

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082052.D
 Acq On : 5 Oct 2015 18:56
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMDadoda
 10/6/2015 2:54:03 PM

Quant Time: Oct 06 05:04:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	118470	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	472254	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	234153	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	447802	20.00	ng	0.00
75) Chrysene-d12	14.06	240	392574	20.00	ng	0.00
86) Perylene-d12	15.51	264	342066	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	496024	76.01	ng	0.00
7) Phenol-d6	6.51	99	609073	74.17	ng	0.00
23) Nitrobenzene-d5	7.46	82	564815	79.73	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	171965	72.52	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1072079	74.86	ng	0.00
78) Terphenyl-d14	13.01	244	1140334	97.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	113608	40.03	ng	84
3) Pyridine	3.23	79	300347	40.65	ng	87
4) n-Nitrosodimethylamine	3.21	42	119905	35.73	ng	95
6) Aniline	6.55	93	410845	37.24	ng	# 89
8) 2-Chlorophenol	6.66	128	274044	38.03	ng	85
9) Benzaldehyde	6.43	77	167711	31.19	ng	# 81
10) Phenol	6.53	94	347075	37.68	ng	68
11) bis(2-Chloroethyl)ether	6.63	93	284084	39.77	ng	88
12) 1,3-Dichlorobenzene	6.82	146	327328	38.45	ng	# 94
13) 1,4-Dichlorobenzene	6.90	146	346484	38.98	ng	# 95
14) 1,2-Dichlorobenzene	7.05	146	298453m	37.68	ng	
15) Benzyl Alcohol	7.03	79	206475	34.83	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	364203	36.06	ng	81
17) 2-Methylphenol	7.14	107	230815	39.50	ng	# 86
18) Hexachloroethane	7.39	117	110687	39.78	ng	# 84
19) n-Nitroso-di-n-propylamine	7.30	70	182042	36.47	ng	# 77
20) 3+4-Methylphenols	7.29	107	261902	35.49	ng	# 72
22) Acetophenone	7.30	105	371489	38.47	ng	# 82
24) Nitrobenzene	7.47	77	298782	38.84	ng	# 69
25) Isophorone	7.71	82	530010	37.75	ng	# 92
26) 2-Nitrophenol	7.79	139	160874	43.57	ng	# 84
27) 2,4-Dimethylphenol	7.83	122	258502	39.79	ng	# 84
28) bis(2-Chloroethoxy)methane	7.93	93	300415	36.03	ng	96
29) 2,4-Dichlorophenol	8.03	162	244496	38.82	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	280756	39.92	ng	99
31) Naphthalene	8.19	128	776713	37.12	ng	97
32) Benzoic acid	7.95	122	158486	41.89	ng	# 73
33) 4-Chloroaniline	8.25	127	348730	38.54	ng	# 96
34) Hexachlorobutadiene	8.31	225	166460	40.02	ng	98
35) Caprolactam	8.63	113	71880	41.22	ng	87
36) 4-Chloro-3-methylphenol	8.73	107	251113	40.77	ng	93
37) 2-Methylnaphthalene	8.88	142	540103	37.81	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	280706	39.05	ng	98
40) Hexachlorocyclopentadiene	9.04	237	132696	35.85	ng	97

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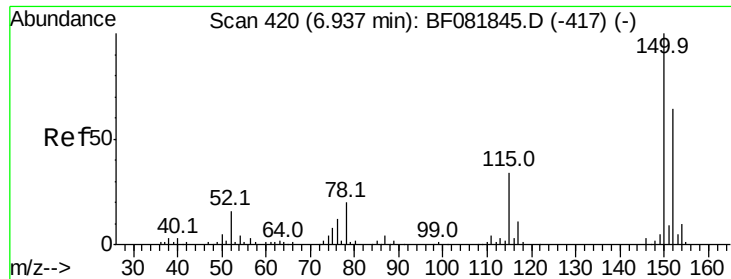
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	195827	39.74	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	189948	37.48	nq #	95
45) 1,1'-Biphenyl	9.35	154	640297	35.44	nq	93
46) 2-Chloronaphthalene	9.37	162	525695	37.06	nq #	93
47) 2-Nitroaniline	9.47	65	157692	37.87	nq #	74
48) Acenaphthylene	9.79	152	886628	39.05	nq	96
49) Dimethylphthalate	9.66	163	623641	38.59	nq #	98
50) 2,6-Dinitrotoluene	9.73	165	134389	38.30	nq #	86
51) Acenaphthene	9.97	154	540708	40.11	nq	88
52) 3-Nitroaniline	9.90	138	163212	40.20	nq #	93
53) 2,4-Dinitrophenol	10.00	184	66341	51.52	nq #	80
54) Dibenzofuran	10.14	168	715434	37.55	nq #	90
55) 4-Nitrophenol	10.05	139	106808	36.41	nq #	52
56) 2,4-Dinitrotoluene	10.13	165	191038	42.71	nq #	99
57) Fluorene	10.48	166	587474	43.02	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	169491	42.16	nq	92
59) Diethylphthalate	10.35	149	591361	39.17	nq	97
60) 4-Chlorophenyl-phenylether	10.47	204	256335	36.75	nq #	87
61) 4-Nitroaniline	10.51	138	167876	41.24	nq #	65
62) Azobenzene	10.63	77	546641	37.10	nq	90
64) 4,6-Dinitro-2-methylphenol	10.53	198	95030	47.00	nq	98
65) n-Nitrosodiphenylamine	10.59	169	530856	39.18	nq	91
66) 4-Bromophenyl-phenylether	10.96	248	169734	37.59	nq	93
67) Hexachlorobenzene	11.03	284	178799	35.09	nq #	74
68) Atrazine	11.12	200	167459	39.83	nq	82
69) Pentachlorophenol	11.22	266	109438	37.69	nq	99
70) Phenanthrene	11.44	178	819289	37.75	nq	96
71) Anthracene	11.50	178	906951	39.85	nq	97
72) Carbazole	11.65	167	797139	38.70	nq	95
73) Di-n-butylphthalate	11.98	149	874975	41.60	nq #	98
74) Fluoranthene	12.63	202	899526	37.50	nq	90
76) Benzdine	12.75	184	487988	41.26	nq	97
77) Pyrene	12.86	202	865645m	36.91	nq	
79) Butylbenzylphthalate	13.48	149	366692	41.55	nq #	87
80) Benzo(a)anthracene	14.05	228	817814	38.69	nq	96
81) 3,3'-Dichlorobenzidine	14.01	252	297577	41.68	nq #	96
82) Chrysene	14.09	228	843374	46.52	nq	95
83) Bis(2-ethylhexyl)phthalate	14.04	149	511478	46.20	nq #	94
84) Di-n-octyl phthalate	14.65	149	842009	46.74	nq #	91
85) Indeno(1,2,3-cd)pyrene	16.94	276	643456	38.91	nq #	87
87) Benzo(b)fluoranthene	15.09	252	676844	34.66	nq #	87
88) Benzo(k)fluoranthene	15.12	252	818802m	45.74	nq	
89) Benzo(a)pyrene	15.45	252	679814	40.13	nq #	83
90) Dibenzo(a,h)anthracene	16.96	278	530986	37.36	nq #	80
91) Benzo(g,h,i)perylene	17.37	276	509078	34.95	nq #	77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

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Instrument :

BNA_F

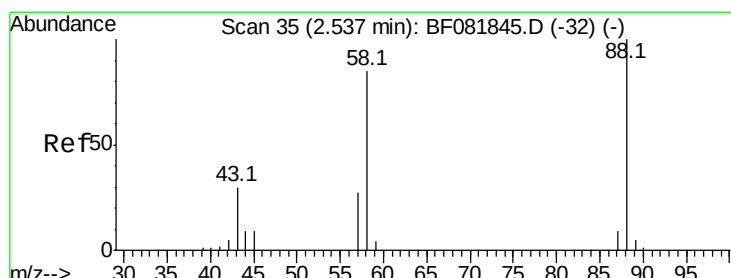
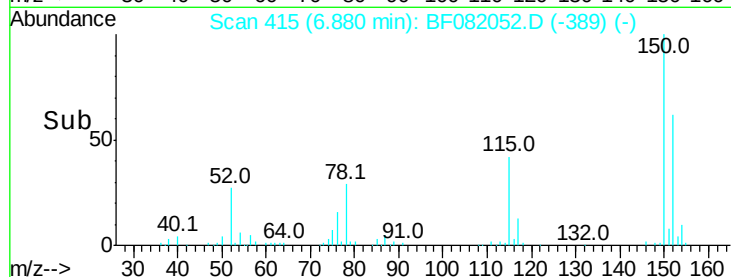
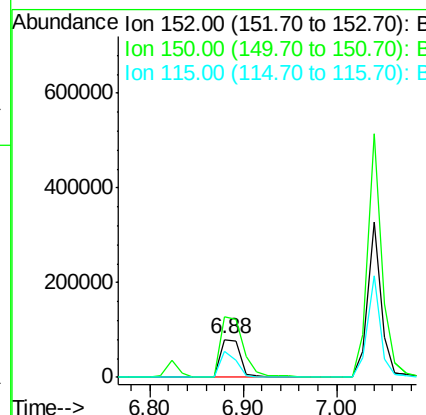
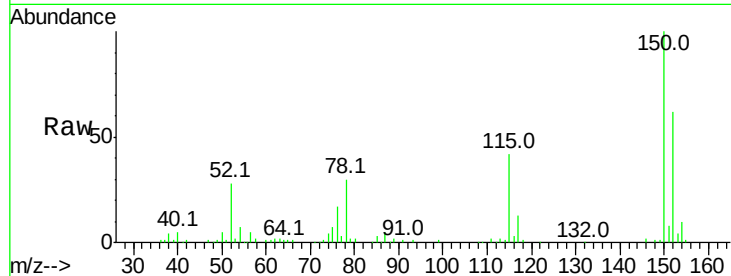
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.7	187.1
115	67.1	39.0	58.4

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#2

1,4-Dioxane

Concen: 40.03 ng

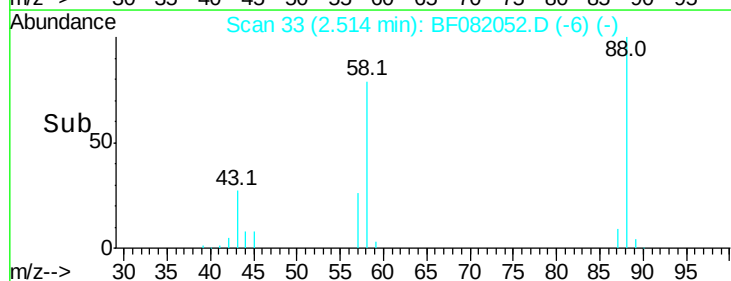
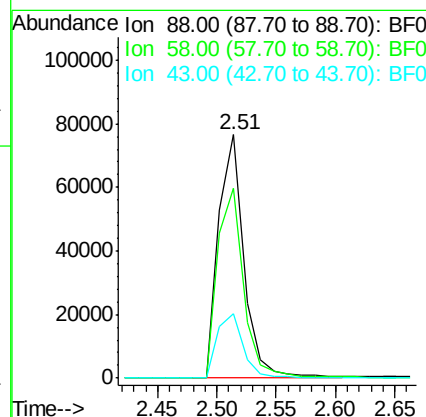
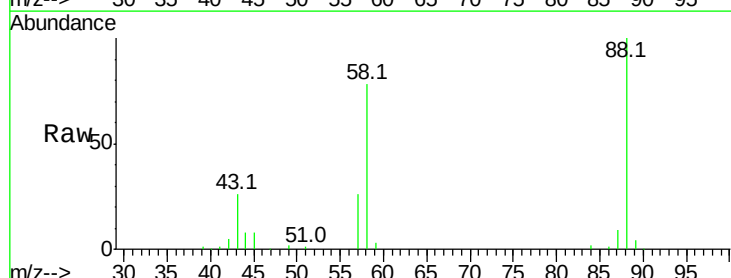
RT: 2.51 min Scan# 33

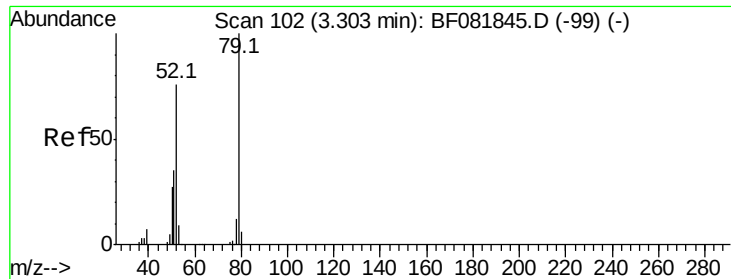
Delta R.T. 0.01 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	77.7	116.5
43	27.4	26.6	40.0





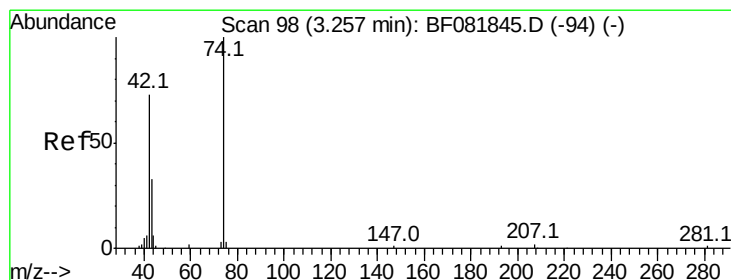
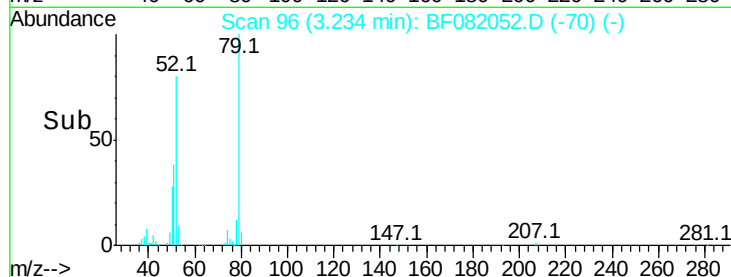
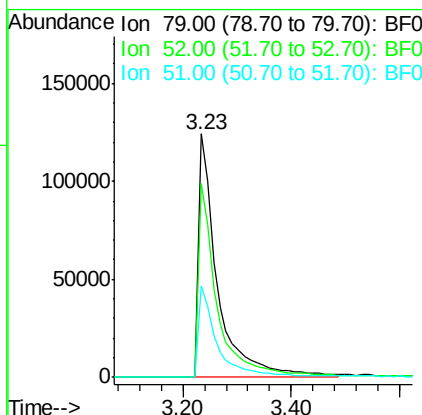
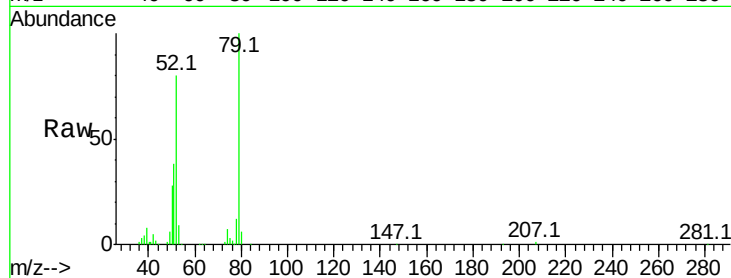
#3
 Pvridine
 Concen: 40.65 ng
 RT: 3.23 min Scan# 96
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.6	76.8	115.2
51	37.6	32.2	48.4

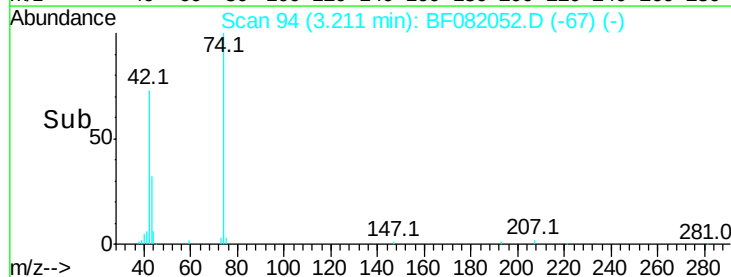
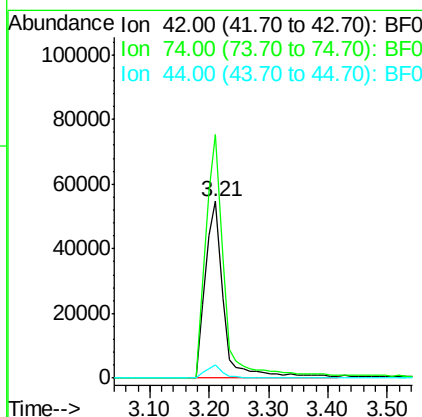
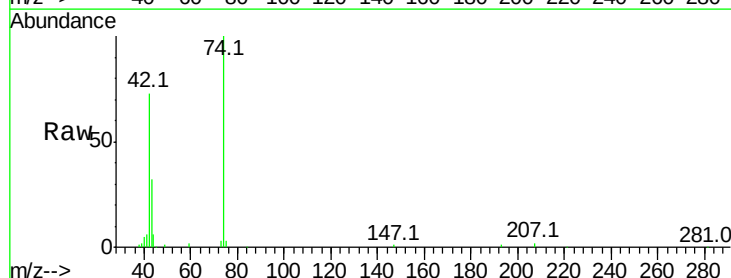
Manual Integrations
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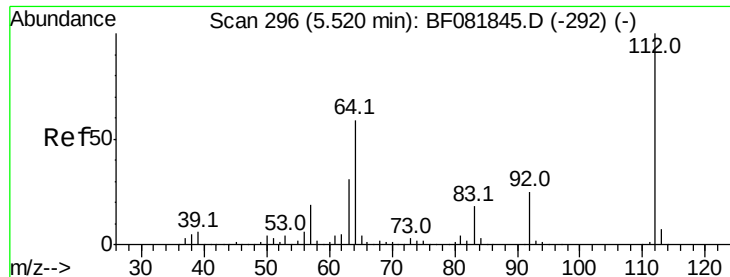
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#4
 n-Nitrosodimethylamine
 Concen: 35.73 ng
 RT: 3.21 min Scan# 94
 Delta R.T. 0.01 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.8	105.0	157.6
44	7.7	6.6	10.0





#5

2-Fluorophenol

Concen: 76.01 ng

RT: 5.47 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

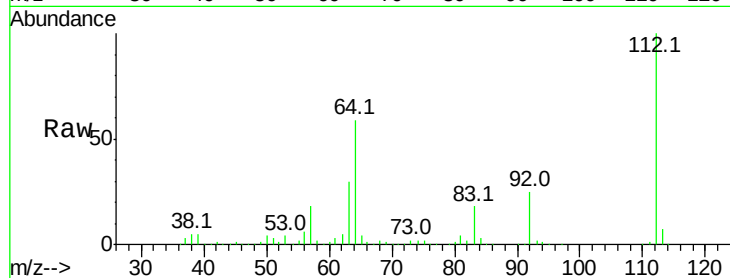
ClientSampleId :

SSTDCCC040

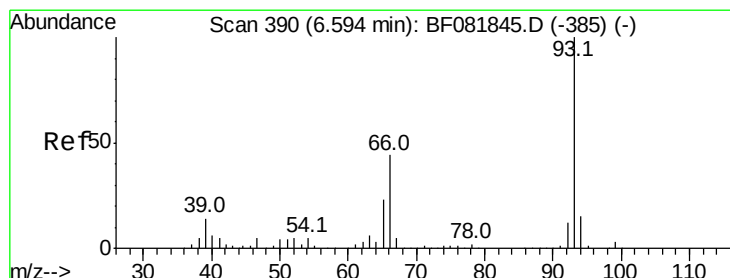
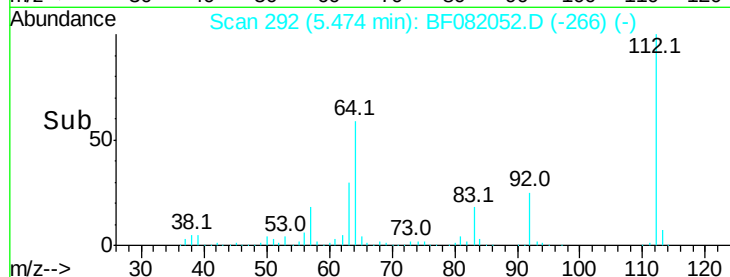
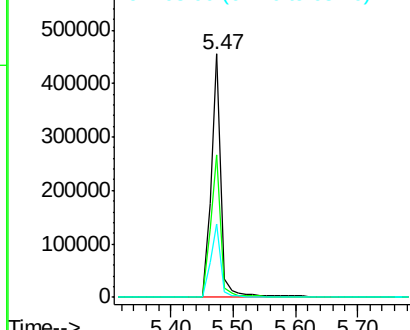
Tot Ion:	112	Resp:	496024
Ion Ratio	Lower	Upper	
112	100		
64	58.6	39.7	59.5
63	30.3	17.4	26.0

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



#6

Aniline

Concen: 37.24 ng

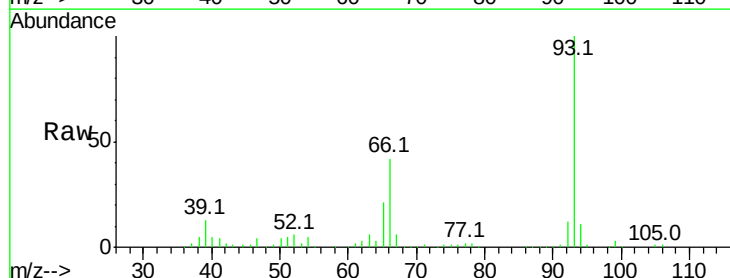
RT: 6.55 min Scan# 386

Delta R.T. -0.00 min

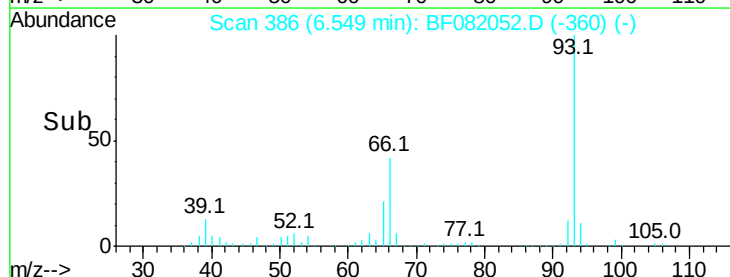
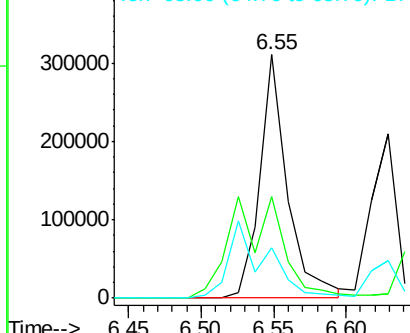
Lab File: BF082052.D

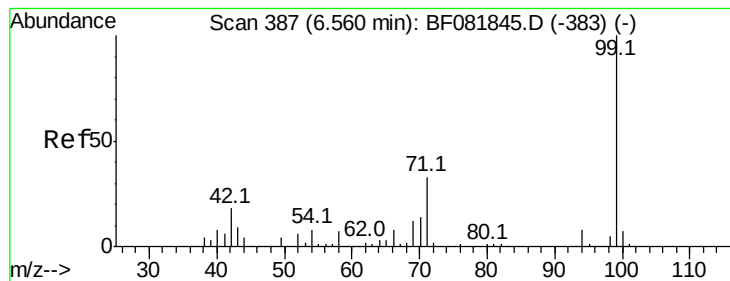
Acq: 5 Oct 2015 18:56

Tgt Ion:	93	Resp:	410845
Ion Ratio	Lower	Upper	
93	100		
66	41.7	27.2	40.8
65	20.9	14.7	22.1



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 74.17 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

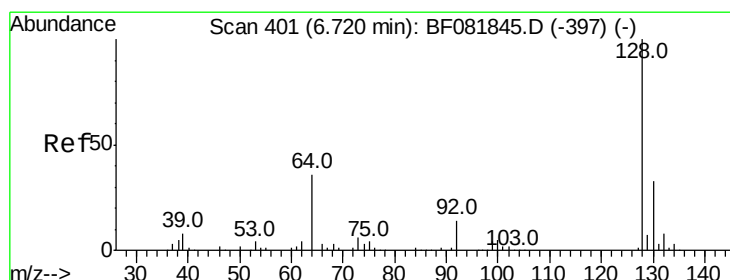
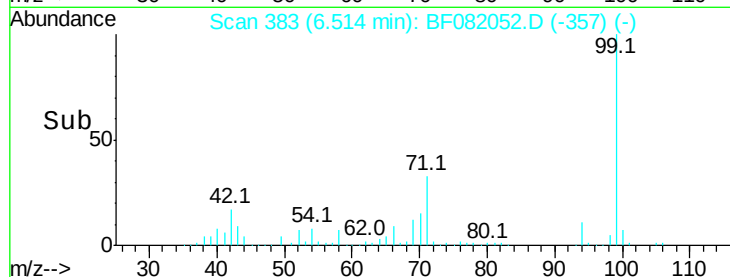
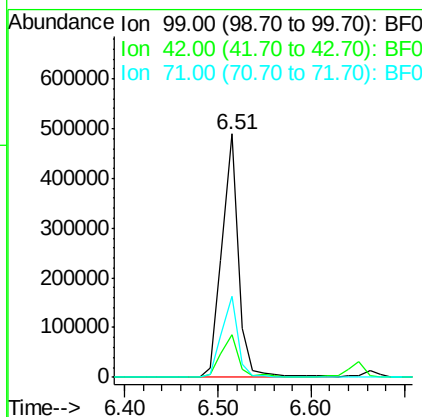
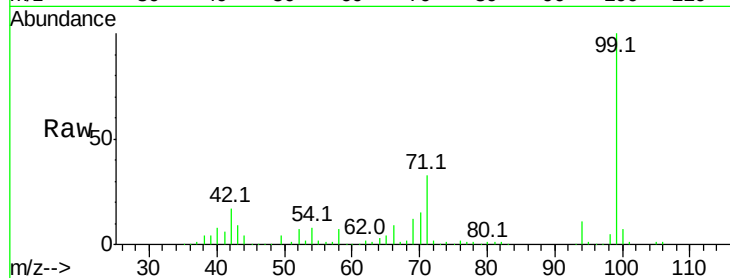
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	609073
Ion Ratio	Lower	Upper	
99	100		
42	17.3	13.7	20.5
71	33.3	14.2	21.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.03 ng

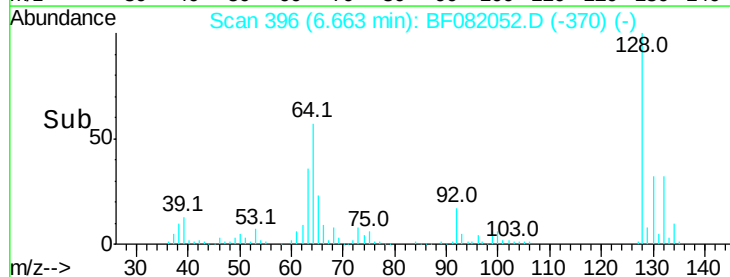
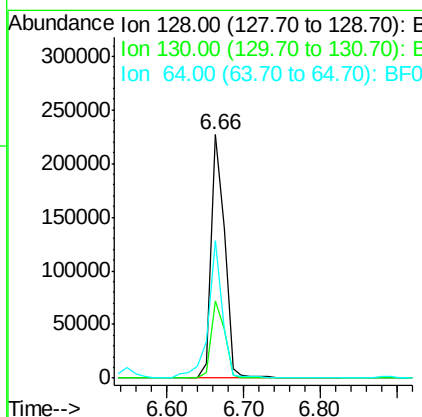
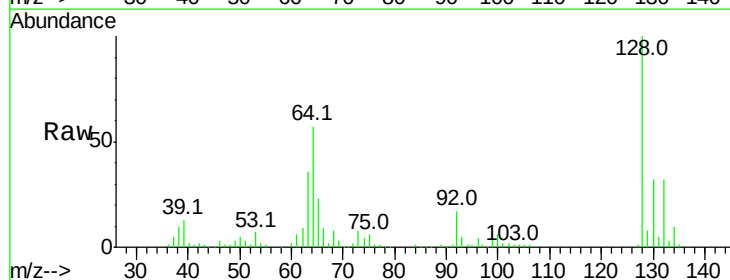
RT: 6.66 min Scan# 396

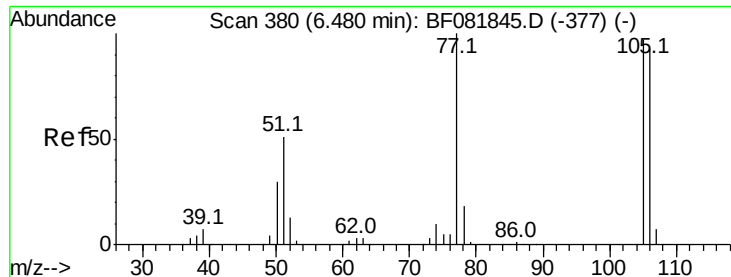
Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion:	128	Resp:	274044
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.2	52.2
64	56.5	20.5	60.5





#9

Benzaldehyde

Concen: 31.19 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

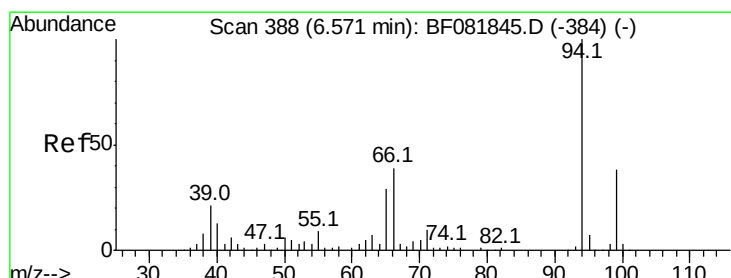
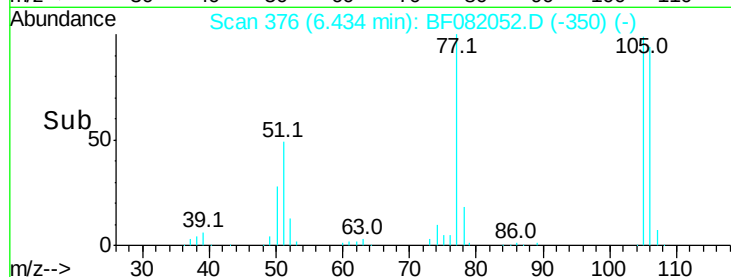
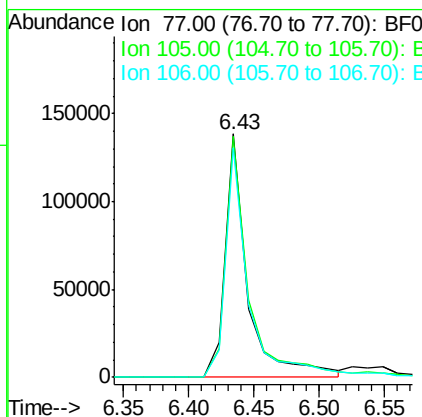
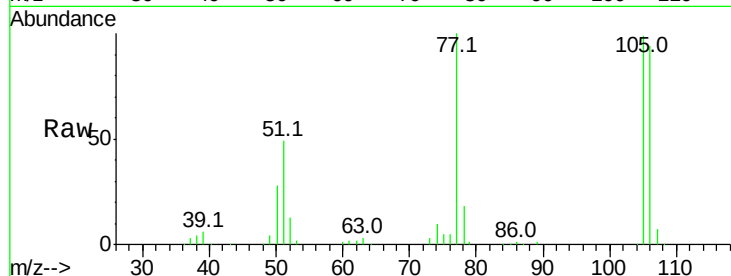
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	167711
Ion Ratio	Lower	Upper	
77	100		
105	99.1	91.6	131.6
106	94.2	102.6	142.6

Manual Integrations
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#10

Phenol

Concen: 37.68 ng

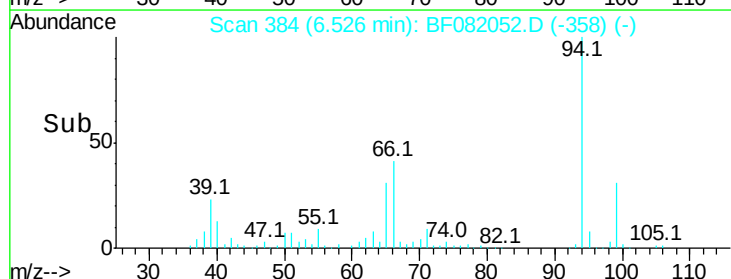
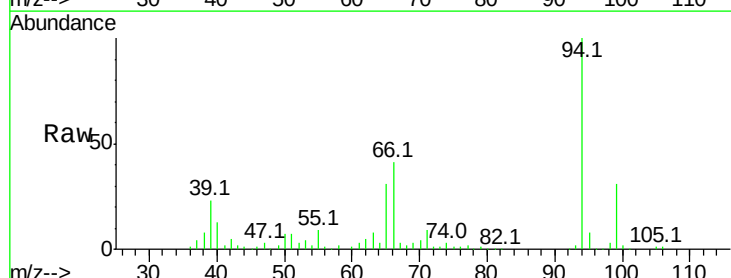
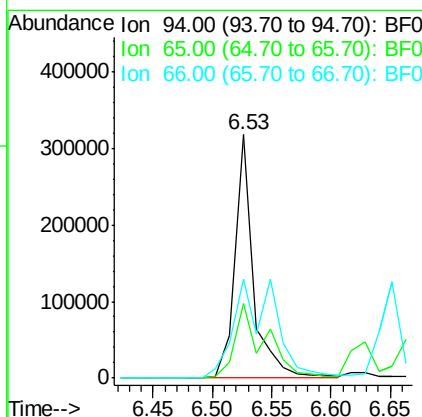
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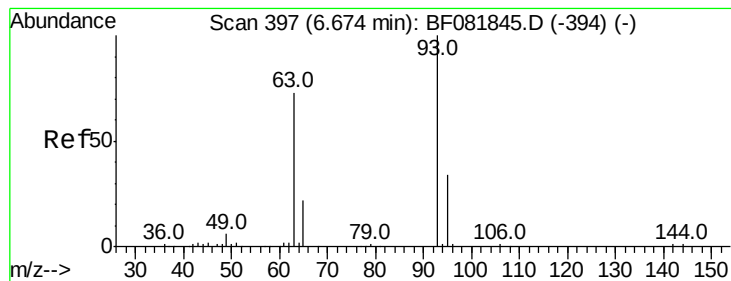
Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion:	94	Resp:	347075
Ion Ratio	Lower	Upper	
94	100		
65	30.8	0.7	40.7
66	40.7	0.8	40.8





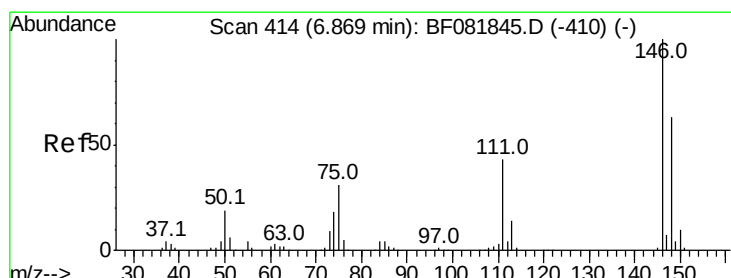
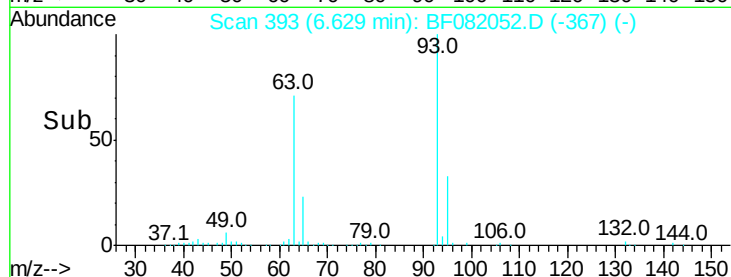
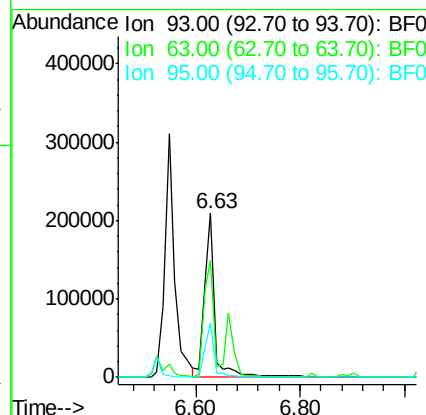
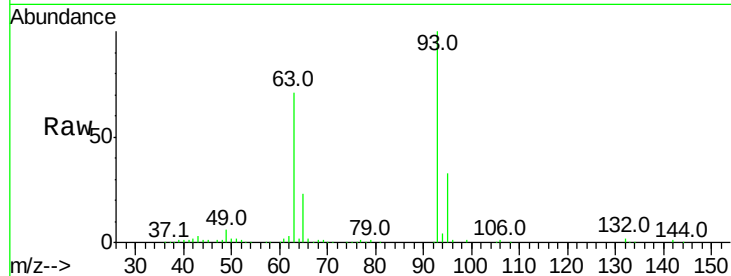
#11
bis(2-Chloroethyl)ether
Concen: 39.77 ng
RT: 6.63 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.1	65.6	105.6
95	33.0	13.6	53.6

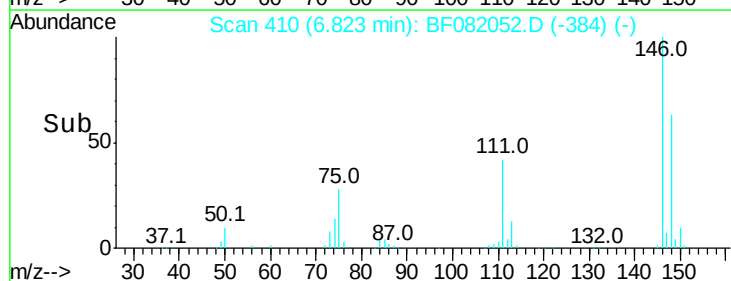
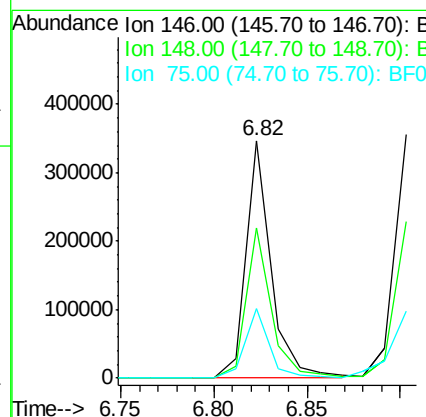
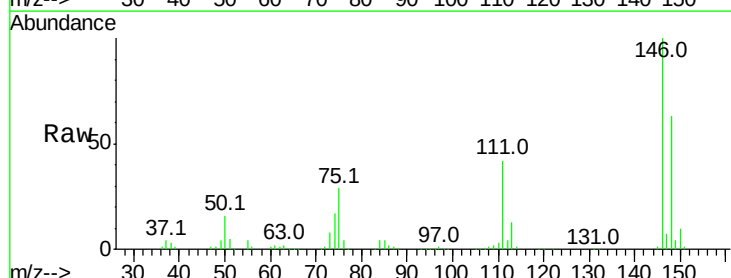
Manual Integrations
APPROVED

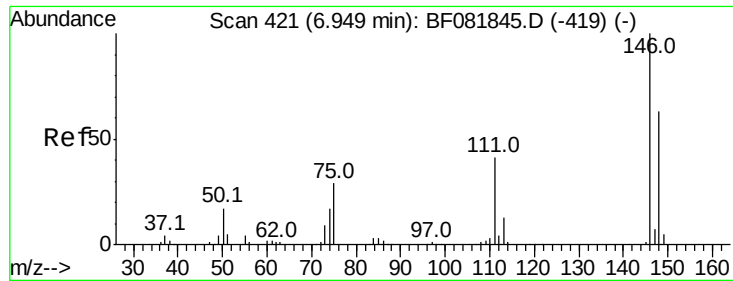
MMDadoda
10/6/2015 2:54:03 PM



#12
1,3-Dichlorobenzene
Concen: 38.45 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.4
75	29.2	15.0	22.6





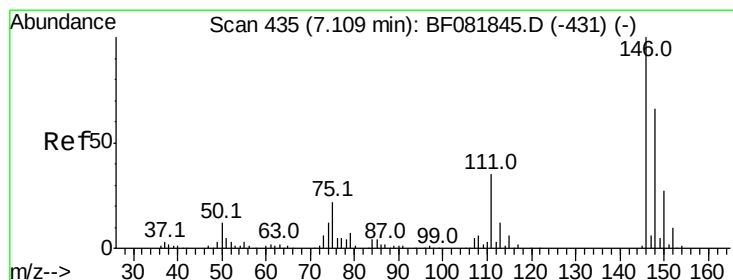
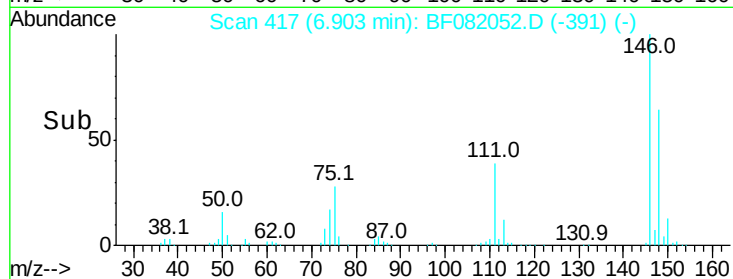
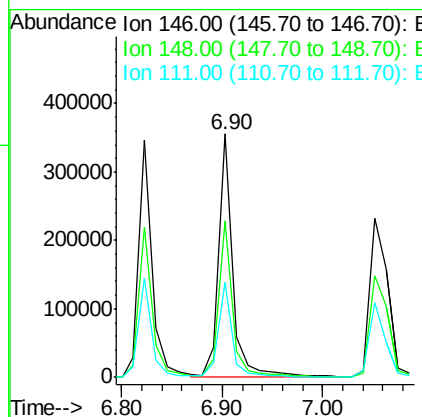
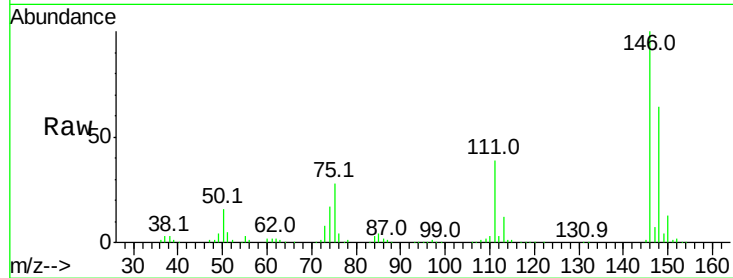
#13
 1,4-Dichlorobenzene
 Concen: 38.98 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
111	38.9	24.9	37.3

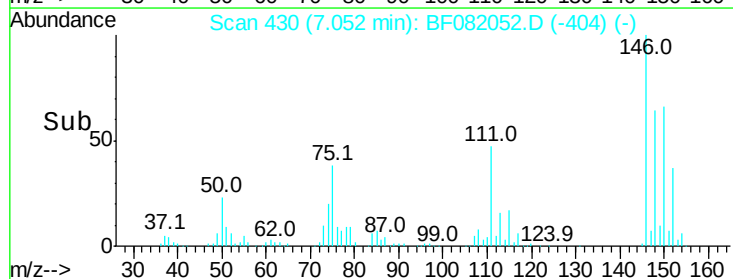
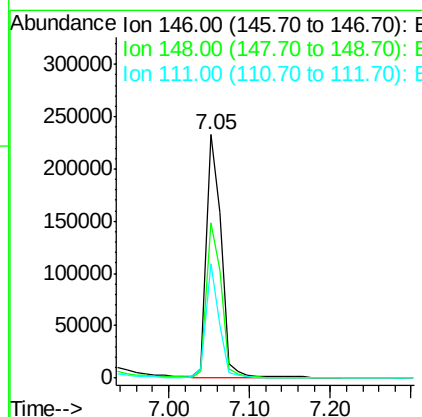
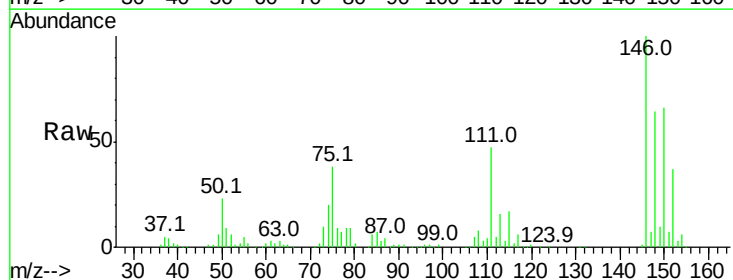
Manual Integrations
 APPROVED

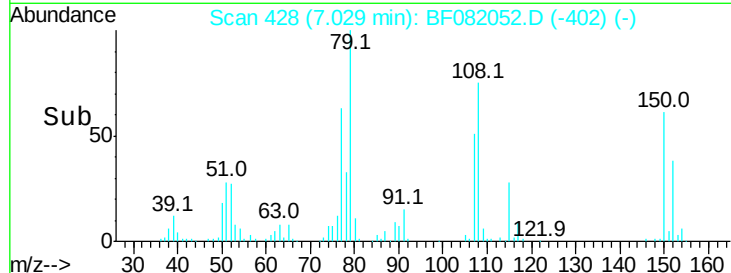
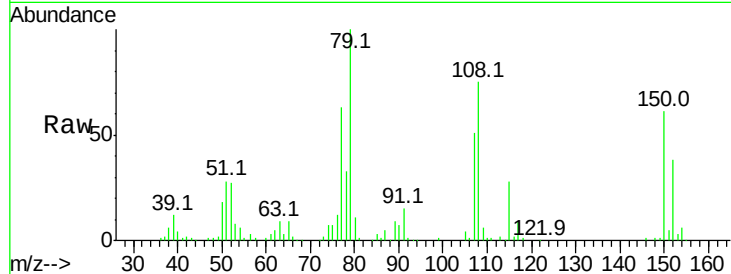
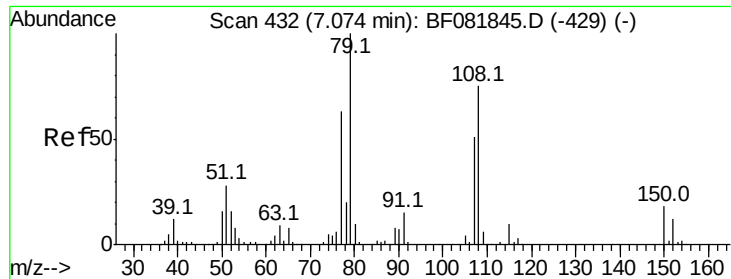
MMDadoda
 10/6/2015 2:54:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.68 ng m
 RT: 7.05 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.7	79.1
111	47.0	28.8	43.2





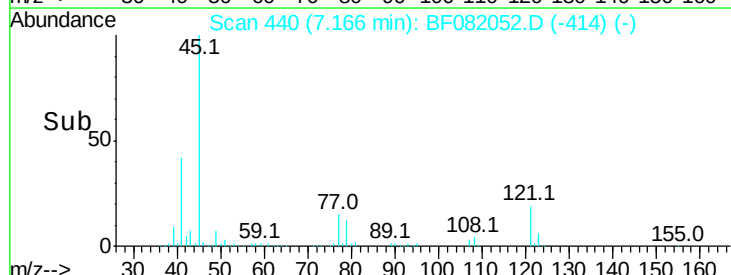
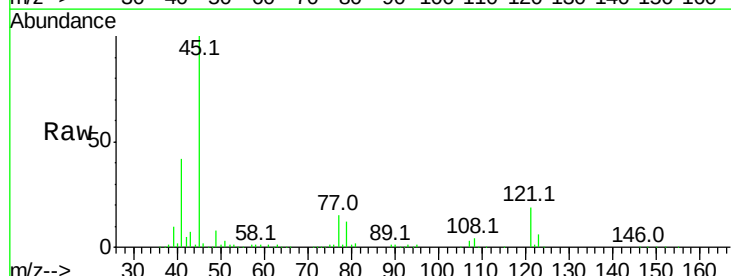
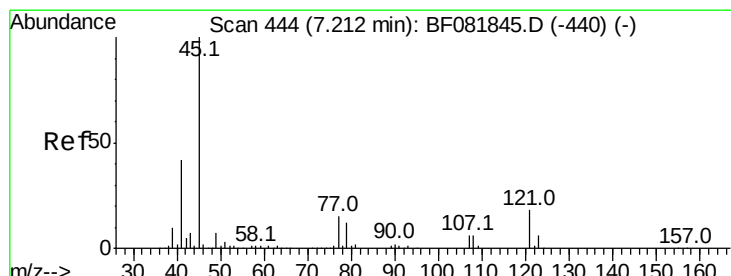
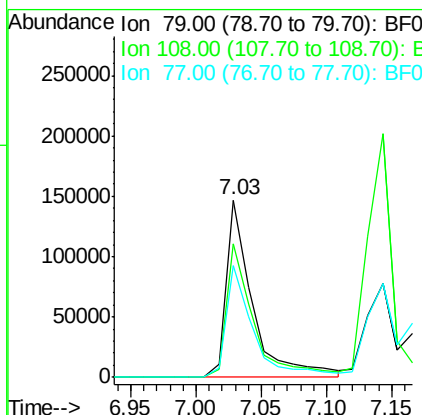
#15
Benzyl Alcohol
Concen: 34.83 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tot Ion: 79 Resp: 206475
Ion Ratio Lower Upper
79 100
108 75.0 88.6 132.8#
77 63.3 47.0 70.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

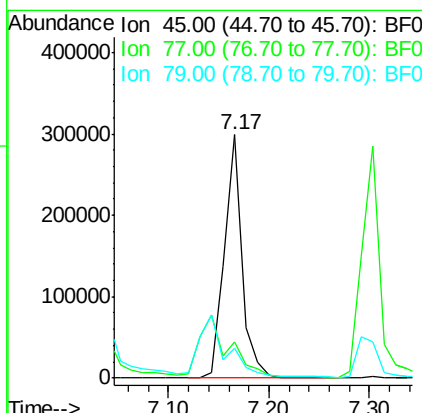
Manual Integrations
APPROVED

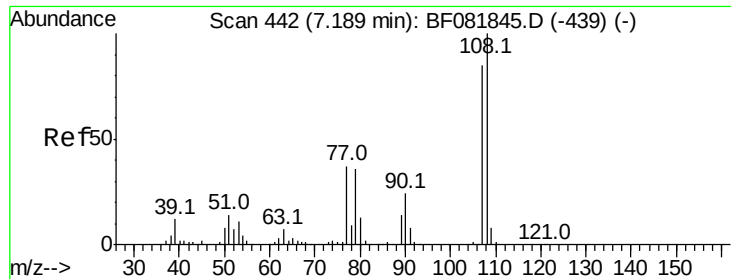
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.06 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion: 45 Resp: 364203
Ion Ratio Lower Upper
45 100
77 15.1 0.0 28.1
79 12.1 0.0 26.0





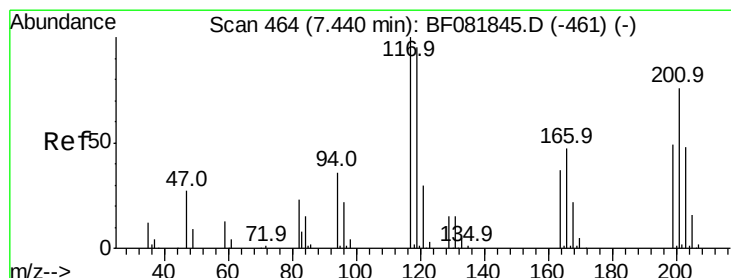
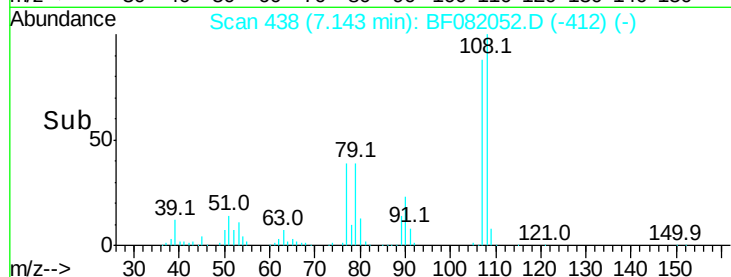
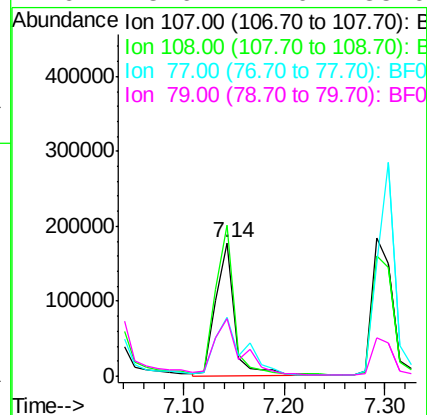
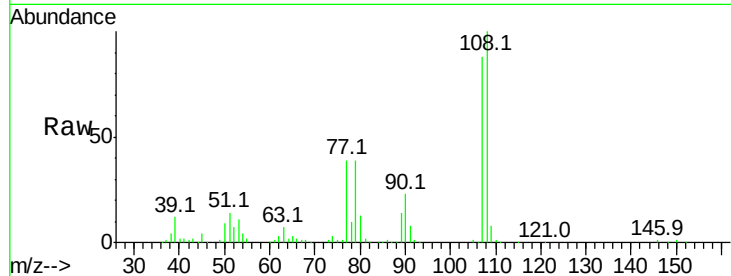
#17
2-Methylphenol
Concen: 39.50 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.3	96.6	145.0
77	43.9	23.3	34.9#
79	43.6	22.0	33.0#

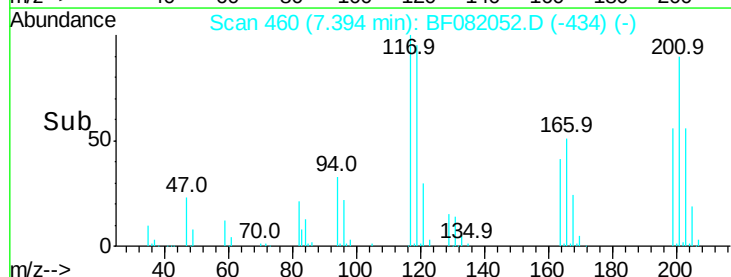
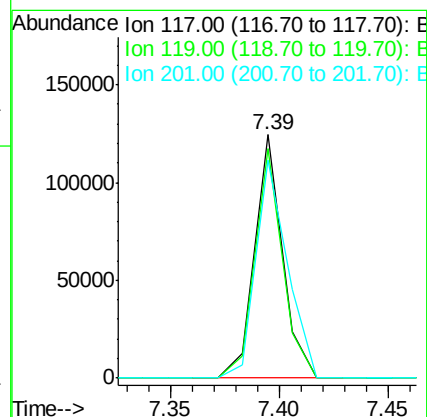
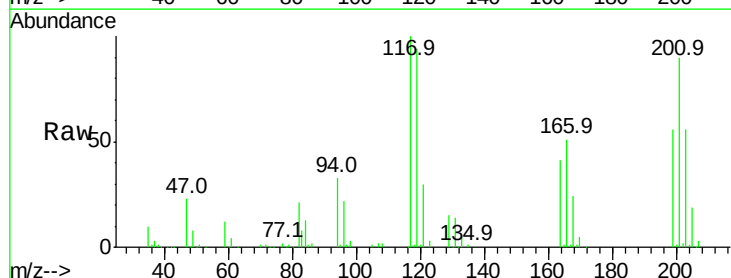
Manual Integrations
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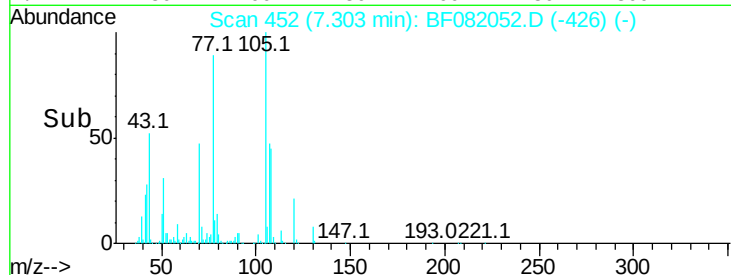
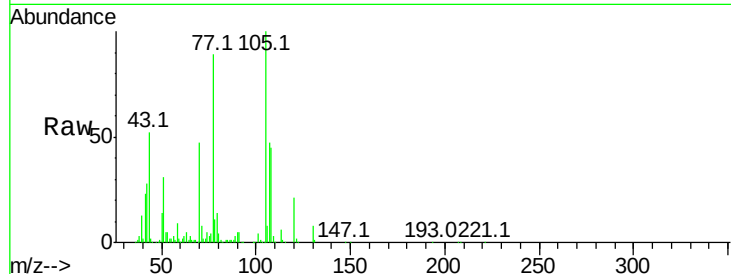
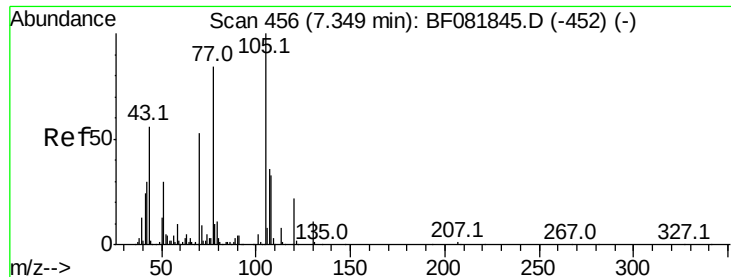
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#18
Hexachloroethane
Concen: 39.78 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	94.5	83.8	125.6
201	89.7	55.1	82.7#





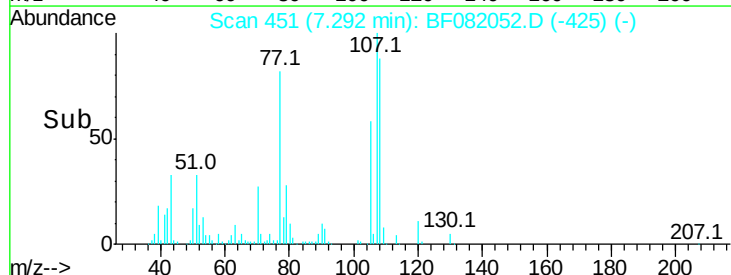
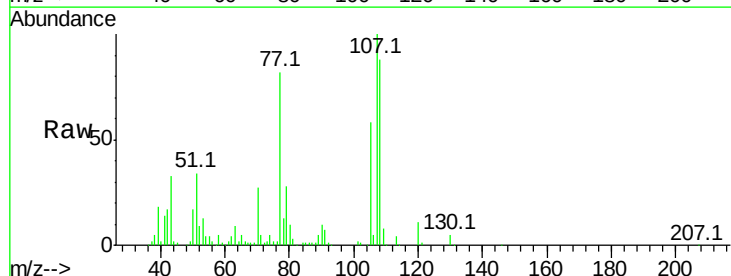
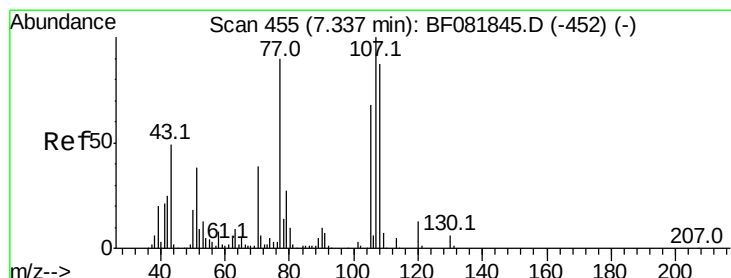
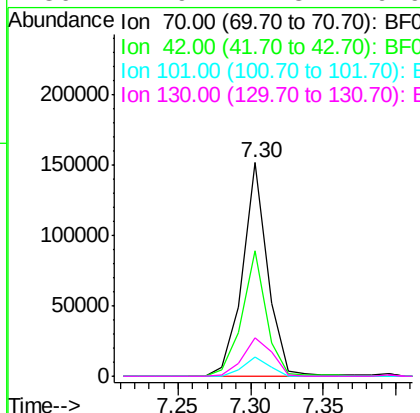
#19
n-Nitroso-di-n-propylamine
Concen: 36.47 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.8	63.8	95.6#
101	9.1	9.2	13.8#
130	17.9	27.3	40.9#

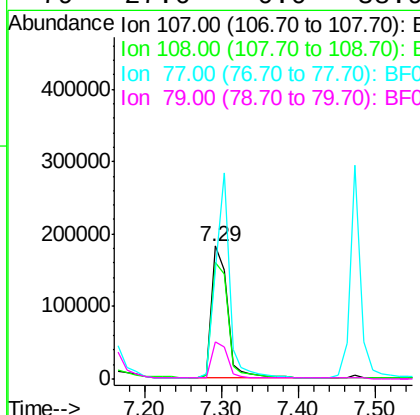
Manual Integrations
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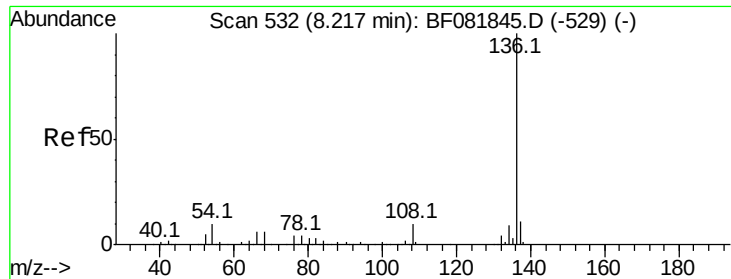
MMDadoda
10/6/2015 2:54:03 PM



#20
3+4-Methylphenols
Concen: 35.49 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	74.6	114.6
77	81.8	0.7	40.7#
79	27.6	0.0	38.9





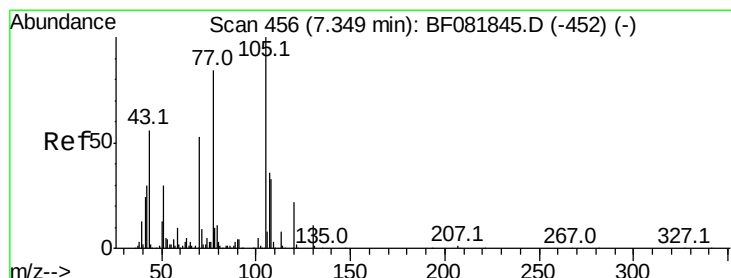
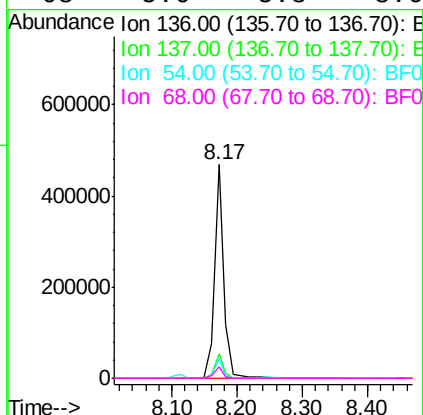
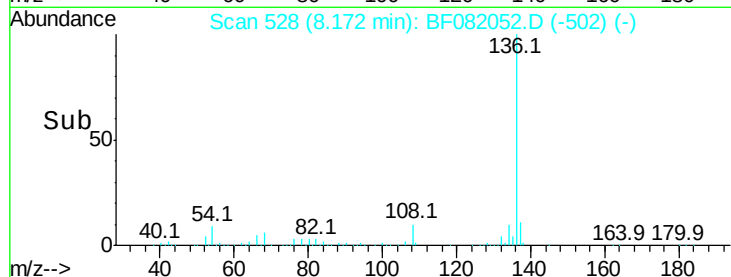
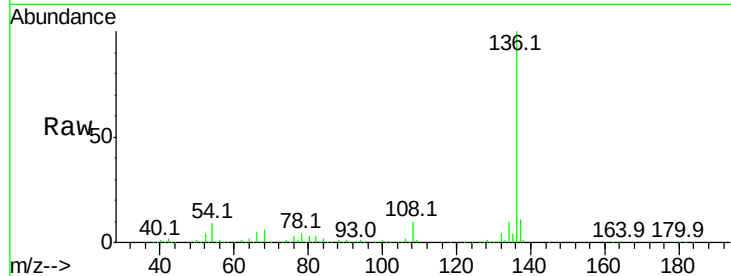
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.0	13.6	
54	8.9	8.2	12.2	
68	5.6	5.8	8.6	

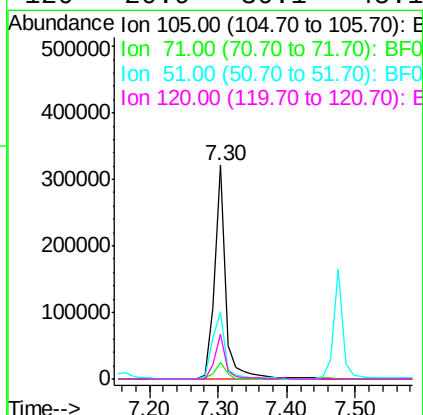
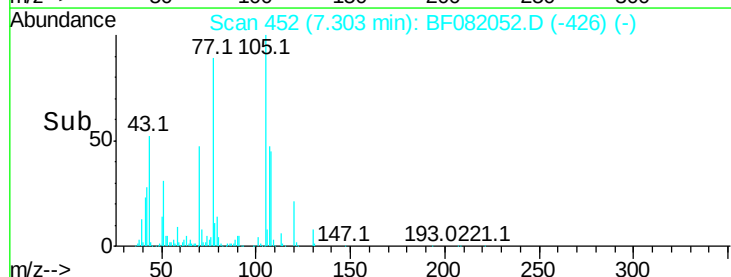
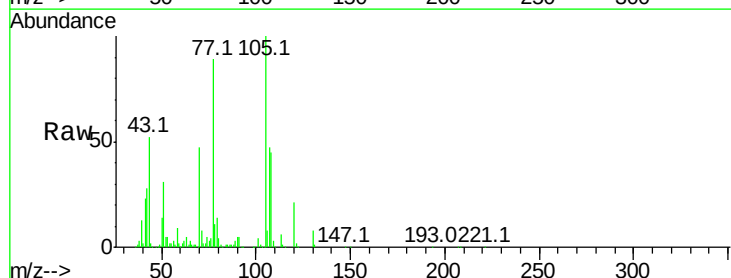
Manual Integrations
APPROVED

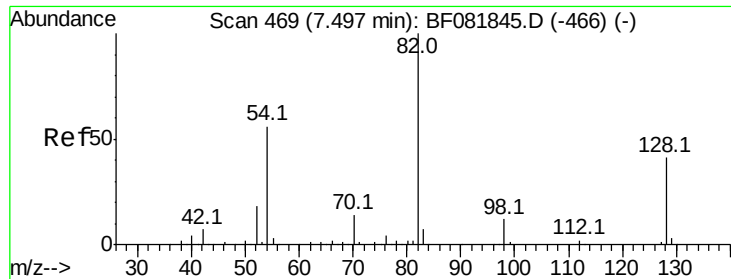
MMDadoda
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#22
Acetophenone
Concen: 38.47 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.8	4.7	7.1	
51	31.0	22.0	33.0	
120	20.9	30.1	45.1	





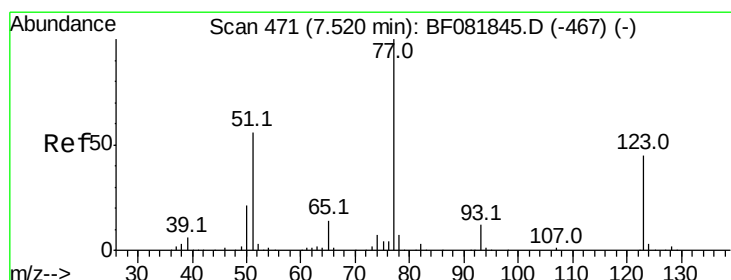
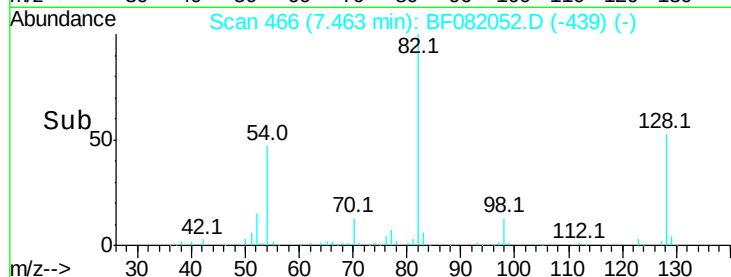
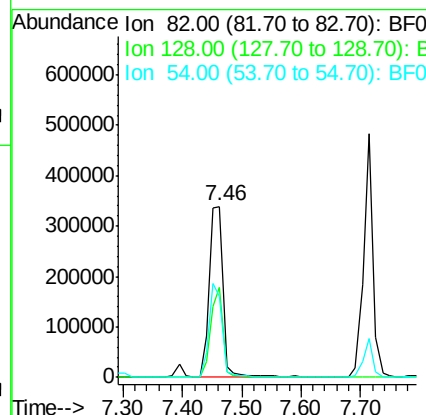
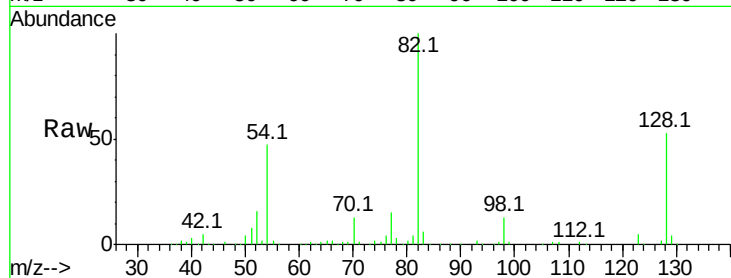
#23
 Nitrobenzene-d5
 Concen: 79.73 ng
 RT: 7.46 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.9	51.0	76.6
54	47.2	47.5	71.3#

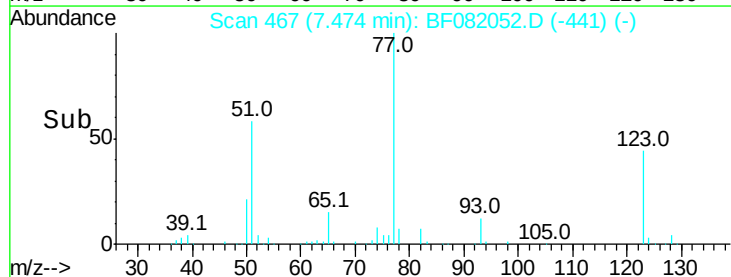
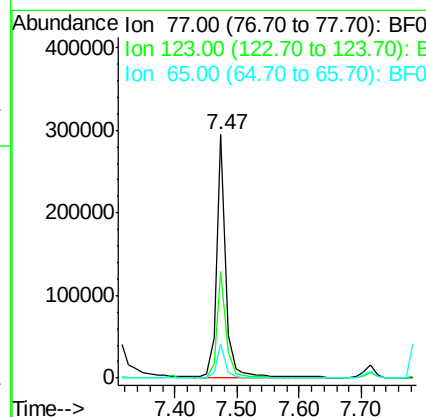
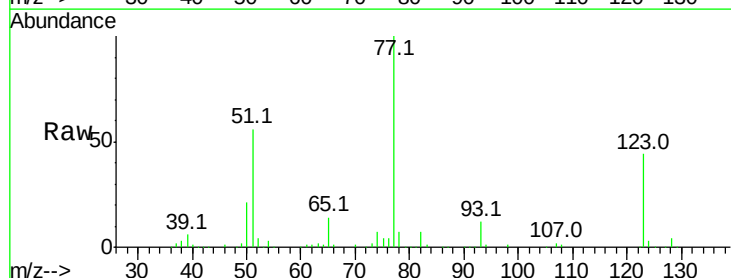
Manual Integrations
 APPROVED

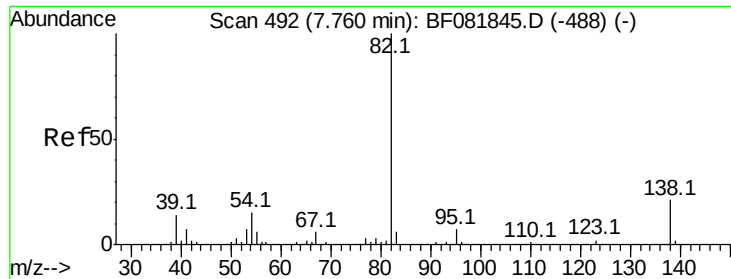
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#24
 Nitrobenzene
 Concen: 38.84 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	59.8	89.8#
65	14.0	10.2	15.4





#25

Isophorone

Concen: 37.75 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

ClientSampleId :

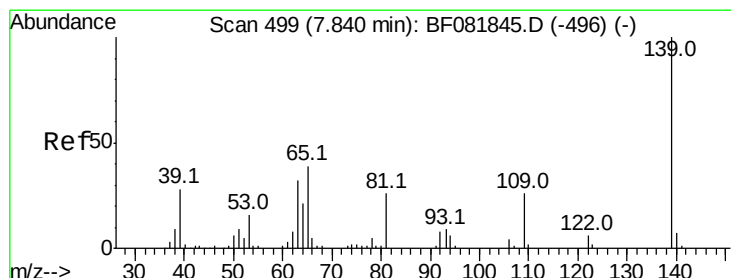
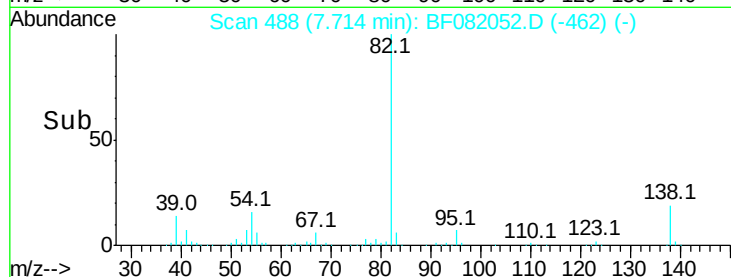
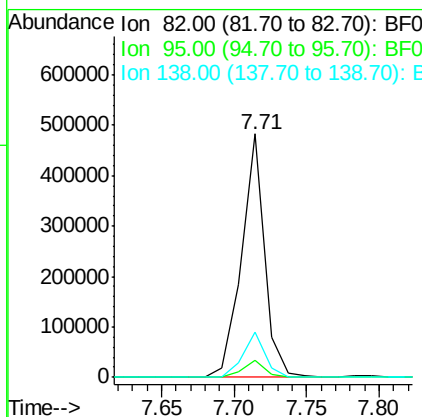
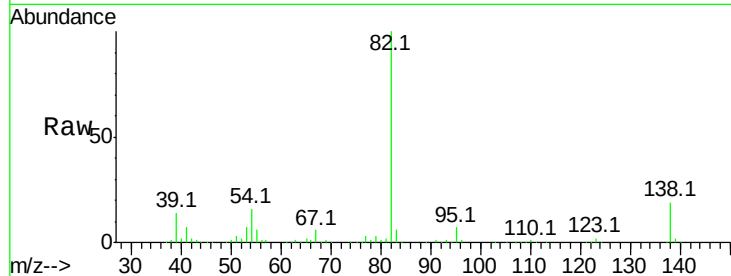
SSTDCCC040

Tot Ion: 82 Resp: 530010
Ion Ratio Lower Upper

82	100		
95	7.1	4.0	6.0#
138	18.7	18.3	27.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.57 ng

RT: 7.79 min Scan# 495

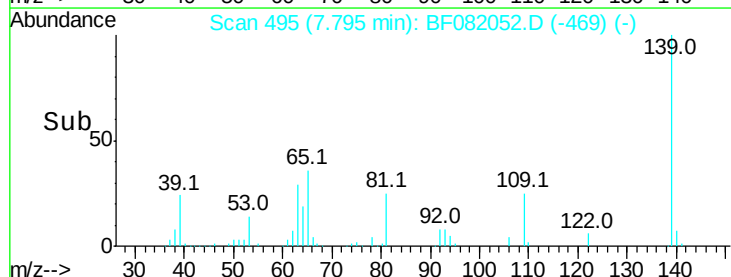
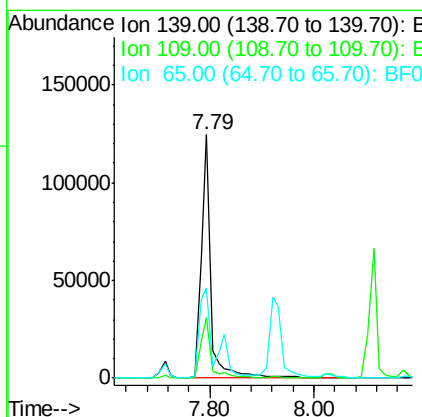
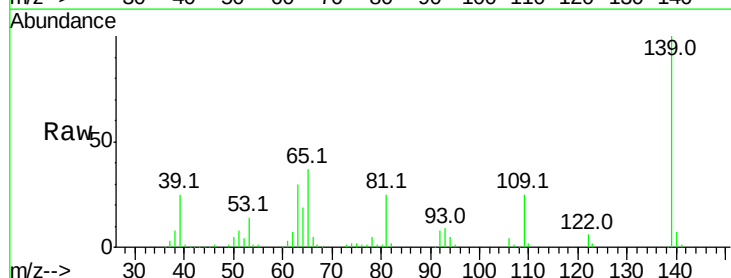
Delta R.T. -0.00 min

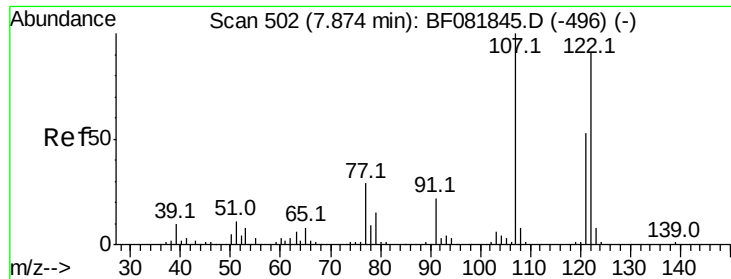
Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion: 139 Resp: 160874
Ion Ratio Lower Upper

139	100		
109	24.7	11.0	16.4#
65	37.0	24.7	37.1





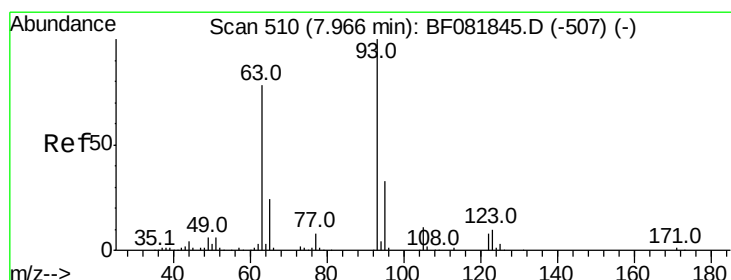
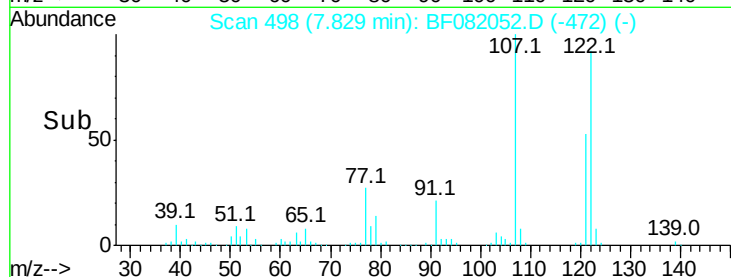
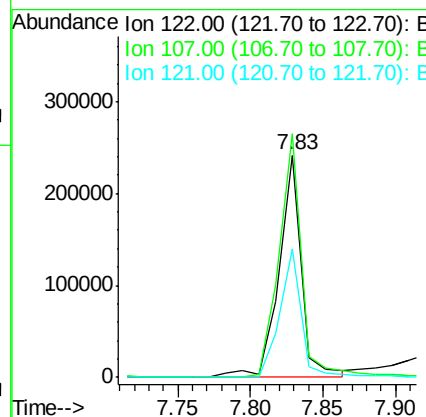
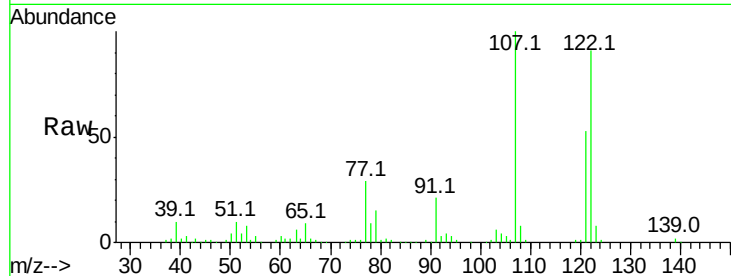
#27
2,4-Dimethylphenol
Concen: 39.79 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	258502		
107	109.7	71.8	107.6#	
121	58.0	42.3	63.5	

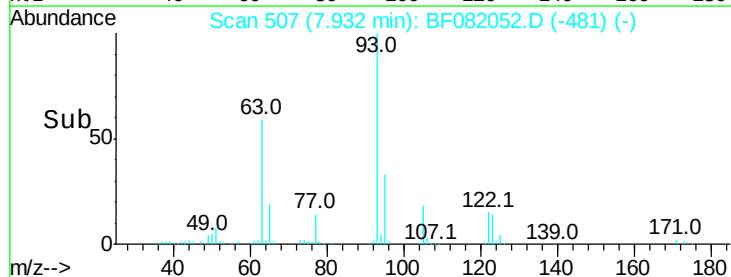
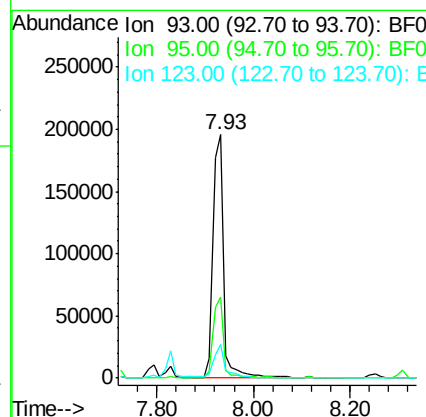
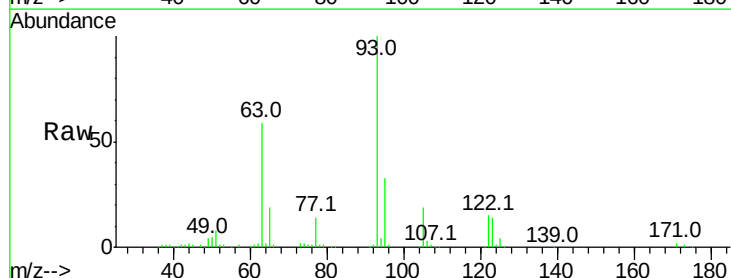
Manual Integrations
APPROVED

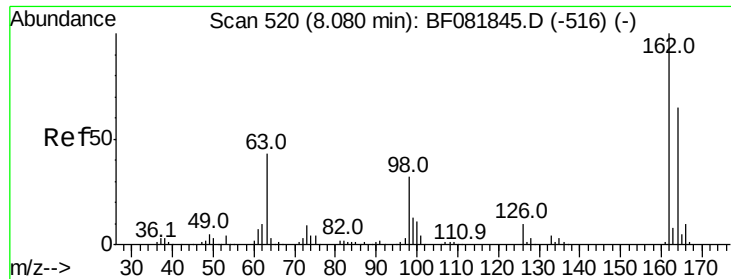
MMDadoda
10/6/2015 2:54:03 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.03 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	300415		
95	33.1	27.5	41.3	
123	13.9	13.7	20.5	





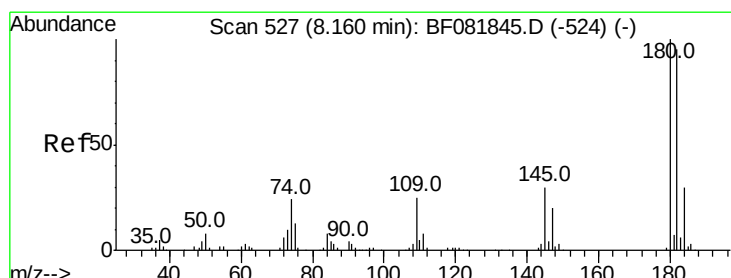
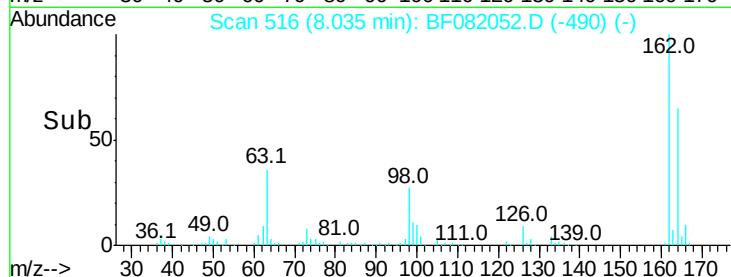
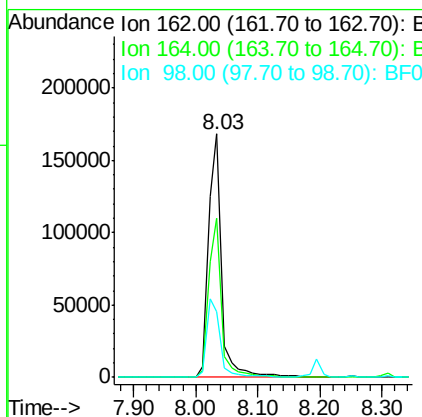
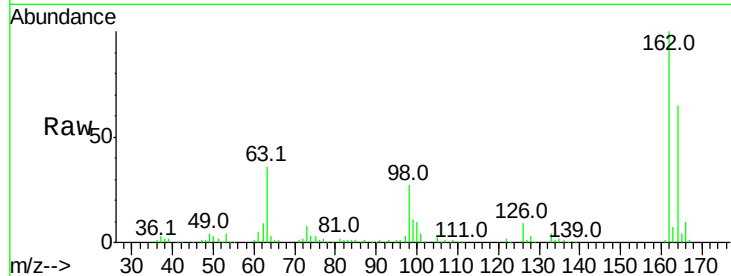
#29
2,4-Dichlorophenol
Concen: 38.82 ng
RT: 8.03 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	244496		
164	65.4	44.9	84.9	
98	27.0	13.0	53.0	

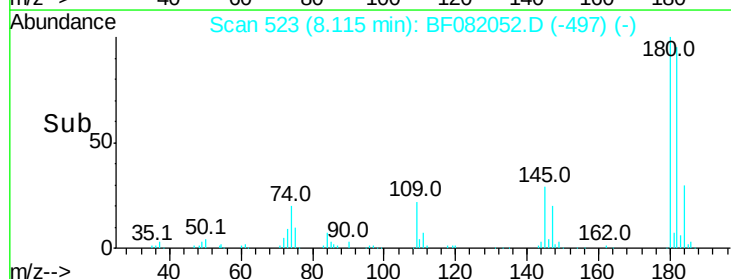
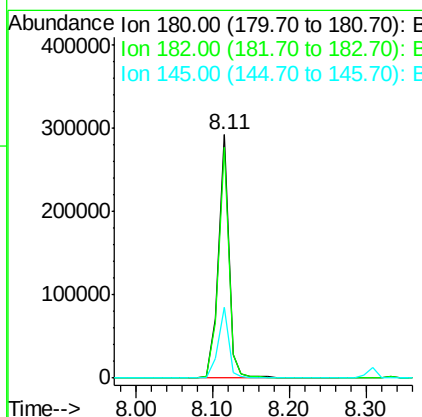
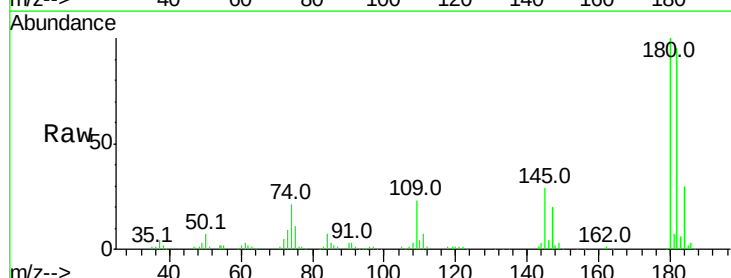
Manual Integrations
APPROVED

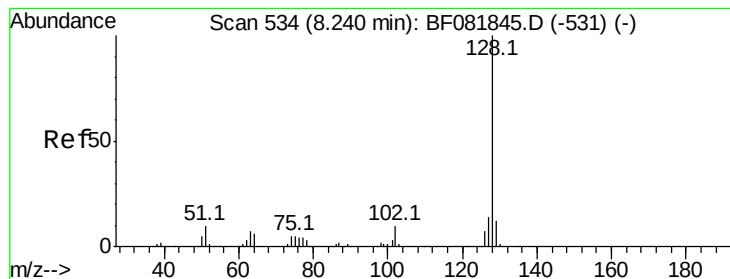
MMDadoda
10/6/2015 2:54:03 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.92 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	280756		
182	95.0	77.1	115.7	
145	29.3	23.3	34.9	





#31

Naphthalene

Concen: 37.12 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

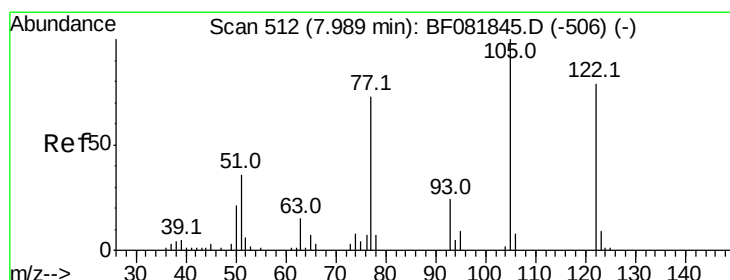
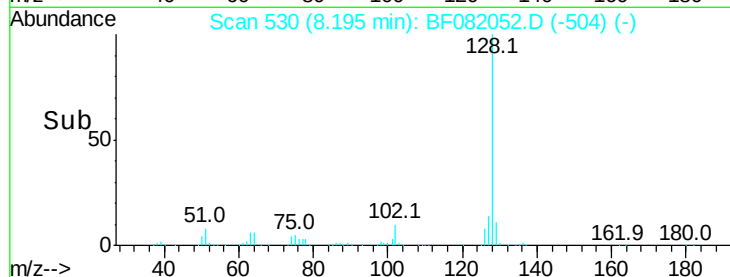
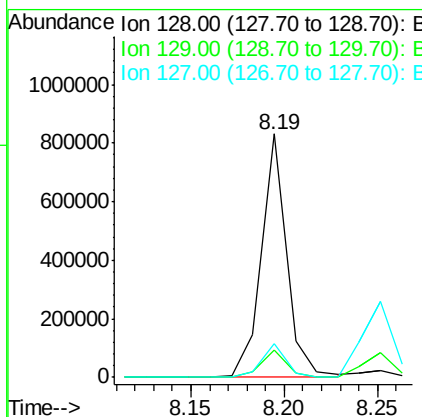
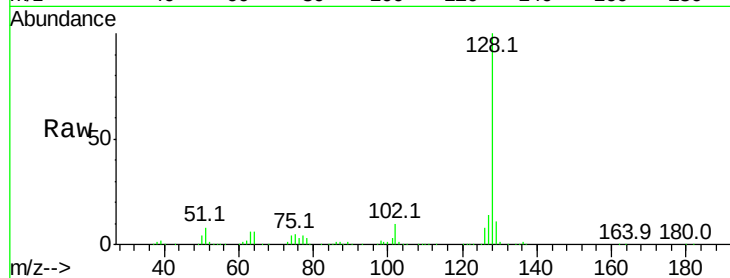
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	776713
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.4	12.6
127	13.6	9.9	14.9

Manual Integrations
APPROVED

MMDadoda
10/6/2015 2:54:03 PM



#32

Benzoic acid

Concen: 41.89 ng

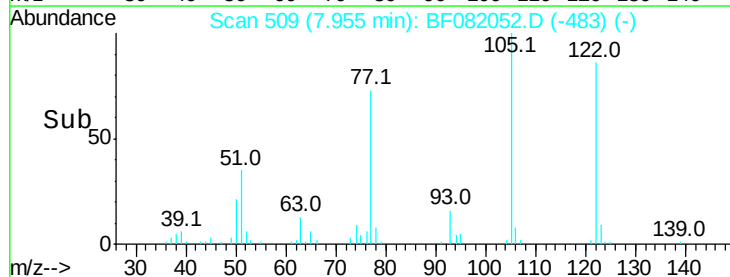
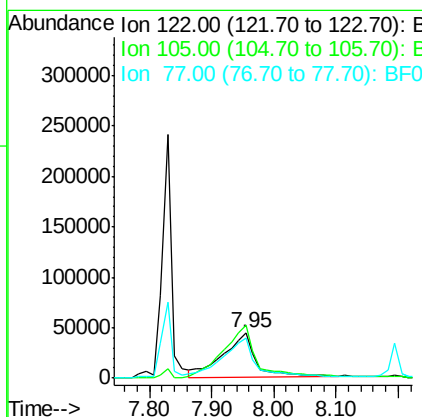
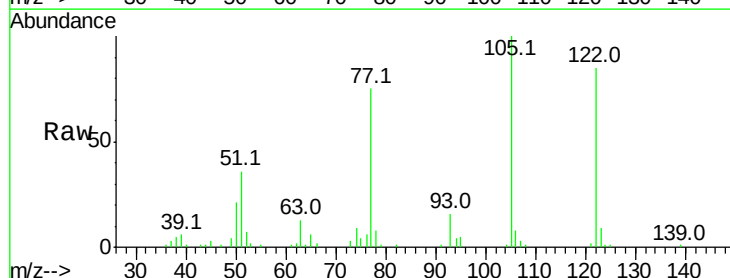
RT: 7.95 min Scan# 509

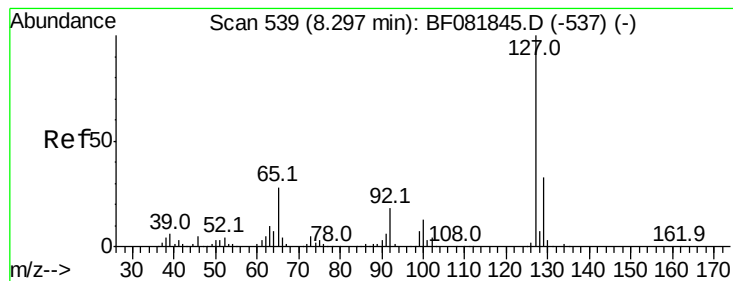
Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion:	122	Resp:	158486
Ion Ratio	Lower	Upper	
122	100		
105	117.1	76.1	116.1#
77	87.4	40.5	80.5#





#33

4-Chloroaniline

Concen: 38.54 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

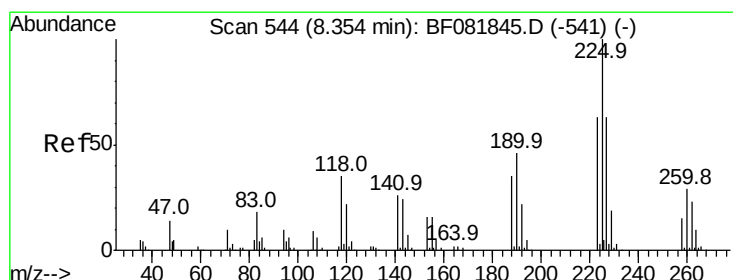
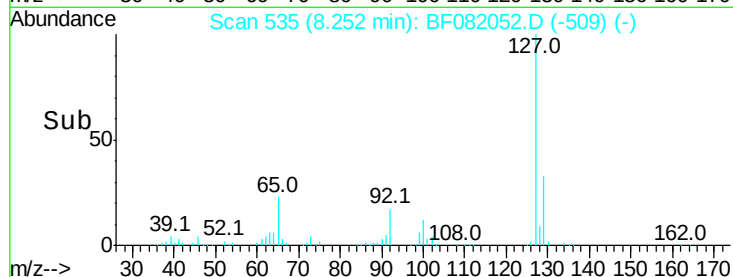
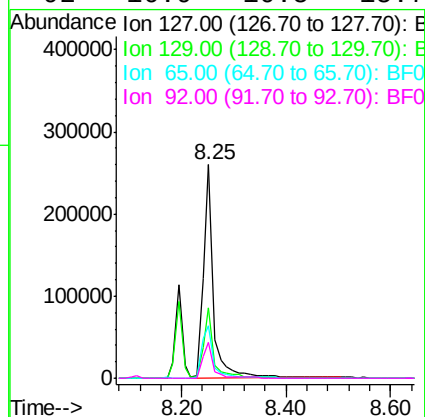
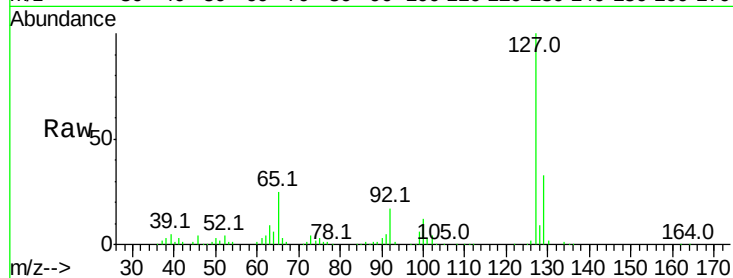
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.1	25.8	38.6
65	24.7	17.9	26.9
92	16.9	10.5	15.7

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 40.02 ng

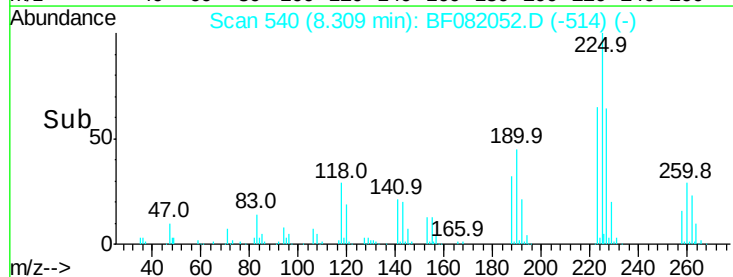
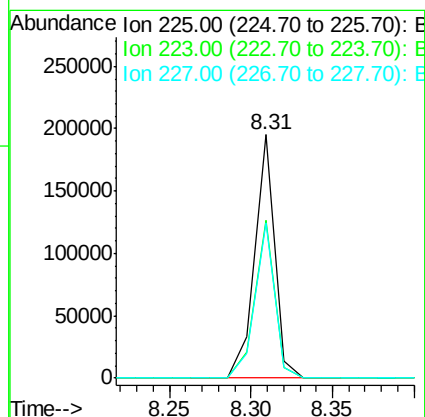
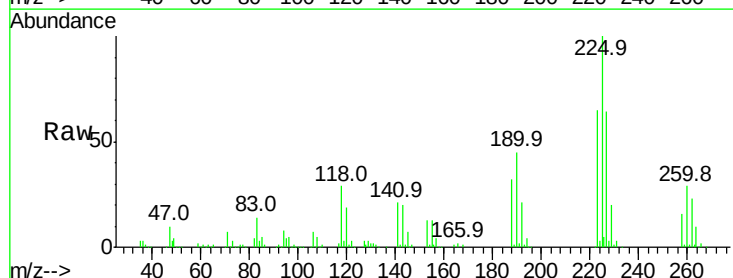
RT: 8.31 min Scan# 540

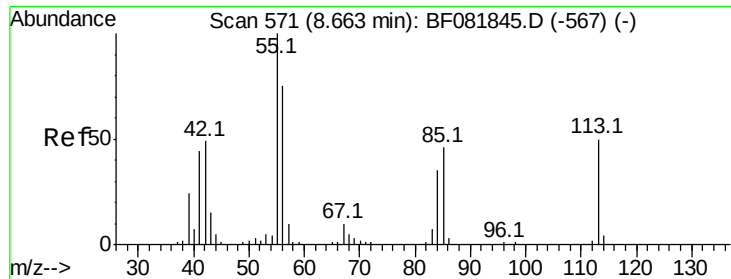
Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.8	50.2	75.2
227	64.0	52.2	78.2





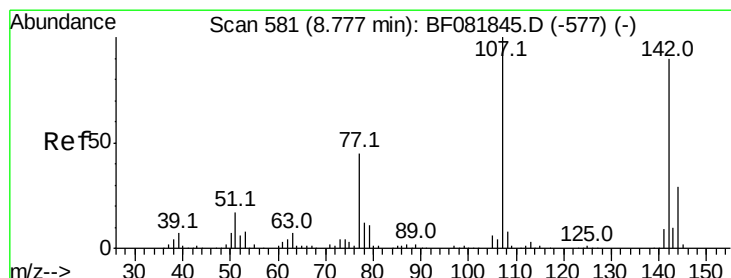
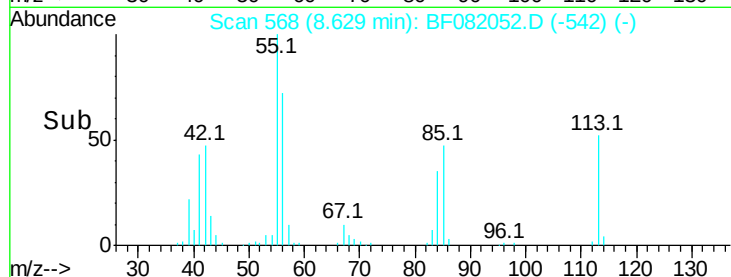
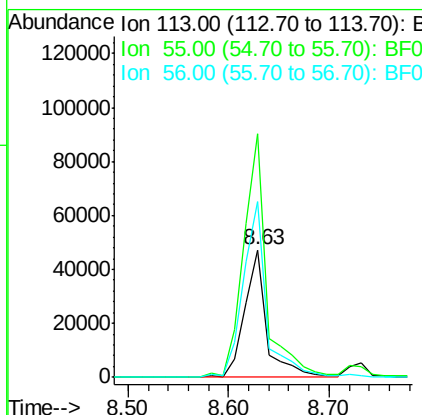
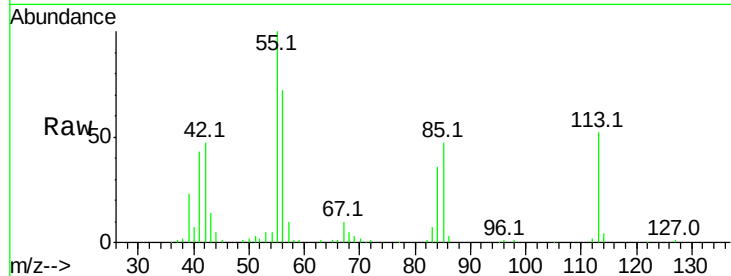
#35
 Caprolactam
 Concen: 41.22 ng
 RT: 8.63 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 71880
 Ion Ratio Lower Upper
 113 100
 55 191.4 152.4 192.4
 56 138.4 104.6 144.6

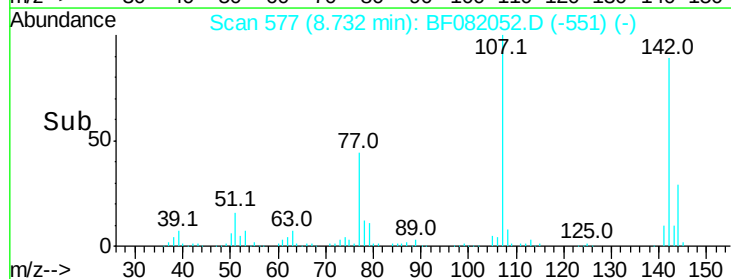
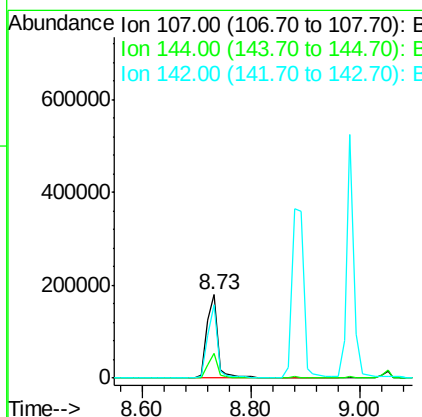
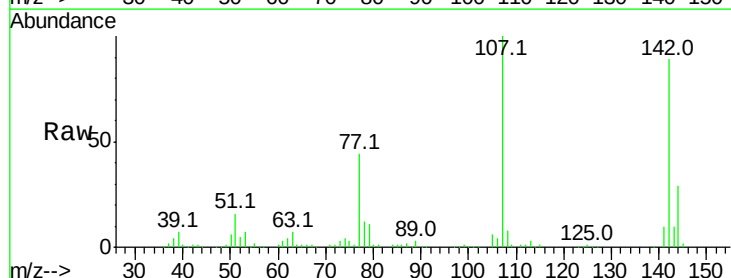
Manual Integrations
 APPROVED

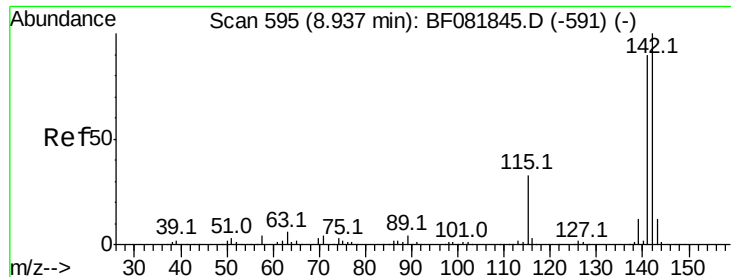
MMDadoda
 10/6/2015 2:54:03 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.77 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Tgt Ion:107 Resp: 251113
 Ion Ratio Lower Upper
 107 100
 144 29.2 25.4 38.0
 142 88.7 77.3 115.9





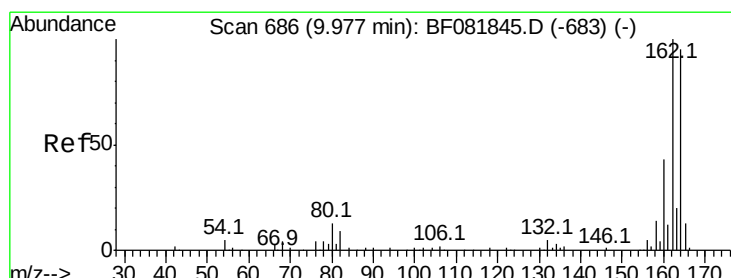
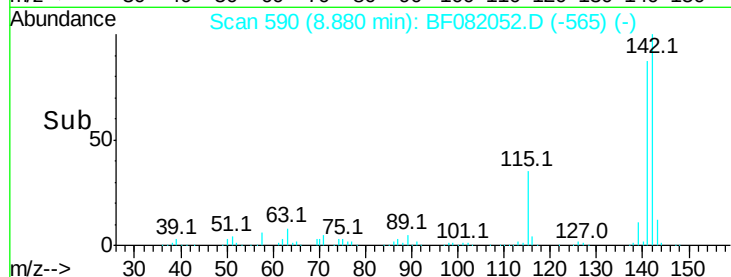
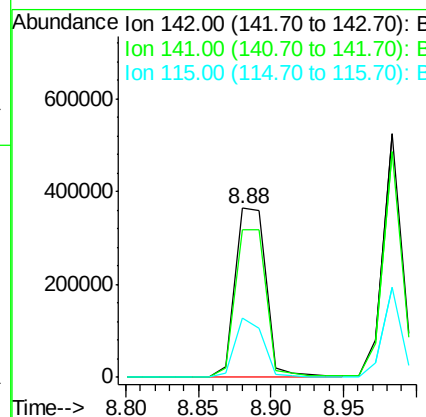
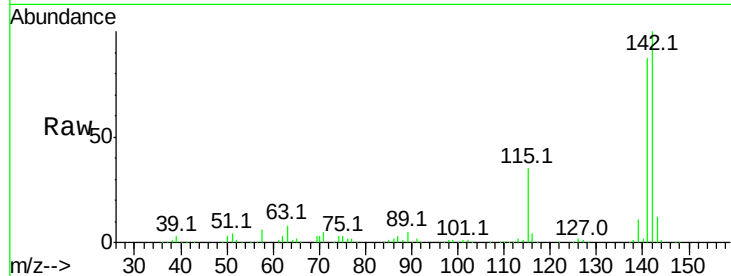
#37
2-Methylnaphthalene
Concen: 37.81 ng
RT: 8.88 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	540103		
141	87.2	67.5	101.3	
115	35.1	18.2	27.2	

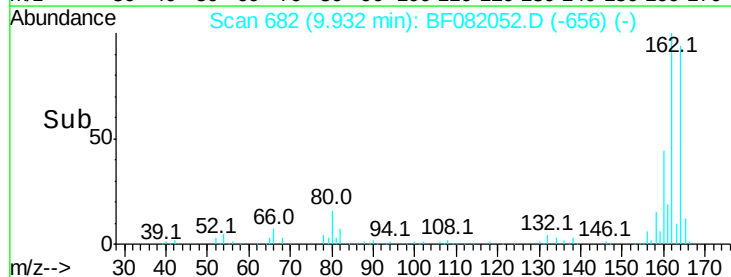
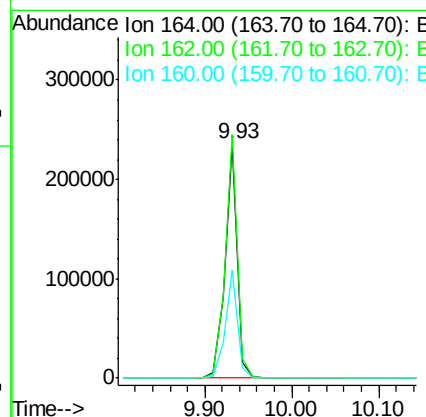
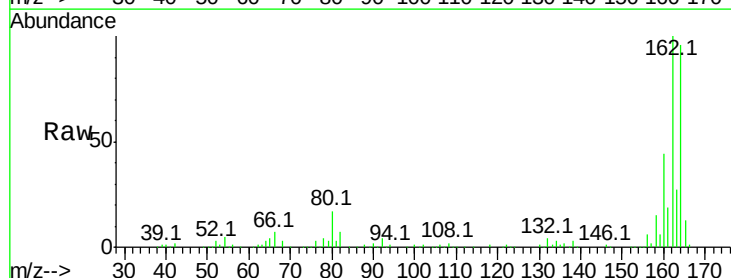
Manual Integrations
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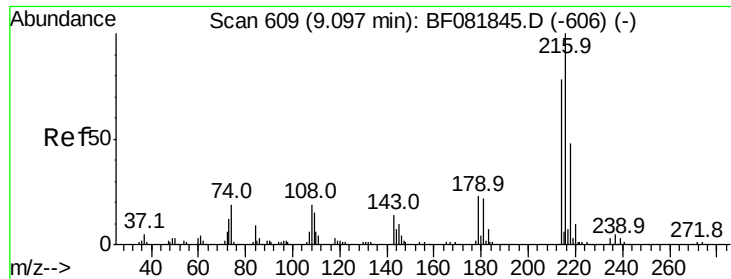
MMDadoda
10/6/2015 2:54:03 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	234153		
162	104.2	75.2	112.8	
160	46.0	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.05 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

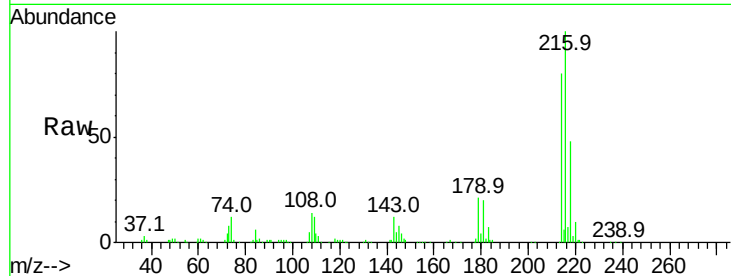
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	63.5	95.3
179	21.2	16.6	24.8
108	16.6	16.3	24.5

Manual Integrations
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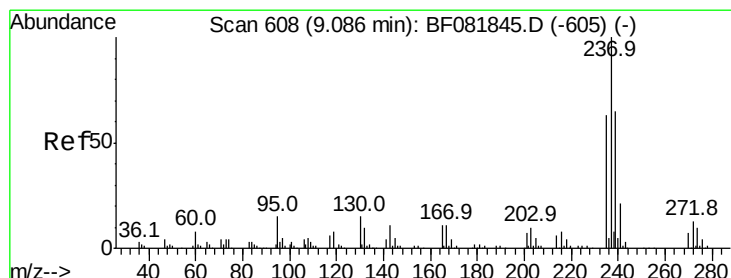
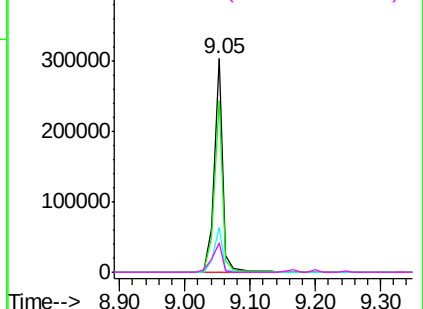
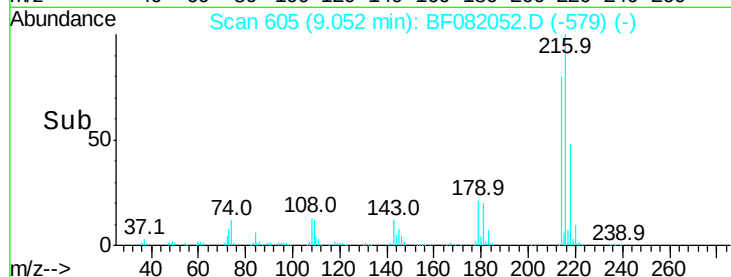


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.85 ng

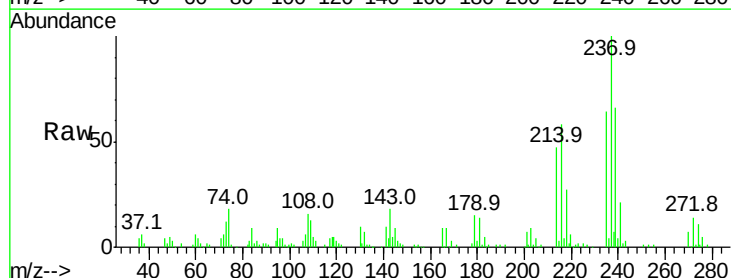
RT: 9.04 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

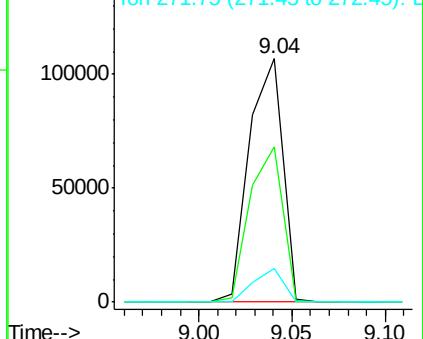
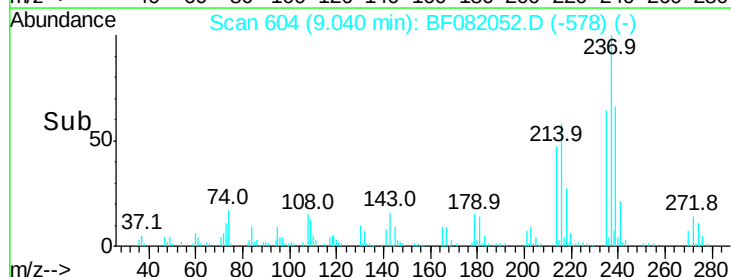
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	42.0	82.0
272	13.9	0.0	36.1

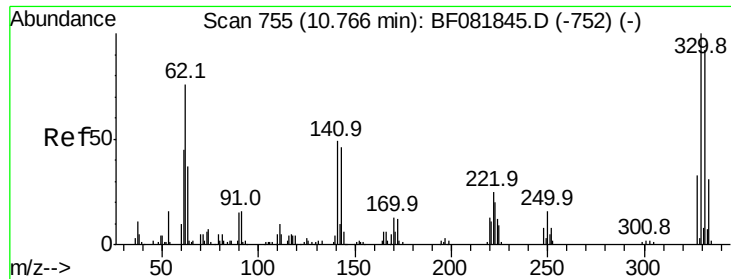


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





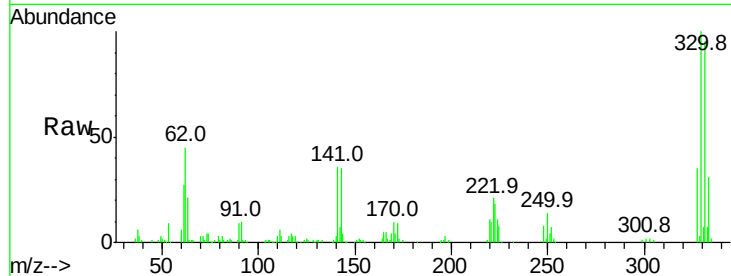
#41
 2,4,6-Tribromophenol
 Concen: 72.52 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

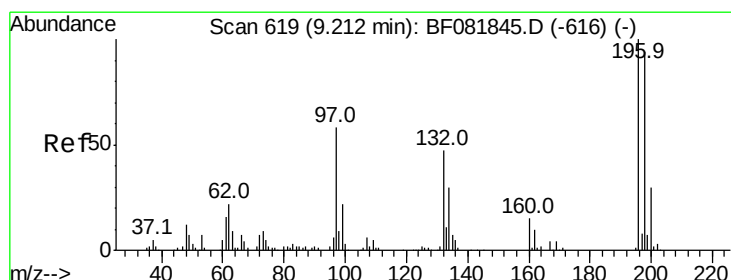
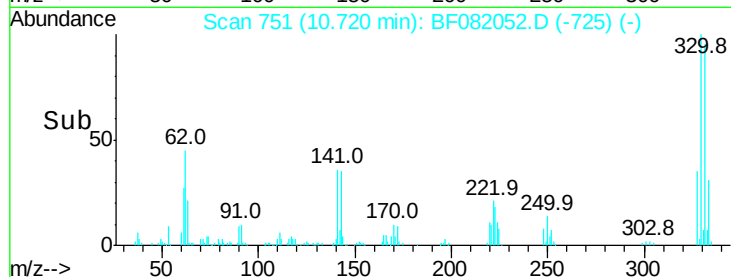
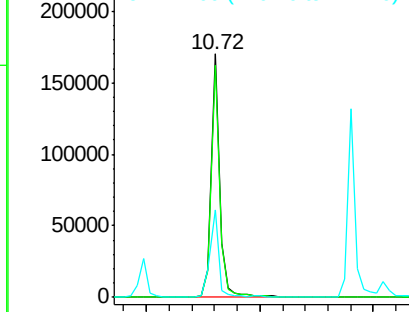
Tot Ion	Ratio	Resp	Lower	Upper
330	100	171965		
332	95.6	76.6	114.8	
141	36.3	29.7	44.5	

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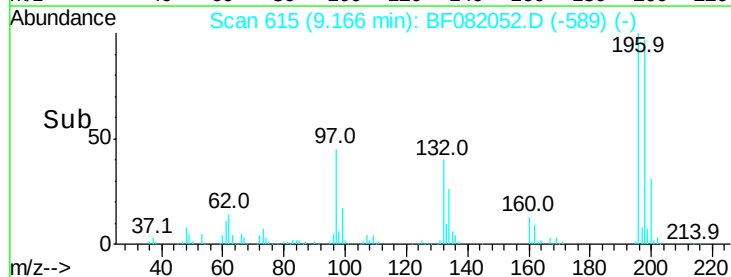
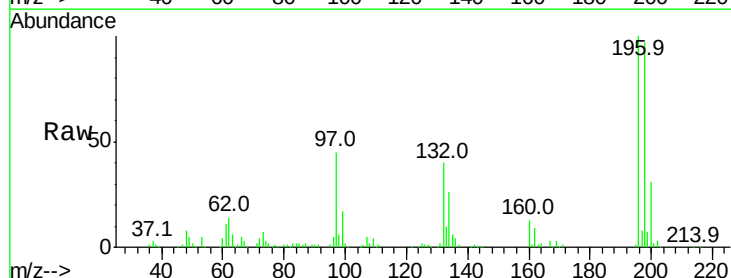
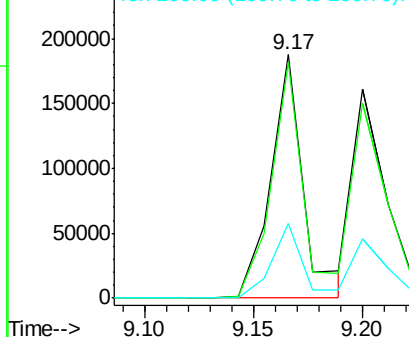
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

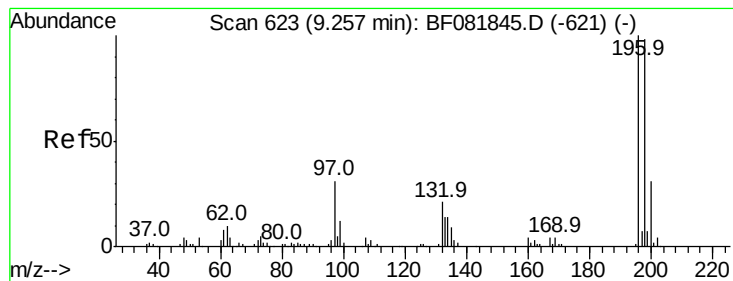


#42
 2,4,6-Trichlorophenol
 Concen: 39.74 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195827		
198	96.8	75.7	113.5	
200	30.5	23.9	35.9	

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





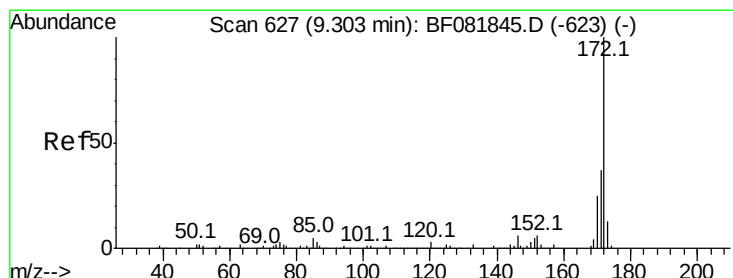
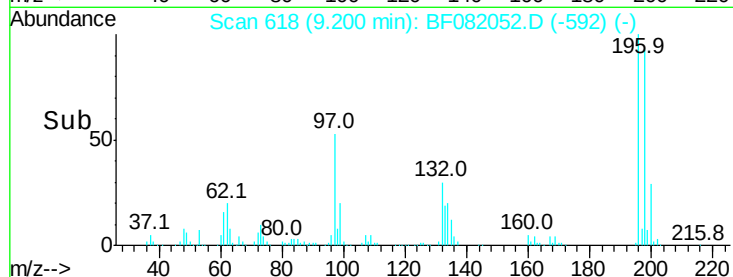
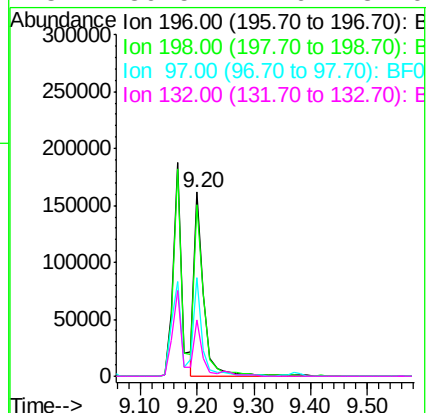
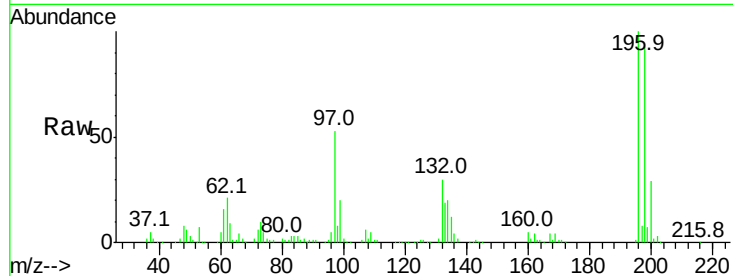
#43
 2,4,5-Trichlorophenol
 Concen: 37.48 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	189948
Ion Ratio	Lower	Upper	
196	100		
198	93.3	75.4	113.0
97	53.3	33.3	49.9
132	30.5	24.6	37.0

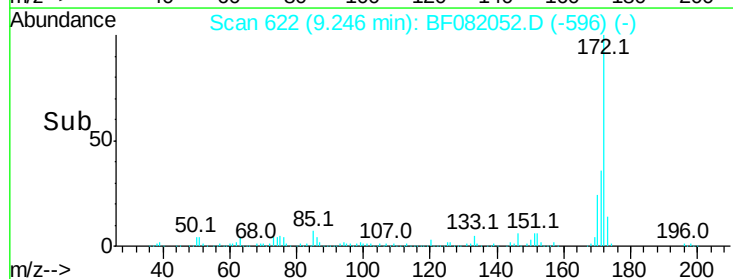
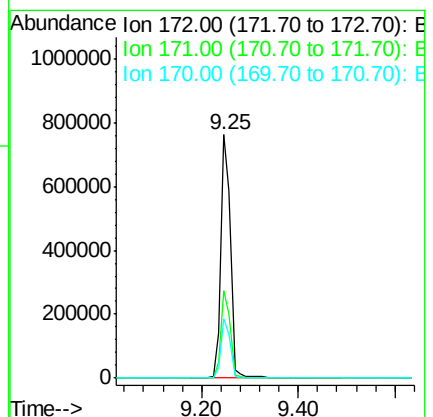
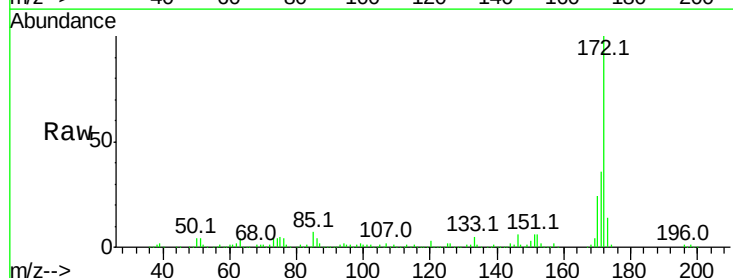
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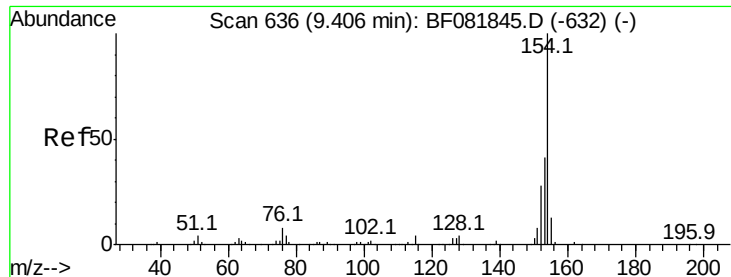
MMDadoda
 10/6/2015 2:54:03 PM



#44
 2-Fluorobiphenyl
 Concen: 74.86 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Tgt Ion	172	Resp	1072079
Ion Ratio	Lower	Upper	
172	100		
171	35.9	26.1	39.1
170	24.3	17.4	26.2





#45

1,1'-Biphenyl

Concen: 35.44 ng

RT: 9.35 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

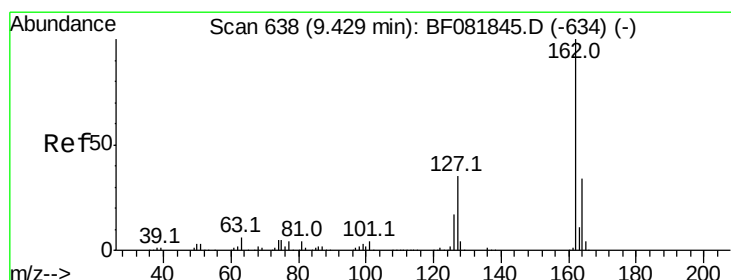
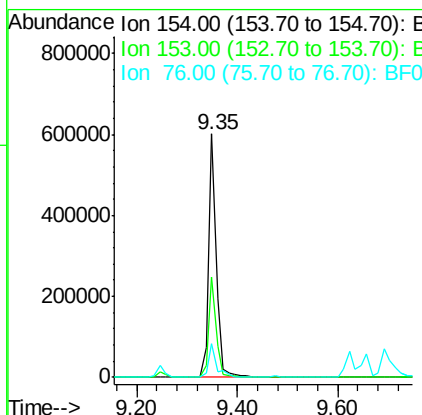
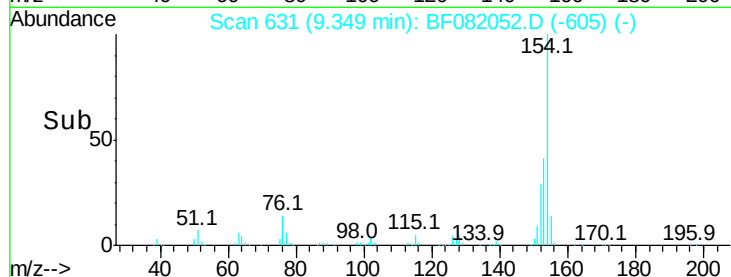
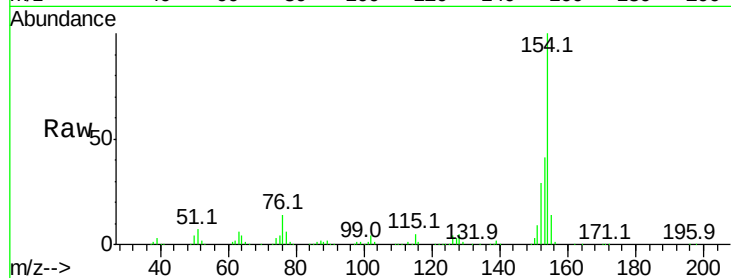
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	640297
Ion Ratio	Lower	Upper	
154	100		
153	41.2	17.1	57.1
76	13.6	0.0	31.6

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#46

2-Chloronaphthalene

Concen: 37.06 ng

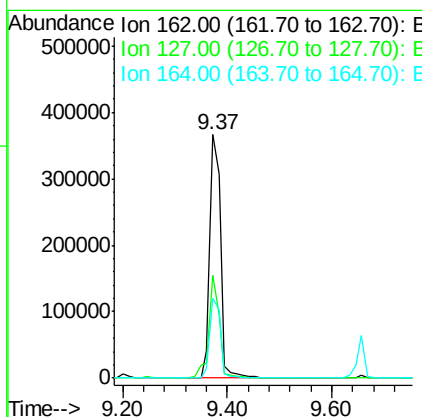
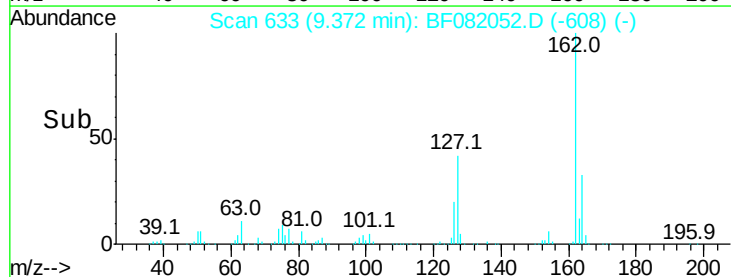
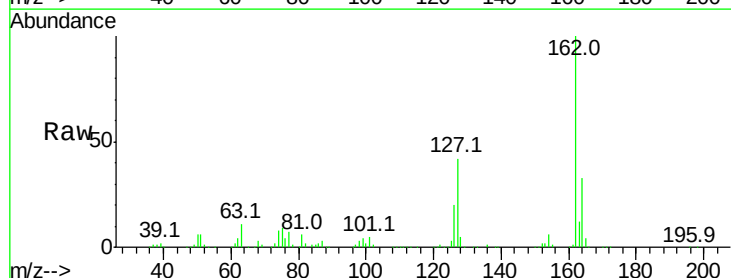
RT: 9.37 min Scan# 633

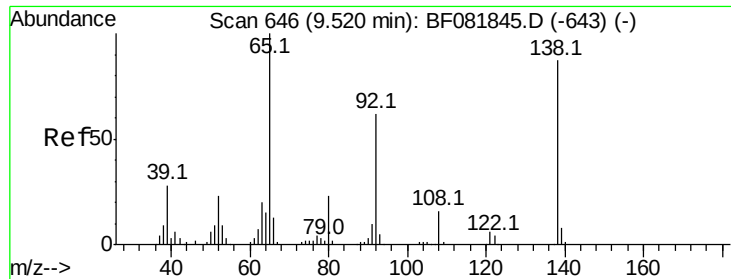
Delta R.T. -0.01 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion:	162	Resp:	525695
Ion Ratio	Lower	Upper	
162	100		
127	42.0	27.6	41.4#
164	32.6	25.4	38.2





#47

2-Nitroaniline

Concen: 37.87 ng

RT: 9.47 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 157692

Ion Ratio Lower Upper

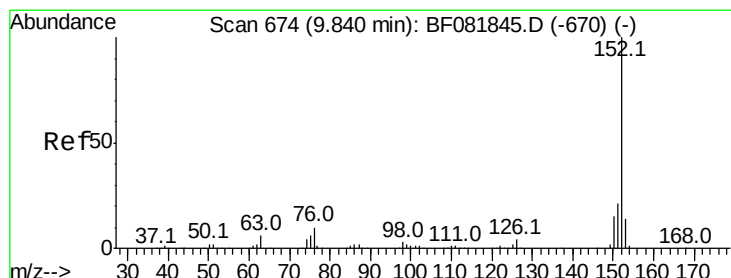
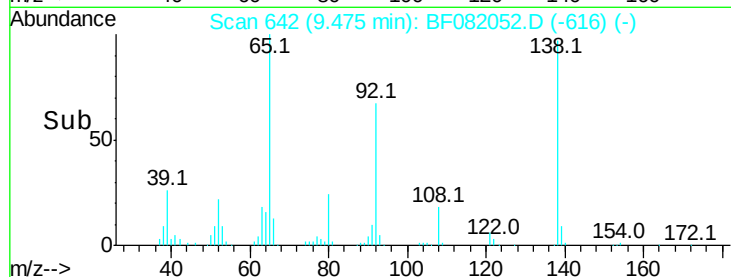
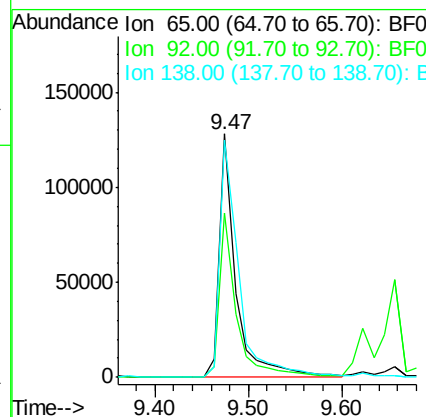
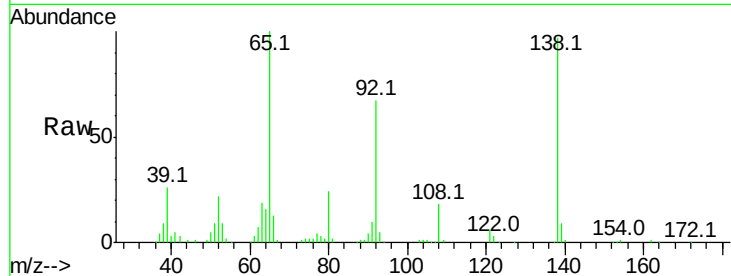
65 100

92 67.3 55.4 83.0

138 97.5 115.5 173.3#

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#48

Acenaphthylene

Concen: 39.05 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

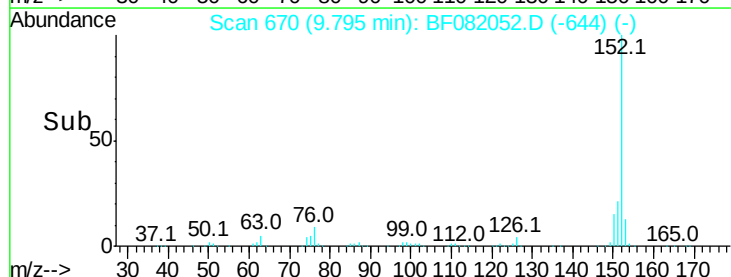
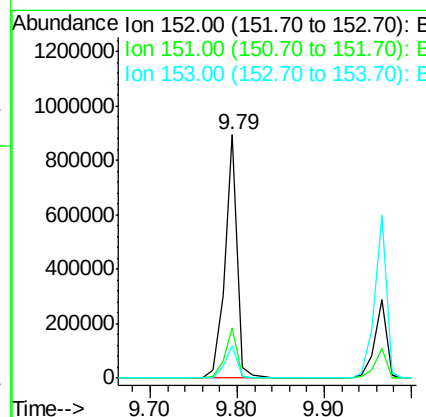
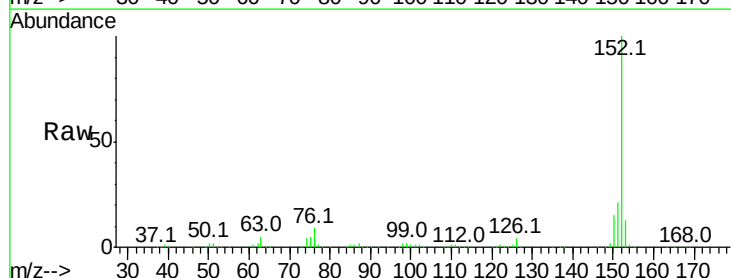
Tgt Ion: 152 Resp: 886628

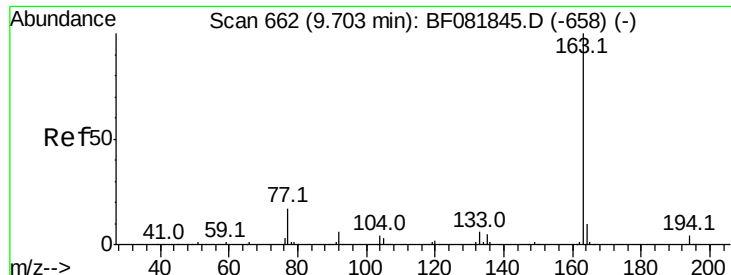
Ion Ratio Lower Upper

152 100

151 20.9 14.6 22.0

153 13.4 10.3 15.5





#49

Dimethylphthalate

Concen: 38.59 ng

RT: 9.66 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

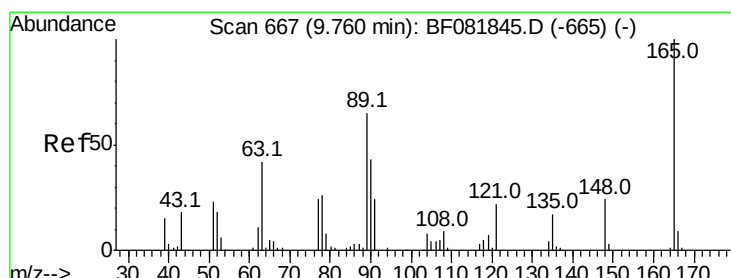
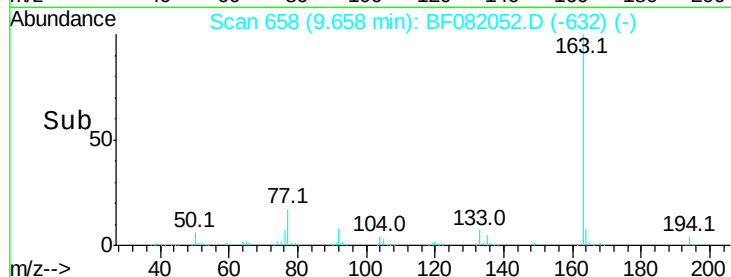
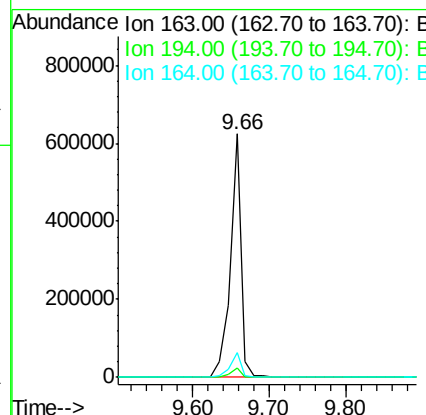
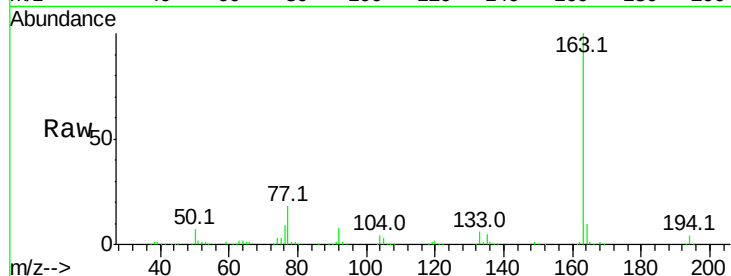
ClientSampleId :

SSTDCCC040

Tot Ion:	163	Resp:	623641
Ion Ratio	Lower	Upper	
163	100		
194	3.6	4.4	6.6#
164	10.2	8.3	12.5

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#50

2,6-Dinitrotoluene

Concen: 38.30 ng

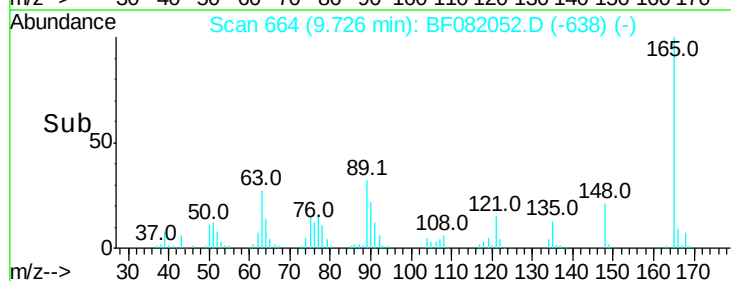
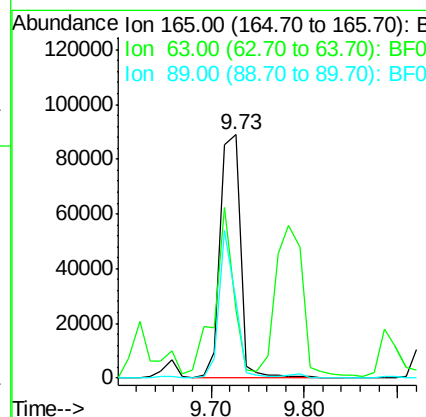
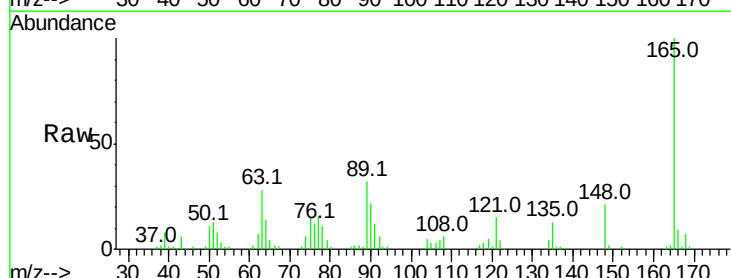
RT: 9.73 min Scan# 664

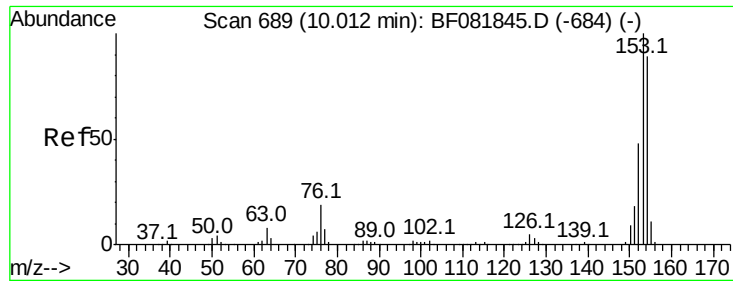
Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion:	165	Resp:	134389
Ion Ratio	Lower	Upper	
165	100		
63	27.9	32.3	48.5#
89	31.7	28.6	43.0





#51

Acenaphthene

Concen: 40.11 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

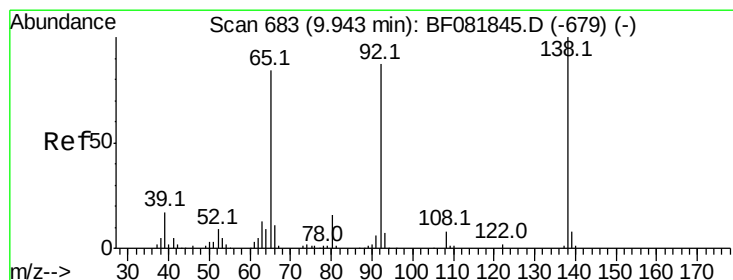
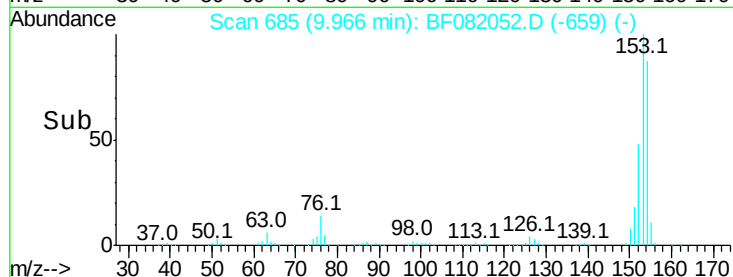
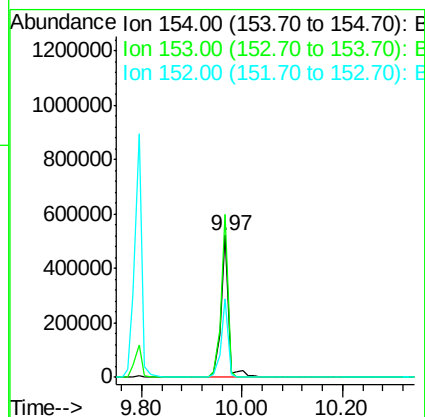
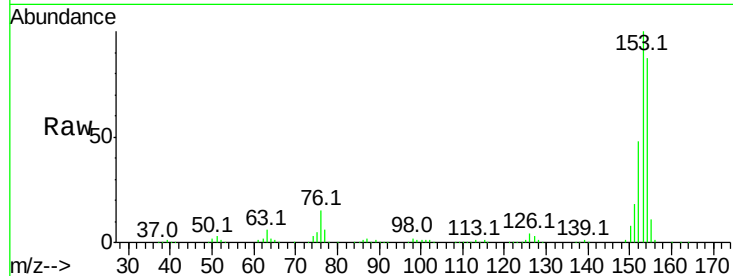
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	540708
Ion Ratio	Lower	Upper	
154	100		
153	114.4	82.1	123.1
152	54.9	37.9	56.9

Manual Integrations
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#52

3-Nitroaniline

Concen: 40.20 ng

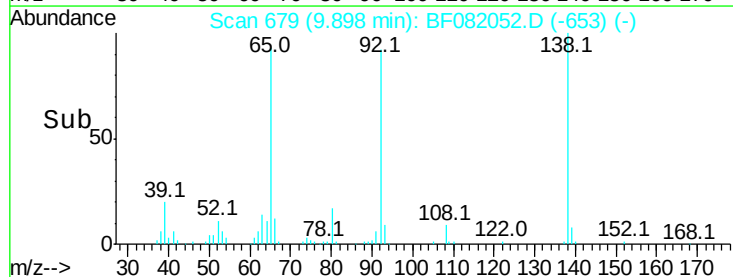
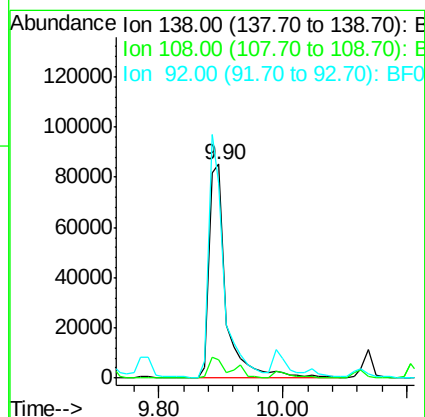
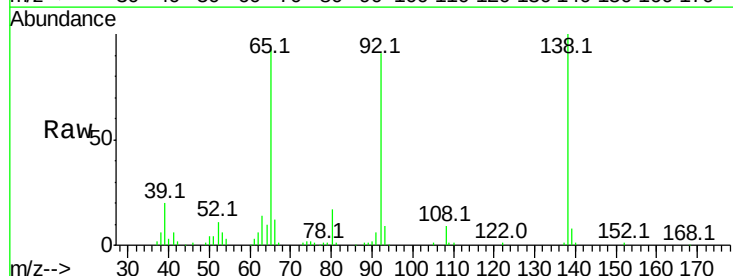
RT: 9.90 min Scan# 679

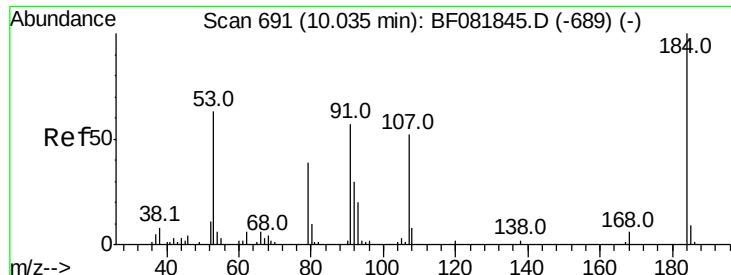
Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion:	138	Resp:	163212
Ion Ratio	Lower	Upper	
138	100		
108	8.5	5.7	8.5#
92	91.3	67.7	101.5





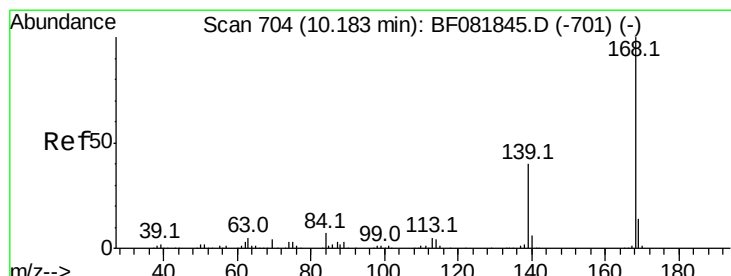
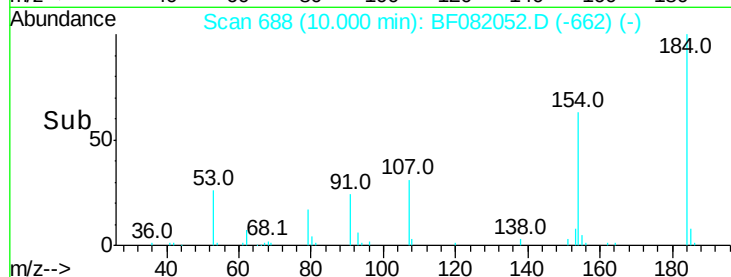
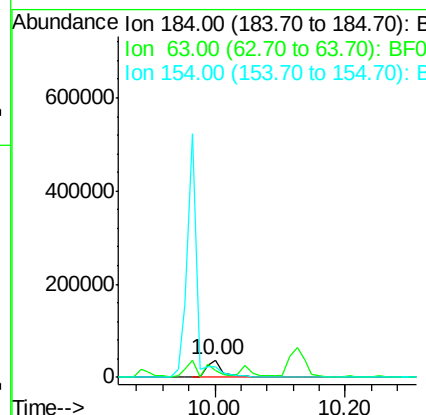
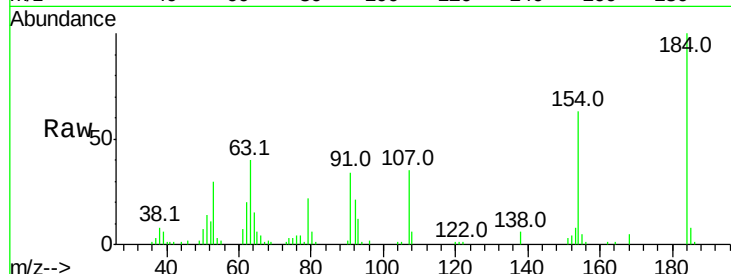
#53
 2,4-Dinitrophenol
 Concen: 51.52 ng
 RT: 10.00 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	66341		
63	40.4	35.4	53.2	
154	62.6	32.2	48.4	

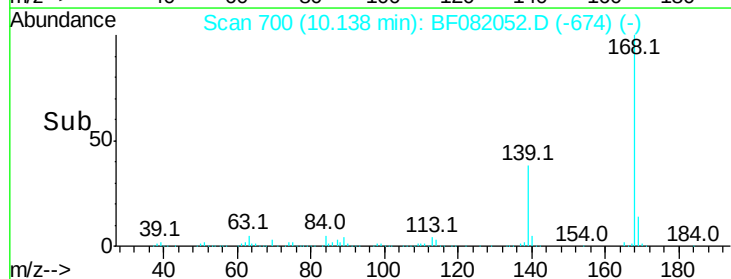
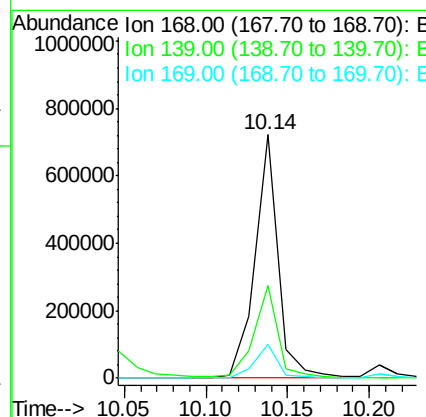
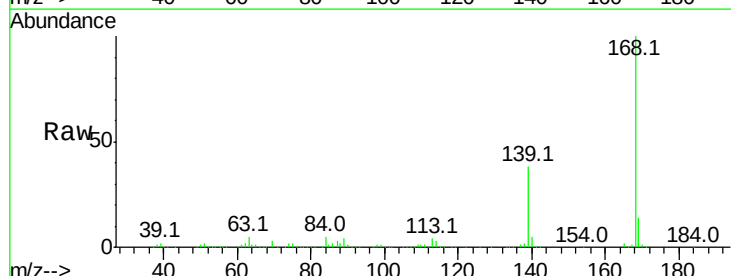
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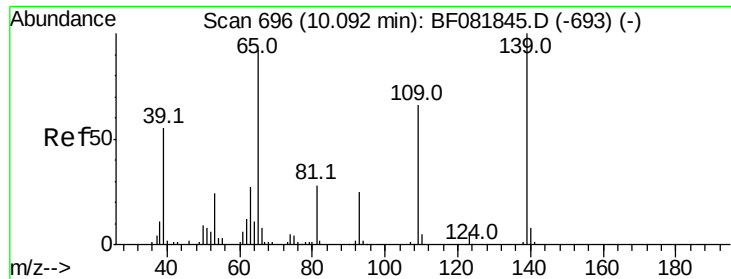
MMDadoda
 10/6/2015 2:54:03 PM



#54
 Dibenzofuran
 Concen: 37.55 ng
 RT: 10.14 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	715434		
139	37.9	24.2	36.2	
169	13.7	10.6	15.8	





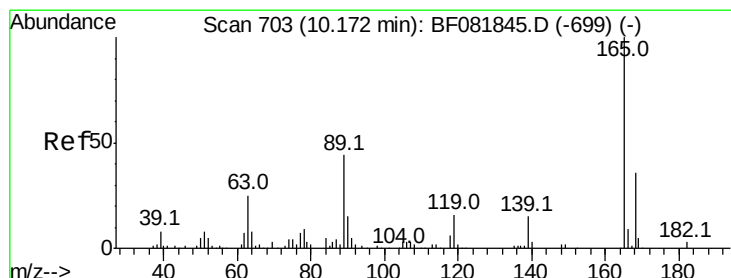
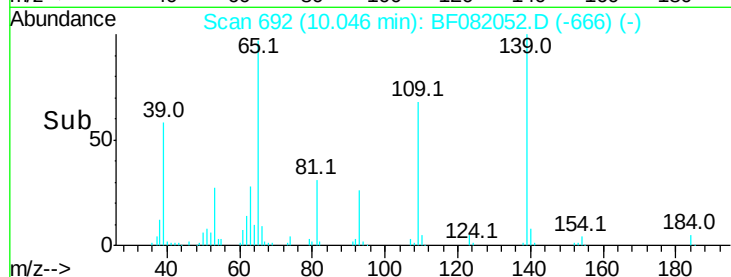
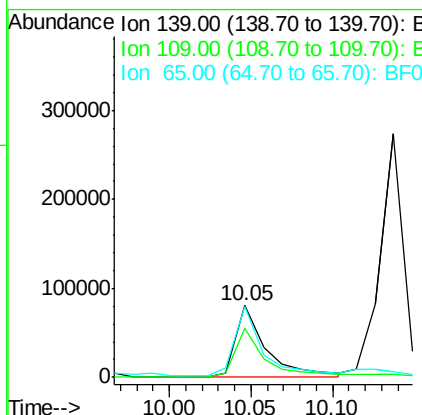
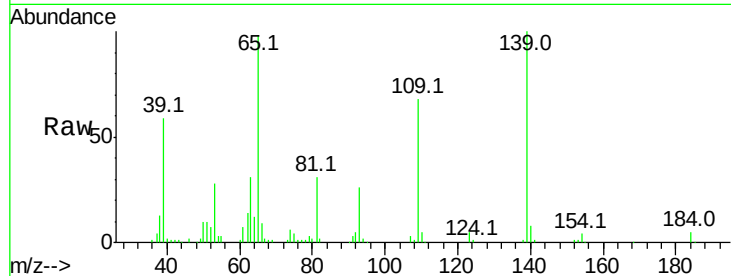
#55
4-Nitrophenol
Concen: 36.41 ng
RT: 10.05 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.3	12.7	52.7#	
65	97.9	45.9	85.9#	

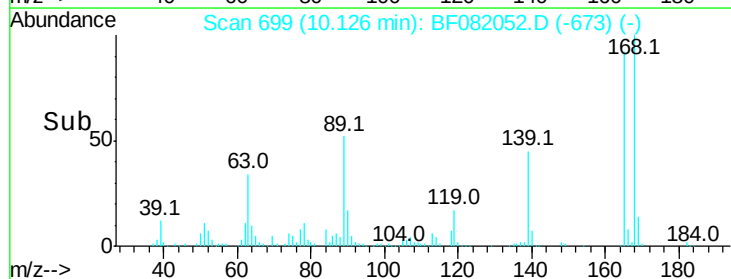
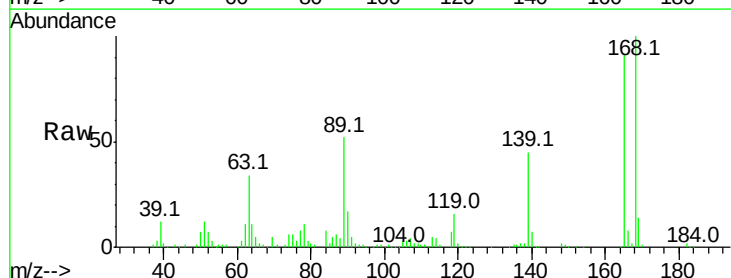
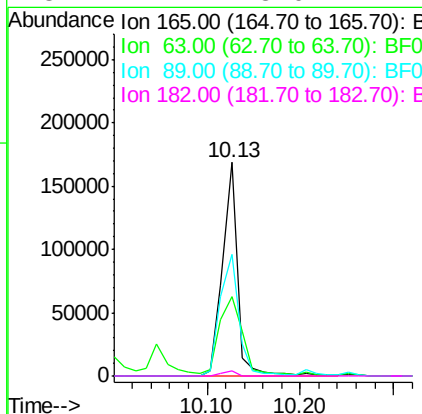
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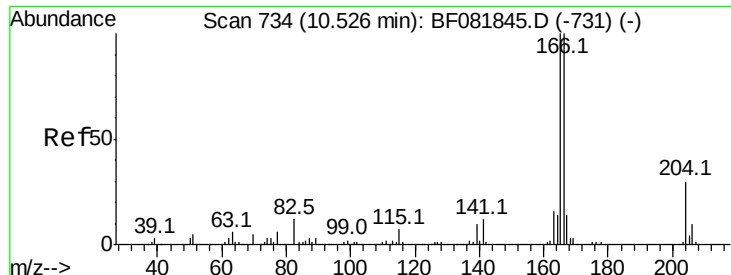
MMDadoda
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#56
2,4-Dinitrotoluene
Concen: 42.71 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.5	29.8	44.6	
89	56.7	44.5	66.7	
182	2.2	3.0	4.4#	





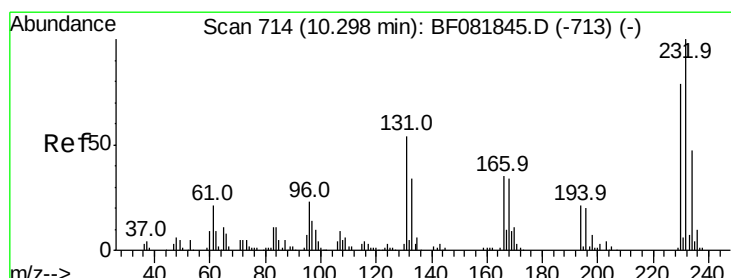
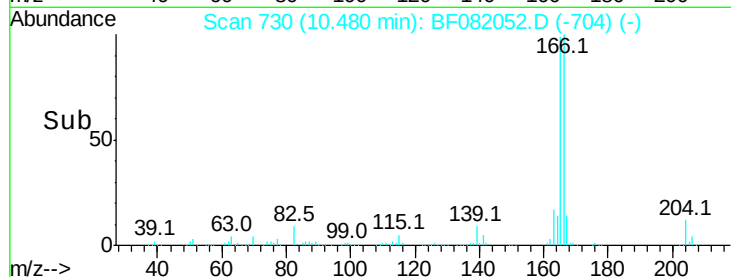
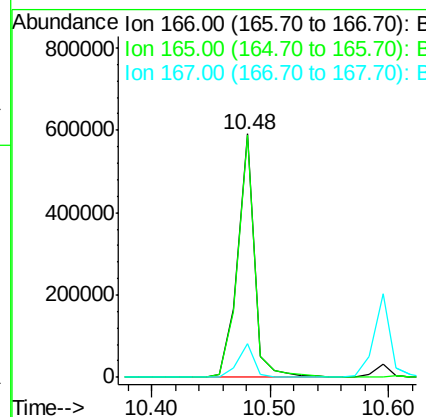
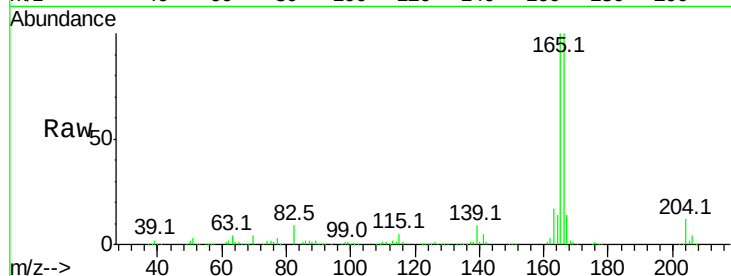
#57
Fluorene
Concen: 43.02 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	587474		
165	99.7	72.6	109.0	
167	13.6	10.6	16.0	

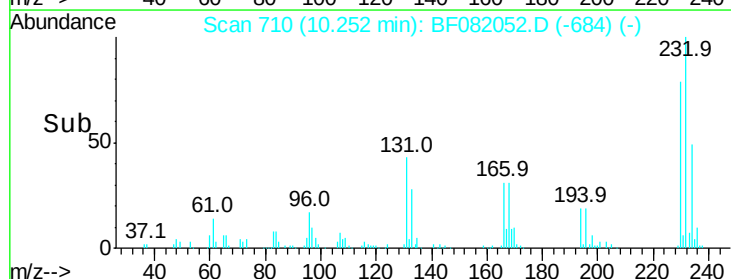
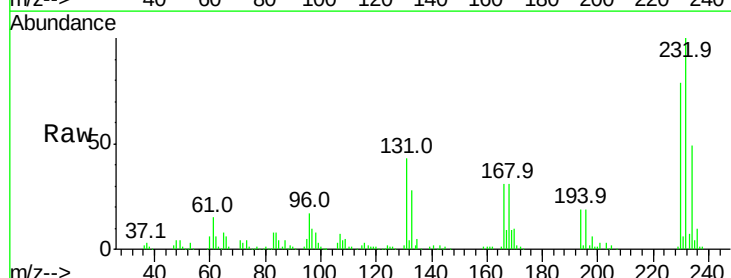
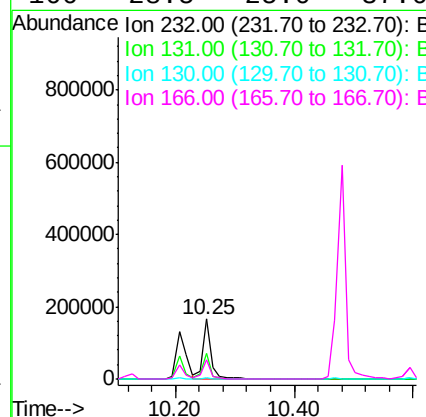
Manual Integrations
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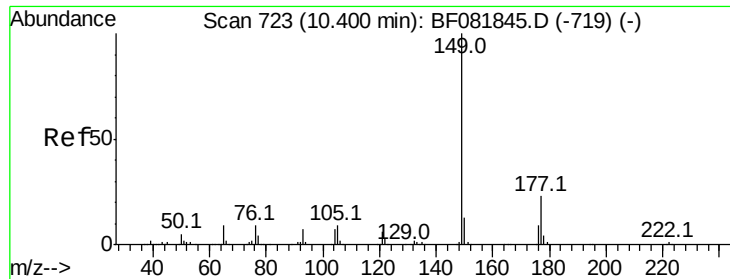
MMDadoda
10/6/2015 2:54:03 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 42.16 ng
RT: 10.25 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	169491		
131	41.6	38.5	57.7	
130	1.9	1.8	2.6	
166	28.5	25.0	37.6	





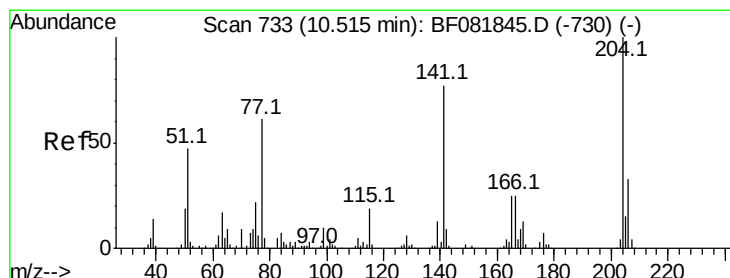
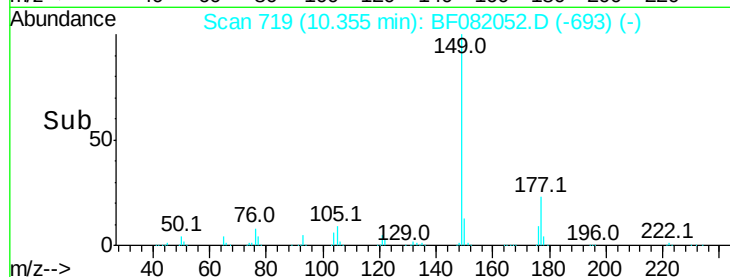
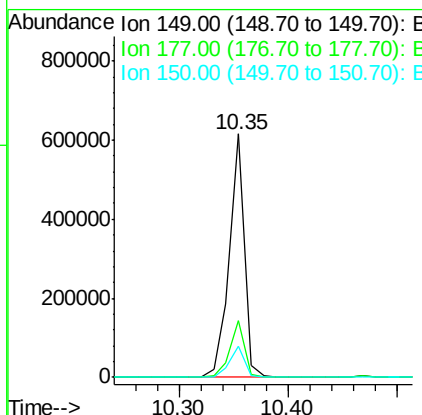
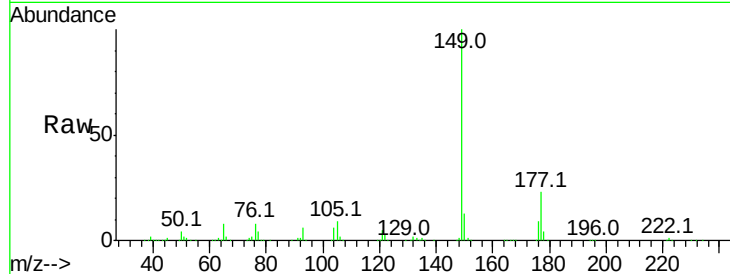
#59
Diethylphthalate
Concen: 39.17 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	591361		
177	23.3	17.5	26.3	
150	12.8	9.4	14.2	

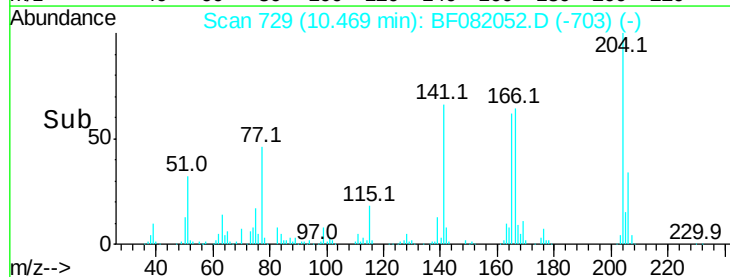
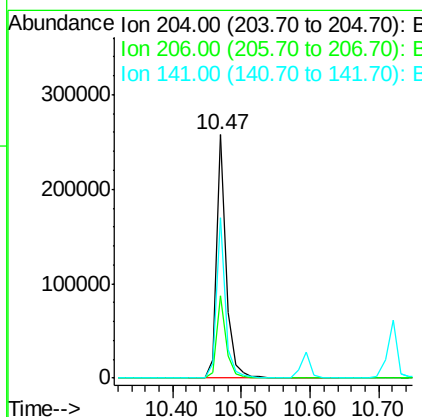
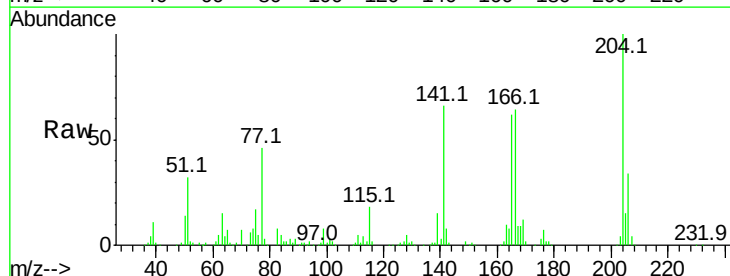
Manual Integrations
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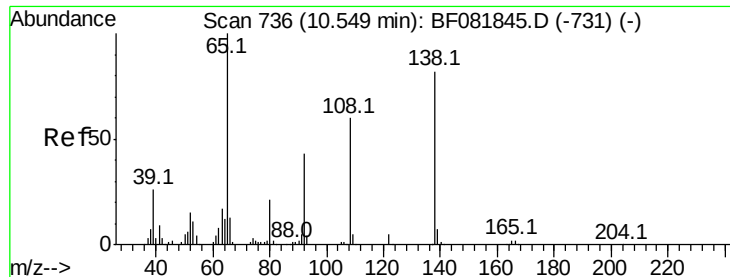
MMDadoda
10/6/2015 2:54:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.75 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	256335		
206	33.7	24.8	37.2	
141	65.9	42.2	63.4	





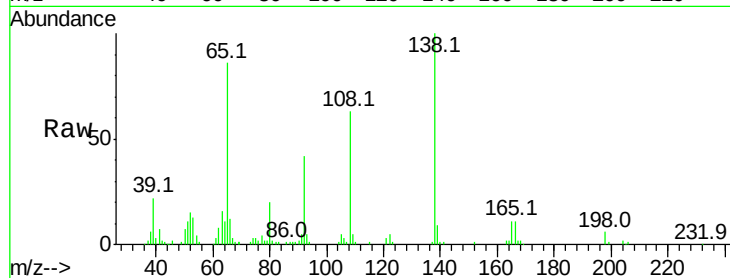
#61
4-Nitroaniline
Concen: 41.24 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	41.7	12.6	52.6	
108	62.6	12.4	52.4	

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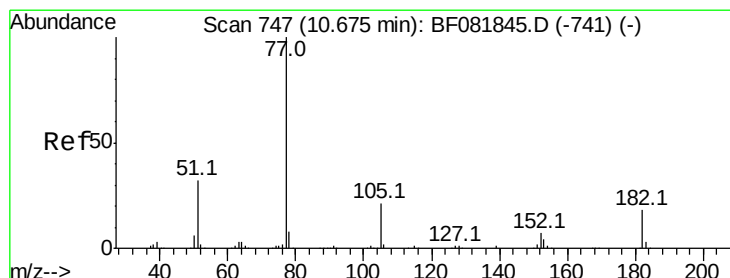
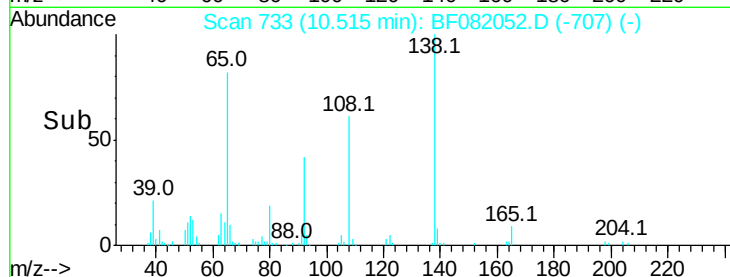
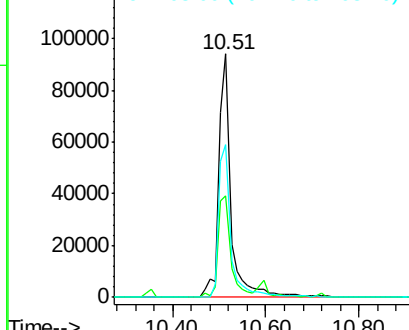


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 37.10 ng
RT: 10.63 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	22.1	15.1	55.1	
105	22.3	3.4	43.4	
51	30.9	12.0	52.0	

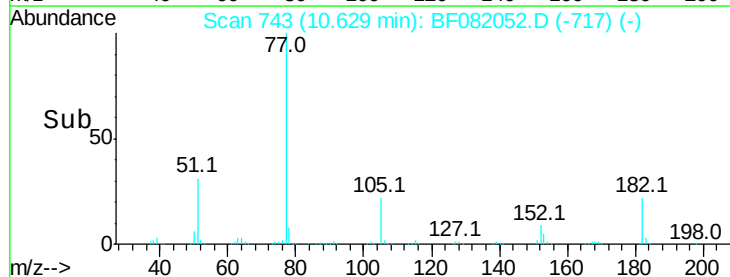
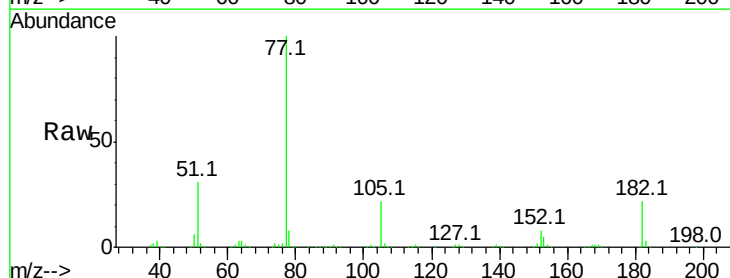
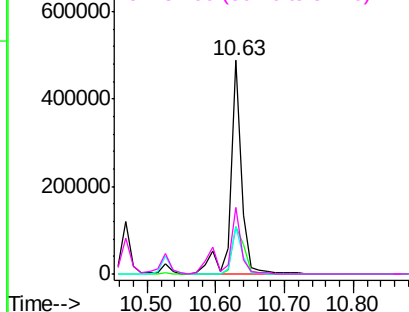
Abundance

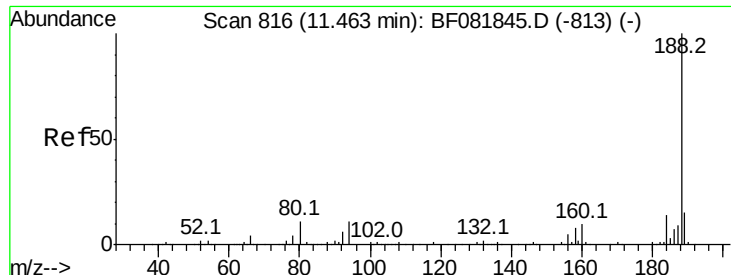
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





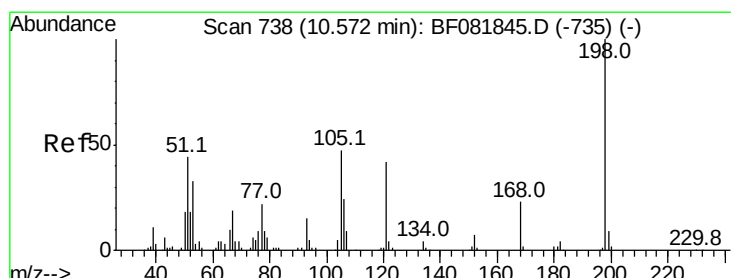
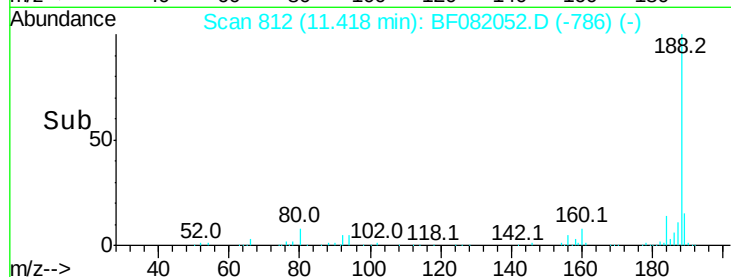
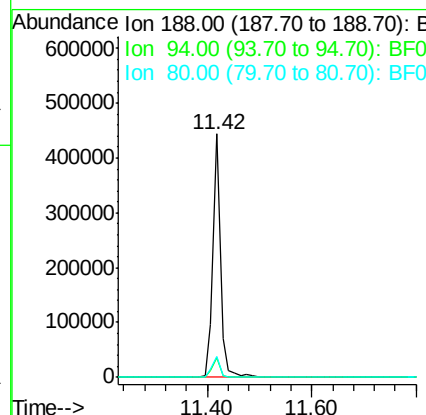
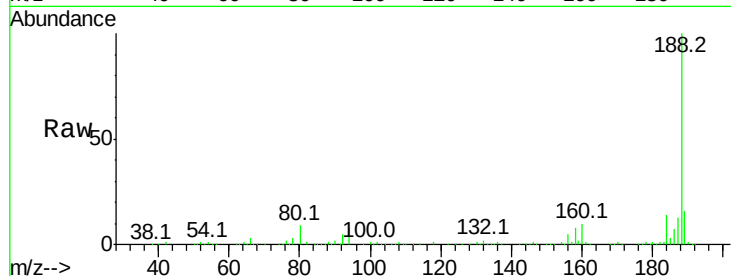
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.2	11.1	16.7#	
80	8.6	11.0	16.4#	

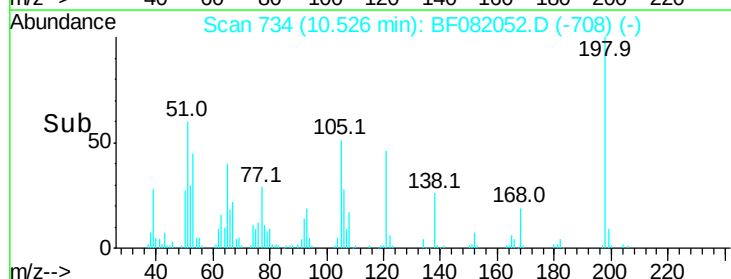
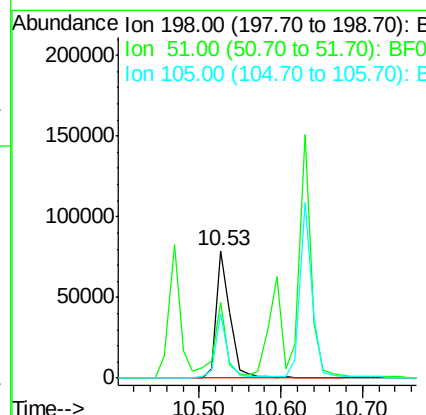
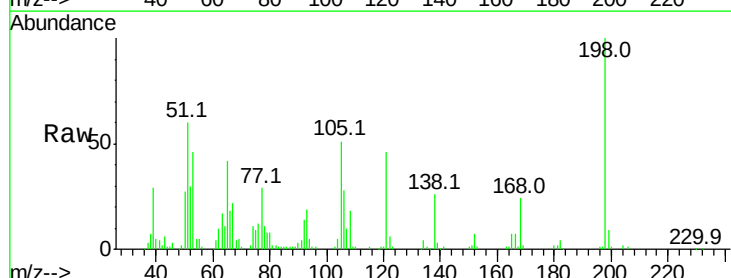
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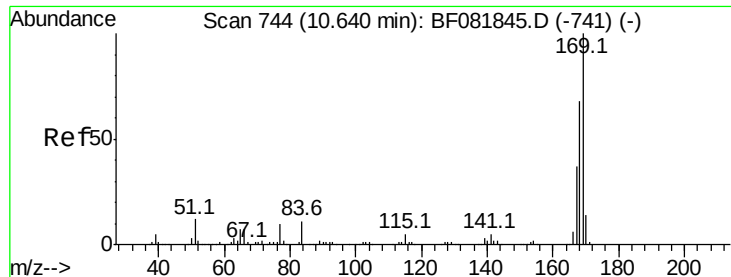
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.00 ng
 RT: 10.53 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	59.8	39.6	79.6	
105	51.0	28.5	68.5	





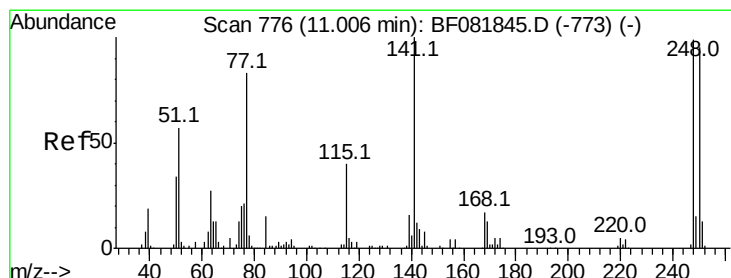
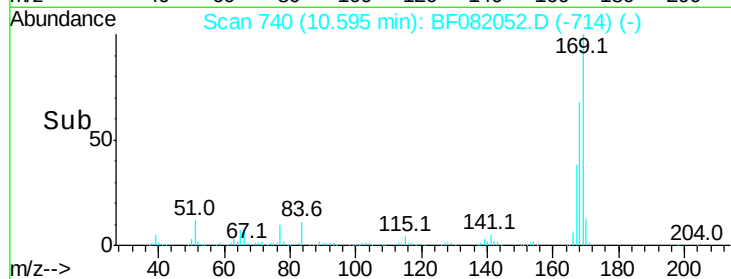
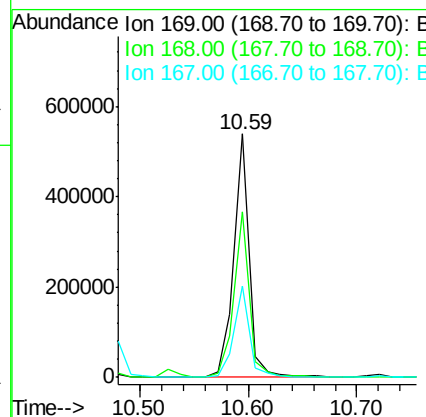
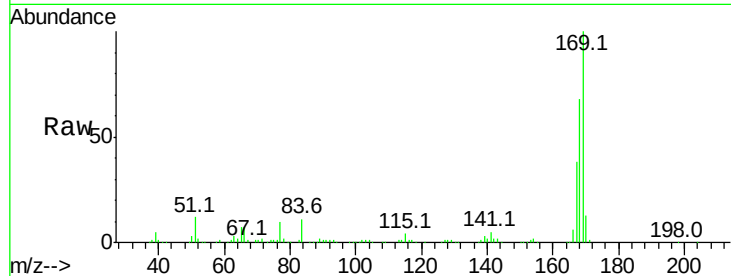
#65
n-Nitrosodiphenylamine
Concen: 39.18 ng
RT: 10.59 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	530856		
168	68.0		48.9	73.3
167	37.5		26.2	39.4

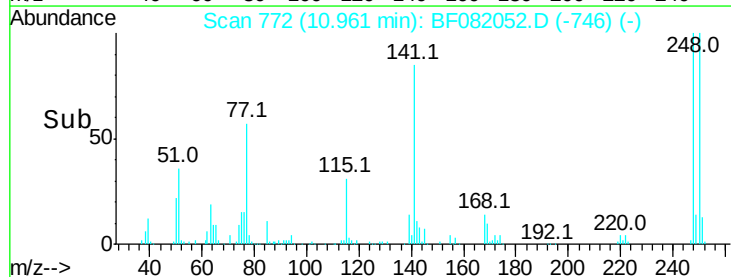
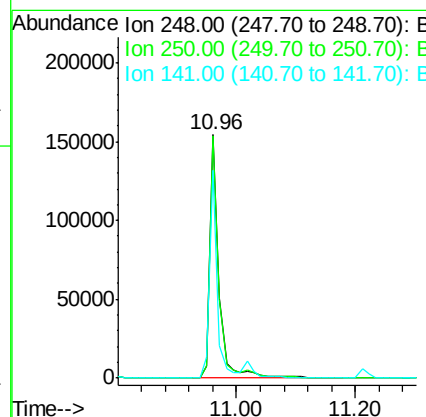
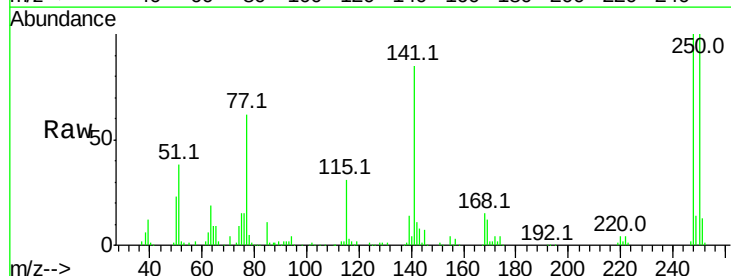
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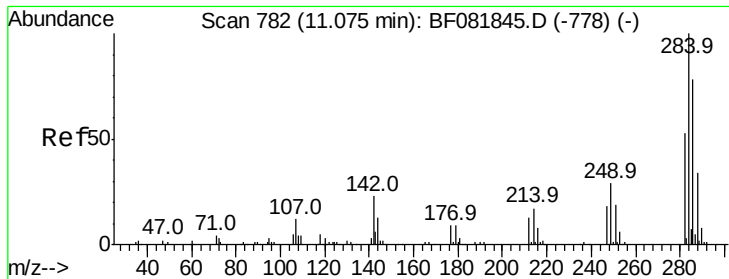
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#66
4-Bromophenyl-phenylether
Concen: 37.59 ng
RT: 10.96 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	169734		
250	99.5		78.5	117.7
141	85.4		59.0	88.6





#67

Hexachlorobenzene

Concen: 35.09 ng

RT: 11.03 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

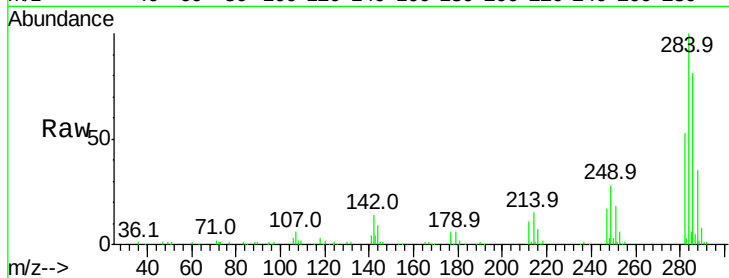
ClientSampleId :

SSTDCCC040

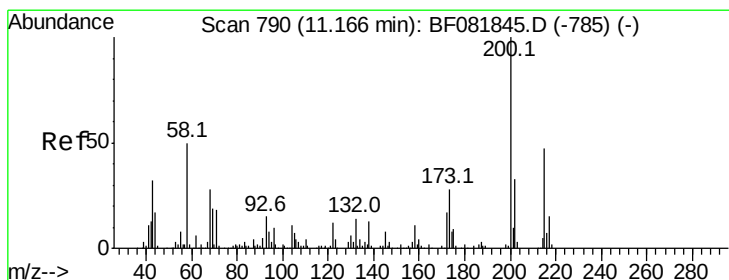
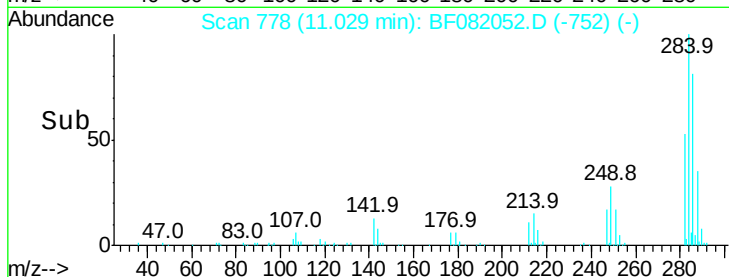
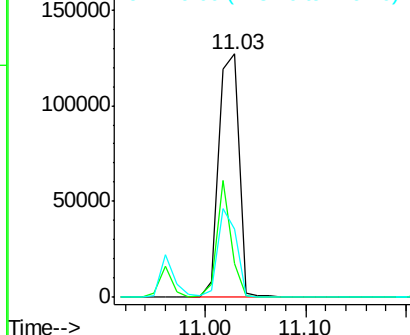
Tot Ion:	284	Resp:	178799
Ion Ratio		Lower	Upper
284	100		
142	13.7	29.5	44.3#
249	28.0	19.5	29.3

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



#68

Atrazine

Concen: 39.83 ng

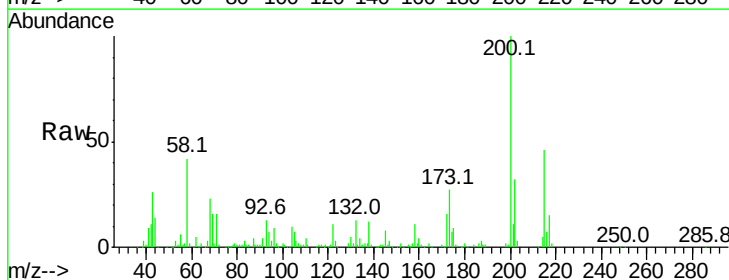
RT: 11.12 min Scan# 786

Delta R.T. -0.00 min

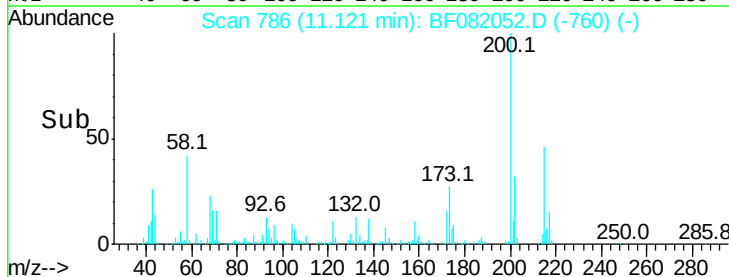
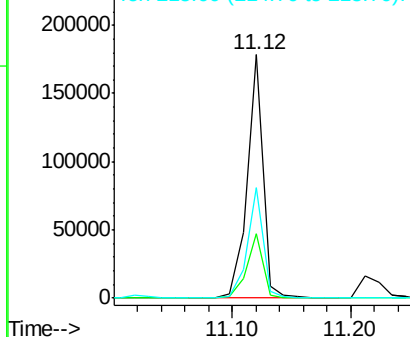
Lab File: BF082052.D

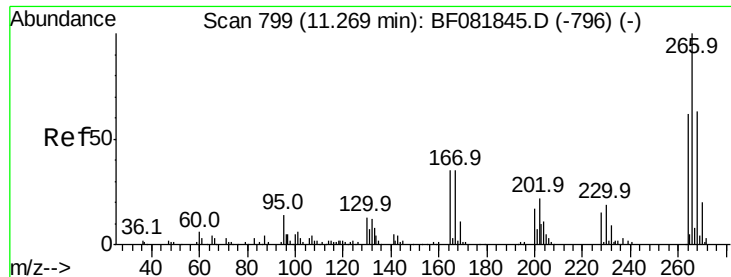
Acq: 5 Oct 2015 18:56

Tgt Ion:	200	Resp:	167459
Ion Ratio		Lower	Upper
200	100		
173	26.7	13.2	53.2
215	45.6	41.8	81.8



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





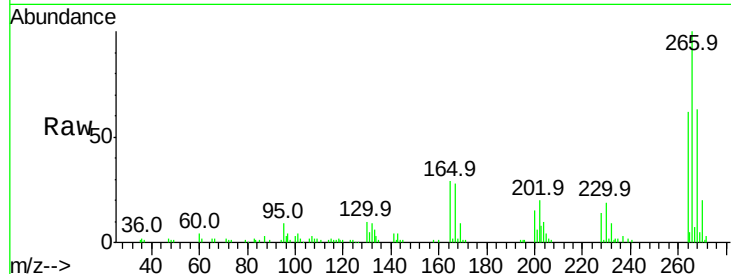
#69
 Pentachlorophenol
 Concen: 37.69 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

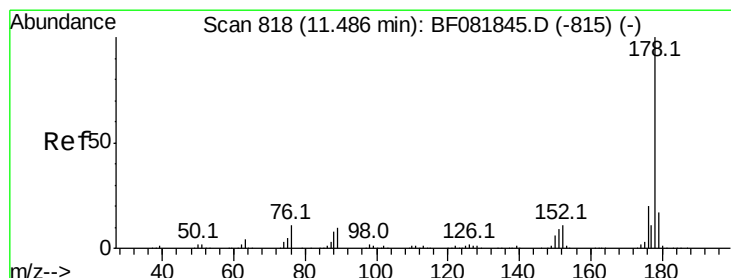
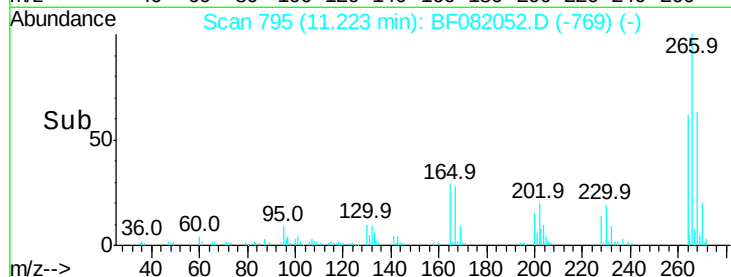
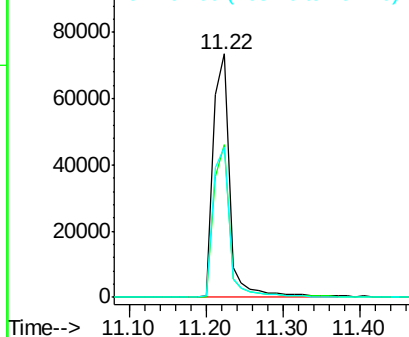
Tot Ion	Ratio	Resp	Lower	Upper
266	100	109438		
268	62.7	49.8	74.6	
264	61.7	50.2	75.2	

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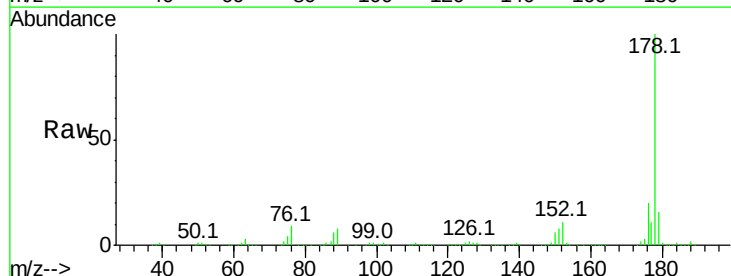


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

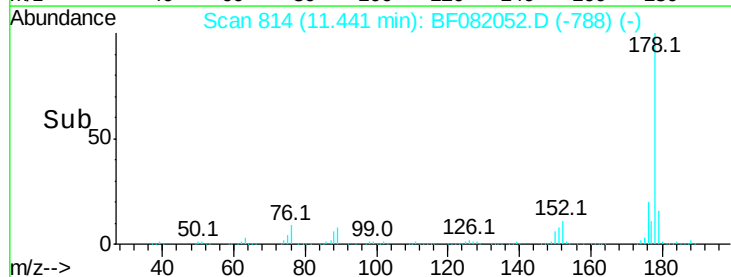
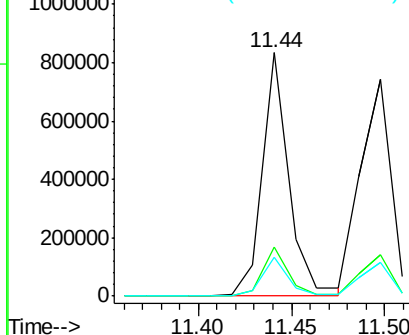


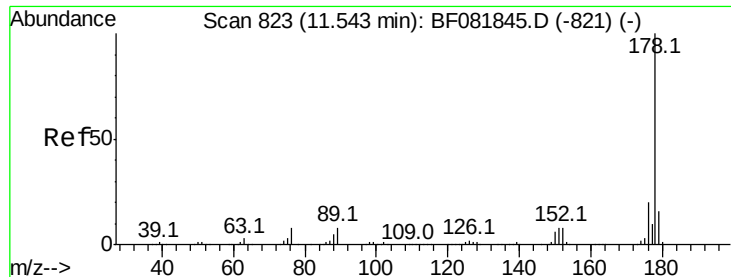
#70
 Phenanthrene
 Concen: 37.75 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	819289		
176	20.0	13.8	20.8	
179	15.8	12.2	18.2	



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





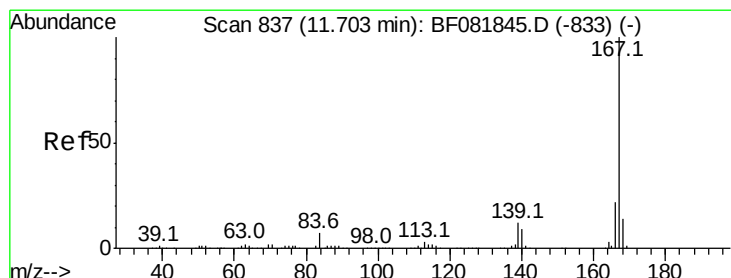
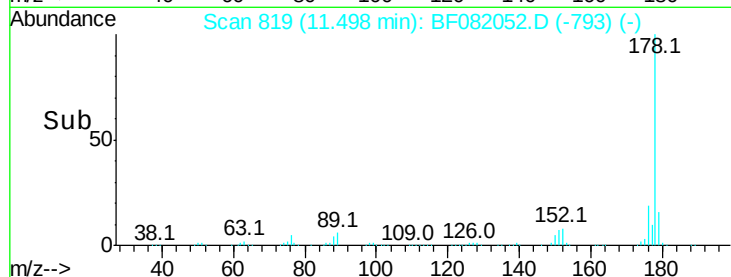
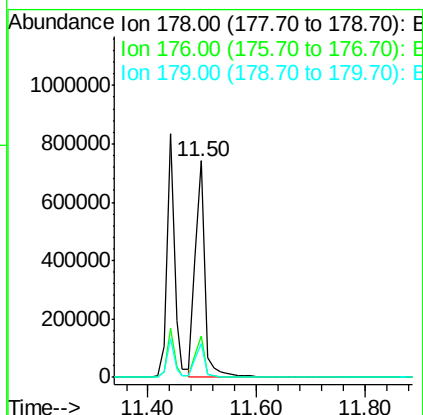
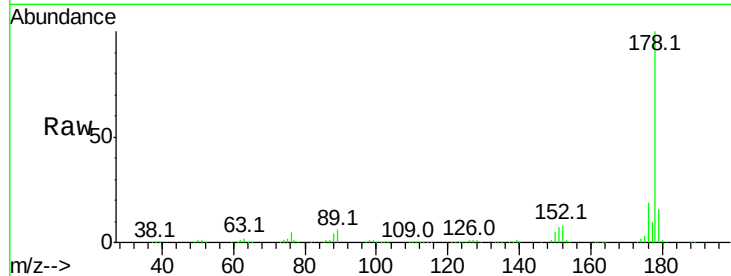
#71
 Anthracene
 Concen: 39.85 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	15.7	12.2	18.2

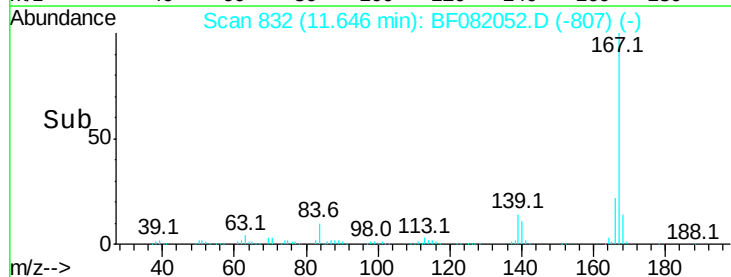
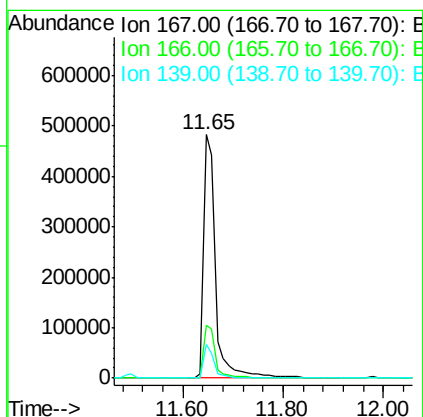
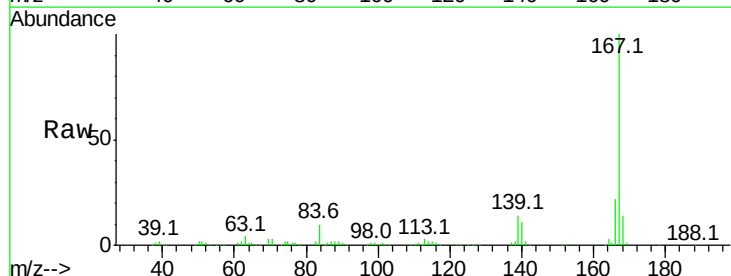
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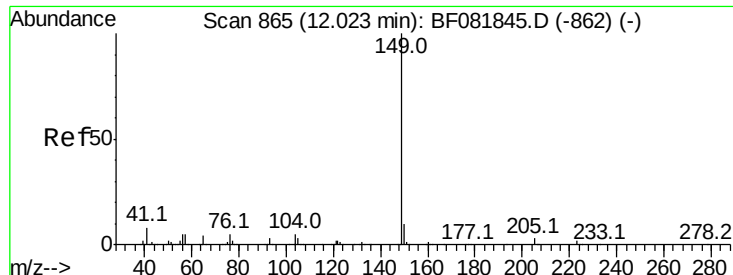
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#72
 Carbazole
 Concen: 38.70 ng
 RT: 11.65 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	15.7	23.5
139	13.9	9.5	14.3





#73

Di-n-butylphthalate

Concen: 41.60 ng

RT: 11.98 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

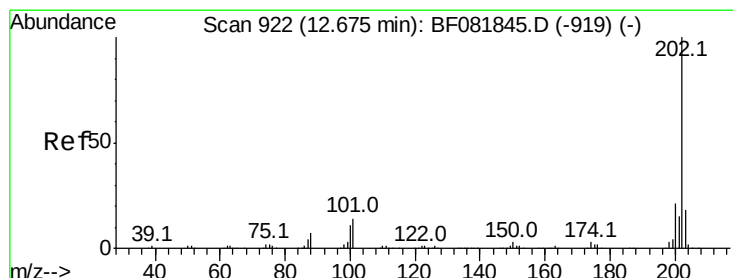
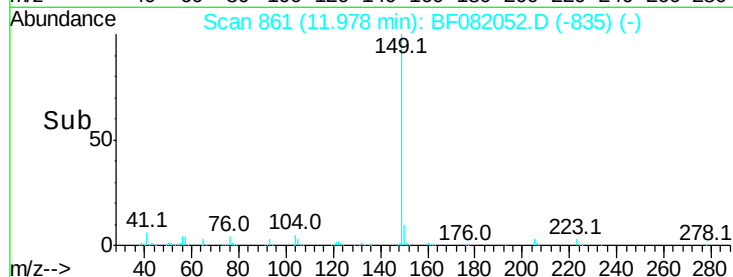
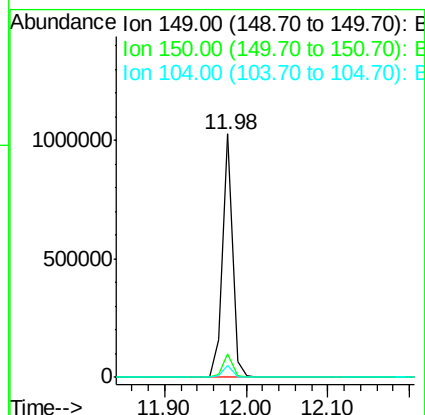
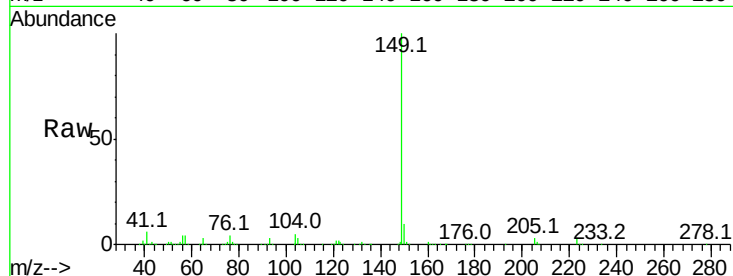
ClientSampleId :

SSTDCCC040

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Tot Ion:	149	Resp:	874975
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.2
104	4.7	2.4	3.6#



#74

Fluoranthene

Concen: 37.50 ng

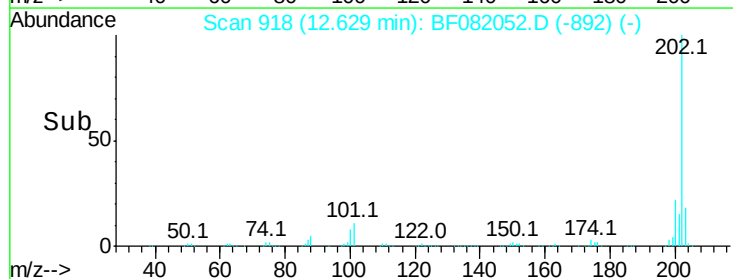
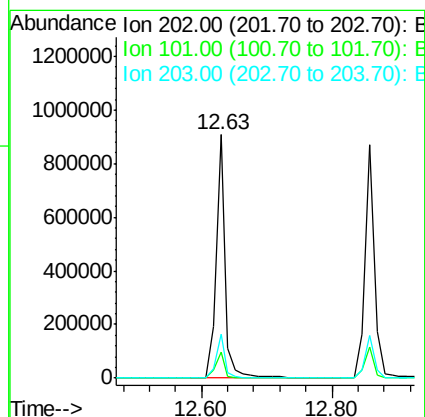
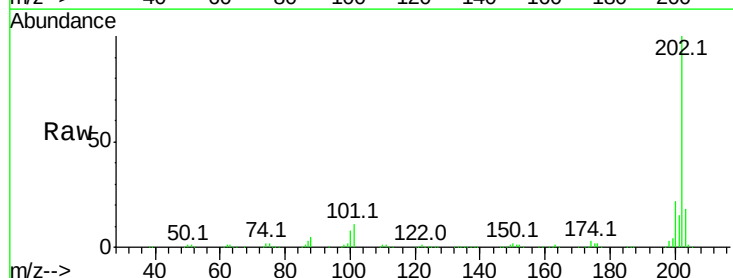
RT: 12.63 min Scan# 918

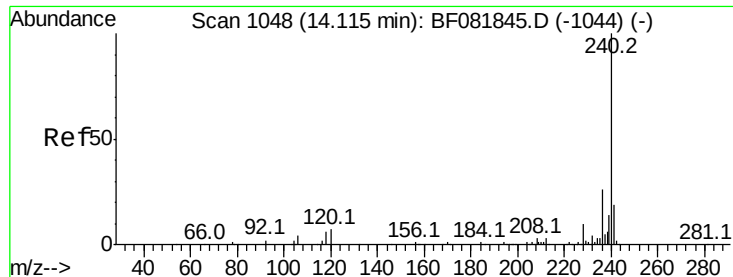
Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion:	202	Resp:	899526
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	38.3
203	18.1	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

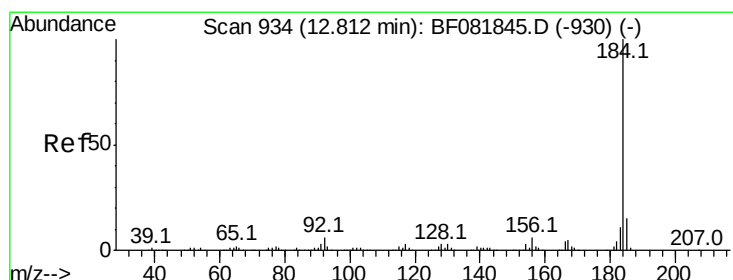
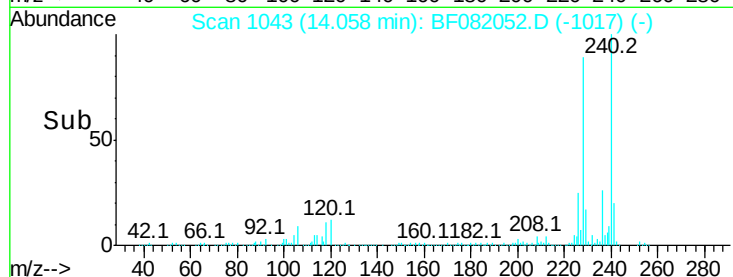
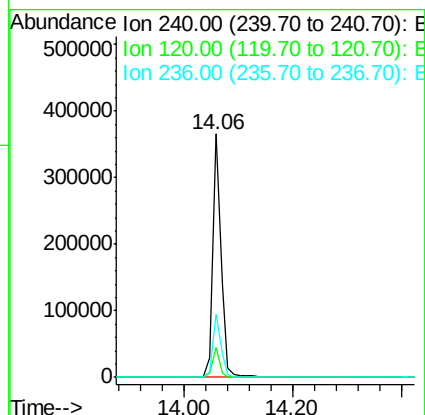
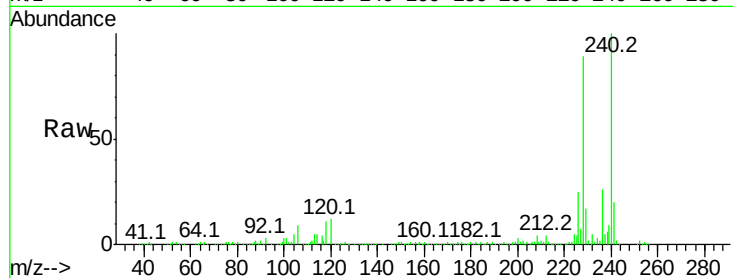
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	392574
Ion Ratio	Lower	Upper	
240	100		
120	12.4	16.2	24.2#
236	25.9	18.4	27.6

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#76

Benzidine

Concen: 41.26 ng

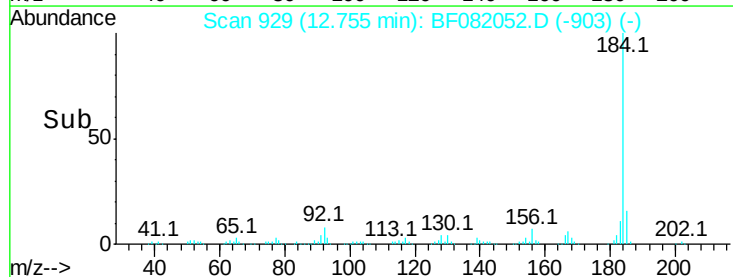
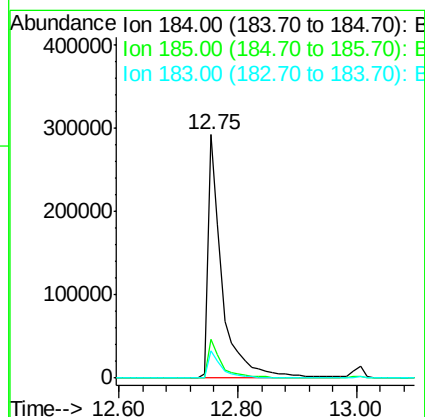
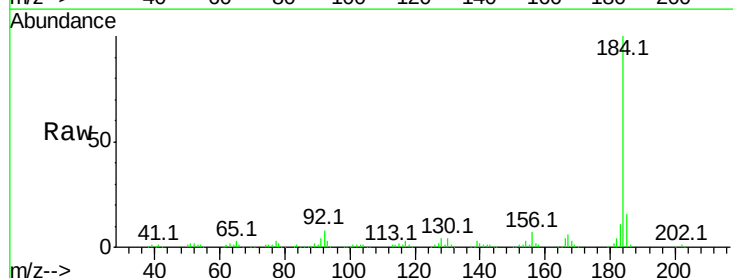
RT: 12.75 min Scan# 929

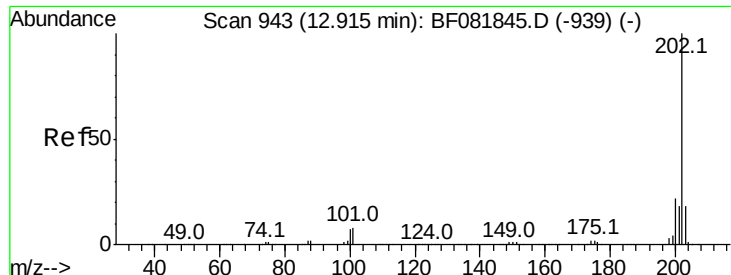
Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion:	184	Resp:	487988
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.8	17.6
183	11.2	7.6	11.4





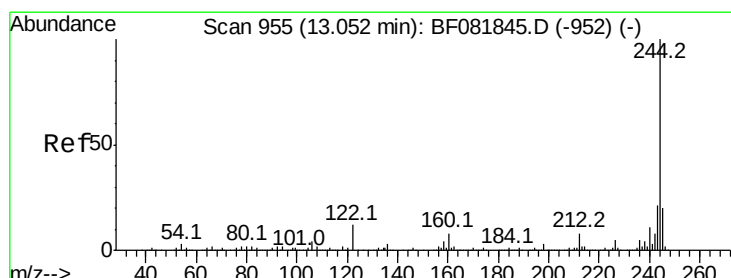
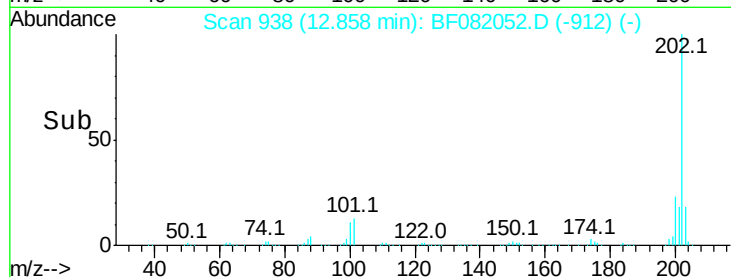
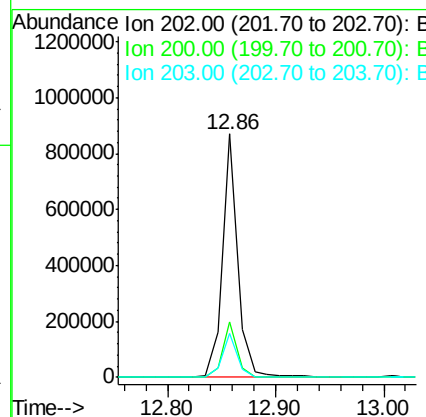
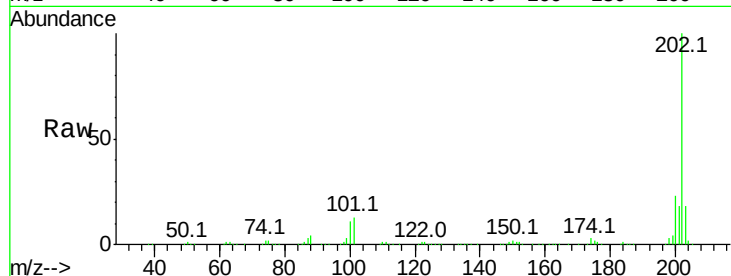
#77
Pvrene
Concen: 36.91 ng/mL
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.5	15.0	22.4#
203	18.0	14.1	21.1

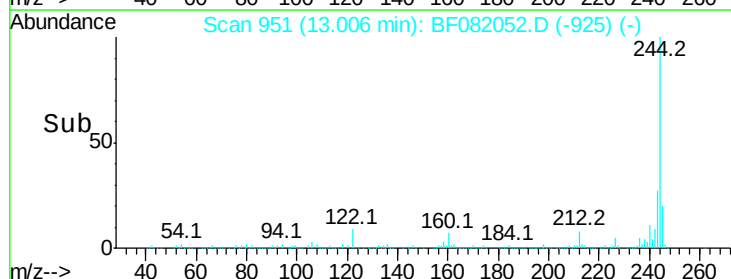
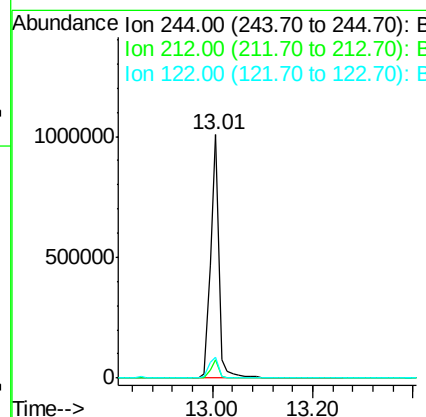
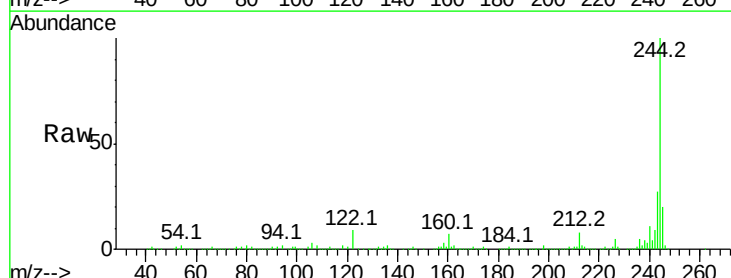
Manual Integrations
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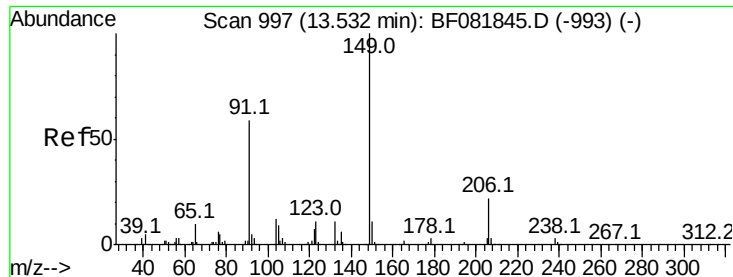
MMDadoda
10/6/2015 2:54:03 PM



#78
Terphenyl-d14
Concen: 97.86 ng/mL
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	8.6	17.4	26.2#





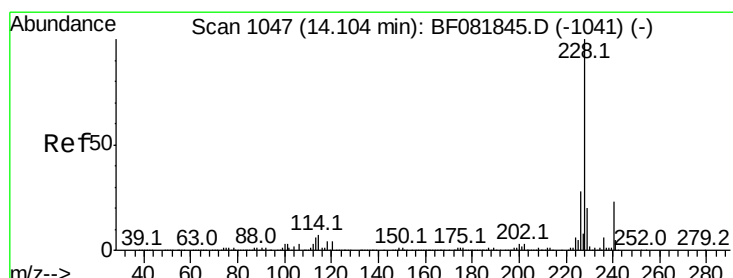
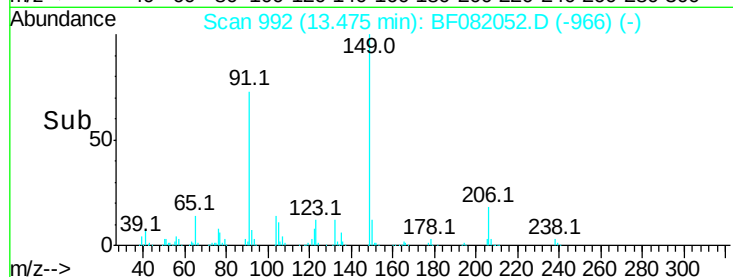
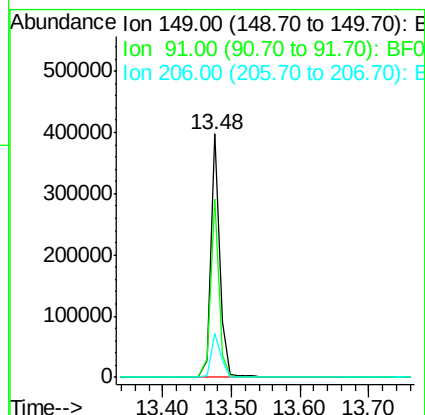
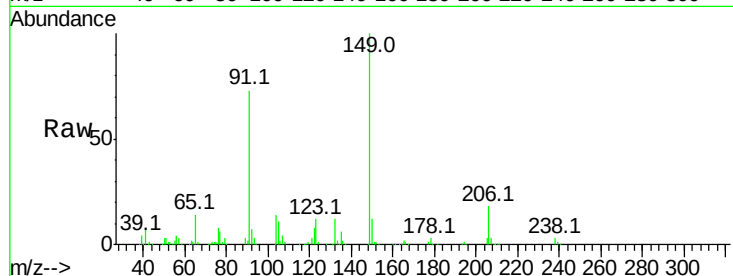
#79
Butylbenzylphthalate
Concen: 41.55 ng
RT: 13.48 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	366692		
91	73.4	48.6	72.8#	
206	18.2	14.9	22.3	

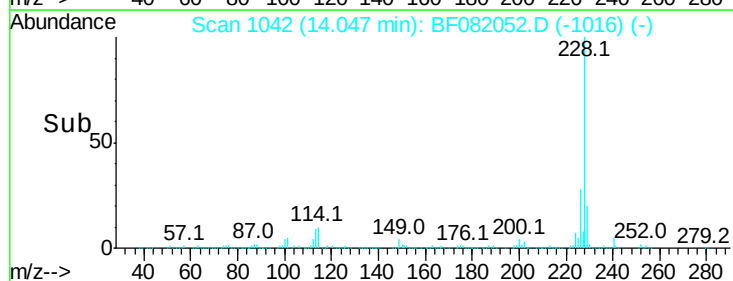
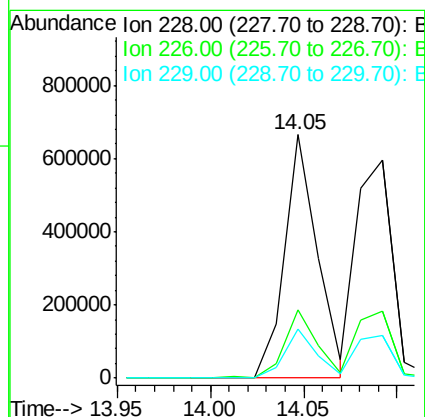
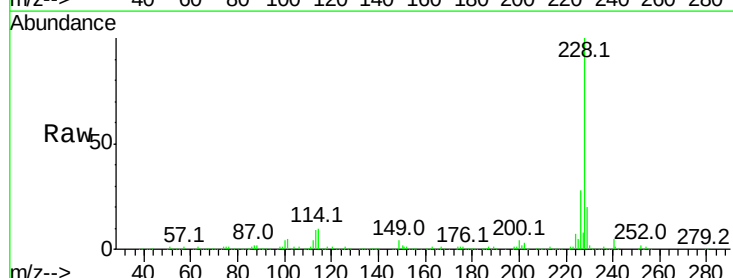
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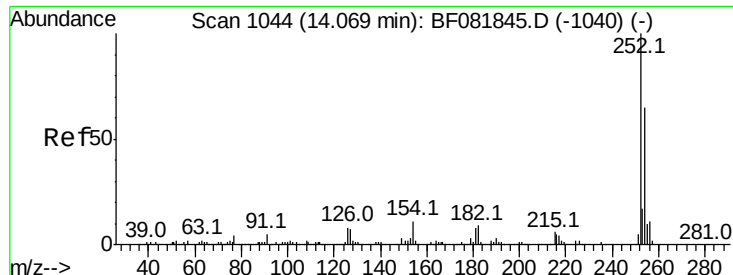
MMDadoda
10/6/2015 2:54:03 PM



#80
Benzo(a)anthracene
Concen: 38.69 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	817814		
226	28.2	20.0	30.0	
229	20.3	15.4	23.2	





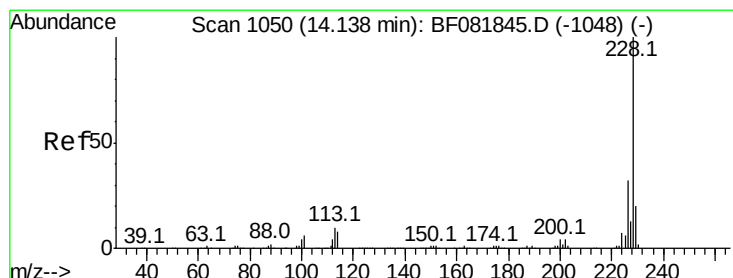
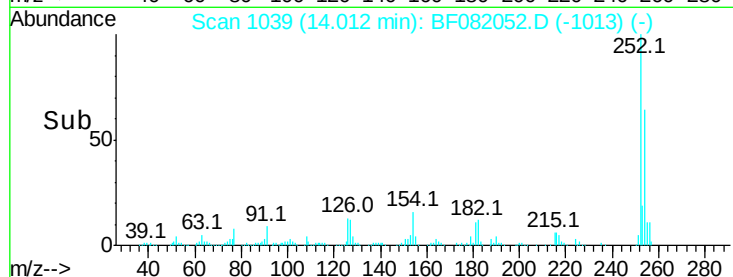
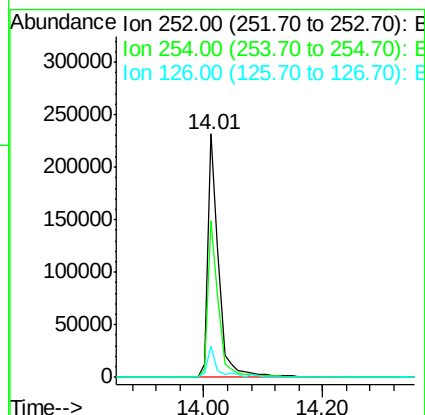
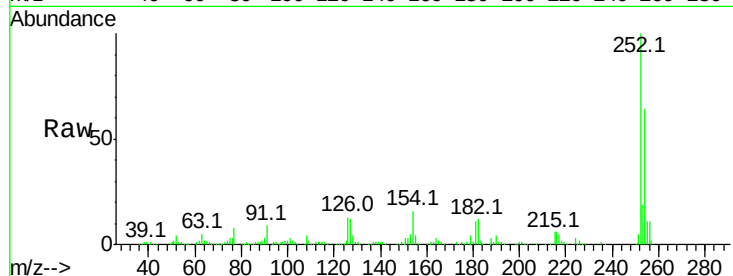
#81
 3,3'-Dichlorobenzidine
 Concen: 41.68 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	51.4	77.2
126	12.7	16.4	24.6

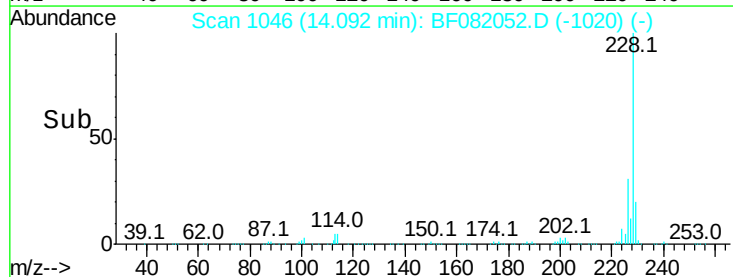
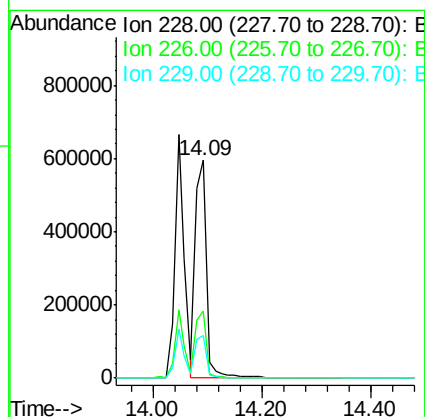
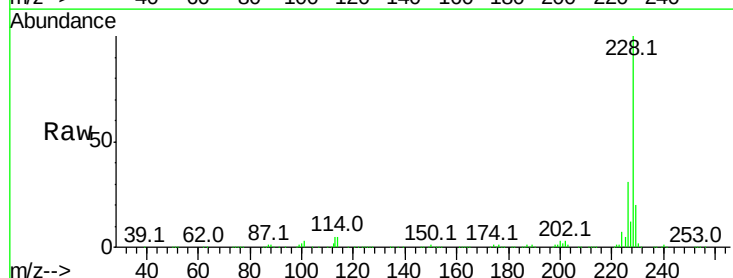
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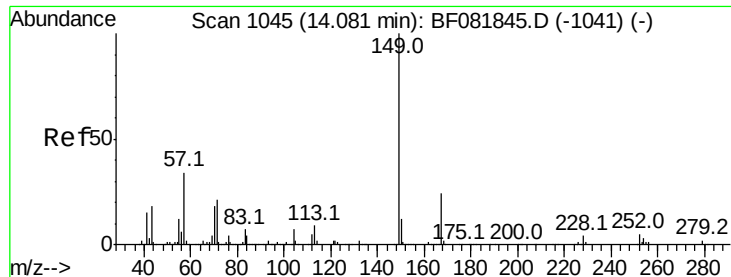
MMDadoda
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#82
 Chrysene
 Concen: 46.52 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	21.0	31.4
229	19.9	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.20 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 511478

Ion Ratio Lower Upper

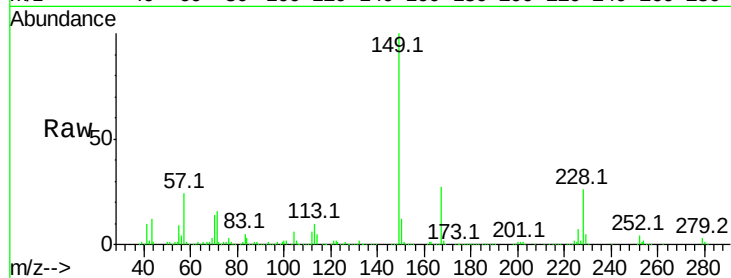
149 100

167 27.1 24.2 36.2

279 3.4 3.8 5.6#

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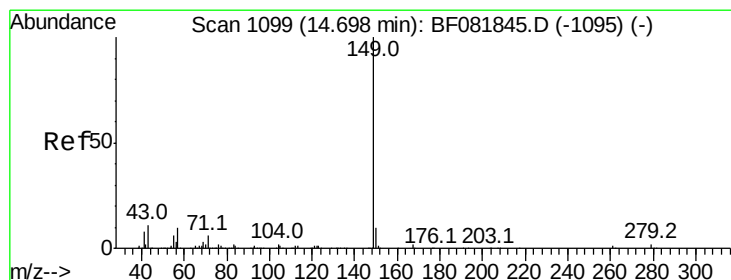
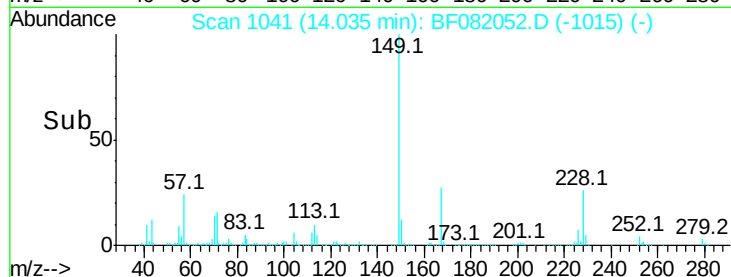
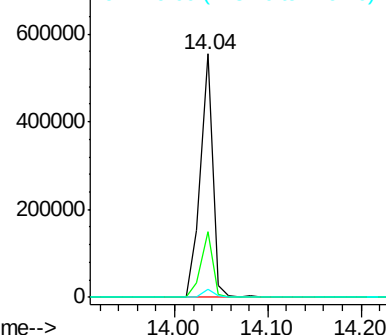
MMDadoda
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.74 ng

RT: 14.65 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion:149 Resp: 842009

Ion Ratio Lower Upper

149 100

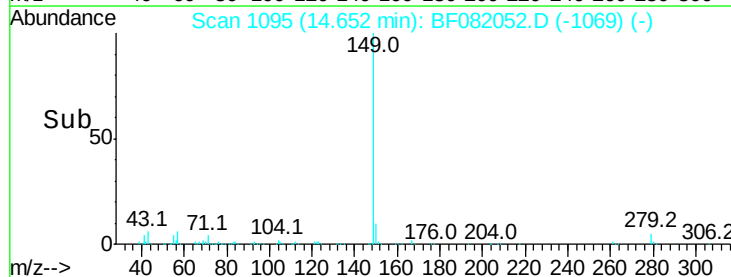
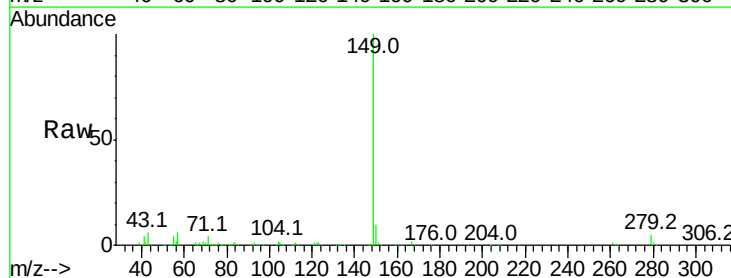
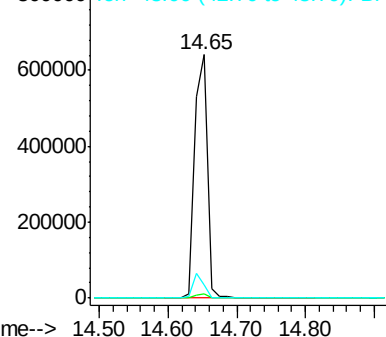
167 1.5 1.0 1.6

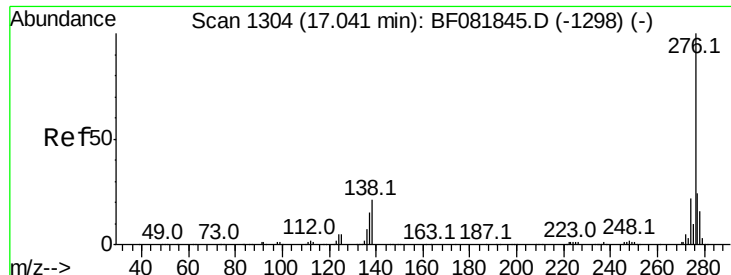
43 8.7 10.2 15.2#

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





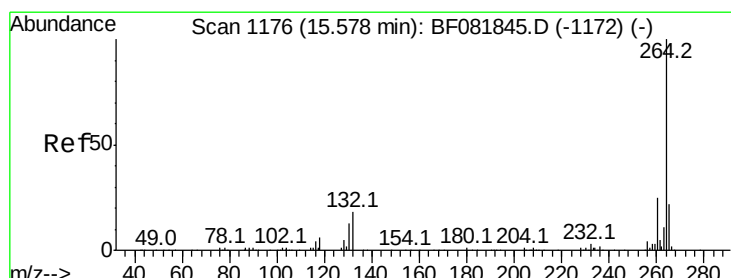
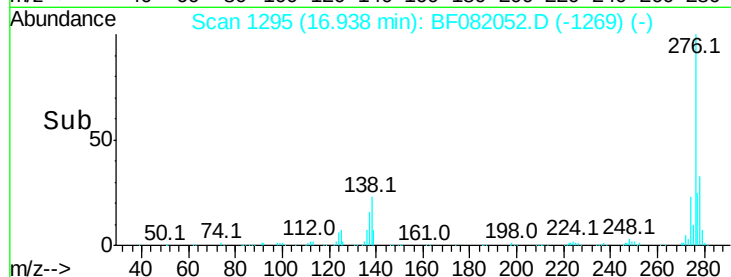
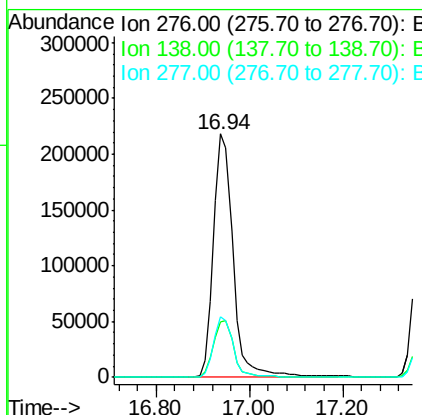
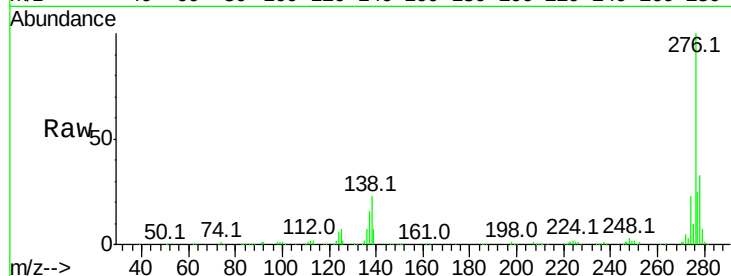
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.91 ng
 RT: 16.94 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.7	38.5#
277	25.1	15.6	23.4#

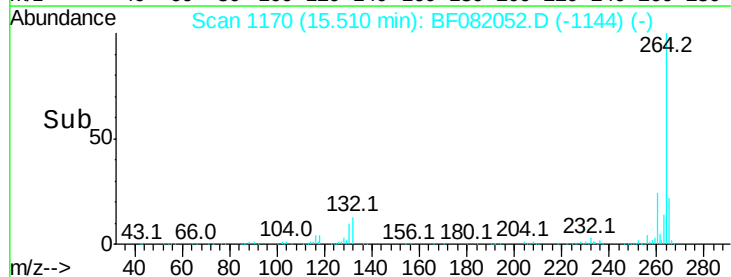
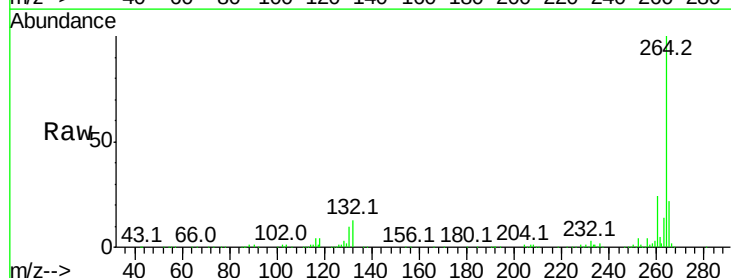
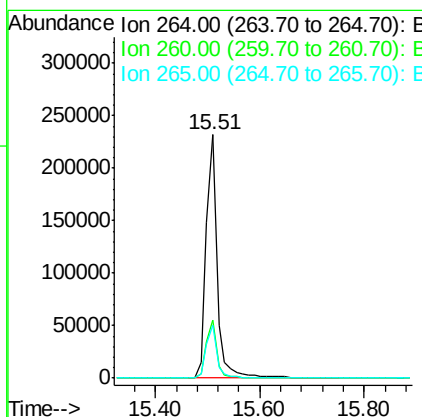
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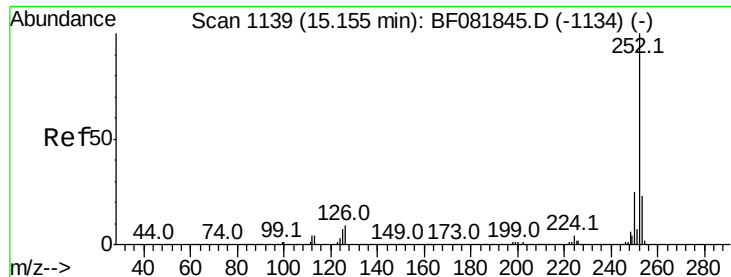
MMDadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 34.66 ng

RT: 15.09 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Instrument :

BNA_F

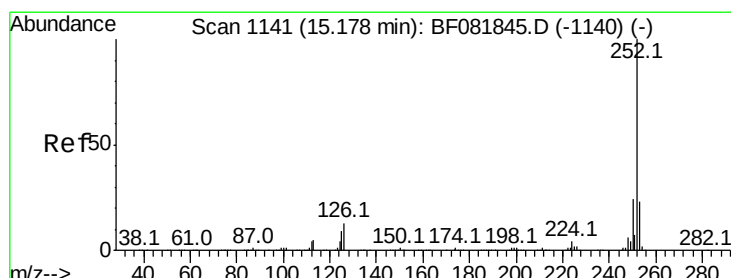
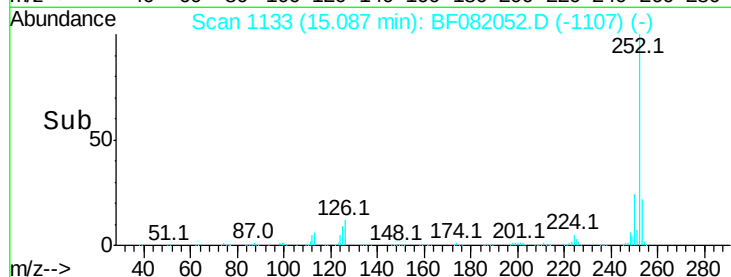
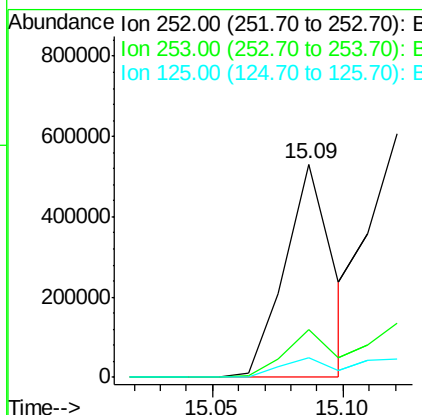
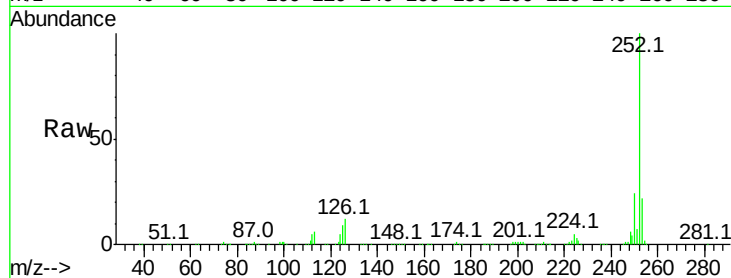
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.1	17.1	25.7#

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10/6/2015 2:54:03 PM



#88

Benzo(k)fluoranthene

Concen: 45.74 ng m

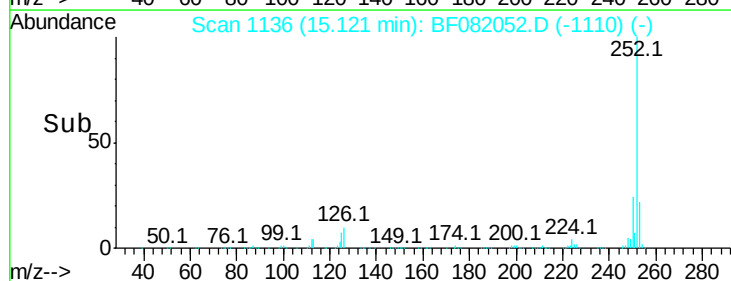
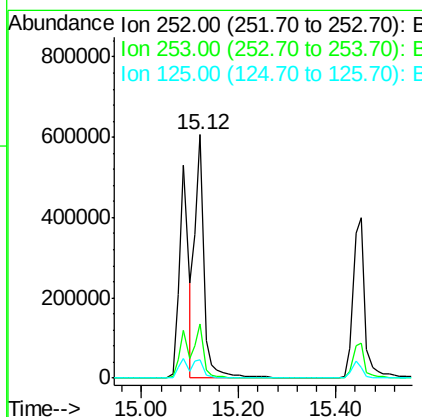
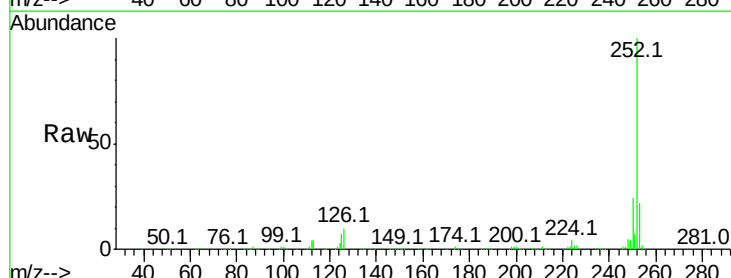
RT: 15.12 min Scan# 1136

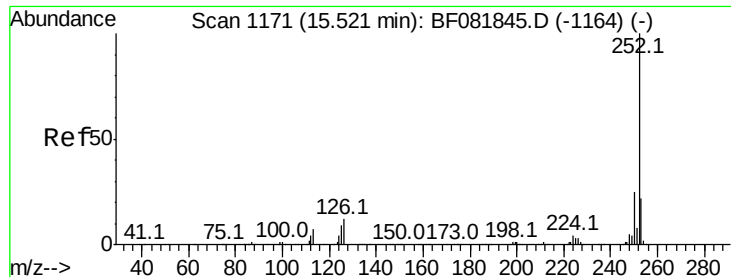
Delta R.T. -0.00 min

Lab File: BF082052.D

Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	7.4	16.0	24.0#





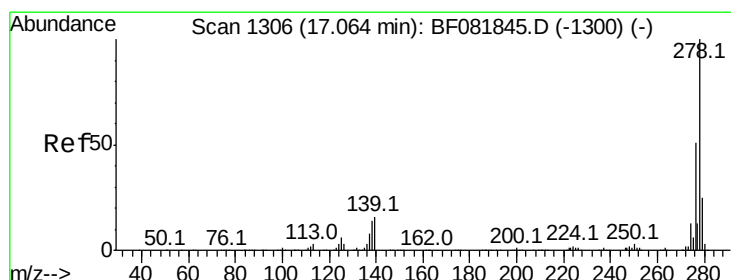
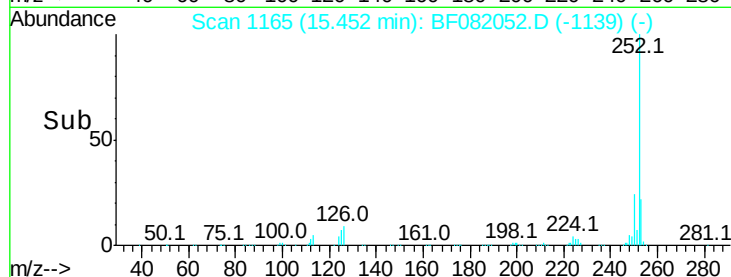
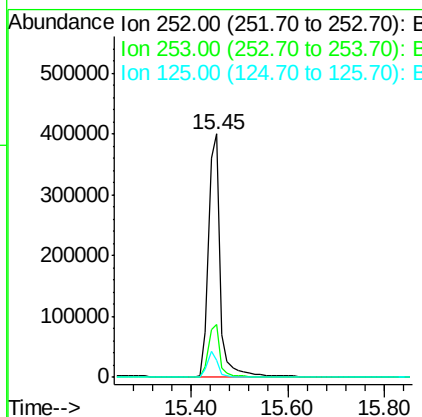
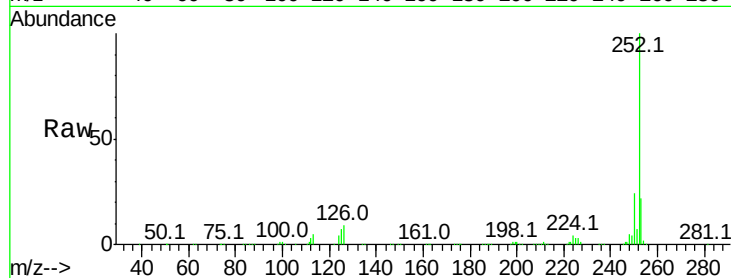
#89
Benzo(a)pyrene
Concen: 40.13 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	7.0	18.0	27.0

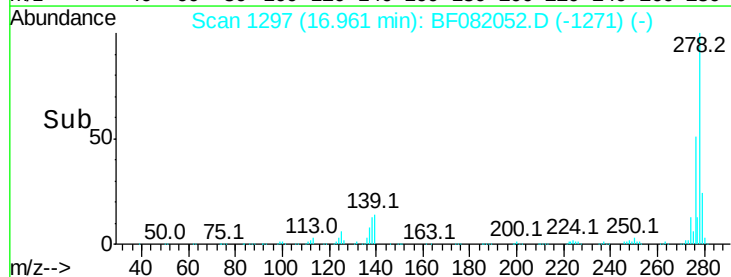
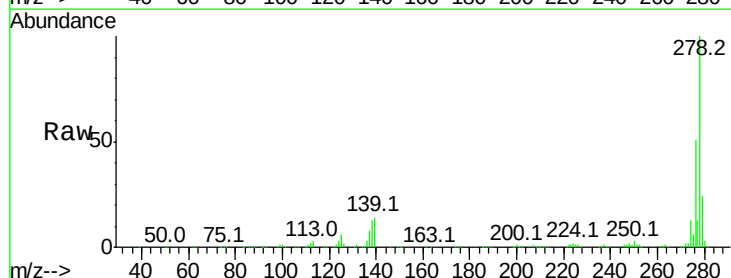
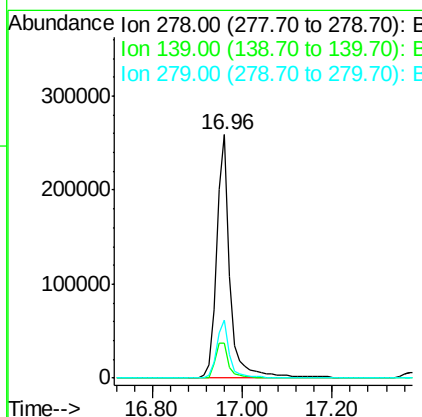
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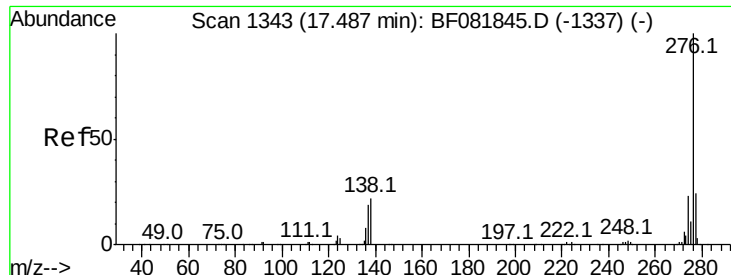
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#90
Dibenzo(a,h)anthracene
Concen: 37.36 ng
RT: 16.96 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF082052.D
Acq: 5 Oct 2015 18:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	26.3	39.5
279	23.9	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 34.95 ng
 RT: 17.37 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF082052.D
 Acq: 5 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	509078
Ion Ratio	Lower	Upper	
276	100		
277	24.2	17.8	26.6
138	21.9	34.6	51.8#

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 10/6/2015 2:54:03 PM

