

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082020.D
 Acq On : 3 Oct 2015 14:28
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:29:29 PM

Quant Time: Oct 05 01:32:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	114424	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	449653	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	226689	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	480951	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	450455	20.00	ng	-0.03
86) Perylene-d12	15.54	264	338974	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	475835	75.49	ng	-0.04
7) Phenol-d6	6.51	99	573527	72.31	ng	-0.05
23) Nitrobenzene-d5	7.46	82	561583	83.25	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	187748	81.78	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1076759	78.27	ng	-0.05
78) Terphenyl-d14	13.02	244	1124631	79.11	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.46	88	108477	39.57	ng	84
3) Pyridine	3.19	79	275070	38.54	ng	86
4) n-Nitrosodimethylamine	3.15	42	114471	35.31	ng	98
6) Aniline	6.55	93	396583	37.22	ng	# 89
8) 2-Chlorophenol	6.67	128	260161	37.38	ng	94
9) Benzaldehyde	6.43	77	155433	29.93	ng	# 80
10) Phenol	6.53	94	314638	35.36	ng	# 66
11) bis(2-Chloroethyl)ether	6.63	93	279884	40.56	ng	92
12) 1,3-Dichlorobenzene	6.82	146	304676m	37.06	ng	
13) 1,4-Dichlorobenzene	6.90	146	325060m	37.86	ng	
14) 1,2-Dichlorobenzene	7.06	146	295463	38.62	ng	99
15) Benzyl Alcohol	7.03	79	196935	34.40	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	343566	35.22	ng	82
17) 2-Methylphenol	7.14	107	223562	39.61	ng	# 86
18) Hexachloroethane	7.39	117	100773	37.49	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	173098	35.91	ng	# 78
20) 3+4-Methylphenols	7.30	107	260886	36.60	ng	# 47
22) Acetophenone	7.30	105	359118	39.06	ng	# 80
24) Nitrobenzene	7.47	77	277218	37.85	ng	# 67
25) Isophorone	7.71	82	508858	38.06	ng	# 91
26) 2-Nitrophenol	7.79	139	153351	43.62	ng	# 79
27) 2,4-Dimethylphenol	7.83	122	246830	39.91	ng	# 82
28) bis(2-Chloroethoxy)methane	7.93	93	307667	38.75	ng	# 95
29) 2,4-Dichlorophenol	8.03	162	238387	39.75	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	258031	38.54	ng	97
31) Naphthalene	8.19	128	706335	35.45	ng	97
32) Benzoic acid	7.94	122	132051	37.57	ng	# 69
33) 4-Chloroaniline	8.25	127	352681	40.94	ng	# 93
34) Hexachlorobutadiene	8.31	225	148873	37.60	ng	97
35) Caprolactam	8.63	113	69340	41.76	ng	# 79
36) 4-Chloro-3-methylphenol	8.73	107	256716	43.77	ng	87
37) 2-Methylnaphthalene	8.89	142	531874	39.11	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	259611	37.30	ng	98
40) Hexachlorocyclopentadiene	9.04	237	128742	35.92	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	171037	35.85	nq	100
43) 2,4,5-Trichlorophenol	9.21	196	204454	41.67	nq	96
45) 1,1'-Biphenyl	9.36	154	691621	39.55	nq	94
46) 2-Chloronaphthalene	9.38	162	537286	39.13	nq	95
47) 2-Nitroaniline	9.49	65	171792	42.62	nq	90
48) Acenaphthylene	9.79	152	793908	36.12	nq	96
49) Dimethylphthalate	9.67	163	641599	41.00	nq	# 97
50) 2,6-Dinitrotoluene	9.73	165	138328	40.72	nq	# 69
51) Acenaphthene	9.97	154	504357	38.64	nq	90
52) 3-Nitroaniline	9.90	138	166680	42.41	nq	# 69
53) 2,4-Dinitrophenol	10.00	184	54506	46.40	nq	# 53
54) Dibenzofuran	10.15	168	703494	38.14	nq	95
55) 4-Nitrophenol	10.06	139	108567	38.23	nq	# 68
56) 2,4-Dinitrotoluene	10.13	165	183322	42.33	nq	# 74
57) Fluorene	10.49	166	580395	43.95	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	167919m	43.15	nq	
59) Diethylphthalate	10.37	149	626209	42.84	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	274465	40.64	nq	93
61) 4-Nitroaniline	10.53	138	173701	44.08	nq	# 63
62) Azobenzene	10.64	77	587019	41.15	nq	92
64) 4,6-Dinitro-2-methylphenol	10.54	198	87965	41.63	nq	94
65) n-Nitrosodiphenylamine	10.61	169	548687	37.71	nq	93
66) 4-Bromophenyl-phenylether	10.97	248	183515	37.84	nq	98
67) Hexachlorobenzene	11.03	284	178481	32.61	nq	# 84
68) Atrazine	11.13	200	170735	37.81	nq	83
69) Pentachlorophenol	11.22	266	113639	36.44	nq	99
70) Phenanthrene	11.45	178	884727	37.96	nq	96
71) Anthracene	11.51	178	969353	39.65	nq	97
72) Carbazole	11.66	167	861252	38.93	nq	94
73) Di-n-butylphthalate	11.99	149	917527	40.59	nq	# 98
74) Fluoranthene	12.64	202	937025	36.37	nq	91
76) Benzidine	12.78	184	513325	37.82	nq	# 96
77) Pyrene	12.87	202	945942	35.15	nq	95
79) Butylbenzylphthalate	13.50	149	443715	43.82	nq	95
80) Benzo(a)anthracene	14.07	228	923567	38.08	nq	95
81) 3,3'-Dichlorobenzidine	14.04	252	318776	38.91	nq	# 94
82) Chrysene	14.10	228	807890	34.00	nq	94
83) Bis(2-ethylhexyl)phthalate	14.06	149	564455	44.44	nq	# 93
84) Di-n-octyl phthalate	14.68	149	953123	46.11	nq	# 92
85) Indeno(1,2,3-cd)pyrene	17.00	276	762080	40.16	nq	# 87
87) Benzo(b)fluoranthene	15.11	252	848517	43.84	nq	# 88
88) Benzo(k)fluoranthene	15.14	252	634272m	35.76	nq	
89) Benzo(a)pyrene	15.48	252	680771	40.55	nq	# 86
90) Dibenzo(a,h)anthracene	17.02	278	629498	44.69	nq	# 79
91) Benzo(g,h,i)perylene	17.44	276	629913	43.64	nq	# 76

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

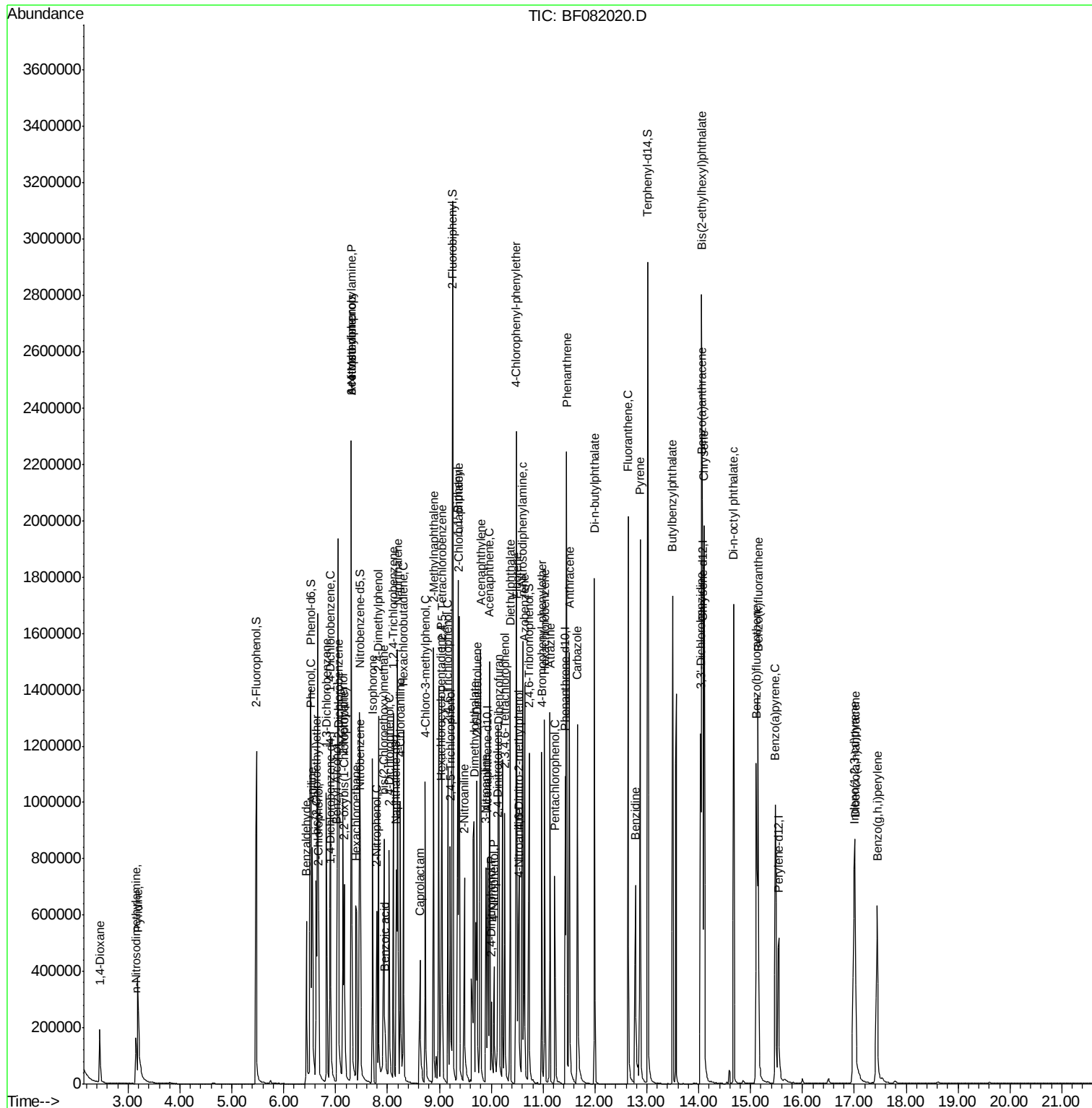
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\  
Data File : BF082020.D  
Acq On    : 3 Oct 2015 14:28  
Operator  : UM/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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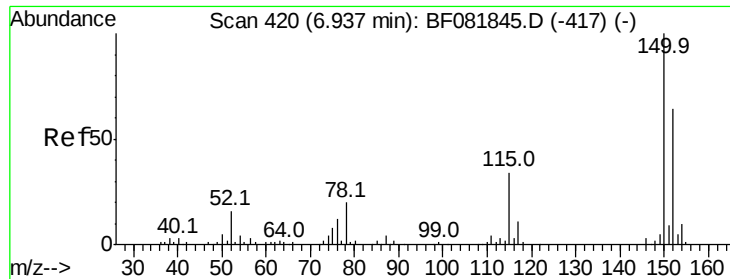
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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#1

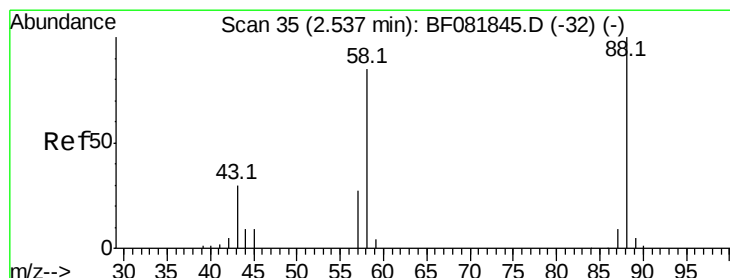
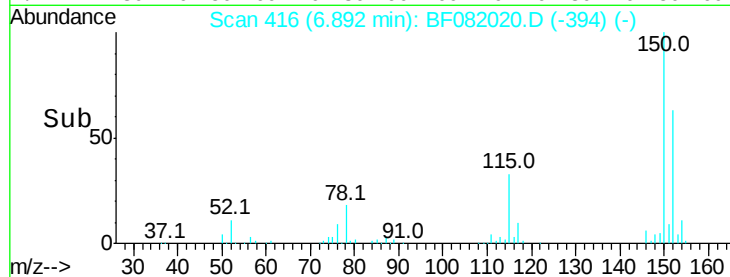
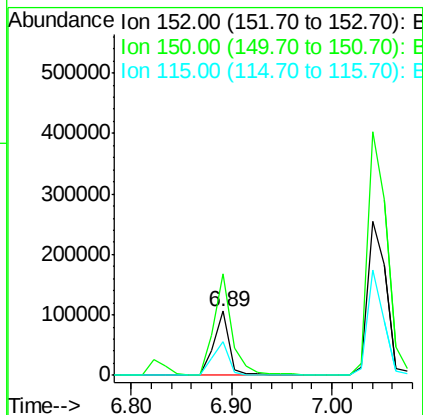
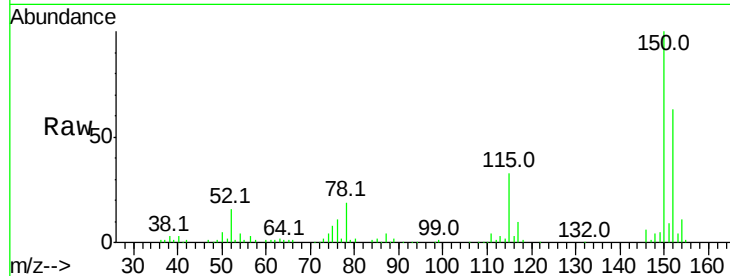
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.7	187.1
115	52.2	39.0	58.4

Manual Integrations
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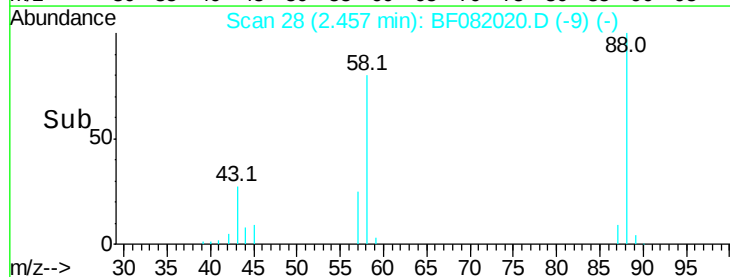
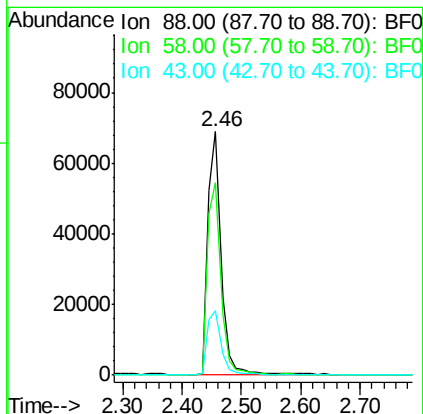
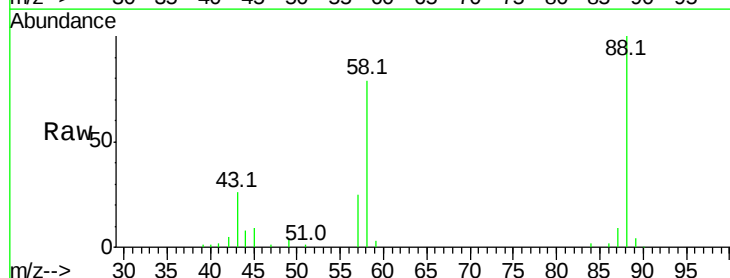
MMDADODA
10/5/2015 6:29:29 PM

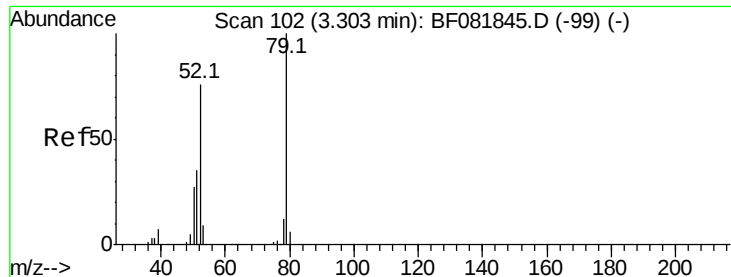


#2

1,4-Dioxane
Concen: 39.57 ng
RT: 2.46 min Scan# 28
Delta R.T. -0.08 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.8	77.7	116.5
43	27.6	26.6	40.0





#3

Pvridine

Concen: 38.54 ng

RT: 3.19 min Scan# 92

Delta R.T. -0.11 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

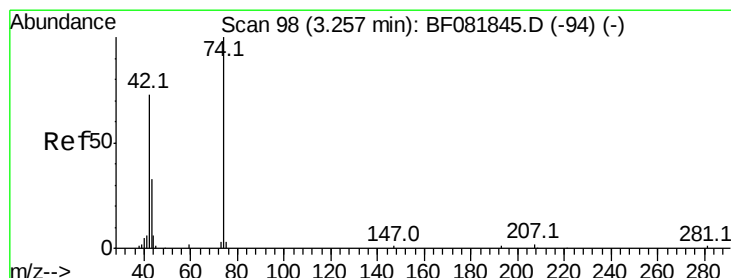
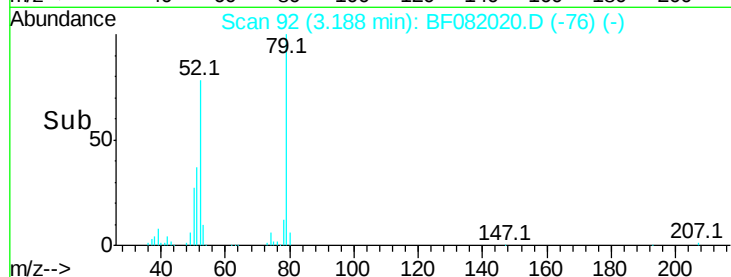
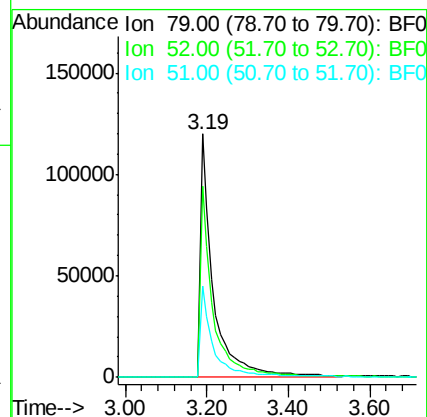
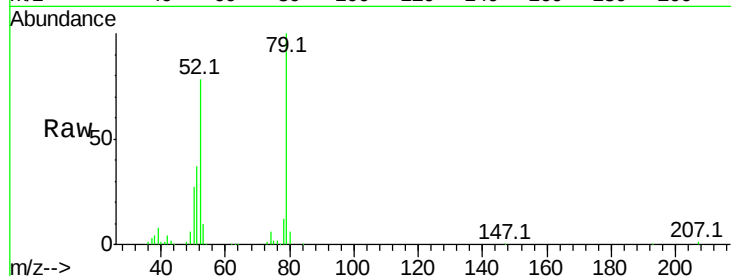
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	275070
Ion Ratio	Lower	Upper	
79	100		
52	78.5	76.8	115.2
51	37.3	32.2	48.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.31 ng

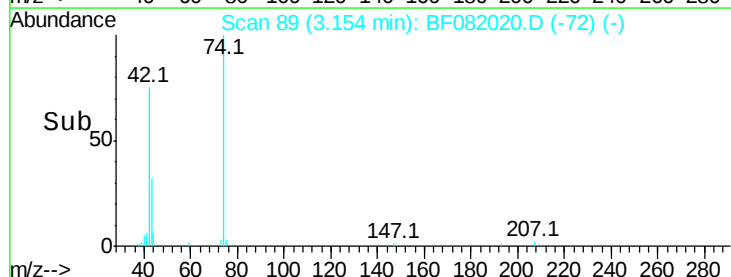
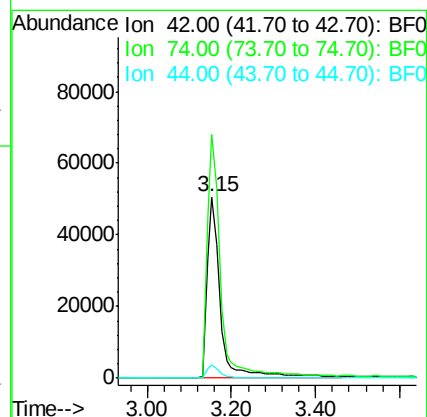
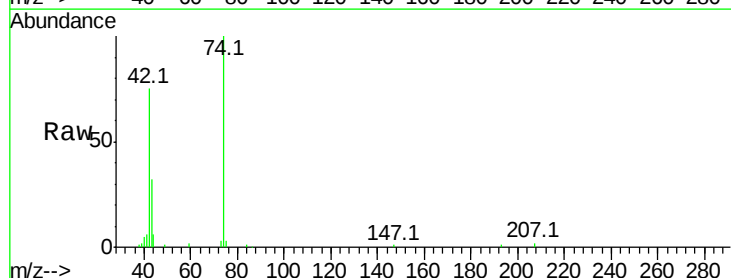
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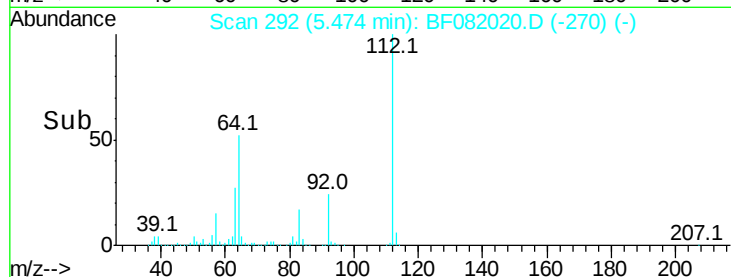
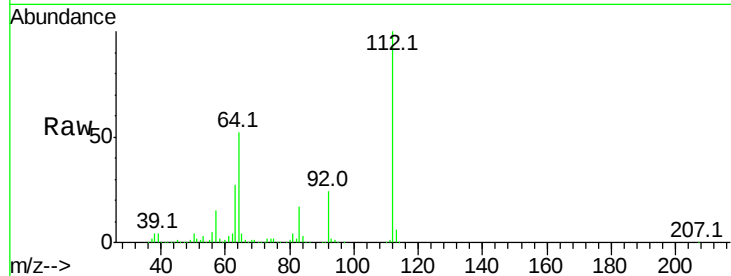
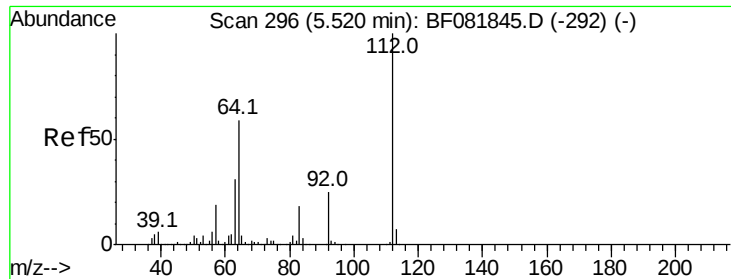
Delta R.T. -0.10 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	42	Resp:	114471
Ion Ratio	Lower	Upper	
42	100		
74	134.1	105.0	157.6
44	7.4	6.6	10.0





#5

2-Fluorophenol

Concen: 75.49 ng

RT: 5.47 min Scan# 292

Delta R.T. -0.04 min

Lab File: BF082020.D

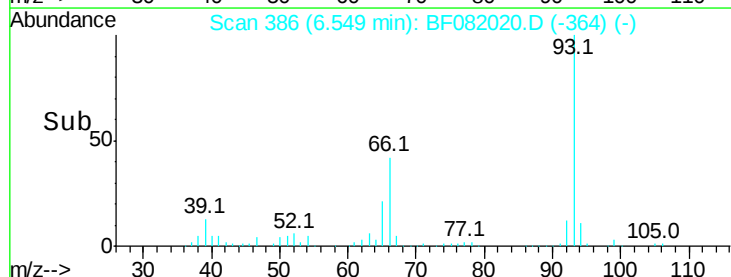
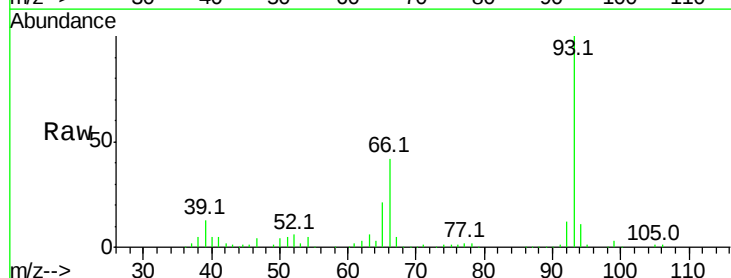
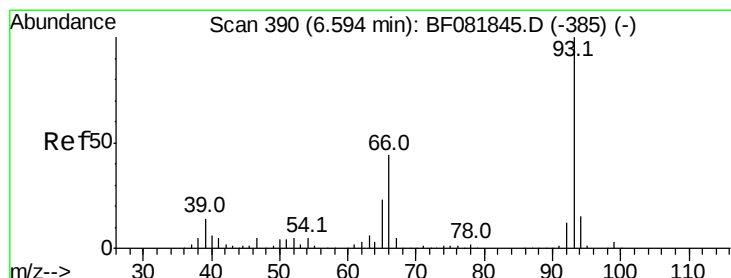
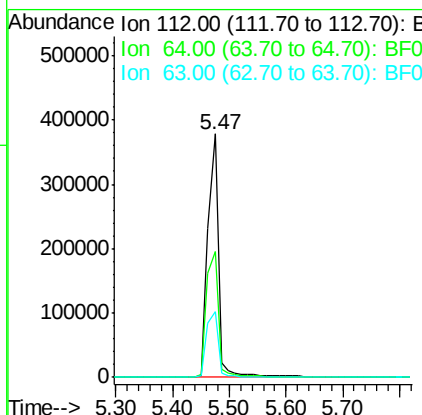
Acq: 3 Oct 2015 14:28

Tot Ion:	112	Resp:	475835
Ion Ratio	Lower	Upper	
112	100		
64	51.6	39.7	59.5
63	26.7	17.4	26.0#

Instrument :
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10/5/2015 6:29:29 PM



#6

Aniline

Concen: 37.22 ng

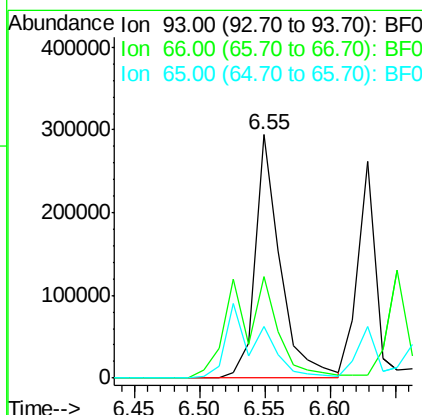
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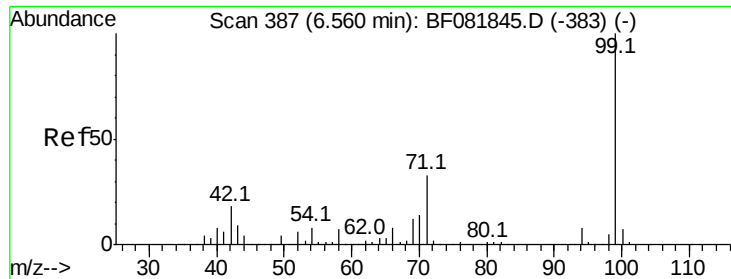
Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	93	Resp:	396583
Ion Ratio	Lower	Upper	
93	100		
66	41.6	27.2	40.8#
65	21.3	14.7	22.1





#7

Phenol-d6

Concen: 72.31 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

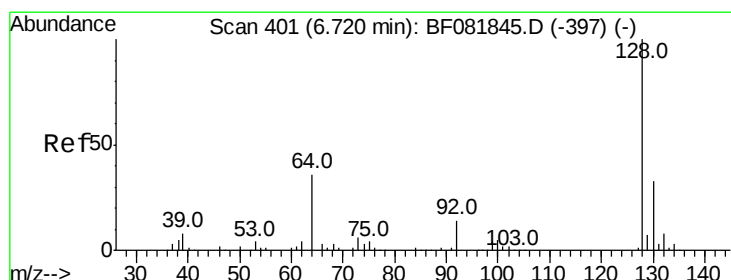
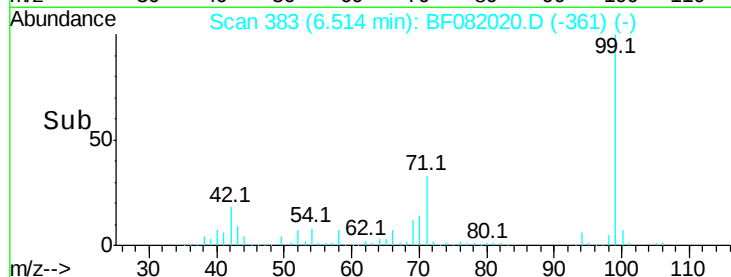
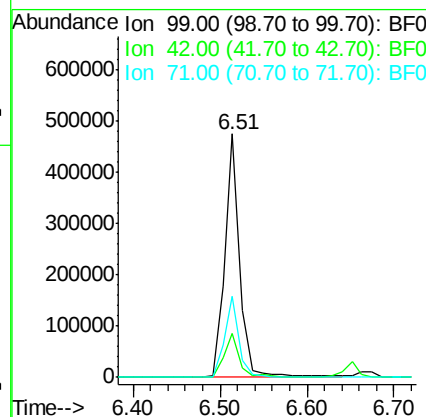
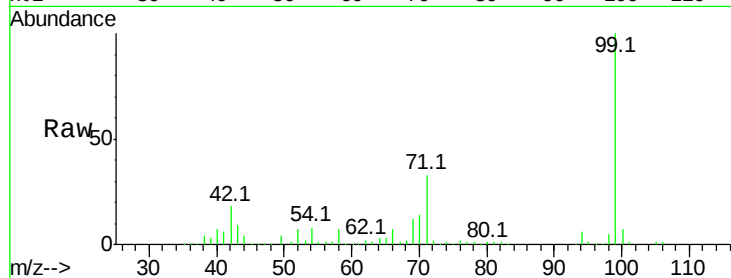
ClientSampleId :

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Tot Ion:	99	Resp:	573527
Ion Ratio	Lower	Upper	
99	100		
42	18.1	13.7	20.5
71	33.2	14.2	21.2#

Manual Integrations
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10/5/2015 6:29:29 PM



#8

2-Chlorophenol

Concen: 37.38 ng

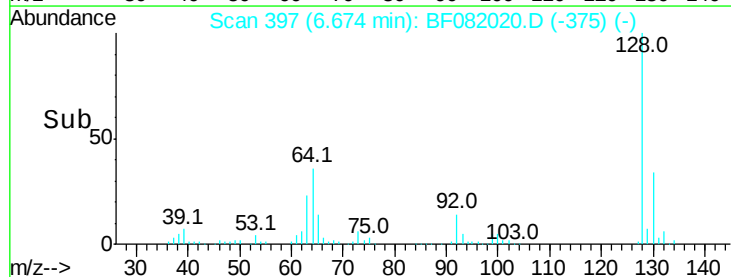
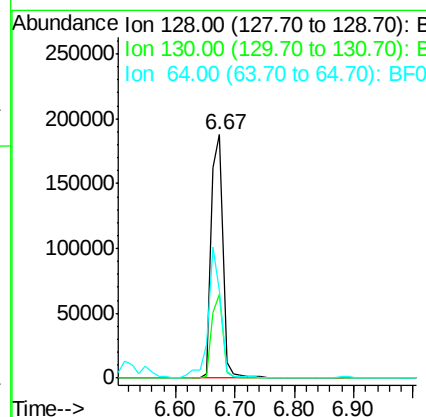
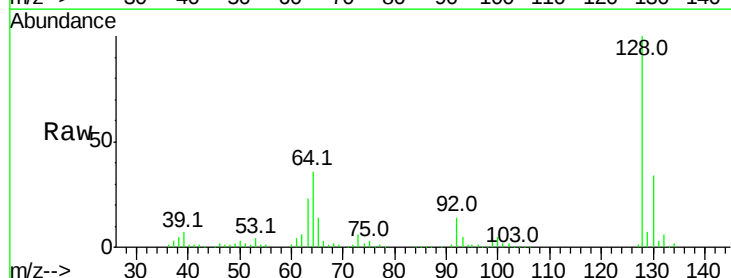
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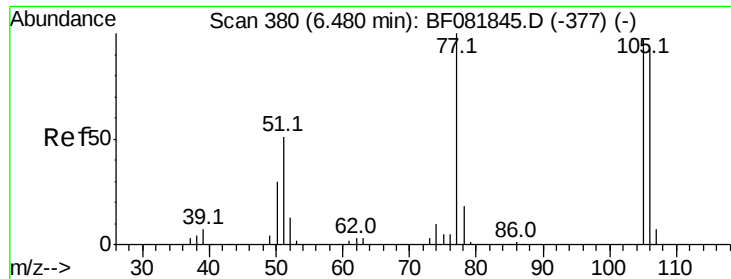
Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	128	Resp:	260161
Ion Ratio	Lower	Upper	
128	100		
130	34.1	12.2	52.2
64	35.9	20.5	60.5





#9

Benzaldehyde

Concen: 29.93 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 155433
Ion Ratio Lower Upper

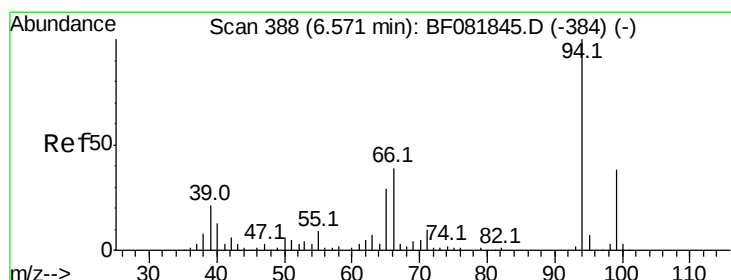
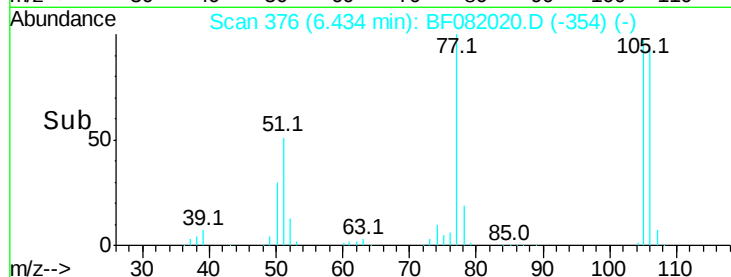
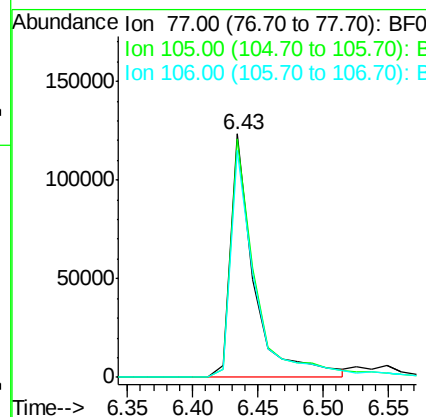
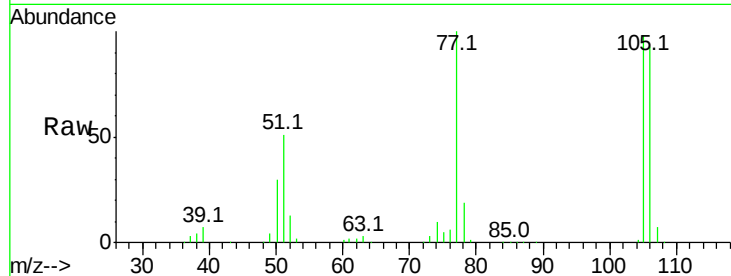
77 100

105 98.1 91.6 131.6

106 93.3 102.6 142.6#

Manual Integrations
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#10

Phenol

Concen: 35.36 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF082020.D

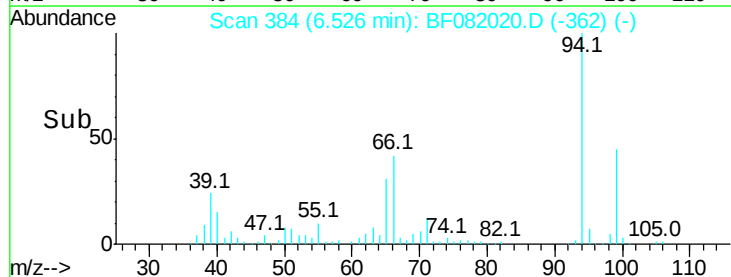
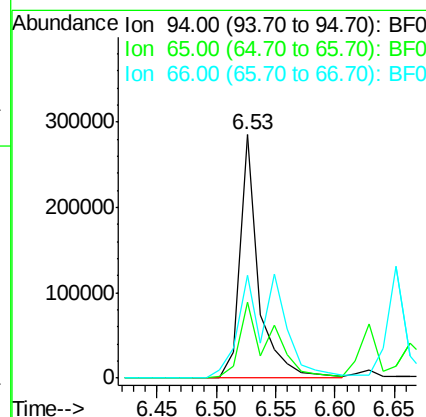
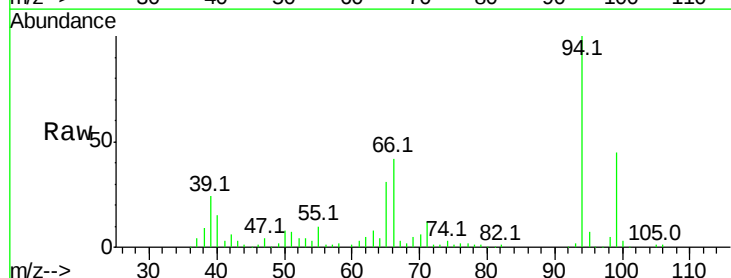
Acq: 3 Oct 2015 14:28

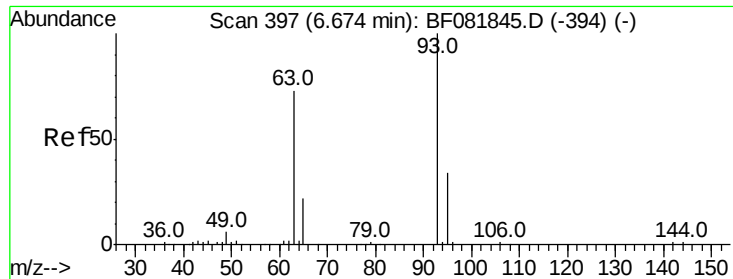
Tgt Ion: 94 Resp: 314638
Ion Ratio Lower Upper

94 100

65 31.4 0.7 40.7

66 42.0 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 40.56 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

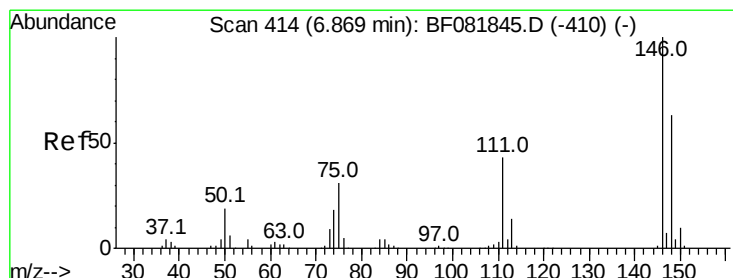
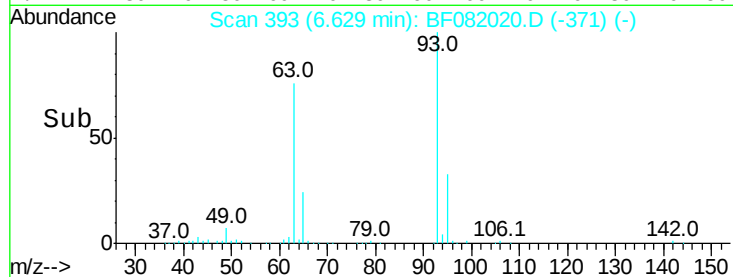
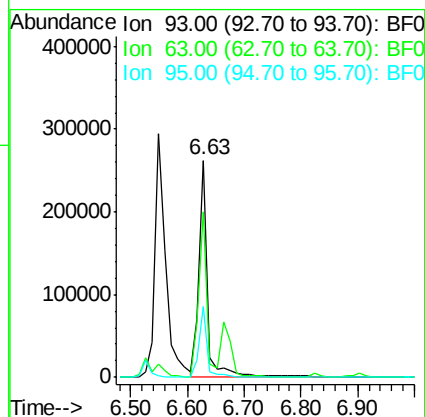
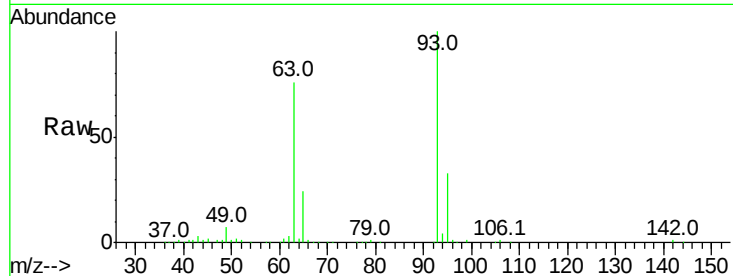
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	279884
Ion Ratio	Lower	Upper	
93	100		
63	76.5	65.6	105.6
95	32.8	13.6	53.6

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 37.06 ng m

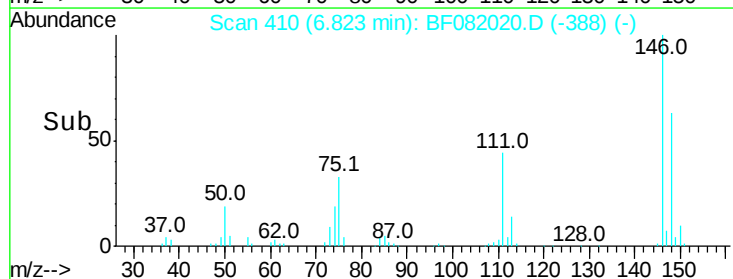
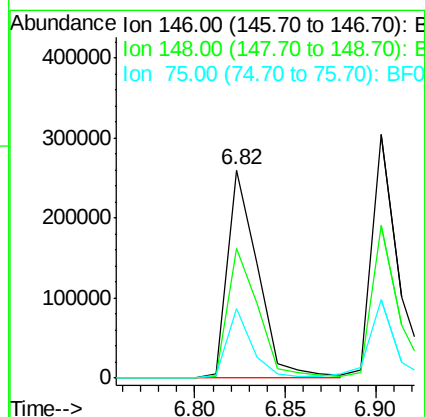
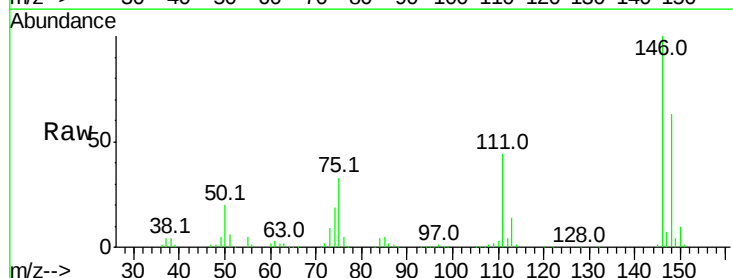
RT: 6.82 min Scan# 410

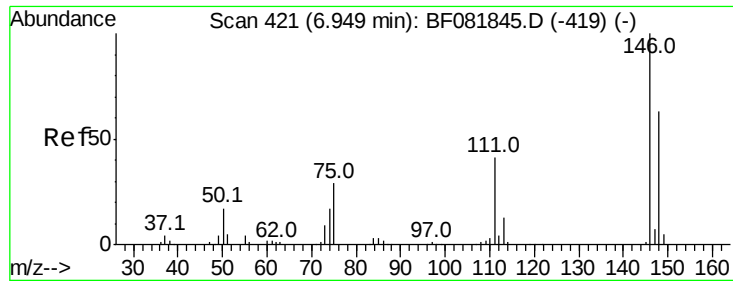
Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	146	Resp:	304676
Ion Ratio	Lower	Upper	
146	100		
148	62.6	51.0	76.4
75	33.4	15.0	22.6#





#13

1,4-Dichlorobenzene

Concen: 37.86 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

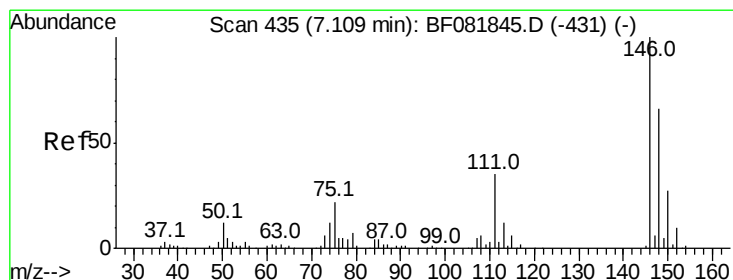
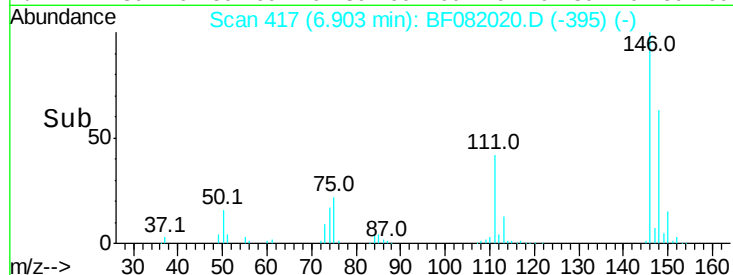
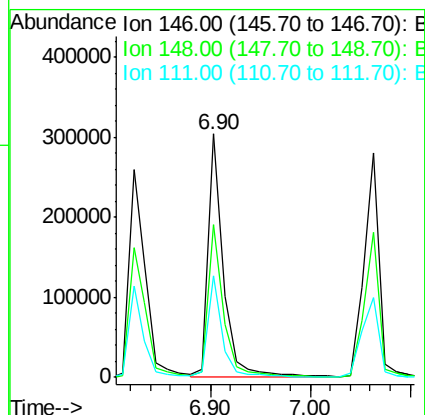
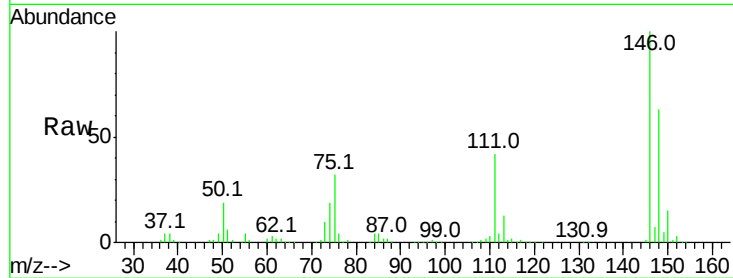
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	325060
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.6
111	41.9	24.9	37.3#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.62 ng

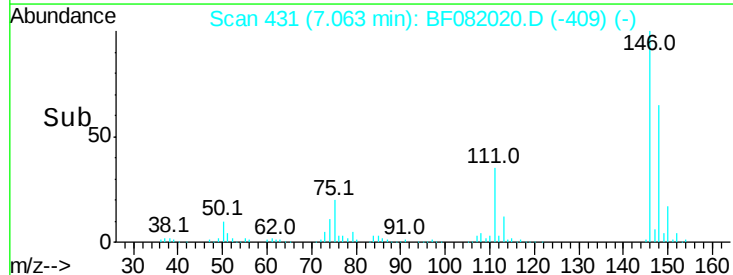
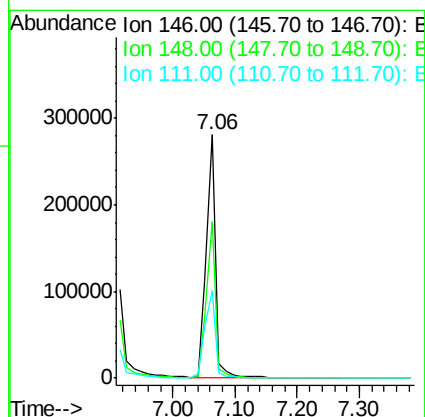
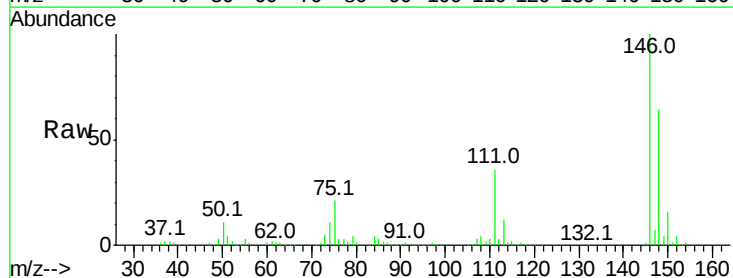
RT: 7.06 min Scan# 431

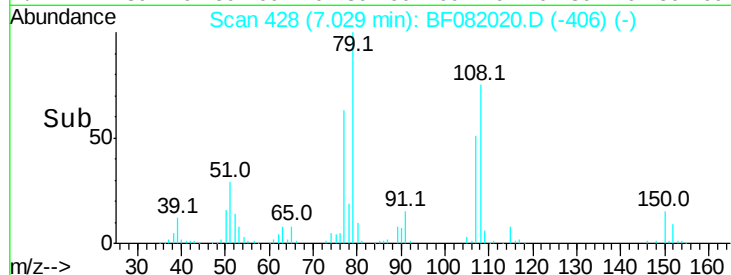
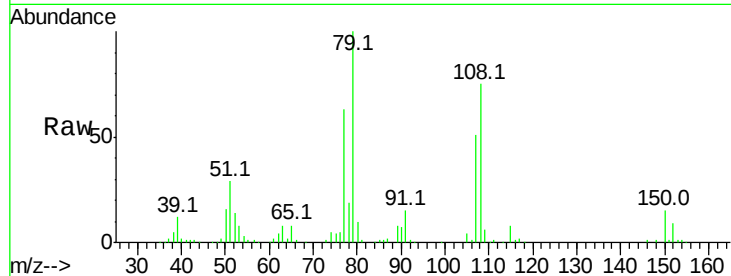
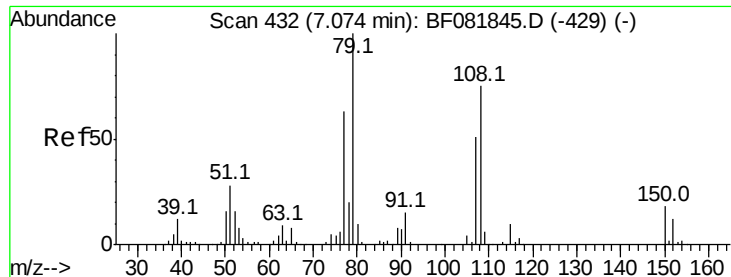
Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	146	Resp:	295463
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.7	79.1
111	35.7	28.8	43.2





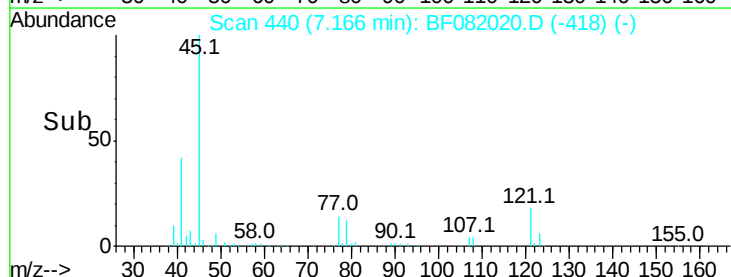
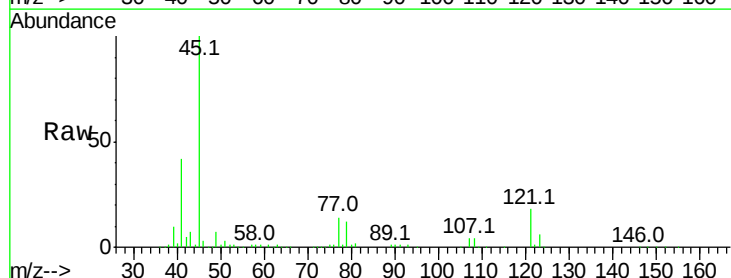
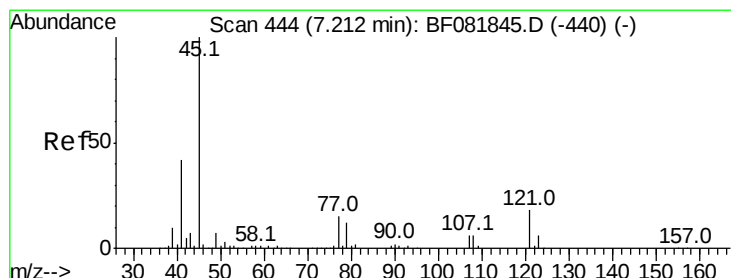
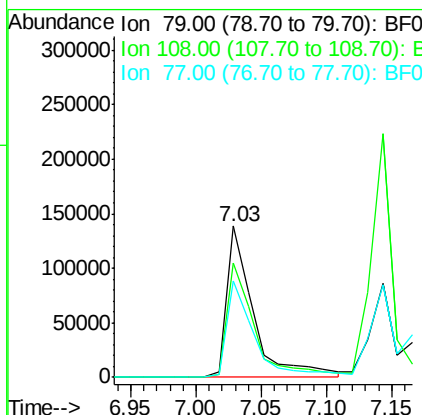
#15
Benzyl Alcohol
Concen: 34.40 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.5	88.6	132.8#
77	63.4	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

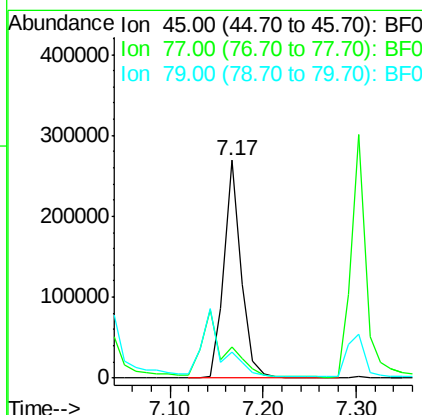
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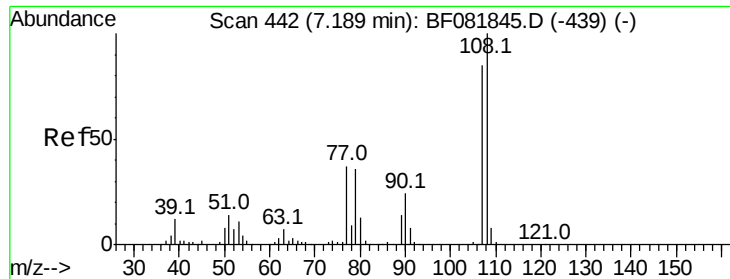
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.22 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.05 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	28.1
79	12.0	0.0	26.0





#17

2-Methylphenol

Concen: 39.61 ng

RT: 7.14 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

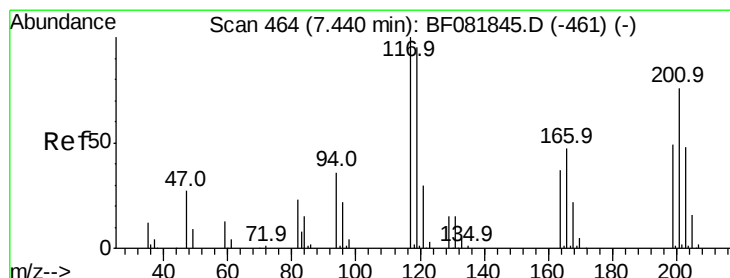
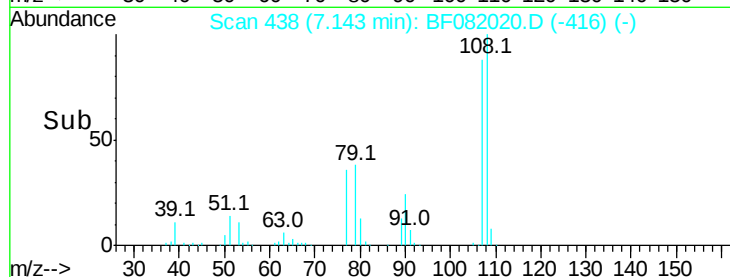
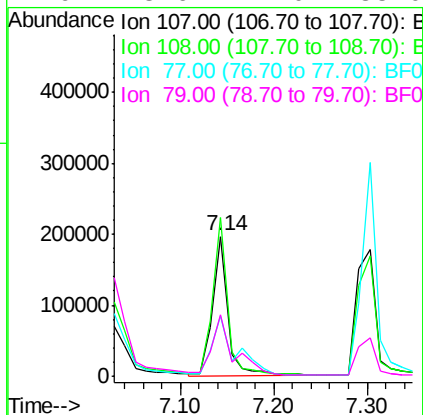
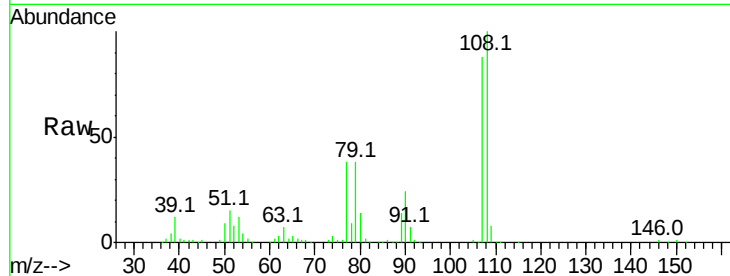
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	223562		
108	113.4	96.6	145.0	
77	43.1	23.3	34.9#	
79	43.6	22.0	33.0#	

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#18

Hexachloroethane

Concen: 37.49 ng

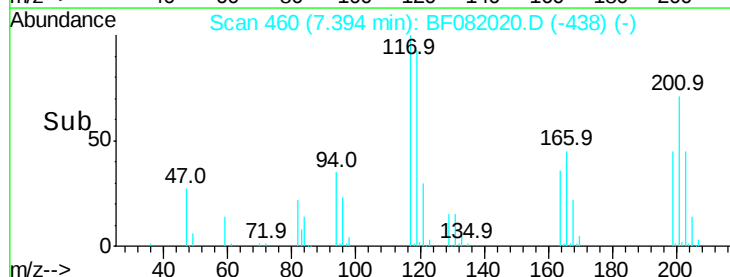
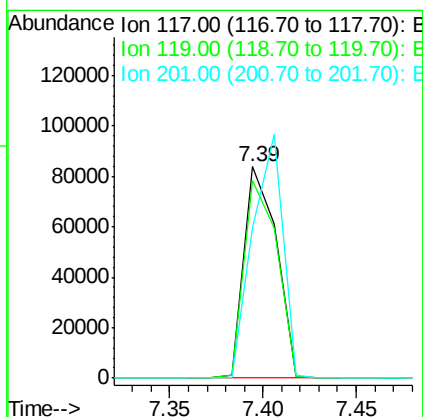
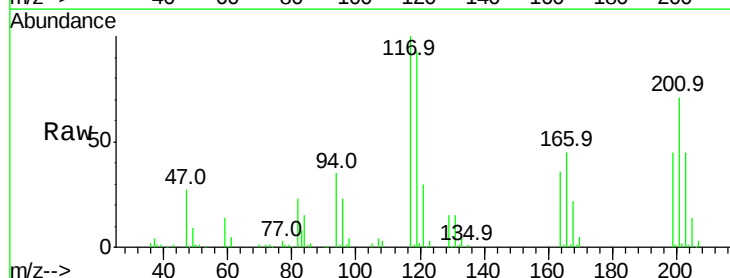
RT: 7.39 min Scan# 460

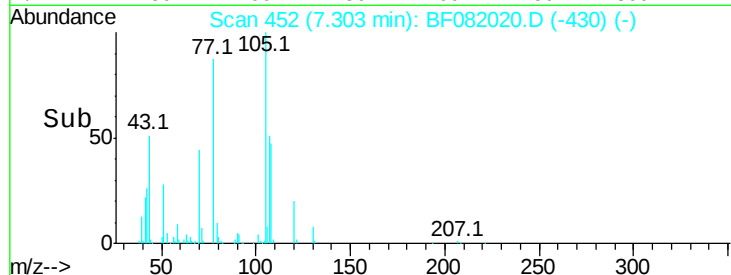
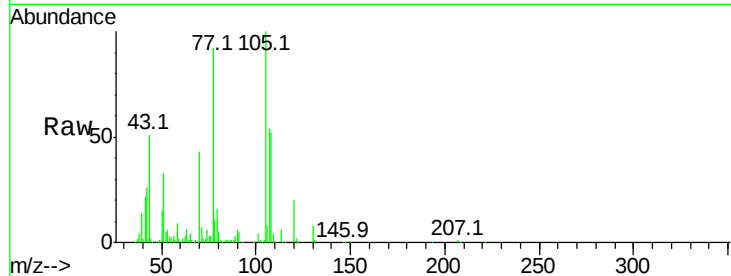
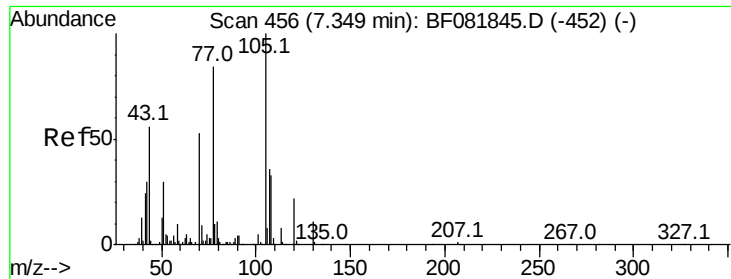
Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100773		
119	93.3	83.8	125.6	
201	70.8	55.1	82.7	





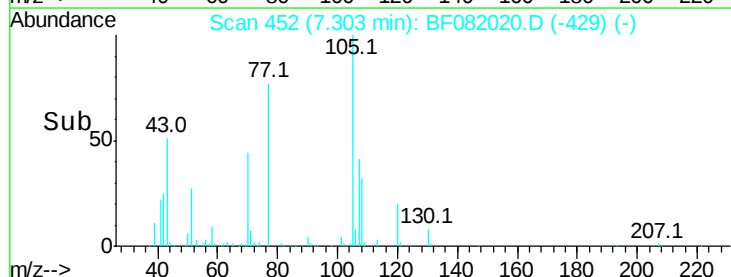
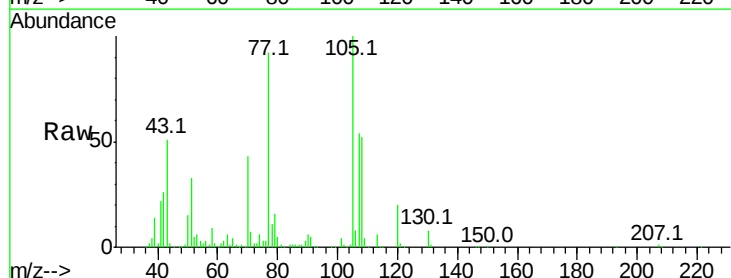
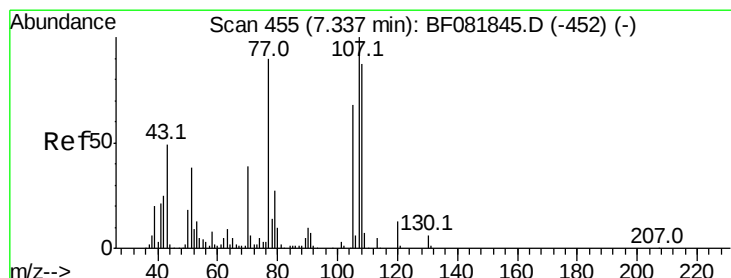
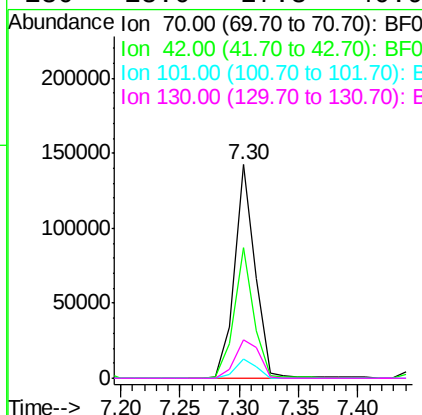
#19
n-Nitroso-di-n-propylamine
Concen: 35.91 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.0	63.8	95.6#
101	9.1	9.2	13.8#
130	18.0	27.3	40.9#

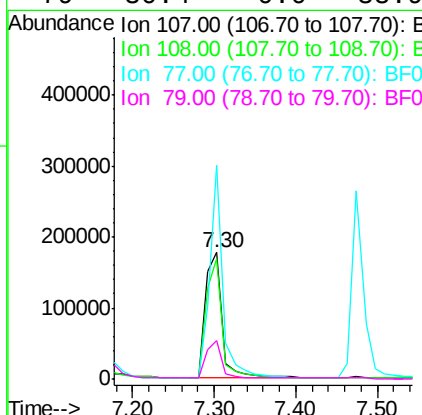
Manual Integrations
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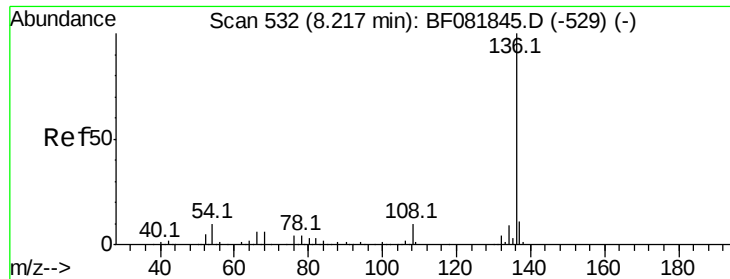
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#20
3+4-Methylphenols
Concen: 36.60 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.5	74.6	114.6
77	169.1	0.7	40.7#
79	30.4	0.0	38.9





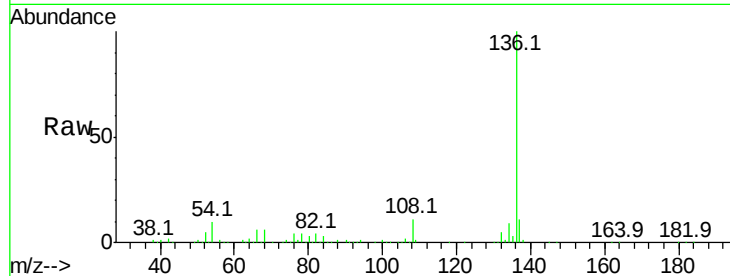
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

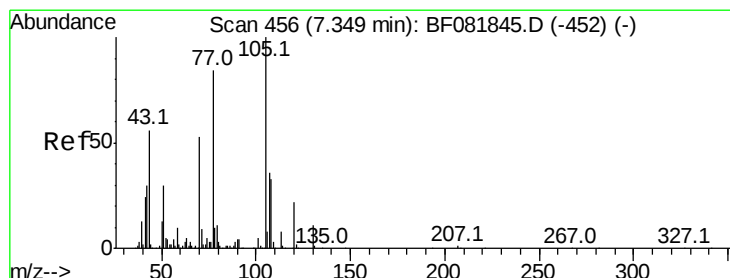
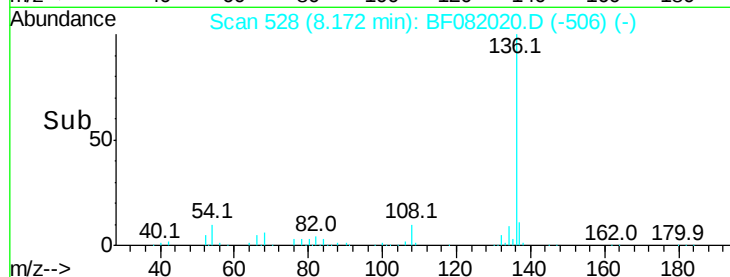
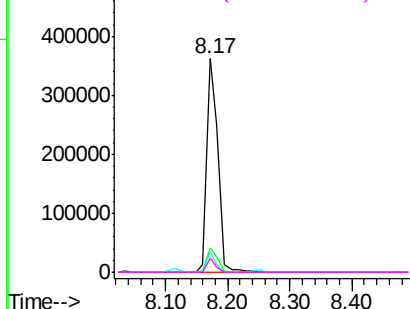
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.0	13.6	
54	9.9	8.2	12.2	
68	6.4	5.8	8.6	

Manual Integrations
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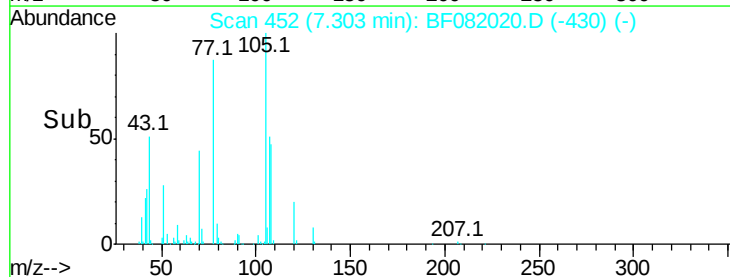
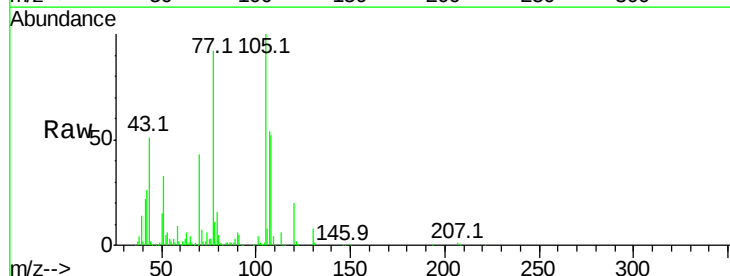
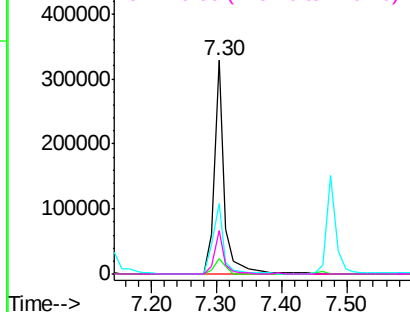
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

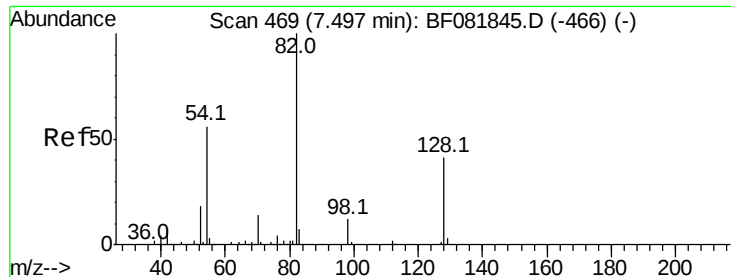


#22
Acetophenone
Concen: 39.06 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	4.7	7.1#	
51	33.1	22.0	33.0#	
120	20.2	30.1	45.1#	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





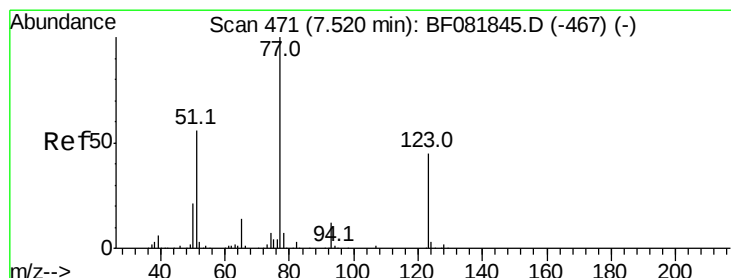
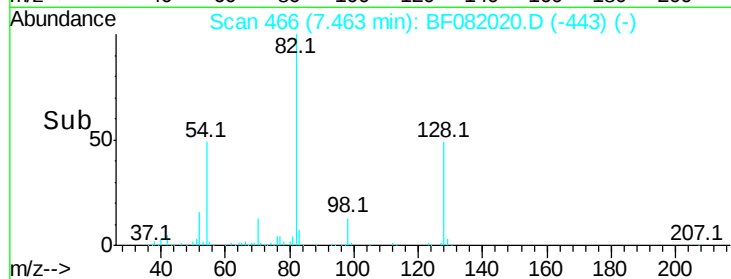
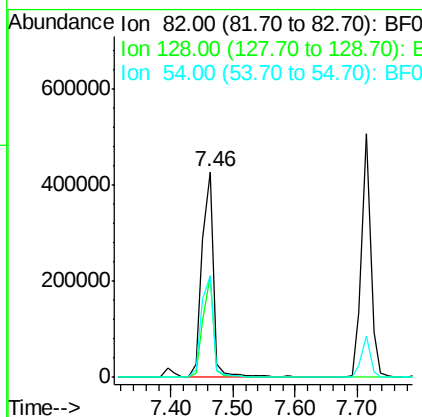
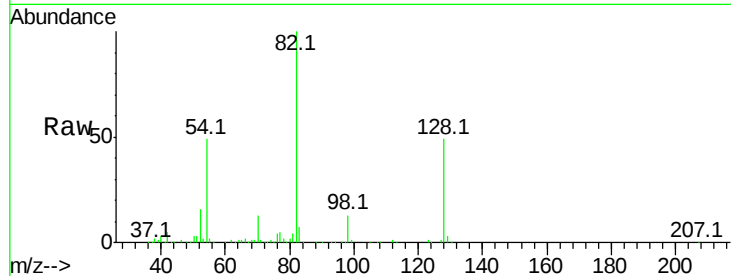
#23
 Nitrobenzene-d5
 Concen: 83.25 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.1	51.0	76.6#
54	49.5	47.5	71.3

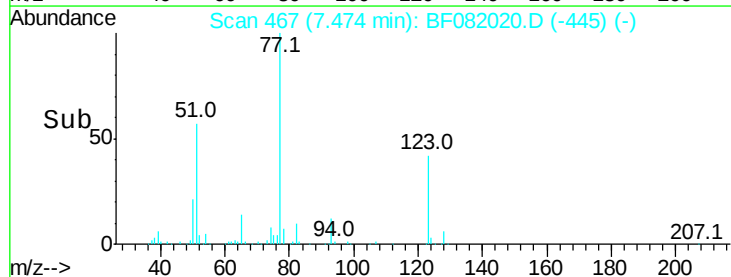
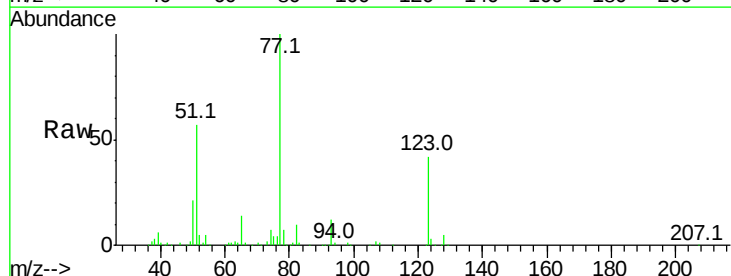
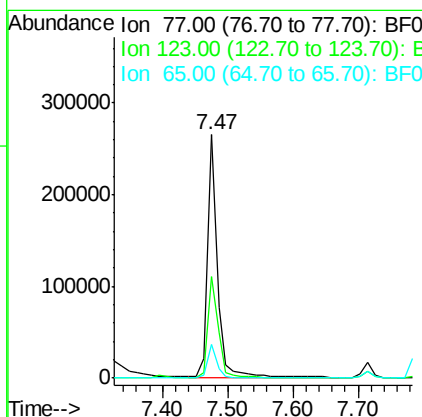
Manual Integrations
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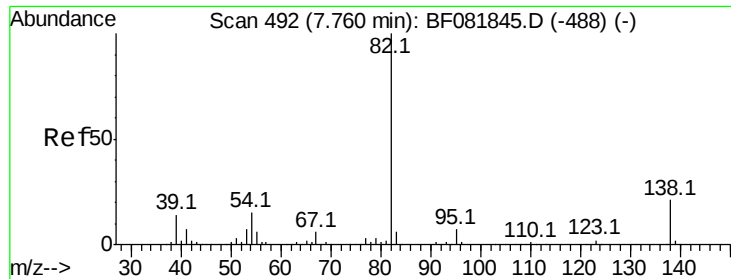
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#24
 Nitrobenzene
 Concen: 37.85 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	59.8	89.8#
65	13.8	10.2	15.4





#25

Isophorone

Concen: 38.06 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

ClientSampleId :

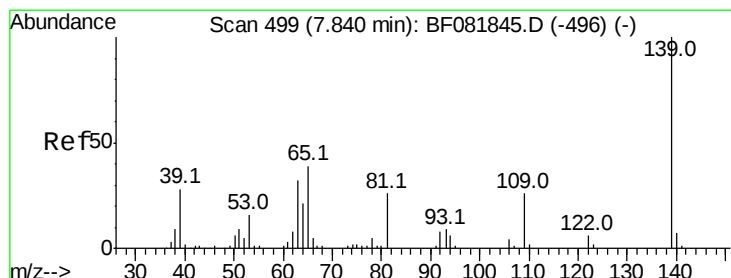
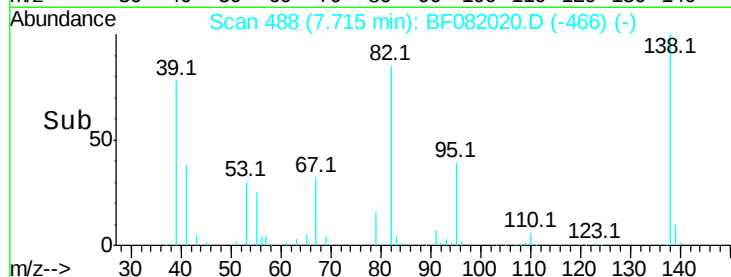
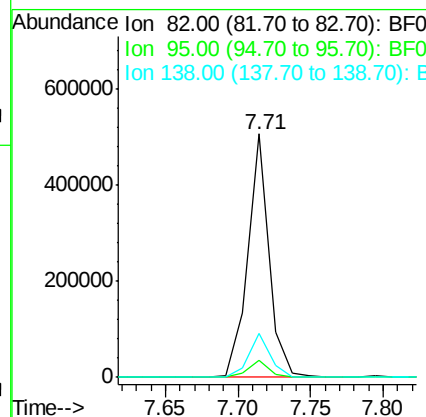
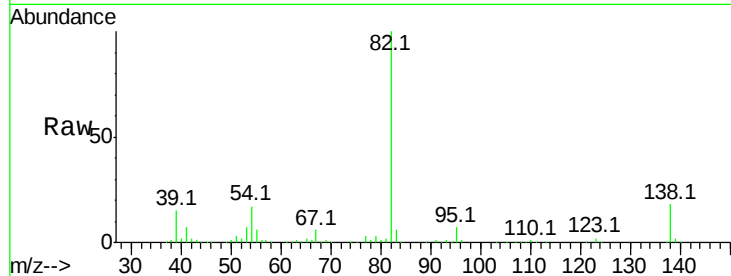
SSTDCCC040

Tot Ion: 82 Resp: 508858
Ion Ratio Lower Upper

82	100		
95	7.1	4.0	6.0#
138	18.1	18.3	27.5#

Manual Integrations
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MMDADODA
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#26

2-Nitrophenol

Concen: 43.62 ng

RT: 7.79 min Scan# 495

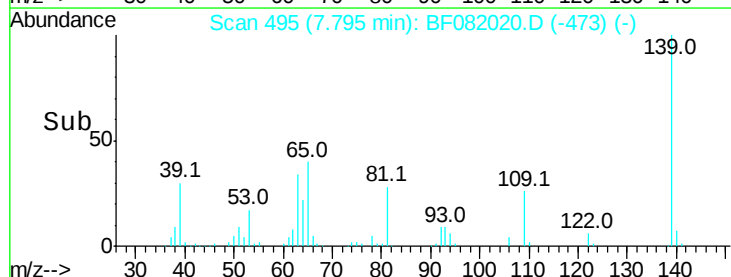
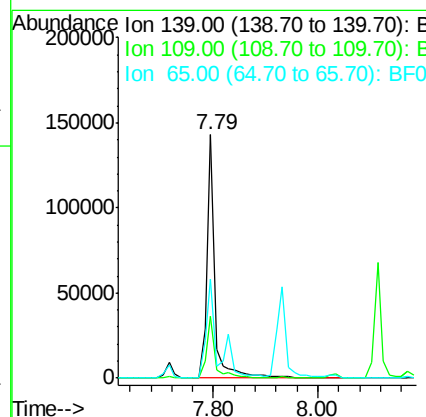
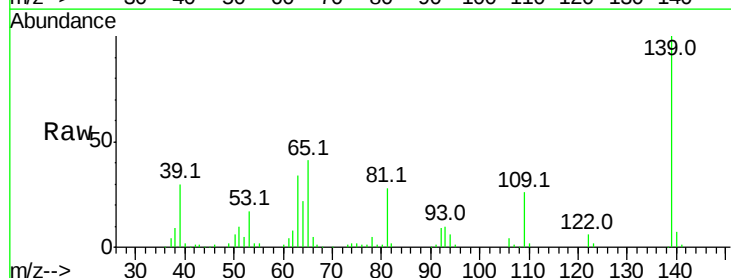
Delta R.T. -0.05 min

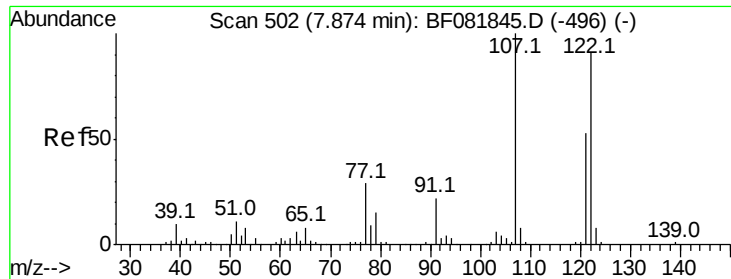
Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion: 139 Resp: 153351
Ion Ratio Lower Upper

139	100		
109	25.5	11.0	16.4#
65	40.6	24.7	37.1#





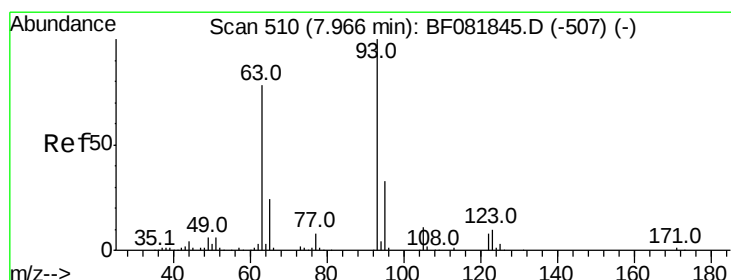
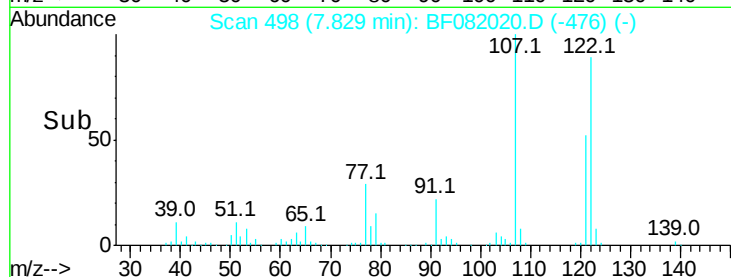
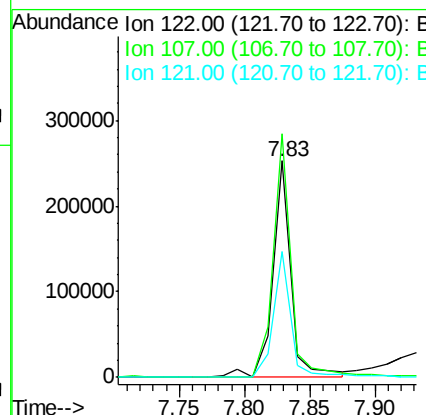
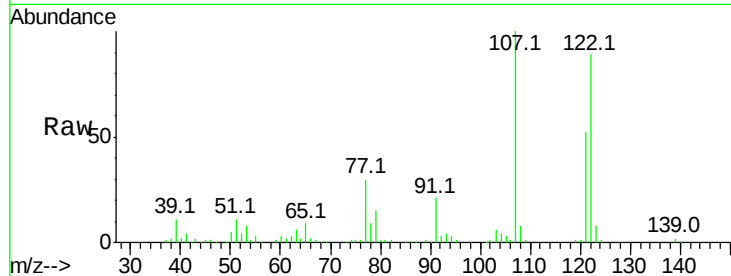
#27
2,4-Dimethylphenol
Concen: 39.91 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.05 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	246830		
107	112.6	71.8	107.6#	
121	58.4	42.3	63.5	

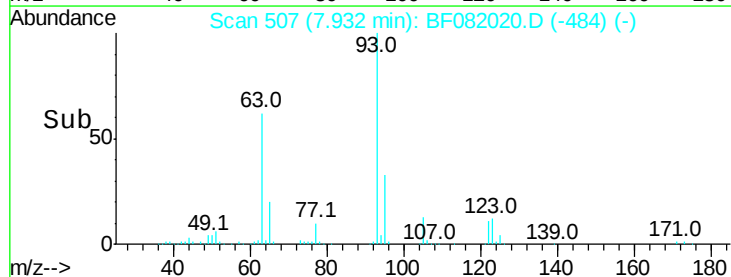
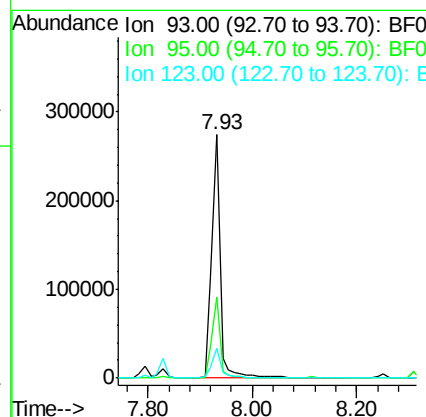
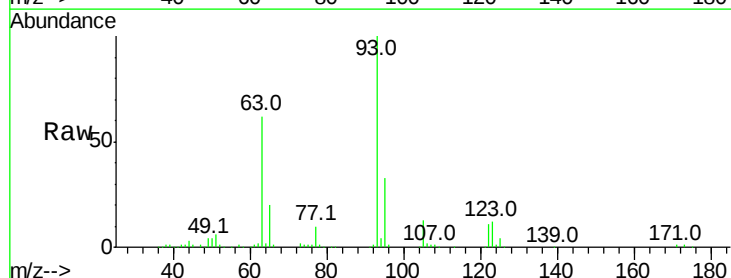
Manual Integrations
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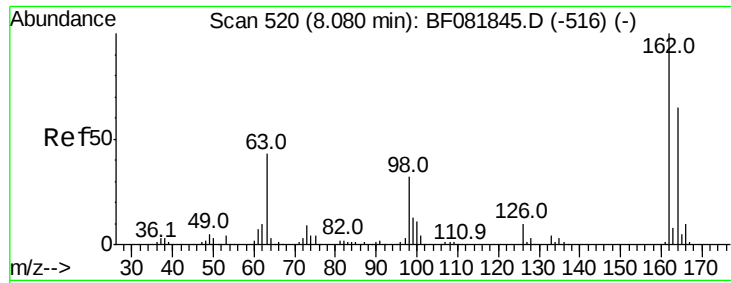
MMDADODA
10/5/2015 6:29:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.75 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	307667		
95	33.1	27.5	41.3	
123	12.4	13.7	20.5#	





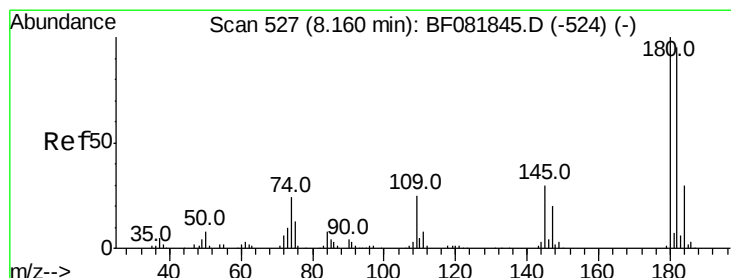
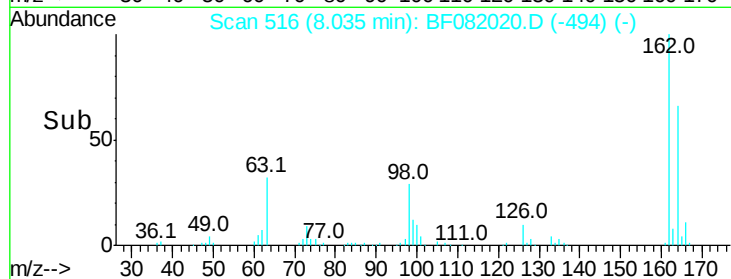
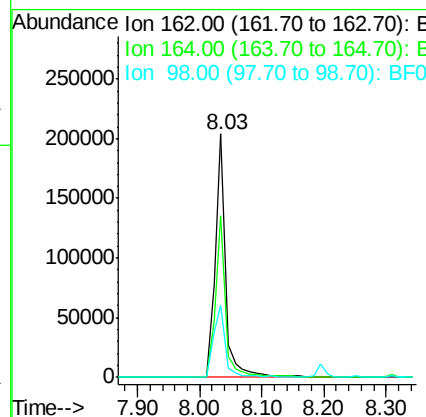
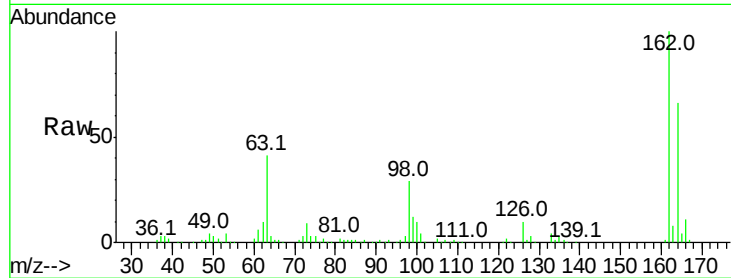
#29
 2,4-Dichlorophenol
 Concen: 39.75 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.3	44.9	84.9
98	29.4	13.0	53.0

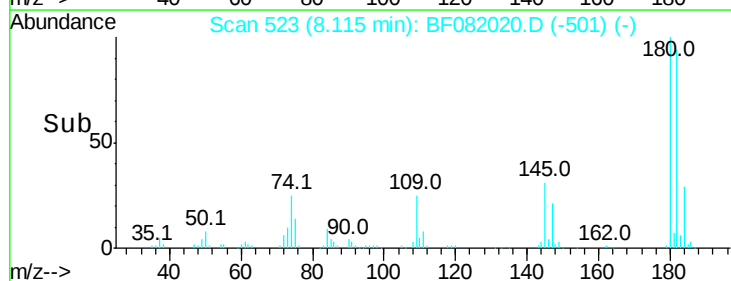
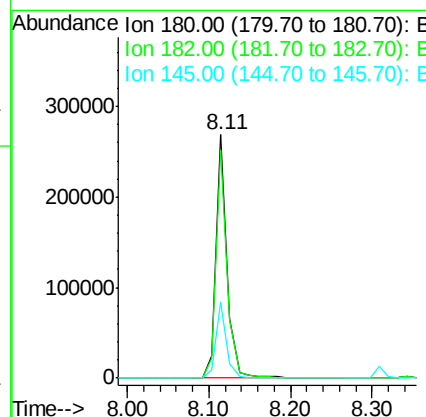
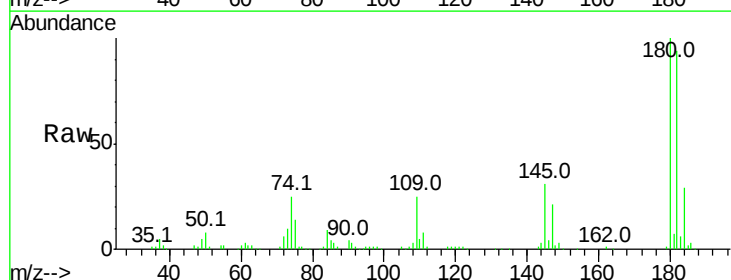
Manual Integrations
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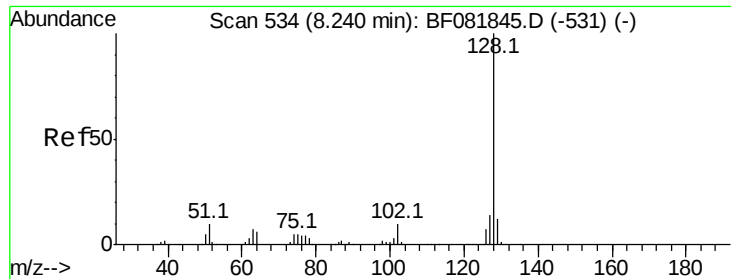
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.54 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	77.1	115.7
145	31.3	23.3	34.9





#31

Naphthalene

Concen: 35.45 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

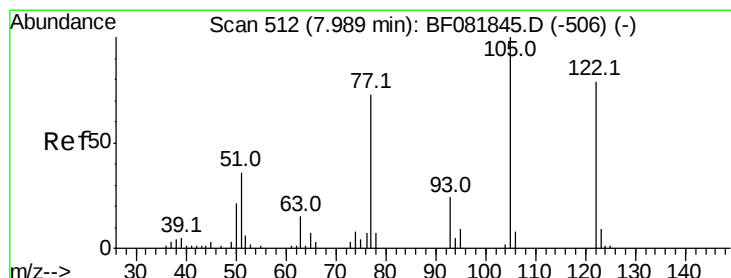
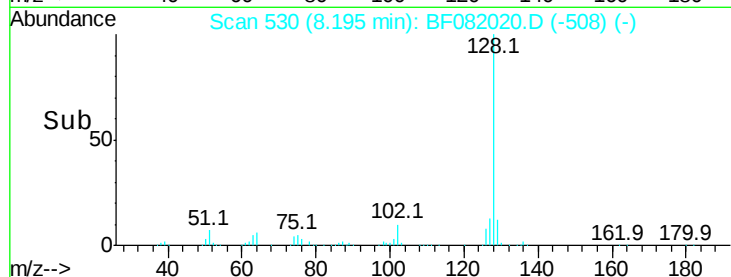
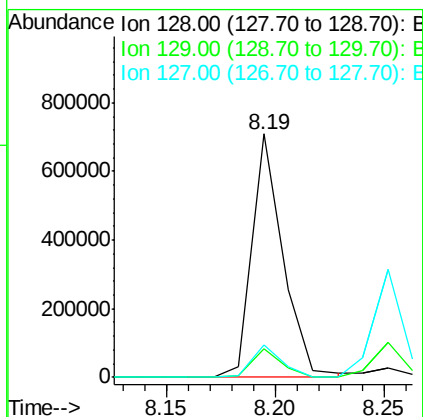
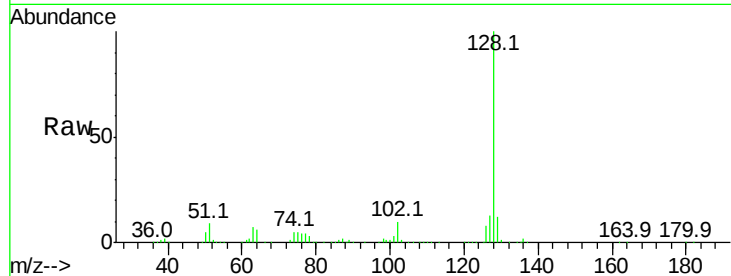
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.7	8.4	12.6
127	13.3	9.9	14.9

Manual Integrations
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#32

Benzoic acid

Concen: 37.57 ng

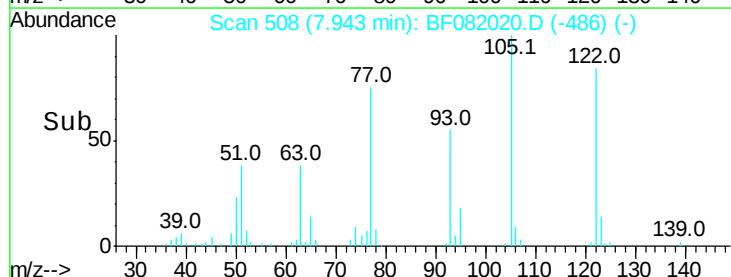
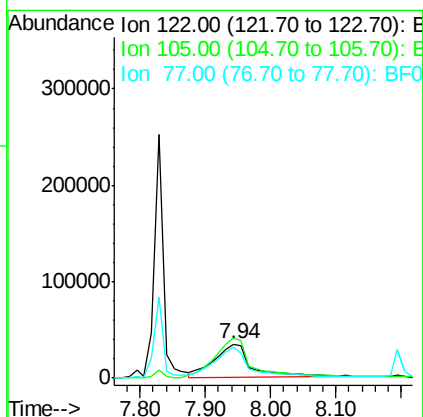
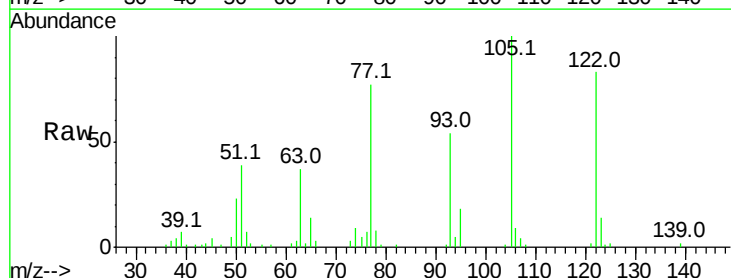
RT: 7.94 min Scan# 508

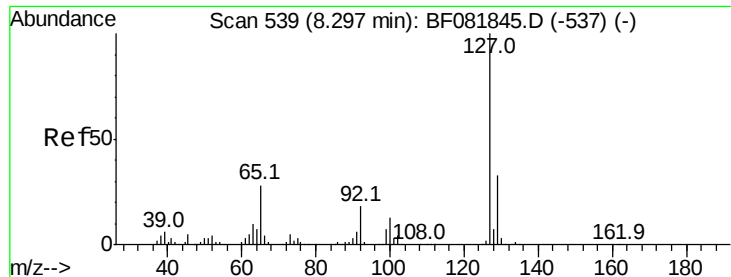
Delta R.T. -0.04 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	120.2	76.1	116.1#
77	92.6	40.5	80.5#





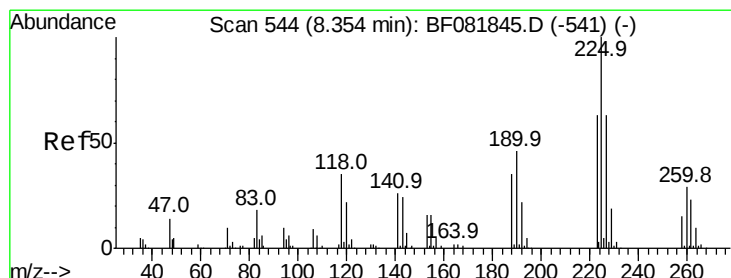
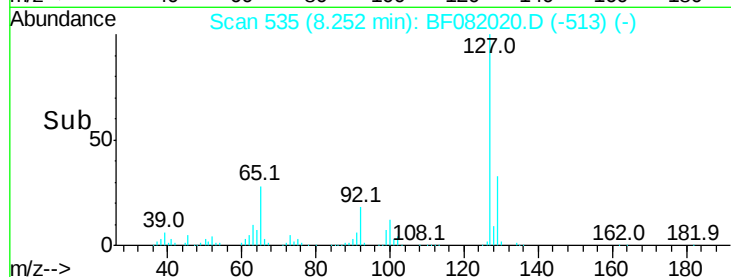
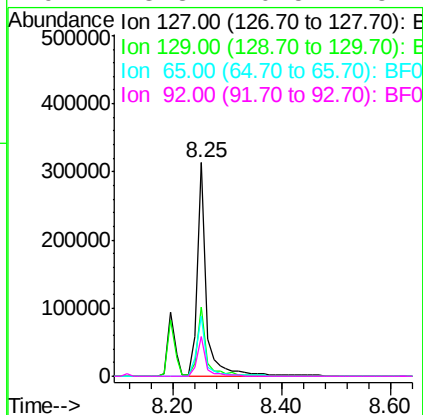
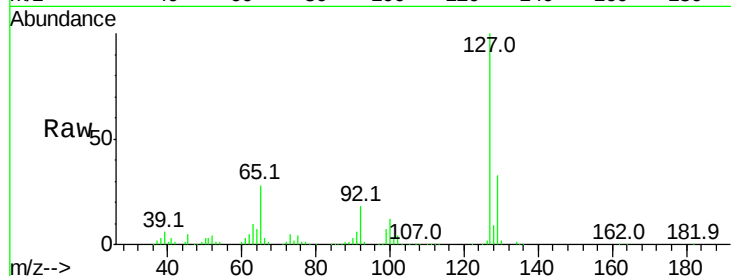
#33
 4-Chloroaniline
 Concen: 40.94 ng
 RT: 8.25 min Scan# 535
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.8	38.6	
65	28.0	17.9	26.9	
92	18.3	10.5	15.7	

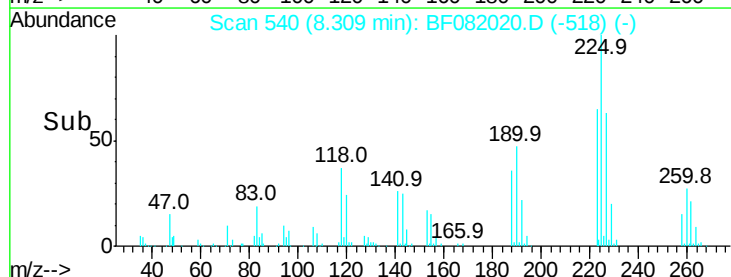
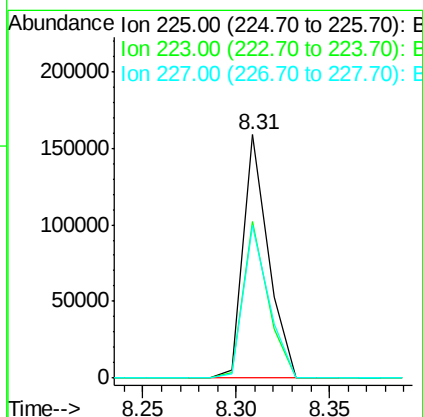
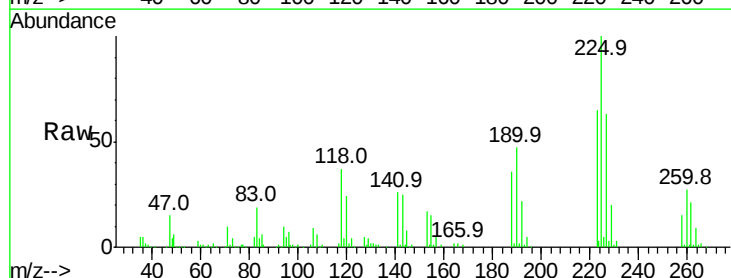
Manual Integrations
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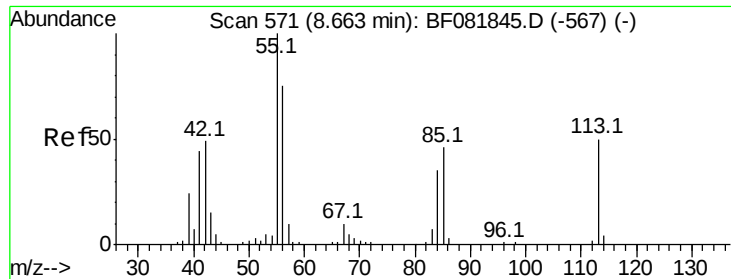
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#34
 Hexachlorobutadiene
 Concen: 37.60 ng
 RT: 8.31 min Scan# 540
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	50.2	75.2	
227	62.9	52.2	78.2	





#35

Caprolactam

Concen: 41.76 ng

RT: 8.63 min Scan# 568

Delta R.T. -0.03 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

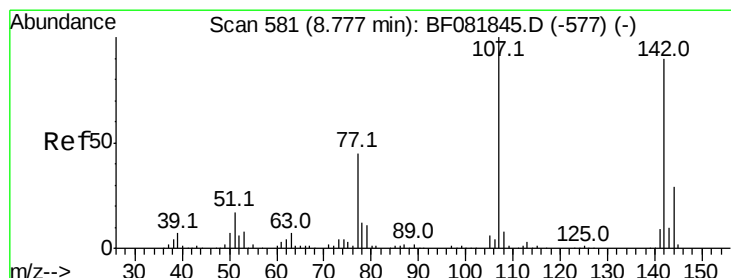
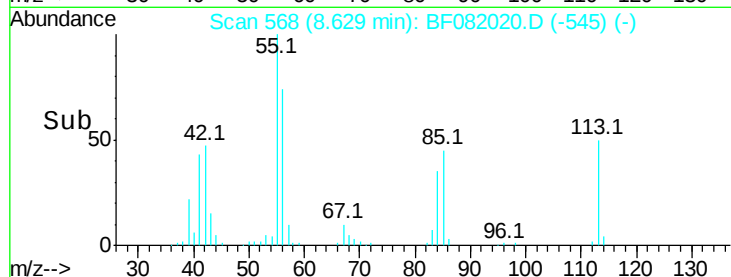
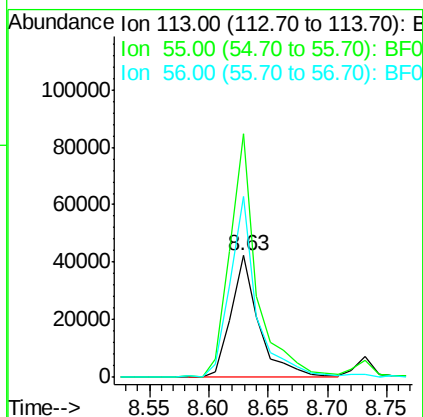
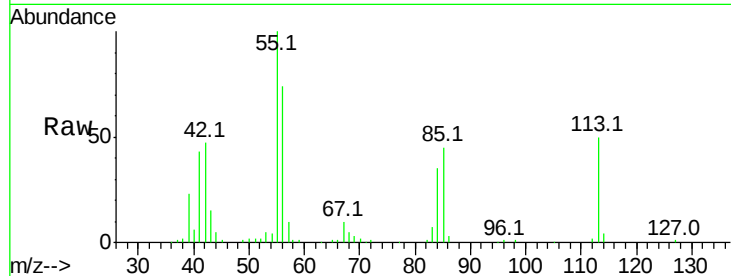
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	69340
Ion Ratio	Lower	Upper	
113	100		
55	200.1	152.4	192.4#
56	148.9	104.6	144.6#

Manual Integrations
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MMDADODA
10/5/2015 6:29:29 PM



#36

4-Chloro-3-methylphenol

Concen: 43.77 ng

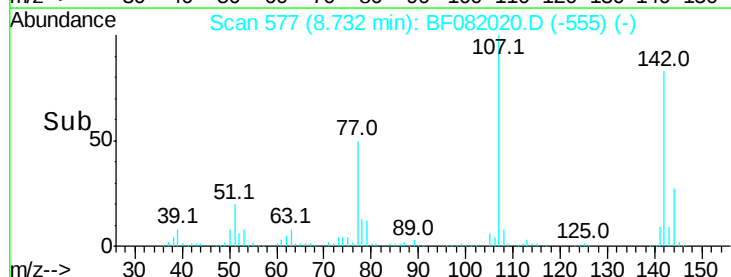
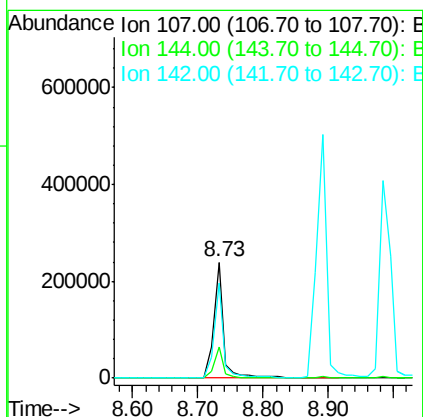
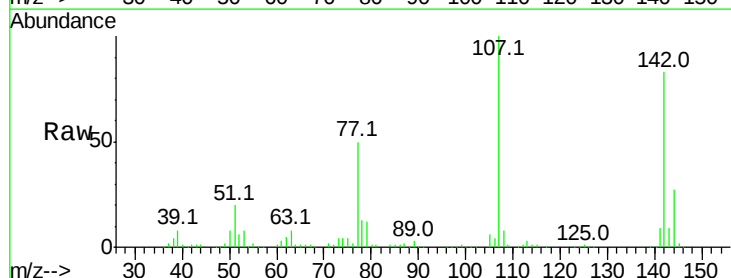
RT: 8.73 min Scan# 577

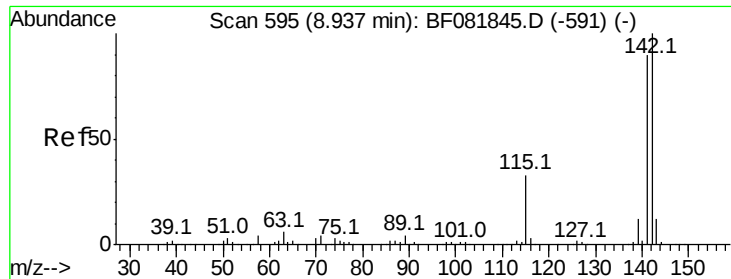
Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	107	Resp:	256716
Ion Ratio	Lower	Upper	
107	100		
144	27.0	25.4	38.0
142	82.6	77.3	115.9





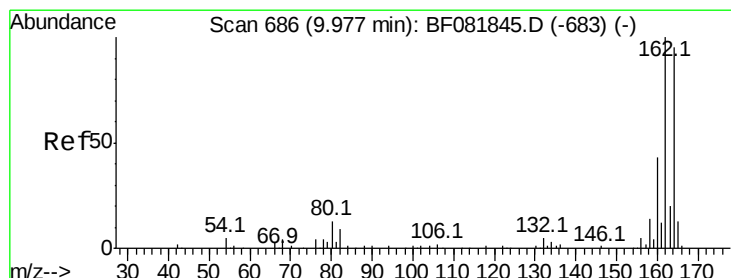
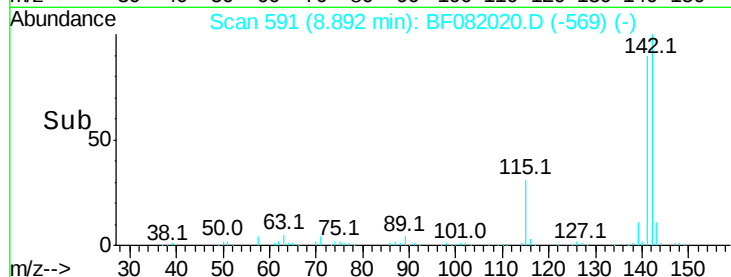
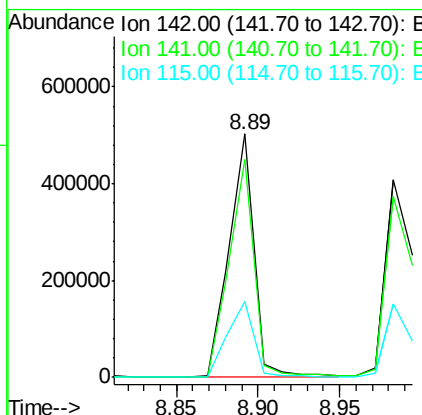
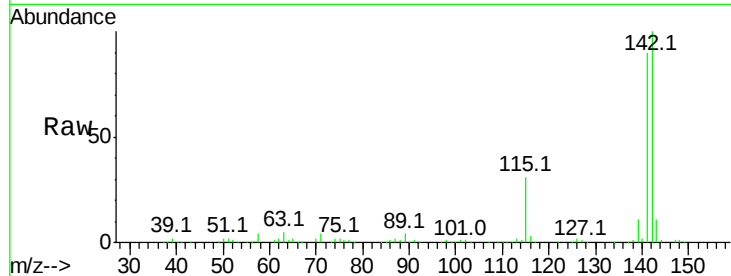
#37
 2-Methylnaphthalene
 Concen: 39.11 ng
 RT: 8.89 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.5	101.3
115	31.4	18.2	27.2

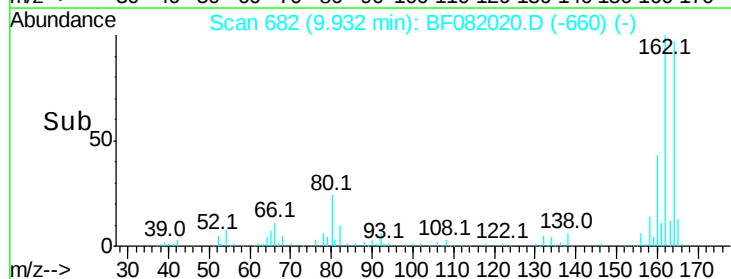
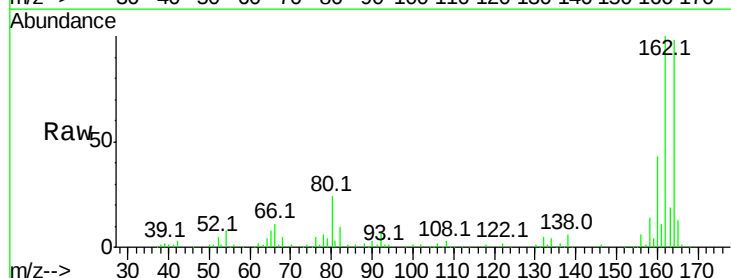
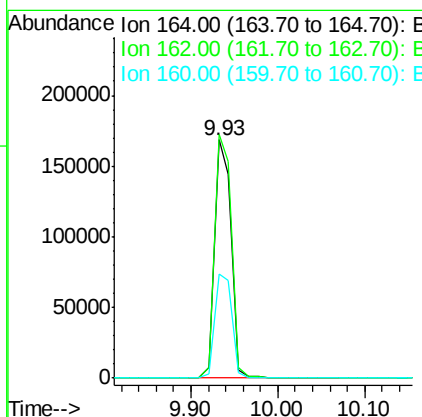
Manual Integrations
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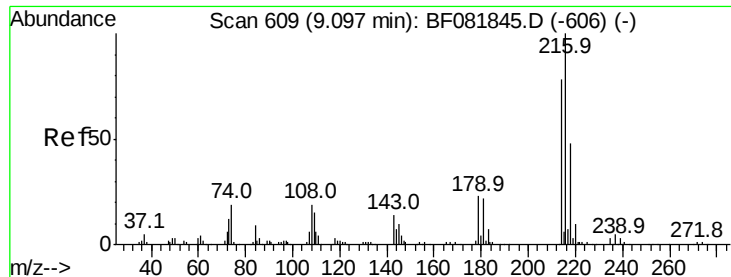
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 10/5/2015 6:29:29 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	75.2	112.8
160	43.4	31.5	47.3





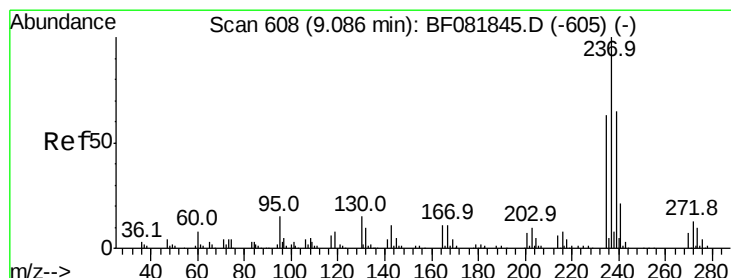
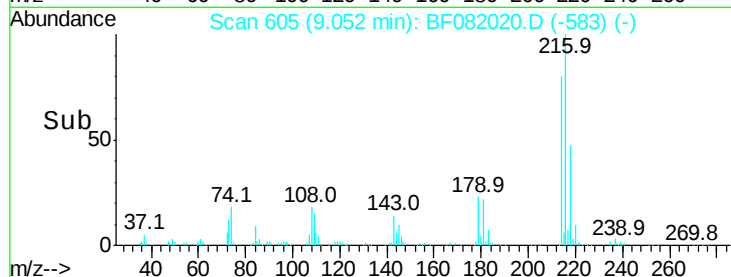
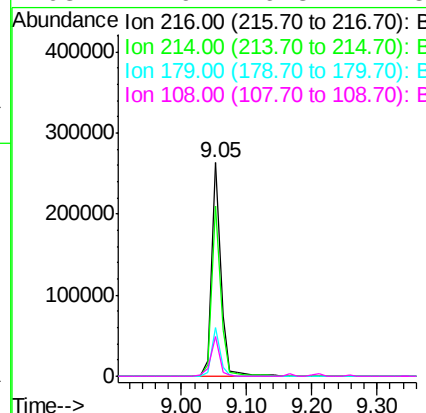
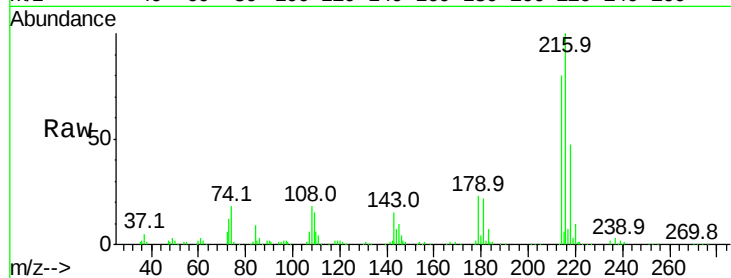
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.30 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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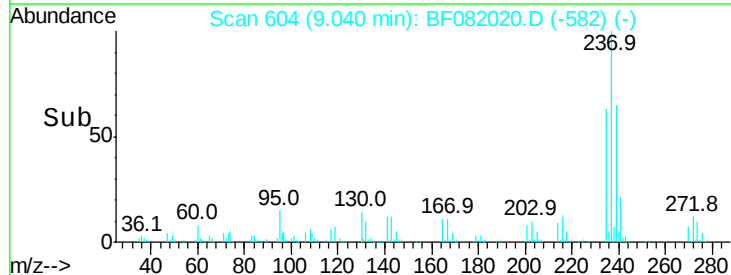
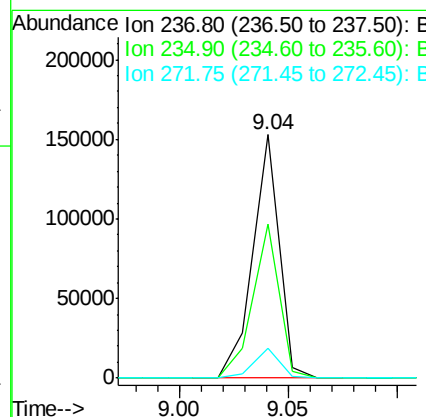
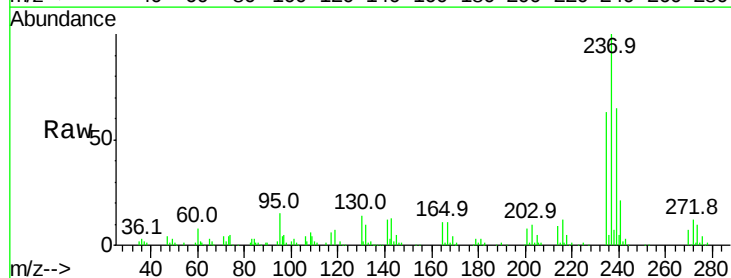
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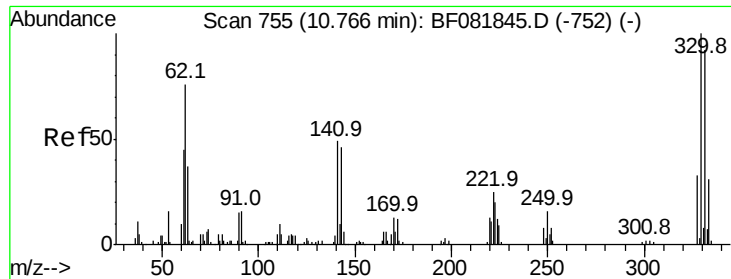
Tot Ion	Ratio	Resp	Lower	Upper
216	100	259611		
214	78.7	63.5	95.3	
179	20.8	16.6	24.8	
108	17.9	16.3	24.5	



#40
 Hexachlorocyclopentadiene
 Concen: 35.92 ng
 RT: 9.04 min Scan# 604
 Delta R.T. -0.04 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	128742		
235	63.1	42.0	82.0	
272	12.4	0.0	36.1	





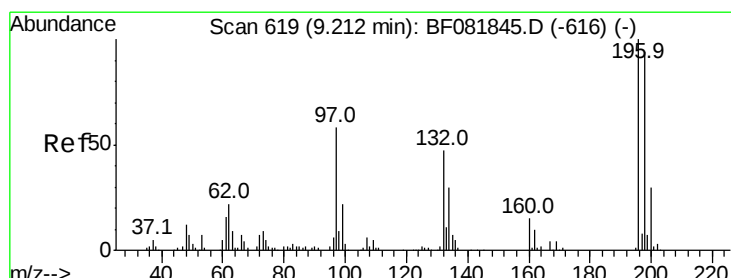
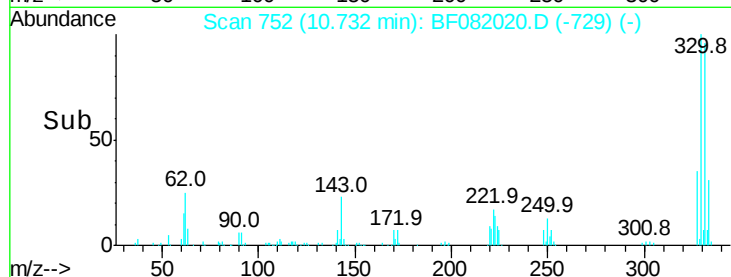
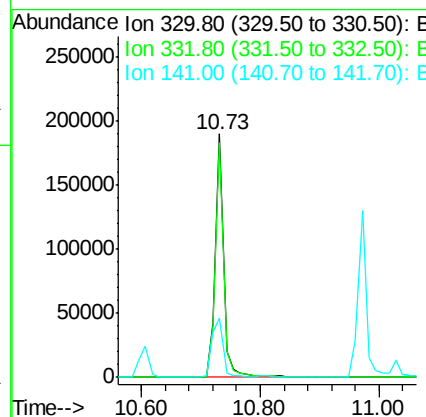
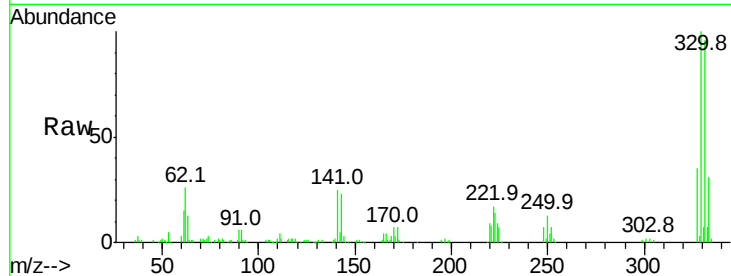
#41
 2,4,6-Tribromophenol
 Concen: 81.78 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	187748		
332	96.4	76.6	114.8	
141	33.4	29.7	44.5	

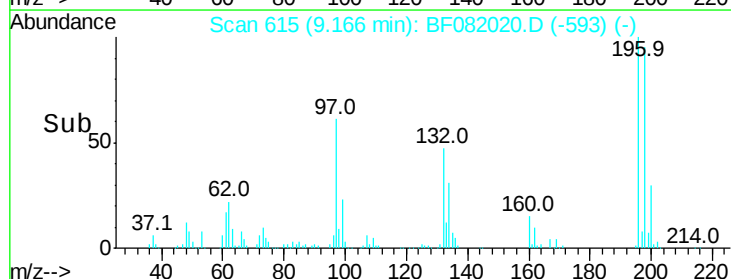
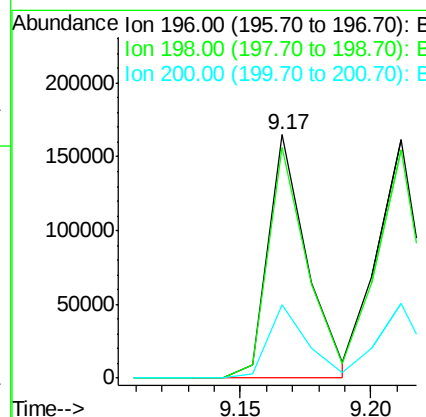
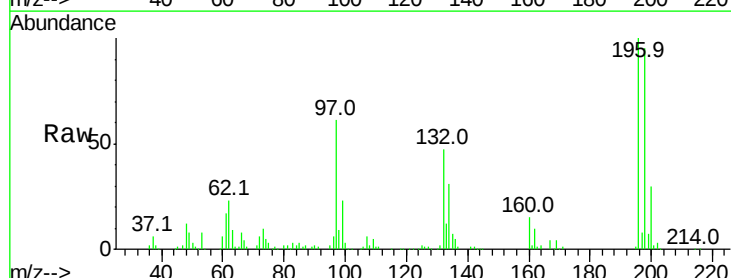
Manual Integrations
 APPROVED

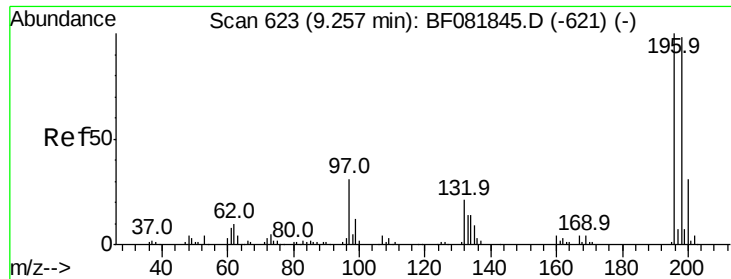
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 10/5/2015 6:29:29 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.85 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171037		
198	94.6	75.7	113.5	
200	30.0	23.9	35.9	





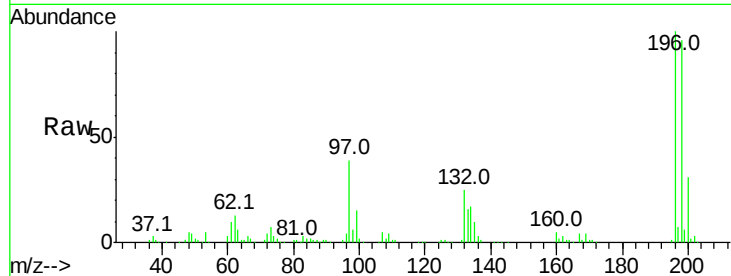
#43
 2,4,5-Trichlorophenol
 Concen: 41.67 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

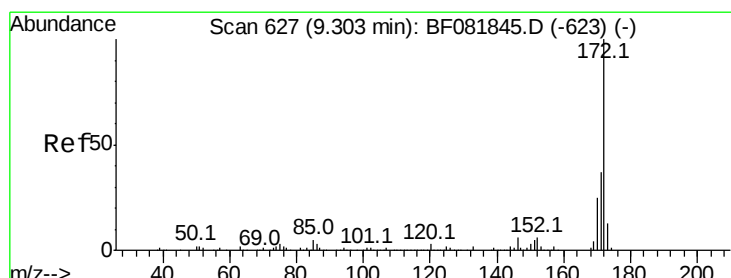
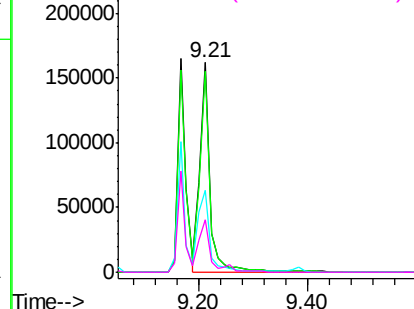
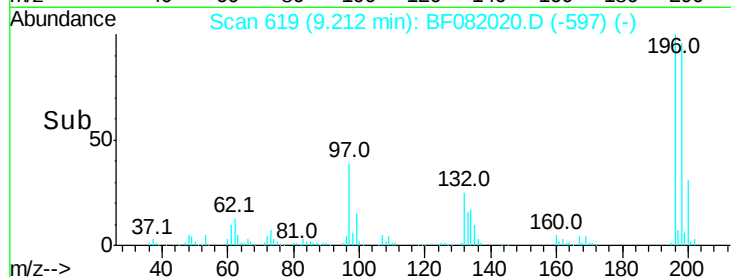
Tot Ion	Ratio	Resp	Lower	Upper
196	100	204454		
198	95.6	75.4	113.0	
97	39.3	33.3	49.9	
132	25.1	24.6	37.0	

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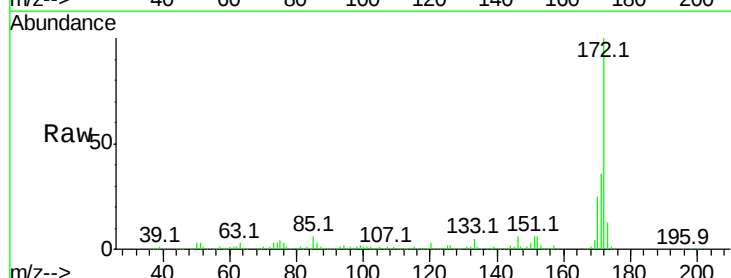


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

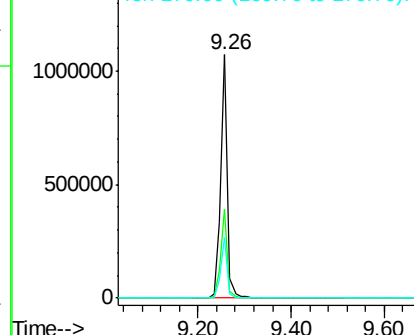
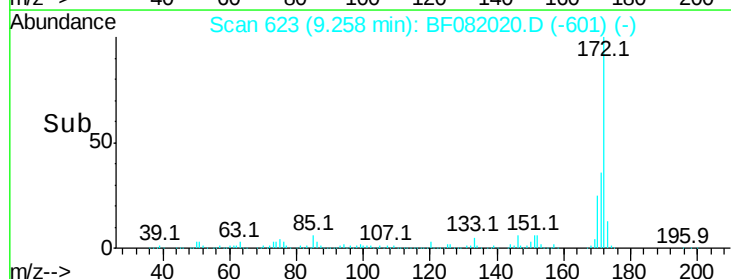


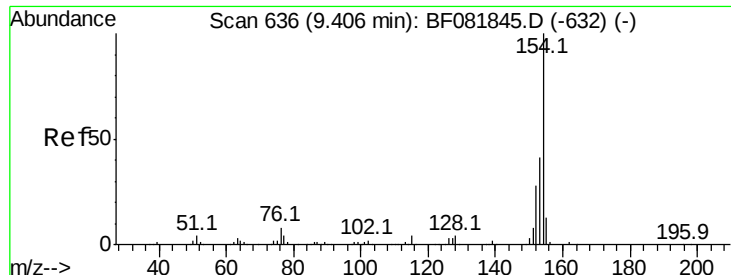
#44
 2-Fluorobiphenyl
 Concen: 78.27 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1076759		
171	36.5	26.1	39.1	
170	24.9	17.4	26.2	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





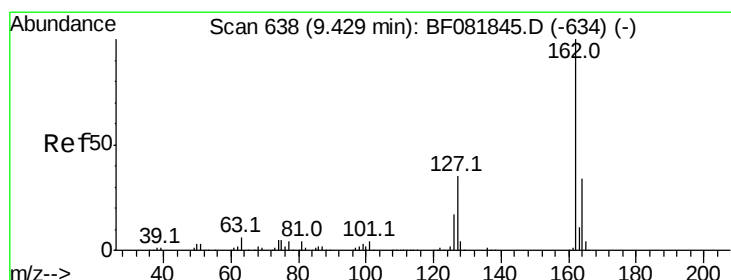
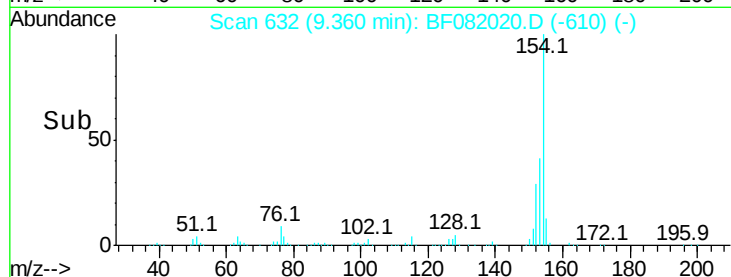
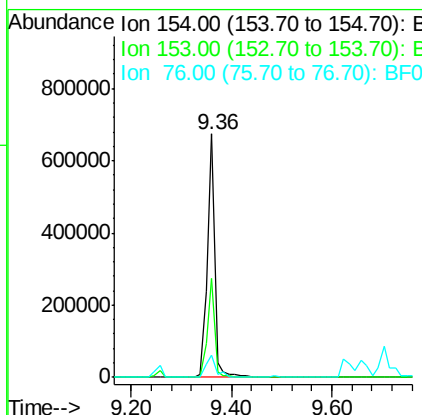
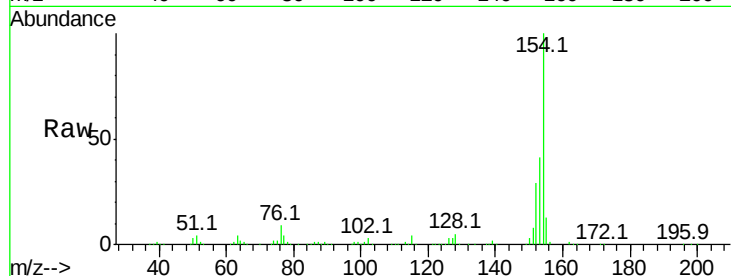
#45
 1,1'-Biphenyl
 Concen: 39.55 ng
 RT: 9.36 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	17.1	57.1	
76	9.3	0.0	31.6	

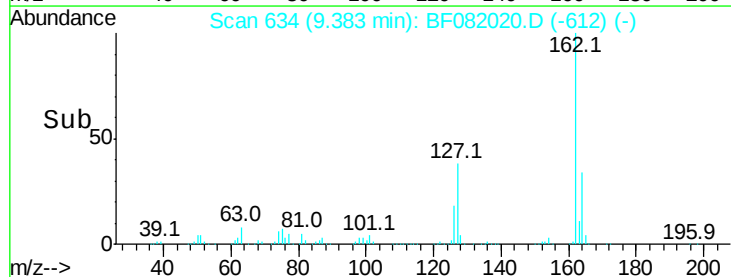
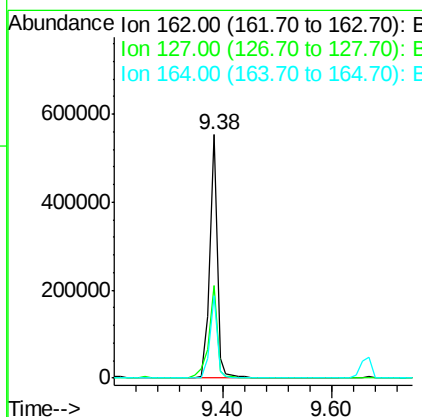
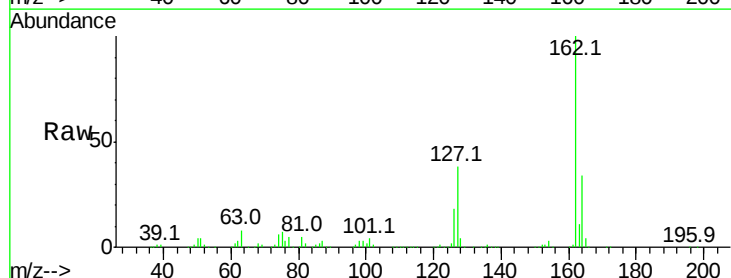
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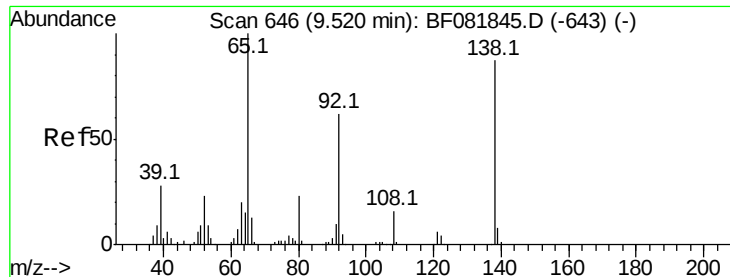
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#46
 2-Chloronaphthalene
 Concen: 39.13 ng
 RT: 9.38 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.2	27.6	41.4	
164	33.7	25.4	38.2	





#47

2-Nitroaniline

Concen: 42.62 ng

RT: 9.49 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

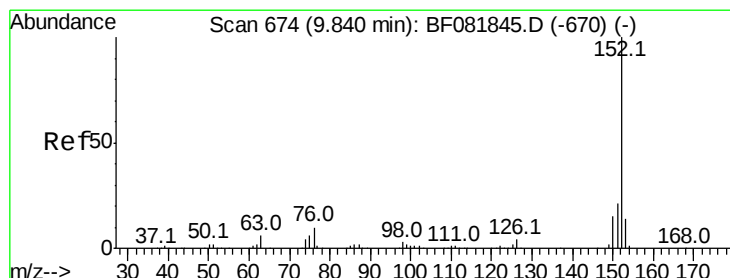
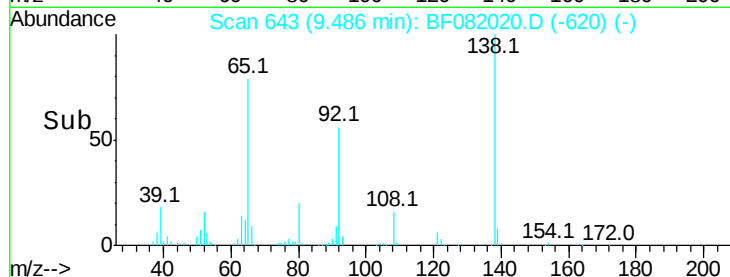
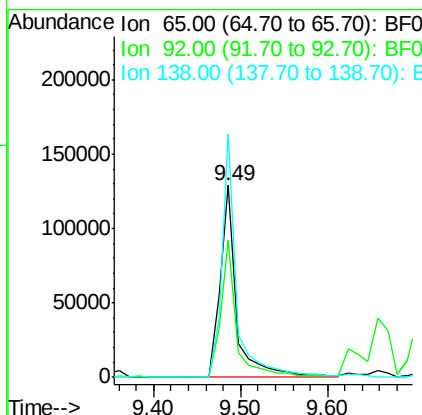
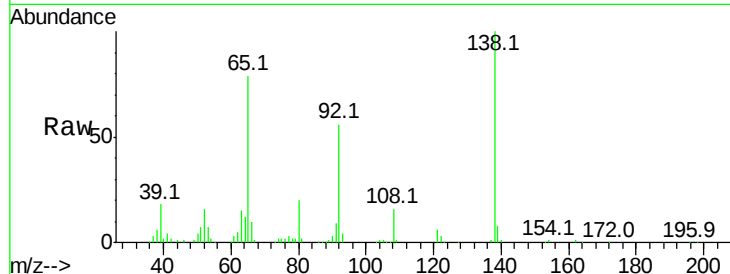
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	171792
Ion Ratio	Lower	Upper	
65	100		
92	71.4	55.4	83.0
138	126.8	115.5	173.3

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#48

Acenaphthylene

Concen: 36.12 ng

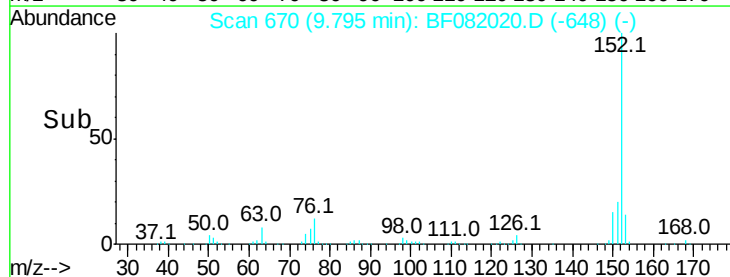
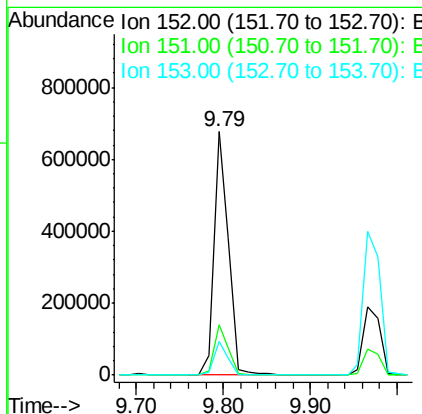
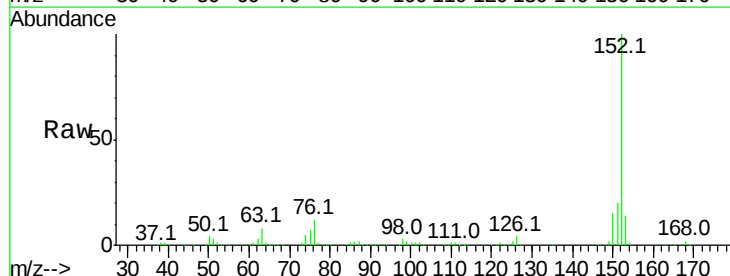
RT: 9.79 min Scan# 670

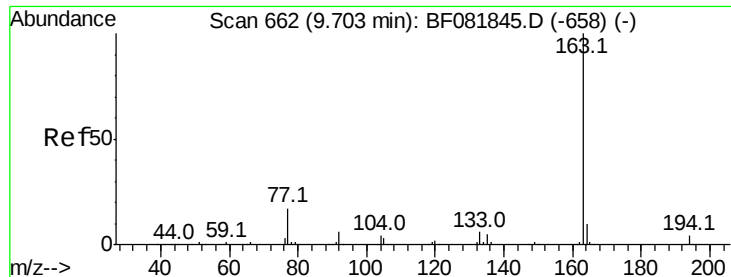
Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	152	Resp:	793908
Ion Ratio	Lower	Upper	
152	100		
151	20.5	14.6	22.0
153	14.0	10.3	15.5





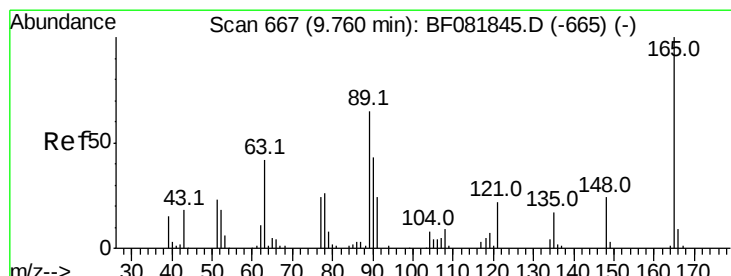
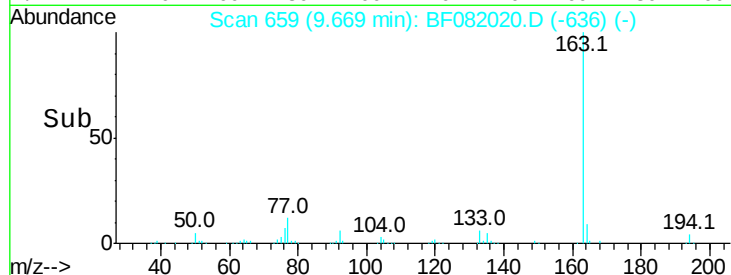
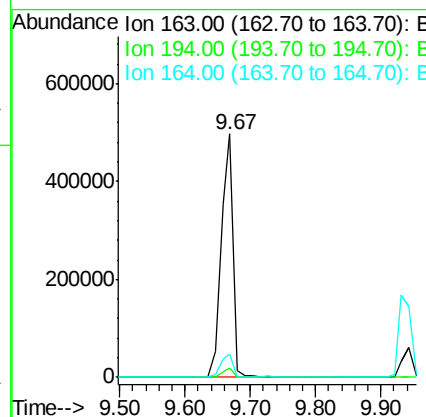
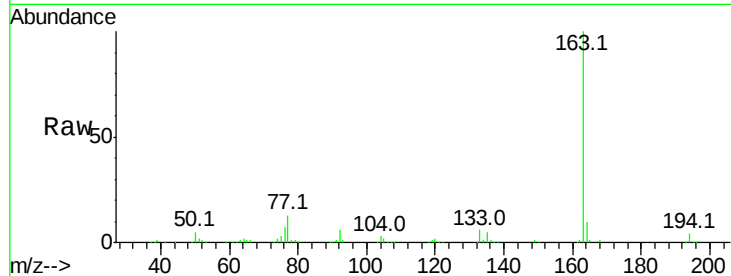
#49
Dimethylphthalate
Concen: 41.00 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	641599		
194	4.0		4.4	6.6#
164	9.8		8.3	12.5

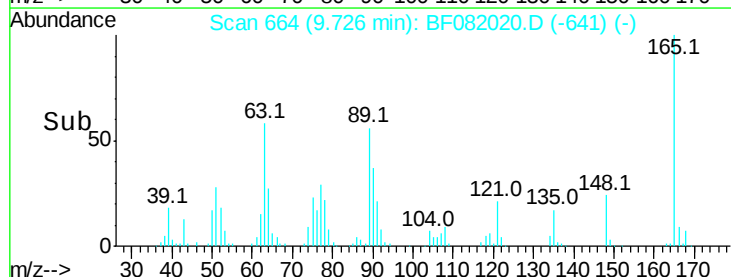
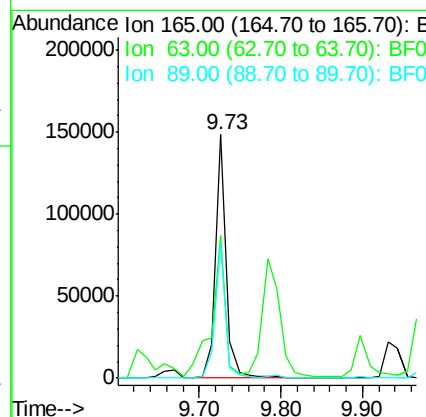
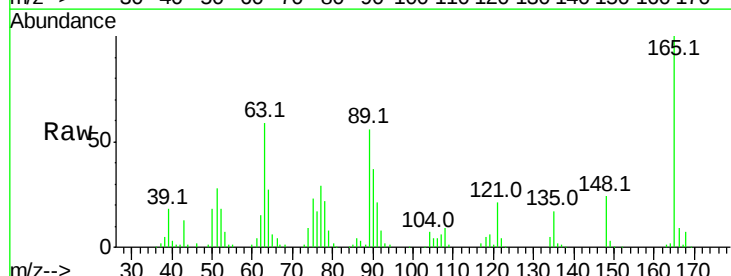
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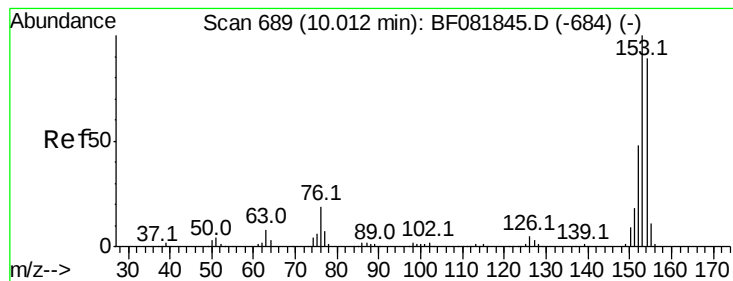
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#50
2,6-Dinitrotoluene
Concen: 40.72 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	138328		
63	58.7		32.3	48.5#
89	55.5		28.6	43.0#





#51

Acenaphthene

Concen: 38.64 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

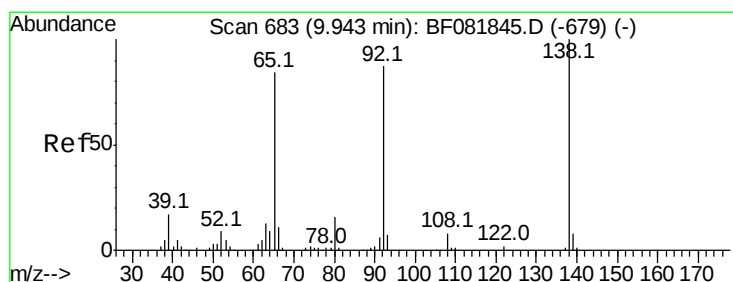
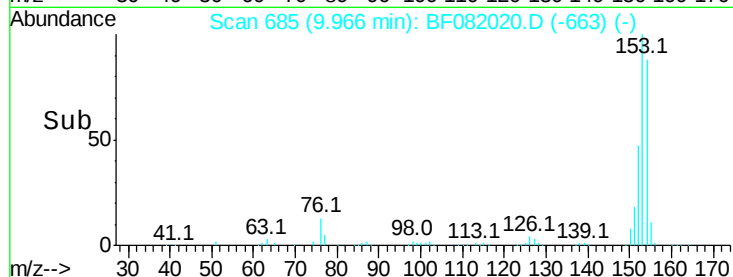
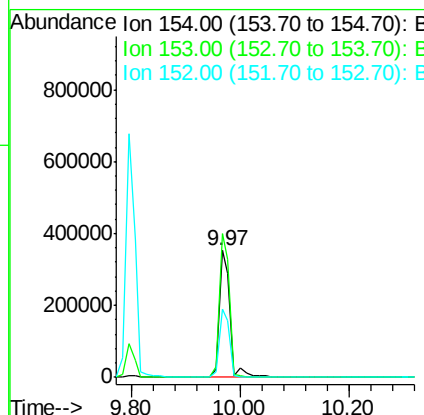
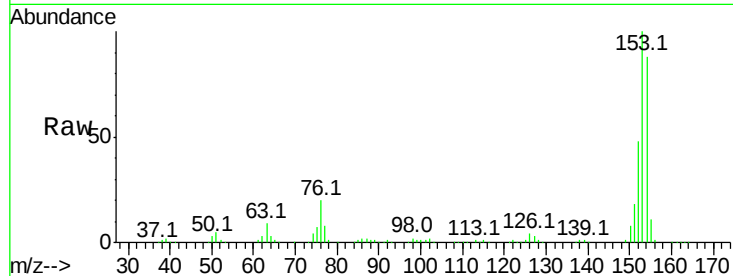
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	504357
Ion Ratio	Lower	Upper	
154	100		
153	113.1	82.1	123.1
152	54.0	37.9	56.9

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#52

3-Nitroaniline

Concen: 42.41 ng

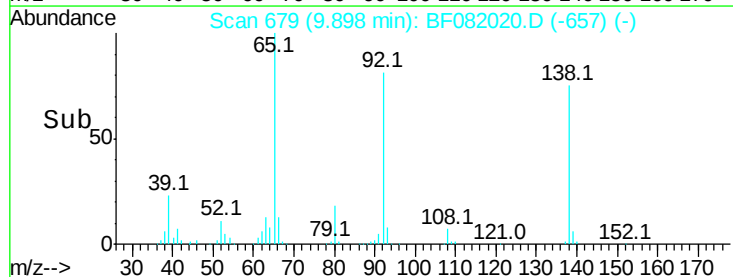
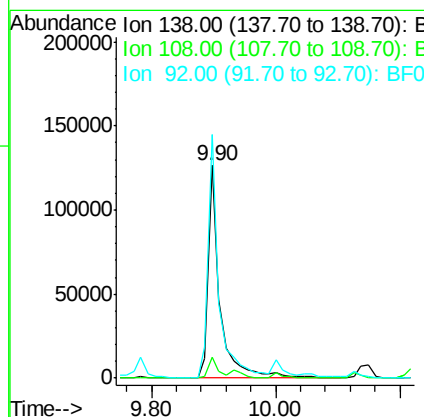
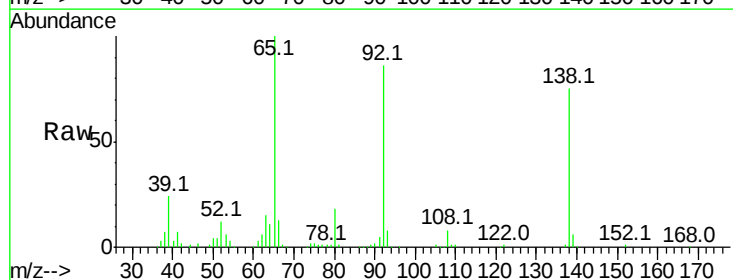
RT: 9.90 min Scan# 679

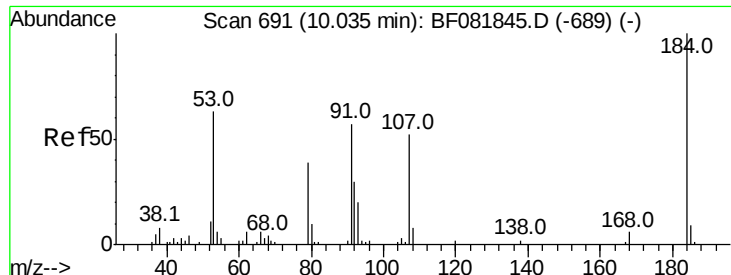
Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	138	Resp:	166680
Ion Ratio	Lower	Upper	
138	100		
108	10.1	5.7	8.5#
92	114.6	67.7	101.5#





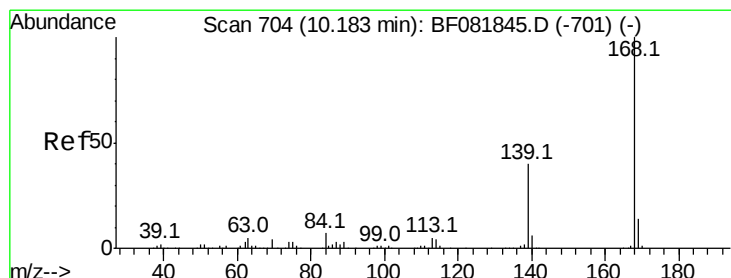
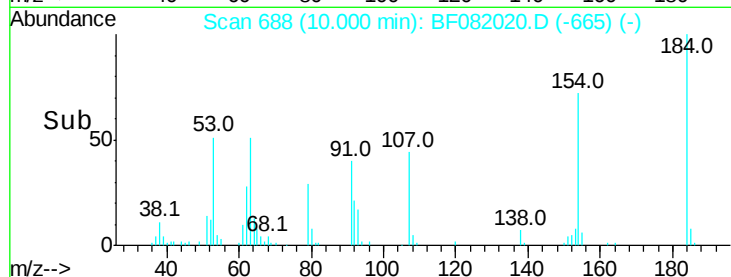
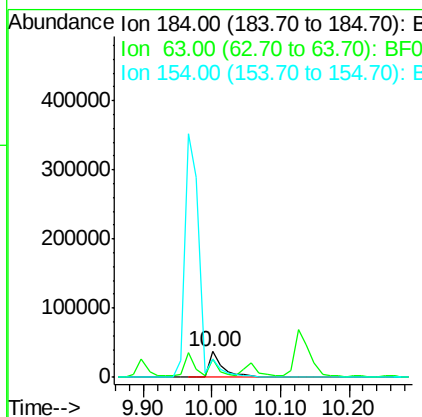
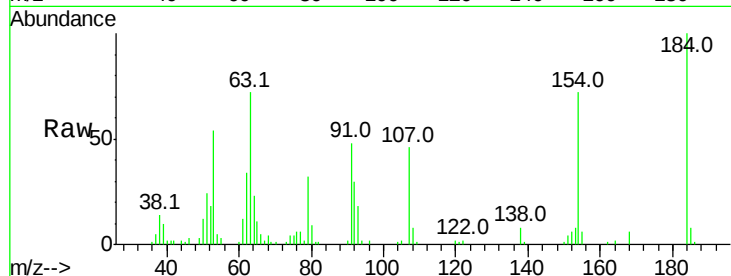
#53
2,4-Dinitrophenol
Concen: 46.40 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	71.7	35.4	53.2#
154	72.3	32.2	48.4#

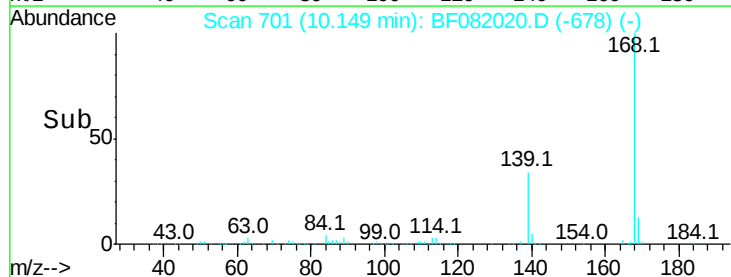
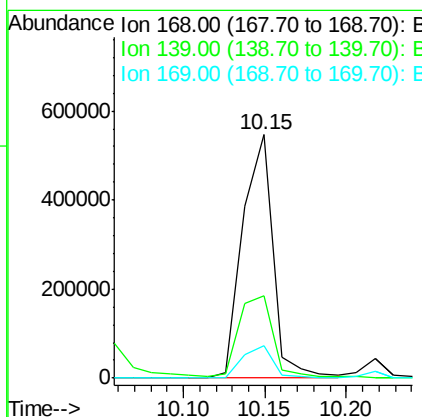
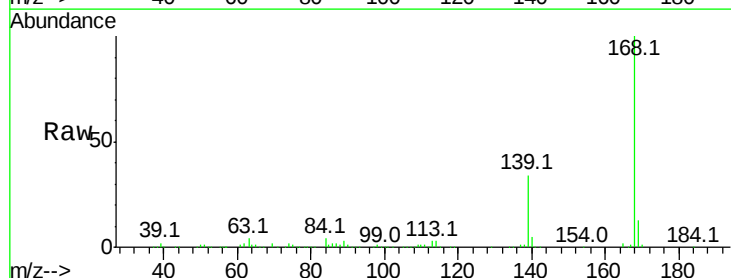
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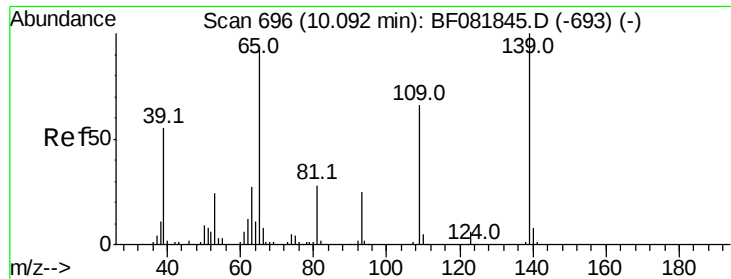
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#54
Dibenzofuran
Concen: 38.14 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.9	24.2	36.2
169	13.3	10.6	15.8





#55

4-Nitrophenol

Concen: 38.23 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 108567
Ion Ratio Lower Upper

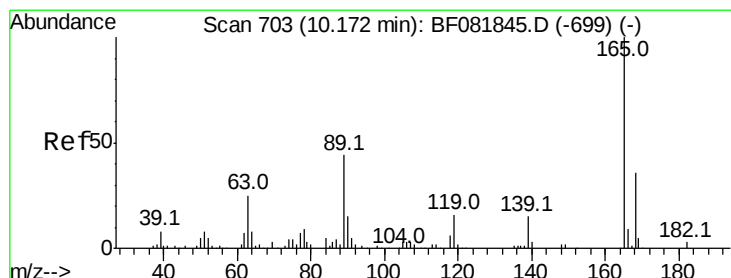
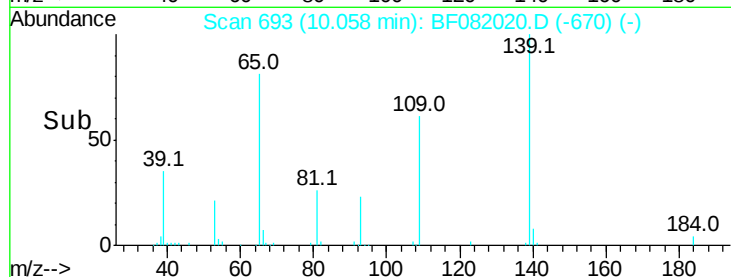
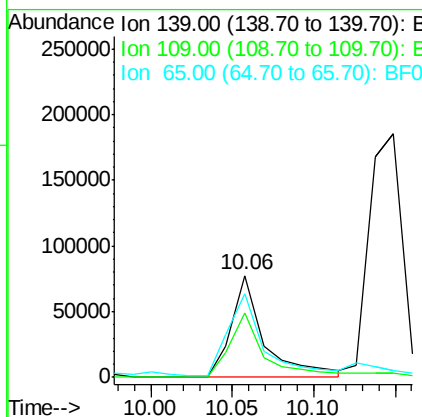
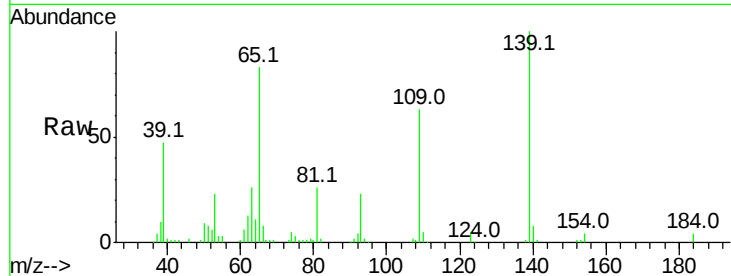
139 100

109 63.5 12.7 52.7#

65 82.6 45.9 85.9

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#56

2,4-Dinitrotoluene

Concen: 42.33 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

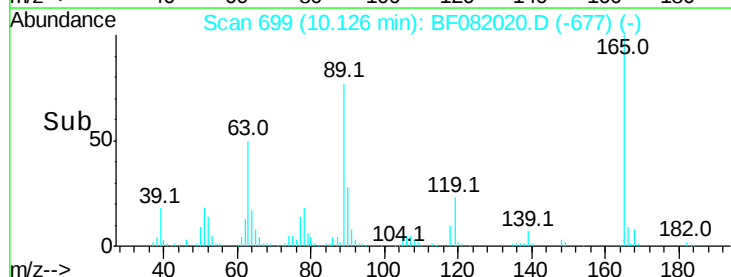
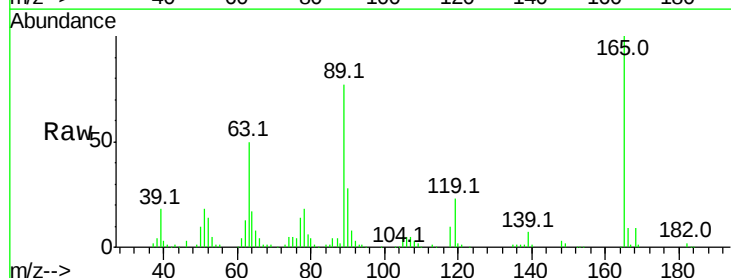
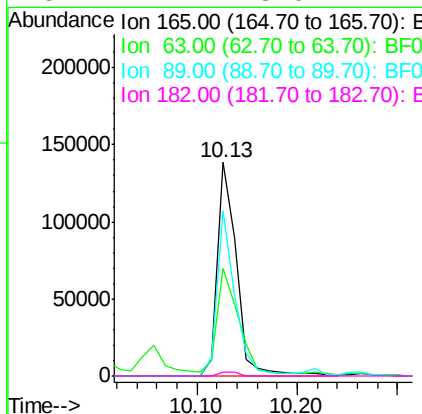
Tgt Ion:165 Resp: 183322
Ion Ratio Lower Upper

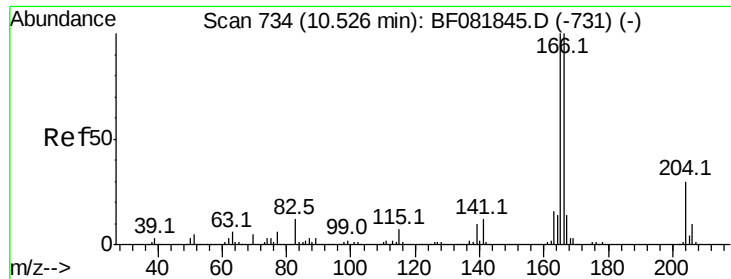
165 100

63 50.5 29.8 44.6#

89 77.4 44.5 66.7#

182 2.1 3.0 4.4#





#57

Fluorene

Concen: 43.95 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

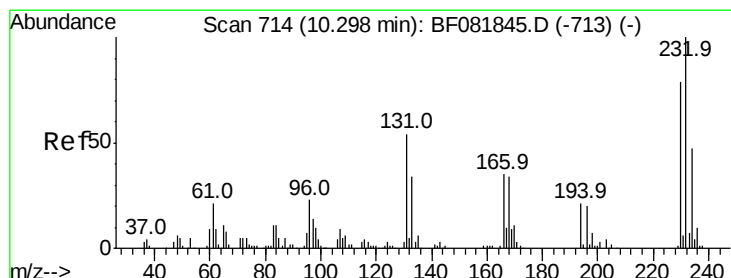
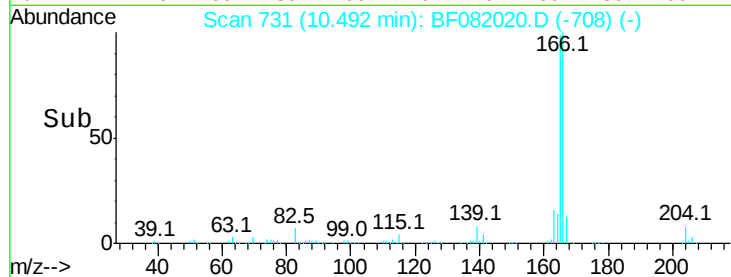
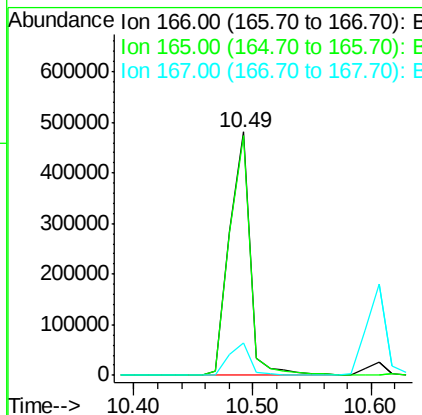
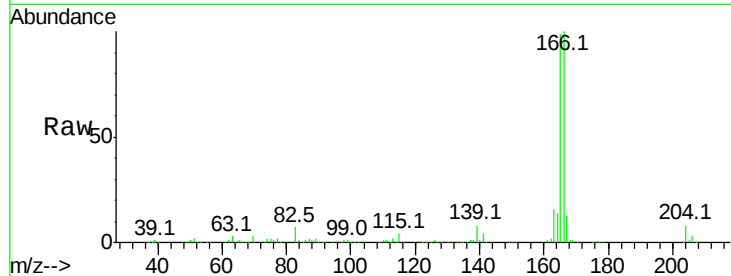
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	580395
Ion Ratio	Lower	Upper	
166	100		
165	98.5	72.6	109.0
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.15 ng m

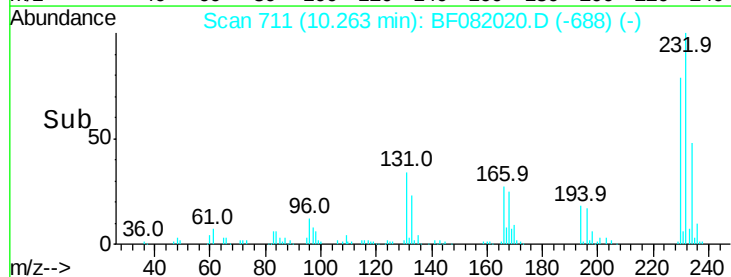
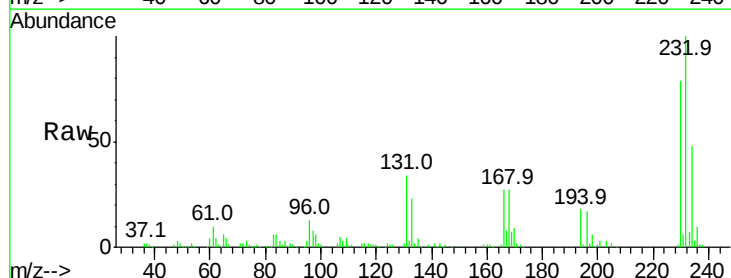
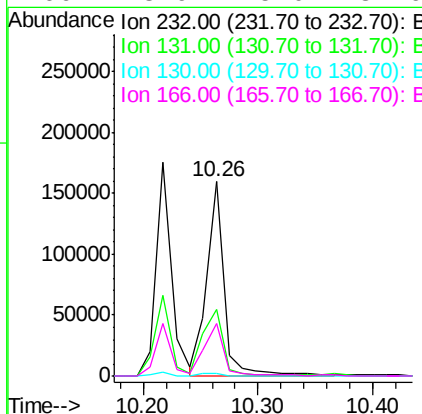
RT: 10.26 min Scan# 711

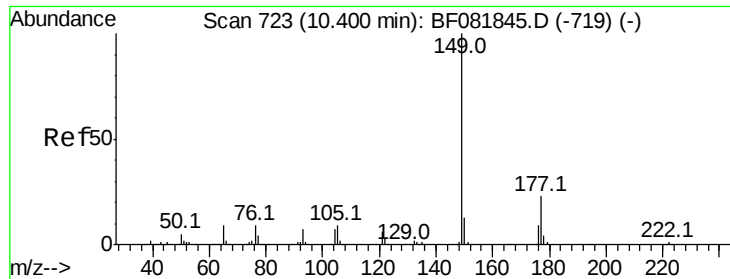
Delta R.T. -0.03 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	232	Resp:	167919
Ion Ratio	Lower	Upper	
232	100		
131	37.3	38.5	57.7#
130	1.9	1.8	2.6
166	23.9	25.0	37.6#





#59

Diethylphthalate

Concen: 42.84 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

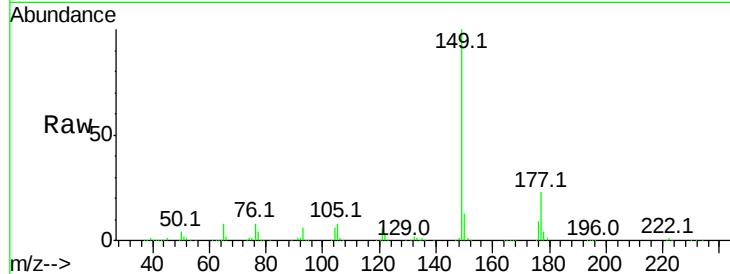
ClientSampleId :

SSTDCCC040

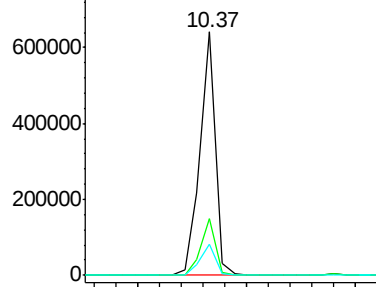
Tot Ion:	149	Resp:	626209
Ion Ratio	Lower	Upper	
149	100		
177	23.2	17.5	26.3
150	12.7	9.4	14.2

Manual Integrations
APPROVED

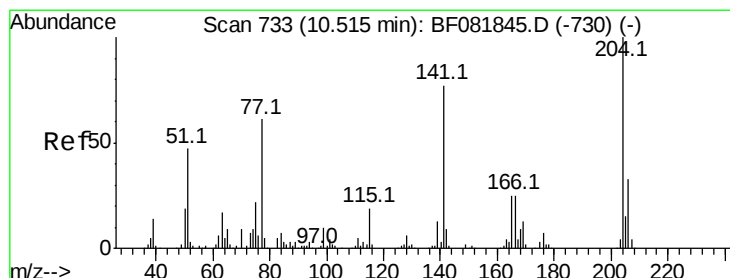
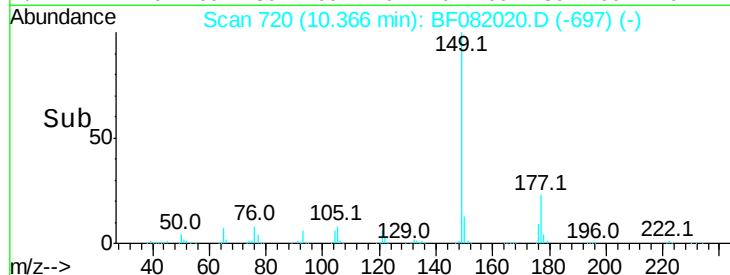
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 40.64 ng

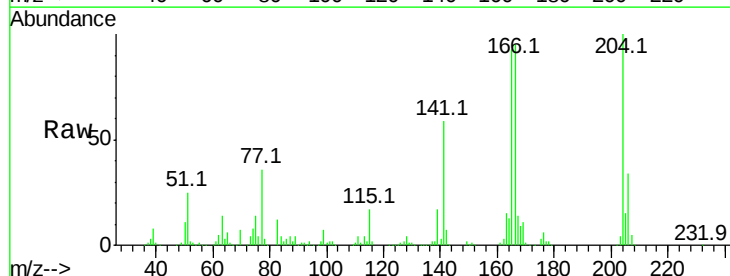
RT: 10.48 min Scan# 730

Delta R.T. -0.03 min

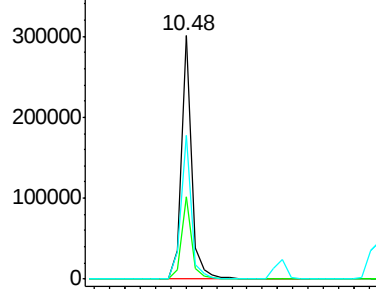
Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

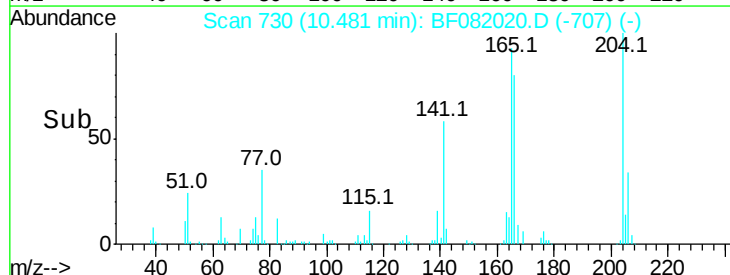
Tgt Ion:	204	Resp:	274465
Ion Ratio	Lower	Upper	
204	100		
206	34.0	24.8	37.2
141	58.9	42.2	63.4

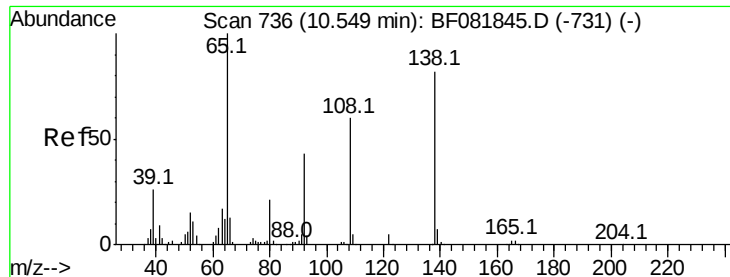


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 44.08 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

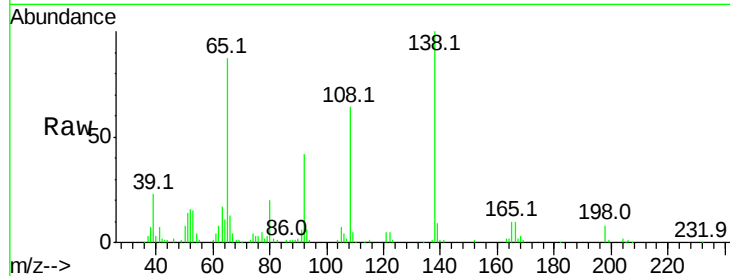
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	173701
Ion Ratio	Lower	Upper	
138	100		
92	41.9	12.6	52.6
108	64.3	12.4	52.4#

Manual Integrations
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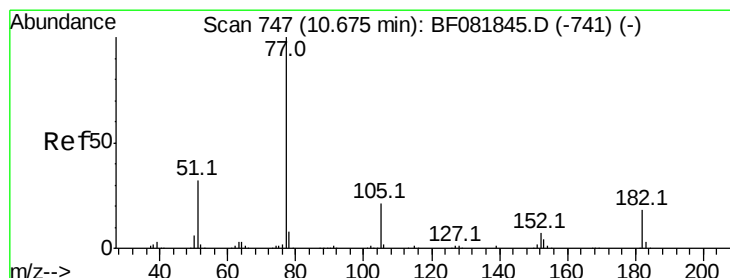
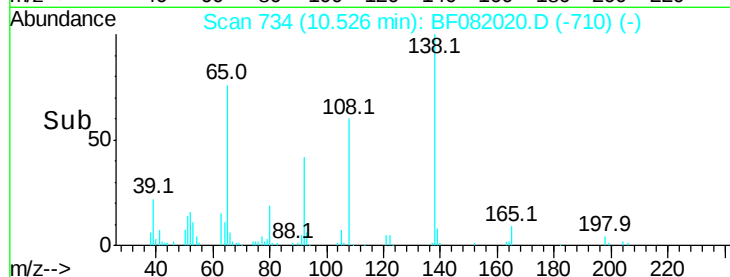
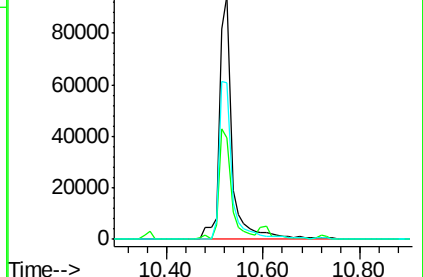
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.15 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

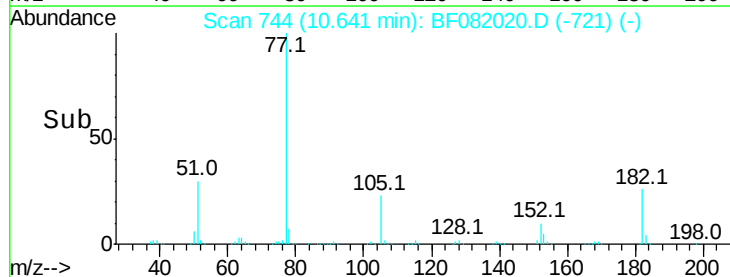
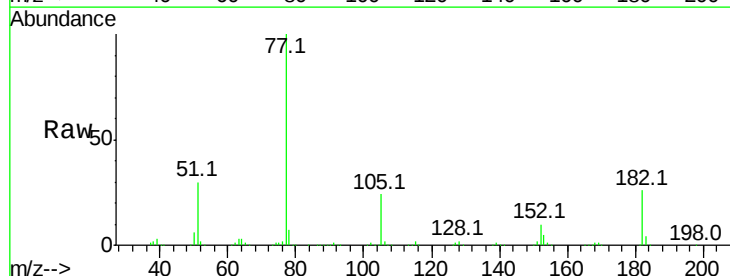
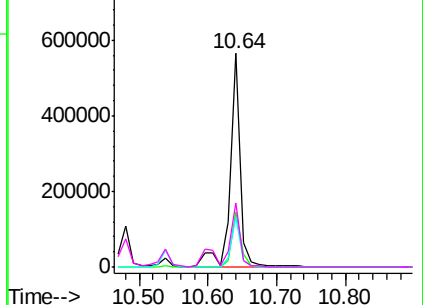
Tgt Ion:	77	Resp:	587019
Ion Ratio	Lower	Upper	
77	100		
182	25.9	15.1	55.1
105	23.6	3.4	43.4
51	29.8	12.0	52.0

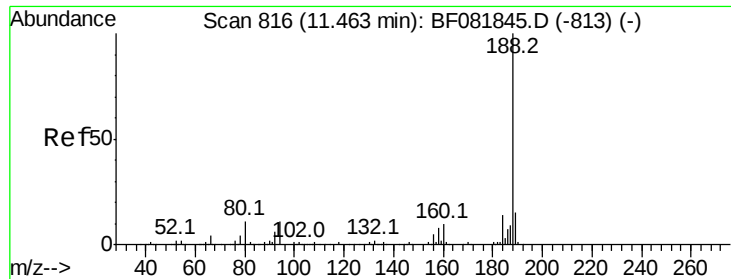
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.43 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

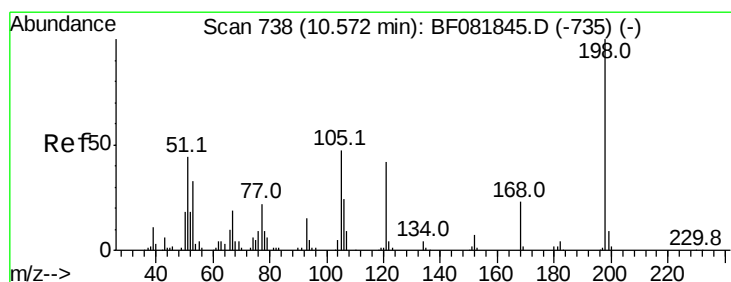
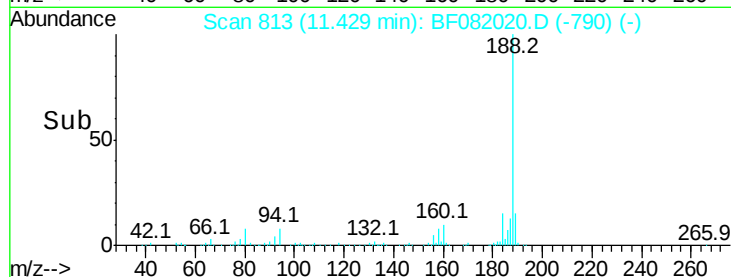
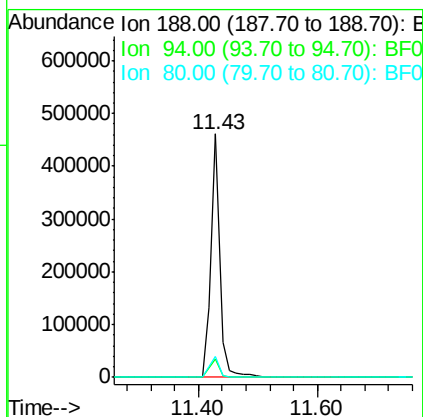
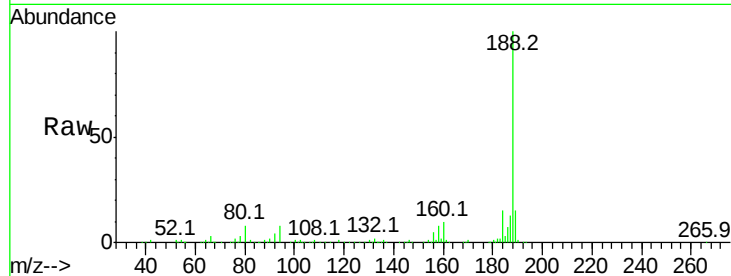
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	480951
Ion Ratio	Lower	Upper	
188	100		
94	7.7	11.1	16.7#
80	8.3	11.0	16.4#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 41.63 ng

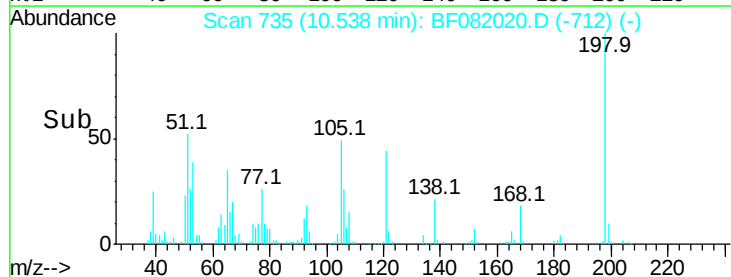
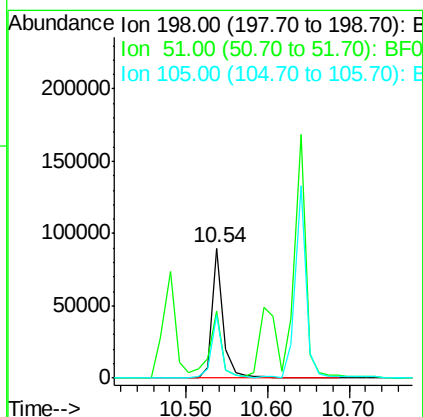
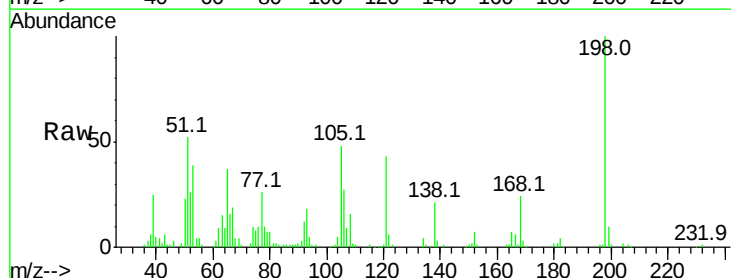
RT: 10.54 min Scan# 735

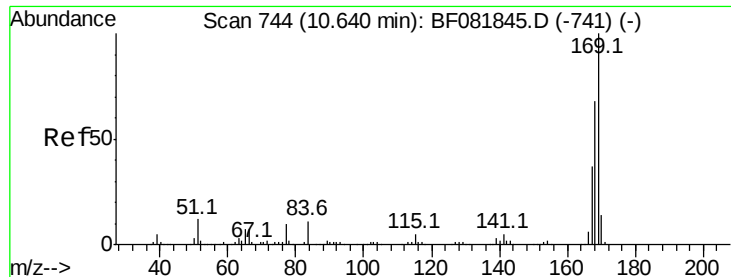
Delta R.T. -0.03 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	198	Resp:	87965
Ion Ratio	Lower	Upper	
198	100		
51	51.8	39.6	79.6
105	48.2	28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 37.71 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

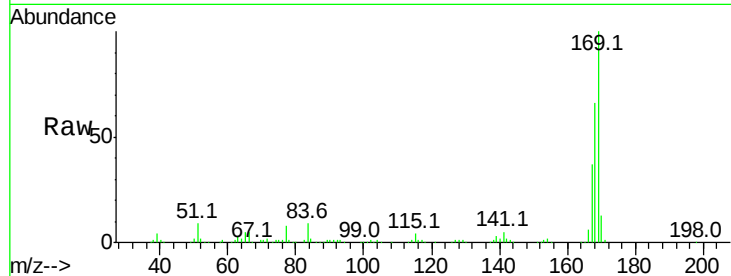
ClientSampleId :

SSTDCCC040

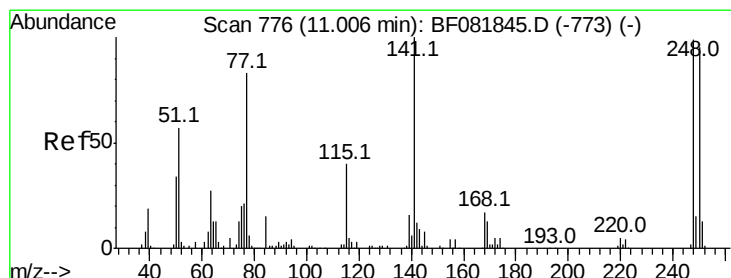
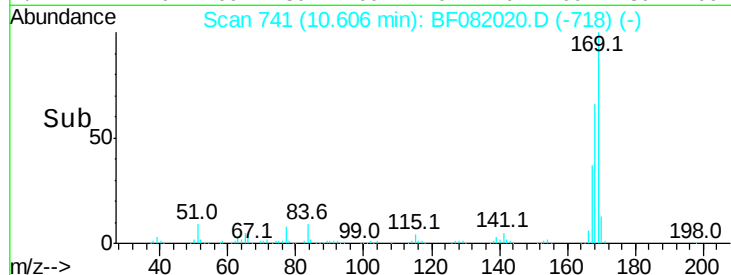
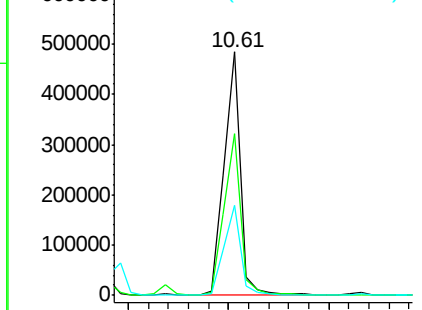
Tot Ion:	169	Resp:	548687
Ion Ratio	Lower	Upper	
169	100		
168	66.5	48.9	73.3
167	37.1	26.2	39.4

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



#66

4-Bromophenyl-phenylether

Concen: 37.84 ng

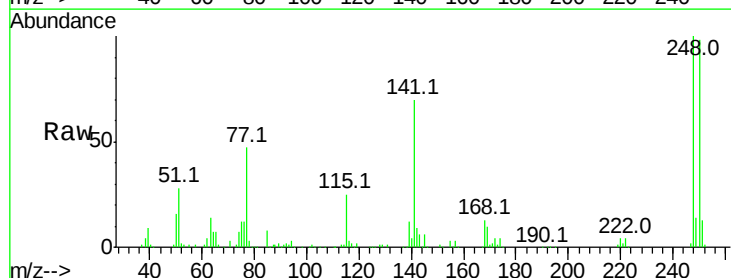
RT: 10.97 min Scan# 773

Delta R.T. -0.03 min

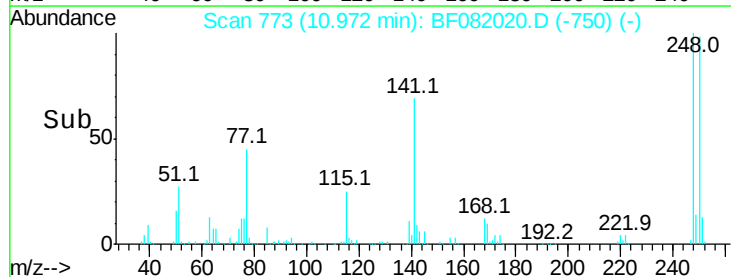
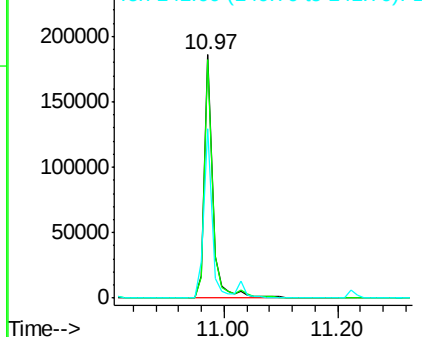
Lab File: BF082020.D

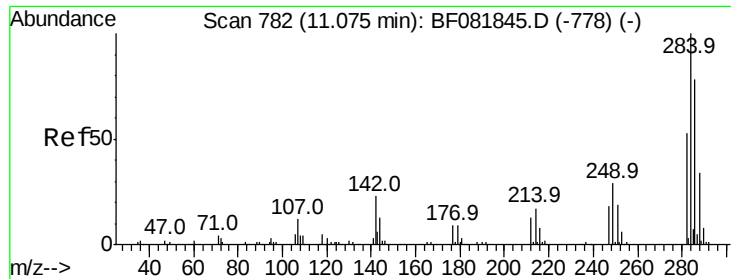
Acq: 3 Oct 2015 14:28

Tgt Ion:	248	Resp:	183515
Ion Ratio	Lower	Upper	
248	100		
250	98.0	78.5	117.7
141	69.7	59.0	88.6



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





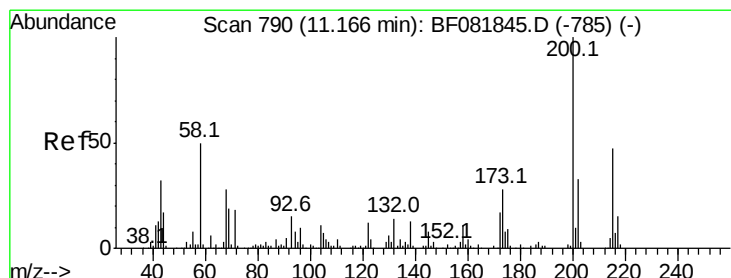
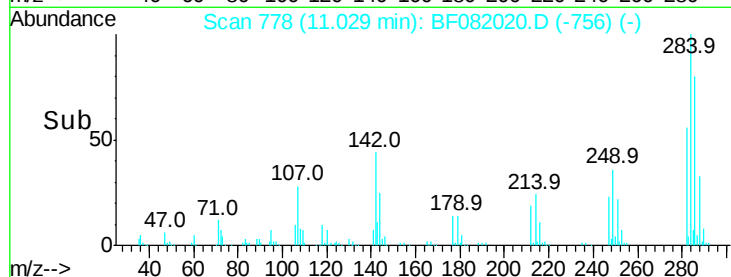
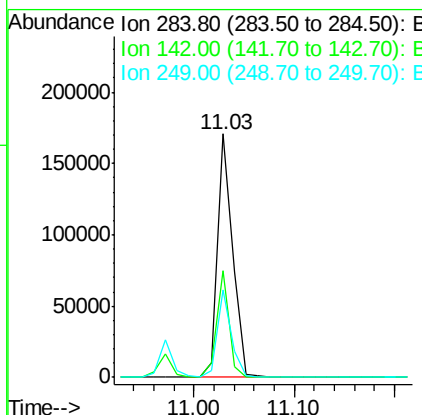
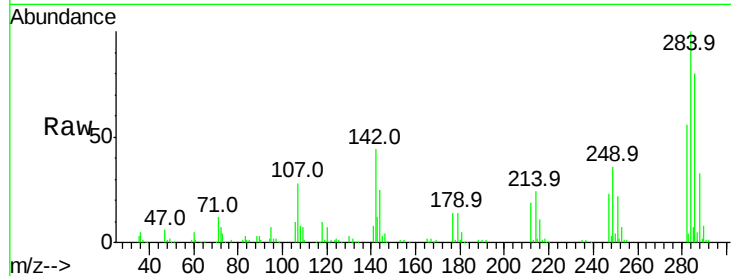
#67
Hexachlorobenzene
Concen: 32.61 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	43.8	29.5	44.3	
249	36.1	19.5	29.3	

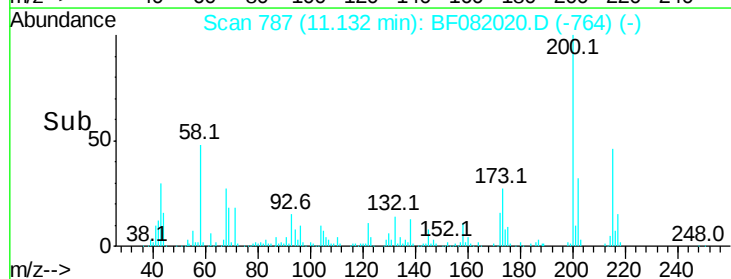
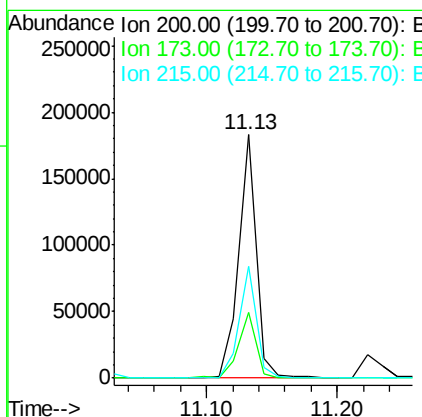
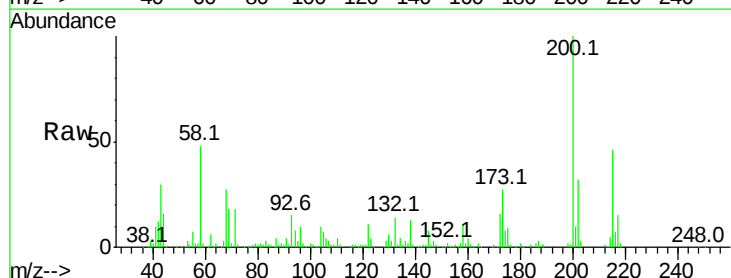
Manual Integrations
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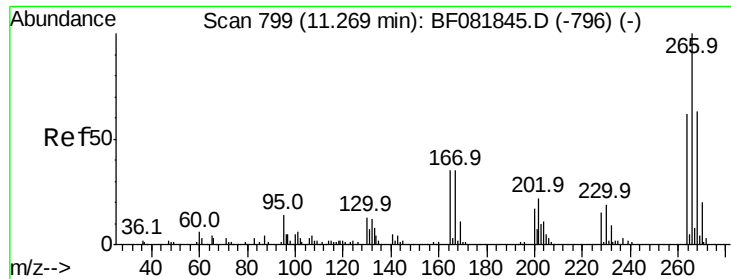
MMDADODA
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#68
Atrazine
Concen: 37.81 ng
RT: 11.13 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

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





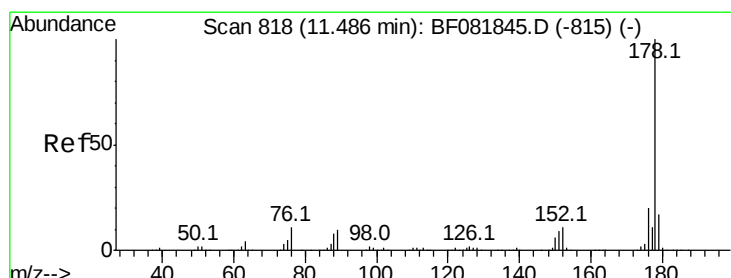
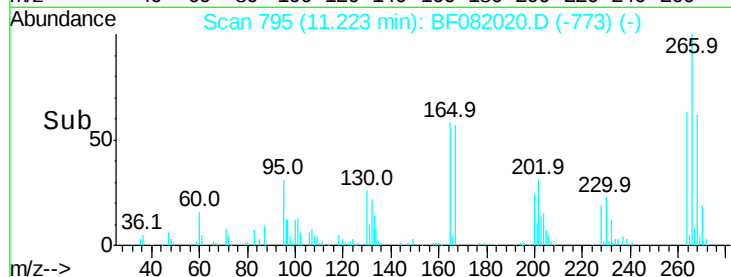
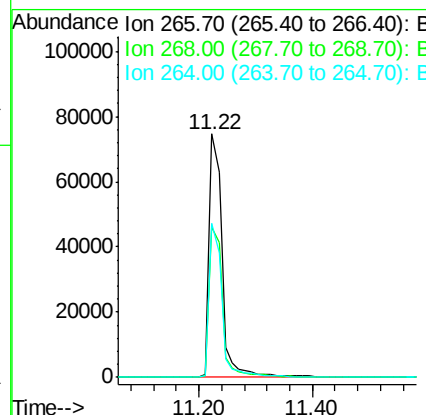
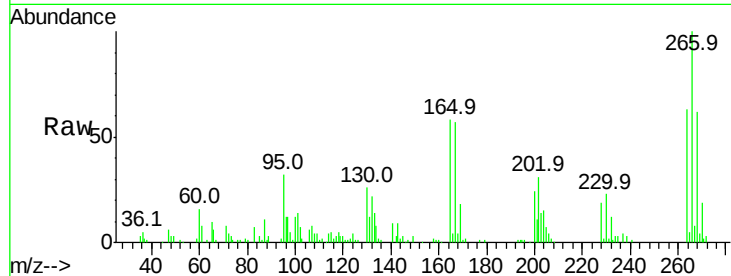
#69
 Pentachlorophenol
 Concen: 36.44 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.5	49.8	74.6	
264	63.3	50.2	75.2	

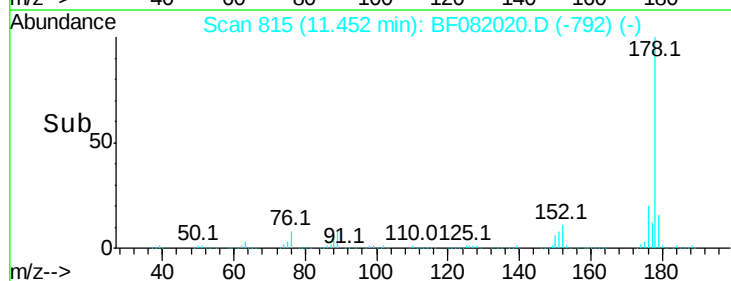
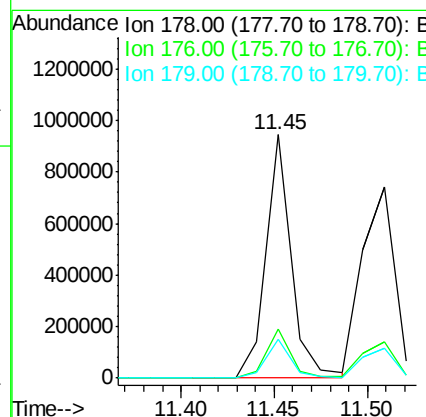
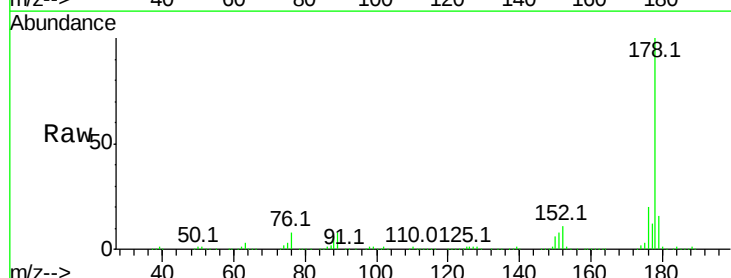
Manual Integrations
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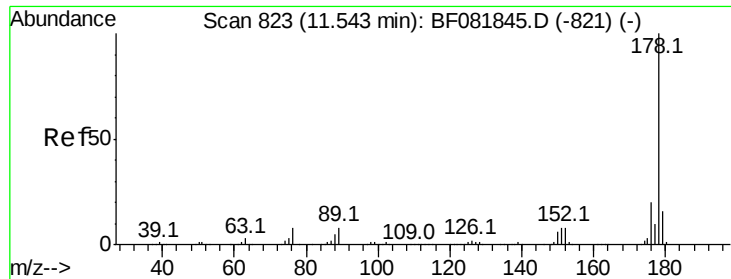
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#70
 Phenanthrene
 Concen: 37.96 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

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





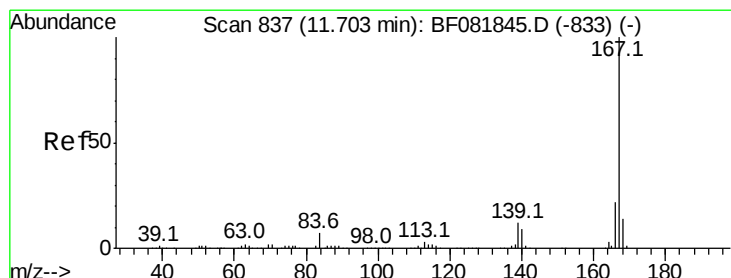
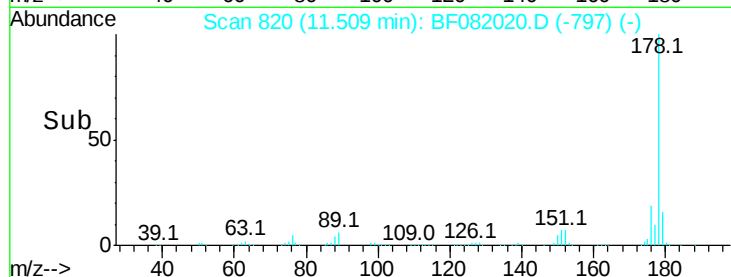
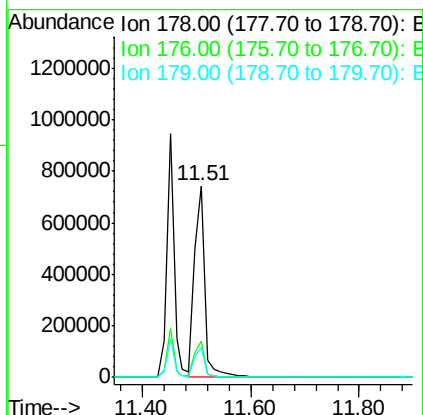
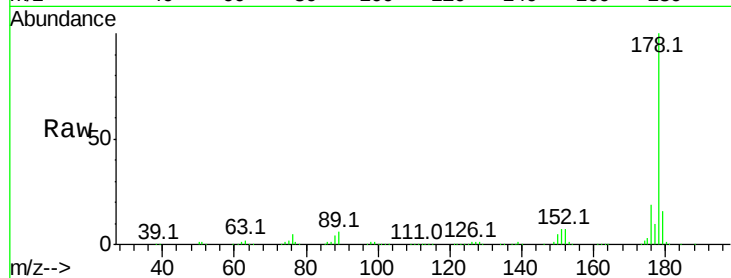
#71
 Anthracene
 Concen: 39.65 ng
 RT: 11.51 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	15.8	12.2	18.2

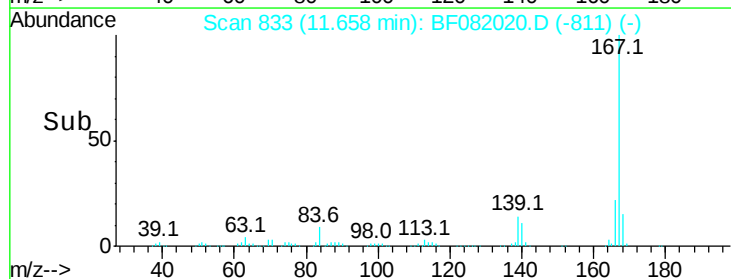
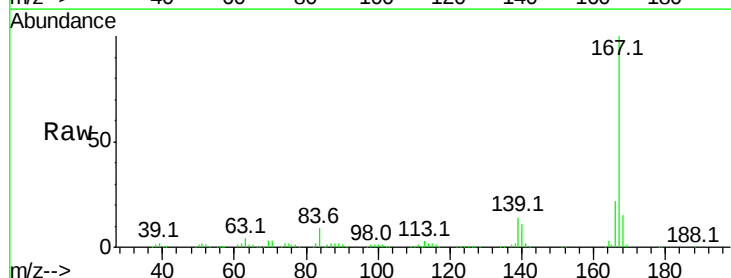
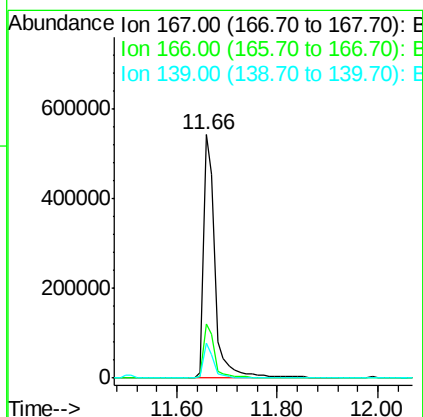
Manual Integrations
 APPROVED

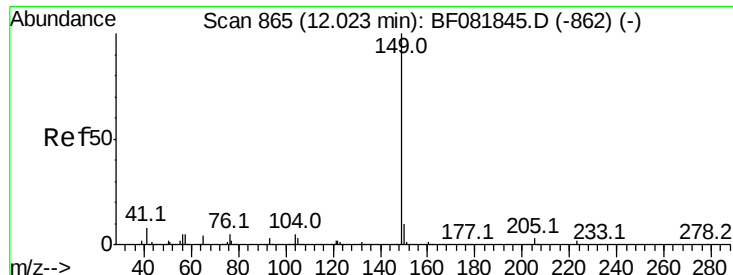
MMDADODA
 10/5/2015 6:29:29 PM



#72
 Carbazole
 Concen: 38.93 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	15.7	23.5
139	14.2	9.5	14.3





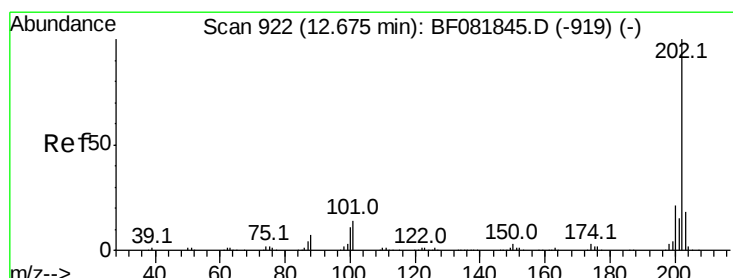
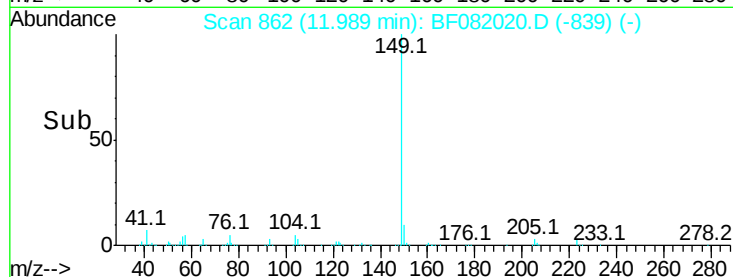
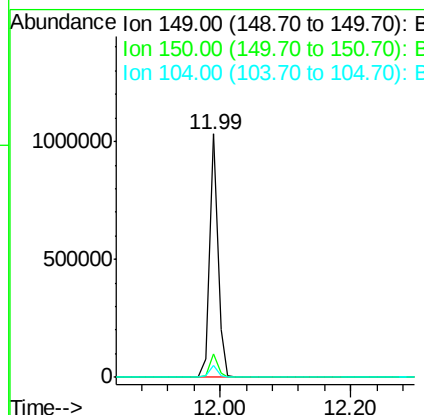
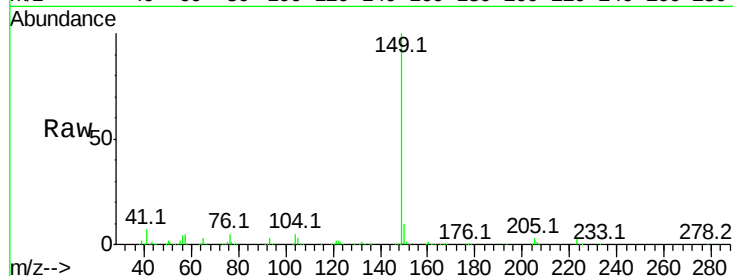
#73
Di-n-butylphthalate
Concen: 40.59 ng
RT: 11.99 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.7	7.4	11.2
104	4.9	2.4	3.6

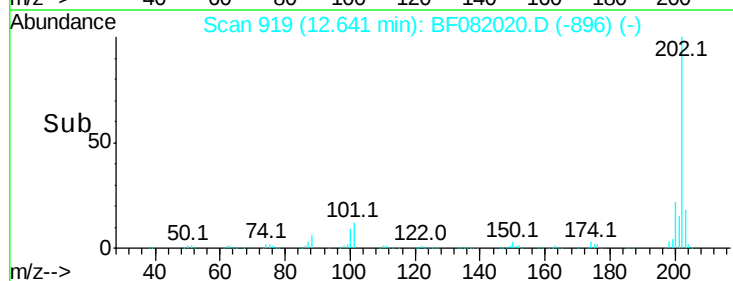
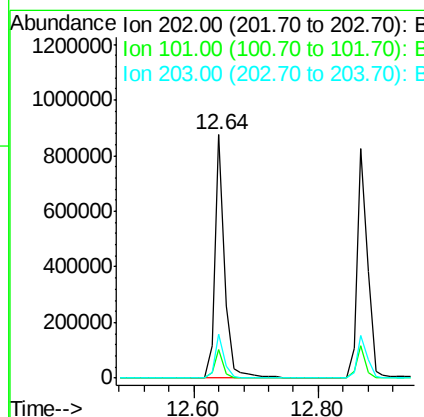
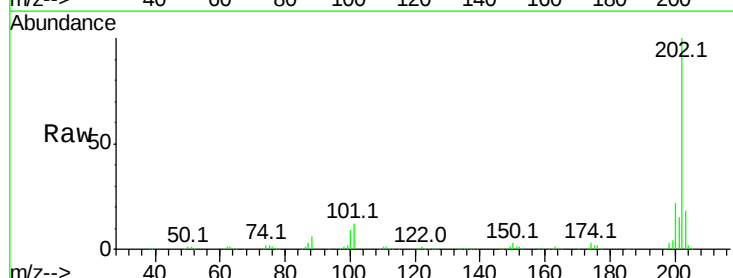
Manual Integrations
APPROVED

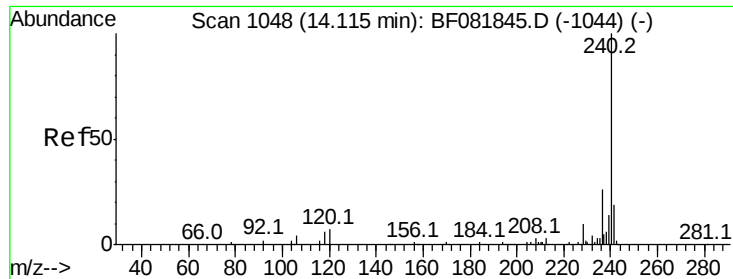
MMDADODA
10/5/2015 6:29:29 PM



#74
Fluoranthene
Concen: 36.37 ng
RT: 12.64 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	38.3
203	18.2	0.0	37.3





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

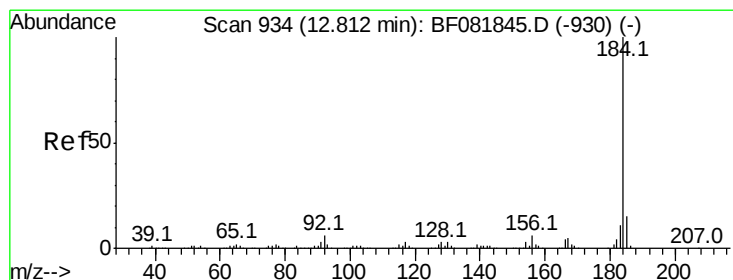
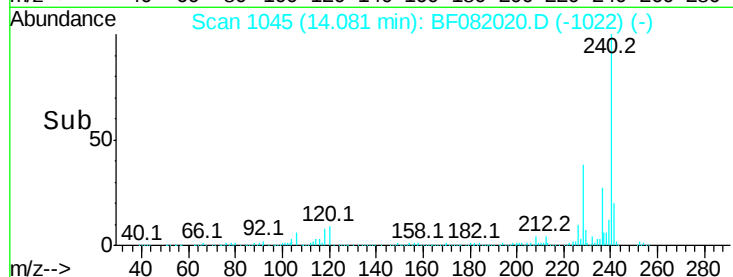
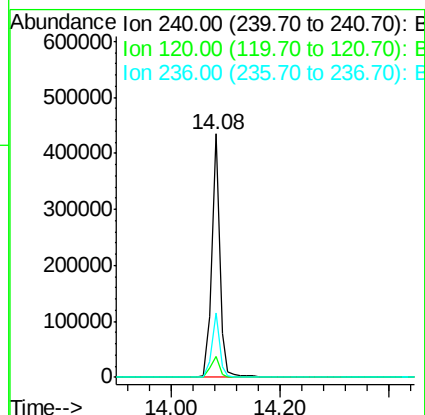
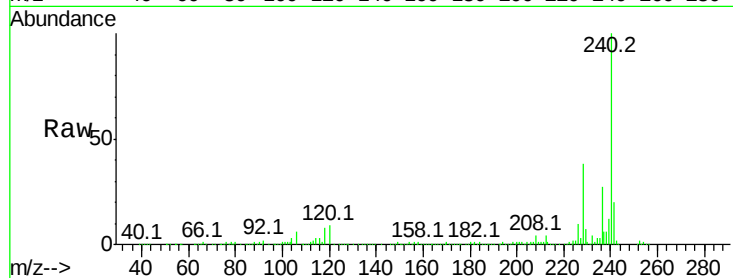
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	450455
Ion Ratio	Lower	Upper	
240	100		
120	8.8	16.2	24.2#
236	26.5	18.4	27.6

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#76

Benzidine

Concen: 37.82 ng

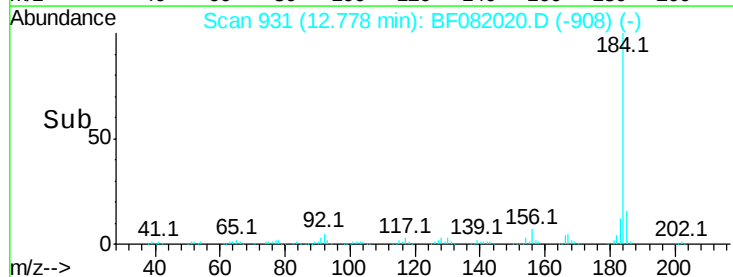
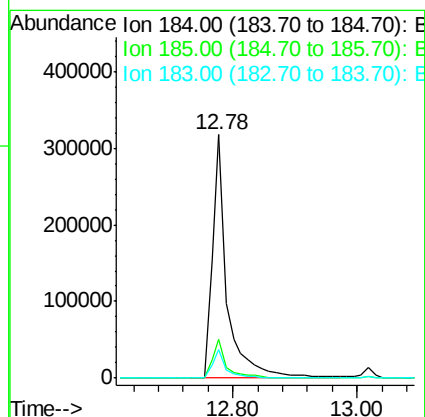
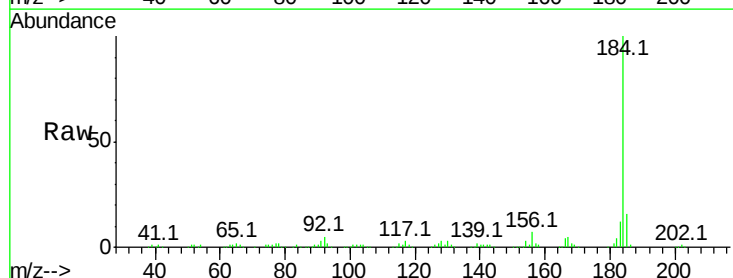
RT: 12.78 min Scan# 931

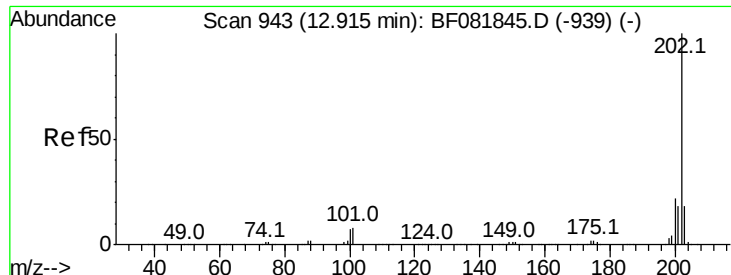
Delta R.T. -0.03 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	184	Resp:	513325
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.8	17.6
183	11.5	7.6	11.4#





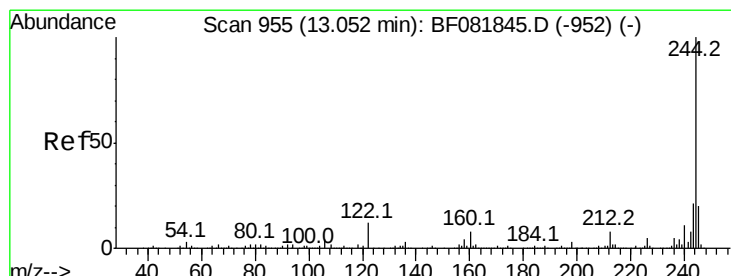
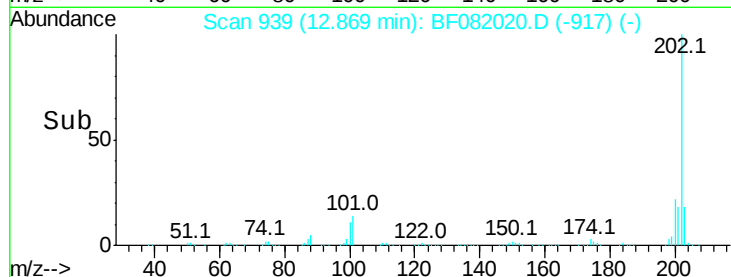
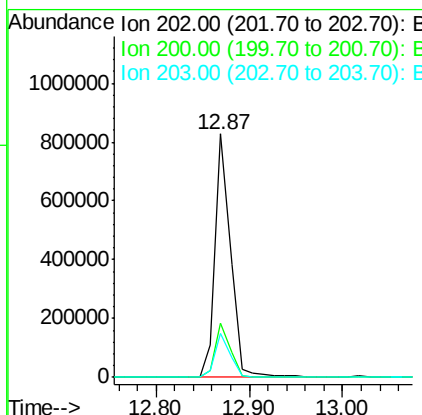
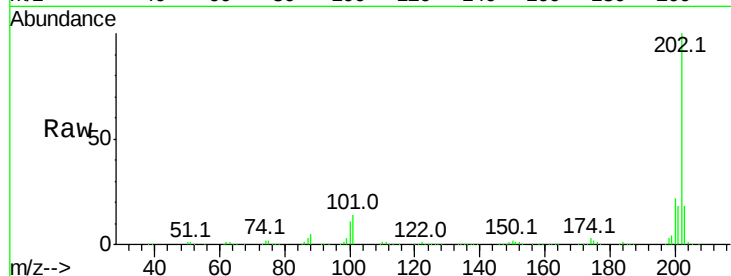
#77
Pvrene
Concen: 35.15 ng
RT: 12.87 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.2	15.0	22.4	
203	18.3	14.1	21.1	

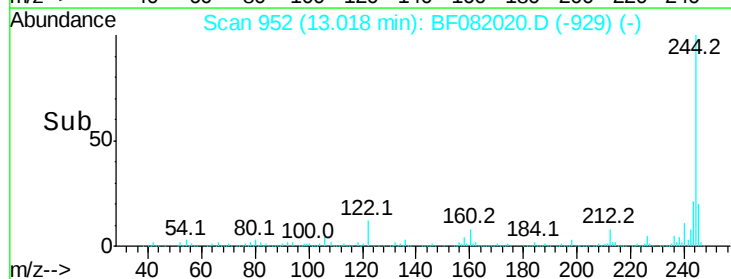
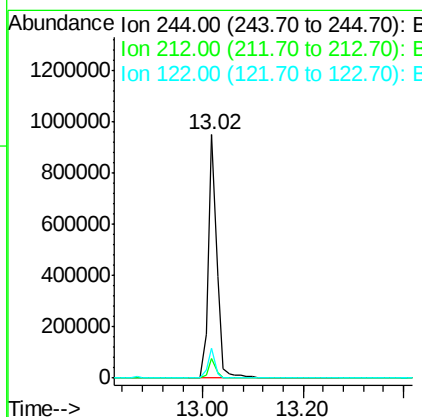
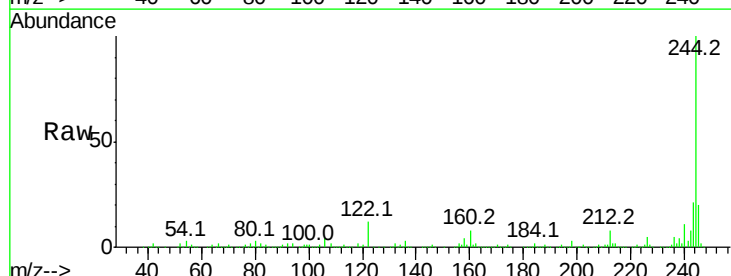
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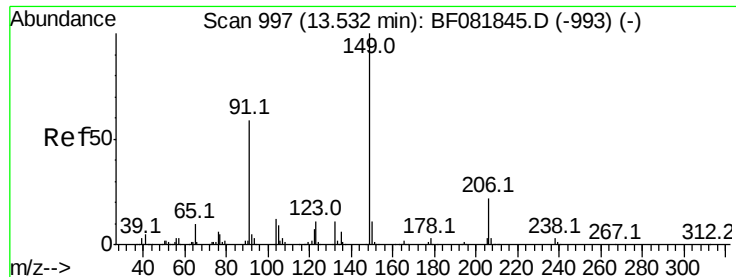
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#78
Terphenyl-d14
Concen: 79.11 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.1	4.3	6.5#	
122	12.2	17.4	26.2#	





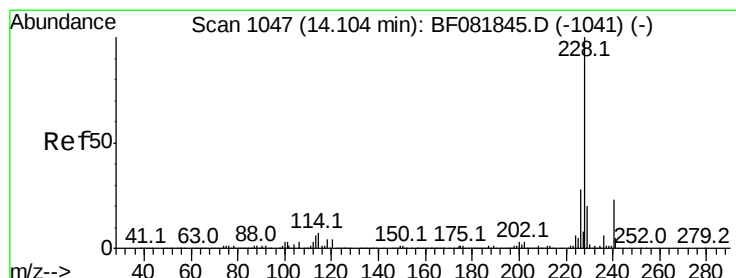
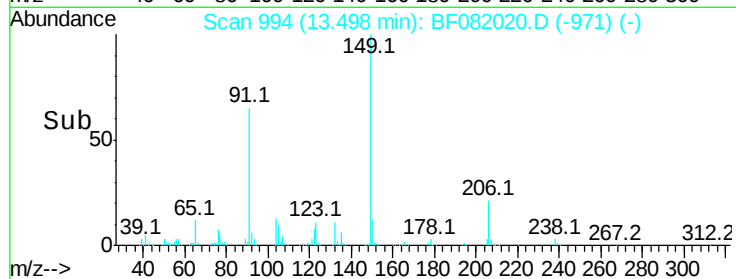
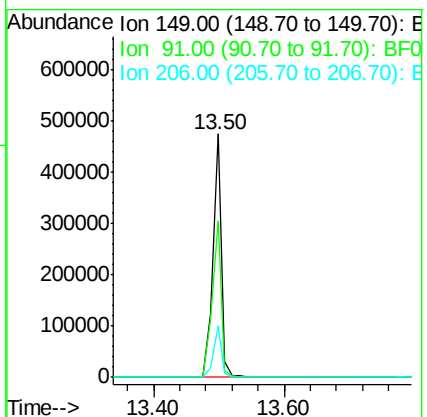
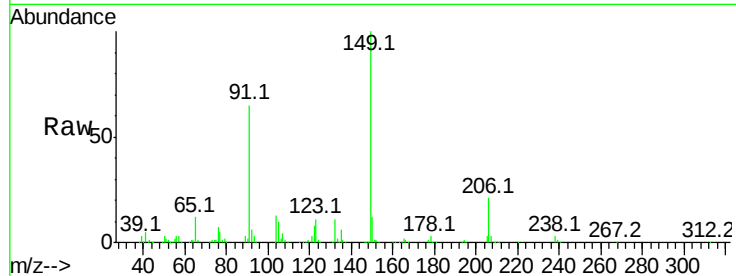
#79
Butylbenzylphthalate
Concen: 43.82 ng
RT: 13.50 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	443715		
91	64.6		48.6	72.8
206	21.0		14.9	22.3

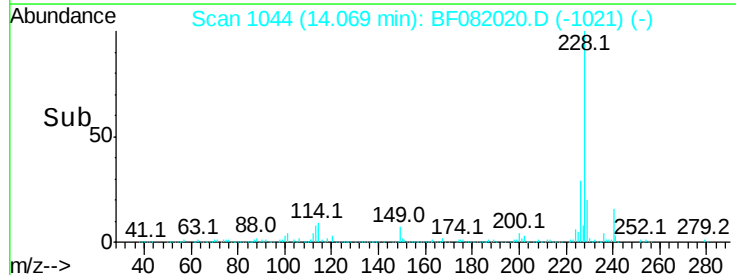
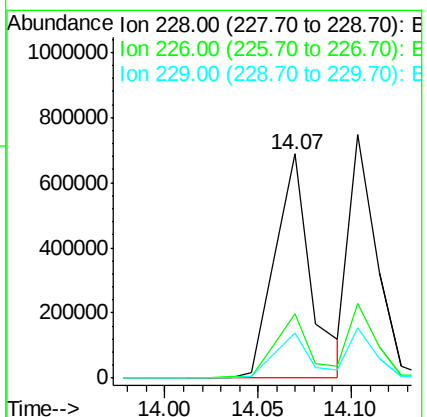
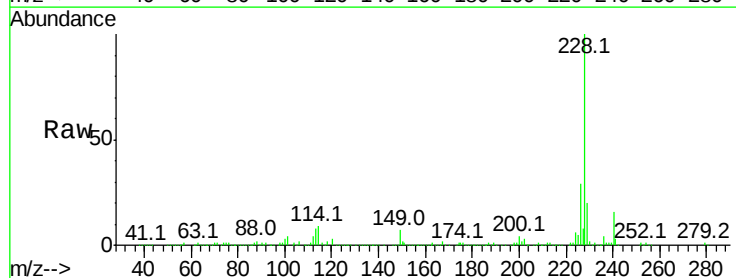
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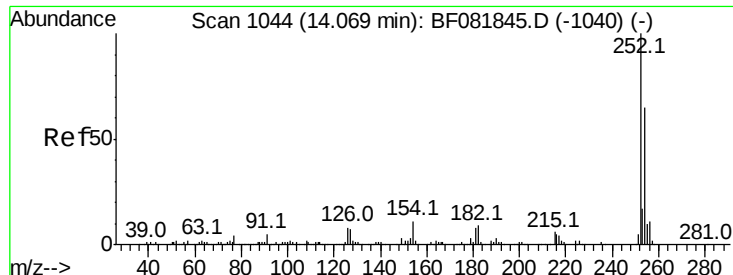
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#80
Benzo(a)anthracene
Concen: 38.08 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	923567		
226	28.8		20.0	30.0
229	20.3		15.4	23.2





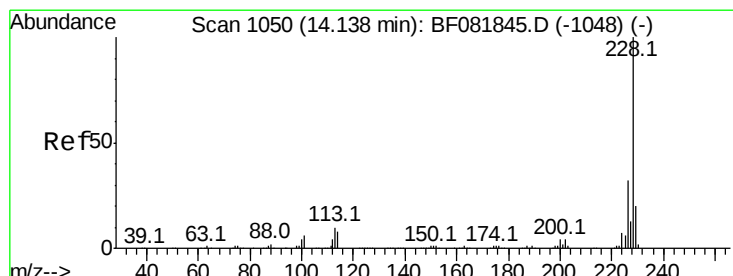
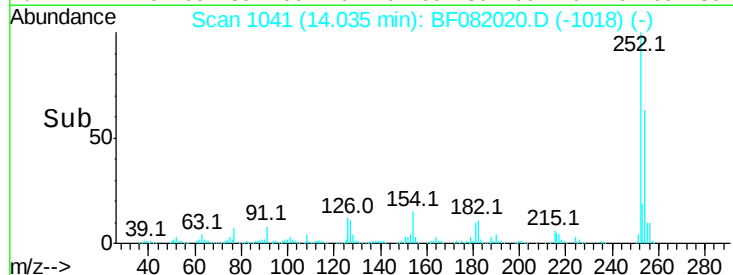
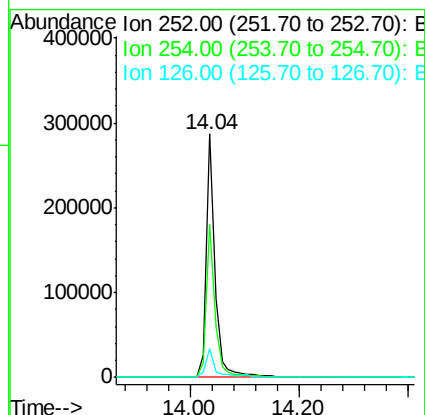
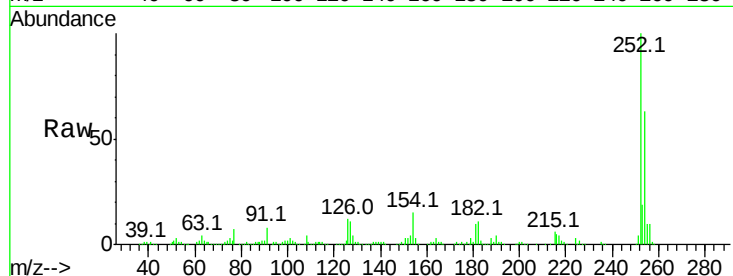
#81
 3,3'-Dichlorobenzidine
 Concen: 38.91 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	318776		
254	62.7		51.4	77.2
126	11.6		16.4	24.6

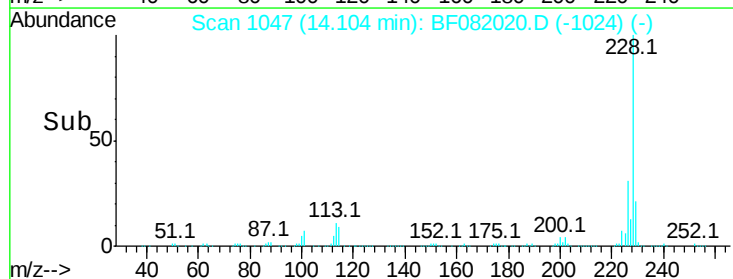
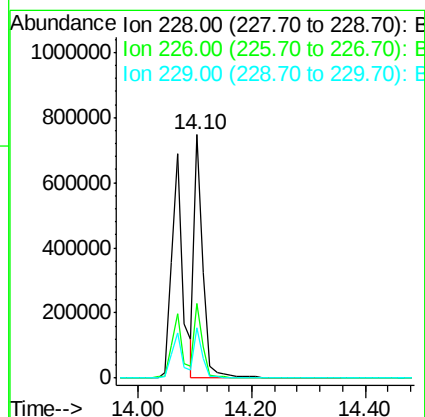
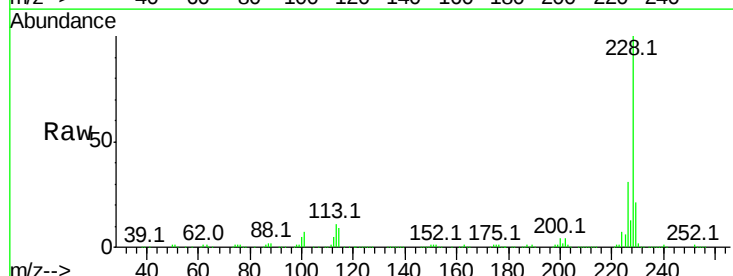
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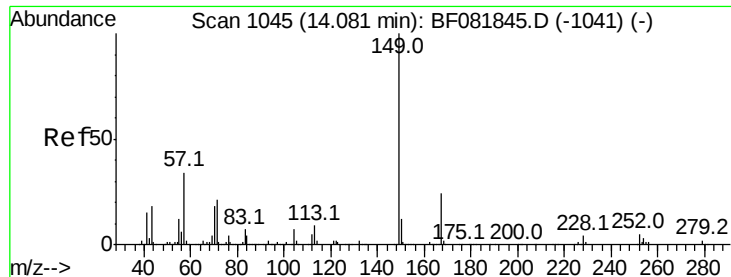
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#82
 Chrysene
 Concen: 34.00 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	807890		
226	30.9		21.0	31.4
229	20.5		15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.44 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

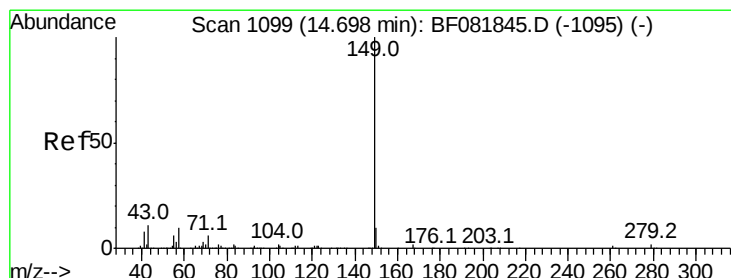
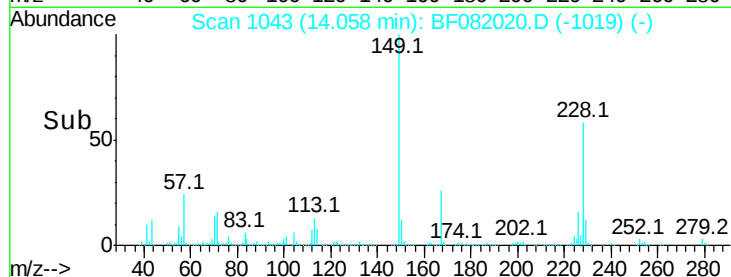
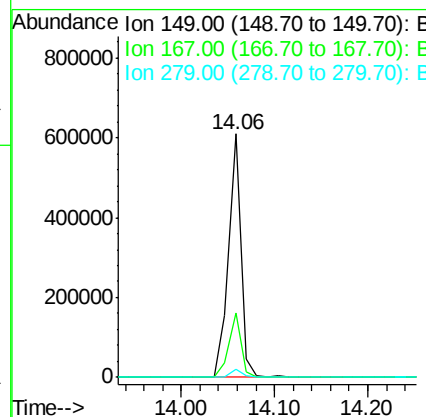
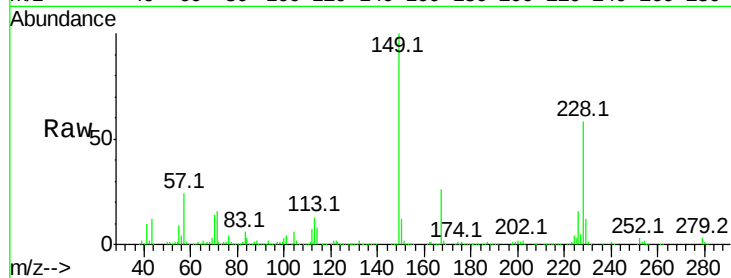
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	564455
Ion Ratio	Lower	Upper	
149	100		
167	26.4	24.2	36.2
279	3.3	3.8	5.6#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 46.11 ng

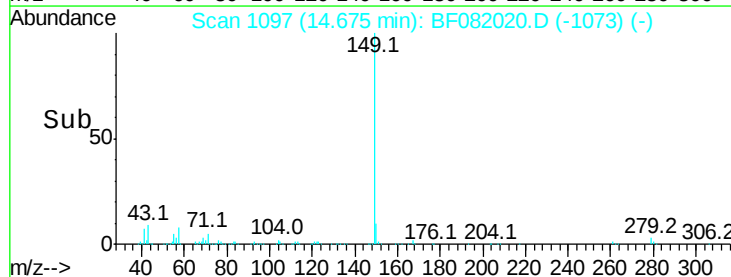
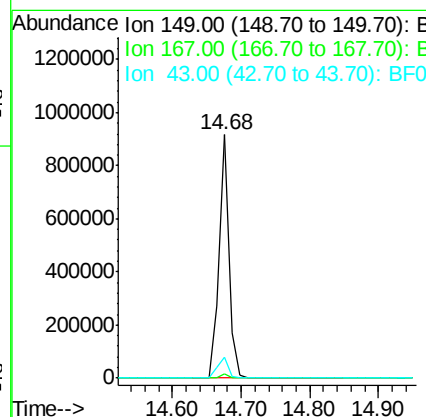
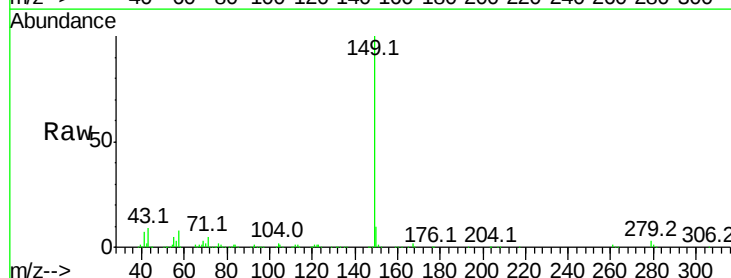
RT: 14.68 min Scan# 1097

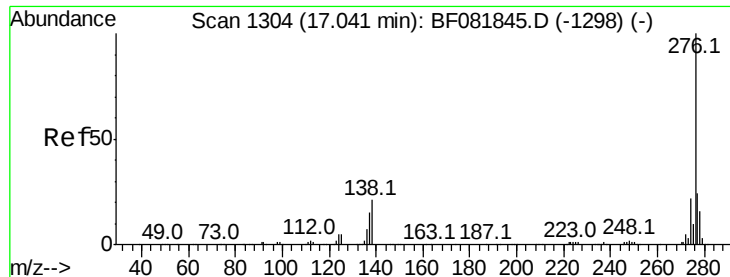
Delta R.T. -0.02 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	149	Resp:	953123
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.0	1.6
43	9.2	10.2	15.2#





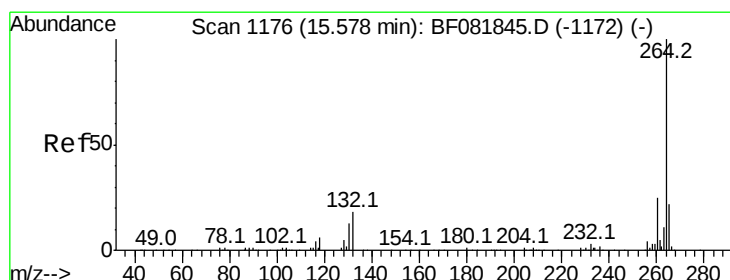
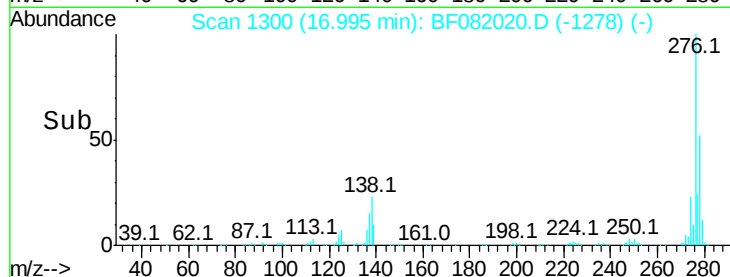
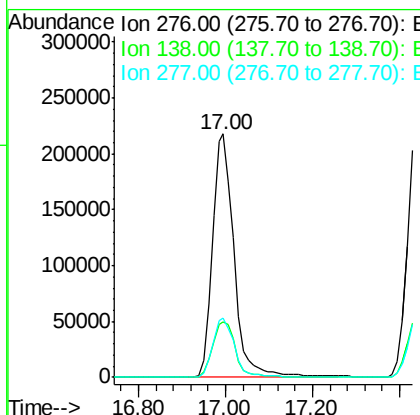
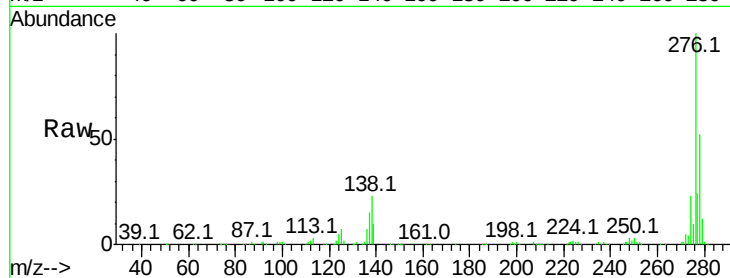
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.16 ng
RT: 17.00 min Scan# 1300
Delta R.T. -0.05 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.7	38.5#
277	24.8	15.6	23.4#

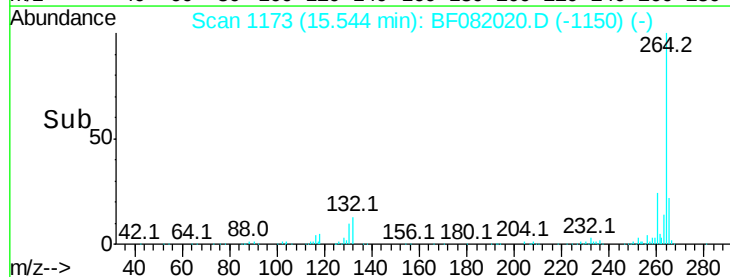
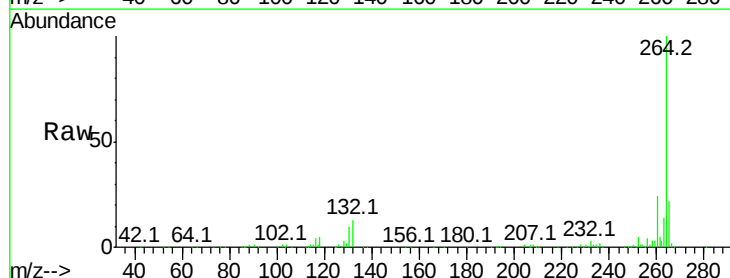
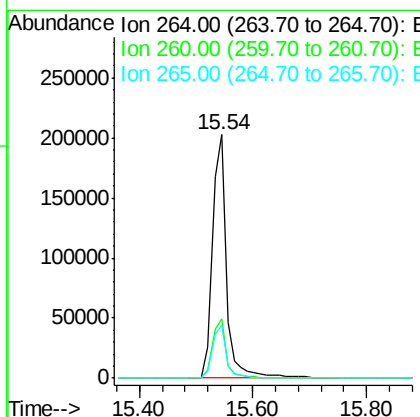
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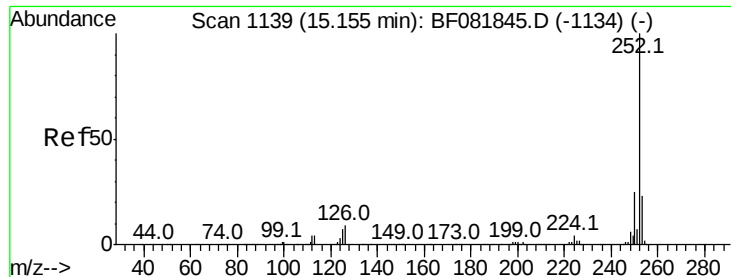
MMDADODA
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.8	17.2	25.8





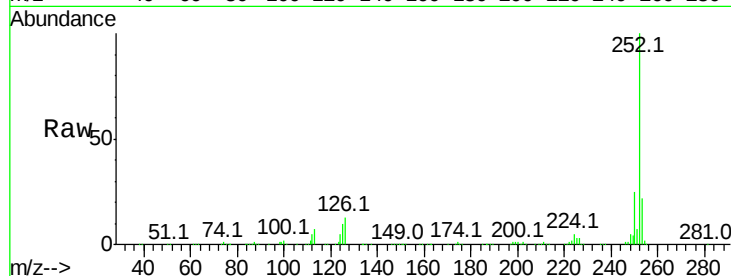
#87
Benzo(b)fluoranthene
Concen: 43.84 ng
RT: 15.11 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

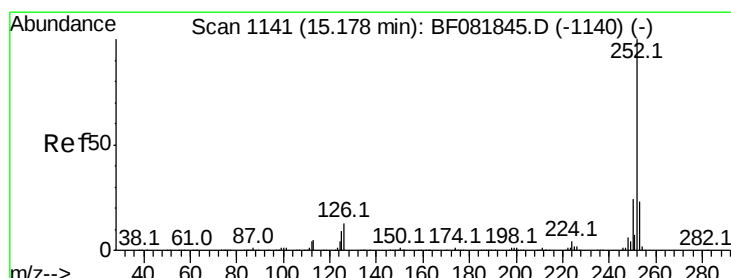
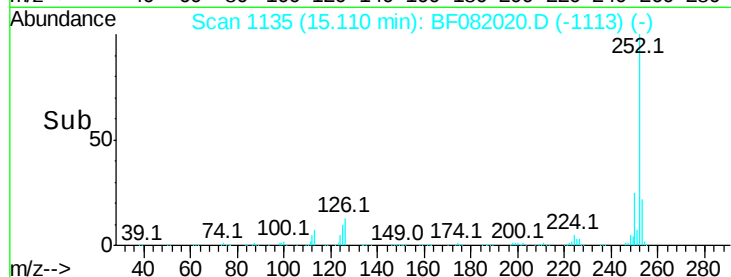
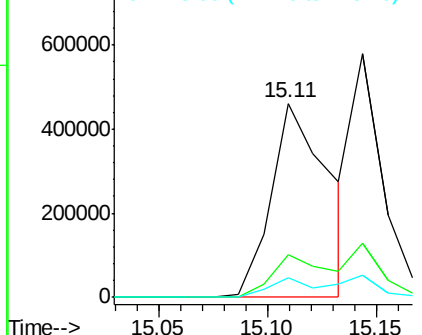
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.0	17.1	25.7#

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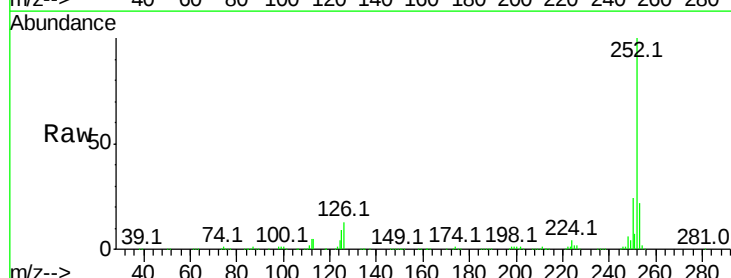


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

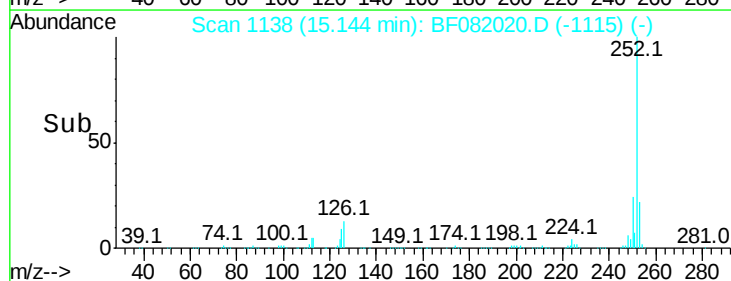
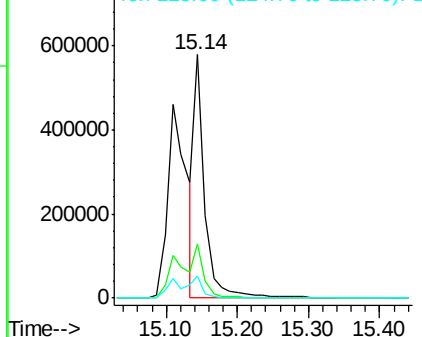


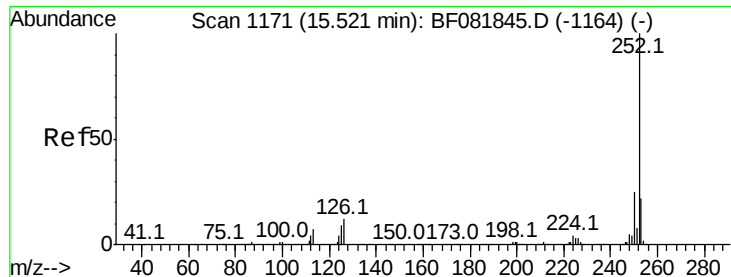
#88
Benzo(k)fluoranthene
Concen: 35.76 ng m
RT: 15.14 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF082020.D
Acq: 3 Oct 2015 14:28

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.0	25.4
125	8.9	16.0	24.0#



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





#89

Benzo(a)pyrene

Concen: 40.55 ng

RT: 15.48 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Instrument :

BNA_F

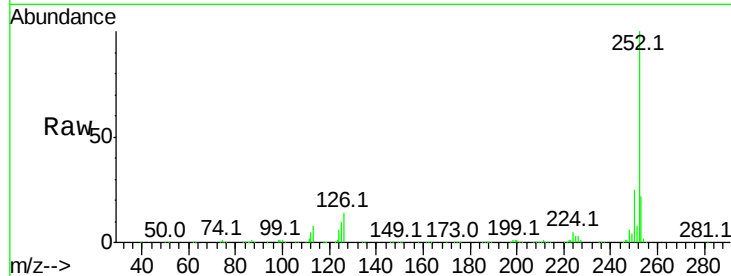
ClientSampleId :

SSTDCCC040

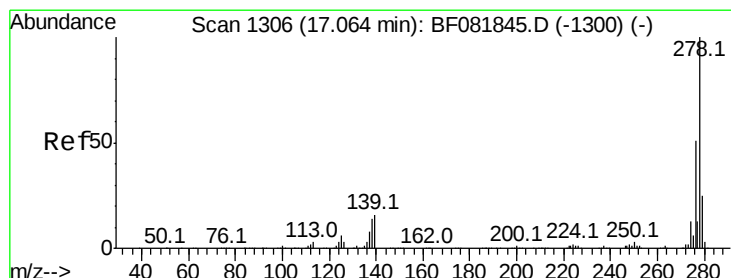
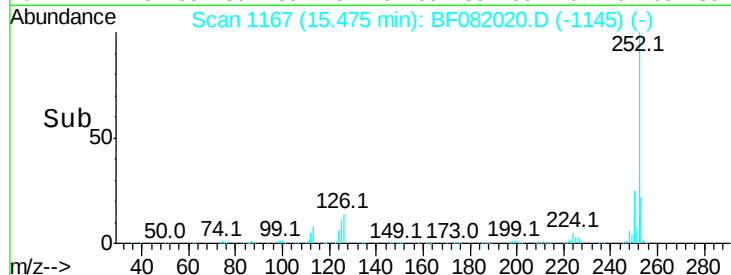
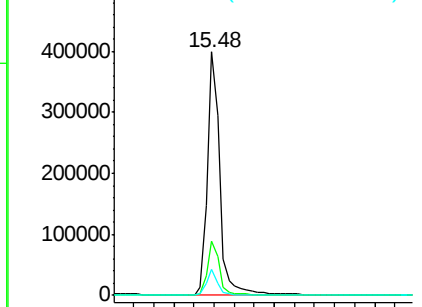
Tot Ion:	252	Resp:	680771
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	10.5	18.0	27.0#

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



#90

Dibenzo(a,h)anthracene

Concen: 44.69 ng

RT: 17.02 min Scan# 1302

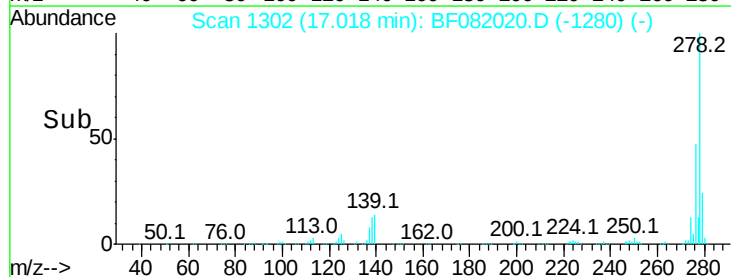
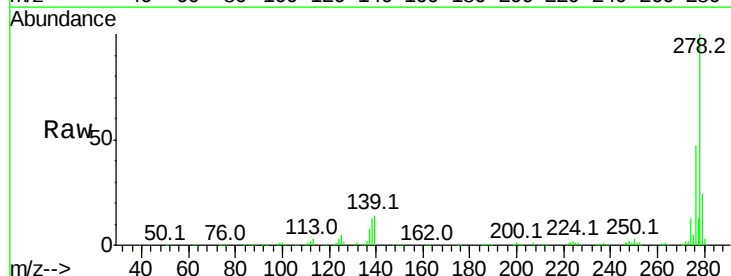
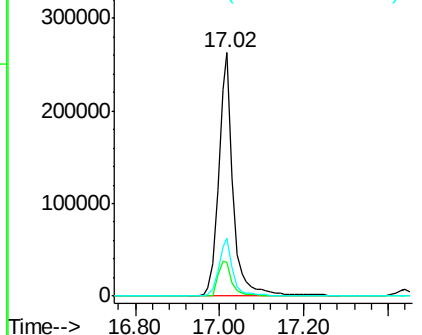
Delta R.T. -0.05 min

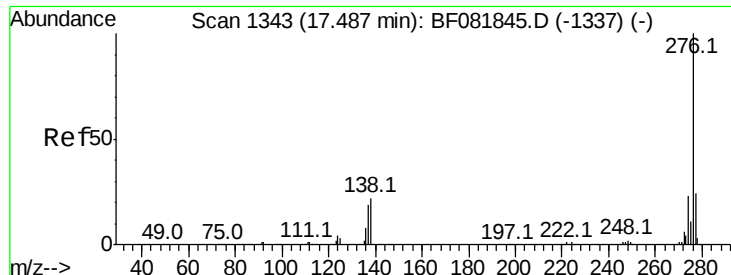
Lab File: BF082020.D

Acq: 3 Oct 2015 14:28

Tgt Ion:	278	Resp:	629498
Ion Ratio	Lower	Upper	
278	100		
139	14.0	26.3	39.5#
279	23.8	18.2	27.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 43.64 ng
 RT: 17.44 min Scan# 1339
 Delta R.T. -0.05 min
 Lab File: BF082020.D
 Acq: 3 Oct 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	629913
Ion Ratio		Lower	Upper
276	100		
277	23.5	17.8	26.6
138	20.6	34.6	51.8#

Manual Integrations
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 10/5/2015 6:29:29 PM

