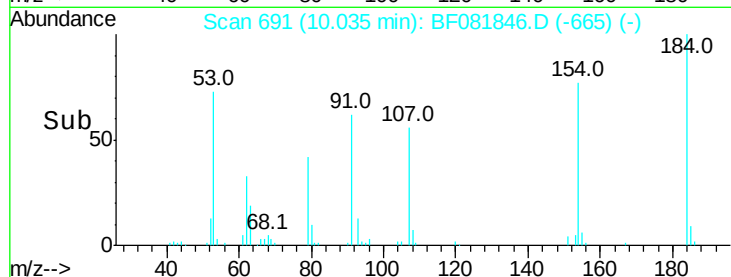
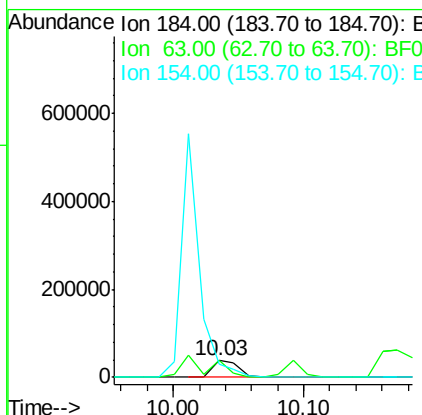
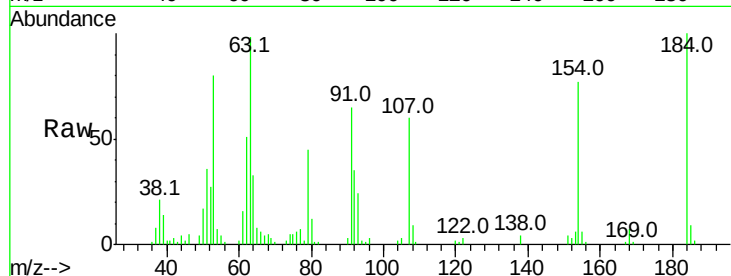
#53
 2,4-Dinitrophenol
 Concen: 176.43 ng
 RT: 10.03 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
184	100		
63	98.4	35.4	53.2#
154	77.1	32.2	48.4#

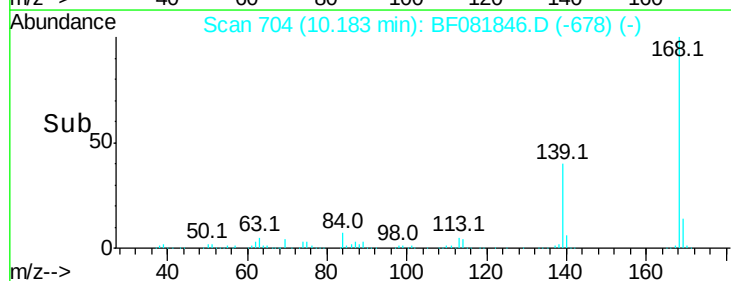
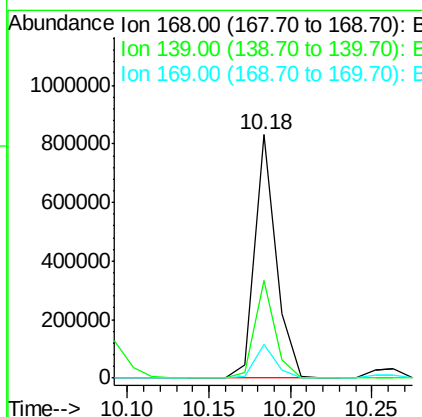
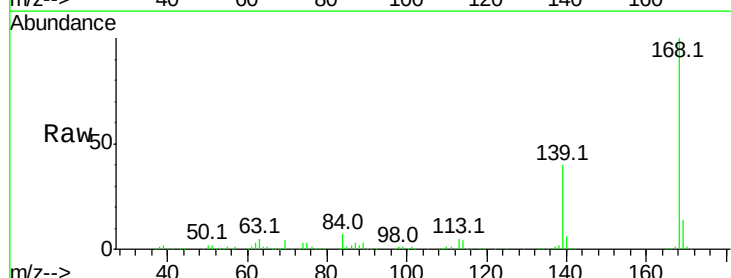
Manual Integrations
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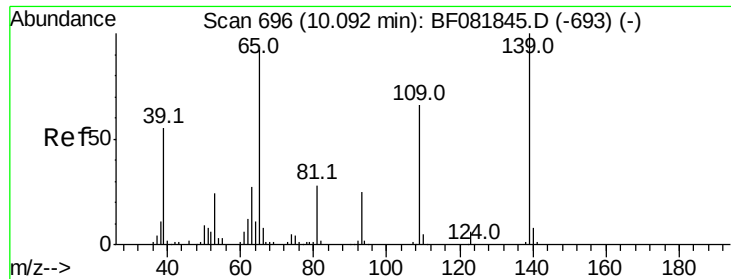
MMDadoda
 9/29/2015 12:10:26 PM



#54
 Dibenzofuran
 Concen: 40.82 ng
 RT: 10.18 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	24.2	36.2#
169	13.7	10.6	15.8





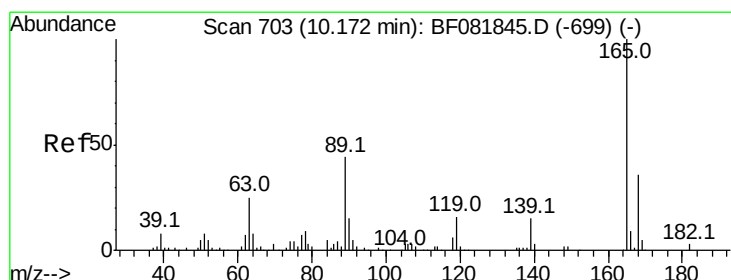
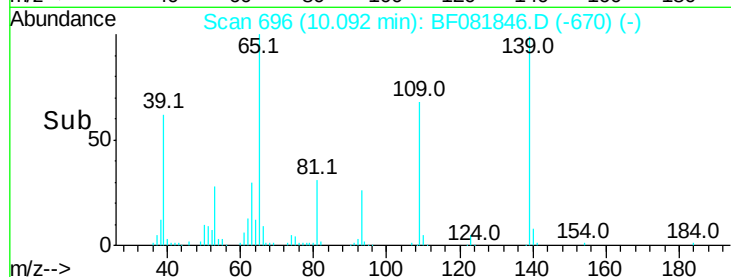
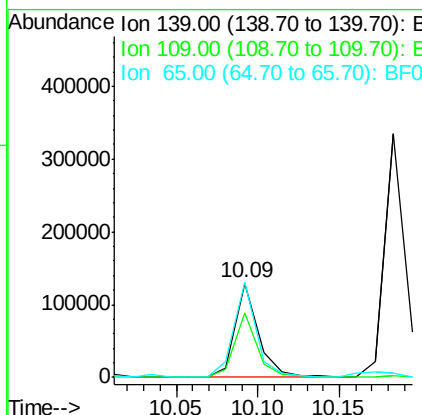
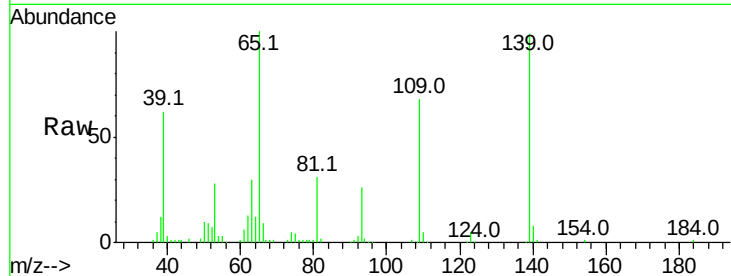
#55
4-Nitrophenol
Concen: 57.68 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.5	12.7	52.7#	
65	100.5	45.9	85.9#	

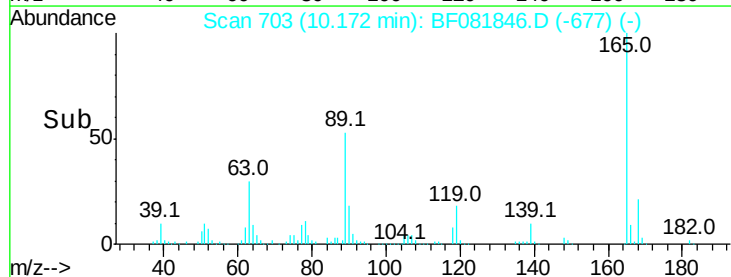
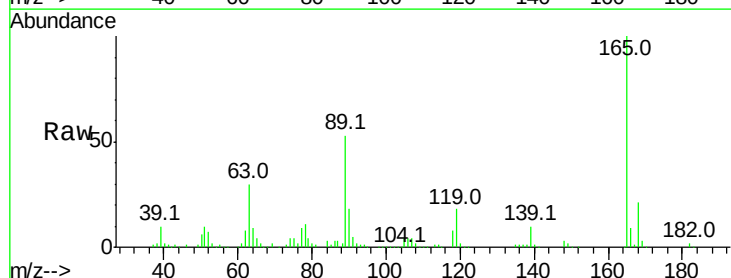
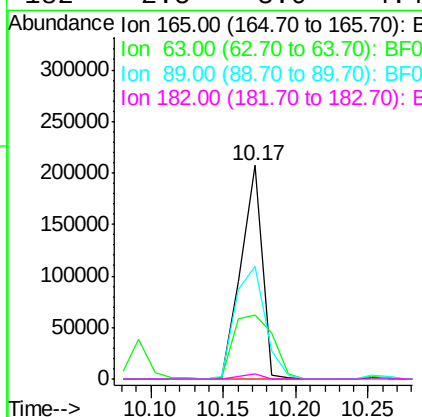
Manual Integrations
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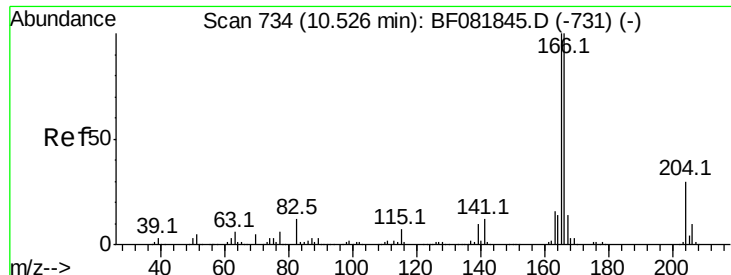
MMDadoda
9/29/2015 12:10:26 PM



#56
2,4-Dinitrotoluene
Concen: 58.29 ng
RT: 10.17 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	30.1	29.8	44.6	
89	52.6	44.5	66.7	
182	2.5	3.0	4.4#	





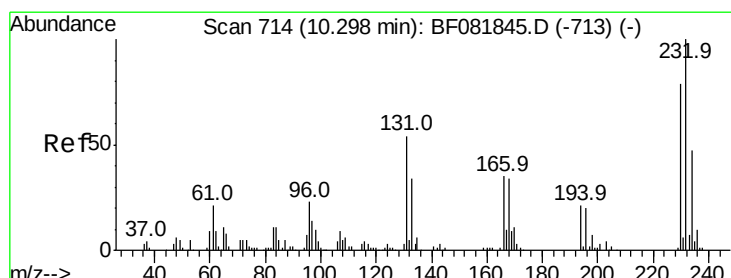
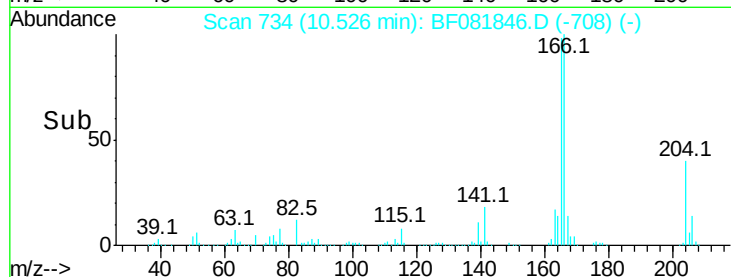
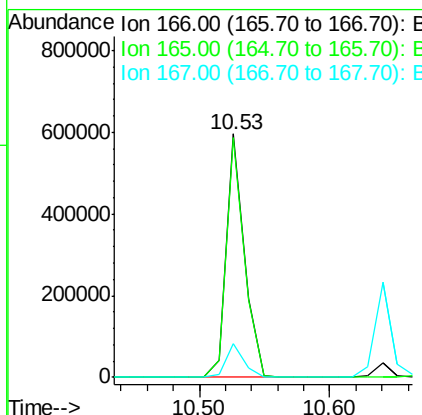
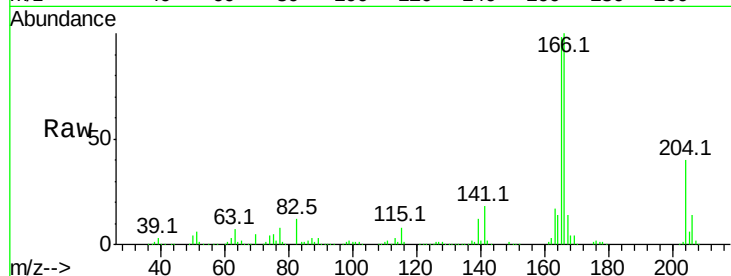
#57
 Fluorene
 Concen: 40.45 ng
 RT: 10.53 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
166	100	575039		
165	98.5	72.6	109.0	
167	13.9	10.6	16.0	

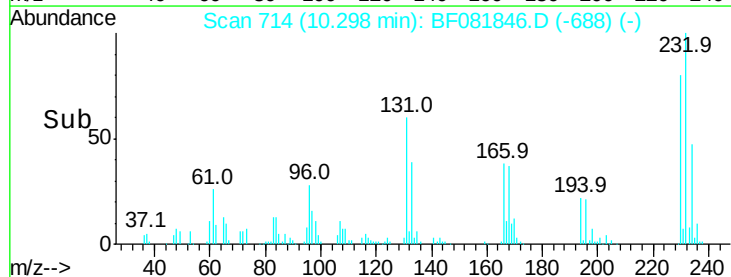
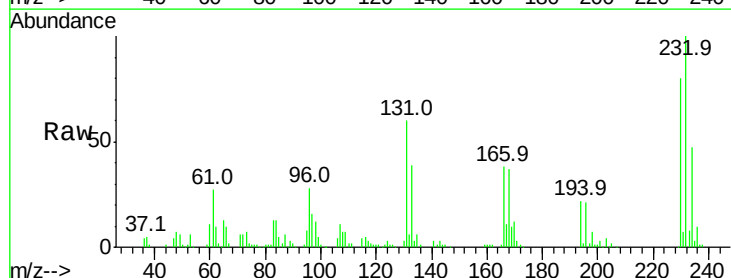
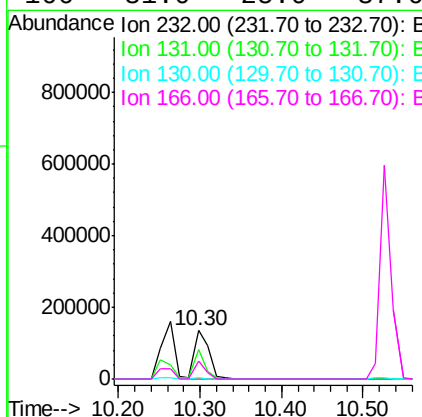
Manual Integrations
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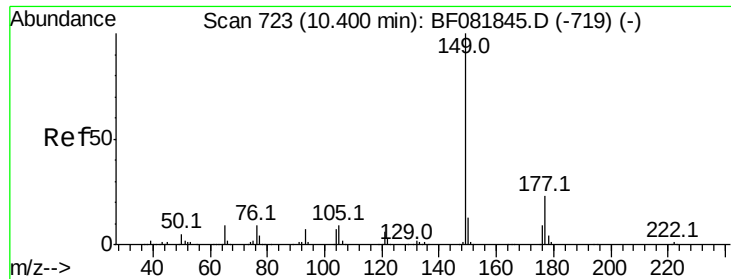
MMDadoda
 9/29/2015 12:10:26 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.29 ng
 RT: 10.30 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	166754		
131	44.9	38.5	57.7	
130	2.0	1.8	2.6	
166	31.0	25.0	37.6	





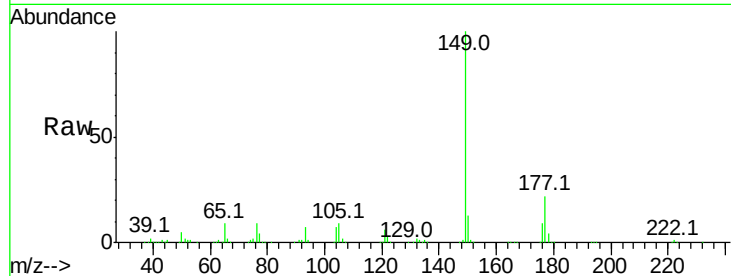
#59
Diethylphthalate
Concen: 41.80 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

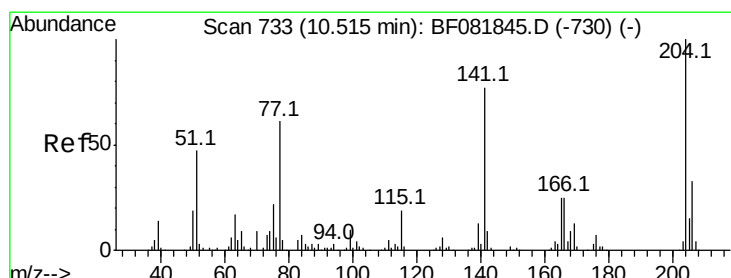
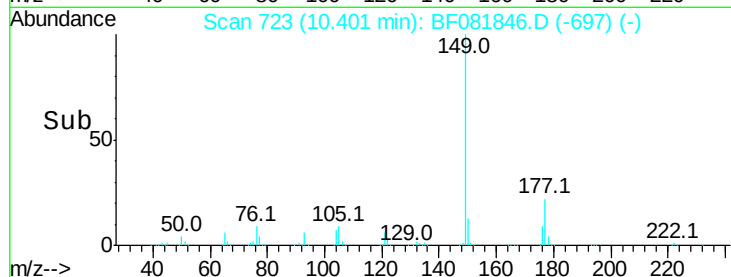
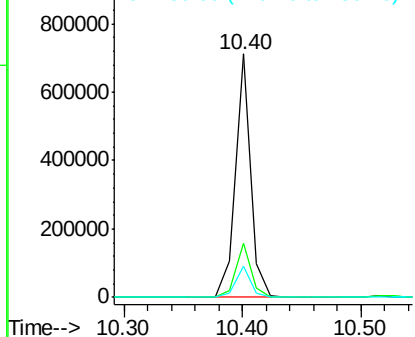
Tot Ion	Ratio	Resp	Lower	Upper
149	100	634134		
177	22.4		17.5	26.3
150	12.9		9.4	14.2

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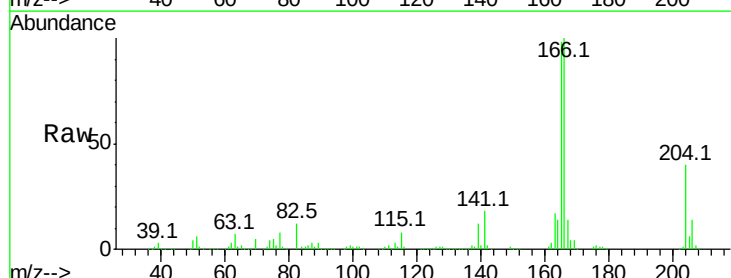


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

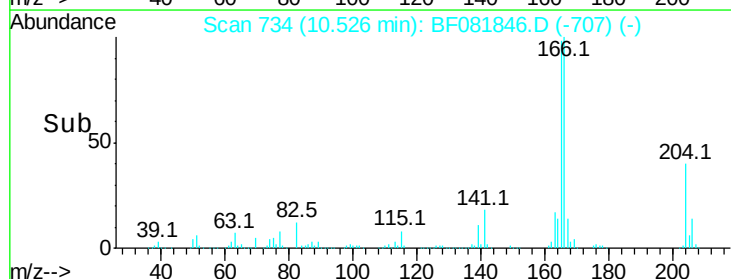
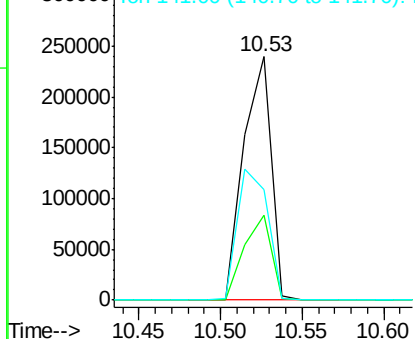


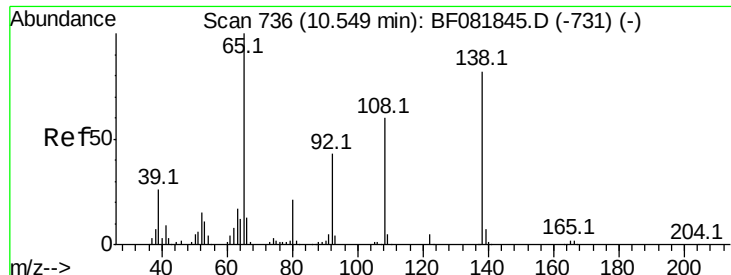
#60
4-Chlorophenyl-phenylether
Concen: 42.94 ng
RT: 10.53 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	280191		
206	34.6		24.8	37.2
141	45.4		42.2	63.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





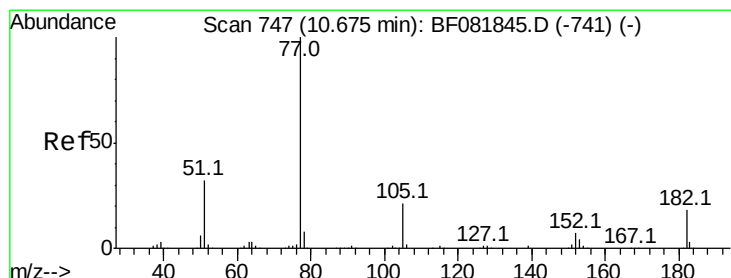
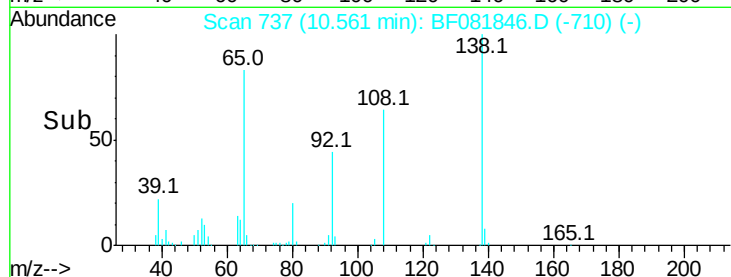
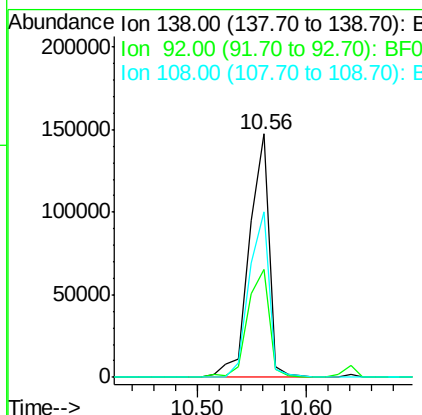
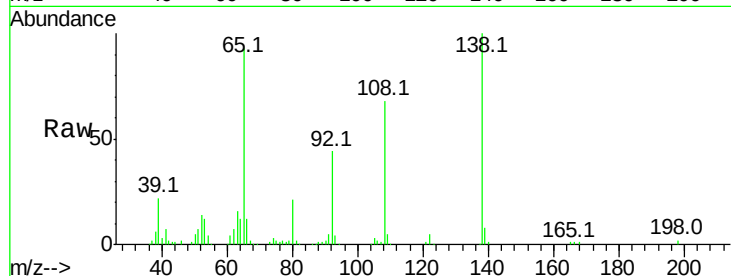
#61
4-Nitroaniline
Concen: 59.02 ng
RT: 10.56 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
138	100	188016		
92	44.4	12.6	52.6	
108	67.8	12.4	52.4#	

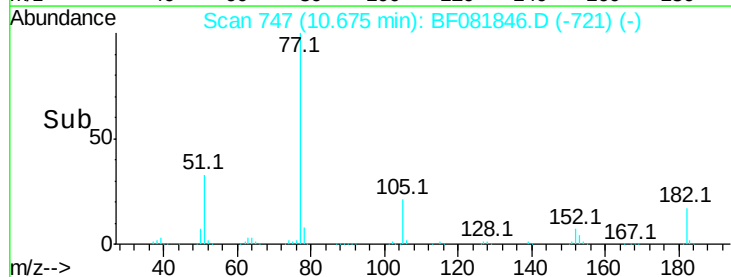
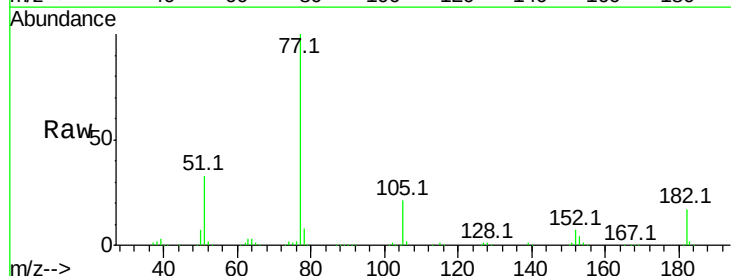
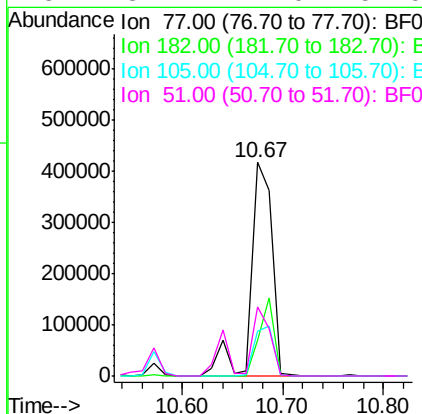
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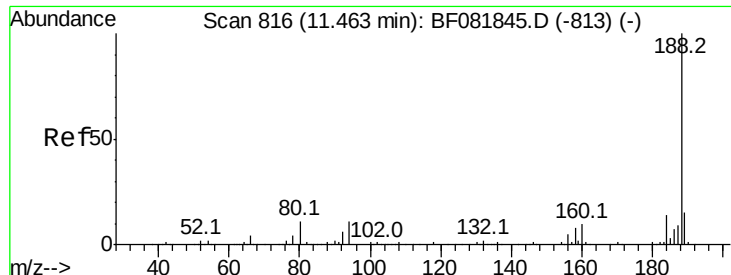
MMDadoda
9/29/2015 12:10:26 PM



#62
Azobenzene
Concen: 39.07 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	606087		
182	16.9	15.1	55.1	
105	21.2	3.4	43.4	
51	32.7	12.0	52.0	





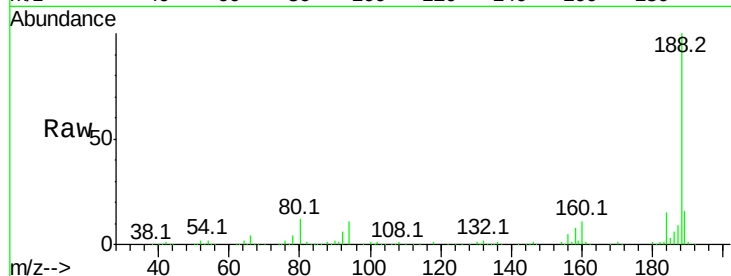
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.0	11.1	16.7	#
80	12.3	11.0	16.4	

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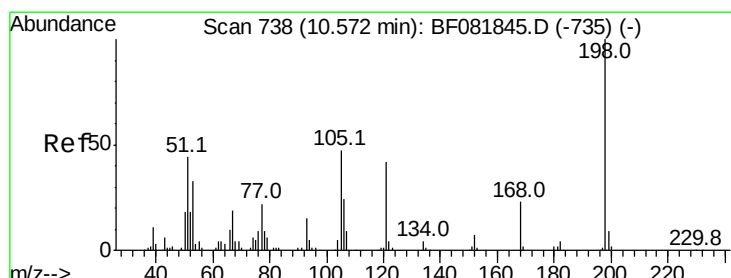
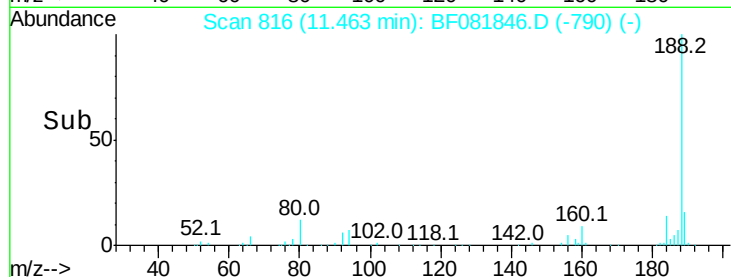
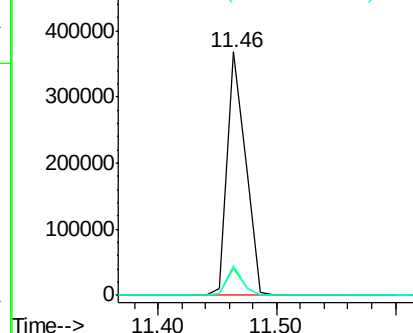
MMDadoda
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Abundance Ion 188.00 (187.70 to 188.70): E

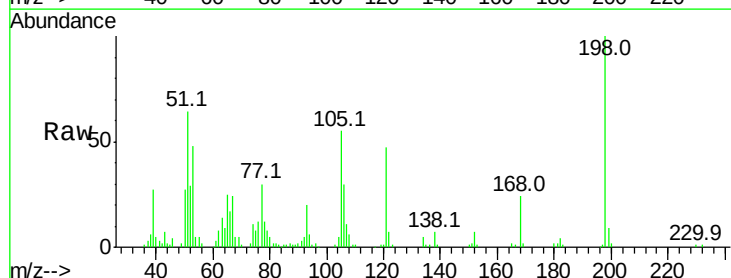
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 112.05 ng
RT: 10.57 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

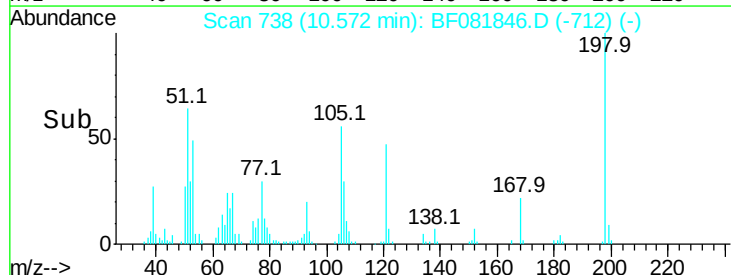
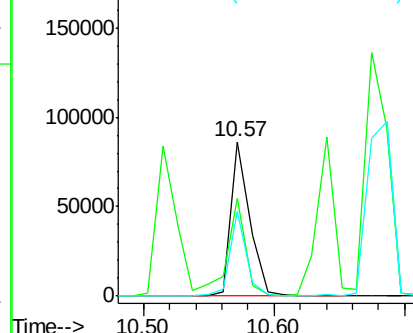
Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	63.7	39.6	79.6	
105	55.4	28.5	68.5	

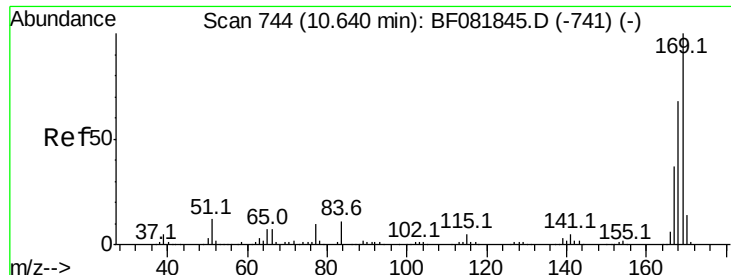


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





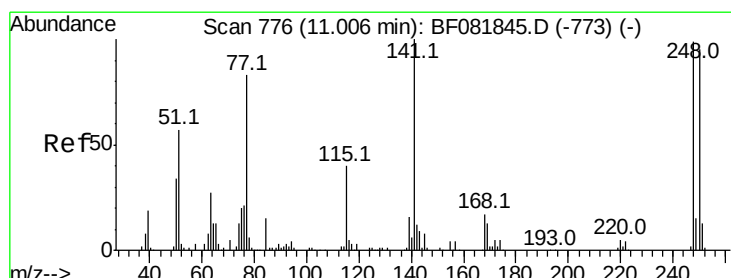
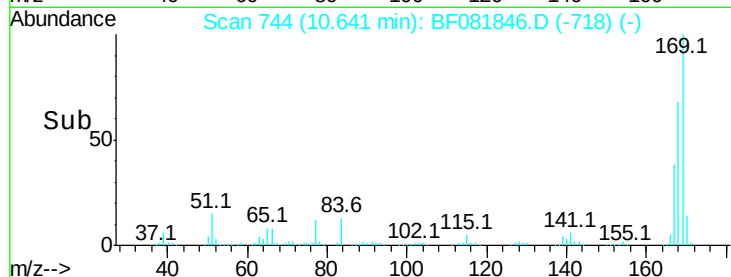
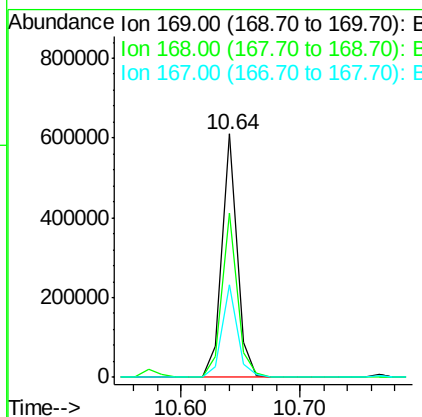
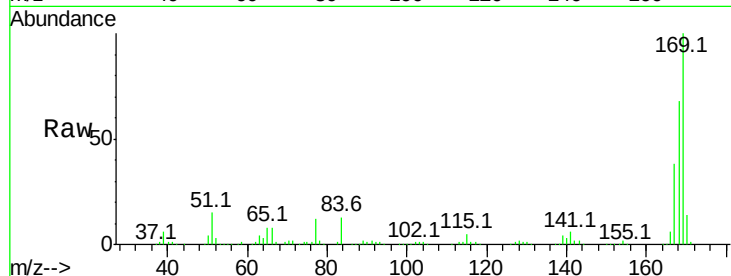
#65
 n-Nitrosodiphenylamine
 Concen: 40.77 ng
 RT: 10.64 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
169	100	536519		
168	67.7		48.9	73.3
167	38.0		26.2	39.4

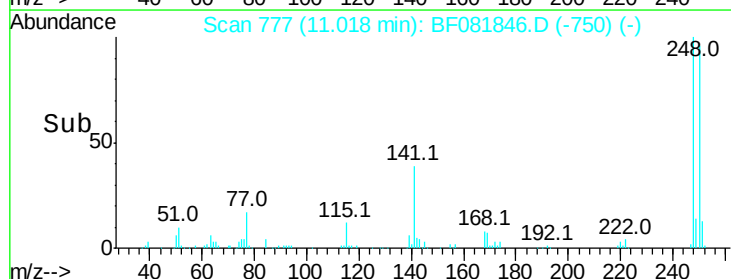
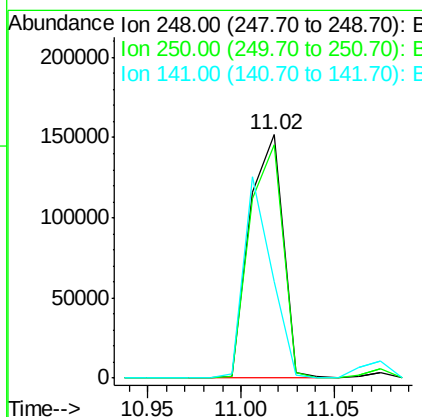
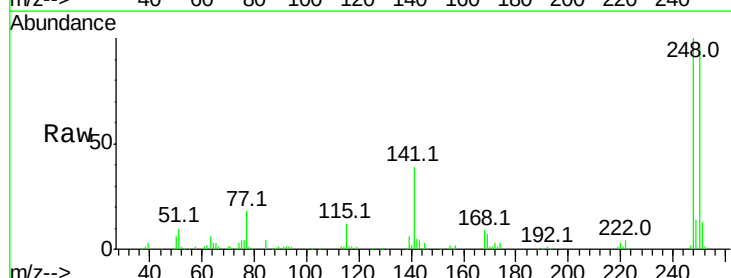
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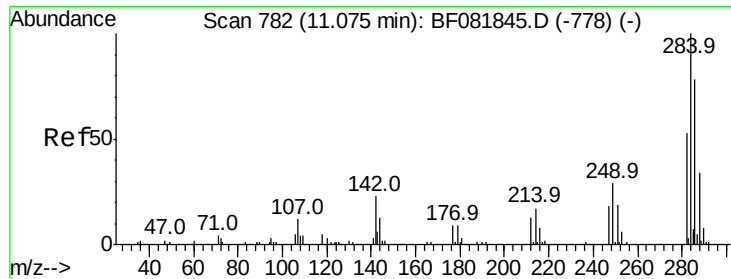
MMDadoda
 9/29/2015 12:10:26 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.22 ng
 RT: 11.02 min Scan# 777
 Delta R.T. 0.01 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	187801		
250	96.0		78.5	117.7
141	39.5		59.0	88.6#





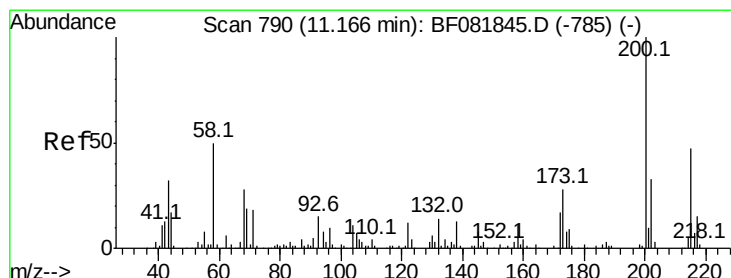
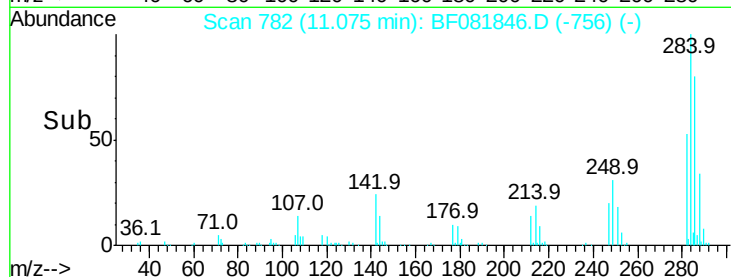
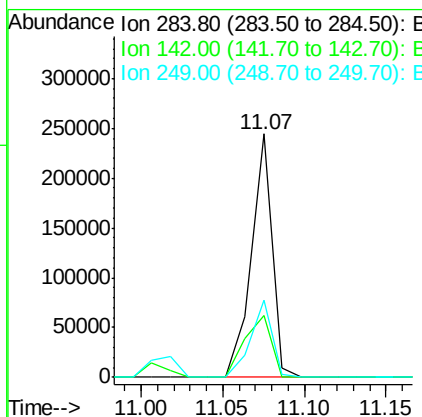
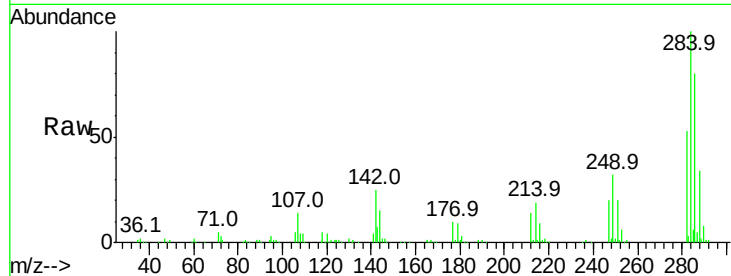
#67
Hexachlorobenzene
Concen: 47.86 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	25.4	29.5	44.3#	
249	31.5	19.5	29.3#	

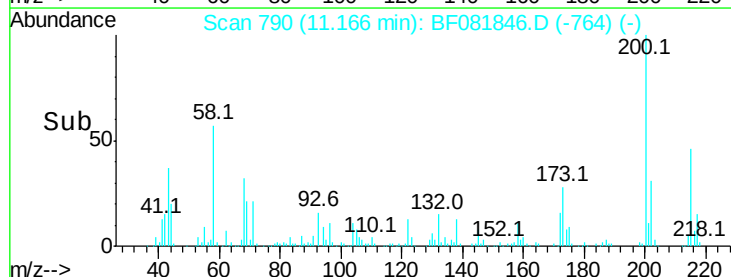
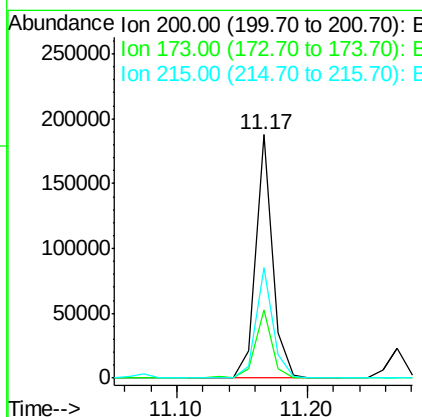
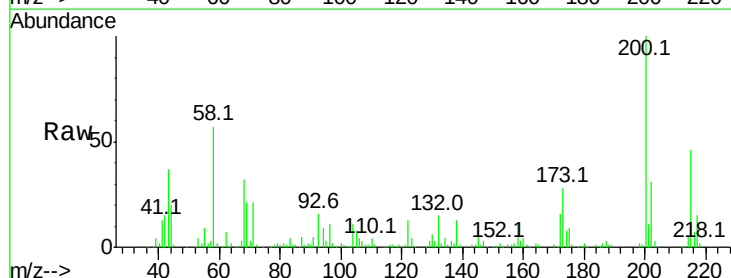
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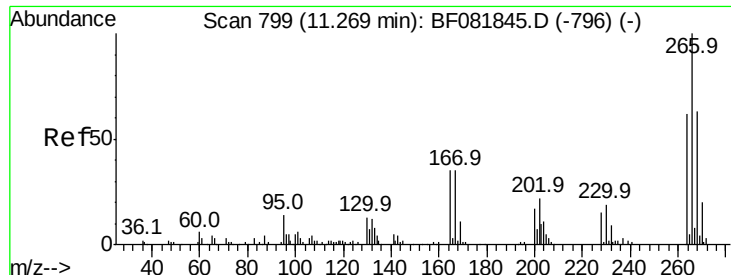
MMDadoda
9/29/2015 12:10:26 PM



#68
Atrazine
Concen: 42.94 ng
RT: 11.17 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	13.2	53.2	
215	45.5	41.8	81.8	





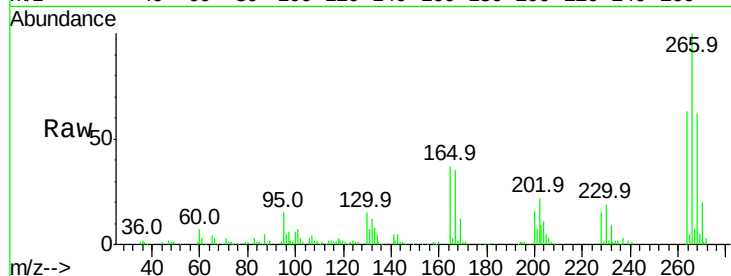
#69
 Pentachlorophenol
 Concen: 71.77 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
266	100	132999		
268	62.4	49.8	74.6	
264	62.8	50.2	75.2	

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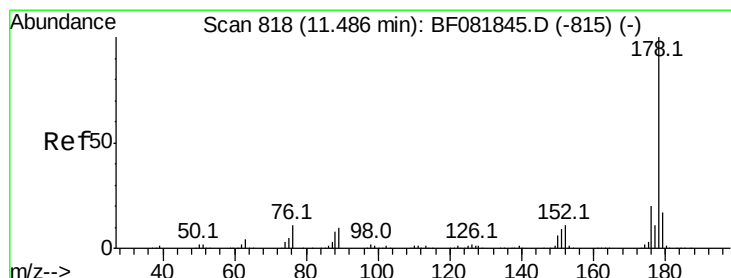
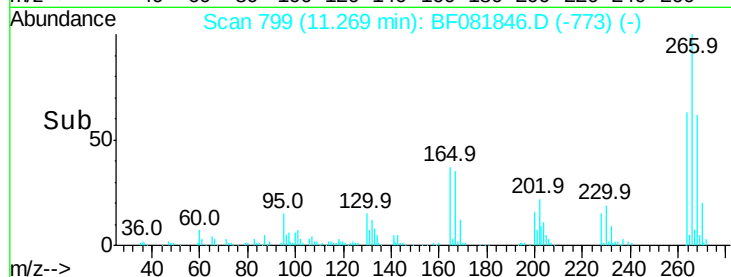
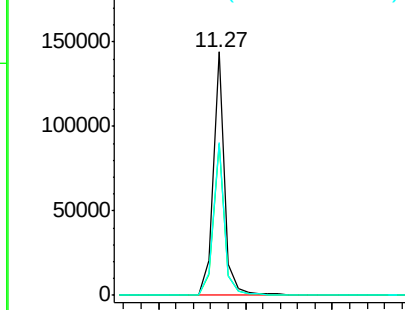


Abundance

Ion 265.70 (265.40 to 266.40): E

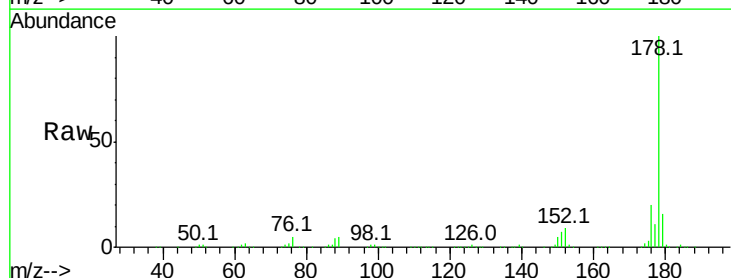
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.24 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	942498		
176	20.2	13.8	20.8	
179	15.5	12.2	18.2	

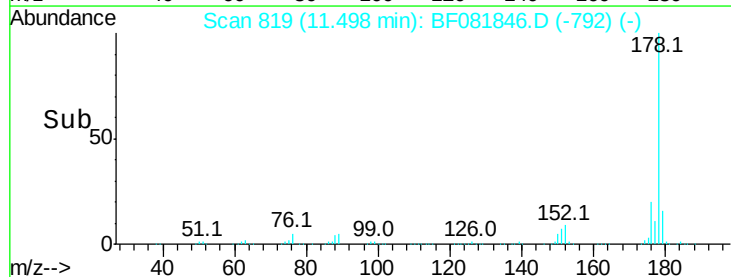
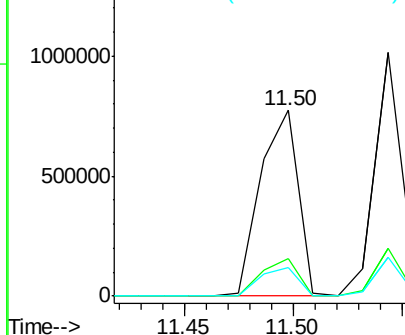


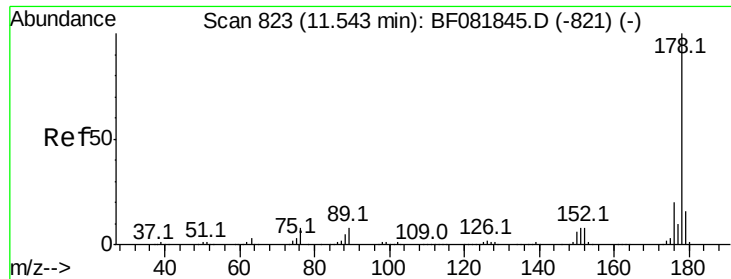
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





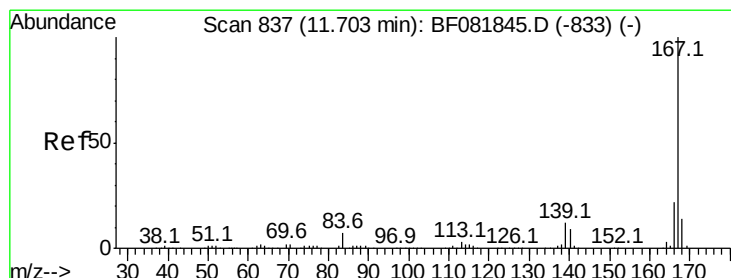
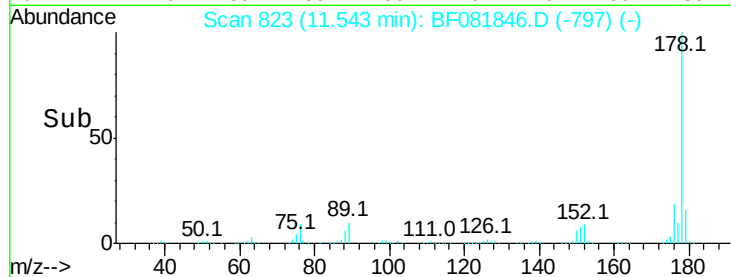
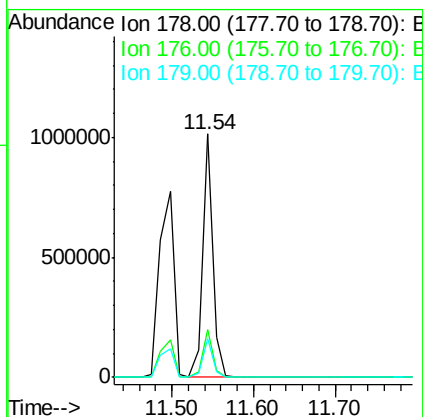
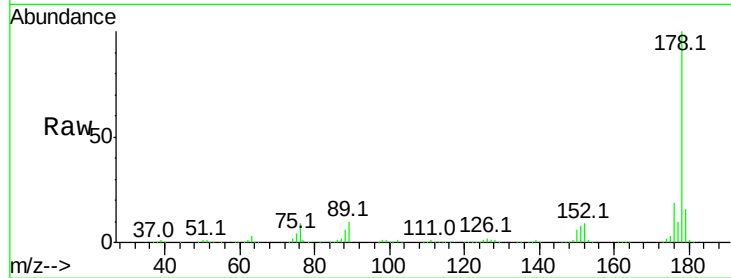
#71
 Anthracene
 Concen: 41.98 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.1	21.1
179	15.9	12.2	18.2

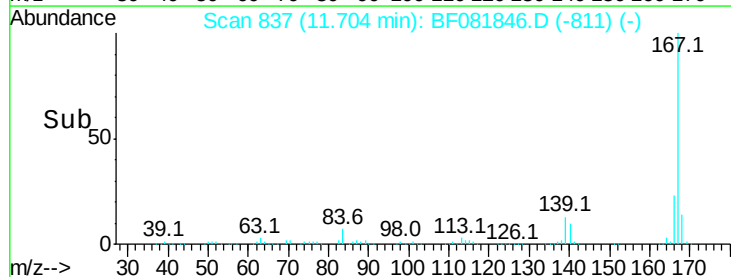
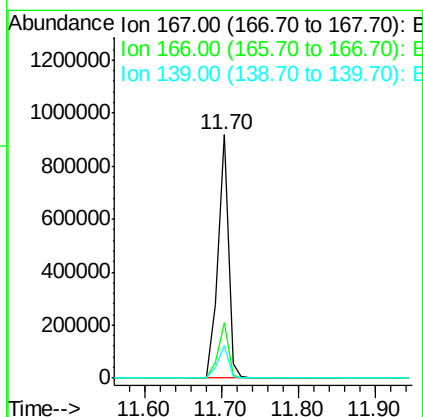
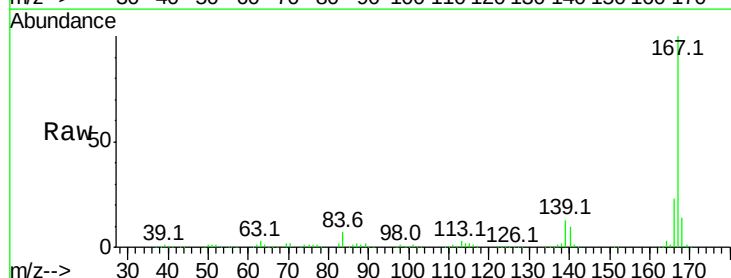
Manual Integrations
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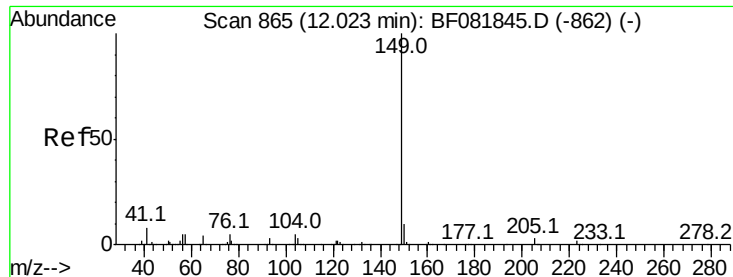
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 9/29/2015 12:10:26 PM



#72
 Carbazole
 Concen: 43.74 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	15.7	23.5
139	13.2	9.5	14.3





#73

Di-n-butylphthalate

Concen: 36.65 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

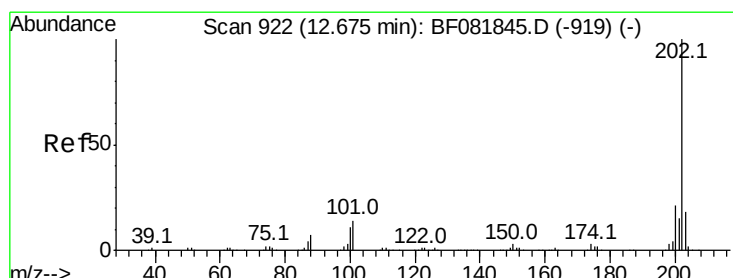
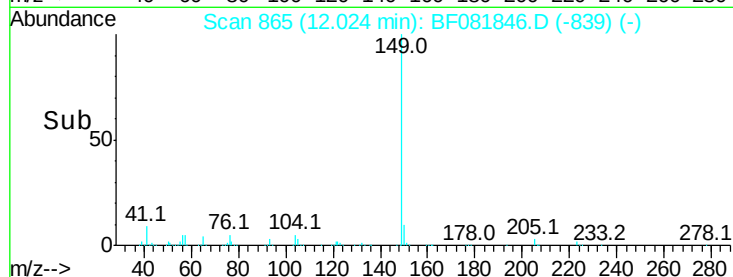
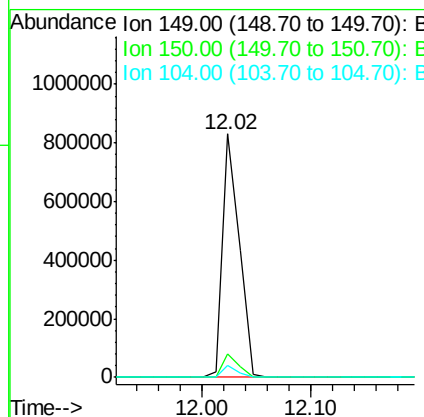
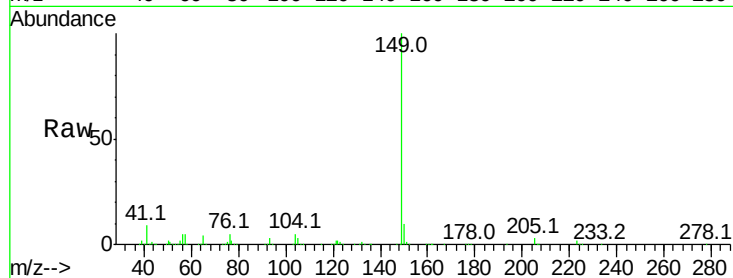
ClientSampleId :

SSTDIC050

Tot Ion:	149	Resp:	890384
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.4	11.2
104	5.1	2.4	3.6#

Manual Integrations
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#74

Fluoranthene

Concen: 43.53 ng

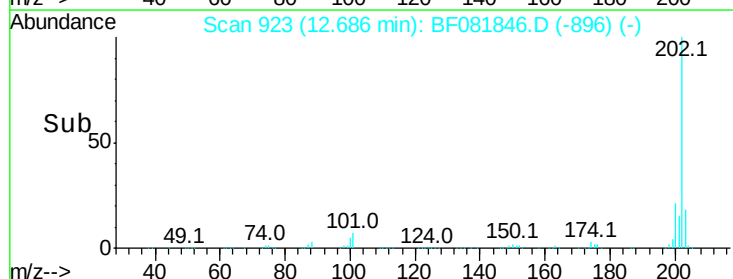
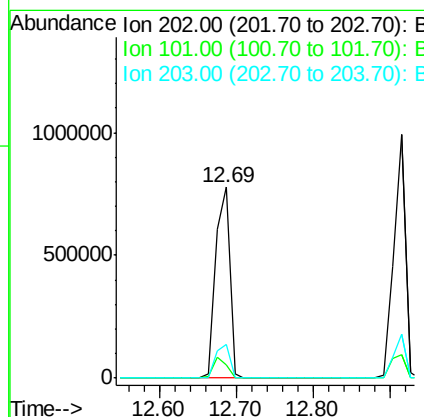
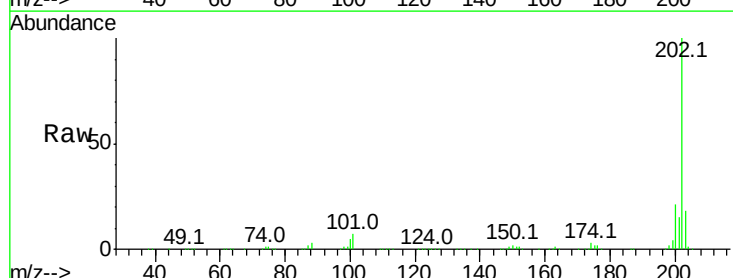
RT: 12.69 min Scan# 923

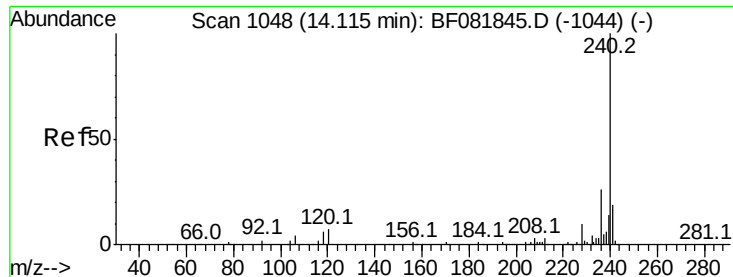
Delta R.T. 0.01 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Tgt Ion:	202	Resp:	978688
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	38.3
203	17.9	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: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

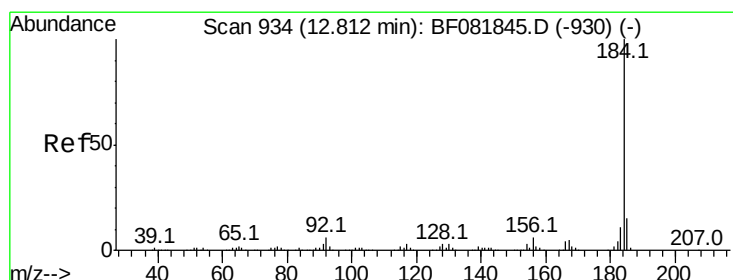
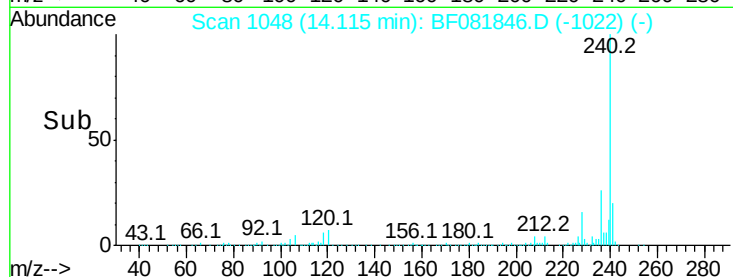
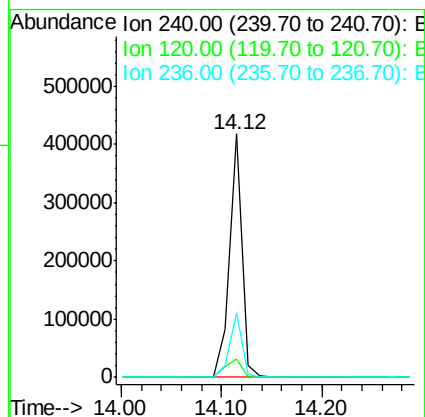
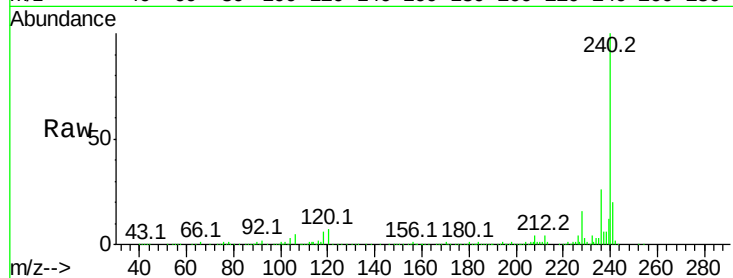
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	16.2	24.2#
236	26.3	18.4	27.6

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#76

Benzidine

Concen: 45.42 ng

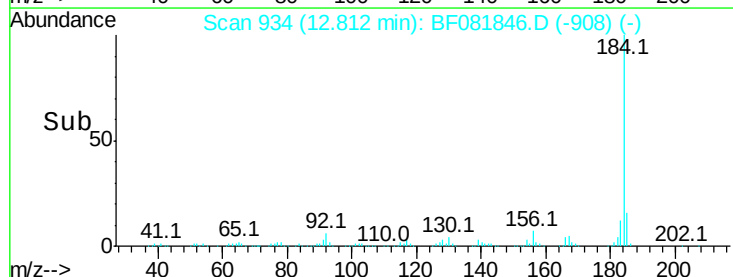
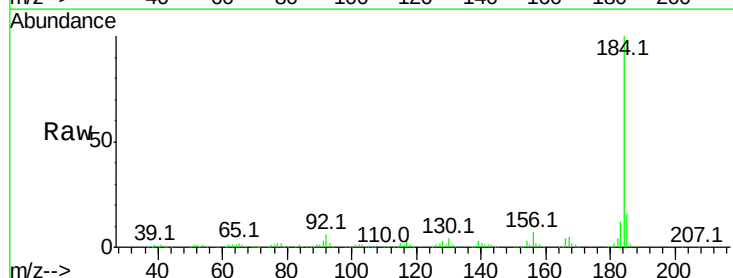
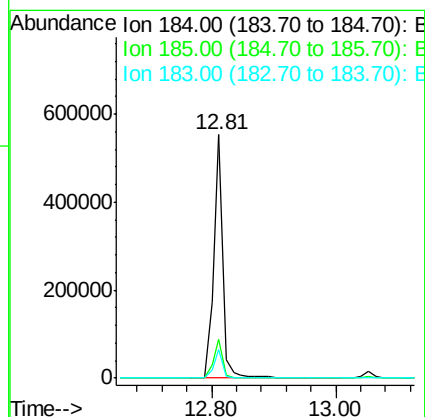
RT: 12.81 min Scan# 934

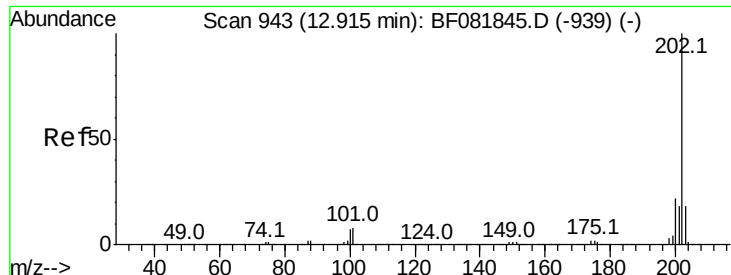
Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.8	17.6
183	11.5	7.6	11.4#





#77

Pvrene

Concen: 37.61 ng

RT: 12.92 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:202 Resp: 1026518

Ion Ratio Lower Upper

202 100

200 22.0 15.0 22.4

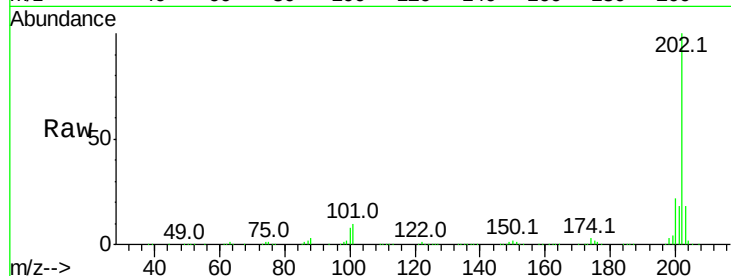
203 17.9 14.1 21.1

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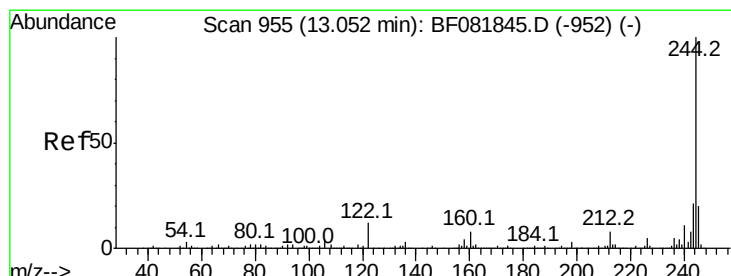
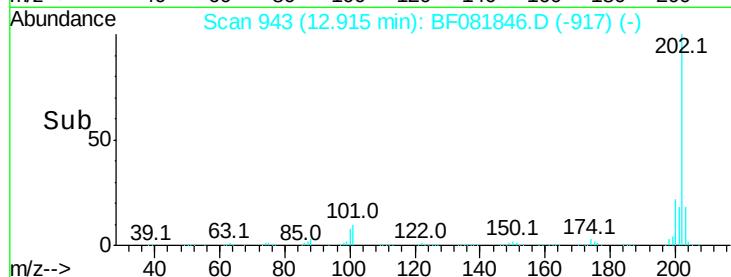
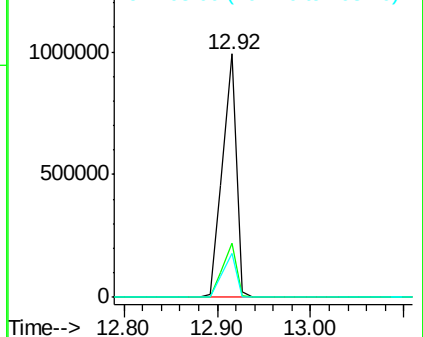
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.75 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Tgt Ion:244 Resp: 1026212

Ion Ratio Lower Upper

244 100

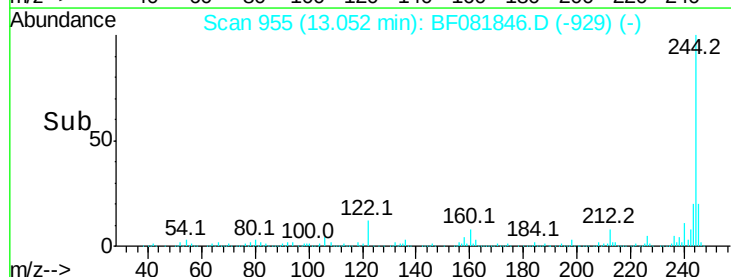
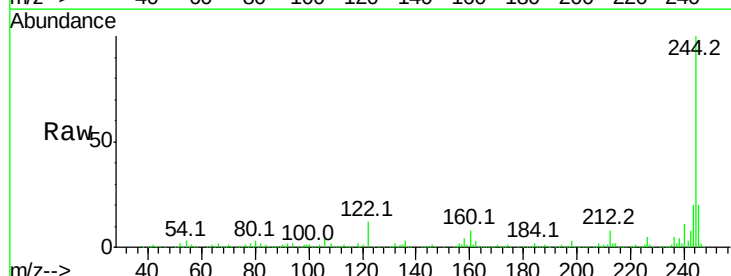
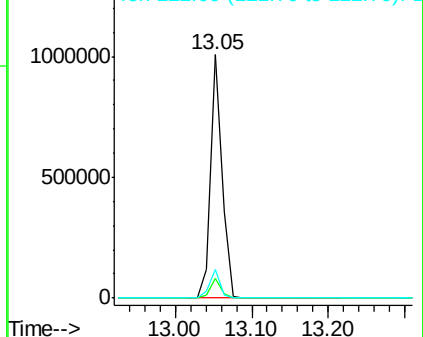
212 7.9 4.3 6.5#

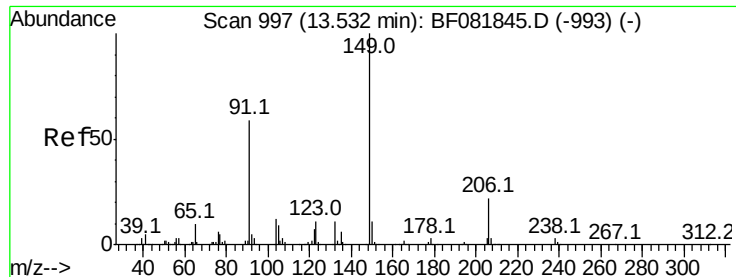
122 11.9 17.4 26.2#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





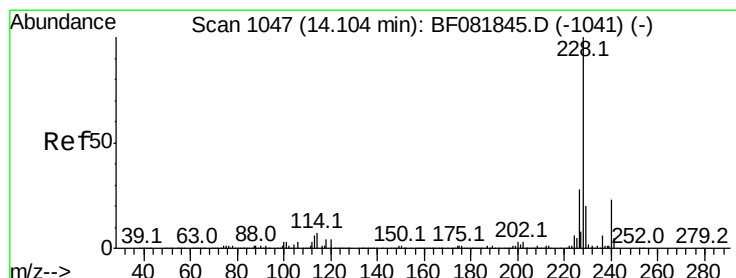
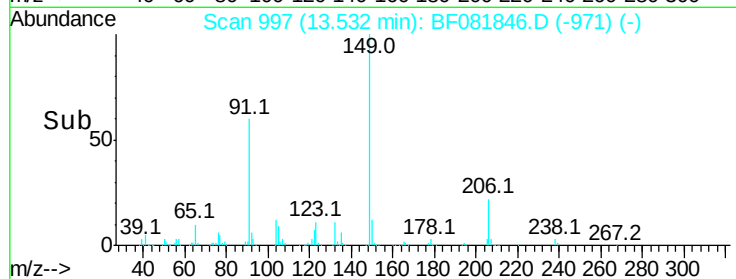
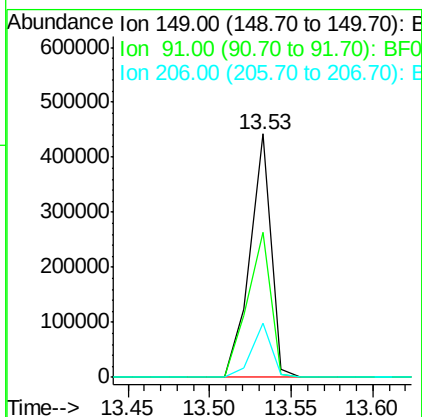
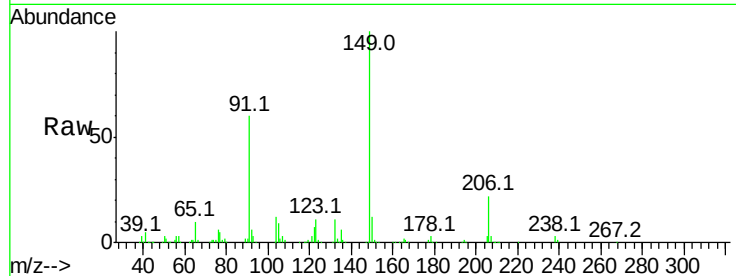
#79
Butylbenzylphthalate
Concen: 36.76 ng
RT: 13.53 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	59.8	48.6	72.8
206	22.0	14.9	22.3

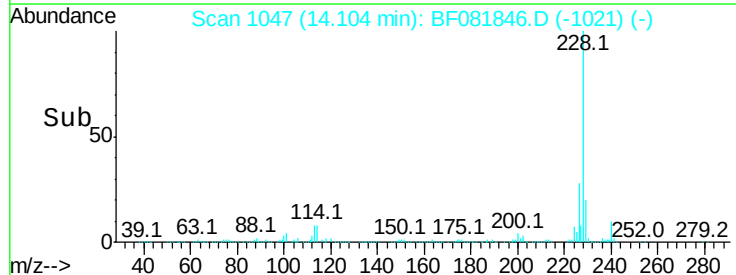
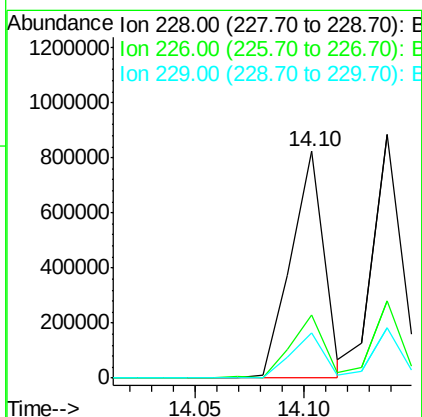
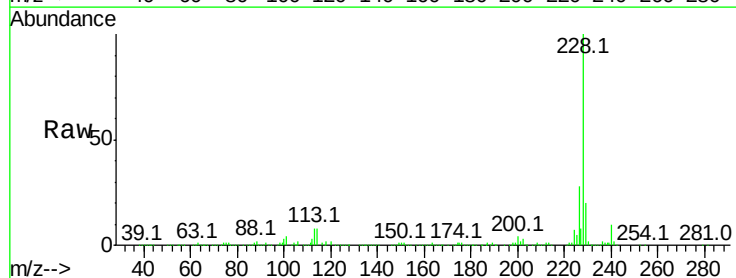
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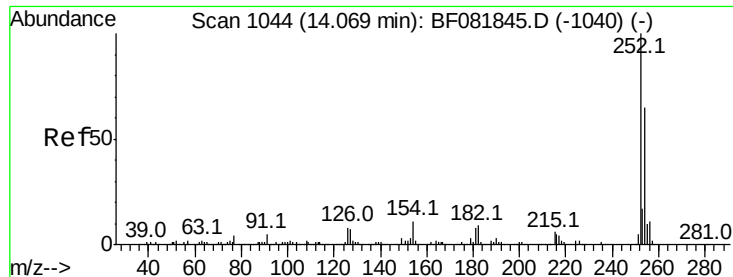
MMDadoda
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#80
Benzo(a)anthracene
Concen: 39.99 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

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





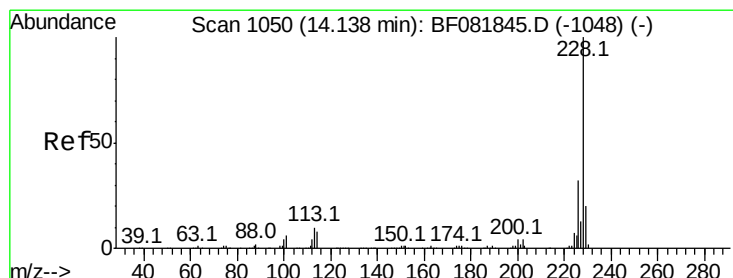
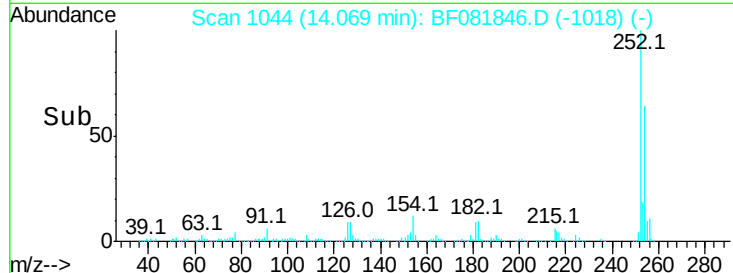
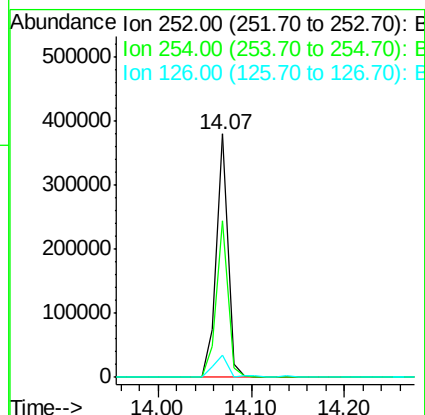
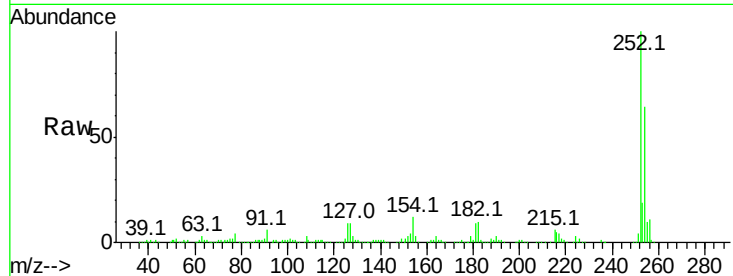
#81
 3,3'-Dichlorobenzidine
 Concen: 47.60 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
252	100	331934		
254	64.1		51.4	77.2
126	8.9		16.4	24.6

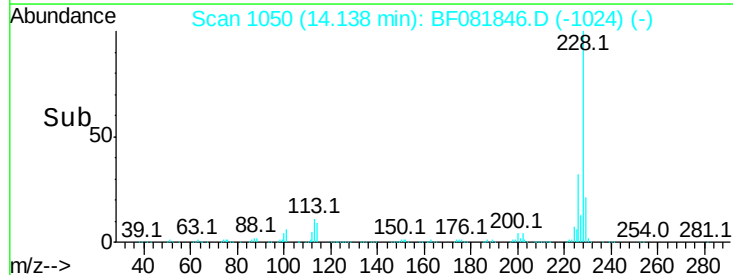
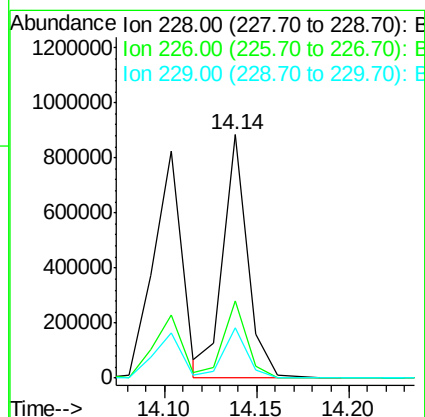
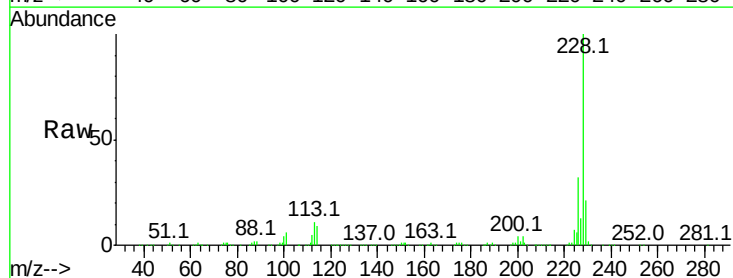
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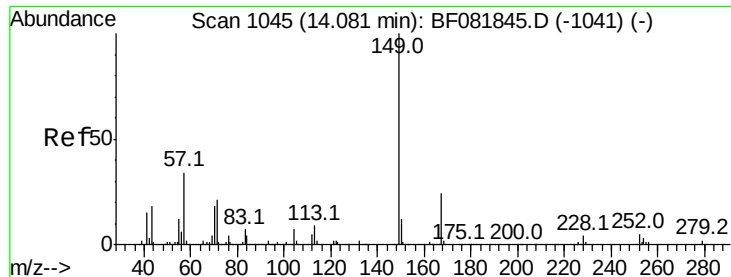
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#82
 Chrysene
 Concen: 38.68 ng m
 RT: 14.14 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	814432		
226	31.6		21.0	31.4
229	20.6		15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.94 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 474134

Ion Ratio Lower Upper

149 100

167 24.8 24.2 36.2

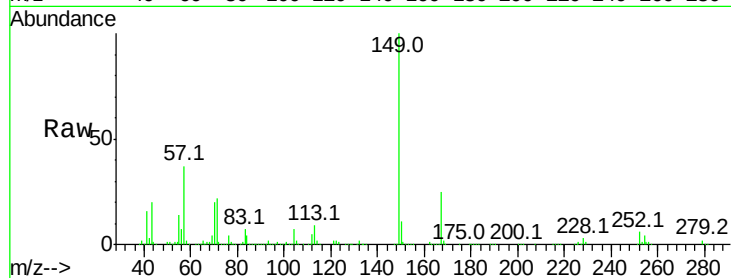
279 1.9 3.8 5.6#

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

14.08

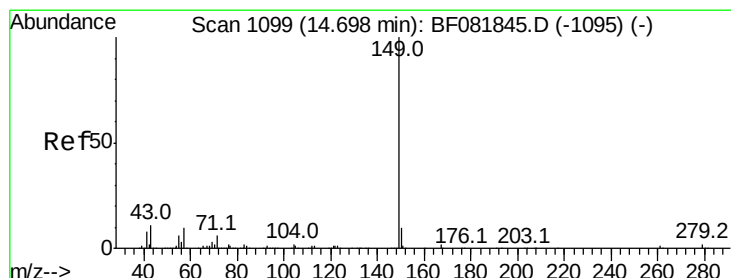
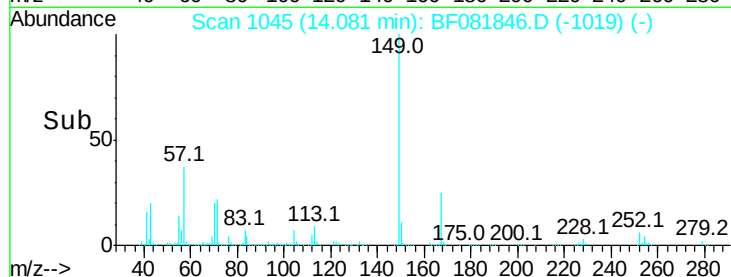
300000

200000

100000

0

Time--> 14.00 14.05 14.10 14.15



#84

Di-n-octyl phthalate

Concen: 40.36 ng

RT: 14.70 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

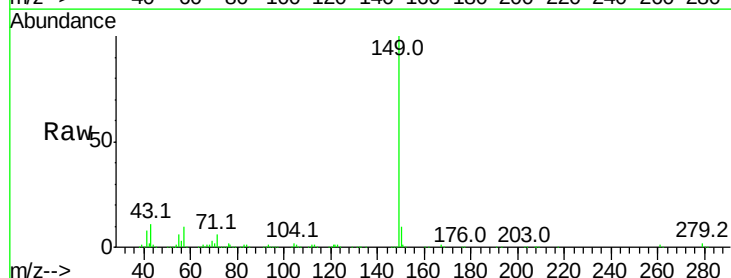
Tgt Ion:149 Resp: 782908

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 9.6 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

14.70

800000

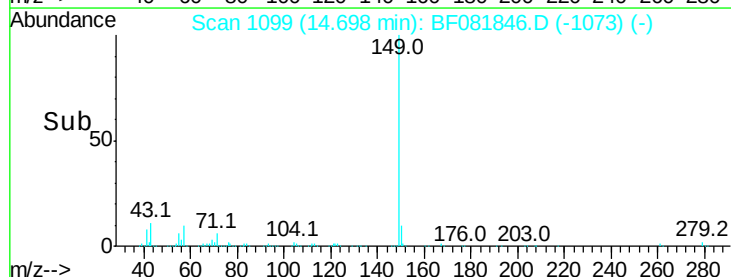
600000

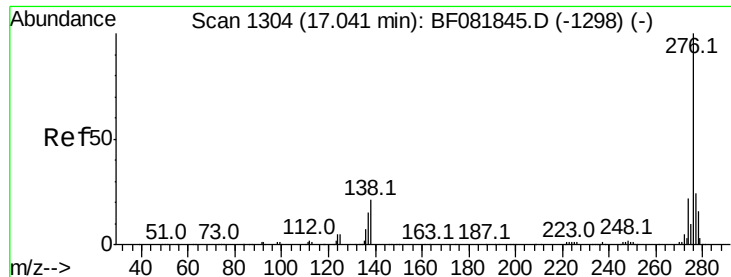
400000

200000

0

Time--> 14.60 14.70 14.80





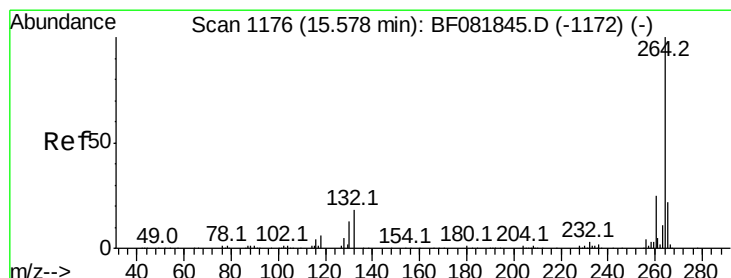
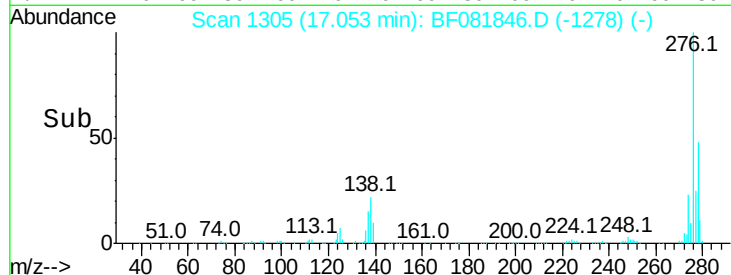
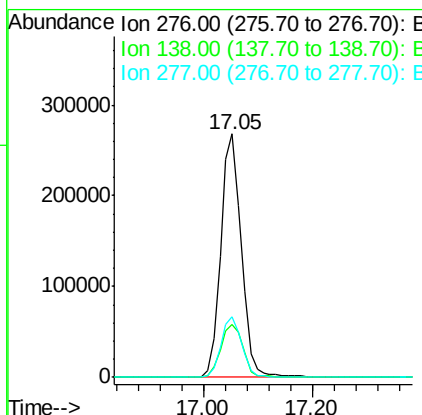
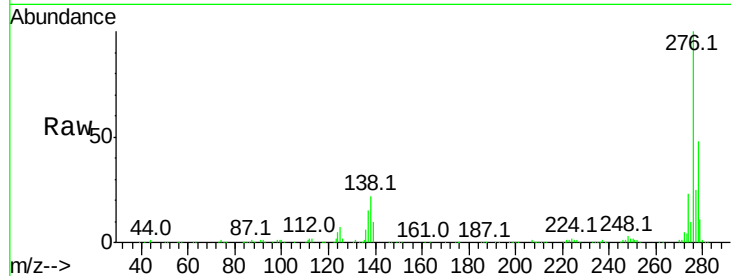
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.84 ng
RT: 17.05 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	25.7	38.5#
277	25.2	15.6	23.4#

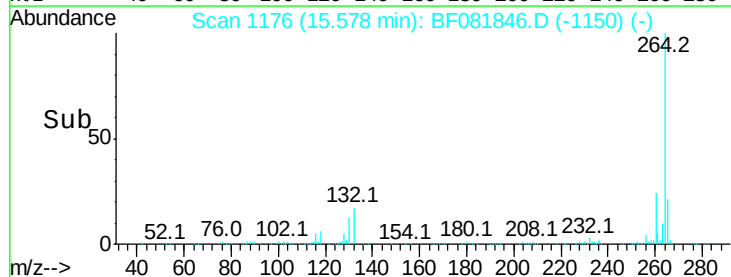
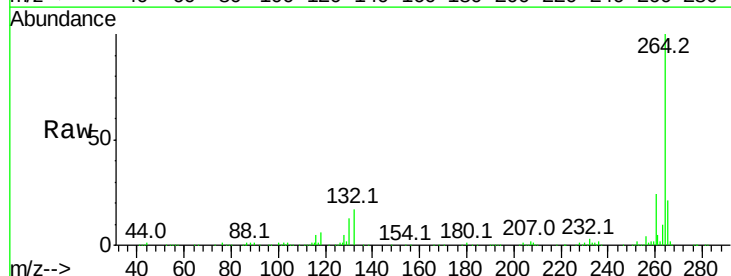
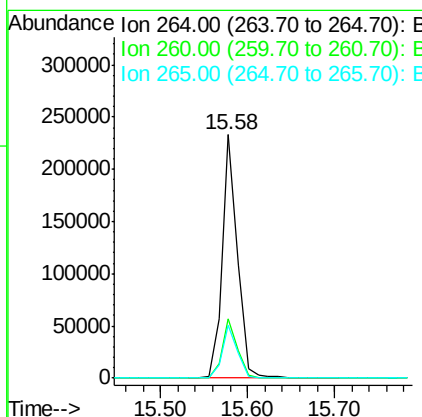
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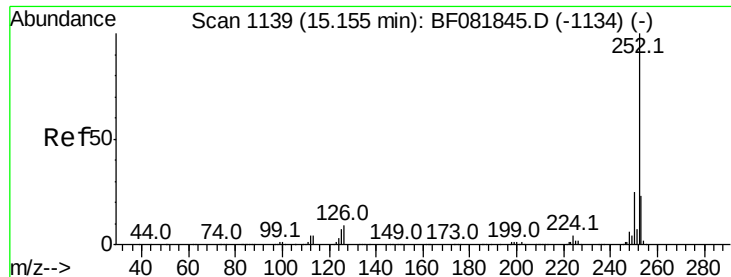
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.48 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

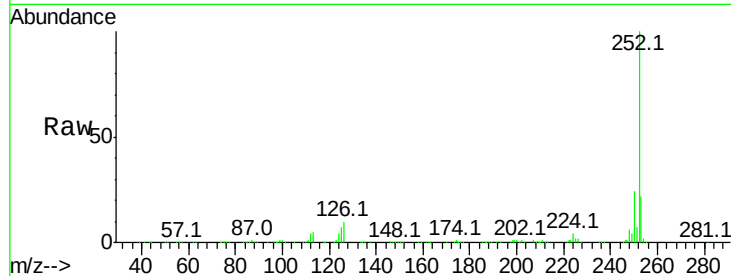
ClientSampleId :

SSTDIC050

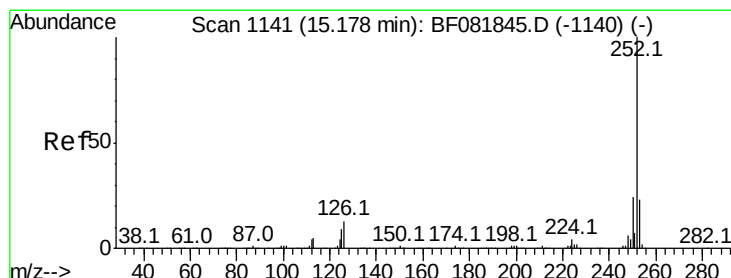
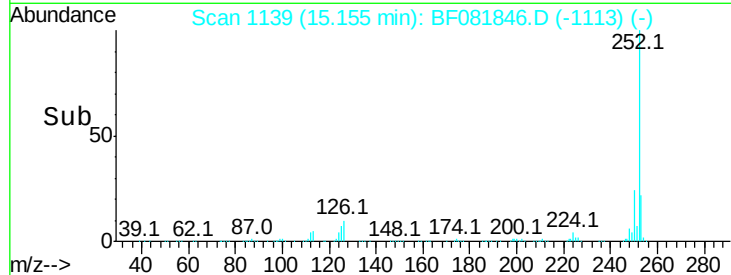
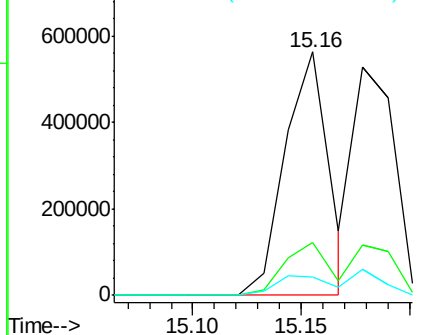
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	7.5	17.1	25.7#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.26 ng m

RT: 15.18 min Scan# 1141

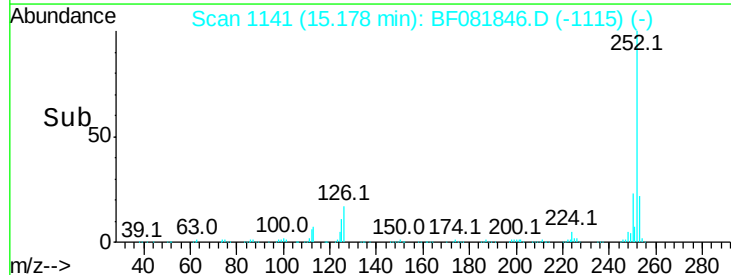
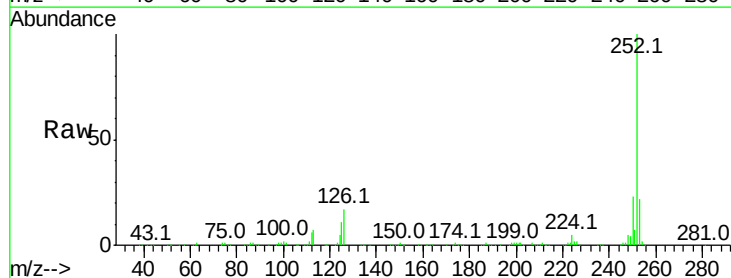
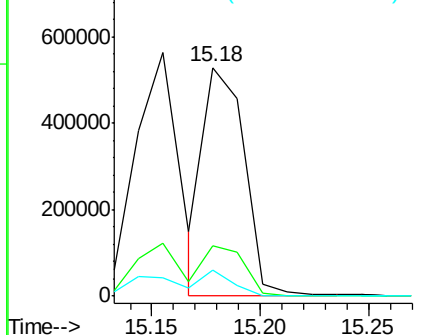
Delta R.T. 0.00 min

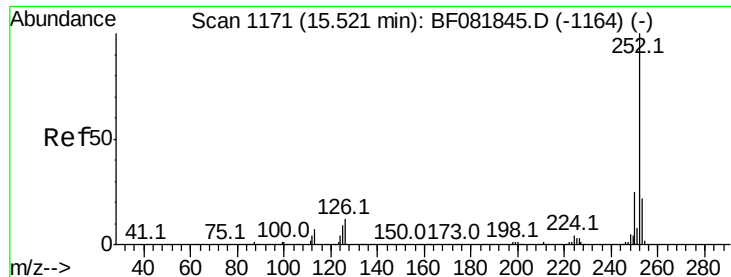
Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	11.3	16.0	24.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





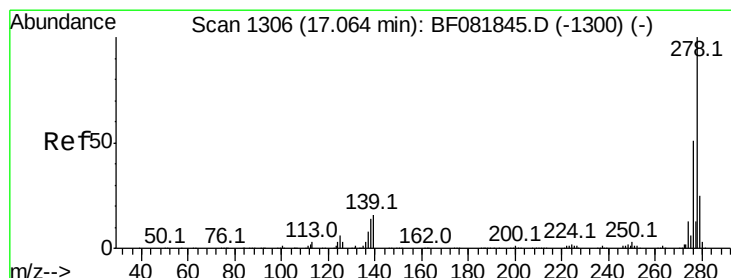
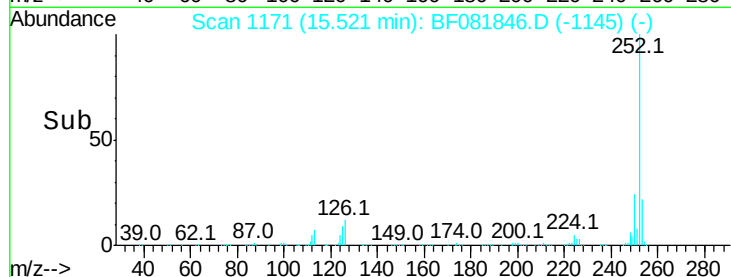
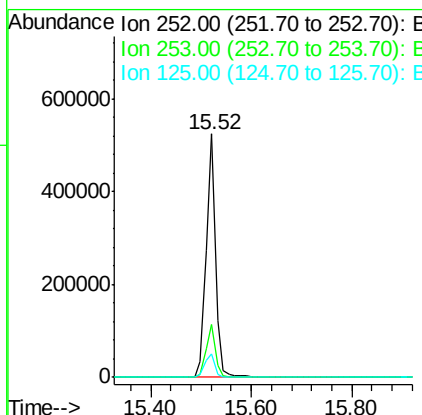
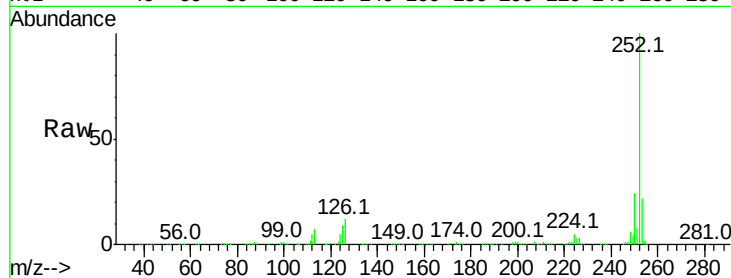
#89
Benzo(a)pyrene
Concen: 44.56 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.5	18.0	27.0

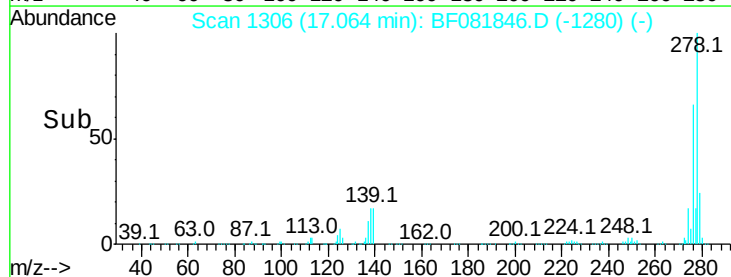
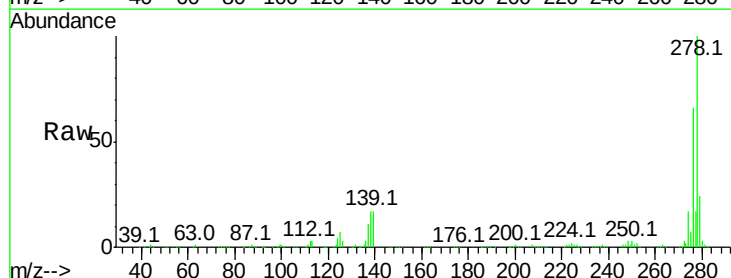
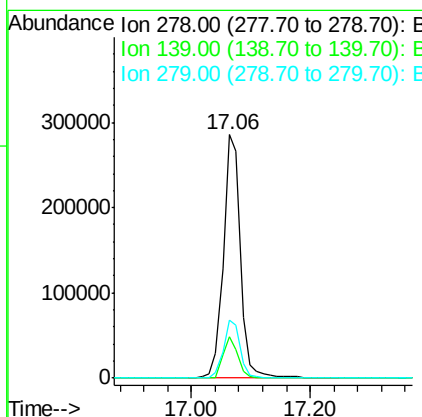
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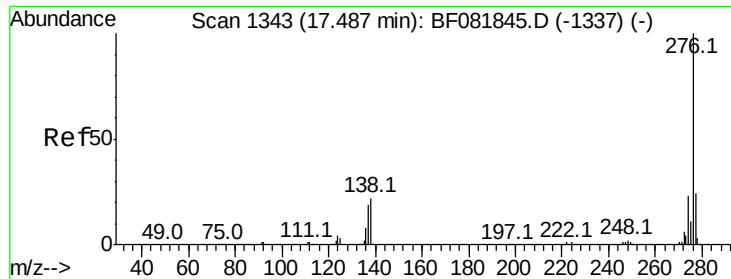
MMDadoda
9/29/2015 12:10:26 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.76 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	26.3	39.5
279	24.0	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.34 ng
 RT: 17.50 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	276	Resp:	581652
Ion Ratio	Lower	Upper	
276	100		
277	24.3	17.8	26.6
138	18.6	34.6	51.8#

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