

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080780.D
 Acq On : 1 Aug 2015 14:52
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 3:41:03 PM

Quant Time: Aug 03 02:52:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144960	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	496498	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	218434	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	410392	20.00	ng	0.00
75) Chrysene-d12	14.00	240	314412	20.00	ng	0.00
86) Perylene-d12	15.41	264	318218	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	637127	75.40	ng	0.00
7) Phenol-d6	6.49	99	897626	78.03	ng	0.00
23) Nitrobenzene-d5	7.41	82	821847	80.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	177911	78.49	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1236867	84.48	ng	0.00
78) Terphenyl-d14	12.95	244	1034195	62.21	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	153359	36.80	ng	98
3) Pyridine	3.21	79	396785	34.32	ng	96
4) n-Nitrosodimethylamine	3.15	42	269125	40.72	ng	92
6) Aniline	6.51	93	603716	36.45	ng	93
8) 2-Chlorophenol	6.64	128	354079	37.38	ng	98
9) Benzaldehyde	6.40	77	249119	33.97	ng	85
10) Phenol	6.50	94	519576	39.03	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	339022	35.65	ng	99
12) 1,3-Dichlorobenzene	6.80	146	426130	40.41	ng	98
13) 1,4-Dichlorobenzene	6.88	146	418520	38.91	ng	98
14) 1,2-Dichlorobenzene	7.02	146	396708	40.35	ng	98
15) Benzyl Alcohol	7.00	79	296039	30.99	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	772206	38.01	ng	97
17) 2-Methylphenol	7.10	107	274263	35.28	ng	99
18) Hexachloroethane	7.37	117	158779	39.55	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	287594	37.12	ng	# 89
20) 3+4-Methylphenols	7.26	107	376088	39.21	ng	# 77
22) Acetophenone	7.26	105	481095	40.14	ng	# 89
24) Nitrobenzene	7.44	77	431676	42.02	ng	98
25) Isophorone	7.68	82	685614	37.60	ng	99
26) 2-Nitrophenol	7.76	139	180101	43.19	ng	90
27) 2,4-Dimethylphenol	7.79	122	315138	40.23	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	443429	41.05	ng	99
29) 2,4-Dichlorophenol	8.00	162	280850	40.34	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	296768	39.09	ng	99
31) Naphthalene	8.16	128	914045	36.88	ng	100
32) Benzoic acid	7.89	122	180440	32.95	ng	96
33) 4-Chloroaniline	8.20	127	371618	35.53	ng	# 85
34) Hexachlorobutadiene	8.28	225	217373	44.34	ng	99
35) Caprolactam	8.58	113	77380	37.11	ng	# 75
36) 4-Chloro-3-methylphenol	8.68	107	275103	36.65	ng	97
37) 2-Methylnaphthalene	8.85	142	596267	38.33	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	281508	41.04	ng	98
40) Hexachlorocyclopentadiene	9.00	237	168611	39.95	ng	98

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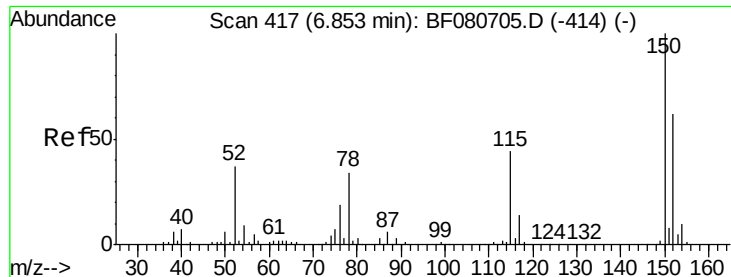
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	191253	40.08	ng	97
43) 2,4,5-Trichlorophenol	9.16	196	211866	44.76	ng	97
45) 1,1'-Biphenyl	9.31	154	635020	37.91	ng	95
46) 2-Chloronaphthalene	9.33	162	526948	38.52	ng	# 90
47) 2-Nitroaniline	9.42	65	187584	35.24	ng	# 71
48) Acenaphthylene	9.74	152	832294	38.26	ng	99
49) Dimethylphthalate	9.62	163	616864	40.07	ng	97
50) 2,6-Dinitrotoluene	9.68	165	137159	41.99	ng	# 73
51) Acenaphthene	9.92	154	523705	39.46	ng	99
52) 3-Nitroaniline	9.84	138	124794	33.10	ng	# 54
53) 2,4-Dinitrophenol	9.94	184	64606	37.13	ng	# 80
54) Dibenzofuran	10.09	168	653634	36.83	ng	93
55) 4-Nitrophenol	9.98	139	91740	33.03	ng	# 43
56) 2,4-Dinitrotoluene	10.06	165	162272	37.88	ng	# 75
57) Fluorene	10.43	166	519284	37.70	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	141444	39.62	ng	100
59) Diethylphthalate	10.32	149	591839	39.89	ng	96
60) 4-Chlorophenyl-phenylether	10.43	204	289972	48.81	ng	87
61) 4-Nitroaniline	10.44	138	127789	37.55	ng	90
62) Azobenzene	10.59	77	711191	44.24	ng	91
64) 4,6-Dinitro-2-methylphenol	10.48	198	94081	38.07	ng	# 70
65) n-Nitrosodiphenylamine	10.54	169	497914	37.01	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	163361	38.56	ng	# 85
67) Hexachlorobenzene	10.98	284	191238	39.04	ng	# 83
68) Atrazine	11.07	200	131809	38.88	ng	97
69) Pentachlorophenol	11.17	266	108032	36.45	ng	98
70) Phenanthrene	11.39	178	783231	37.88	ng	99
71) Anthracene	11.45	178	774842	38.14	ng	98
72) Carbazole	11.60	167	706831	40.09	ng	99
73) Di-n-butylphthalate	11.94	149	827737	37.86	ng	98
74) Fluoranthene	12.57	202	736417	36.84	ng	97
76) Benzidine	12.69	184	328448	28.69	ng	99
77) Pyrene	12.80	202	750051	30.76	ng	99
79) Butylbenzylphthalate	13.43	149	344726	34.48	ng	# 84
80) Benzo(a)anthracene	13.99	228	686304	36.30	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	243694	37.76	ng	# 96
82) Chrysene	14.02	228	570209	31.07	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	458285	37.75	ng	# 95
84) Di-n-octyl phthalate	14.59	149	732886	36.00	ng	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	826869	49.67	ng	# 90
87) Benzo(b)fluoranthene	15.00	252	726742	38.23	ng	# 98
88) Benzo(k)fluoranthene	15.04	252	476310m	30.45	ng	
89) Benzo(a)pyrene	15.36	252	592858	37.99	ng	# 96
90) Dibenzo(a,h)anthracene	16.81	278	687354	49.21	ng	98
91) Benzo(g,h,i)perylene	17.21	276	684251	49.78	ng	96

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



#1

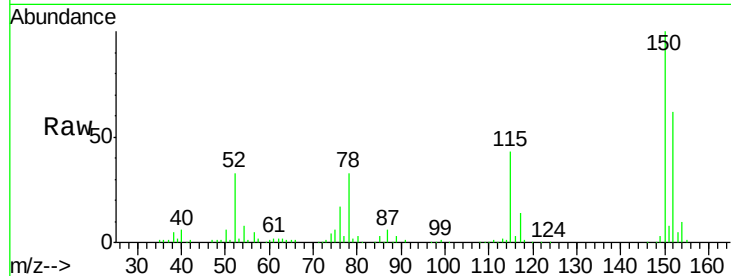
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

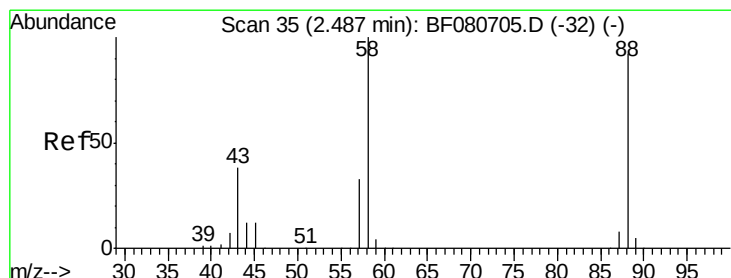
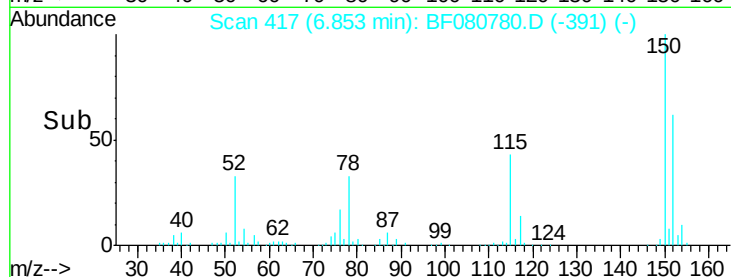
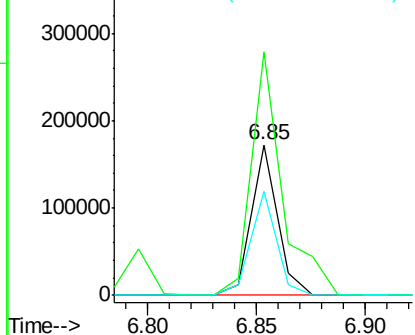
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	144960		
150	161.5	129.6	194.4	
115	68.8	56.6	85.0	

Manual Integrations
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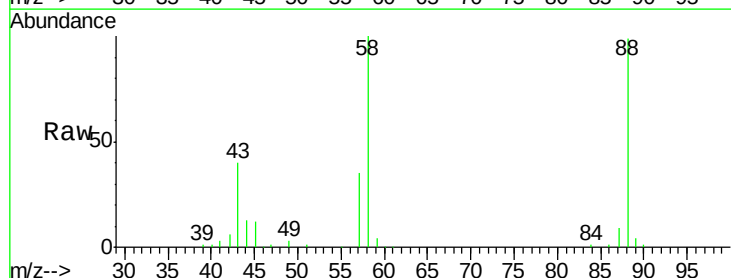
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



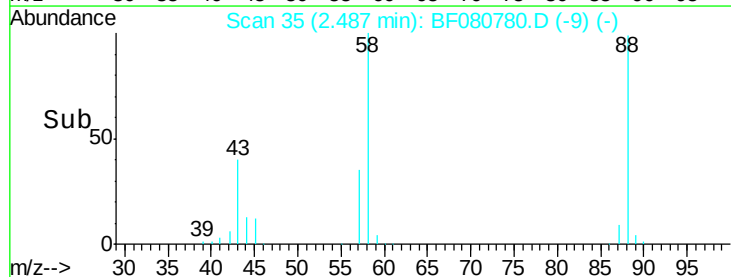
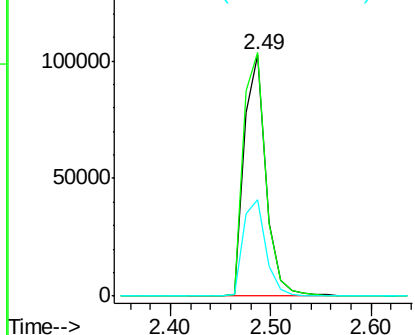
#2

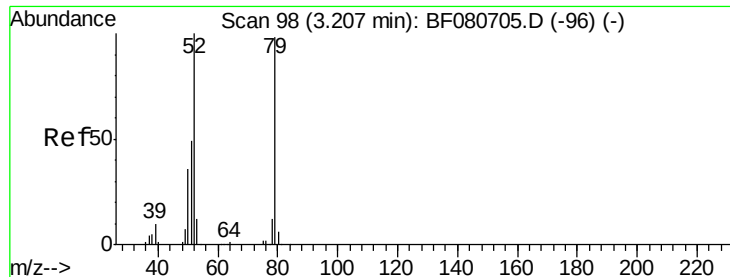
1,4-Dioxane
Concen: 36.80 ng
RT: 2.49 min Scan# 35
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	153359		
58	104.5	82.3	123.5	
43	41.8	31.7	47.5	



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.32 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.00 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

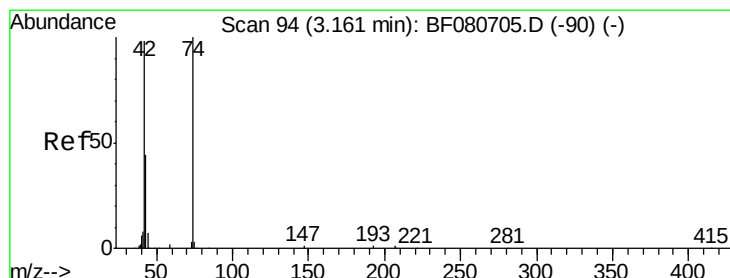
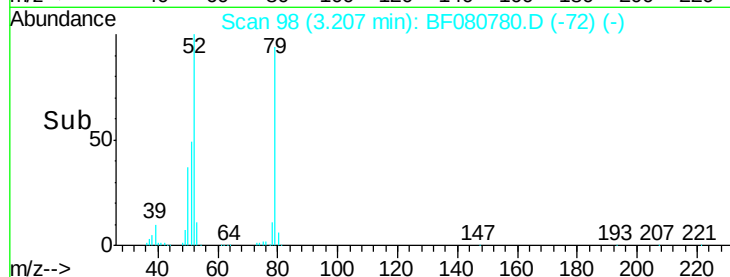
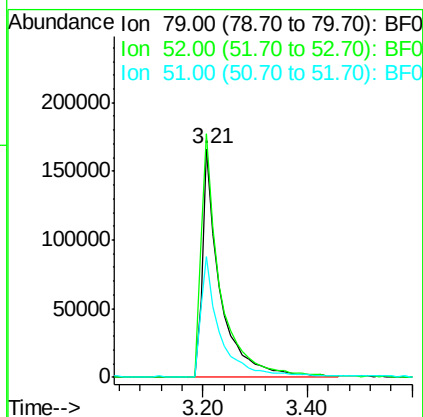
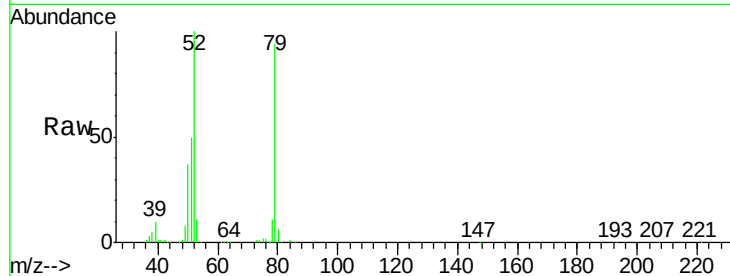
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	396785
Ion	Ratio	Lower	Upper
79	100		
52	106.6	81.6	122.4
51	52.9	40.2	60.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.72 ng

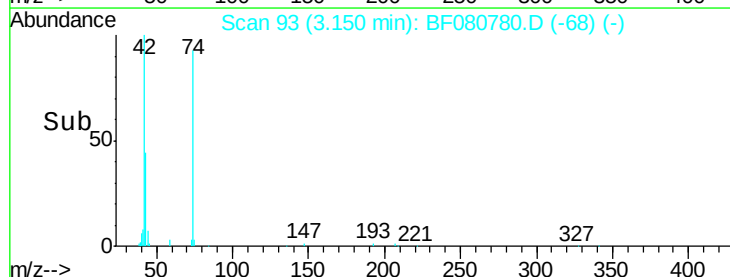
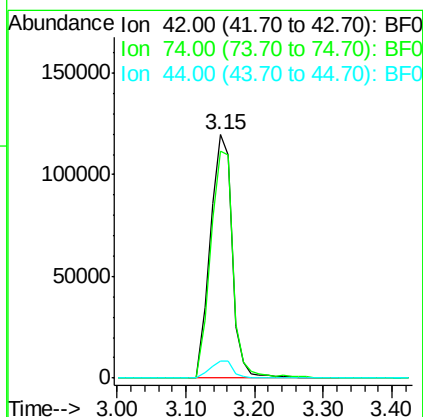
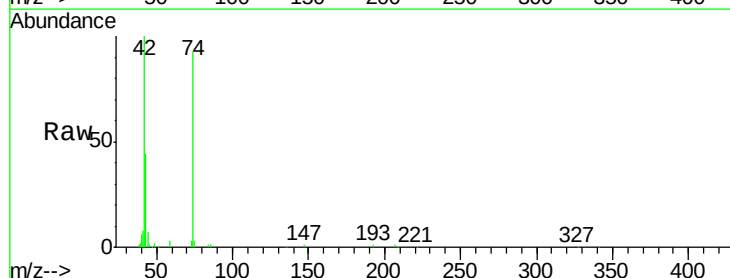
RT: 3.15 min Scan# 93

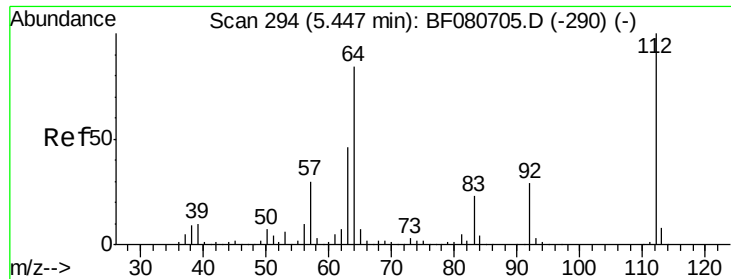
Delta R.T. -0.01 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Tgt Ion:	42	Resp:	269125
Ion	Ratio	Lower	Upper
42	100		
74	93.3	81.5	122.3
44	7.1	5.6	8.4





#5

2-Fluorophenol

Concen: 75.40 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF080780.D

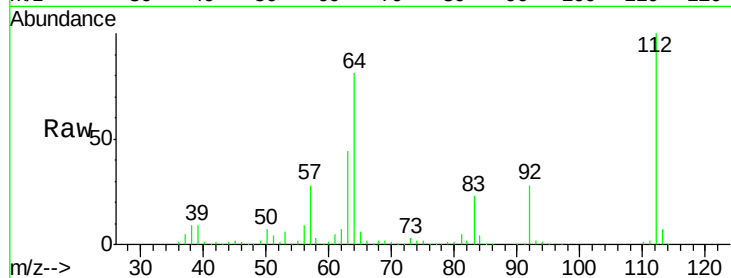
Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

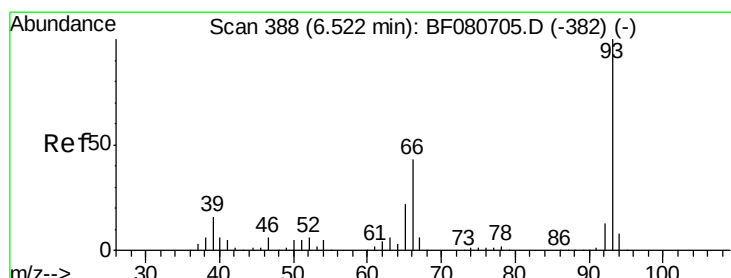
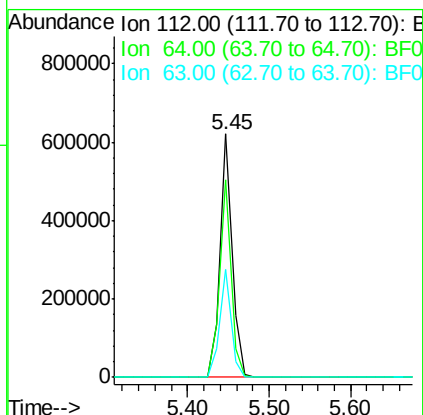
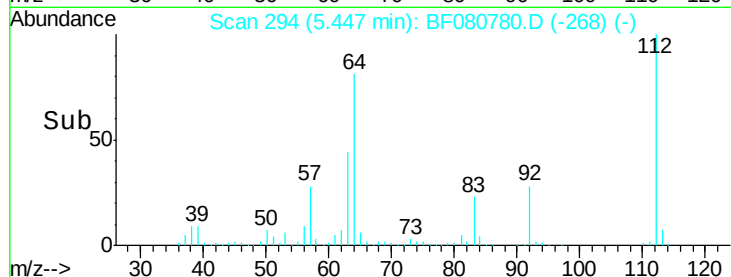
SSTDCCC040EC



Tgt Ion:	112	Resp:	637127
Ion Ratio	Lower	Upper	
112	100		
64	81.3	66.8	100.2
63	44.4	36.7	55.1

Manual Integrations
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#6

Aniline

Concen: 36.45 ng

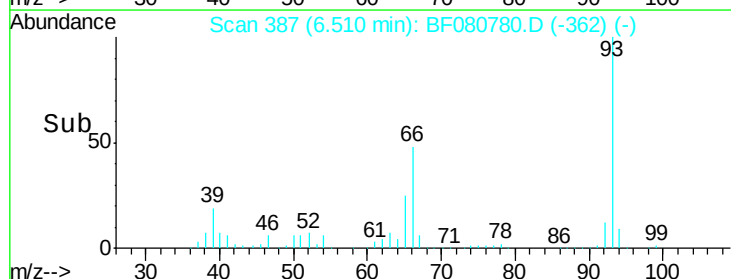
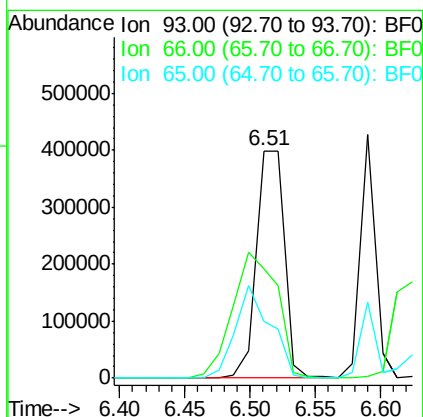
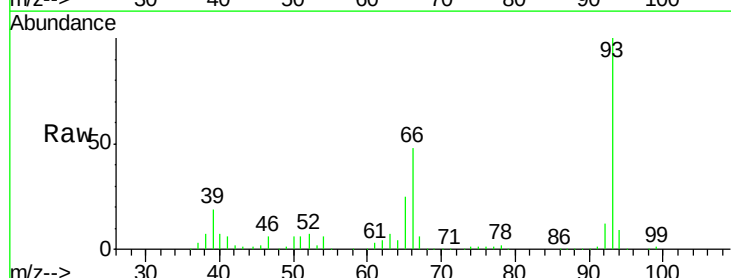
RT: 6.51 min Scan# 387

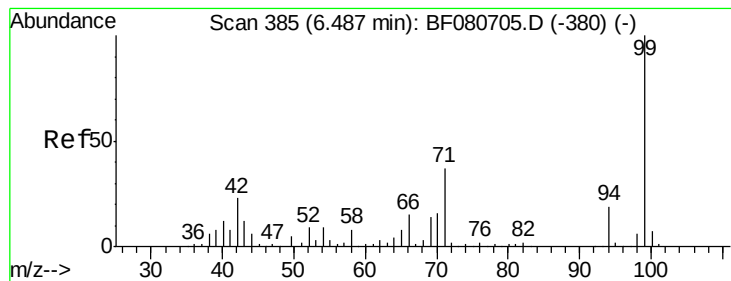
Delta R.T. -0.01 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Tgt Ion:	93	Resp:	603716
Ion Ratio	Lower	Upper	
93	100		
66	48.1	34.3	51.5
65	24.9	17.6	26.4





#7

Phenol-d6

Concen: 78.03 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

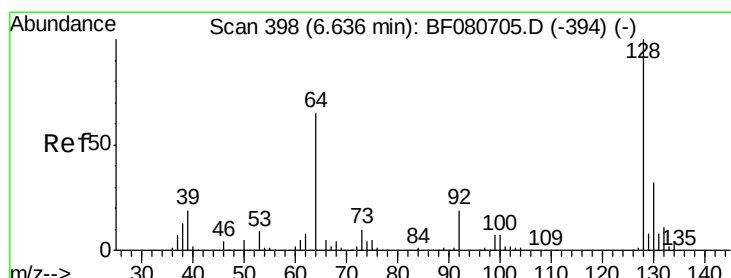
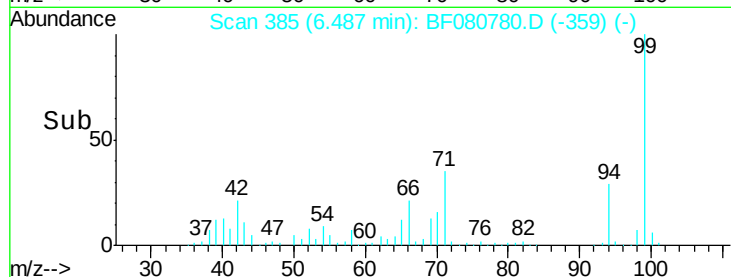
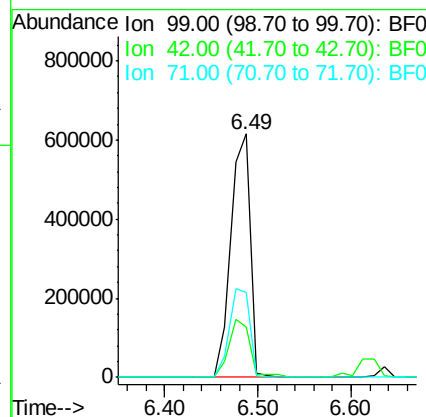
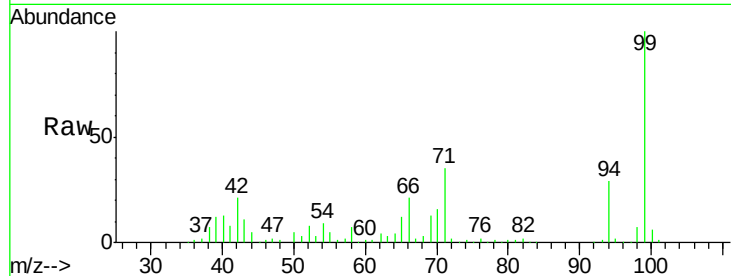
ClientSampleId :

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Tgt Ion:	99	Resp:	897626
Ion Ratio	Lower	Upper	
99	100		
42	20.7	18.2	27.2
71	34.9	29.5	44.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.38 ng

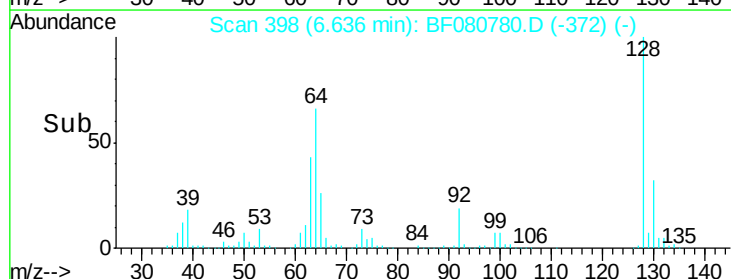
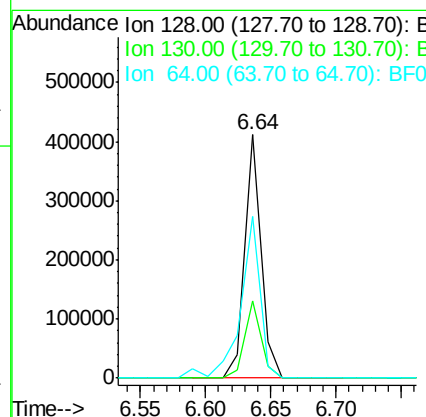
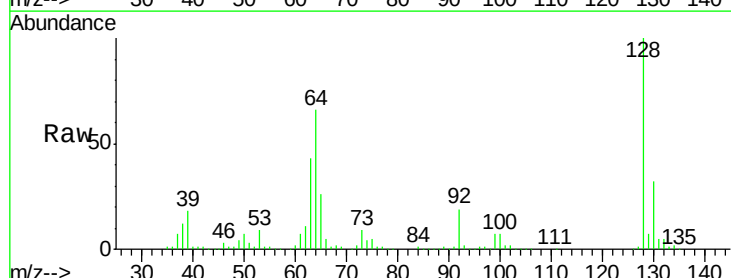
RT: 6.64 min Scan# 398

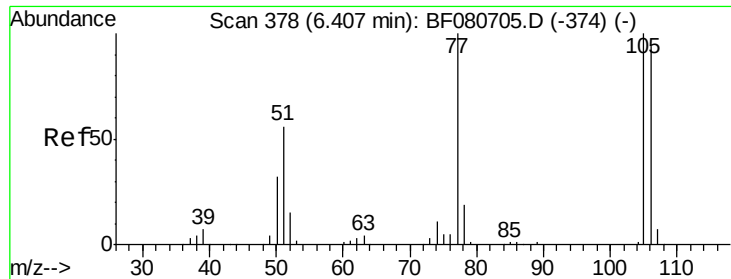
Delta R.T. -0.00 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Tgt Ion:	128	Resp:	354079
Ion Ratio	Lower	Upper	
128	100		
130	31.5	11.7	51.7
64	66.4	48.7	88.7





#9

Benzaldehyde

Concen: 33.97 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080780.D

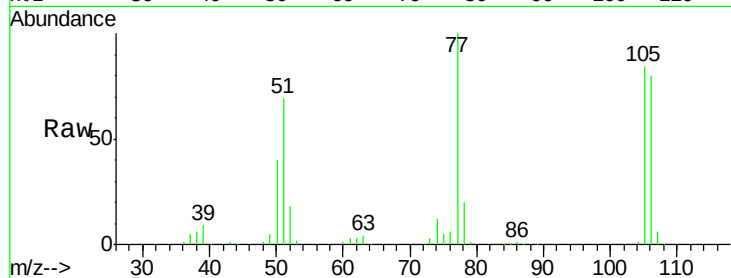
Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

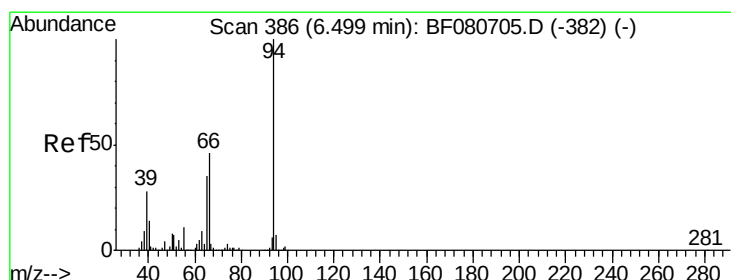
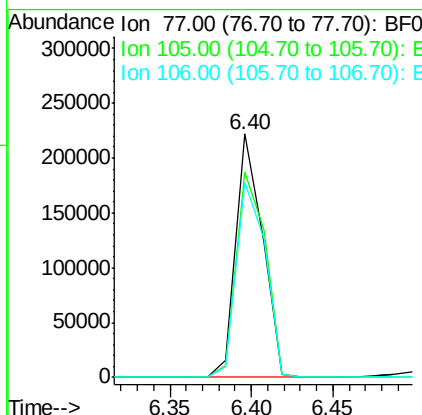
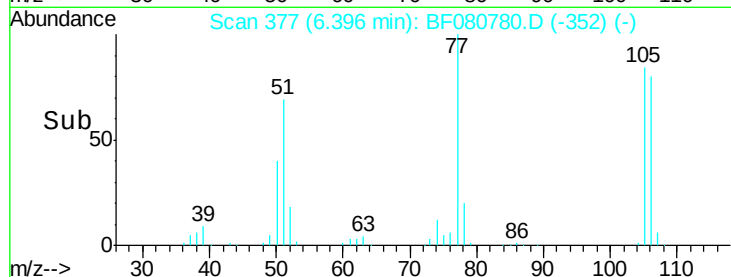
SSTDCCC040EC



Tgt Ion:	77	Resp:	249119
Ion Ratio	Lower	Upper	
77	100		
105	84.5	80.2	120.2
106	80.1	74.2	114.2

Manual Integrations
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#10

Phenol

Concen: 39.03 ng

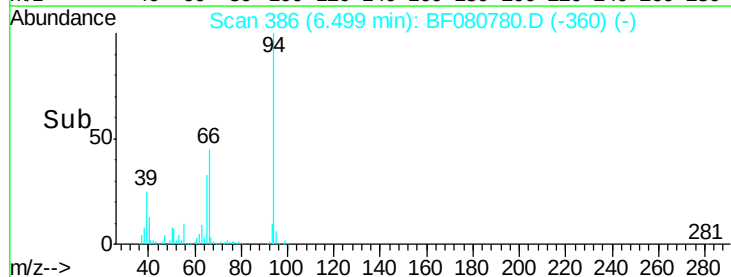
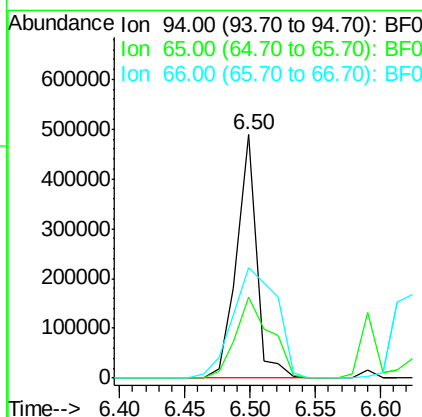
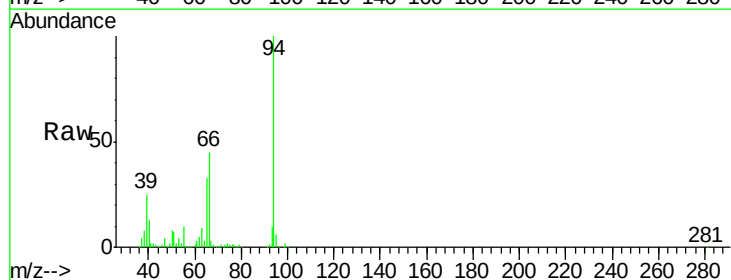
RT: 6.50 min Scan# 386

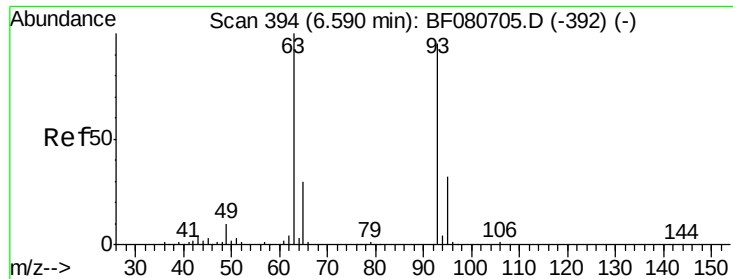
Delta R.T. -0.00 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Tgt Ion:	94	Resp:	519576
Ion Ratio	Lower	Upper	
94	100		
65	33.3	14.7	54.7
66	45.2	25.9	65.9





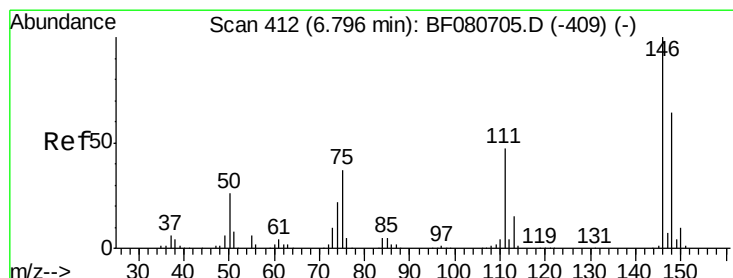
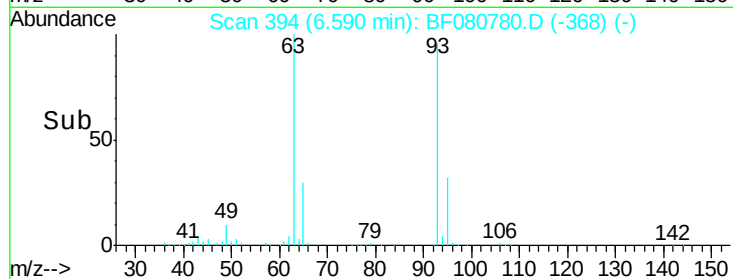
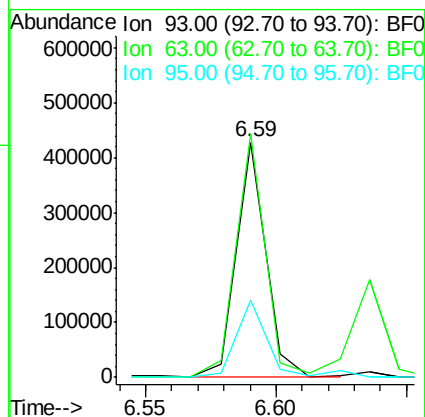
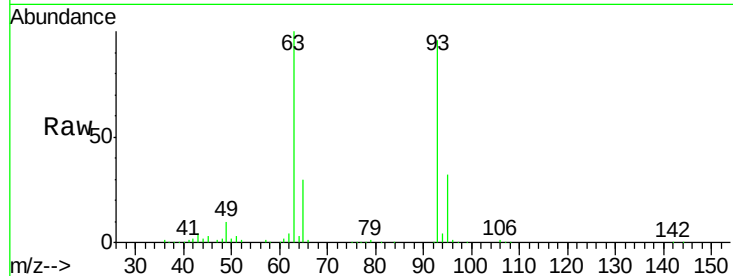
#11
bis(2-Chloroethyl)ether
Concen: 35.65 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	339022		
63	103.7	85.3	125.3	
95	33.1	13.3	53.3	

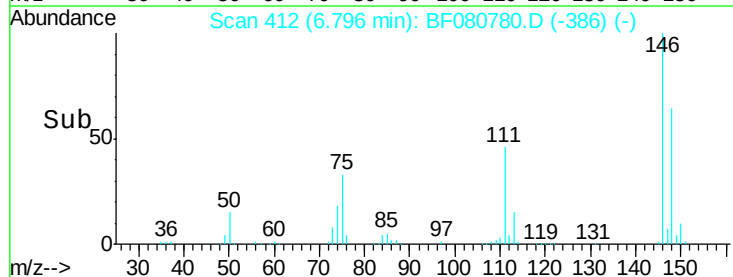
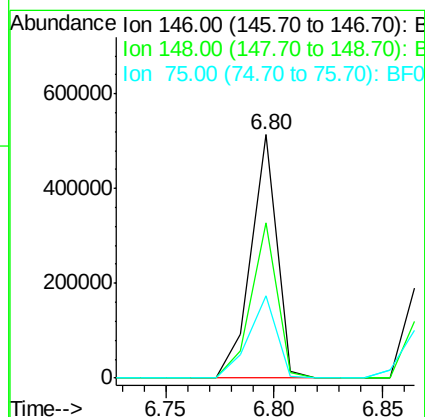
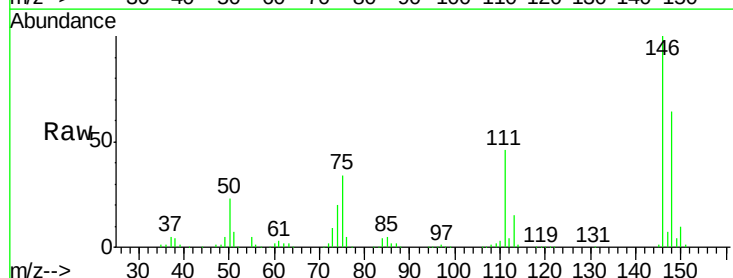
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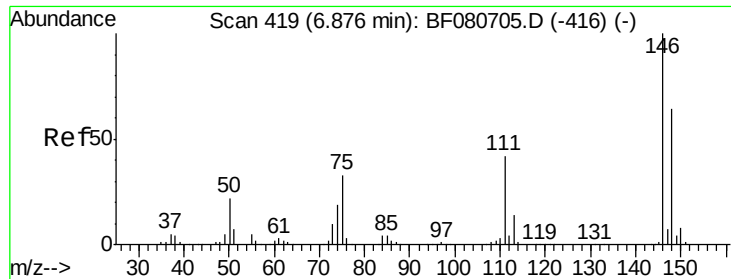
MMDadoda
8/3/2015 3:41:03 PM



#12
1,3-Dichlorobenzene
Concen: 40.41 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	426130		
148	63.8	51.0	76.6	
75	33.8	29.4	44.0	





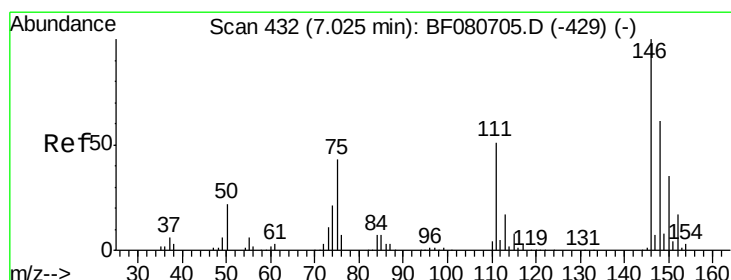
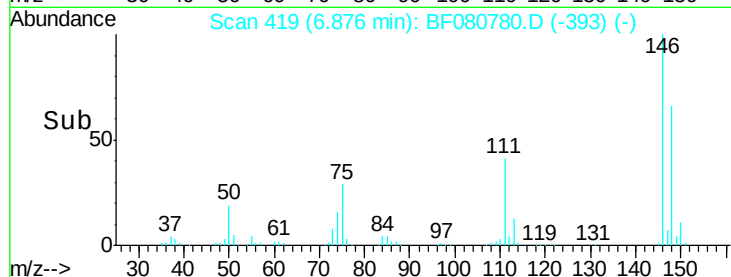
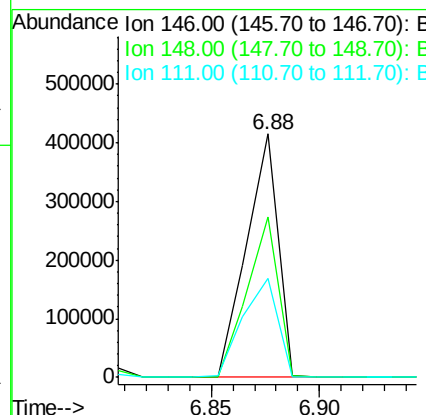
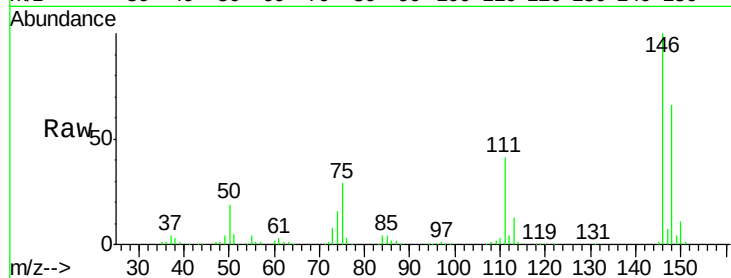
#13
 1,4-Dichlorobenzene
 Concen: 38.91 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.2
111	40.6	33.8	50.6

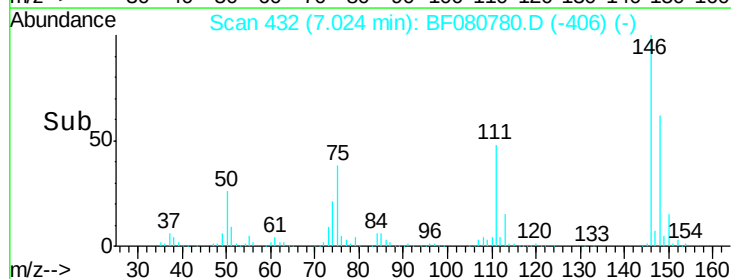
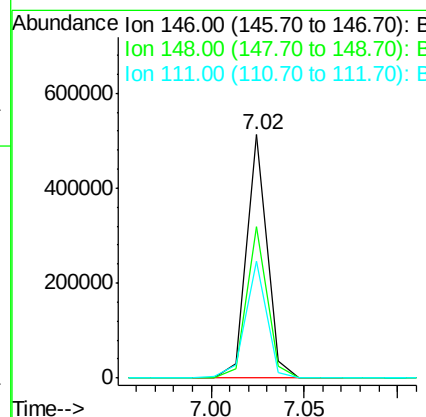
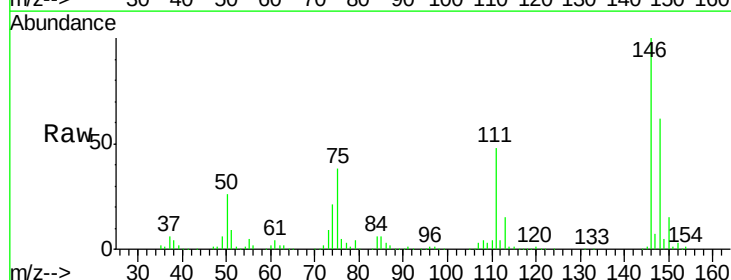
Manual Integrations
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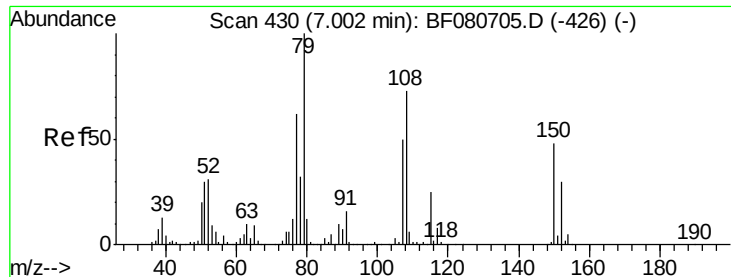
MMDadoda
 8/3/2015 3:41:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.35 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	49.2	73.8
111	48.0	41.0	61.4





#15

Benzyl Alcohol

Concen: 30.99 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 296039
Ion Ratio Lower Upper

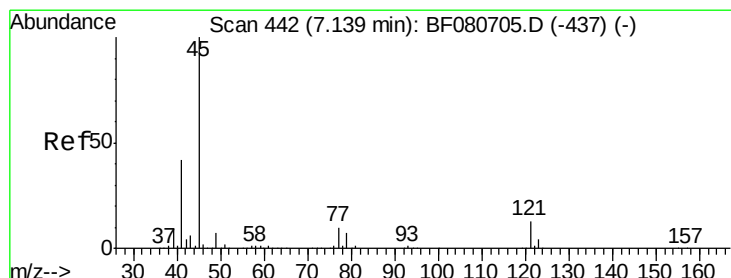
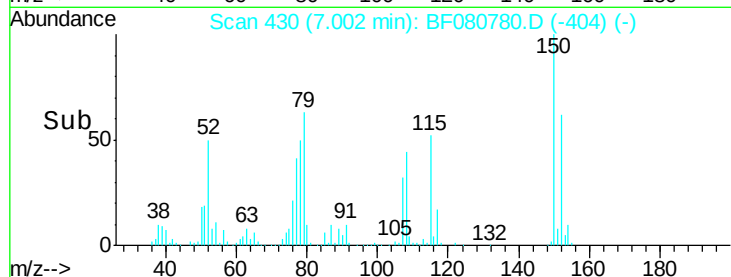
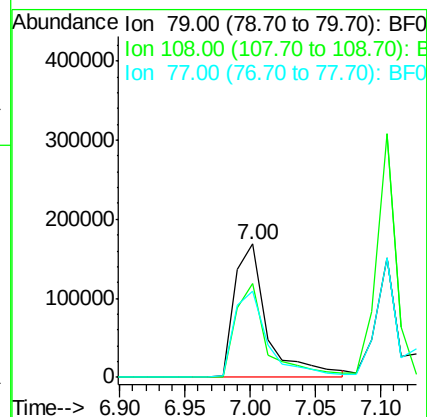
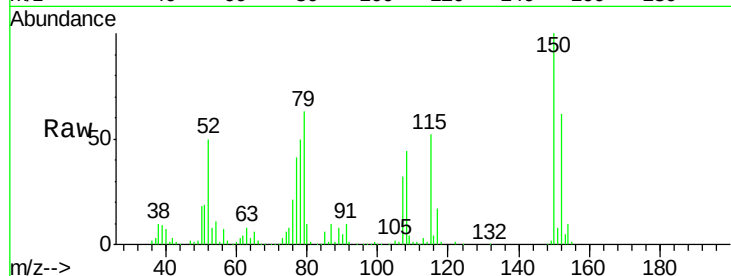
79 100

108 70.4 58.7 88.1

77 64.7 49.8 74.8

Manual Integrations
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MMDadoda
8/3/2015 3:41:03 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.01 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080780.D

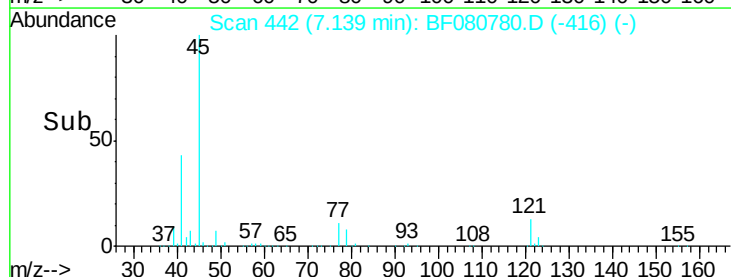
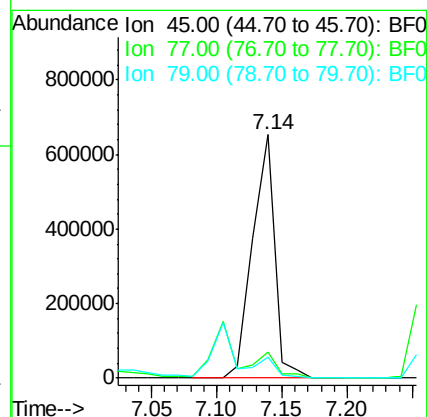
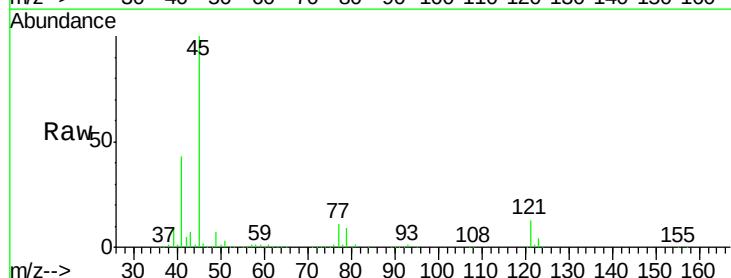
Acq: 1 Aug 2015 14:52

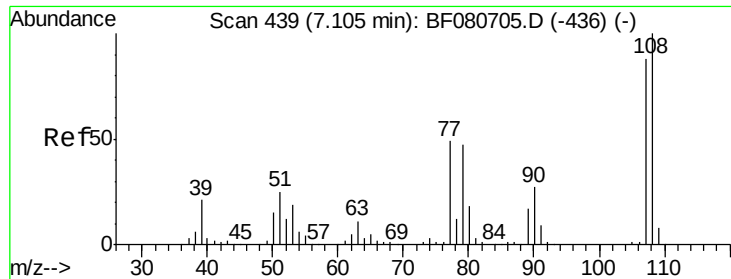
Tgt Ion: 45 Resp: 772206
Ion Ratio Lower Upper

45 100

77 10.7 0.0 29.9

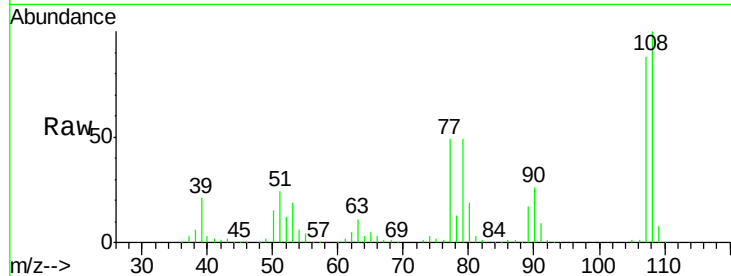
79 8.5 0.0 27.4





#17
2-Methylphenol
Concen: 35.28 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

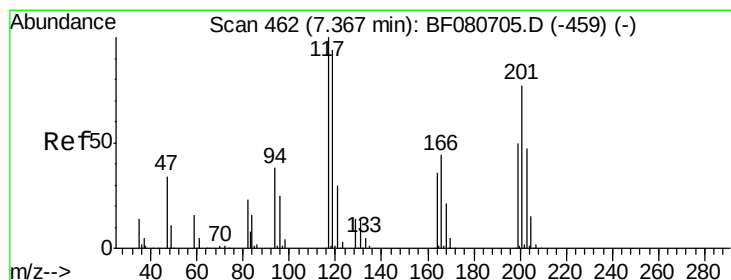
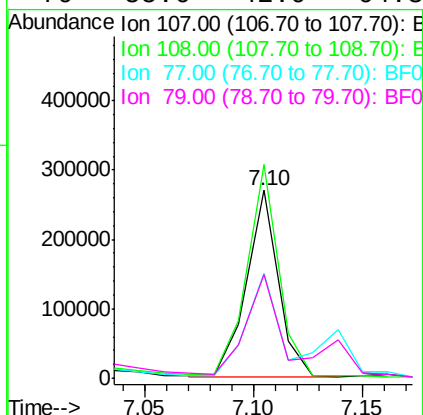
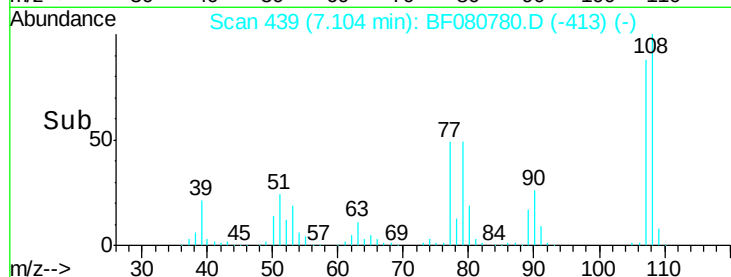
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	274263		
108	113.9	90.8	136.2	
77	55.9	44.6	67.0	
79	55.6	42.9	64.3	

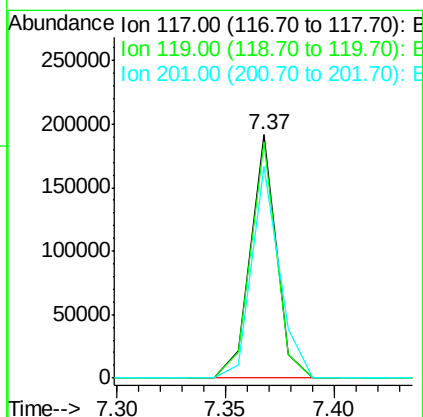
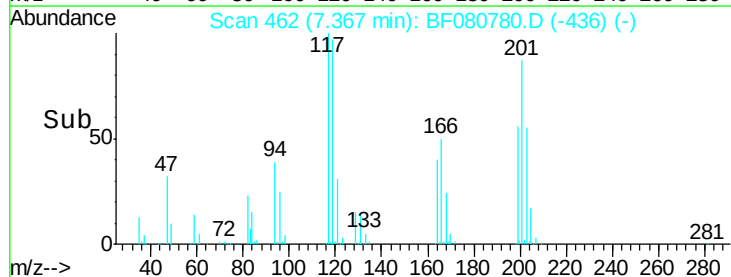
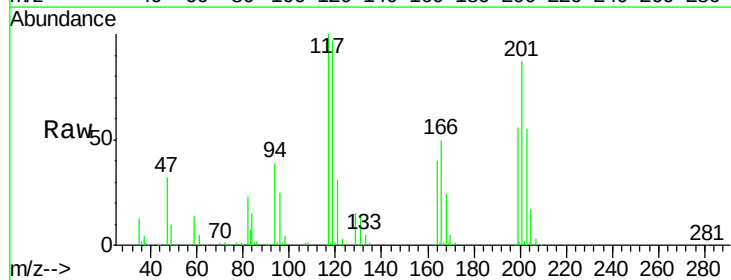
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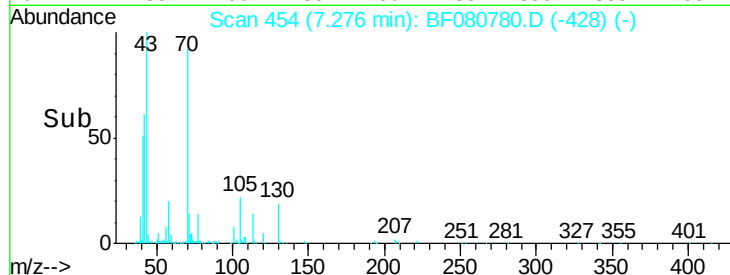
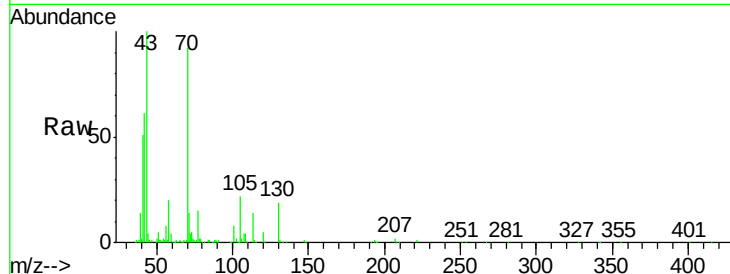
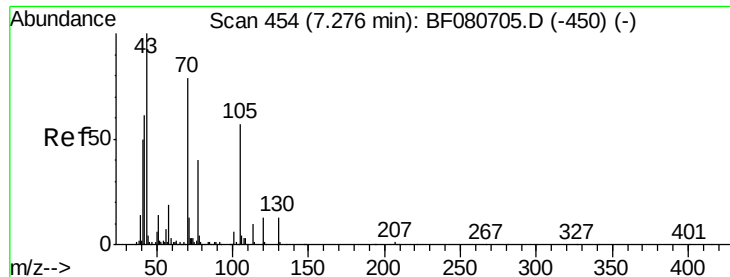
MMDadoda
8/3/2015 3:41:03 PM



#18
Hexachloroethane
Concen: 39.55 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	158779		
119	96.7	74.9	112.3	
201	87.0	61.5	92.3	





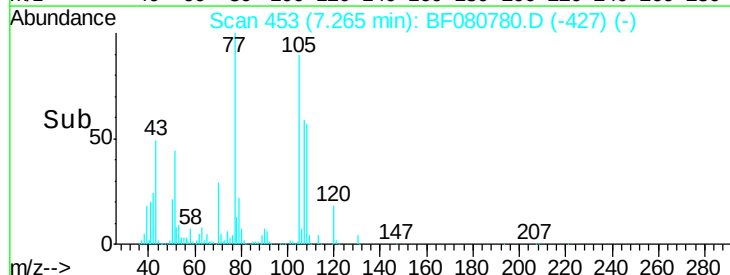
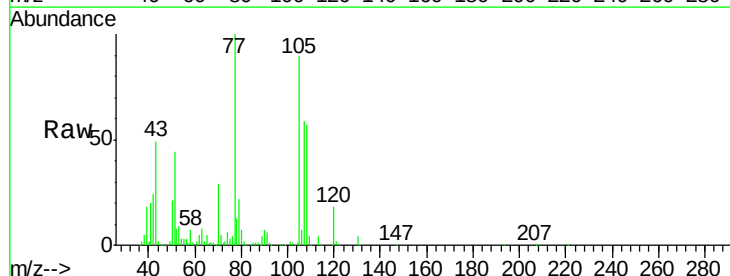
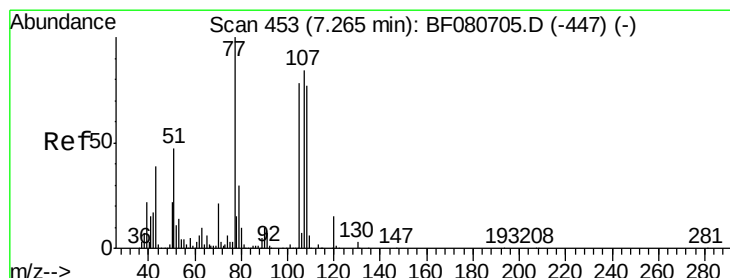
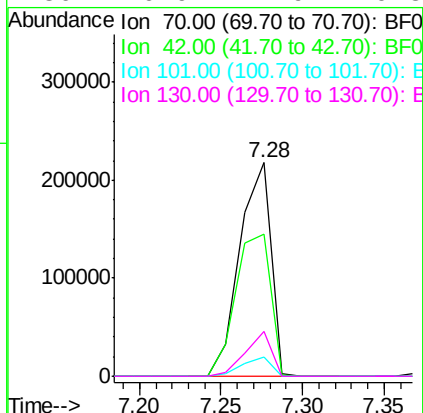
#19
n-Nitroso-di-n-propylamine
Concen: 37.12 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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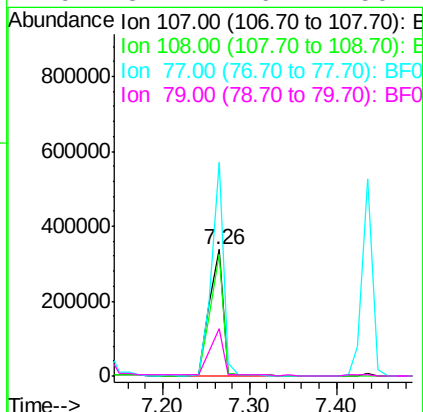
MMDadoda
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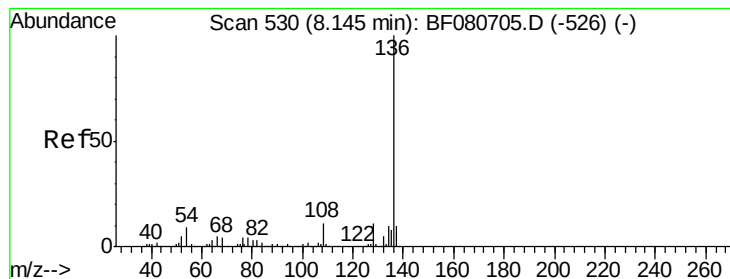
Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.7	61.8	92.6
101	9.2	6.1	9.1#
130	20.9	12.9	19.3#



#20
3+4-Methylphenols
Concen: 39.21 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.2	71.8	111.8
77	168.7	99.8	139.8#
79	37.2	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

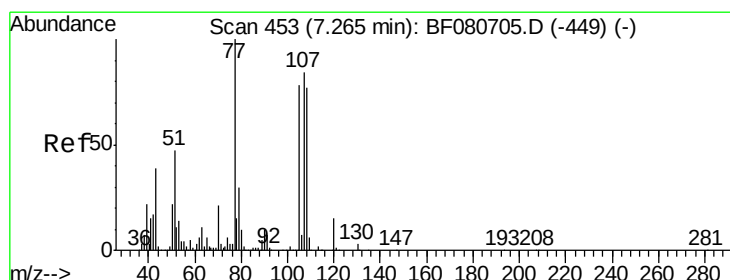
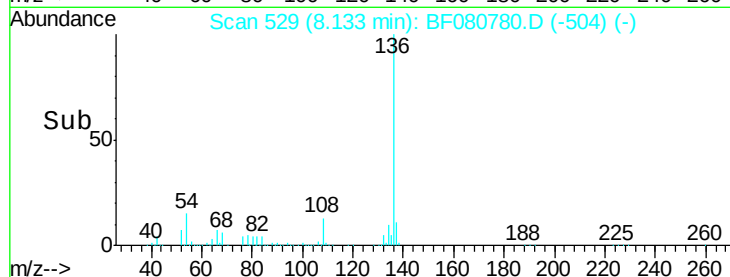
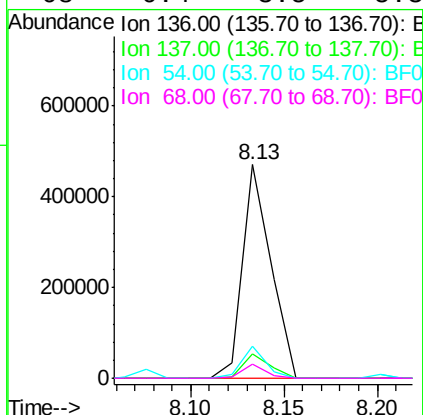
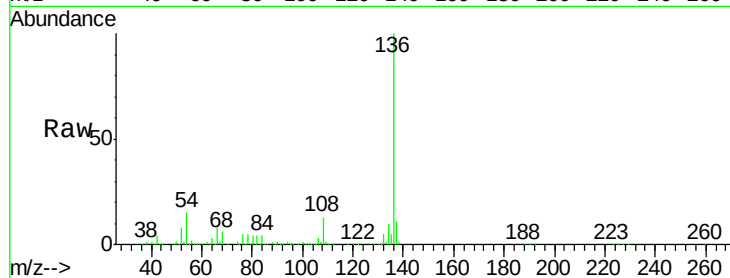
ClientSampleId :

SSTDCCC040EC

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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	496498		
137	11.5	8.4	12.6	
54	15.0	6.9	10.3	
68	6.4	3.5	5.3	



#22

Acetophenone

Concen: 40.14 ng

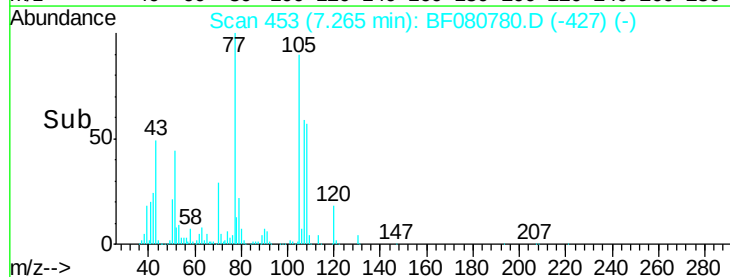
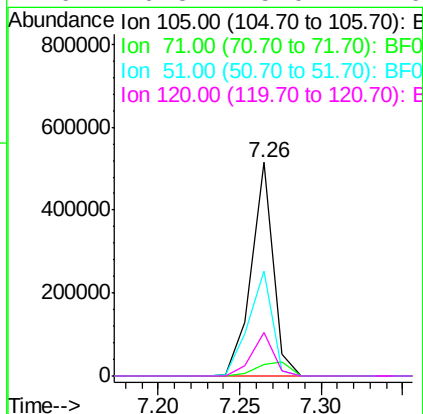
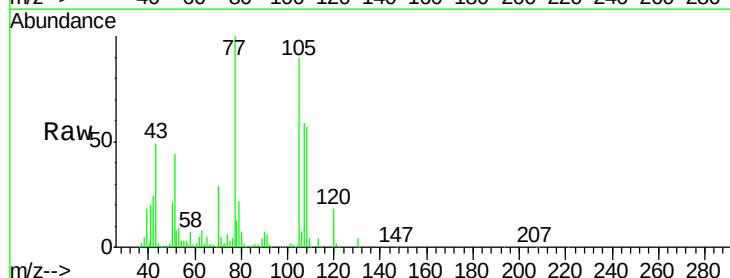
RT: 7.26 min Scan# 453

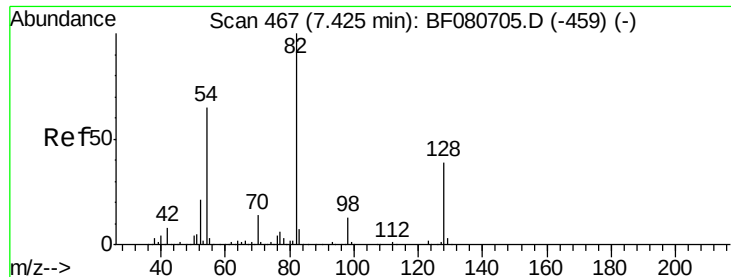
Delta R.T. -0.00 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	481095		
71	5.3	3.4	5.0	
51	48.9	47.9	71.9	
120	20.3	15.0	22.6	





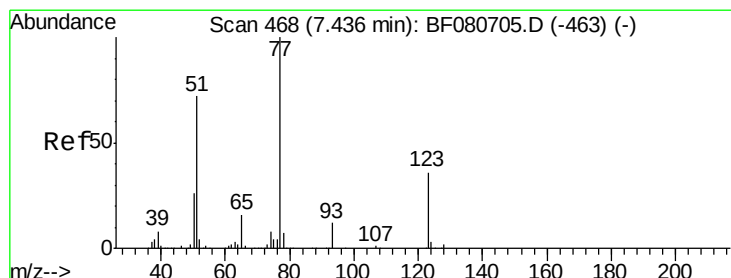
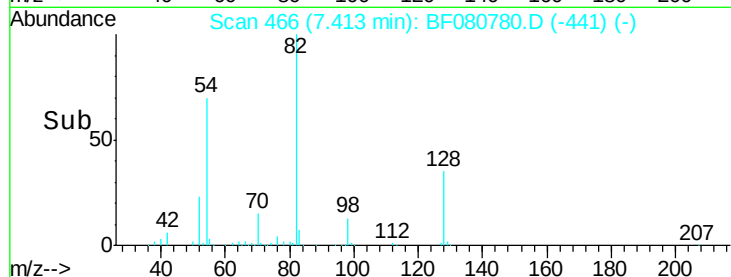
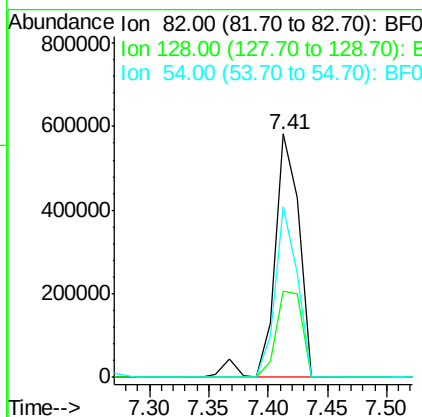
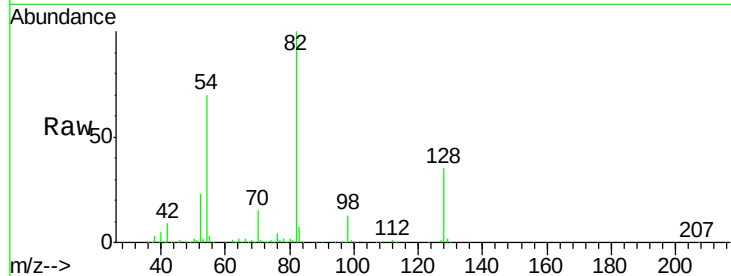
#23
 Nitrobenzene-d5
 Concen: 80.16 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	821847		
128	35.2	31.5	47.3	
54	69.9	51.8	77.8	

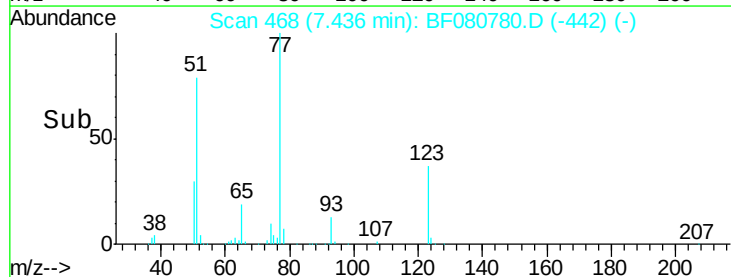
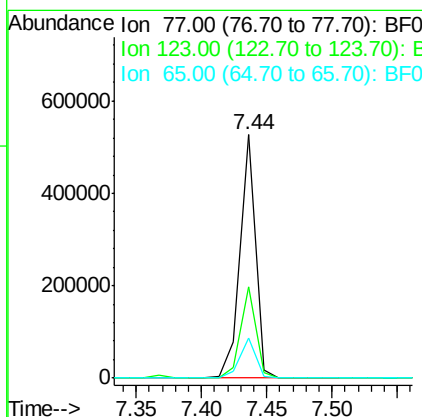
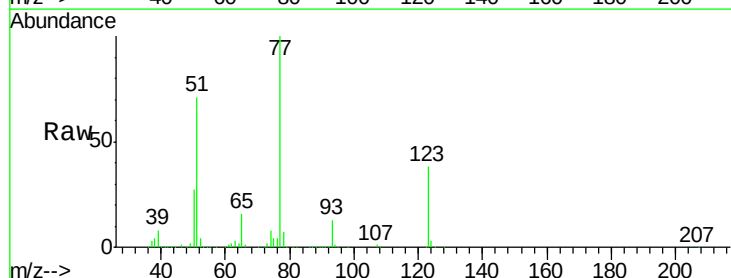
Manual Integrations
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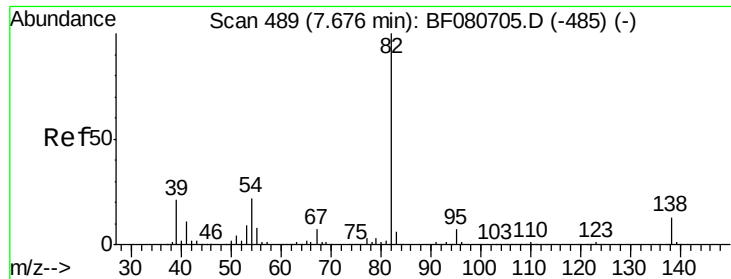
MMDadoda
 8/3/2015 3:41:03 PM



#24
 Nitrobenzene
 Concen: 42.02 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	431676		
123	37.5	28.9	43.3	
65	16.5	13.0	19.4	





#25

Isophorone

Concen: 37.60 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

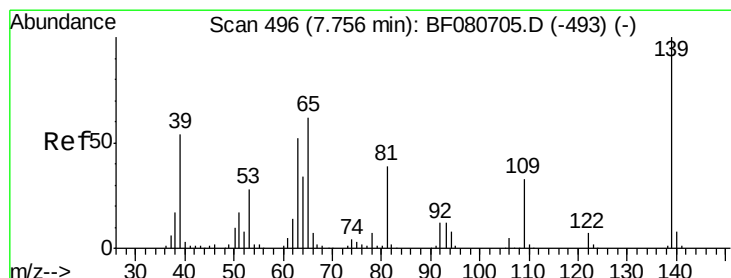
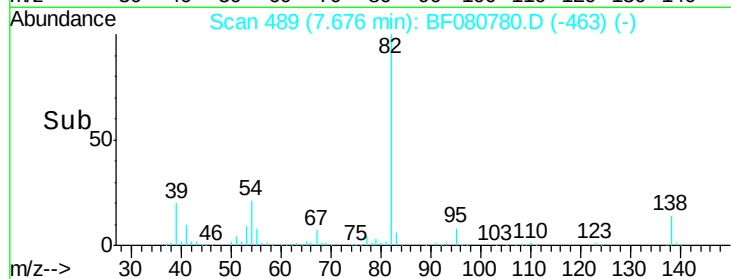
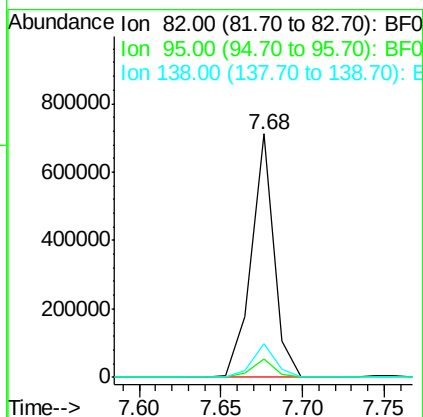
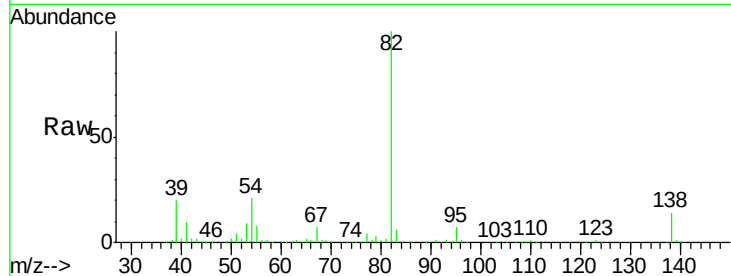
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	82	Resp:	685614
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.8	8.6
138	13.9	10.7	16.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.19 ng

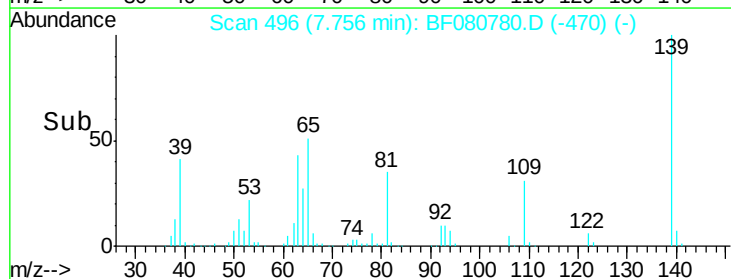
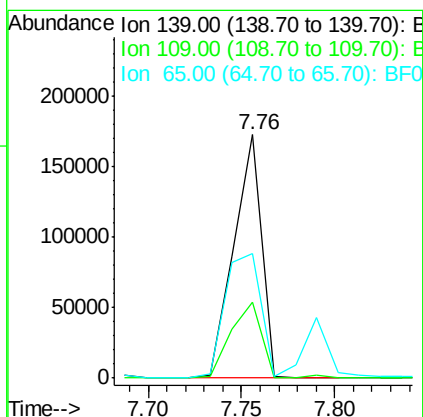
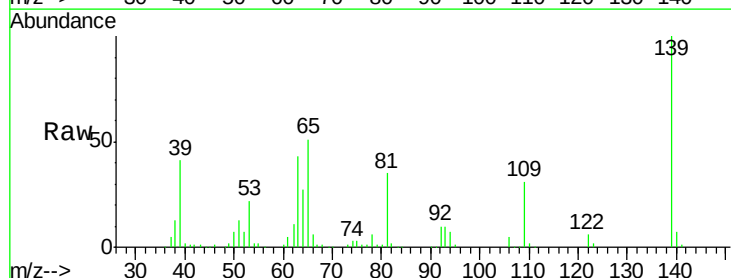
RT: 7.76 min Scan# 496

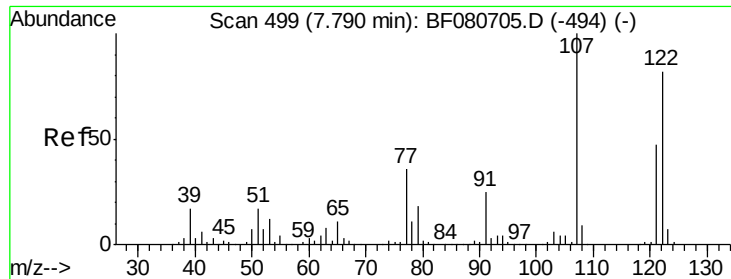
Delta R.T. -0.00 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

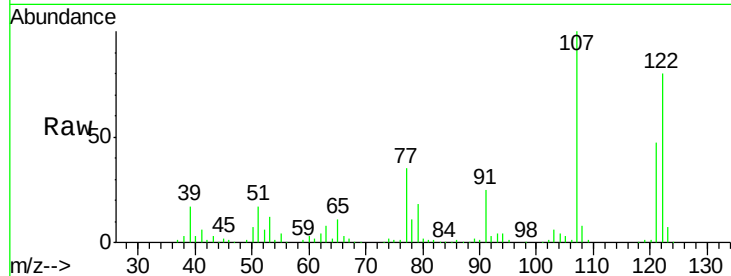
Tgt Ion:	139	Resp:	180101
Ion Ratio		Lower	Upper
139	100		
109	31.3	26.5	39.7
65	51.3	49.8	74.8





#27
 2,4-Dimethylphenol
 Concen: 40.23 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

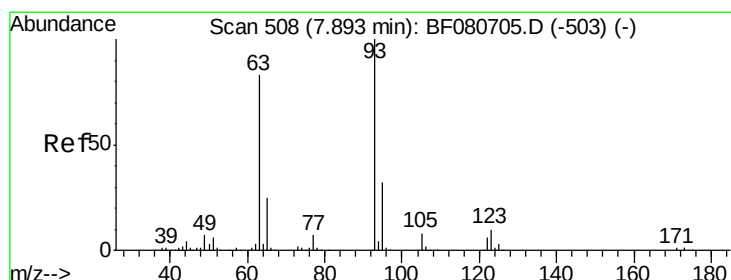
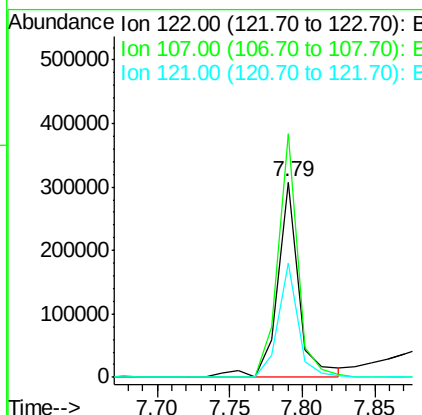
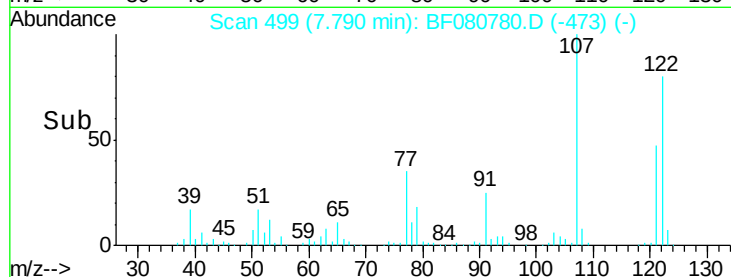
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	315138		
107	124.7	98.1	147.1	
121	58.7	45.8	68.8	

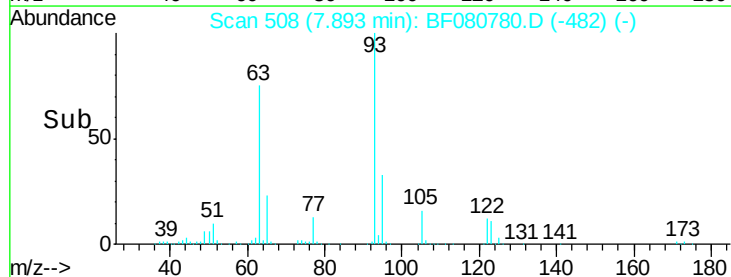
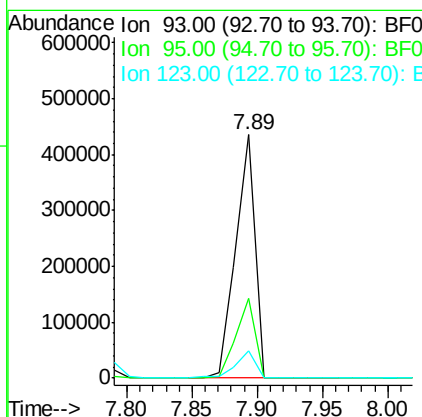
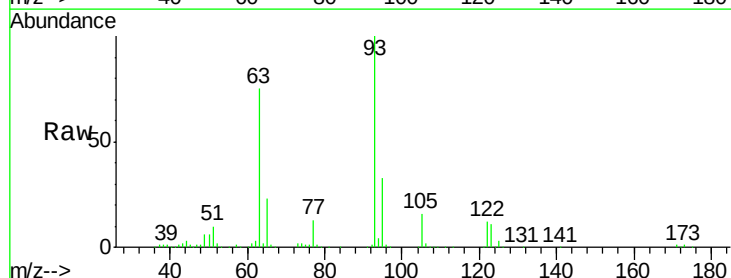
Manual Integrations
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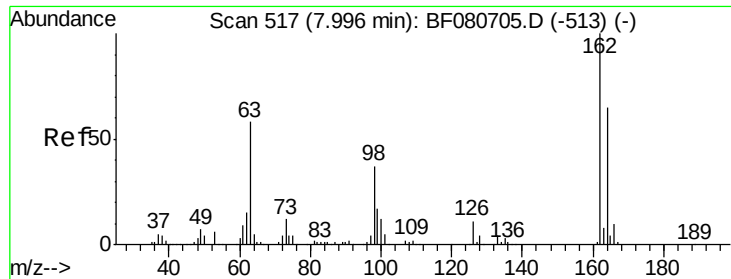
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.05 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	443429		
95	32.7	26.0	39.0	
123	11.1	8.2	12.4	





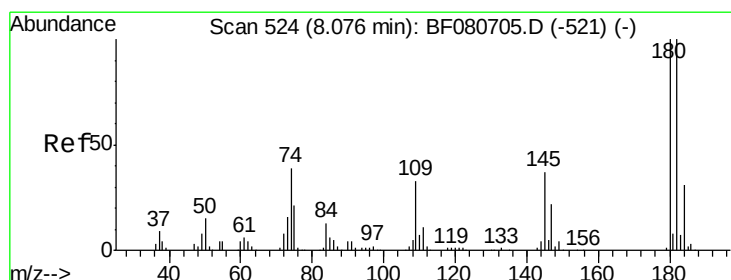
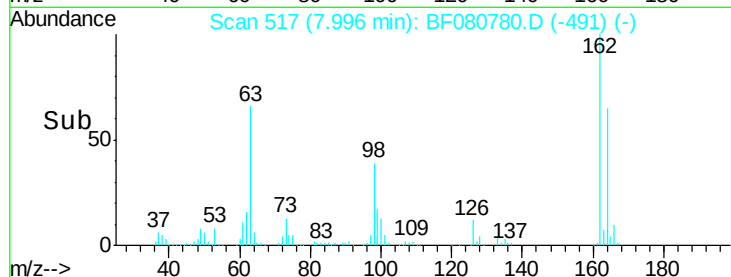
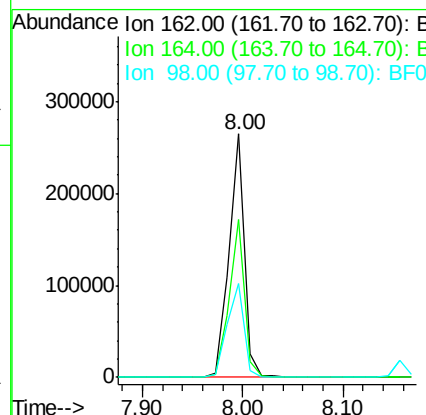
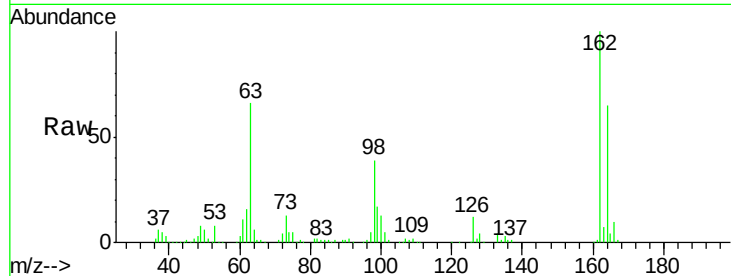
#29
2,4-Dichlorophenol
Concen: 40.34 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	280850		
164	64.7	45.1	85.1	
98	38.7	17.0	57.0	

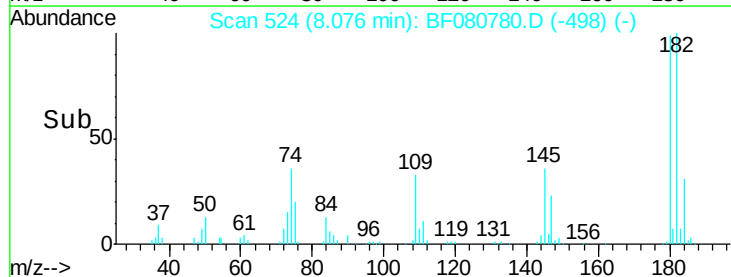
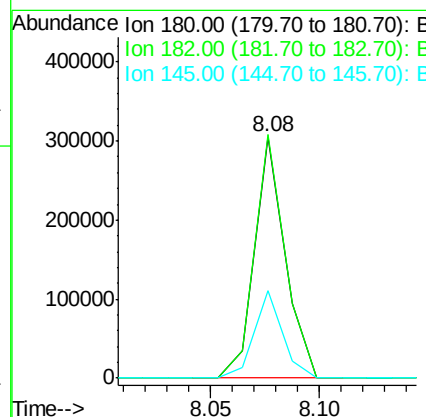
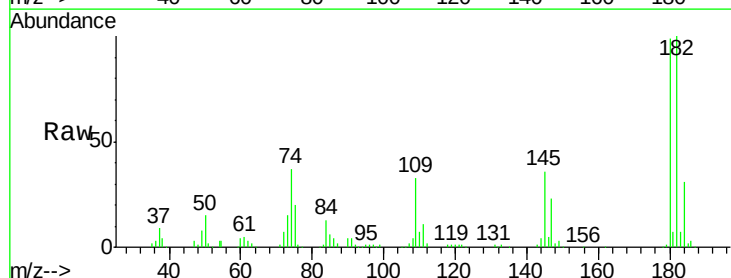
Manual Integrations
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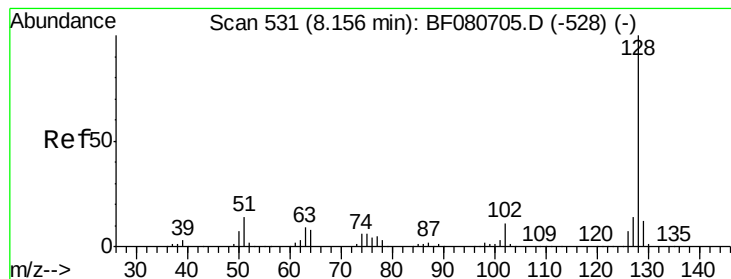
MMDadoda
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#30
1,2,4-Trichlorobenzene
Concen: 39.09 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	296768		
182	101.0	79.8	119.8	
145	36.4	29.8	44.6	





#31

Naphthalene

Concen: 36.88 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF080780.D

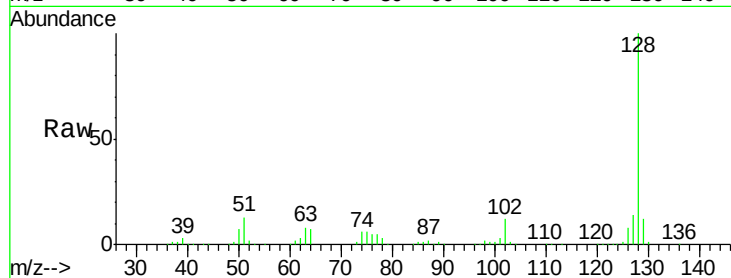
Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

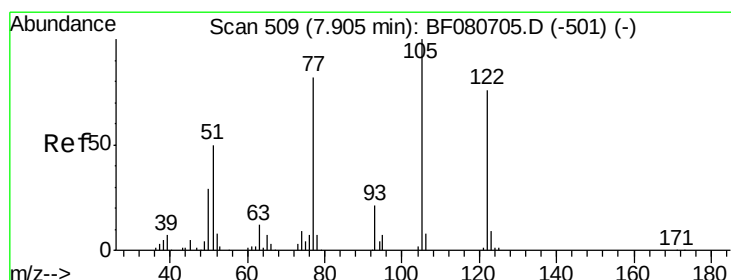
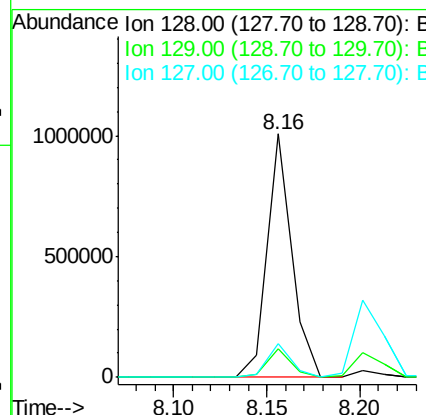
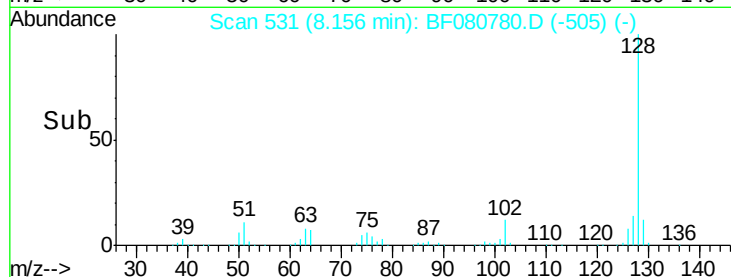
SSTDCCC040EC



Tgt Ion:	128	Resp:	914045
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.5	14.3
127	13.8	11.0	16.6

Manual Integrations
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#32

Benzoic acid

Concen: 32.95 ng

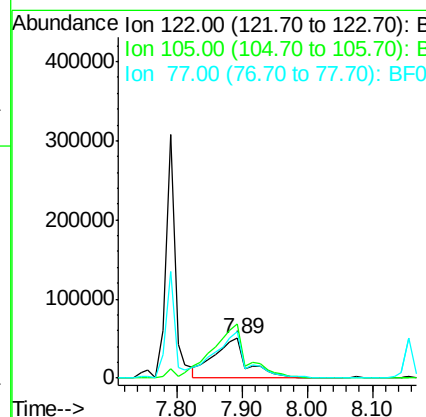
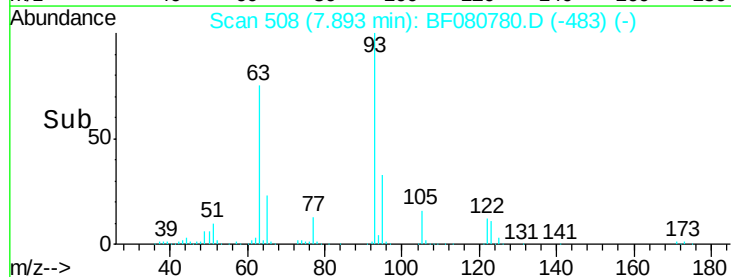
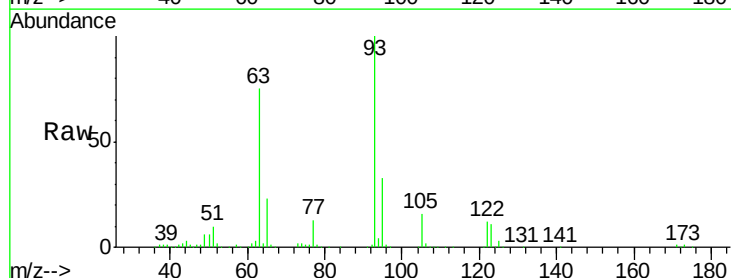
RT: 7.89 min Scan# 508

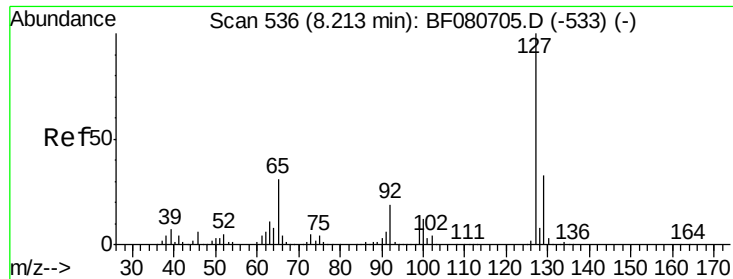
Delta R.T. -0.01 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Tgt Ion:	122	Resp:	180440
Ion Ratio	Lower	Upper	
122	100		
105	134.6	111.3	151.3
77	114.9	88.1	128.1





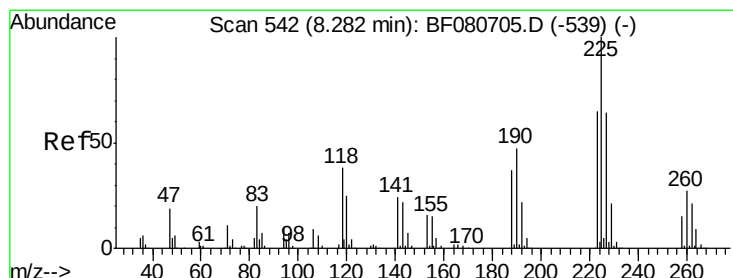
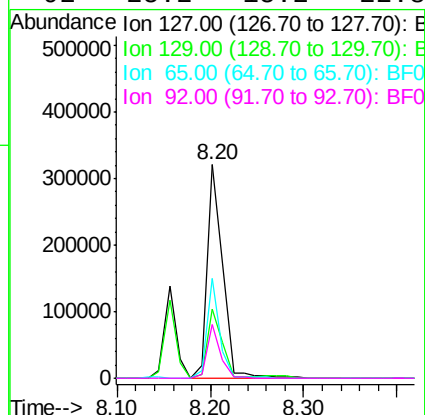
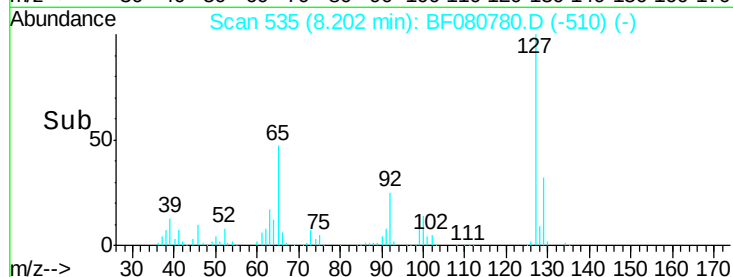
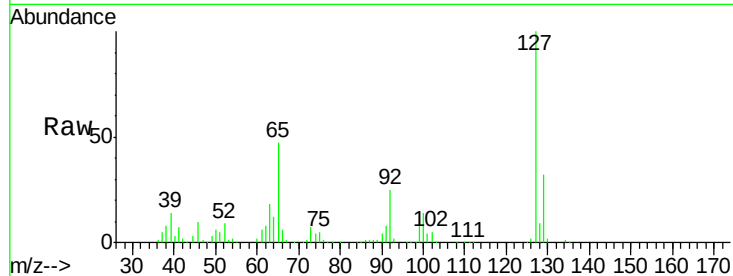
#33
4-Chloroaniline
Concen: 35.53 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.2	26.7	40.1
65	47.0	24.5	36.7
92	25.2	15.2	22.8

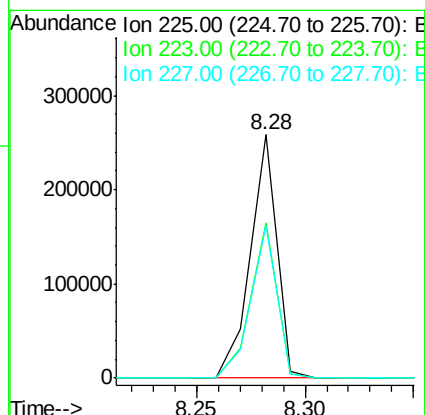
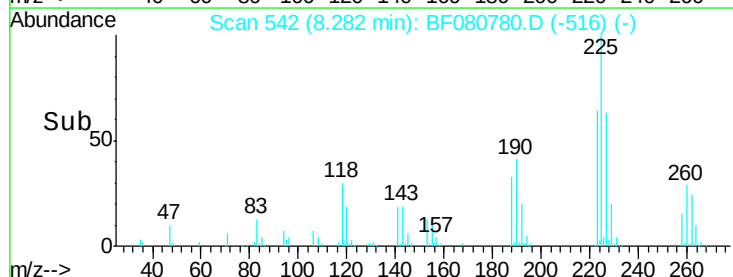
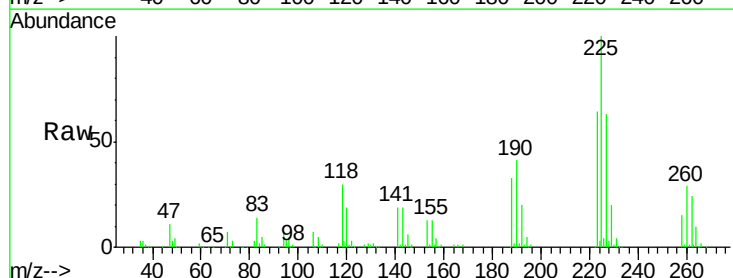
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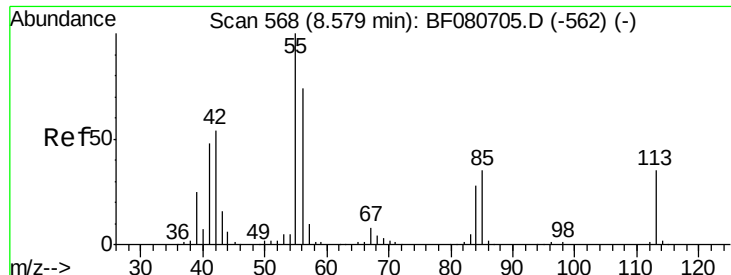
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#34
Hexachlorobutadiene
Concen: 44.34 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.8	51.7	77.5
227	62.8	51.0	76.4





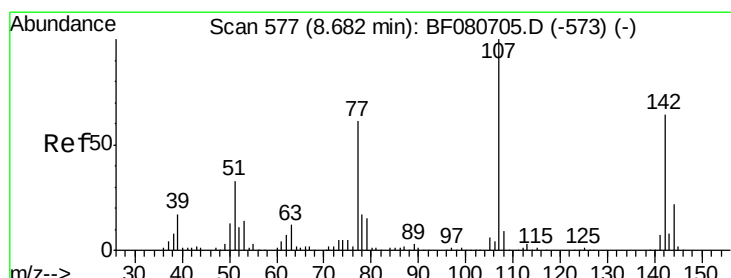
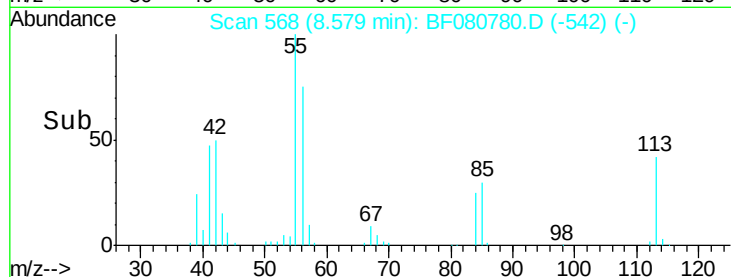
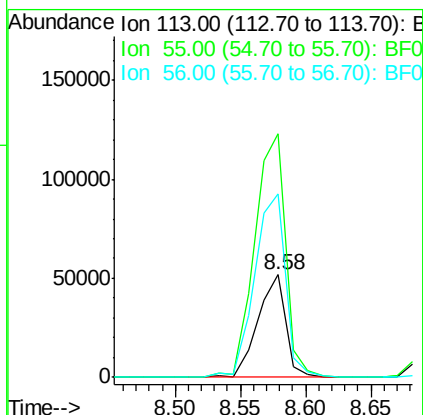
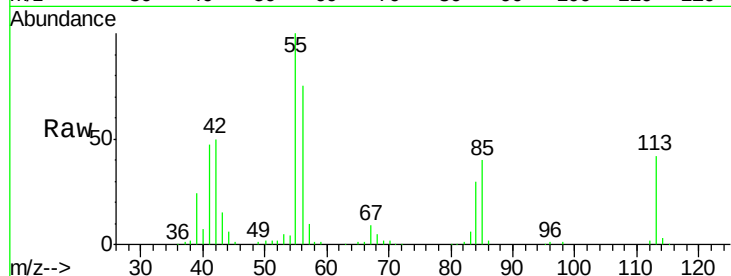
#35
 Caprolactam
 Concen: 37.11 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 77380
 Ion Ratio Lower Upper
 113 100
 55 236.9 269.3 309.3#
 56 177.9 193.3 233.3#

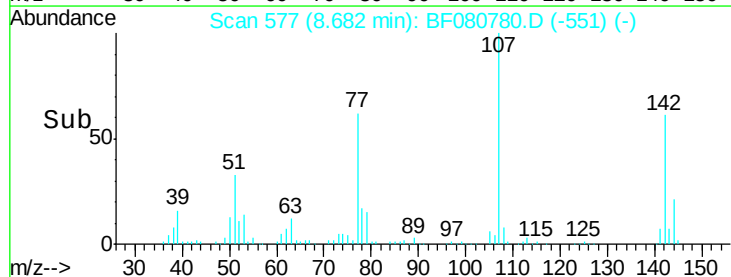
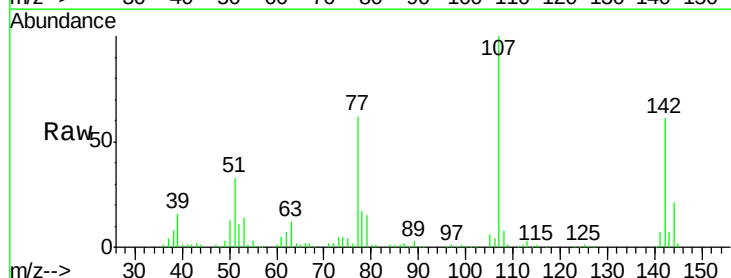
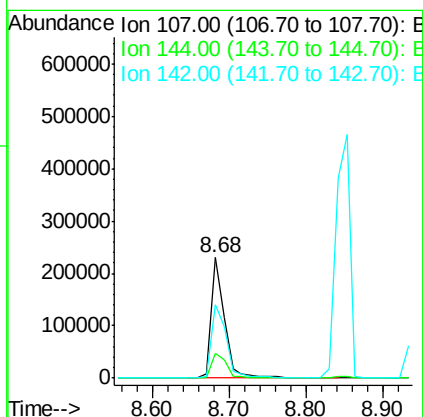
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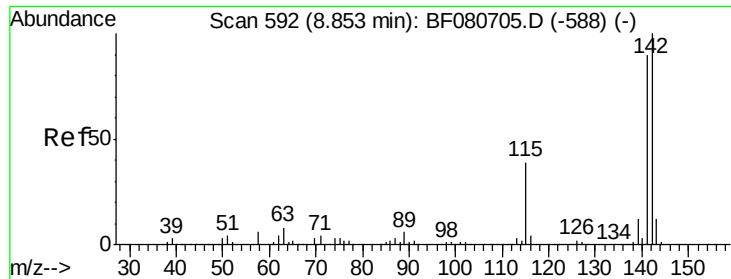
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#36
 4-Chloro-3-methylphenol
 Concen: 36.65 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion:107 Resp: 275103
 Ion Ratio Lower Upper
 107 100
 144 20.8 17.2 25.8
 142 61.1 51.2 76.8





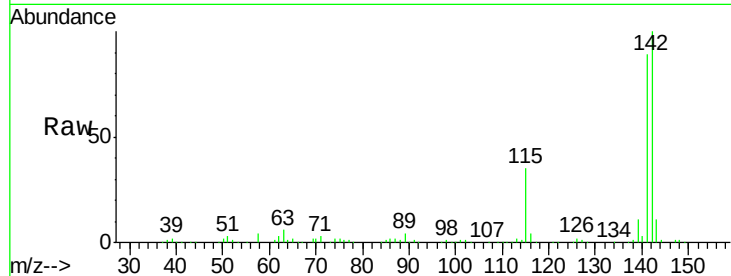
#37
2-Methylnaphthalene
Concen: 38.33 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

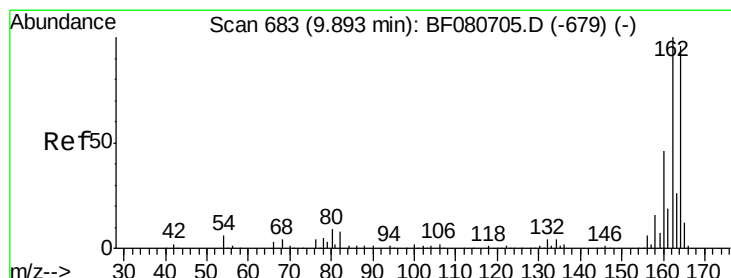
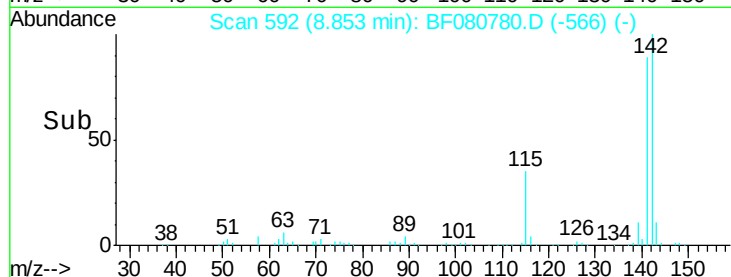
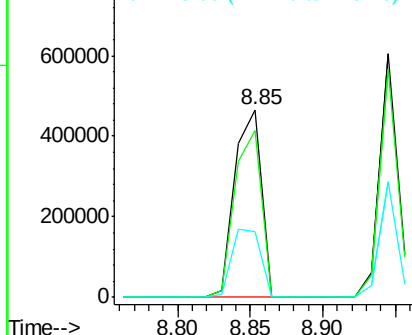
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
115	35.1	31.4	47.2

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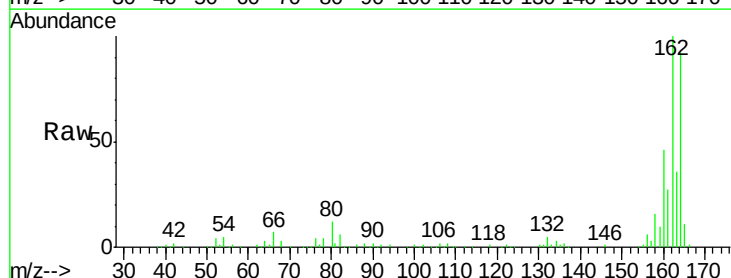


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

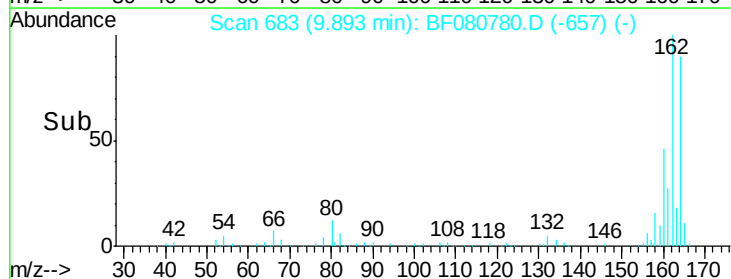
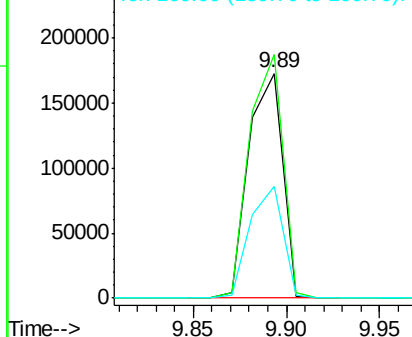


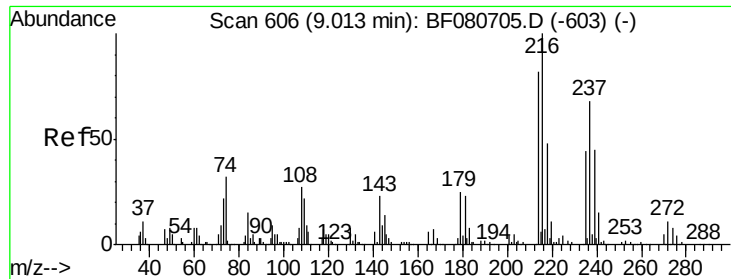
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.3	83.4	125.0
160	49.7	38.0	57.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





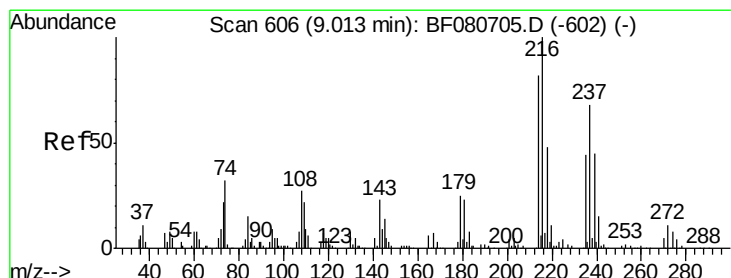
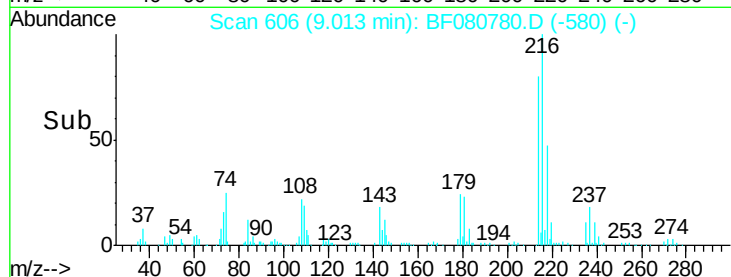
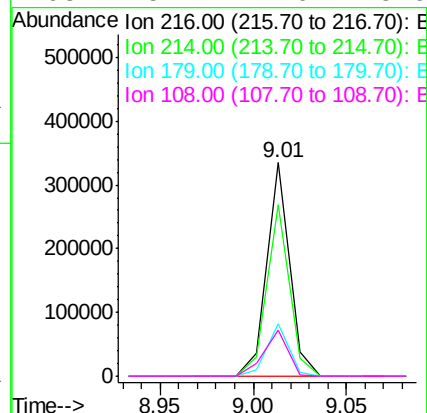
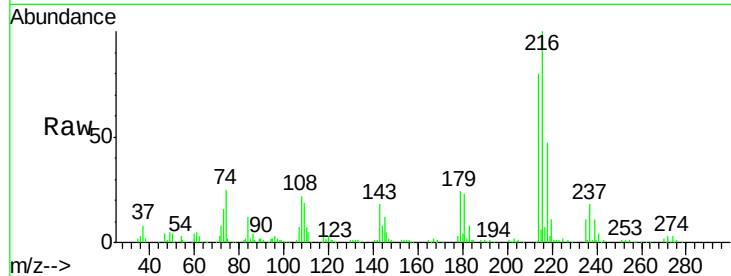
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.04 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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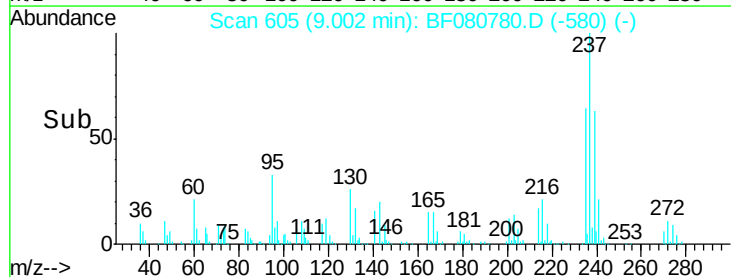
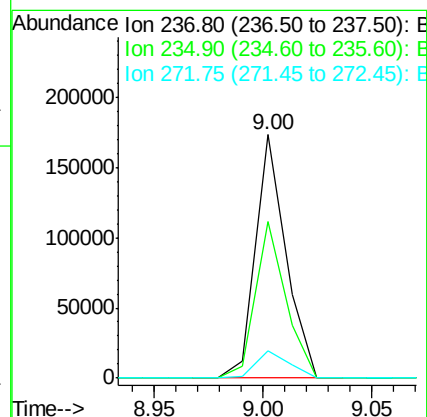
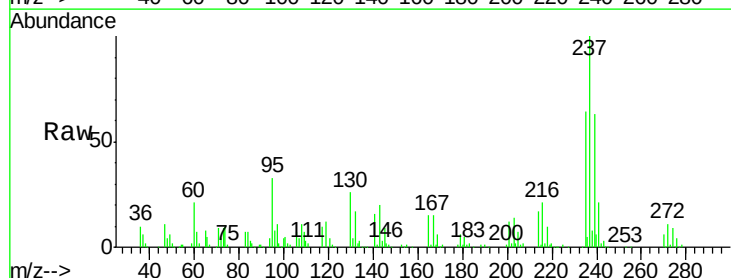
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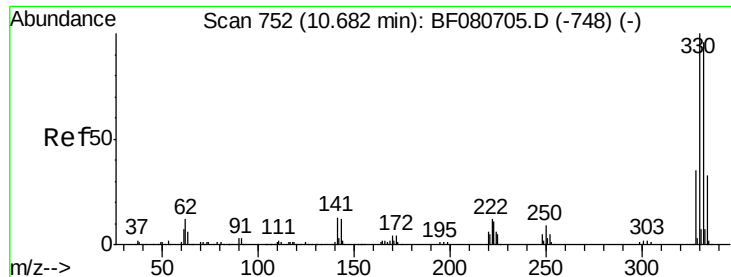
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	281508		
214	79.6	63.1	94.7	
179	23.6	16.9	25.3	
108	23.2	17.0	25.6	



#40
 Hexachlorocyclopentadiene
 Concen: 39.95 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	168611		
235	64.4	44.3	84.3	
272	11.0	0.0	35.5	





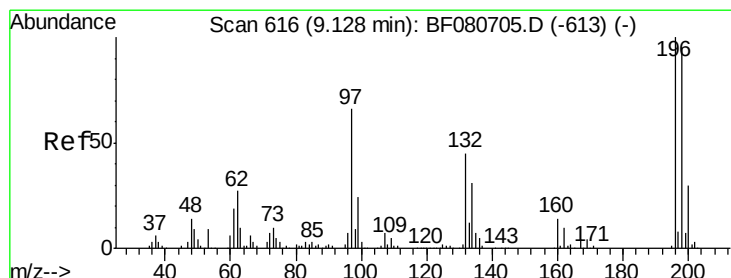
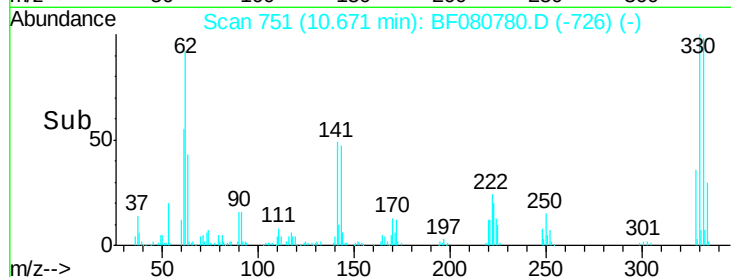
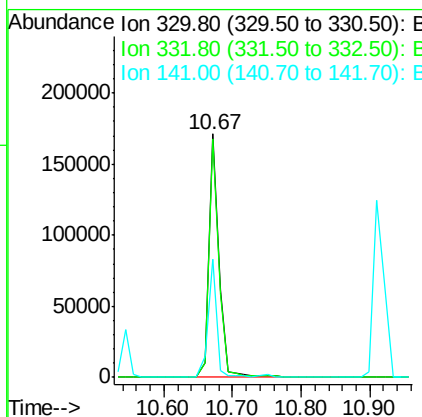
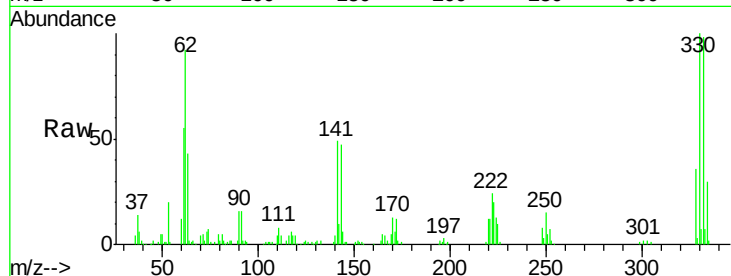
#41
 2,4,6-Tribromophenol
 Concen: 78.49 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	177911		
332	97.5	76.6	114.8	
141	40.8	26.0	39.0#	

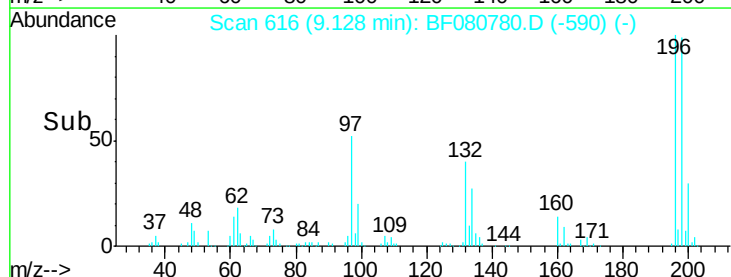
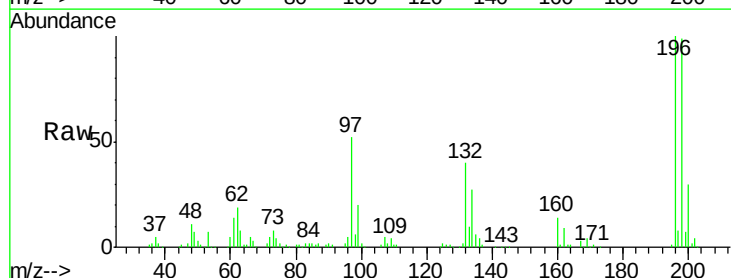
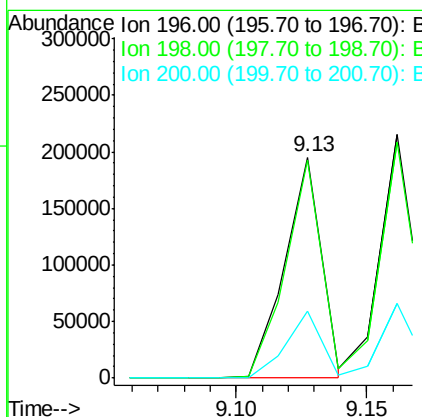
Manual Integrations
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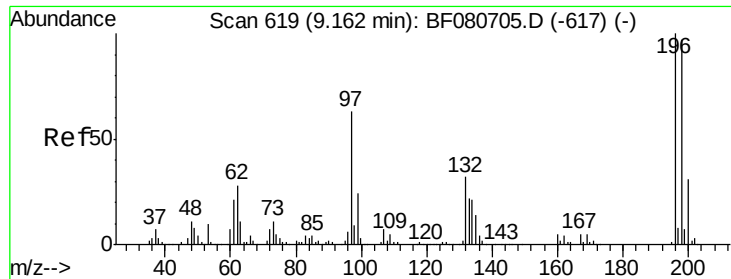
MMDadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 40.08 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

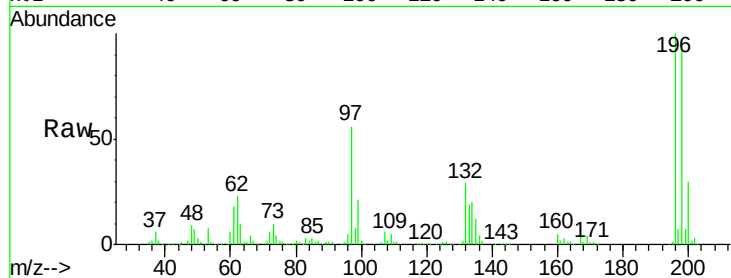
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	191253		
198	98.7	75.8	113.8	
200	30.3	24.2	36.2	





#43
 2,4,5-Trichlorophenol
 Concen: 44.76 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

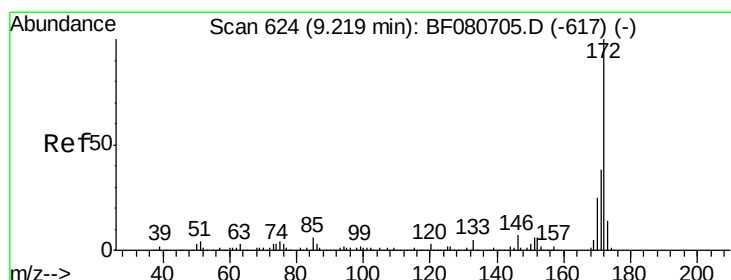
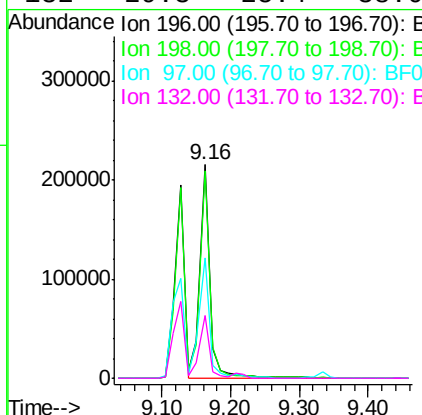
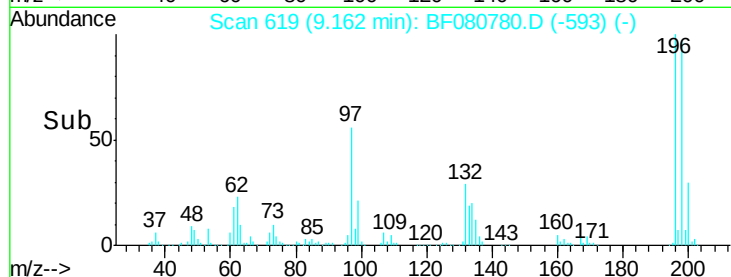
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	211866		
198	97.0	77.8	116.8	
97	56.3	49.0	73.4	
132	29.3	25.4	38.0	

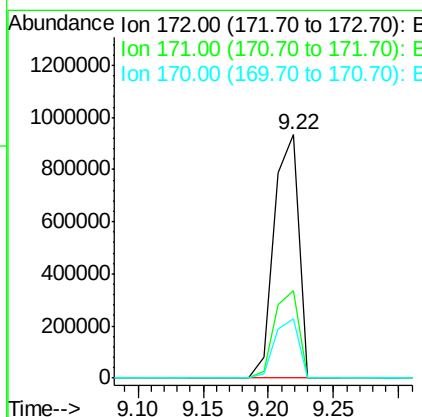
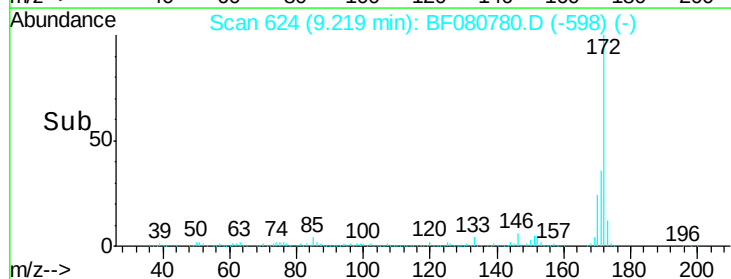
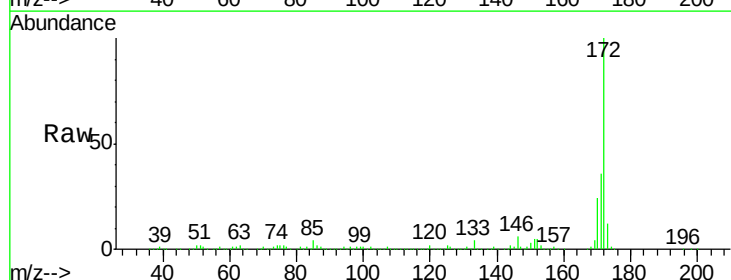
Manual Integrations
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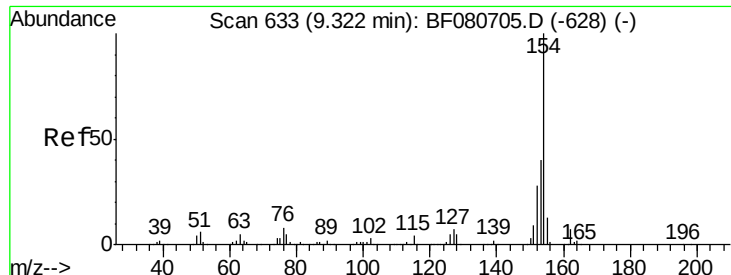
MMDadoda
 8/3/2015 3:41:03 PM



#44
 2-Fluorobiphenyl
 Concen: 84.48 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1236867		
171	36.0	30.2	45.4	
170	24.2	20.2	30.2	





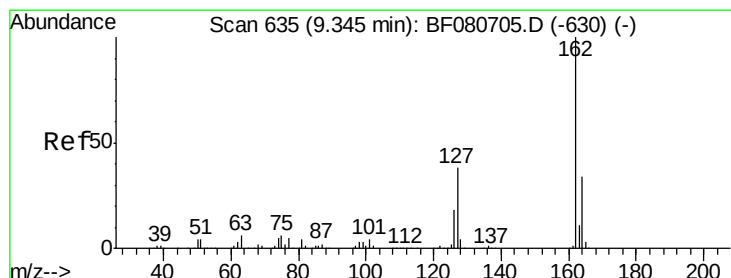
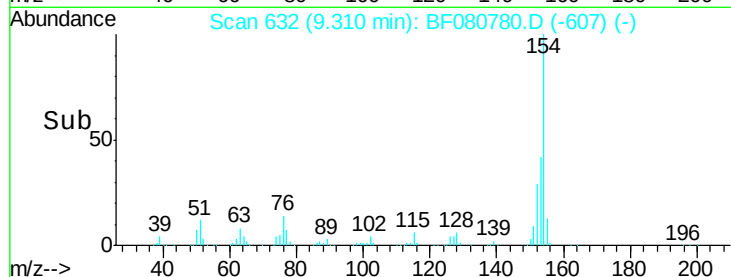
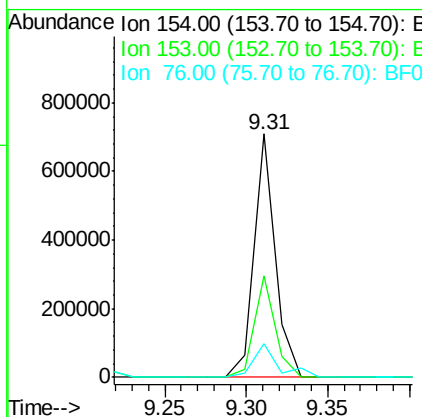
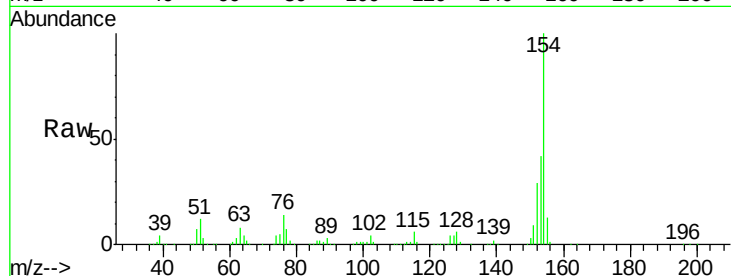
#45
 1,1'-Biphenyl
 Concen: 37.91 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	154	Resp:	635020
Ion Ratio	Lower	Upper	
154	100		
153	41.5	19.9	59.9
76	14.1	0.0	28.3

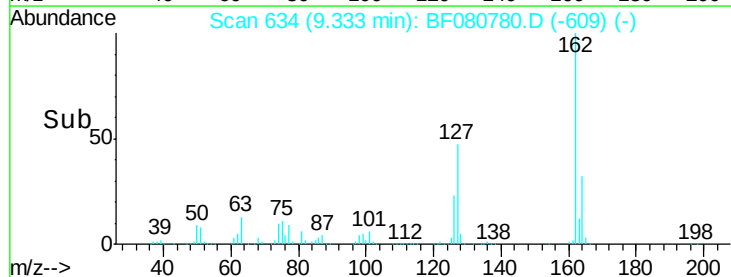
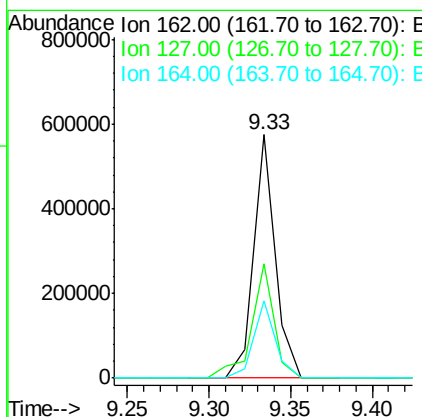
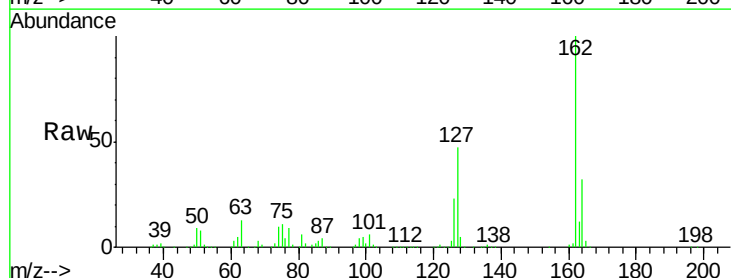
Manual Integrations
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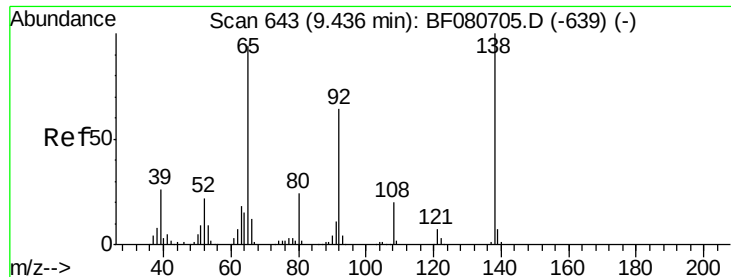
MMDadoda
 8/3/2015 3:41:03 PM



#46
 2-Chloronaphthalene
 Concen: 38.52 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion:	162	Resp:	526948
Ion Ratio	Lower	Upper	
162	100		
127	46.9	30.2	45.4#
164	31.7	27.1	40.7





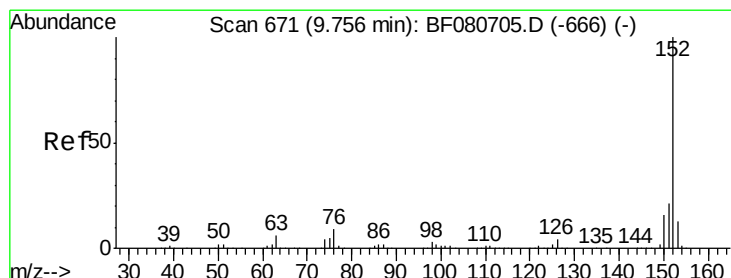
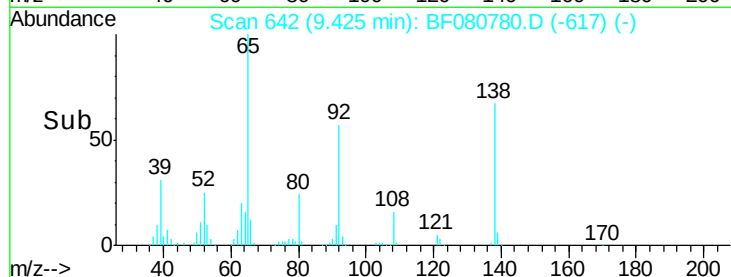
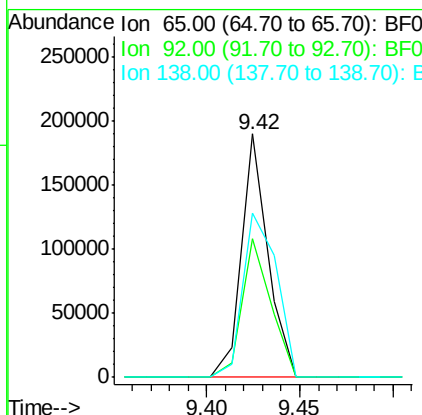
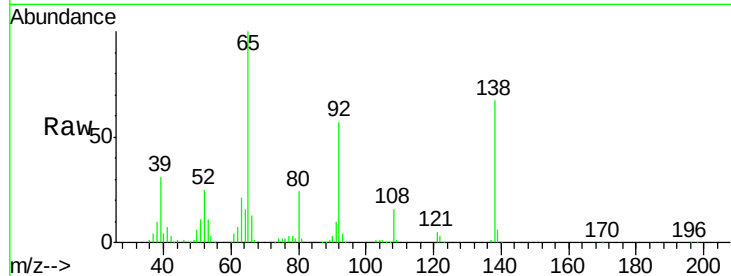
#47
 2-Nitroaniline
 Concen: 35.24 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	187584		
92	57.2	54.9	82.3	
138	67.2	85.1	127.7#	

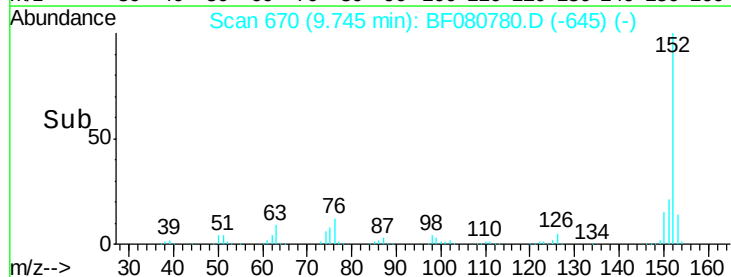
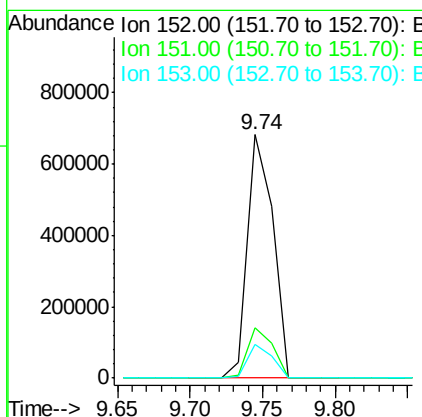
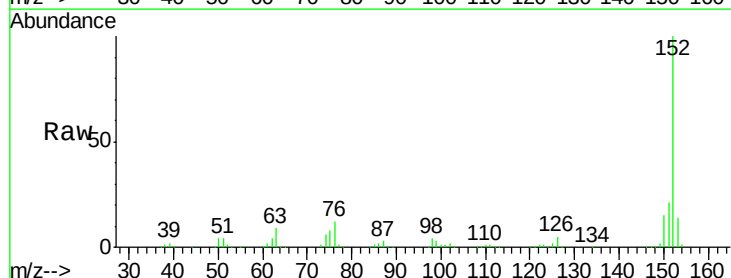
Manual Integrations
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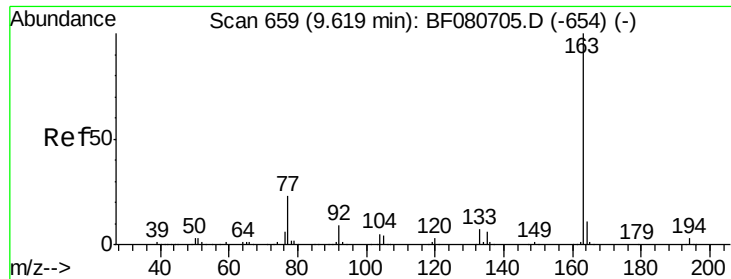
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#48
 Acenaphthylene
 Concen: 38.26 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	832294		
151	20.6	17.0	25.6	
153	13.7	10.8	16.2	





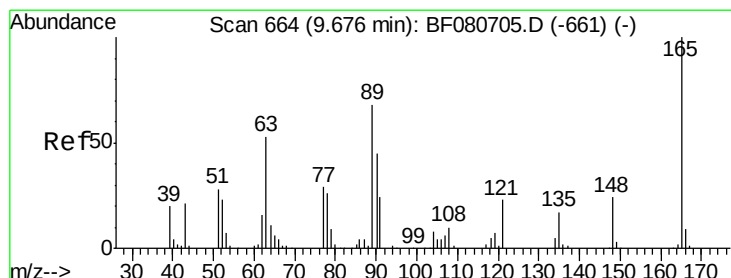
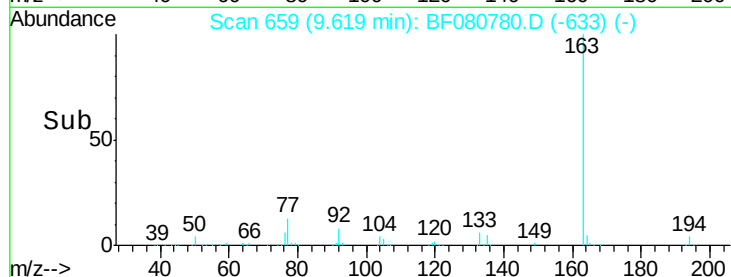
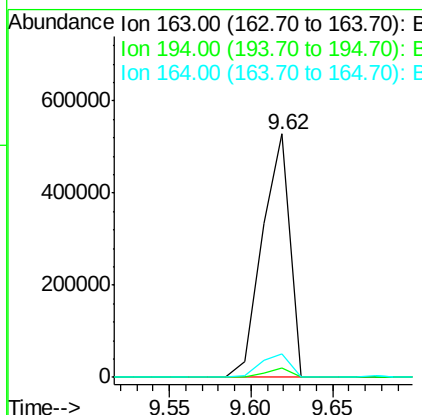
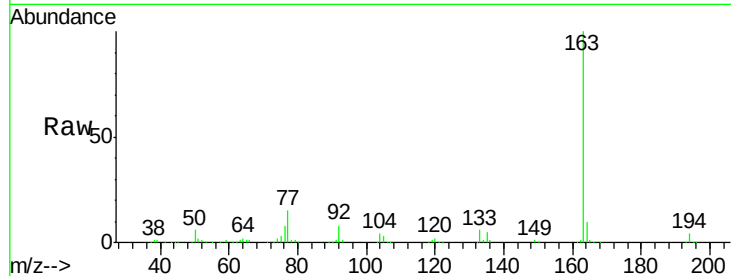
#49
Dimethylphthalate
Concen: 40.07 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	2.7	4.1
164	9.5	8.7	13.1

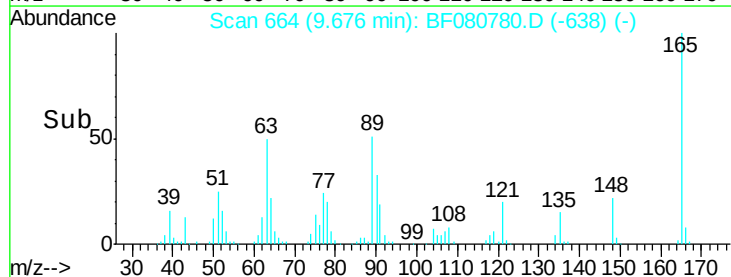
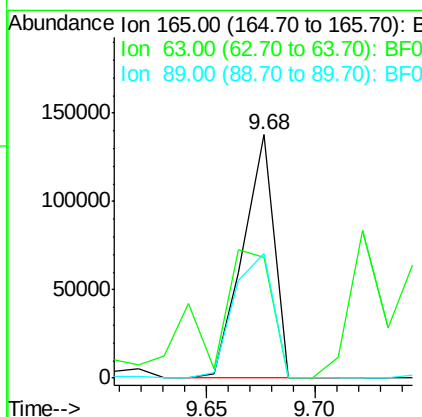
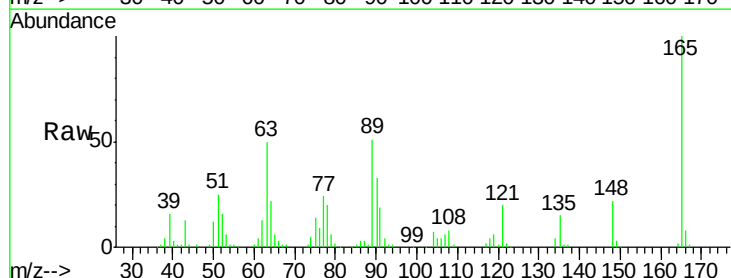
Manual Integrations
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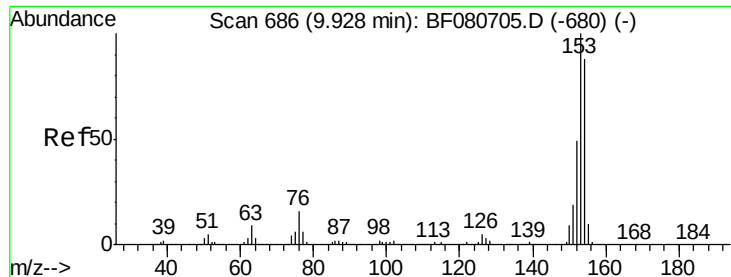
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#50
2,6-Dinitrotoluene
Concen: 41.99 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.8	62.3	93.5#
89	51.3	54.8	82.2#





#51

Acenaphthene

Concen: 39.46 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF080780.D

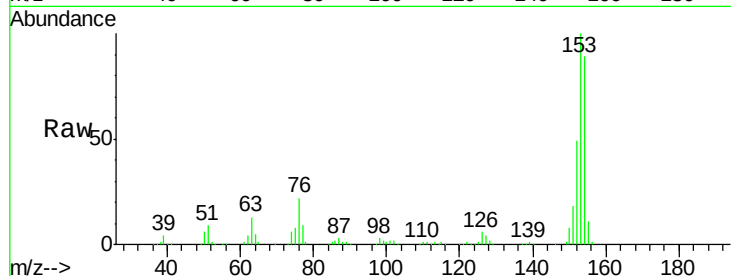
Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:154 Resp: 523705

Ion Ratio Lower Upper

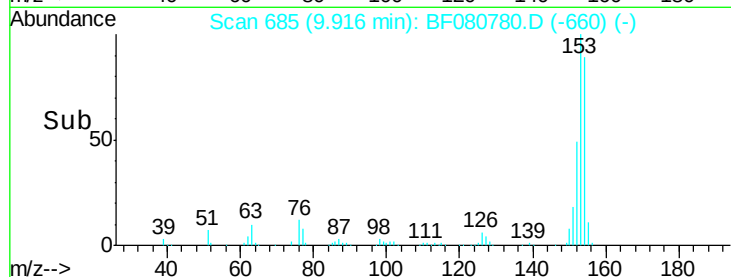
154 100

153 111.9 90.7 136.1

152 54.9 44.2 66.4

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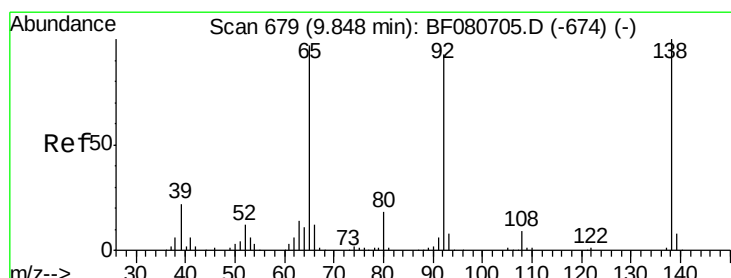
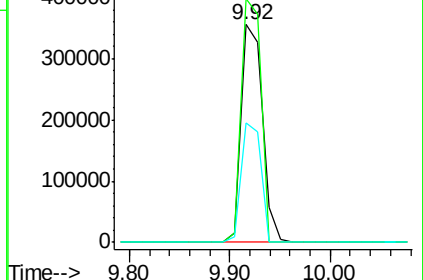
MMDadoda
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.10 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

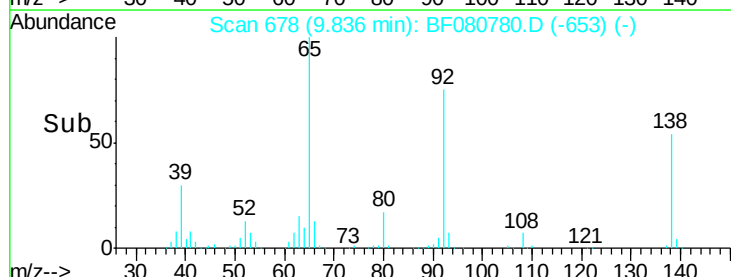
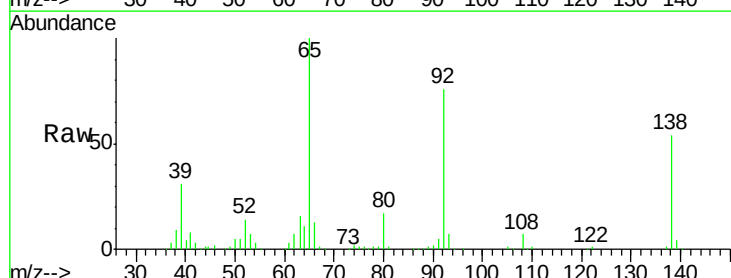
Tgt Ion:138 Resp: 124794

Ion Ratio Lower Upper

138 100

108 12.8 6.9 10.3#

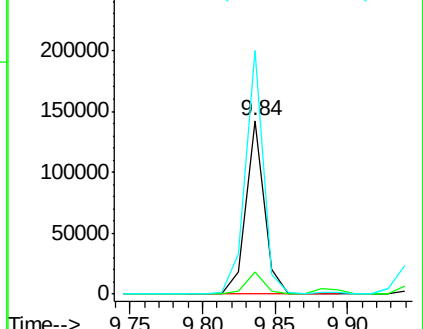
92 140.2 74.1 111.1#

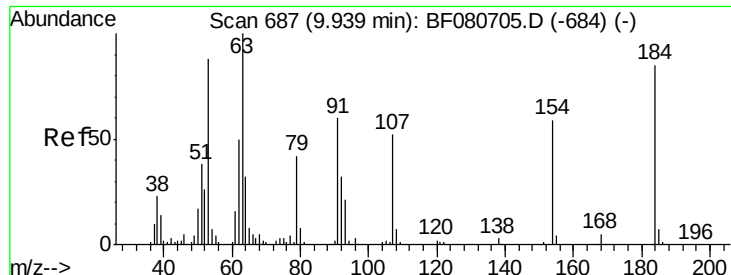


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





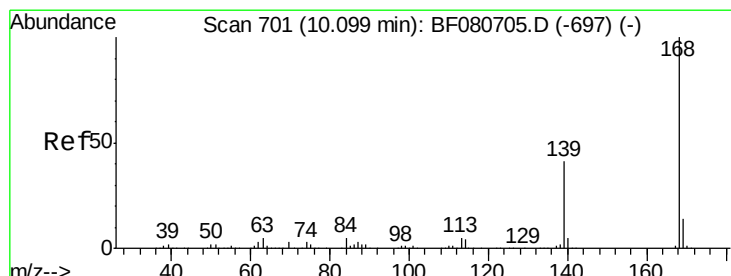
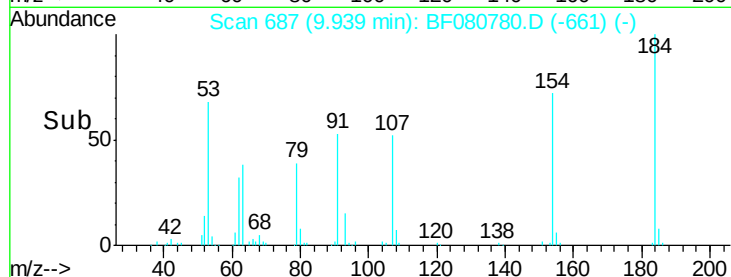
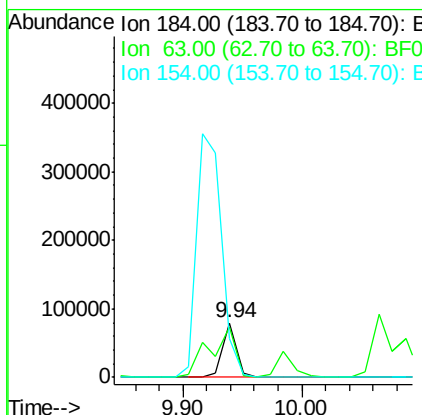
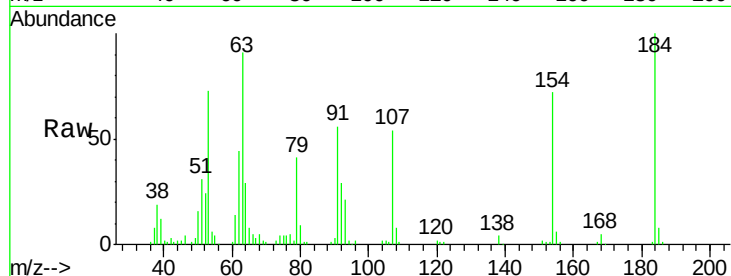
#53
 2,4-Dinitrophenol
 Concen: 37.13 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	64606		
63	91.5	96.0	144.0#	
154	71.8	66.0	99.0	

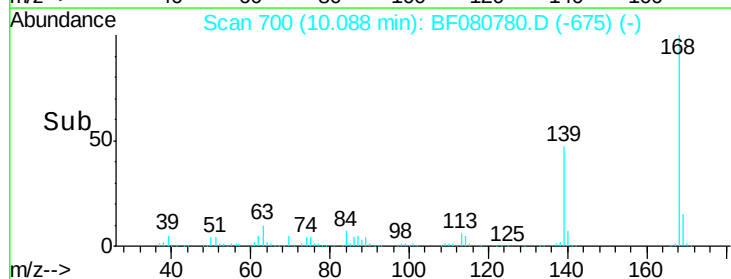
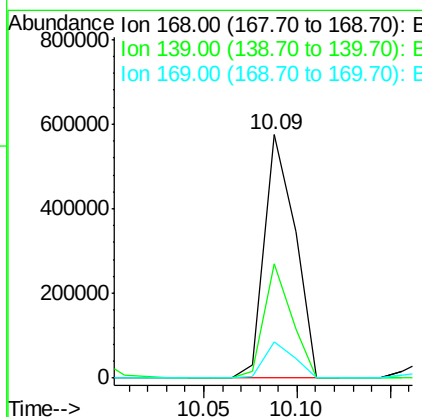
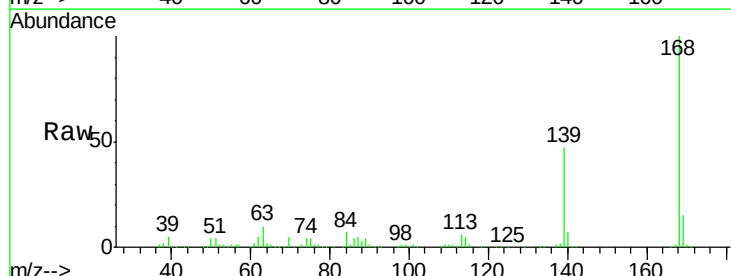
Manual Integrations
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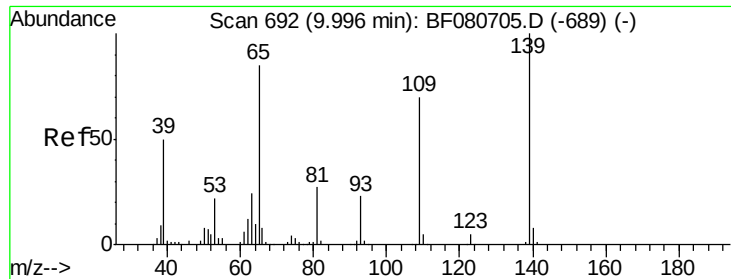
MMDadoda
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#54
 Dibenzofuran
 Concen: 36.83 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	653634		
139	46.9	33.0	49.6	
169	14.9	11.4	17.2	





#55

4-Nitrophenol

Concen: 33.03 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

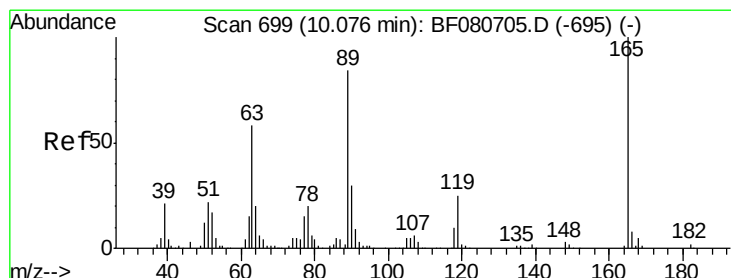
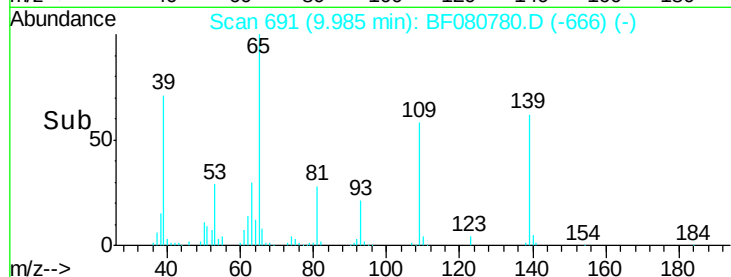
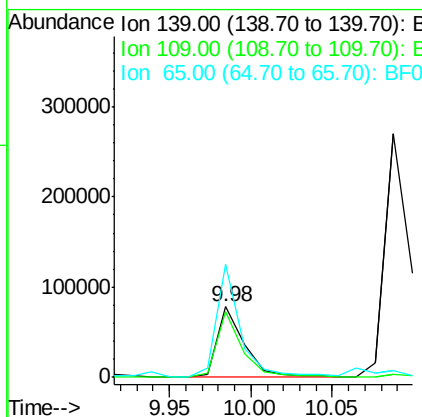
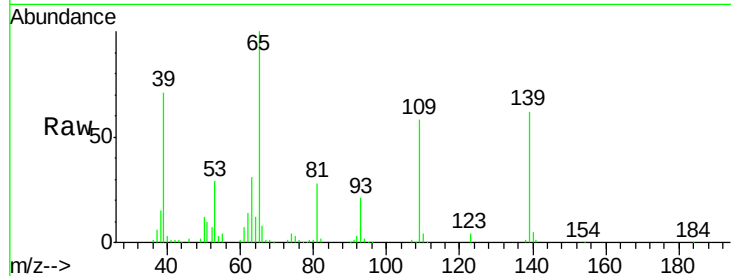
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	139	Resp:	91740
Ion Ratio	Lower	Upper	
139	100		
109	93.5	50.4	90.4#
65	160.2	66.1	106.1#

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#56

2,4-Dinitrotoluene

Concen: 37.88 ng

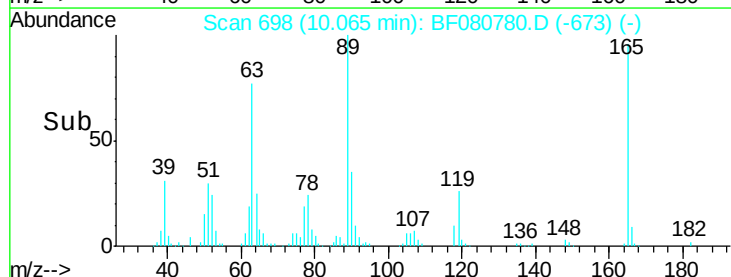
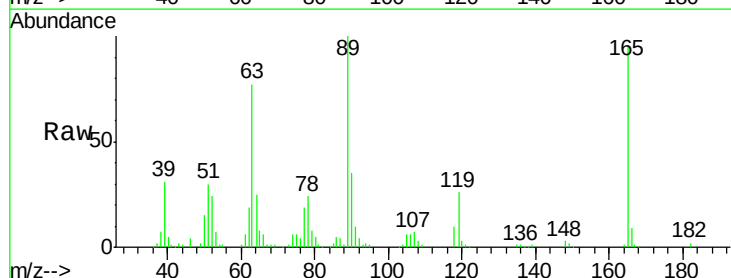
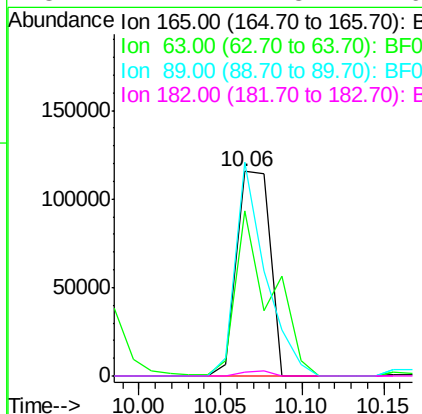
RT: 10.06 min Scan# 698

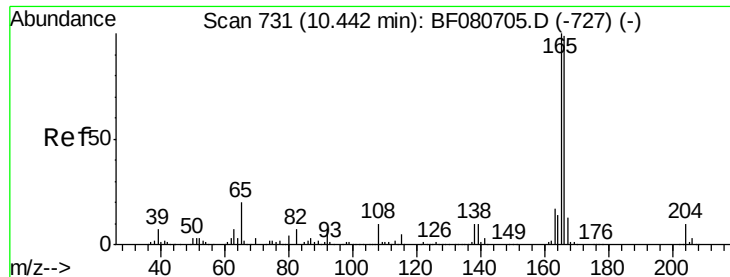
Delta R.T. -0.01 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Tgt Ion:	165	Resp:	162272
Ion Ratio	Lower	Upper	
165	100		
63	80.4	46.7	70.1#
89	104.3	67.4	101.2#
182	2.1	1.8	2.6





#57

Fluorene

Concen: 37.70 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF080780.D

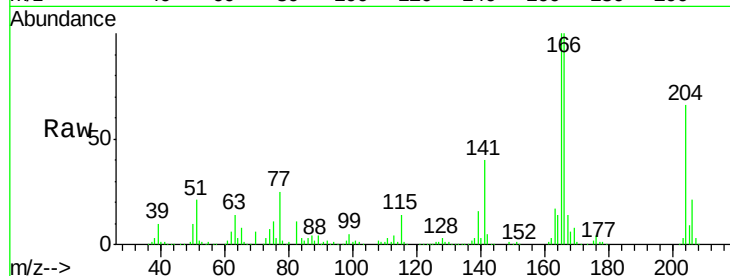
Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

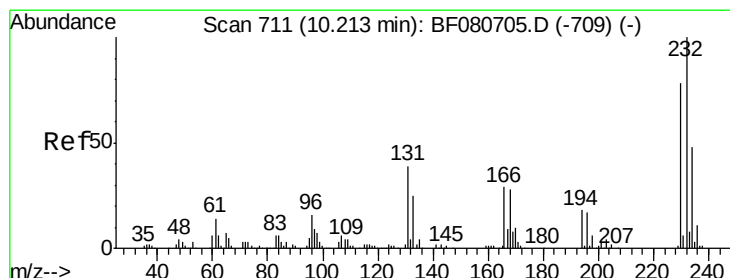
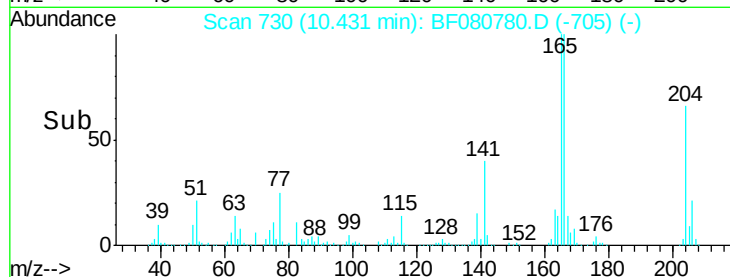
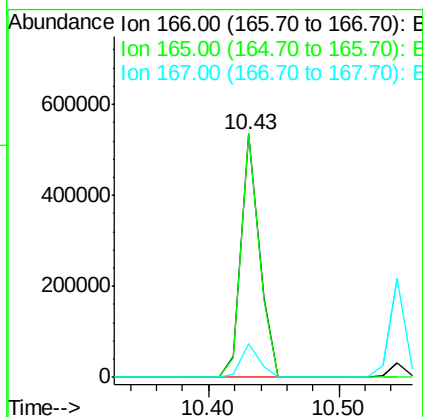
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	519284		
165	99.9	81.0	121.4	
167	13.8	10.8	16.2	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.62 ng

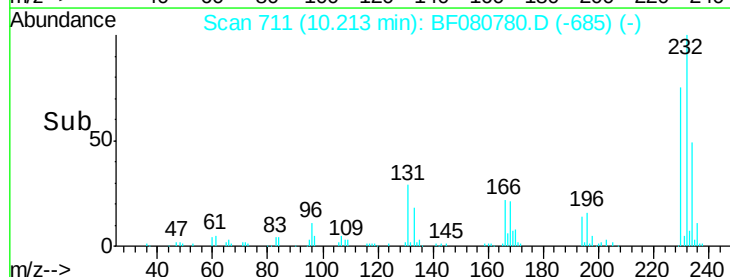
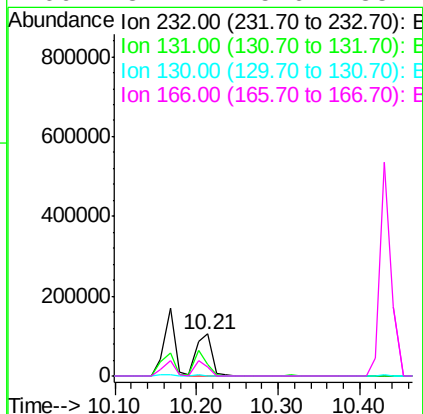
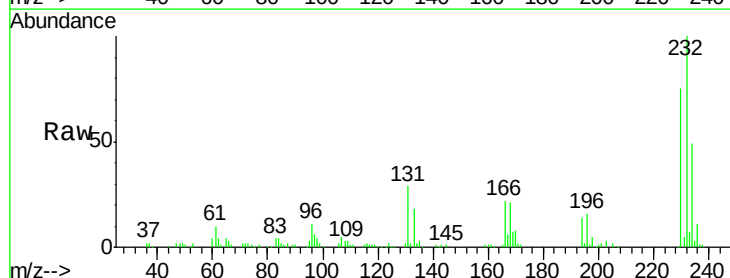
RT: 10.21 min Scan# 711

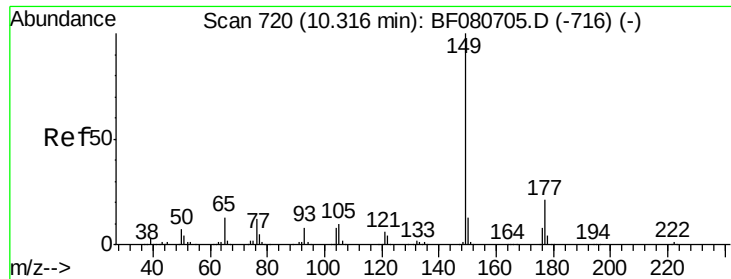
Delta R.T. -0.00 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	141444		
131	47.6	38.2	57.2	
130	2.4	1.8	2.6	
166	32.2	25.6	38.4	





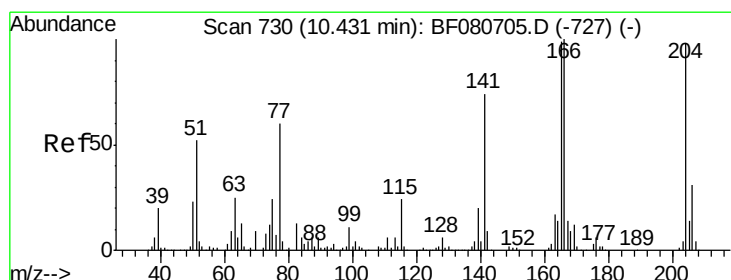
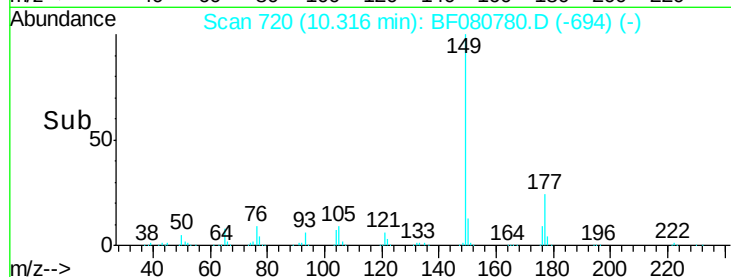
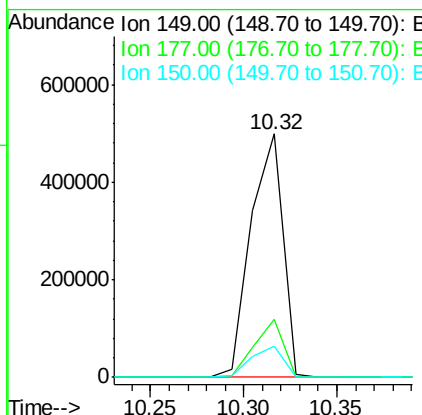
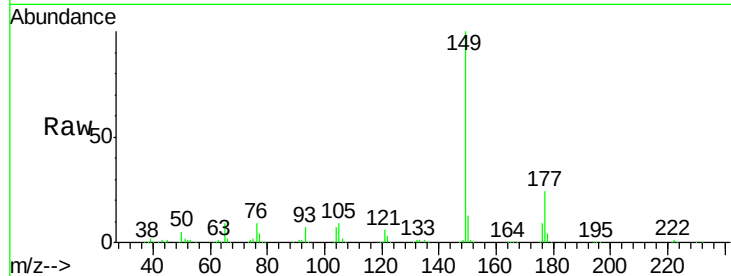
#59
Diethylphthalate
Concen: 39.89 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	591839		
177	23.7	16.6	25.0	
150	12.7	10.2	15.4	

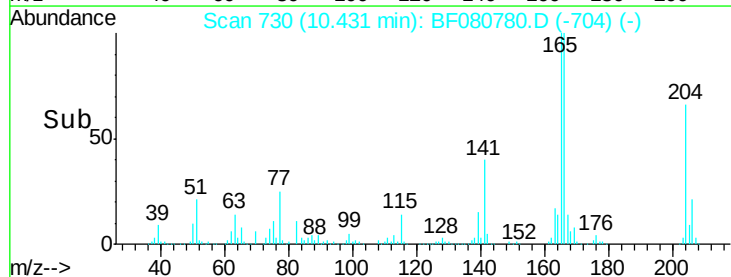
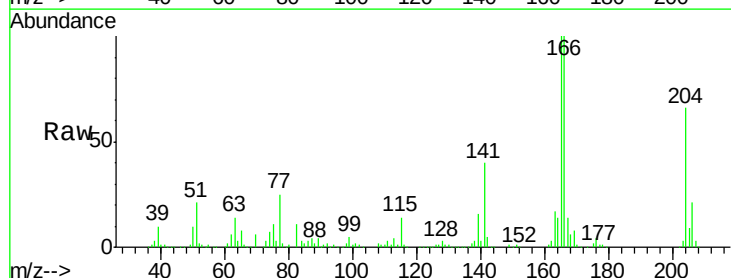
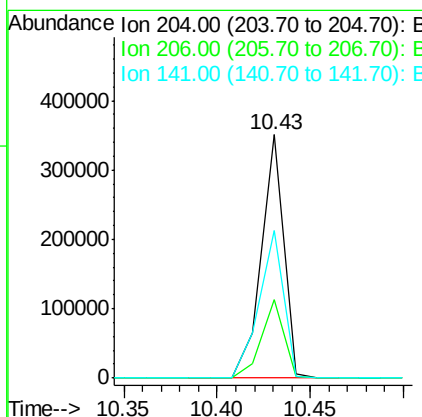
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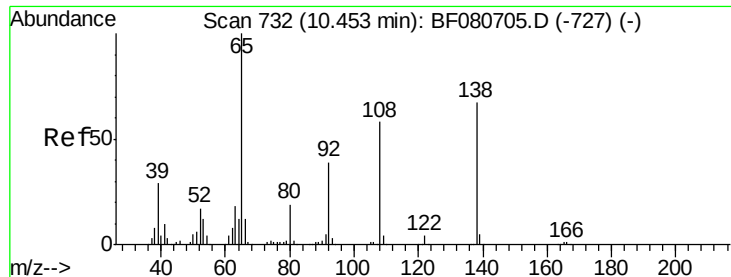
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 48.81 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

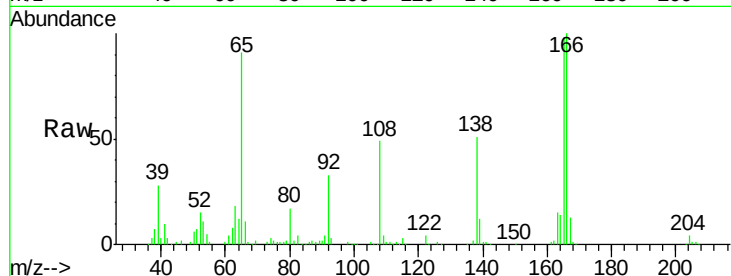
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	289972		
206	32.5	25.1	37.7	
141	60.5	60.3	90.5	





#61
4-Nitroaniline
Concen: 37.55 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

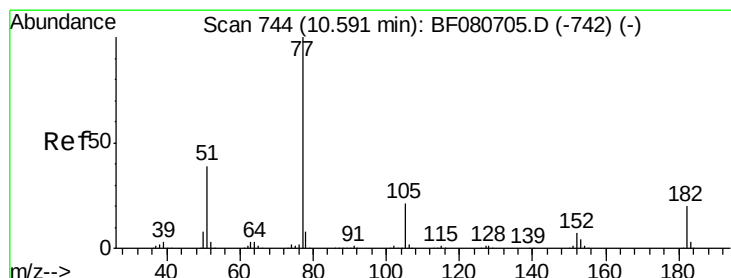
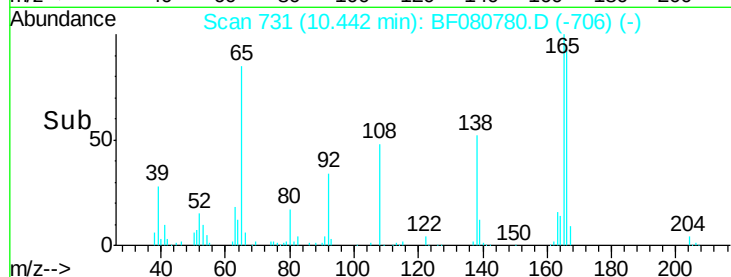
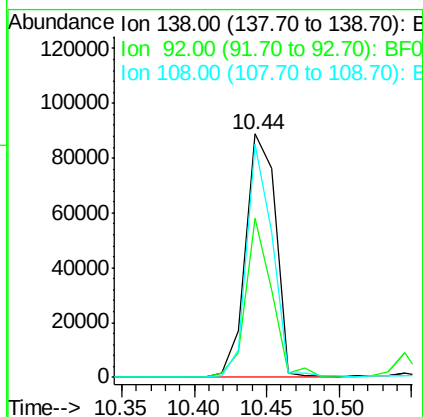
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	127789		
92	65.2	38.2	78.2	
108	96.0	66.3	106.3	

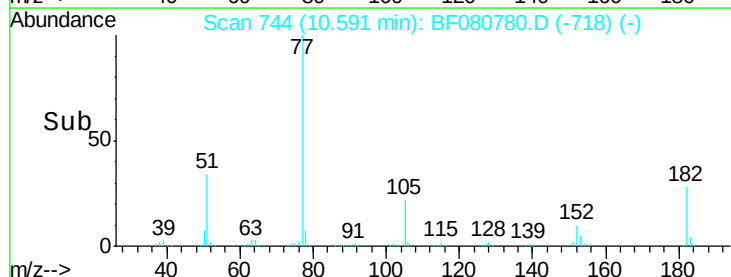
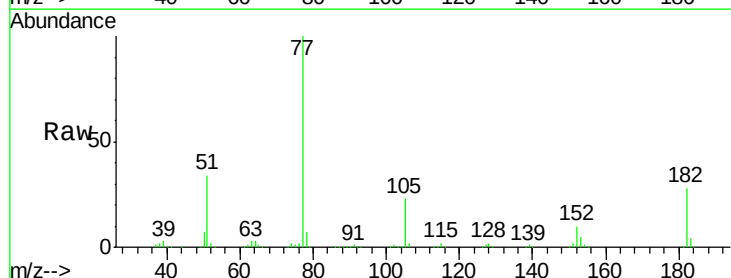
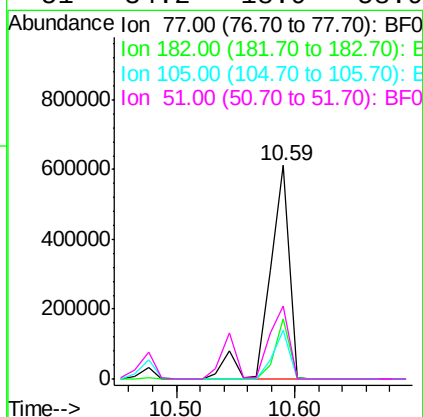
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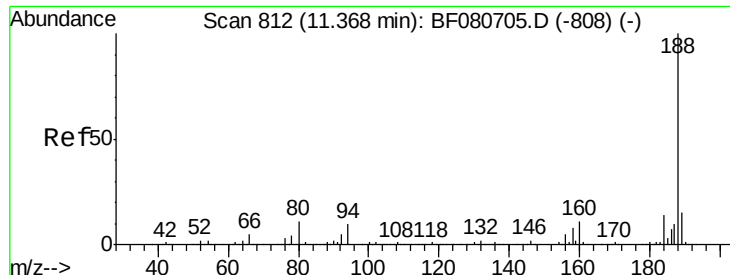
MMDadoda
8/3/2015 3:41:03 PM



#62
Azobenzene
Concen: 44.24 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	711191		
182	28.3	0.0	39.9	
105	22.6	1.1	41.1	
51	34.2	18.9	58.9	





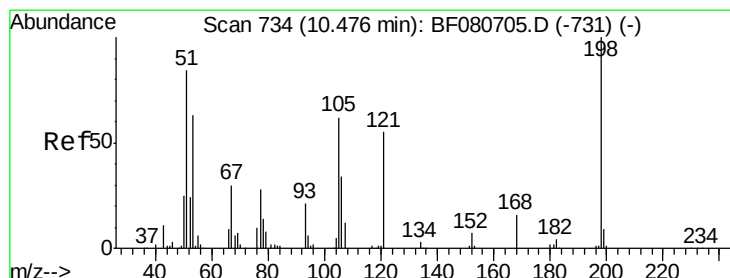
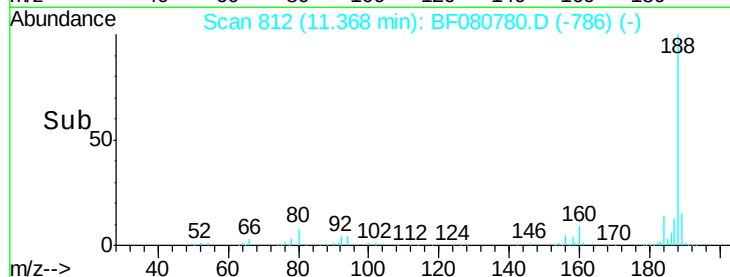
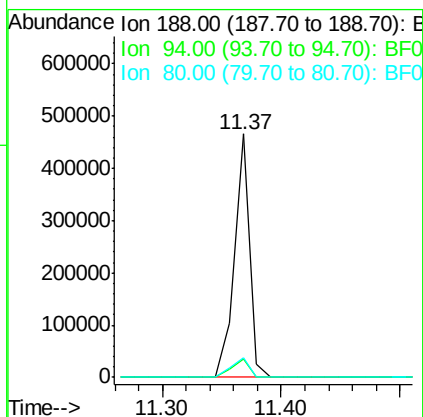
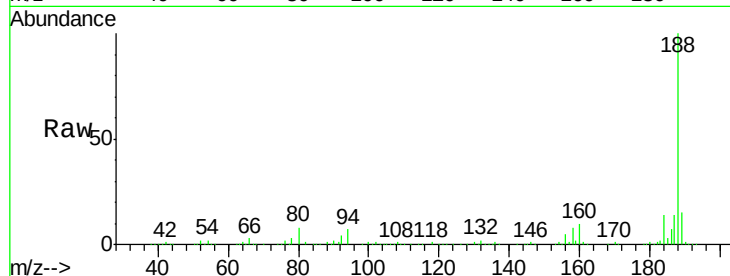
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.4	8.1	12.1#
80	8.0	9.1	13.7#

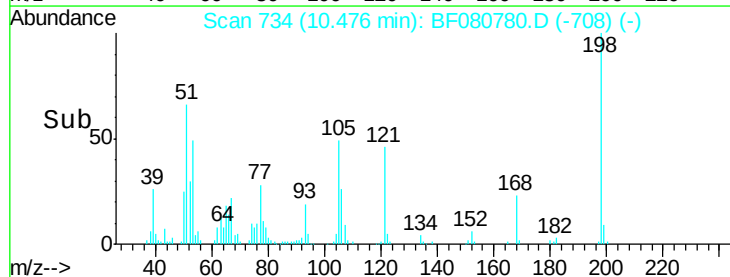
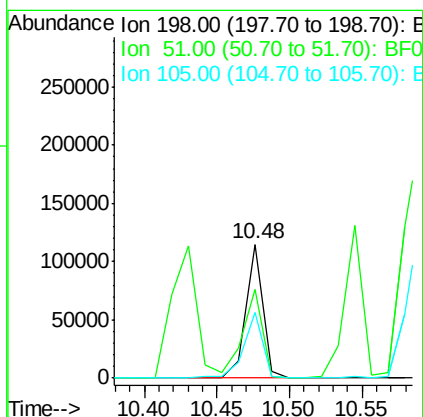
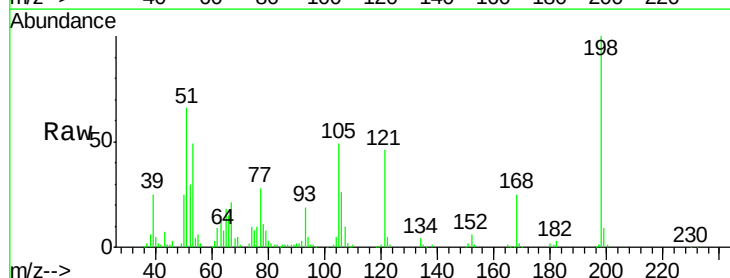
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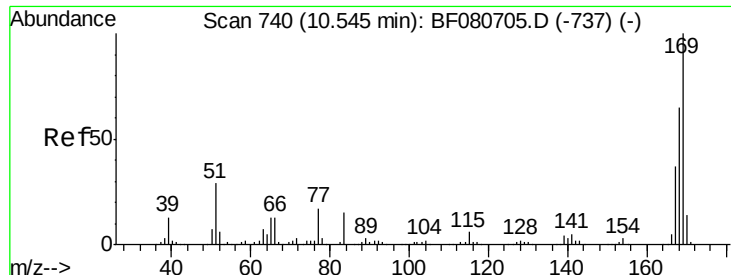
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.07 ng
 RT: 10.48 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	66.0	84.6	124.6#
105	49.3	43.0	83.0





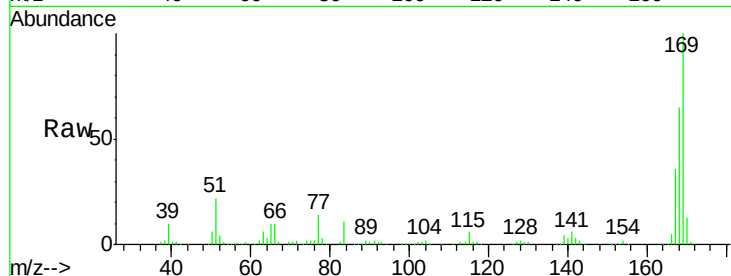
#65
 n-Nitrosodiphenylamine
 Concen: 37.01 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

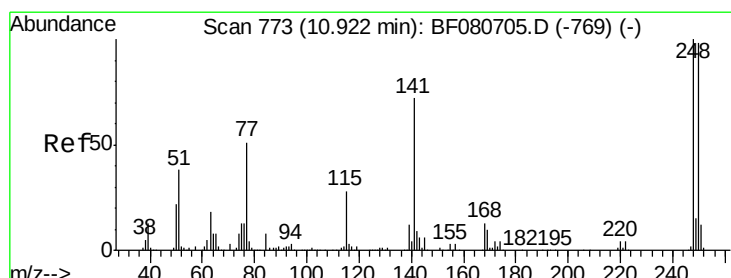
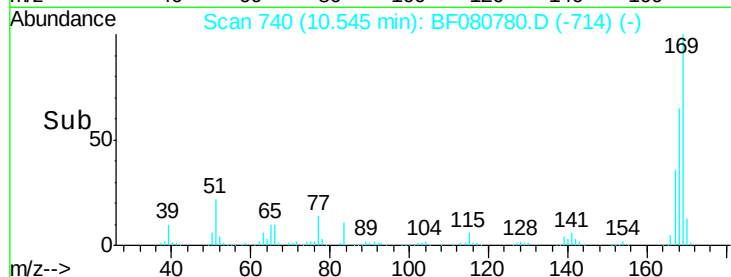
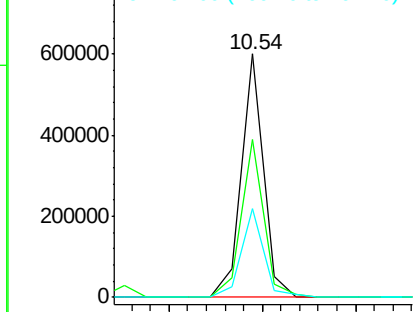
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	497914		
168	64.8	52.1	78.1	
167	36.2	29.3	43.9	

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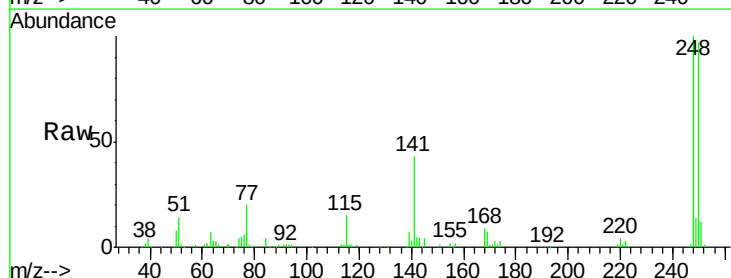


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

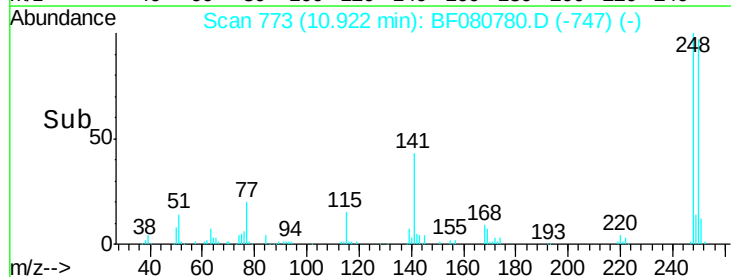
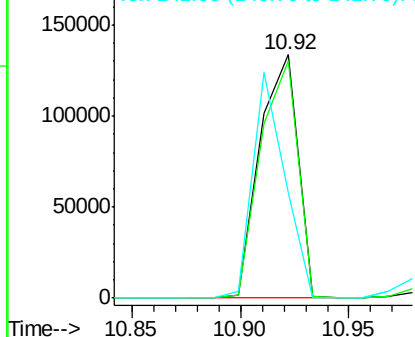


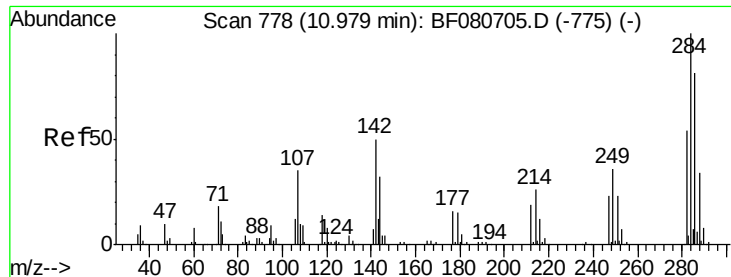
#66
 4-Bromophenyl-phenylether
 Concen: 38.56 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	163361		
250	97.3	78.4	117.6	
141	43.1	57.5	86.3	



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





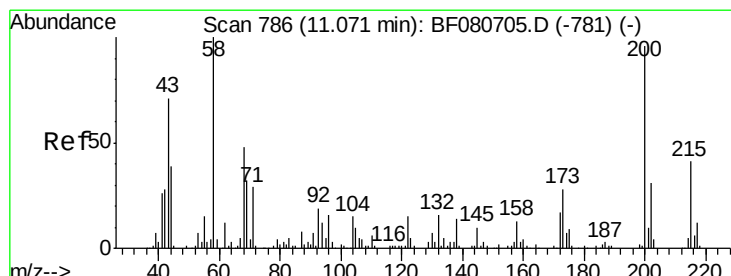
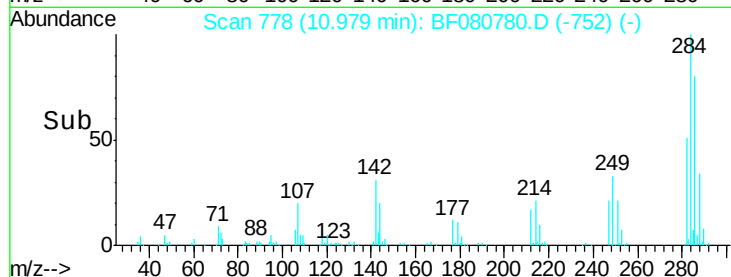
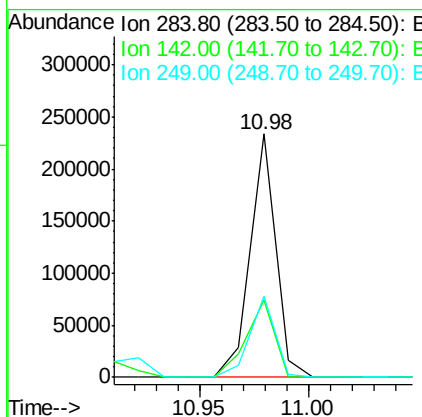
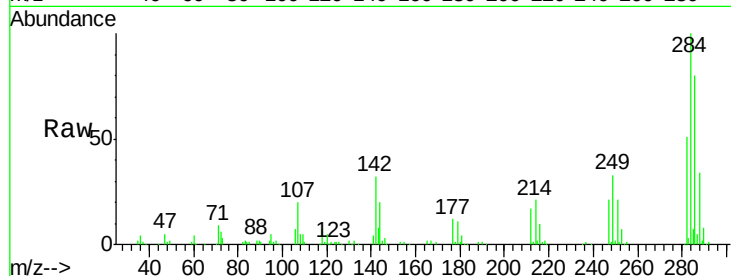
#67
Hexachlorobenzene
Concen: 39.04 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	31.8	39.8	59.6#
249	33.2	28.7	43.1

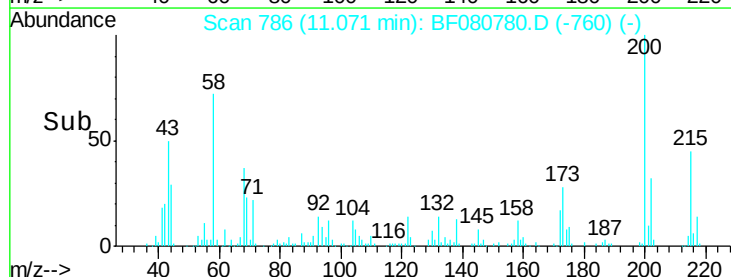
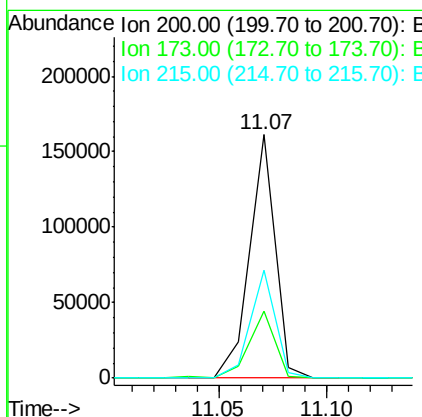
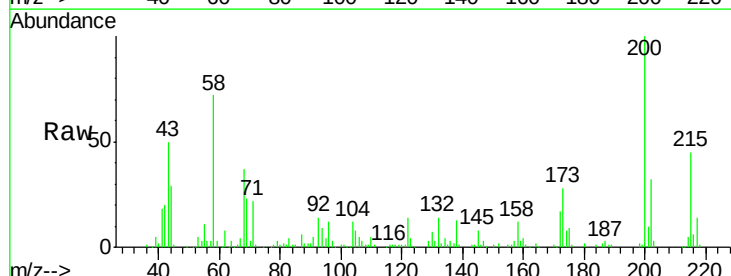
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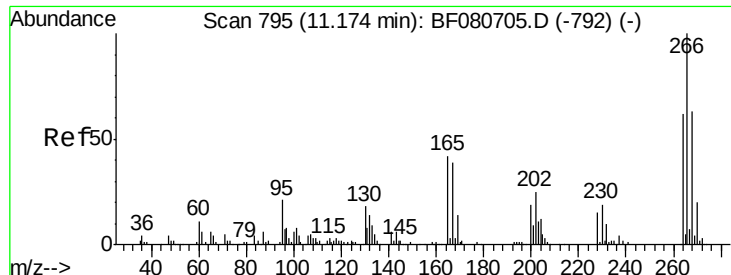
MMDadoda
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#68
Atrazine
Concen: 38.88 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.6	8.6	48.6
215	44.6	22.2	62.2





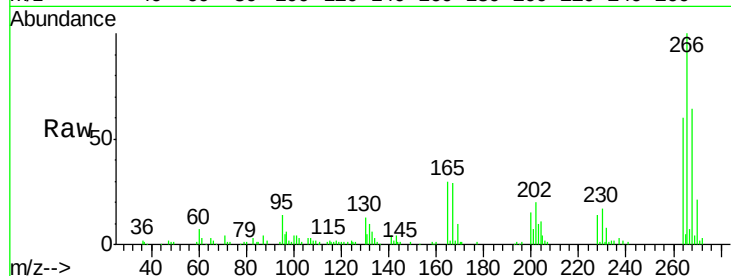
#69
 Pentachlorophenol
 Concen: 36.45 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

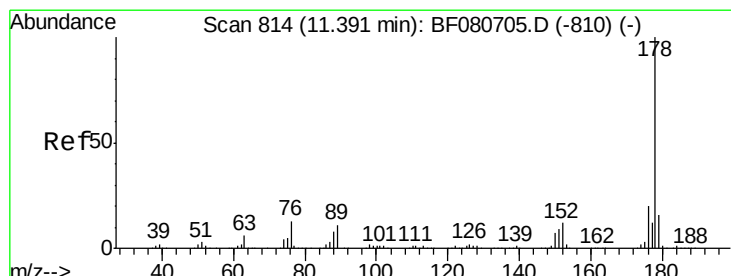
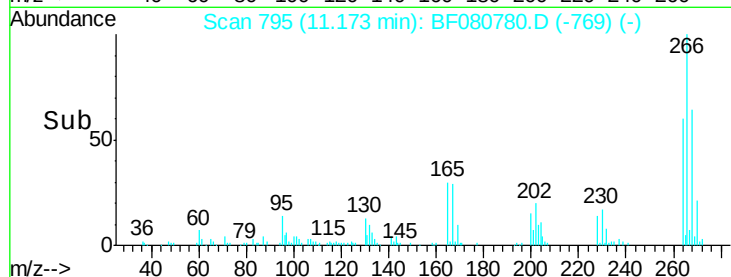
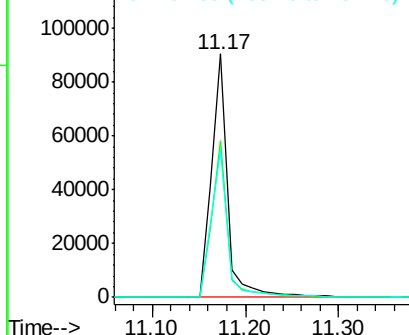
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	108032		
268	64.4	50.5	75.7	
264	60.4	50.0	75.0	

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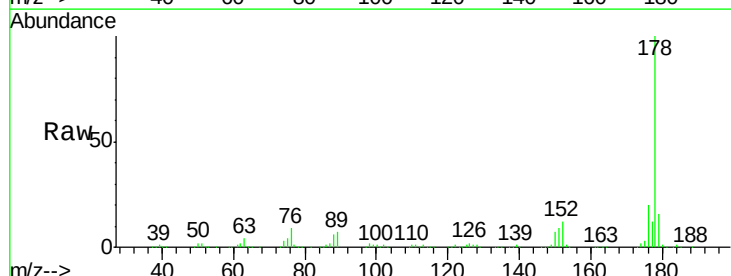


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

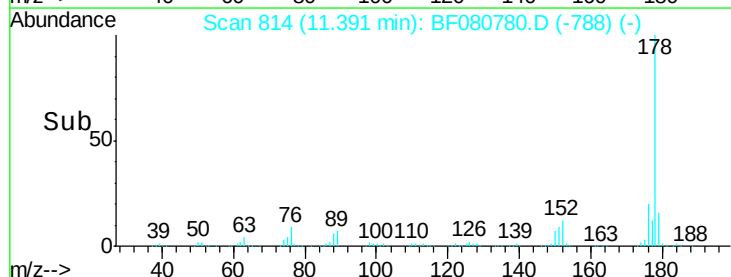
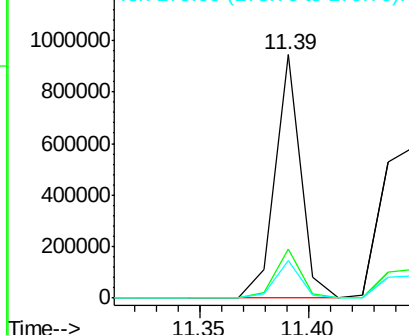


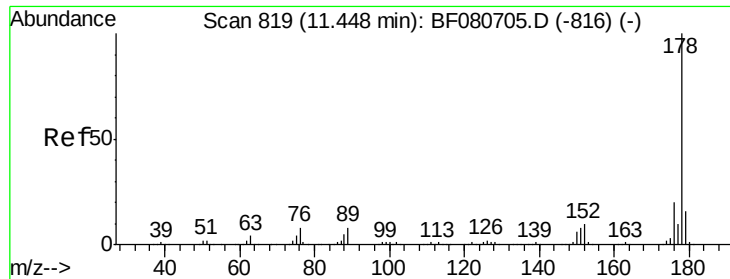
#70
 Phenanthrene
 Concen: 37.88 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	783231		
176	20.1	16.2	24.4	
179	15.6	13.0	19.4	



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





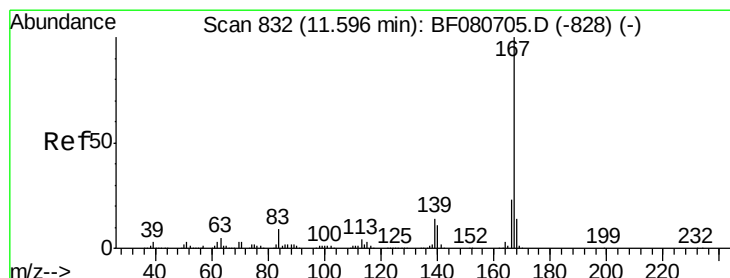
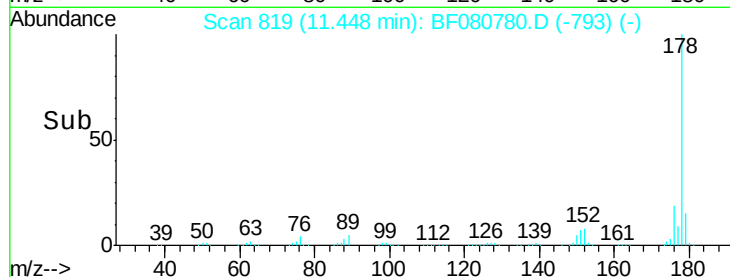
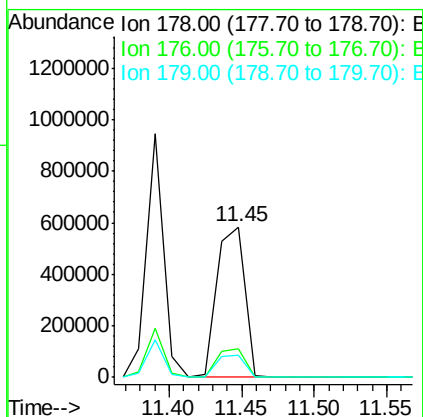
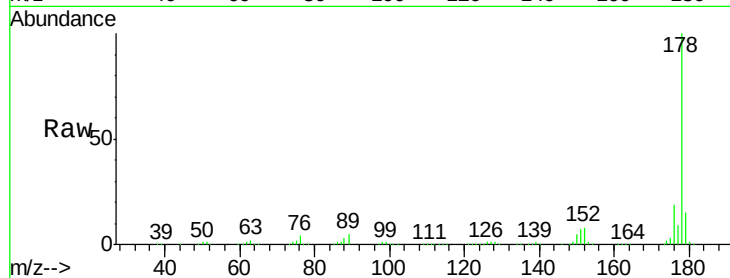
#71
 Anthracene
 Concen: 38.14 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.0	12.7	19.1

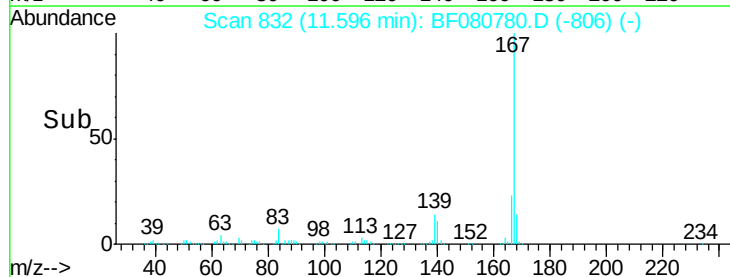
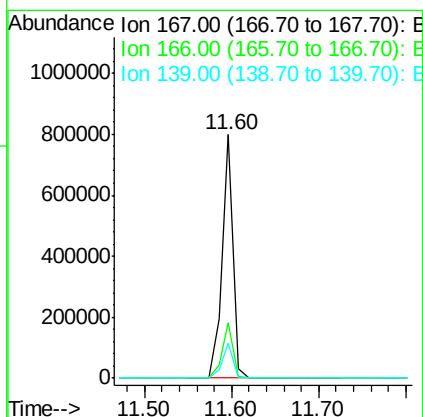
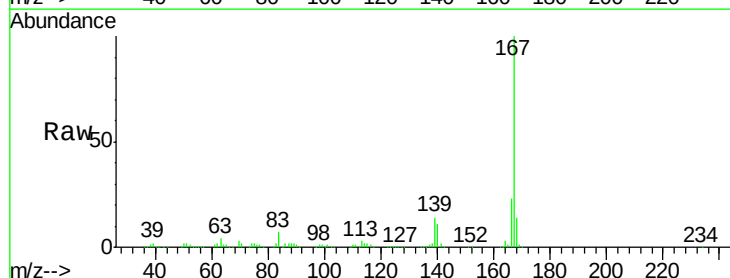
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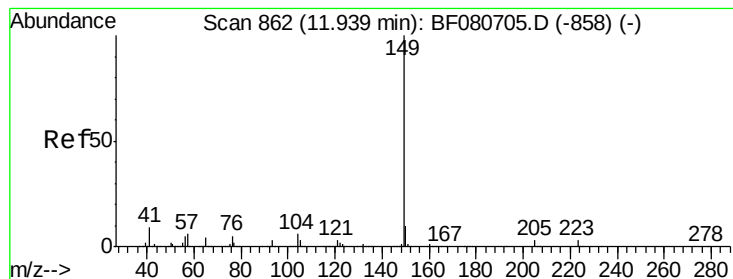
MMDadoda
 8/3/2015 3:41:03 PM



#72
 Carbazole
 Concen: 40.09 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	14.1	11.5	17.3





#73

Di-n-butylphthalate

Concen: 37.86 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

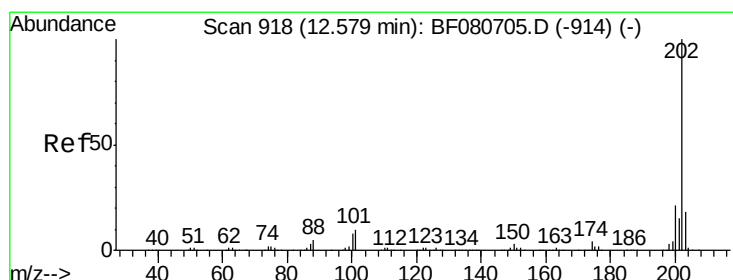
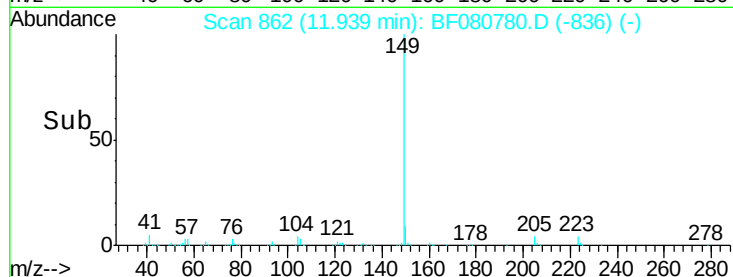
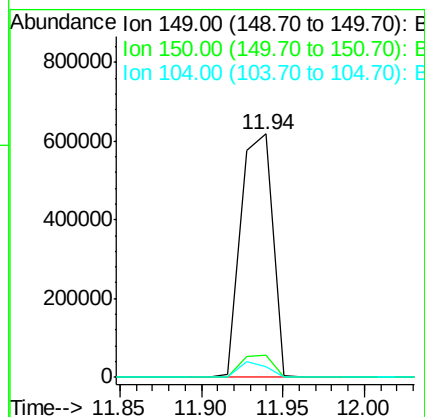
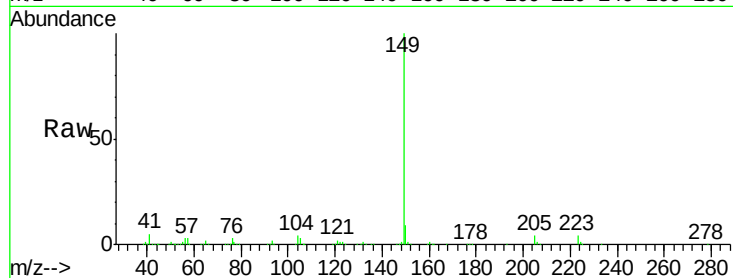
ClientSampleId :

SSTDCCC040EC

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Tgt Ion:	149	Resp:	827737
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.6	11.4
104	4.4	4.4	6.6



#74

Fluoranthene

Concen: 36.84 ng

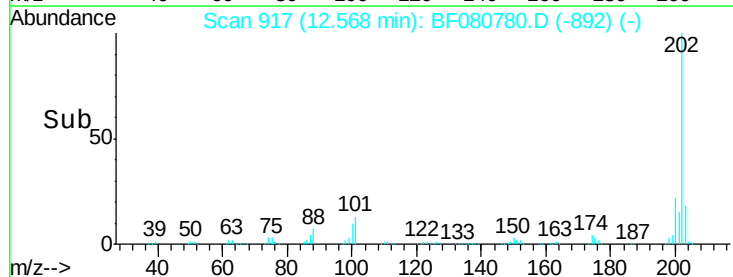
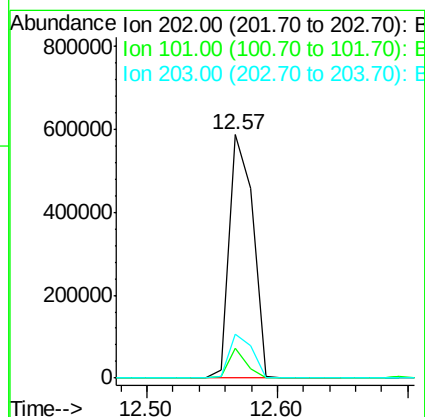
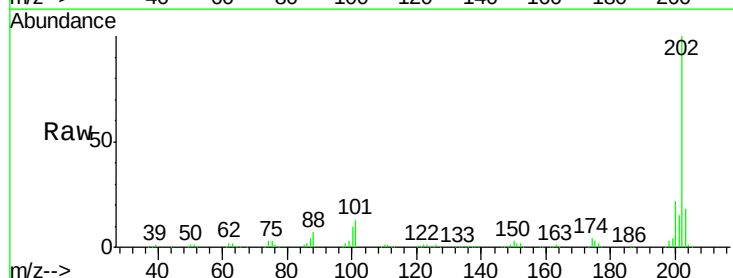
RT: 12.57 min Scan# 917

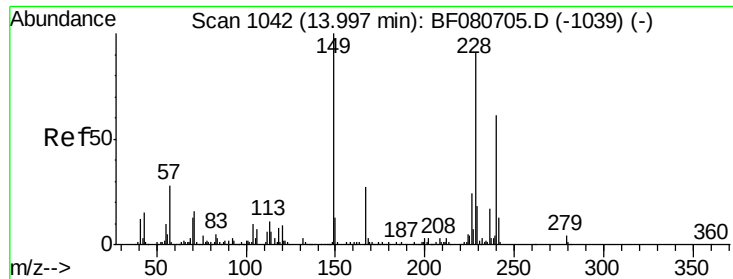
Delta R.T. -0.01 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Tgt Ion:	202	Resp:	736417
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	29.6
203	18.1	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080780.D

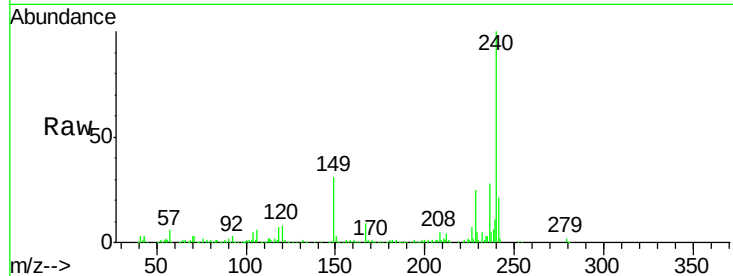
Acq: 1 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

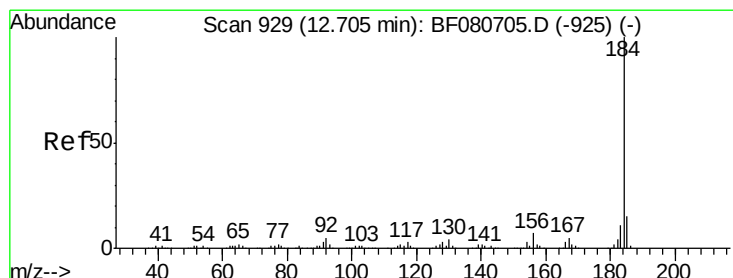
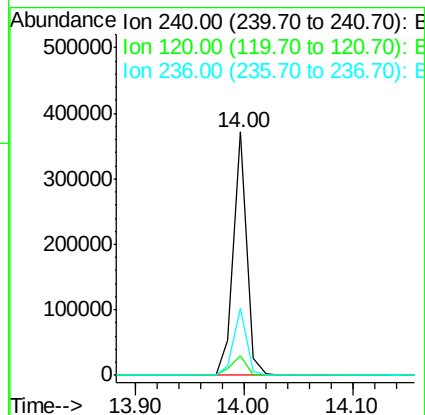
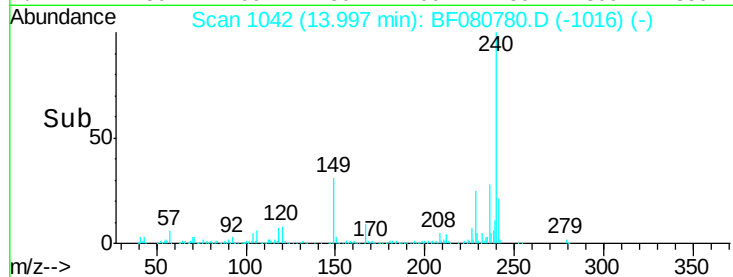
SSTDCCC040EC



Tgt Ion:	240	Resp:	314412
Ion Ratio	Lower	Upper	
240	100		
120	8.1	11.8	17.8#
236	27.7	21.8	32.8

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#76

Benzidine

Concen: 28.69 ng

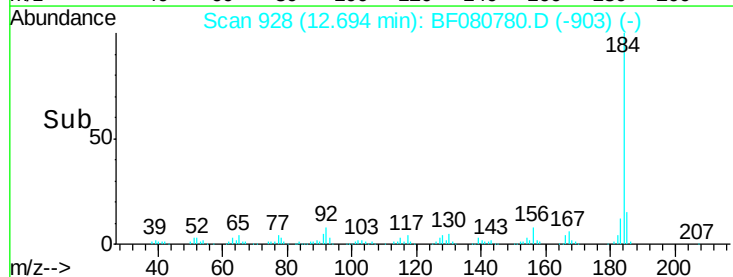
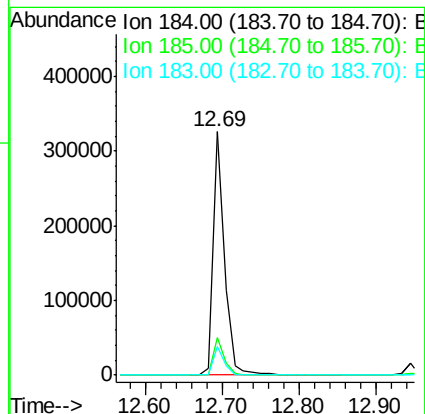
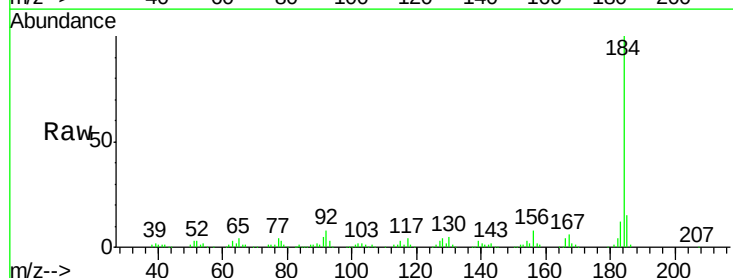
RT: 12.69 min Scan# 928

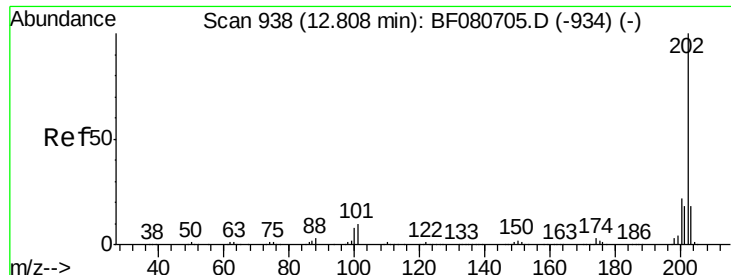
Delta R.T. -0.01 min

Lab File: BF080780.D

Acq: 1 Aug 2015 14:52

Tgt Ion:	184	Resp:	328448
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.0	18.0
183	11.7	9.1	13.7





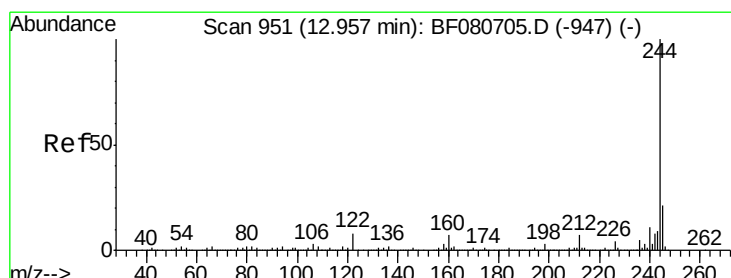
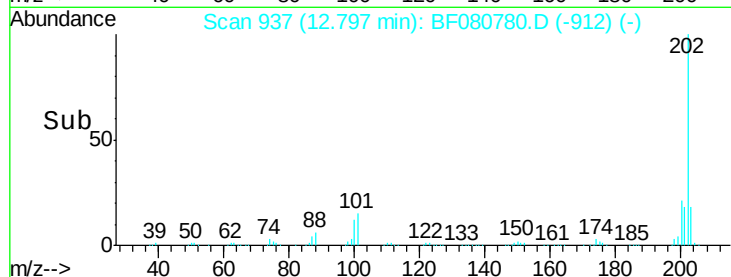
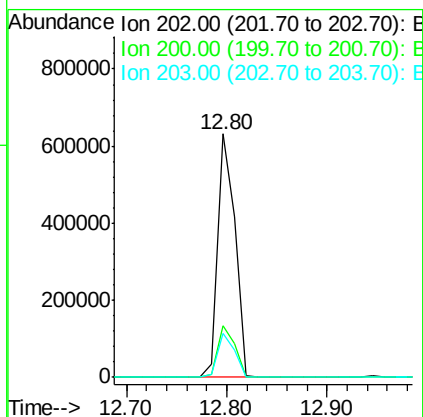
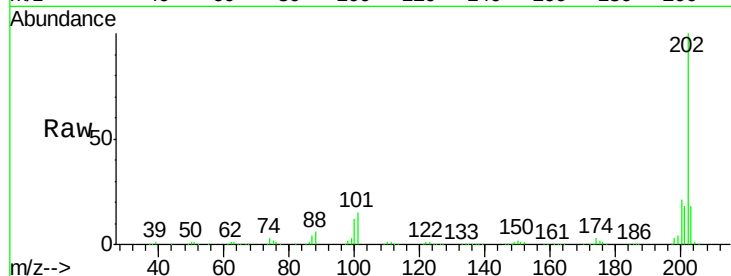
#77
Pyrene
 Concen: 30.76 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.4	17.4	26.2
203	18.1	14.2	21.2

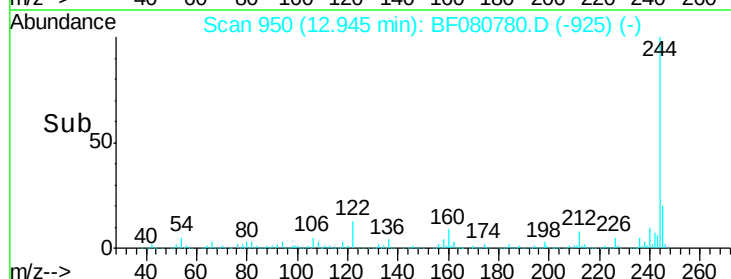
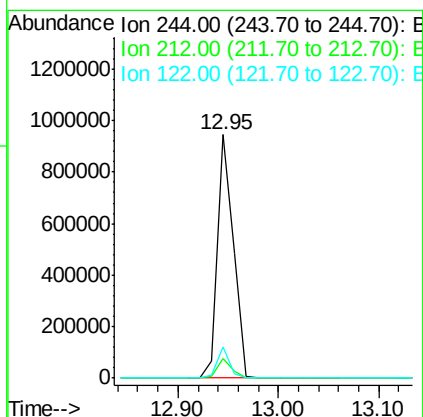
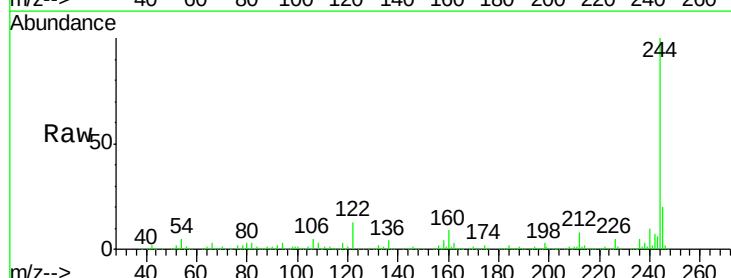
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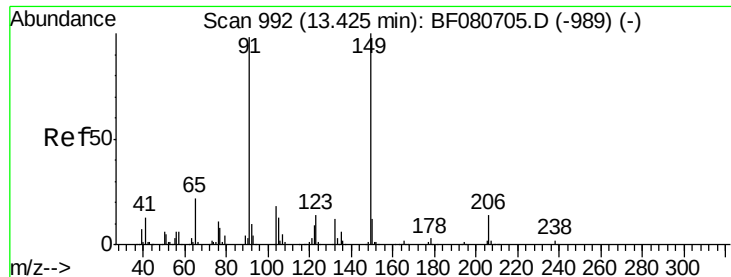
MMDadoda
 8/3/2015 3:41:03 PM



#78
Terphenyl-d14
 Concen: 62.21 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.3	5.9	8.9
122	12.9	6.6	9.8#





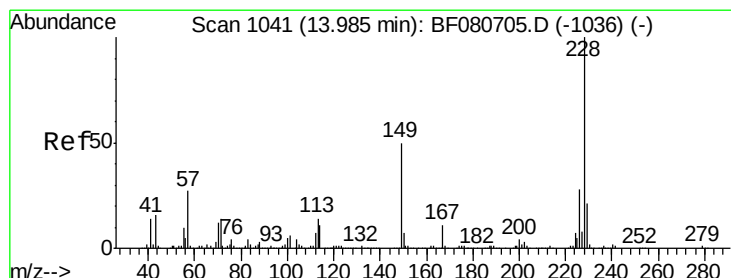
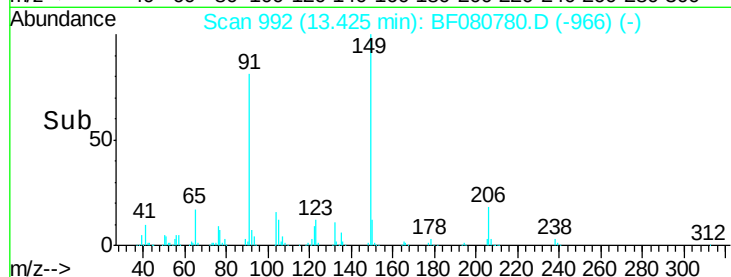
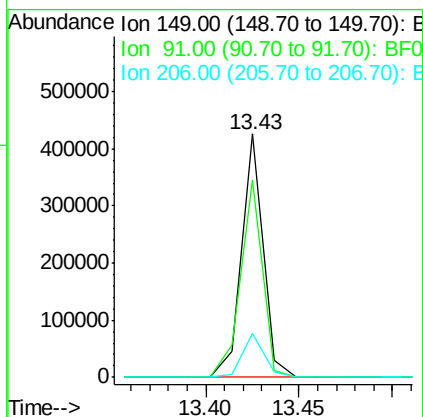
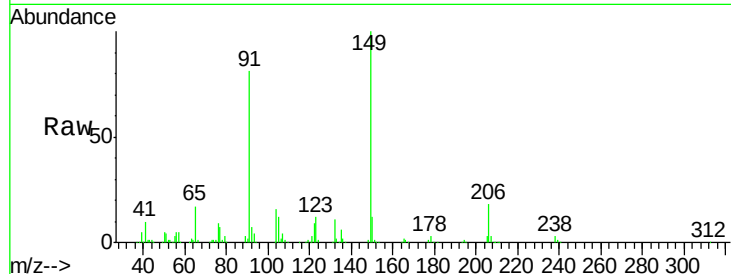
#79
Butylbenzylphthalate
Concen: 34.48 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	344726		
91	81.3	78.6	118.0	
206	18.1	11.4	17.2#	

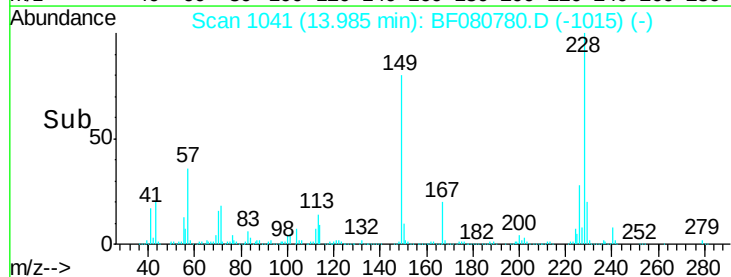
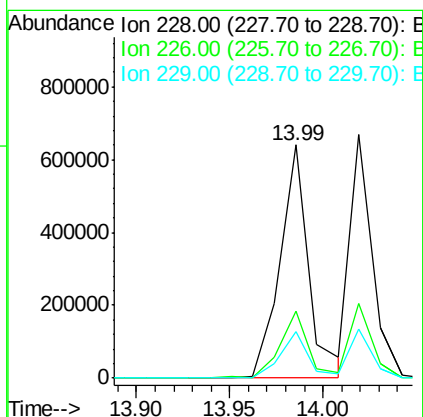
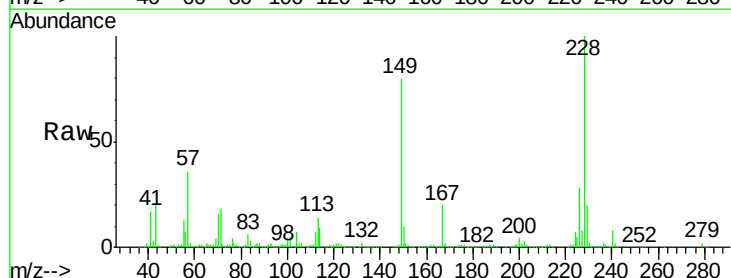
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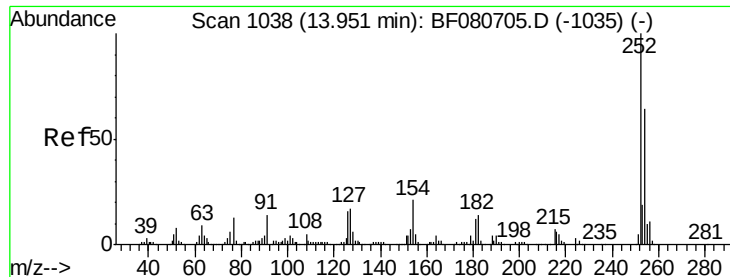
MMDadoda
8/3/2015 3:41:03 PM



#80
Benzo(a)anthracene
Concen: 36.30 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	686304		
226	28.5	22.6	33.8	
229	19.8	16.6	25.0	





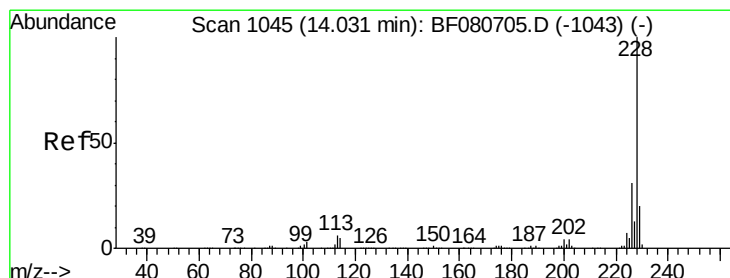
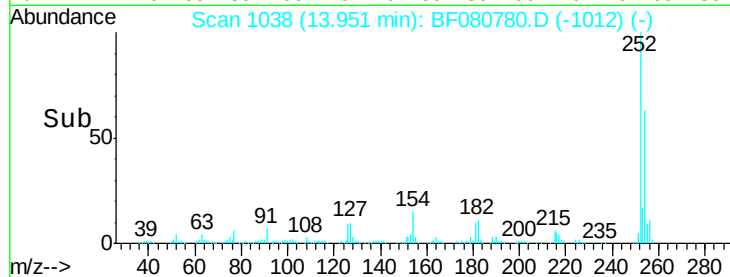
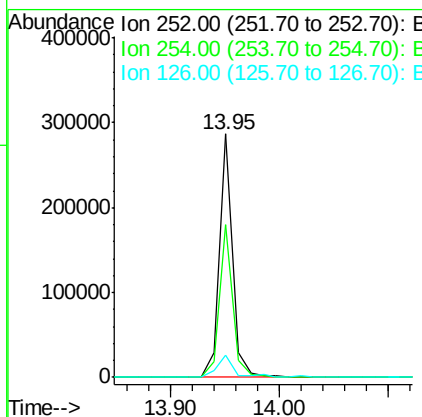
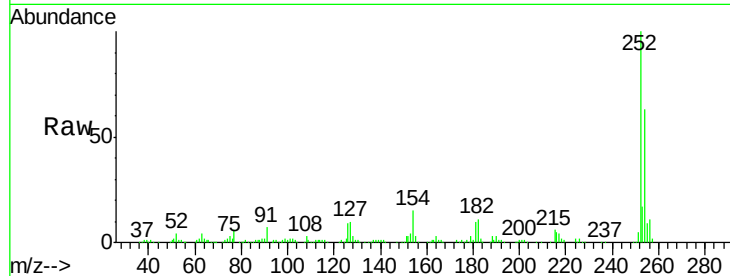
#81
 3,3'-Dichlorobenzidine
 Concen: 37.76 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	243694		
254	62.9	51.0	76.4	
126	9.4	13.2	19.8	

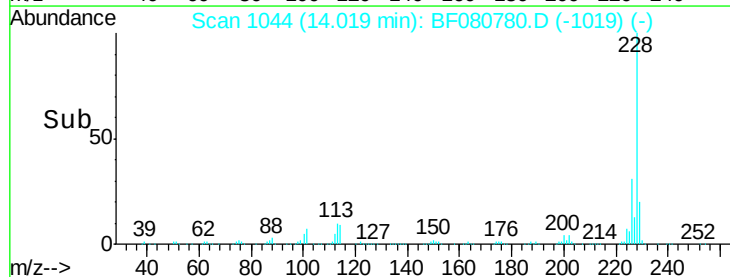
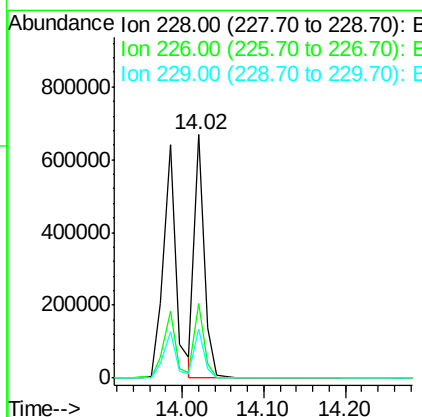
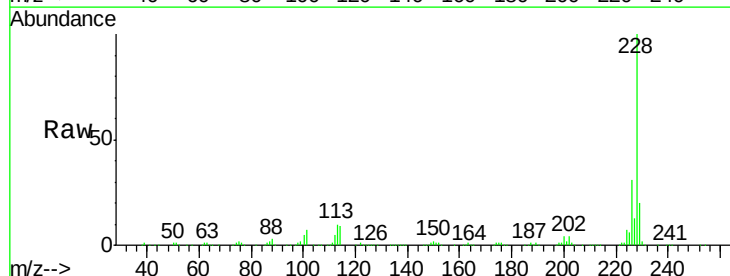
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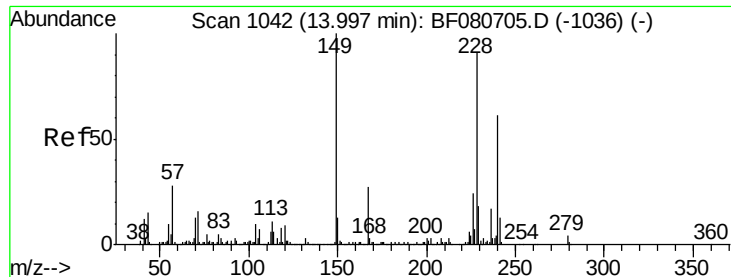
MMDadoda
 8/3/2015 3:41:03 PM



#82
 Chrysene
 Concen: 31.07 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	570209		
226	30.8	25.1	37.7	
229	20.2	15.8	23.8	





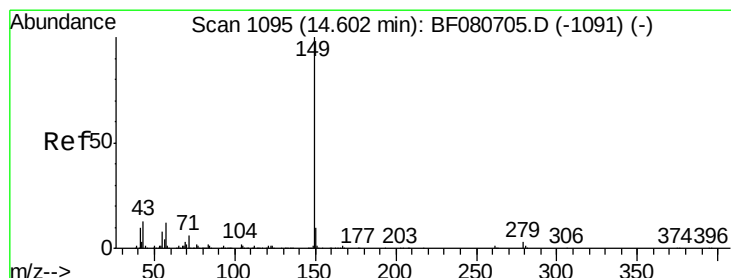
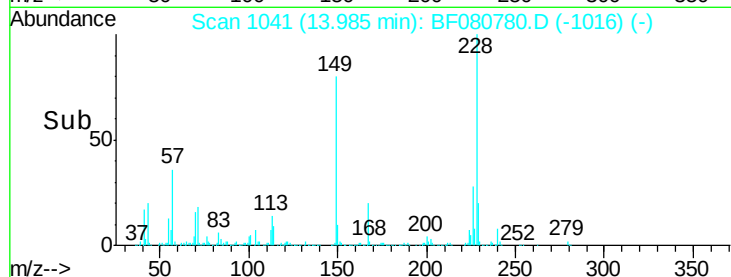
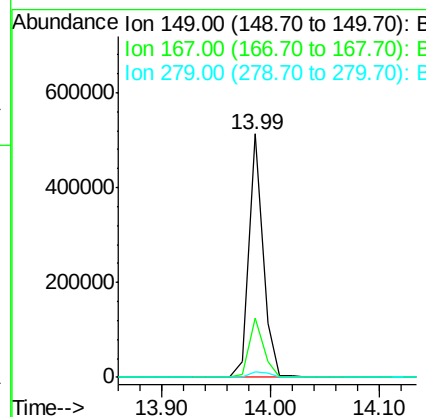
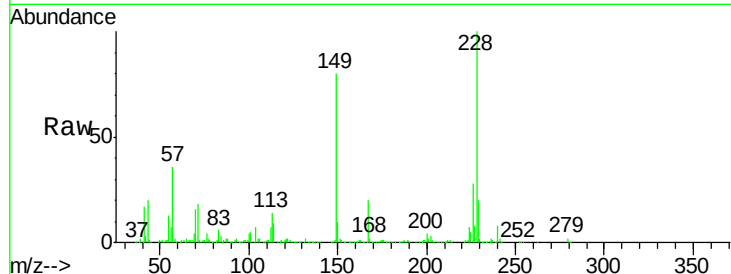
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.75 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	458285		
167	24.5	21.8	32.8	
279	2.4	3.4	5.0	

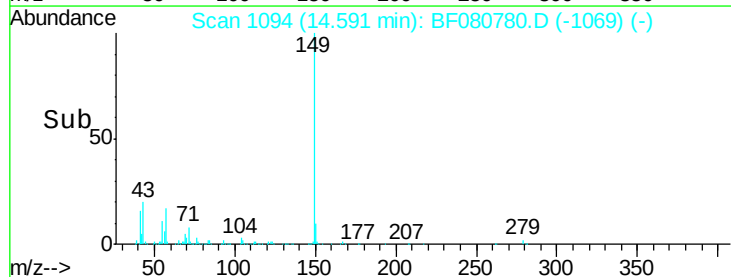
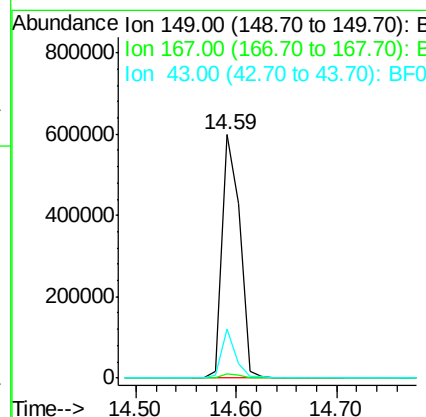
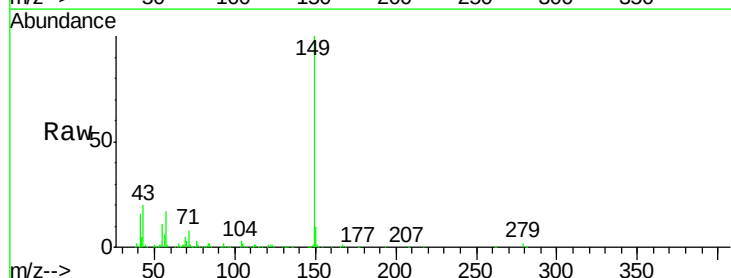
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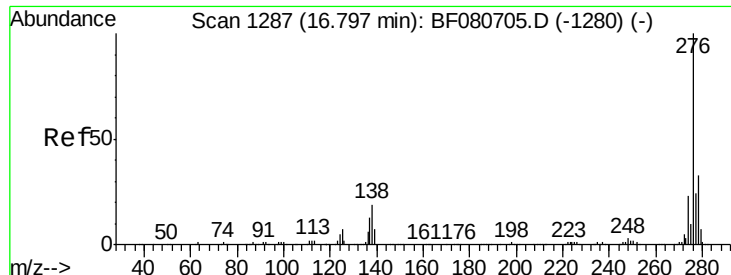
MMDadoda
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#84
 Di-n-octyl phthalate
 Concen: 36.00 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	732886		
167	1.5	1.1	1.7	
43	16.2	12.2	18.4	





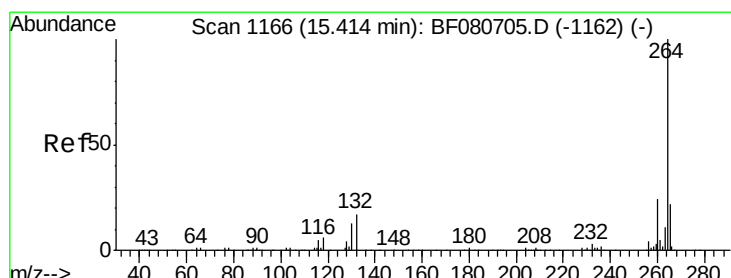
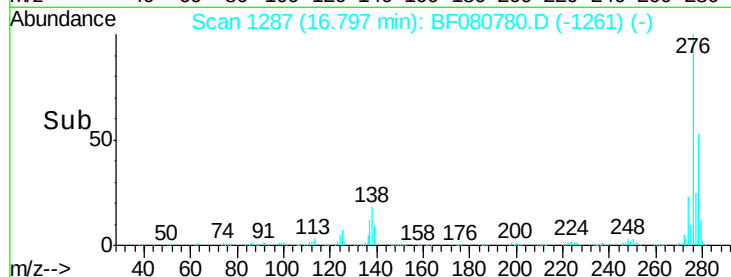
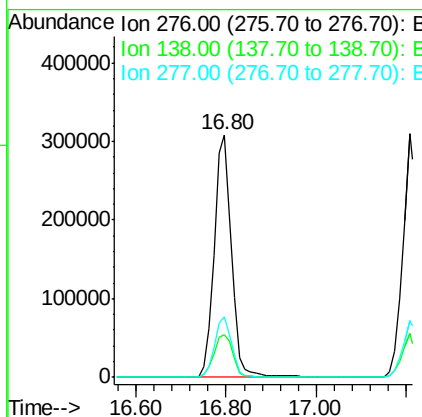
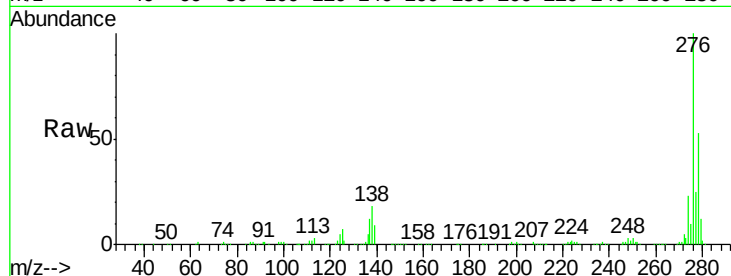
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.67 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	826869		
138	19.4	13.2	19.8	
277	25.1	15.4	23.2#	

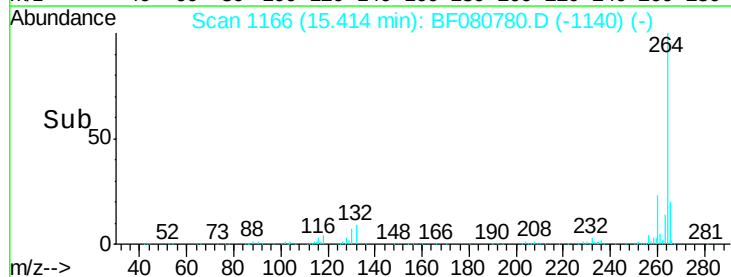
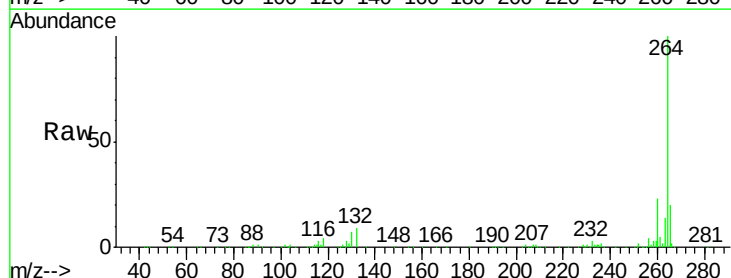
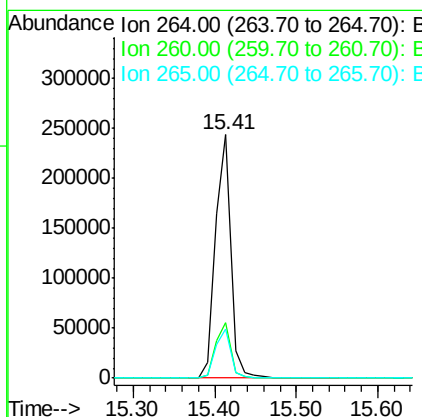
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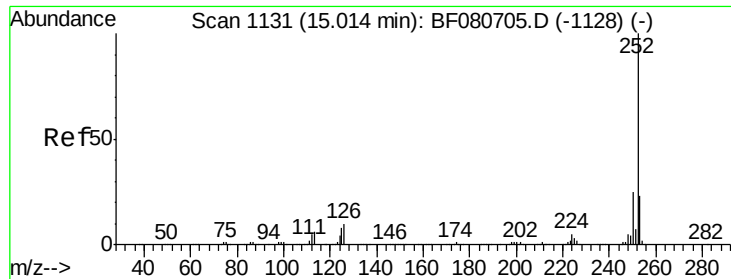
MMDadoda
 8/3/2015 3:41:03 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	318218		
260	22.7	19.4	29.0	
265	20.3	17.3	25.9	





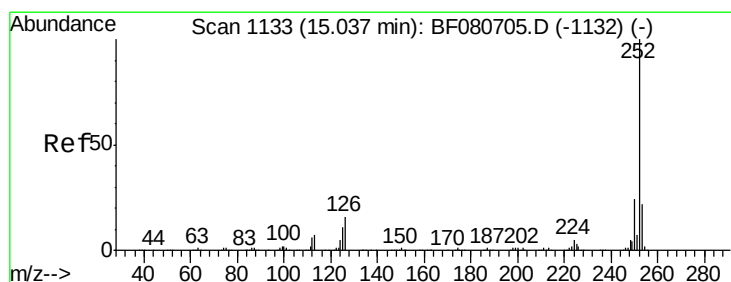
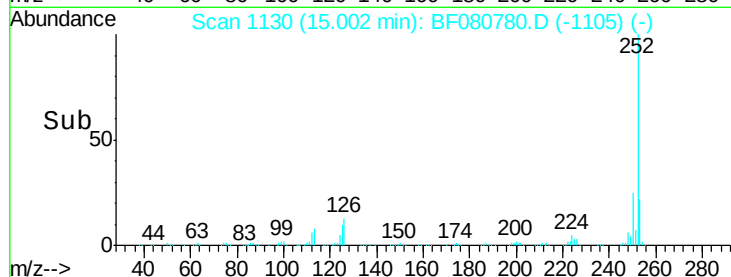
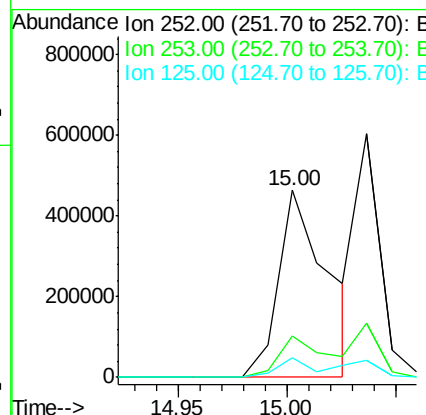
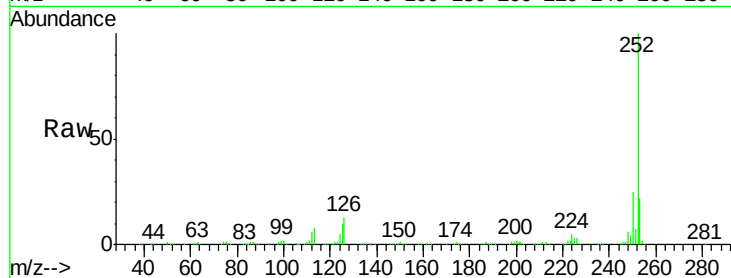
#87
Benzo(b)fluoranthene
Concen: 38.23 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.2	6.2	9.2

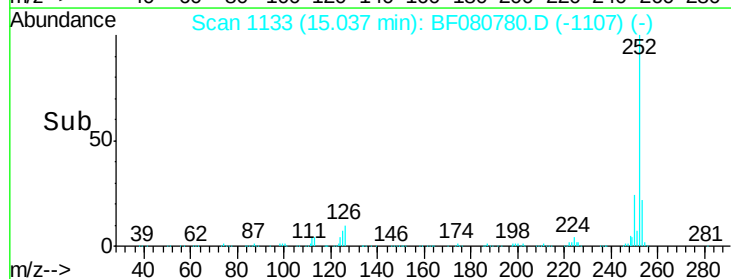
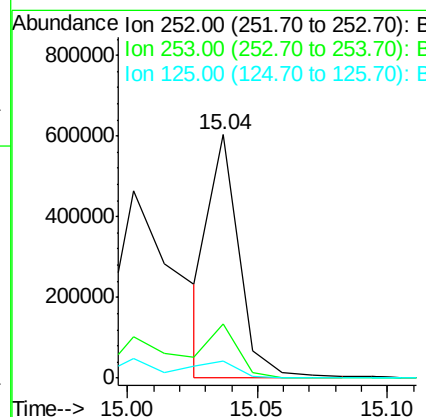
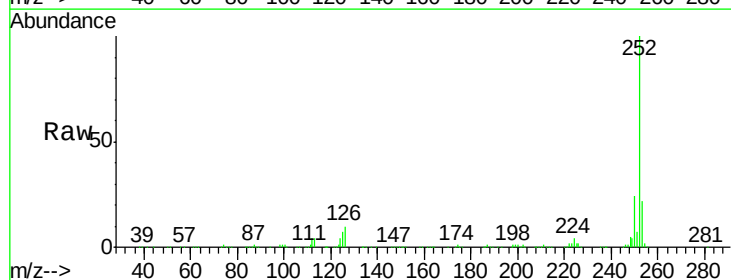
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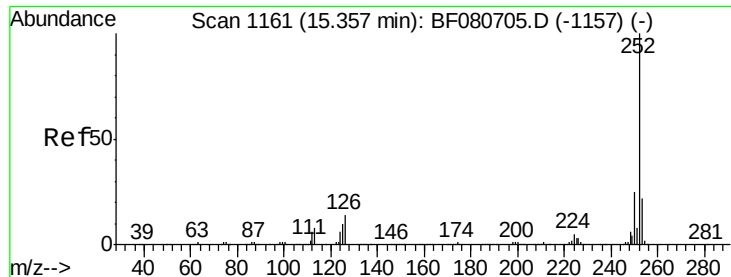
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8/3/2015 3:41:03 PM



#88
Benzo(k)fluoranthene
Concen: 30.45 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	7.2	9.0	13.4





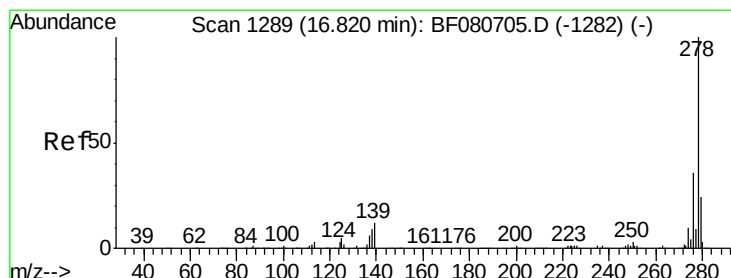
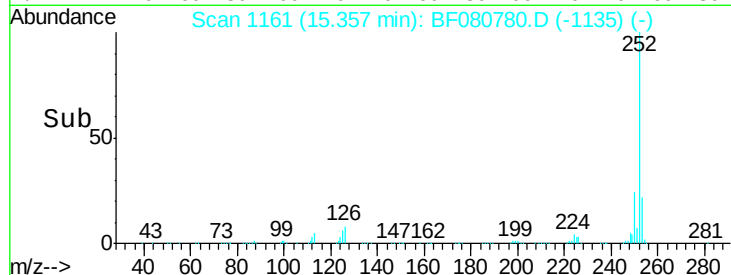
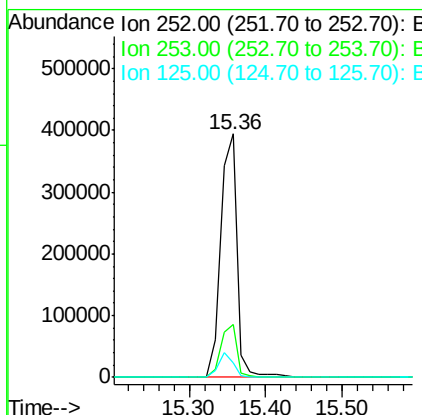
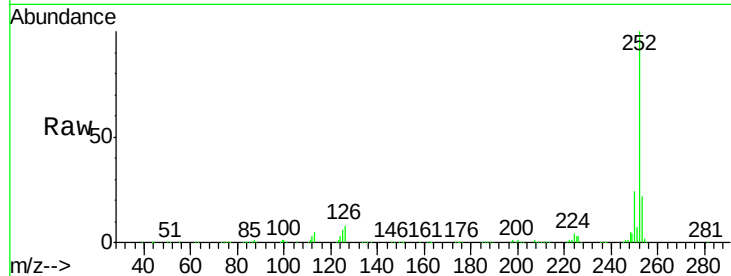
#89
Benzo(a)pyrene
Concen: 37.99 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.6	17.2	25.8
125	6.0	8.2	12.4

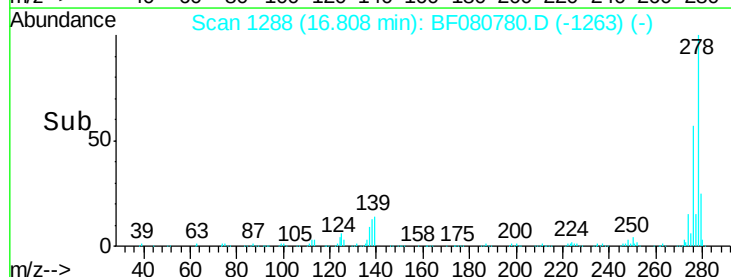
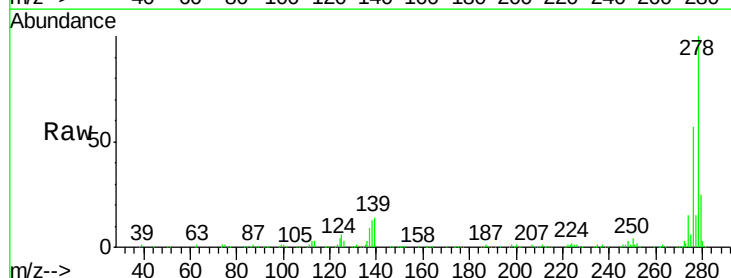
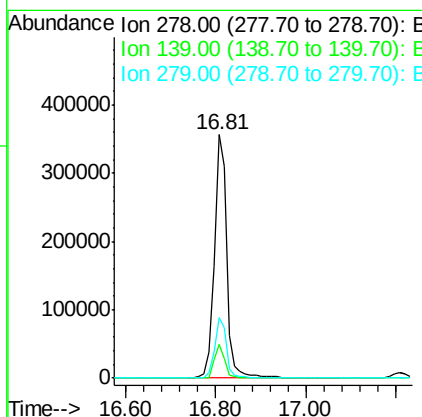
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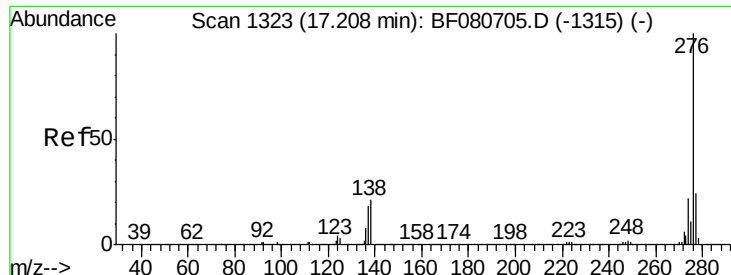
MMDadoda
8/3/2015 3:41:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.21 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080780.D
Acq: 1 Aug 2015 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	13.8	9.8	14.8
279	24.9	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 49.78 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF080780.D
 Acq: 1 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	276	Resp:	684251
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.9	28.3
138	17.9	16.9	25.3

Manual Integrations
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