

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082813.D
 Acq On : 8 Nov 2015 00:38
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:08:40 PM

Quant Time: Nov 09 01:31:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	154762	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	588509	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	262829	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	413167	20.00	ng	0.00
75) Chrysene-d12	14.02	240	298234	20.00	ng	0.00
86) Perylene-d12	15.44	264	321803	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	983364	98.86	ng	0.01
7) Phenol-d6	6.50	99	1004684	75.98	ng	0.02
23) Nitrobenzene-d5	7.42	82	1063116	78.60	ng	0.01
41) 2,4,6-Tribromophenol	10.68	330	192957	64.03	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1446711	78.89	ng	0.00
78) Terphenyl-d14	12.97	244	1196473	95.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	233805	54.48	ng	96
3) Pyridine	3.15	79	737782	59.24	ng	97
4) n-Nitrosodimethylamine	3.10	42	322305	52.18	ng	# 77
6) Aniline	6.51	93	657158	35.40	ng	# 15
8) 2-Chlorophenol	6.64	128	395602	35.88	ng	# 77
9) Benzaldehyde	6.40	77	318793	43.64	ng	89
10) Phenol	6.51	94	620629	41.36	ng	80
11) bis(2-Chloroethyl)ether	6.59	93	417133	37.18	ng	90
12) 1,3-Dichlorobenzene	6.80	146	493910m	39.72	ng	
13) 1,4-Dichlorobenzene	6.88	146	483544m	37.37	ng	
14) 1,2-Dichlorobenzene	7.02	146	422842	35.94	ng	95
15) Benzyl Alcohol	7.00	79	442952	38.14	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	602822	36.63	ng	96
17) 2-Methylphenol	7.12	107	325931	34.90	ng	99
18) Hexachloroethane	7.37	117	154517	33.39	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	347451	35.74	ng	88
20) 3+4-Methylphenols	7.28	107	467095	38.47	ng	# 70
22) Acetophenone	7.26	105	586924	34.81	ng	# 92
24) Nitrobenzene	7.44	77	451625	32.65	ng	# 87
25) Isophorone	7.68	82	961251	38.41	ng	98
26) 2-Nitrophenol	7.76	139	229398	39.73	ng	# 74
27) 2,4-Dimethylphenol	7.80	122	407969	39.33	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	551650	39.08	ng	98
29) 2,4-Dichlorophenol	8.01	162	357783	38.16	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	407602	38.66	ng	95
31) Naphthalene	8.17	128	1243424	38.29	ng	98
32) Benzoic acid	7.92	122	233621	32.89	ng	92
33) 4-Chloroaniline	8.21	127	537615	38.42	ng	# 89
34) Hexachlorobutadiene	8.29	225	252636	38.29	ng	98
35) Caprolactam	8.59	113	106441	36.01	ng	# 81
36) 4-Chloro-3-methylphenol	8.70	107	367301	33.31	ng	# 77
37) 2-Methylnaphthalene	8.85	142	708731	33.74	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	413915	47.92	ng	97
40) Hexachlorocyclopentadiene	9.01	237	79629	17.16	ng	99

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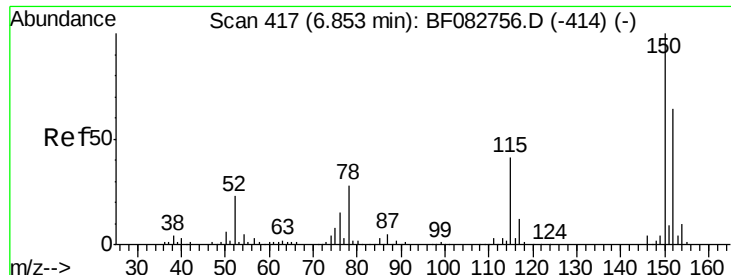
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	289224	44.86	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	244002	38.27	nq	95
45) 1,1'-Biphenyl	9.32	154	1000118	44.35	nq	99
46) 2-Chloronaphthalene	9.34	162	759801	43.19	nq	99
47) 2-Nitroaniline	9.44	65	282473	43.28	nq	# 87
48) Acenaphthylene	9.76	152	1102229	39.98	nq	99
49) Dimethylphthalate	9.62	163	818520	38.01	nq	99
50) 2,6-Dinitrotoluene	9.68	165	159087	34.62	nq	# 83
51) Acenaphthene	9.93	154	622783	35.64	nq	99
52) 3-Nitroaniline	9.85	138	205662	40.70	nq	86
53) 2,4-Dinitrophenol	9.95	184	22433	8.89	nq	# 14
54) Dibenzofuran	10.10	168	897405	38.09	nq	95
55) 4-Nitrophenol	10.01	139	111717	28.82	nq	# 78
56) 2,4-Dinitrotoluene	10.08	165	220001	35.29	nq	88
57) Fluorene	10.44	166	732436	38.39	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	200782	38.58	nq	# 87
59) Diethylphthalate	10.32	149	856006	40.71	nq	96
60) 4-Chlorophenyl-phenylether	10.44	204	395419	41.42	nq	95
61) 4-Nitroaniline	10.45	138	172308	33.91	nq	87
62) Azobenzene	10.59	77	950812	42.10	nq	87
64) 4,6-Dinitro-2-methylphenol	10.49	198	48770	16.57	nq	88
65) n-Nitrosodiphenylamine	10.56	169	717141	48.05	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	213424	42.90	nq	# 69
67) Hexachlorobenzene	10.99	284	234290	42.18	nq	89
68) Atrazine	11.08	200	188196	40.77	nq	96
69) Pentachlorophenol	11.18	266	116638	34.58	nq	99
70) Phenanthrene	11.40	178	991505	41.32	nq	98
71) Anthracene	11.46	178	1106367	43.77	nq	97
72) Carbazole	11.61	167	890669	40.26	nq	98
73) Di-n-butylphthalate	11.95	149	1346496	48.85	nq	# 96
74) Fluoranthene	12.59	202	949634	36.88	nq	95
76) Benzidine	12.70	184	412760	41.30	nq	99
77) Pyrene	12.82	202	922155	45.02	nq	98
79) Butylbenzylphthalate	13.44	149	391176	43.23	nq	93
80) Benzo(a)anthracene	14.01	228	743729	39.88	nq	97
81) 3,3'-Dichlorobenzidine	13.96	252	264024	39.82	nq	98
82) Chrysene	14.04	228	755571	44.23	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	546339	44.12	nq	# 99
84) Di-n-octyl phthalate	14.61	149	951912	46.08	nq	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	754212	51.27	nq	99
87) Benzo(b)fluoranthene	15.04	252	758308m	36.71	nq	
88) Benzo(k)fluoranthene	15.06	252	668484m	36.48	nq	
89) Benzo(a)pyrene	15.38	252	700756	39.16	nq	97
90) Dibenzo(a,h)anthracene	16.85	278	643334	42.45	nq	100
91) Benzo(g,h,i)perylene	17.25	276	581895	40.09	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 154762

Ion Ratio Lower Upper

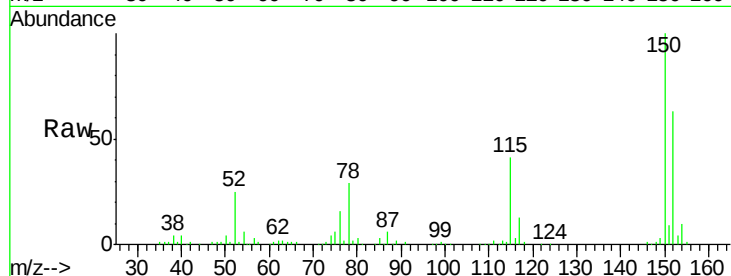
152 100

150 158.7 127.0 190.4

115 64.6 47.0 70.6

Manual Integrations
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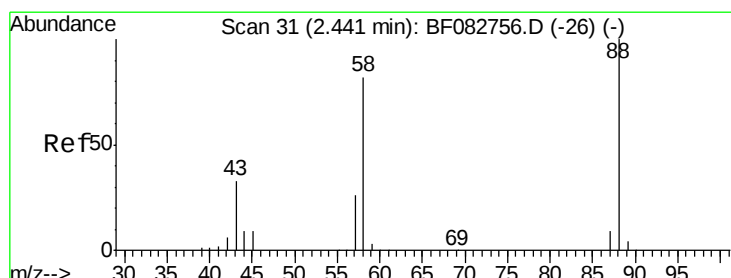
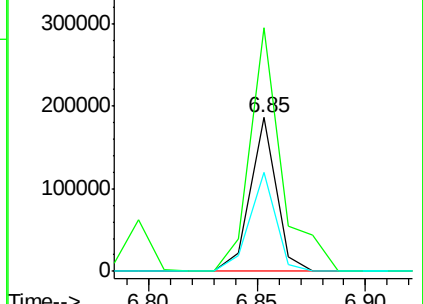
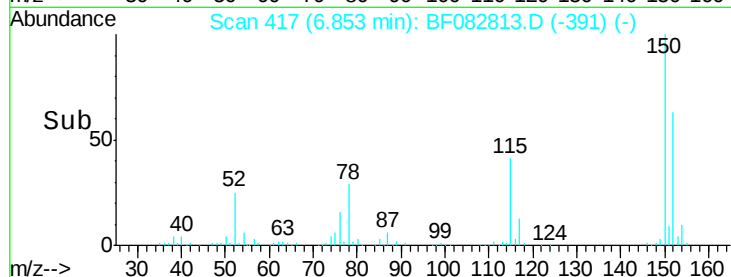
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 54.48 ng

RT: 2.43 min Scan# 30

Delta R.T. -0.01 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

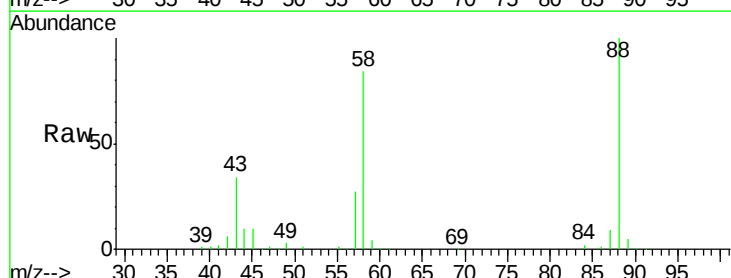
Tgt Ion: 88 Resp: 233805

Ion Ratio Lower Upper

88 100

58 81.5 62.0 93.0

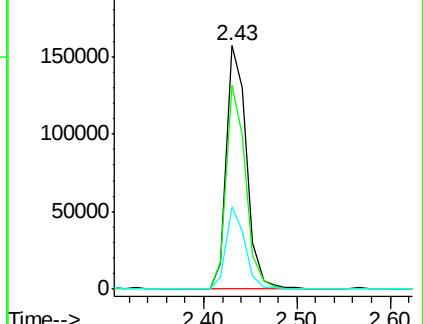
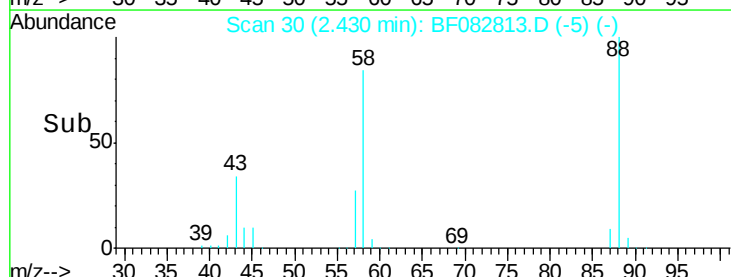
43 32.1 26.6 40.0

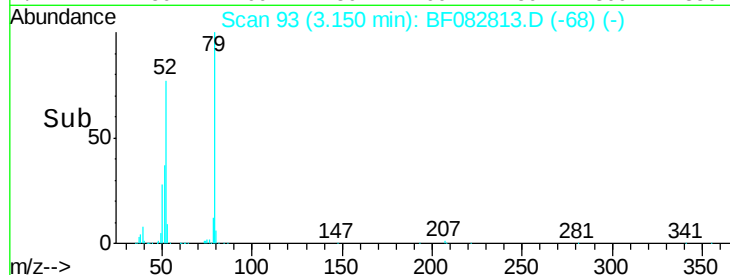
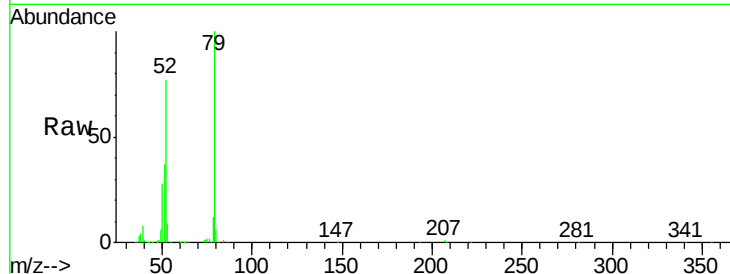
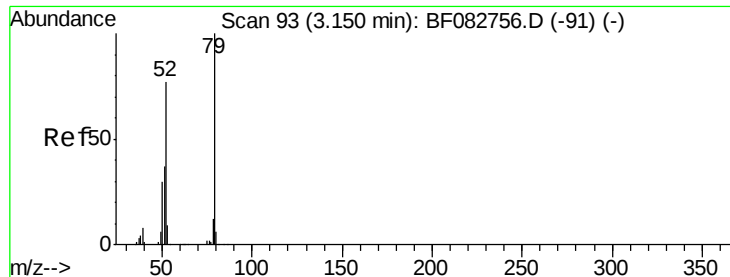


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





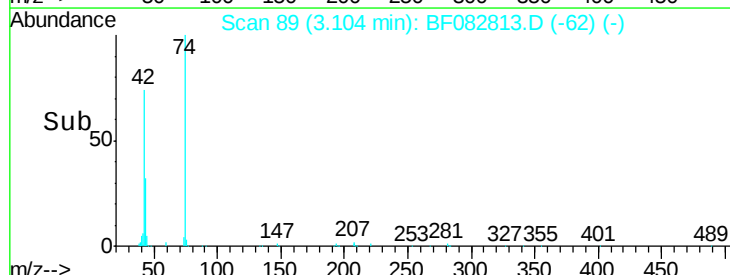
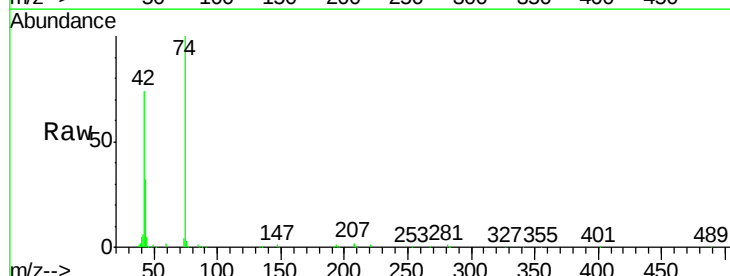
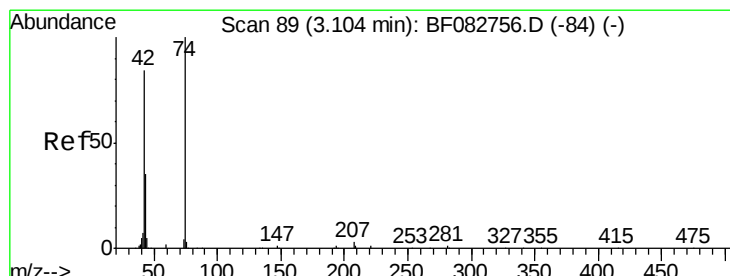
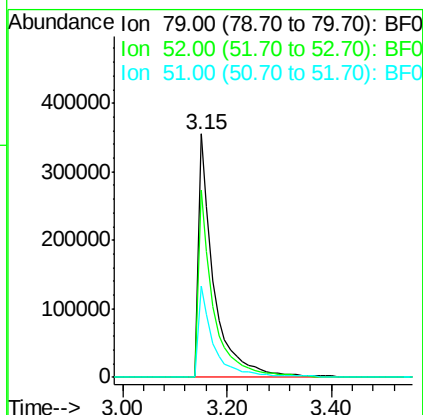
#3
 Pvridine
 Concen: 59.24 ng
 RT: 3.15 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.9	62.8	94.2
51	37.3	32.0	48.0

Instrument :
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 ClientSampleId :
 SSTDCCC040

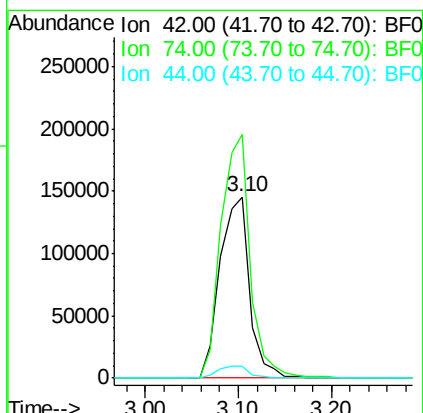
Manual Integrations
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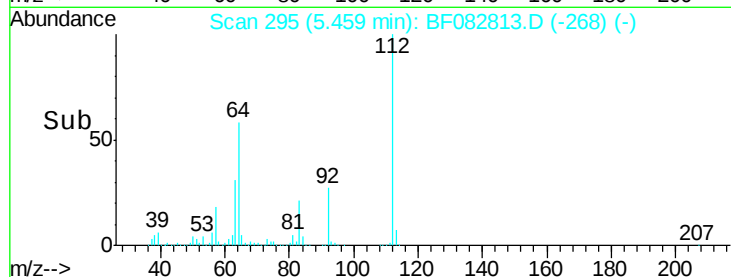
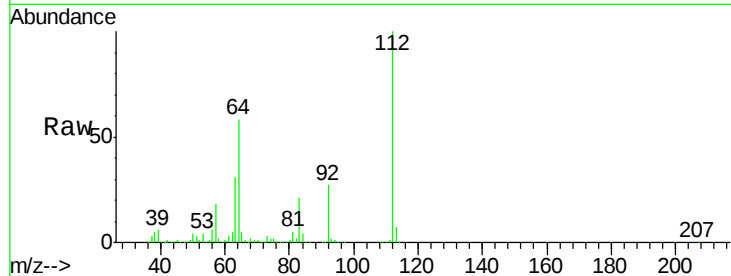
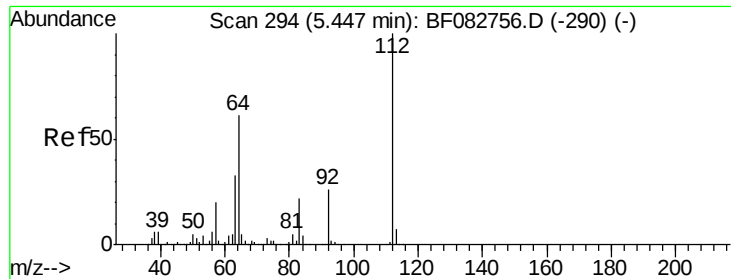
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#4
 n-Nitrosodimethylamine
 Concen: 52.18 ng
 RT: 3.10 min Scan# 89
 Delta R.T. 0.01 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.6	87.0	130.4#
44	6.6	5.8	8.8





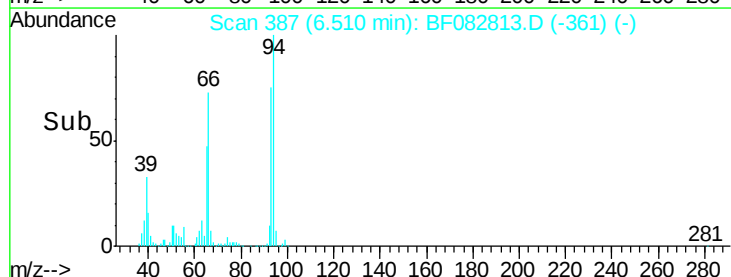
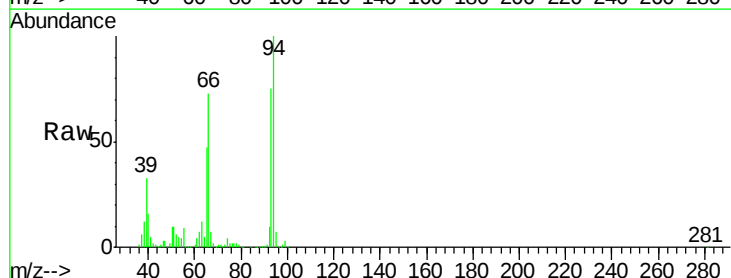
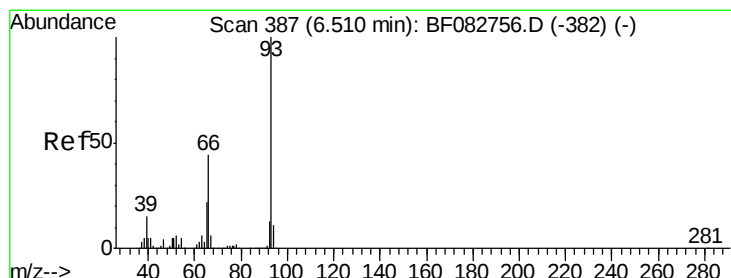
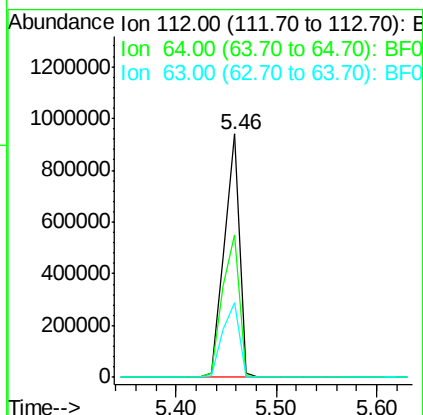
#5
2-Fluorophenol
Concen: 98.86 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	58.4	48.9	73.3
63	30.6	28.1	42.1

Instrument :
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ClientSampleId :
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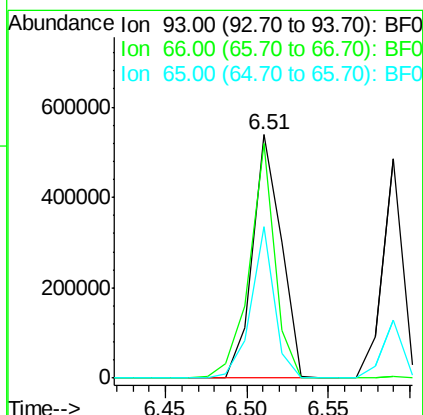
Manual Integrations
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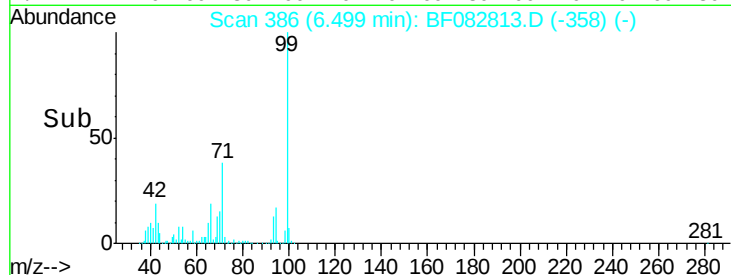
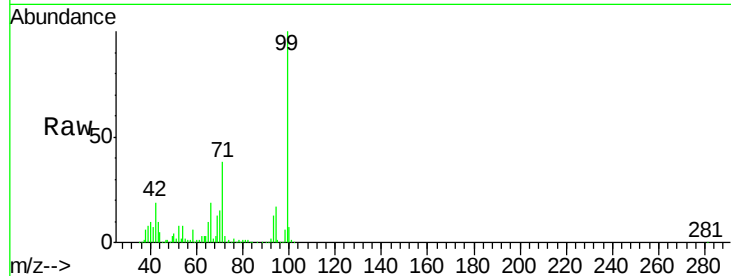
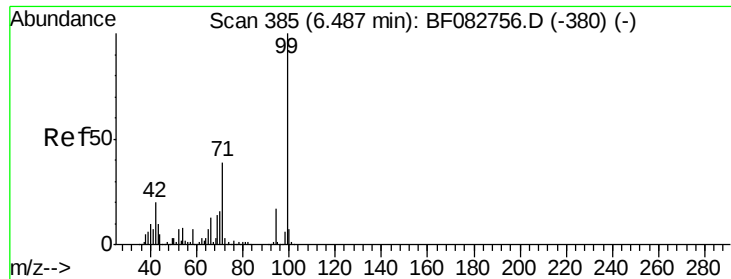
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#6
Aniline
Concen: 35.40 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	96.4	33.6	50.4#
65	62.2	18.1	27.1#





#7

Phenol-d6

Concen: 75.98 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Tot Ion: 99 Resp: 1004684

Ion Ratio Lower Upper

99 100

42 19.4 19.2 28.8

71 37.8 35.0 52.4

Instrument :

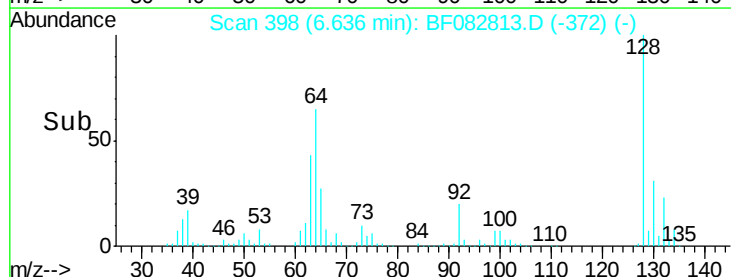
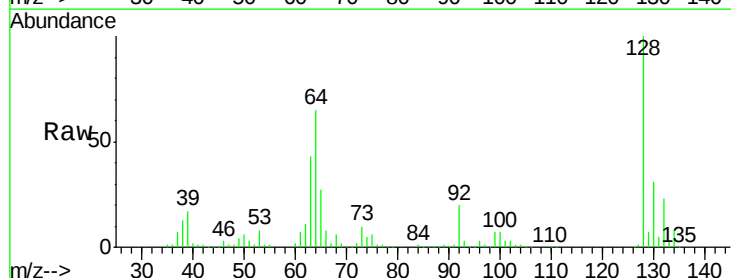
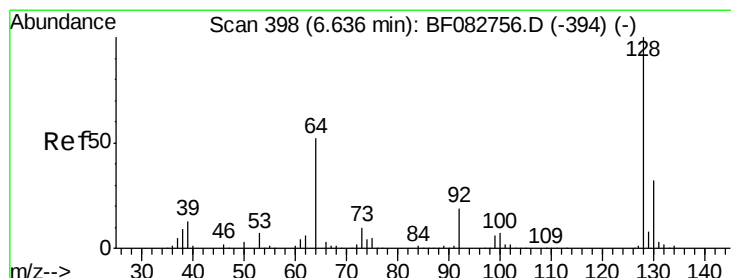
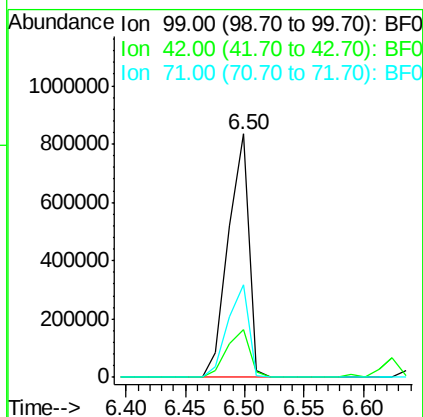
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.88 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

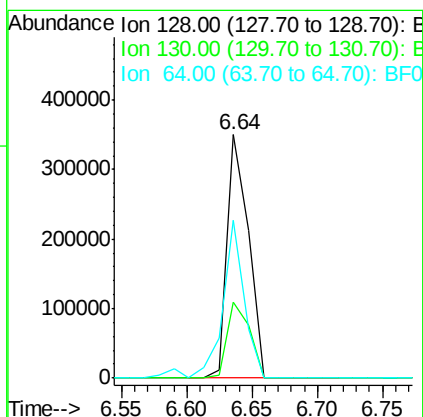
Tgt Ion: 128 Resp: 395602

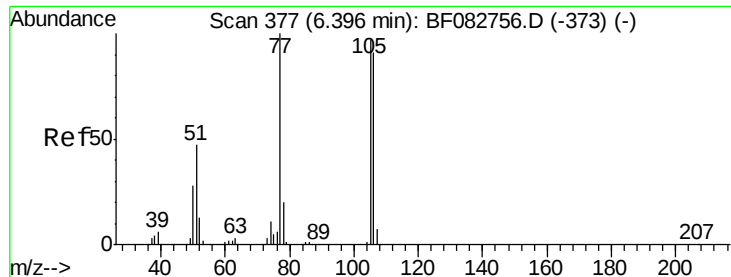
Ion Ratio Lower Upper

128 100

130 31.3 13.5 53.5

64 64.7 21.1 61.1#





#9

Benzaldehyde

Concen: 43.64 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

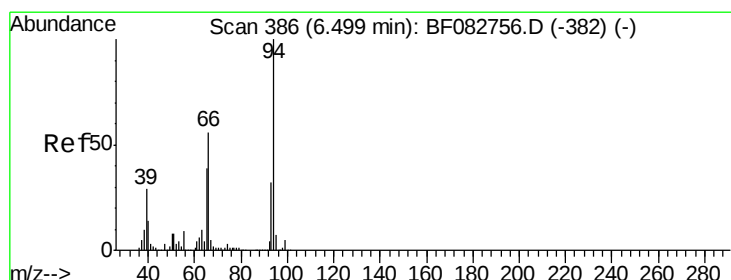
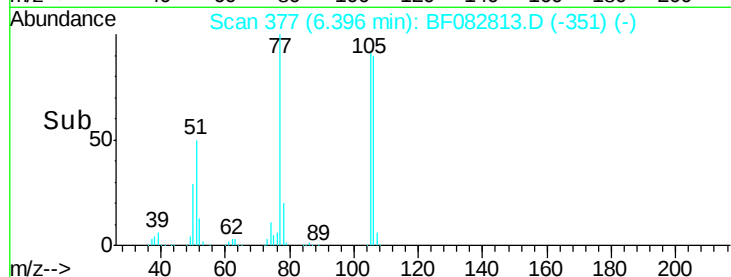
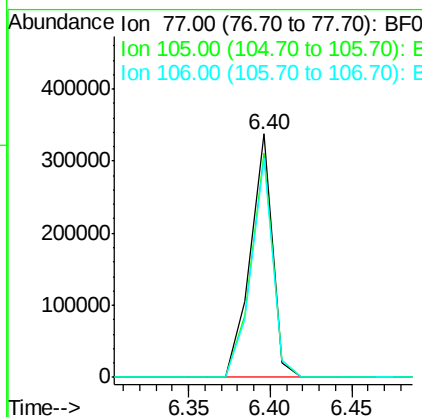
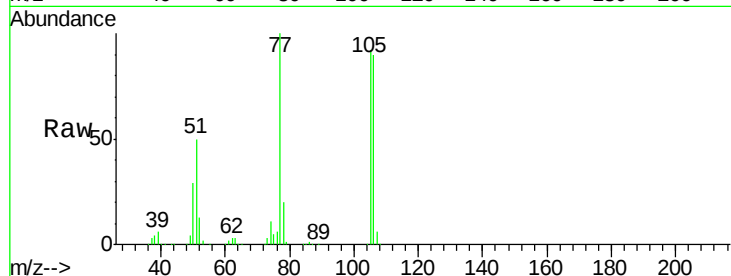
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	318793
Ion	Ratio	Lower	Upper
77	100		
105	92.3	63.5	103.5
106	90.0	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 41.36 ng

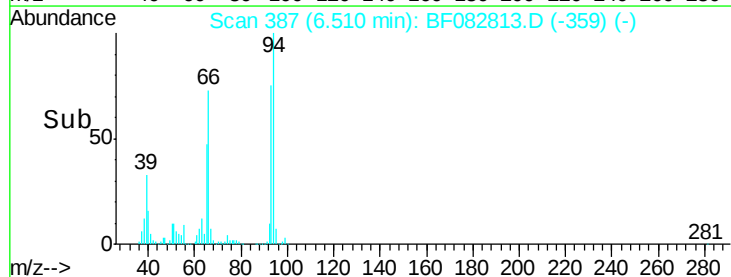
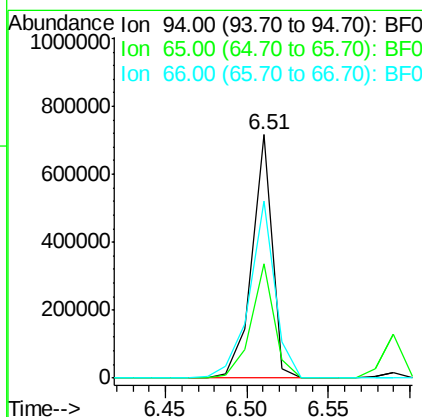
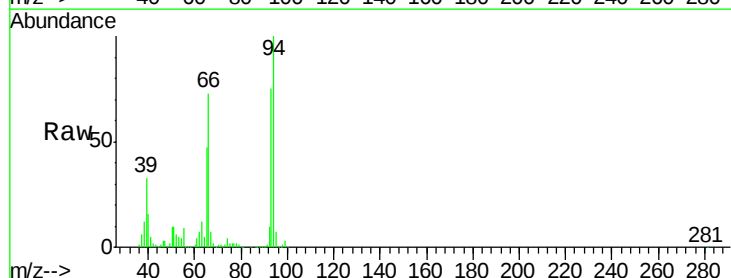
RT: 6.51 min Scan# 387

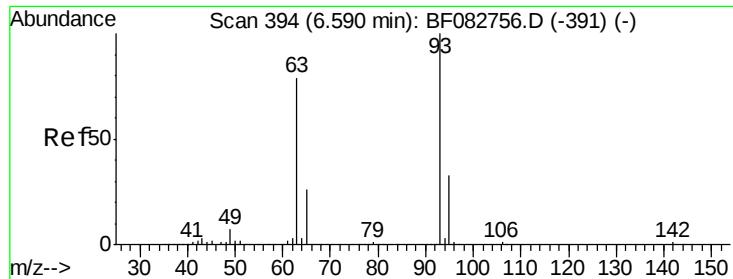
Delta R.T. 0.02 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Tgt Ion:	94	Resp:	620629
Ion	Ratio	Lower	Upper
94	100		
65	46.8	18.9	58.9
66	72.5	34.9	74.9





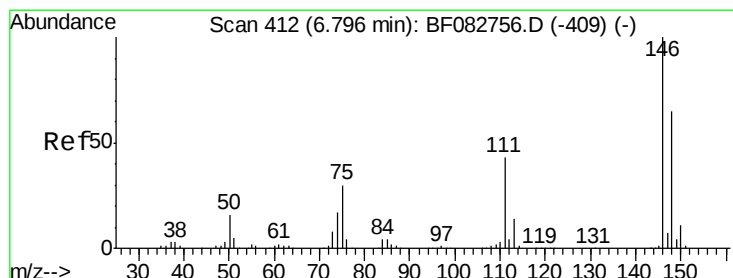
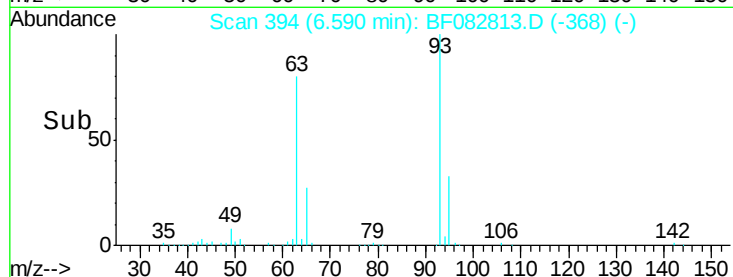
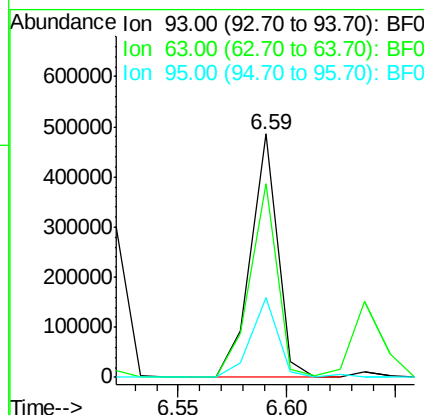
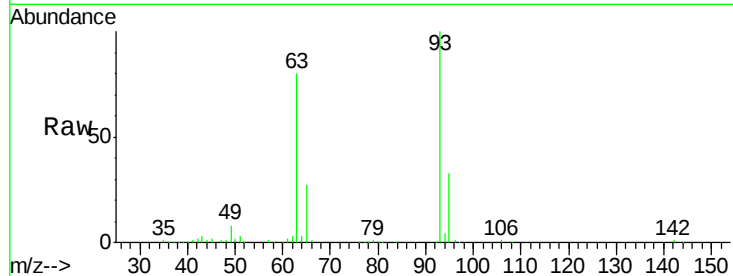
#11
bis(2-Chloroethyl)ether
Concen: 37.18 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.7	72.7	112.7
95	32.8	12.0	52.0

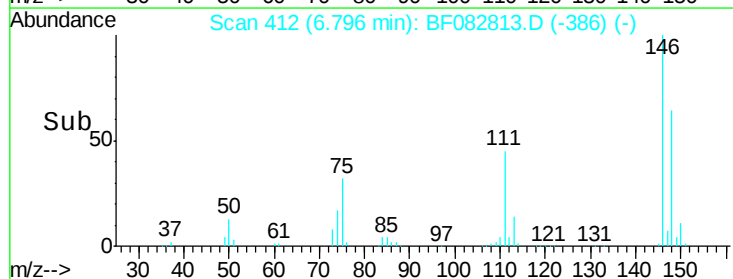
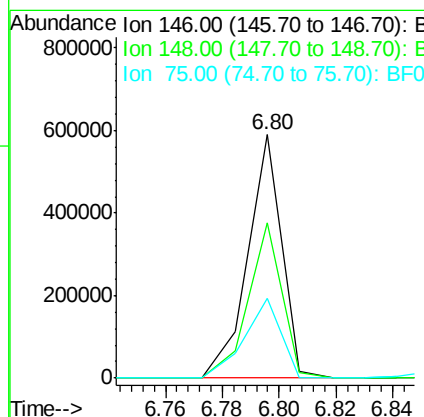
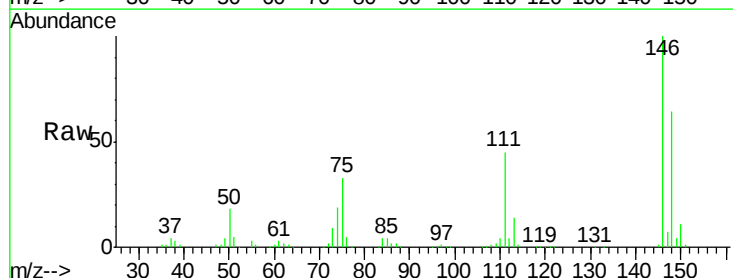
Manual Integrations
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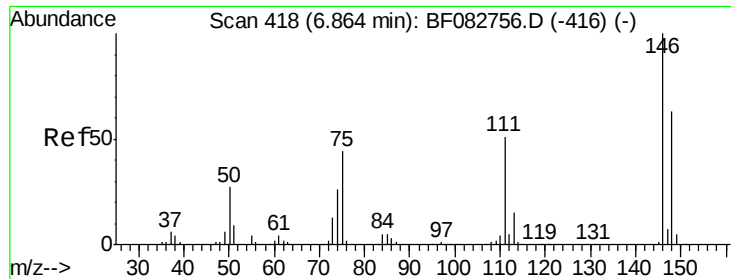
Mmdadoda
11/9/2015 2:08:40 PM



#12
1,3-Dichlorobenzene
Concen: 39.72 ng m
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
75	32.8	39.5	59.3





#13

1,4-Dichlorobenzene

Concen: 37.37 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

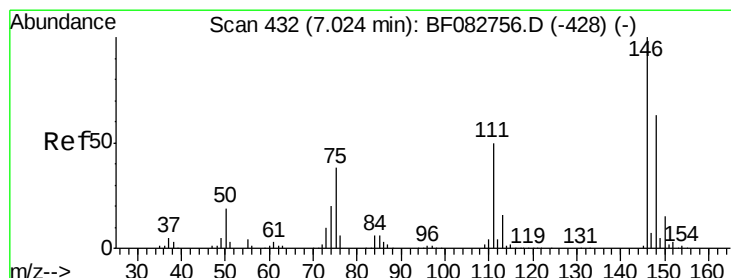
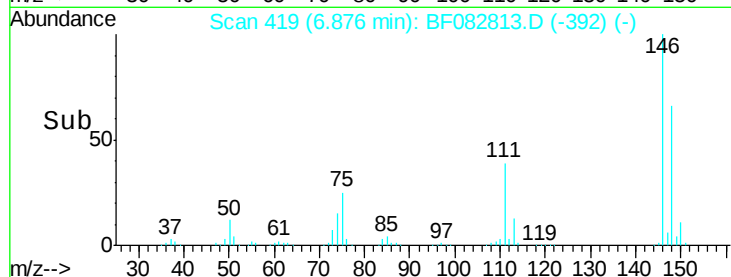
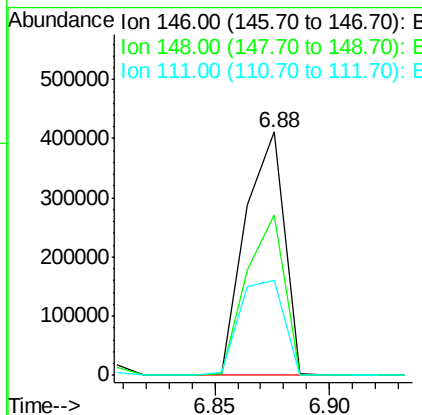
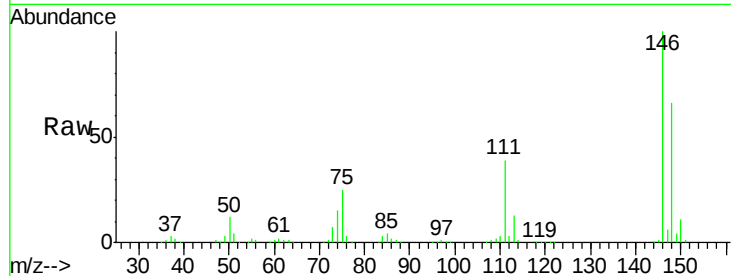
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	483544
Ion Ratio	Lower	Upper	
146	100		
148	66.1	50.8	76.2
111	39.0	40.6	60.8#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.94 ng

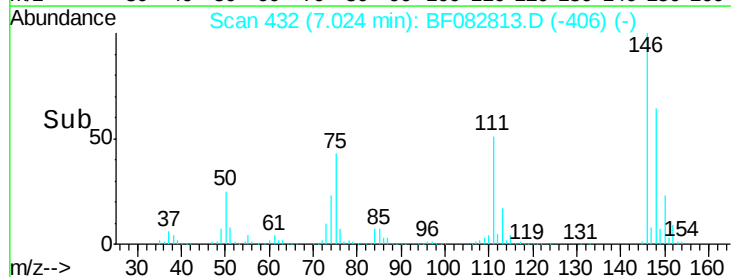
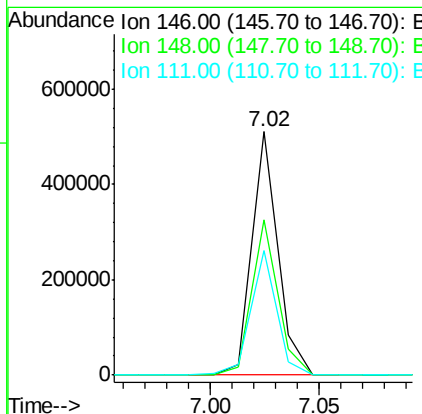
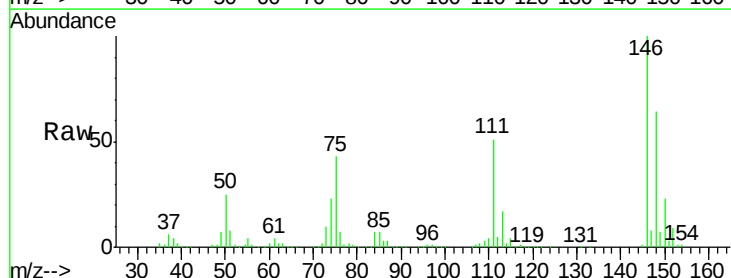
RT: 7.02 min Scan# 432

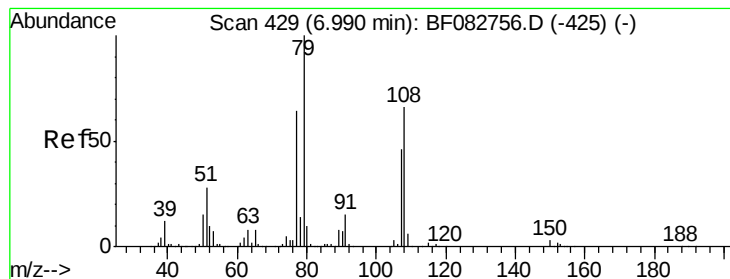
Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Tgt Ion:	146	Resp:	422842
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.4
111	51.4	36.6	55.0





#15

Benzyl Alcohol

Concen: 38.14 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

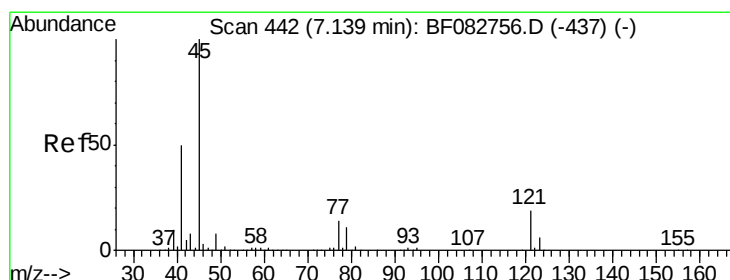
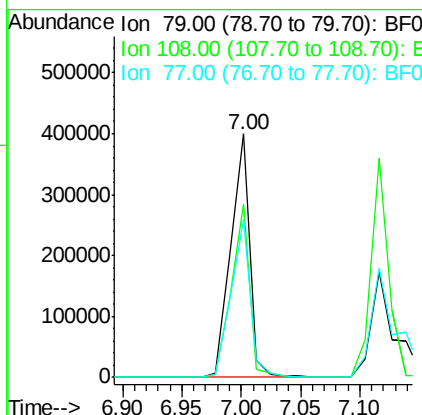
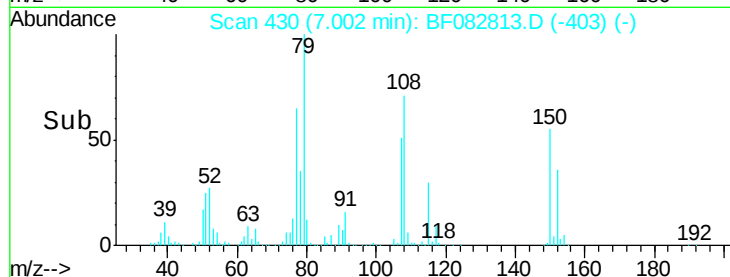
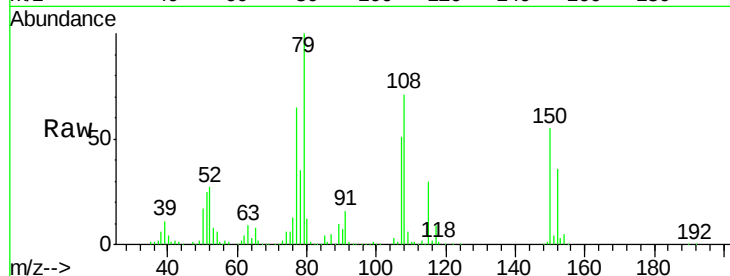
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	442952
Ion Ratio	Lower	Upper	
79	100		
108	71.4	52.2	78.4
77	64.7	52.7	79.1

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.63 ng

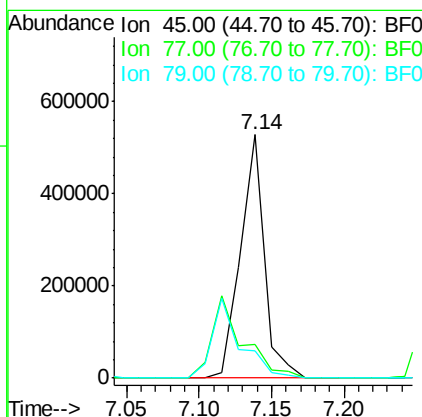
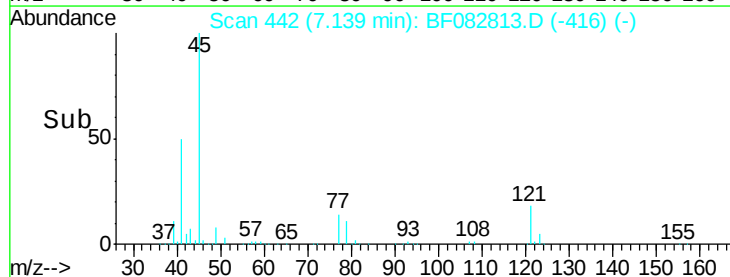
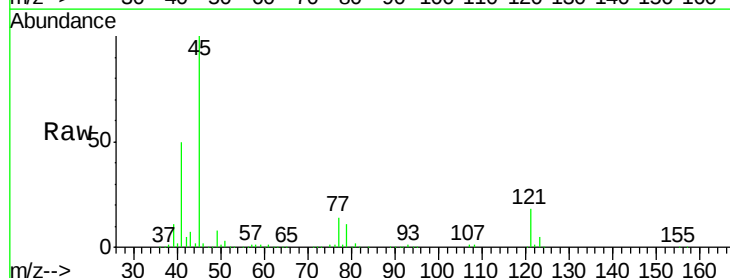
RT: 7.14 min Scan# 442

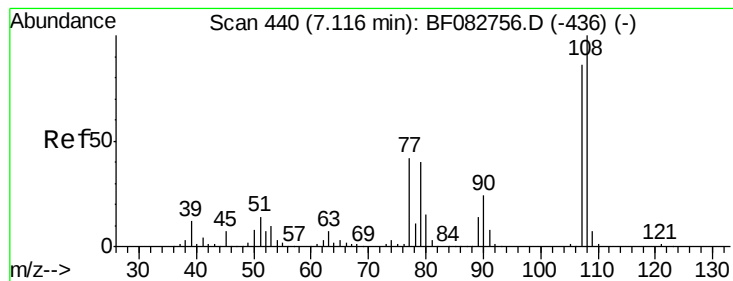
Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Tgt Ion:	45	Resp:	602822
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	32.6
79	11.3	0.0	29.2





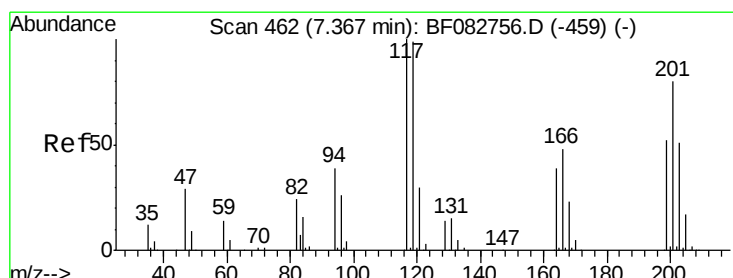
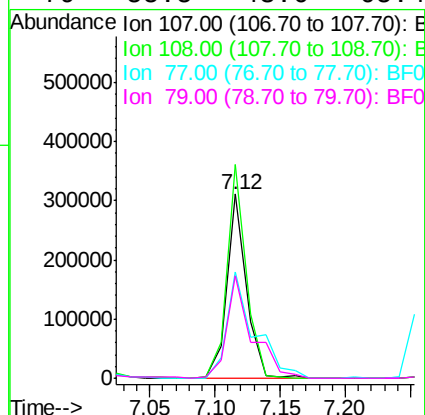
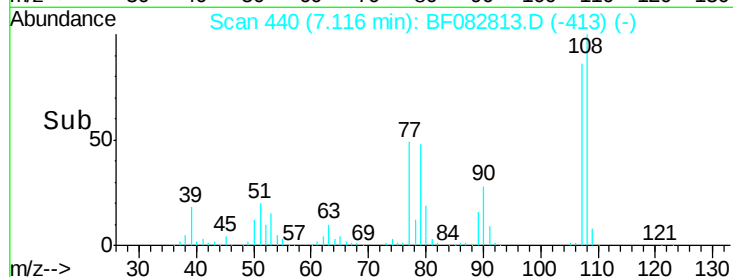
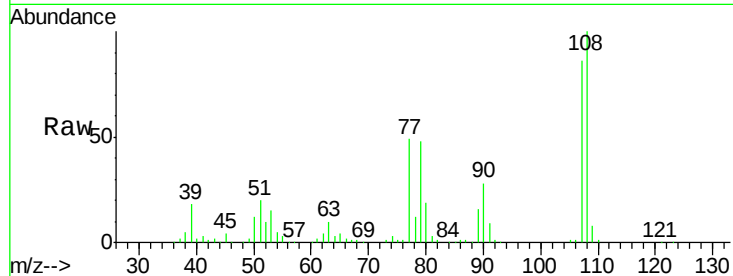
#17
2-Methylphenol
Concen: 34.90 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	325931		
108	108	116.0	93.0	139.4	
77	77	57.4	44.1	66.1	
79	79	55.5	43.6	65.4	

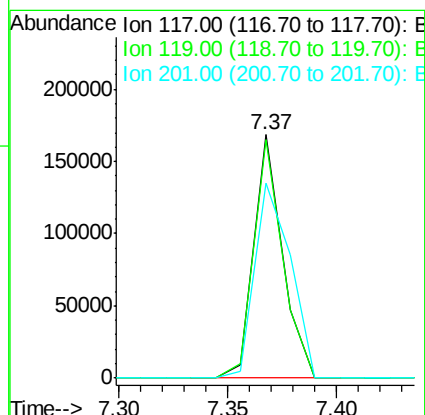
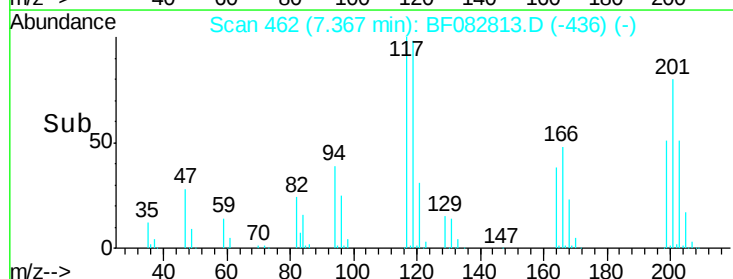
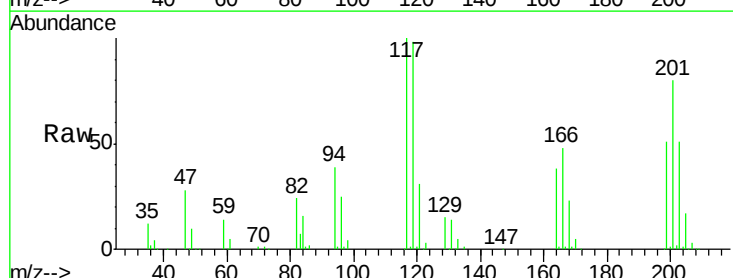
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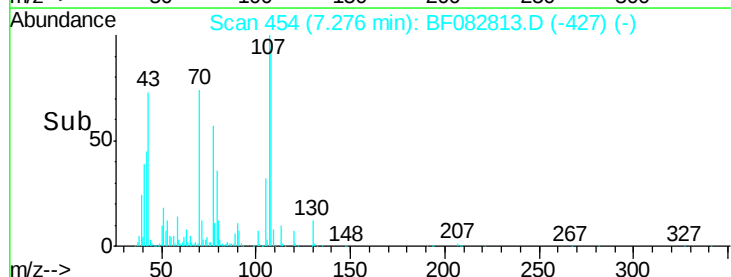
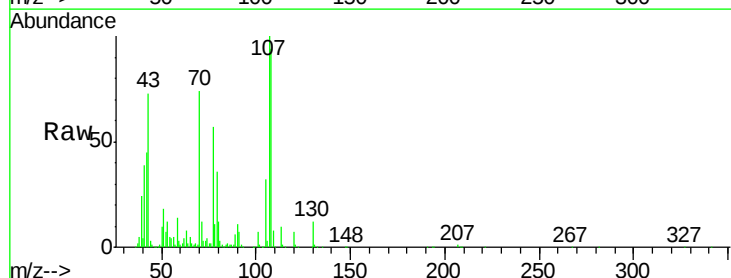
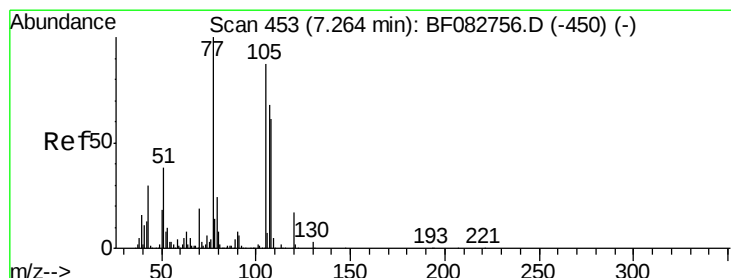
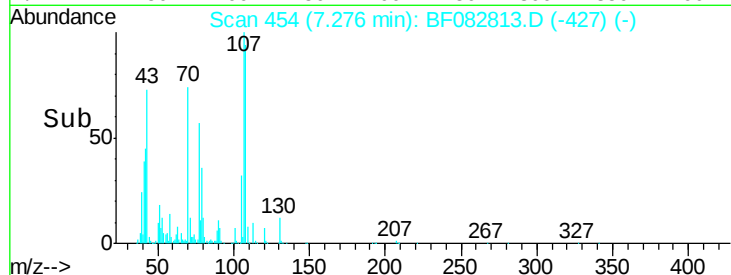
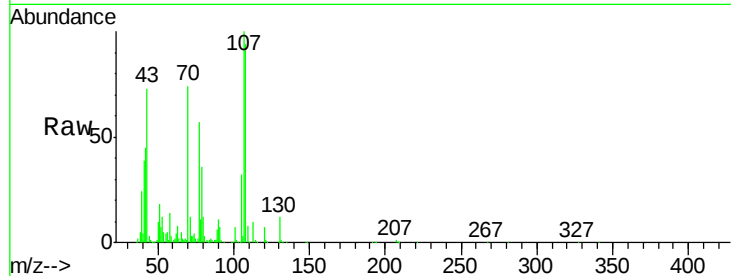
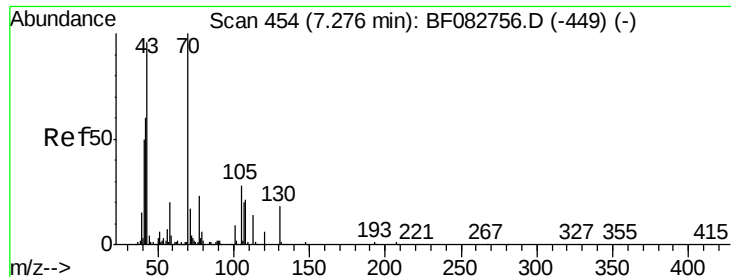
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#18
Hexachloroethane
Concen: 33.39 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	154517		
119	119	97.8	77.7	116.5	
201	201	80.0	66.7	100.1	





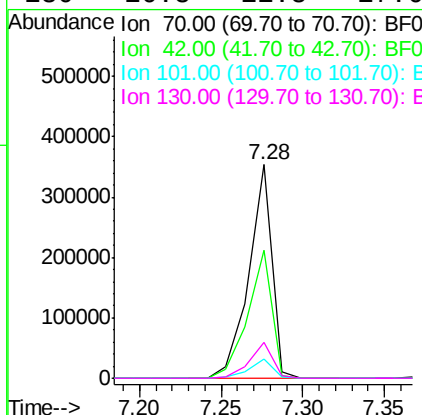
#19
n-Nitroso-di-n-propylamine
Concen: 35.74 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.2	57.7	86.5	
101	8.8	7.0	10.6	
130	16.8	11.8	17.6	

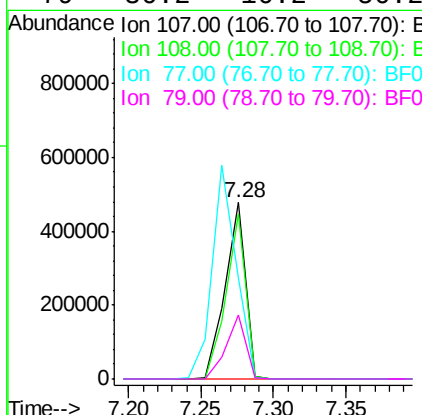
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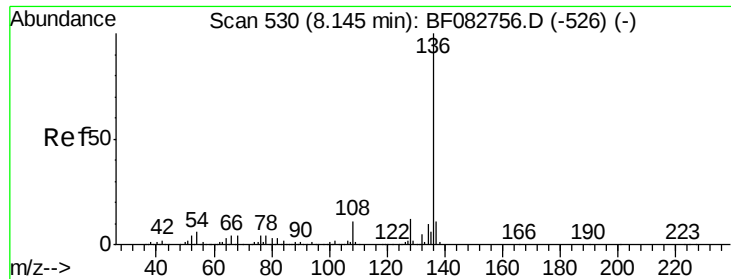
Mmdadoda
11/9/2015 2:08:40 PM



#20
3+4-Methylphenols
Concen: 38.47 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.7	67.3	107.3	
77	57.5	100.3	140.3	
79	36.2	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

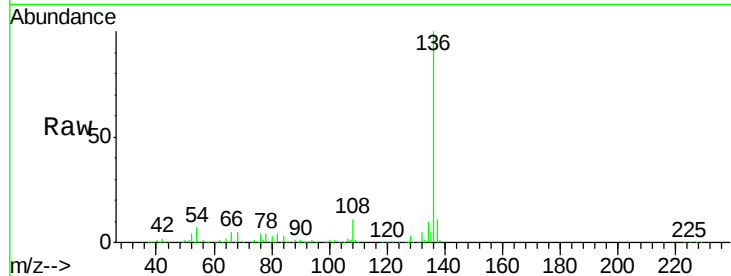
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.7	9.1	13.7#
68	4.5	4.8	7.2#

Manual Integrations
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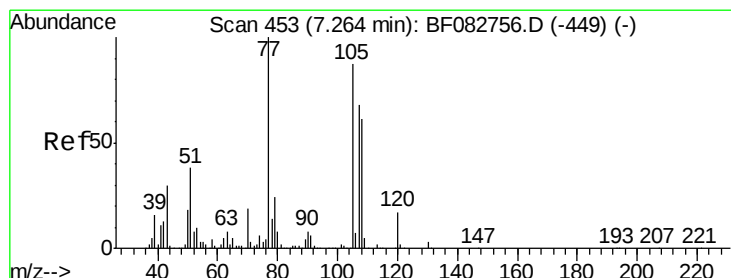
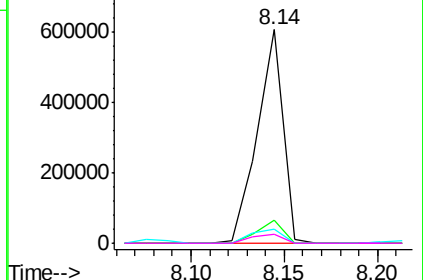
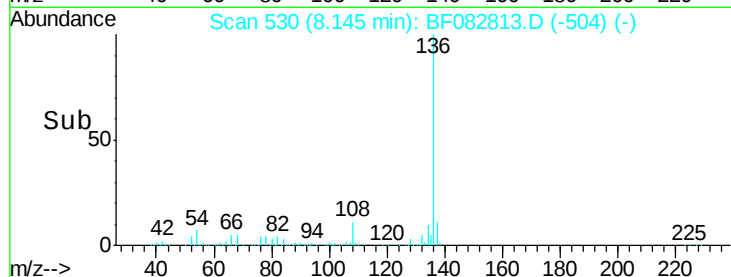


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.81 ng

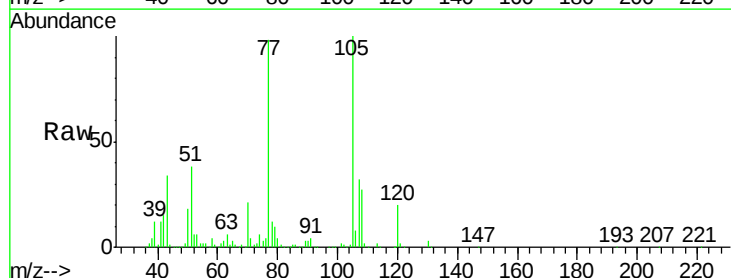
RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.5	5.6	8.4#
51	37.6	24.9	37.3#
120	19.6	15.8	23.8

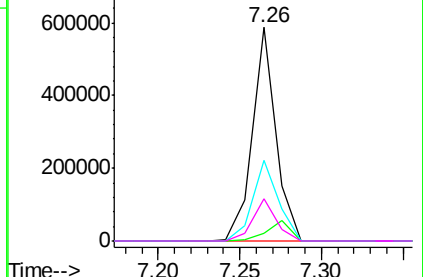
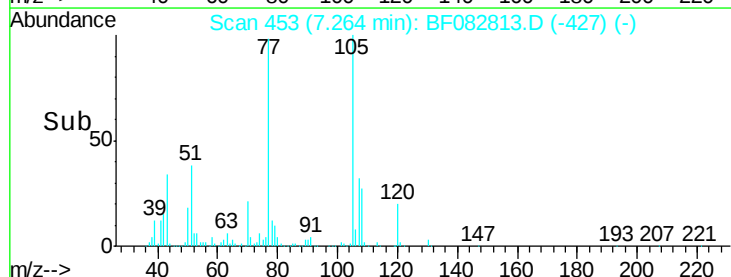


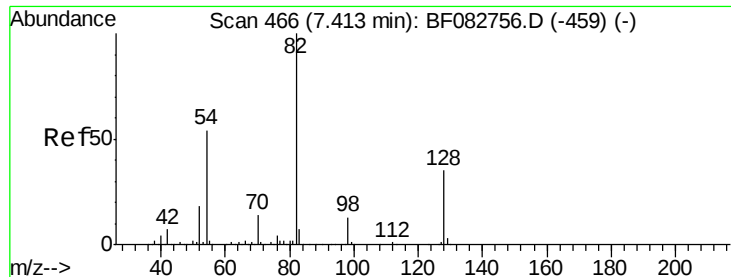
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





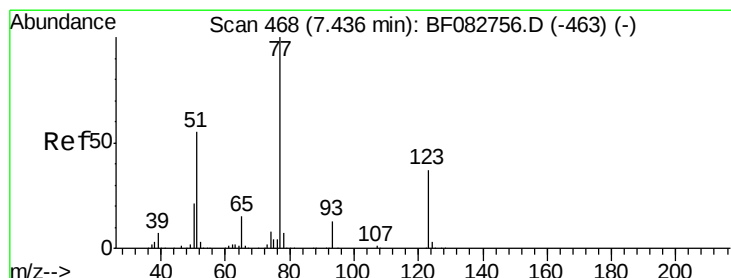
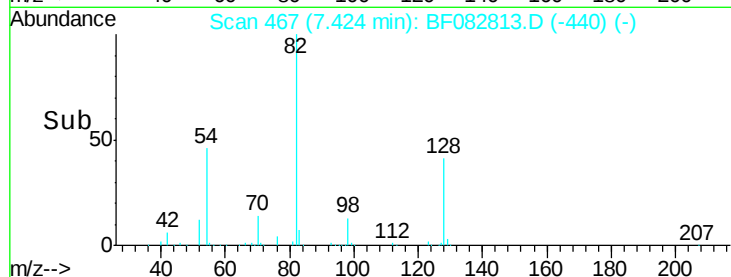
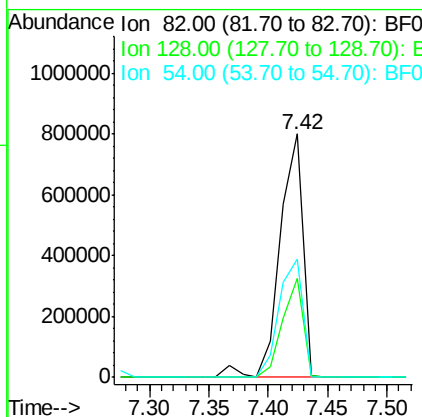
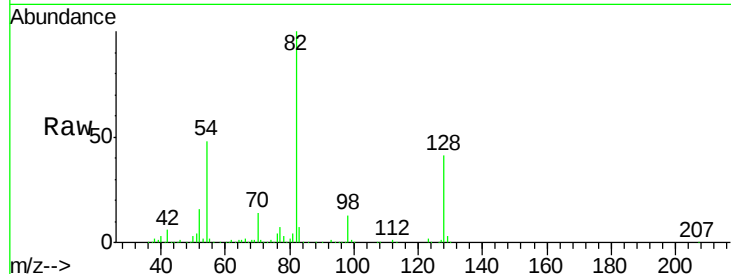
#23
 Nitrobenzene-d5
 Concen: 78.60 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1063116
 Ion Ratio Lower Upper
 82 100
 128 40.6 26.8 40.2#
 54 48.4 45.7 68.5

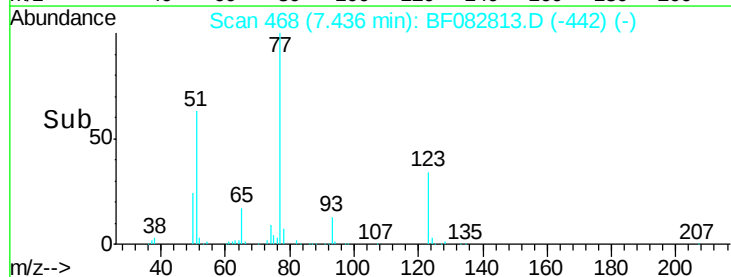
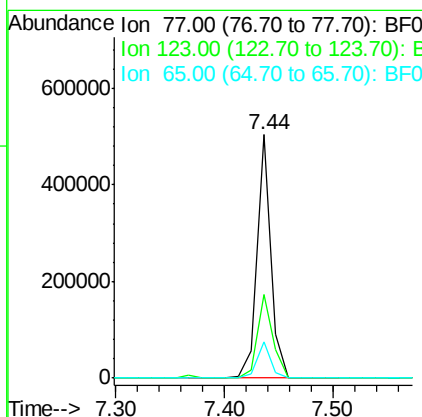
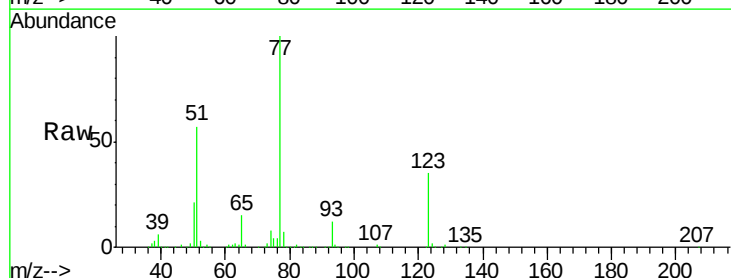
Manual Integrations
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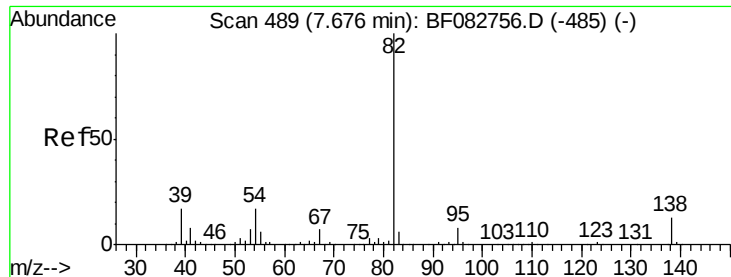
Mmdadoda
 11/9/2015 2:08:40 PM



#24
 Nitrobenzene
 Concen: 32.65 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Tgt Ion: 77 Resp: 451625
 Ion Ratio Lower Upper
 77 100
 123 34.6 36.4 54.6#
 65 14.9 11.5 17.3





#25

Isophorone

Concen: 38.41 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

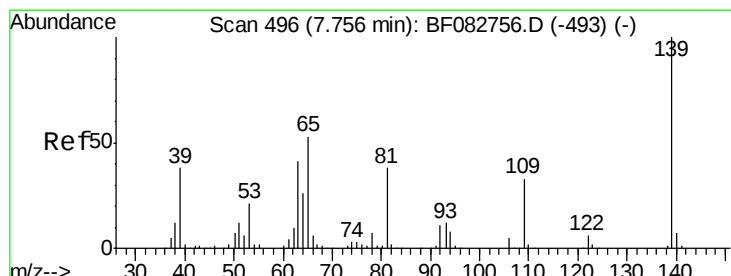
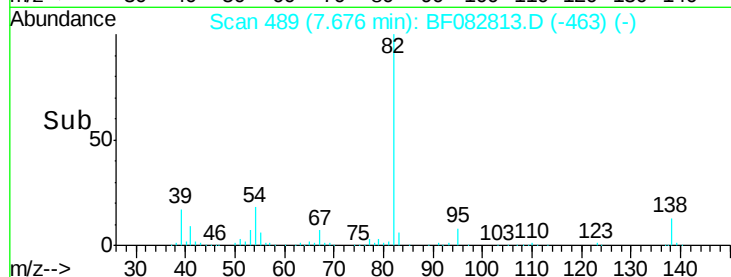
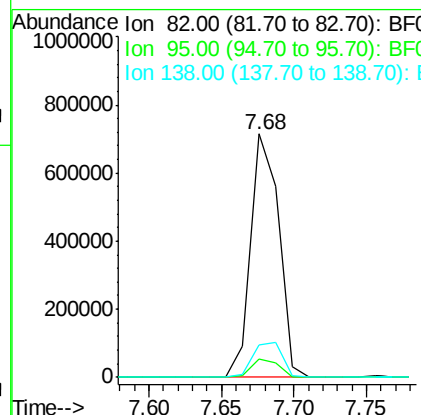
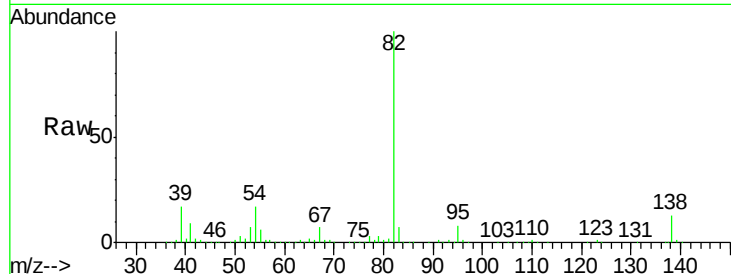
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	961251
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.6	9.8
138	13.2	11.4	17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.73 ng

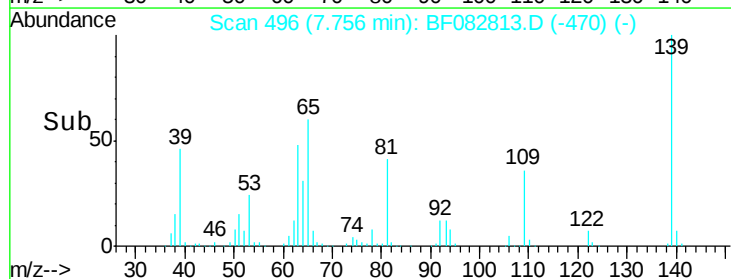
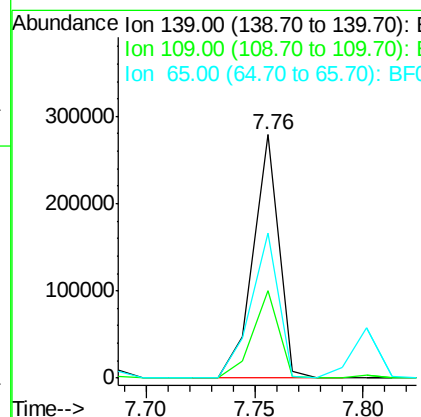
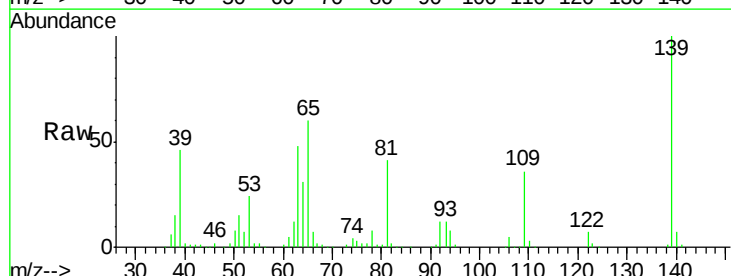
RT: 7.76 min Scan# 496

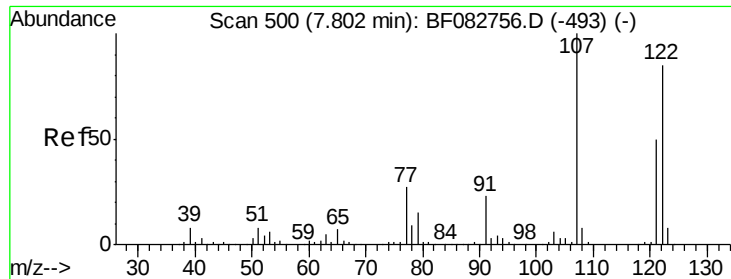
Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Tgt Ion:	139	Resp:	229398
Ion Ratio	Lower	Upper	
139	100		
109	35.9	37.6	56.4#
65	59.7	70.6	105.8#





#27

2,4-Dimethylphenol

Concen: 39.33 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

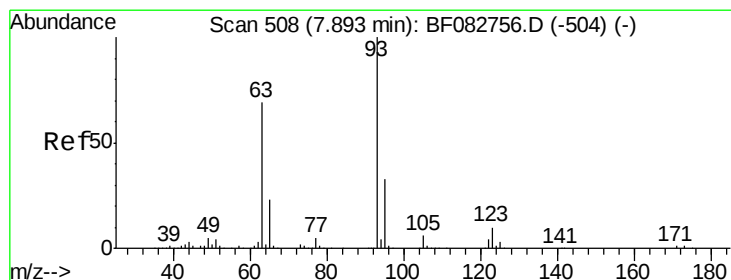
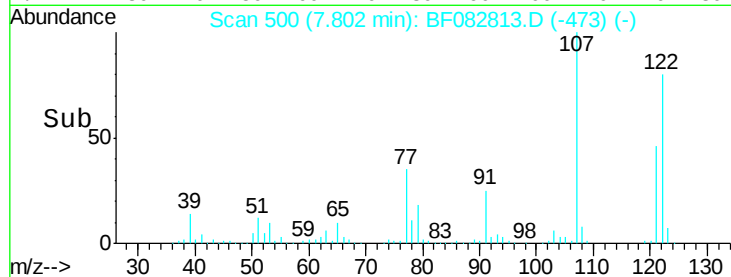
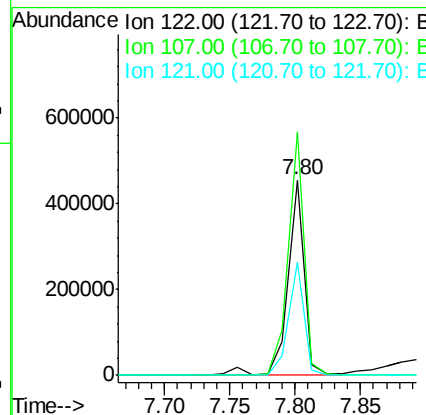
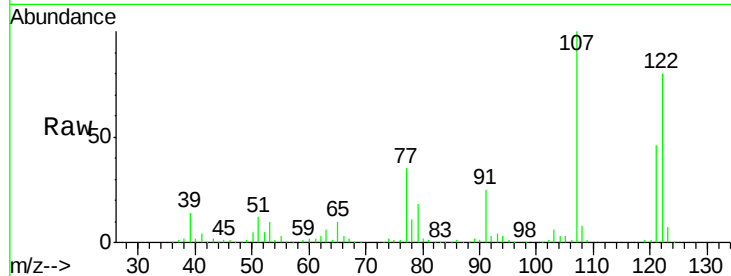
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
407969	122	100			
	107	124.5	106.0	159.0	
	121	57.5	46.7	70.1	

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#28

bis(2-Chloroethoxy)methane

Concen: 39.08 ng

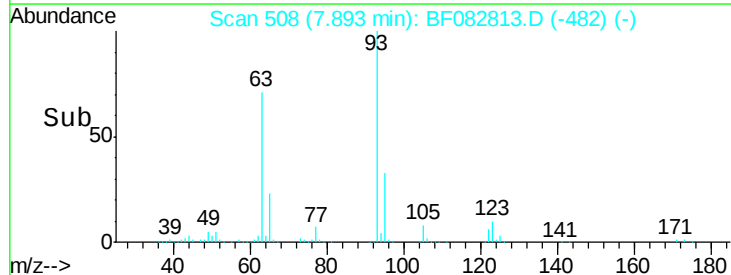
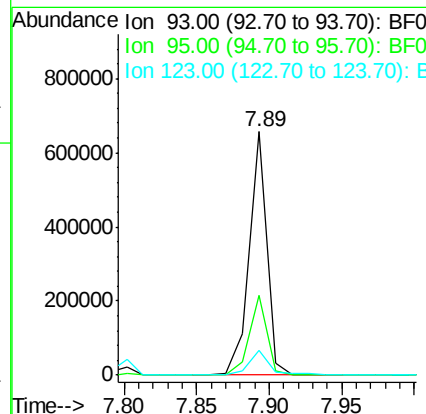
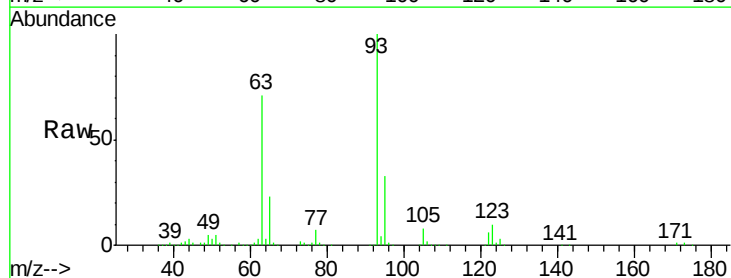
RT: 7.89 min Scan# 508

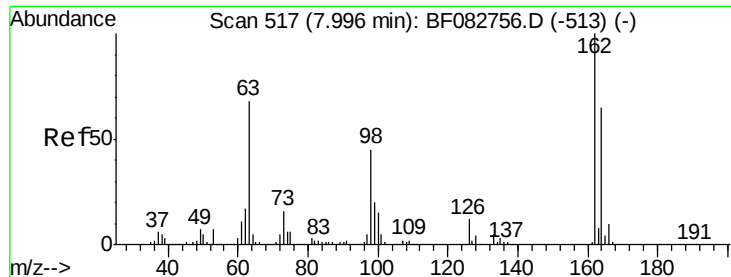
Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
551650	93	100			
	95	32.9	26.6	40.0	
	123	10.1	9.7	14.5	





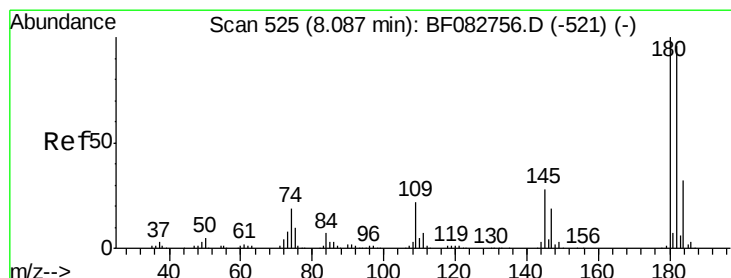
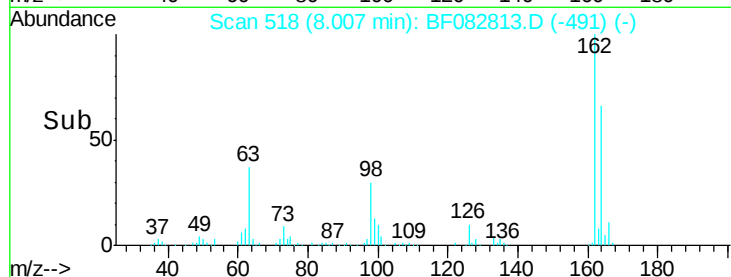
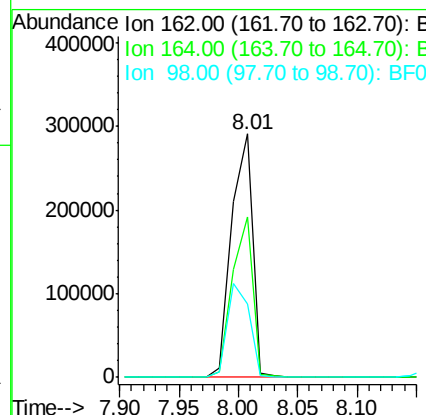
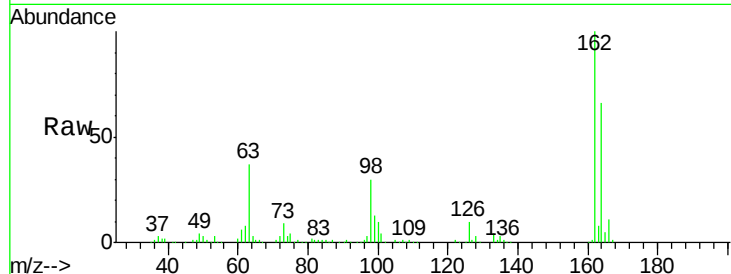
#29
2,4-Dichlorophenol
Concen: 38.16 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	357783		
164	65.9	46.8	86.8	
98	30.2	12.5	52.5	

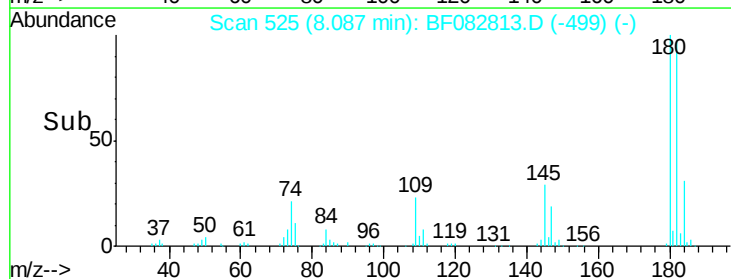
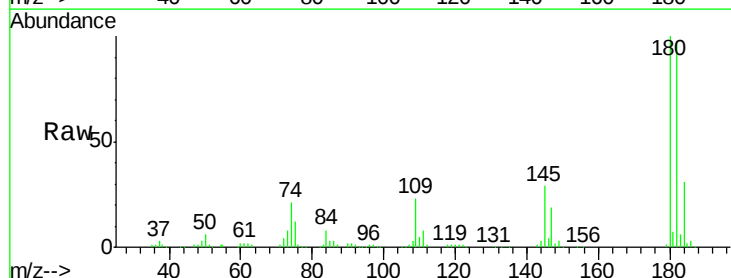
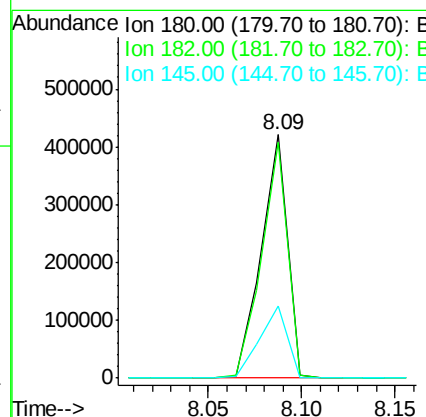
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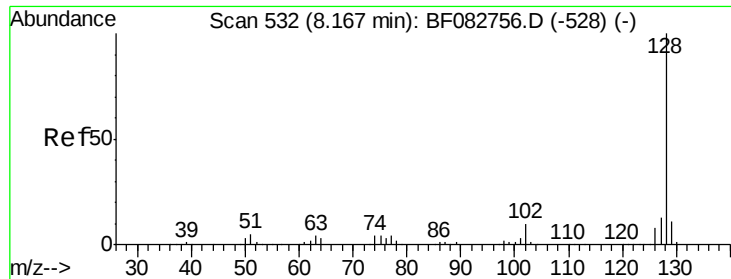
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#30
1,2,4-Trichlorobenzene
Concen: 38.66 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	407602		
182	97.0	74.9	112.3	
145	29.4	27.8	41.8	





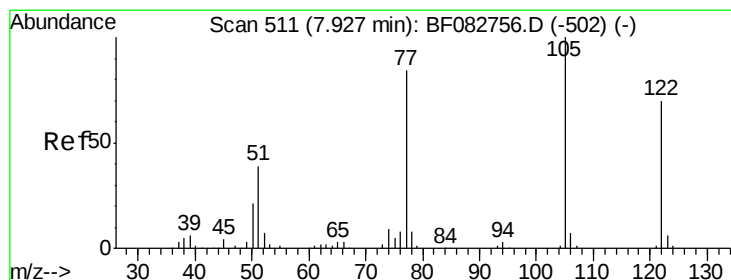
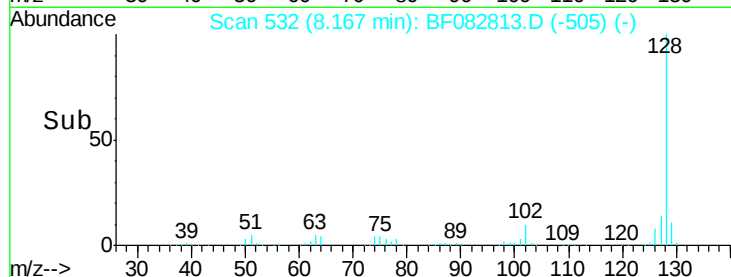
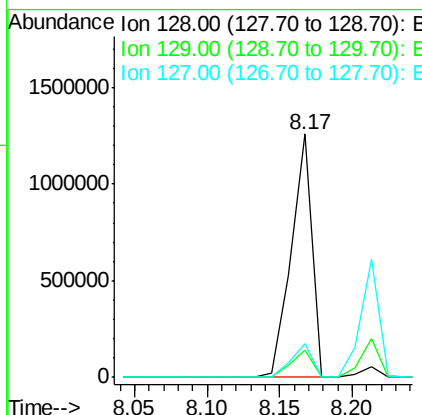
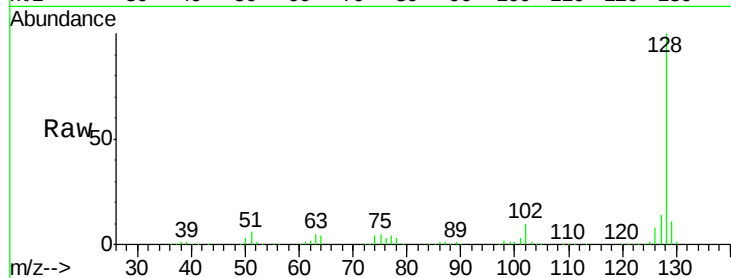
#31
Naphthalene
Concen: 38.29 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1243424
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.7 11.4 17.0

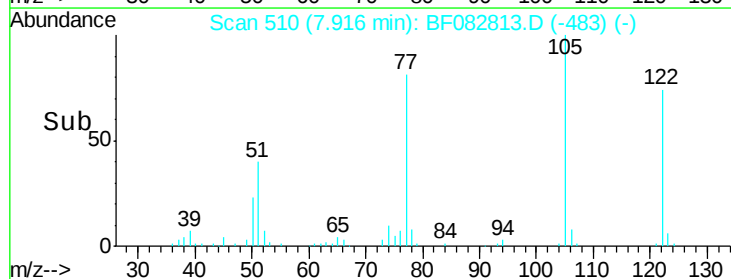
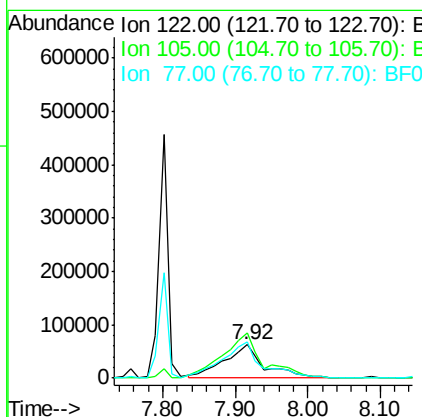
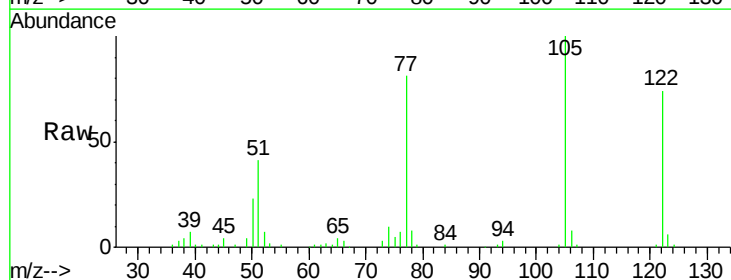
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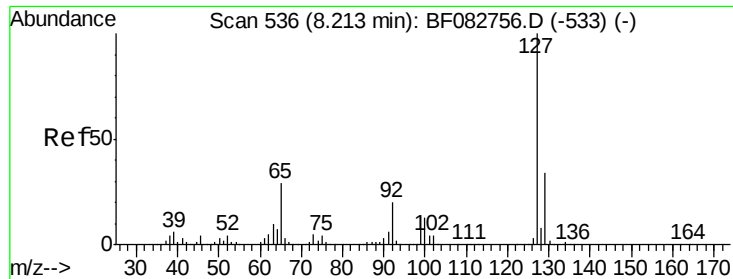
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#32
Benzoic acid
Concen: 32.89 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion:122 Resp: 233621
Ion Ratio Lower Upper
122 100
105 135.0 122.6 162.6
77 109.9 100.9 140.9





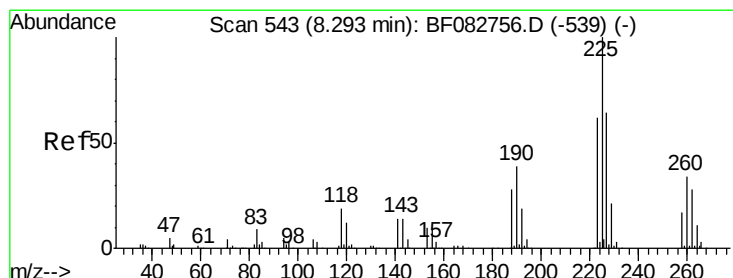
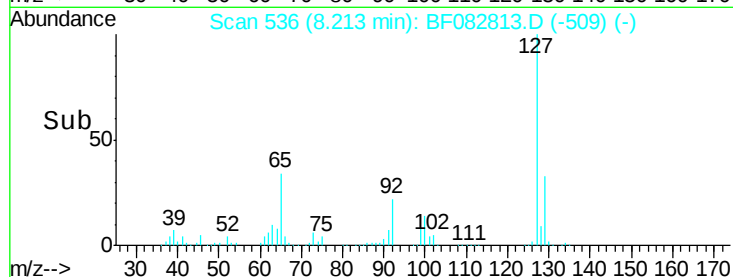
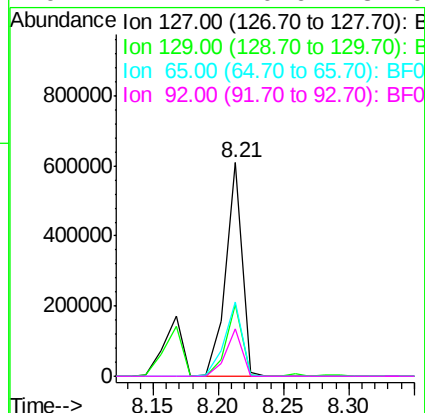
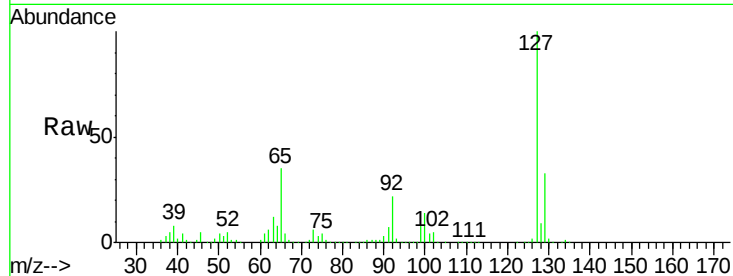
#33
4-Chloroaniline
Concen: 38.42 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	26.3	39.5		
65	34.6	37.8	56.8		
92	22.1	20.6	31.0		

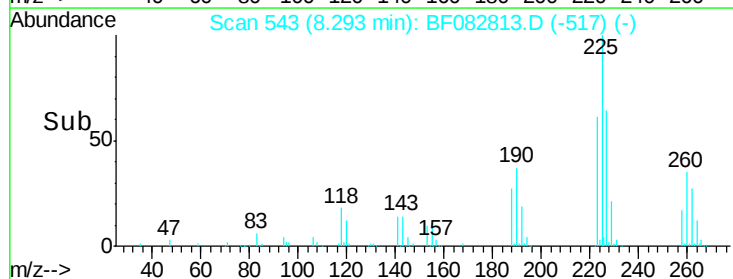
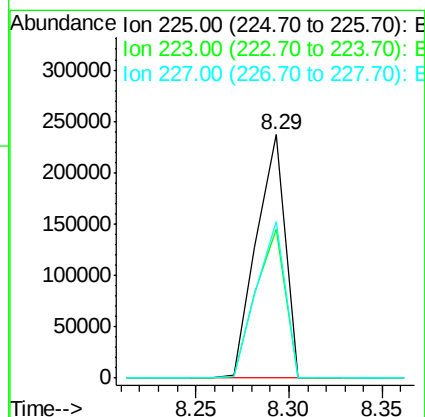
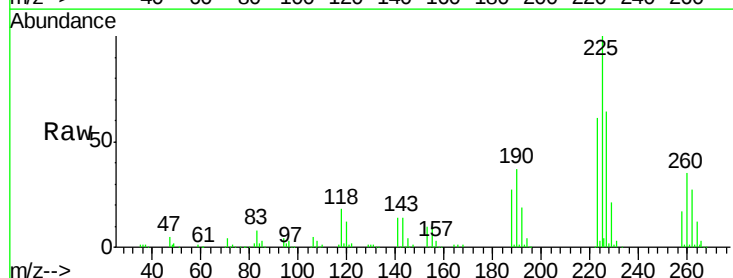
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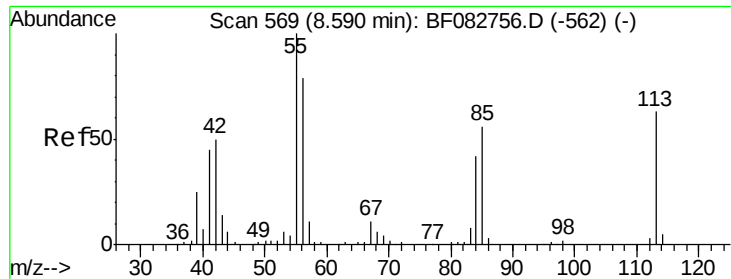
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11/9/2015 2:08:40 PM



#34
Hexachlorobutadiene
Concen: 38.29 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	50.5	75.7		
227	64.2	50.2	75.2		





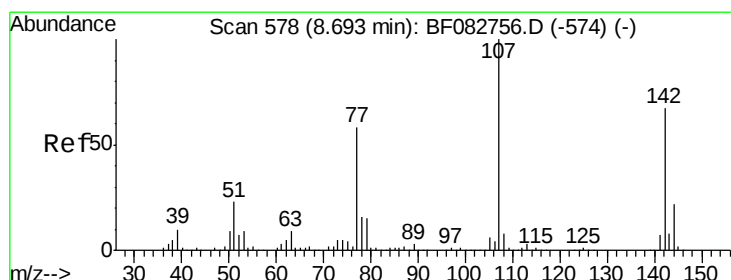
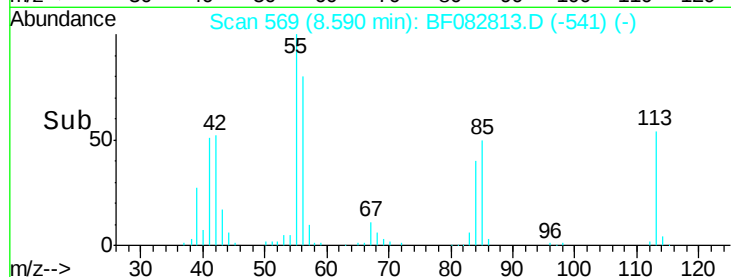
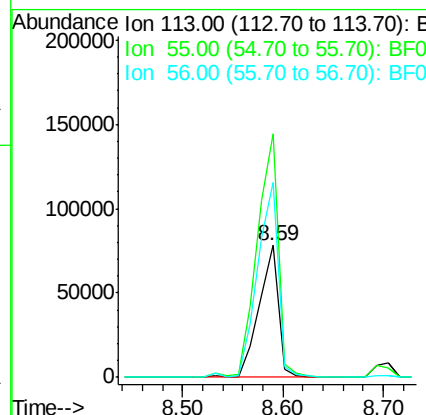
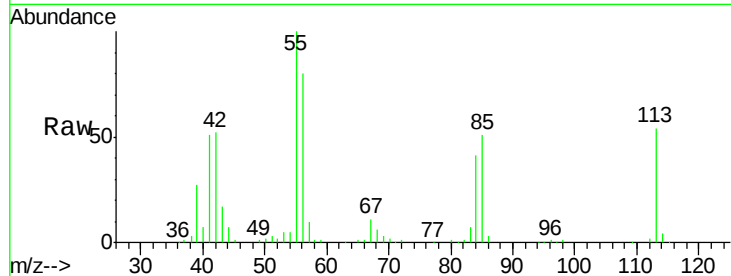
#35
 Caprolactam
 Concen: 36.01 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.3	195.5	235.5#
56	147.2	153.5	193.5#

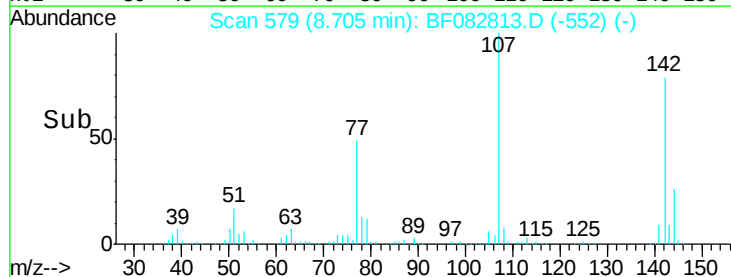
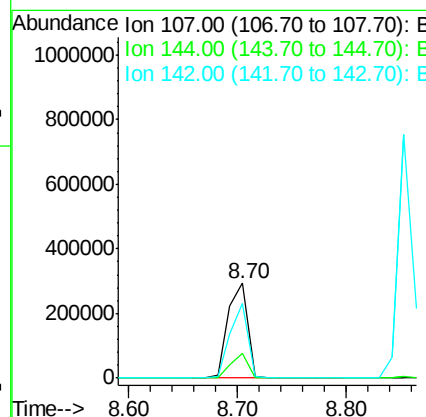
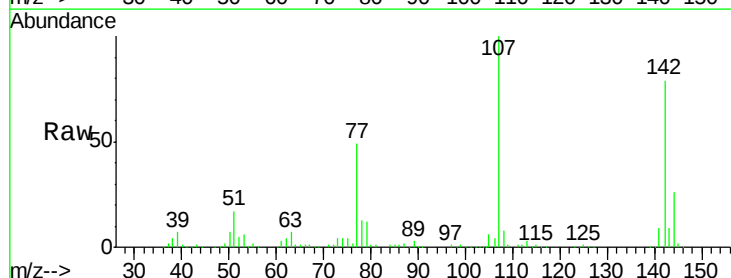
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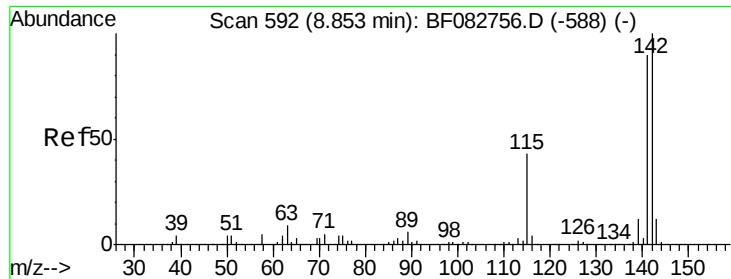
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#36
 4-Chloro-3-methylphenol
 Concen: 33.31 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	15.4	23.0#
142	79.3	47.8	71.8#





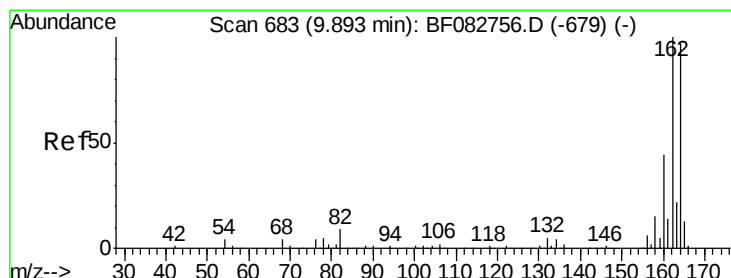
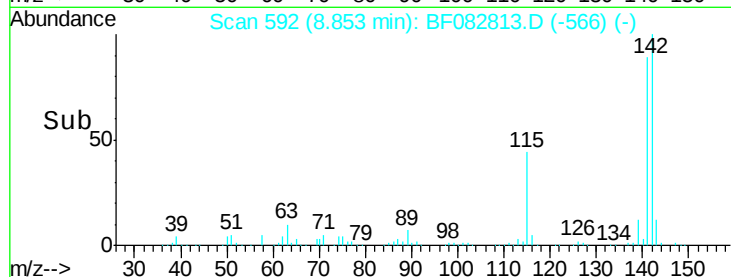
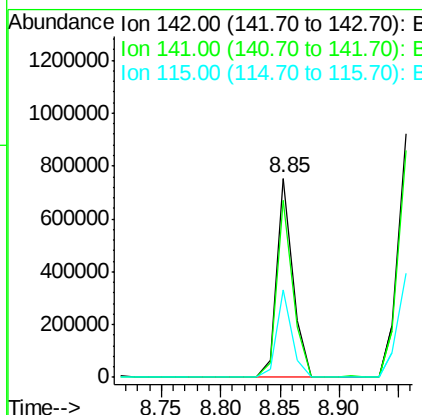
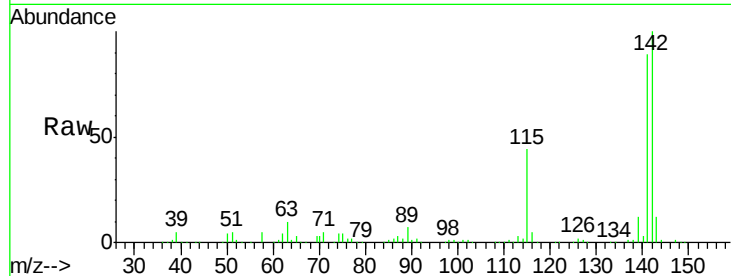
#37
2-Methylnaphthalene
Concen: 33.74 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.3	108.5
115	44.2	38.1	57.1

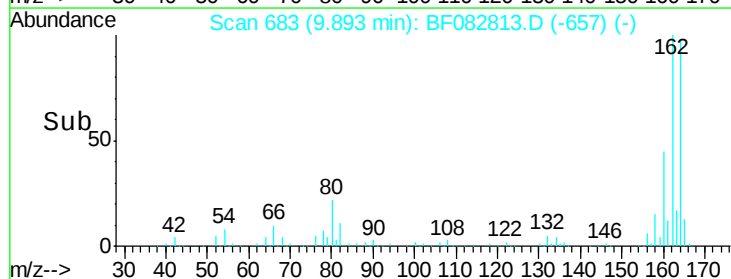
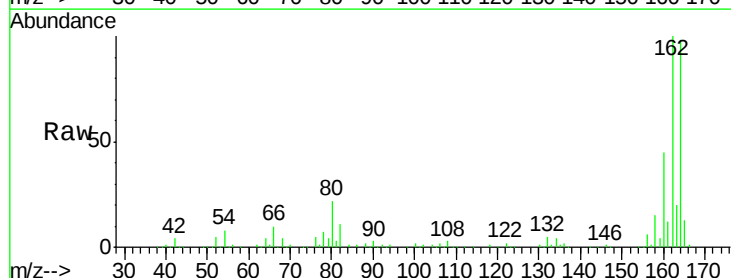
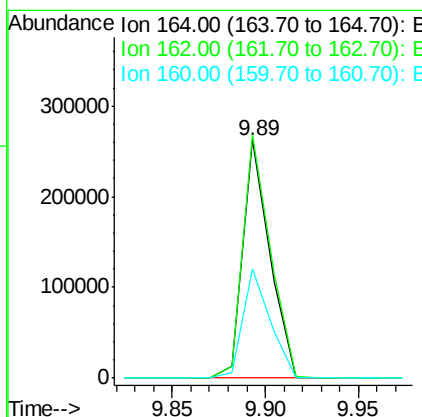
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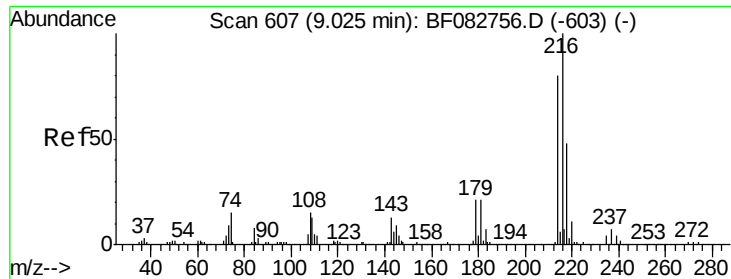
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	84.9	127.3
160	46.1	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.92 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

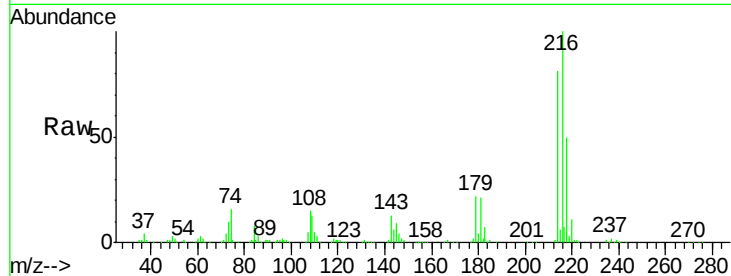
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		413915		
214	81.1	62.2	93.2		
179	22.7	18.1	27.1		
108	18.9	16.6	25.0		

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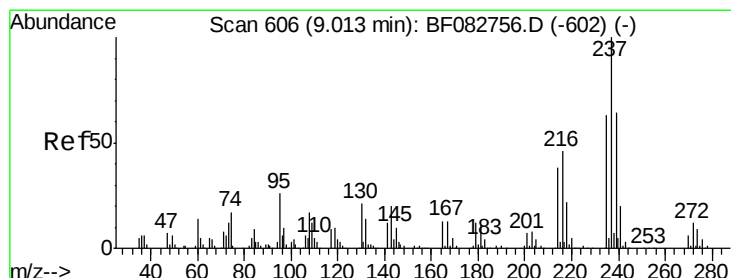
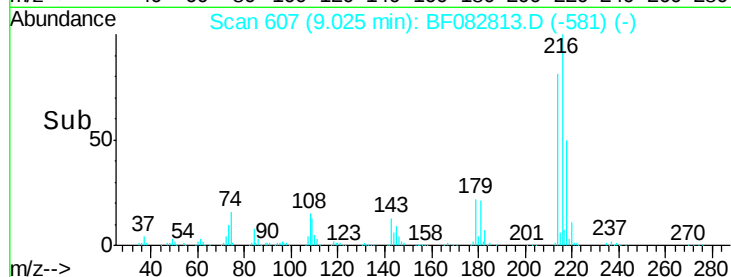
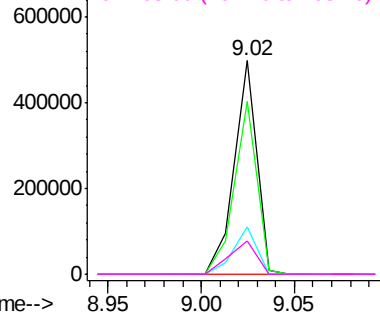


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.16 ng

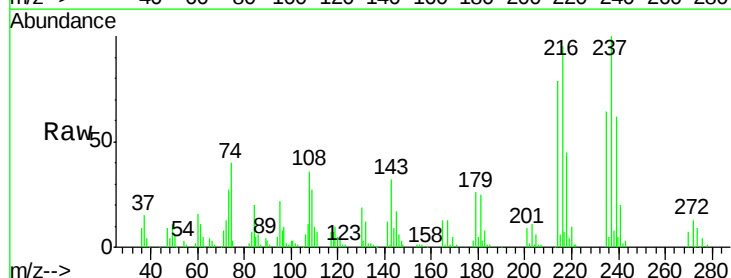
RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

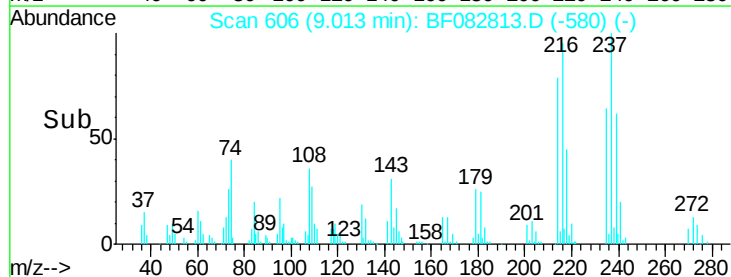
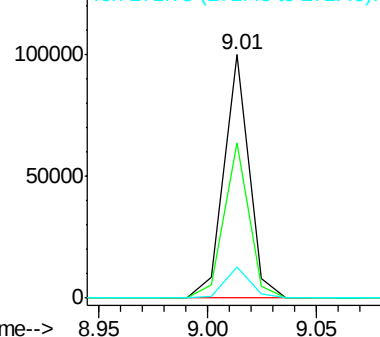
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		79629		
235	63.5	44.3	84.3		
272	12.8	0.0	31.9		

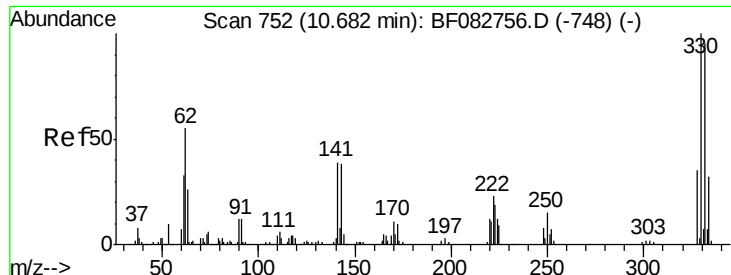


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





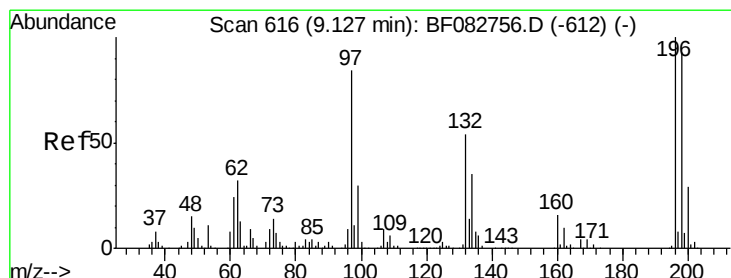
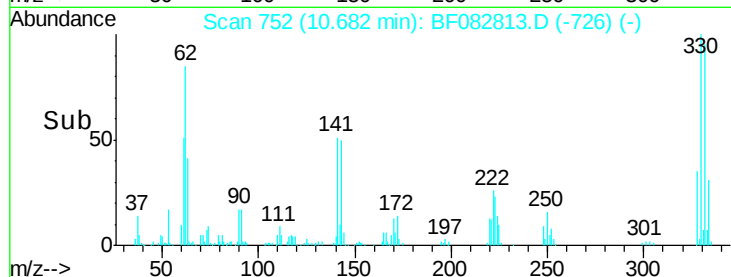
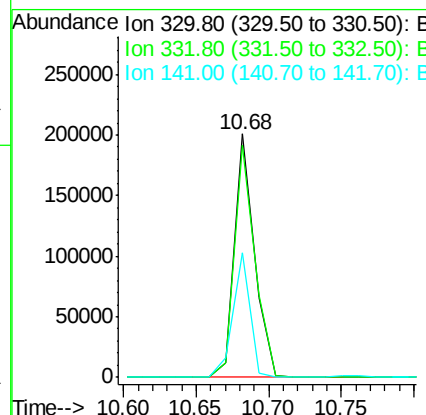
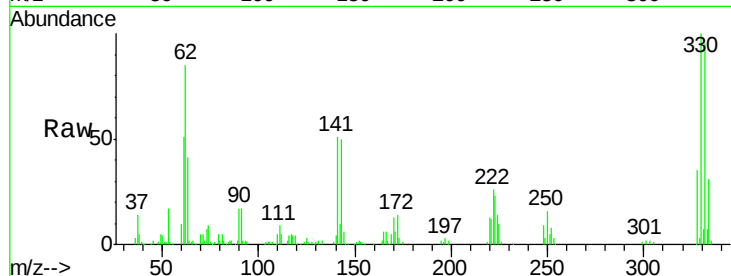
#41
 2,4,6-Tribromophenol
 Concen: 64.03 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	192957		
332	97.0	76.6	114.8	
141	43.7	41.2	61.8	

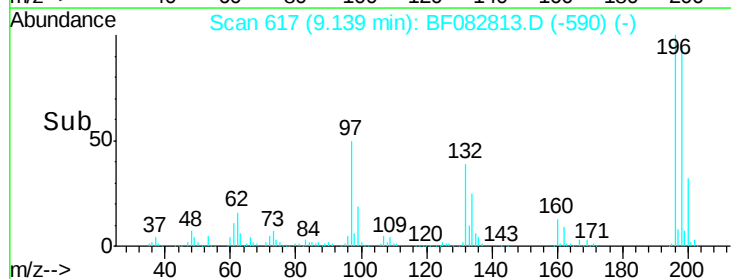
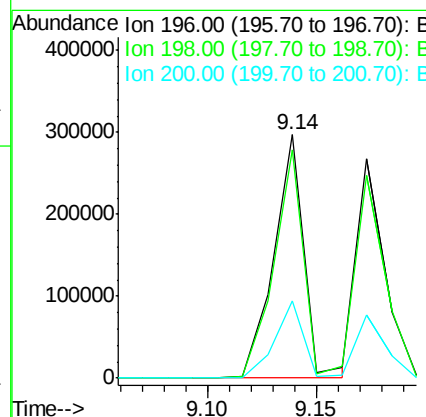
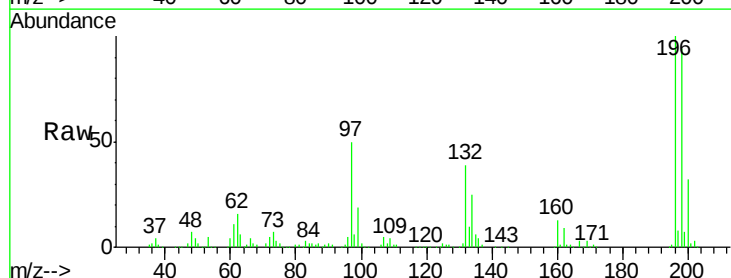
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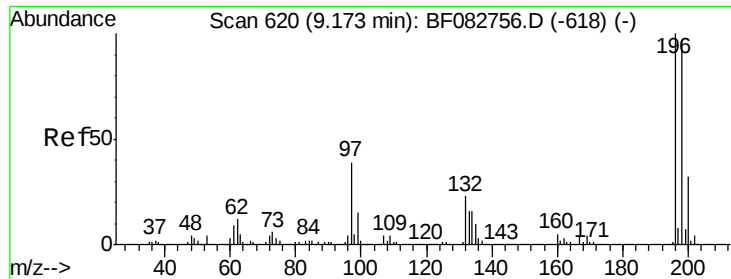
Mmdadoda
 11/9/2015 2:08:40 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.86 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

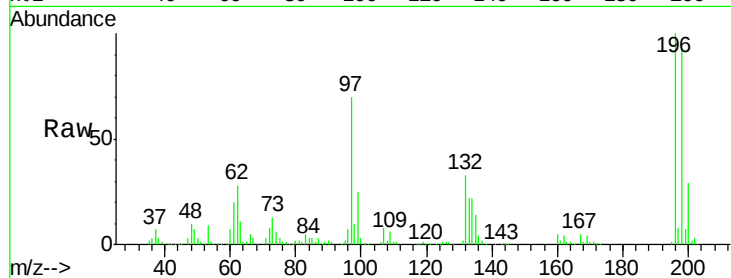
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289224		
198	93.8	76.3	114.5	
200	31.5	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 38.27 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

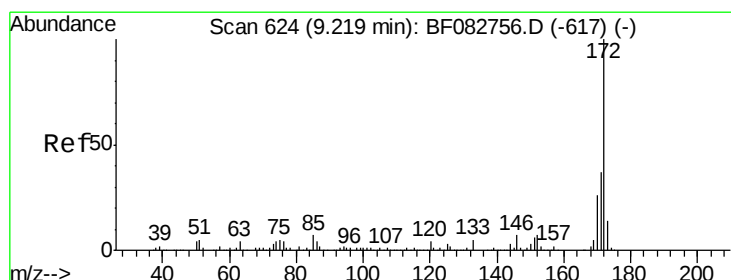
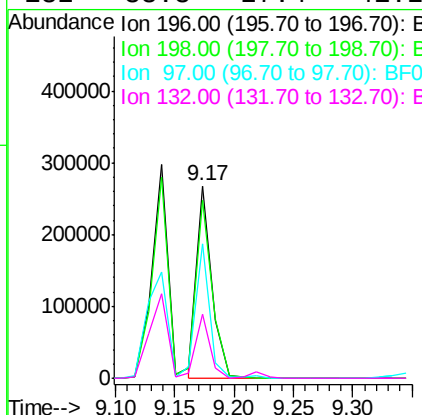
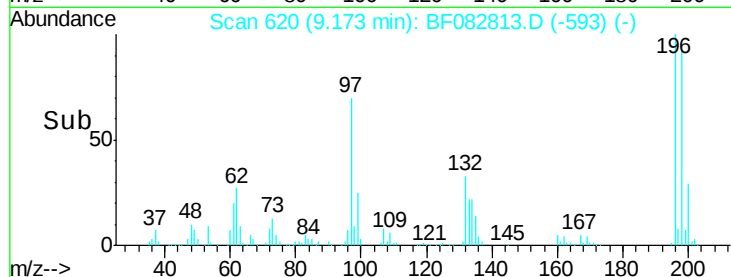
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tot Ion:	196	Resp:	244002
Ion Ratio	Lower	Upper	
196	100		
198	92.5	75.8	113.8
97	70.3	62.3	93.5
132	33.3	27.4	41.2

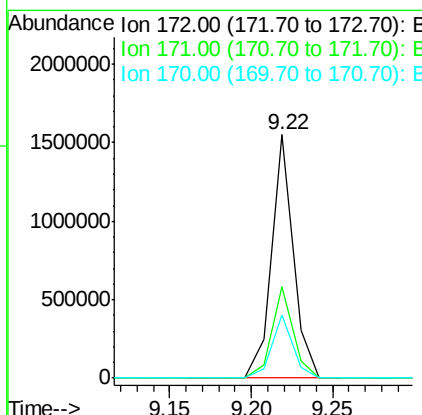
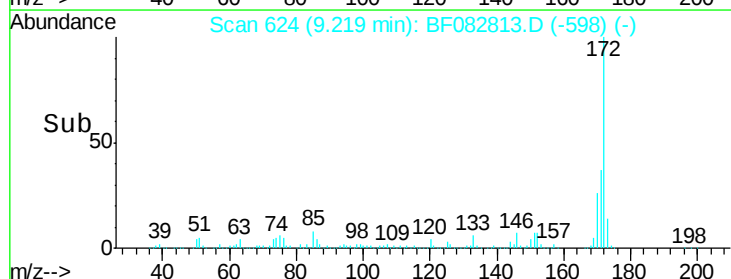
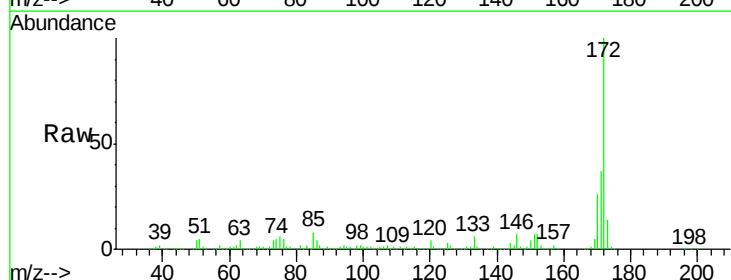
Manual Integrations
 APPROVED

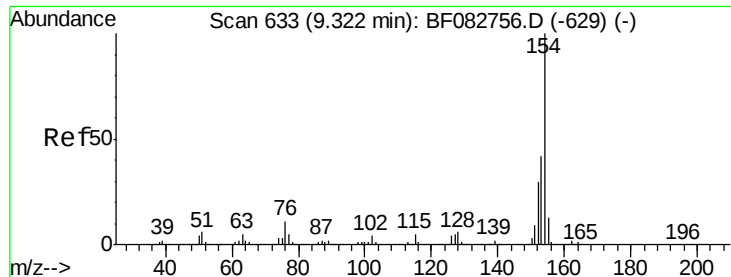
Mmdadoda
 11/9/2015 2:08:40 PM



#44
 2-Fluorobiphenyl
 Concen: 78.89 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Tgt Ion:	172	Resp:	1446711
Ion Ratio	Lower	Upper	
172	100		
171	37.5	30.8	46.2
170	26.0	21.2	31.8





#45

1,1'-Biphenyl

Concen: 44.35 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1000118

Ion Ratio Lower Upper

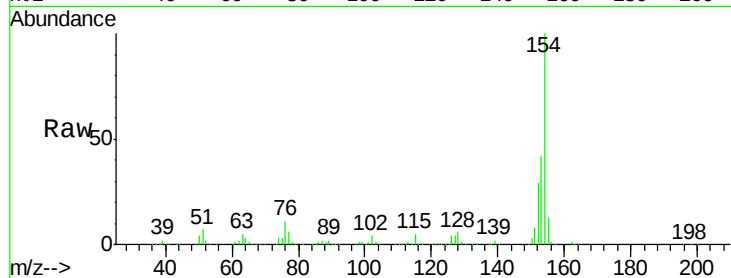
154 100

153 41.8 22.0 62.0

76 11.4 0.0 29.0

Manual Integrations
APPROVED

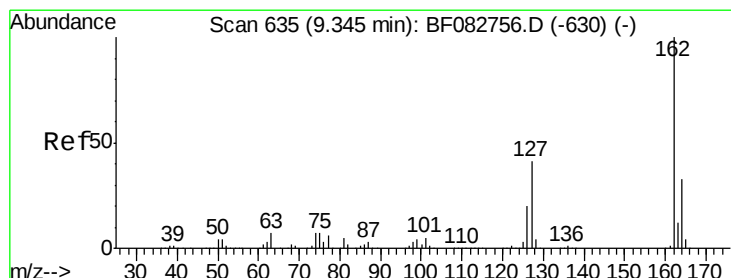
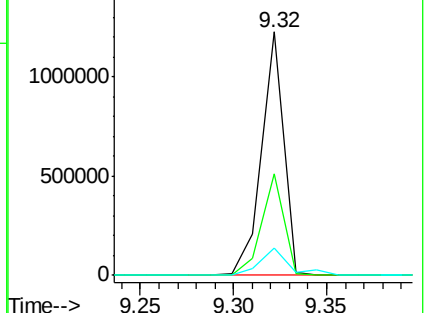
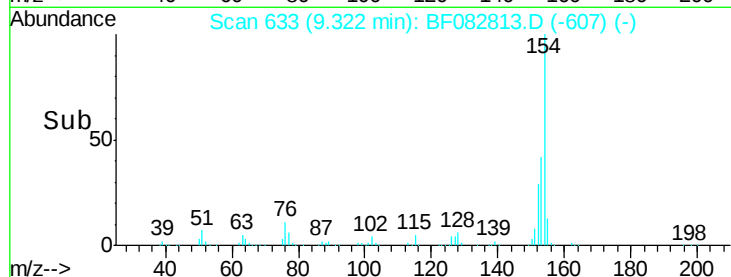
Mmdadoda
11/9/2015 2:08:40 PM



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: 43.19 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

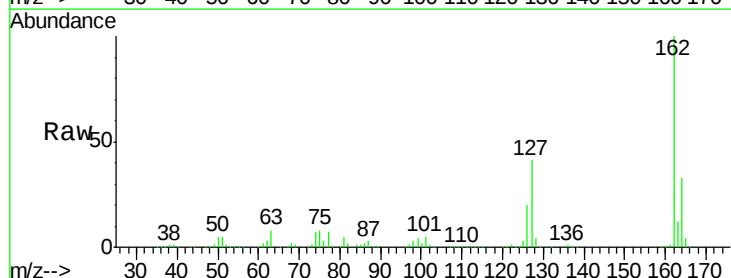
Tgt Ion:162 Resp: 759801

Ion Ratio Lower Upper

162 100

127 41.5 32.7 49.1

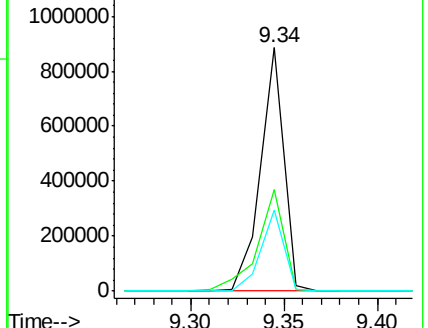
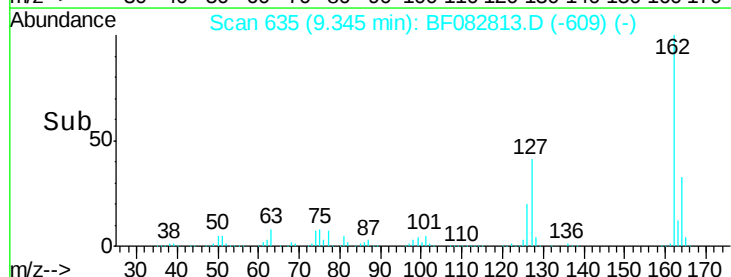
164 33.3 27.4 41.0

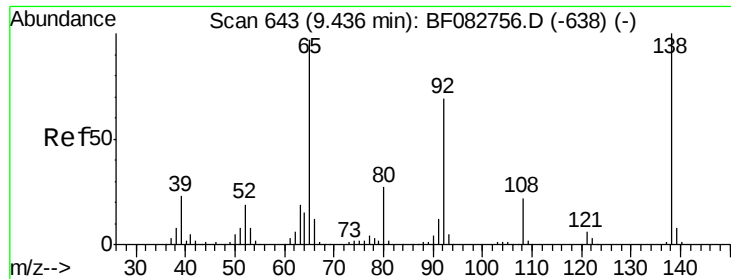


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.28 ng

RT: 9.44 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

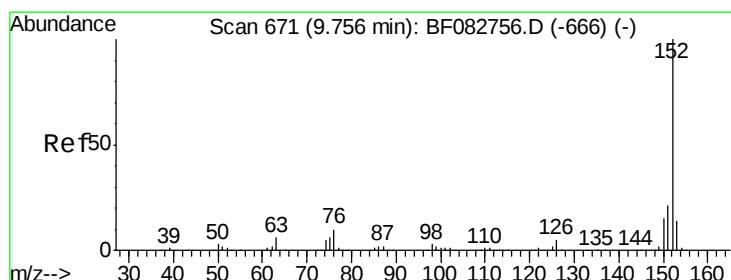
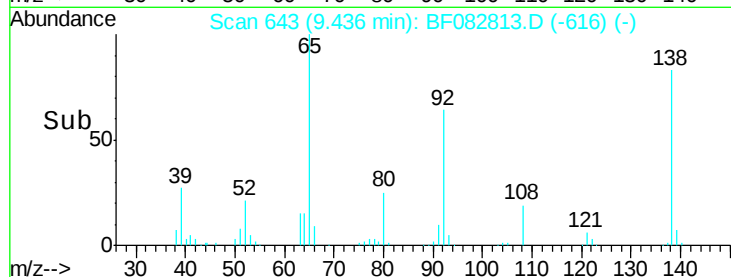
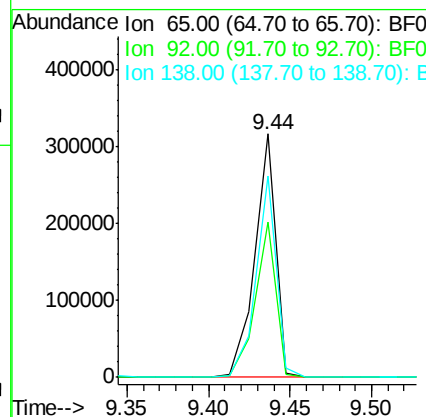
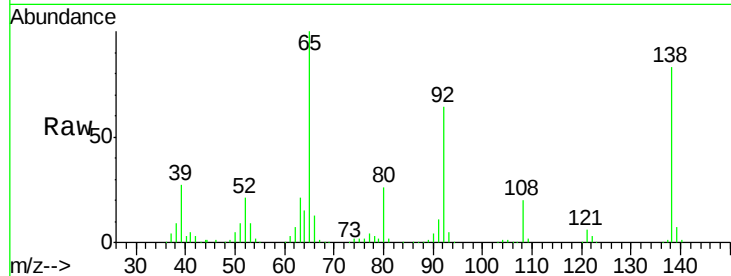
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	282473
Ion Ratio	Lower	Upper	
65	100		
92	63.8	46.6	70.0
138	82.7	54.6	81.8#

Manual Integrations
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Mmdadoda
11/9/2015 2:08:40 PM



#48

Acenaphthylene

Concen: 39.98 ng

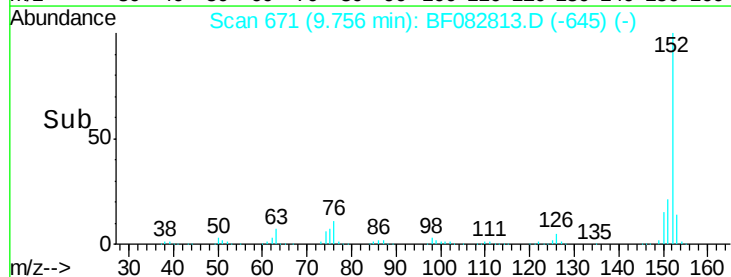
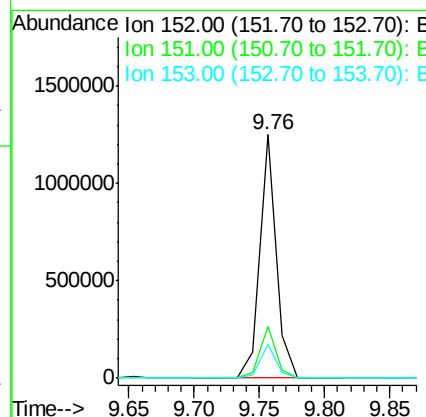
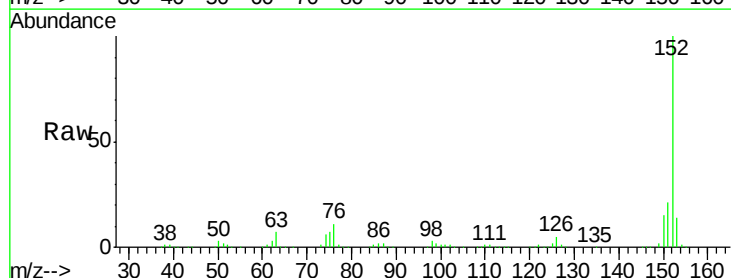
RT: 9.76 min Scan# 671

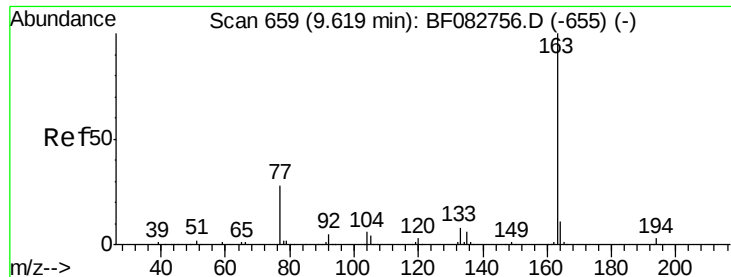
Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Tgt Ion:	152	Resp:	1102229
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.3	25.9
153	13.7	11.3	16.9





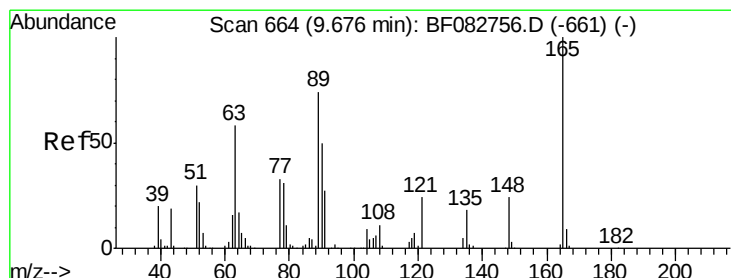
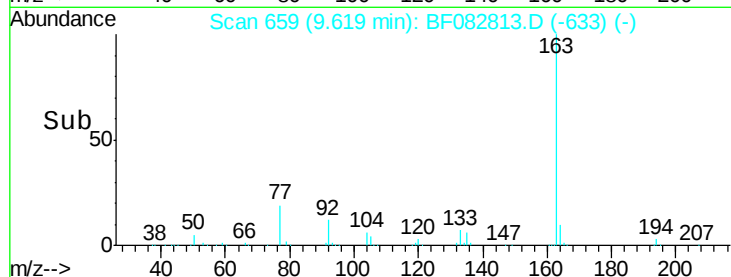
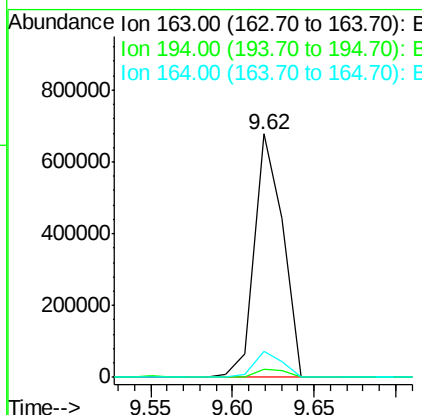
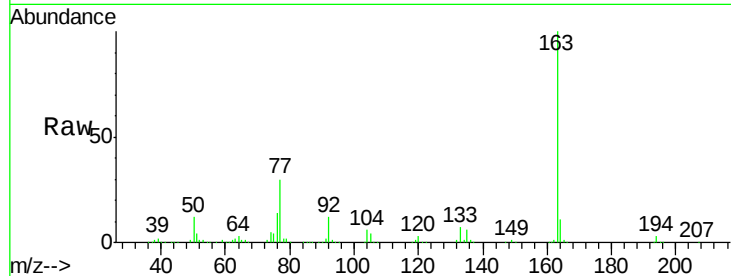
#49
Dimethylphthalate
Concen: 38.01 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	818520		
194	3.2		2.6	4.0
164	10.6		8.7	13.1

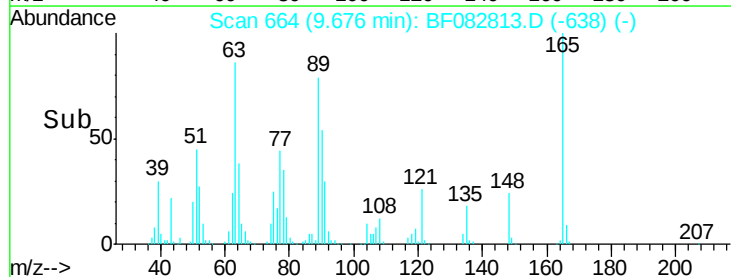
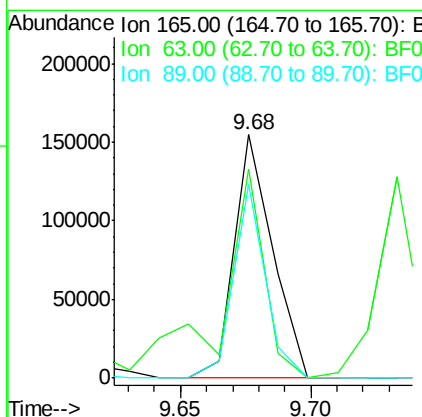
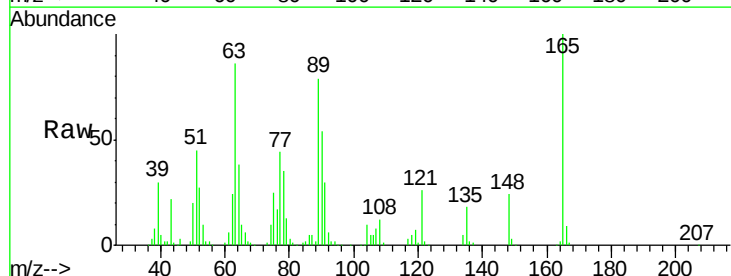
Manual Integrations
APPROVED

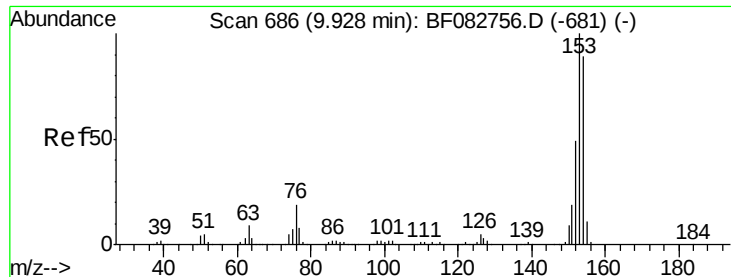
Mmdadoda
11/9/2015 2:08:40 PM



#50
2,6-Dinitrotoluene
Concen: 34.62 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	159087		
63	86.0		55.5	83.3#
89	79.4		55.0	82.6





#51

Acenaphthene

Concen: 35.64 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

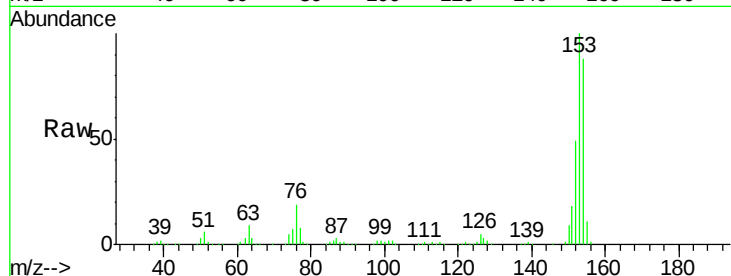
ClientSampleId :

SSTDCCC040

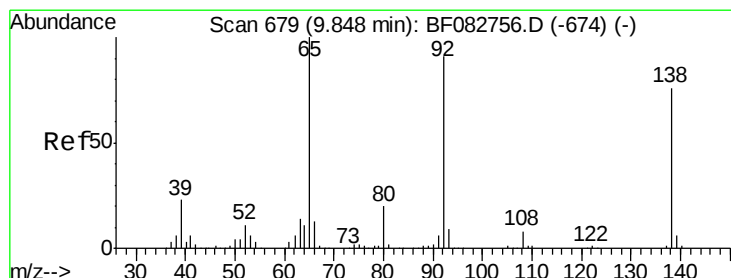
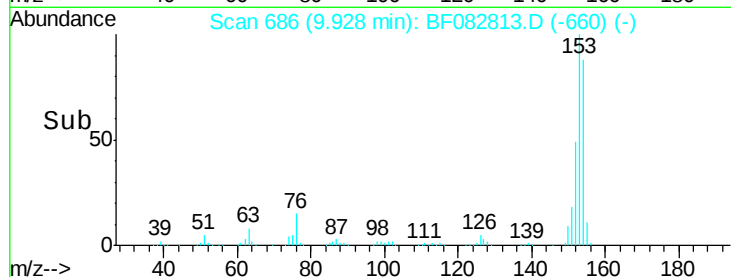
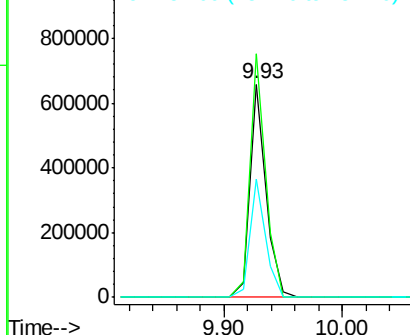
Tot Ion:	154	Resp:	622783
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.1	135.1
152	55.6	44.3	66.5

Manual Integrations
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Mmdadoda
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.70 ng

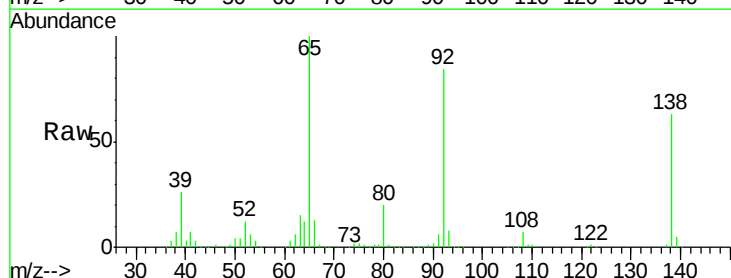
RT: 9.85 min Scan# 679

Delta R.T. 0.01 min

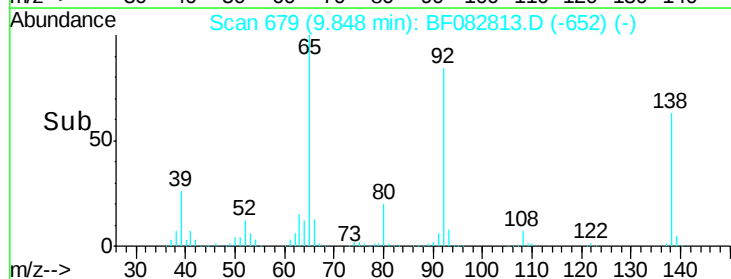
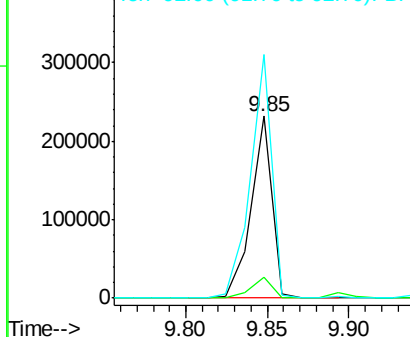
Lab File: BF082813.D

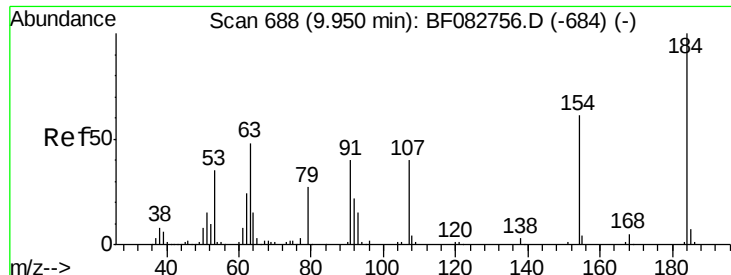
Acq: 8 Nov 2015 00:38

Tgt Ion:	138	Resp:	205662
Ion Ratio	Lower	Upper	
138	100		
108	11.8	11.3	16.9
92	134.1	122.4	183.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





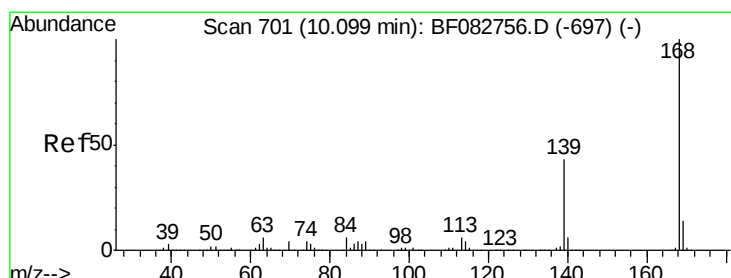
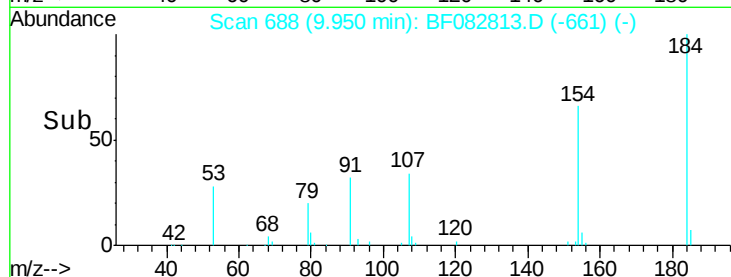
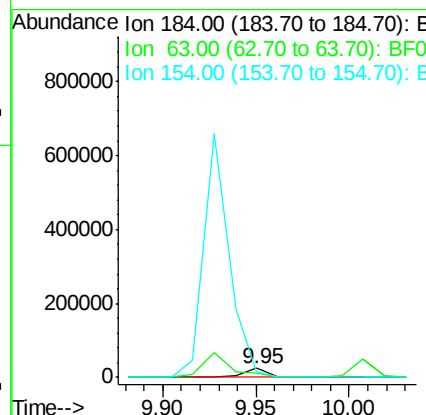
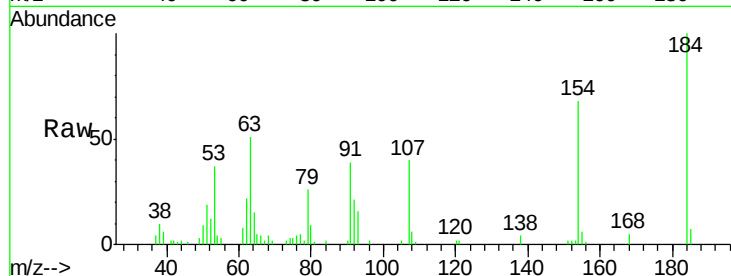
#53
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.0	98.6	148.0#
154	67.6	183.9	275.9#

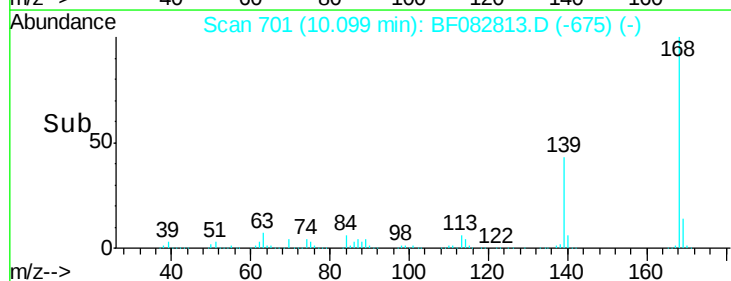
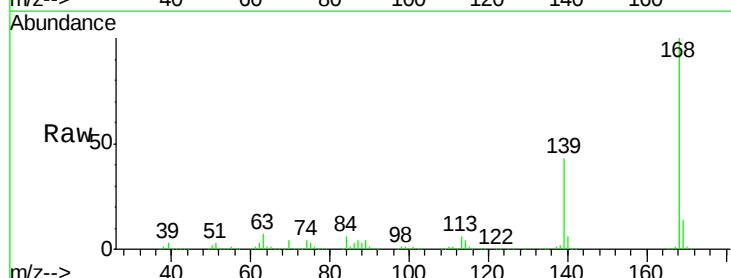
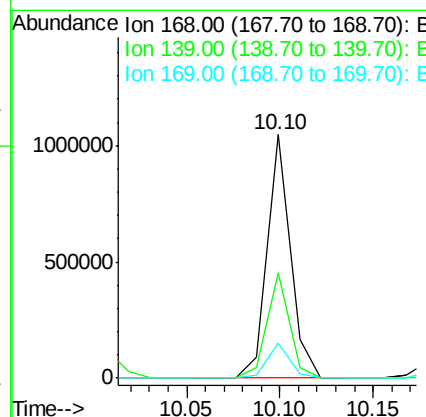
Manual Integrations
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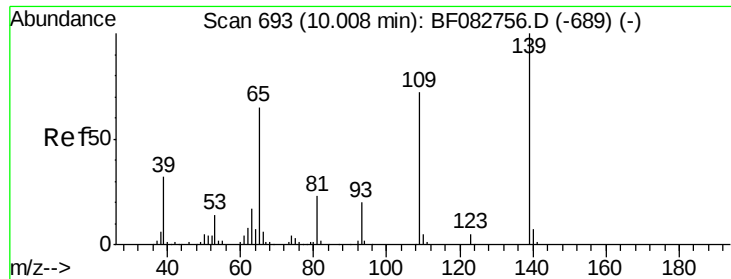
Mmdadoda
11/9/2015 2:08:40 PM



#54
Dibenzofuran
Concen: 38.09 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.3	37.8	56.6
169	14.2	11.3	16.9





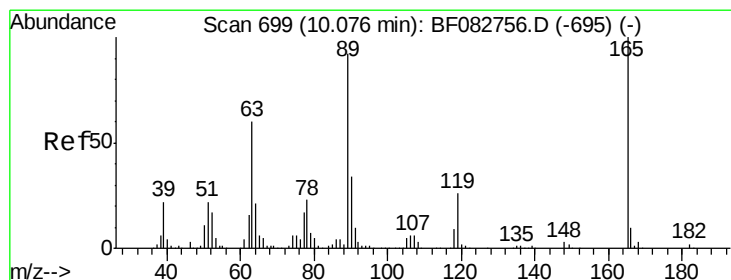
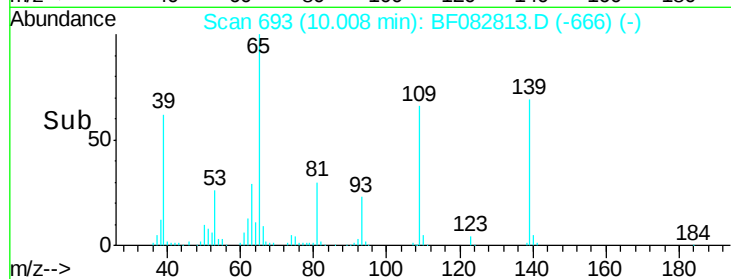
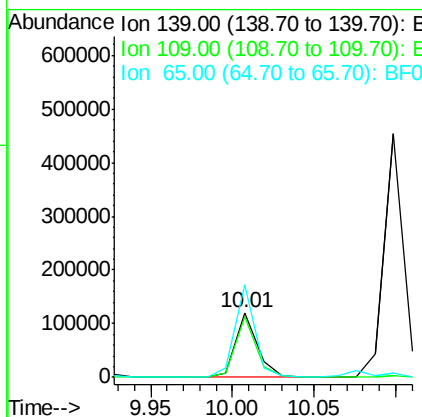
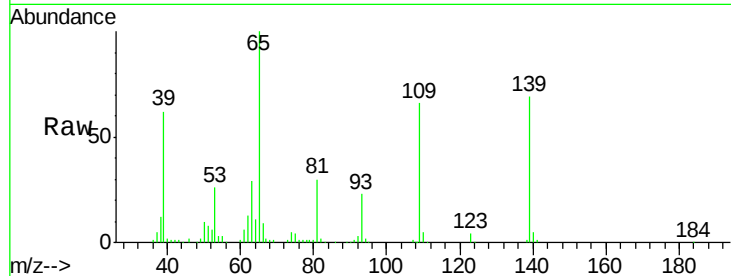
#55
4-Nitrophenol
Concen: 28.82 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	94.8	73.7	113.7
65	144.2	82.9	122.9

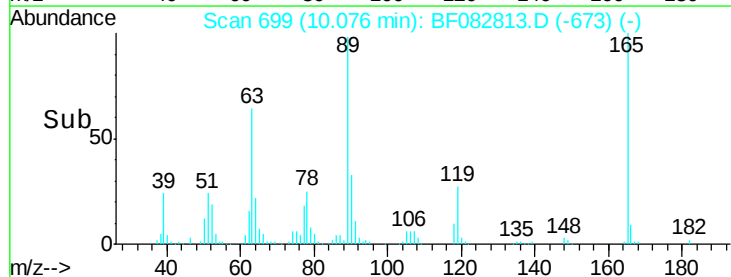
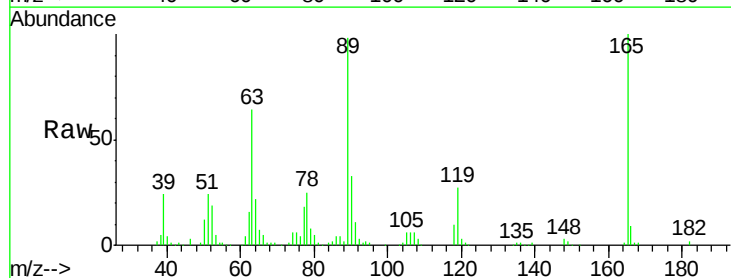
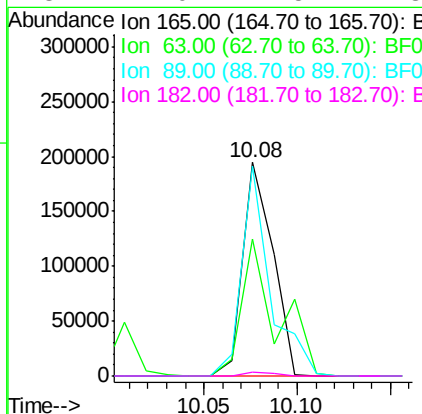
Manual Integrations
APPROVED

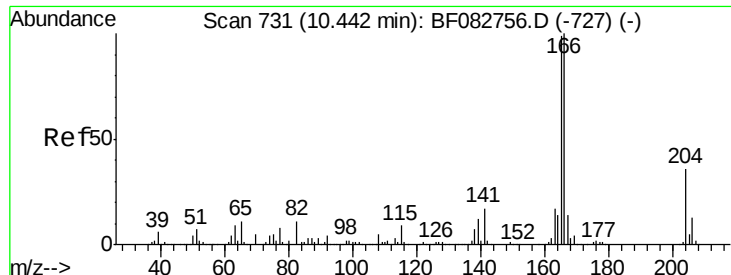
Mmdadoda
11/9/2015 2:08:40 PM



#56
2,4-Dinitrotoluene
Concen: 35.29 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.9	43.4	65.0
89	98.3	70.6	106.0
182	2.0	1.5	2.3





#57

Fluorene

Concen: 38.39 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

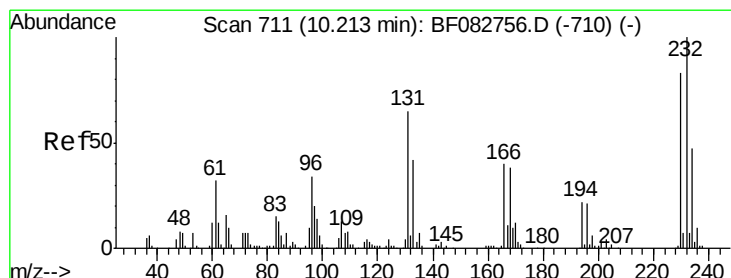
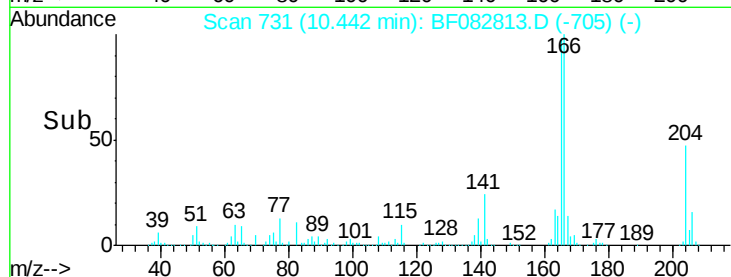
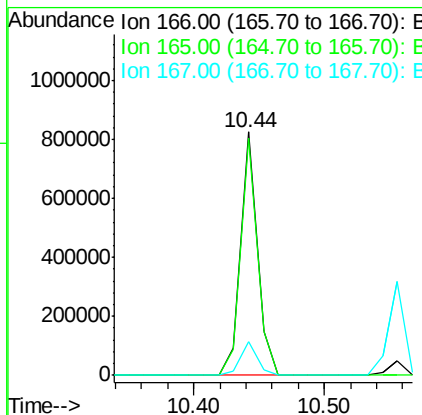
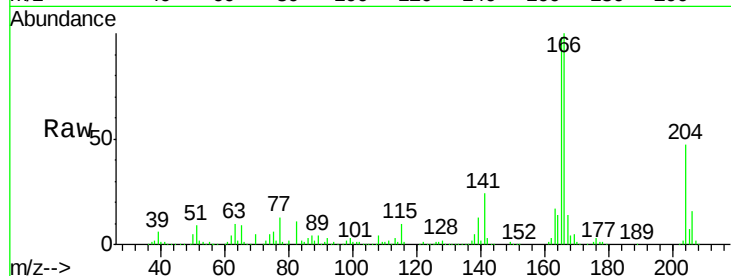
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	80.2	120.4
167	13.9	11.2	16.8

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:40 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.58 ng

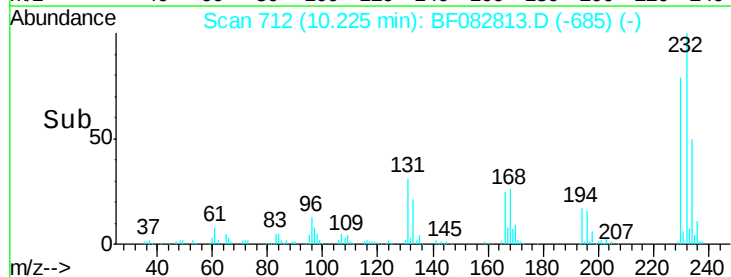
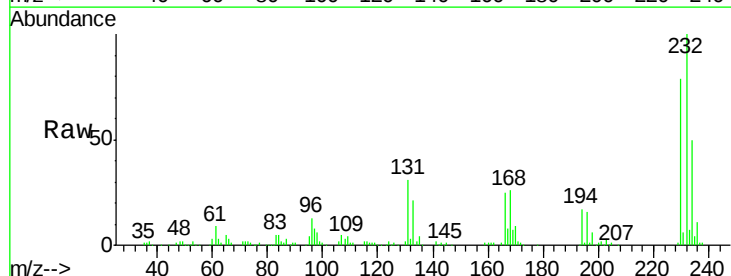
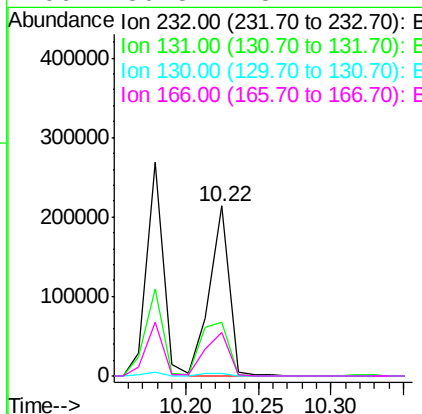
RT: 10.22 min Scan# 712

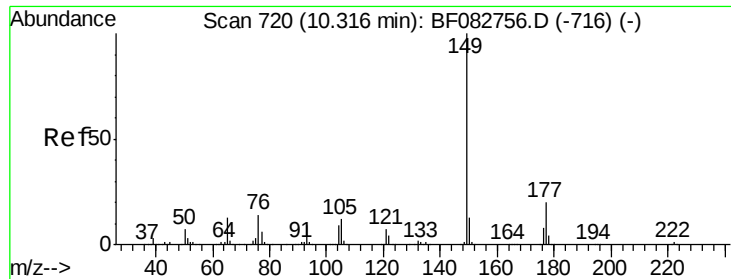
Delta R.T. 0.01 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.6	46.2	69.2#
130	2.2	2.4	3.6#
166	30.8	28.2	42.2





#59

Diethylphthalate

Concen: 40.71 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

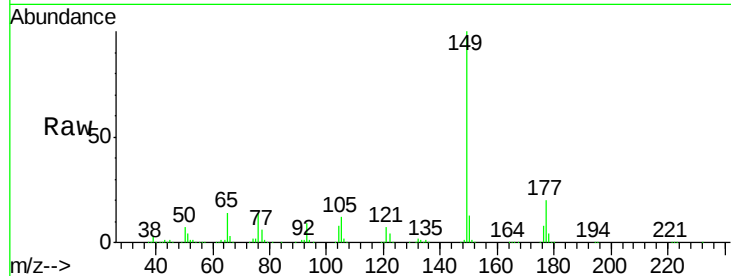
ClientSampleId :

SSTDCCC040

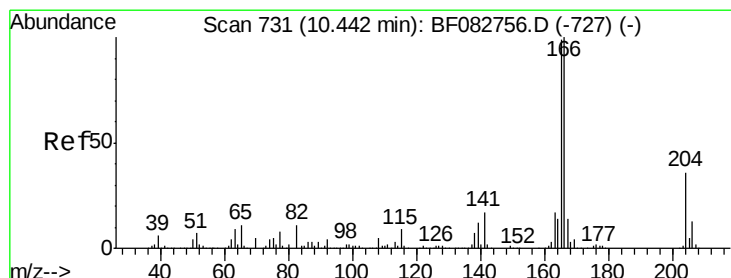
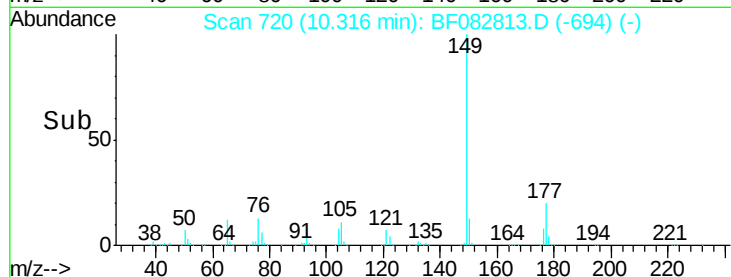
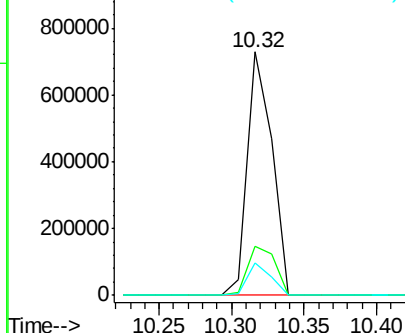
Tot Ion:	149	Resp:	856006
Ion Ratio	Lower	Upper	
149	100		
177	20.1	17.9	26.9
150	13.2	10.1	15.1

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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: 41.42 ng

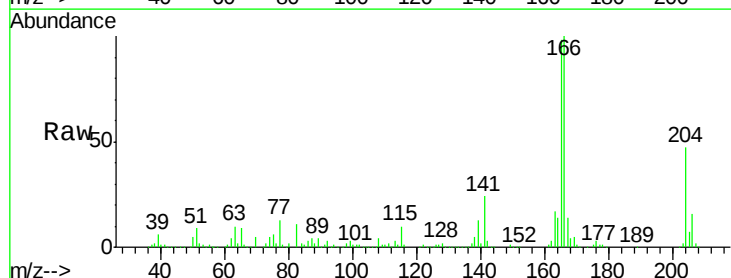
RT: 10.44 min Scan# 731

Delta R.T. 0.01 min

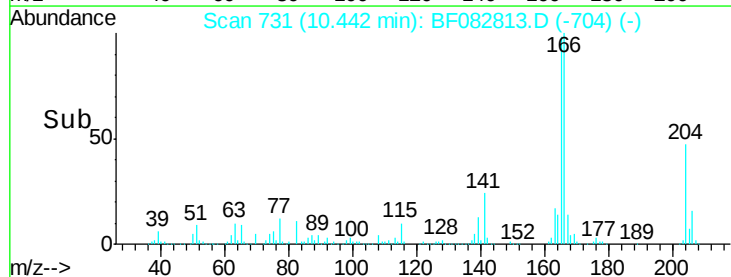
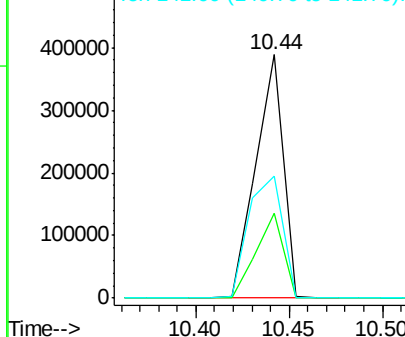
Lab File: BF082813.D

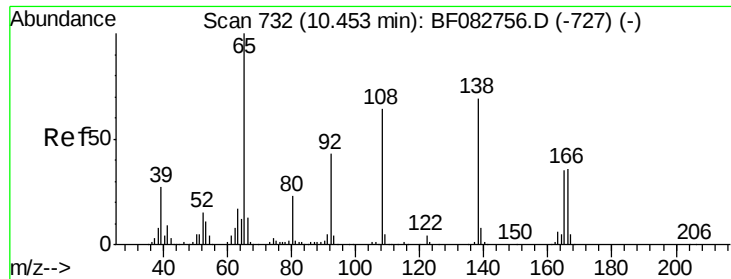
Acq: 8 Nov 2015 00:38

Tgt Ion:	204	Resp:	395419
Ion Ratio	Lower	Upper	
204	100		
206	34.7	28.5	42.7
141	50.2	44.6	66.8



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: 33.91 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

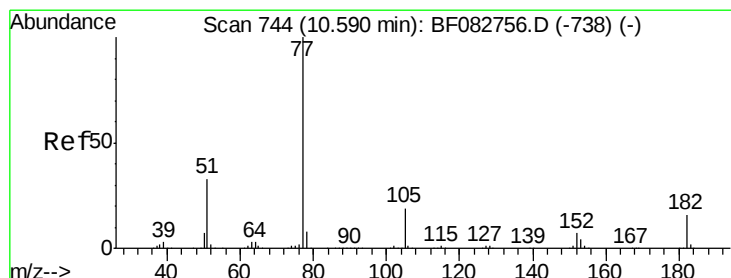
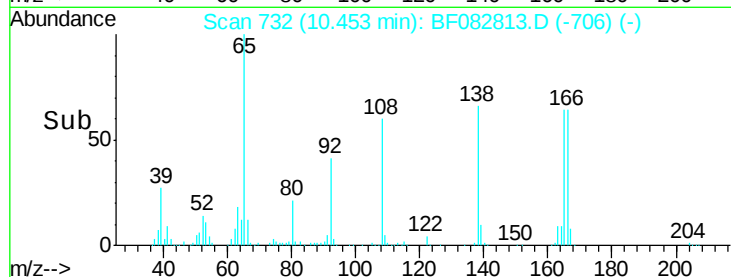
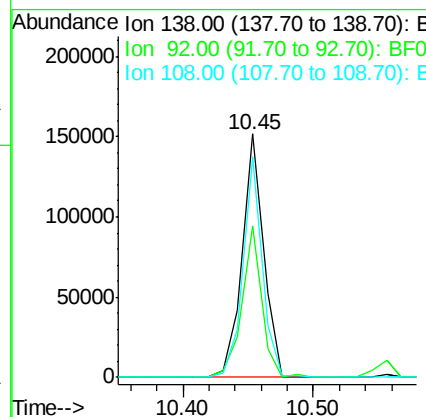
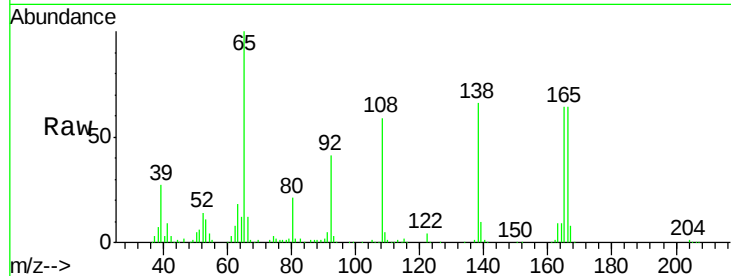
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	172308
Ion Ratio	Lower	Upper	
138	100		
92	62.3	45.8	85.8
108	90.6	89.4	129.4

Manual Integrations
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#62

Azobenzene

Concen: 42.10 ng

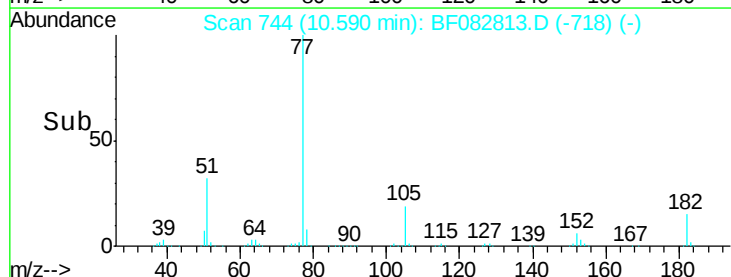
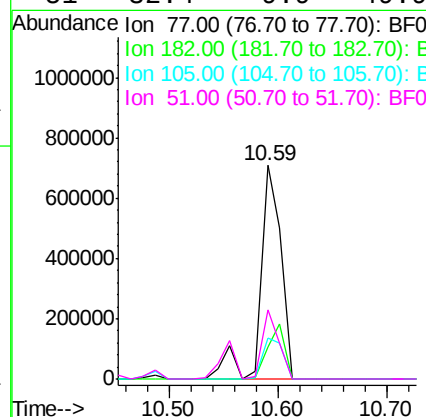
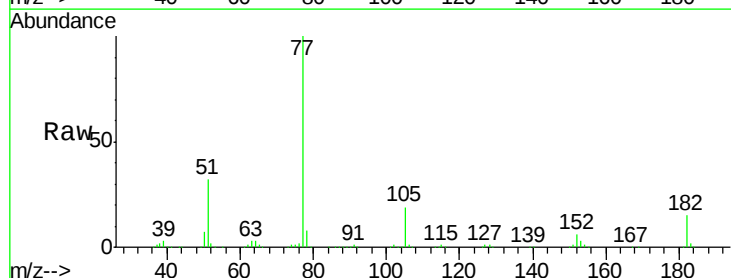
RT: 10.59 min Scan# 744

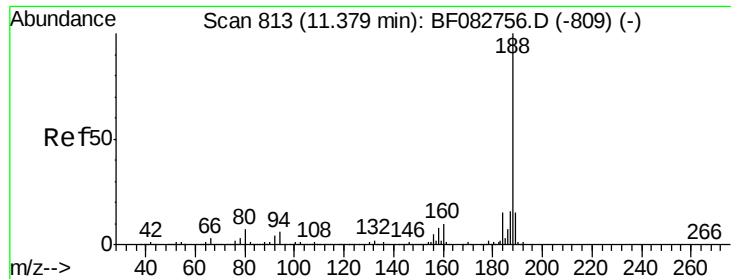
Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Tgt Ion:	77	Resp:	950812
Ion Ratio	Lower	Upper	
77	100		
182	15.2	9.3	49.3
105	18.9	2.6	42.6
51	32.4	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

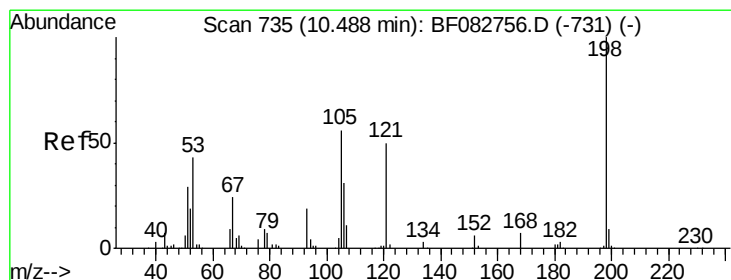
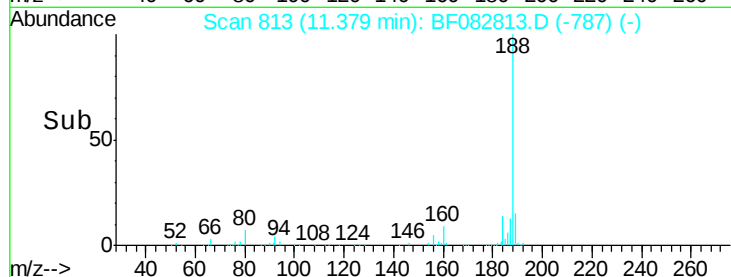
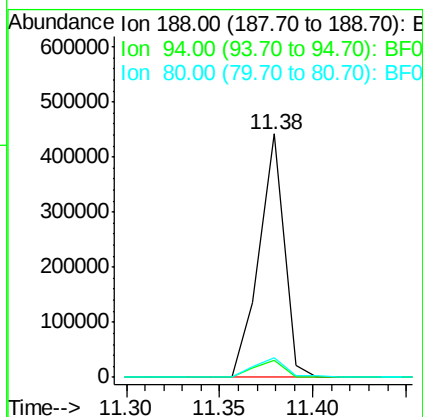
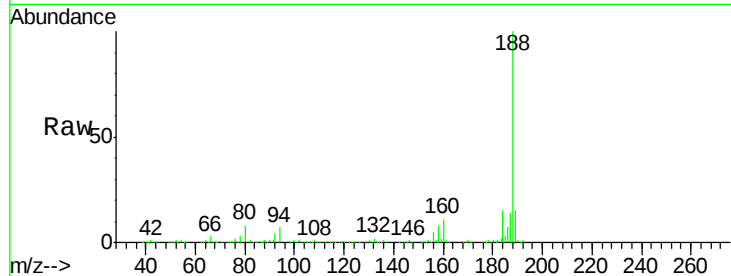
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	413167
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.1	9.1
80	8.1	7.0	10.6

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 16.57 ng

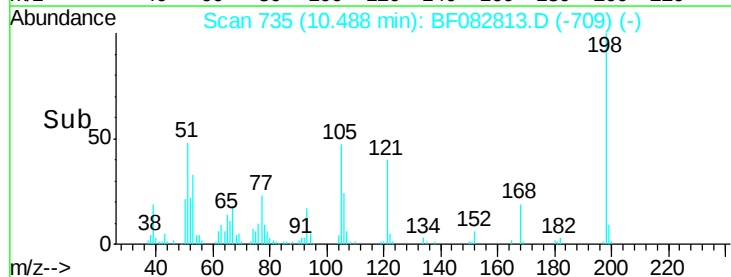
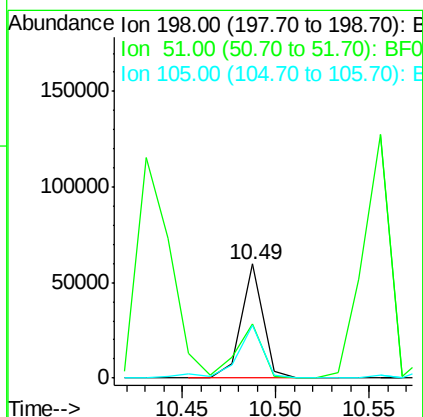
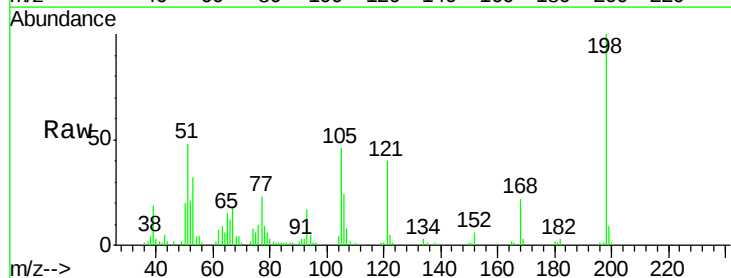
RT: 10.49 min Scan# 735

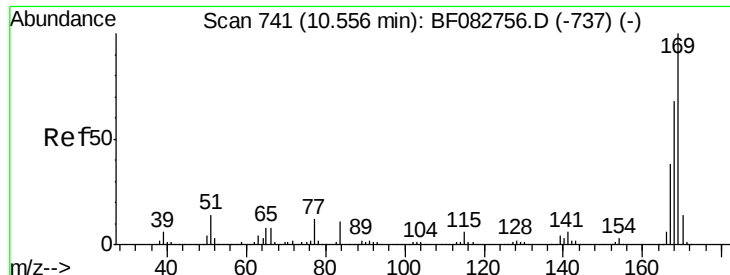
Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Tgt Ion:	198	Resp:	48770
Ion Ratio	Lower	Upper	
198	100		
51	47.7	17.3	57.3
105	46.1	21.7	61.7





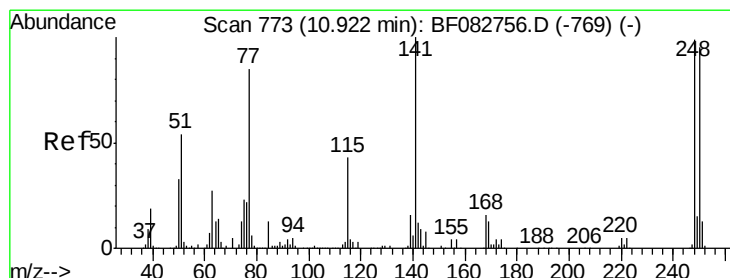
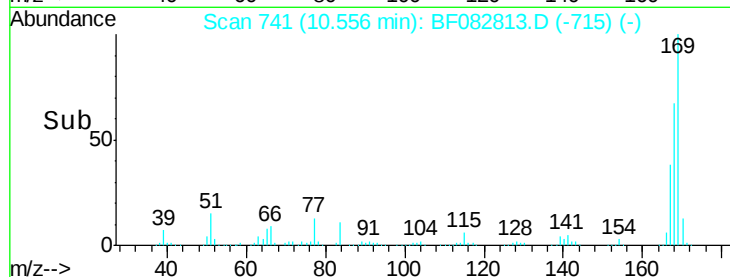
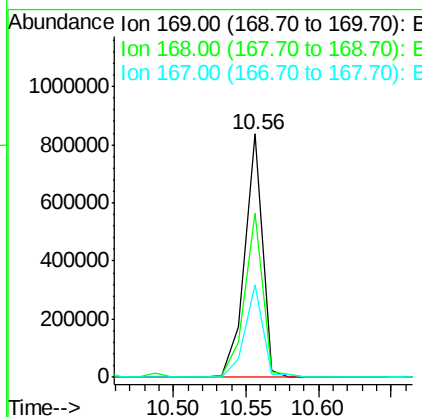
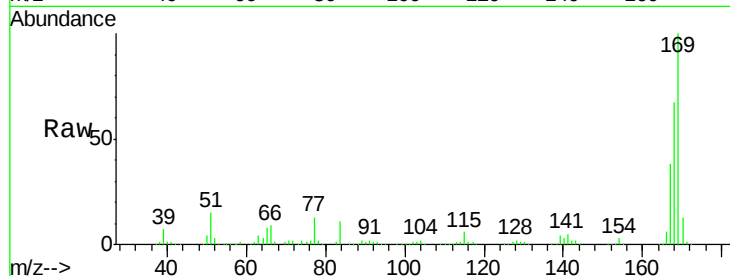
#65
n-Nitrosodiphenylamine
Concen: 48.05 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	55.0	82.6
167	38.0	30.5	45.7

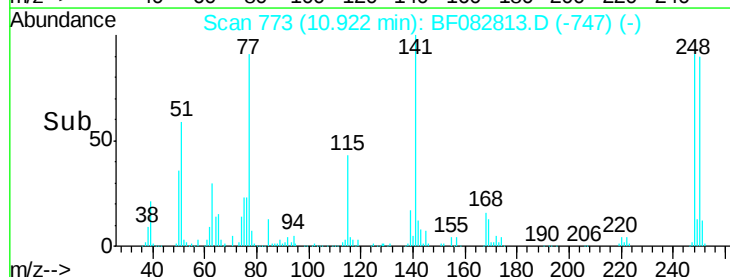
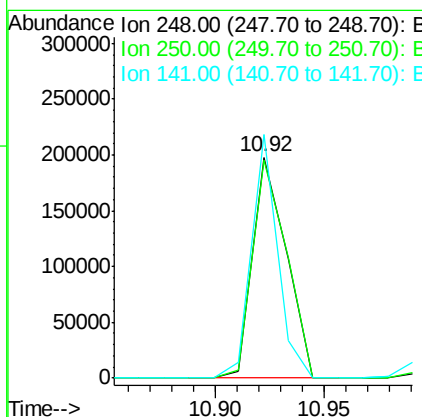
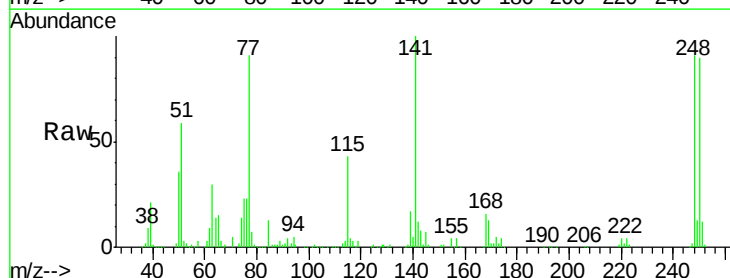
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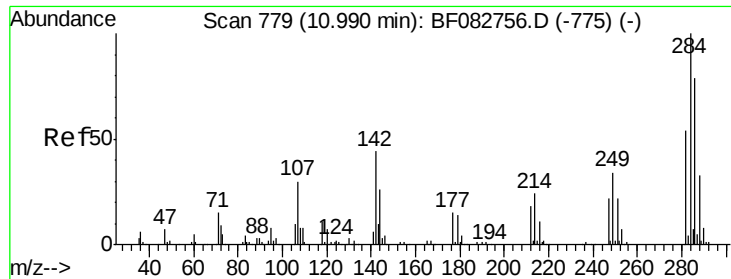
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#66
4-Bromophenyl-phenylether
Concen: 42.90 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.4	119.2
141	110.2	36.3	54.5#





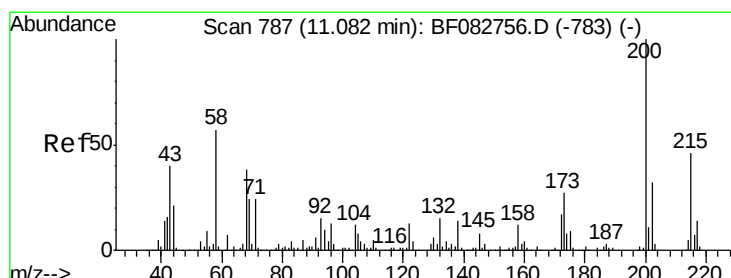
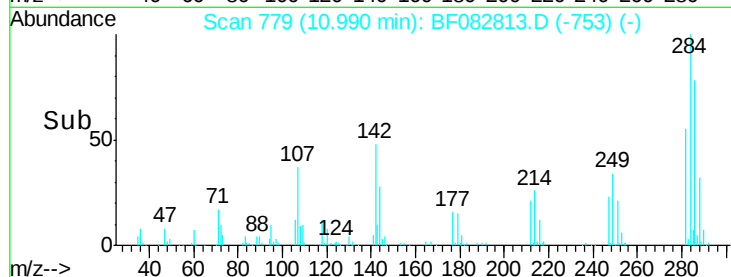
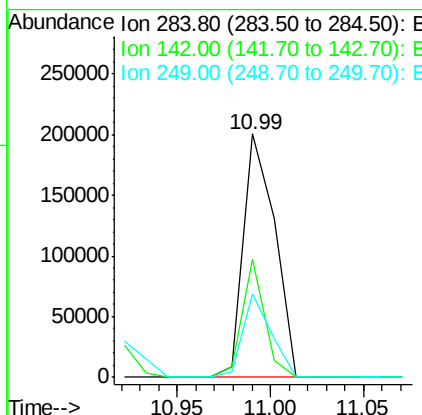
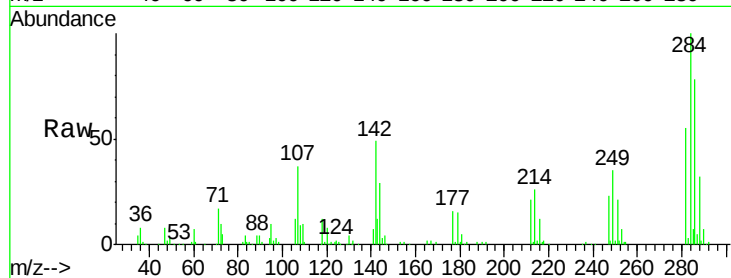
#67
Hexachlorobenzene
Concen: 42.18 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
284	100		234290		
142	48.7		47.9	71.9	
249	34.5		29.7	44.5	

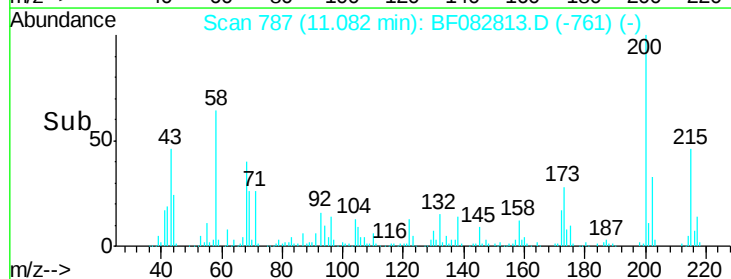
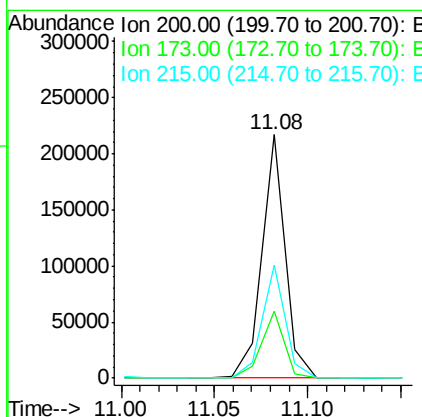
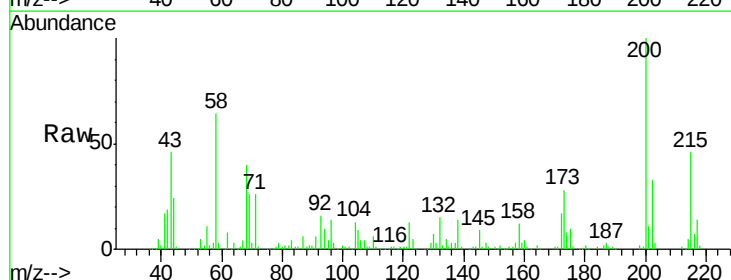
Manual Integrations
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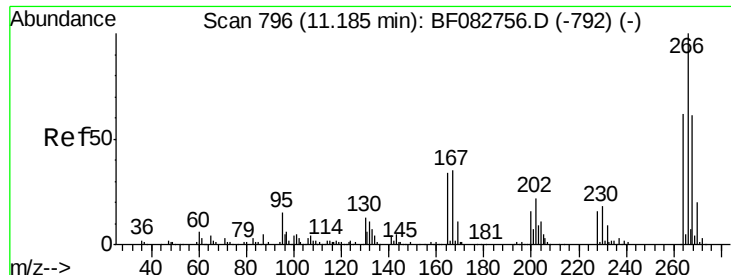
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#68
Atrazine
Concen: 40.77 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
200	100		188196		
173	27.6		6.9	46.9	
215	46.4		22.9	62.9	





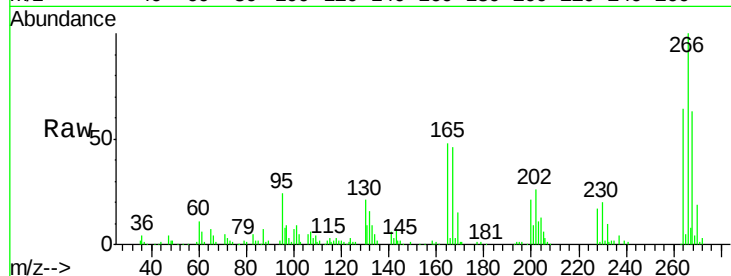
#69
 Pentachlorophenol
 Concen: 34.58 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

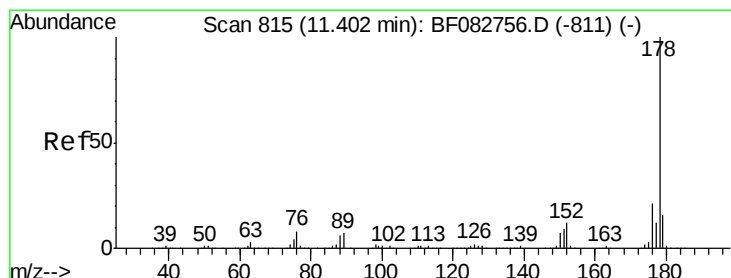
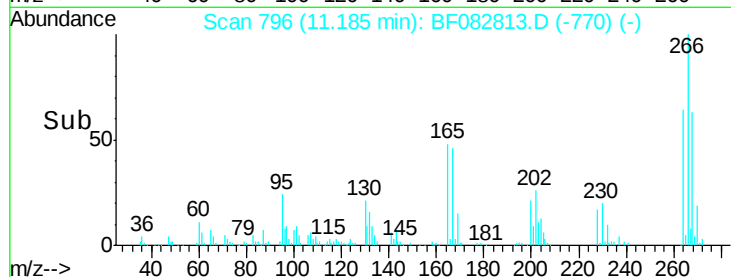
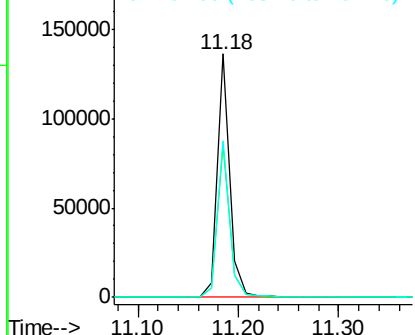
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.0	76.6
264	64.4	50.6	75.8

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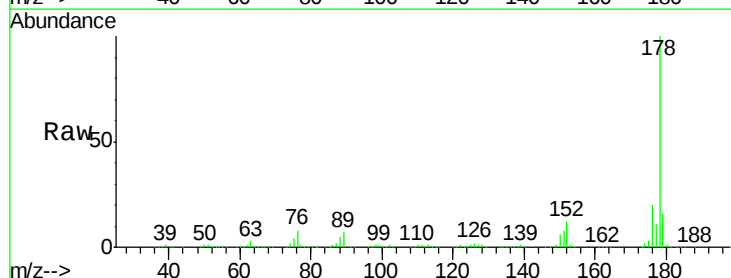


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

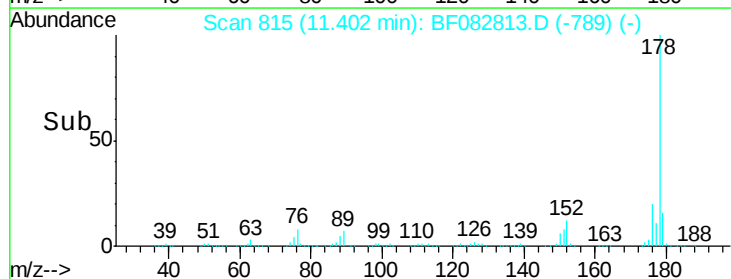
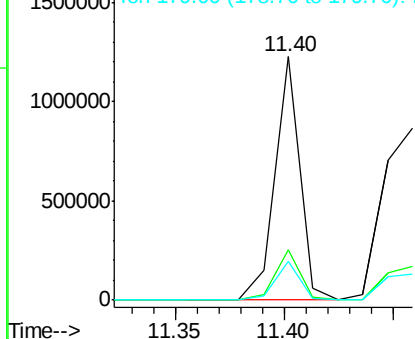


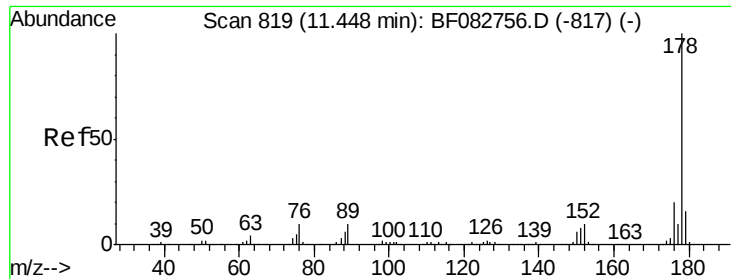
#70
 Phenanthrene
 Concen: 41.32 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	17.0	25.4
179	15.9	13.4	20.0



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





#71
 Anthracene
 Concen: 43.77 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

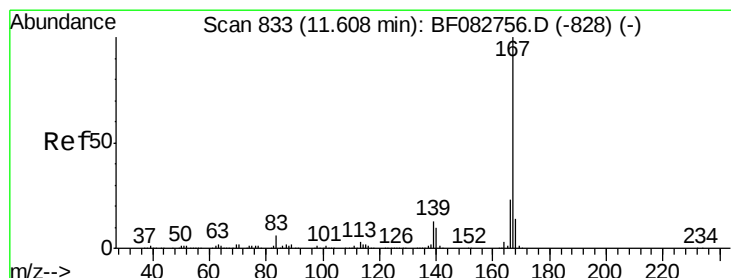
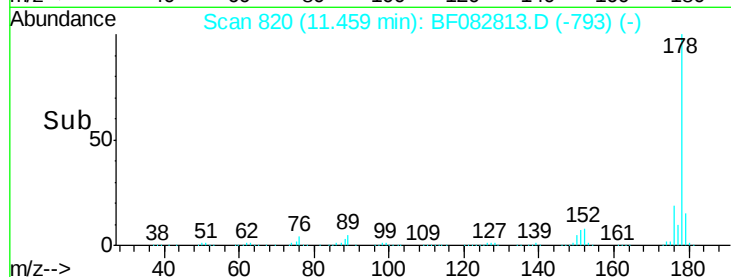
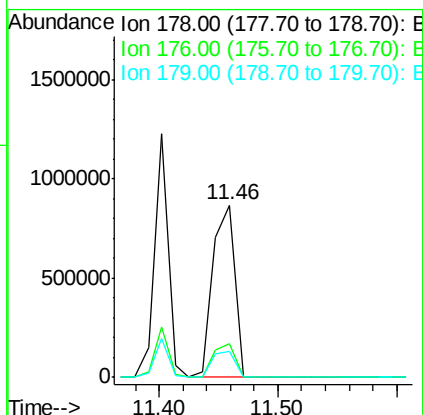
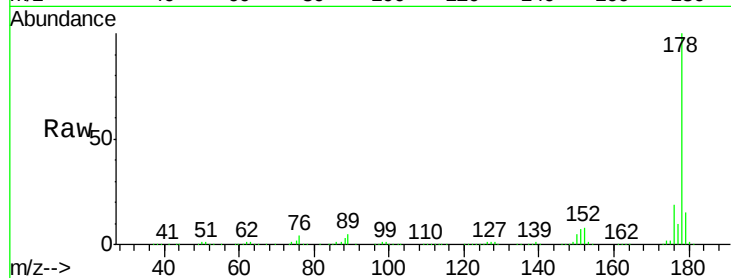
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1106367

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.5	24.7
179	15.4	13.2	19.8

Manual Integrations
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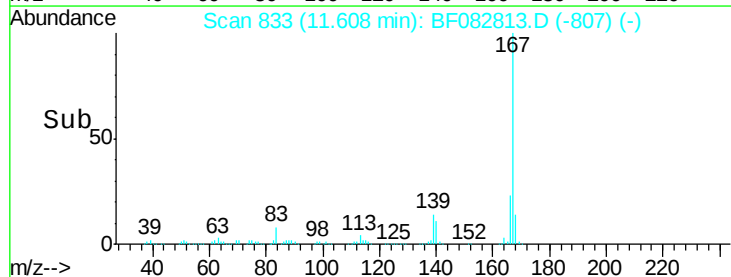
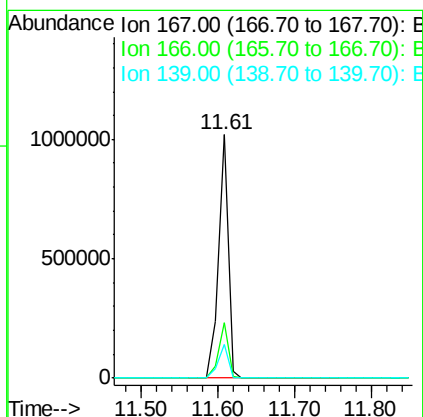
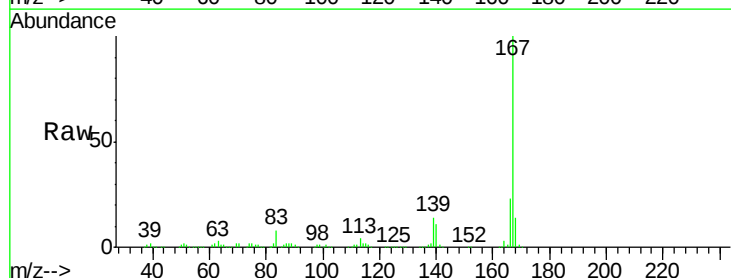
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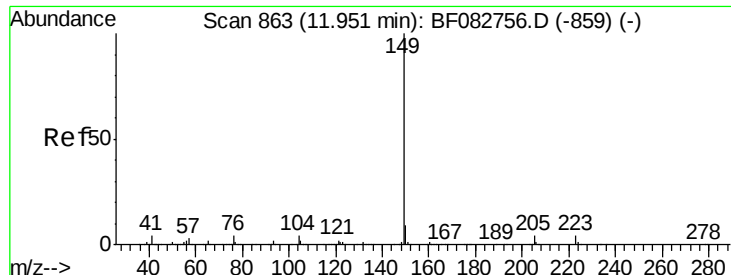


#72
 Carbazole
 Concen: 40.26 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Tgt Ion:167 Resp: 890669

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.7	28.1
139	13.9	11.8	17.6





#73

Di-n-butylphthalate

Concen: 48.85 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1346496

Ion Ratio Lower Upper

149 100

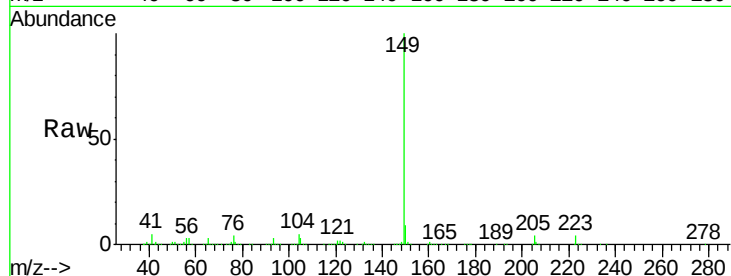
150 9.3 8.1 12.1

104 4.6 5.2 7.8#

Manual Integrations
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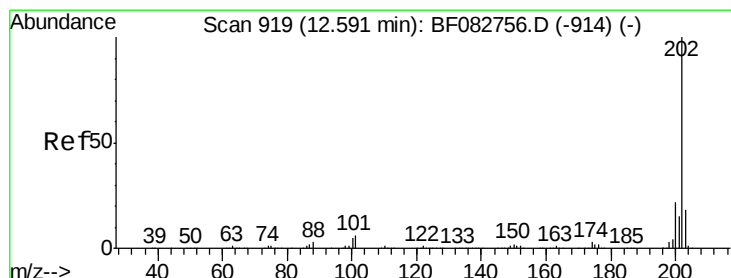
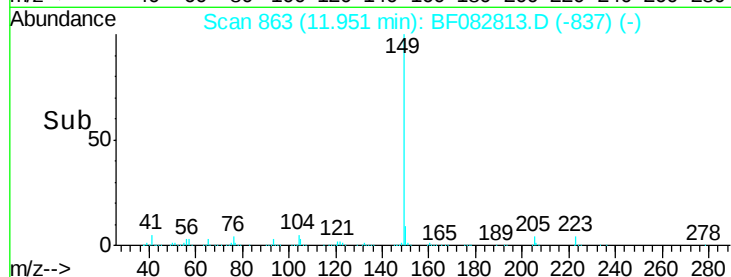
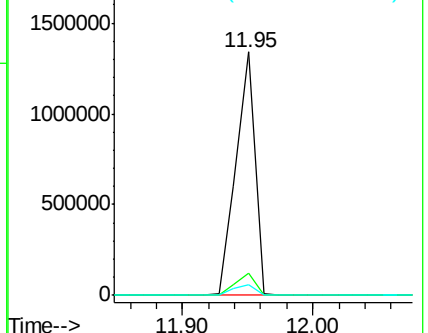
11/9/2015 2:08:40 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.88 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

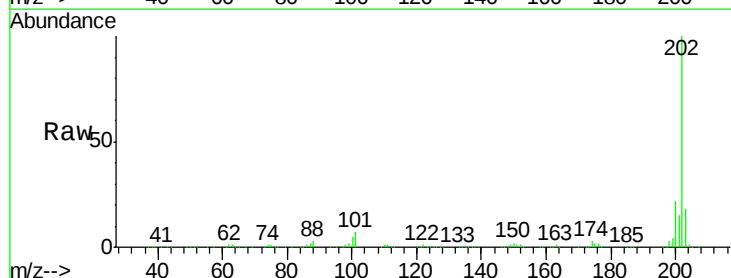
Tgt Ion:202 Resp: 949634

Ion Ratio Lower Upper

202 100

101 6.9 0.0 30.5

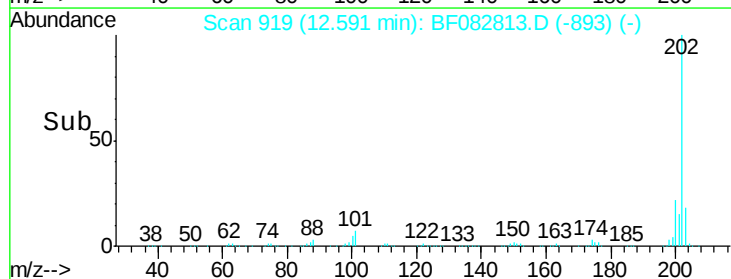
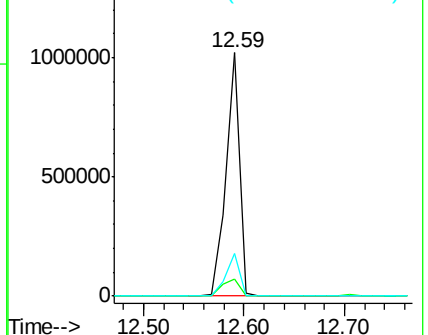
203 17.6 0.0 38.5

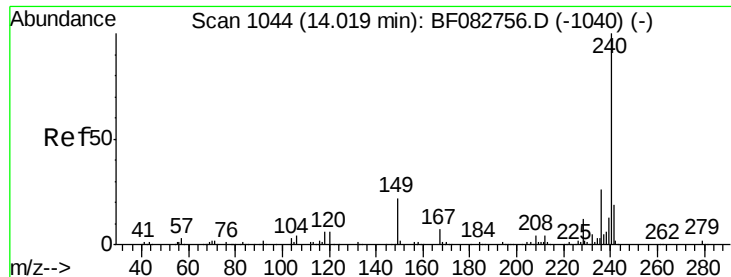


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

Instrument :

BNA_F

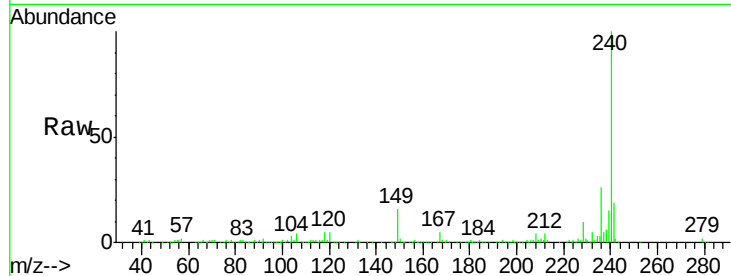
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	298234
Ion Ratio	Lower	Upper	
240	100		
120	4.9	10.9	16.3#
236	25.7	21.6	32.4

Manual Integrations
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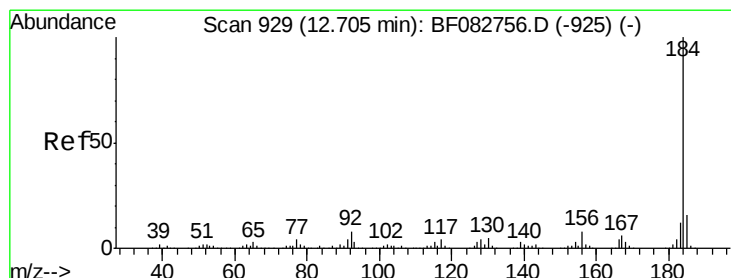
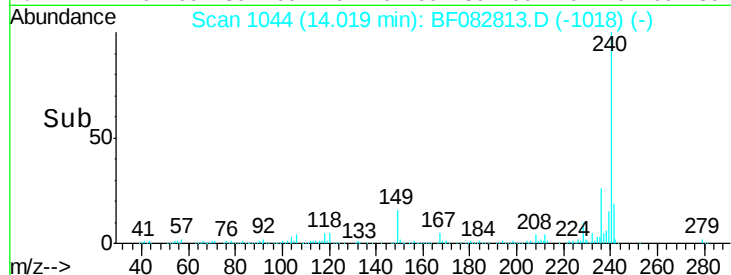
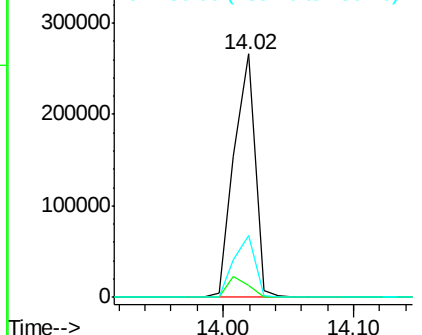
Mmdadoda
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.30 ng

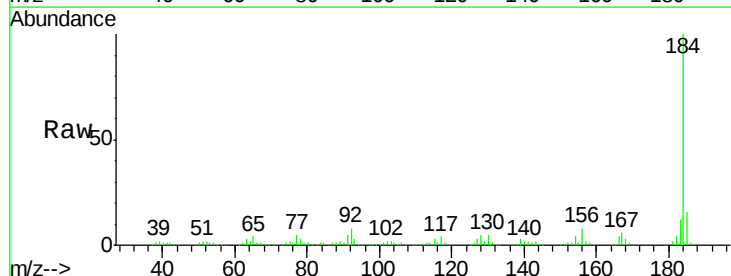
RT: 12.70 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082813.D

Acq: 8 Nov 2015 00:38

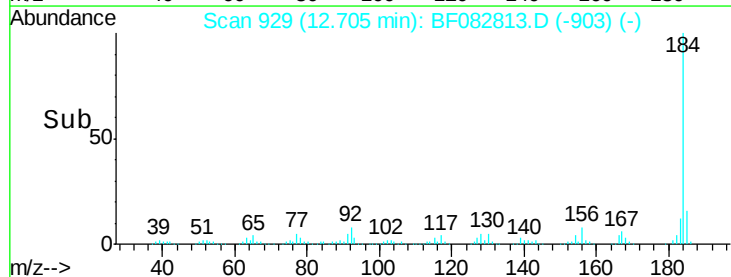
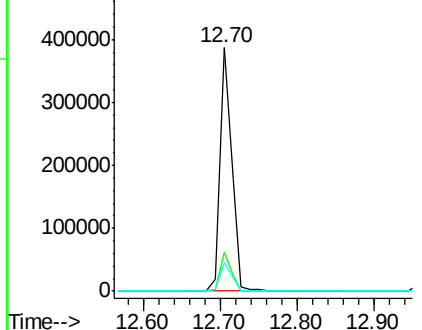
Tgt Ion:	184	Resp:	412760
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.0	18.0
183	11.6	9.6	14.4

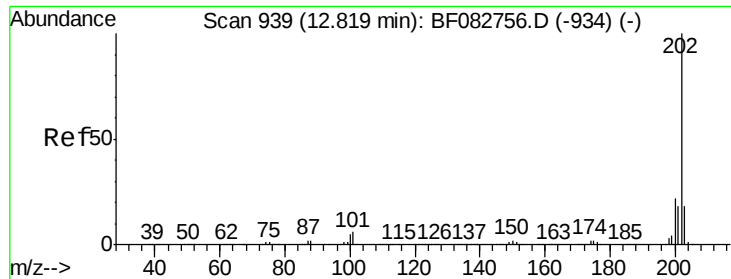


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





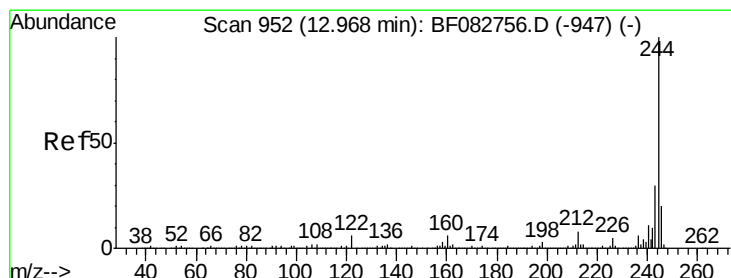
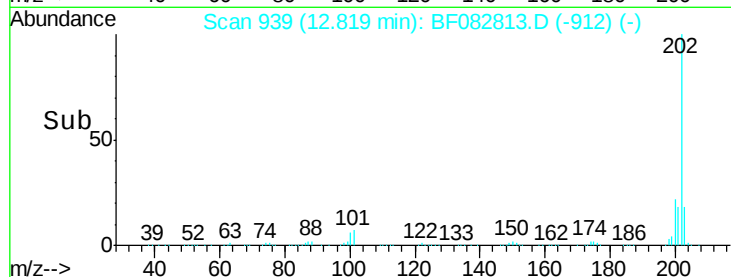
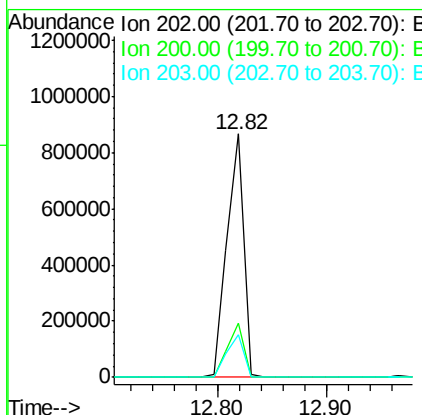
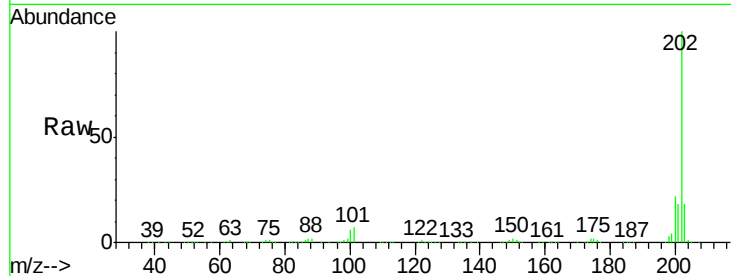
#77
Pvrene
Concen: 45.02 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	18.7	28.1
203	17.7	14.8	22.2

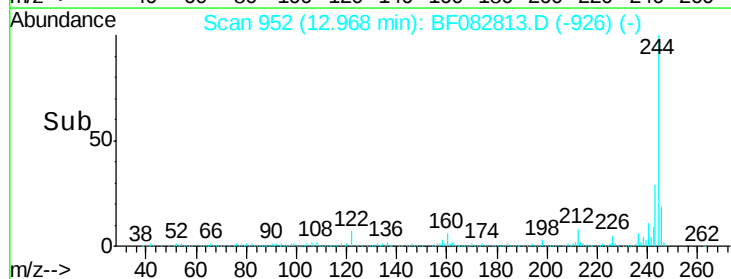
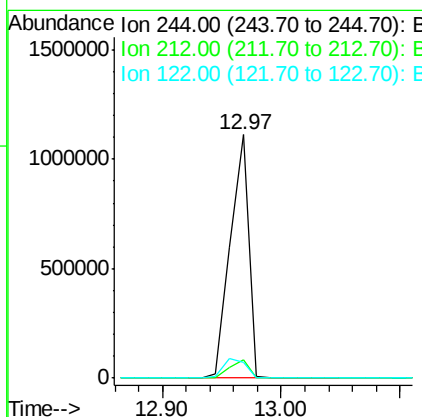
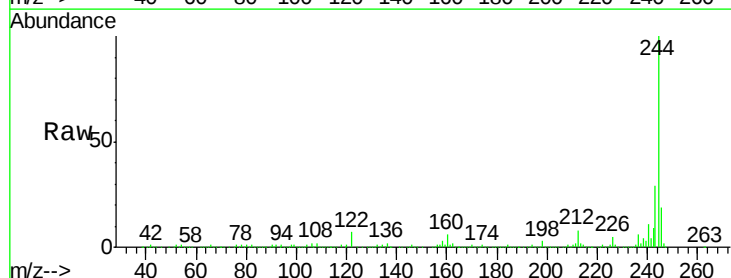
Manual Integrations
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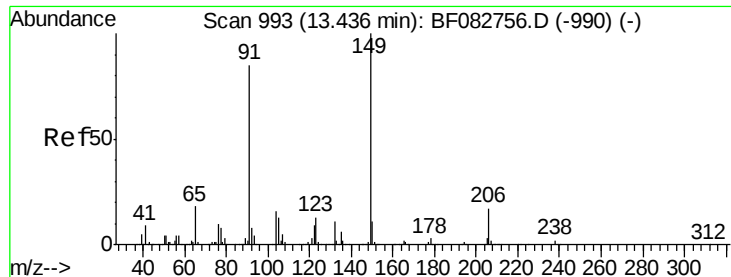
Mmdadoda
11/9/2015 2:08:40 PM



#78
Terphenyl-d14
Concen: 95.15 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	7.6	11.4#
122	6.6	11.3	16.9#





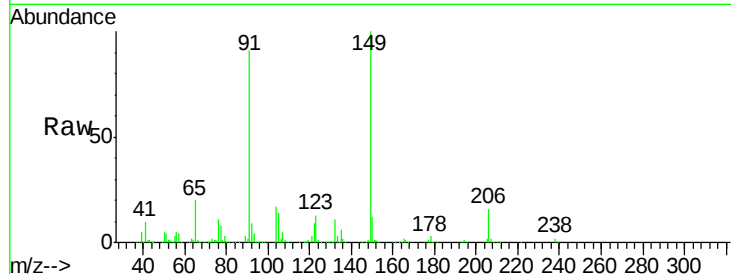
#79
Butylbenzylphthalate
Concen: 43.23 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

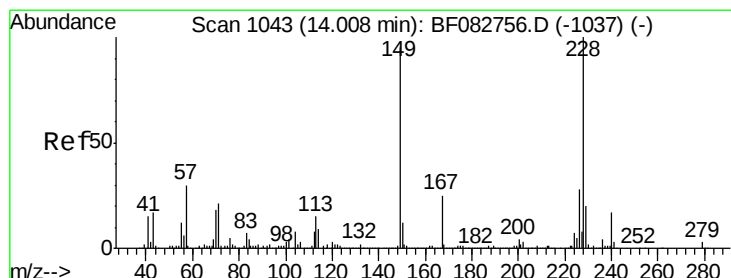
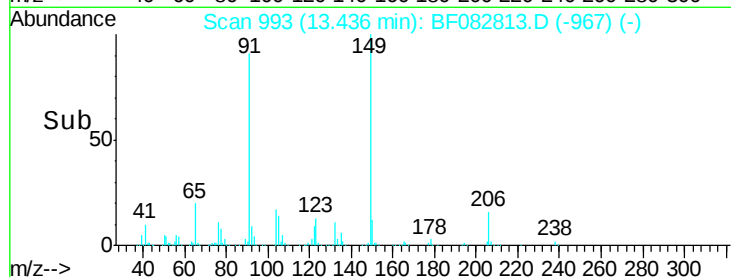
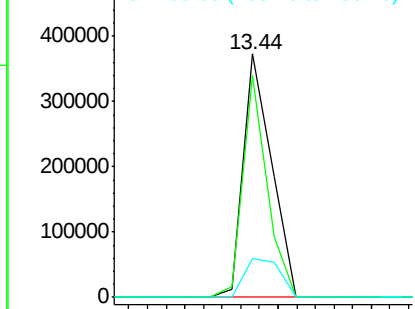
Tot Ion	Ratio	Lower	Upper
149	100		
91	91.0	67.7	101.5
206	16.1	14.6	22.0

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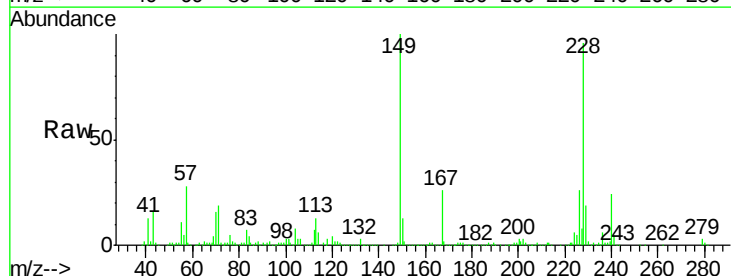


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

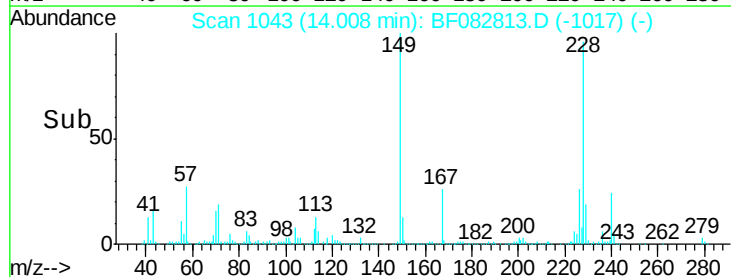
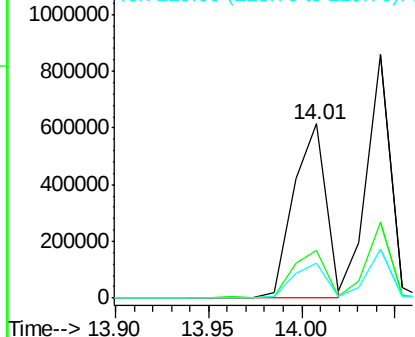


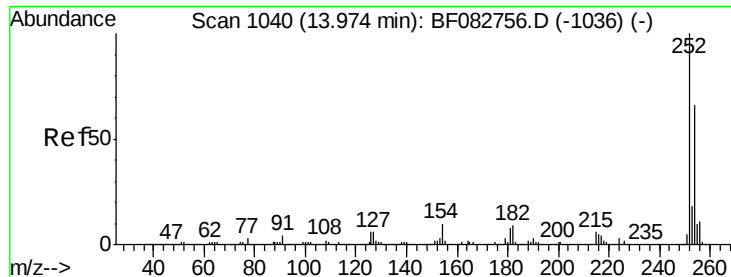
#80
Benzo(a)anthracene
Concen: 39.88 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.4	35.2
229	20.0	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





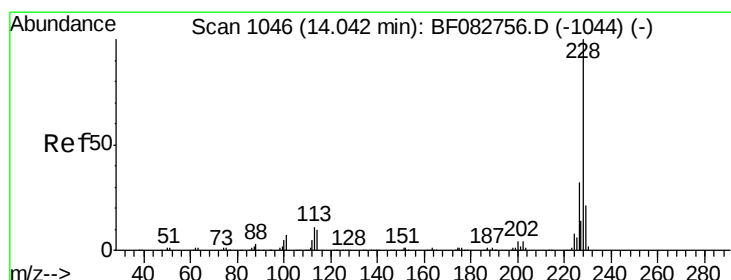
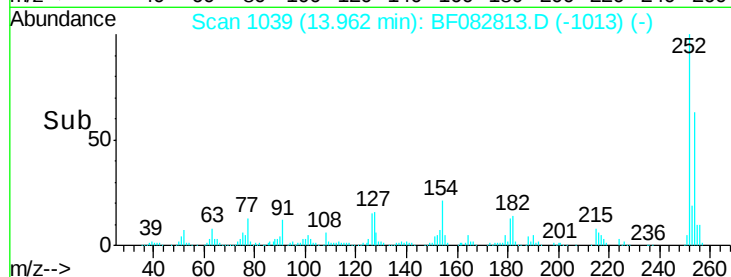
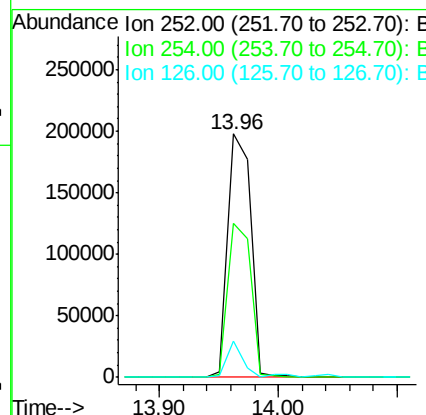
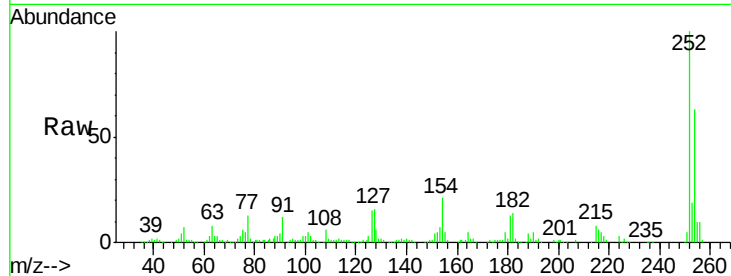
#81
 3,3'-Dichlorobenzidine
 Concen: 39.82 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	264024		
254	63.1	51.4	77.0	
126	15.0	10.7	16.1	

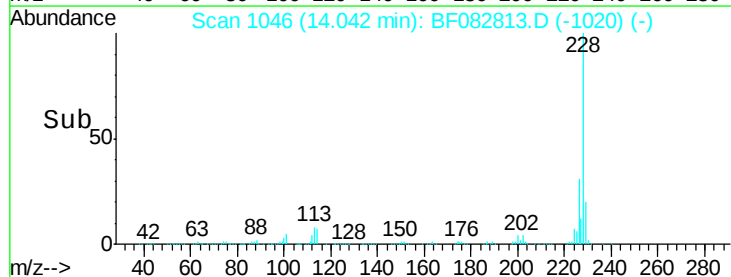
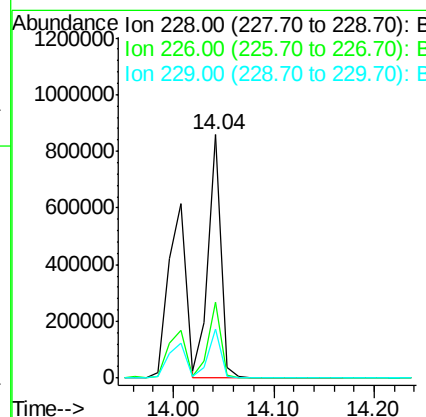
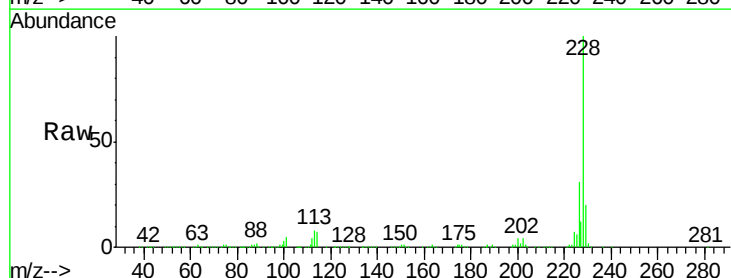
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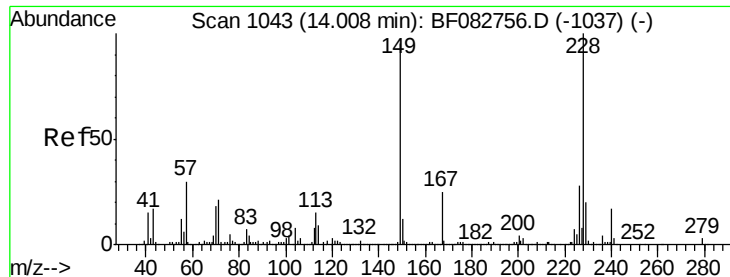
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#82
 Chrysene
 Concen: 44.23 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	755571		
226	31.3	25.5	38.3	
229	20.4	16.3	24.5	





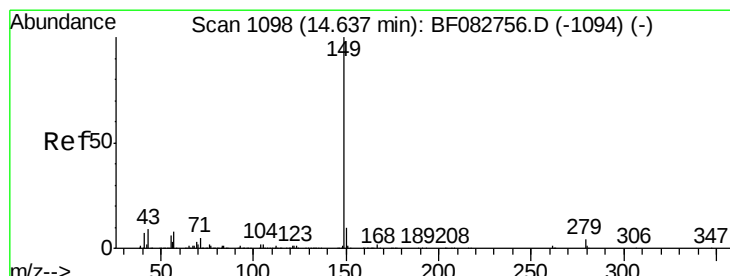
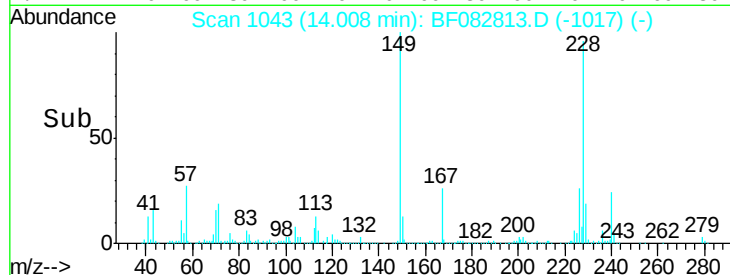
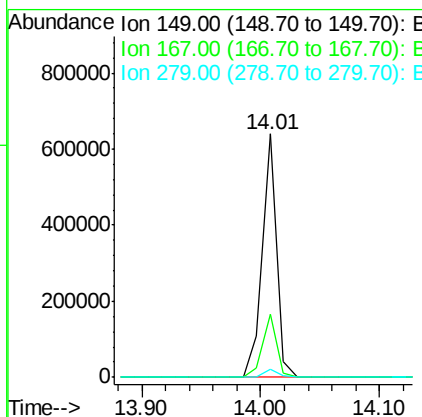
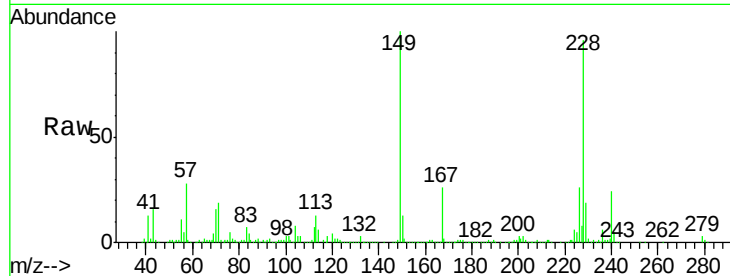
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.12 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	546339		
167	26.0		21.2	31.8
279	3.3		2.2	3.2#

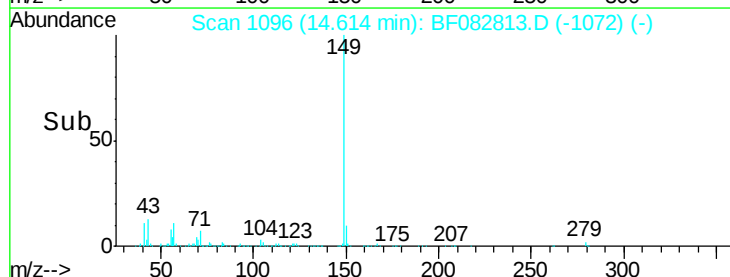
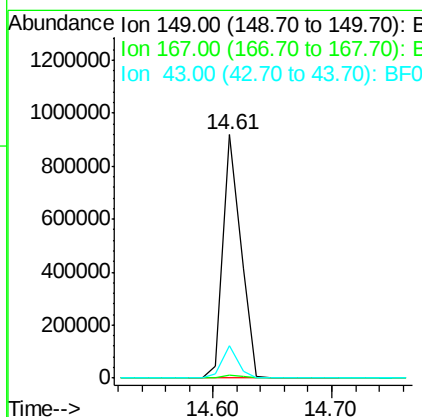
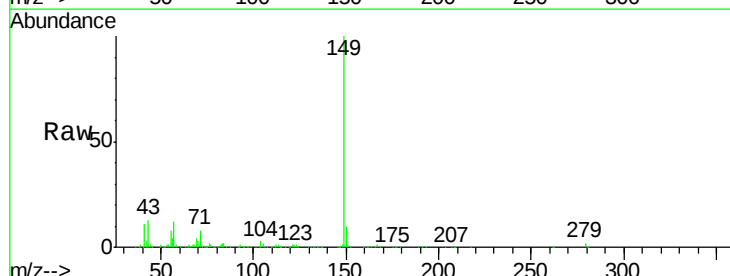
Manual Integrations
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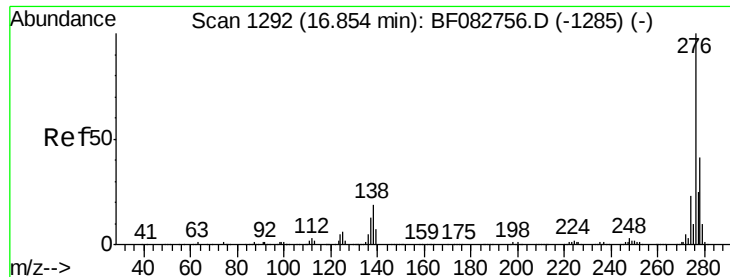
Mmdadoda
 11/9/2015 2:08:40 PM



#84
 Di-n-octyl phthalate
 Concen: 46.08 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	951912		
167	1.5		1.3	1.9
43	11.7		10.1	15.1





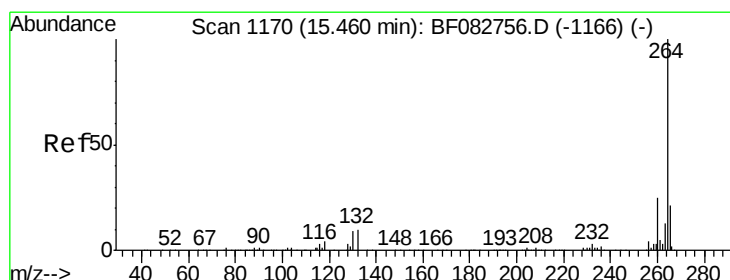
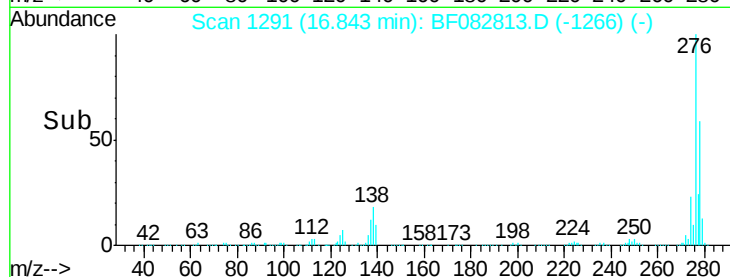
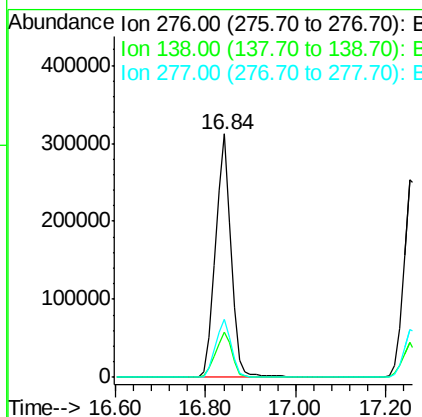
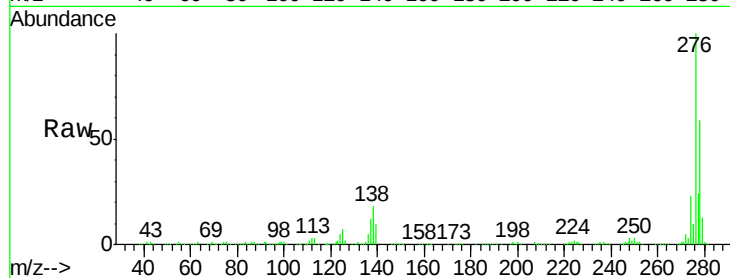
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.27 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.3	22.9
277	24.6	20.2	30.4

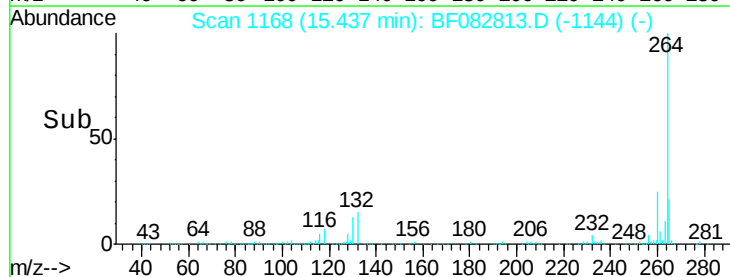
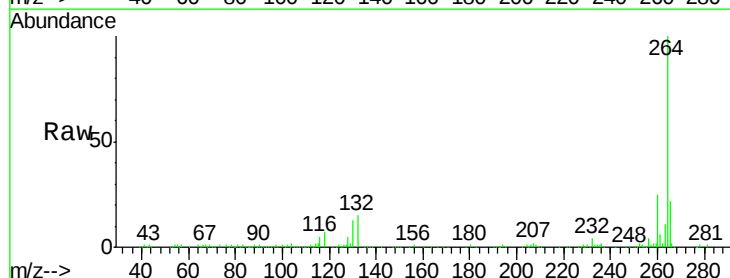
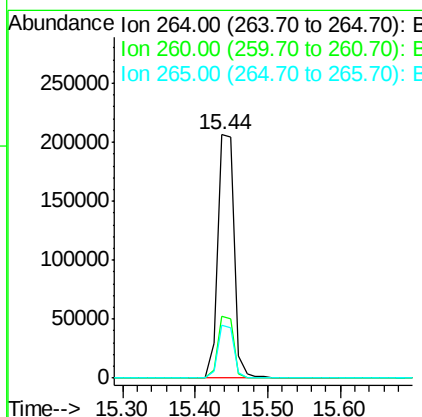
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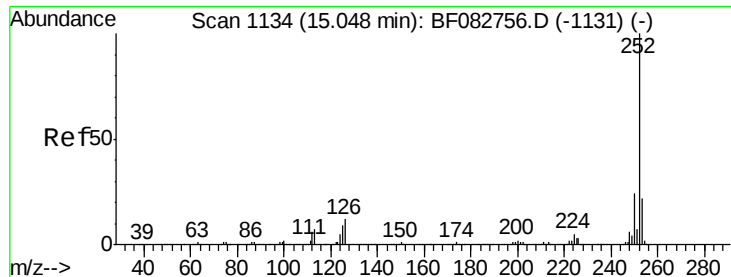
Mmdadoda
11/9/2015 2:08:40 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.8	29.6
265	21.5	17.4	26.0





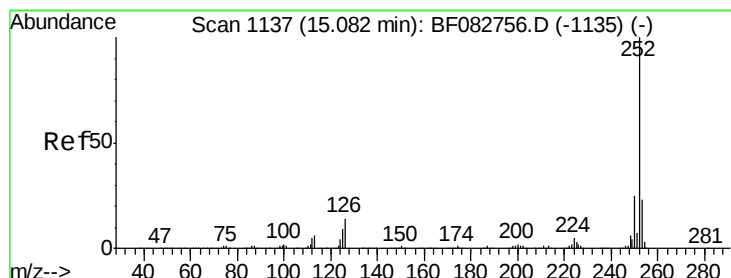
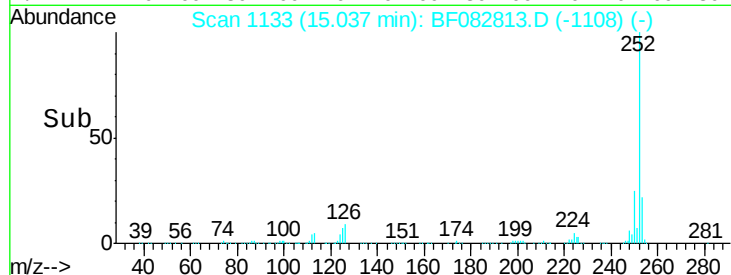
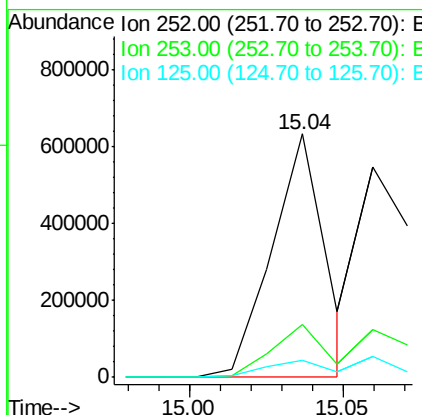
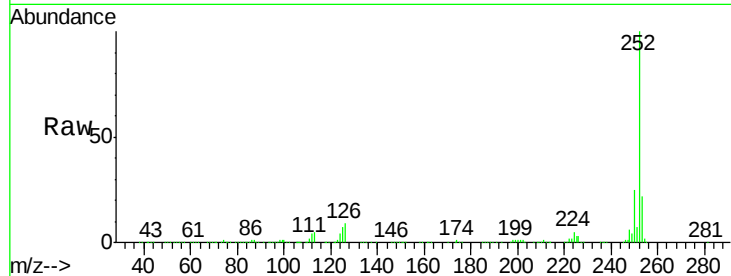
#87
Benzo(b)fluoranthene
Concen: 36.71 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	6.8	5.4	8.2

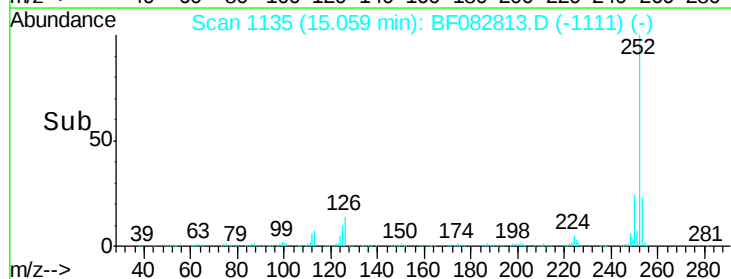
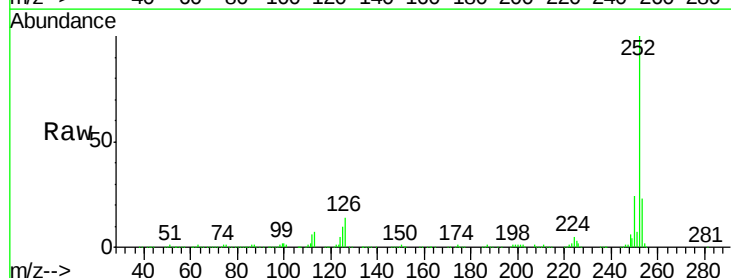
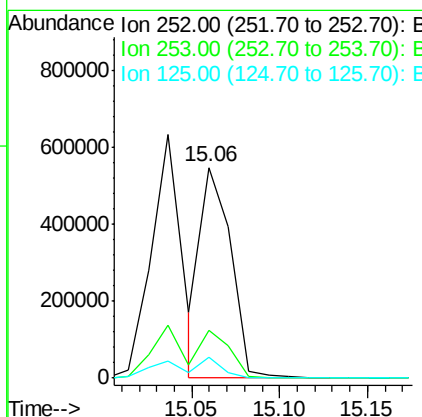
Manual Integrations
APPROVED

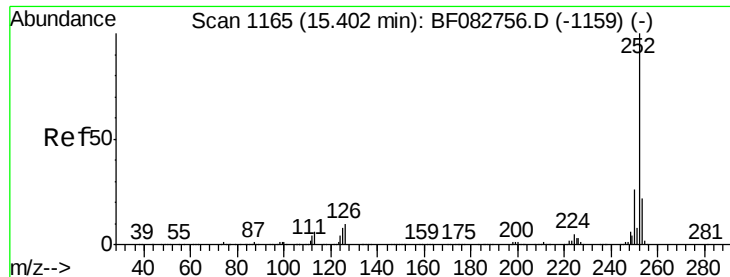
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11/9/2015 2:08:40 PM



#88
Benzo(k)fluoranthene
Concen: 36.48 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.0	3.5	5.3#





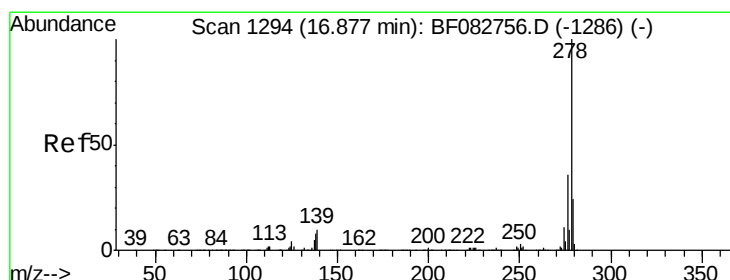
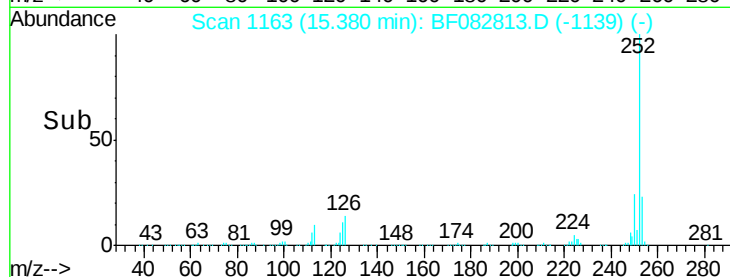
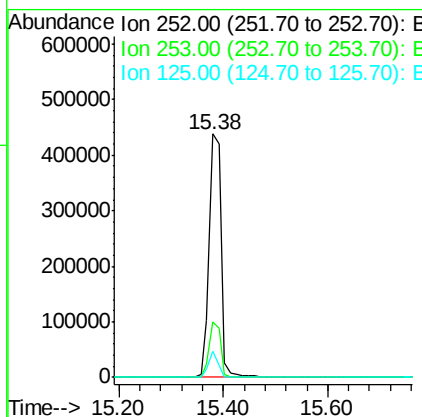
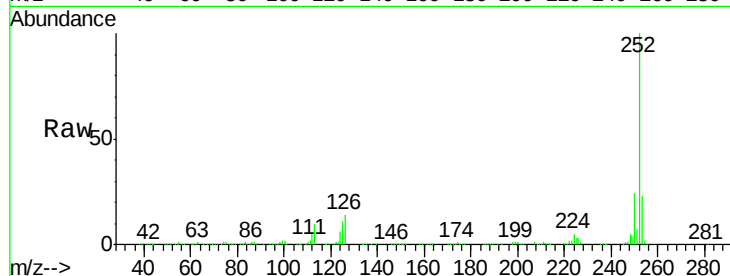
#89
Benzo(a)pyrene
Concen: 39.16 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	10.7	7.1	10.7

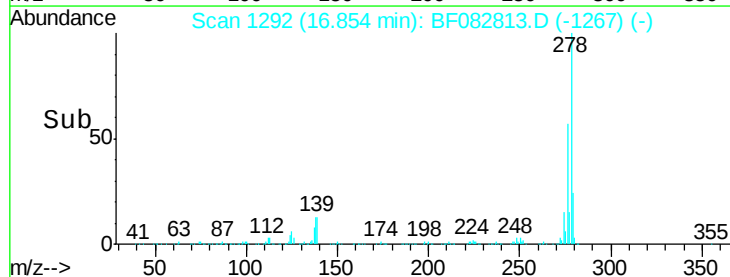
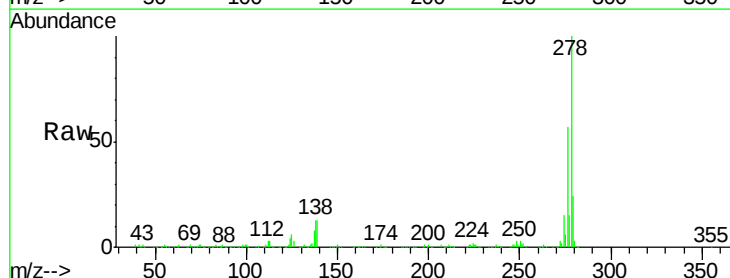
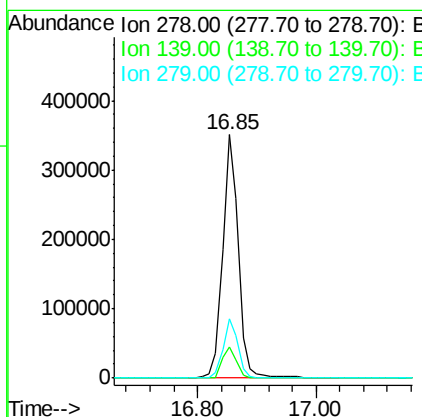
Manual Integrations
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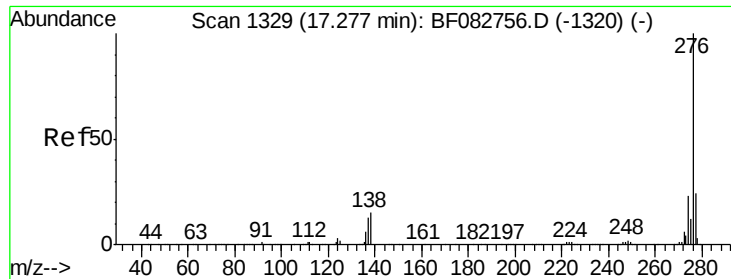
Mmdadoda
11/9/2015 2:08:40 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.45 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF082813.D
Acq: 8 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	9.9	14.9
279	24.4	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.09 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF082813.D
 Acq: 8 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.2	19.2	28.8
138	17.8	13.1	19.7

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:08:40 PM

