

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090671.D
 Acq On : 20 Oct 2016 2:59
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 10/20/2016 10:37:05 AM

Quant Time: Oct 20 06:41:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	201059	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	877926	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	430714	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	617168	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	446268	20.00	ng	-0.01
86) Perylene-d12	15.50	264	383365	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	992023	90.45	ng	-0.01
7) Phenol-d6	6.52	99	1398798	85.83	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1322100	83.66	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	249034	64.85	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1931027	73.87	ng	-0.01
78) Terphenyl-d14	13.00	244	1577103	82.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	261916	41.90	ng	99
3) Pyridine	3.22	79	633366	45.21	ng	95
4) n-Nitrosodimethylamine	3.17	42	240580	47.98	ng	96
6) Aniline	6.55	93	838433	42.57	ng	88
8) 2-Chlorophenol	6.67	128	581455	40.89	ng	99
9) Benzaldehyde	6.43	77	382218	36.89	ng	89
10) Phenol	6.54	94	757074	40.62	ng	# 75
11) bis(2-Chloroethyl)ether	6.62	93	632052	41.10	ng	97
12) 1,3-Dichlorobenzene	6.83	146	600844	42.37	ng	100
13) 1,4-Dichlorobenzene	6.91	146	600849	38.95	ng	99
14) 1,2-Dichlorobenzene	7.06	146	595127	41.27	ng	98
15) Benzyl Alcohol	7.03	79	529567	47.71	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	996427	46.04	ng	94
17) 2-Methylphenol	7.15	107	486081	43.86	ng	98
18) Hexachloroethane	7.40	117	241224	39.57	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	512785	45.89	ng	# 93
20) 3+4-Methylphenols	7.30	107	563567	41.95	ng	93
22) Acetophenone	7.30	105	758507	39.11	ng	# 97
24) Nitrobenzene	7.47	77	671349	41.39	ng	98
25) Isophorone	7.71	82	1165024	40.50	ng	99
26) 2-Nitrophenol	7.79	139	268209	36.45	ng	97
27) 2,4-Dimethylphenol	7.83	122	512585	41.98	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	699475	41.18	ng	100
29) 2,4-Dichlorophenol	8.04	162	395101	36.94	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	492461	39.31	ng	99
31) Naphthalene	8.20	128	1726983	38.62	ng	100
32) Benzoic acid	7.94	122	158375	21.12	ng	99
33) 4-Chloroaniline	8.25	127	672607	39.35	ng	100
34) Hexachlorobutadiene	8.31	225	260668	37.24	ng	99
35) Caprolactam	8.62	113	131793	44.15	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	464445	37.64	ng	99
37) 2-Methylnaphthalene	8.89	142	989230	37.66	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	479094	41.95	ng	99
40) Hexachlorocyclopentadiene	9.05	237	115538	20.71	ng	98

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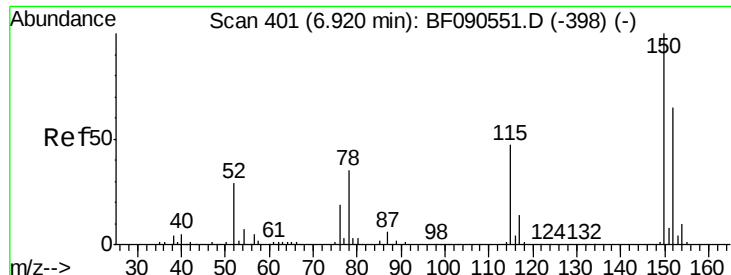
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	285425	44.31	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	263338	34.27	nq	93
45) 1,1'-Biphenyl	9.35	154	1367812	41.73	nq	100
46) 2-Chloronaphthalene	9.38	162	983983	40.26	nq	99
47) 2-Nitroaniline	9.48	65	385964	43.56	nq	91
48) Acenaphthylene	9.79	152	1519269	39.04	nq	100
49) Dimethylphthalate	9.65	163	1089356	38.98	nq	100
50) 2,6-Dinitrotoluene	9.72	165	261923	42.83	nq	94
51) Acenaphthene	9.97	154	979654	37.87	nq	100
52) 3-Nitroaniline	9.89	138	308443	40.20	nq	93
53) 2,4-Dinitrophenol	9.99	184	23640	12.29	nq	# 67
54) Dibenzofuran	10.14	168	1286086	37.80	nq	97
55) 4-Nitrophenol	10.05	139	114575	24.81	nq	96
56) 2,4-Dinitrotoluene	10.12	165	325623	39.20	nq	94
57) Fluorene	10.49	166	1076935	38.37	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	210627	32.91	nq	98
59) Diethylphthalate	10.35	149	1124160	39.66	nq	99
60) 4-Chlorophenyl-phenylether	10.47	204	536723	40.57	nq	100
61) 4-Nitroaniline	10.51	138	284768	37.01	nq	97
62) Azobenzene	10.63	77	1412079	43.07	nq	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	45410	12.16	nq	86
65) n-Nitrosodiphenylamine	10.59	169	843991	41.40	nq	98
66) 4-Bromophenyl-phenylether	10.97	248	259733	39.22	nq	99
67) Hexachlorobenzene	11.03	284	291084	40.49	nq	# 61
68) Atrazine	11.11	200	213508	37.87	nq	99
69) Pentachlorophenol	11.22	266	96096	26.97	nq	96
70) Phenanthrene	11.45	178	1388797	42.15	nq	100
71) Anthracene	11.49	178	1399434	39.47	nq	99
72) Carbazole	11.65	167	1274450	40.15	nq	99
73) Di-n-butylphthalate	11.98	149	1755475	47.21	nq	99
74) Fluoranthene	12.62	202	1191260	35.95	nq	90
76) Benzidine	12.76	184	298474	26.88	nq	98
77) Pyrene	12.85	202	1199402	40.58	nq	100
79) Butylbenzylphthalate	13.48	149	661461	50.51	nq	96
80) Benzo(a)anthracene	14.05	228	1026400	40.40	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	322732	37.18	nq	# 95
82) Chrysene	14.09	228	1109837	45.34	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	949557	53.75	nq	100
84) Di-n-octyl phthalate	14.65	149	1309715	55.29	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.94	276	885338	62.55	nq	98
87) Benzo(b)fluoranthene	15.09	252	1019625	40.64	nq	# 95
88) Benzo(k)fluoranthene	15.12	252	892856m	33.08	nq	
89) Benzo(a)pyrene	15.45	252	901193	39.24	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	785055	44.82	nq	99
91) Benzo(g,h,i)perylene	17.37	276	676173	40.49	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

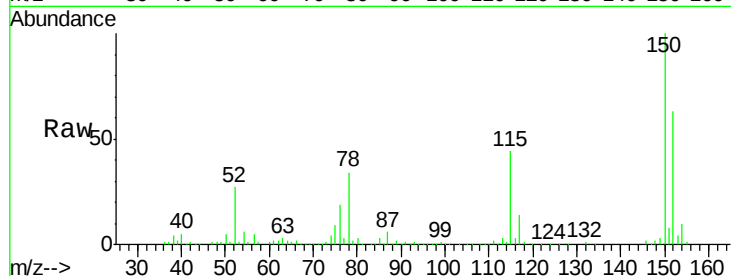
ClientSampleId :

SSTDCCC040

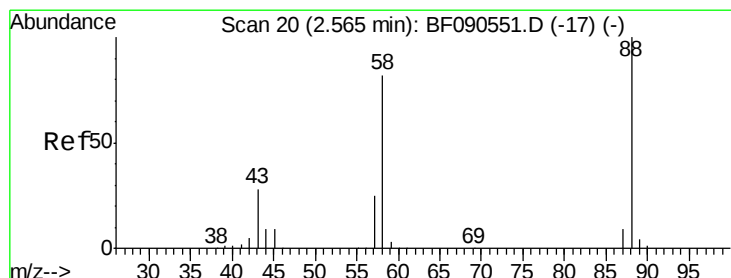
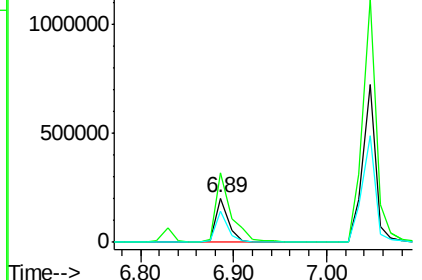
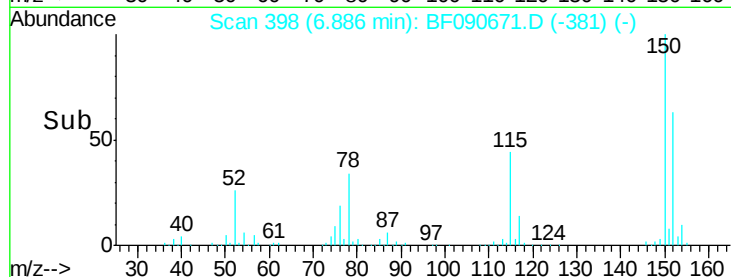
Tot Ion:	152	Resp:	201059
Ion Ratio	Lower	Upper	
152	100		
150	158.1	127.2	190.8
115	69.2	58.6	88.0

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



#2

1,4-Dioxane

Concen: 41.90 ng

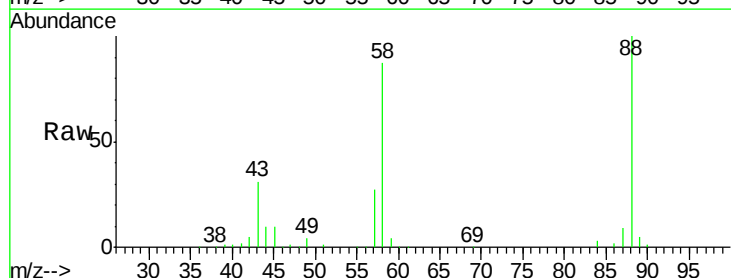
RT: 2.47 min Scan# 12

Delta R.T. -0.05 min

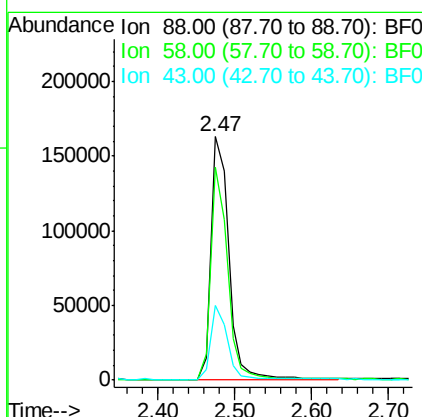
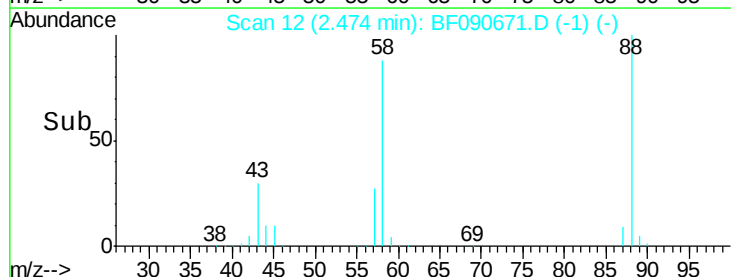
Lab File: BF090671.D

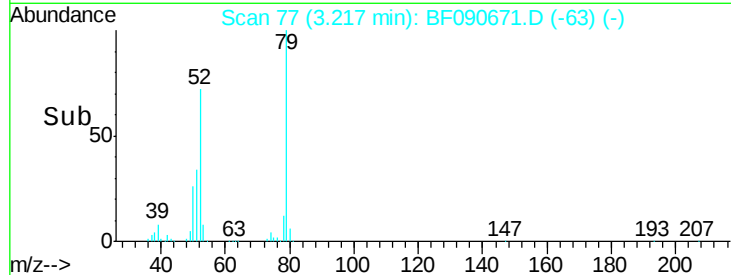
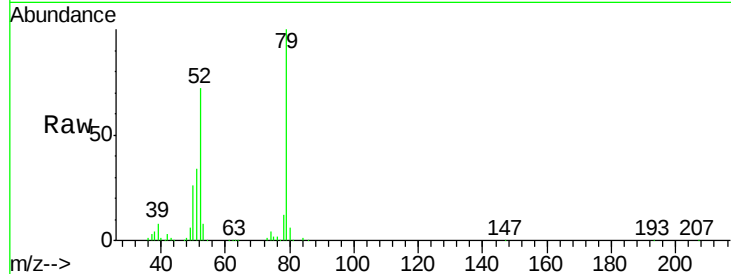
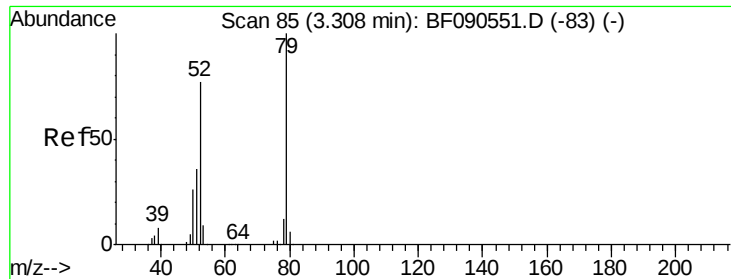
Acq: 20 Oct 2016 2:59

Tgt Ion:	88	Resp:	261916
Ion Ratio	Lower	Upper	
88	100		
58	84.5	67.2	100.8
43	28.6	24.1	36.1



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





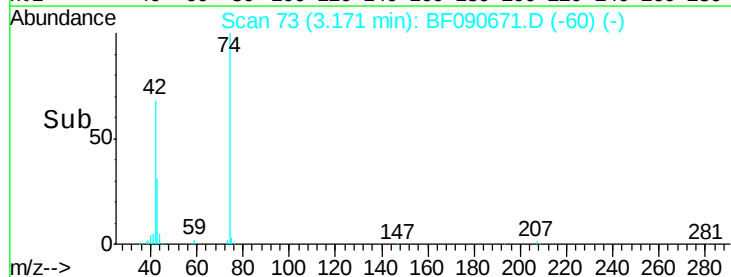
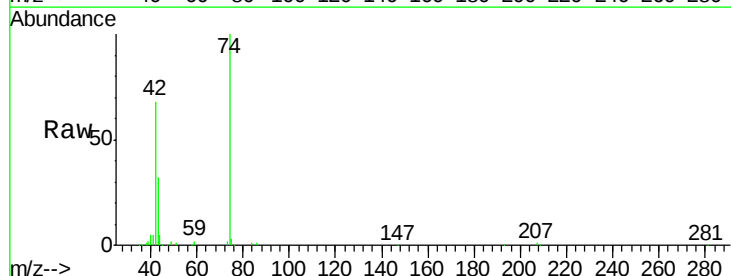
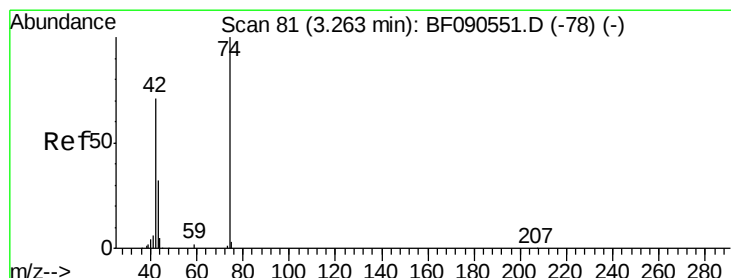
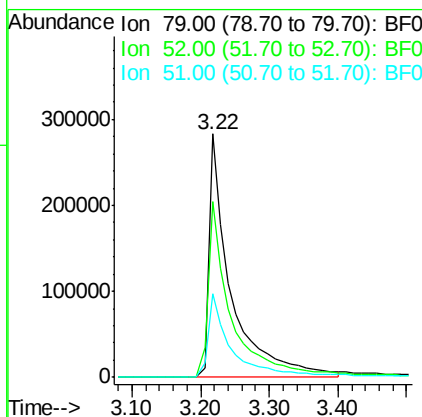
#3
 Pvridine
 Concen: 45.21 ng
 RT: 3.22 min Scan# 77
 Delta R.T. -0.03 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	633366		
52	52	72.4		61.8	92.8
51	51	34.5		29.2	43.8

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

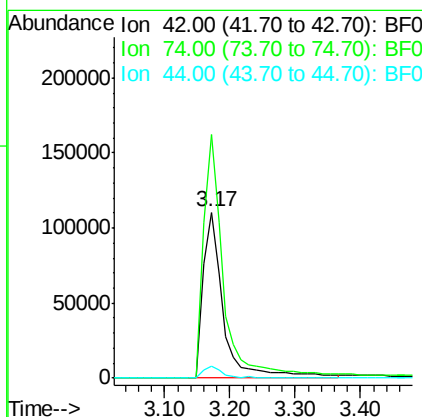
Manual Integrations
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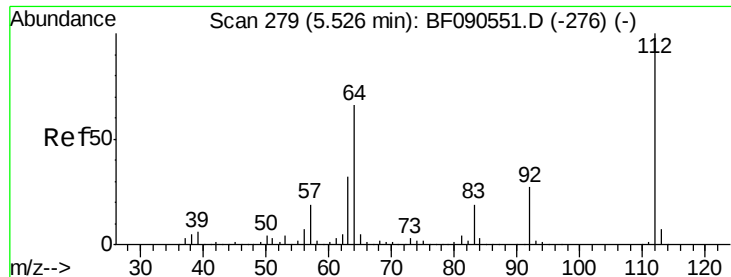
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#4
 n-Nitrosodimethylamine
 Concen: 47.98 ng
 RT: 3.17 min Scan# 73
 Delta R.T. -0.05 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	240580		
74	74	146.6		113.3	169.9
44	44	7.2		6.0	9.0





#5

2-Fluorophenol

Concen: 90.45 ng

RT: 5.48 min Scan# 275

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

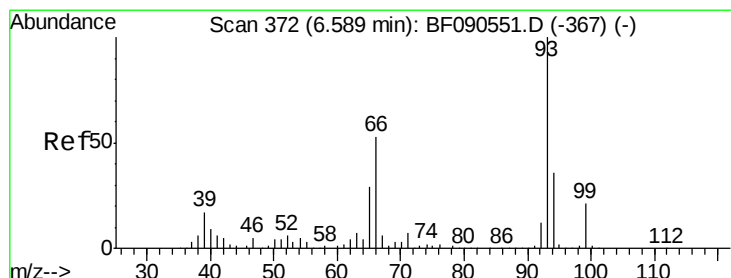
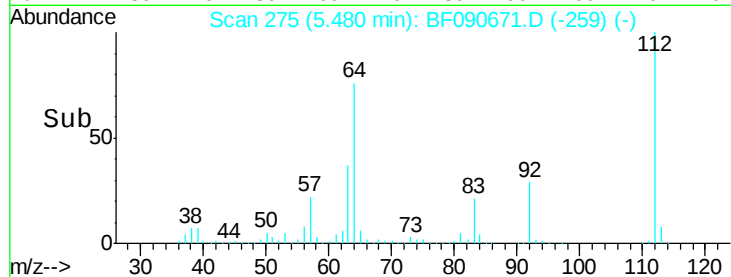
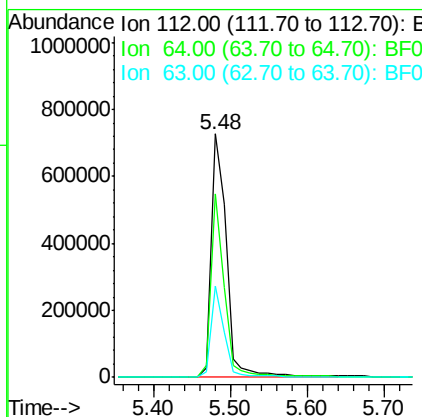
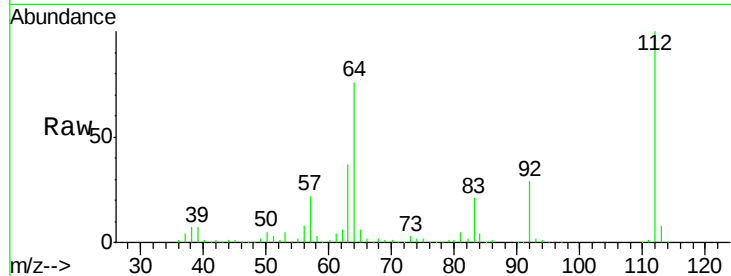
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	992023
Ion Ratio	Lower	Upper	
112	100		
64	75.5	52.6	78.8
63	37.4	26.0	39.0

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#6

Aniline

Concen: 42.57 ng

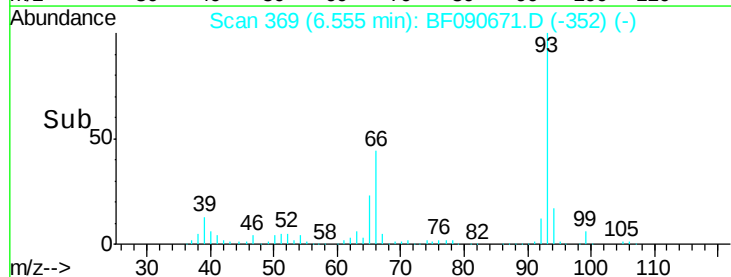
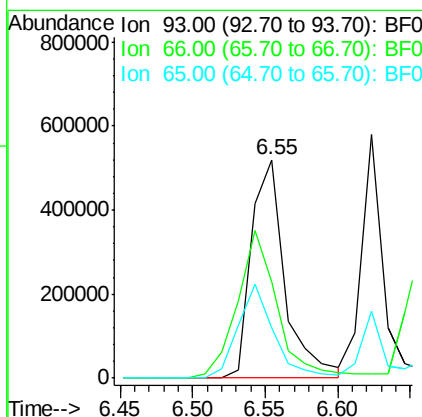
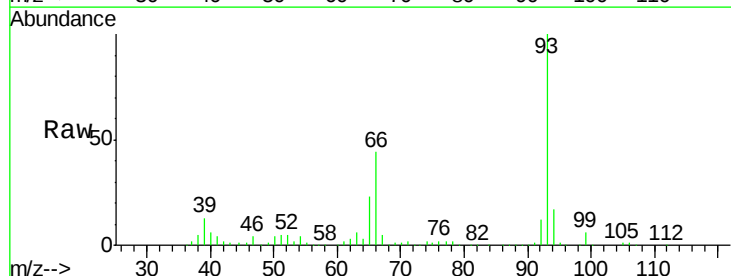
RT: 6.55 min Scan# 369

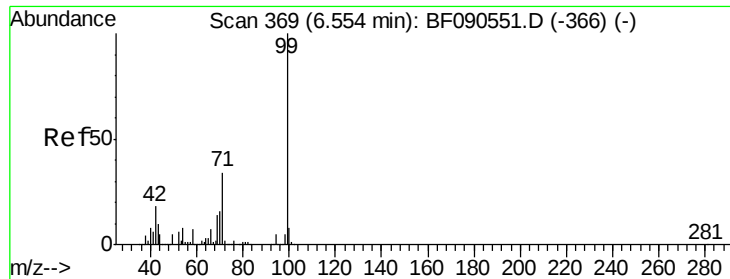
Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion:	93	Resp:	838433
Ion Ratio	Lower	Upper	
93	100		
66	44.0	42.2	63.2
65	23.0	22.9	34.3





#7

Phenol-d6

Concen: 85.83 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1398798

Ion Ratio Lower Upper

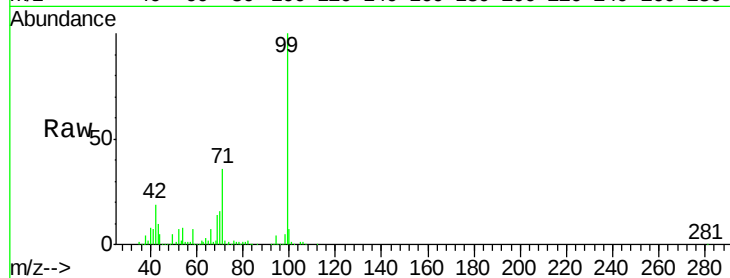
99 100

42 18.9 14.7 22.1

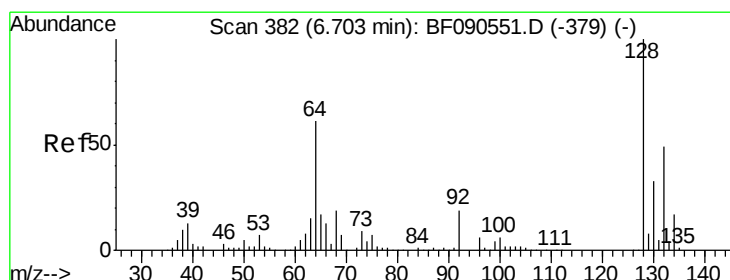
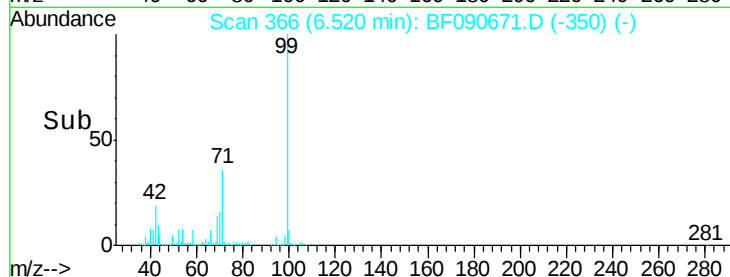
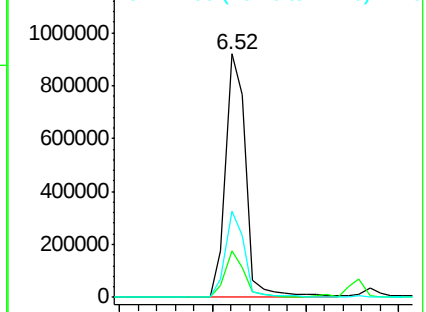
71 35.6 27.6 41.4

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.89 ng

RT: 6.67 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

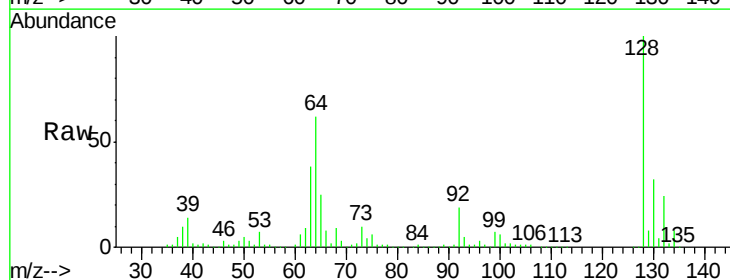
Tgt Ion: 128 Resp: 581455

Ion Ratio Lower Upper

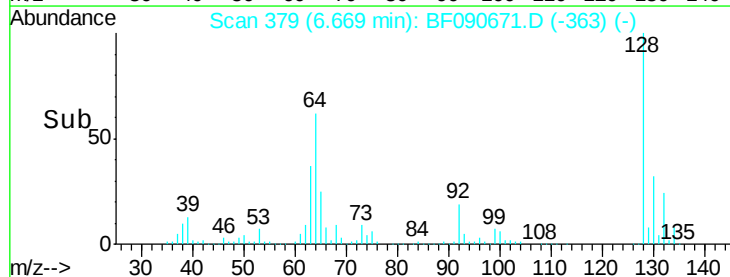
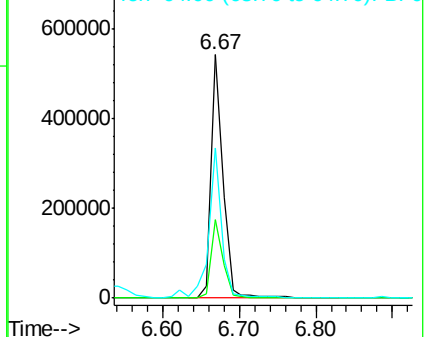
128 100

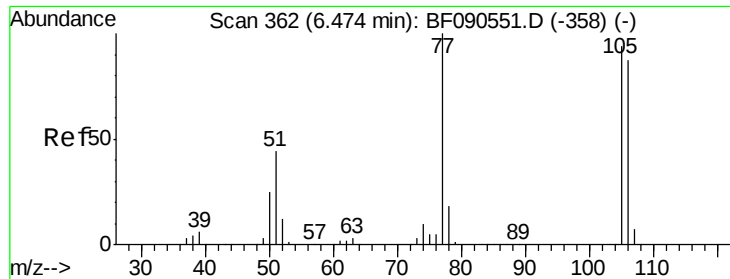
130 32.4 12.6 52.6

64 61.9 42.6 82.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.89 ng

RT: 6.43 min Scan# 358

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

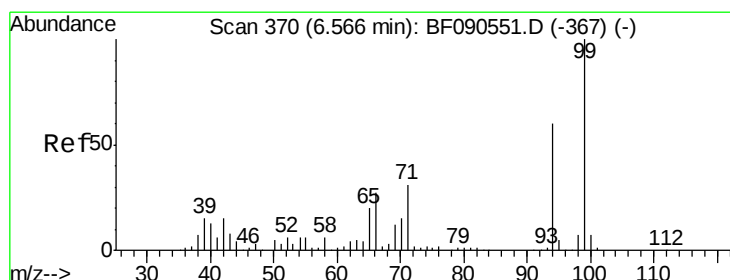
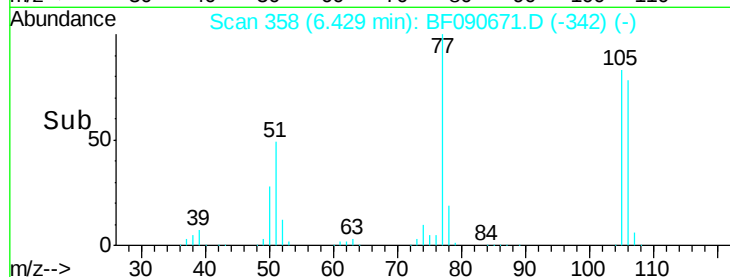
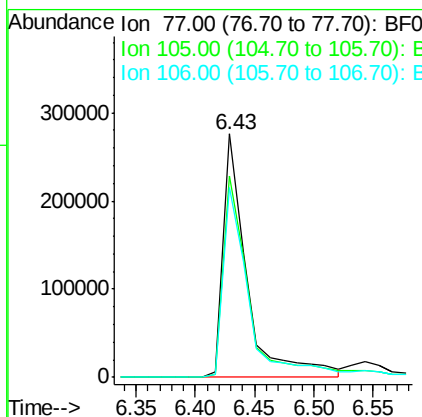
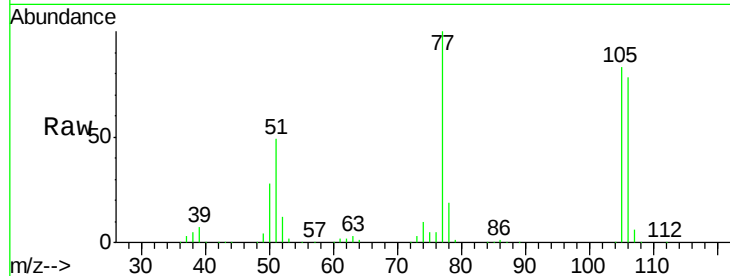
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	382218
Ion	Ratio	Lower	Upper
77	100		
105	82.5	74.3	114.3
106	77.8	67.2	107.2

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#10

Phenol

Concen: 40.62 ng

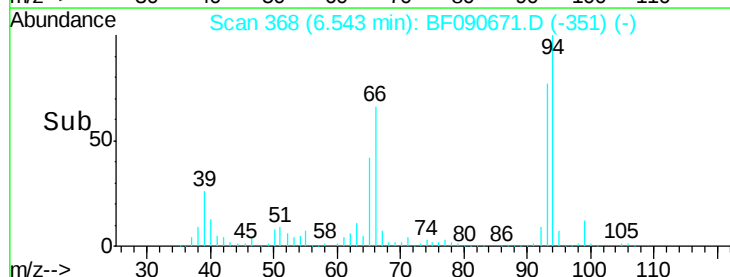
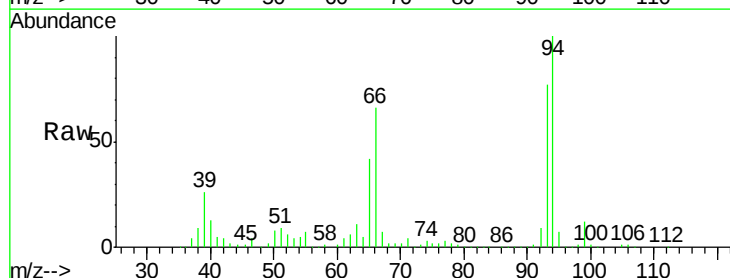
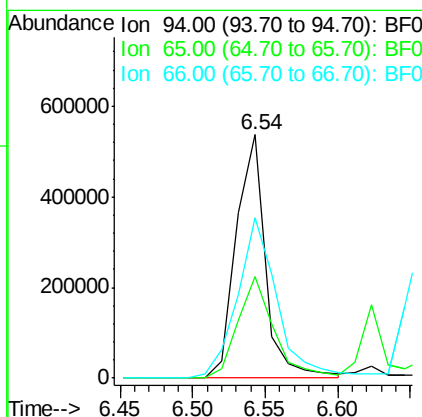
RT: 6.54 min Scan# 368

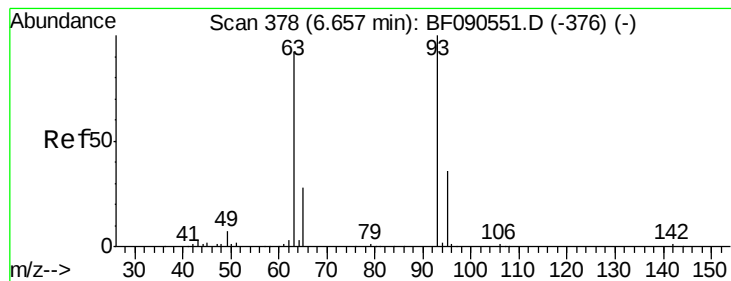
Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion:	94	Resp:	757074
Ion	Ratio	Lower	Upper
94	100		
65	41.7	12.5	52.5
66	65.6	25.5	65.5#





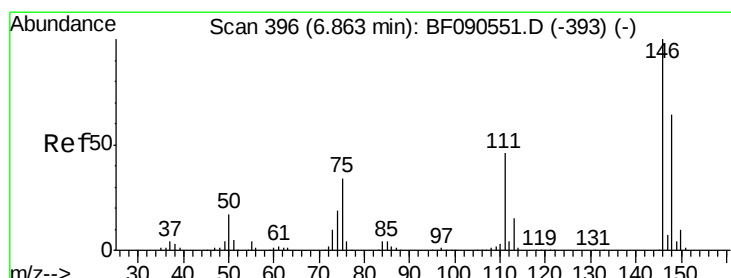
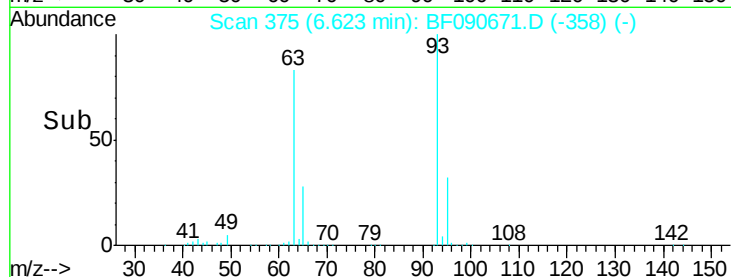
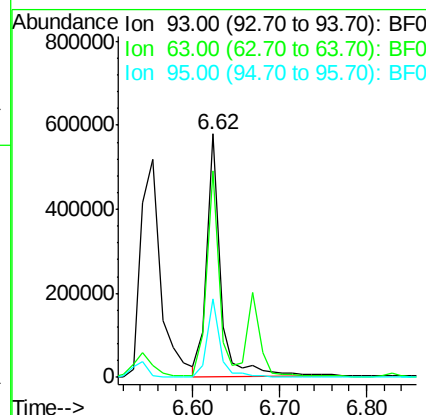
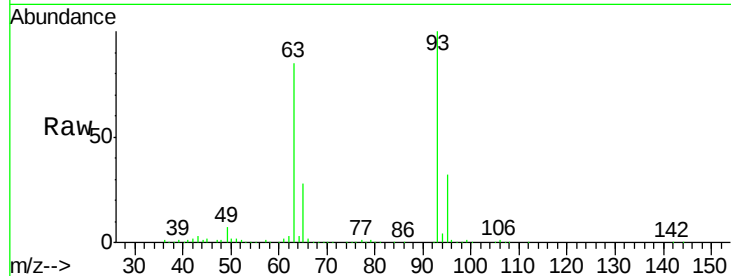
#11
bis(2-Chloroethyl)ether
Concen: 41.10 ng
RT: 6.62 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.0	61.6	101.6
95	32.4	11.8	51.8

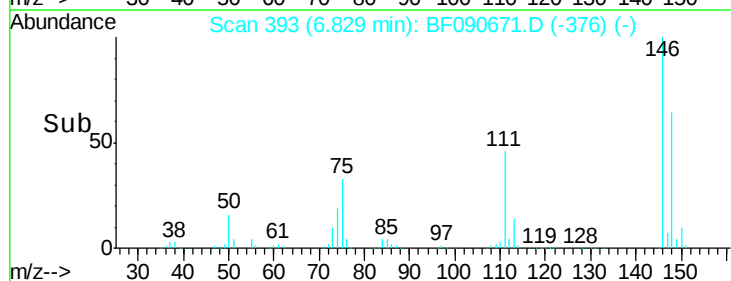
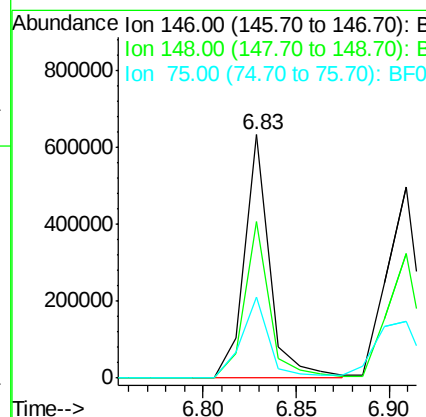
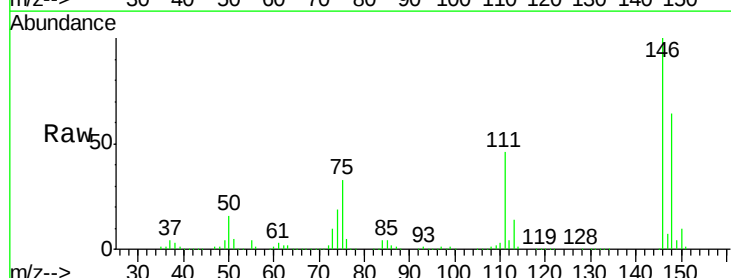
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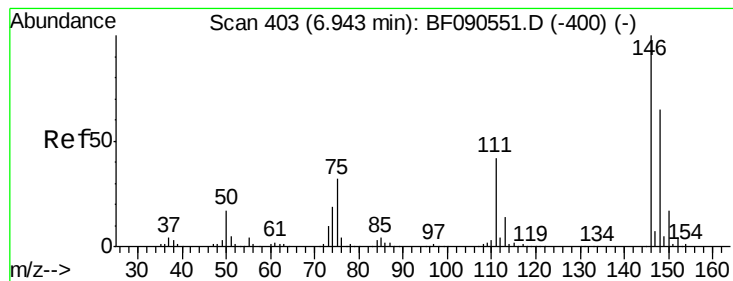
Sohil
10/20/2016 10:37:05 AM



#12
1,3-Dichlorobenzene
Concen: 42.37 ng
RT: 6.83 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
75	33.1	27.0	40.6





#13

1,4-Dichlorobenzene

Concen: 38.95 ng

RT: 6.91 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

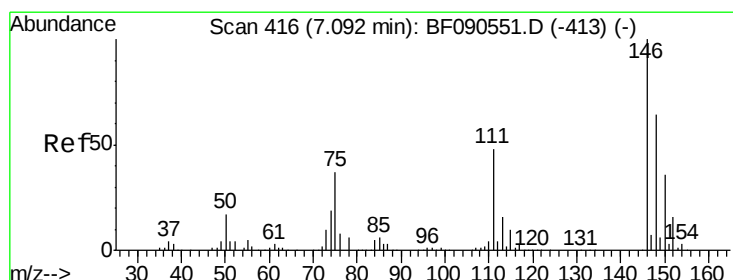
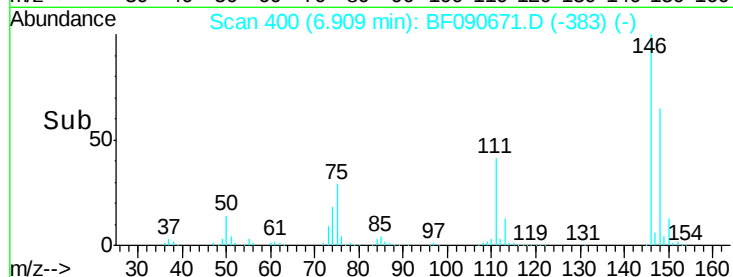
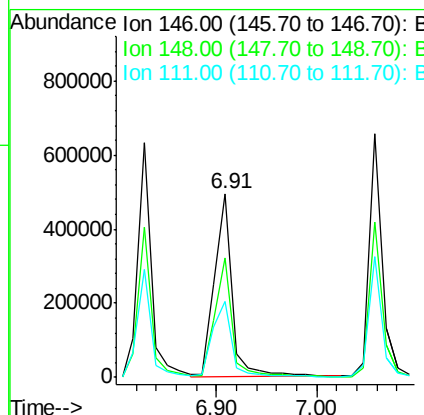
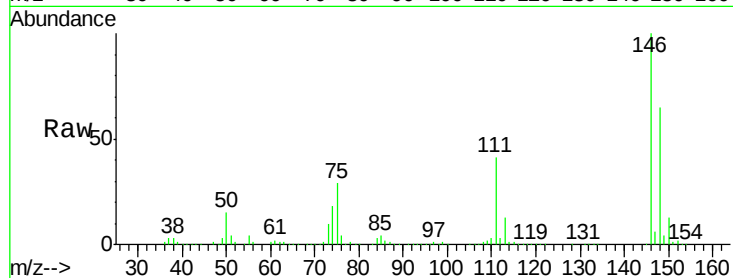
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
111	41.2	33.7	50.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.27 ng

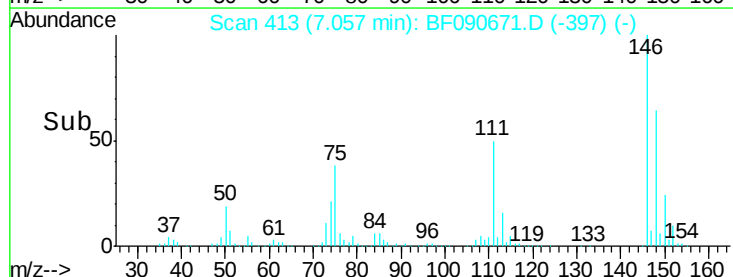
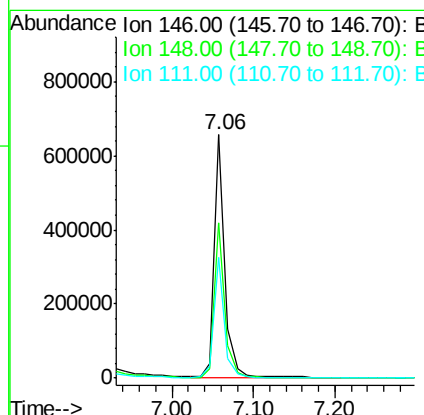
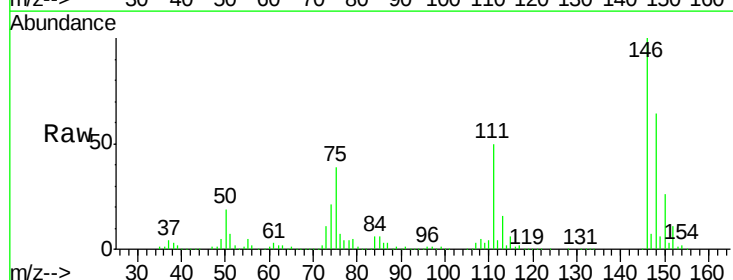
RT: 7.06 min Scan# 413

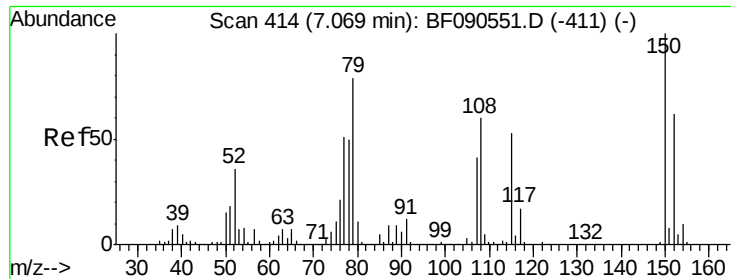
Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.2	76.8
111	49.7	38.2	57.2





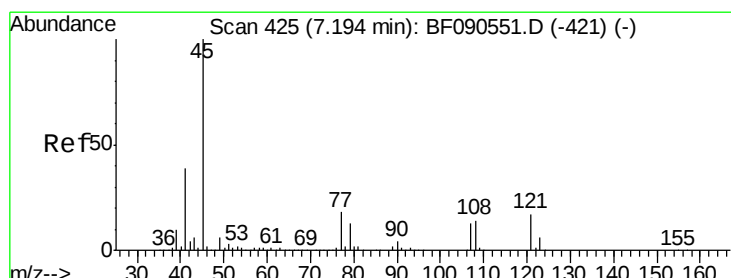
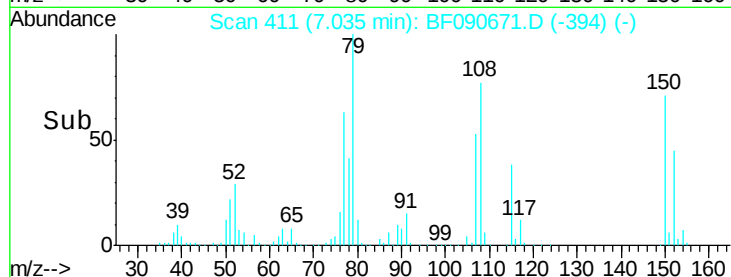
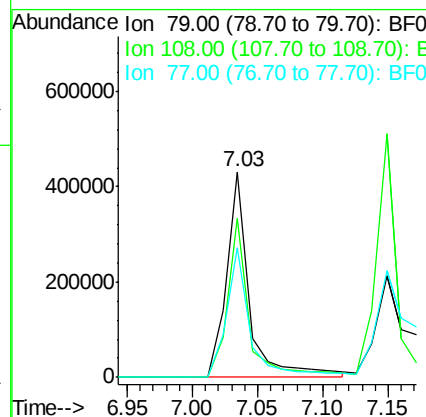
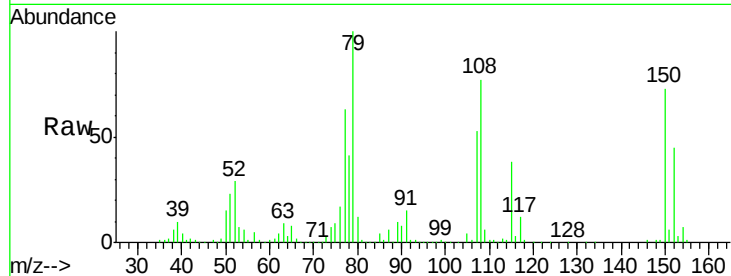
#15
Benzyl Alcohol
Concen: 47.71 ng
RT: 7.03 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.4	60.2	90.4
77	63.4	52.0	78.0

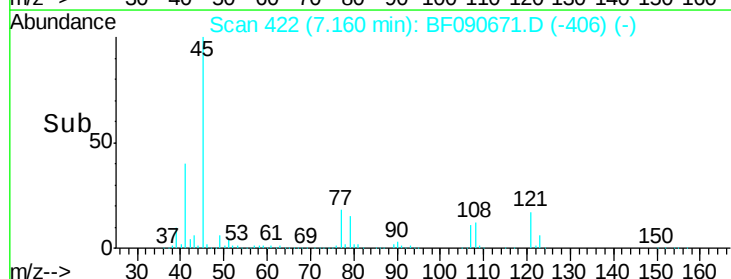
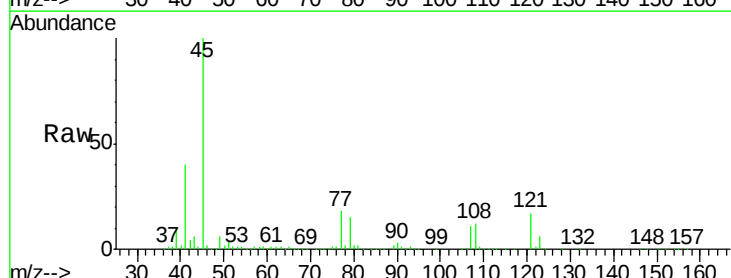
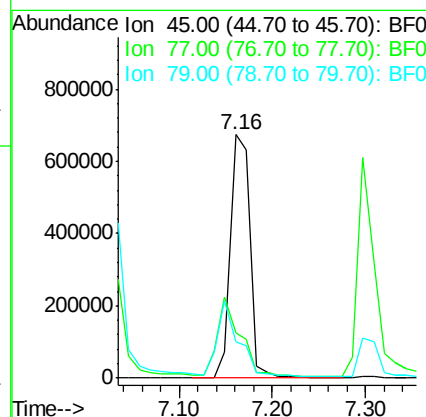
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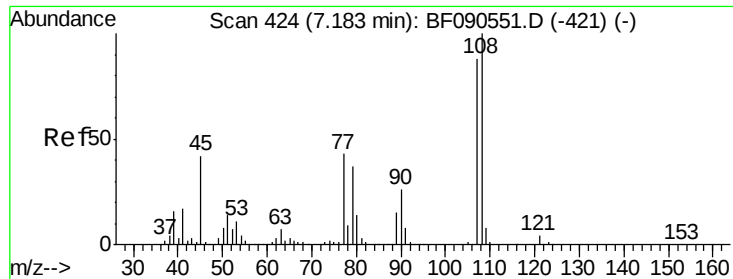
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.04 ng
RT: 7.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.9	40.9
79	14.7	0.0	37.3





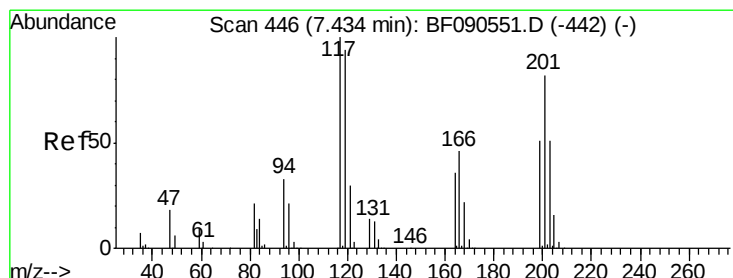
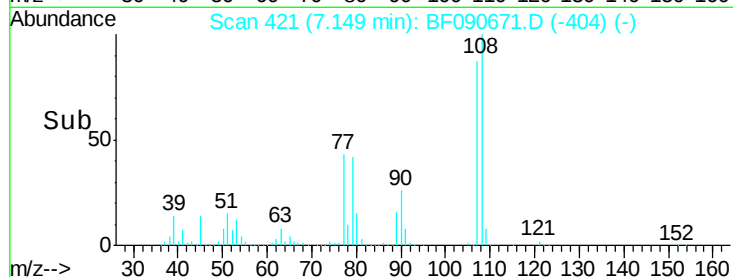
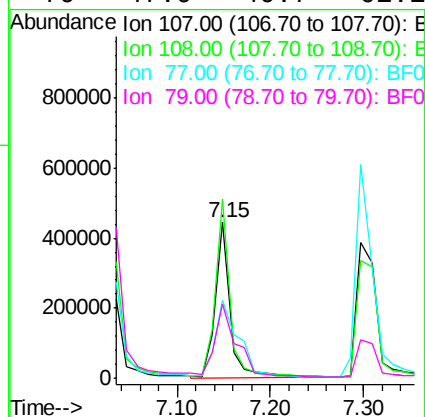
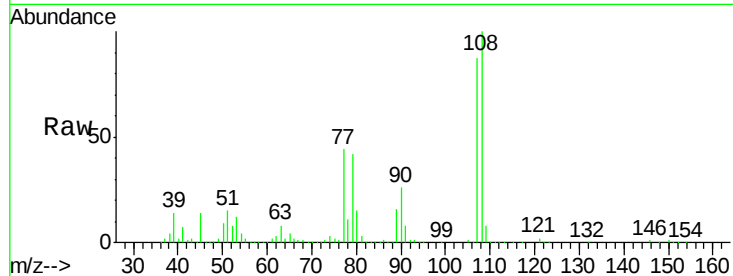
#17
2-Methylphenol
Concen: 43.86 ng
RT: 7.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	92.6	138.8	
77	50.2	42.2	63.2	
79	47.9	40.7	61.1	

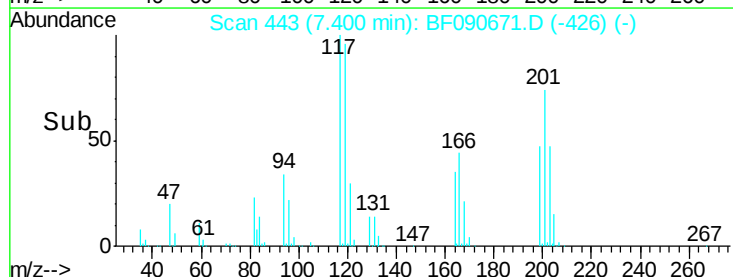
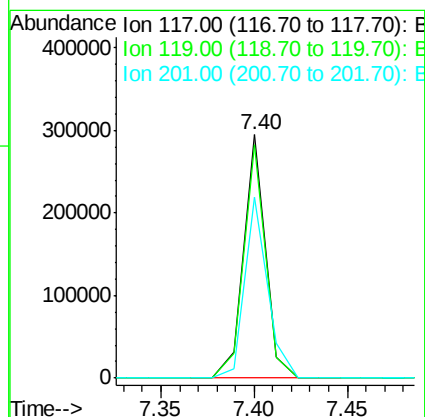
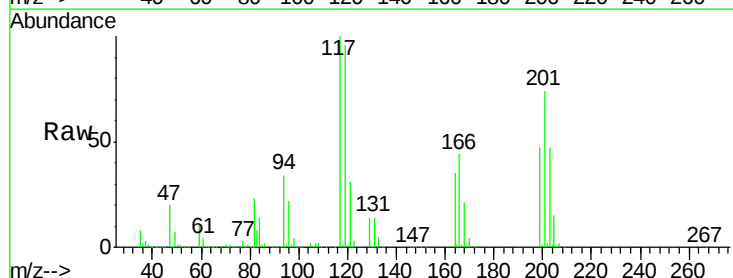
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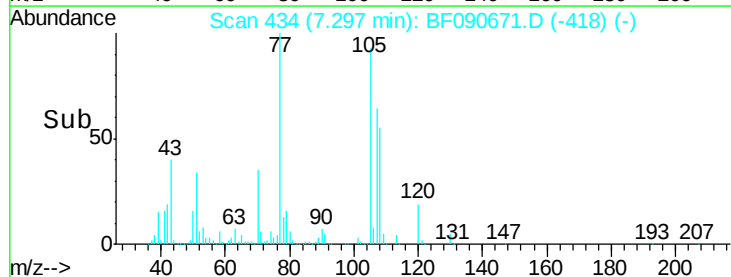
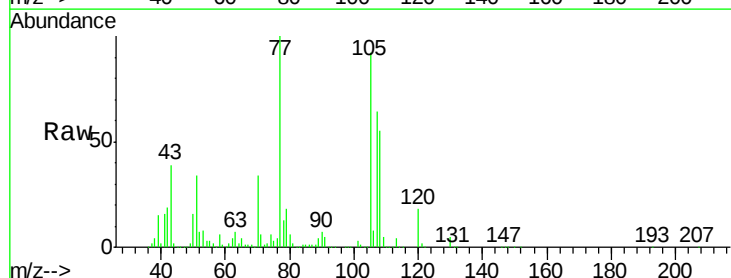
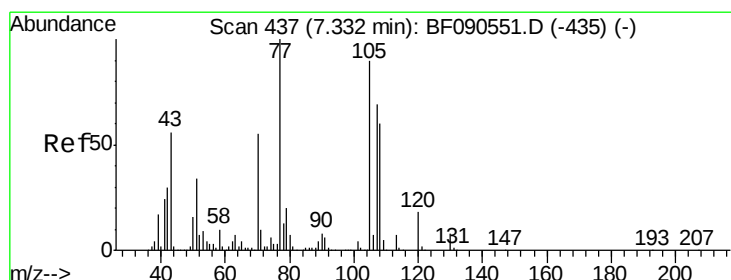
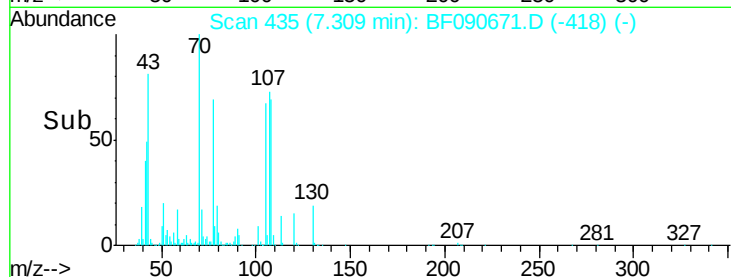
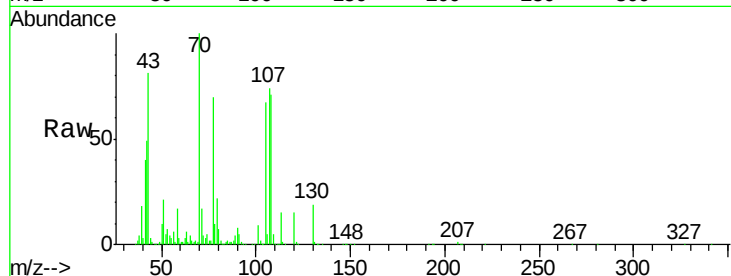
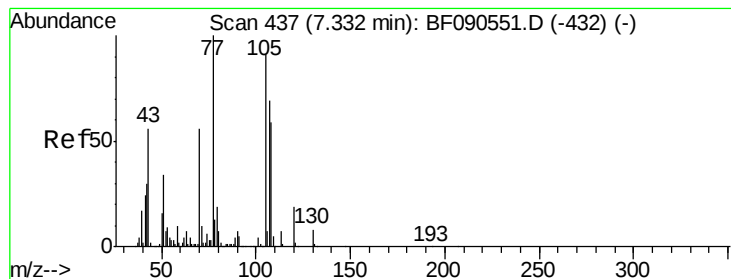
Sohil
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#18
Hexachloroethane
Concen: 39.57 ng
RT: 7.40 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	75.6	113.4	
201	74.1	65.4	98.0	





#19

n-Nitroso-di-n-propylamine

Concen: 45.89 ng

RT: 7.31 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 512785

Ion Ratio Lower Upper

70 100

42 49.3 43.4 65.0

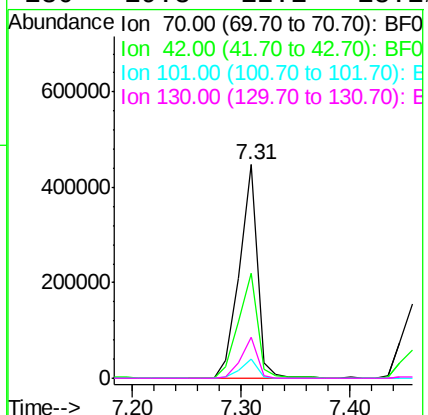
101 8.9 6.4 9.6

130 19.3 12.1 18.1#

Manual Integrations

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#20

3+4-Methylphenols

Concen: 41.95 ng

RT: 7.30 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion:107 Resp: 563567

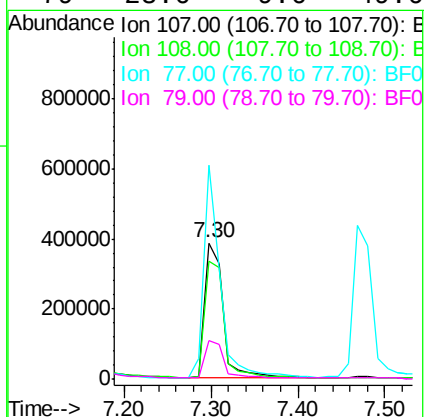
Ion Ratio Lower Upper

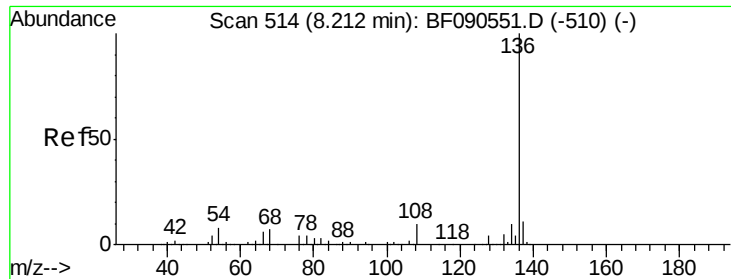
107 100

108 87.1 67.7 107.7

77 157.2 123.1 163.1

79 28.6 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

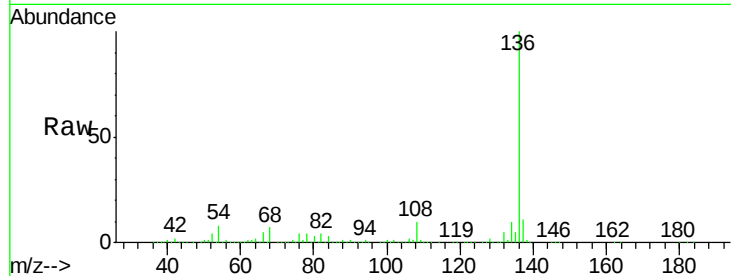
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	877926		
137	11.2		8.8	13.2
54	8.2		6.8	10.2
68	7.1		6.0	9.0

Manual Integrations
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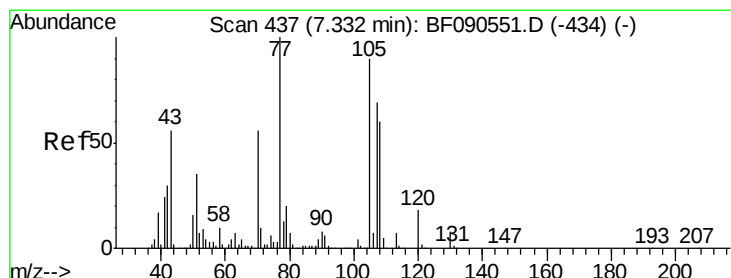
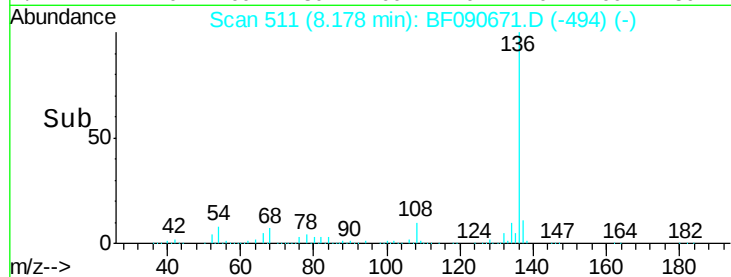
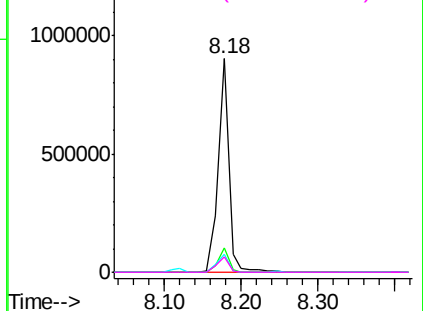


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.11 ng

RT: 7.30 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

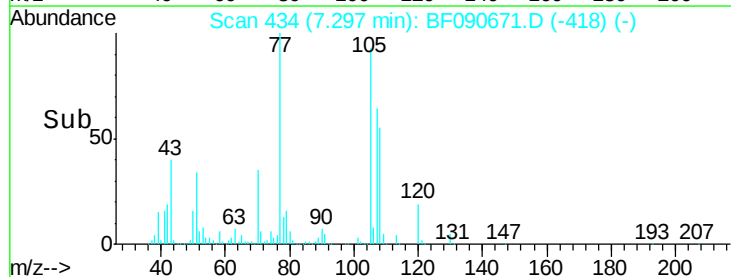
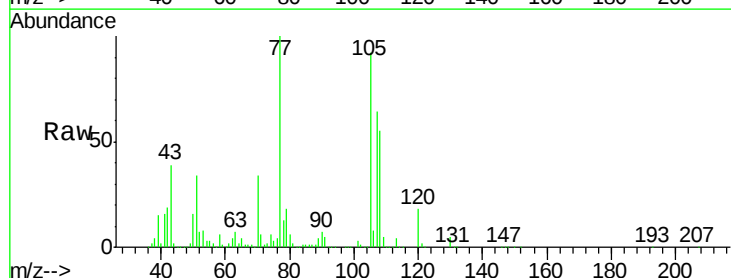
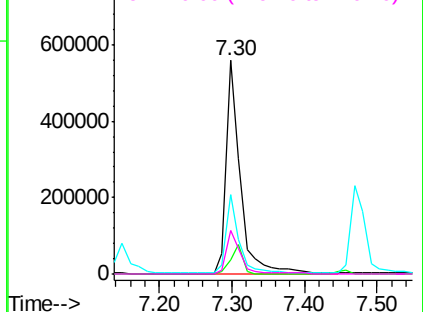
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	758507		
71	6.5		8.5	12.7#
51	37.1		31.0	46.4
120	20.1		16.2	24.4

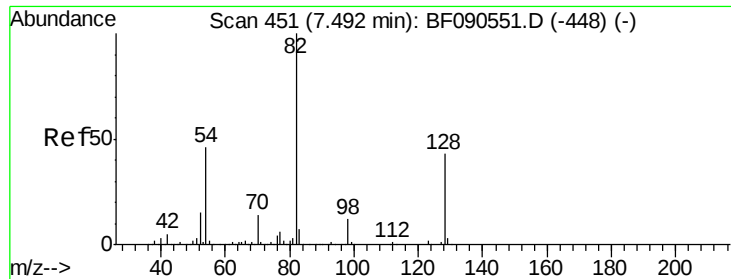
Abundance Ion 105.00 (104.70 to 105.70): E

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





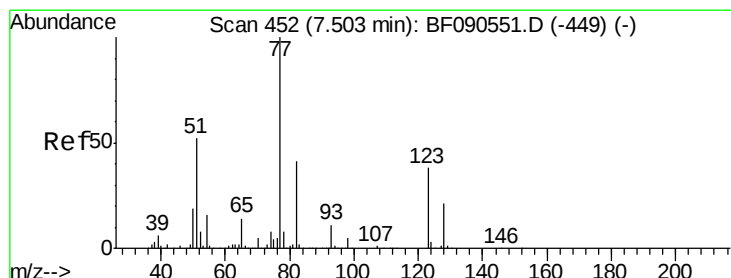
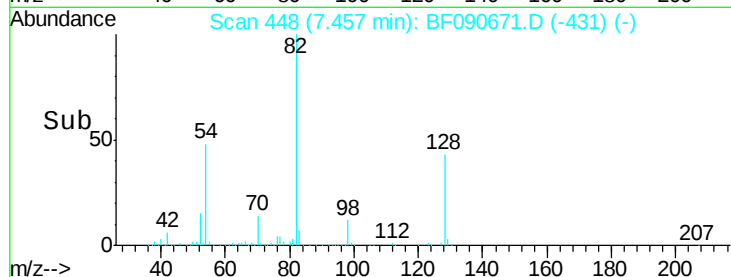
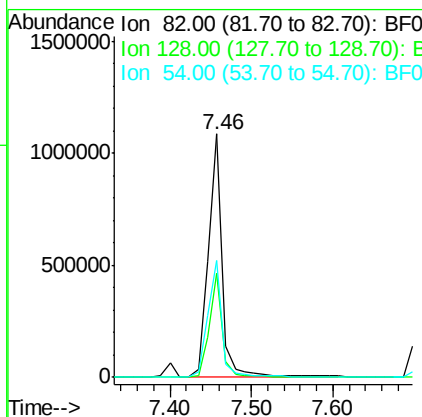
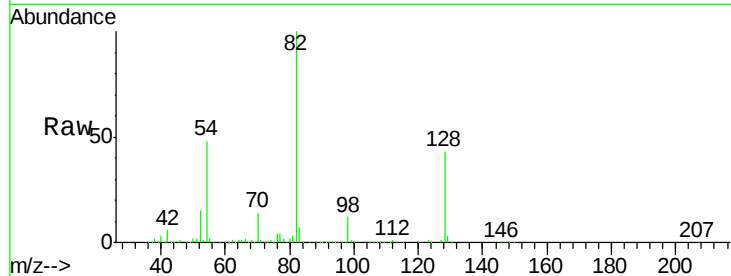
#23
 Nitrobenzene-d5
 Concen: 83.66 ng
 RT: 7.46 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.3	51.5
54	47.9	37.0	55.6

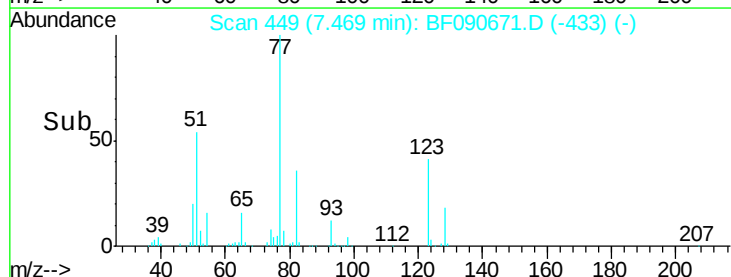
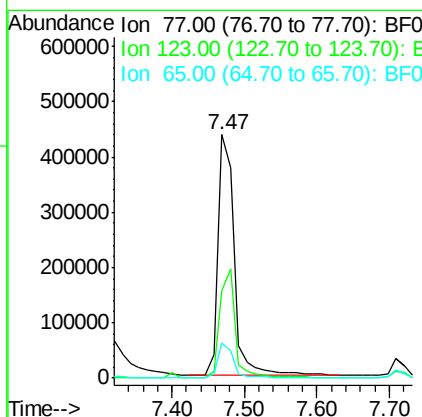
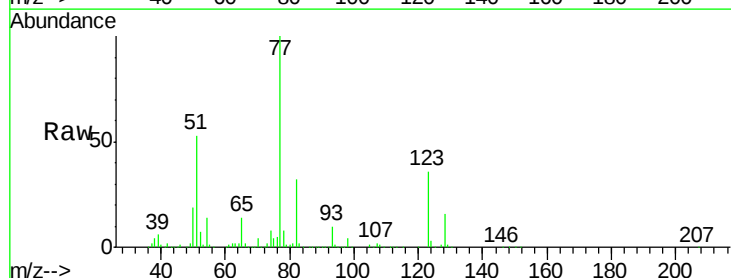
Manual Integrations
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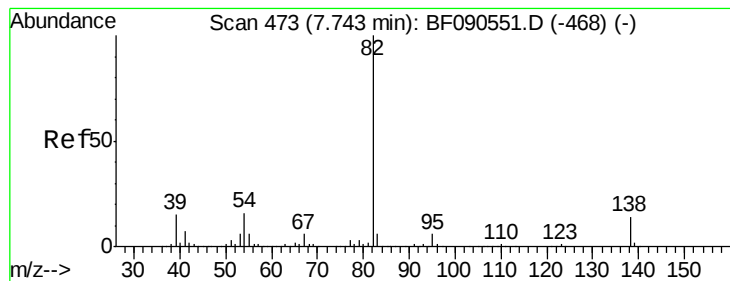
Sohil
 10/20/2016 10:37:05 AM



#24
 Nitrobenzene
 Concen: 41.39 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.7	29.8	44.6
65	14.2	10.9	16.3





#25

Isophorone

Concen: 40.50 ng

RT: 7.71 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1165024

Ion Ratio Lower Upper

82 100

95 6.3 5.0 7.6

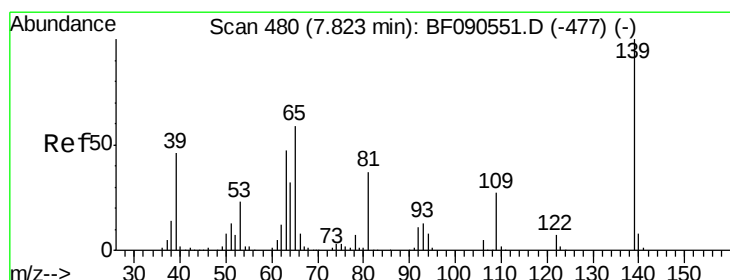
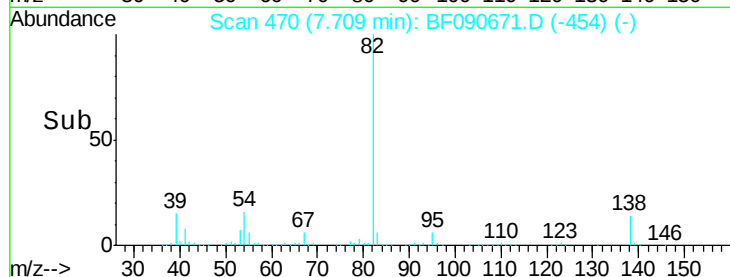
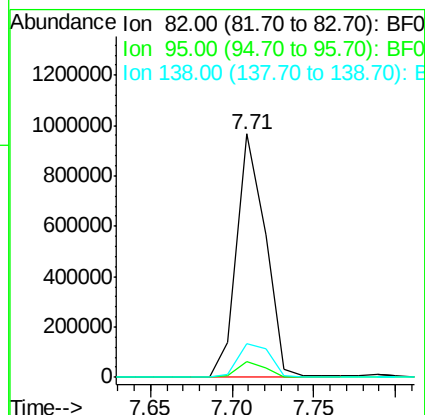
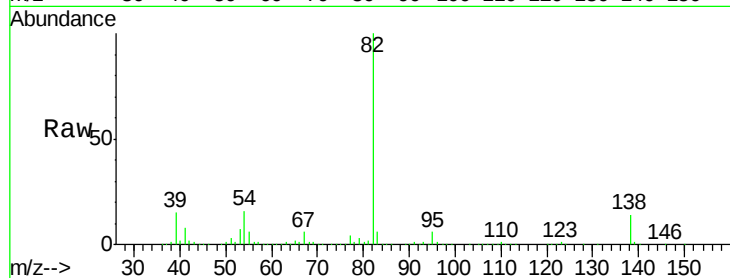
138 13.7 11.5 17.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 36.45 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

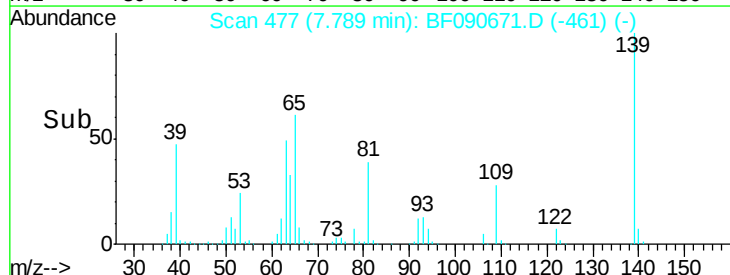
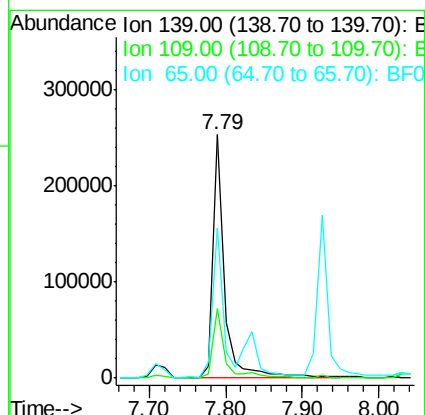
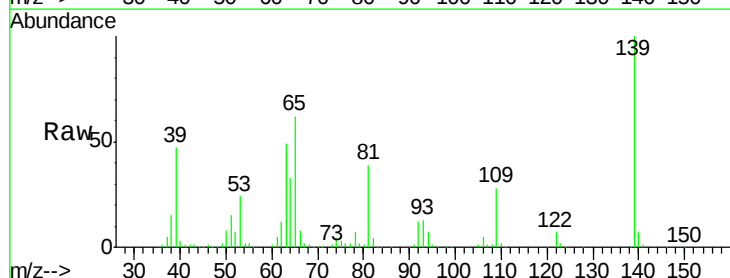
Tgt Ion: 139 Resp: 268209

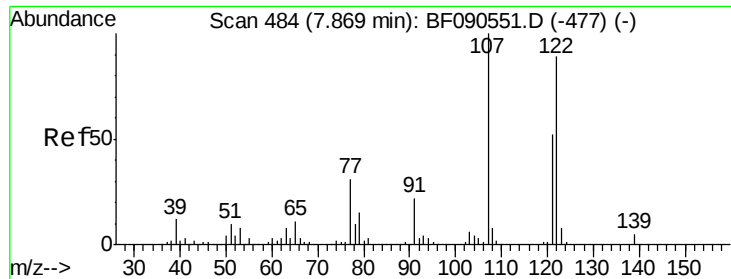
Ion Ratio Lower Upper

139 100

109 28.4 21.8 32.6

65 61.8 47.7 71.5





#27

2,4-Dimethylphenol

Concen: 41.98 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

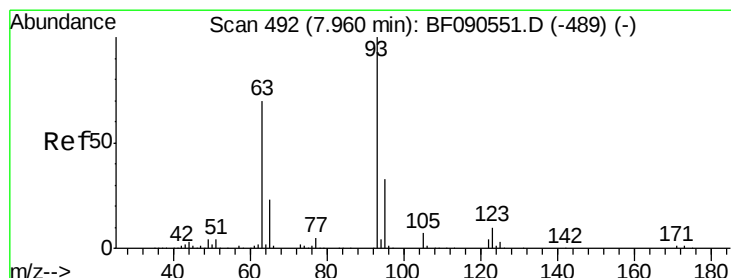
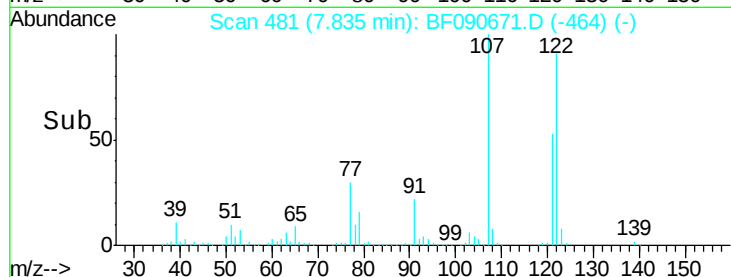
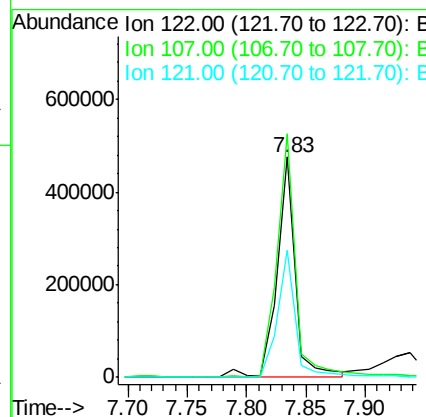
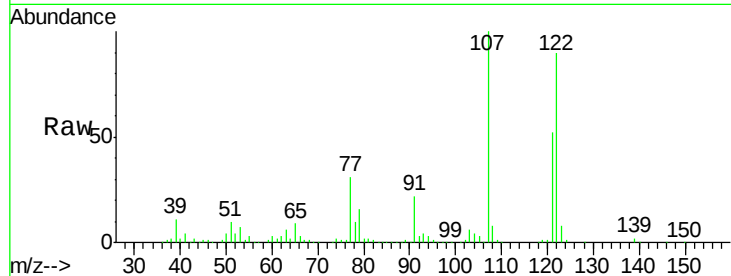
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	512585
Ion Ratio	Lower	Upper	
122	100		
107	110.6	89.8	134.6
121	57.9	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 41.18 ng

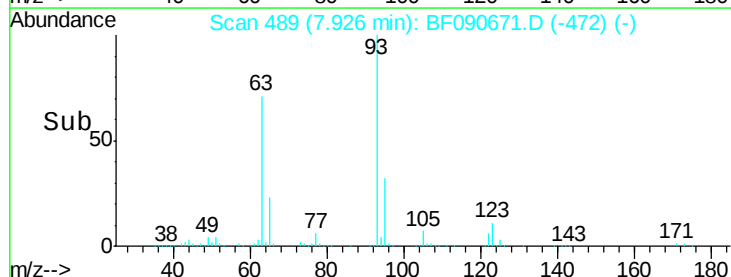
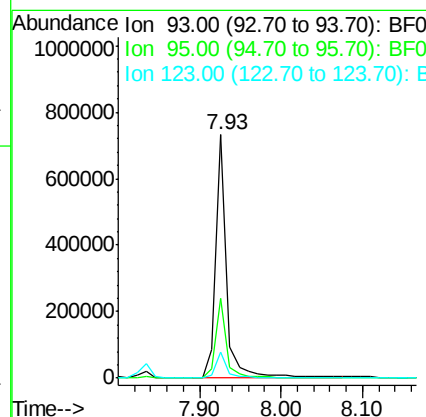
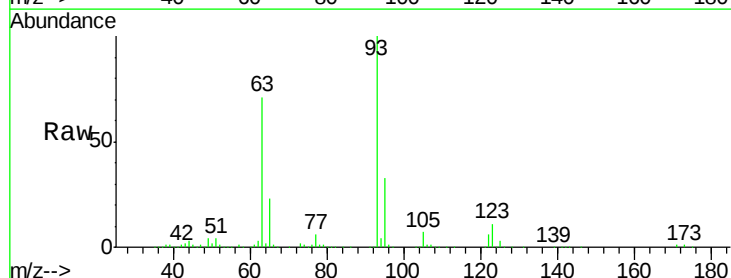
RT: 7.93 min Scan# 489

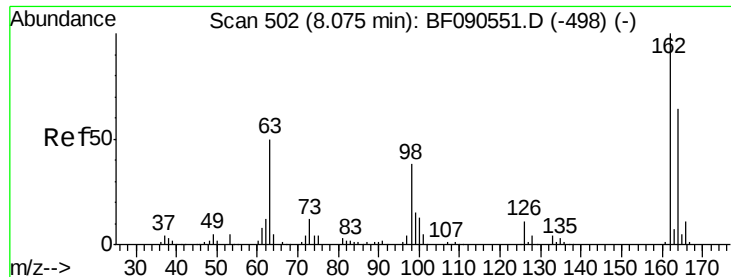
Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion:	93	Resp:	699475
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.2	39.2
123	10.8	8.6	13.0





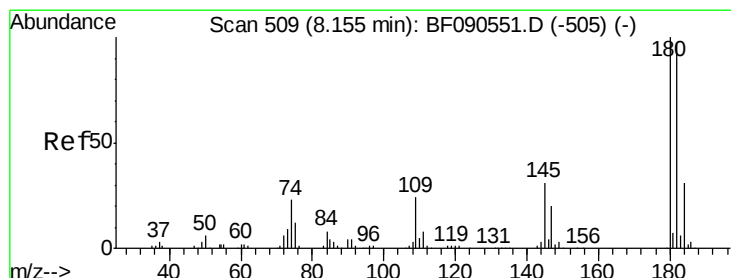
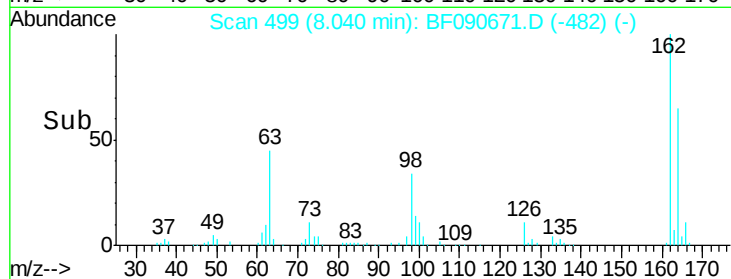
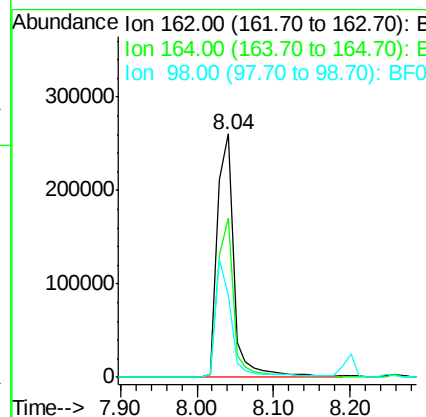
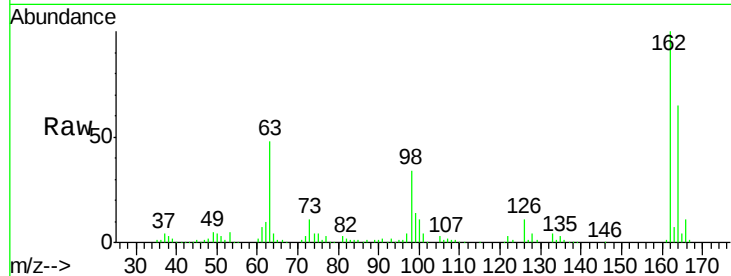
#29
 2,4-Dichlorophenol
 Concen: 36.94 ng
 RT: 8.04 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.5	44.0	84.0
98	34.1	18.0	58.0

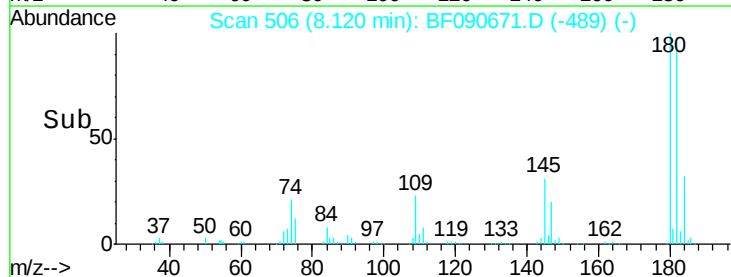
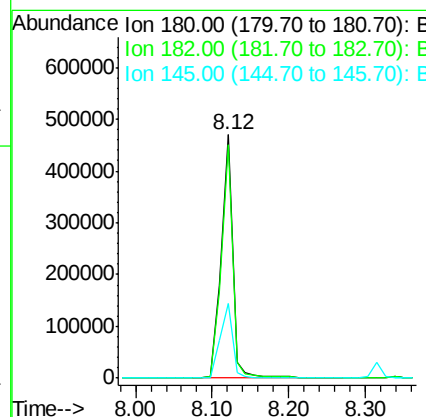
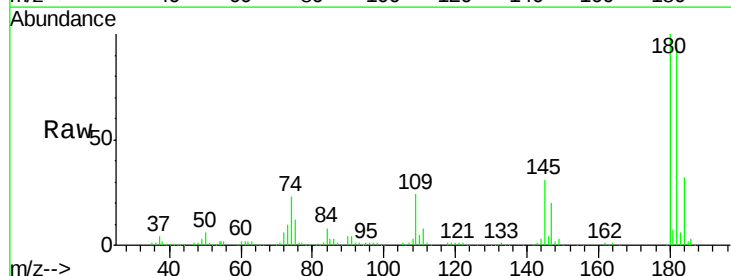
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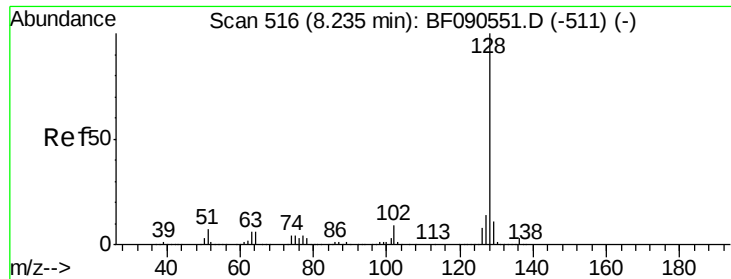
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.31 ng
 RT: 8.12 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	77.2	115.8
145	30.7	24.4	36.6





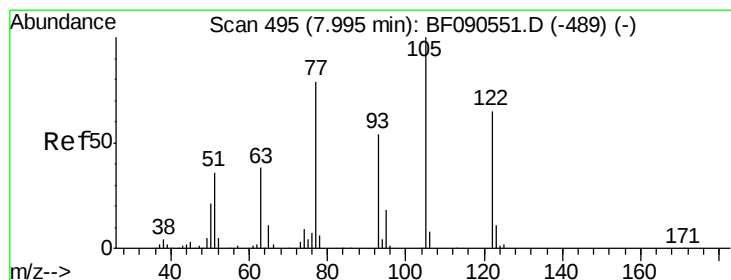
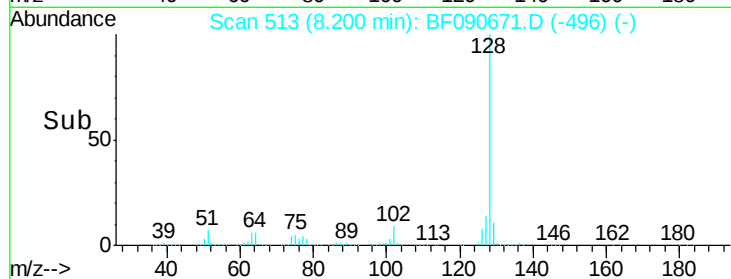
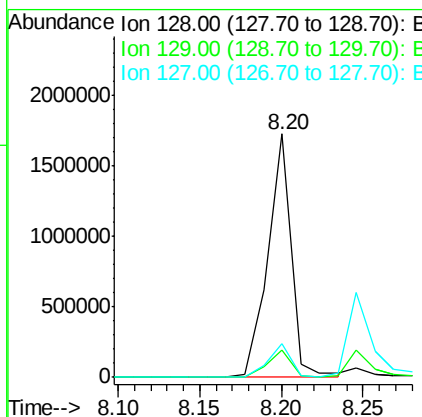
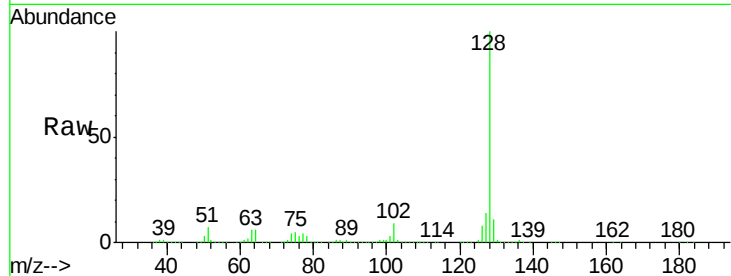
#31
Naphthalene
Concen: 38.62 ng
RT: 8.20 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1726983
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.8 10.8 16.2

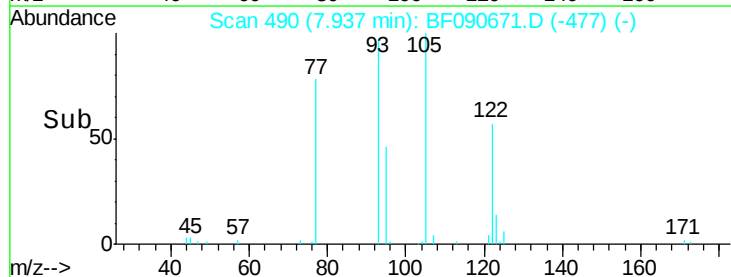
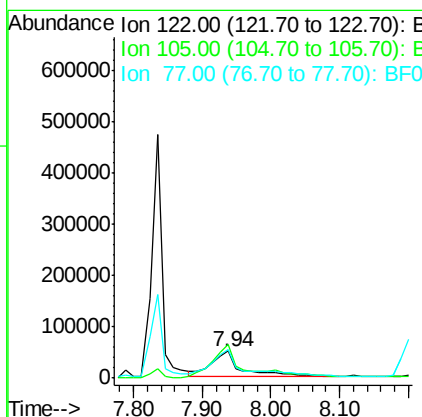
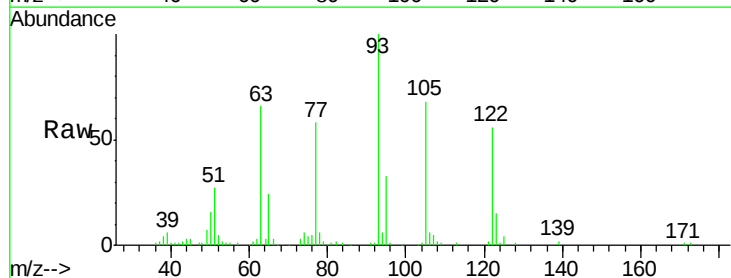
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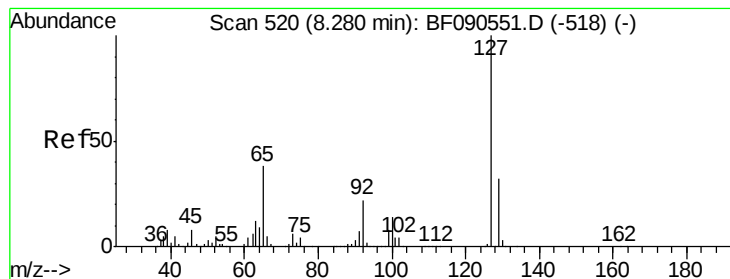
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#32
Benzoic acid
Concen: 21.12 ng
RT: 7.94 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion:122 Resp: 158375
Ion Ratio Lower Upper
122 100
105 122.4 101.1 141.1
77 104.4 84.7 124.7





#33

4-Chloroaniline

Concen: 39.35 ng

RT: 8.25 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

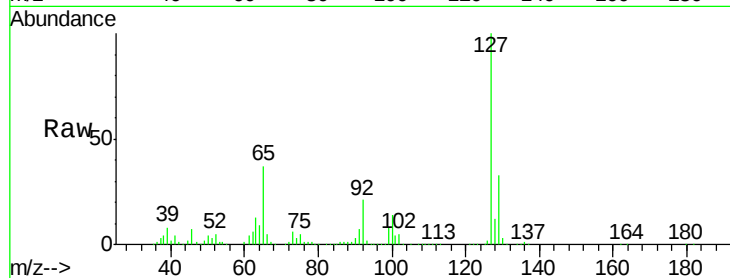
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		672607		
129	32.6	26.2	39.2		
65	37.1	30.1	45.1		
92	21.5	17.2	25.8		

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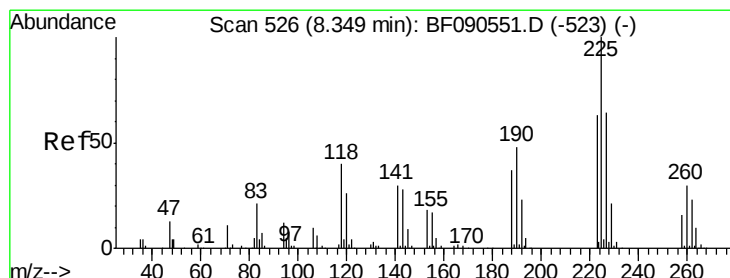
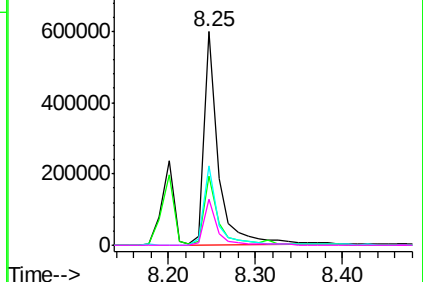
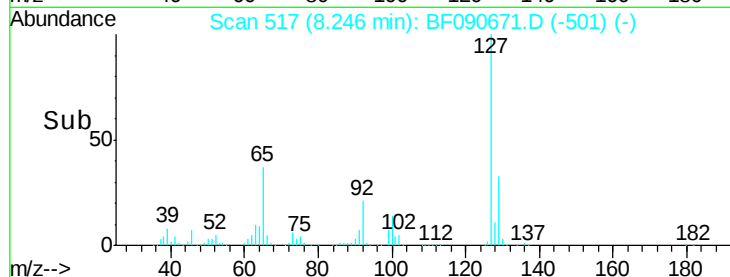


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.24 ng

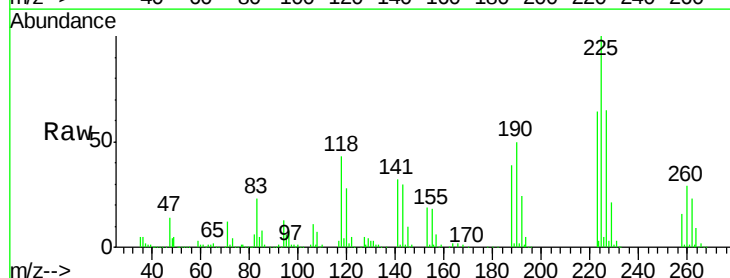
RT: 8.31 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

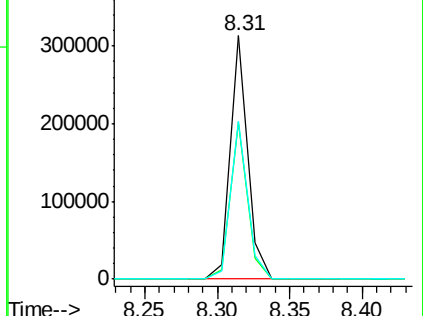
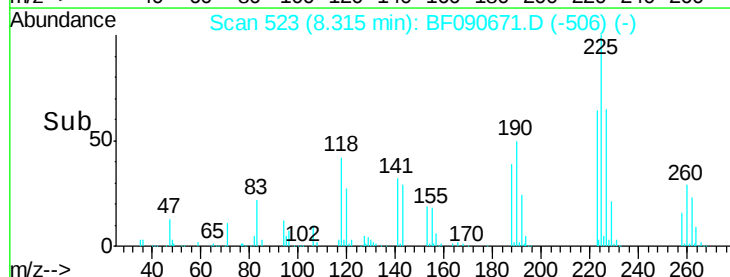
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		260668		
223	64.2	50.6	76.0		
227	64.6	51.4	77.2		

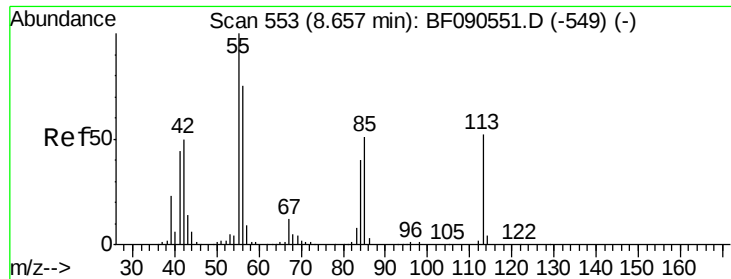


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.15 ng

RT: 8.62 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

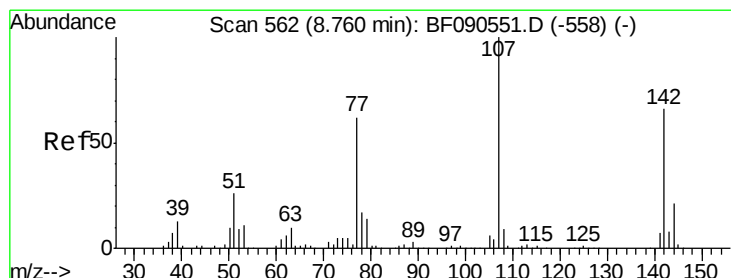
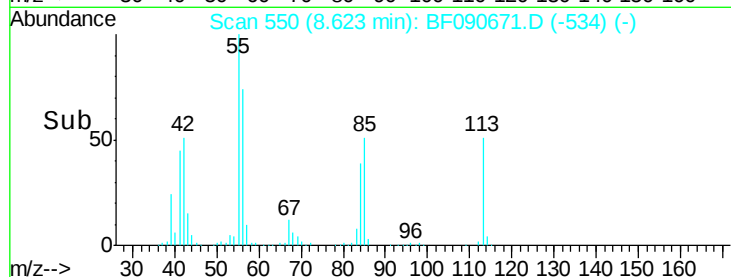
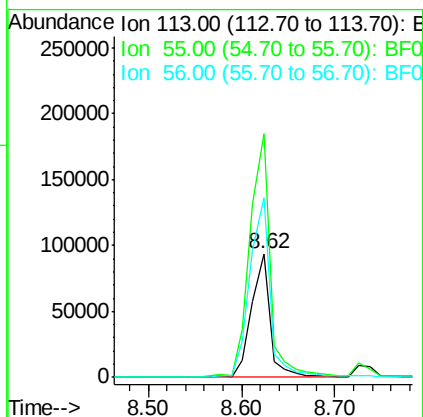
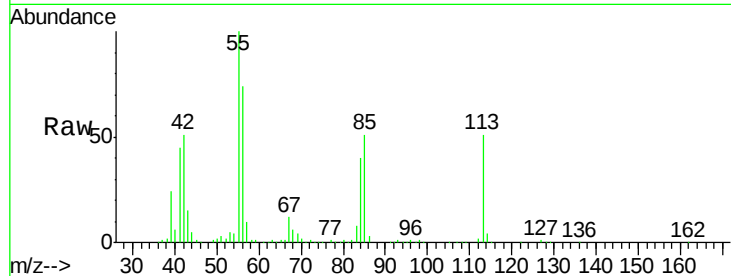
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.5	170.8	210.8
56	144.9	122.4	162.4

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#36

4-Chloro-3-methylphenol

Concen: 37.64 ng

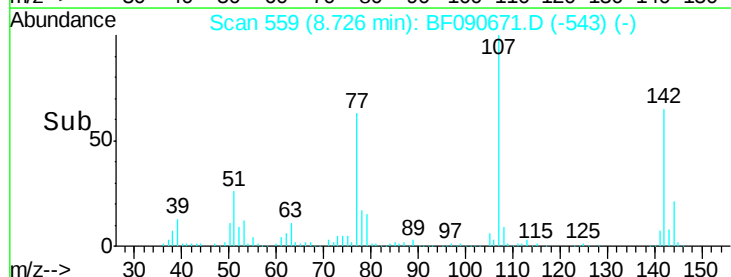
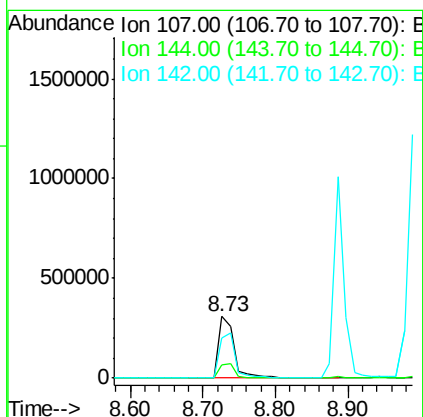
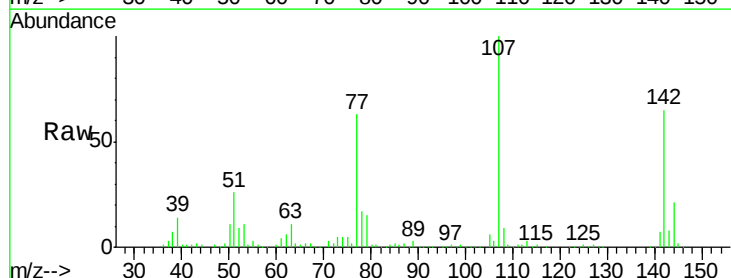
RT: 8.73 min Scan# 559

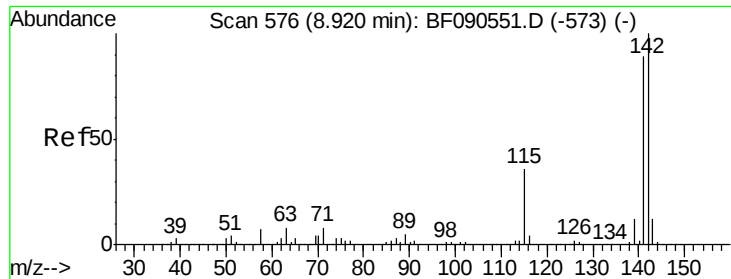
Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.2	16.9	25.3
142	65.1	52.5	78.7





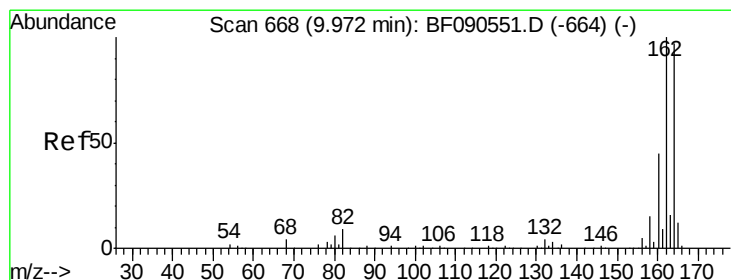
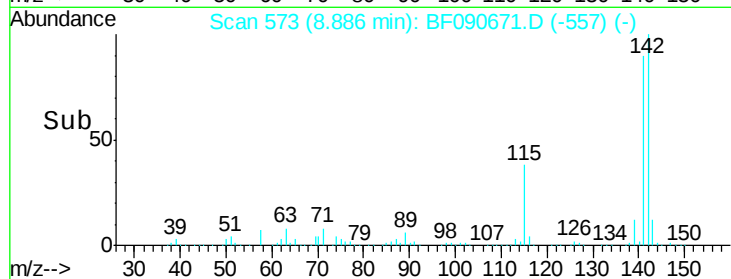
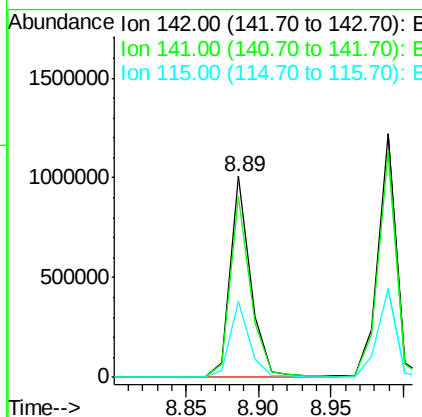
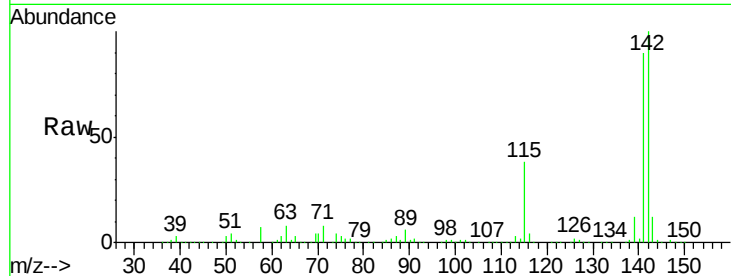
#37
2-Methylnaphthalene
Concen: 37.66 ng
RT: 8.89 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	37.8	28.8	43.2

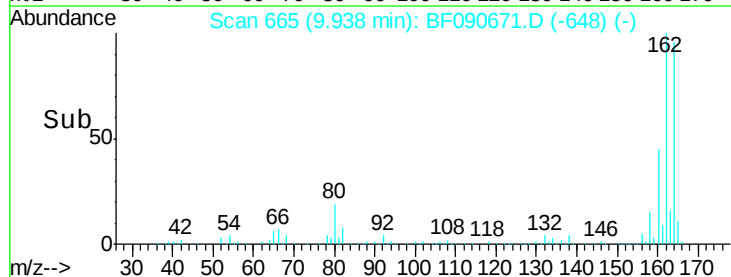
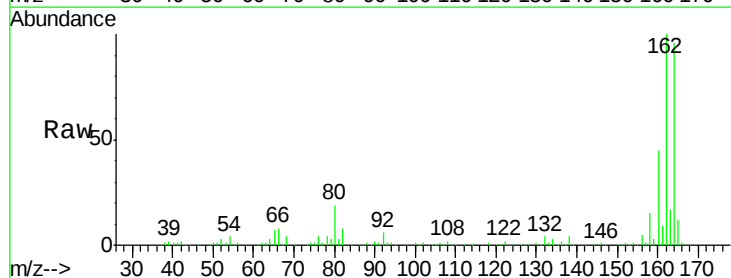
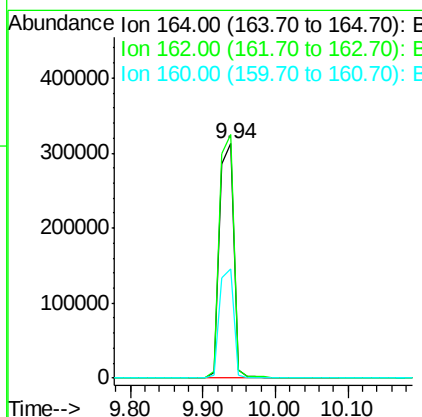
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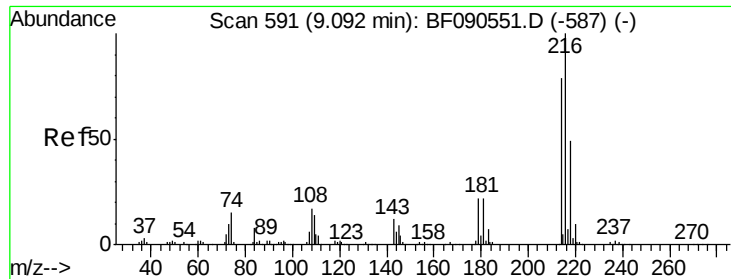
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.2	123.4
160	46.8	36.6	55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.95 ng

RT: 9.06 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

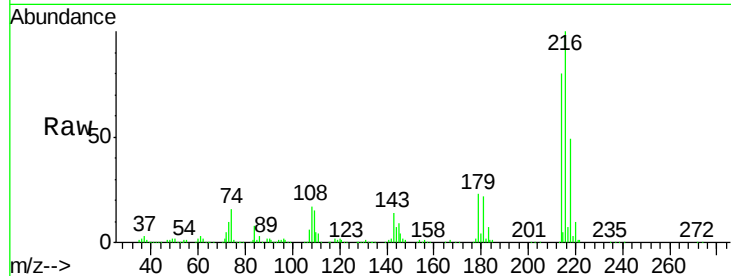
ClientSampleId :

SSTDCCC040

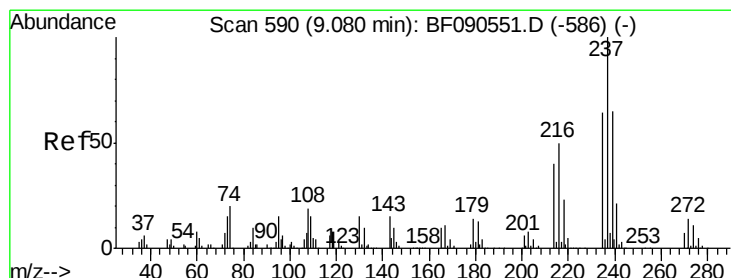
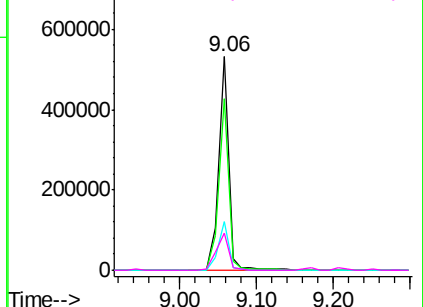
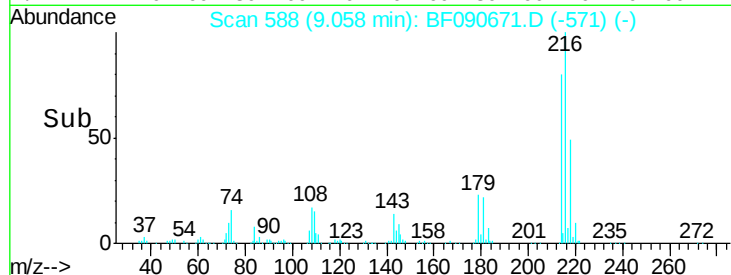
Tot Ion	Ratio	Resp	Lower	Upper
216	100	479094		
214	80.1	63.5	95.3	
179	23.5	18.9	28.3	
108	21.3	17.8	26.6	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 20.71 ng

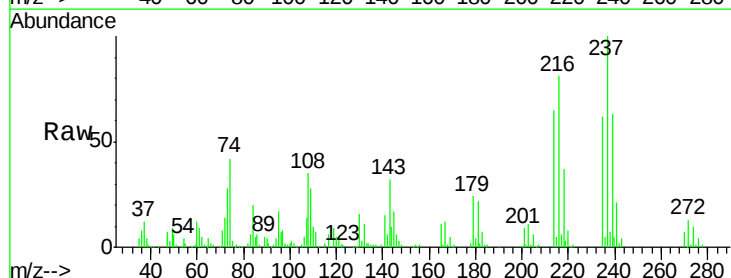
RT: 9.05 min Scan# 587

Delta R.T. 0.00 min

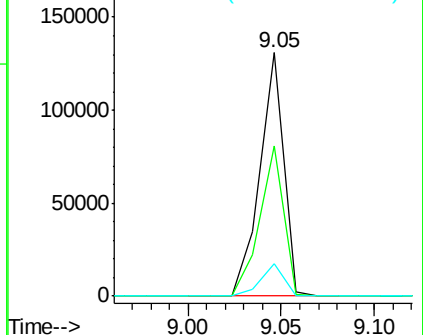
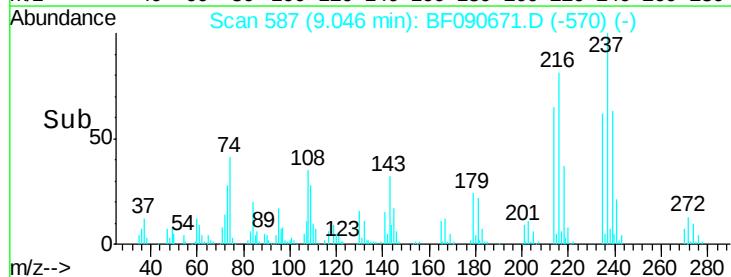
Lab File: BF090671.D

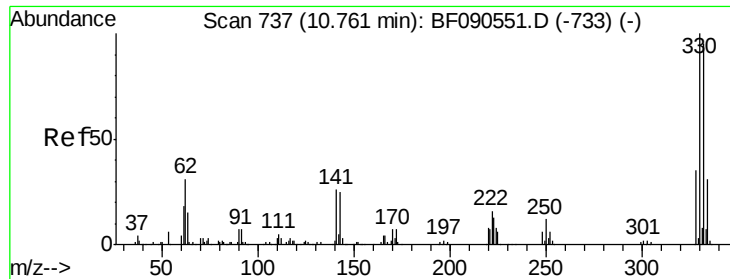
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	115538		
235	61.7	43.8	83.8	
272	13.2	0.0	33.7	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





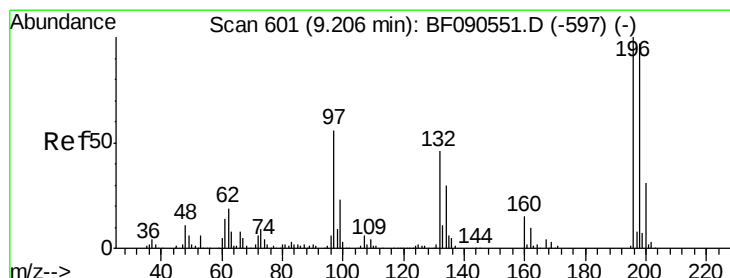
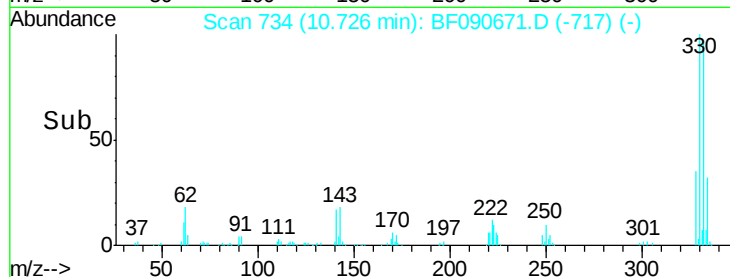
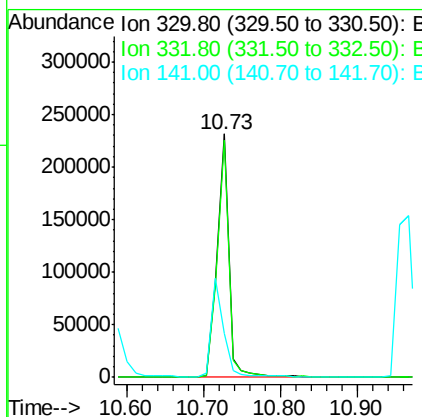
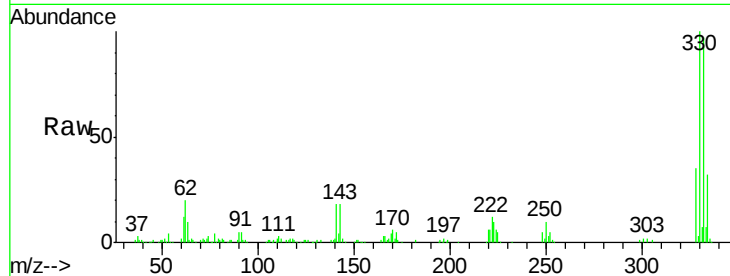
#41
 2,4,6-Tribromophenol
 Concen: 64.85 ng
 RT: 10.73 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	249034		
332	97.0	76.2	114.2	
141	40.5	31.4	47.2	

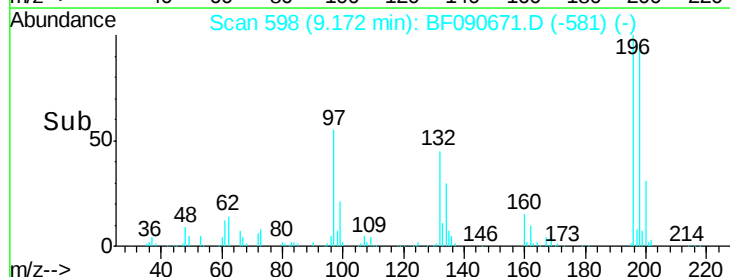
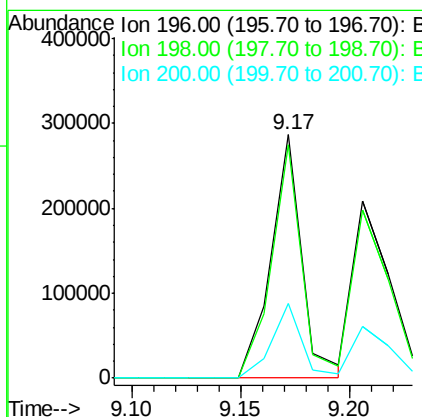
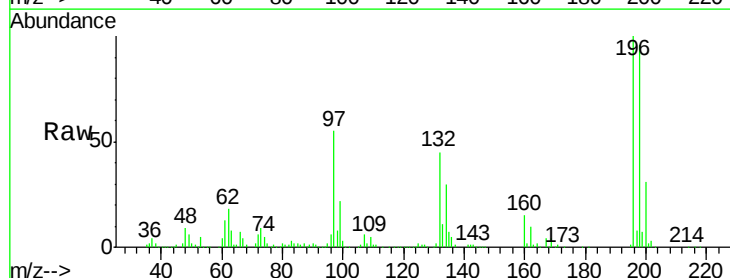
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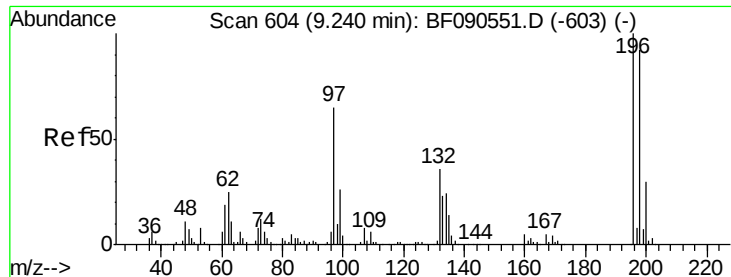
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 44.31 ng
 RT: 9.17 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285425		
198	96.1	77.9	116.9	
200	30.8	25.1	37.7	





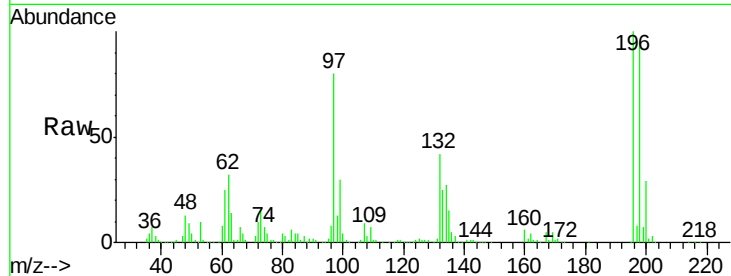
#43
2,4,5-Trichlorophenol
Concen: 34.27 ng
RT: 9.21 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

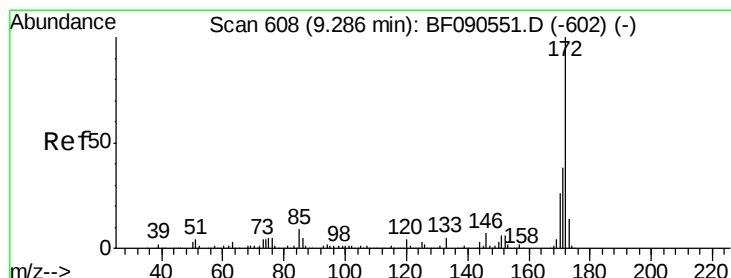
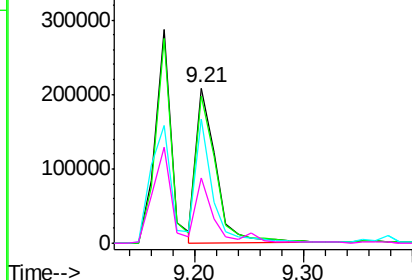
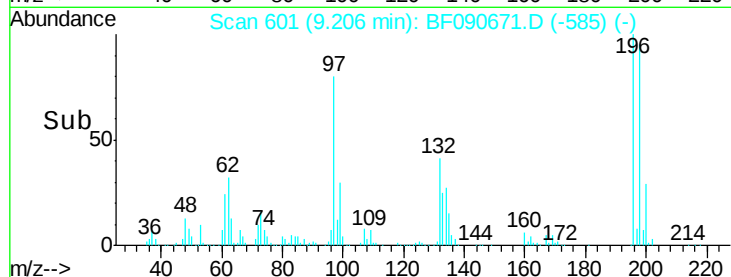
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		263338		
198	94.7	74.0	111.0		
97	80.0	54.7	82.1		
132	41.7	30.5	45.7		

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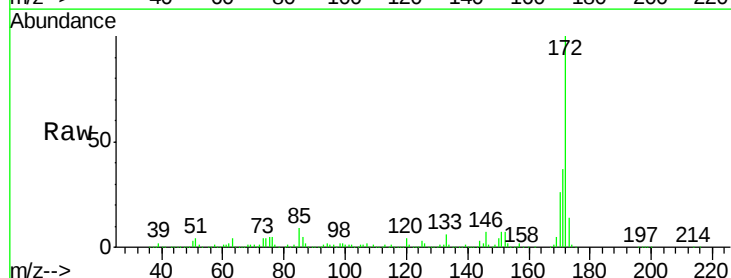


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

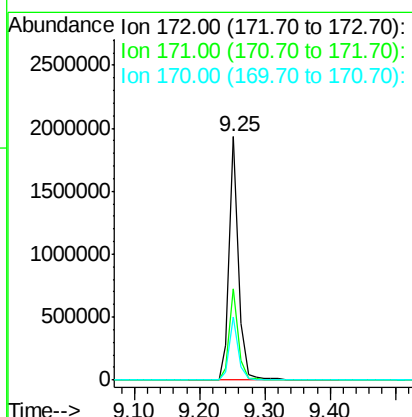
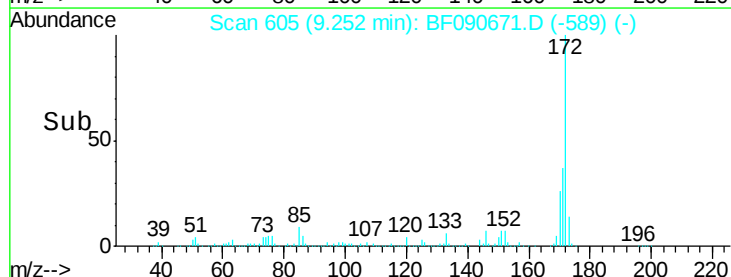


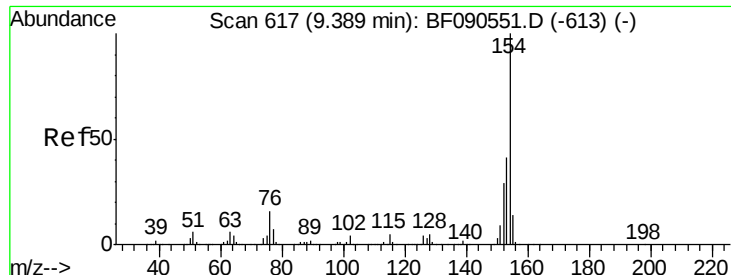
#44
2-Fluorobiphenyl
Concen: 73.87 ng
RT: 9.25 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1931027		
171	37.5	30.1	45.1		
170	25.8	20.6	30.8		



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: 41.73 ng

RT: 9.35 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1367812

Ion Ratio Lower Upper

154 100

153 41.8 21.5 61.5

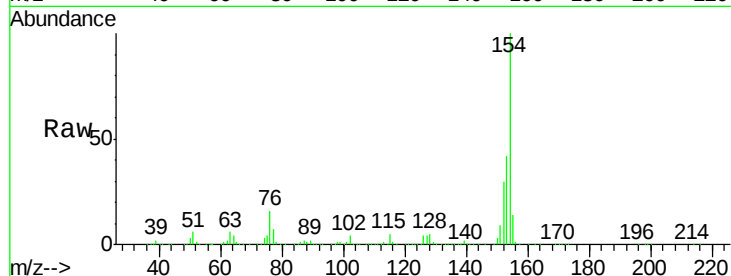
76 16.2 0.0 36.0

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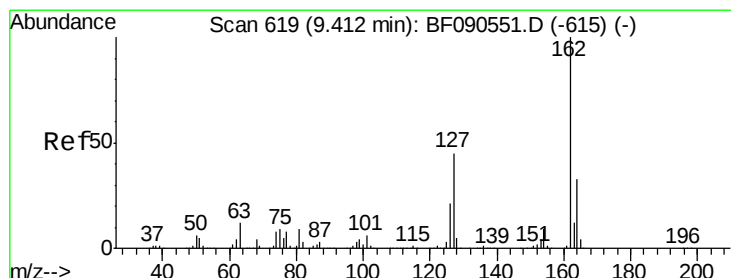
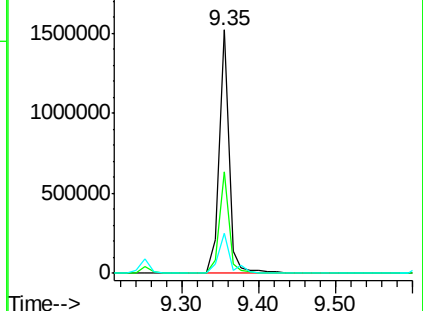
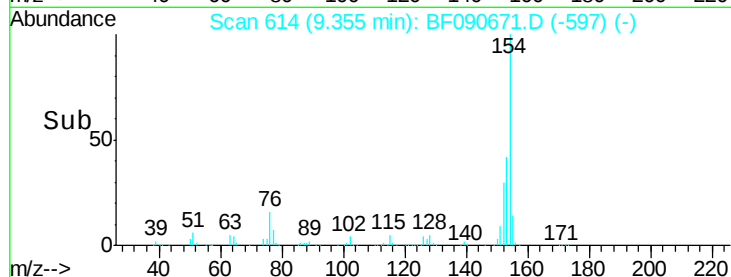
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.26 ng

RT: 9.38 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

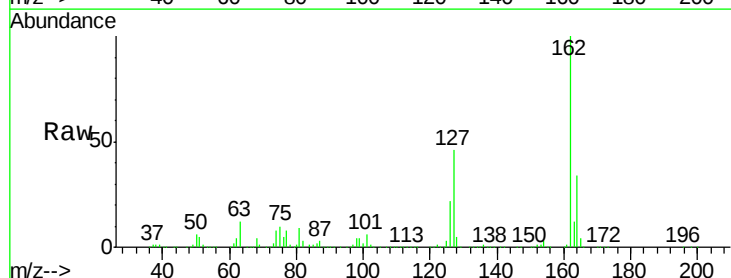
Tgt Ion:162 Resp: 983983

Ion Ratio Lower Upper

162 100

127 45.6 35.9 53.9

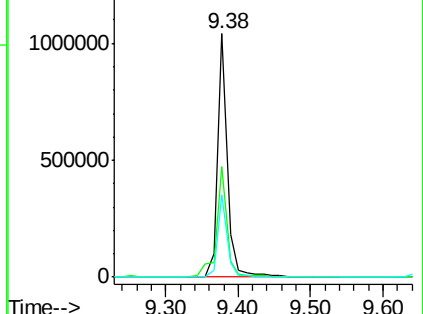
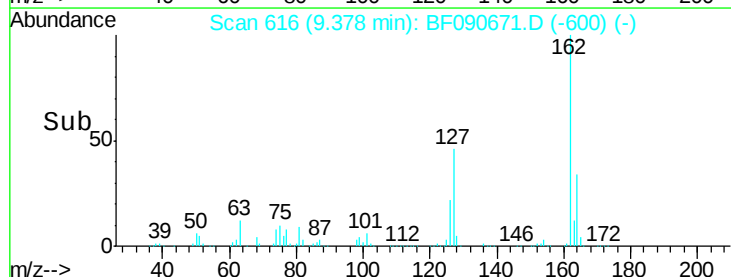
164 33.7 26.7 40.1

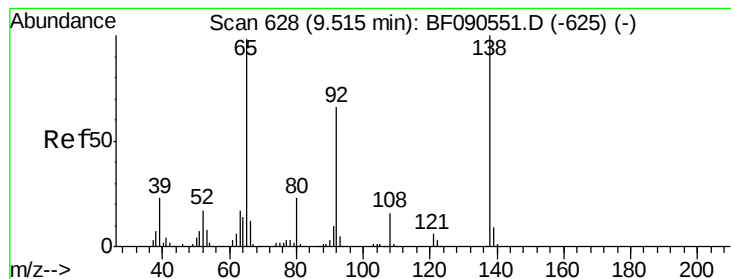


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.56 ng

RT: 9.48 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

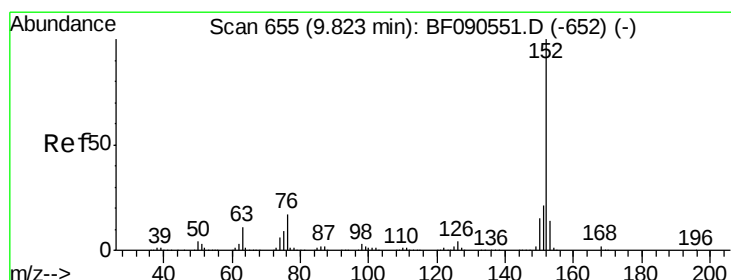
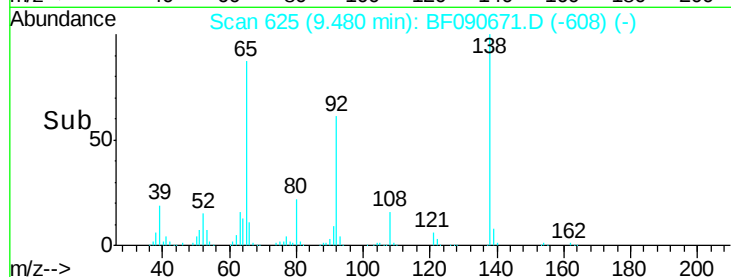
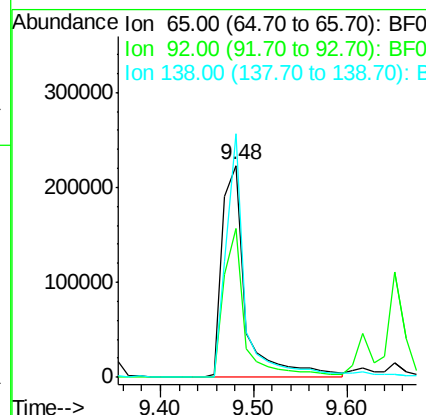
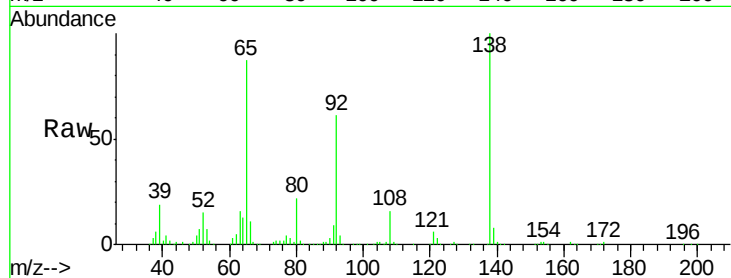
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	385964
Ion Ratio	Lower	Upper	
65	100		
92	70.0	54.3	81.5
138	115.0	81.7	122.5

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#48

Acenaphthylene

Concen: 39.04 ng

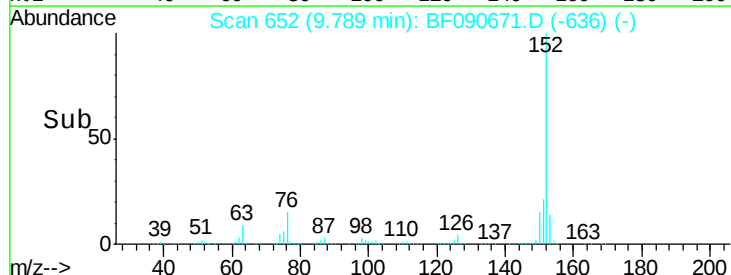
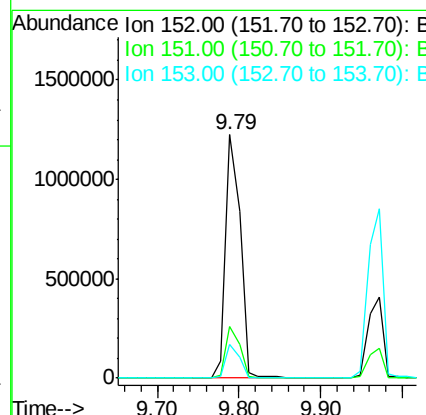
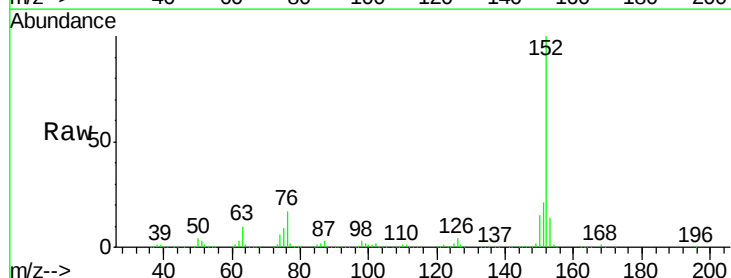
RT: 9.79 min Scan# 652

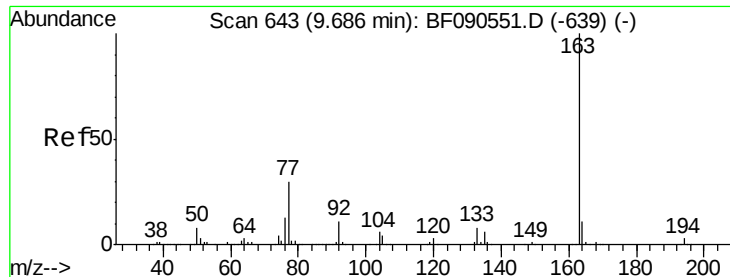
Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion:	152	Resp:	1519269
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.6	25.0
153	14.0	11.3	16.9





#49

Dimethylphthalate

Concen: 38.98 ng

RT: 9.65 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:163 Resp: 1089356

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

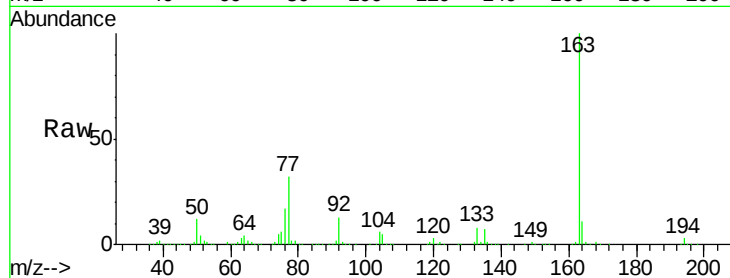
164 10.7 8.6 13.0

Manual Integrations

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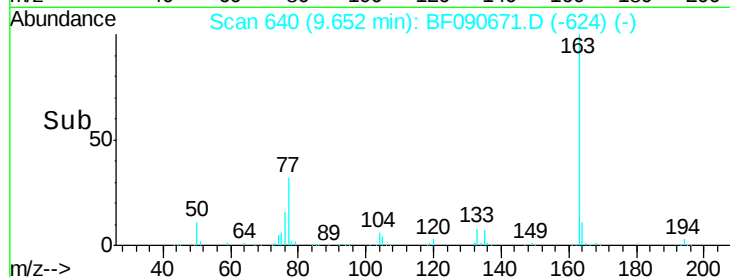


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

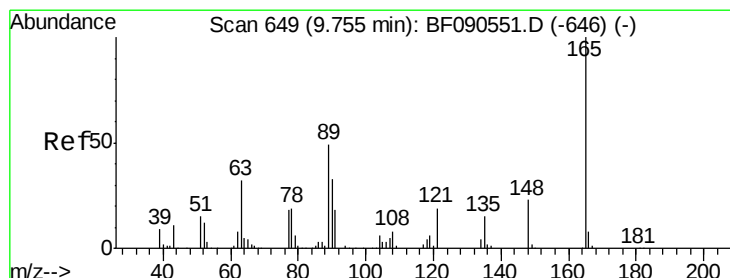
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#50

2,6-Dinitrotoluene

Concen: 42.83 ng

RT: 9.72 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

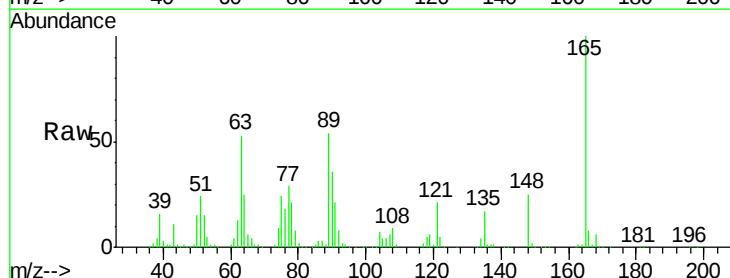
Tgt Ion:165 Resp: 261923

Ion Ratio Lower Upper

165 100

63 53.0 40.1 60.1

89 54.1 39.5 59.3

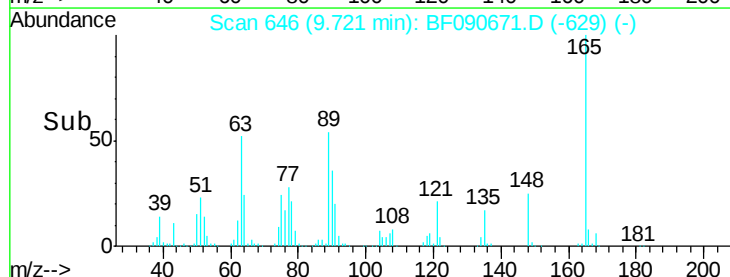


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

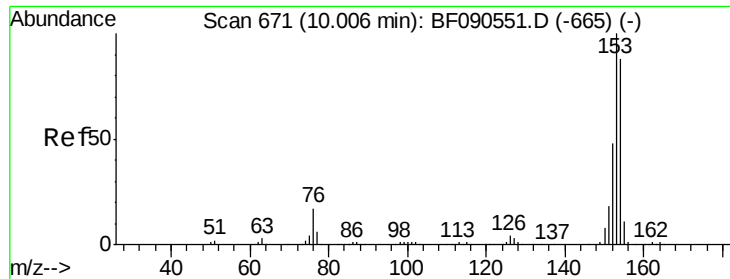
Ion 89.00 (88.70 to 89.70): BF0

Time-->



Abundance

Time-->



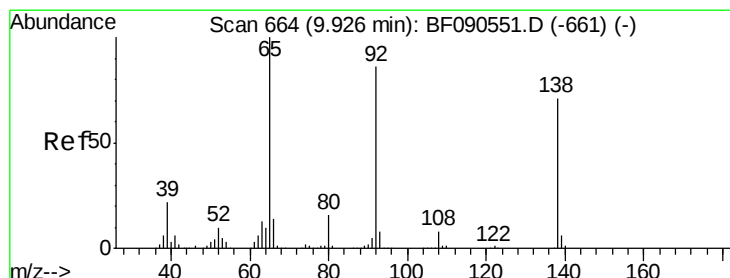
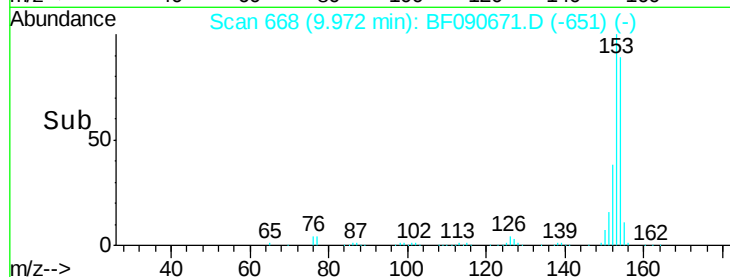
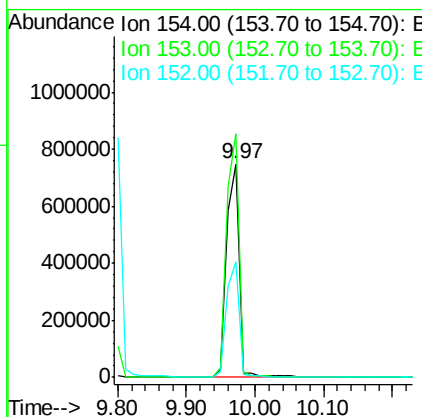
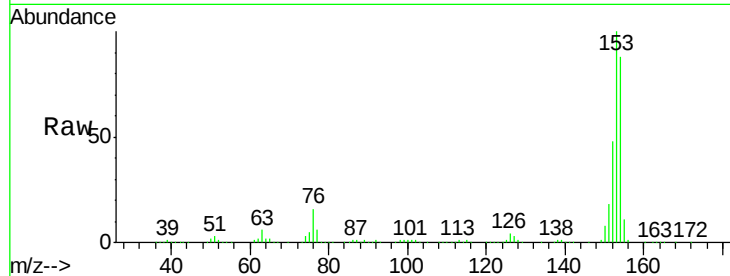
#51
Acenaphthene
Concen: 37.87 ng
RT: 9.97 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.2	136.8
152	54.2	44.0	66.0

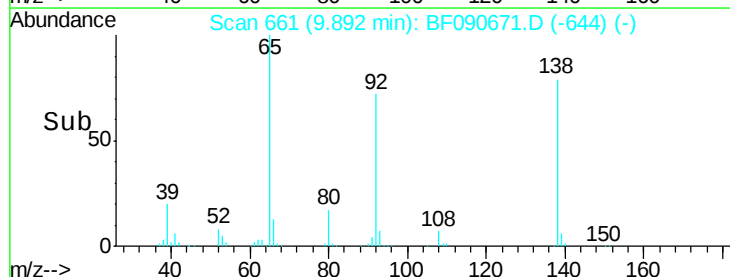
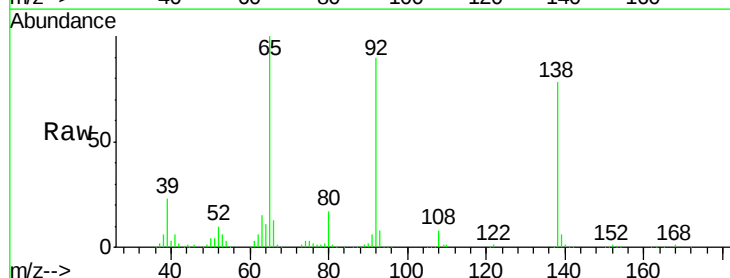
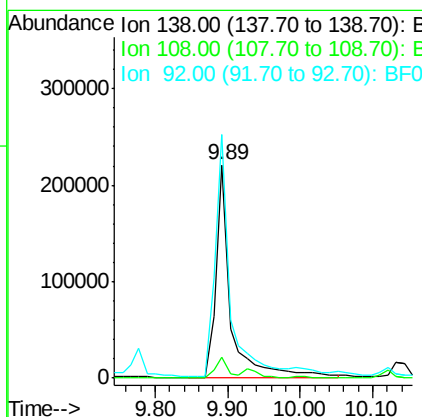
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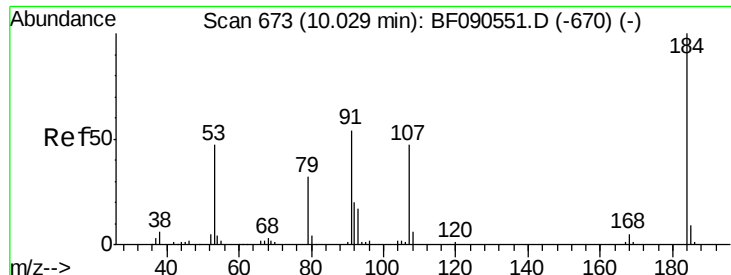
Sohil
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#52
3-Nitroaniline
Concen: 40.20 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.6	12.8
92	114.2	97.8	146.8





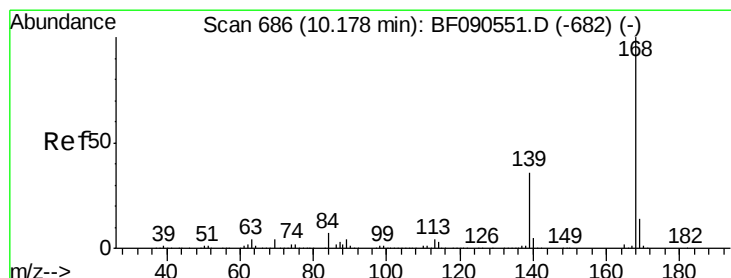
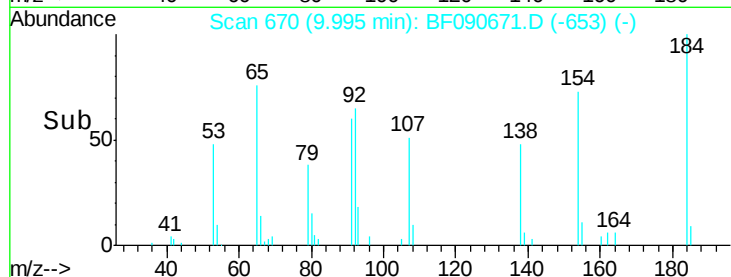
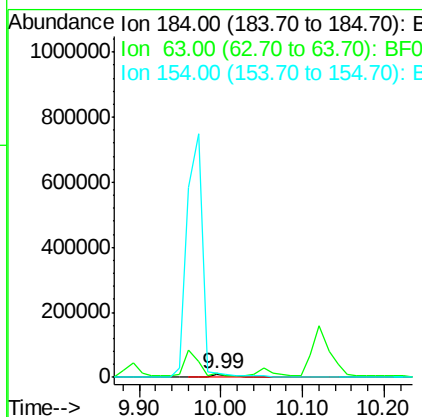
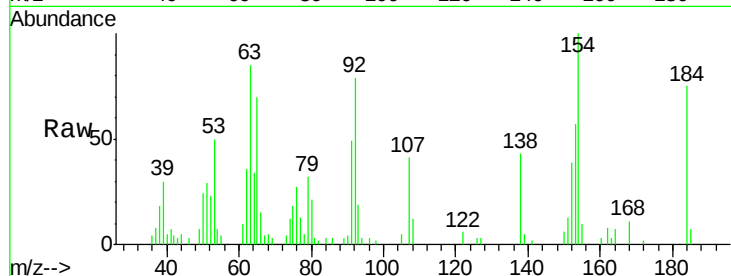
#53
 2,4-Dinitrophenol
 Concen: 12.29 ng
 RT: 9.99 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	113.3	60.2	90.2	#
154	134.0	86.1	129.1	#

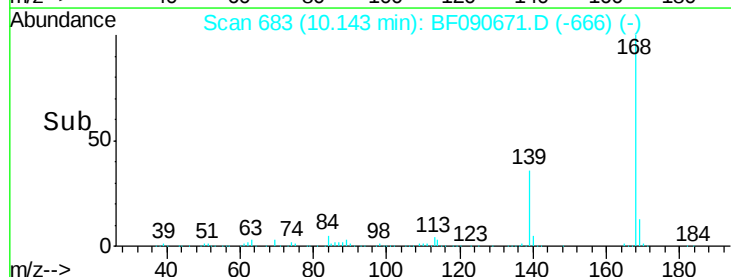
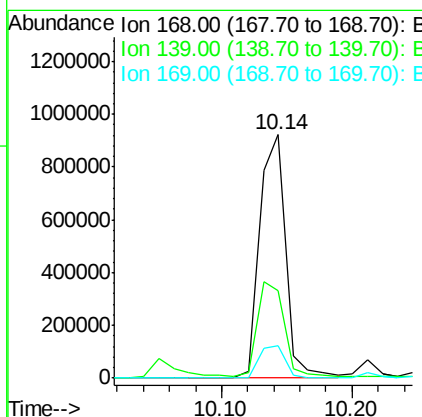
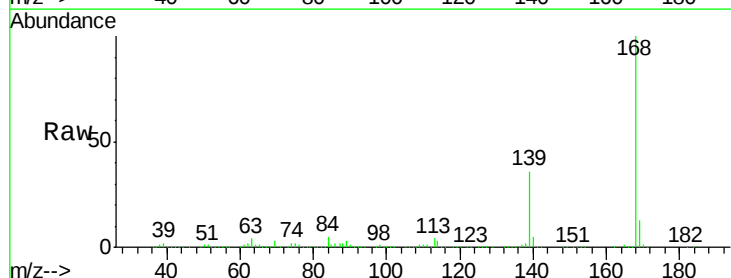
Manual Integrations
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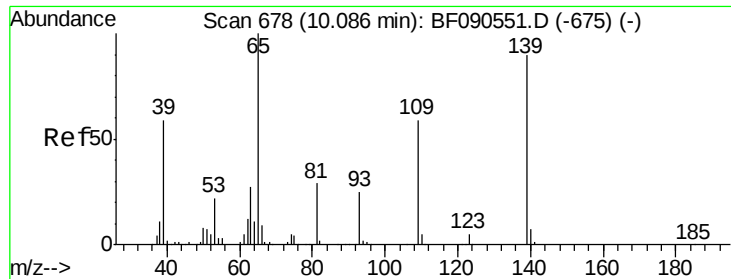
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#54
 Dibenzofuran
 Concen: 37.80 ng
 RT: 10.14 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.1	30.5	45.7	
169	13.3	10.9	16.3	





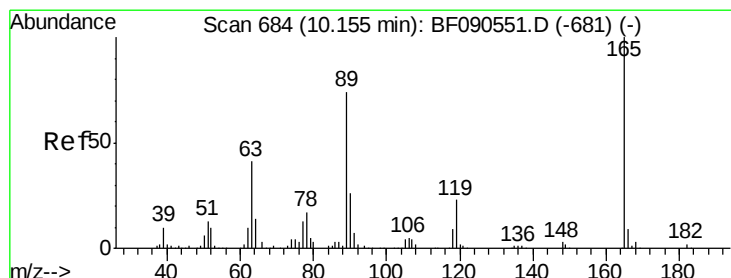
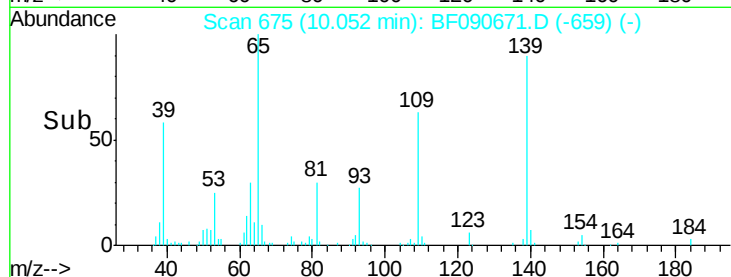
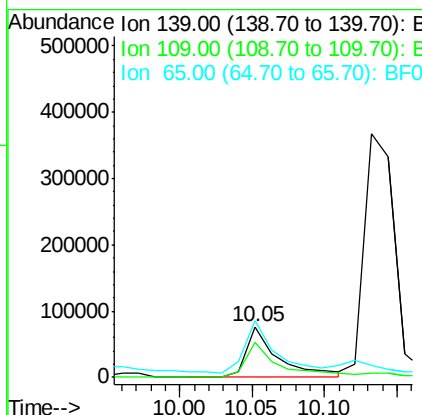
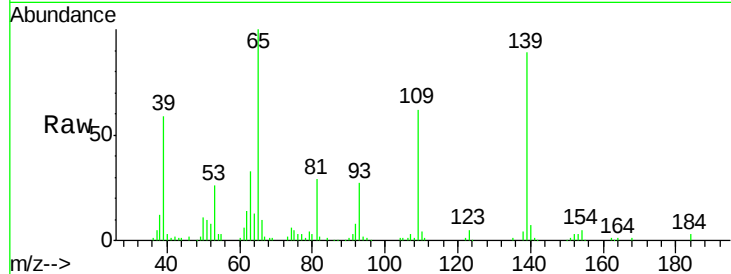
#55
4-Nitrophenol
Concen: 24.81 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.9	45.9	85.9	
65	112.8	95.8	135.8	

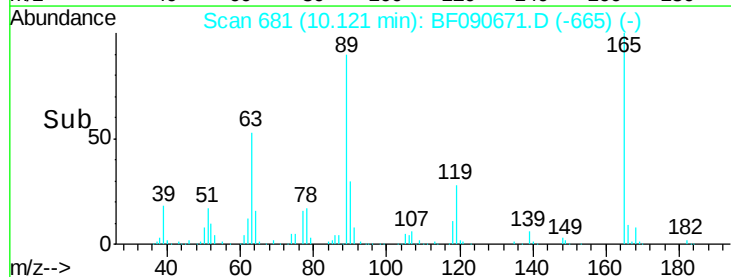
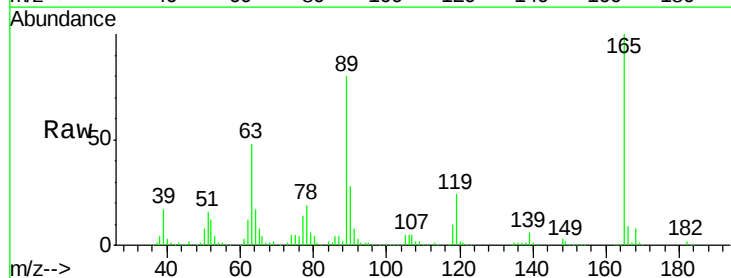
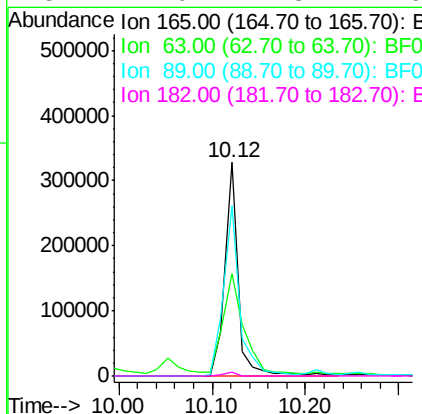
Manual Integrations
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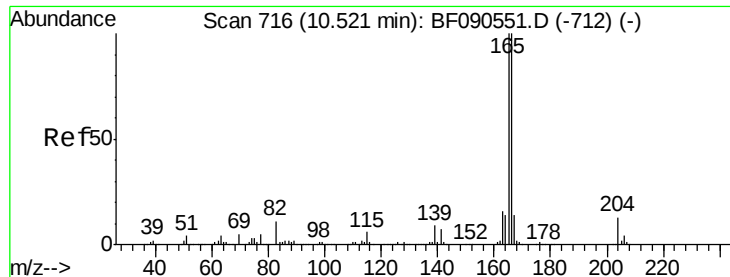
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#56
2,4-Dinitrotoluene
Concen: 39.20 ng
RT: 10.12 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.0	35.4	53.0	
89	79.7	59.0	88.4	
182	2.0	1.8	2.6	





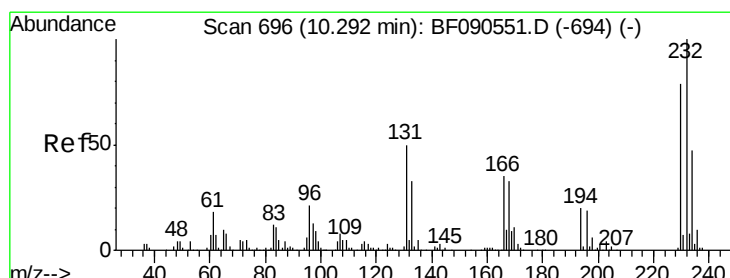
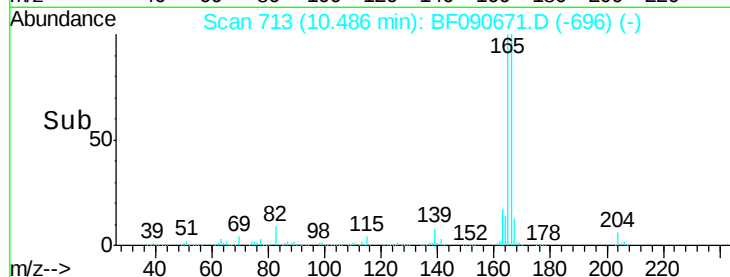
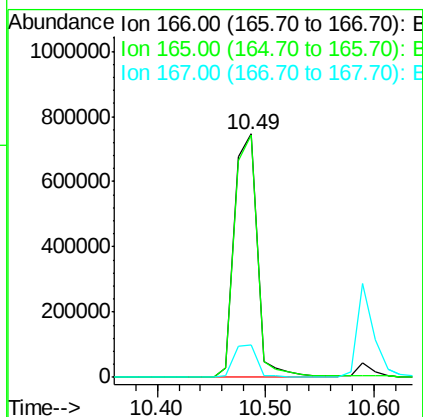
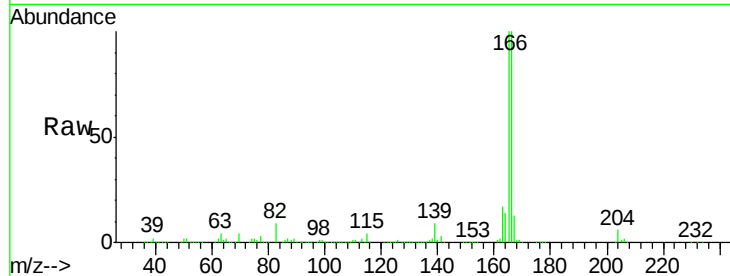
#57
 Fluorene
 Concen: 38.37 ng
 RT: 10.49 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.9	119.9
167	13.1	10.9	16.3

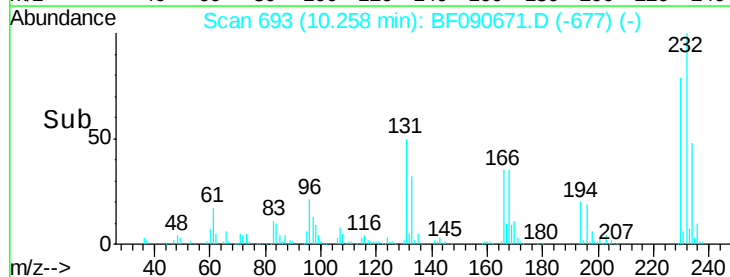
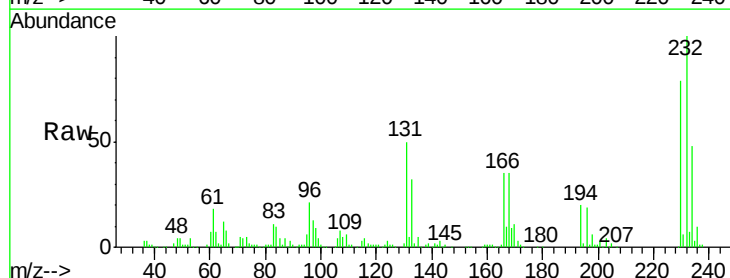
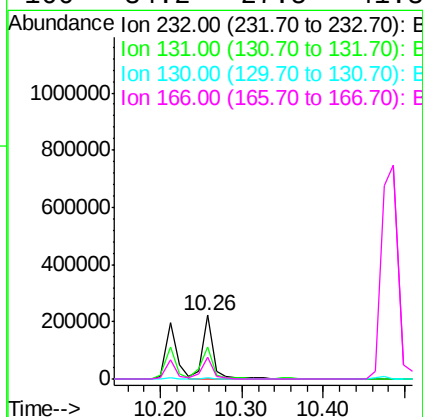
Manual Integrations
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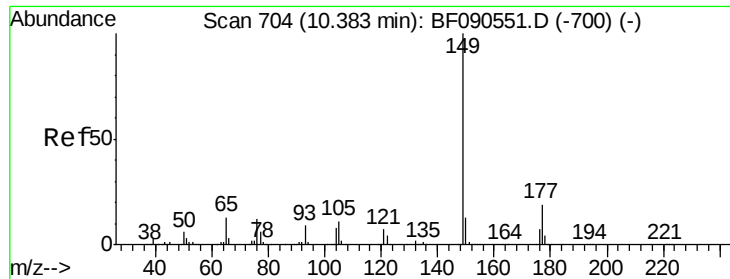
Sohil
 10/20/2016 10:37:05 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.91 ng
 RT: 10.26 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.3	42.6	64.0
130	2.5	1.8	2.8
166	34.2	27.5	41.3





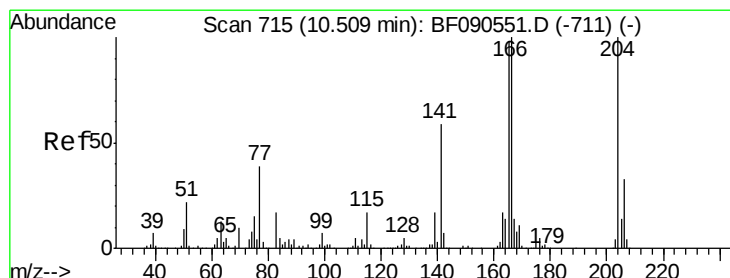
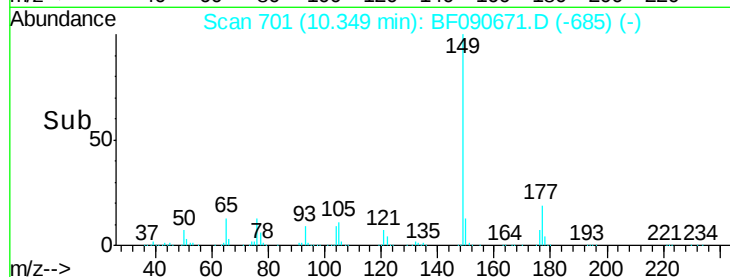
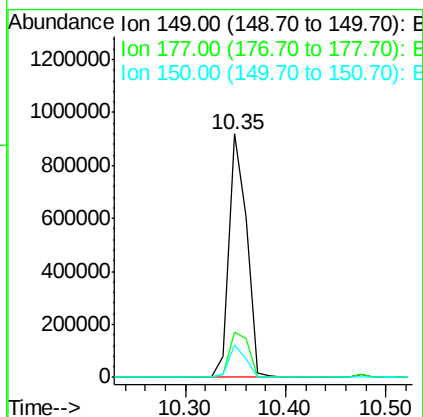
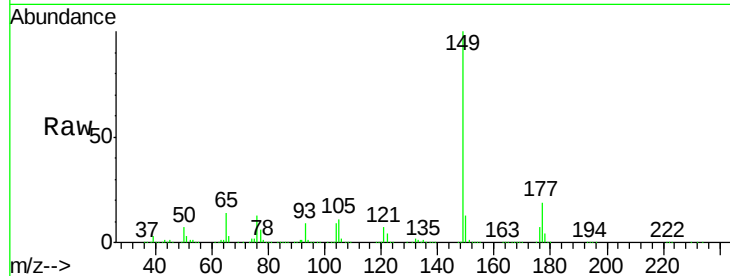
#59
Diethylphthalate
Concen: 39.66 ng
RT: 10.35 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1124160
Ion Ratio Lower Upper
149 100
177 18.8 15.3 22.9
150 13.1 10.3 15.5

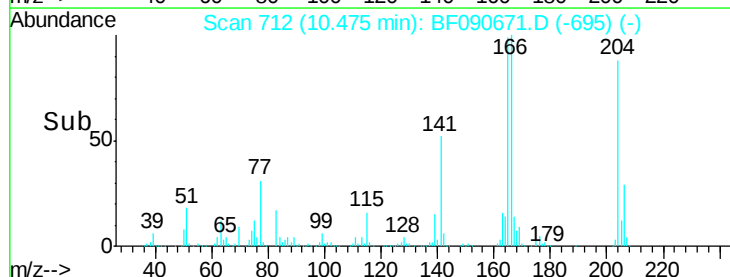
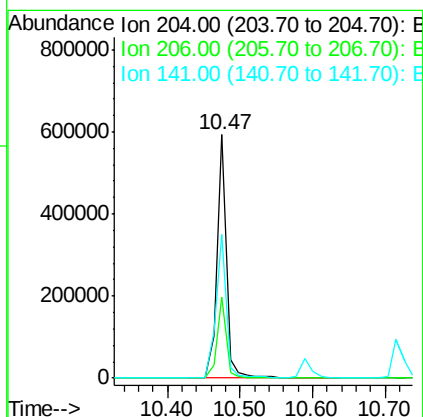
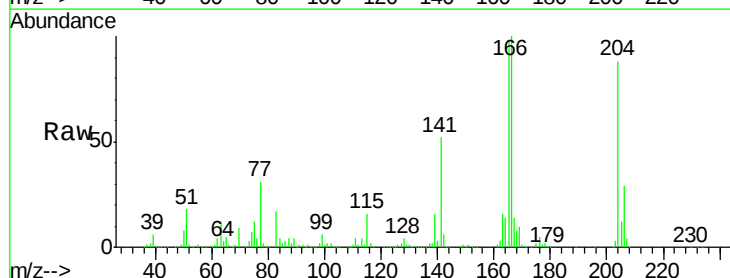
Manual Integrations
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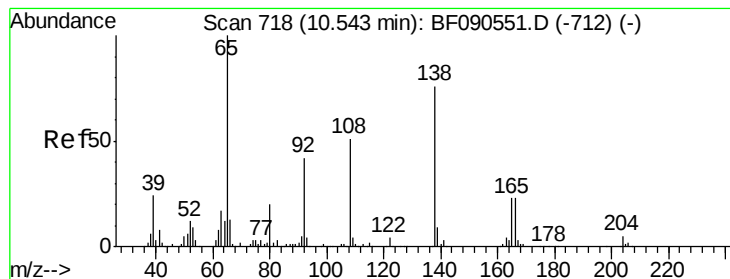
Sohil
10/20/2016 10:37:05 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.57 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion:204 Resp: 536723
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 59.2 47.2 70.8





#61

4-Nitroaniline

Concen: 37.01 ng

RT: 10.51 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

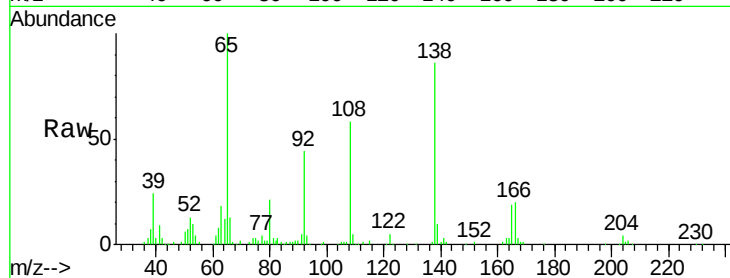
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	284768
Ion Ratio	Lower	Upper	
138	100		
92	51.4	35.7	75.7
108	67.6	46.9	86.9

Manual Integrations
APPROVED

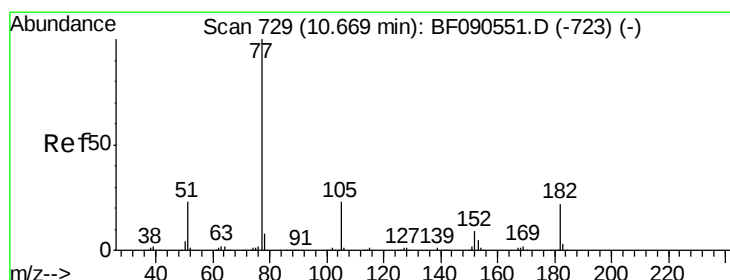
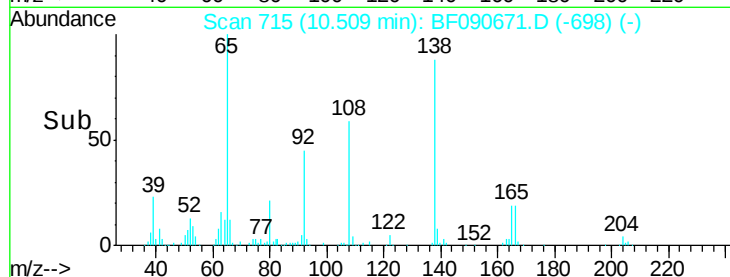
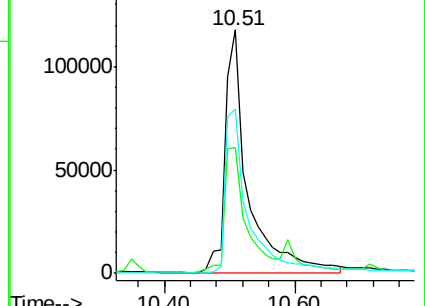
Sohil
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.07 ng

RT: 10.63 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

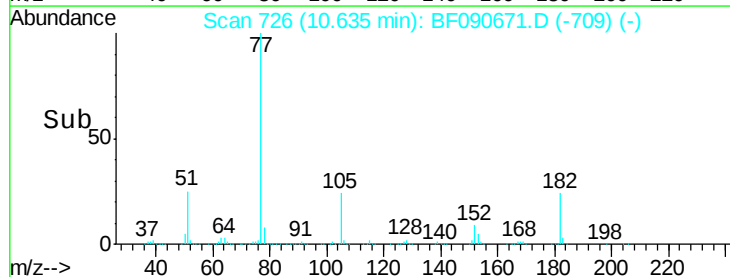
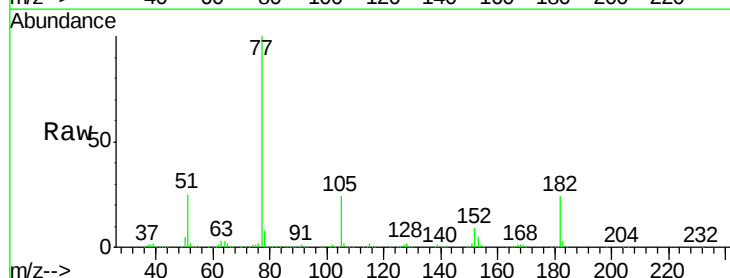
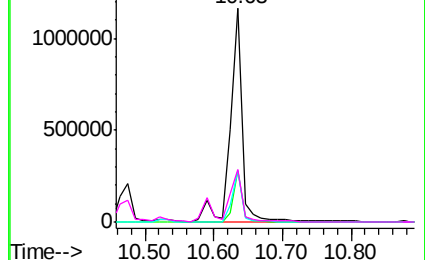
Tgt Ion:	77	Resp:	1412079
Ion Ratio	Lower	Upper	
77	100		
182	23.8	2.2	42.2
105	24.2	3.5	43.5
51	24.6	3.7	43.7

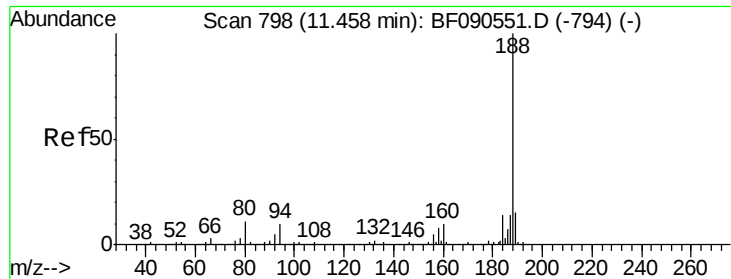
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





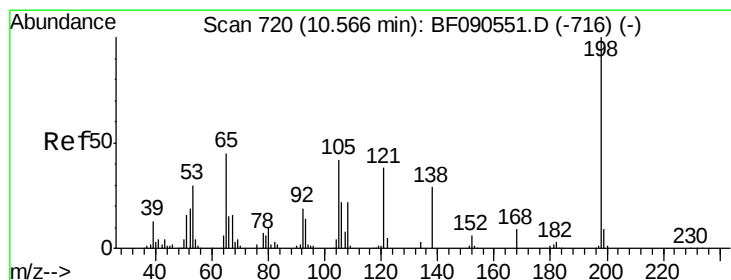
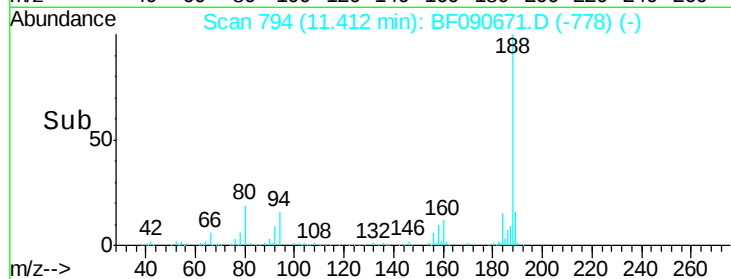
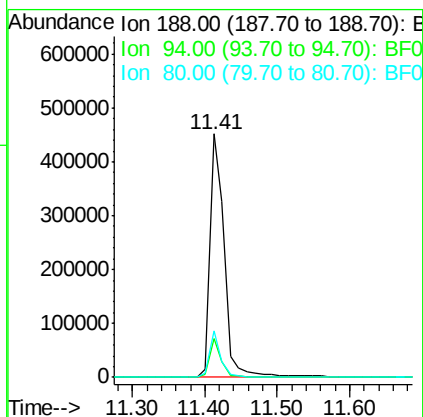
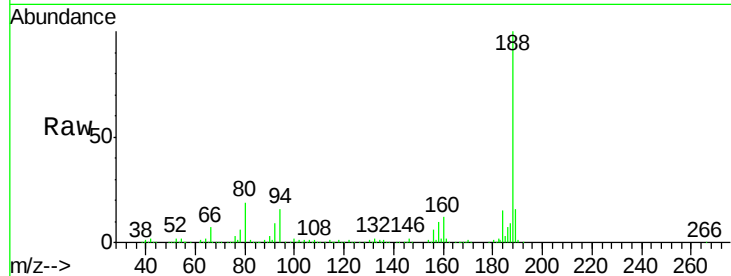
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	617168		
94	16.0		7.7	11.5#
80	18.9		8.6	12.8#

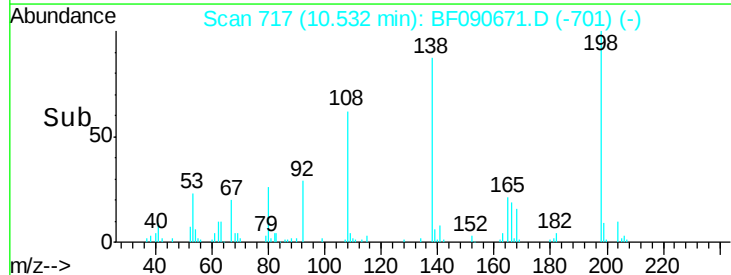
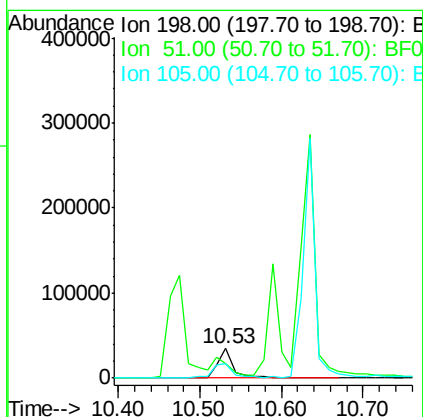
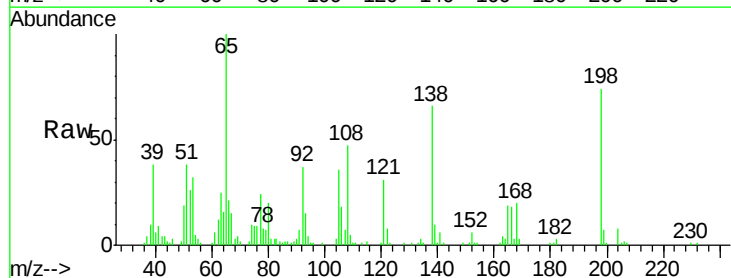
Manual Integrations
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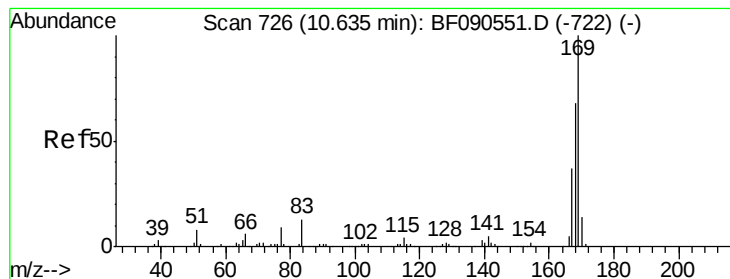
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 12.16 ng
RT: 10.53 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	45410		
51	51.2		19.7	59.7
105	48.7		22.6	62.6





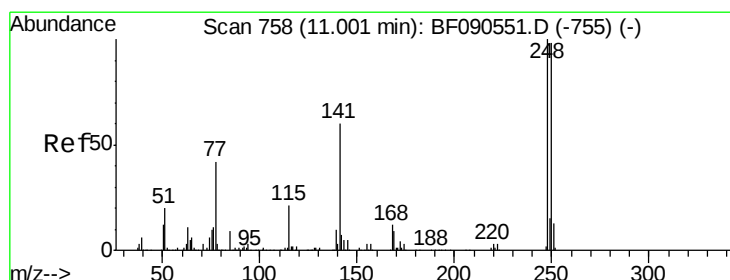
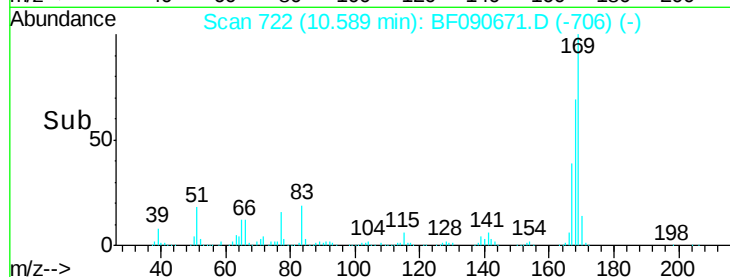
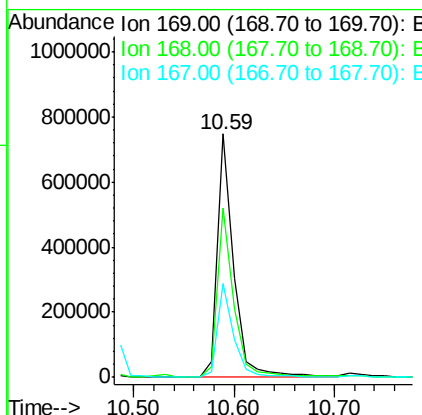
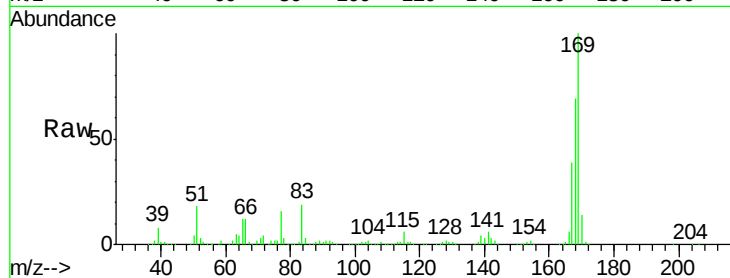
#65
 n-Nitrosodiphenylamine
 Concen: 41.40 ng
 RT: 10.59 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		843991		
168	69.4	54.6		81.8	
167	38.6	29.8		44.8	

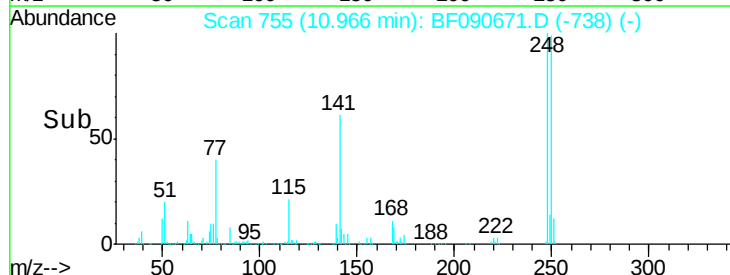
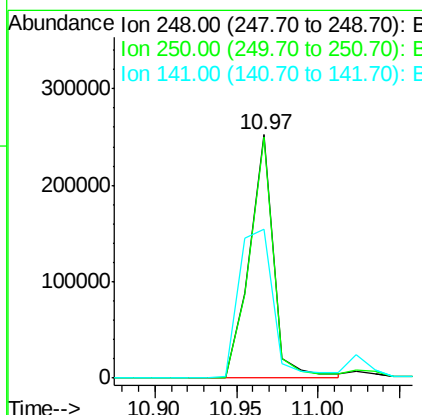
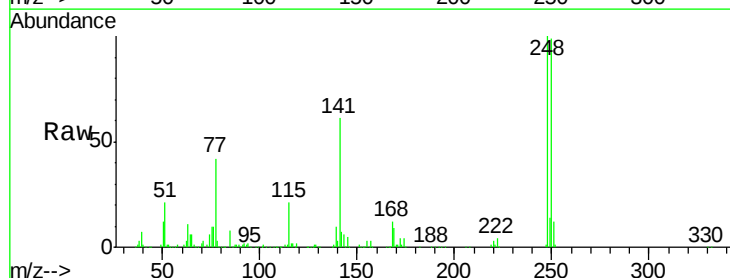
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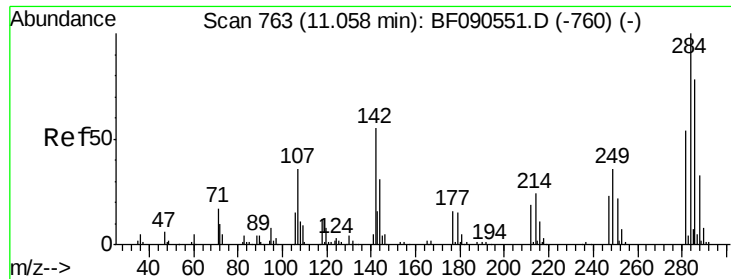
Sohil
 10/20/2016 10:37:05 AM



#66
 4-Bromophenyl-phenylether
 Concen: 39.22 ng
 RT: 10.97 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		259733		
250	99.0	78.4		117.6	
141	61.1	48.4		72.6	





#67

Hexachlorobenzene

Concen: 40.49 ng

RT: 11.03 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

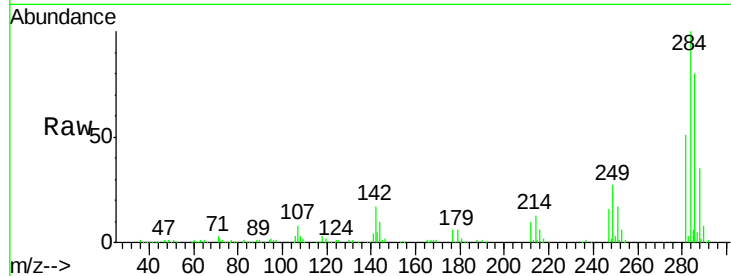
ClientSampleId :

SSTDCCC040

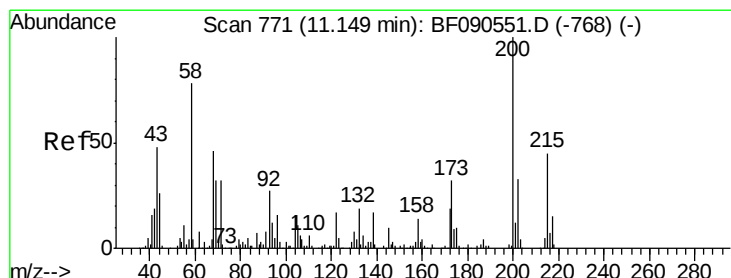
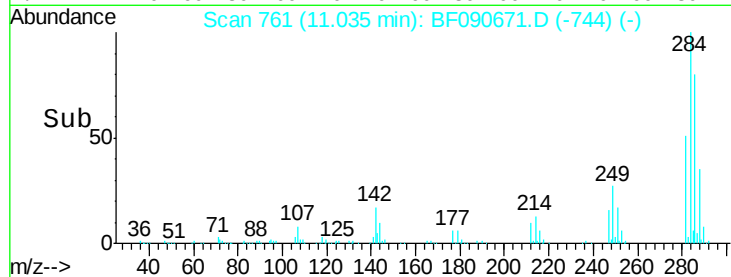
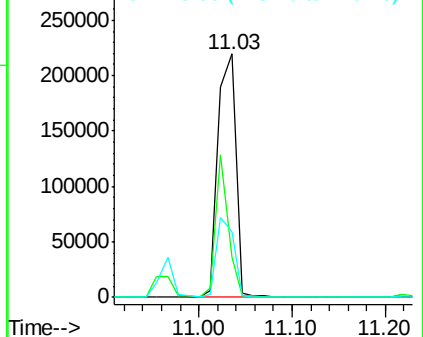
Tot Ion:	284	Resp:	291084
Ion Ratio	Lower	Upper	
284	100		
142	16.7	44.5	66.7#
249	26.8	29.6	44.4#

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



#68

Atrazine

Concen: 37.87 ng

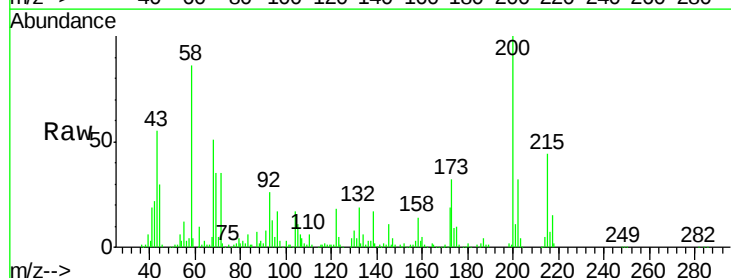
RT: 11.11 min Scan# 768

Delta R.T. -0.01 min

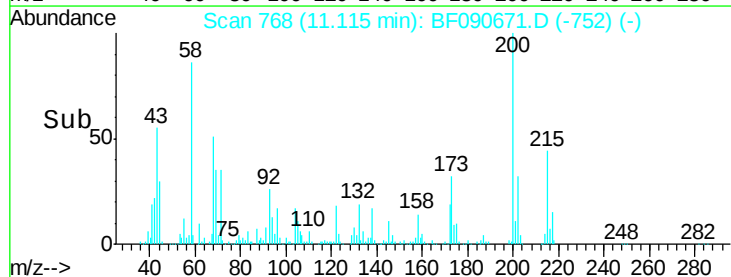
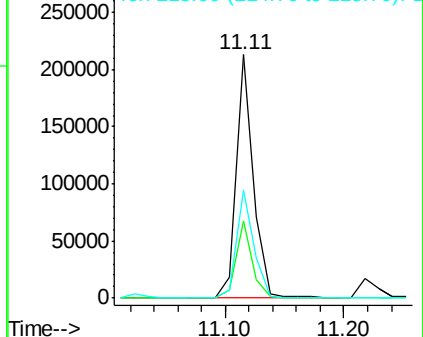
Lab File: BF090671.D

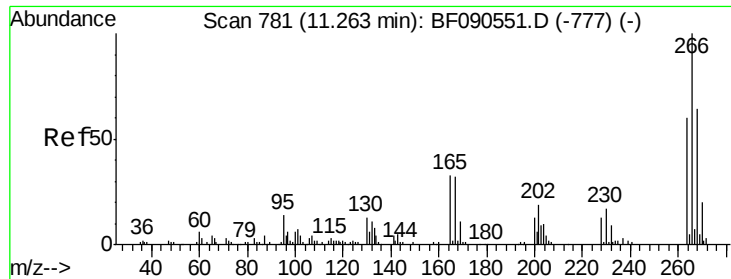
Acq: 20 Oct 2016 2:59

Tgt Ion:	200	Resp:	213508
Ion Ratio	Lower	Upper	
200	100		
173	31.9	12.0	52.0
215	44.2	25.2	65.2



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





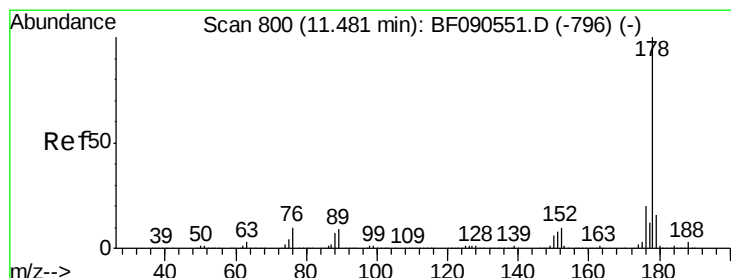
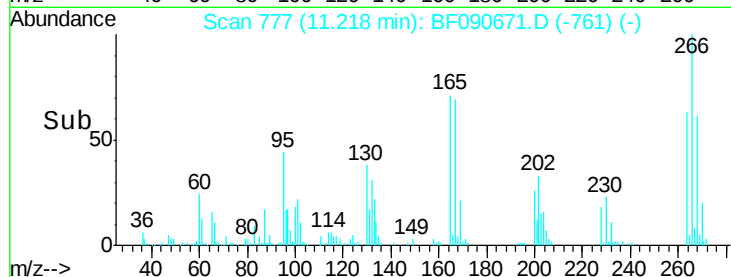
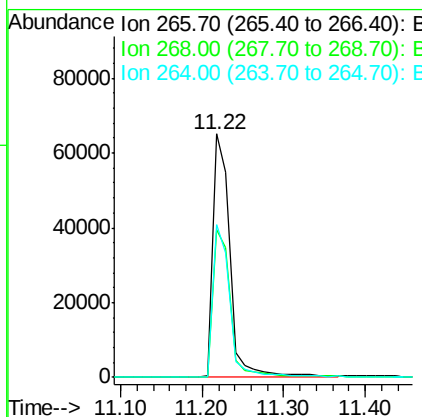
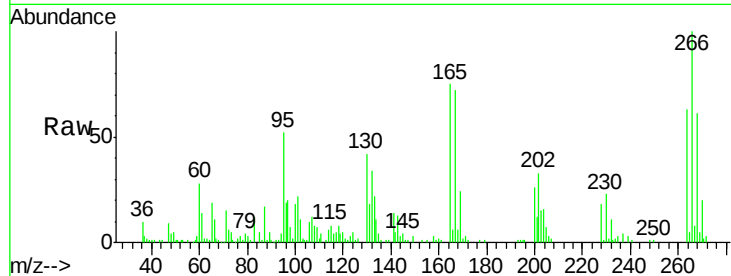
#69
 Pentachlorophenol
 Concen: 26.97 ng
 RT: 11.22 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	96096		
268	60.6	51.5	77.3	
264	62.6	47.9	71.9	

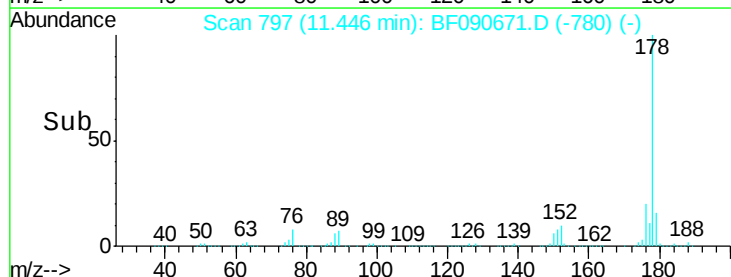
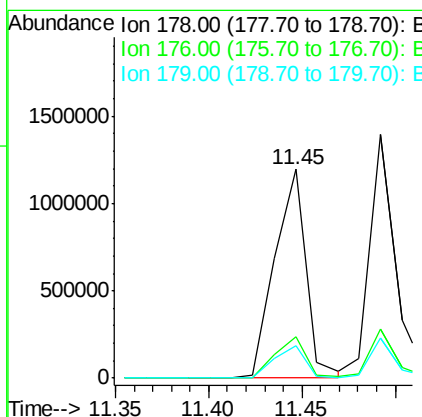
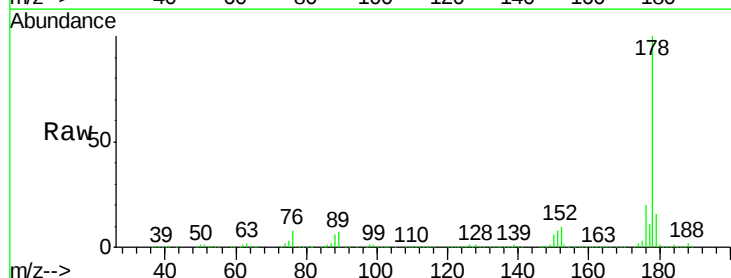
Manual Integrations
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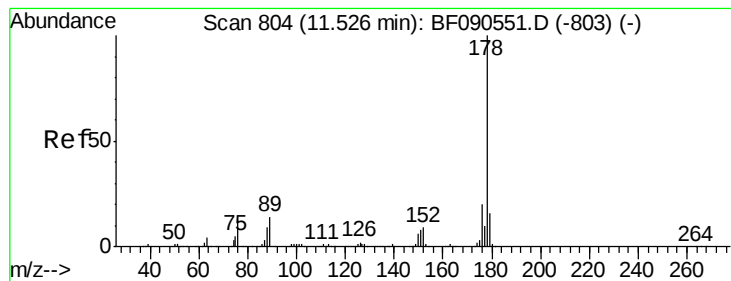
Sohil
 10/20/2016 10:37:05 AM



#70
 Phenanthrene
 Concen: 42.15 ng
 RT: 11.45 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1388797		
176	20.0	16.1	24.1	
179	15.7	12.6	19.0	





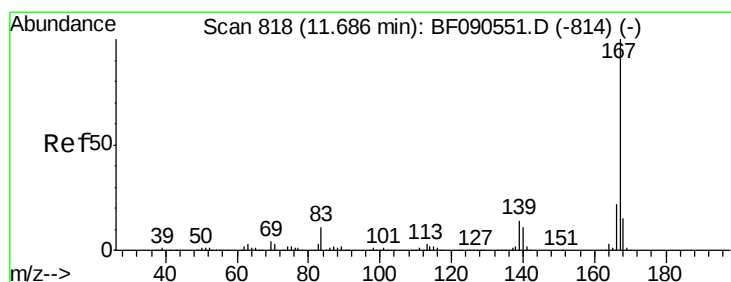
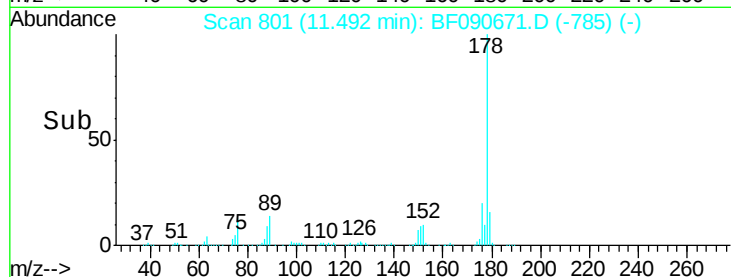
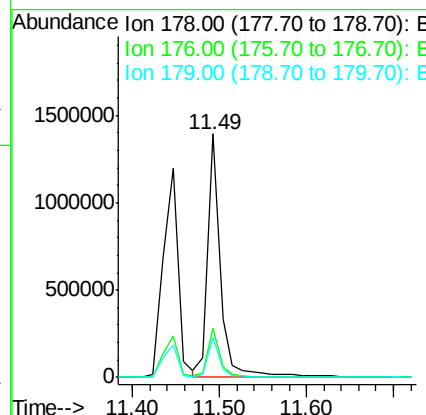
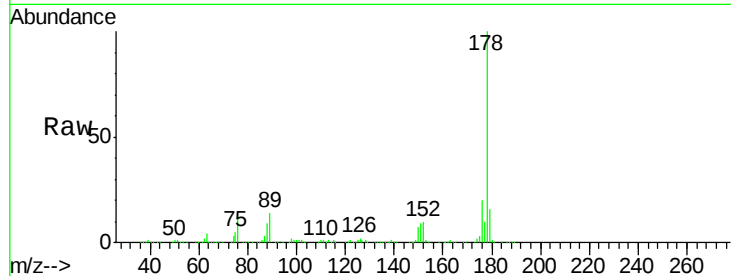
#71
 Anthracene
 Concen: 39.47 ng
 RT: 11.49 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.0	15.5	23.3	
179	16.3	13.0	19.4	

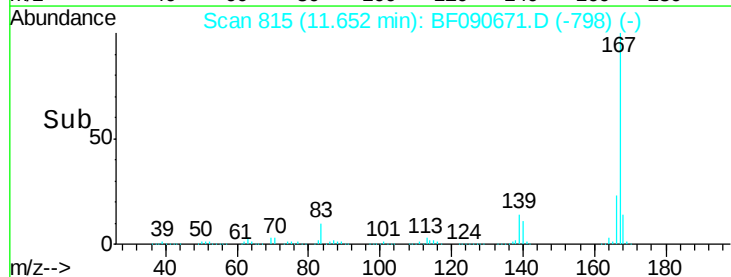
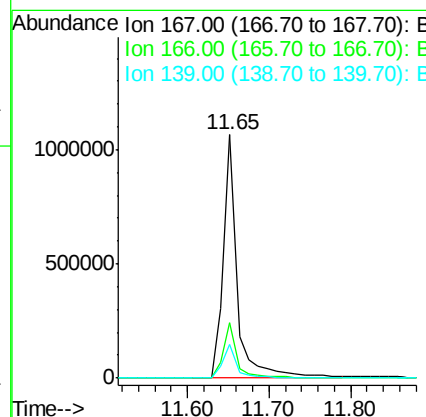
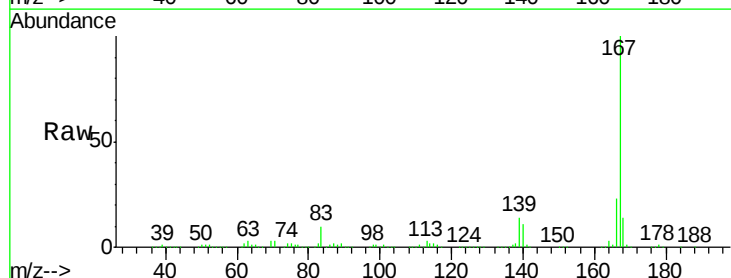
Manual Integrations
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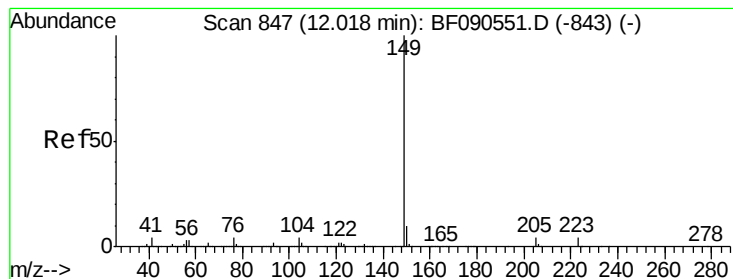
Sohil
 10/20/2016 10:37:05 AM



#72
 Carbazole
 Concen: 40.15 ng
 RT: 11.65 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.6	17.8	26.8	
139	14.0	11.3	16.9	





#73

Di-n-butylphthalate

Concen: 47.21 ng

RT: 11.98 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1755475

Ion Ratio Lower Upper

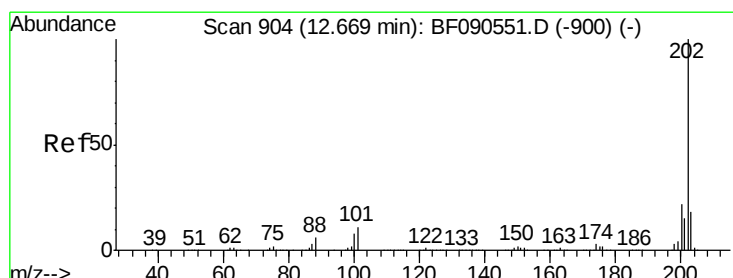
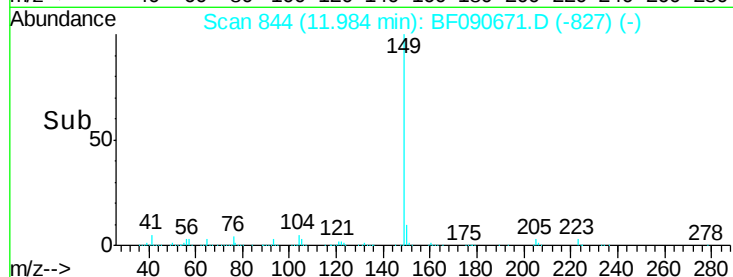
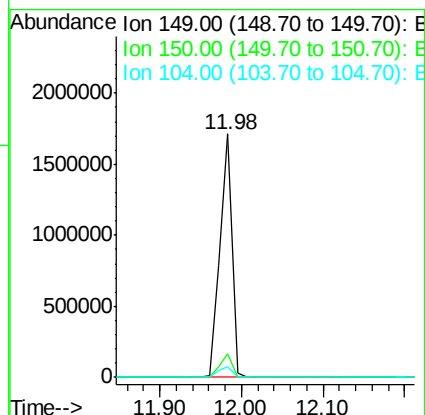
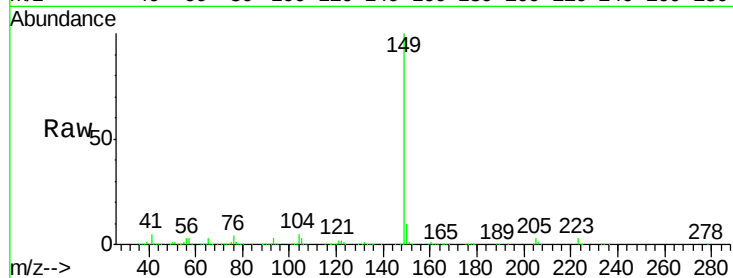
149 100

150 9.6 7.8 11.6

104 4.6 3.3 4.9

Manual Integrations
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#74

Fluoranthene

Concen: 35.95 ng

RT: 12.62 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

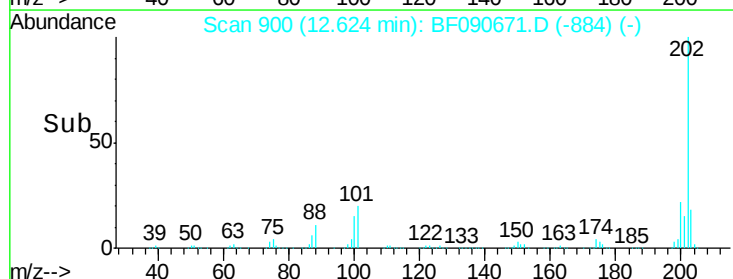
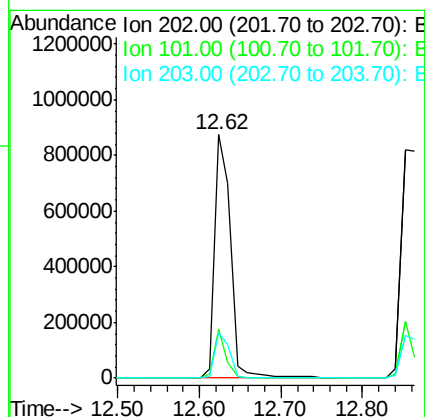
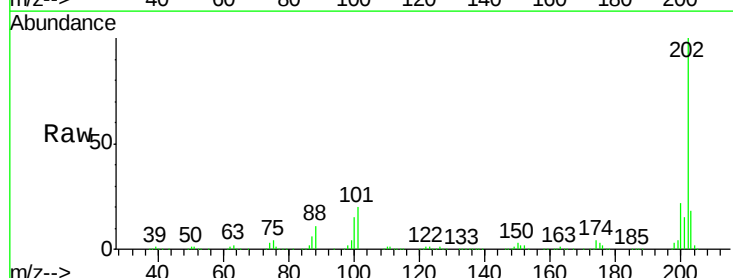
Tgt Ion:202 Resp: 1191260

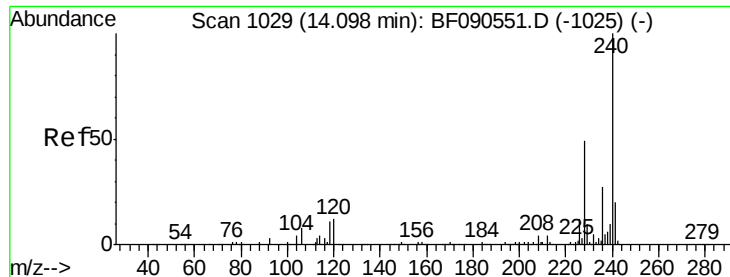
Ion Ratio Lower Upper

202 100

101 20.3 0.0 31.1

203 18.4 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

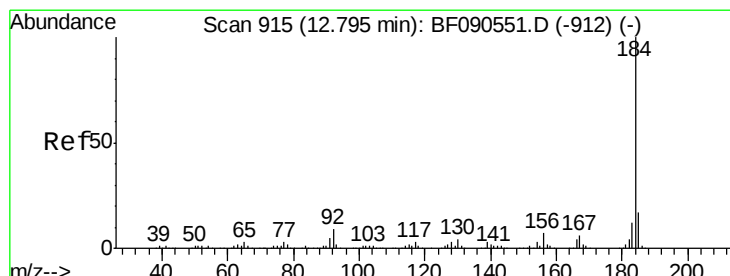
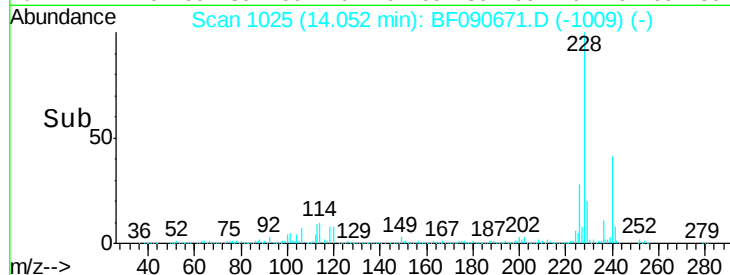
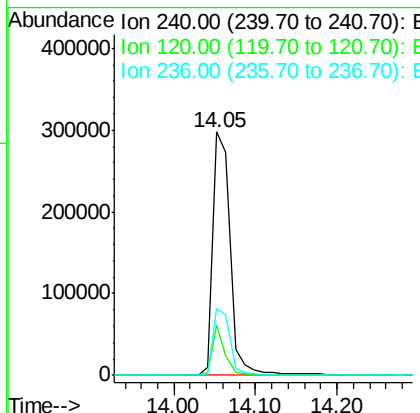
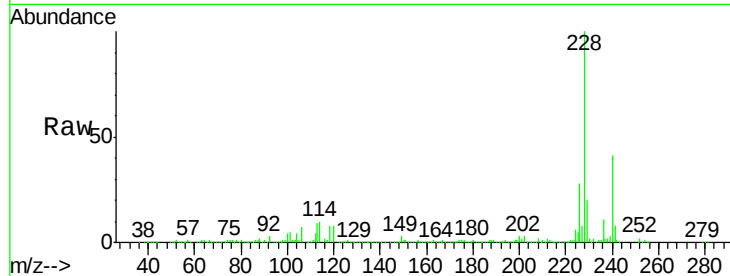
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	20.6	9.8	14.8#
236	27.6	21.7	32.5

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#76

Benzidine

Concen: 26.88 ng

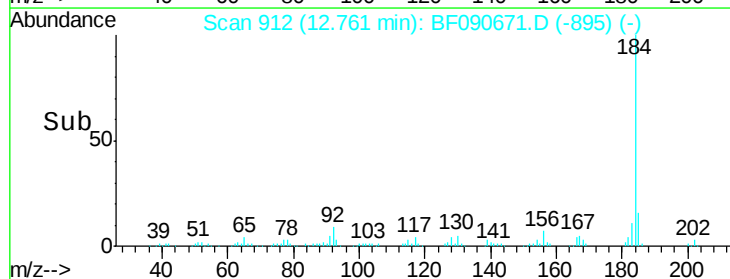
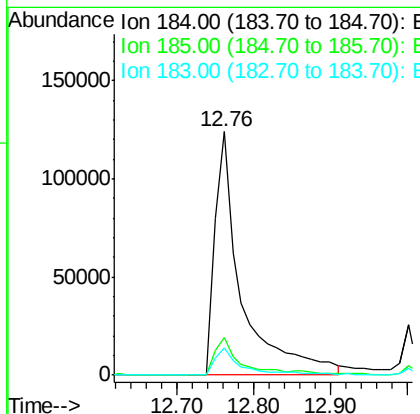
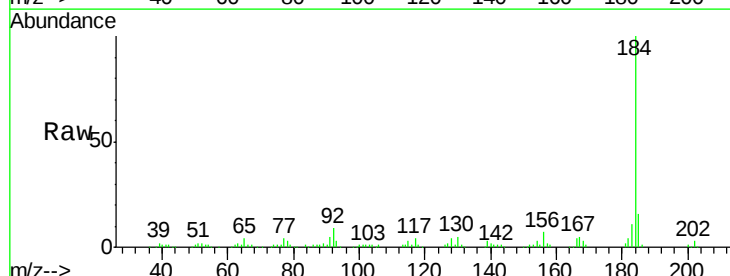
RT: 12.76 min Scan# 912

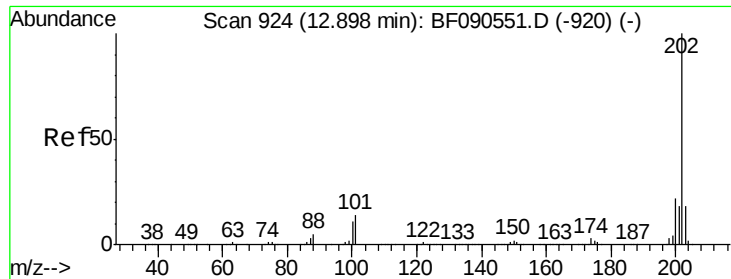
Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.4	20.0
183	11.2	9.4	14.0





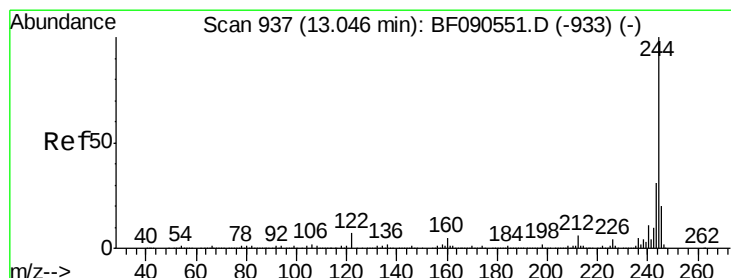
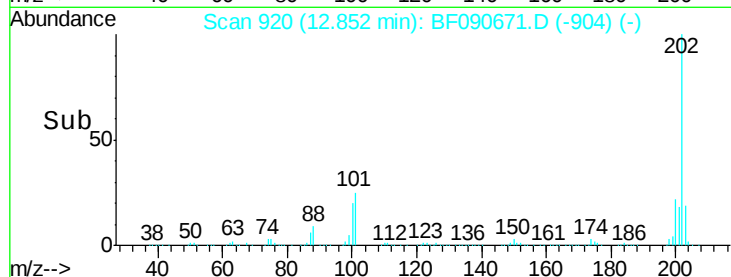
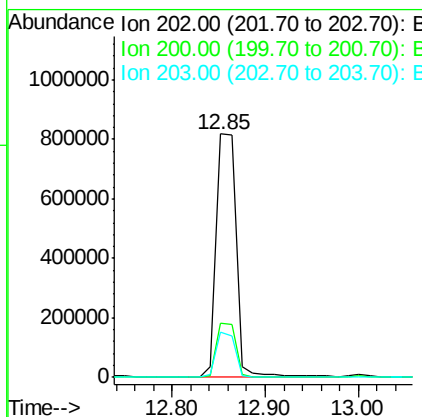
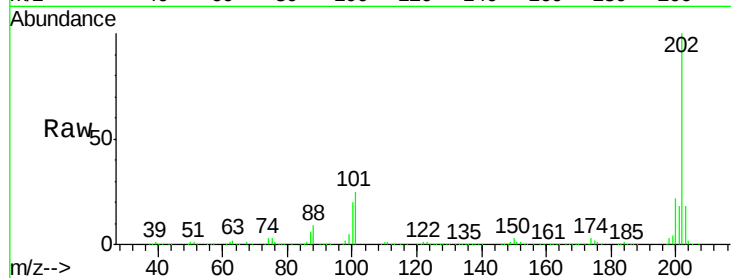
#77
Pvrene
Concen: 40.58 ng
RT: 12.85 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.6
203	18.5	14.6	21.8

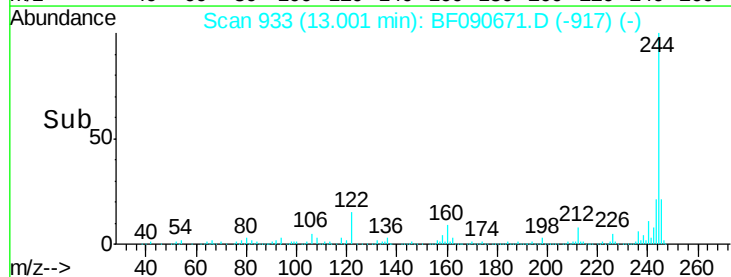
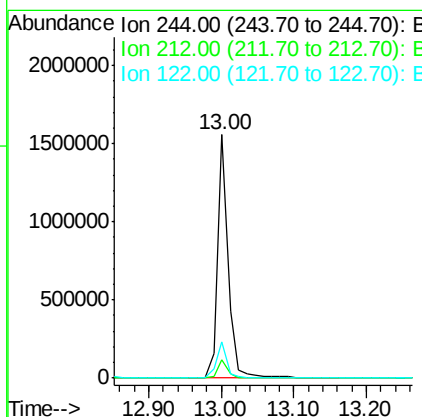
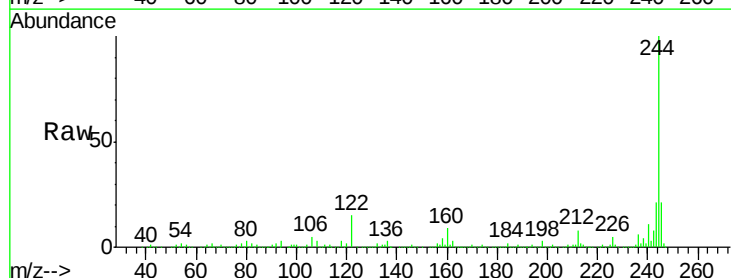
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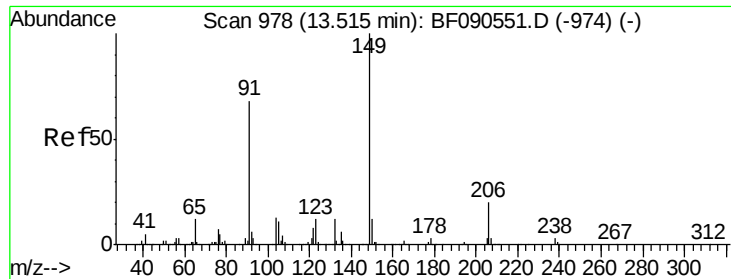
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#78
Terphenyl-d14
Concen: 82.28 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.0	7.4#
122	15.0	5.6	8.4#





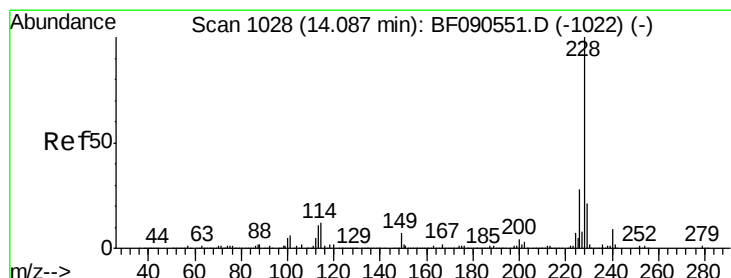
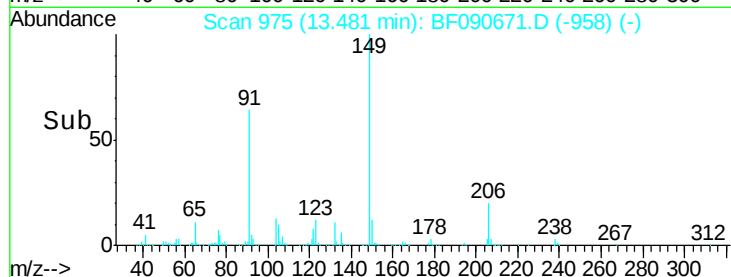
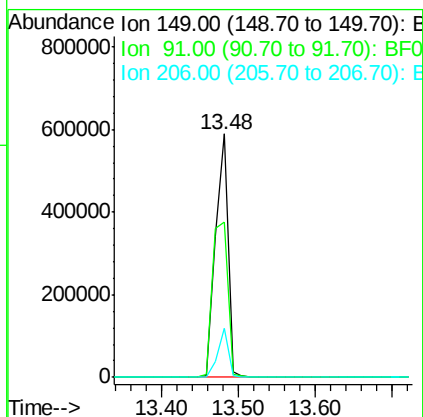
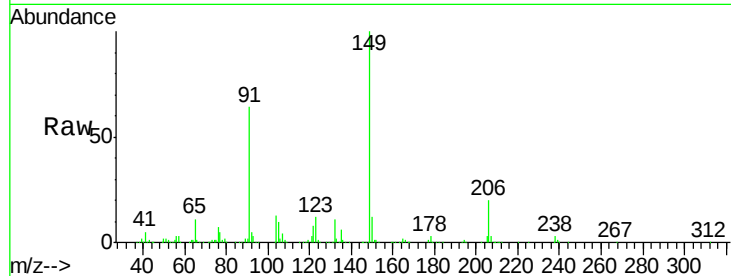
#79
Butylbenzylphthalate
Concen: 50.51 ng
RT: 13.48 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	661461		
91	63.6	54.3	81.5	
206	20.0	15.8	23.6	

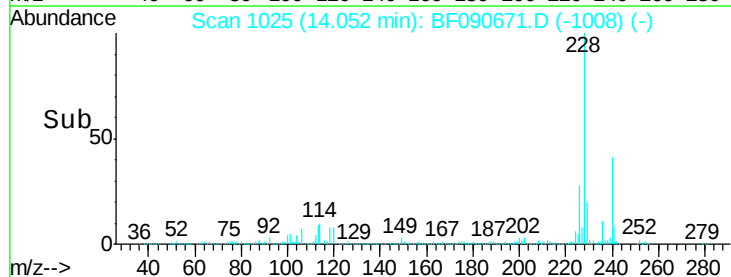
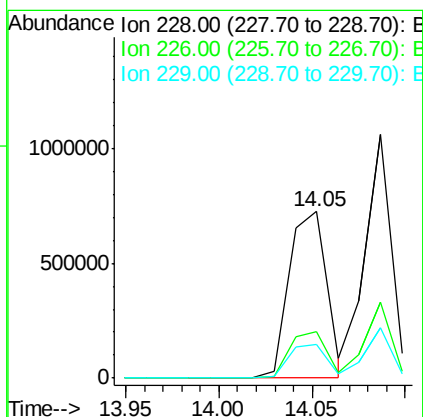
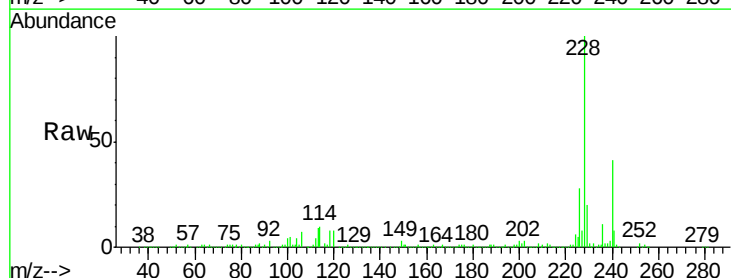
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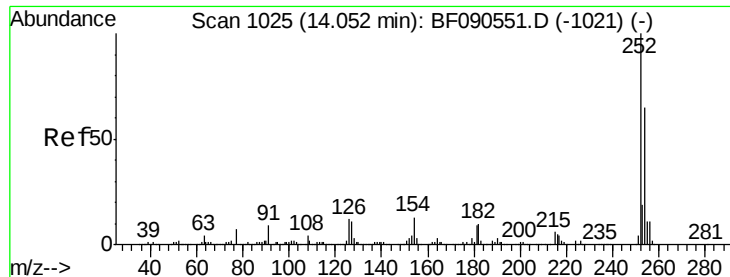
Sohil
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#80
Benzo(a)anthracene
Concen: 40.40 ng
RT: 14.05 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1026400		
226	28.2	22.8	34.2	
229	20.0	16.6	25.0	





#81

3,3'-Dichlorobenzidine

Concen: 37.18 ng

RT: 14.01 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

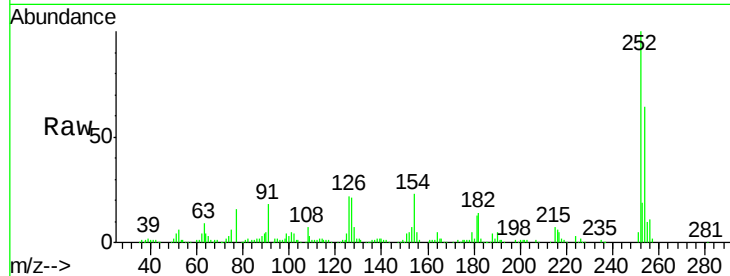
ClientSampleId :

SSTDCCC040

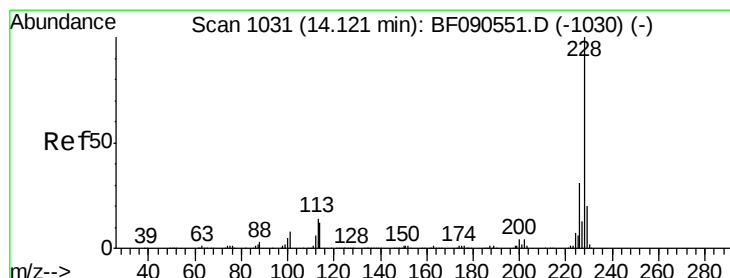
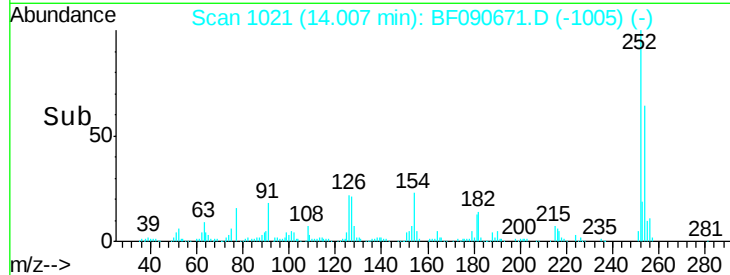
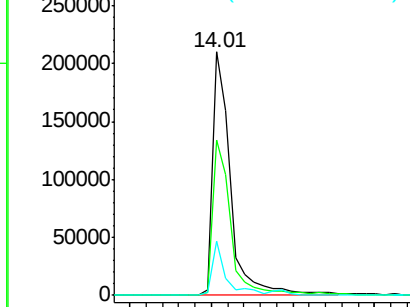
Tot Ion:	252	Resp:	322732
Ion Ratio		Lower	Upper
252	100		
254	63.8	52.1	78.1
126	22.0	9.3	13.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 45.34 ng

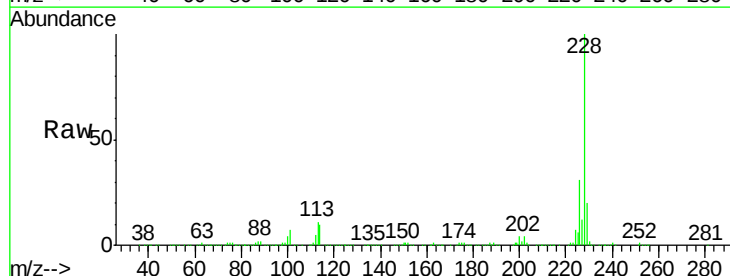
RT: 14.09 min Scan# 1028

Delta R.T. -0.01 min

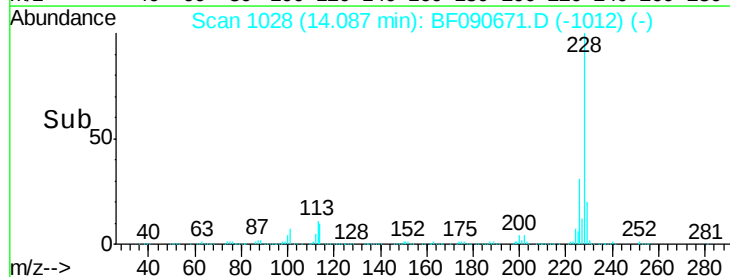
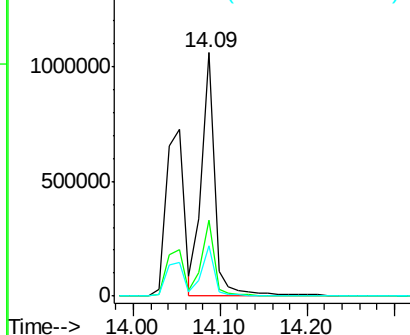
Lab File: BF090671.D

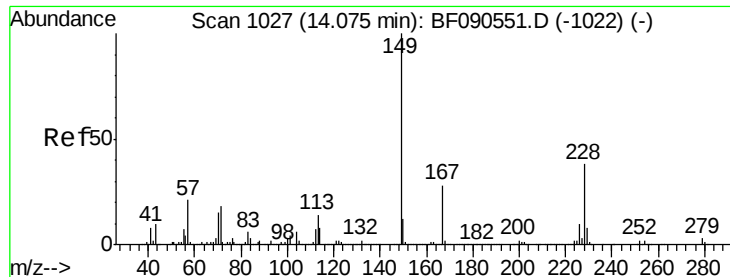
Acq: 20 Oct 2016 2:59

Tgt Ion:	228	Resp:	1109837
Ion Ratio		Lower	Upper
228	100		
226	31.3	24.8	37.2
229	20.4	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.75 ng

RT: 14.04 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Instrument :

BNA_F

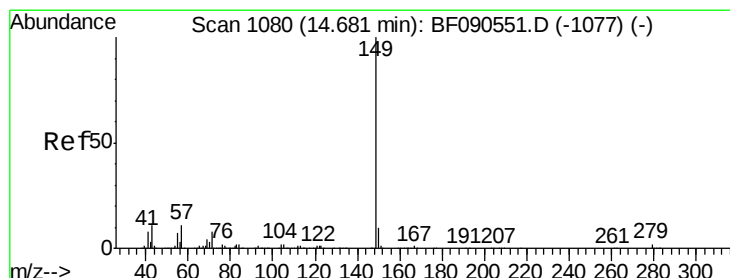
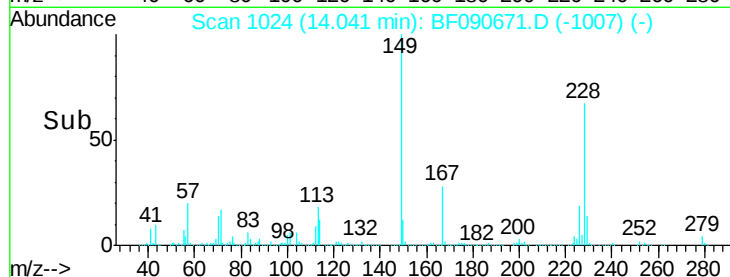
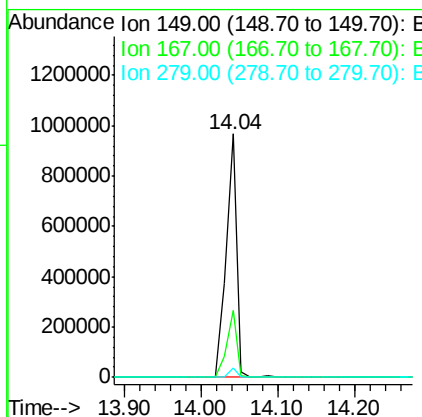
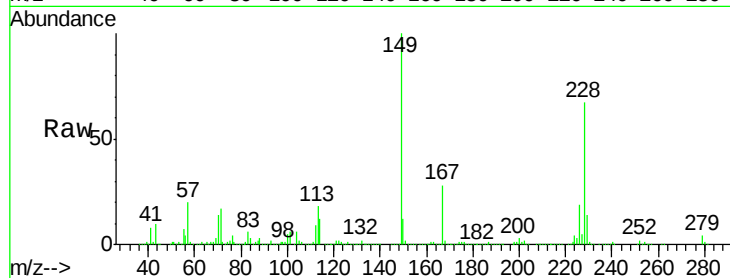
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	949557
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.1	33.1
279	3.6	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 55.29 ng

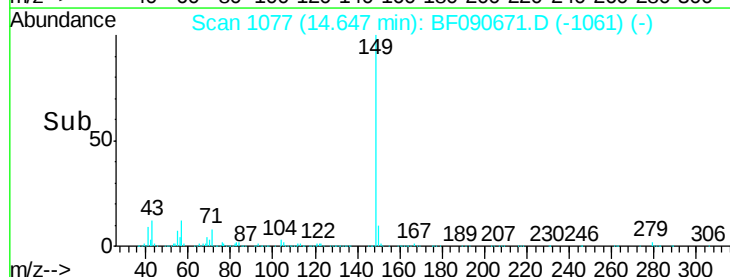
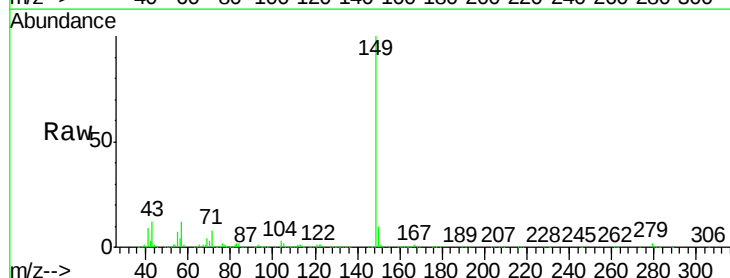
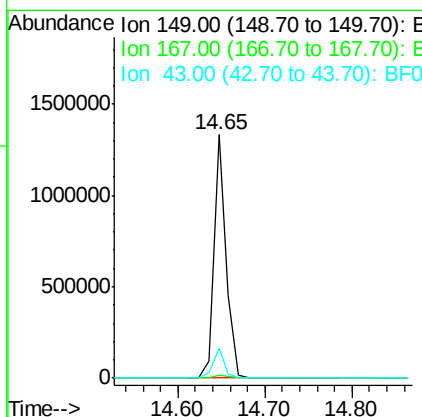
RT: 14.65 min Scan# 1077

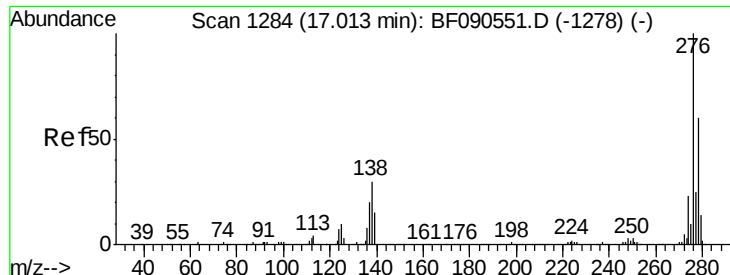
Delta R.T. -0.01 min

Lab File: BF090671.D

Acq: 20 Oct 2016 2:59

Tgt Ion:	149	Resp:	1309715
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.6	6.7	10.1#





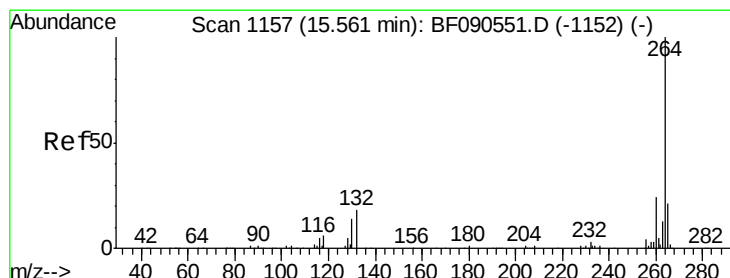
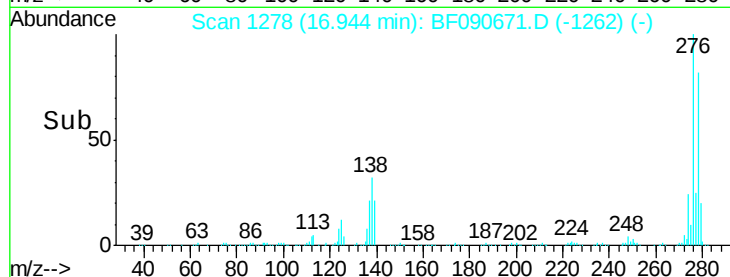
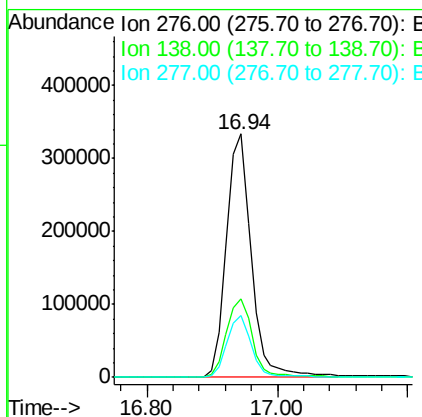
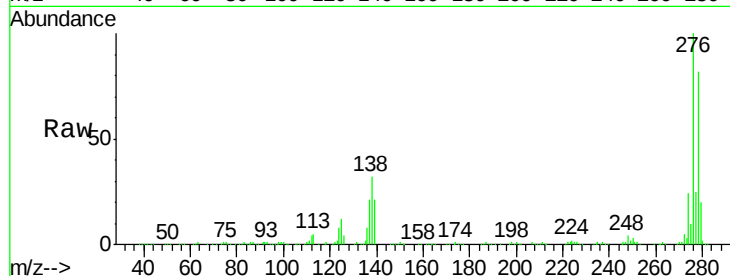
#85
Indeno(1,2,3-cd)pyrene
Concen: 62.55 ng
RT: 16.94 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.1	25.8	38.6
277	25.2	20.1	30.1

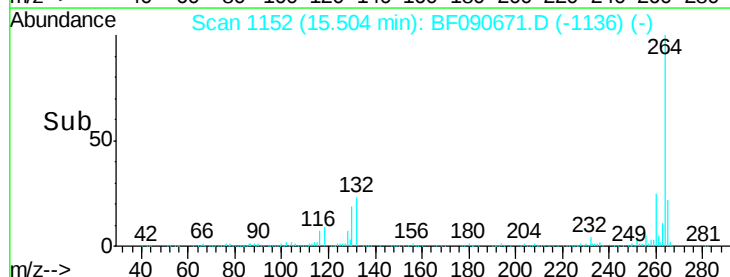
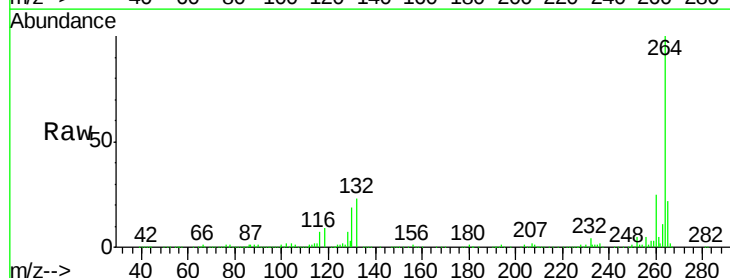
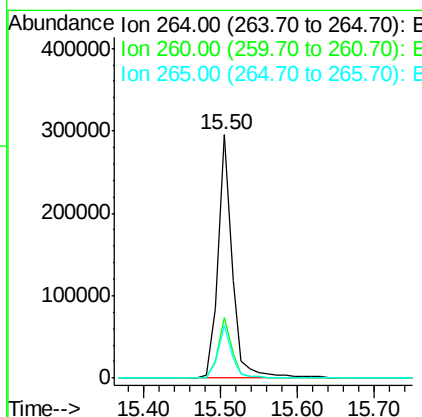
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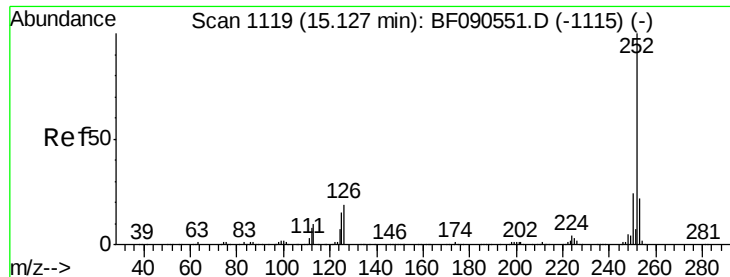
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	22.0	16.7	25.1





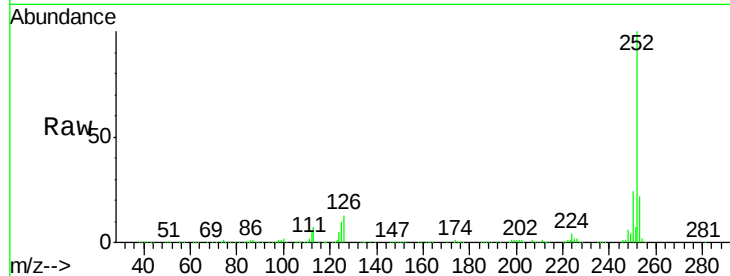
#87
Benzo(b)fluoranthene
Concen: 40.64 ng
RT: 15.09 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

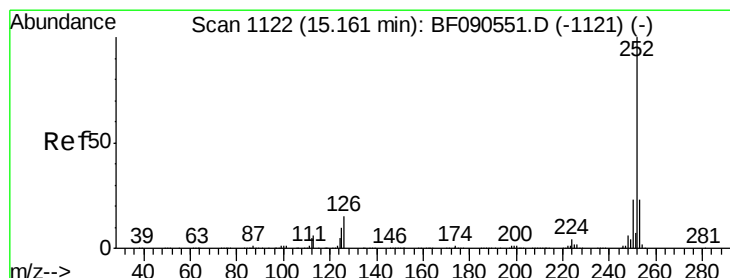
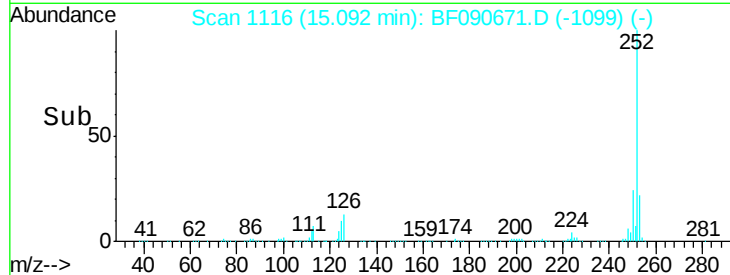
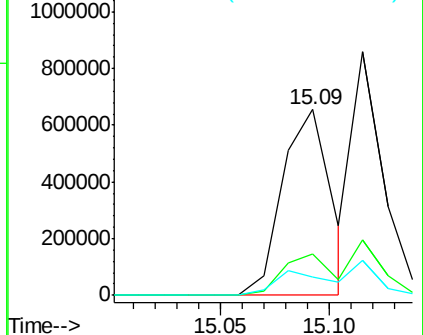
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.9	12.0	18.0

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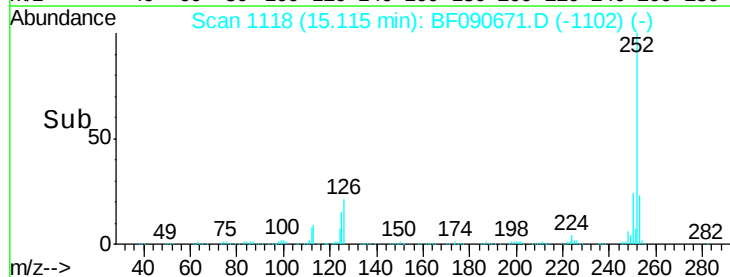
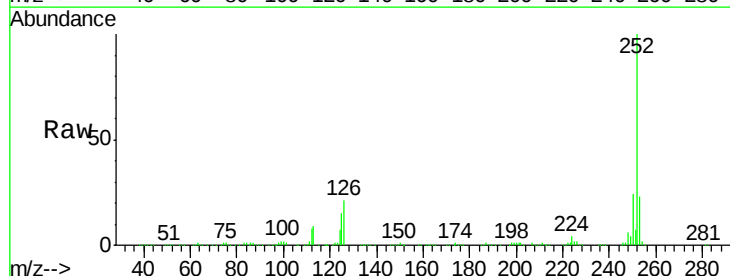
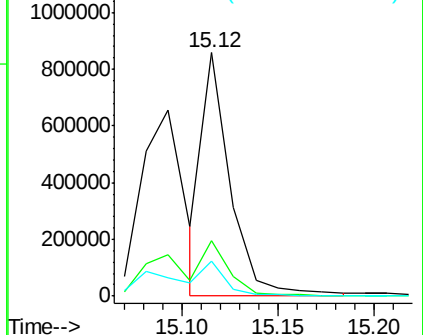
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

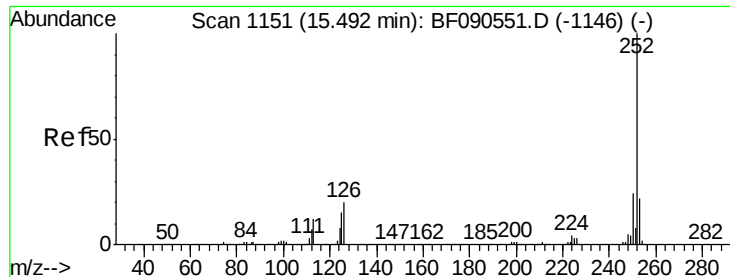


#88
Benzo(k)fluoranthene
Concen: 33.08 ng m
RT: 15.12 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	14.6	10.0	15.0

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





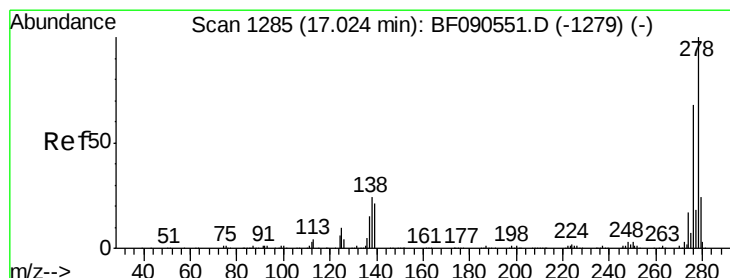
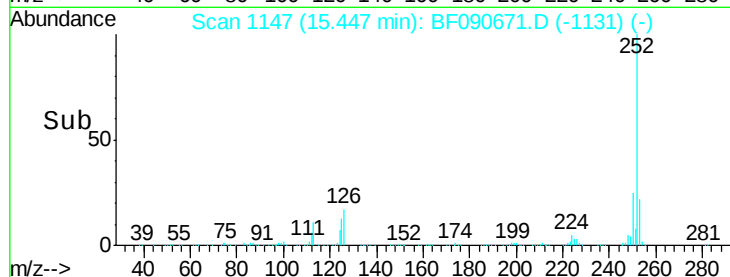
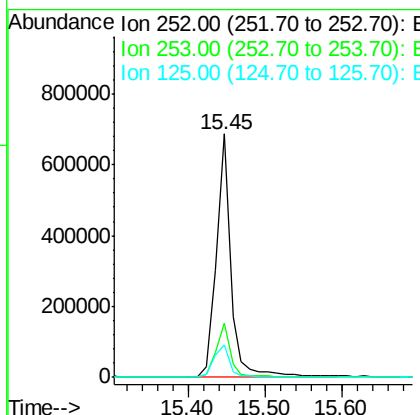
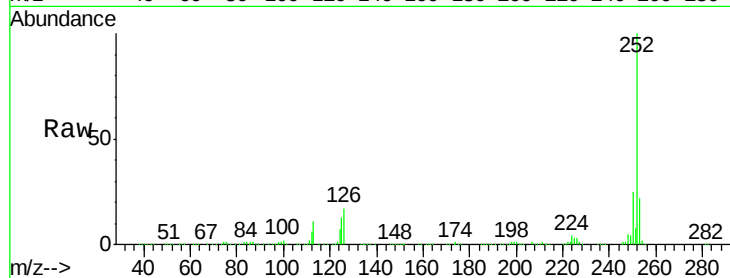
#89
Benzo(a)pyrene
Concen: 39.24 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.5	12.3	18.5

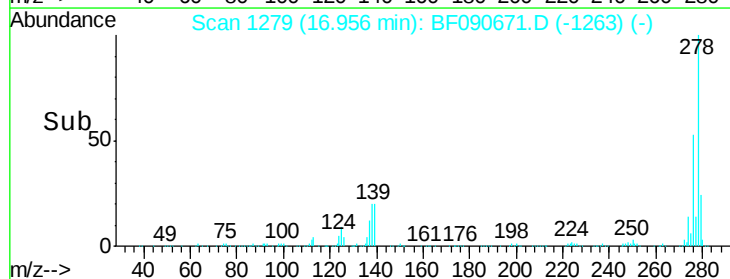
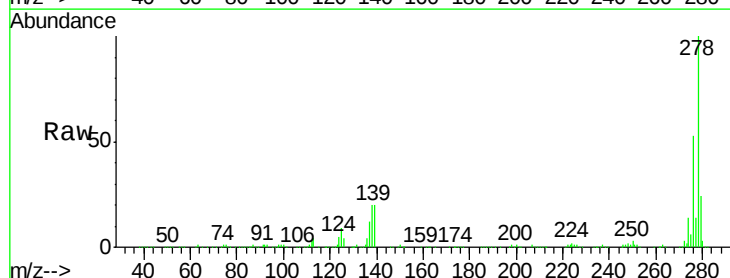
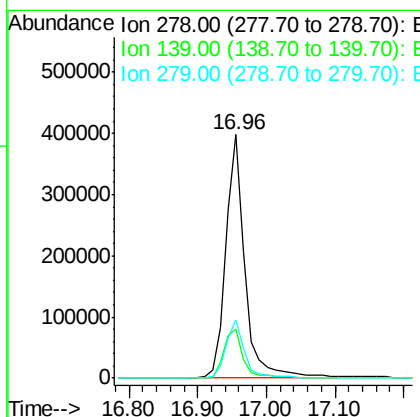
Manual Integrations
APPROVED

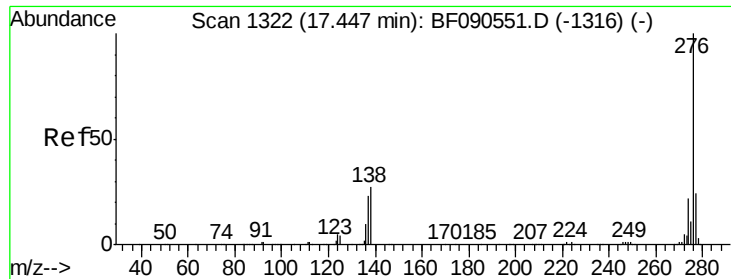
Sohil
10/20/2016 10:37:05 AM



#90
Dibenzo(a,h)anthracene
Concen: 44.82 ng
RT: 16.96 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF090671.D
Acq: 20 Oct 2016 2:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.6	25.0
279	24.1	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 40.49 ng
 RT: 17.37 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF090671.D
 Acq: 20 Oct 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	676173
Ion Ratio		Lower	Upper
276	100		
277	24.4	18.8	28.2
138	30.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/20/2016 10:37:05 AM

