

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082077.D
 Acq On : 6 Oct 2015 11:32
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mmdadoda
 10/7/2015 4:51:37 PM

Quant Time: Oct 07 02:00:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	96005	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	383630	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	198166	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	376242	20.00	ng	0.00
75) Chrysene-d12	14.07	240	355893	20.00	ng	0.01
86) Perylene-d12	15.51	264	320530	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	396442	74.96	ng	0.00
7) Phenol-d6	6.51	99	483625	72.67	ng	0.00
23) Nitrobenzene-d5	7.45	82	434025	75.42	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	138498	69.01	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	882532	72.41	ng	0.00
78) Terphenyl-d14	13.01	244	990884	92.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	90268	39.25	ng	# 82
3) Pyridine	3.20	79	233424	38.98	ng	# 84
4) n-Nitrosodimethylamine	3.15	42	93154	34.25	ng	97
6) Aniline	6.55	93	330402	36.95	ng	92
8) 2-Chlorophenol	6.66	128	217225	37.20	ng	85
9) Benzaldehyde	6.43	77	141756	32.53	ng	# 87
10) Phenol	6.54	94	261945	35.09	ng	# 46
11) bis(2-Chloroethyl)ether	6.62	93	216961	37.48	ng	96
12) 1,3-Dichlorobenzene	6.82	146	272008	39.43	ng	# 95
13) 1,4-Dichlorobenzene	6.90	146	279240	38.77	ng	# 95
14) 1,2-Dichlorobenzene	7.05	146	233679m	36.41	ng	
15) Benzyl Alcohol	7.03	79	176515	36.74	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	310536	37.94	ng	83
17) 2-Methylphenol	7.14	107	182176	38.47	ng	# 85
18) Hexachloroethane	7.39	117	91925	40.76	ng	# 83
19) n-Nitroso-di-n-propylamine	7.30	70	160729	39.74	ng	# 76
20) 3+4-Methylphenols	7.30	107	219366	36.68	ng	# 52
22) Acetophenone	7.30	105	310400	39.57	ng	# 82
24) Nitrobenzene	7.47	77	250198	40.04	ng	# 71
25) Isophorone	7.71	82	445937	39.09	ng	# 91
26) 2-Nitrophenol	7.79	139	126505	42.17	ng	# 88
27) 2,4-Dimethylphenol	7.83	122	212126	40.20	ng	# 83
28) bis(2-Chloroethoxy)methane	7.92	93	242226	35.76	ng	# 93
29) 2,4-Dichlorophenol	8.03	162	207280	40.51	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	229131	40.11	ng	98
31) Naphthalene	8.19	128	633918	37.29	ng	97
32) Benzoic acid	7.94	122	114239	38.00	ng	# 67
33) 4-Chloroaniline	8.25	127	286462	38.97	ng	# 97
34) Hexachlorobutadiene	8.31	225	141415	41.86	ng	99
35) Caprolactam	8.63	113	62786	44.32	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	211987	42.37	ng	86
37) 2-Methylnaphthalene	8.89	142	439728	37.90	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	230518	37.89	ng	98
40) Hexachlorocyclopentadiene	9.04	237	97308	31.06	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082077.D
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 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC0040

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	156308	37.48	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	160514	37.42	nq	# 91
45) 1,1'-Biphenyl	9.35	154	535883	35.05	nq	94
46) 2-Chloronaphthalene	9.38	162	432331	36.02	nq	96
47) 2-Nitroaniline	9.47	65	128267	36.40	nq	# 73
48) Acenaphthylene	9.79	152	738004	38.41	nq	96
49) Dimethylphthalate	9.66	163	552867	40.42	nq	# 98
50) 2,6-Dinitrotoluene	9.71	165	111359	37.50	nq	# 46
51) Acenaphthene	9.97	154	456957	40.05	nq	90
52) 3-Nitroaniline	9.90	138	135319	39.38	nq	95
53) 2,4-Dinitrophenol	10.00	184	52140	49.15	nq	# 86
54) Dibenzofuran	10.14	168	609145	37.78	nq	# 90
55) 4-Nitrophenol	10.06	139	86102	34.68	nq	# 77
56) 2,4-Dinitrotoluene	10.13	165	165064	43.60	nq	# 99
57) Fluorene	10.48	166	503526	43.60	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.25	232	133821	39.33	nq	95
59) Diethylphthalate	10.35	149	538951	42.18	nq	97
60) 4-Chlorophenyl-phenylether	10.47	204	213210	36.12	nq	# 83
61) 4-Nitroaniline	10.51	138	139624	40.53	nq	# 66
62) Azobenzene	10.63	77	471604	37.82	nq	90
64) 4,6-Dinitro-2-methylphenol	10.54	198	82075	48.06	nq	# 57
65) n-Nitrosodiphenylamine	10.59	169	459161	40.34	nq	91
66) 4-Bromophenyl-phenylether	10.96	248	147659	38.92	nq	95
67) Hexachlorobenzene	11.03	284	162937	38.06	nq	# 77
68) Atrazine	11.12	200	136648	38.69	nq	83
69) Pentachlorophenol	11.22	266	93799	38.45	nq	99
70) Phenanthrene	11.44	178	683991	37.50	nq	96
71) Anthracene	11.50	178	805232	42.11	nq	98
72) Carbazole	11.66	167	707814	40.90	nq	97
73) Di-n-butylphthalate	11.98	149	809822	45.97	nq	# 98
74) Fluoranthene	12.63	202	739063	36.67	nq	92
76) Benzidine	12.76	184	437774	40.83	nq	97
77) Pyrene	12.86	202	765106	35.99	nq	96
79) Butylbenzylphthalate	13.48	149	336925	42.11	nq	# 86
80) Benzo(a)anthracene	14.06	228	744853	38.87	nq	96
81) 3,3'-Dichlorobenzidine	14.02	252	289355	44.71	nq	# 91
82) Chrysene	14.09	228	766609m	46.79	nq	
83) Bis(2-ethylhexyl)phthalate	14.04	149	483441	48.17	nq	# 94
84) Di-n-octyl phthalate	14.65	149	812063	49.72	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.95	276	623506	41.59	nq	# 87
87) Benzo(b)fluoranthene	15.10	252	749865	40.98	nq	# 84
88) Benzo(k)fluoranthene	15.12	252	609346m	36.33	nq	
89) Benzo(a)pyrene	15.45	252	629114	39.63	nq	# 86
90) Dibenzo(a,h)anthracene	16.97	278	511532	38.41	nq	# 79
91) Benzo(g,h,i)perylene	17.38	276	487417	35.71	nq	# 78

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

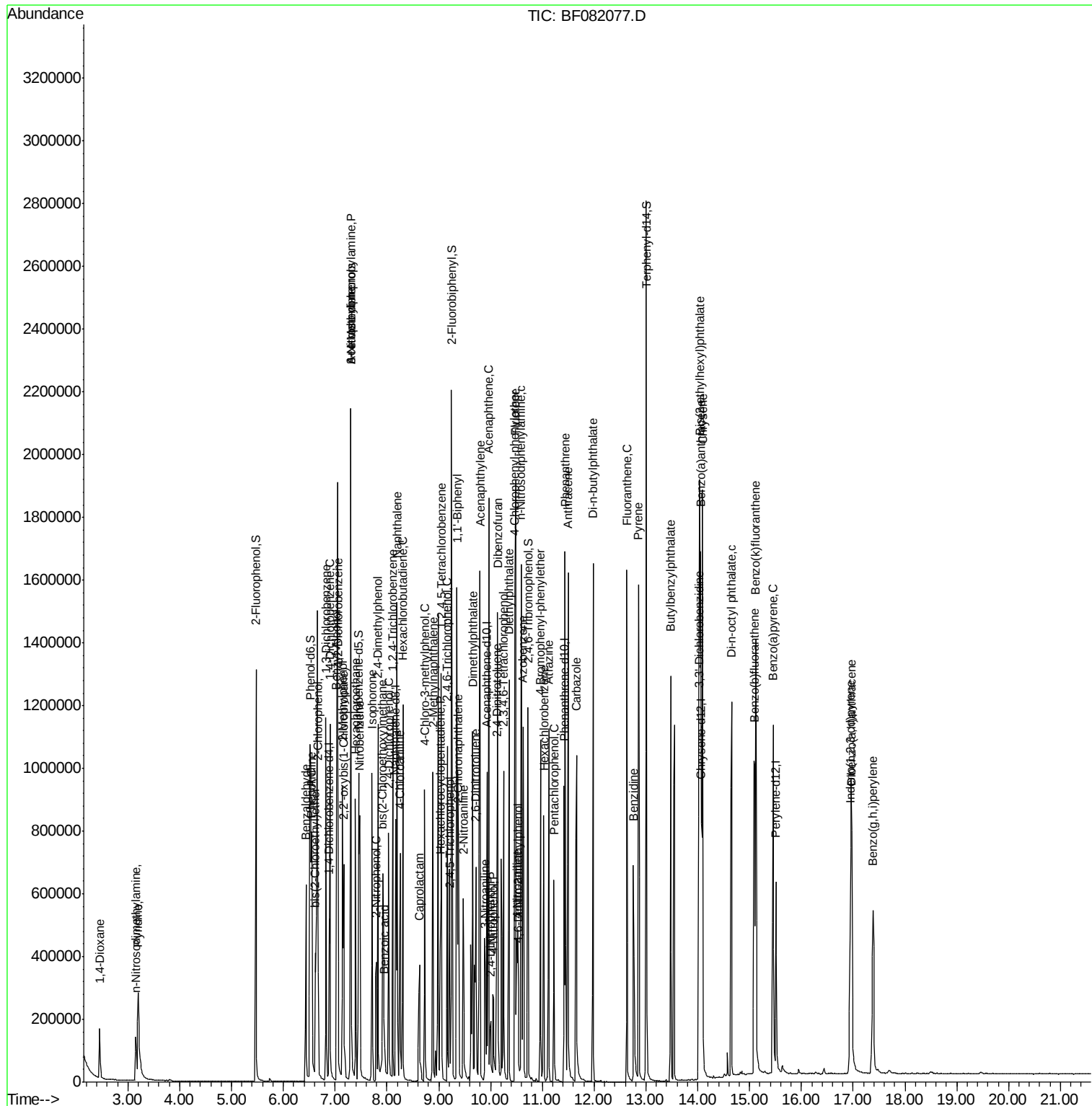
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082077.D
Acq On : 6 Oct 2015 11:32
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

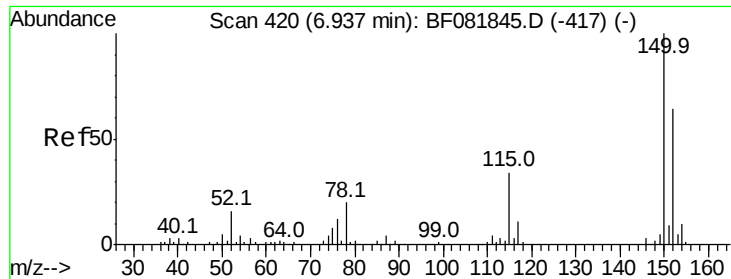
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 96005

Ion Ratio Lower Upper

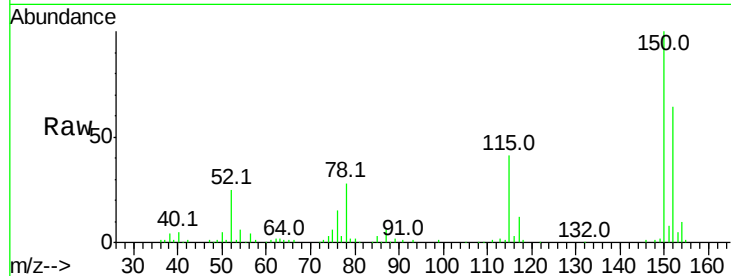
152 100

150 157.3 124.7 187.1

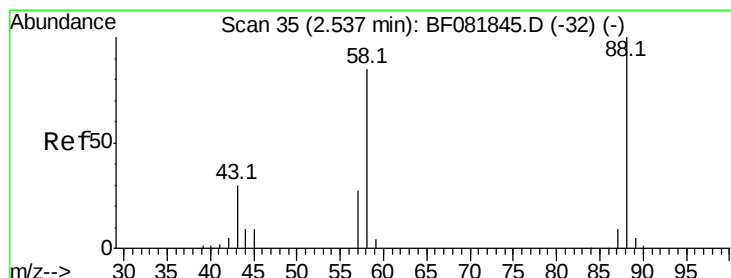
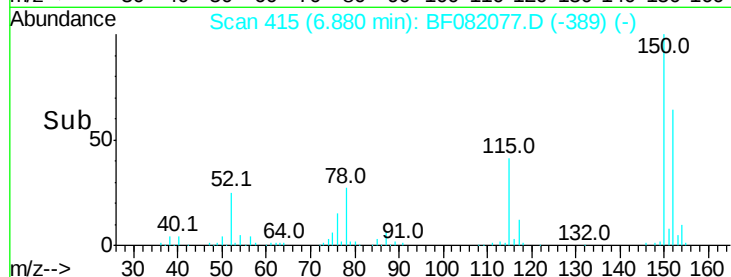
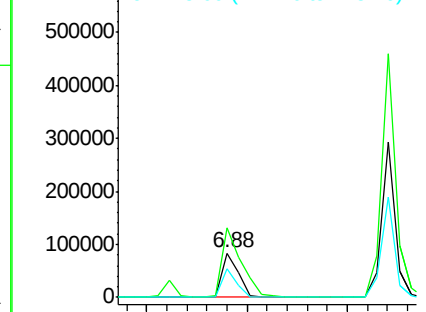
115 64.6 39.0 58.4#

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: 39.25 ng

RT: 2.46 min Scan# 28

Delta R.T. -0.05 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

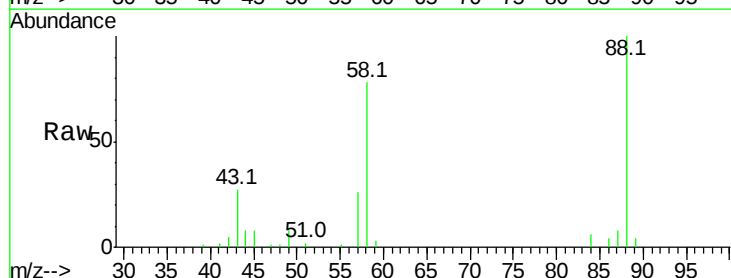
Tgt Ion: 88 Resp: 90268

Ion Ratio Lower Upper

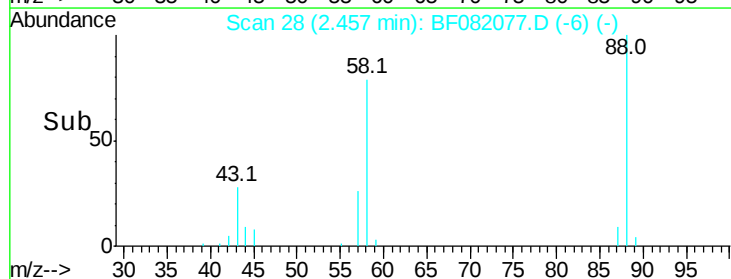
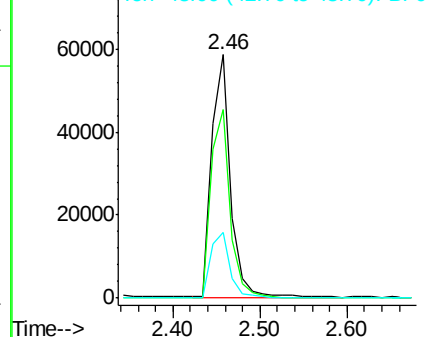
88 100

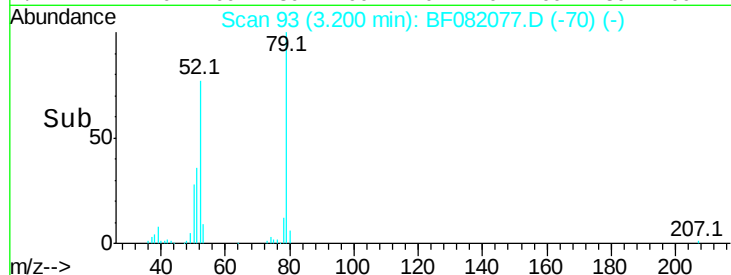
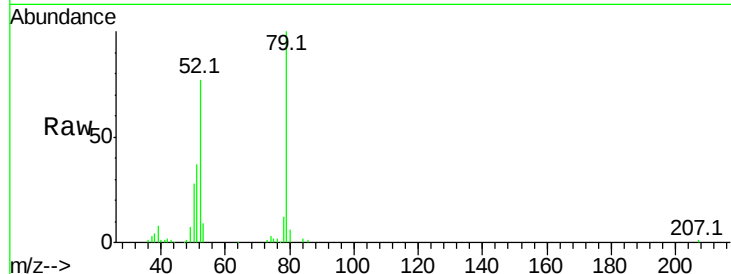
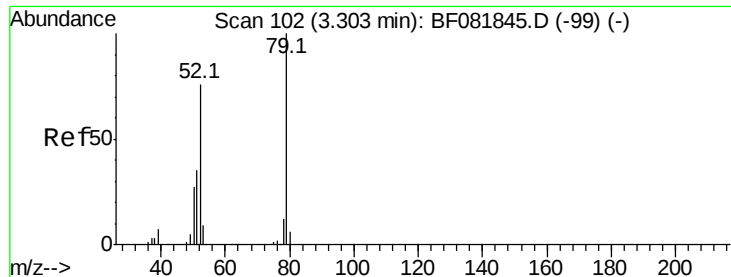
58 77.1 77.7 116.5#

43 27.2 26.6 40.0



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





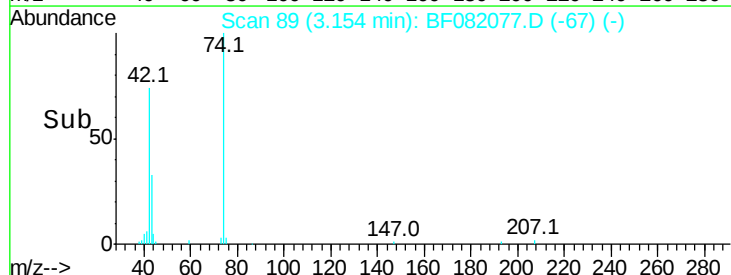
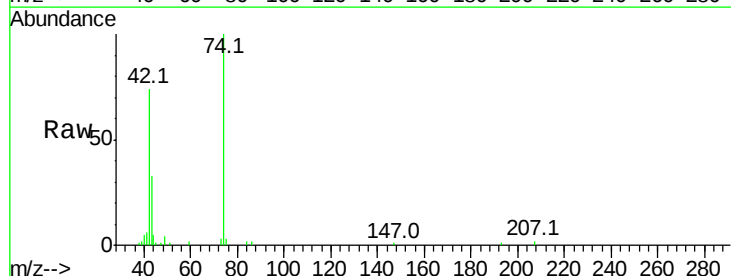
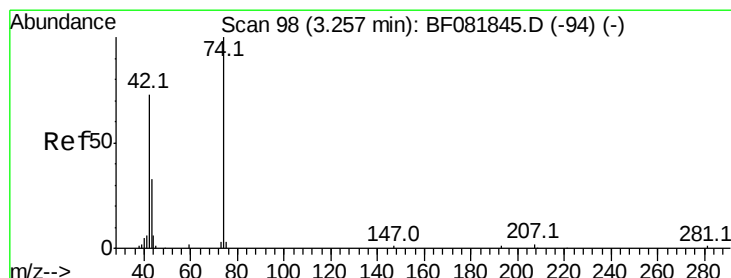
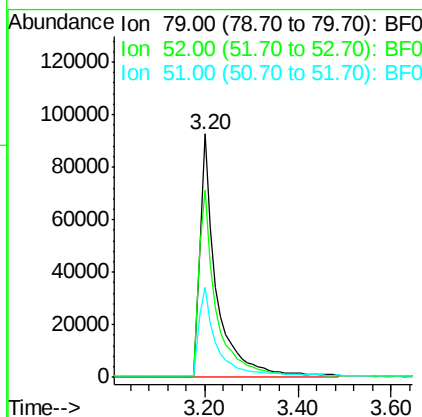
#3
Pvridine
Concen: 38.98 ng
RT: 3.20 min Scan# 93
Delta R.T. -0.03 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.7	76.8	115.2#
51	36.7	32.2	48.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

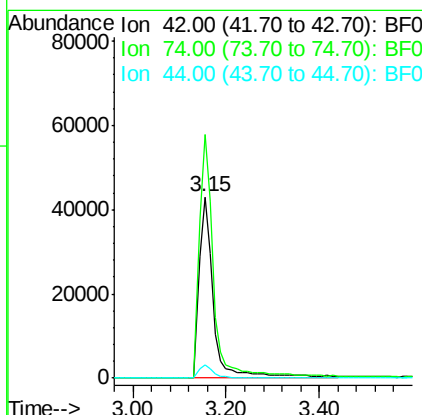
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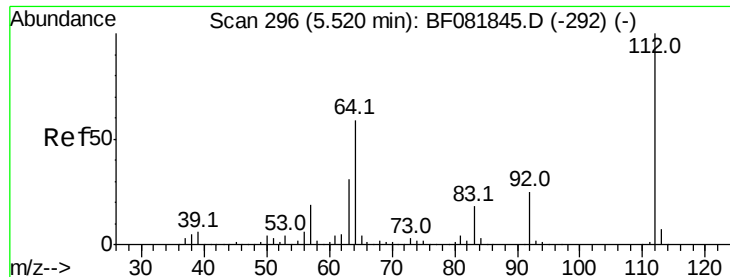
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#4
n-Nitrosodimethylamine
Concen: 34.25 ng
RT: 3.15 min Scan# 89
Delta R.T. -0.05 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.5	105.0	157.6
44	7.0	6.6	10.0





#5

2-Fluorophenol

Concen: 74.96 ng

RT: 5.47 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

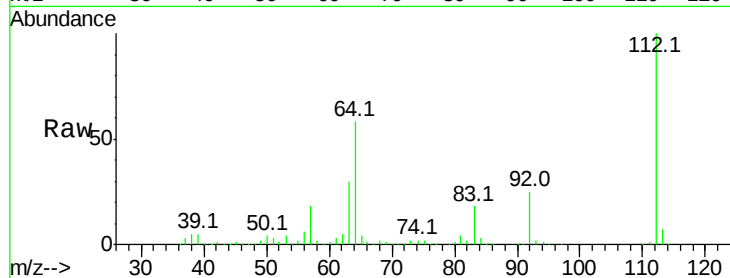
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	58.0	39.7	59.5
63	30.1	17.4	26.0

Manual Integrations
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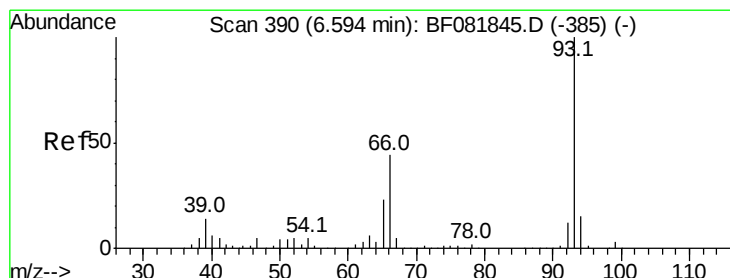
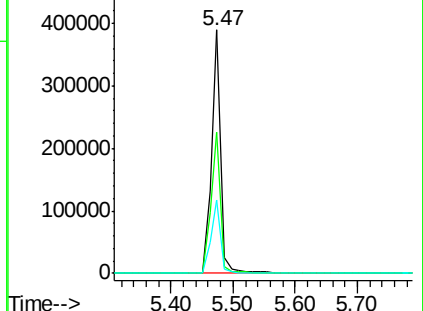
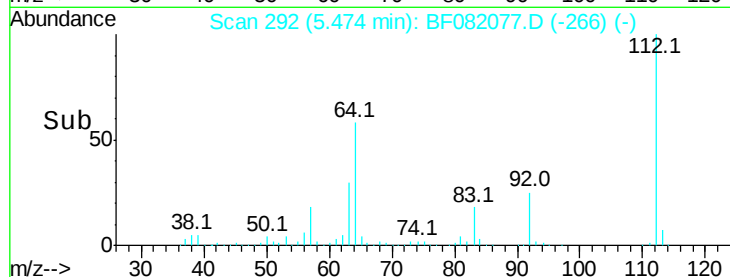
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.95 ng

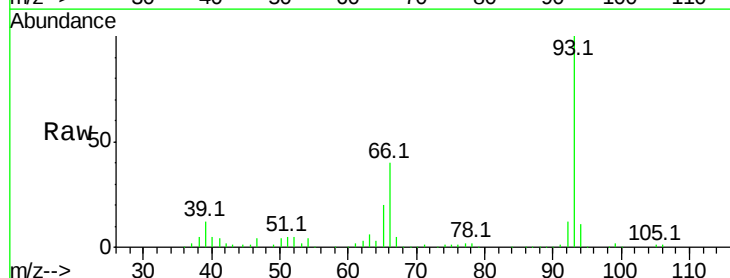
RT: 6.55 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

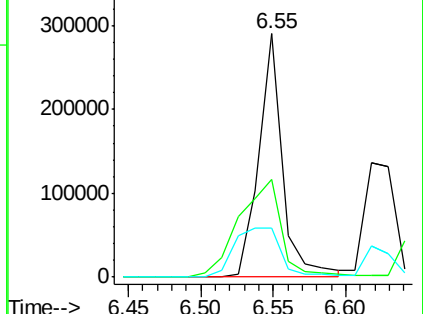
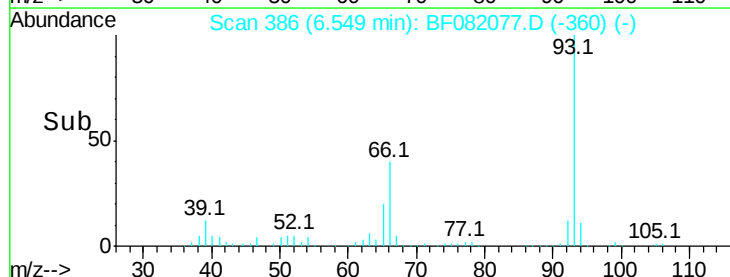
Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.0	27.2	40.8
65	20.2	14.7	22.1

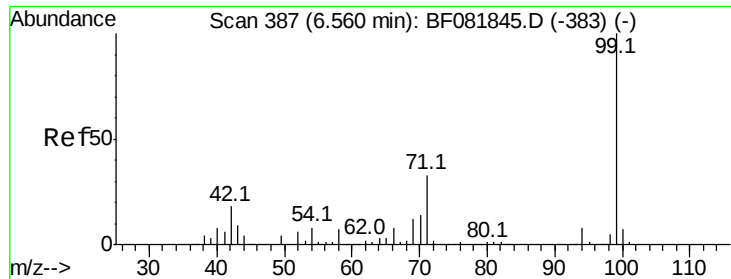


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.67 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

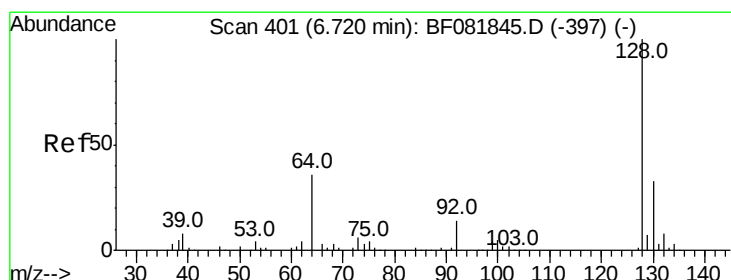
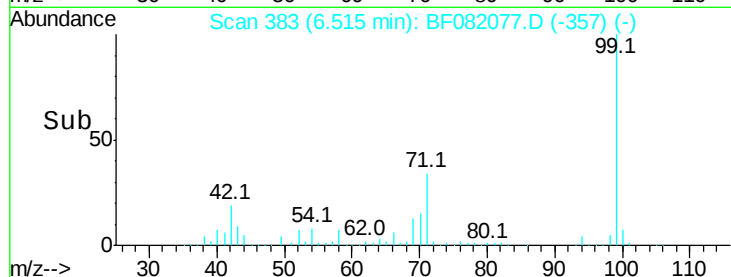
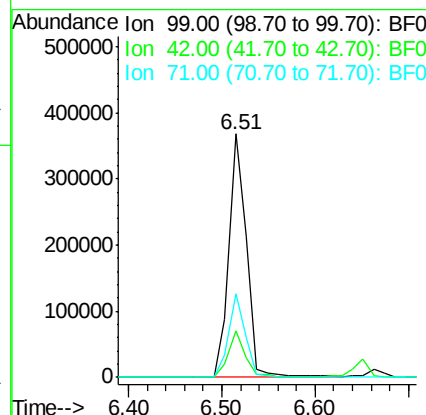
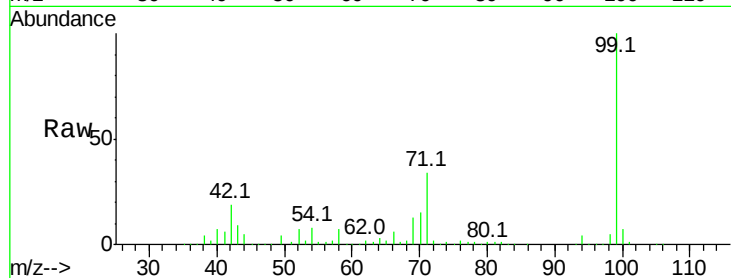
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	483625
Ion Ratio	Lower	Upper	
99	100		
42	18.9	13.7	20.5
71	34.1	14.2	21.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.20 ng

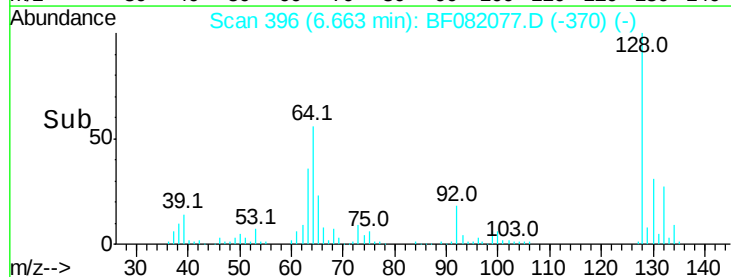
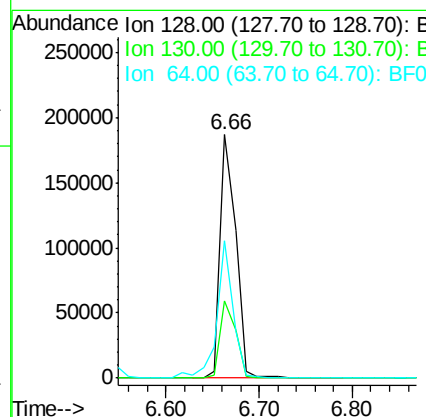
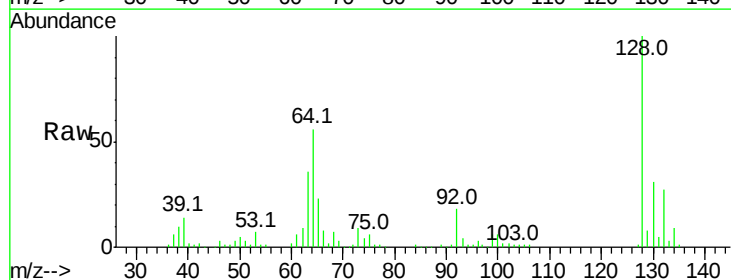
RT: 6.66 min Scan# 396

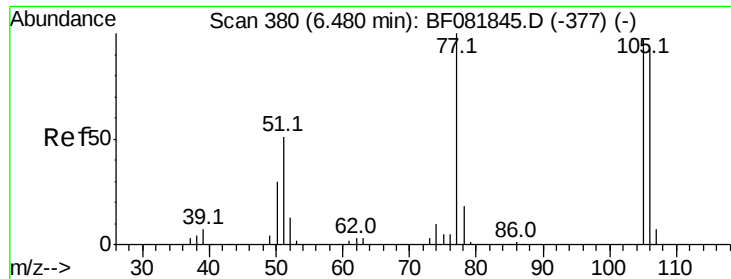
Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Tgt Ion:	128	Resp:	217225
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.2	52.2
64	56.3	20.5	60.5





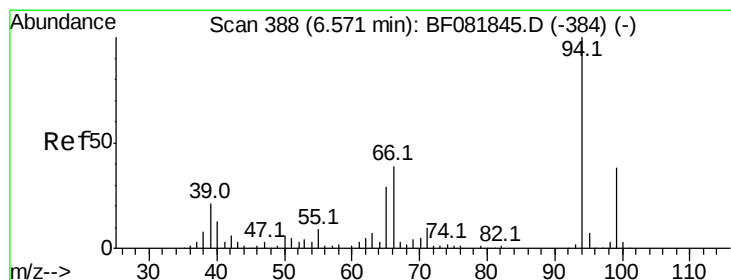
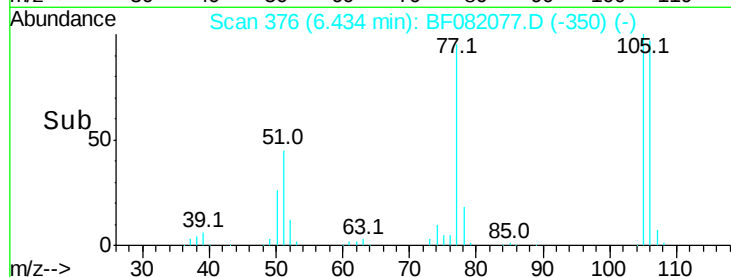
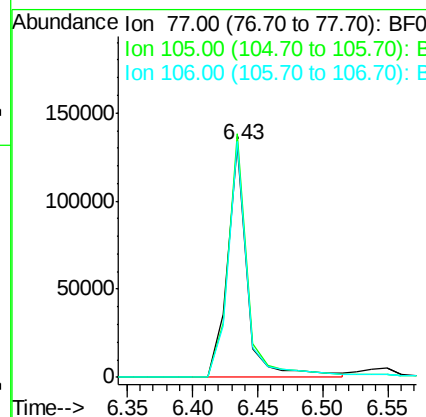
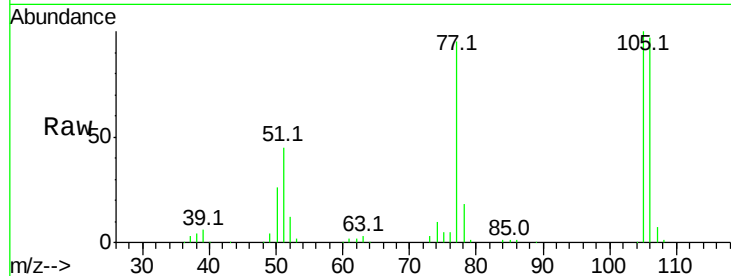
#9
Benzaldehyde
Concen: 32.53 ng
RT: 6.43 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.8	91.6	131.6
106	101.5	102.6	142.6

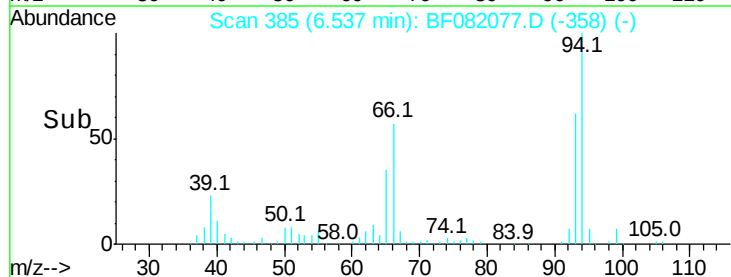
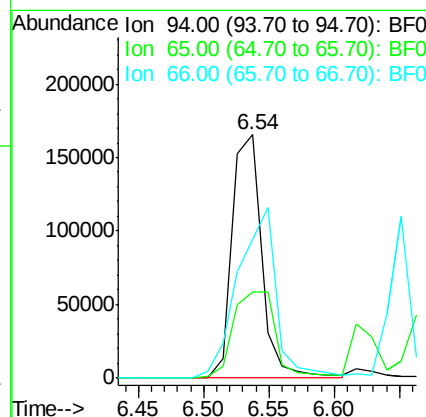
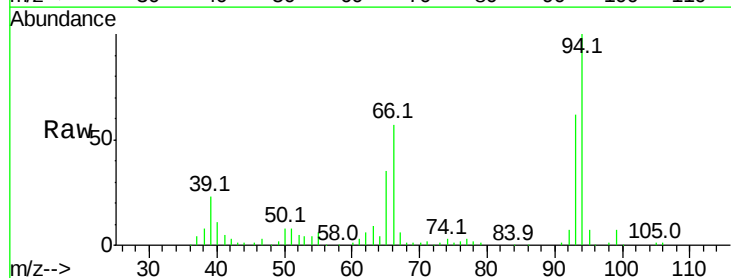
Manual Integrations
APPROVED

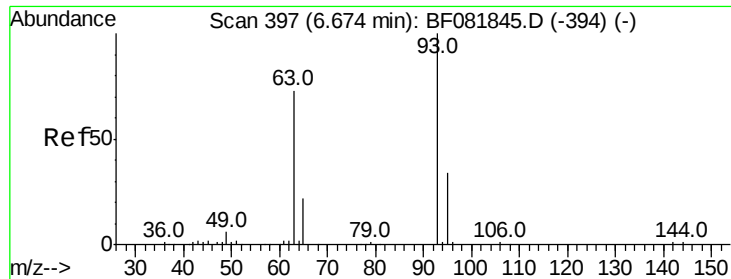
mmdadoda
10/7/2015 4:51:37 PM



#10
Phenol
Concen: 35.09 ng
RT: 6.54 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.4	0.7	40.7
66	56.8	0.8	40.8





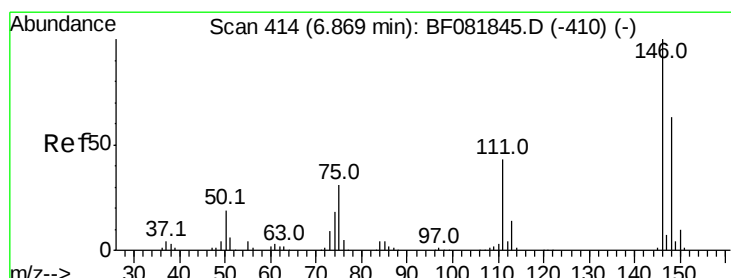
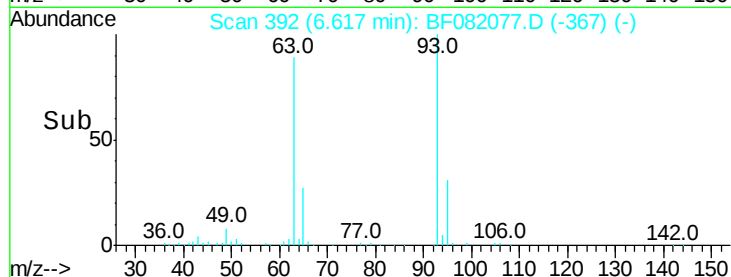
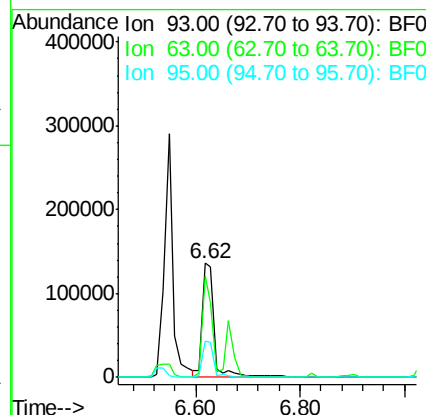
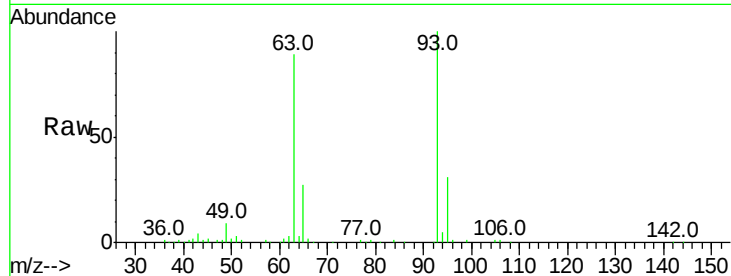
#11
bis(2-Chloroethyl)ether
Concen: 37.48 ng
RT: 6.62 min Scan# 392
Delta R.T. -0.01 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	216961		
63	89.3	65.6	105.6	
95	31.5	13.6	53.6	

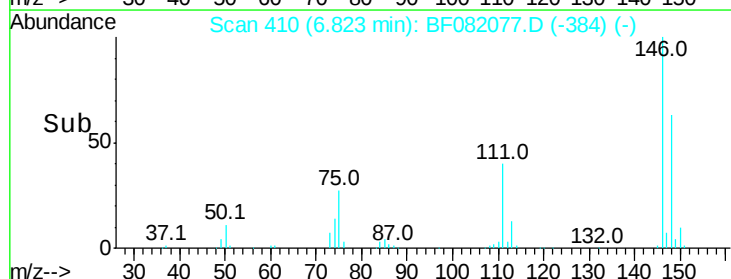
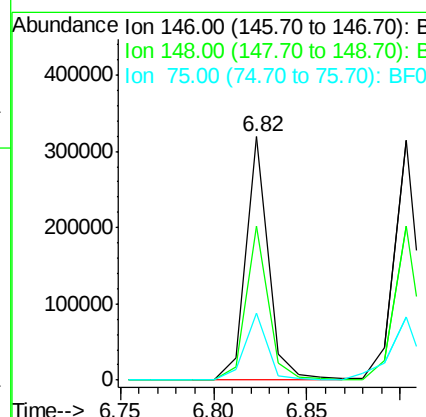
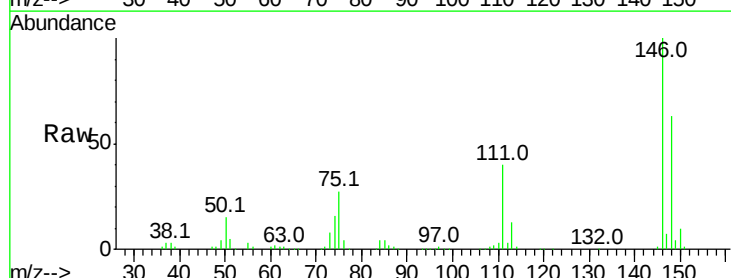
Manual Integrations
APPROVED

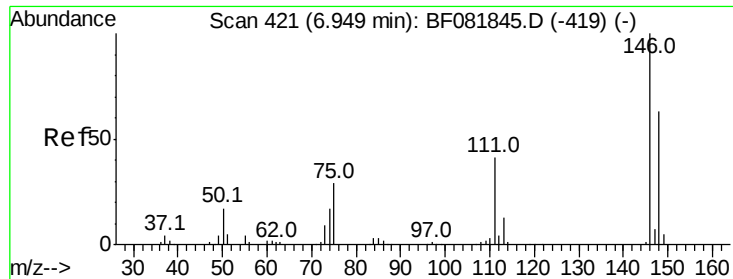
mmdadoda
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#12
1,3-Dichlorobenzene
Concen: 39.43 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	272008		
148	63.1	51.0	76.4	
75	27.4	15.0	22.6	





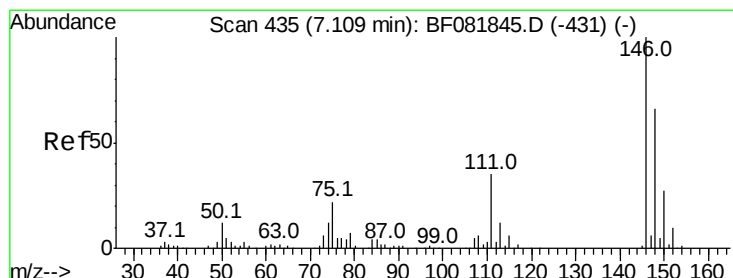
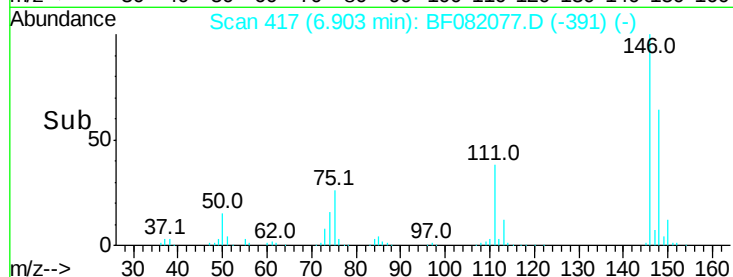
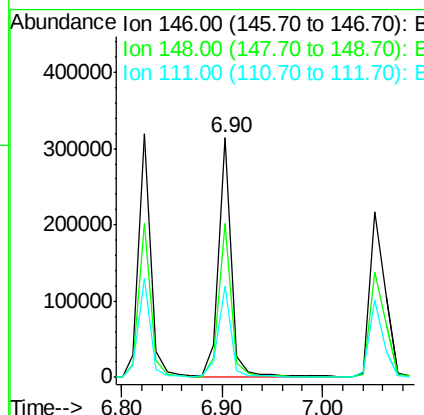
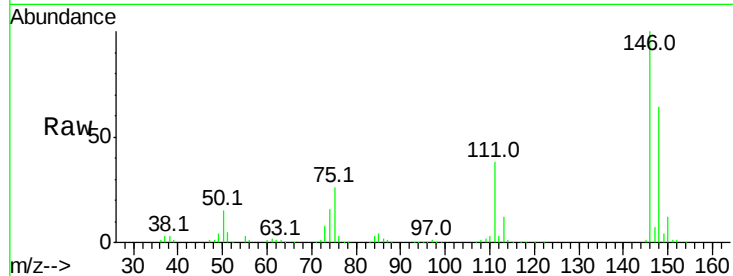
#13
 1,4-Dichlorobenzene
 Concen: 38.77 ng
 RT: 6.90 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	38.3	24.9	37.3#

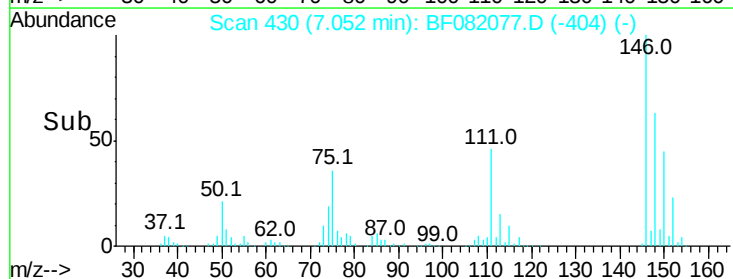
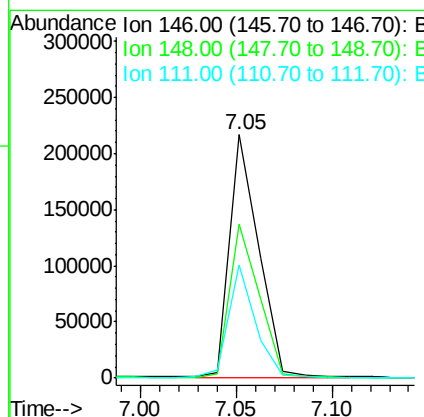
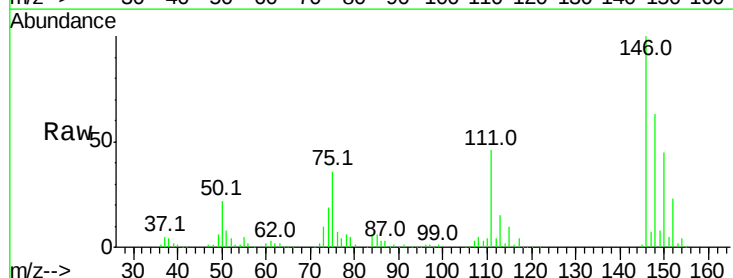
Manual Integrations
 APPROVED

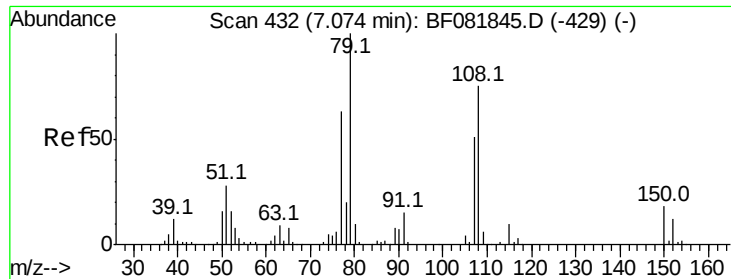
mmdadoda
 10/7/2015 4:51:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.41 ng m
 RT: 7.05 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.7	79.1
111	46.3	28.8	43.2#





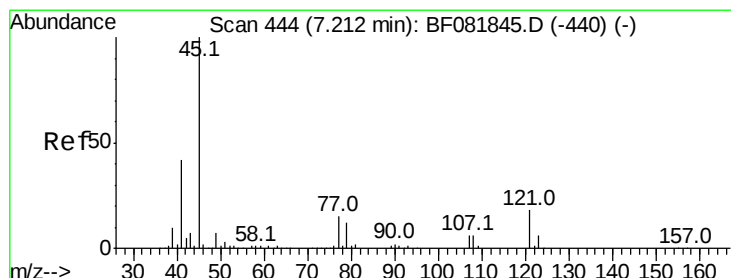
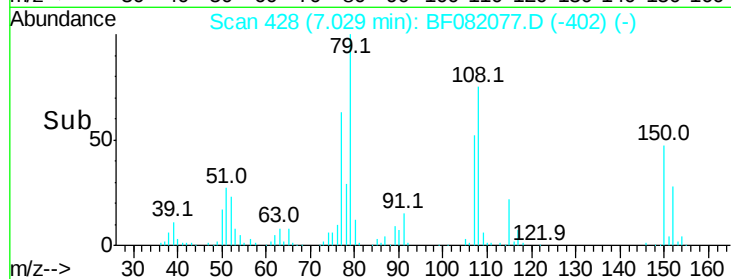
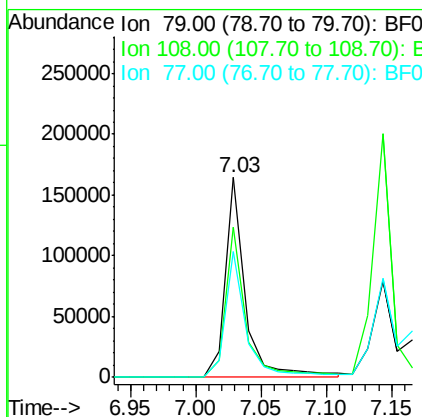
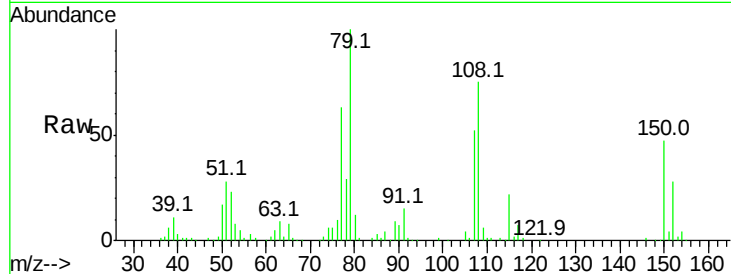
#15
Benzyl Alcohol
Concen: 36.74 ng
RT: 7.03 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100	176515		
108	75.1	88.6	132.8#	
77	63.0	47.0	70.4	

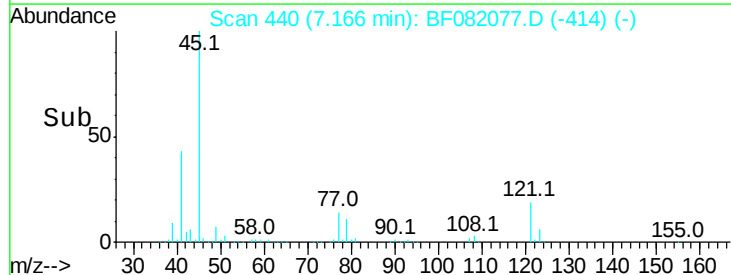
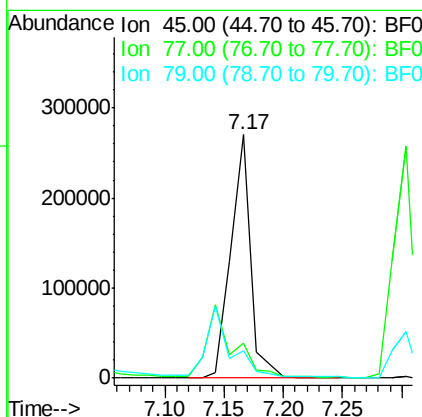
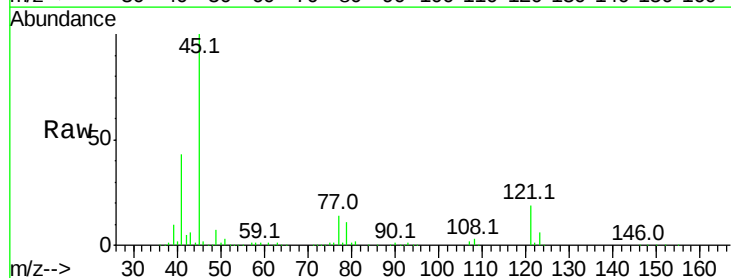
Manual Integrations
APPROVED

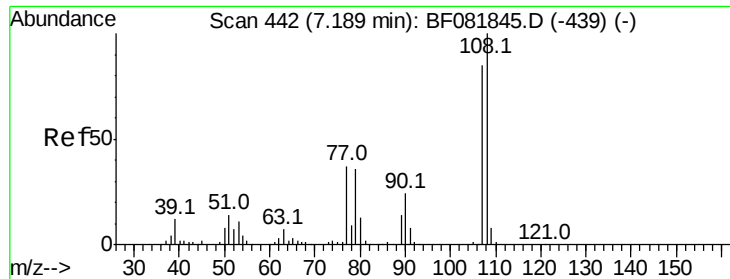
mmdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.94 ng
RT: 7.17 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	310536		
77	14.1	0.0	28.1	
79	11.4	0.0	26.0	





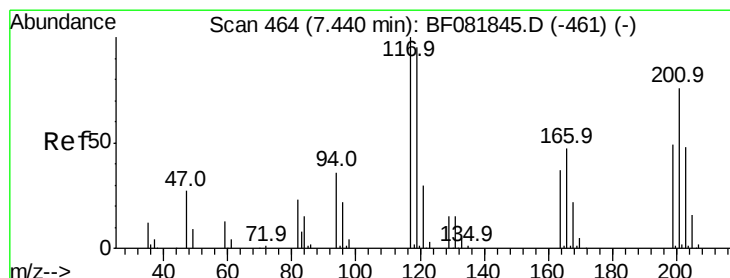
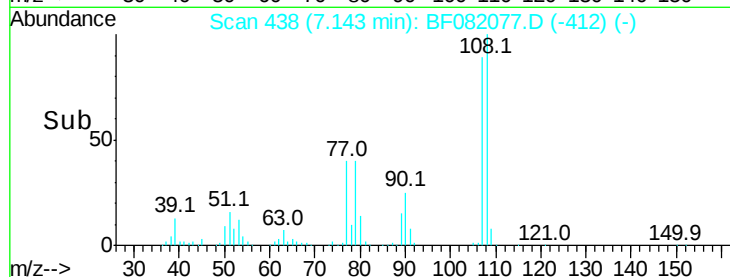
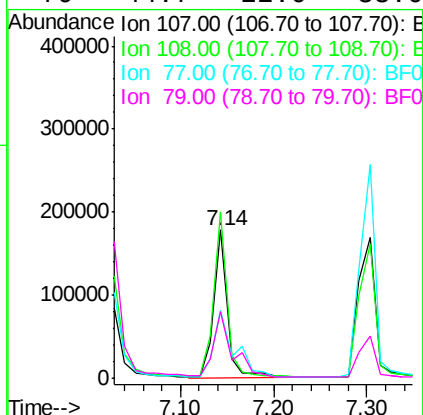
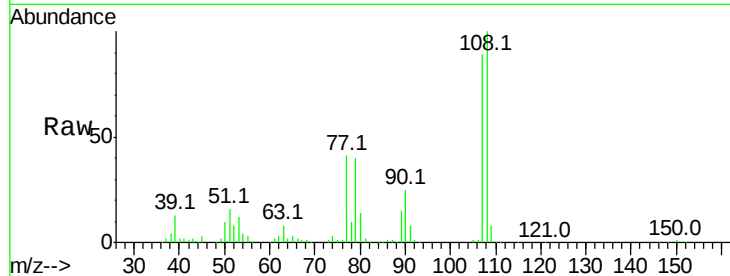
#17
2-Methylphenol
Concen: 38.47 ng
RT: 7.14 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	112.3	96.6	145.0
77	45.5	23.3	34.9#
79	44.7	22.0	33.0#

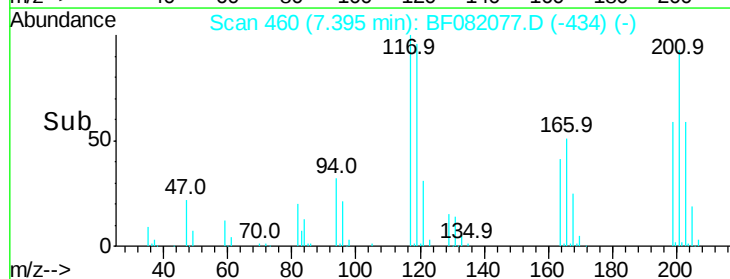
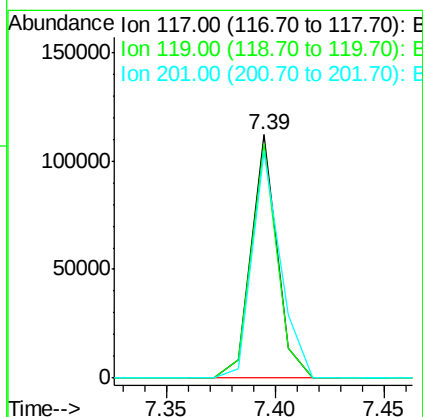
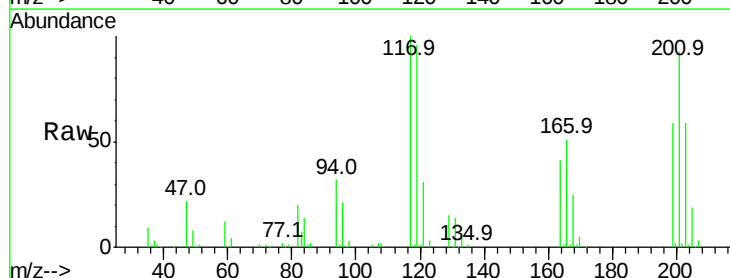
Manual Integrations
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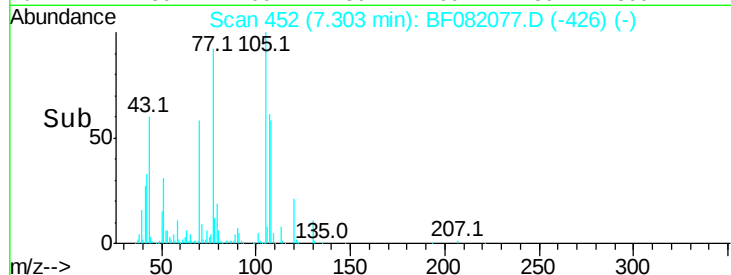
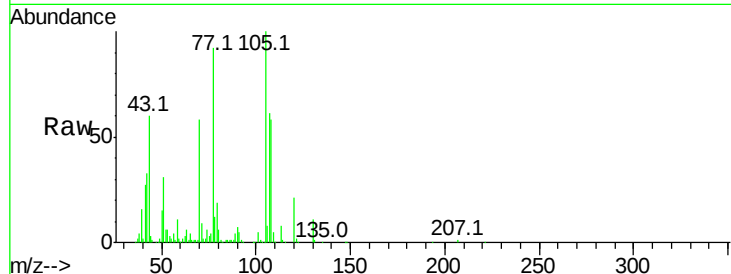
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#18
Hexachloroethane
Concen: 40.76 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	96.3	83.8	125.6
201	93.0	55.1	82.7#





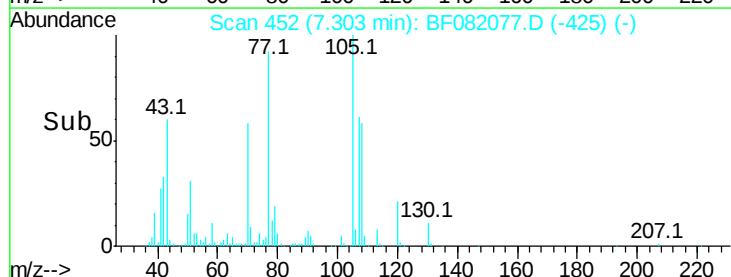
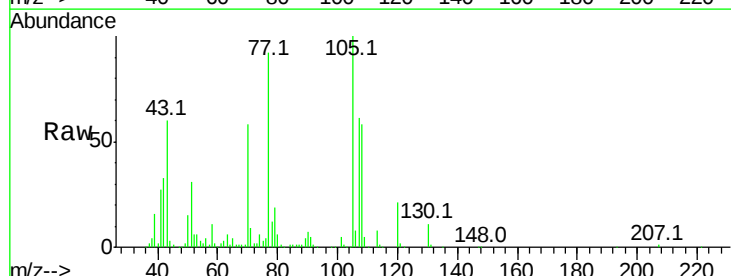
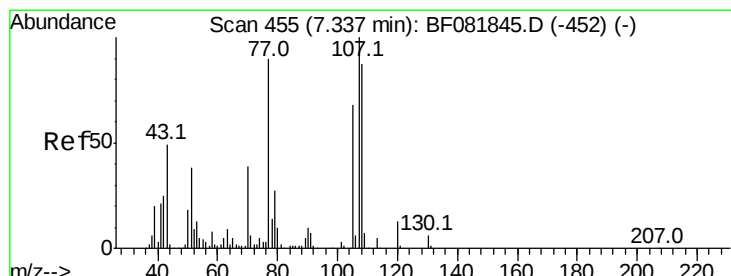
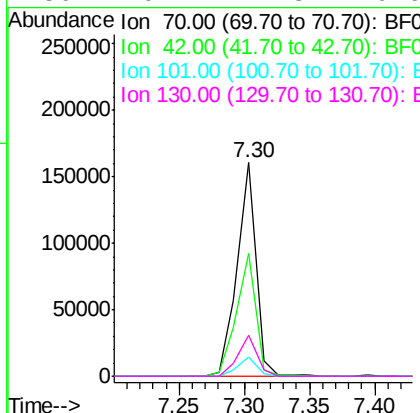
#19
n-Nitroso-di-n-propylamine
Concen: 39.74 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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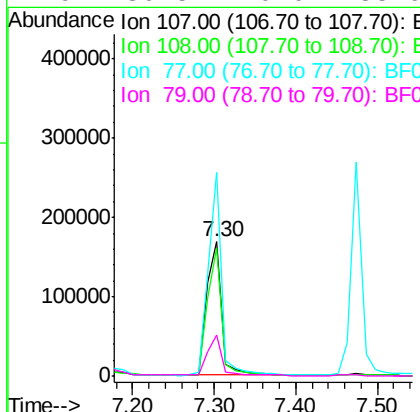
mmdadoda
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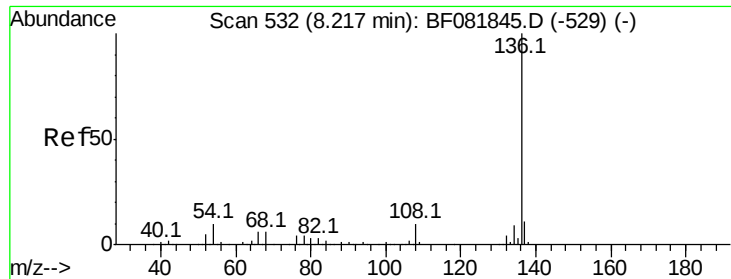
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.5	63.8	95.6#
101	9.0	9.2	13.8#
130	19.4	27.3	40.9#



#20
3+4-Methylphenols
Concen: 36.68 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.4	74.6	114.6
77	151.8	0.7	40.7#
79	30.5	0.0	38.9





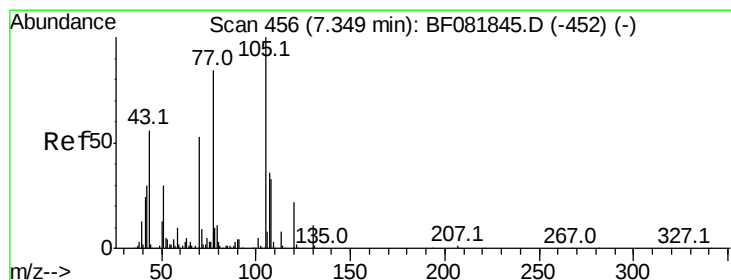
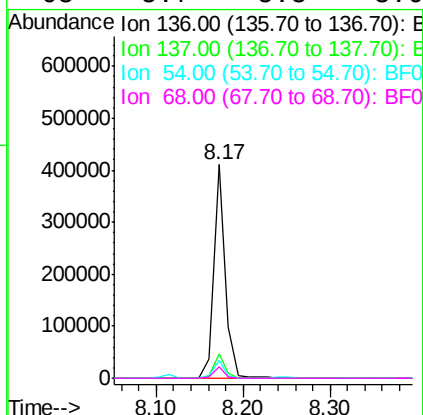
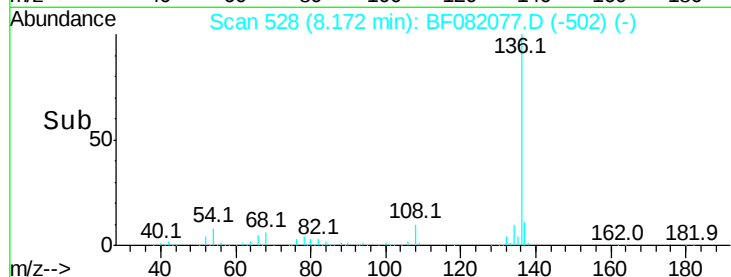
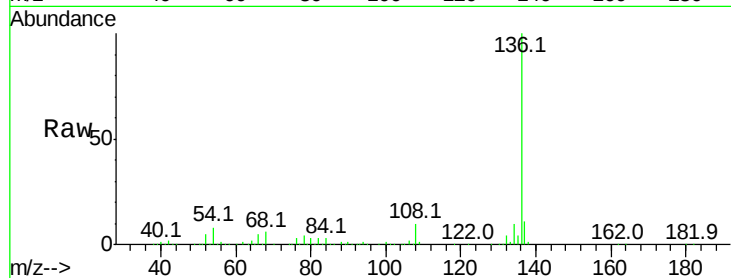
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.6	
54	8.5	8.2	12.2	
68	5.7	5.8	8.6#	

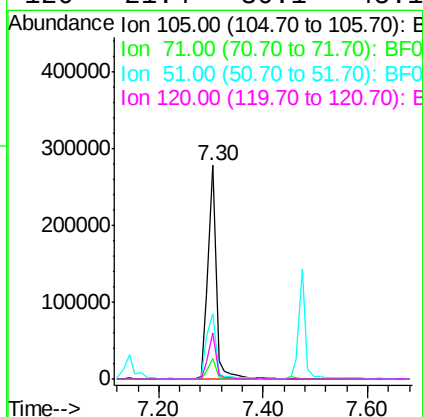
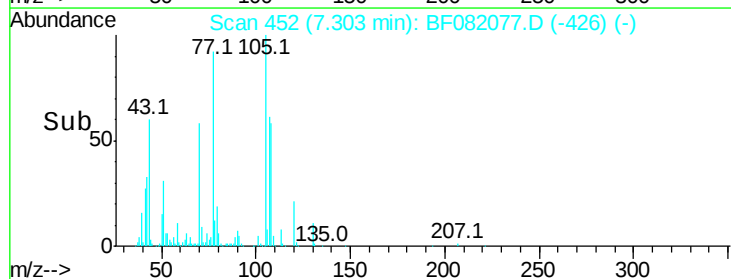
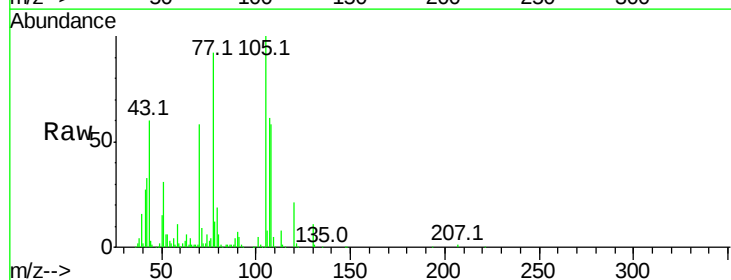
Manual Integrations
APPROVED

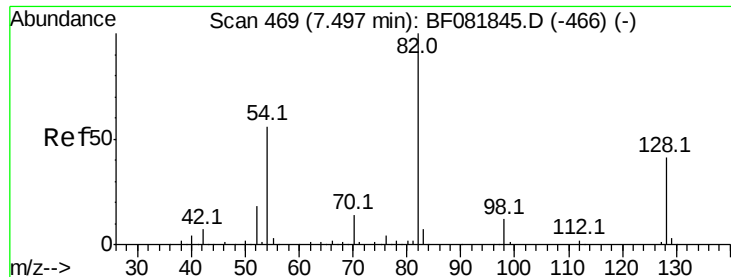
mmdadoda
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#22
Acetophenone
Concen: 39.57 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.5	4.7	7.1#	
51	30.7	22.0	33.0	
120	21.4	30.1	45.1#	





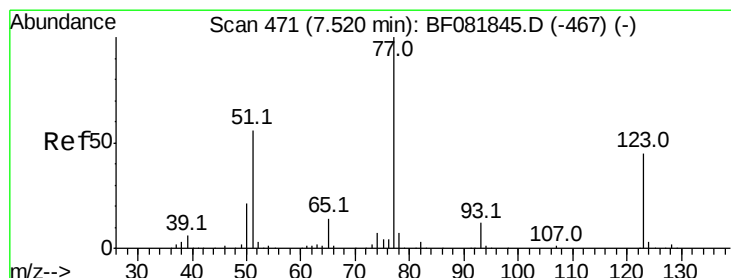
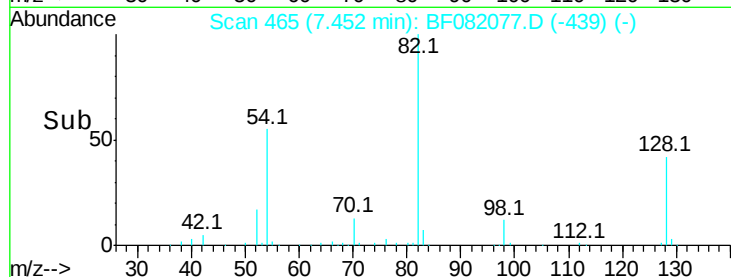
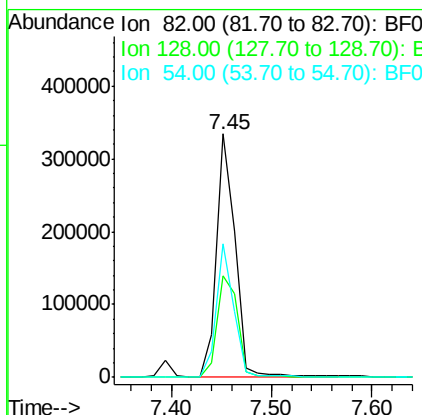
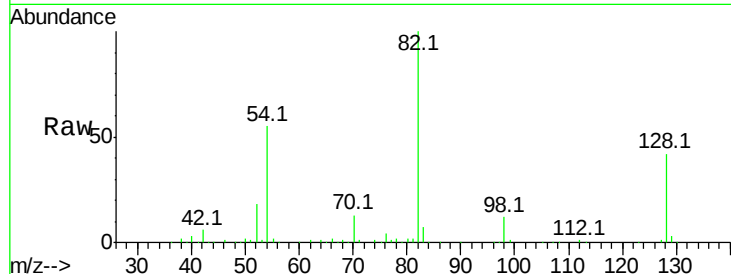
#23
 Nitrobenzene-d5
 Concen: 75.42 ng
 RT: 7.45 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.7	51.0	76.6#	
54	54.8	47.5	71.3	

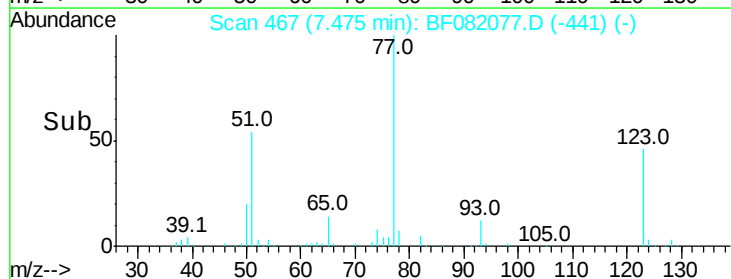
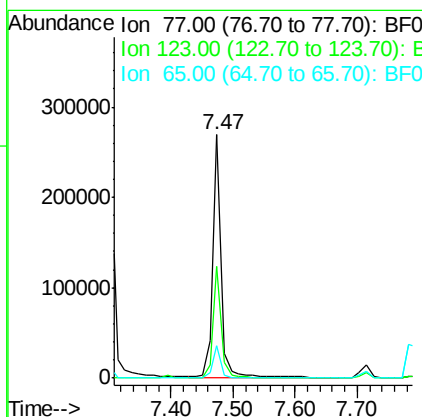
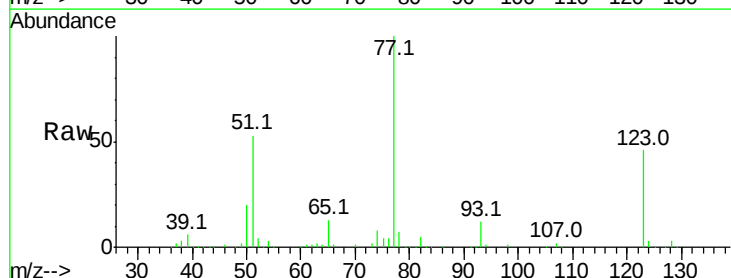
Manual Integrations
 APPROVED

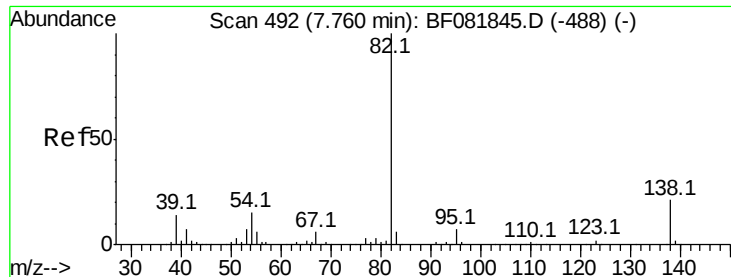
mmdadoda
 10/7/2015 4:51:37 PM



#24
 Nitrobenzene
 Concen: 40.04 ng
 RT: 7.47 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.8	59.8	89.8#	
65	13.5	10.2	15.4	





#25

Isophorone

Concen: 39.09 ng

RT: 7.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 445937

Ion Ratio Lower Upper

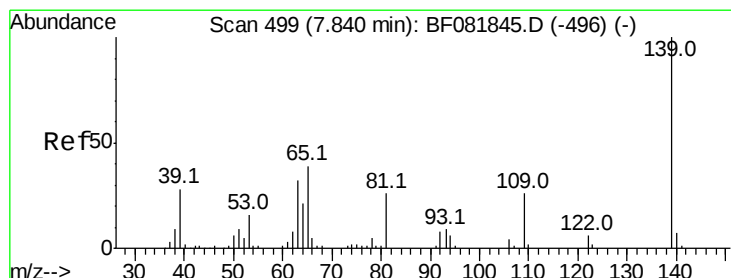
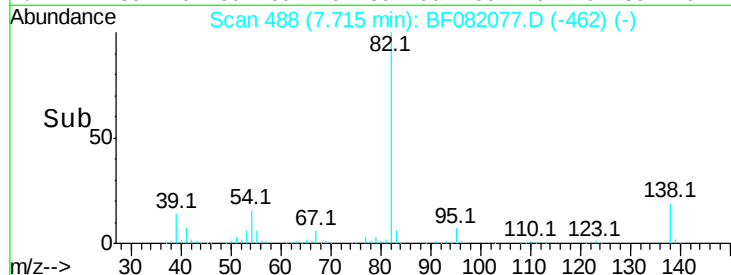
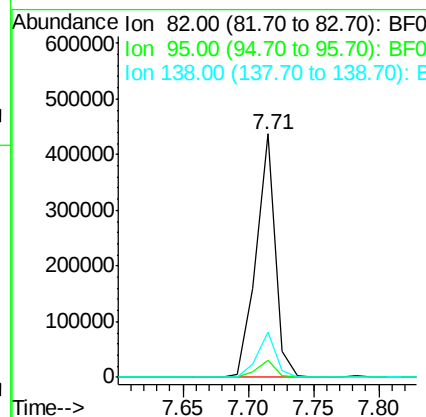
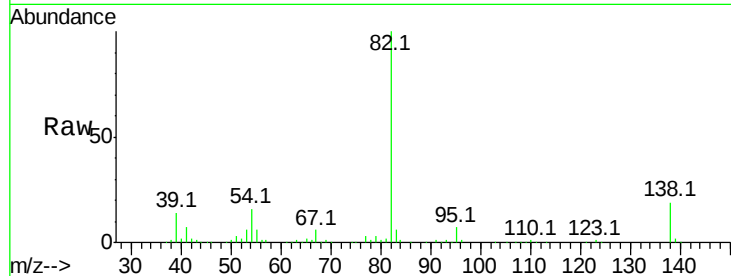
82 100

95 7.2 4.0 6.0#

138 18.6 18.3 27.5

Manual Integrations
APPROVED

mmdadoda
10/7/2015 4:51:37 PM



#26

2-Nitrophenol

Concen: 42.17 ng

RT: 7.79 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

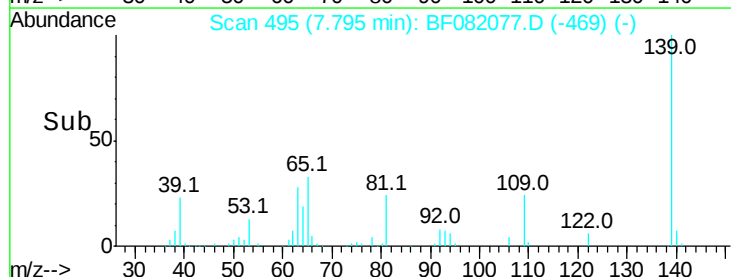
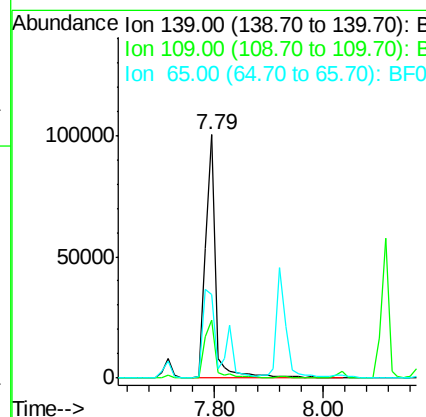
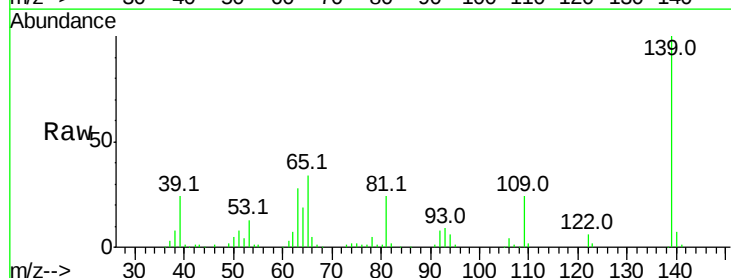
Tgt Ion: 139 Resp: 126505

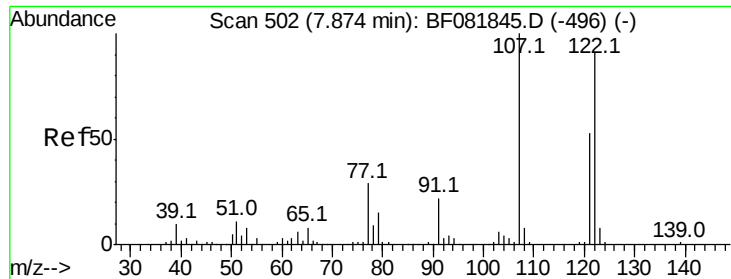
Ion Ratio Lower Upper

139 100

109 24.0 11.0 16.4#

65 34.2 24.7 37.1





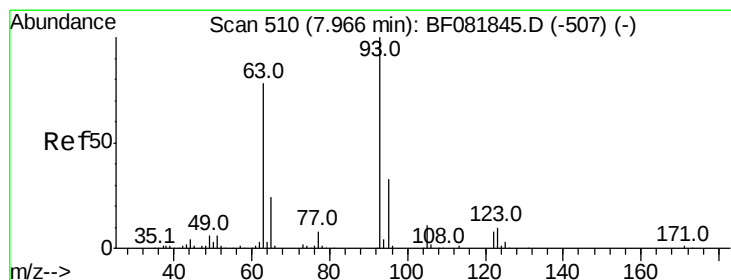
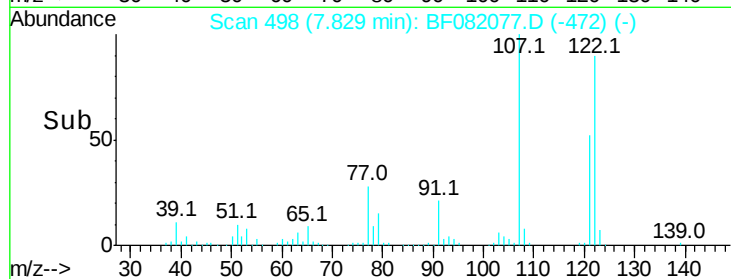
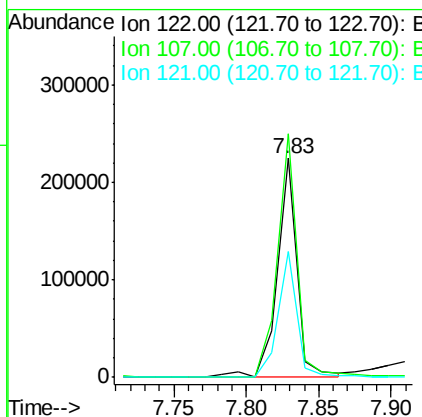
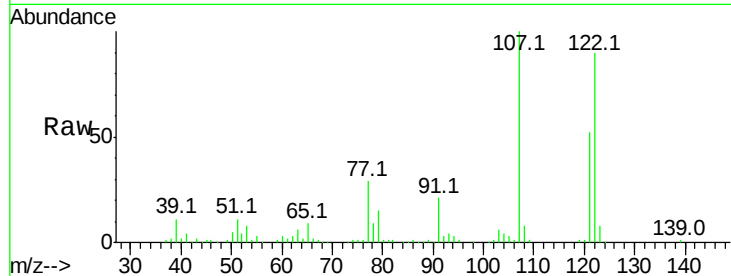
#27
2,4-Dimethylphenol
Concen: 40.20 ng
RT: 7.83 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	212126		
107	111.1	71.8	107.6#	
121	57.6	42.3	63.5	

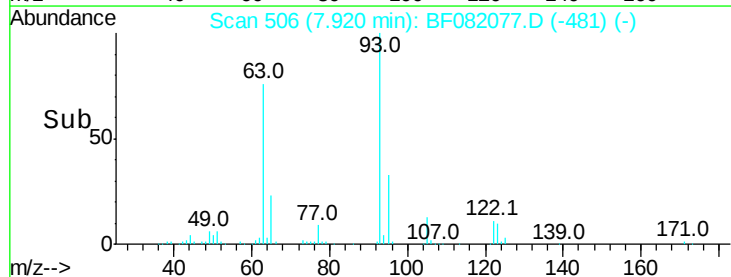
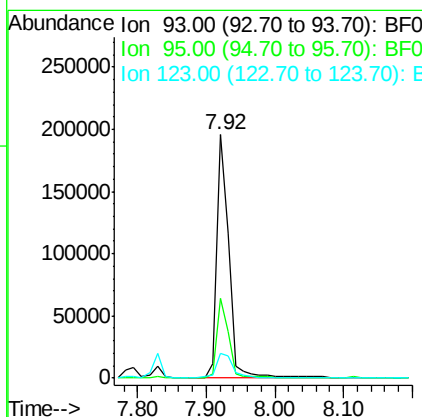
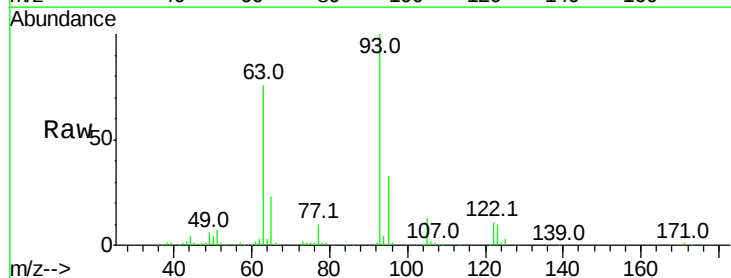
Manual Integrations
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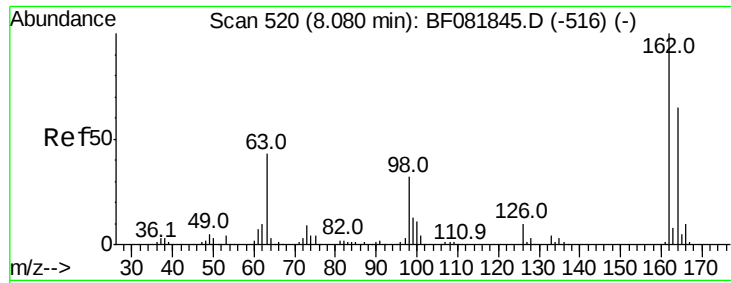
mmdadoda
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#28
bis(2-Chloroethoxy)methane
Concen: 35.76 ng
RT: 7.92 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	242226		
95	32.5	27.5	41.3	
123	10.3	13.7	20.5#	





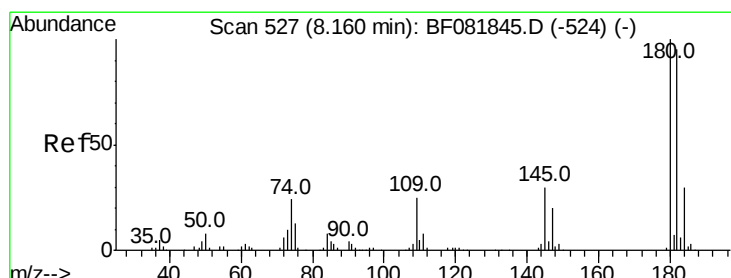
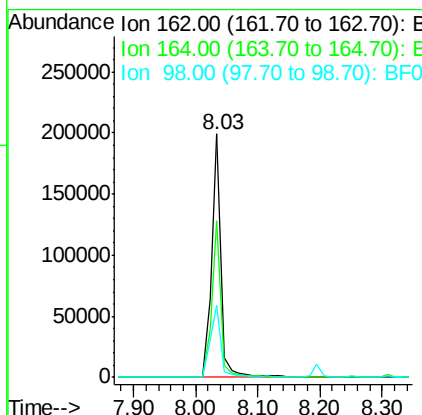
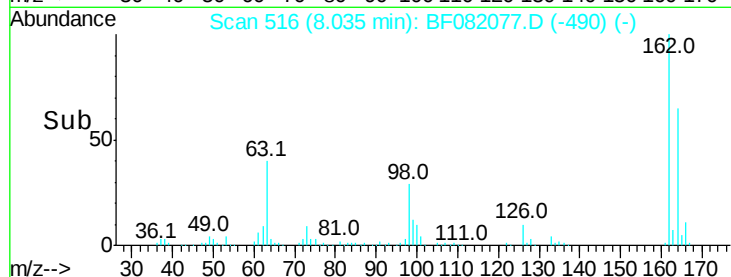
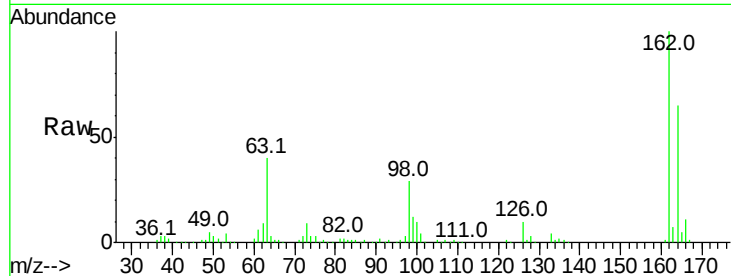
#29
 2,4-Dichlorophenol
 Concen: 40.51 ng
 RT: 8.03 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	207280		
164	64.5	44.9	84.9	
98	29.5	13.0	53.0	

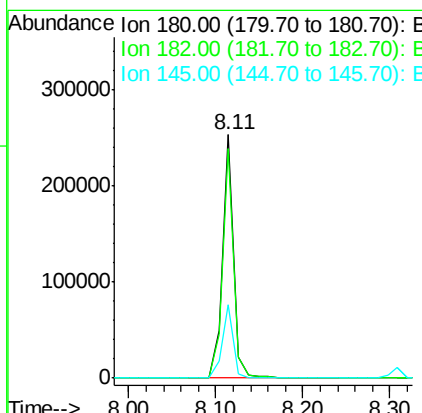
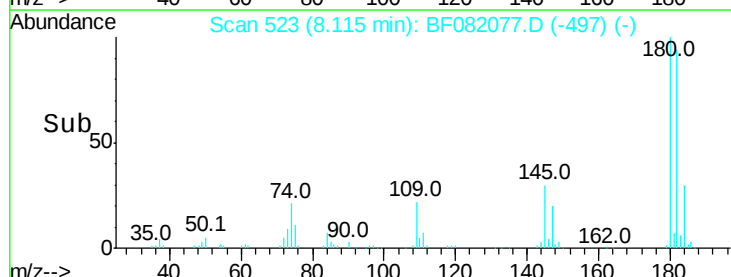
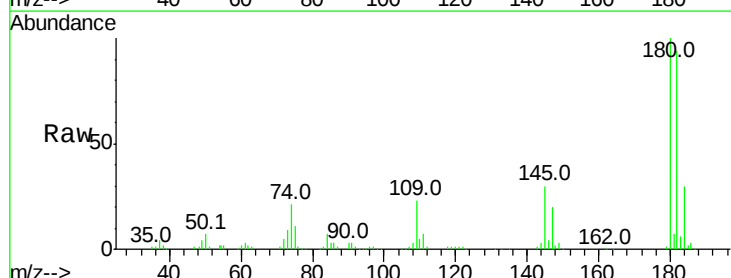
Manual Integrations
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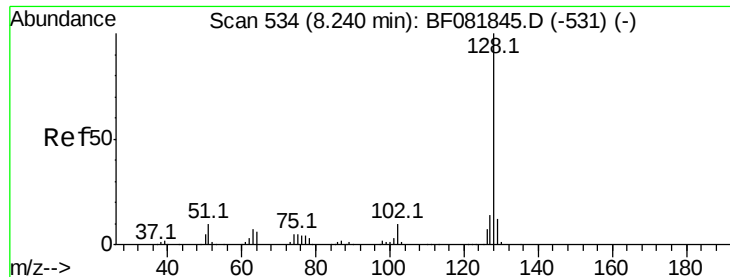
mmdadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.11 ng
 RT: 8.11 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229131		
182	94.2	77.1	115.7	
145	30.0	23.3	34.9	





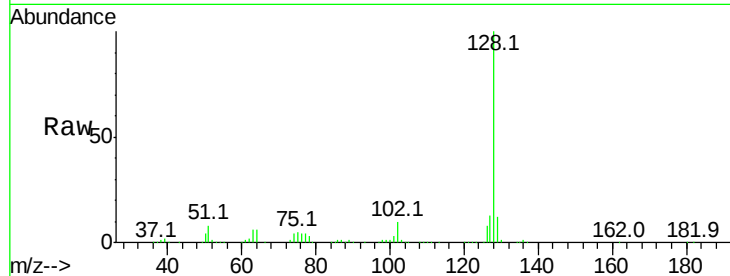
#31
Naphthalene
Concen: 37.29 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

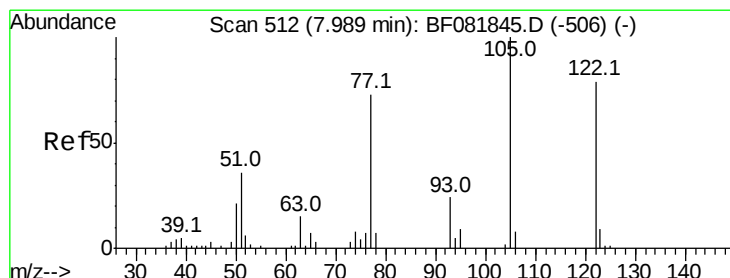
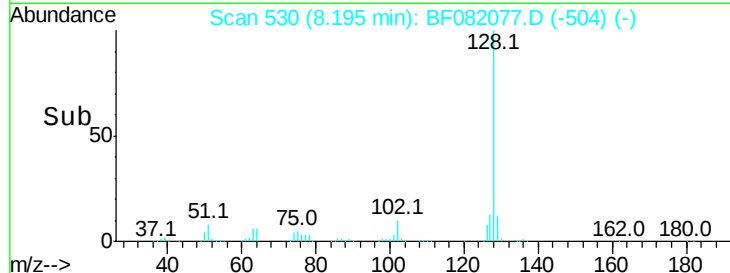
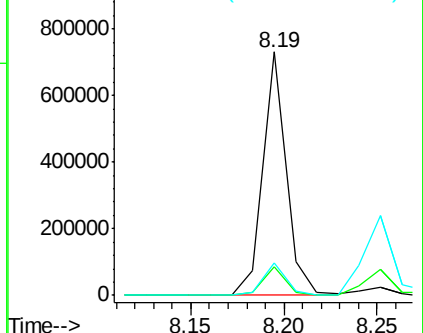
Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.5	8.4	12.6
127	13.4	9.9	14.9

Manual Integrations
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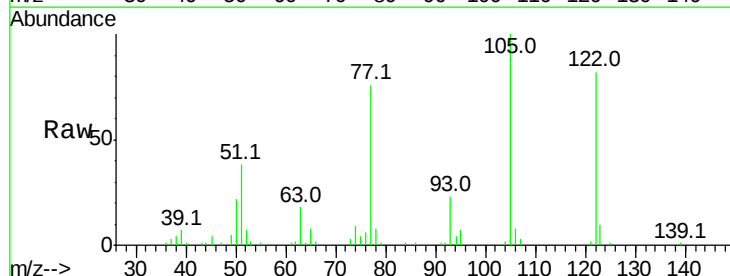


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

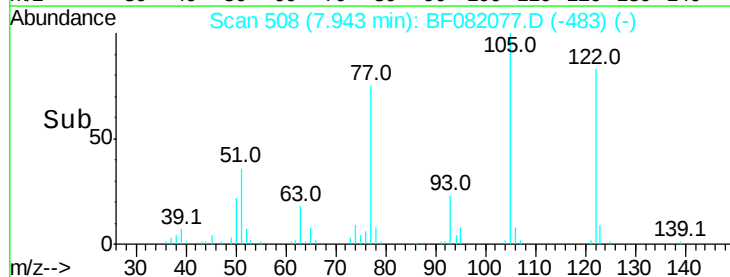
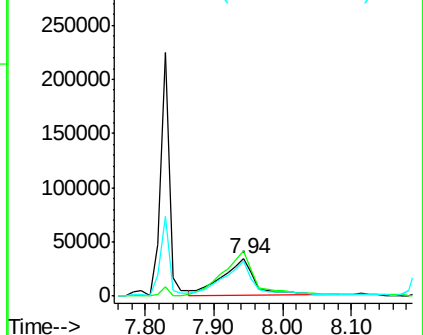


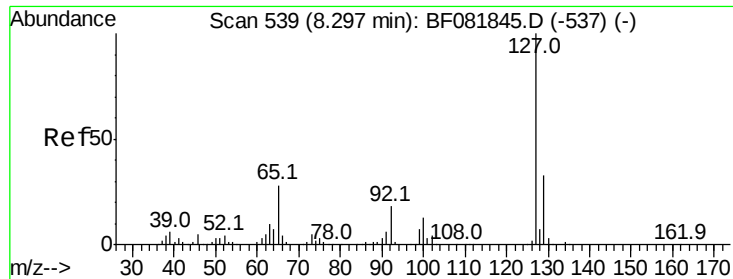
#32
Benzoic acid
Concen: 38.00 ng
RT: 7.94 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	122.0	76.1	116.1#
77	93.3	40.5	80.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





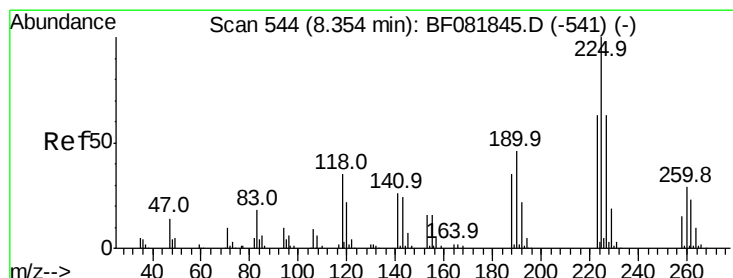
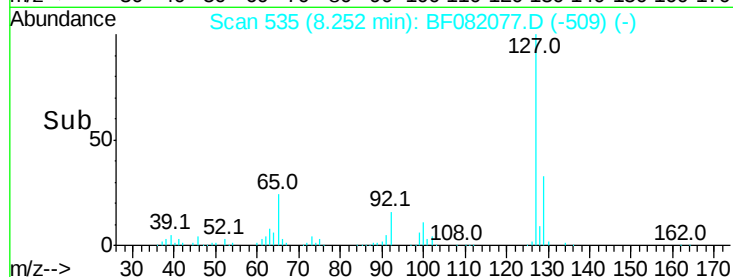
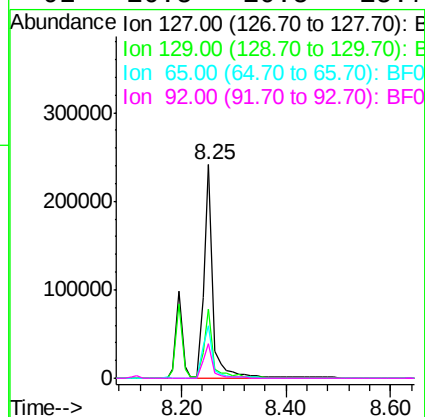
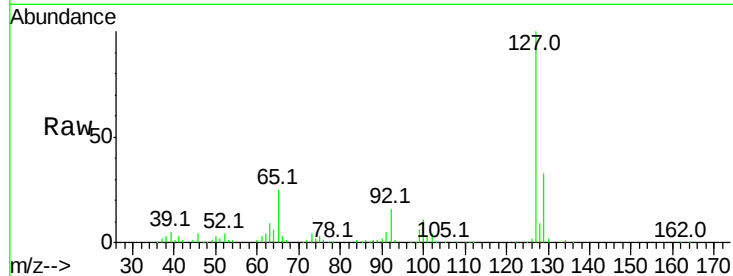
#33
4-Chloroaniline
Concen: 38.97 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	25.8	38.6
65	24.6	17.9	26.9
92	16.5	10.5	15.7

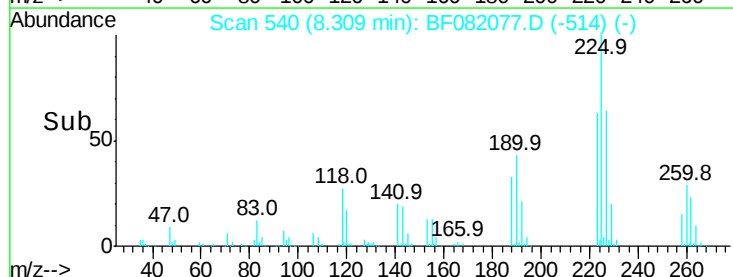
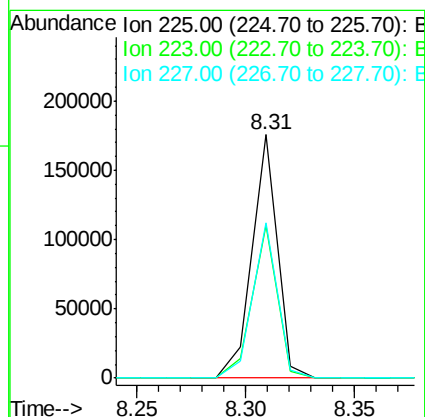
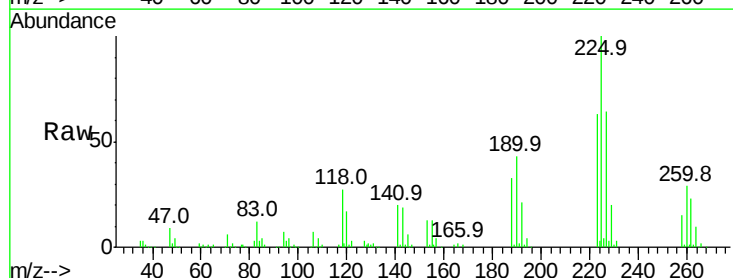
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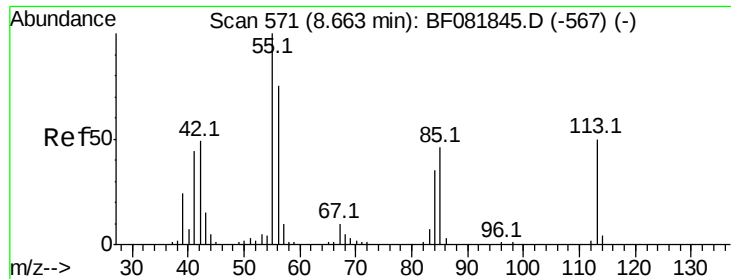
mmdadoda
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#34
Hexachlorobutadiene
Concen: 41.86 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

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





#35

Caprolactam

Concen: 44.32 ng

RT: 8.63 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 62786

Ion Ratio Lower Upper

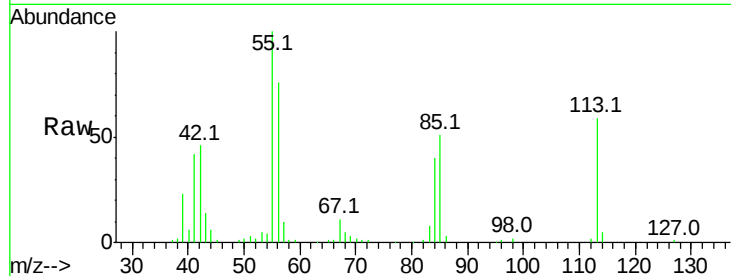
113 100

55 170.5 152.4 192.4

56 129.3 104.6 144.6

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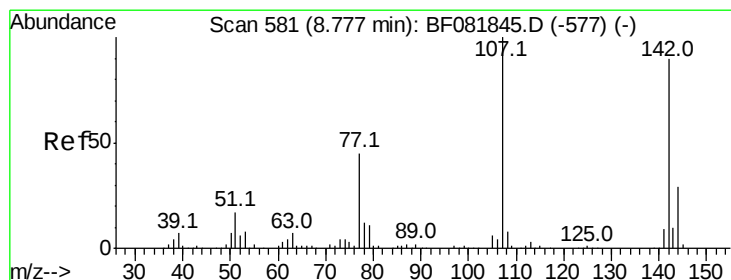
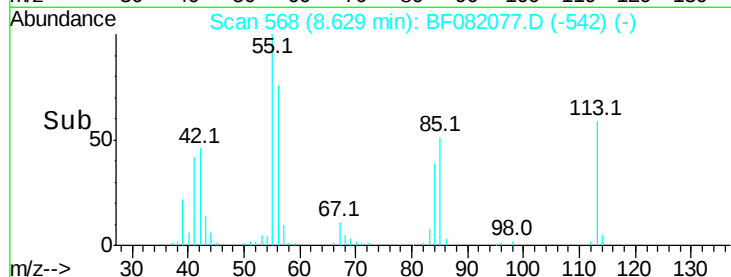
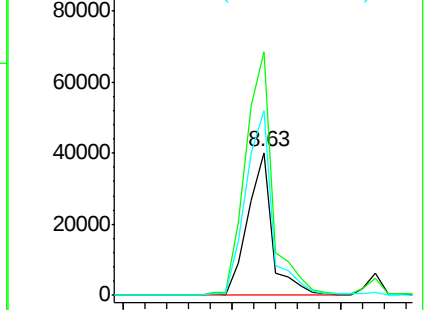
mmdadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.37 ng

RT: 8.73 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

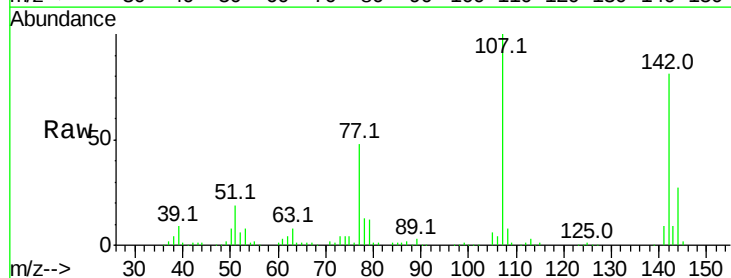
Tgt Ion:107 Resp: 211987

Ion Ratio Lower Upper

107 100

144 27.1 25.4 38.0

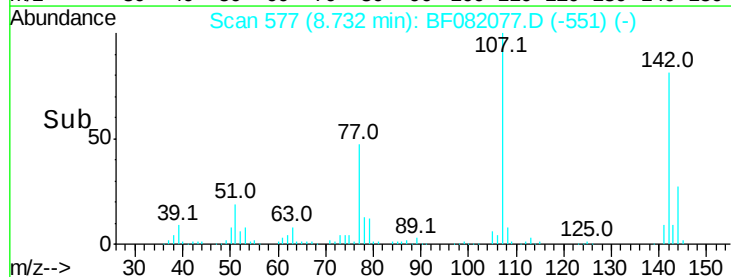
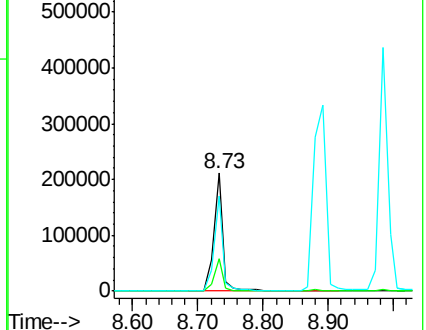
142 80.7 77.3 115.9

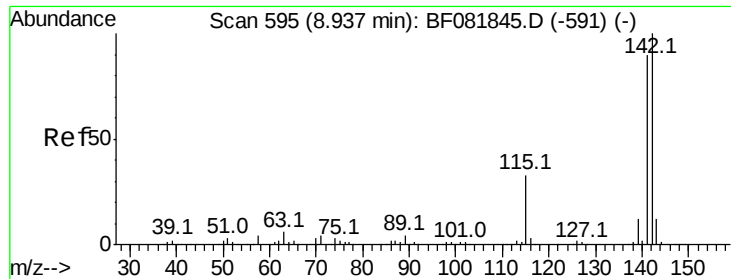


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





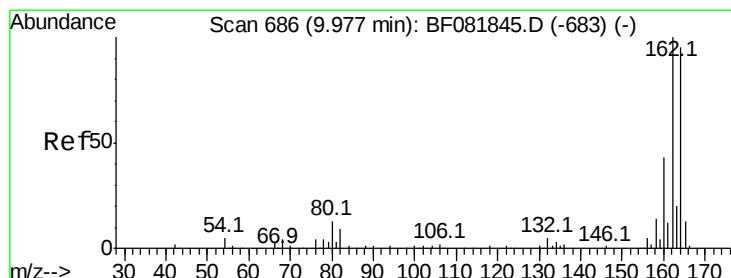
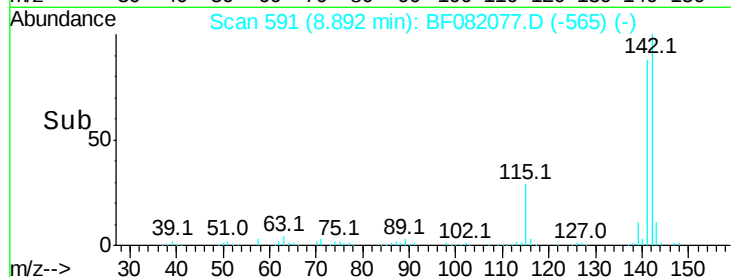
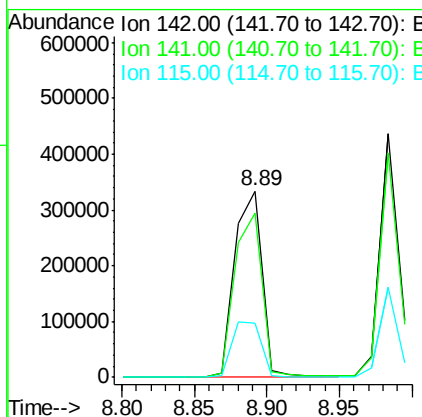
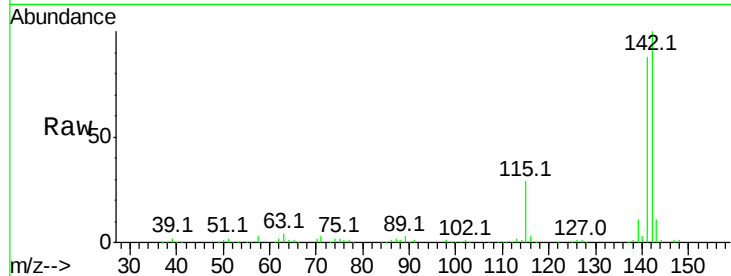
#37
 2-Methylnaphthalene
 Concen: 37.90 ng
 RT: 8.89 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	67.5	101.3
115	28.7	18.2	27.2#

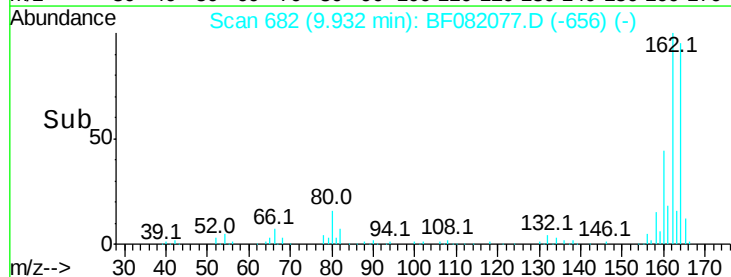
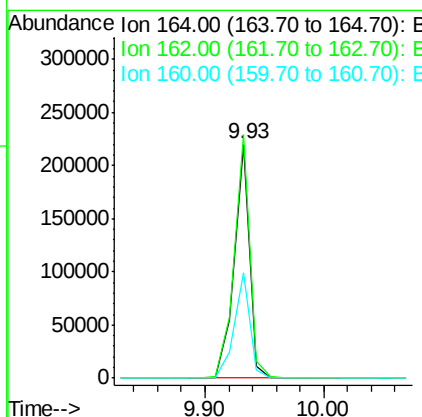
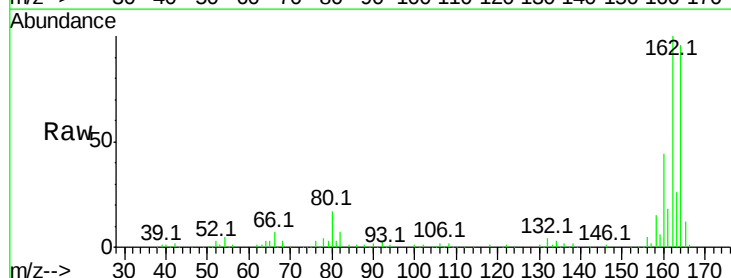
Manual Integrations
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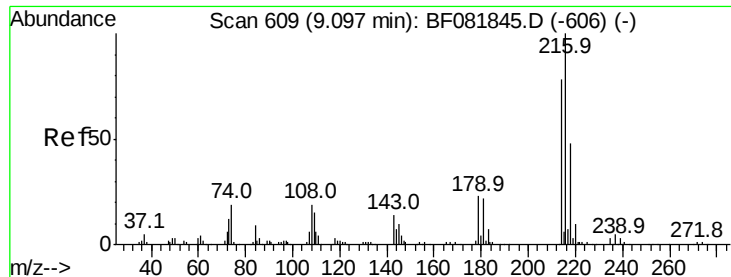
mmdadoda
 10/7/2015 4:51:37 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	75.2	112.8
160	45.4	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.89 ng

RT: 9.05 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

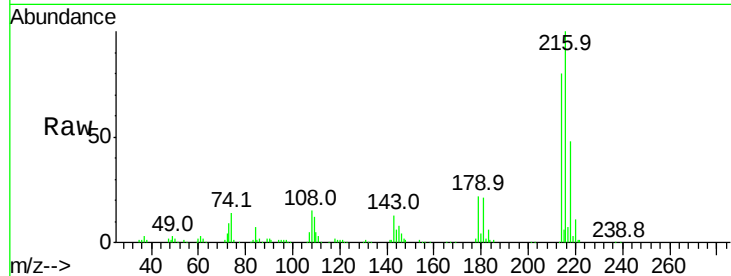
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	230518		
214	79.8	63.5	95.3	
179	21.7	16.6	24.8	
108	17.1	16.3	24.5	

Manual Integrations
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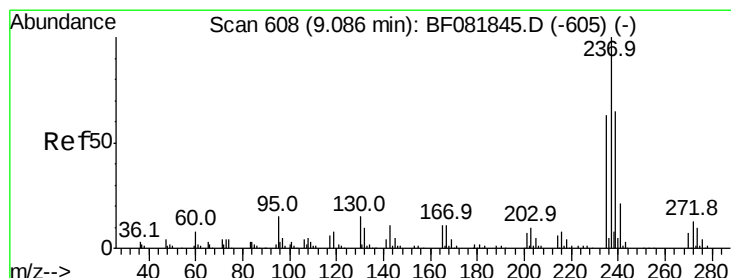
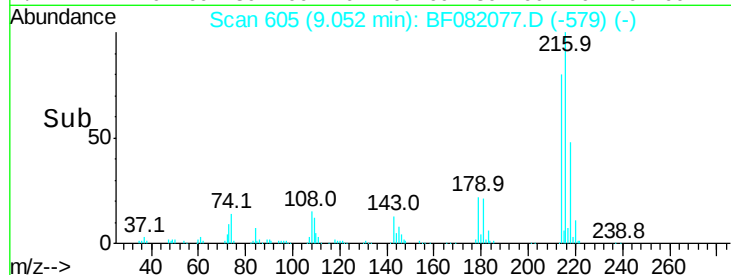
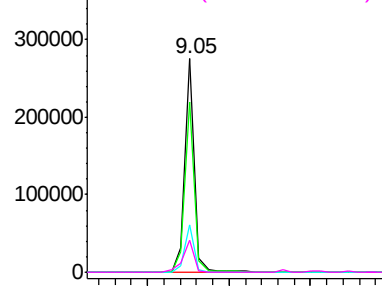


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 31.06 ng

RT: 9.04 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF082077.D

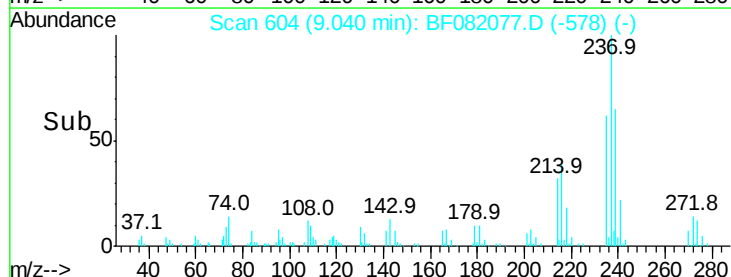
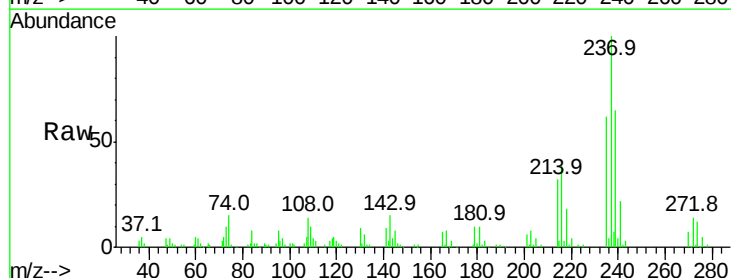
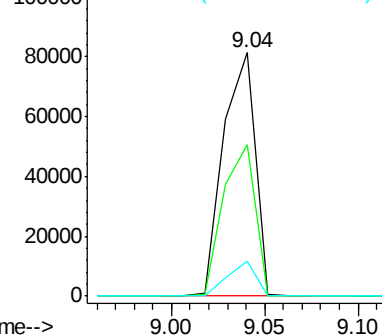
Acq: 6 Oct 2015 11:32

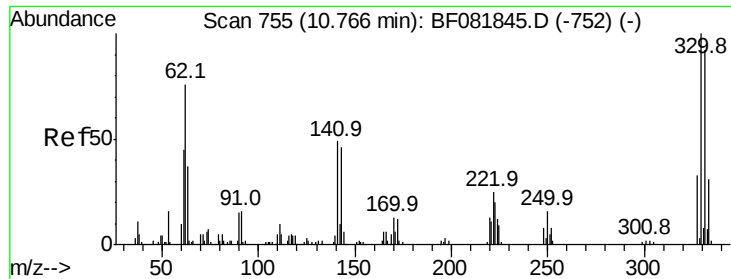
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	97308		
235	62.0	42.0	82.0	
272	14.3	0.0	36.1	

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





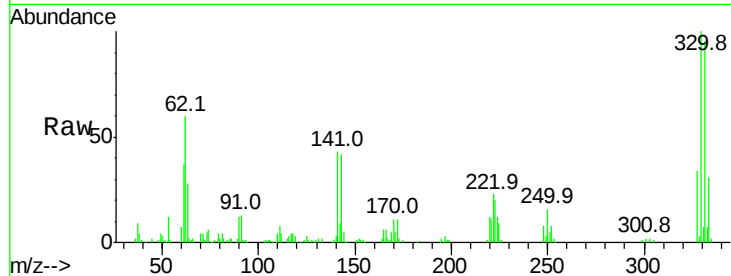
#41
 2,4,6-Tribromophenol
 Concen: 69.01 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

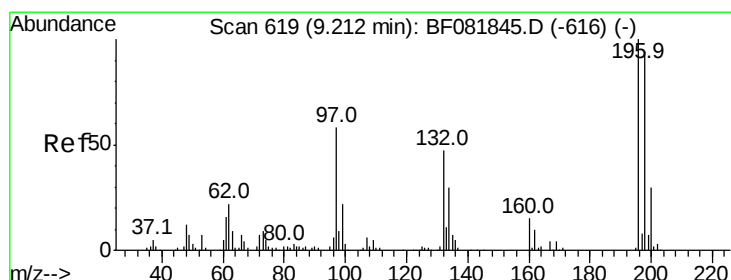
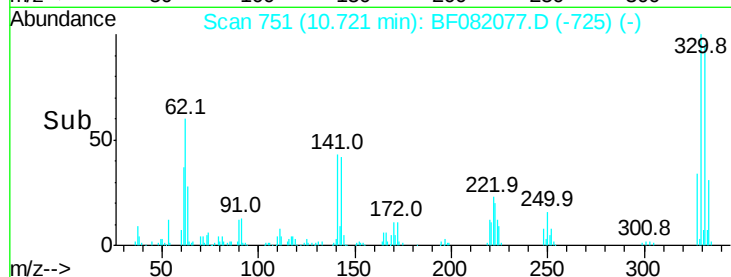
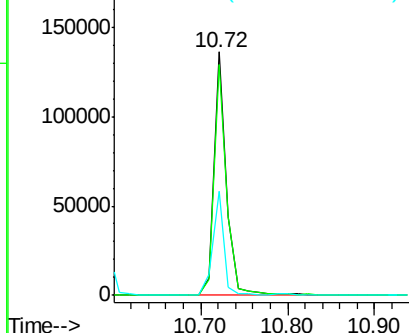
Tot Ion	Ratio	Resp	Lower	Upper
330	100	138498		
332	96.8	76.6	114.8	
141	38.7	29.7	44.5	

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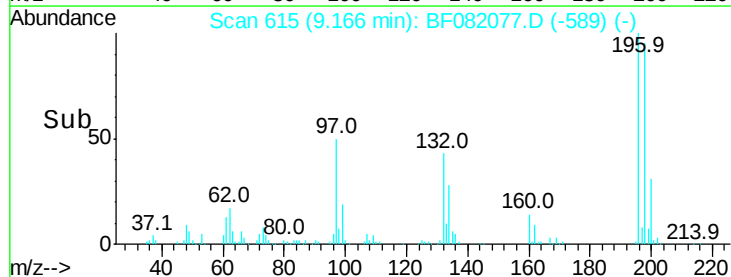
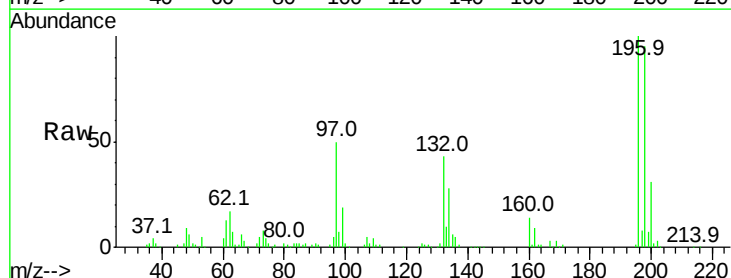
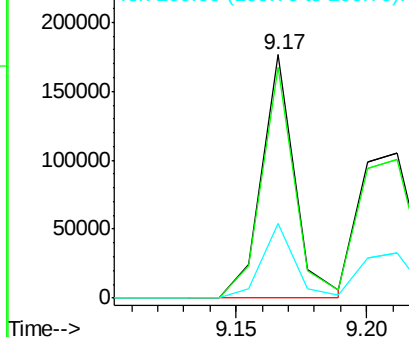
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

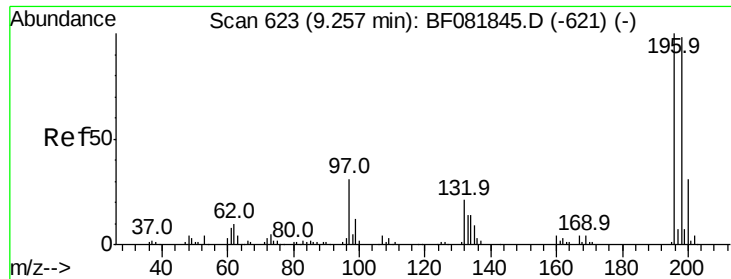


#42
 2,4,6-Trichlorophenol
 Concen: 37.48 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156308		
198	94.9	75.7	113.5	
200	30.7	23.9	35.9	

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





#43

2,4,5-Trichlorophenol

Concen: 37.42 ng

RT: 9.21 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF082077.D

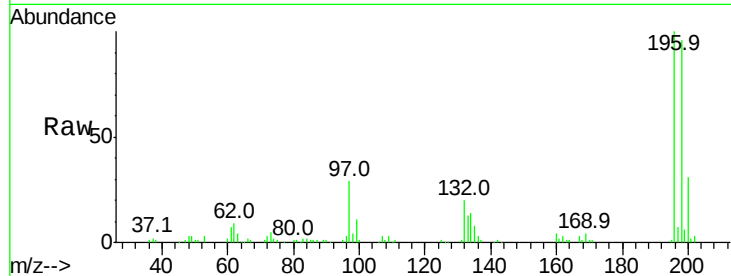
Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tot Ion:196 Resp: 160514

Ion Ratio Lower Upper

196 100

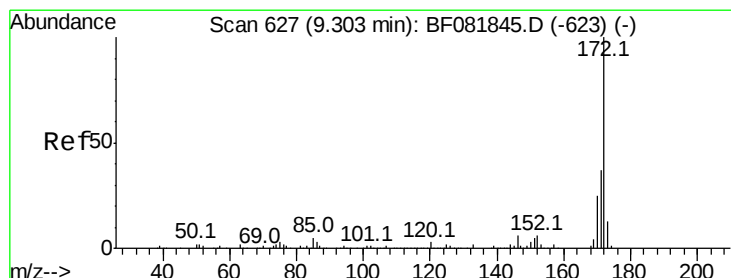
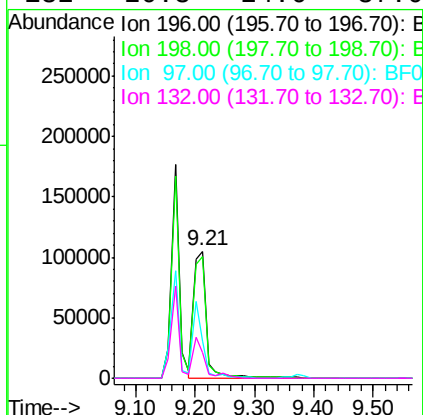
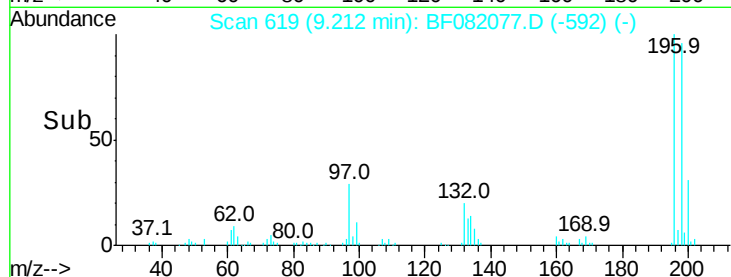
198 95.6 75.4 113.0

97 28.7 33.3 49.9#

132 20.3 24.6 37.0#

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#44

2-Fluorobiphenyl

Concen: 72.41 ng

RT: 9.25 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

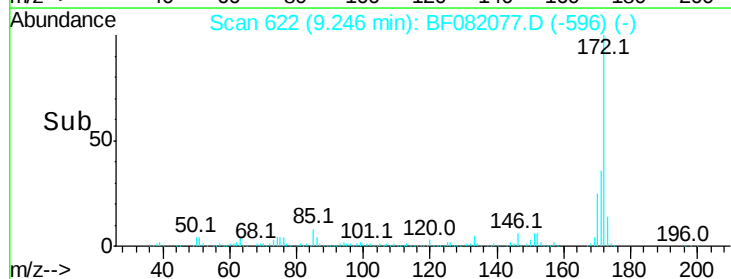
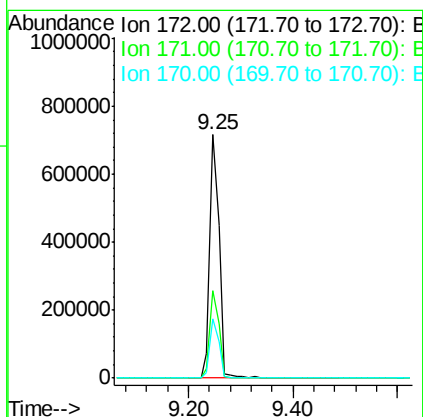
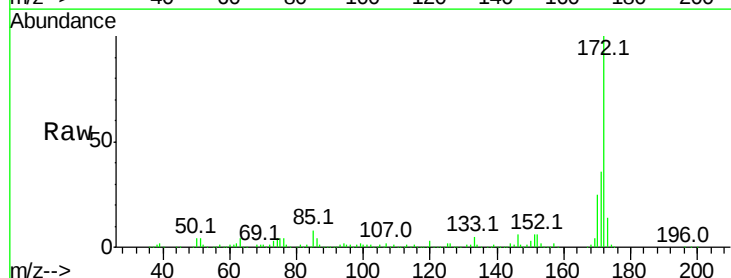
Tgt Ion:172 Resp: 882532

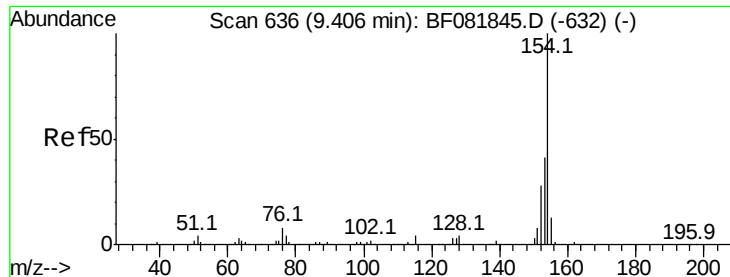
Ion Ratio Lower Upper

172 100

171 36.1 26.1 39.1

170 24.5 17.4 26.2





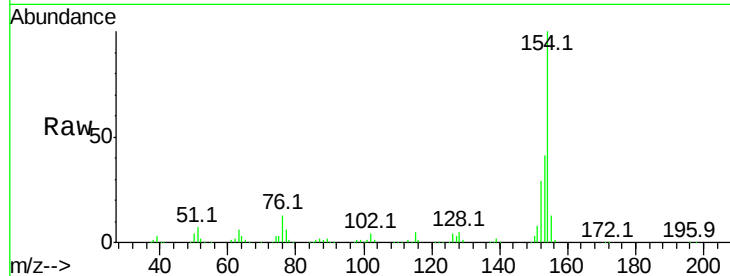
#45
 1,1'-Biphenyl
 Concen: 35.05 ng
 RT: 9.35 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

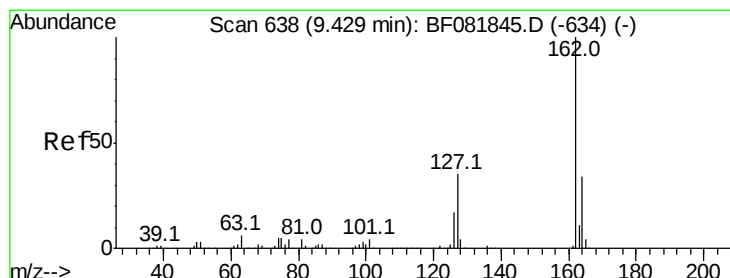
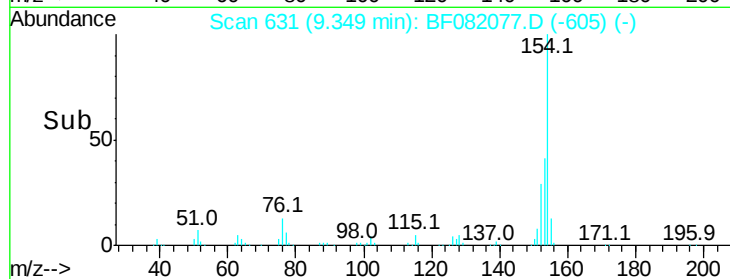
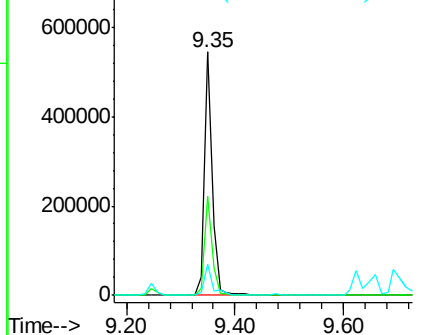
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	17.1	57.1	
76	13.0	0.0	31.6	

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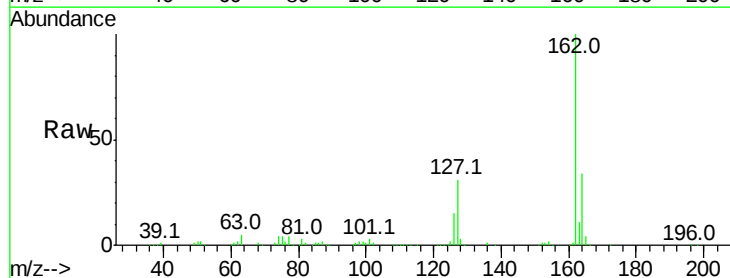


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

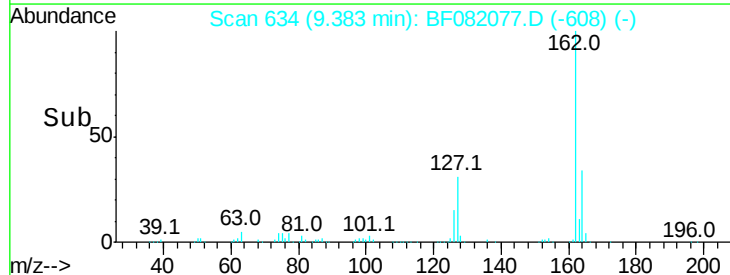
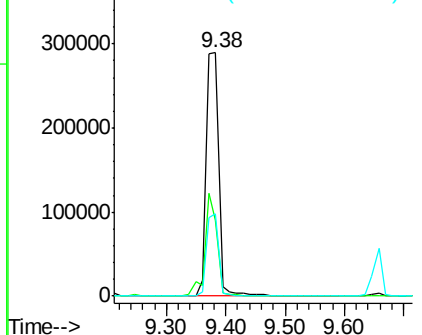


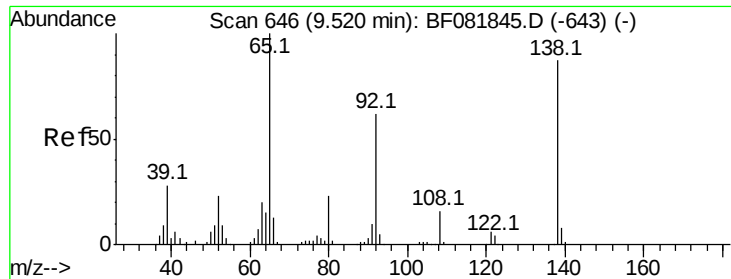
#46
 2-Chloronaphthalene
 Concen: 36.02 ng
 RT: 9.38 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	31.4	27.6	41.4	
164	33.8	25.4	38.2	



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





#47

2-Nitroaniline

Concen: 36.40 ng

RT: 9.47 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

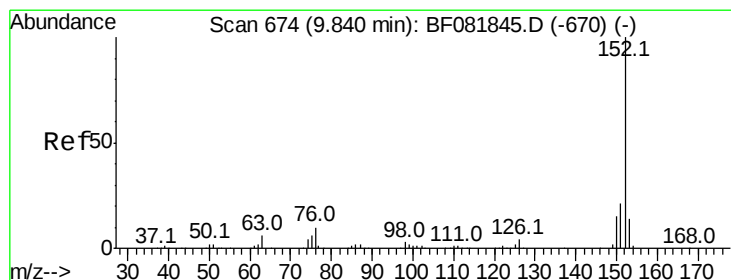
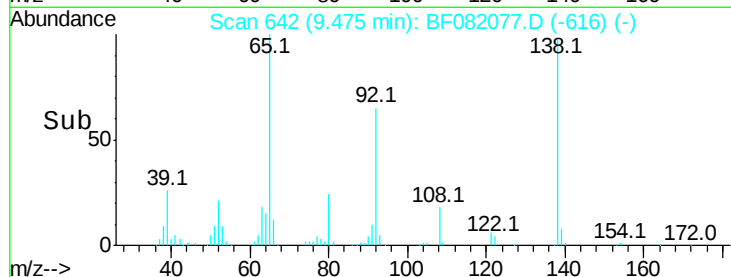
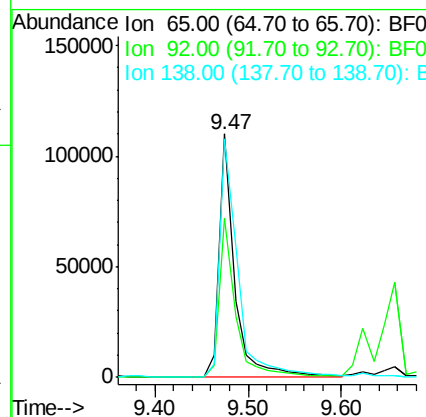
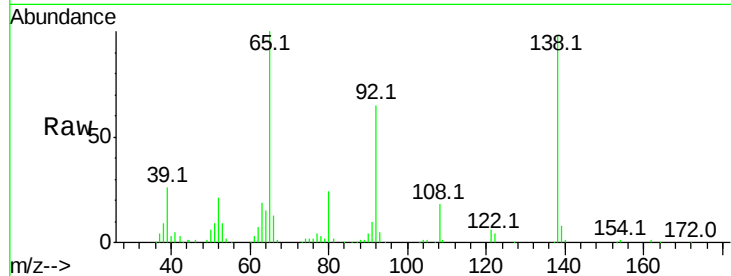
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.2	55.4	83.0
138	97.8	115.5	173.3

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#48

Acenaphthylene

Concen: 38.41 ng

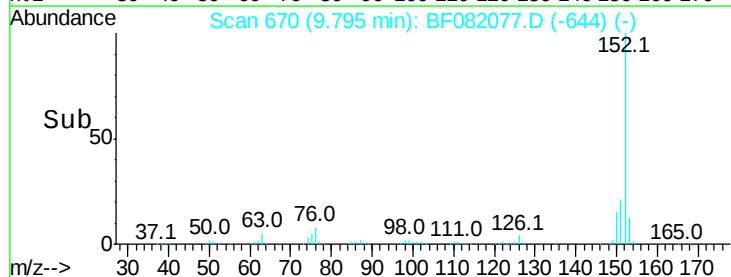
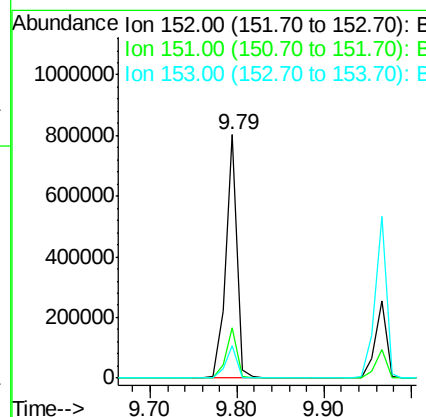
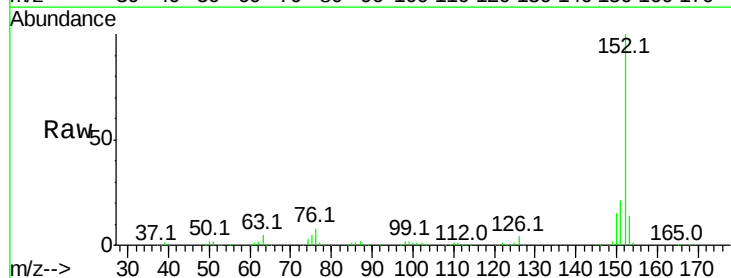
RT: 9.79 min Scan# 670

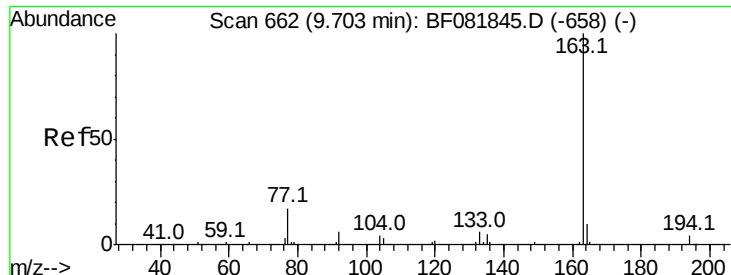
Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	14.6	22.0
153	13.5	10.3	15.5





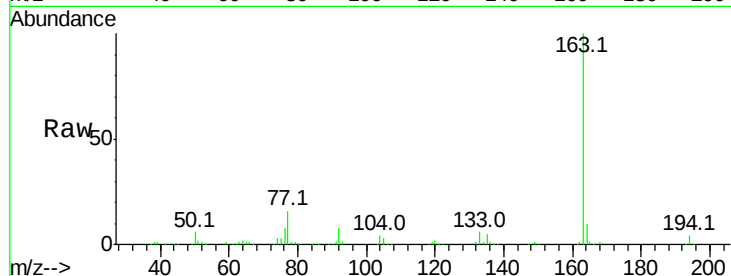
#49
Dimethylphthalate
Concen: 40.42 ng
RT: 9.66 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

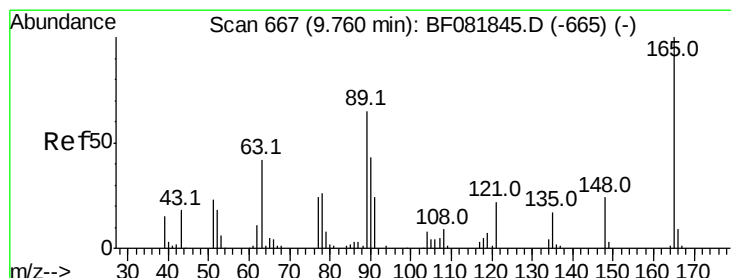
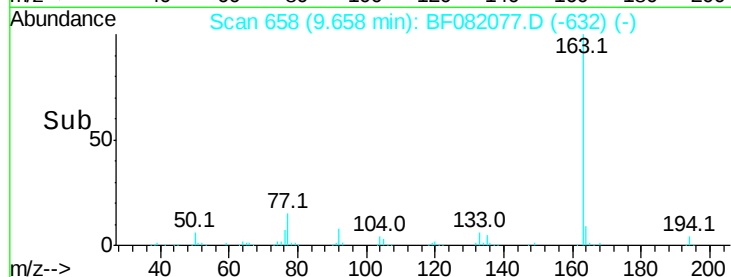
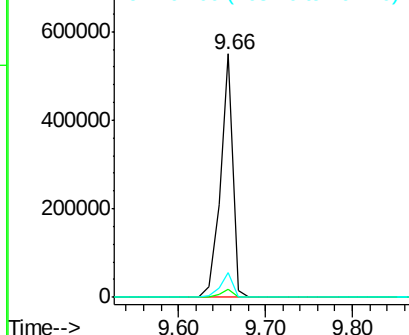
Tot Ion	Ratio	Resp	Lower	Upper
163	100	552867		
194	3.6	4.4	6.6#	
164	10.2	8.3	12.5	

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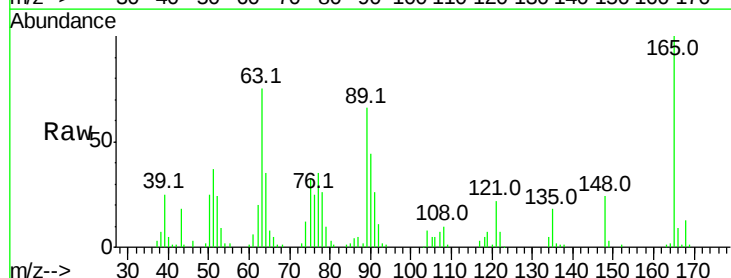


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

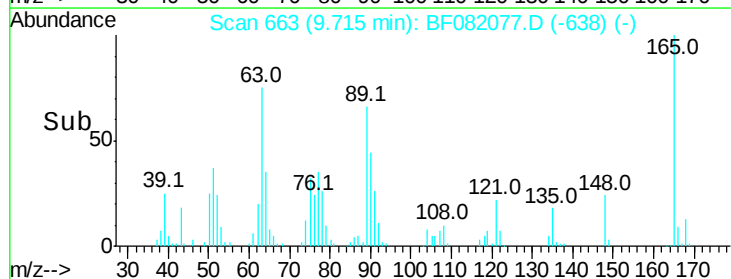
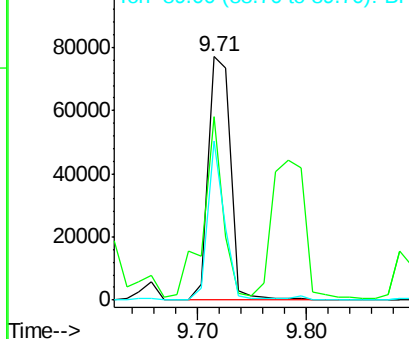


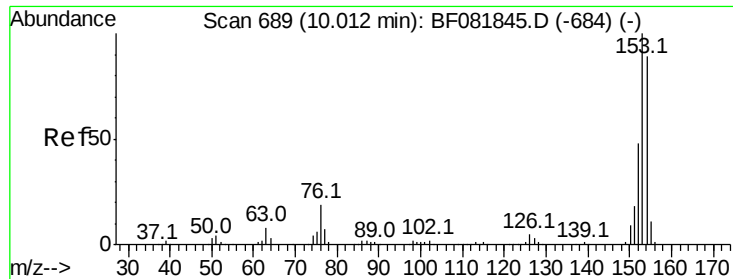
#50
2,6-Dinitrotoluene
Concen: 37.50 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	111359		
63	75.2	32.3	48.5#	
89	65.6	28.6	43.0#	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.05 ng

RT: 9.97 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

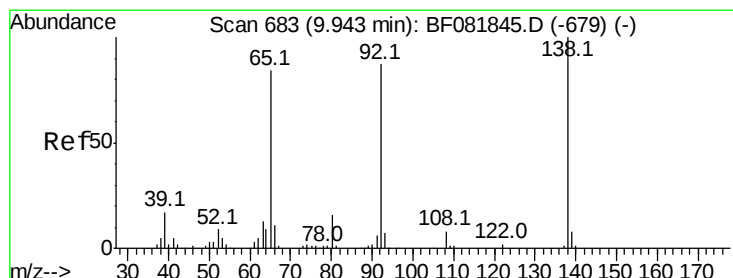
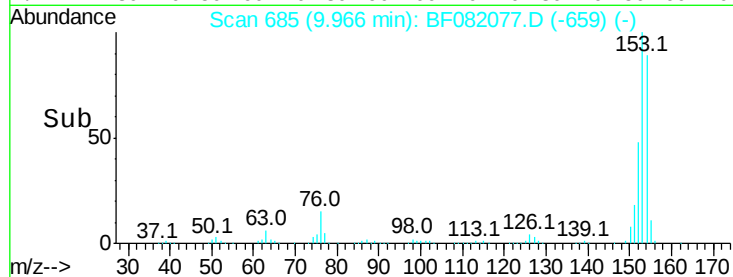
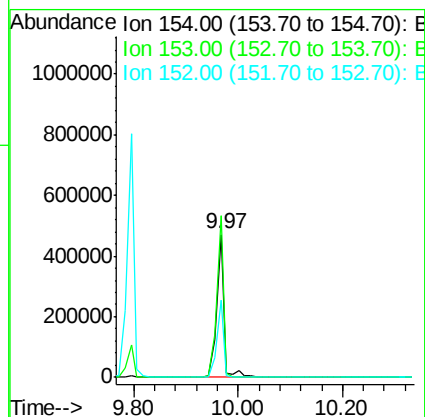
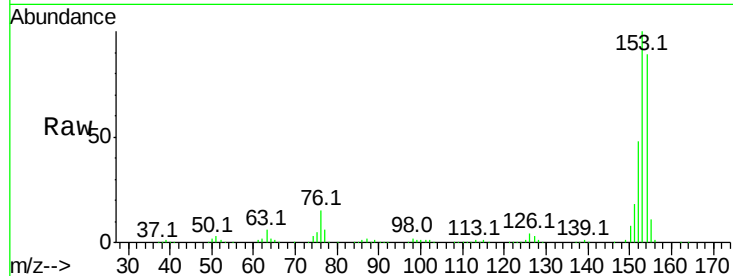
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
154	100		
153	112.7	82.1	123.1
152	53.8	37.9	56.9

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#52

3-Nitroaniline

Concen: 39.38 ng

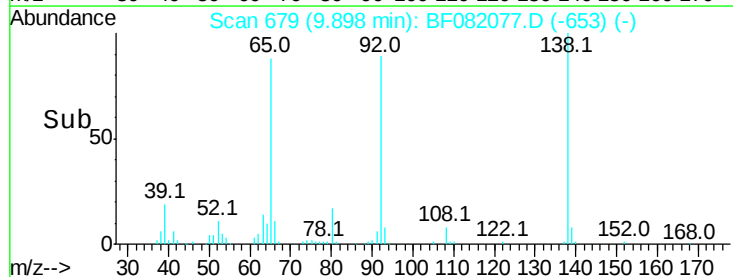
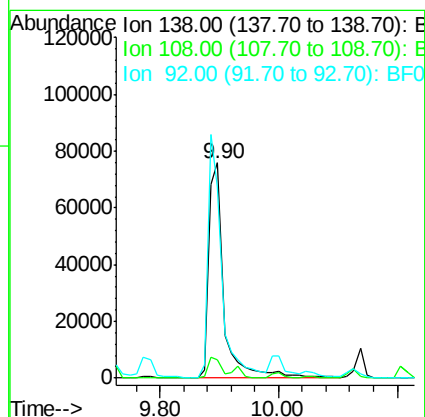
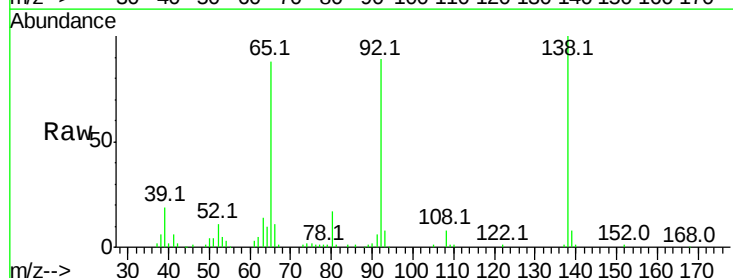
RT: 9.90 min Scan# 679

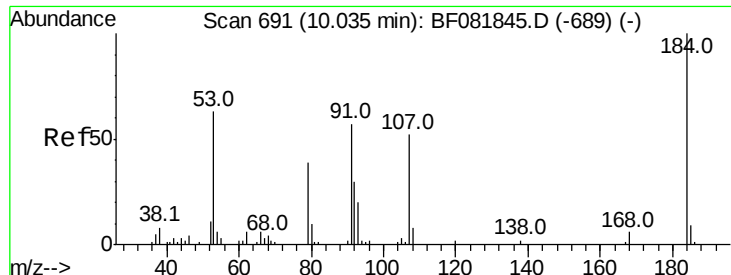
Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.4	5.7	8.5
92	89.2	67.7	101.5





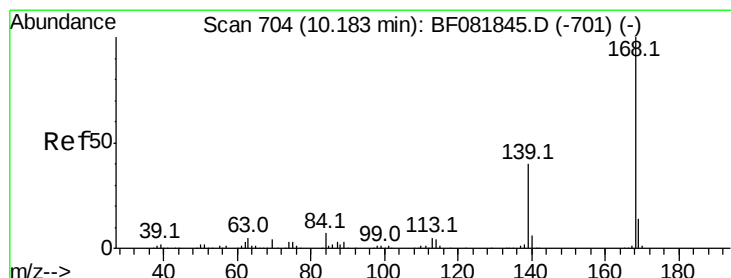
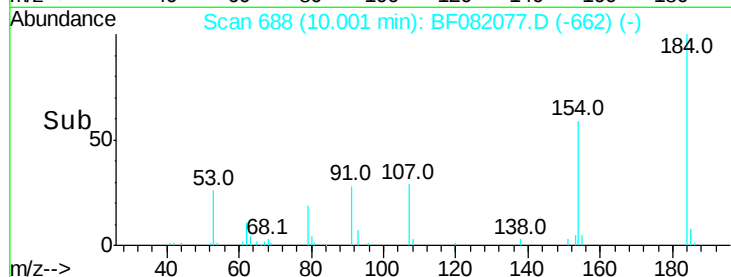
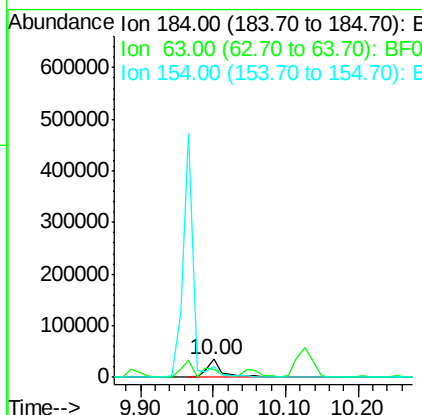
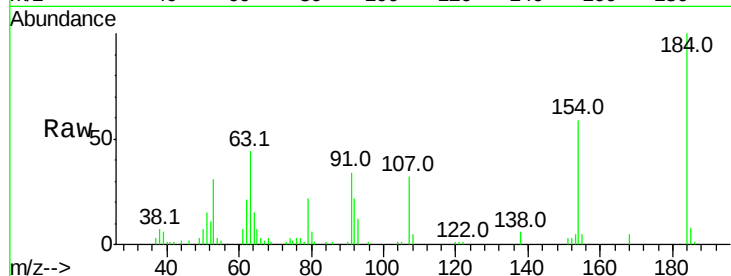
#53
 2,4-Dinitrophenol
 Concen: 49.15 ng
 RT: 10.00 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	43.8	35.4	53.2
154	58.5	32.2	48.4

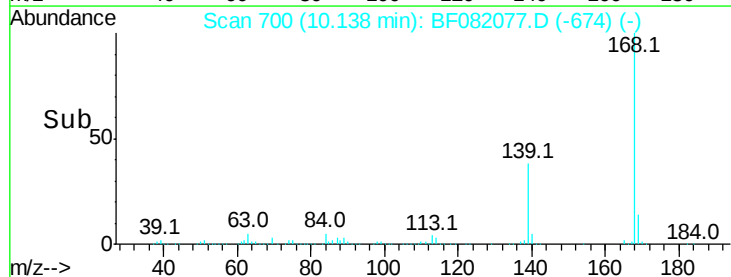
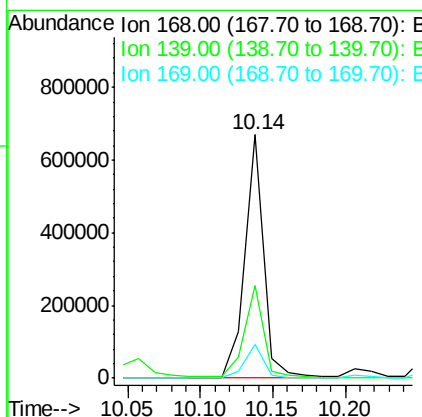
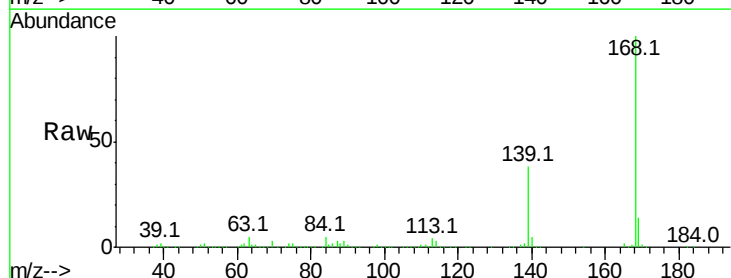
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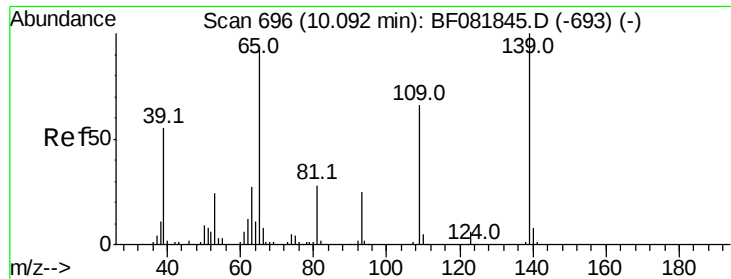
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#54
 Dibenzofuran
 Concen: 37.78 ng
 RT: 10.14 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.8	24.2	36.2
169	13.7	10.6	15.8





#55

4-Nitrophenol

Concen: 34.68 ng

RT: 10.06 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

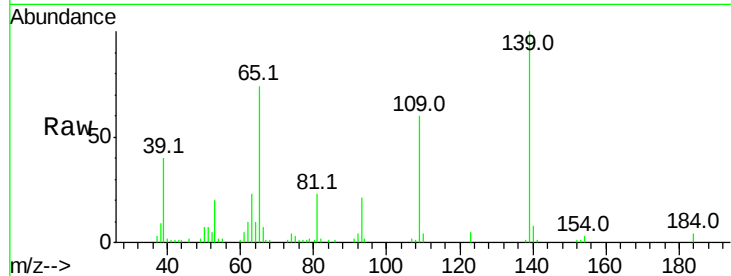
ClientSampleId :

SSTDCCC040

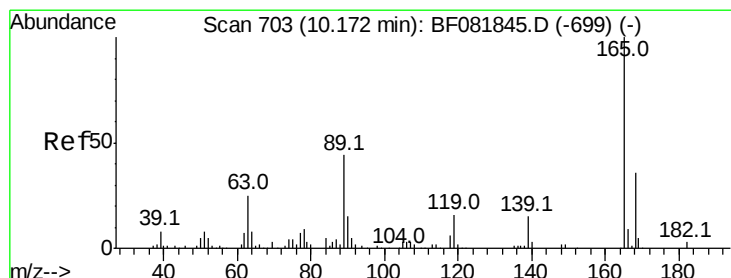
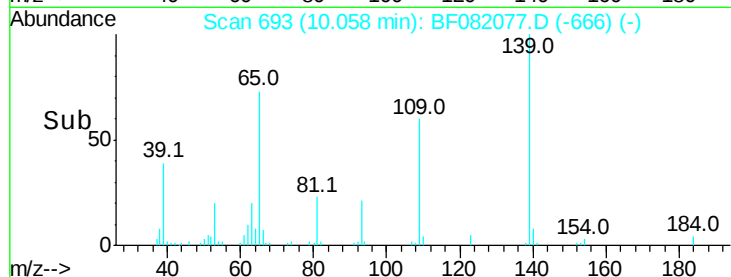
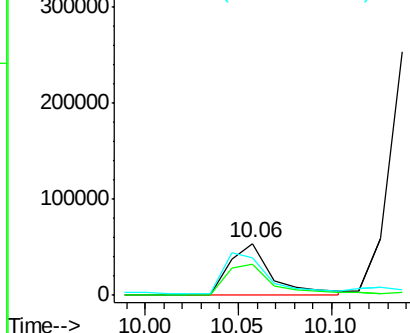
Tot Ion:	139	Resp:	86102
Ion Ratio	Lower	Upper	
139	100		
109	60.1	12.7	52.7#
65	73.8	45.9	85.9

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.60 ng

RT: 10.13 min Scan# 699

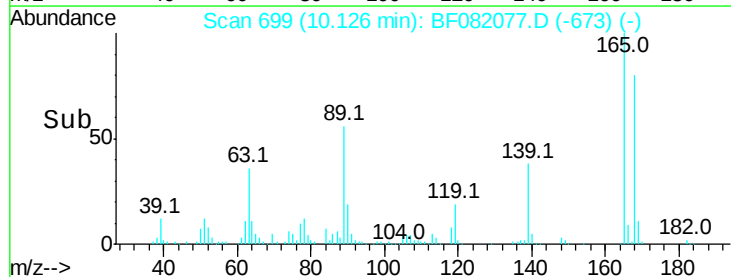
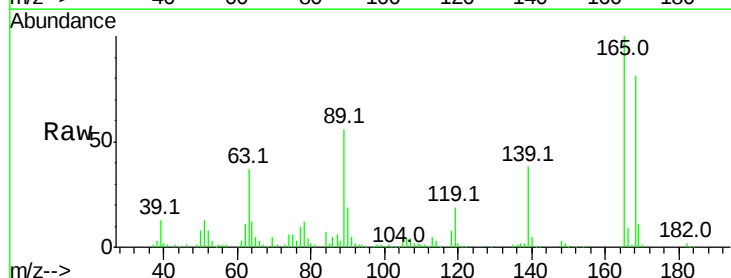
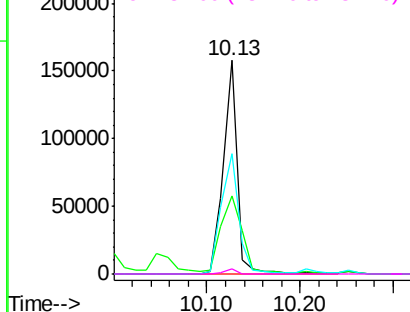
Delta R.T. 0.00 min

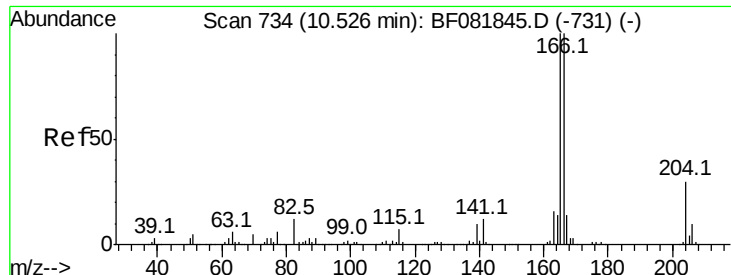
Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Tgt Ion:	165	Resp:	165064
Ion Ratio	Lower	Upper	
165	100		
63	36.6	29.8	44.6
89	56.1	44.5	66.7
182	2.3	3.0	4.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





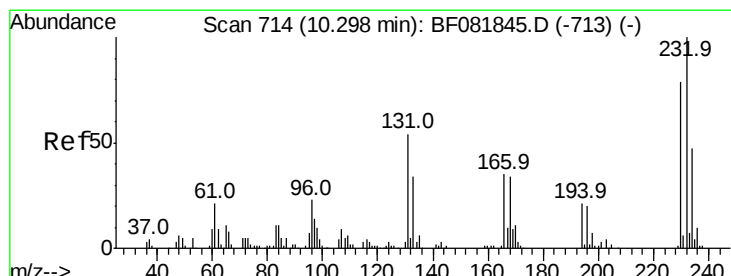
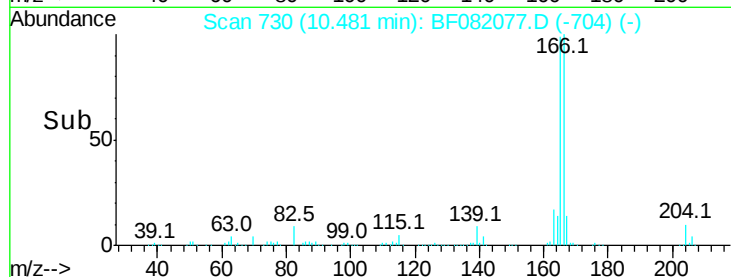
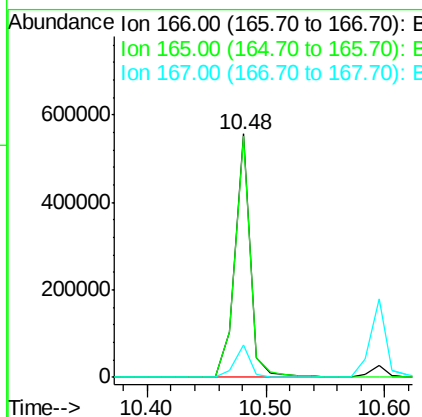
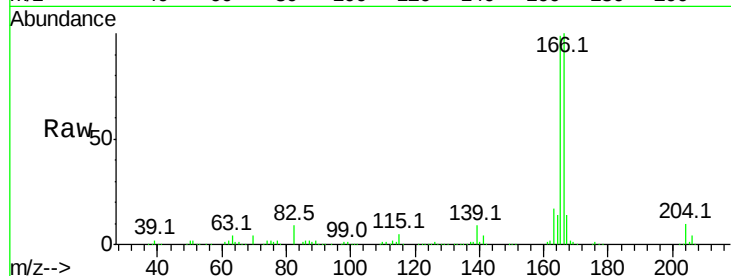
#57
Fluorene
 Concen: 43.60 ng
 RT: 10.48 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	503526		
165	98.8	72.6	109.0	
167	13.6	10.6	16.0	

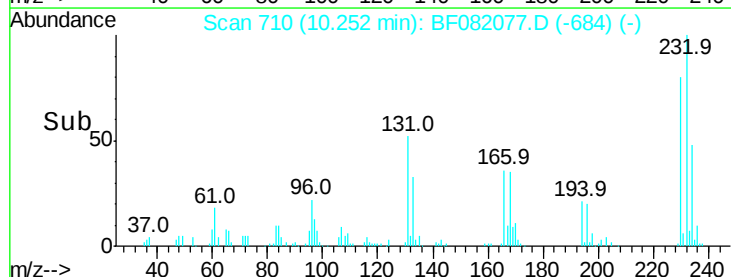
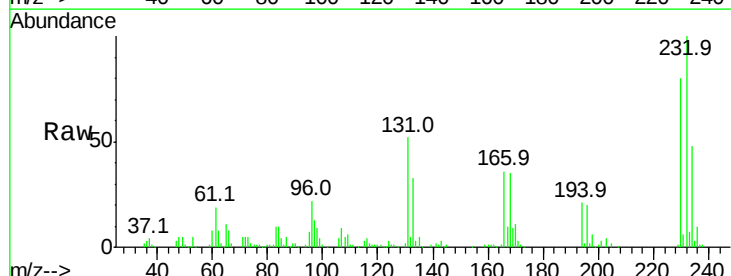
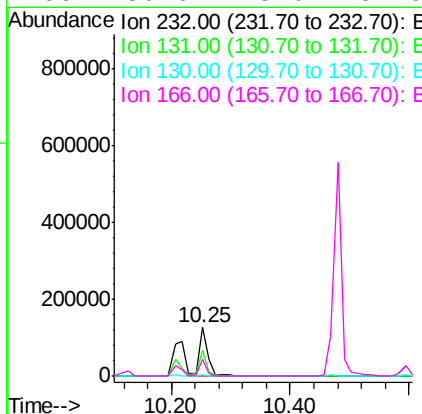
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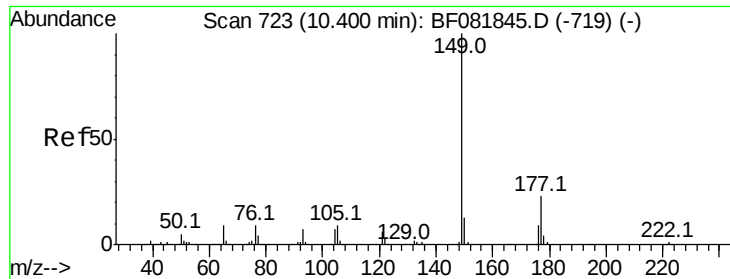
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.33 ng
 RT: 10.25 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	133821		
131	43.1	38.5	57.7	
130	1.8	1.8	2.6	
166	30.6	25.0	37.6	





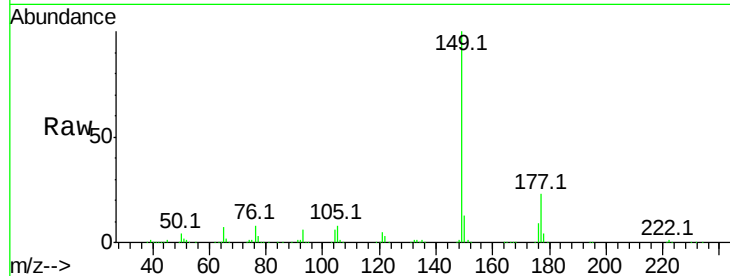
#59
Diethylphthalate
Concen: 42.18 ng
RT: 10.35 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

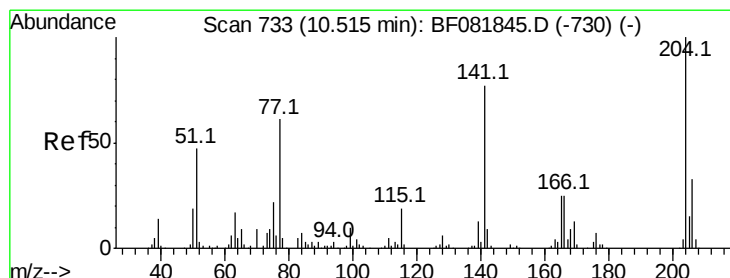
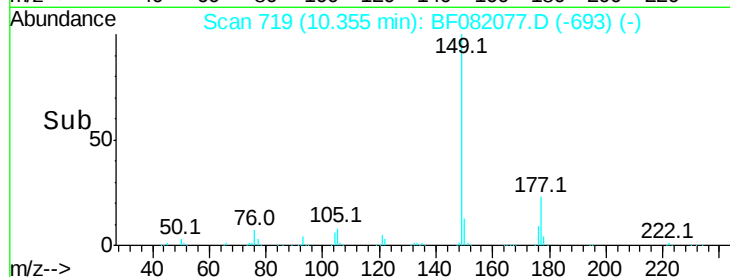
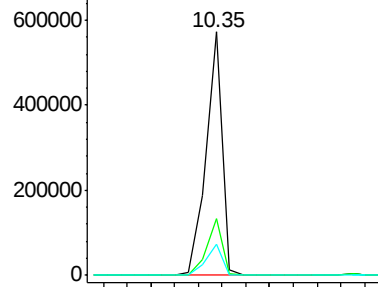
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.3	17.5	26.3	
150	12.7	9.4	14.2	

Manual Integrations
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mmdadoda
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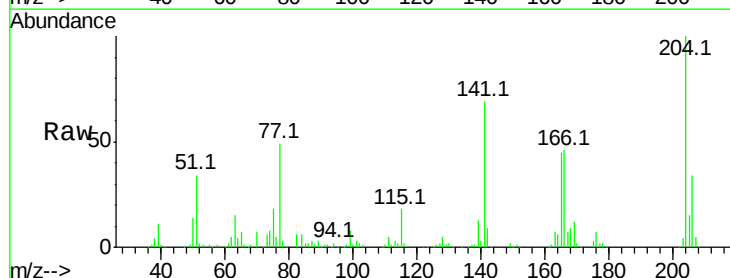


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

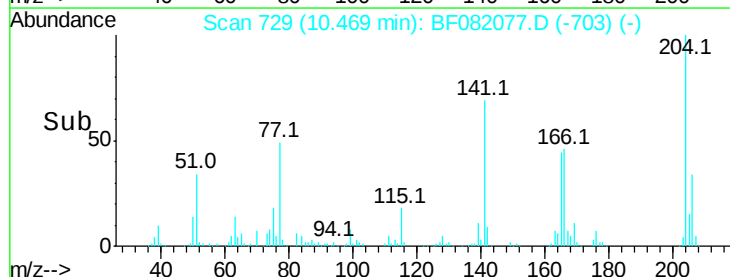
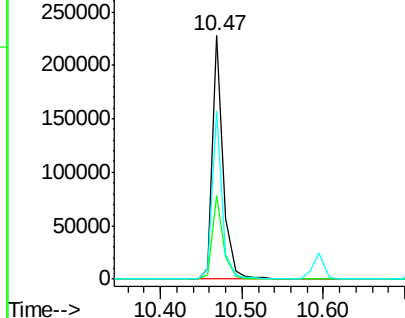


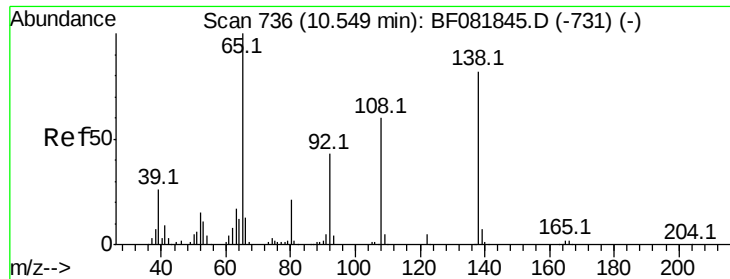
#60
4-Chlorophenyl-phenylether
Concen: 36.12 ng
RT: 10.47 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.2	24.8	37.2	
141	69.2	42.2	63.4	



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





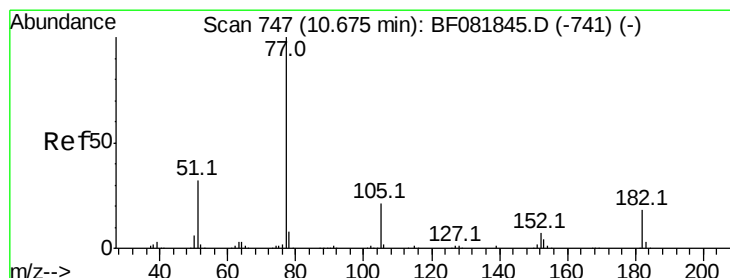
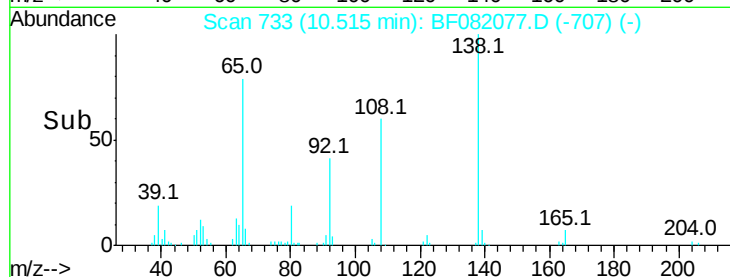
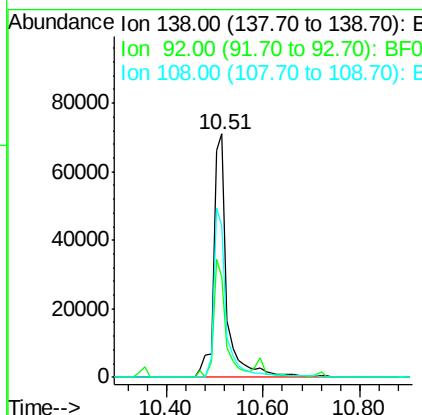
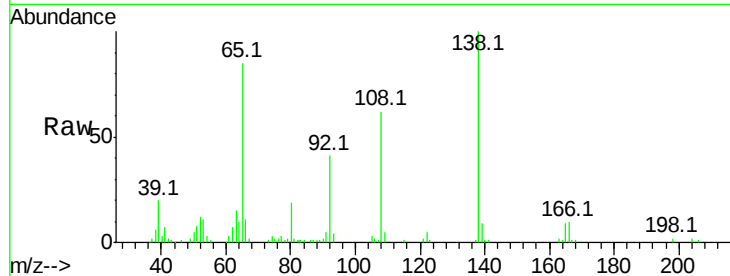
#61
4-Nitroaniline
Concen: 40.53 ng
RT: 10.51 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	139624		
92	41.3	12.6	52.6	
108	62.0	12.4	52.4#	

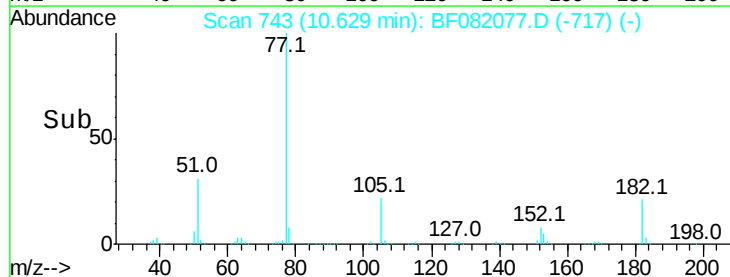
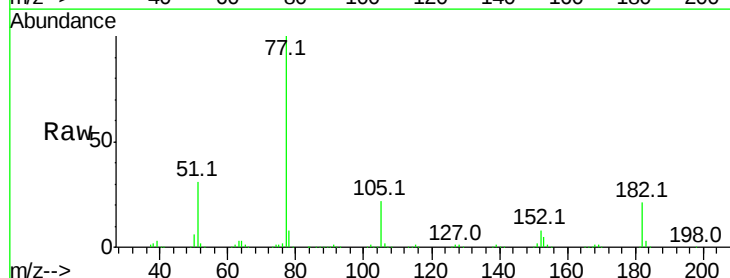
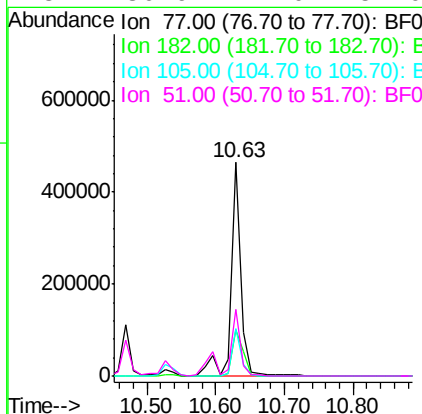
Manual Integrations
APPROVED

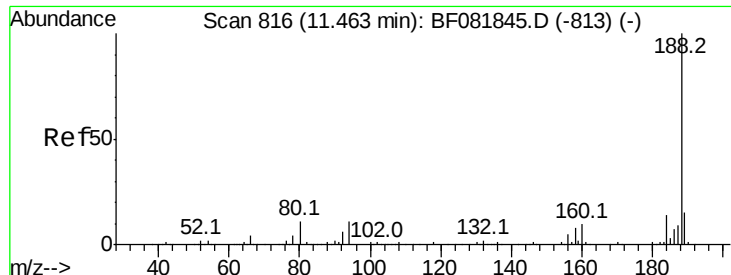
mmdadoda
10/7/2015 4:51:37 PM



#62
Azobenzene
Concen: 37.82 ng
RT: 10.63 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	471604		
182	21.4	15.1	55.1	
105	22.2	3.4	43.4	
51	30.9	12.0	52.0	





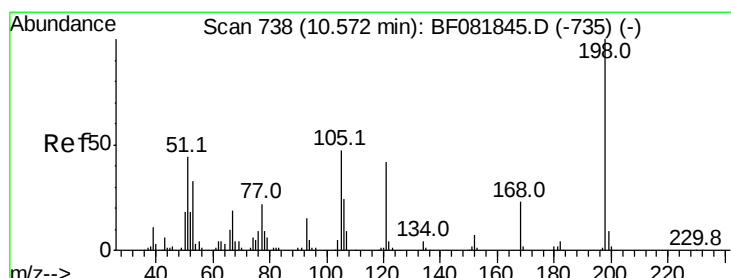
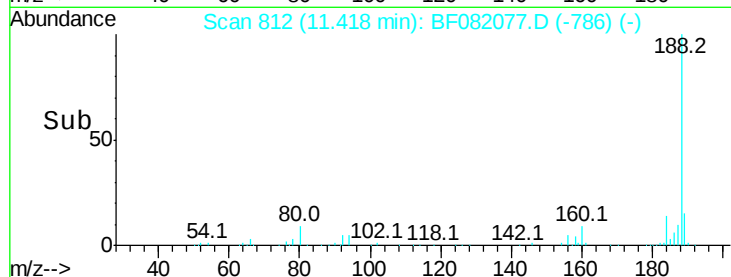
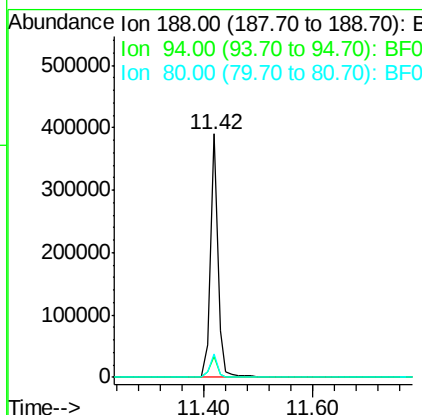
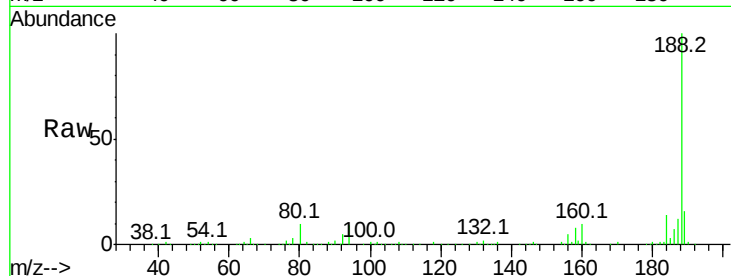
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	376242		
94	8.7	11.1	16.7#	
80	9.7	11.0	16.4#	

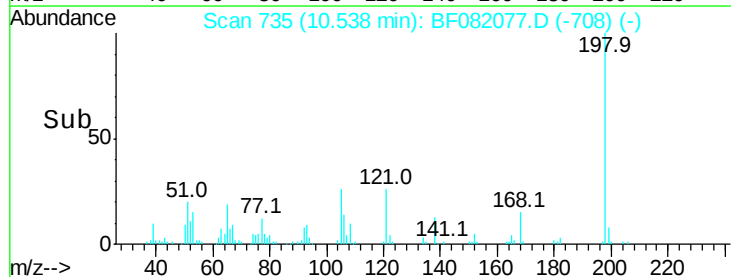
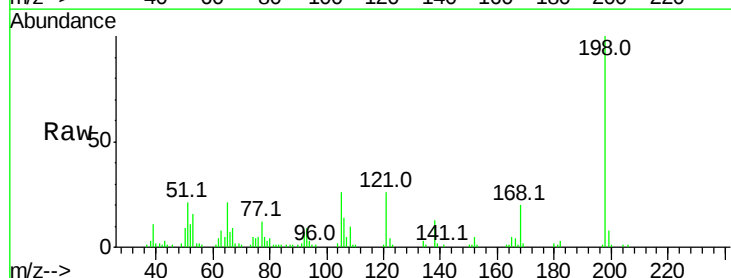
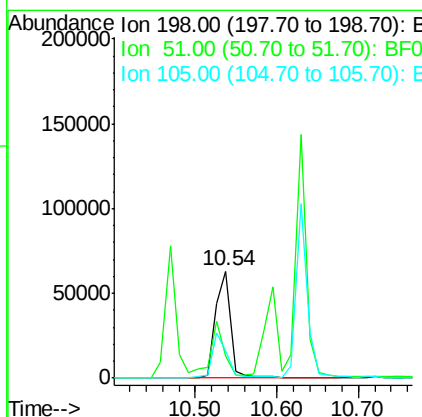
Manual Integrations
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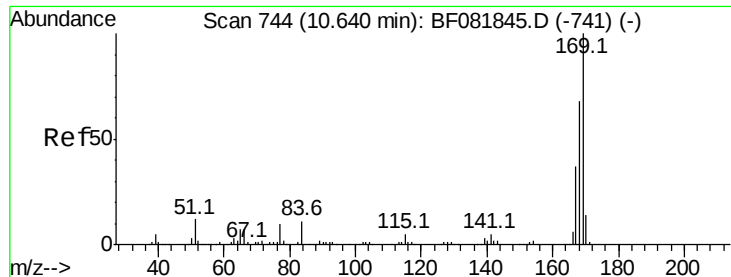
mmdadoda
 10/7/2015 4:51:37 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.06 ng
 RT: 10.54 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	82075		
51	20.6	39.6	79.6#	
105	25.9	28.5	68.5#	





#65

n-Nitrosodiphenylamine

Concen: 40.34 ng

RT: 10.59 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 459161

Ion Ratio Lower Upper

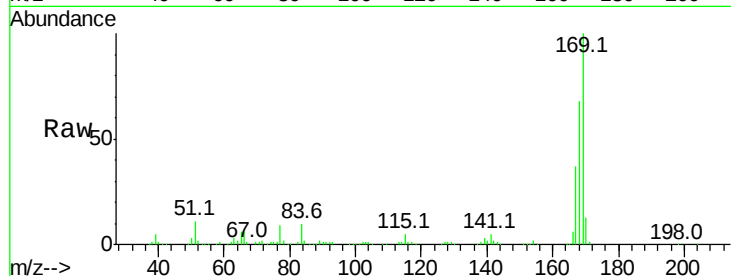
169 100

168 68.1 48.9 73.3

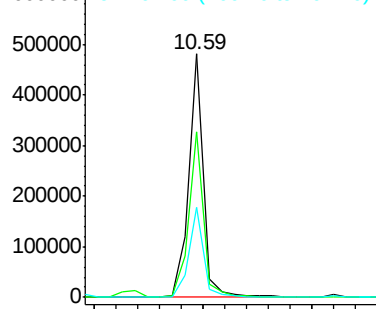
167 37.1 26.2 39.4

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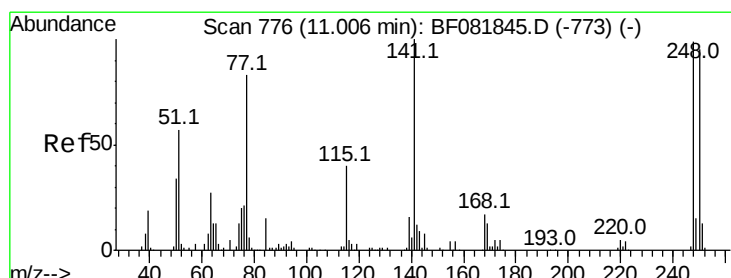
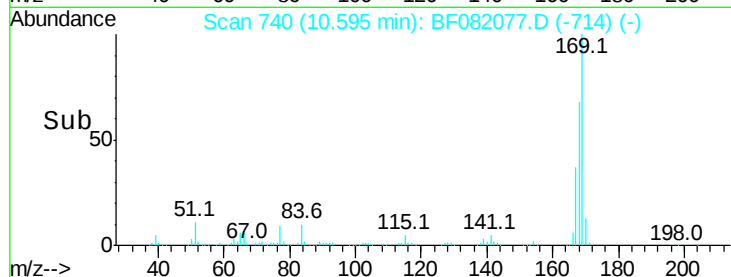
mmdadoda
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 38.92 ng

RT: 10.96 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

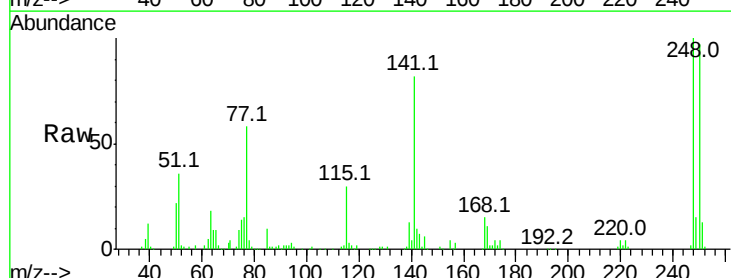
Tgt Ion:248 Resp: 147659

Ion Ratio Lower Upper

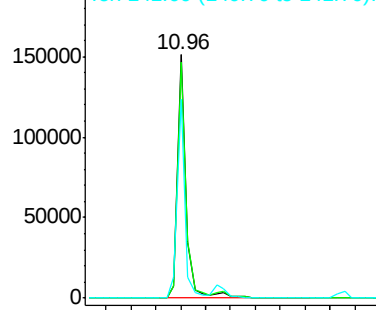
248 100

250 96.8 78.5 117.7

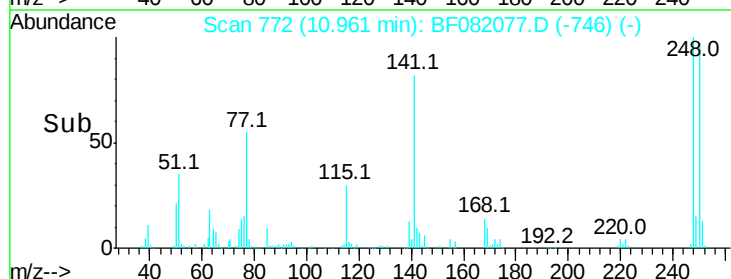
141 81.9 59.0 88.6

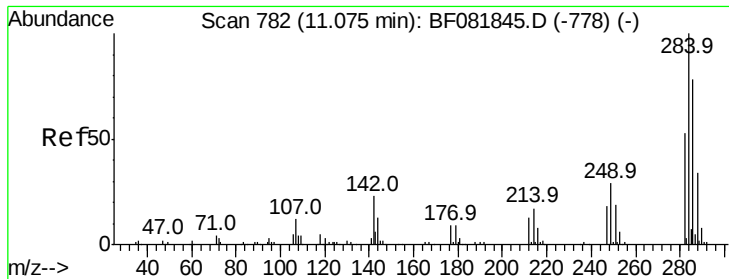


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





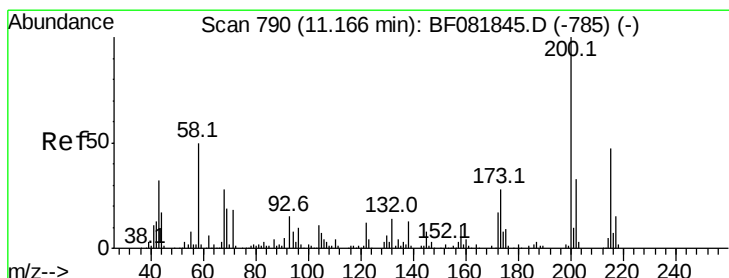
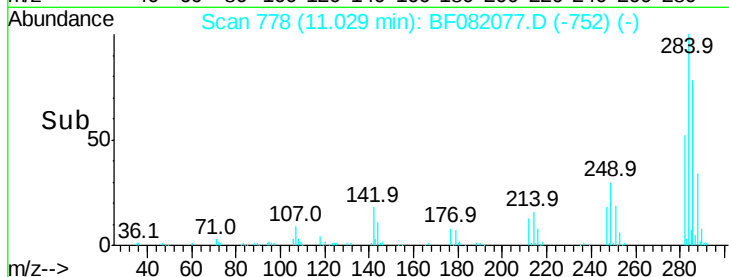
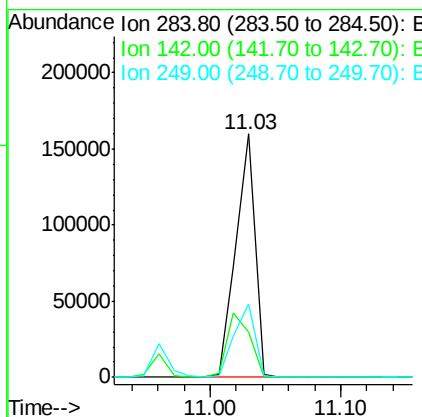
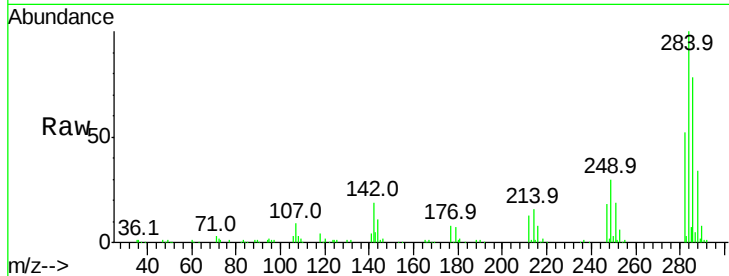
#67
Hexachlorobenzene
Concen: 38.06 ng
RT: 11.03 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	18.7	29.5	44.3#	
249	30.2	19.5	29.3#	

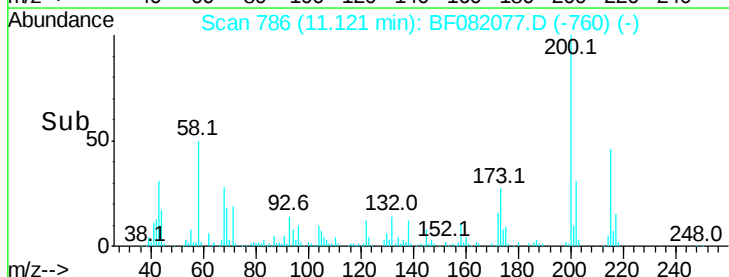
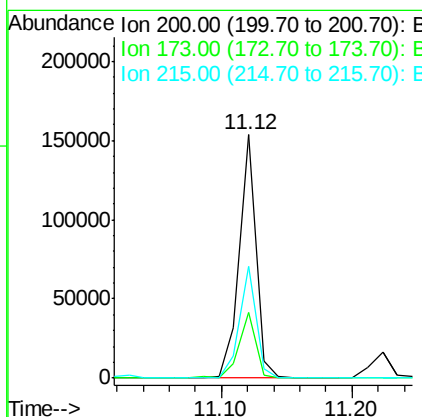
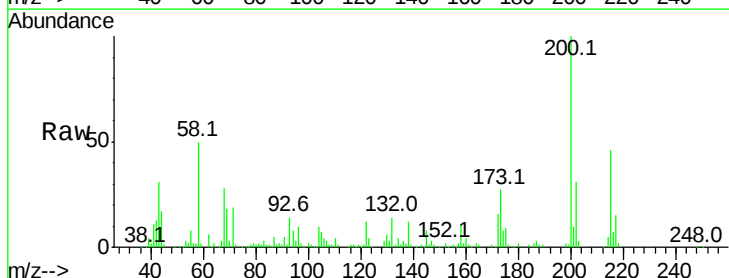
Manual Integrations
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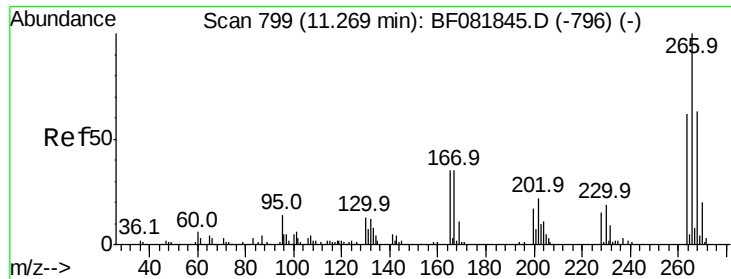
mmdadoda
10/7/2015 4:51:37 PM



#68
Atrazine
Concen: 38.69 ng
RT: 11.12 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.8	13.2	53.2	
215	46.0	41.8	81.8	





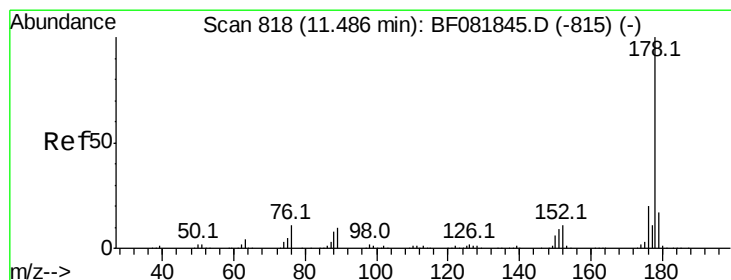
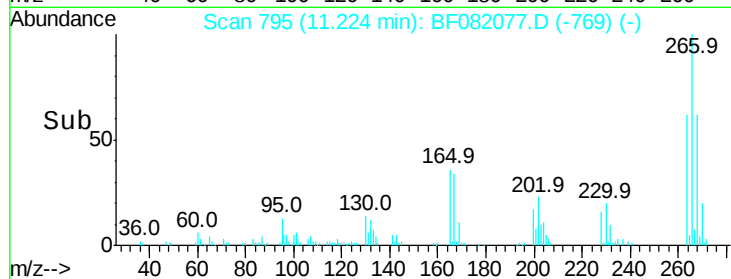
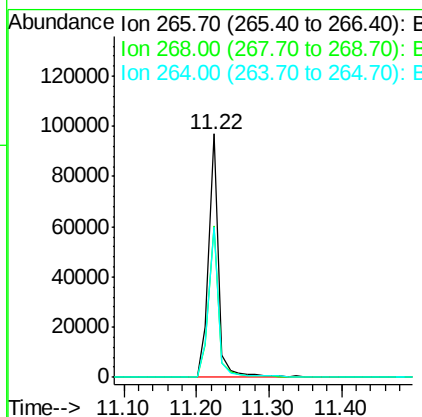
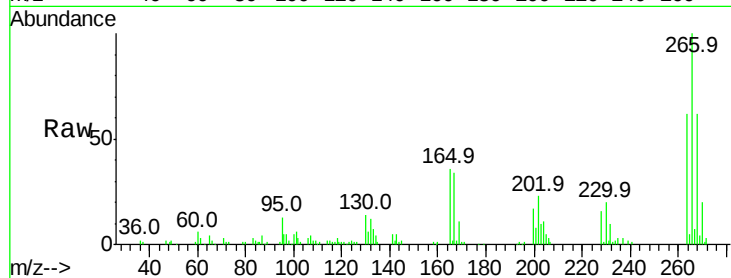
#69
 Pentachlorophenol
 Concen: 38.45 ng
 RT: 11.22 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	93799		
268	62.1		49.8	74.6
264	61.8		50.2	75.2

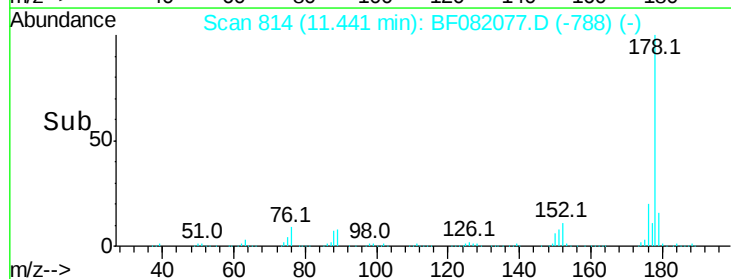
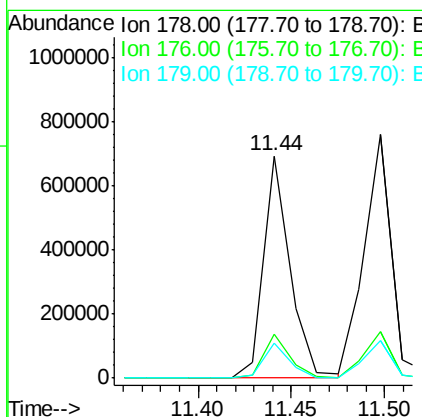
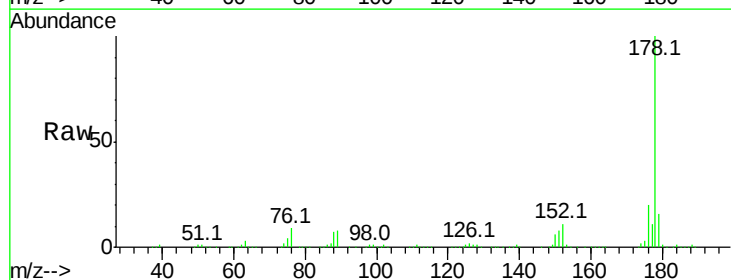
Manual Integrations
 APPROVED

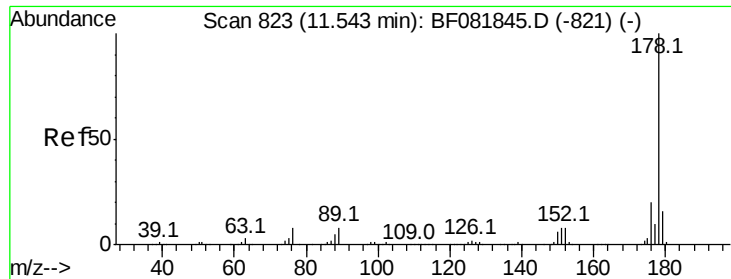
mmdadoda
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#70
 Phenanthrene
 Concen: 37.50 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	683991		
176	19.8		13.8	20.8
179	16.0		12.2	18.2





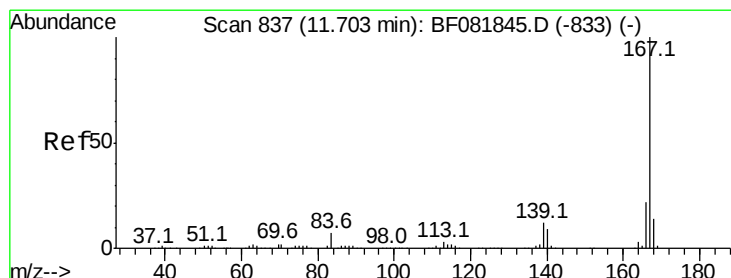
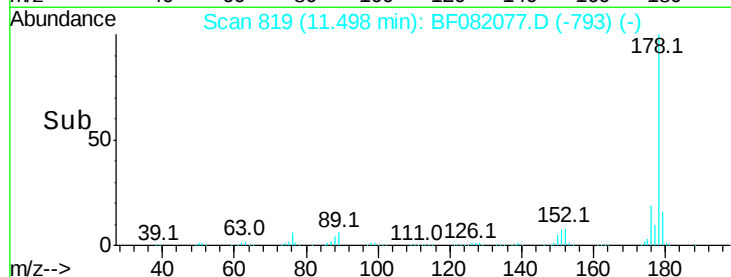
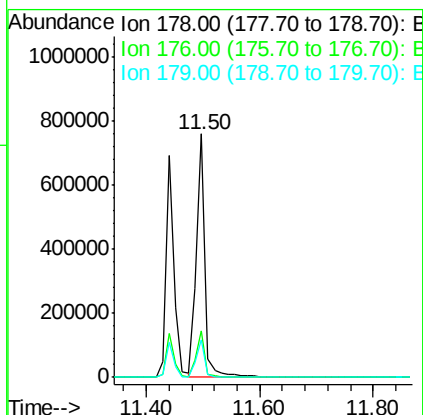
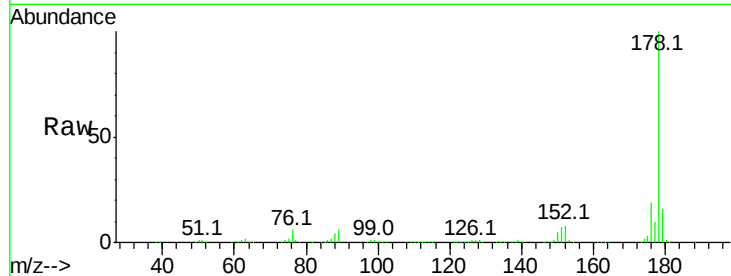
#71
 Anthracene
 Concen: 42.11 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.1	21.1
179	15.6	12.2	18.2

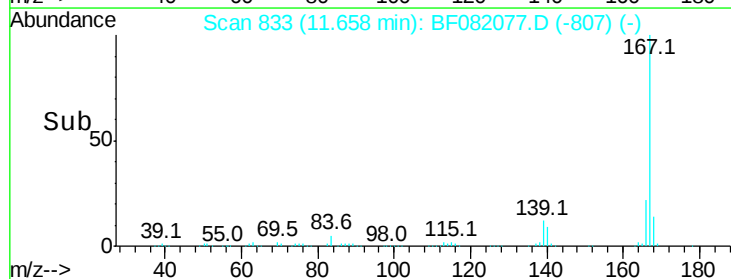
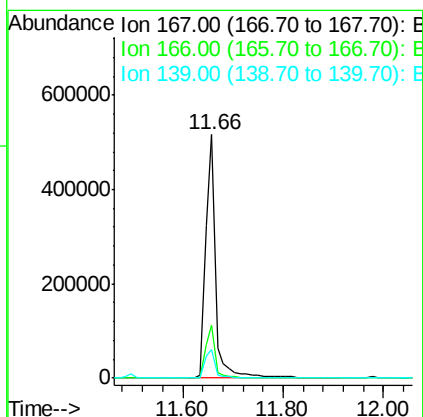
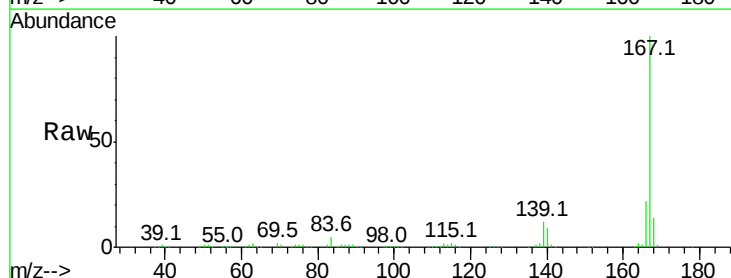
Manual Integrations
 APPROVED

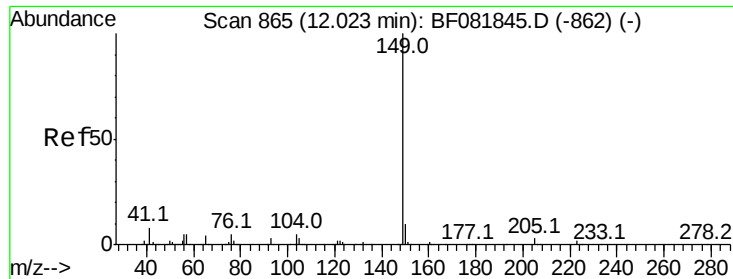
mmdadoda
 10/7/2015 4:51:37 PM



#72
 Carbazole
 Concen: 40.90 ng
 RT: 11.66 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	15.7	23.5
139	11.8	9.5	14.3





#73

Di-n-butylphthalate

Concen: 45.97 ng

RT: 11.98 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

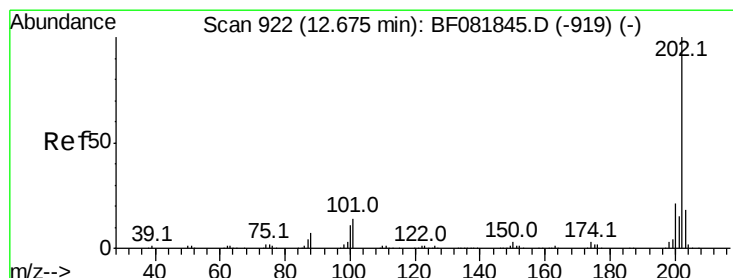
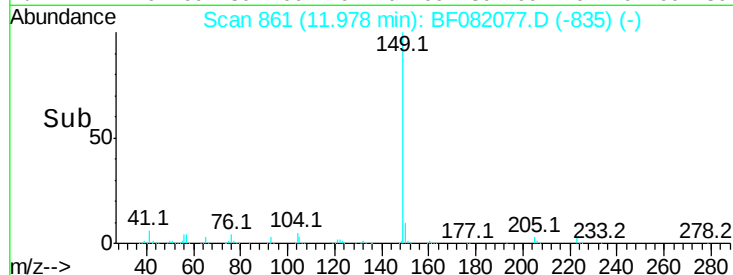
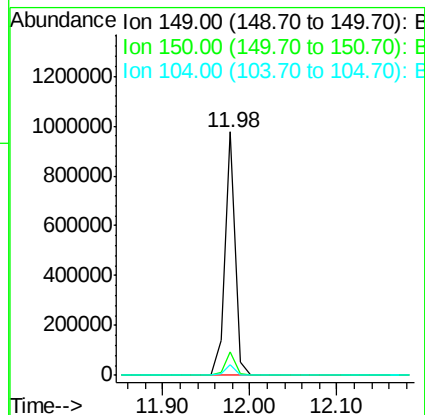
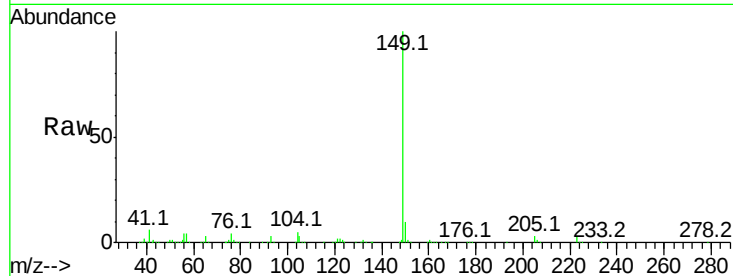
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	809822
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.4	11.2
104	4.5	2.4	3.6#

Manual Integrations
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mmdadoda
10/7/2015 4:51:37 PM



#74

Fluoranthene

Concen: 36.67 ng

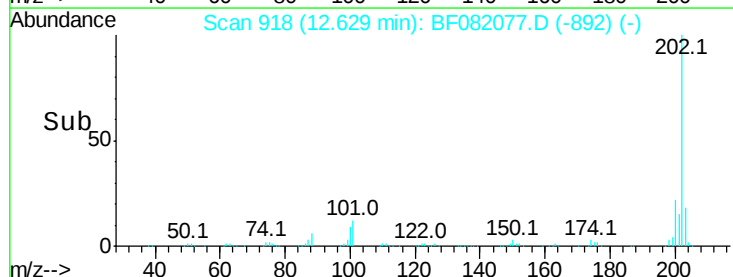
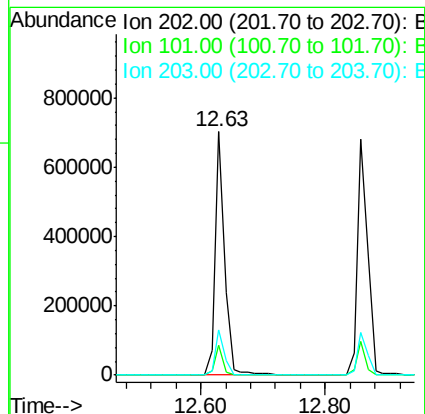
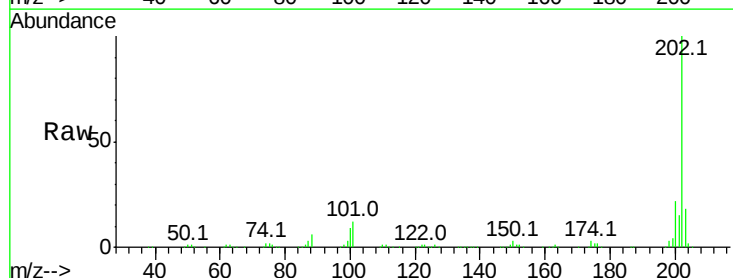
RT: 12.63 min Scan# 918

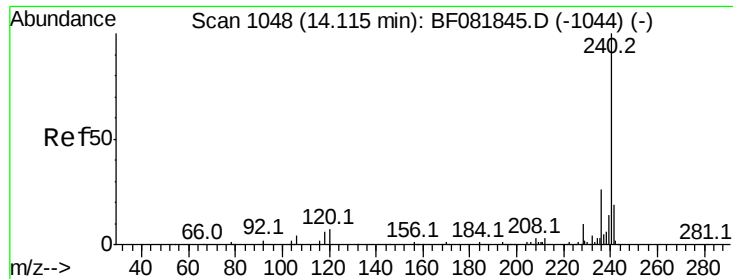
Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Tgt Ion:	202	Resp:	739063
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	38.3
203	18.4	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

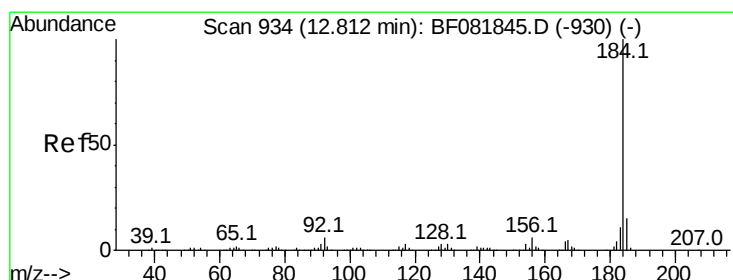
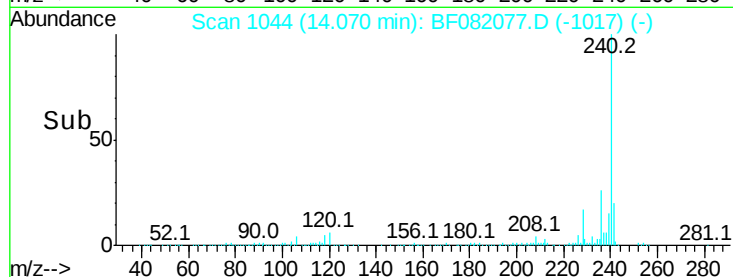
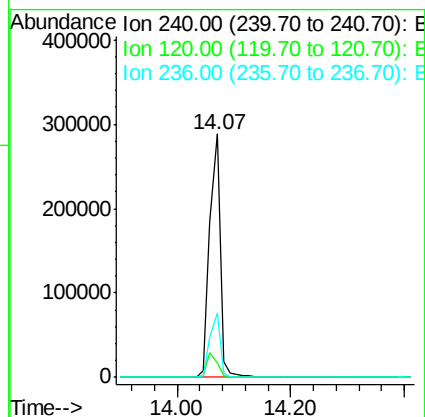
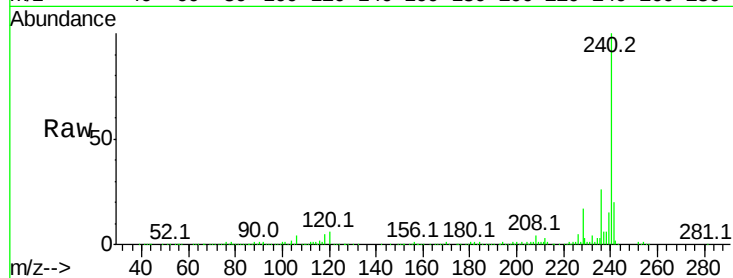
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	355893
Ion Ratio	Lower	Upper	
240	100		
120	5.8	16.2	24.2#
236	26.4	18.4	27.6

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mmdadoda
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#76

Benzidine

Concen: 40.83 ng

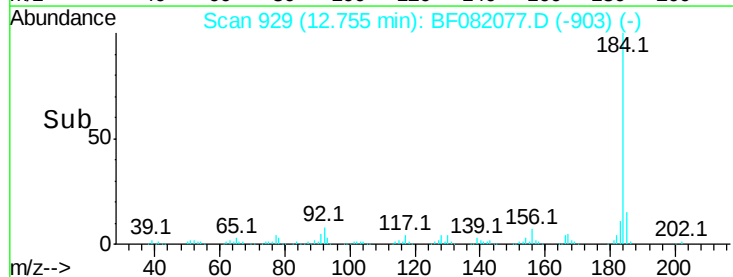
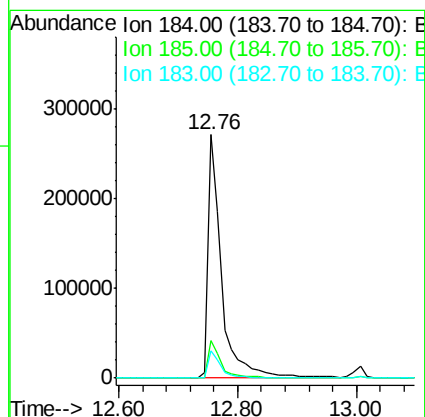
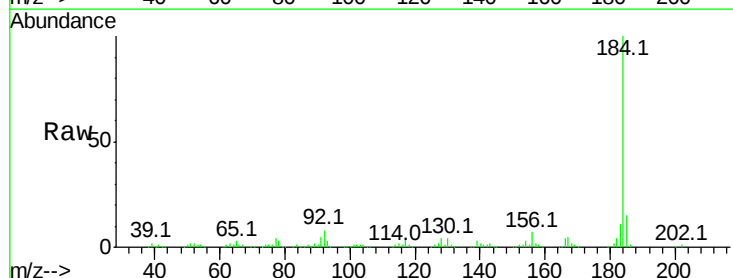
RT: 12.76 min Scan# 929

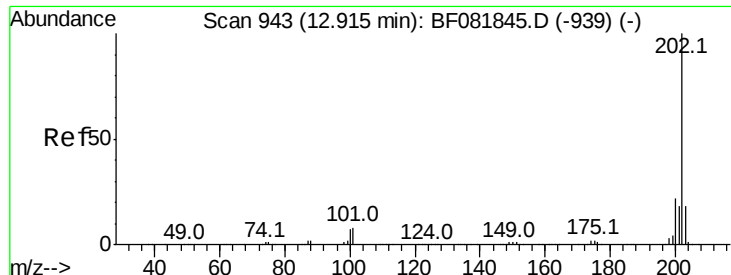
Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Tgt Ion:	184	Resp:	437774
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.8	17.6
183	11.3	7.6	11.4





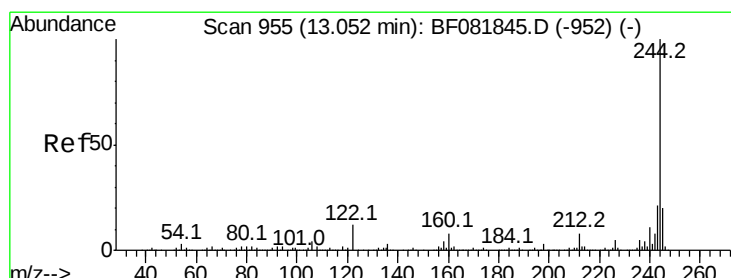
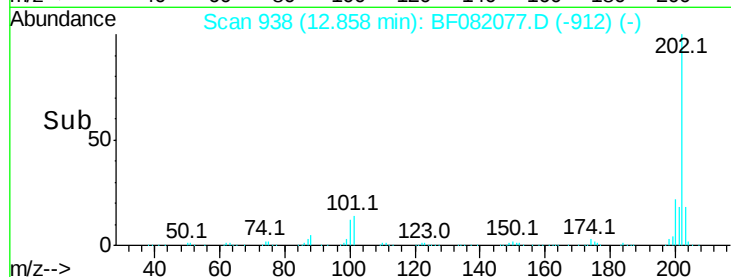
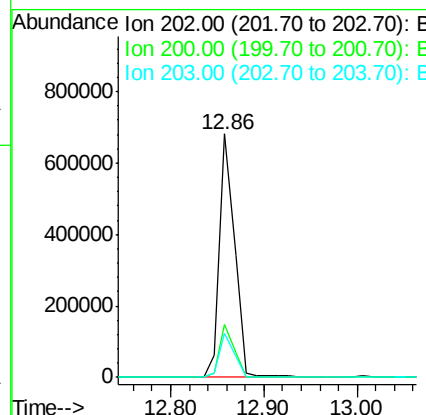
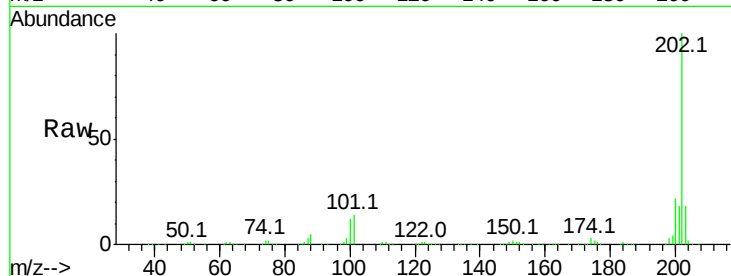
#77
Pvrene
Concen: 35.99 ng
RT: 12.86 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	15.0	22.4
203	17.9	14.1	21.1

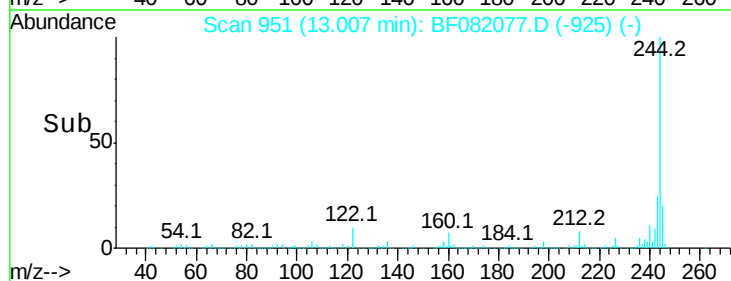
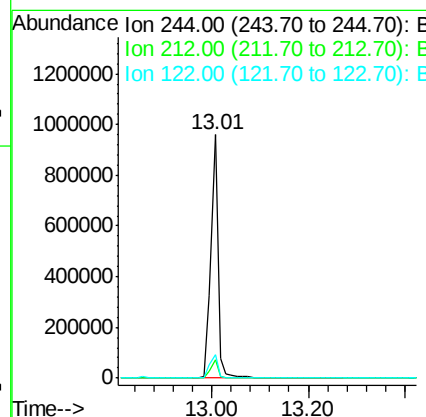
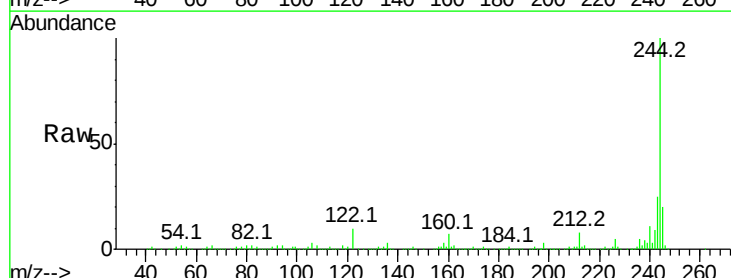
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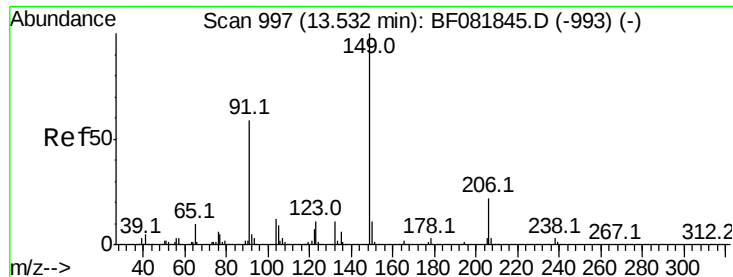
mmdadoda
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#78
Terphenyl-d14
Concen: 92.01 ng
RT: 13.01 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	9.6	17.4	26.2#





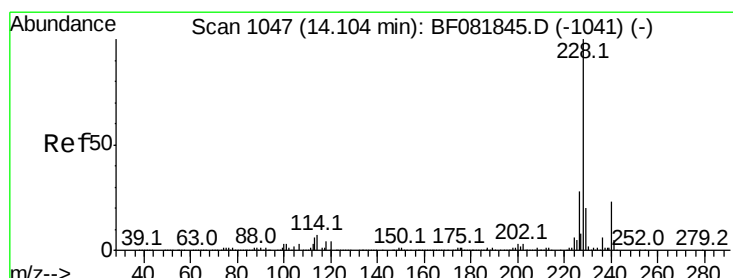
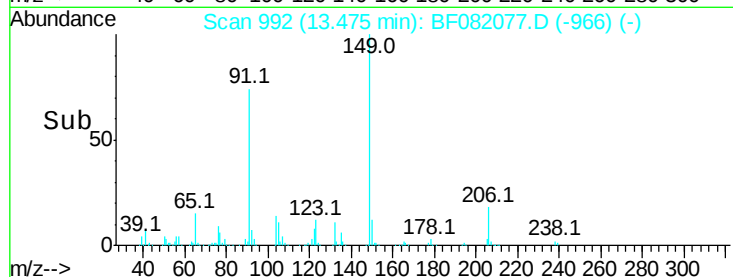
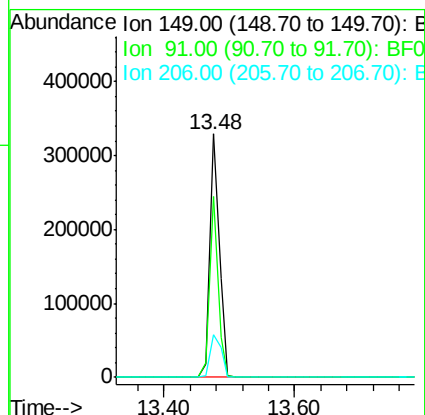
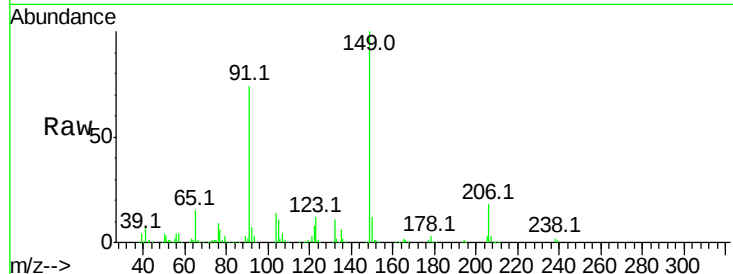
#79
Butylbenzylphthalate
Concen: 42.11 ng
RT: 13.48 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	336925		
91	74.2	48.6	72.8#	
206	17.7	14.9	22.3	

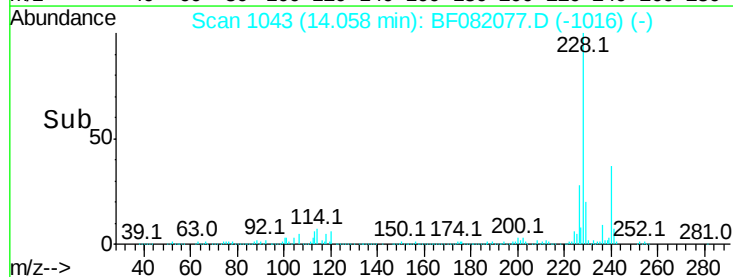
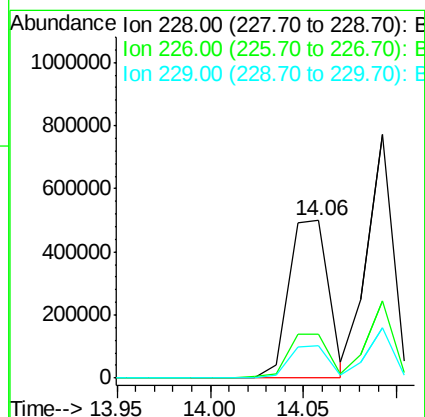
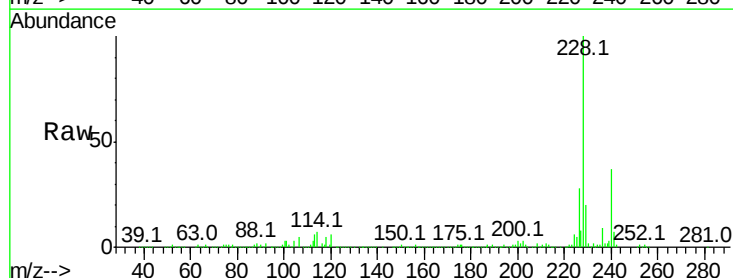
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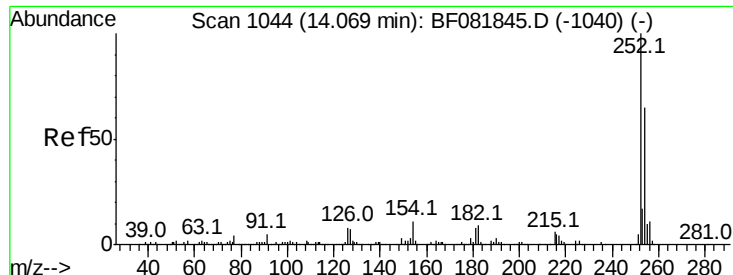
mmdadoda
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#80
Benzo(a)anthracene
Concen: 38.87 ng
RT: 14.06 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	744853		
226	28.0	20.0	30.0	
229	20.2	15.4	23.2	





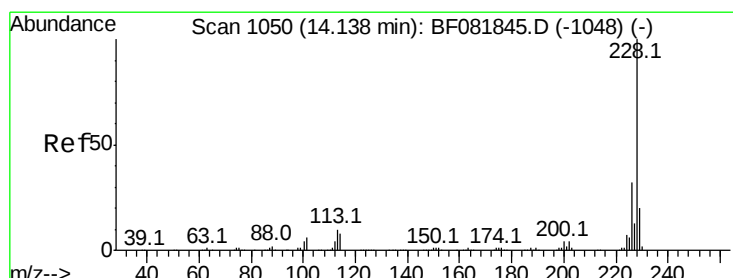
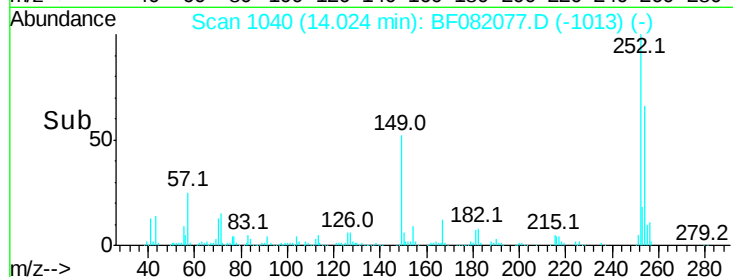
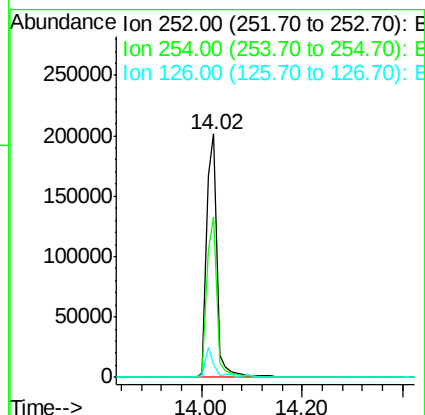
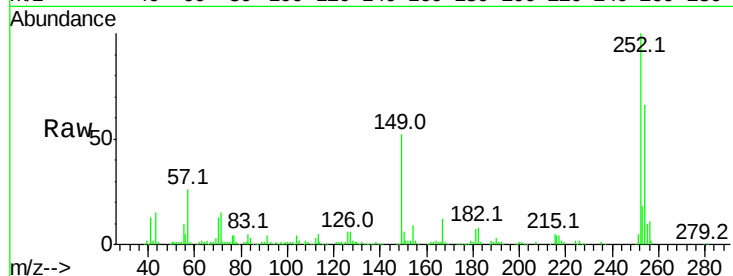
#81
 3,3'-Dichlorobenzidine
 Concen: 44.71 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.0	51.4	77.2
126	5.6	16.4	24.6

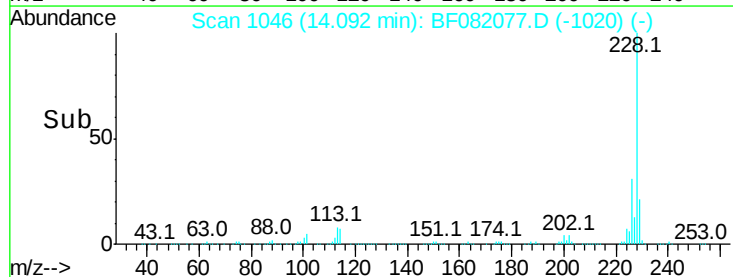
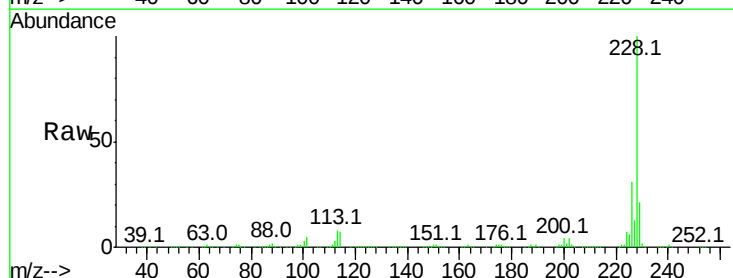
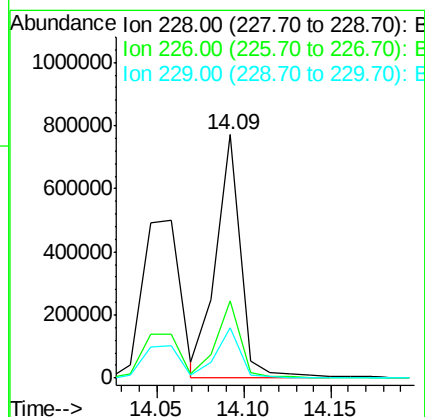
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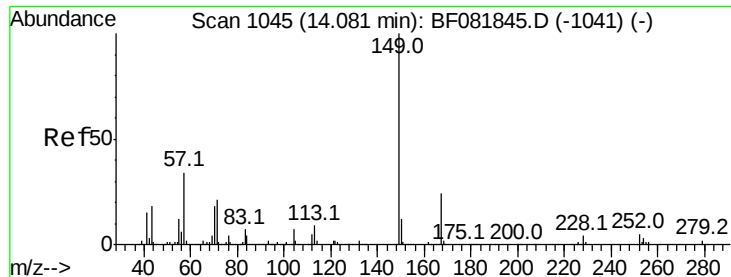
mmdadoda
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#82
 Chrysene
 Concen: 46.79 ng m
 RT: 14.09 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	21.0	31.4
229	20.6	15.6	23.4





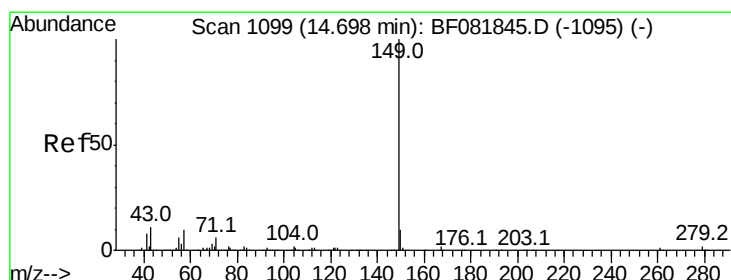
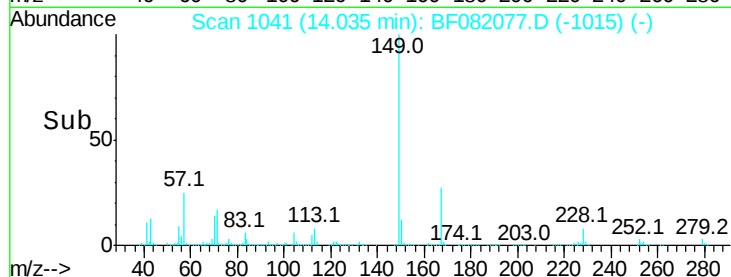
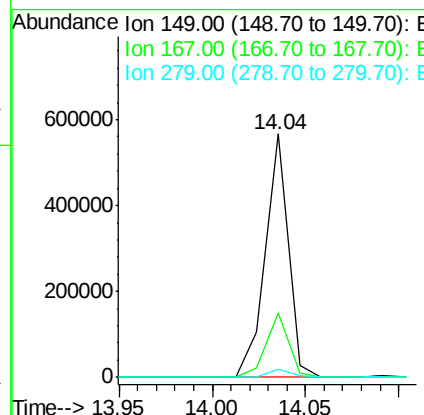
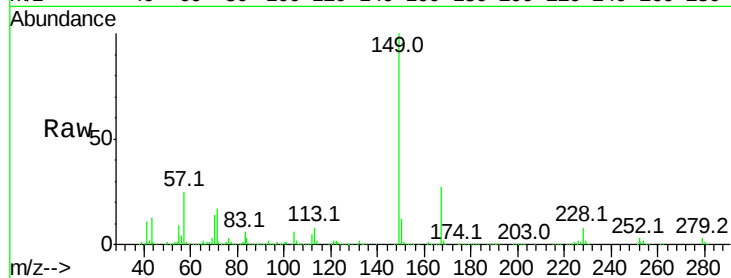
#83
Bis(2-ethylhexyl)phthalate
Concen: 48.17 ng
RT: 14.04 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	483441		
167	26.6	24.2	36.2	
279	3.3	3.8	5.6	

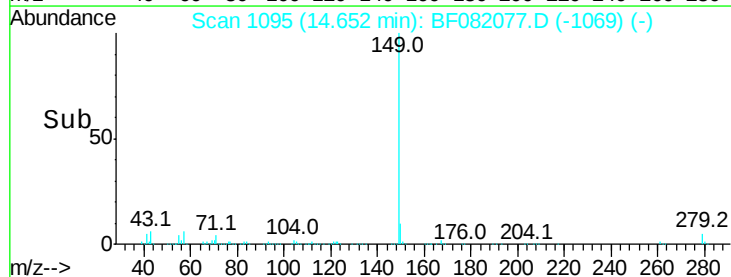
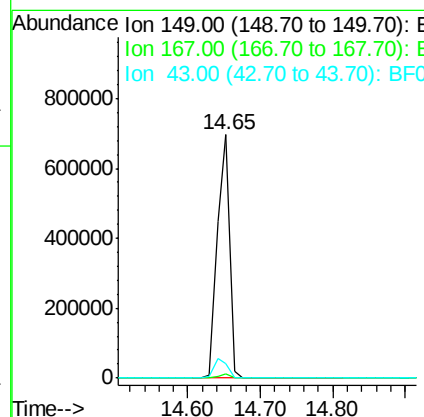
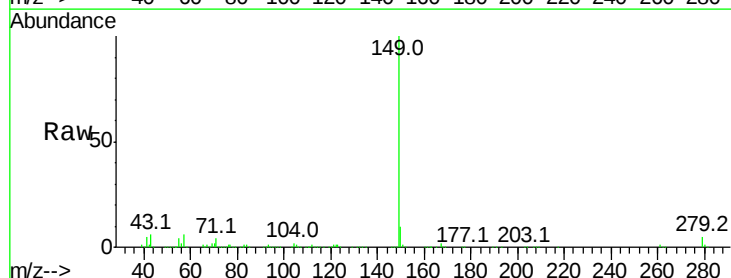
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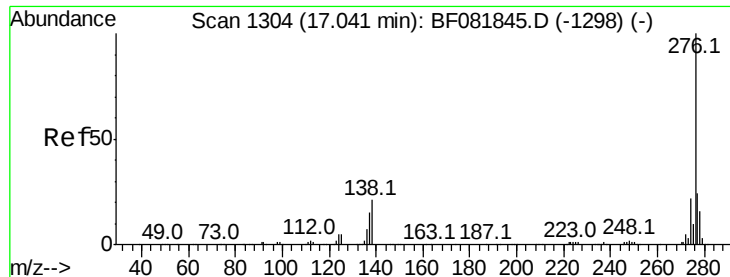
mmdadoda
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#84
Di-n-octyl phthalate
Concen: 49.72 ng
RT: 14.65 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF082077.D
Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	812063		
167	1.5	1.0	1.6	
43	8.6	10.2	15.2	





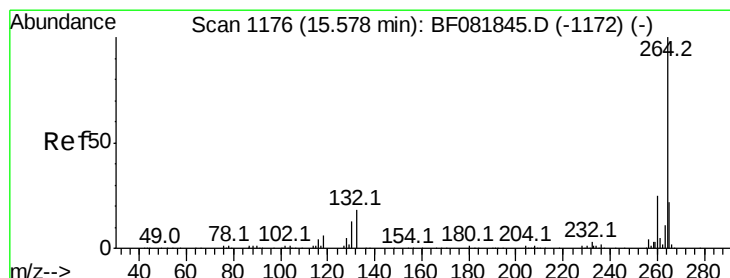
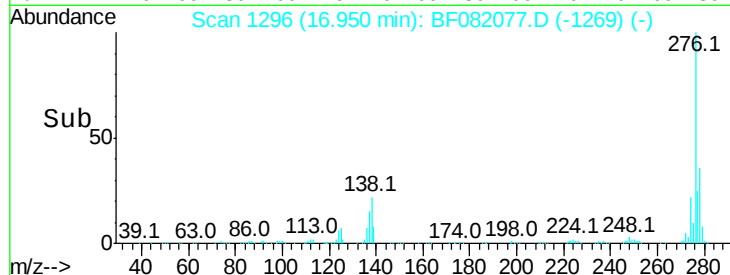
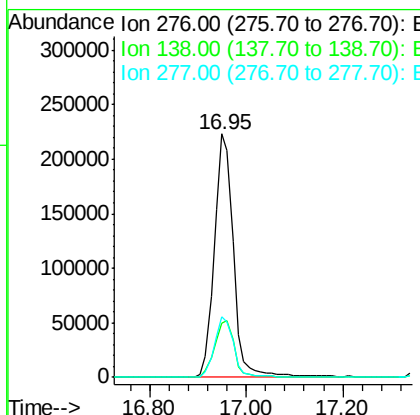
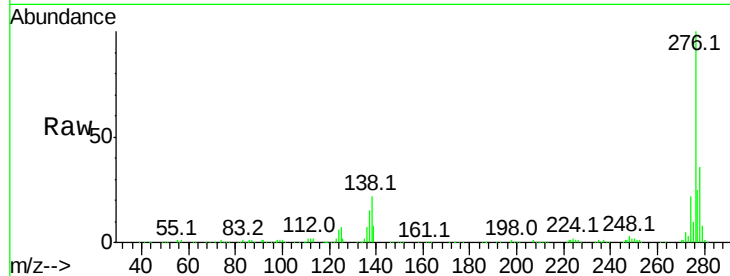
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.59 ng
 RT: 16.95 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.7	38.5#
277	25.1	15.6	23.4#

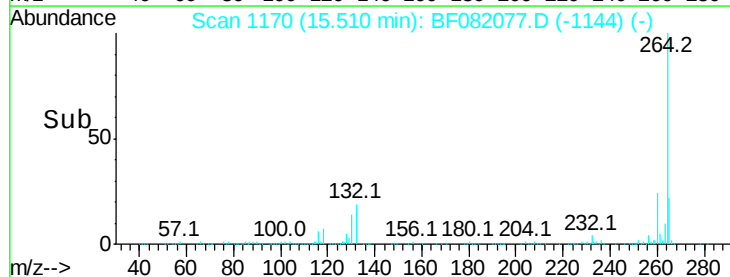
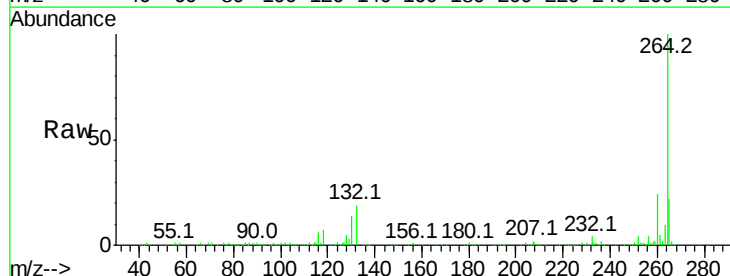
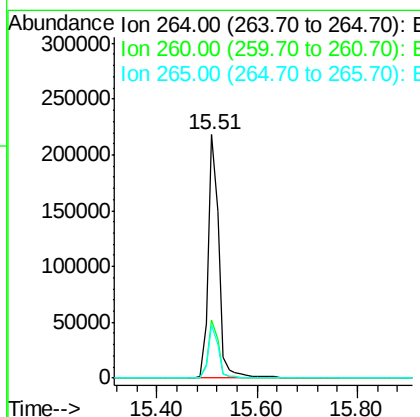
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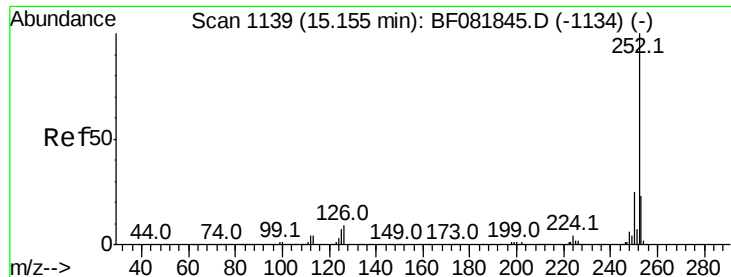
mmdadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.98 ng

RT: 15.10 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

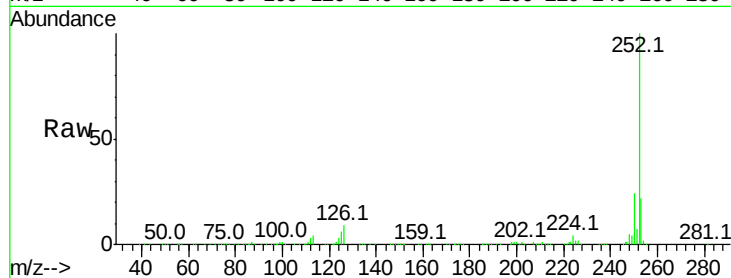
ClientSampleId :

SSTDCCC040

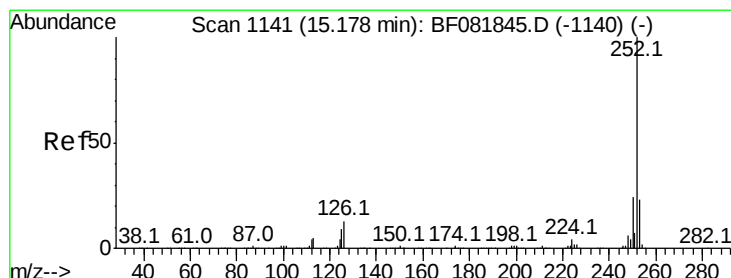
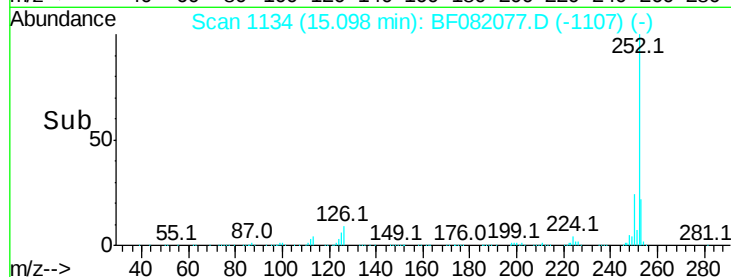
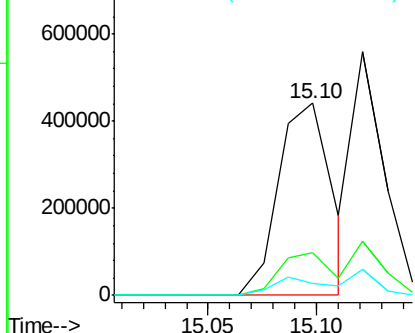
Tot Ion	Ratio	Resp	Lower	Upper
252	100	749865		
253	22.0		17.5	26.3
125	6.4		17.1	25.7#

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



#88

Benzo(k)fluoranthene

Concen: 36.33 ng m

RT: 15.12 min Scan# 1136

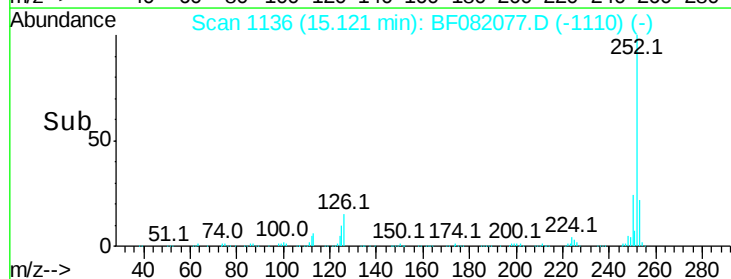
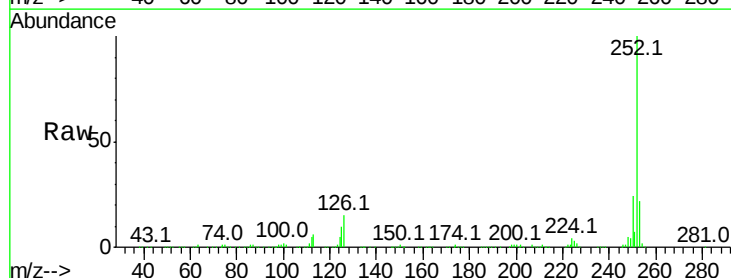
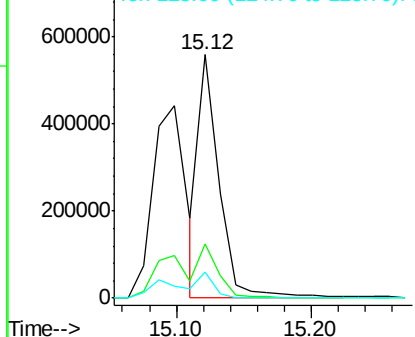
Delta R.T. 0.00 min

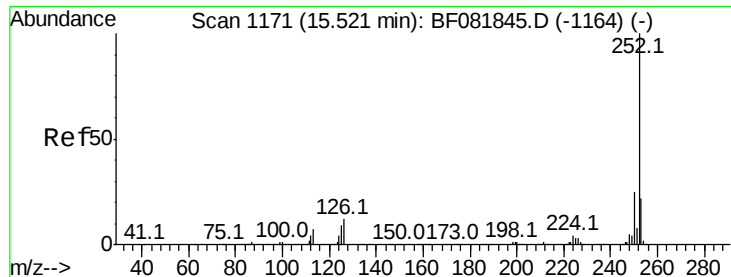
Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	609346		
253	22.2		17.0	25.4
125	10.5		16.0	24.0#

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





#89

Benzo(a)pyrene

Concen: 39.63 ng

RT: 15.45 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Instrument :

BNA_F

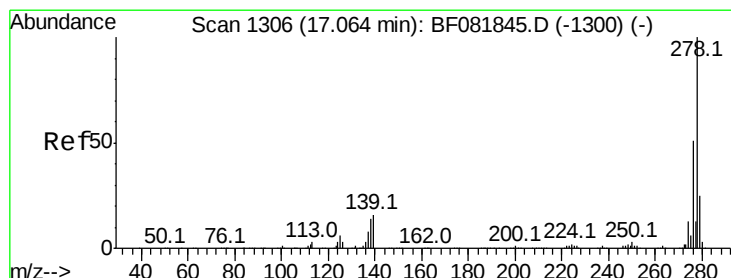
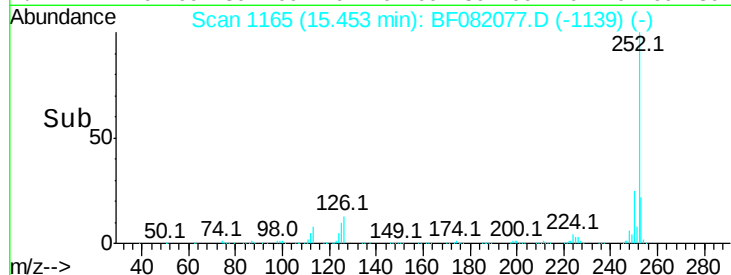
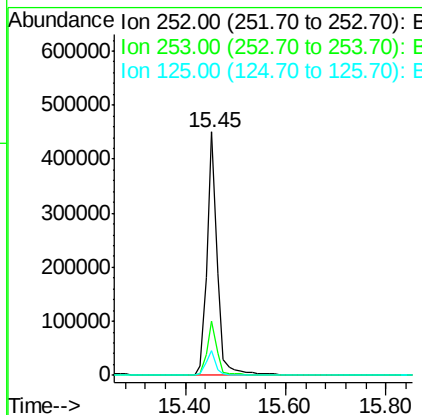
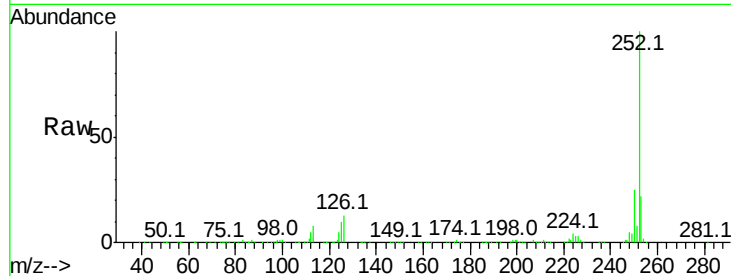
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	629114
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.3	18.0	27.0#

Manual Integrations
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mmdadoda
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#90

Dibenzo(a,h)anthracene

Concen: 38.41 ng

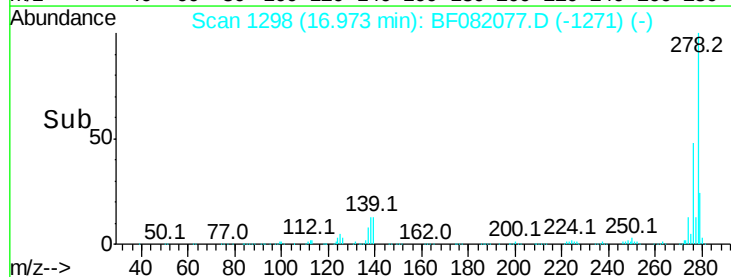
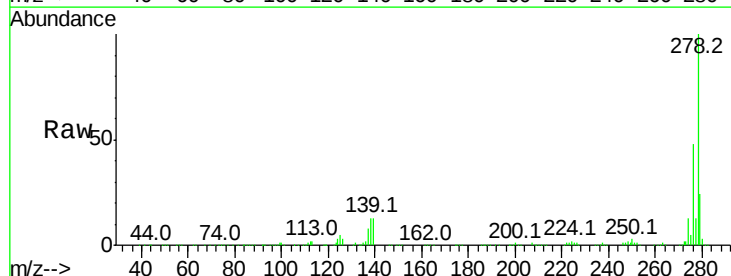
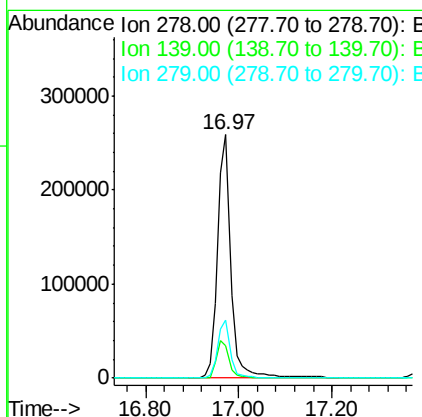
RT: 16.97 min Scan# 1298

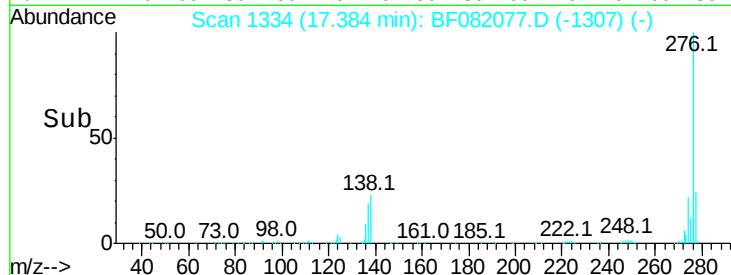
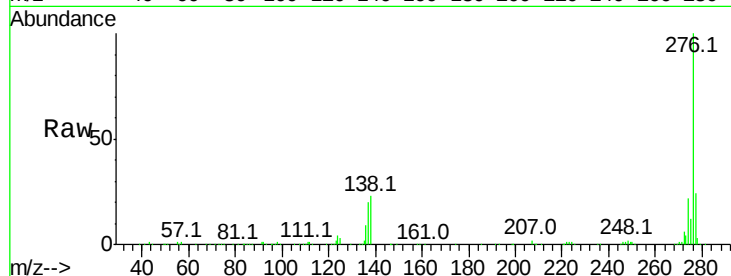
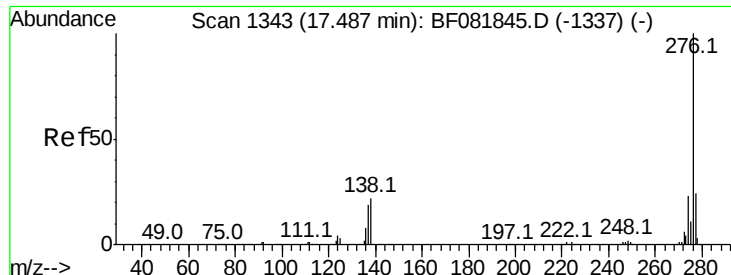
Delta R.T. 0.01 min

Lab File: BF082077.D

Acq: 6 Oct 2015 11:32

Tgt Ion:	278	Resp:	511532
Ion Ratio		Lower	Upper
278	100		
139	13.4	26.3	39.5#
279	23.7	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.71 ng
 RT: 17.38 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF082077.D
 Acq: 6 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.8	26.6
138	22.6	34.6	51.8

Manual Integrations
 APPROVED

mmdadoda
 10/7/2015 4:51:37 PM

