

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090718.D
 Acq On : 21 Oct 2016 18:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 10/24/2016 3:52:18 PM

Quant Time: Oct 24 10:50:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	243560	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1035403	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	520244	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	778585	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	592236	20.00	ng	0.00
86) Perylene-d12	15.46	264	448953	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1201909	79.58	ng	0.00
7) Phenol-d6	6.50	99	1603735	78.40	ng	0.00
23) Nitrobenzene-d5	7.42	82	1479648	78.38	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	431701	104.84	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2502471	74.67	ng	-0.01
78) Terphenyl-d14	12.97	244	2093127	81.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	321938	36.84	ng	# 79
3) Pyridine	3.23	79	796261	38.89	ng	# 76
4) n-Nitrosodimethylamine	3.19	42	291011	41.54	ng	# 80
6) Aniline	6.52	93	980515	42.28	ng	# 76
8) 2-Chlorophenol	6.65	128	756316	41.72	ng	# 95
9) Benzaldehyde	6.41	77	445482	39.83	ng	# 76
10) Phenol	6.51	94	911264	39.63	ng	# 53
11) bis(2-Chloroethyl)ether	6.60	93	798844	41.35	ng	# 90
12) 1,3-Dichlorobenzene	6.79	146	712064	39.10	ng	# 89
13) 1,4-Dichlorobenzene	6.87	146	783304	40.55	ng	# 91
14) 1,2-Dichlorobenzene	7.03	146	713485	37.73	ng	# 97
15) Benzyl Alcohol	7.00	79	565599	40.71	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1069282	36.95	ng	# 75
17) 2-Methylphenol	7.11	107	567375	41.54	ng	# 82
18) Hexachloroethane	7.37	117	293557	37.44	ng	# 94
19) n-Nitroso-di-n-propylamine	7.27	70	529387	34.75	ng	# 72
20) 3+4-Methylphenols	7.27	107	665324	41.09	ng	# 63
22) Acetophenone	7.27	105	928490	40.24	ng	# 81
24) Nitrobenzene	7.45	77	870261	42.52	ng	# 70
25) Isophorone	7.69	82	1392190	38.96	ng	# 88
26) 2-Nitrophenol	7.75	139	353332	42.26	ng	# 39
27) 2,4-Dimethylphenol	7.80	122	588568	39.70	ng	# 80
28) bis(2-Chloroethoxy)methane	7.89	93	786480	40.23	ng	# 93
29) 2,4-Dichlorophenol	8.01	162	539475	44.34	ng	# 96
30) 1,2,4-Trichlorobenzene	8.09	180	601308	42.00	ng	# 97
31) Naphthalene	8.17	128	1947421	38.45	ng	# 96
32) Benzoic acid	7.95	122	414294	40.96	ng	# 69
33) 4-Chloroaniline	8.22	127	795884	42.37	ng	# 95
34) Hexachlorobutadiene	8.28	225	324844	40.35	ng	# 98
35) Caprolactam	8.60	113	160007	46.05	ng	# 83
36) 4-Chloro-3-methylphenol	8.70	107	587190	41.49	ng	# 85
37) 2-Methylnaphthalene	8.85	142	1253840	42.36	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	578564	41.19	ng	# 99
40) Hexachlorocyclopentadiene	9.01	237	274444	41.61	ng	# 97

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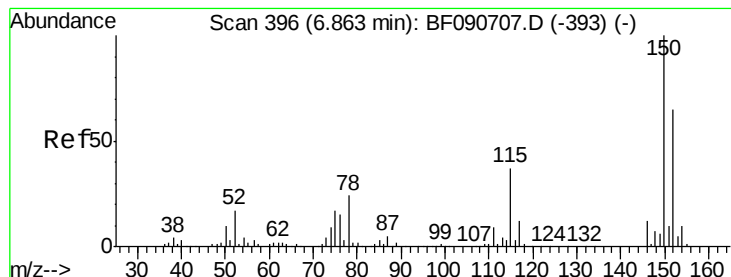
Manual Integrations
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 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	388608	44.61	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	353657	40.00	nq	95
45) 1,1'-Biphenyl	9.32	154	1509460	36.95	nq	91
46) 2-Chloronaphthalene	9.34	162	1132589	37.30	nq	# 88
47) 2-Nitroaniline	9.45	65	432431	42.90	nq	# 79
48) Acenaphthylene	9.77	152	1865671	40.26	nq	95
49) Dimethylphthalate	9.63	163	1390479	42.53	nq	# 98
50) 2,6-Dinitrotoluene	9.69	165	289040	41.12	nq	# 69
51) Acenaphthene	9.94	154	1209064	39.31	nq	89
52) 3-Nitroaniline	9.86	138	322232	39.88	nq	# 73
53) 2,4-Dinitrophenol	9.96	184	117571m	39.76	nq	
54) Dibenzofuran	10.11	168	1510090	40.53	nq	92
55) 4-Nitrophenol	10.02	139	192321	41.80	nq	# 54
56) 2,4-Dinitrotoluene	10.09	165	352473	41.02	nq	# 77
57) Fluorene	10.45	166	1249638	40.47	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.22	232	331477	47.78	nq	98
59) Diethylphthalate	10.33	149	1341148	39.55	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	619059	43.87	nq	93
61) 4-Nitroaniline	10.47	138	341937	41.78	nq	# 59
62) Azobenzene	10.60	77	1436809	36.19	nq	87
64) 4,6-Dinitro-2-methylphenol	10.50	198	206273	42.07	nq	89
65) n-Nitrosodiphenylamine	10.57	169	1049239	42.06	nq	91
66) 4-Bromophenyl-phenylether	10.93	248	353041	46.77	nq	94
67) Hexachlorobenzene	11.00	284	403787	45.33	nq	# 79
68) Atrazine	11.09	200	329289	47.83	nq	85
69) Pentachlorophenol	11.18	266	195000	42.55	nq	98
70) Phenanthrene	11.41	178	1746867	44.02	nq	96
71) Anthracene	11.46	178	1726475	39.23	nq	95
72) Carbazole	11.62	167	1641643	44.61	nq	94
73) Di-n-butylphthalate	11.95	149	2108135	44.17	nq	# 97
74) Fluoranthene	12.59	202	1617775	42.14	nq	98
76) Benzidine	12.71	184	601508	45.74	nq	# 94
77) Pyrene	12.82	202	1674117	40.47	nq	95
79) Butylbenzylphthalate	13.45	149	758199	39.88	nq	# 92
80) Benzo(a)anthracene	14.01	228	1295593	39.98	nq	96
81) 3,3'-Dichlorobenzidine	13.97	252	516924	46.03	nq	# 96
82) Chrysene	14.05	228	1463519	46.27	nq	94
83) Bis(2-ethylhexyl)phthalate	14.01	149	989146	36.36	nq	98
84) Di-n-octyl phthalate	14.61	149	1464766	35.48	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.86	276	997025	36.13	nq	# 89
87) Benzo(b)fluoranthene	15.05	252	1143952	41.44	nq	# 87
88) Benzo(k)fluoranthene	15.07	252	1094209m	39.44	nq	
89) Benzo(a)pyrene	15.40	252	1021267	39.43	nq	# 85
90) Dibenzo(a,h)anthracene	16.88	278	871843	35.06	nq	# 83
91) Benzo(g,h,i)perylene	17.29	276	830314	34.42	nq	# 76

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



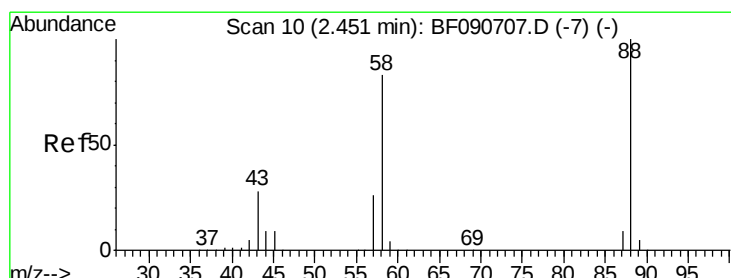
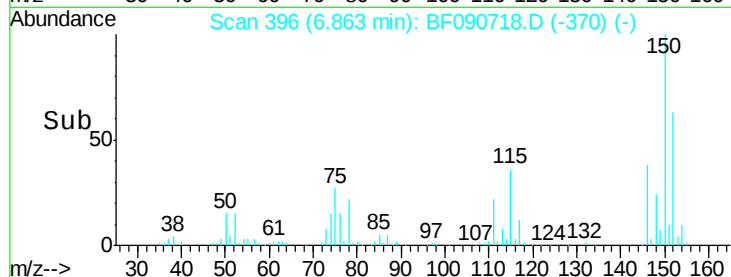
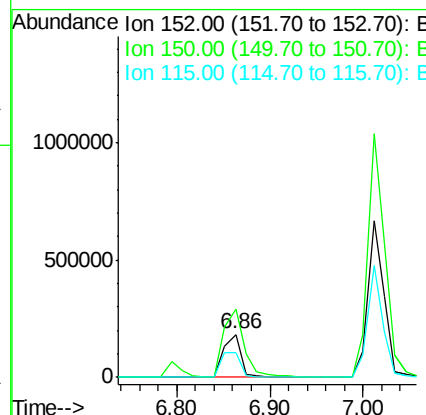
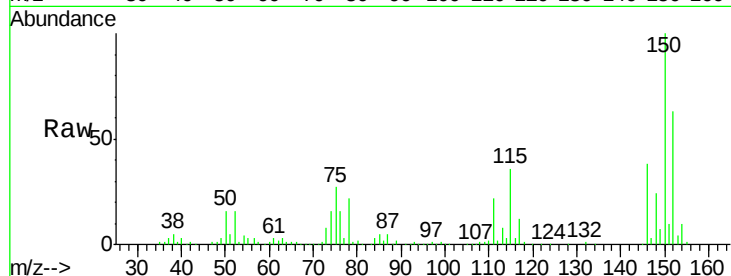
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.7	187.1
115	56.5	39.0	58.4

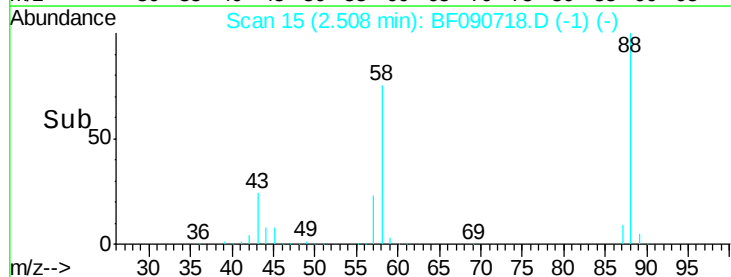
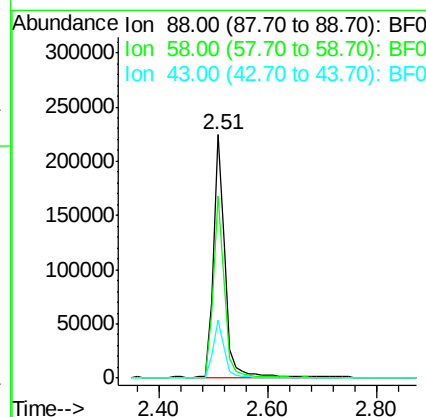
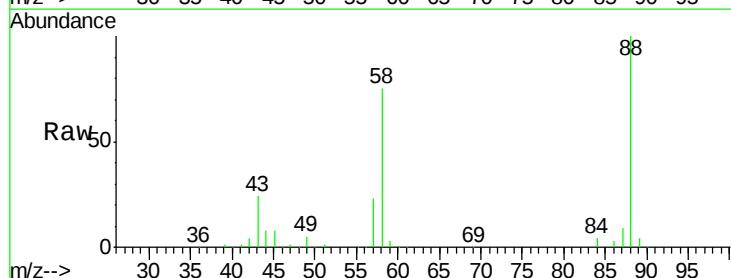
Manual Integrations
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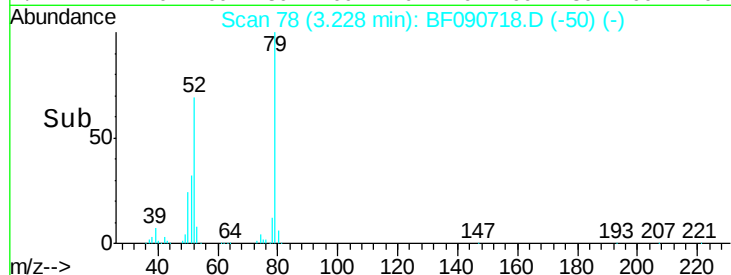
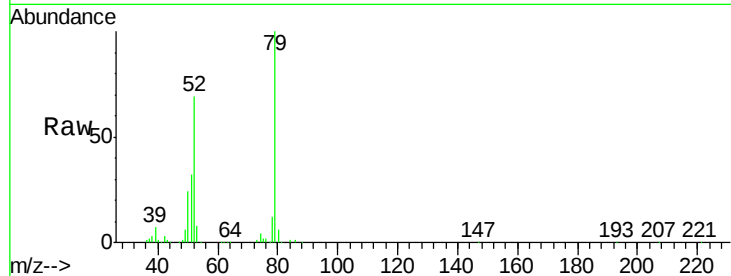
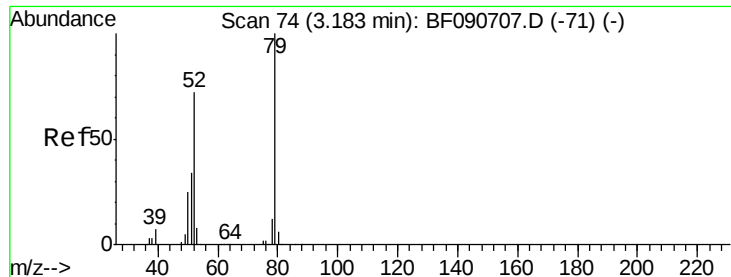
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#2
 1,4-Dioxane
 Concen: 36.84 ng
 RT: 2.51 min Scan# 15
 Delta R.T. 0.02 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	77.7	116.5#
43	24.5	26.6	40.0#





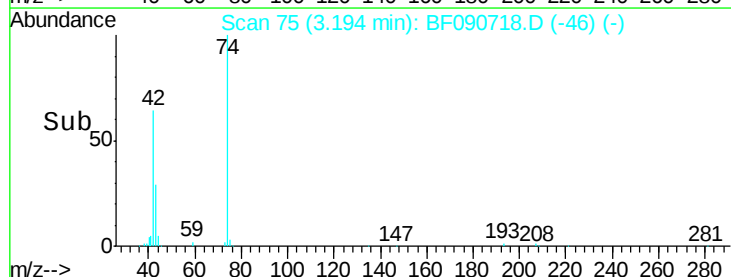
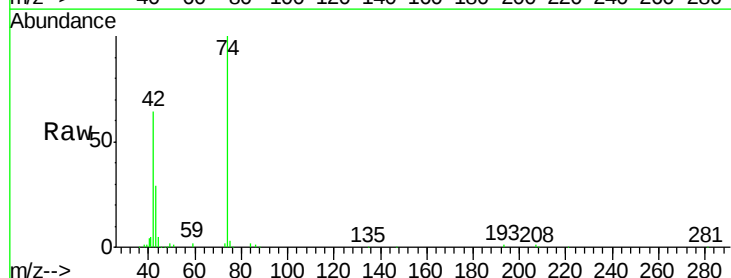
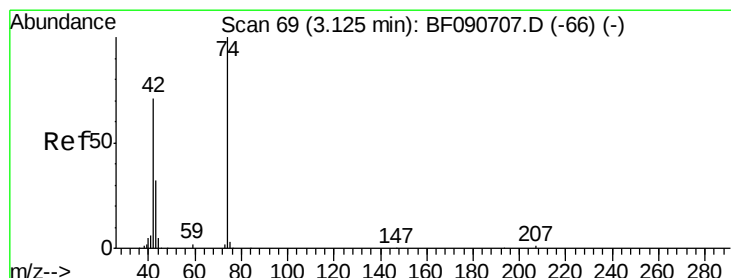
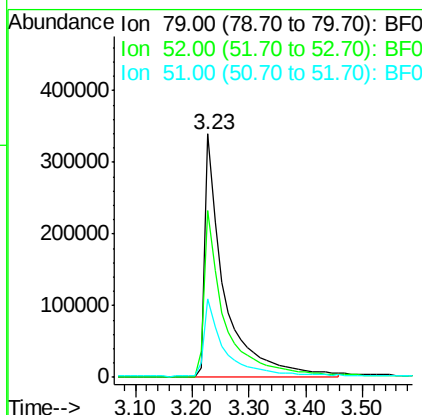
#3
Pvridine
Concen: 38.89 ng
RT: 3.23 min Scan# 78
Delta R.T. 0.02 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.6	76.8	115.2#
51	32.4	32.2	48.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

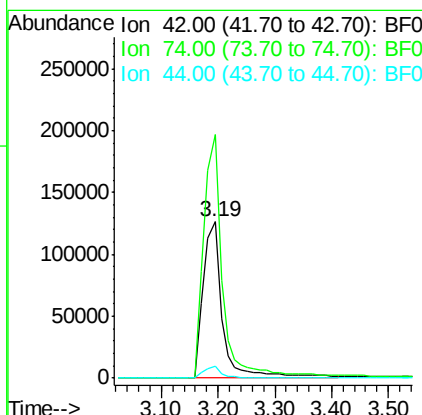
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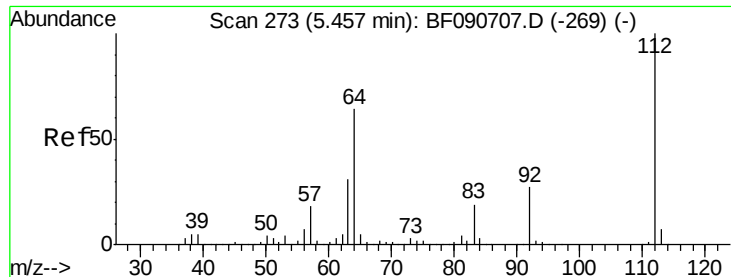
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#4
n-Nitrosodimethylamine
Concen: 41.54 ng
RT: 3.19 min Scan# 75
Delta R.T. 0.03 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.0	105.0	157.6
44	7.3	6.6	10.0





#5

2-Fluorophenol

Concen: 79.58 ng

RT: 5.46 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 1201909

Ion Ratio Lower Upper

112 100

64 68.9 39.7 59.5#

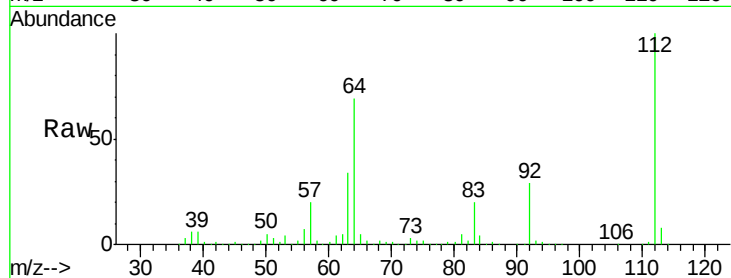
63 34.2 17.4 26.0#

Manual Integrations

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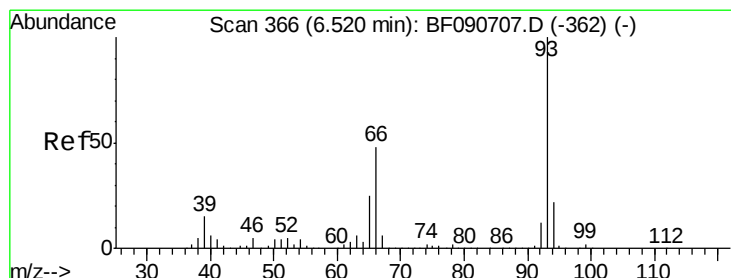
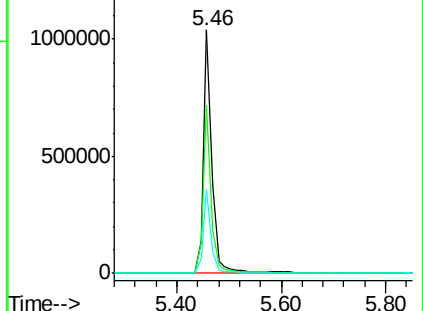
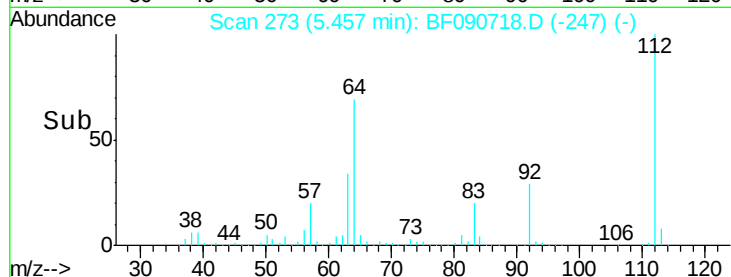
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.28 ng

RT: 6.52 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

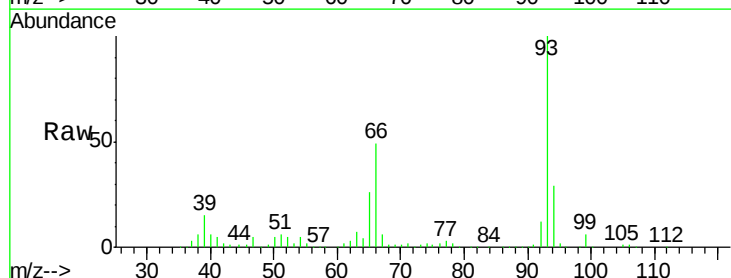
Tgt Ion: 93 Resp: 980515

Ion Ratio Lower Upper

93 100

66 49.4 27.2 40.8#

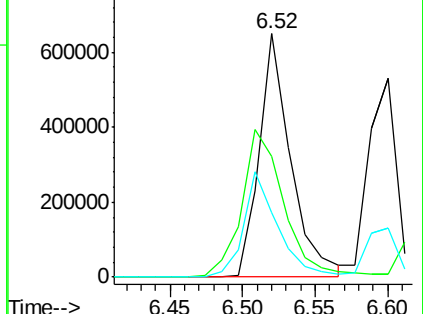
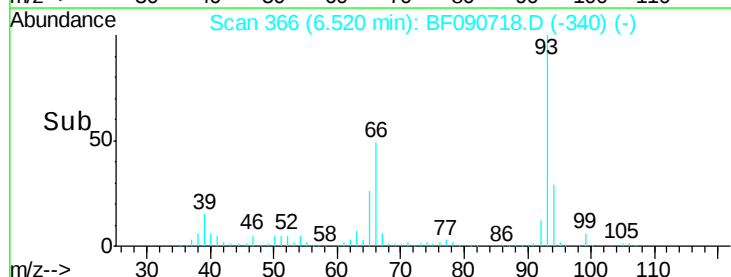
65 26.3 14.7 22.1#

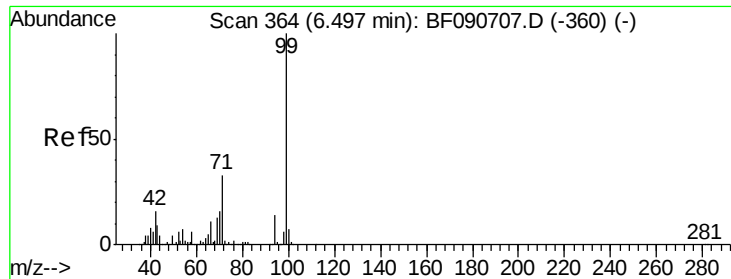


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.40 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1603735

Ion Ratio Lower Upper

99 100

42 16.6 13.7 20.5

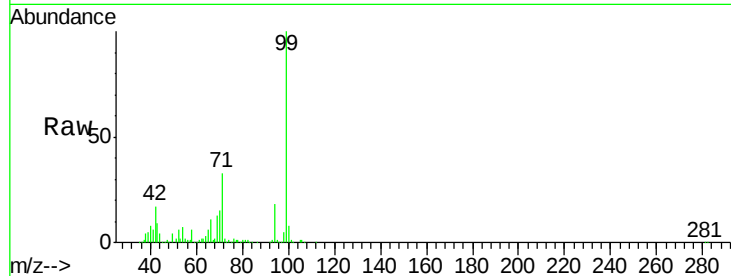
71 32.8 14.2 21.2#

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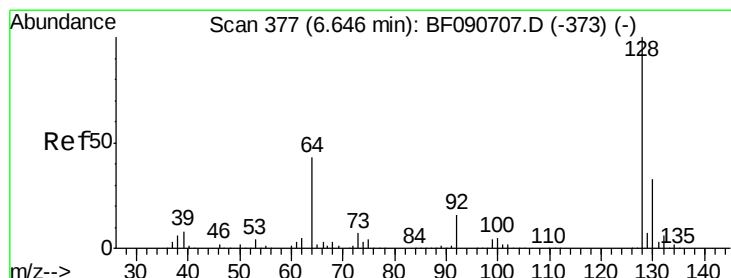
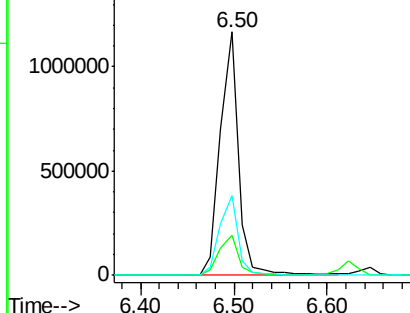
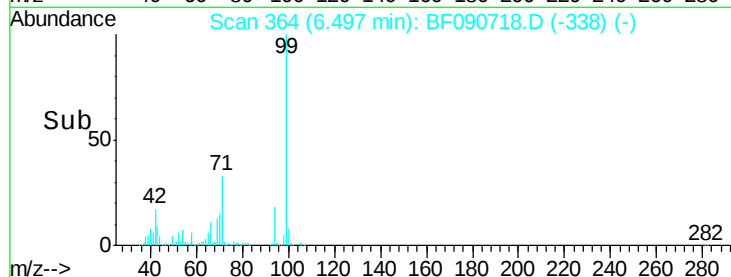
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.72 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

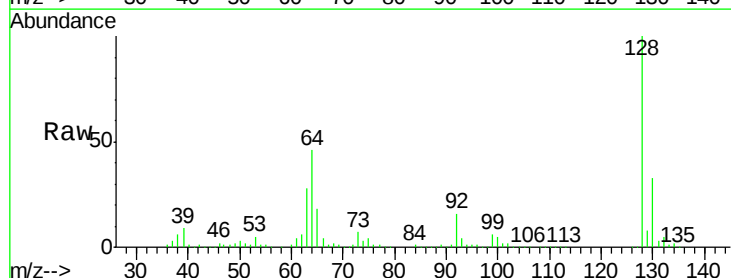
Tgt Ion: 128 Resp: 756316

Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

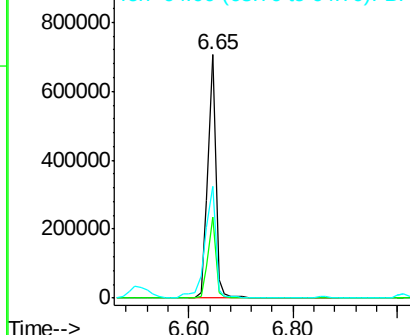
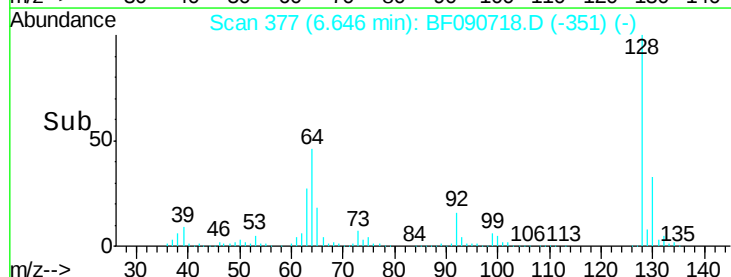
64 45.7 20.5 60.5

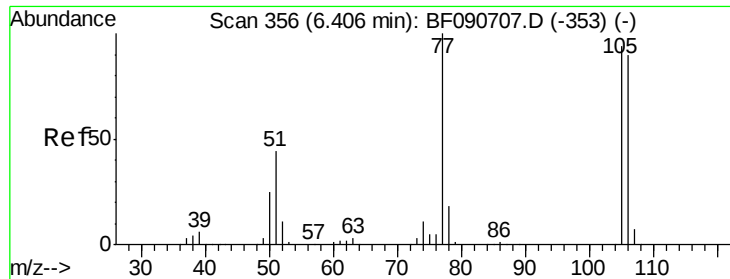


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.83 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

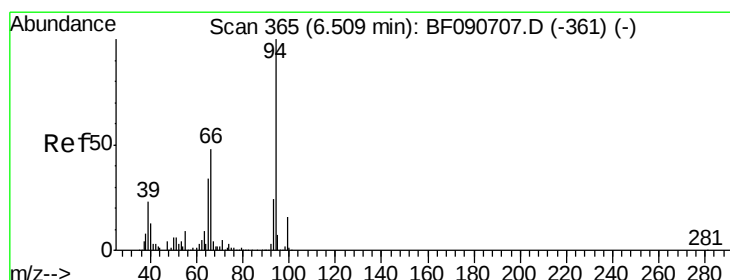
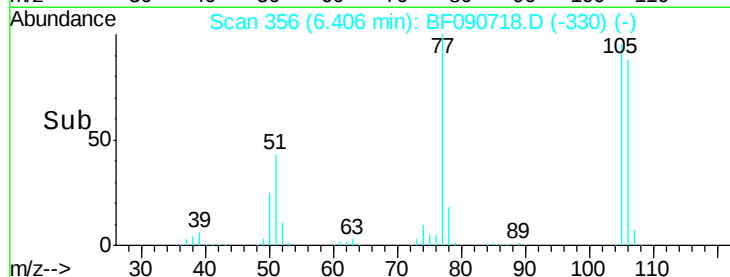
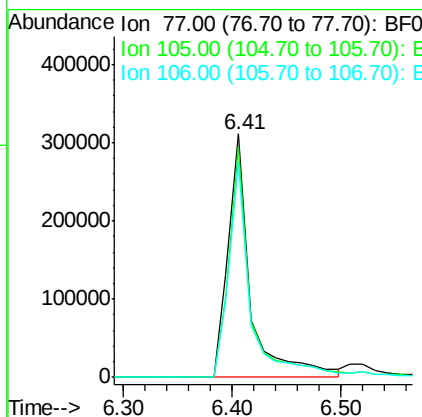
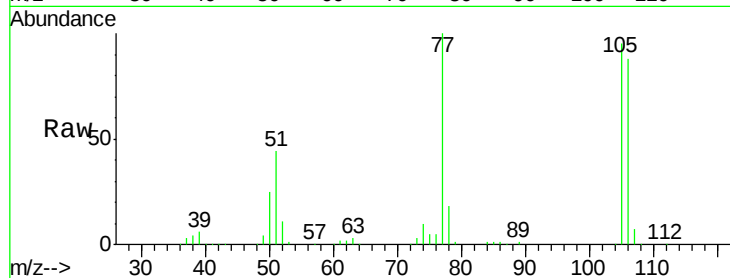
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	94.6	91.6	131.6		
106	88.3	102.6	142.6		

Manual Integrations
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#10

Phenol

Concen: 39.63 ng

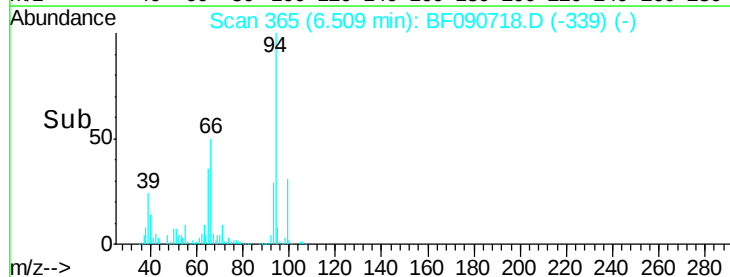
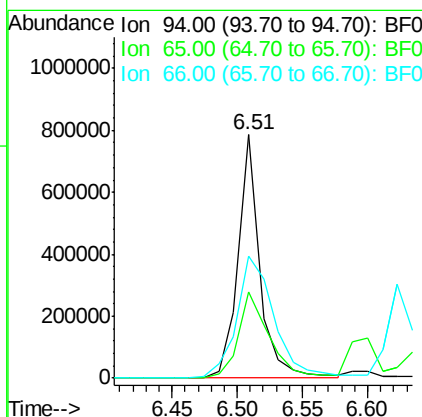
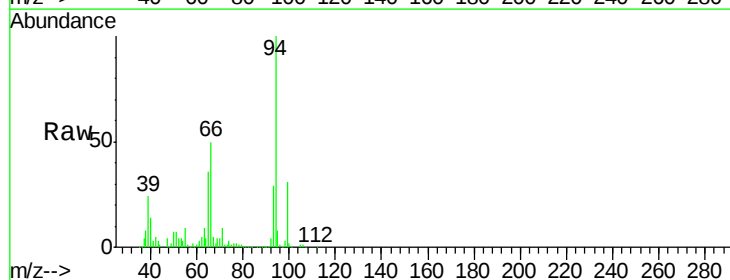
RT: 6.51 min Scan# 365

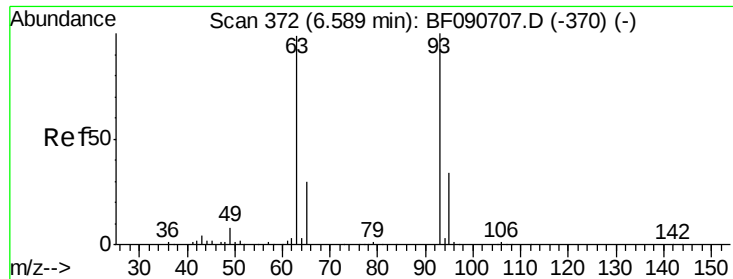
Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	35.6	0.7	40.7		
66	50.1	0.8	40.8		





#11

bis(2-Chloroethyl)ether

Concen: 41.35 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

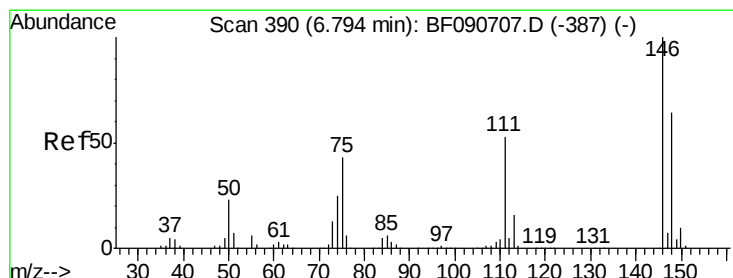
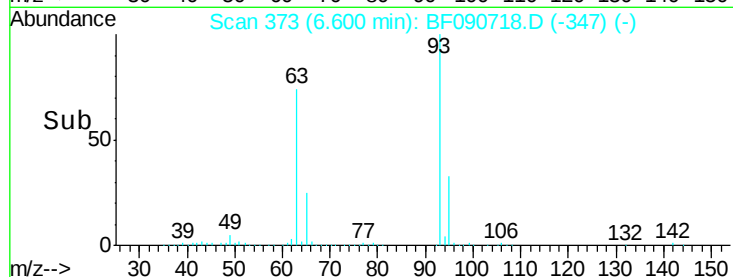
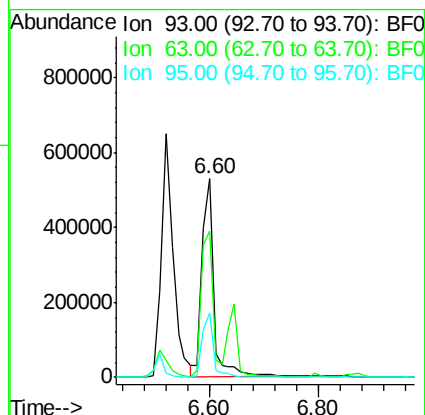
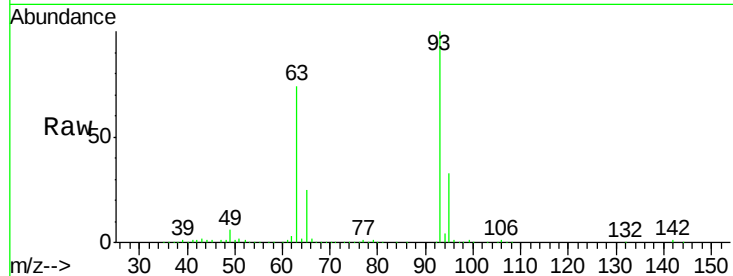
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	798844
Ion Ratio	Lower	Upper	
93	100		
63	73.9	65.6	105.6
95	32.7	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 39.10 ng

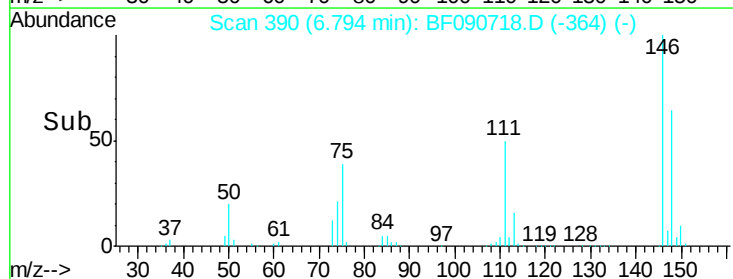
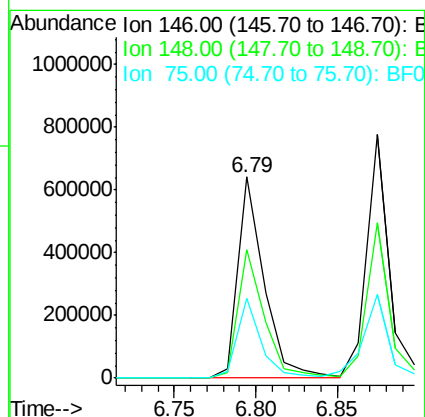
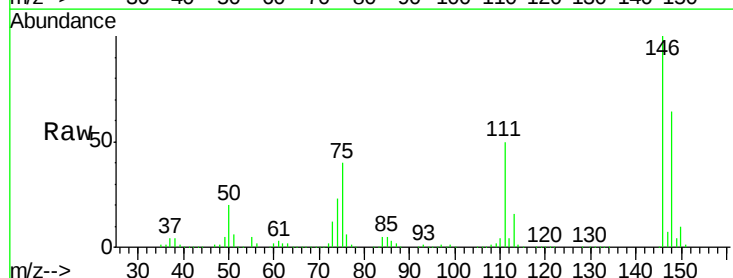
RT: 6.79 min Scan# 390

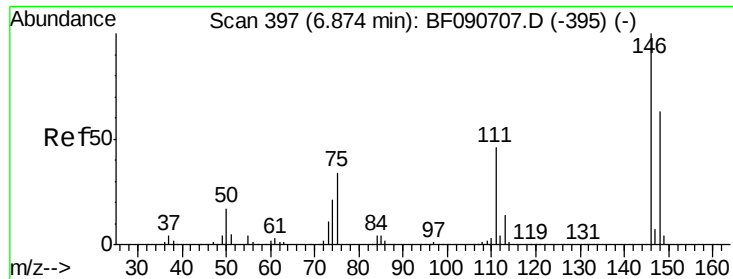
Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Tgt Ion:	146	Resp:	712064
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.0	76.4
75	39.8	15.0	22.6#





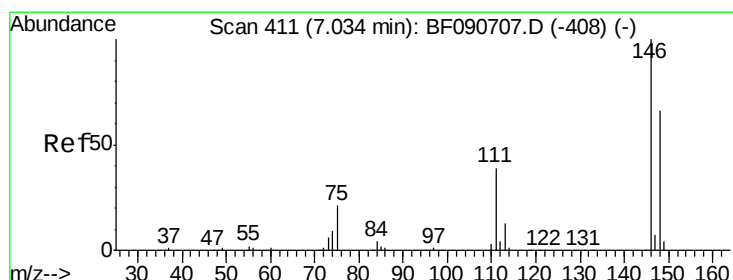
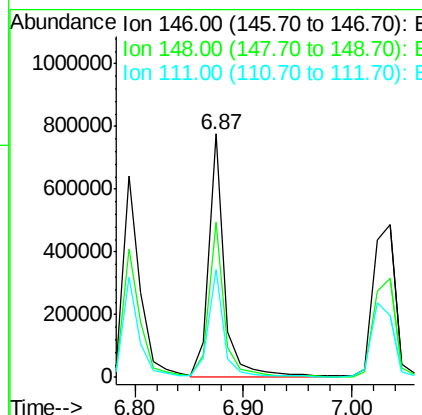
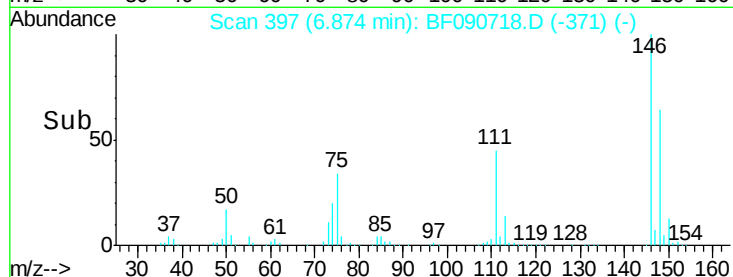
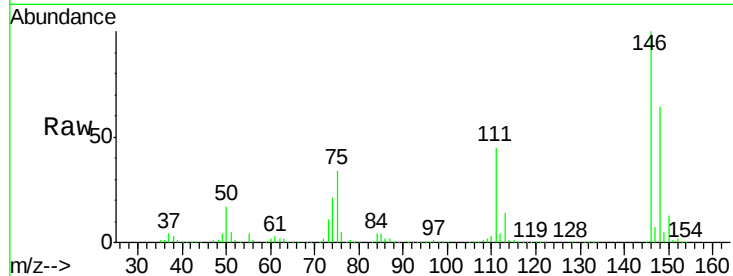
#13
1,4-Dichlorobenzene
Concen: 40.55 ng
RT: 6.87 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
111	44.6	24.9	37.3

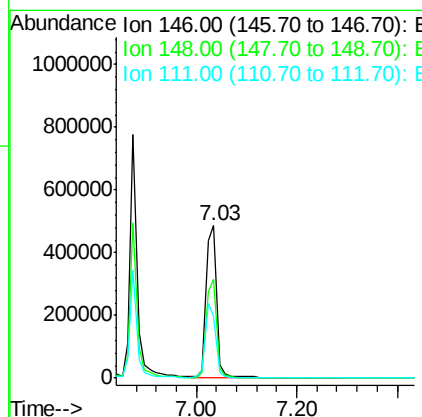
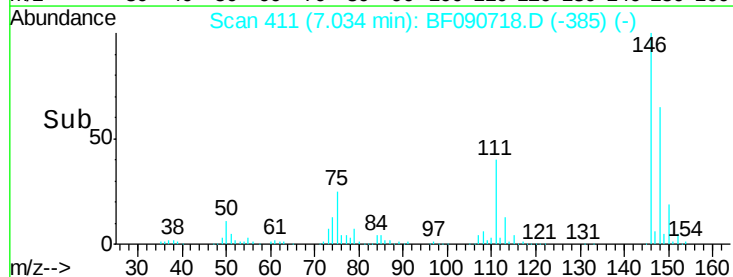
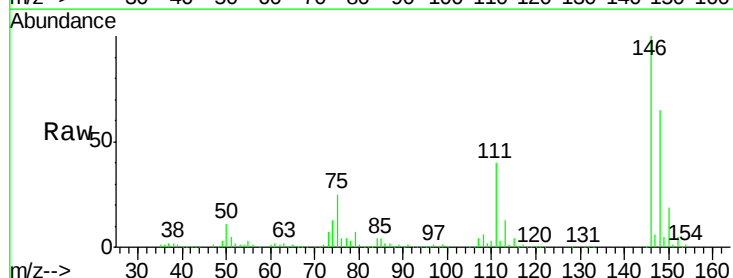
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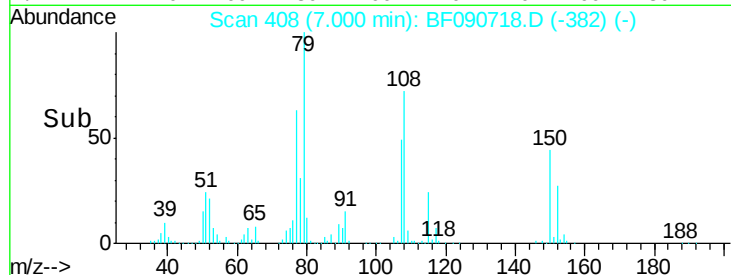
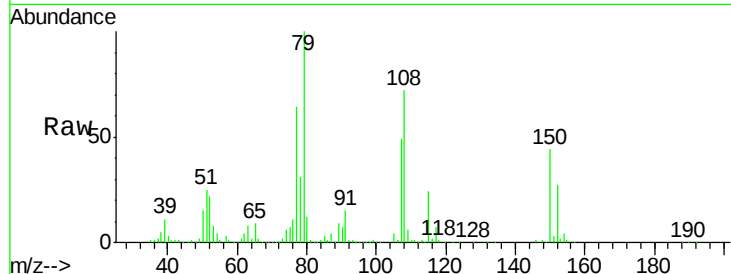
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#14
1,2-Dichlorobenzene
Concen: 37.73 ng
RT: 7.03 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.7	79.1
111	40.3	28.8	43.2





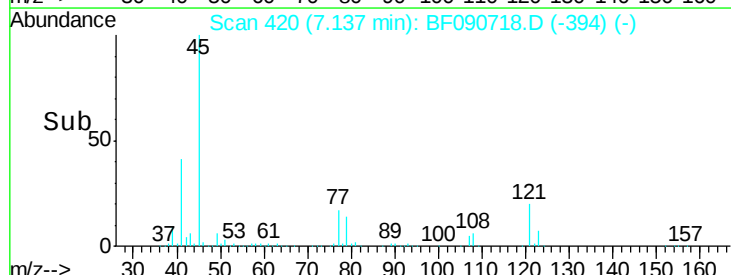
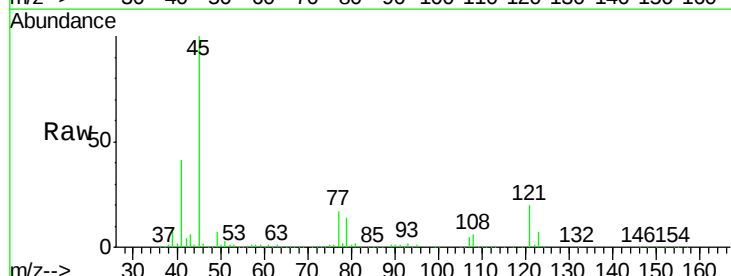
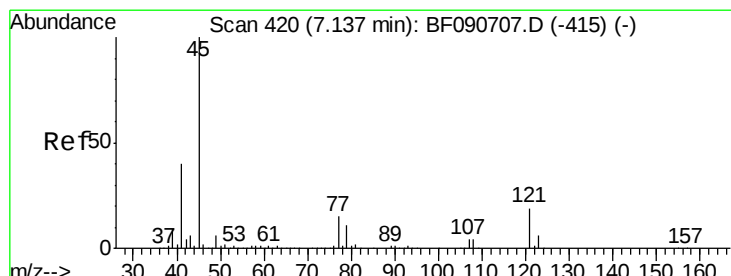
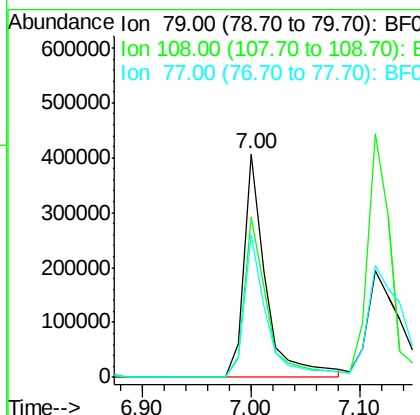
#15
Benzyl Alcohol
Concen: 40.71 ng
RT: 7.00 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.8	88.6	132.8#
77	63.9	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

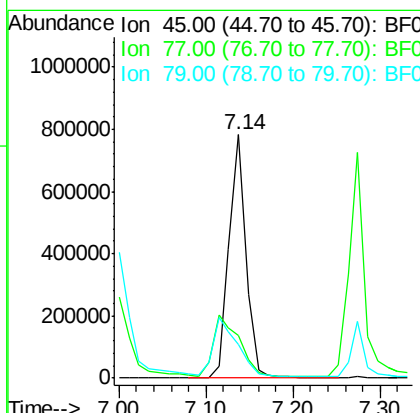
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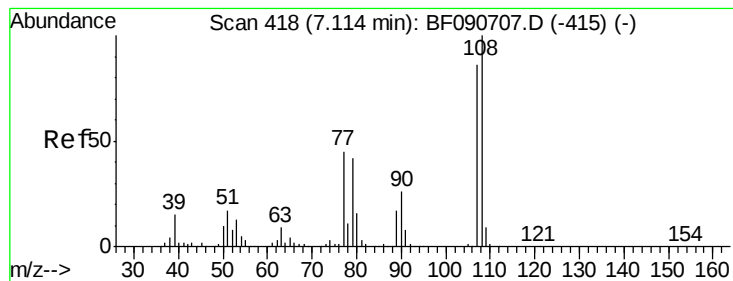
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.95 ng
RT: 7.14 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	28.1
79	13.6	0.0	26.0





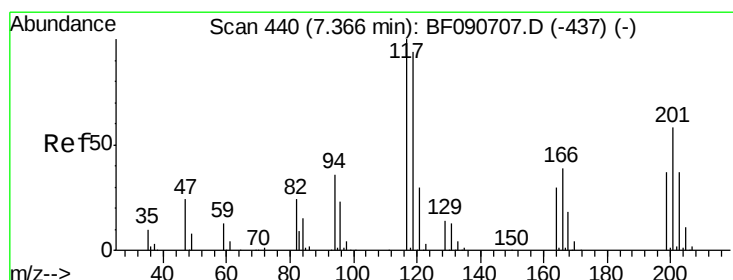
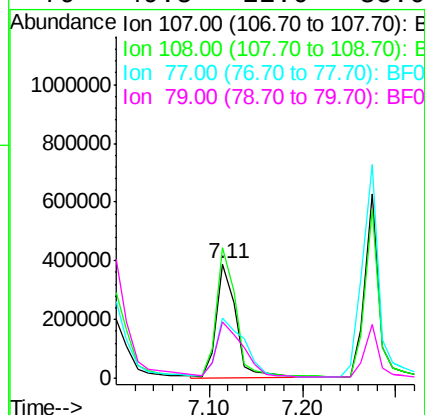
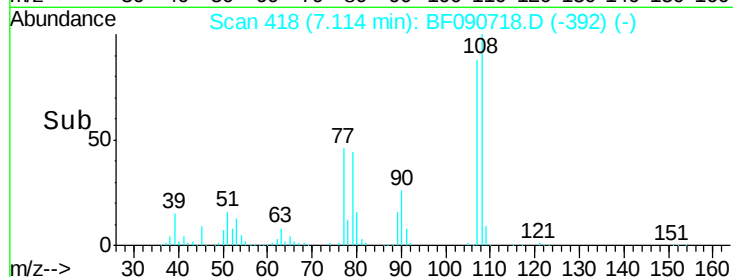
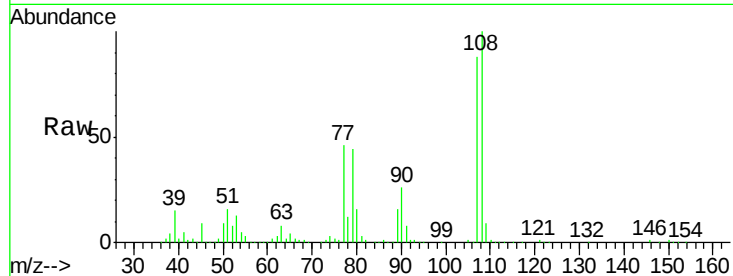
#17
2-Methylphenol
Concen: 41.54 ng
RT: 7.11 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	113.6	96.6	145.0
77	52.2	23.3	34.9
79	49.5	22.0	33.0

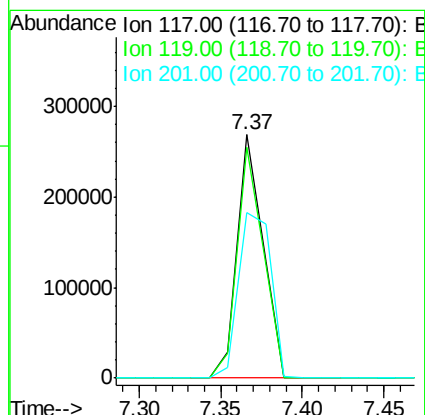
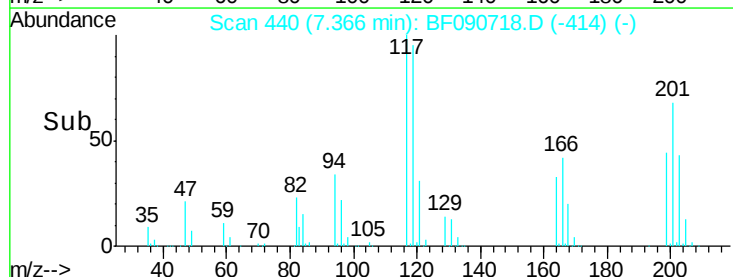
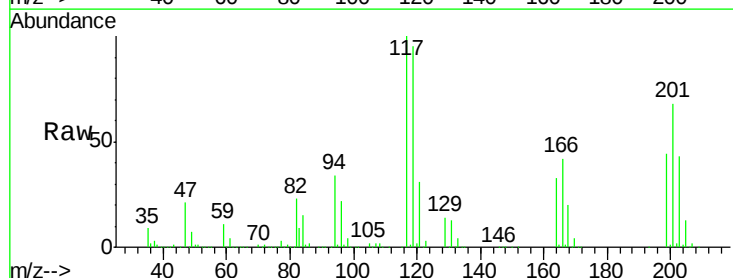
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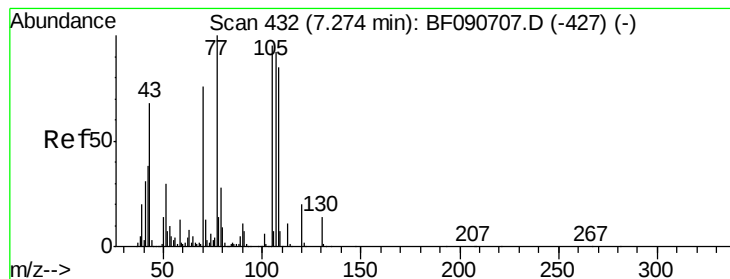
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#18
Hexachloroethane
Concen: 37.44 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	94.9	83.8	125.6
201	67.8	55.1	82.7





#19

n-Nitroso-di-n-propylamine

Concen: 34.75 ng

RT: 7.27 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 529387
Ion Ratio Lower Upper

70 100

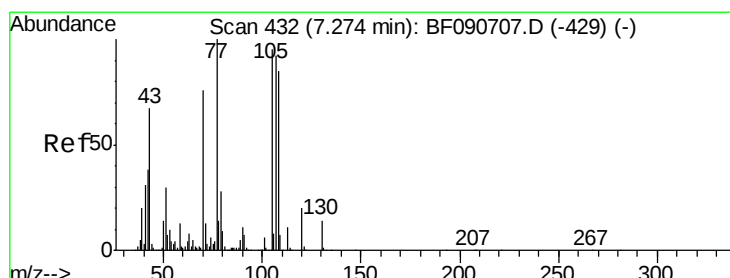
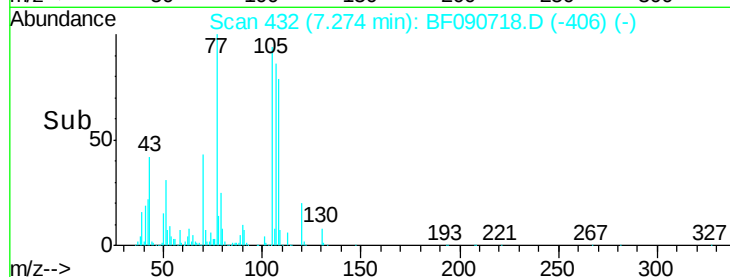
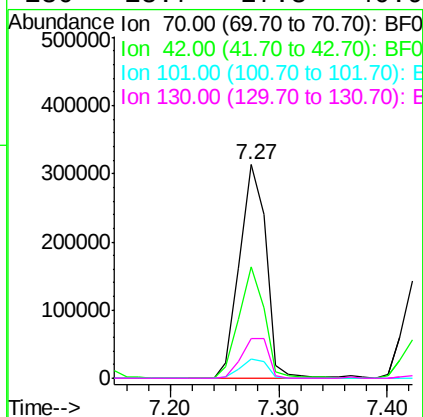
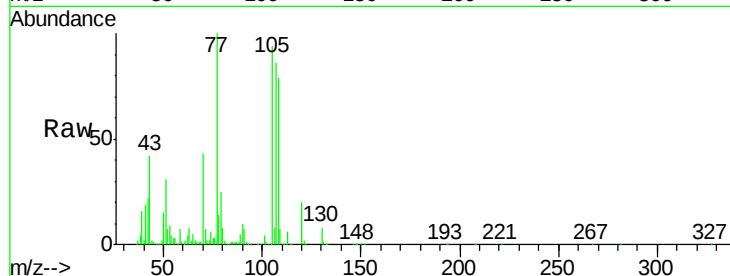
42 52.1 63.8 95.6#

101 8.9 9.2 13.8#

130 18.7 27.3 40.9#

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#20

3+4-Methylphenols

Concen: 41.09 ng

RT: 7.27 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

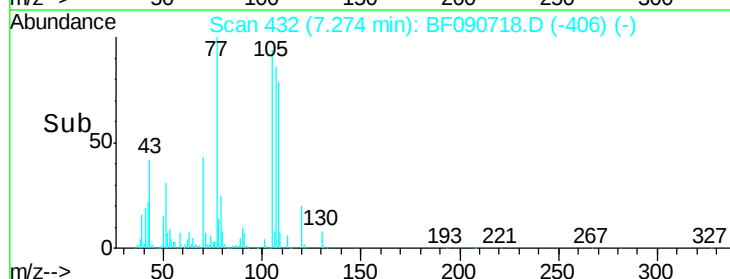
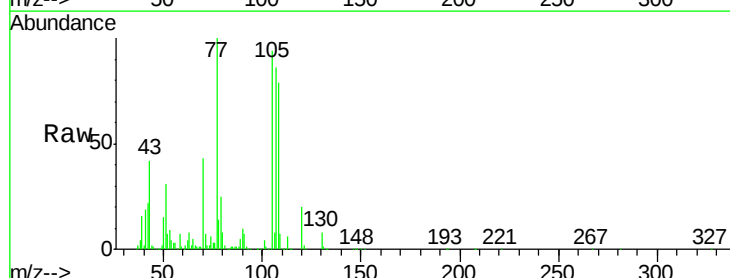
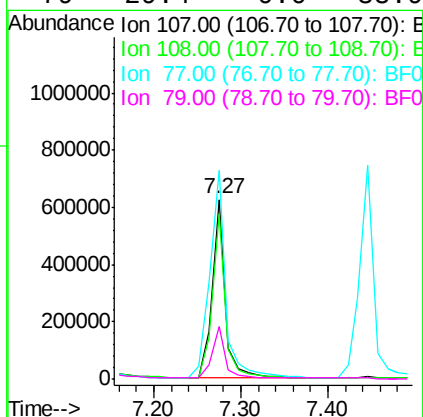
Tgt Ion: 107 Resp: 665324
Ion Ratio Lower Upper

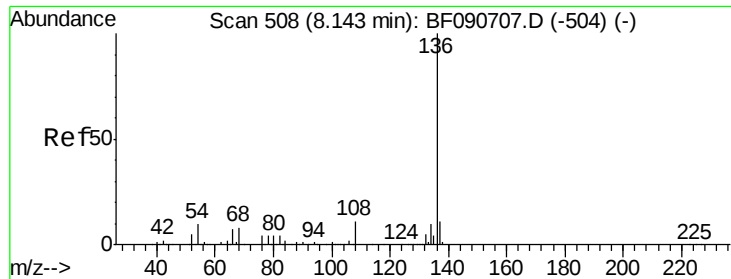
107 100

108 92.1 74.6 114.6

77 116.0 0.7 40.7#

79 29.4 0.0 38.9





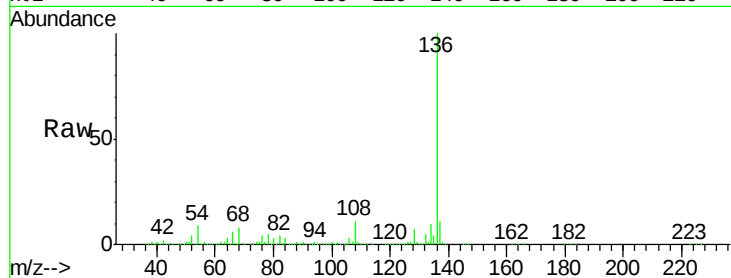
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

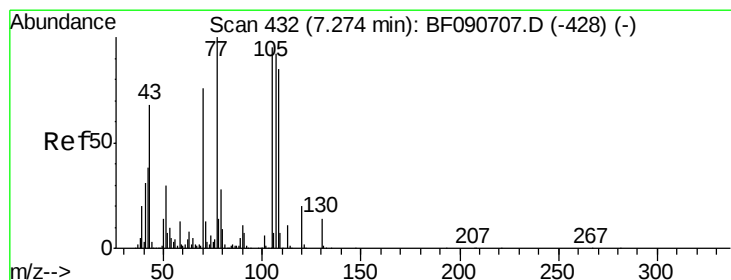
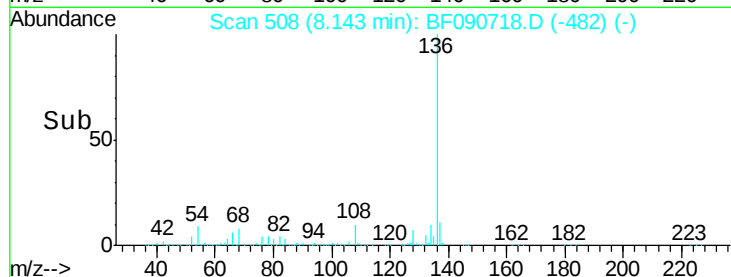
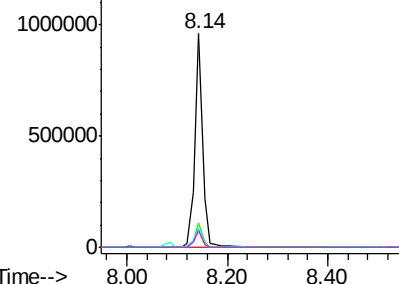
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.0	8.2	12.2
68	8.0	5.8	8.6

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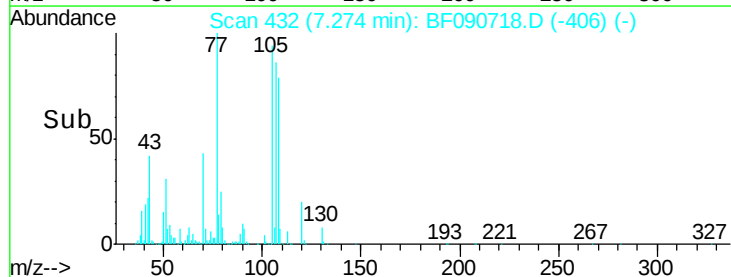
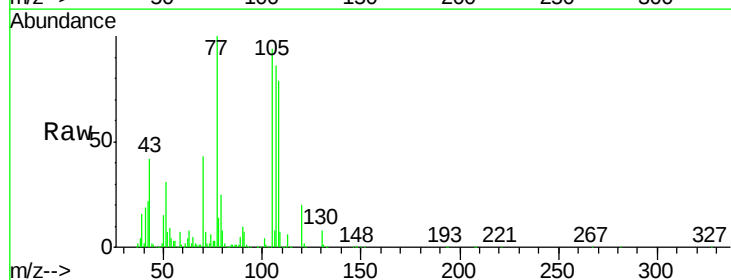
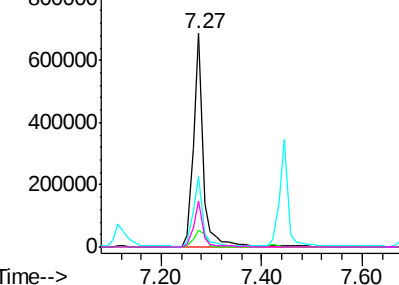
Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

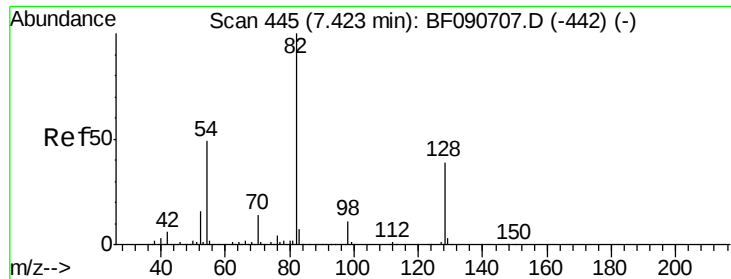


#22
Acetophenone
Concen: 40.24 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.7	4.7	7.1#
51	33.1	22.0	33.0#
120	21.5	30.1	45.1#

Abundance Ion 105.00 (104.70 to 105.70): E
1000000
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





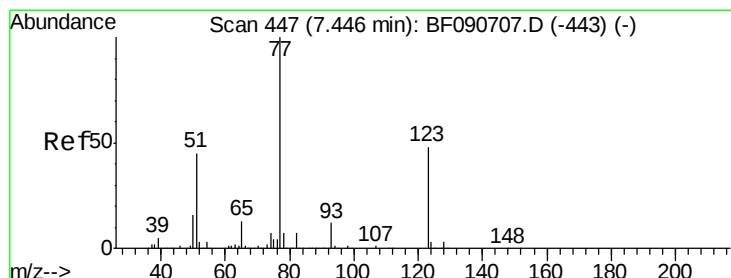
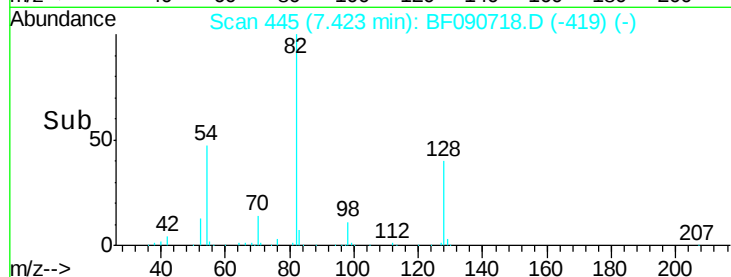
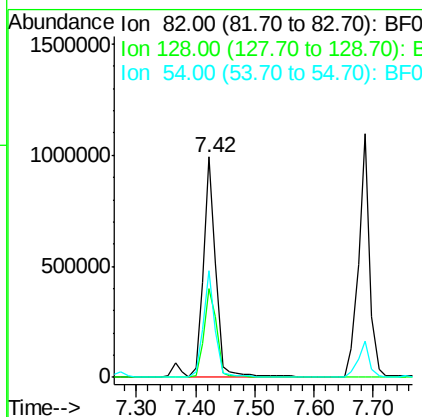
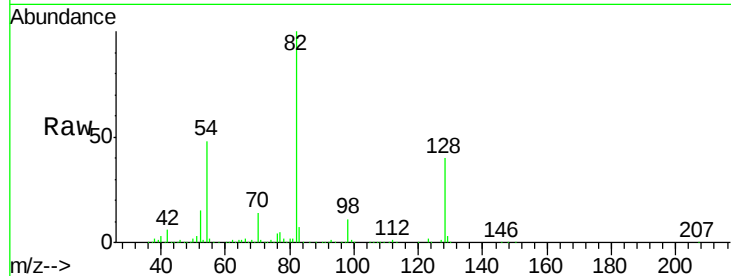
#23
Nitrobenzene-d5
Concen: 78.38 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1479648
Ion Ratio Lower Upper
82 100
128 40.4 51.0 76.6#
54 48.4 47.5 71.3

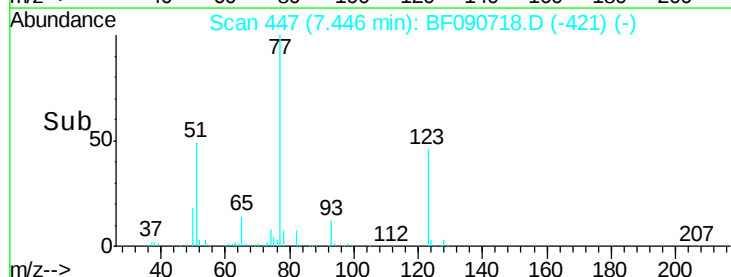
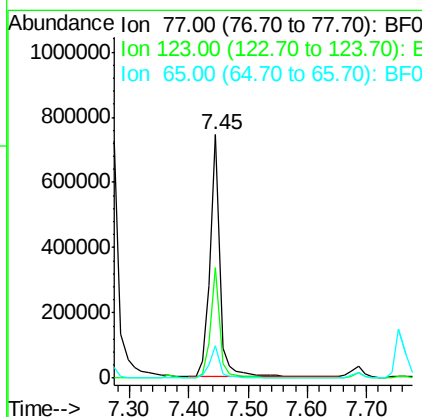
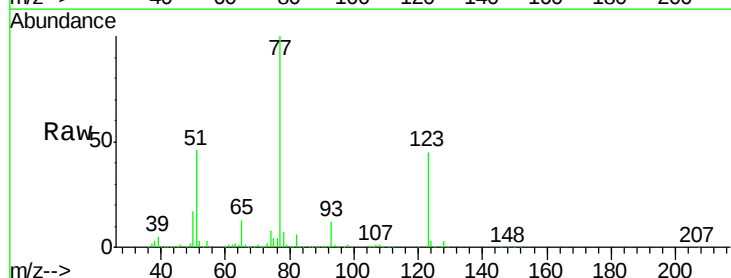
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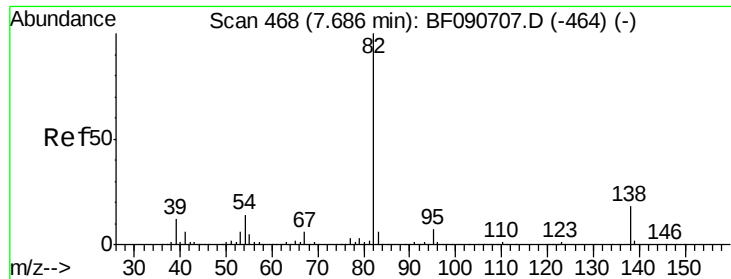
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#24
Nitrobenzene
Concen: 42.52 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion: 77 Resp: 870261
Ion Ratio Lower Upper
77 100
123 45.4 59.8 89.8#
65 13.5 10.2 15.4





#25

Isophorone

Concen: 38.96 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1392190

Ion Ratio Lower Upper

82 100

95 6.7 4.0 6.0#

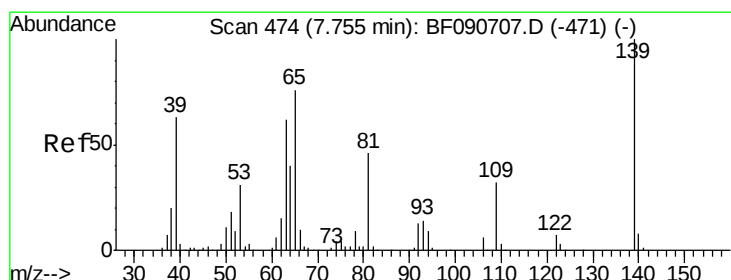
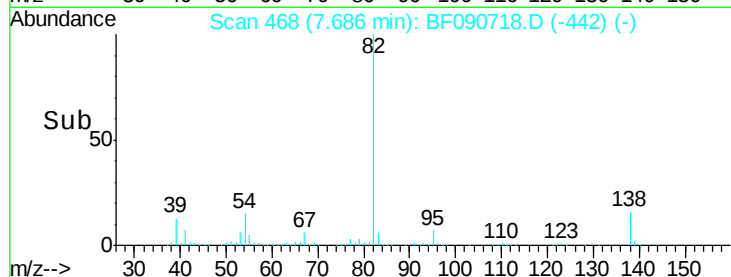
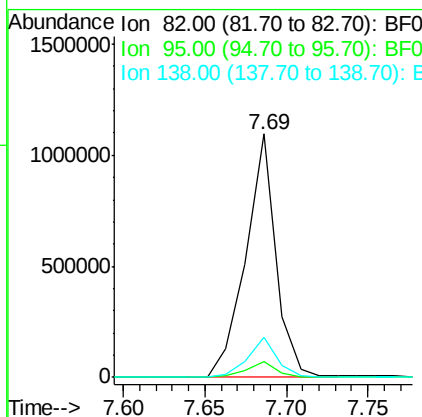
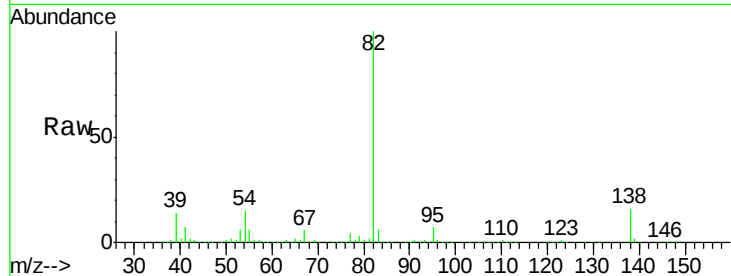
138 16.5 18.3 27.5#

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.26 ng

RT: 7.75 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

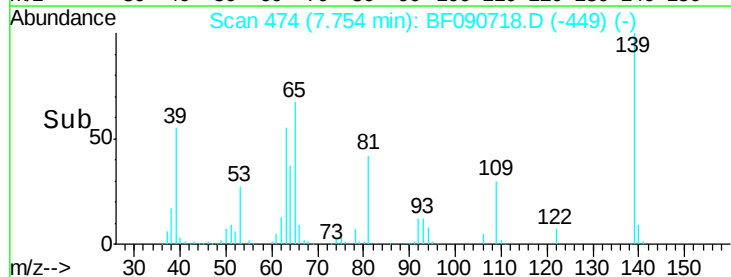
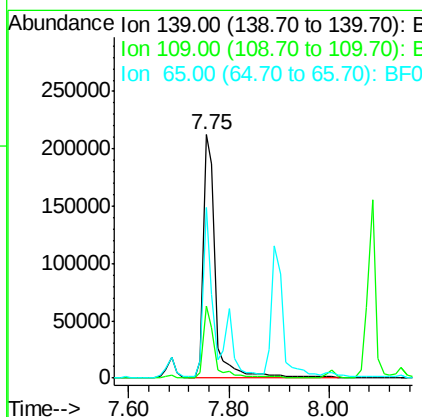
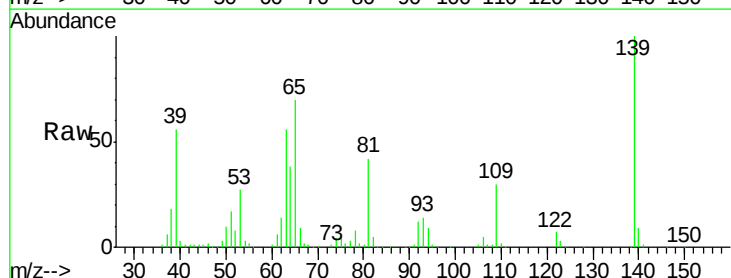
Tgt Ion: 139 Resp: 353332

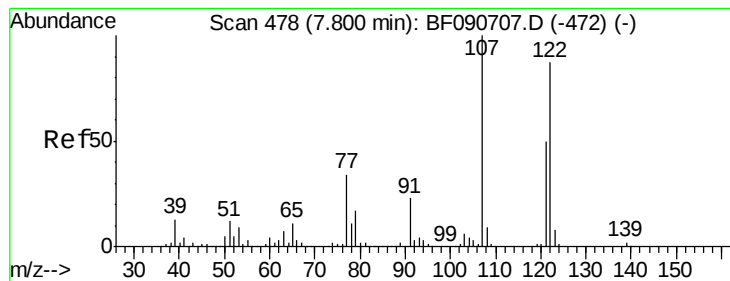
Ion Ratio Lower Upper

139 100

109 29.7 11.0 16.4#

65 69.9 24.7 37.1#





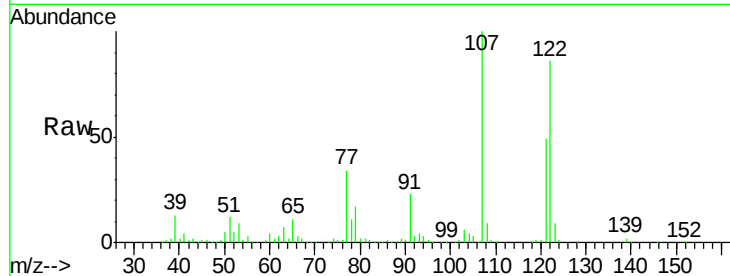
#27
 2,4-Dimethylphenol
 Concen: 39.70 ng
 RT: 7.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

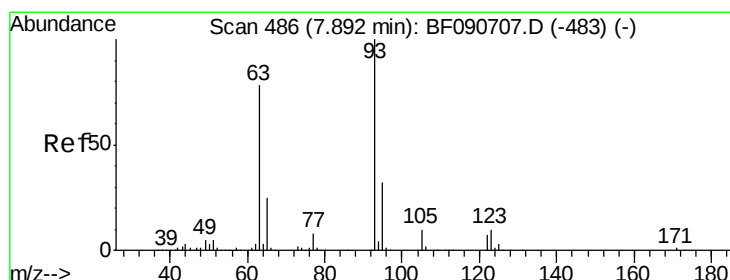
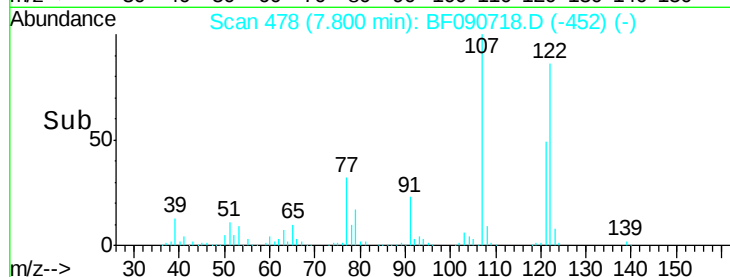
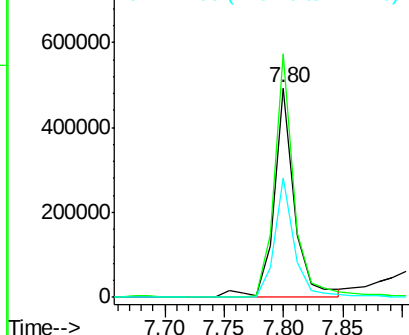
Tot Ion	Ratio	Resp	Lower	Upper
122	100	588568		
107	116.3		71.8	107.6#
121	57.1		42.3	63.5

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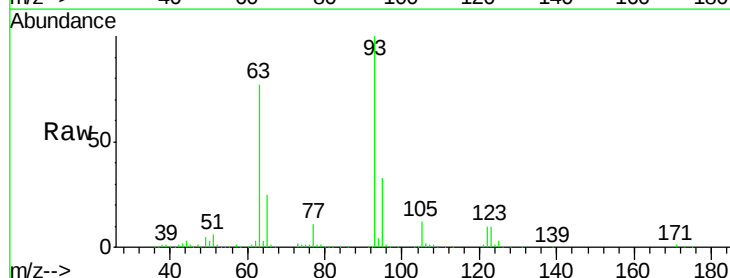


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

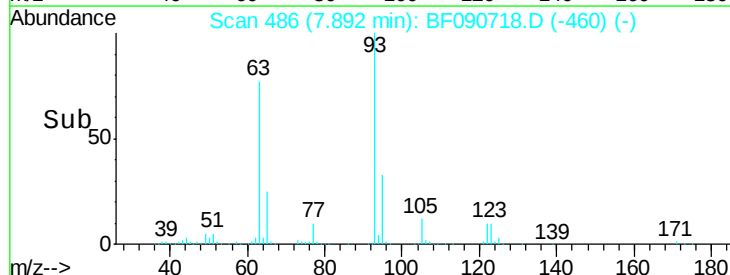
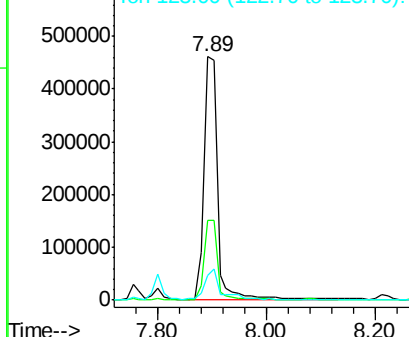


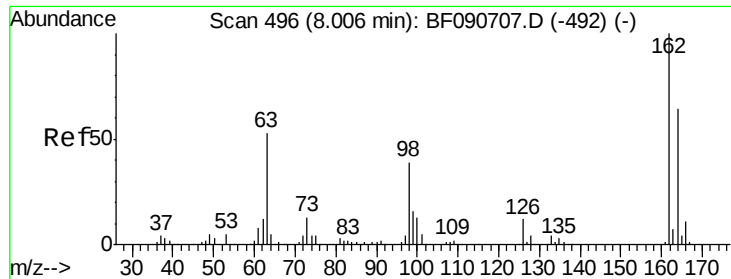
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.23 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	786480		
95	32.7		27.5	41.3
123	10.3		13.7	20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





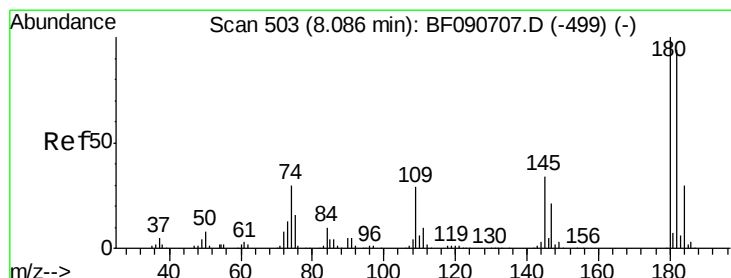
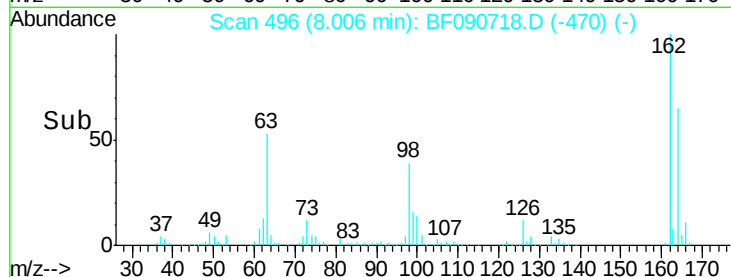
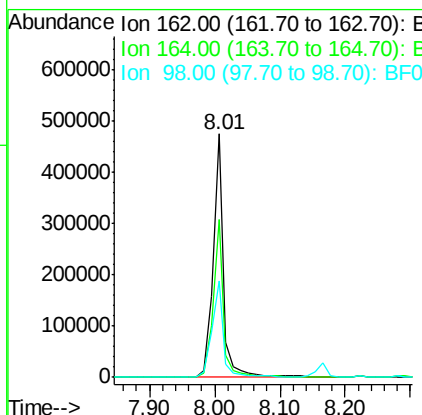
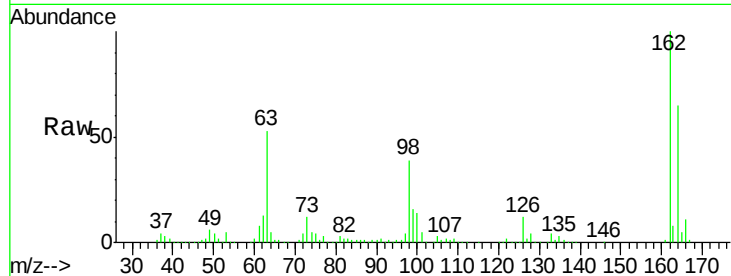
#29
 2,4-Dichlorophenol
 Concen: 44.34 ng
 RT: 8.01 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		539475		
164	65.0		44.9	84.9	
98	39.4		13.0	53.0	

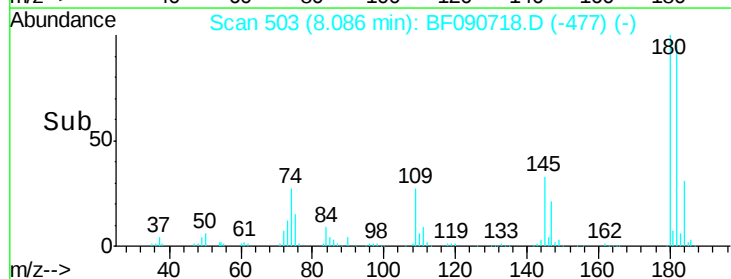
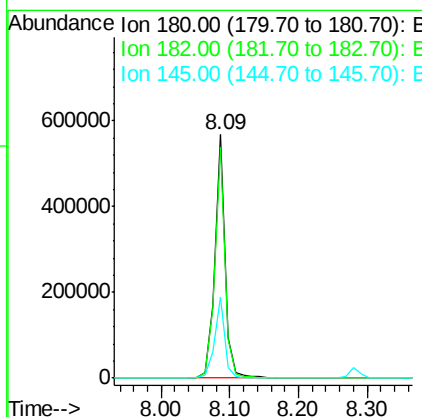
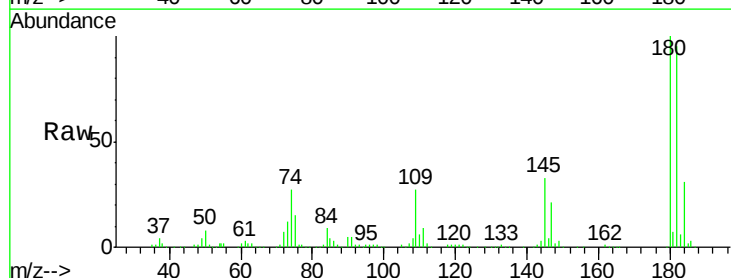
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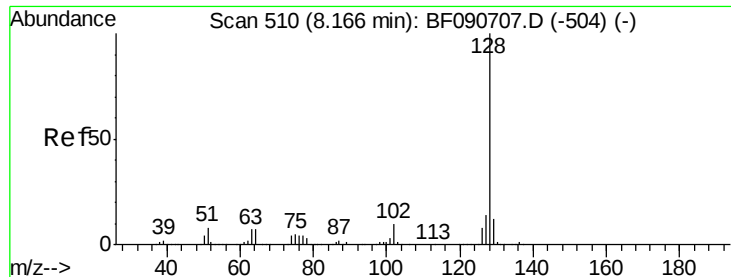
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.00 ng
 RT: 8.09 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		601308		
182	94.8		77.1	115.7	
145	33.3		23.3	34.9	





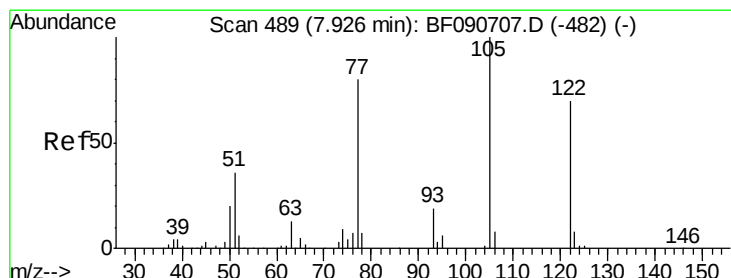
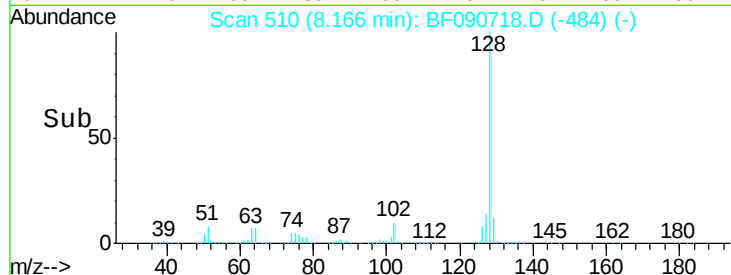
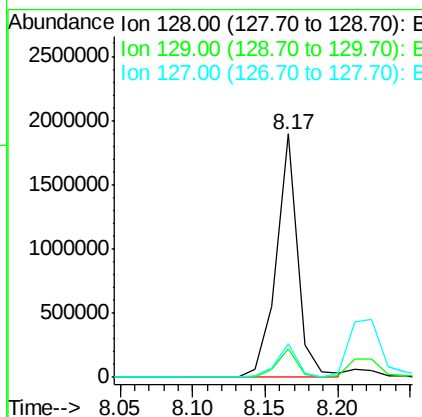
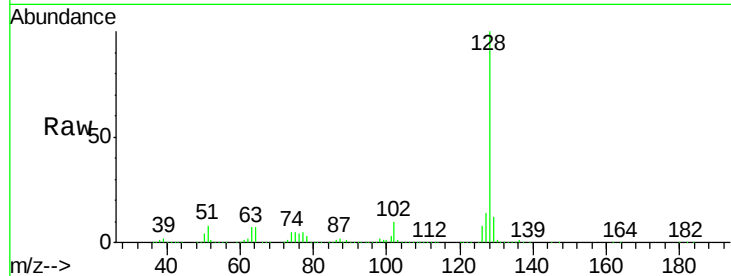
#31
Naphthalene
Concen: 38.45 ng
RT: 8.17 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
128	100			
129	11.9	8.4	12.6	
127	14.0	9.9	14.9	

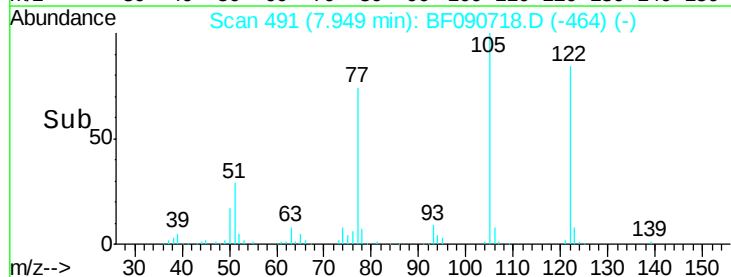
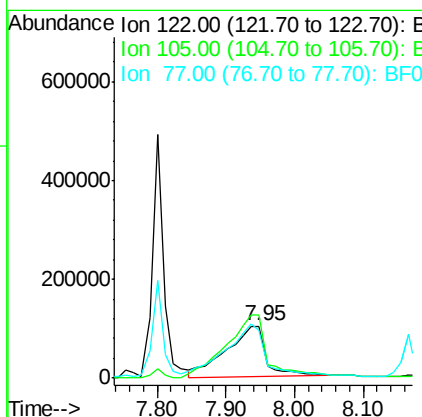
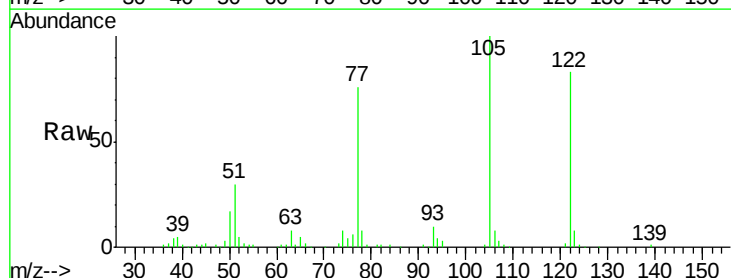
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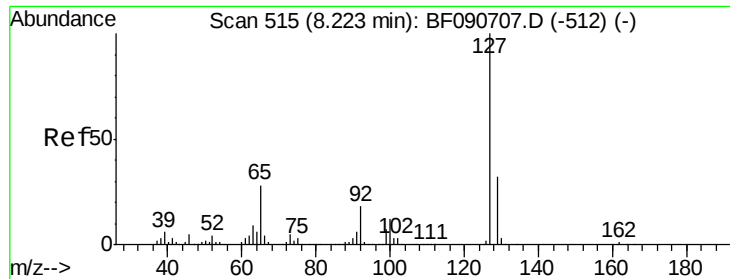
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#32
Benzoic acid
Concen: 40.96 ng
RT: 7.95 min Scan# 491
Delta R.T. 0.01 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ion	Ratio	Lower	Upper
122	100			
105	120.4	76.1	116.1#	
77	92.0	40.5	80.5#	





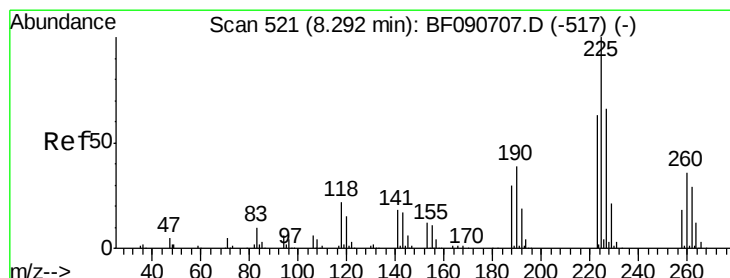
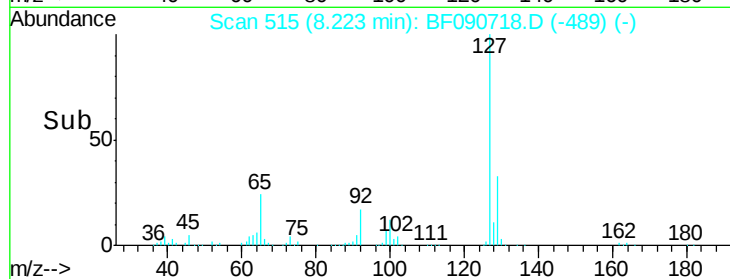
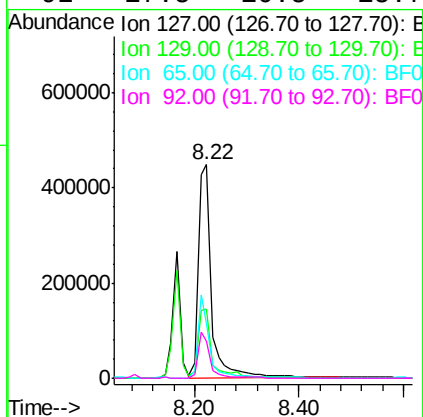
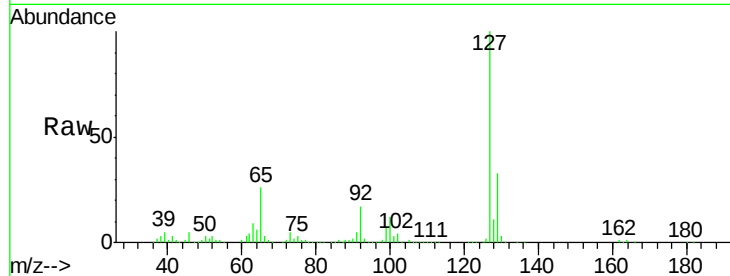
#33
4-Chloroaniline
Concen: 42.37 ng
RT: 8.22 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		795884		
129	32.7	25.8	38.6		
65	26.1	17.9	26.9		
92	17.5	10.5	15.7		

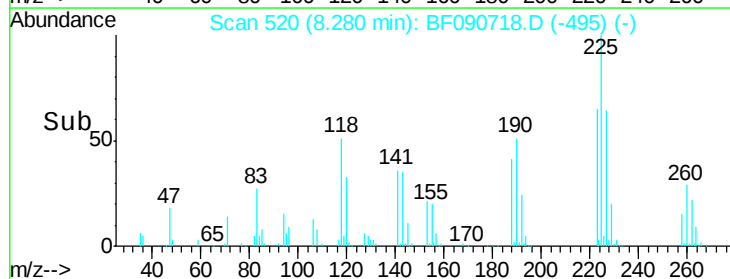
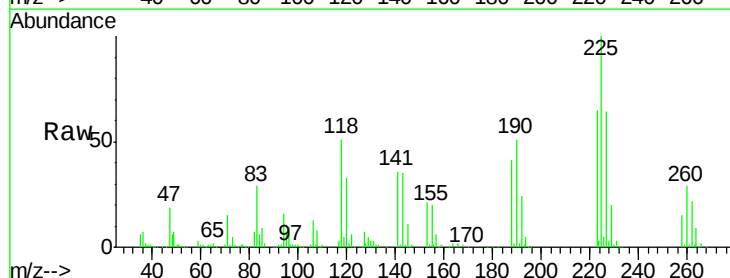
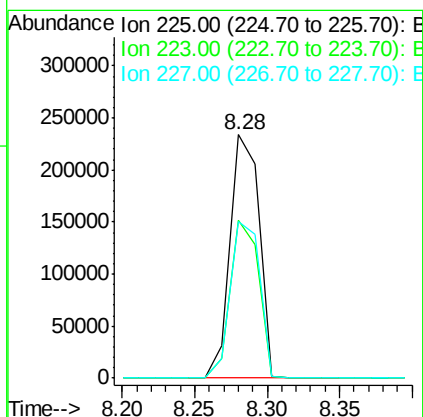
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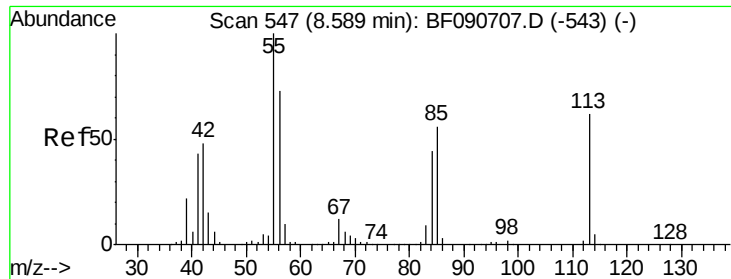
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#34
Hexachlorobutadiene
Concen: 40.35 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		324844		
223	64.9	50.2	75.2		
227	64.1	52.2	78.2		





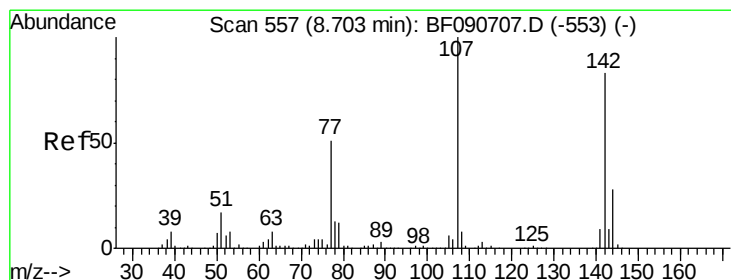
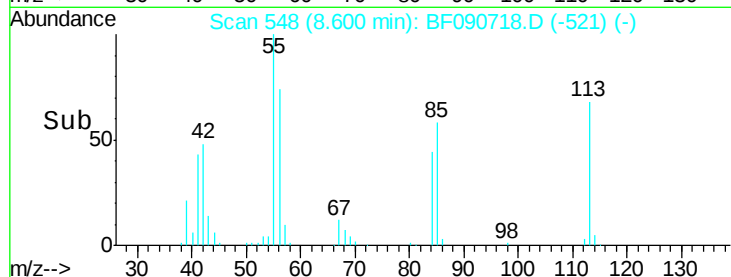
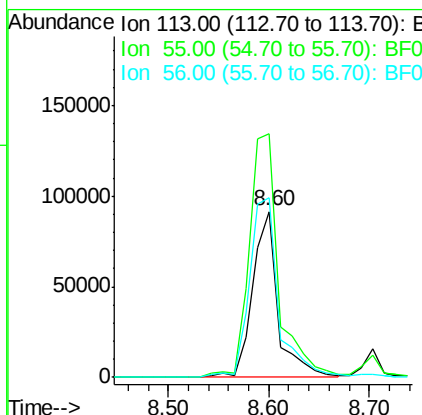
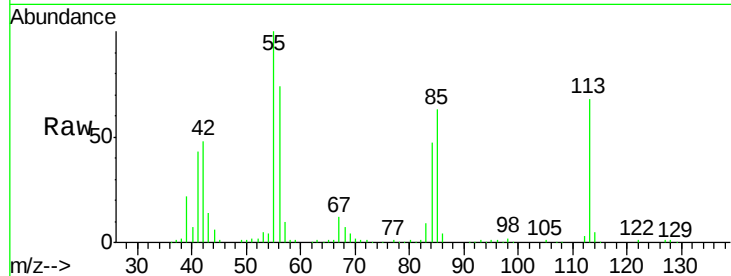
#35
Caprolactam
Concen: 46.05 ng
RT: 8.60 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.9	152.4	192.4#
56	108.2	104.6	144.6

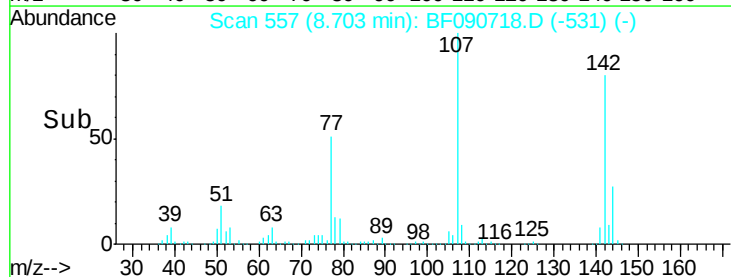
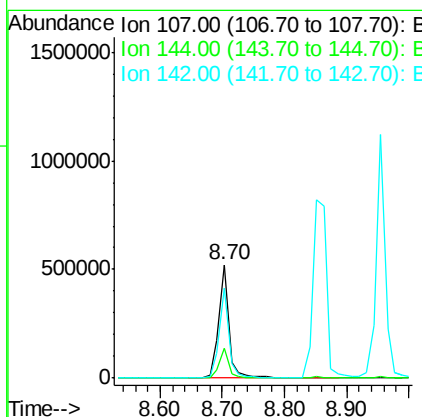
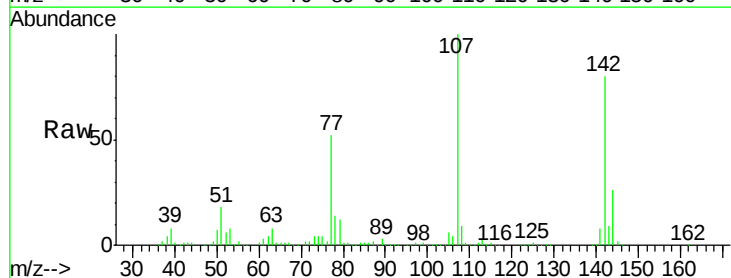
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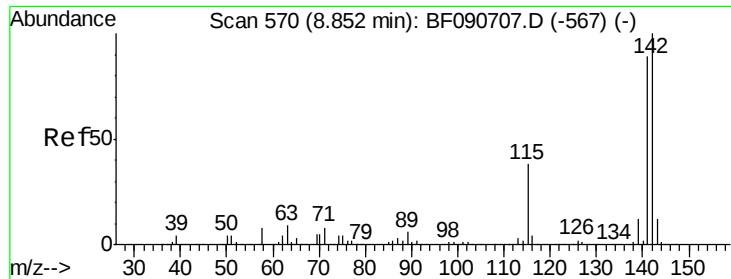
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#36
4-Chloro-3-methylphenol
Concen: 41.49 ng
RT: 8.70 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	25.4	38.0
142	79.8	77.3	115.9





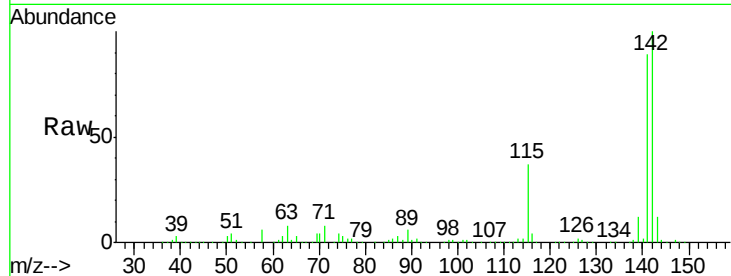
#37
2-Methylnaphthalene
Concen: 42.36 ng
RT: 8.85 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

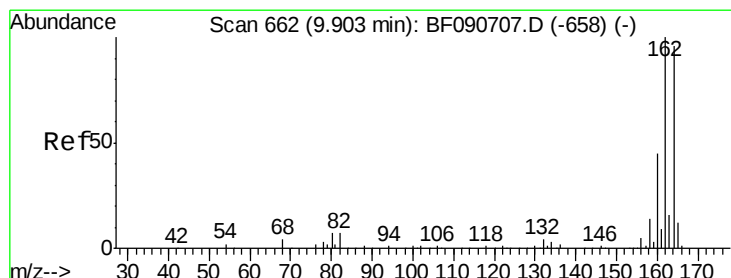
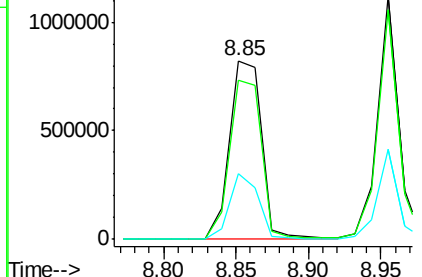
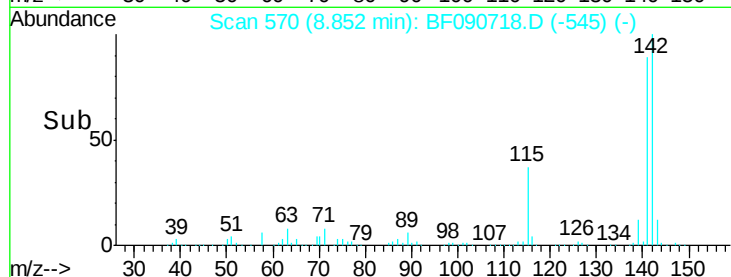
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.5	101.3
115	36.7	18.2	27.2

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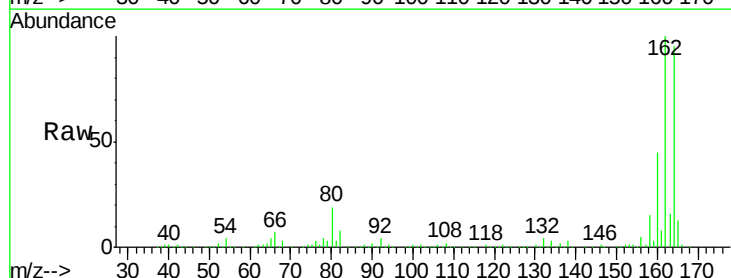


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

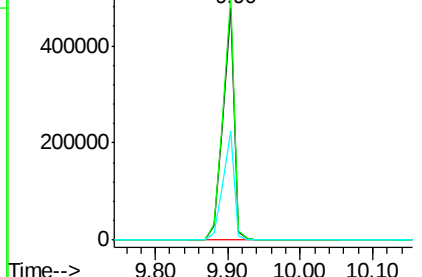
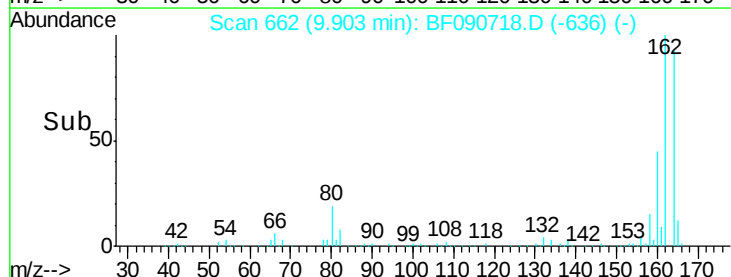


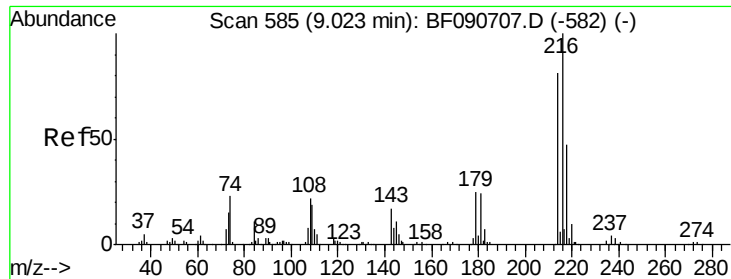
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	75.2	112.8
160	46.9	31.5	47.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





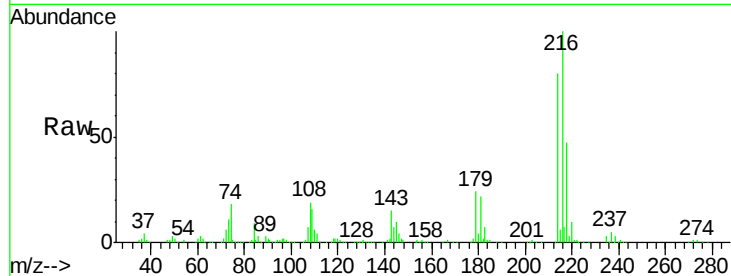
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.19 ng
 RT: 9.02 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

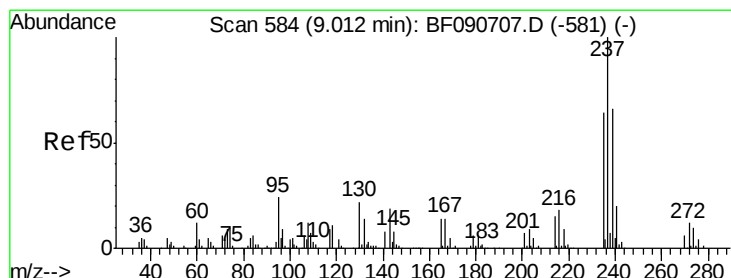
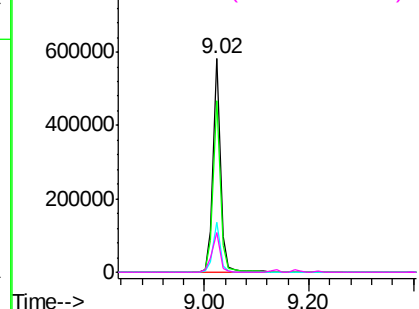
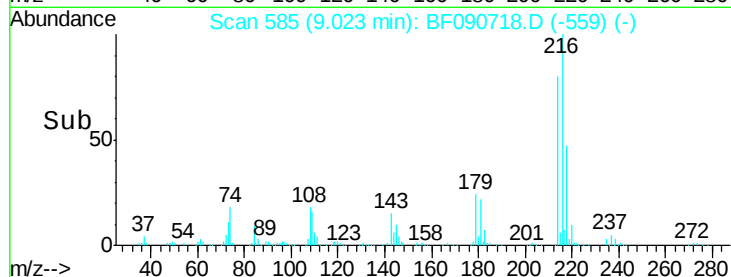
Tot Ion	Ratio	Resp	Lower	Upper
216	100	578564		
214	79.7	63.5	95.3	
179	22.9	16.6	24.8	
108	19.9	16.3	24.5	

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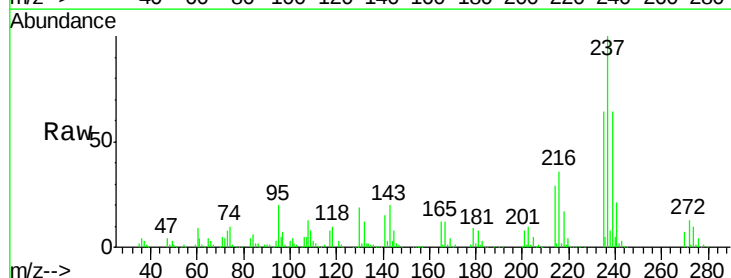


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

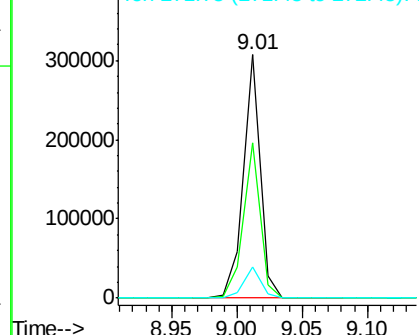
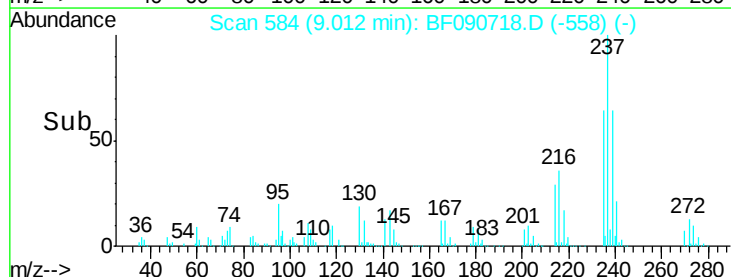


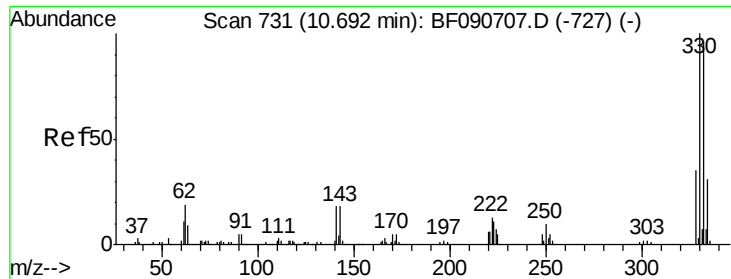
#40
 Hexachlorocyclopentadiene
 Concen: 41.61 ng
 RT: 9.01 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	274444		
235	63.7	42.0	82.0	
272	12.8	0.0	36.1	



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





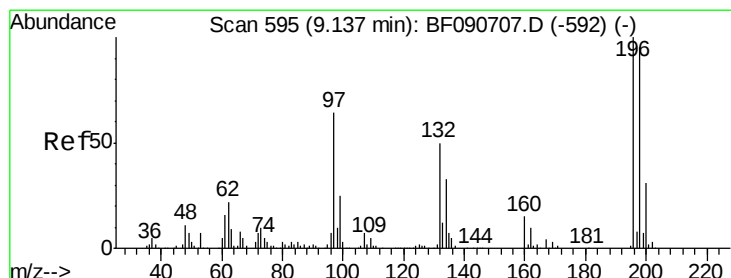
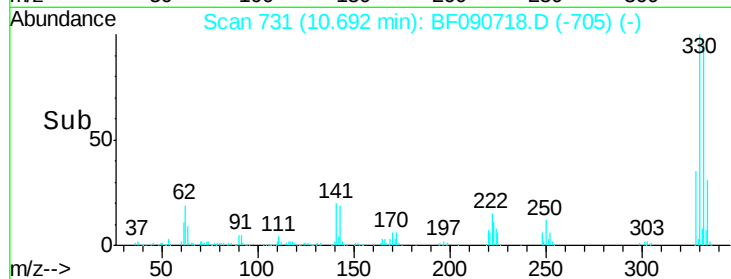
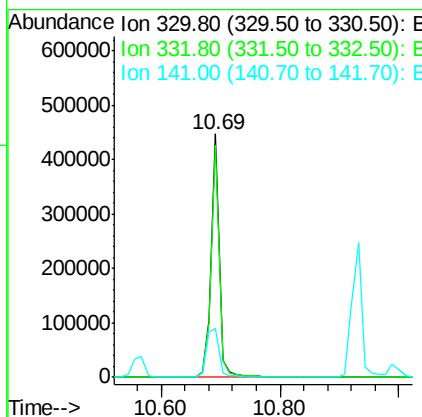
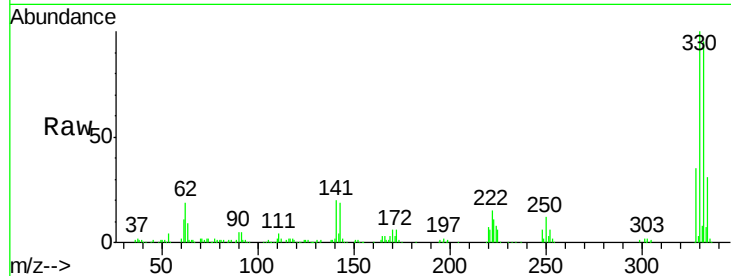
#41
 2,4,6-Tribromophenol
 Concen: 104.84 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	431701		
332	95.5	76.6	114.8	
141	31.7	29.7	44.5	

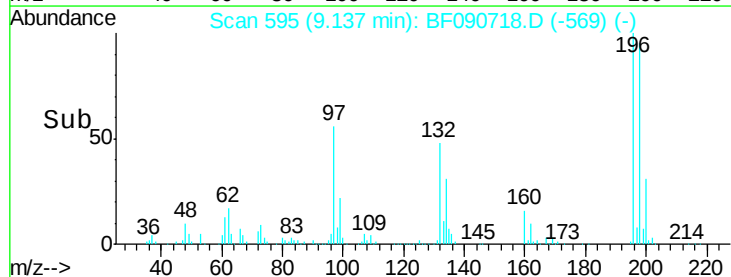
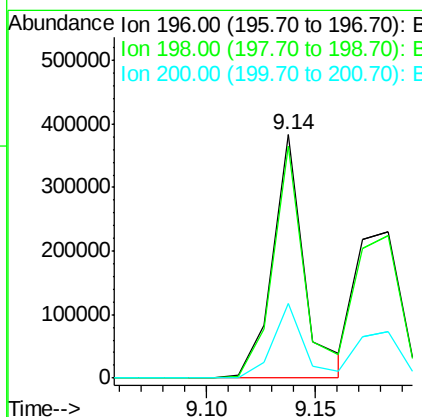
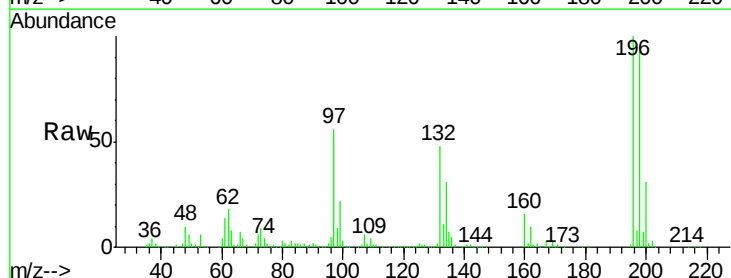
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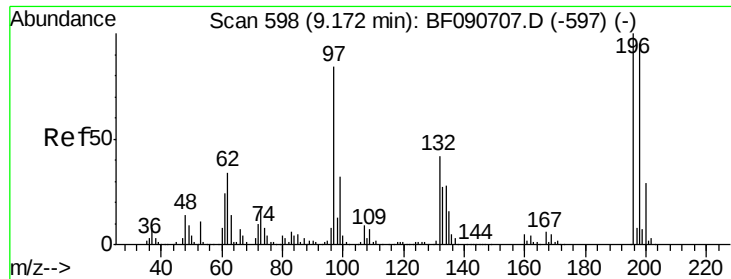
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#42
 2,4,6-Trichlorophenol
 Concen: 44.61 ng
 RT: 9.14 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	388608		
198	95.1	75.7	113.5	
200	30.7	23.9	35.9	





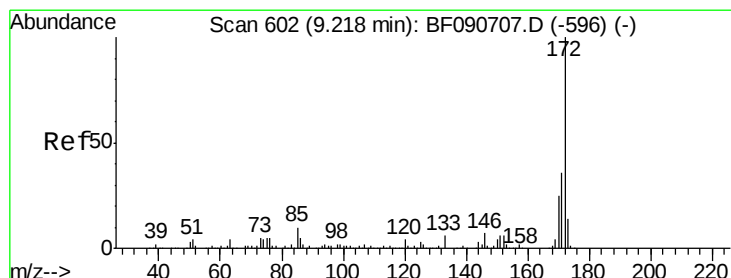
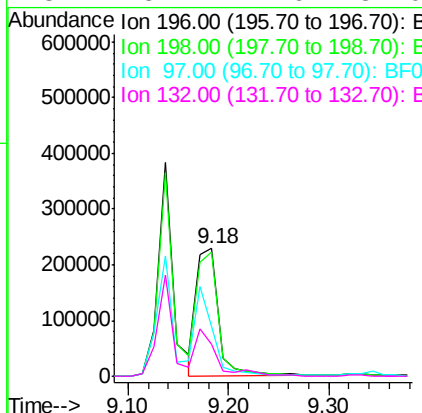
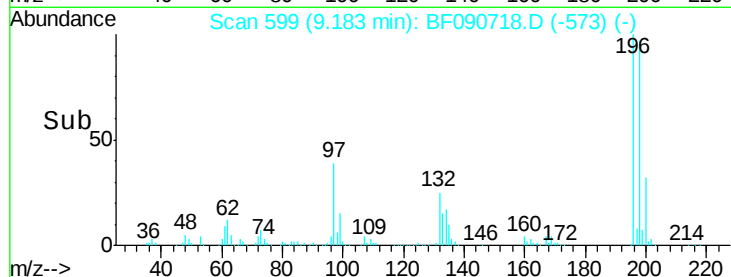
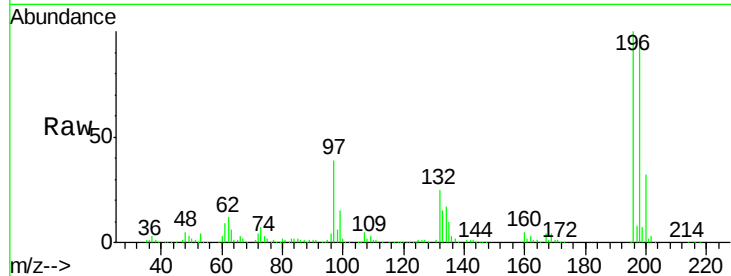
#43
2,4,5-Trichlorophenol
Concen: 40.00 ng
RT: 9.18 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		353657		
198	97.3	75.4	113.0		
97	38.7	33.3	49.9		
132	25.1	24.6	37.0		

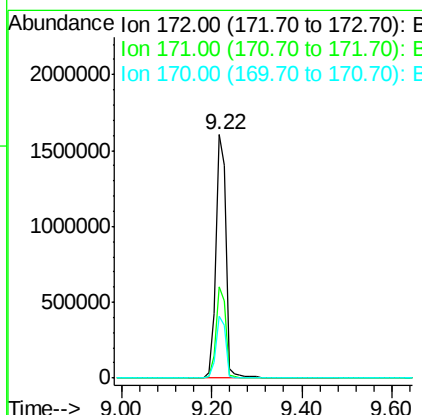
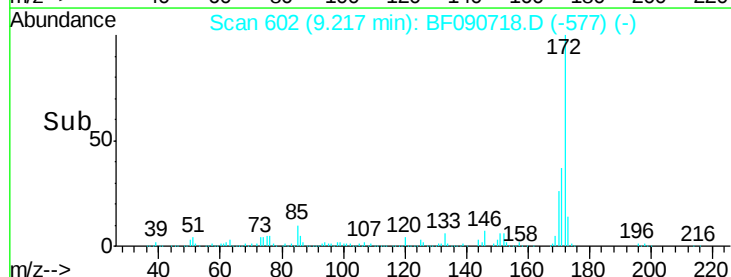
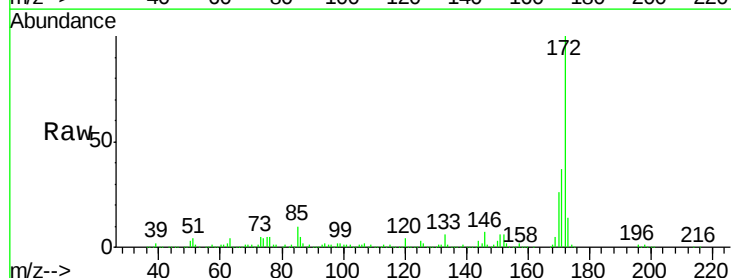
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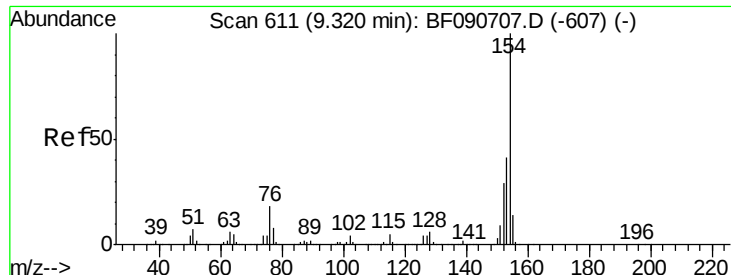
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#44
2-Fluorobiphenyl
Concen: 74.67 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2502471		
171	37.5	26.1	39.1		
170	25.6	17.4	26.2		





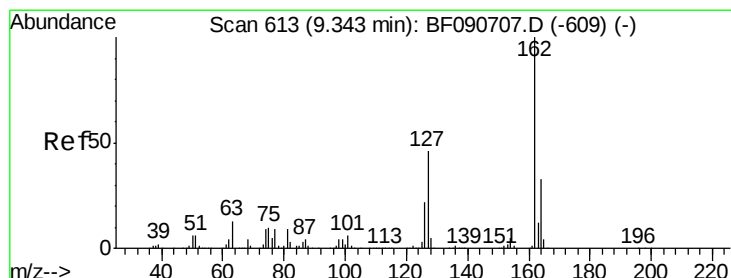
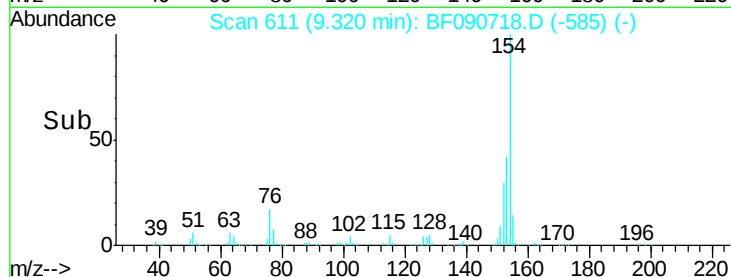
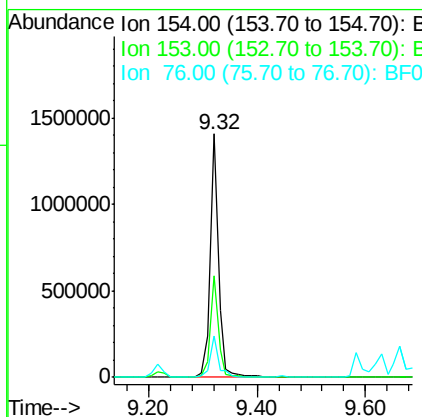
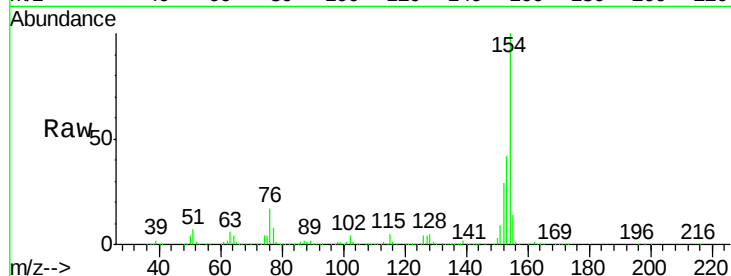
#45
 1,1'-Biphenyl
 Concen: 36.95 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	17.1	57.1
76	16.8	0.0	31.6

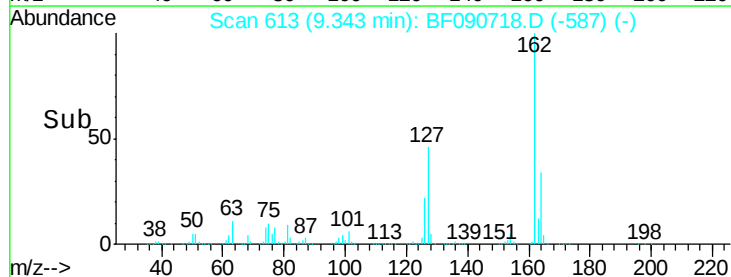
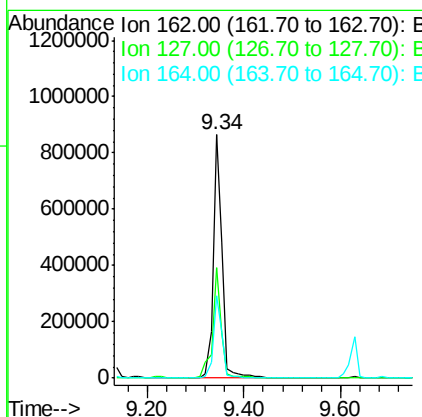
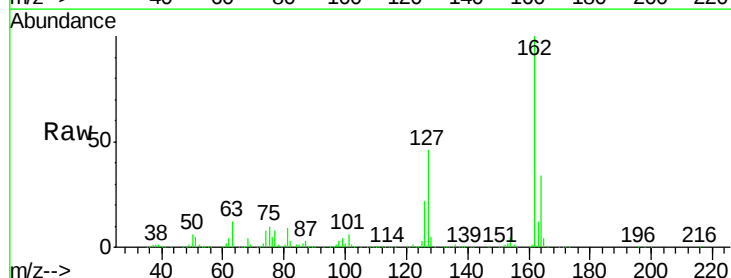
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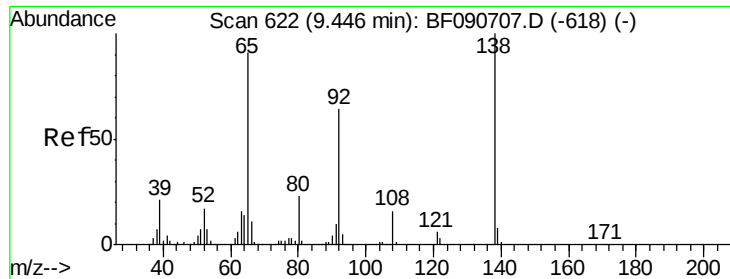
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#46
 2-Chloronaphthalene
 Concen: 37.30 ng
 RT: 9.34 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.6	27.6	41.4#
164	33.6	25.4	38.2





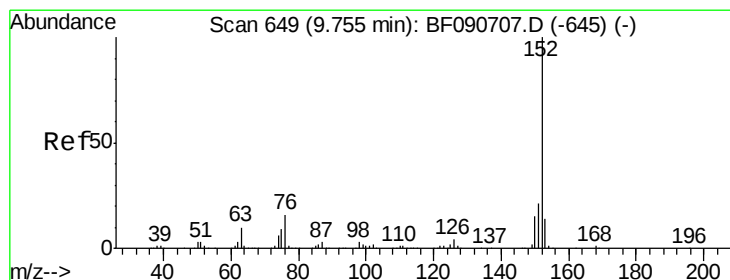
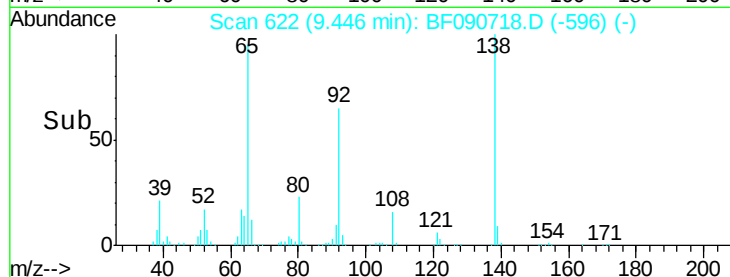
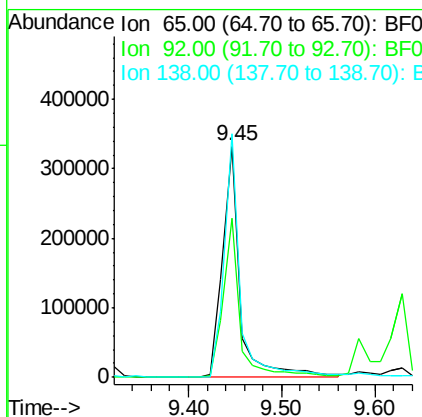
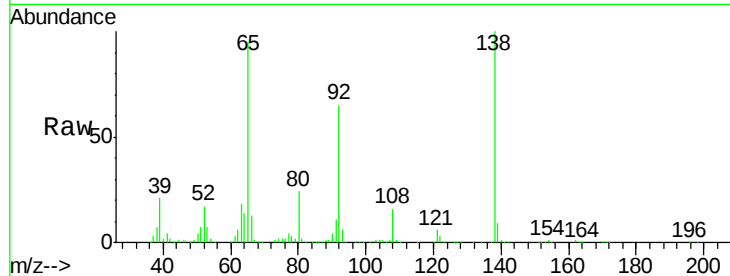
#47
2-Nitroaniline
Concen: 42.90 ng
RT: 9.45 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.8	55.4	83.0
138	105.4	115.5	173.3

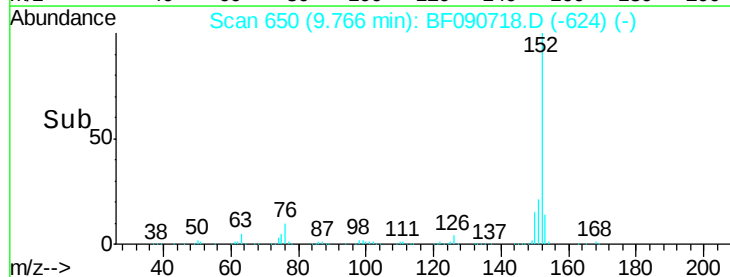
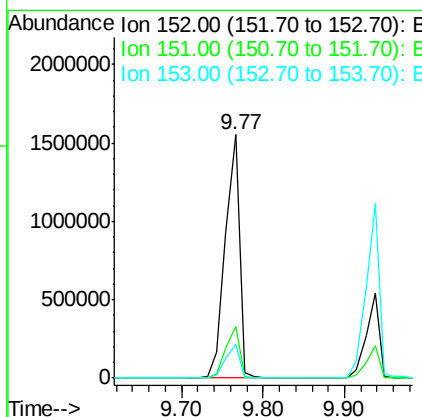
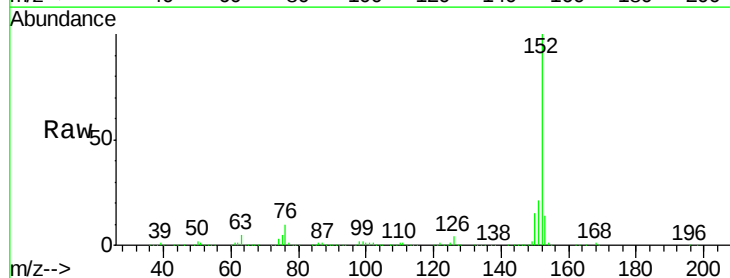
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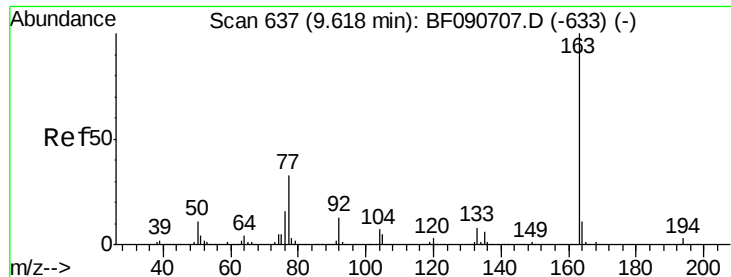
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#48
Acenaphthylene
Concen: 40.26 ng
RT: 9.77 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	14.6	22.0
153	13.7	10.3	15.5





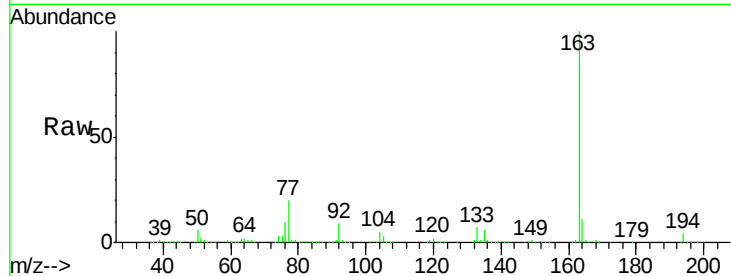
#49
Dimethylphthalate
Concen: 42.53 ng
RT: 9.63 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

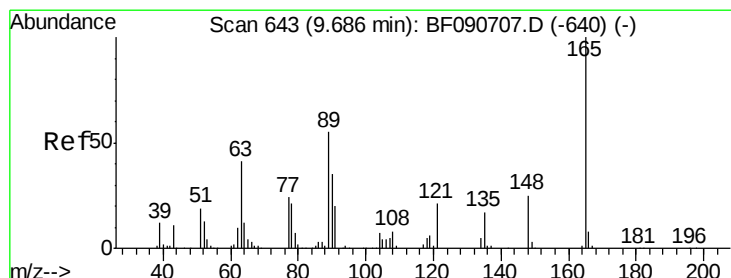
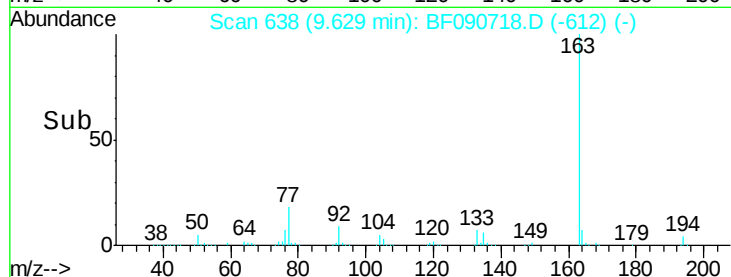
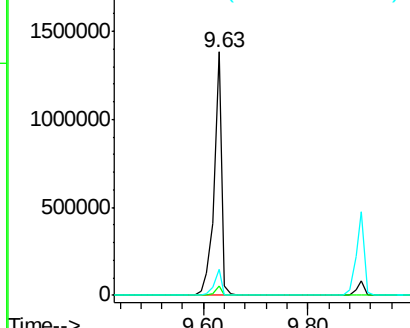
Tot Ion:163 Resp: 1390479
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 10.6 8.3 12.5

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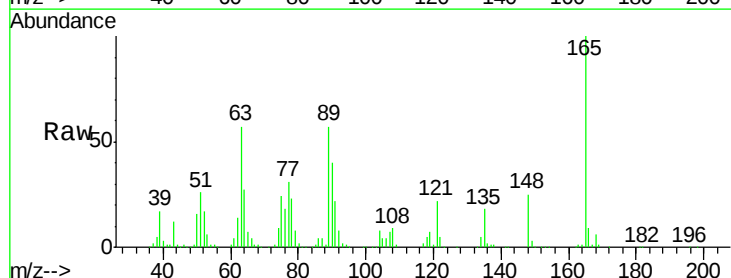


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

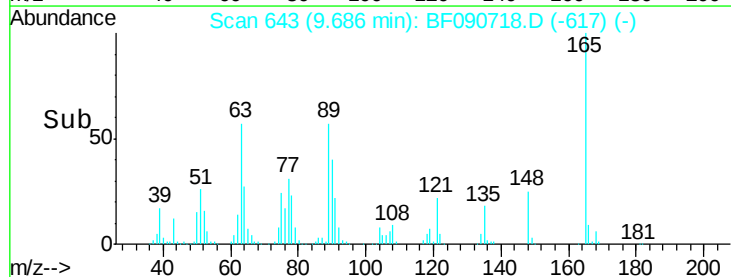
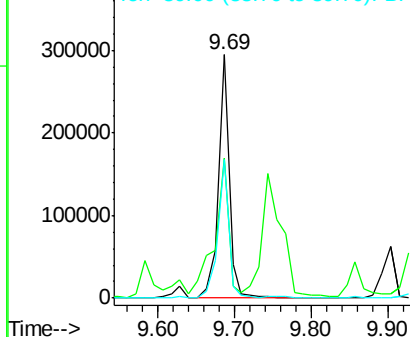


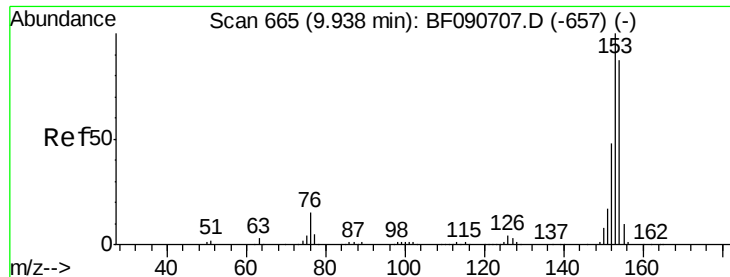
#50
2,6-Dinitrotoluene
Concen: 41.12 ng
RT: 9.69 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion:165 Resp: 289040
Ion Ratio Lower Upper
165 100
63 57.3 32.3 48.5#
89 57.0 28.6 43.0#



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





#51

Acenaphthene

Concen: 39.31 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1209064

Ion Ratio Lower Upper

154 100

153 113.3 82.1 123.1

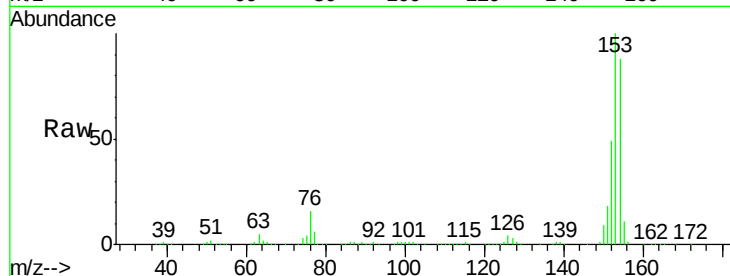
152 55.1 37.9 56.9

Manual Integrations

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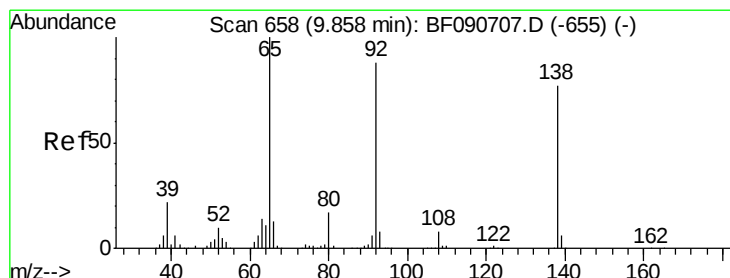
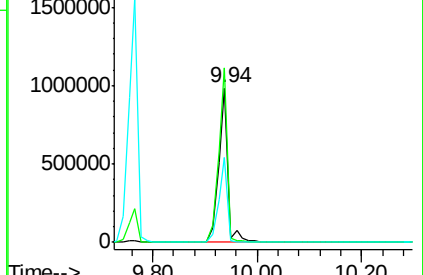
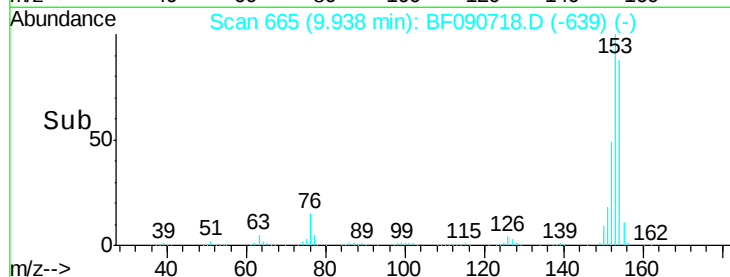
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.88 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

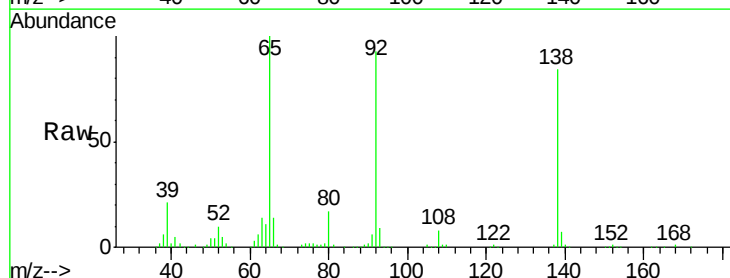
Tgt Ion:138 Resp: 322232

Ion Ratio Lower Upper

138 100

108 9.6 5.7 8.5#

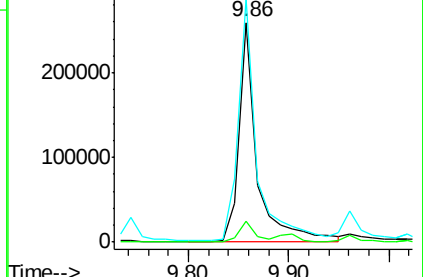
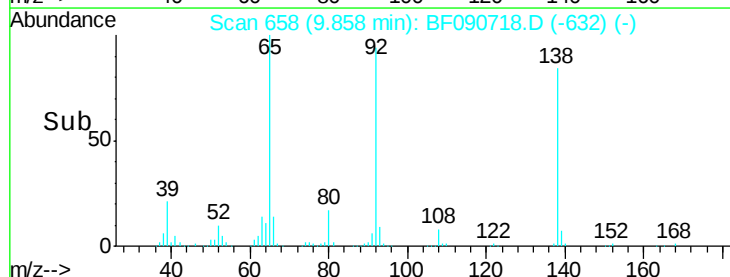
92 110.8 67.7 101.5#

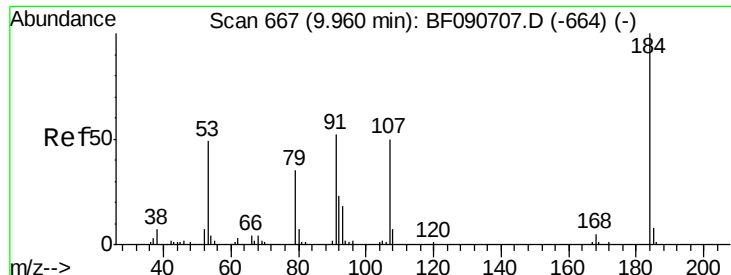


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





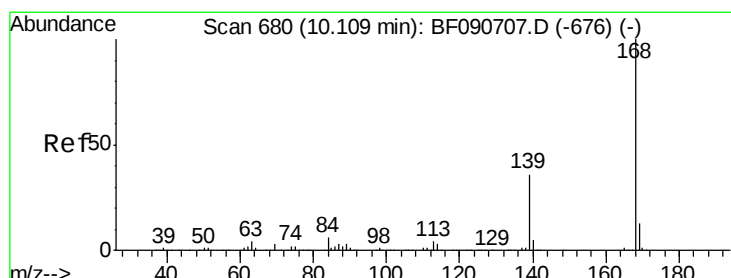
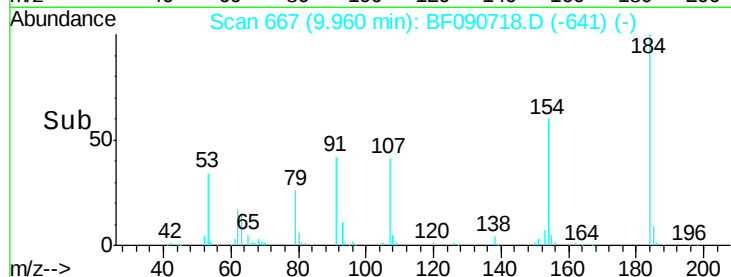
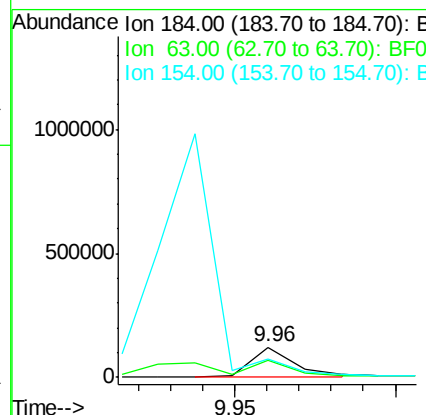
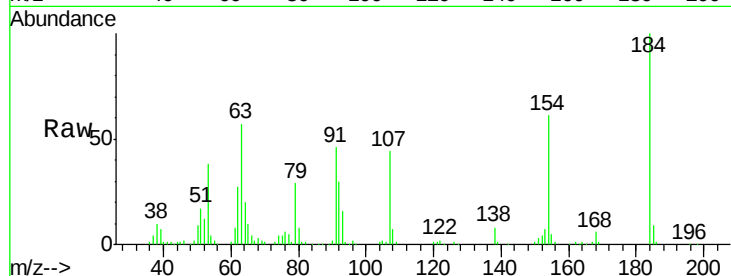
#53
2,4-Dinitrophenol
Concen: 39.76 ng/ml
RT: 9.96 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.0	35.4	53.2
154	61.1	32.2	48.4

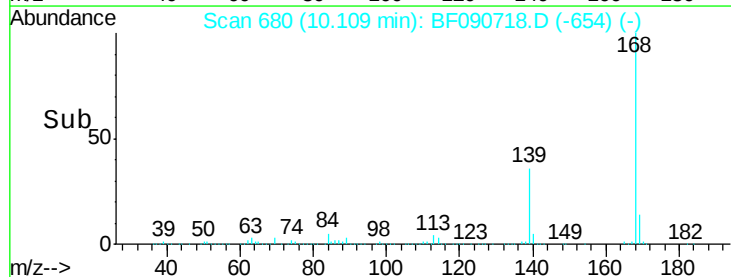
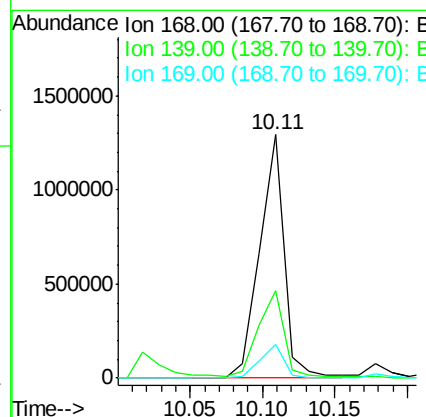
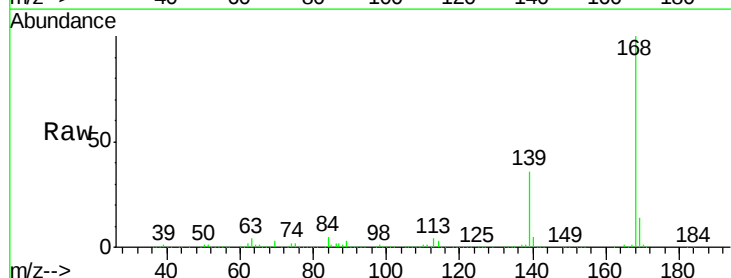
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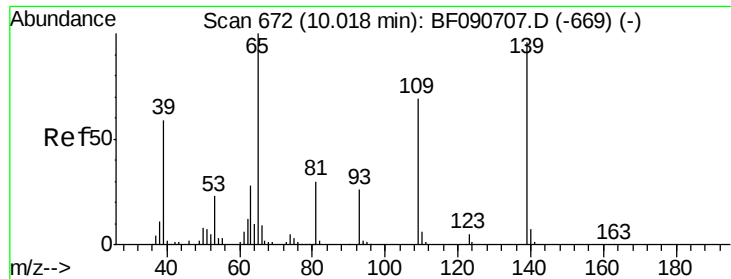
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#54
Dibenzofuran
Concen: 40.53 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

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





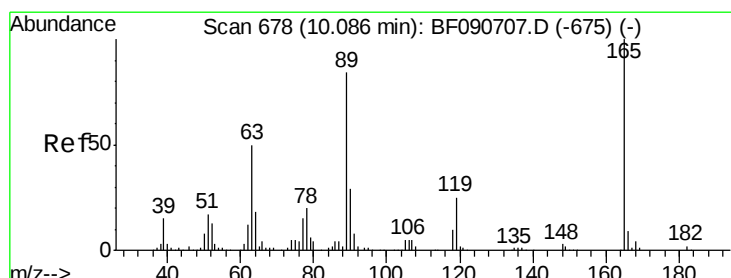
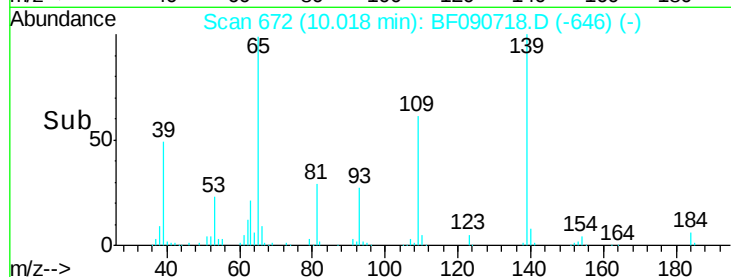
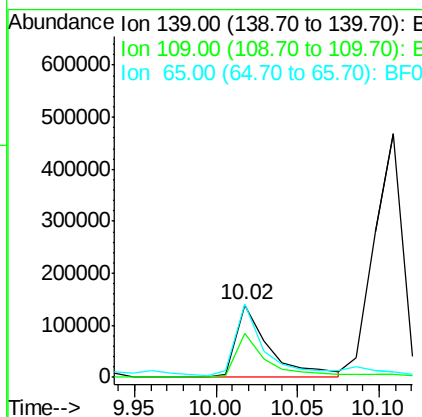
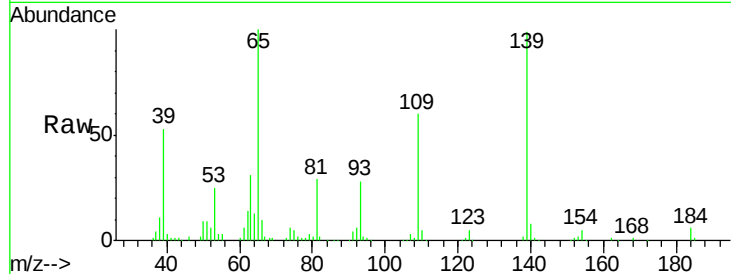
#55
4-Nitrophenol
Concen: 41.80 ng
RT: 10.02 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	192321		
109	60.7	12.7	52.7#	
65	100.5	45.9	85.9#	

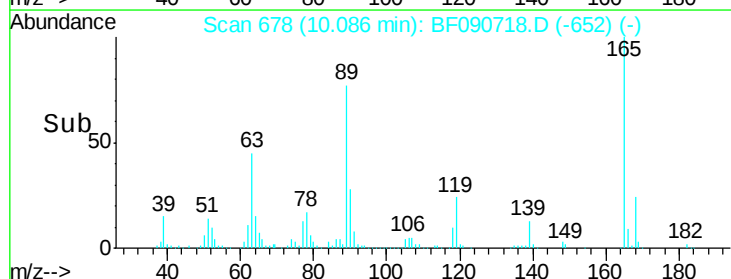
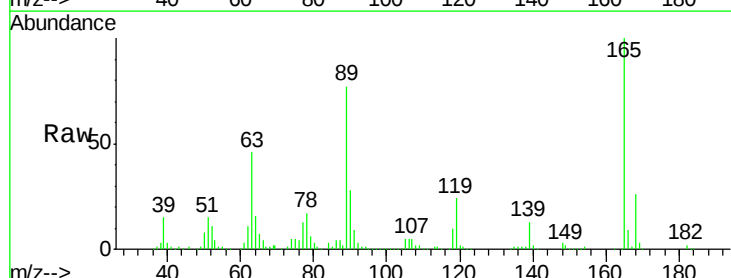
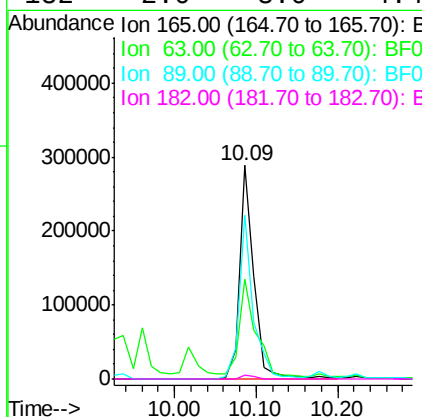
Manual Integrations
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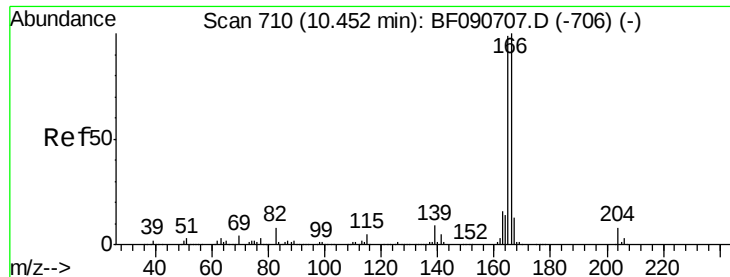
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#56
2,4-Dinitrotoluene
Concen: 41.02 ng
RT: 10.09 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	352473		
63	46.5	29.8	44.6#	
89	76.6	44.5	66.7#	
182	2.0	3.0	4.4#	





#57

Fluorene

Concen: 40.47 ng

RT: 10.45 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1249638

Ion Ratio Lower Upper

166 100

165 98.8 72.6 109.0

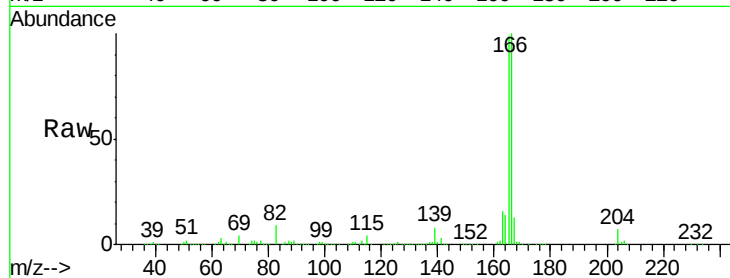
167 13.3 10.6 16.0

Manual Integrations

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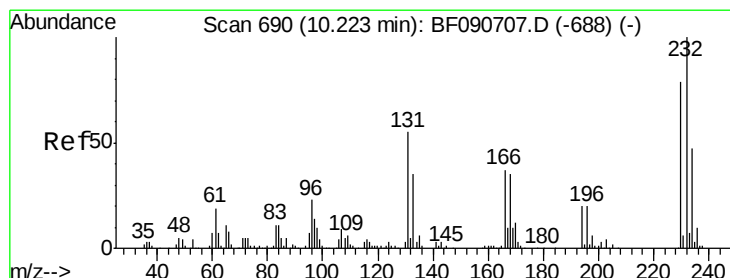
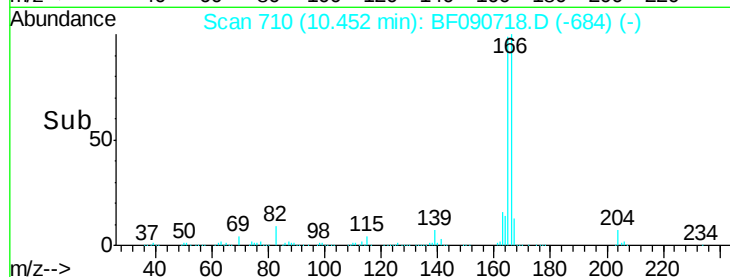
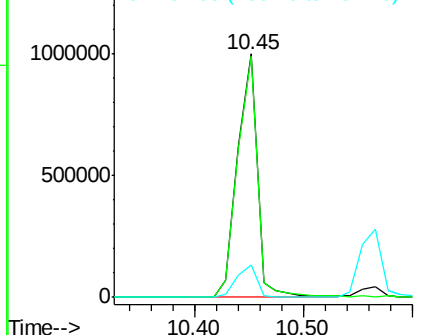
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.78 ng

RT: 10.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Tgt Ion:232 Resp: 331477

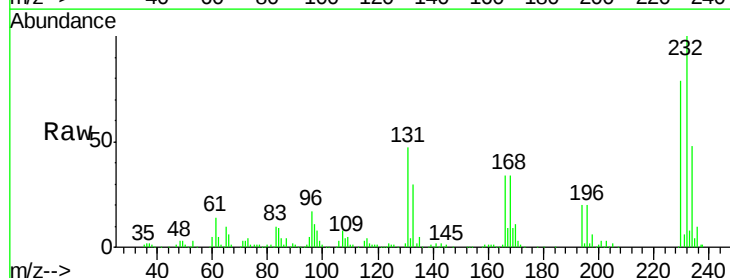
Ion Ratio Lower Upper

232 100

131 45.9 38.5 57.7

130 2.0 1.8 2.6

166 30.8 25.0 37.6

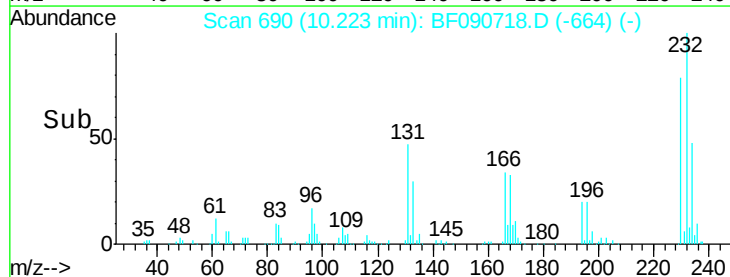
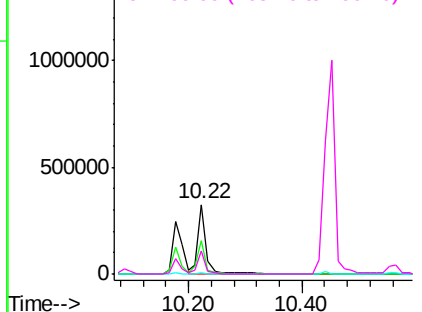


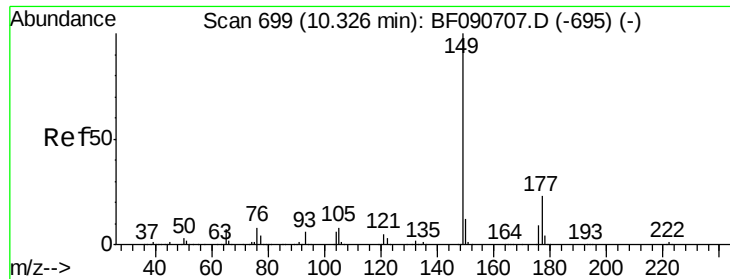
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





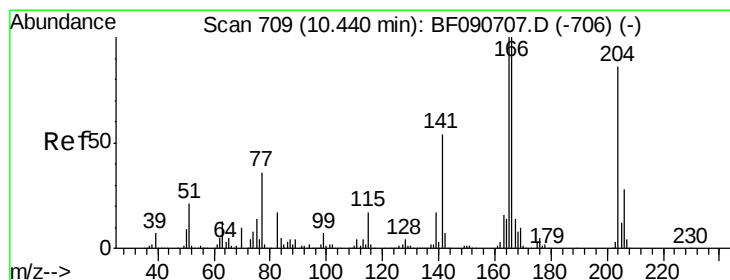
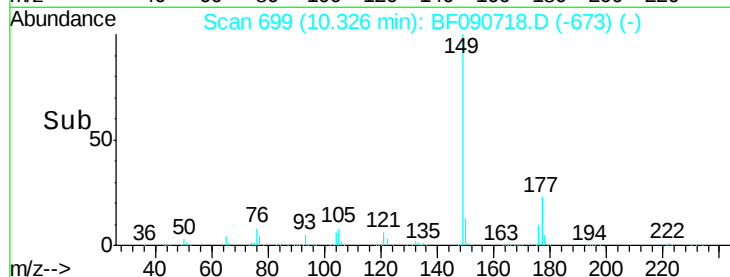
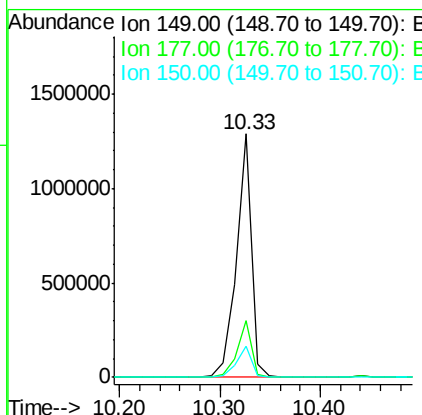
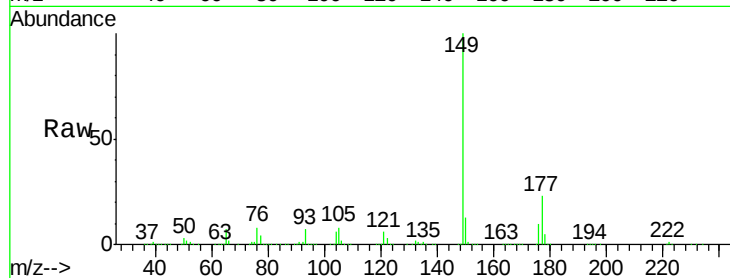
#59
Diethylphthalate
Concen: 39.55 ng
RT: 10.33 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.5	26.3
150	13.0	9.4	14.2

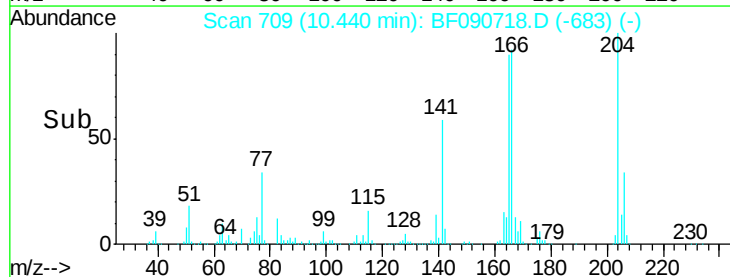
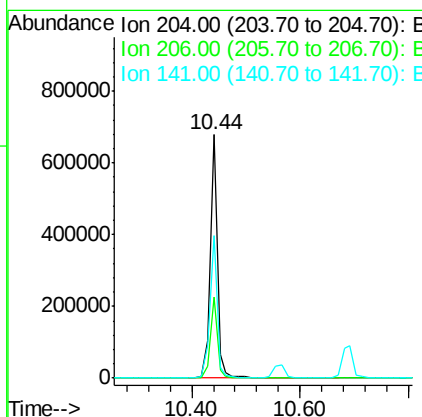
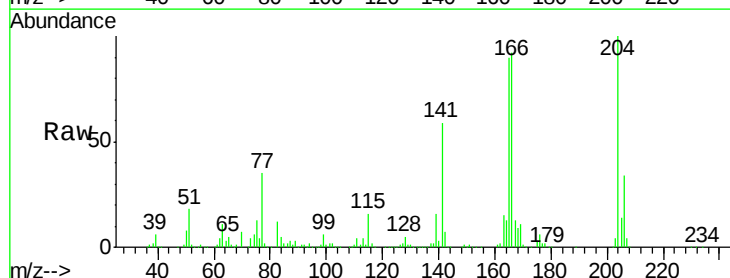
Manual Integrations
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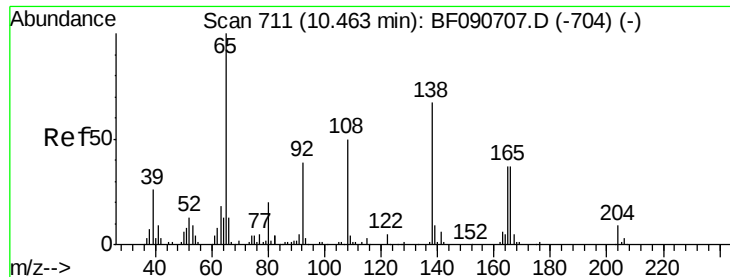
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.87 ng
RT: 10.44 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	24.8	37.2
141	58.6	42.2	63.4





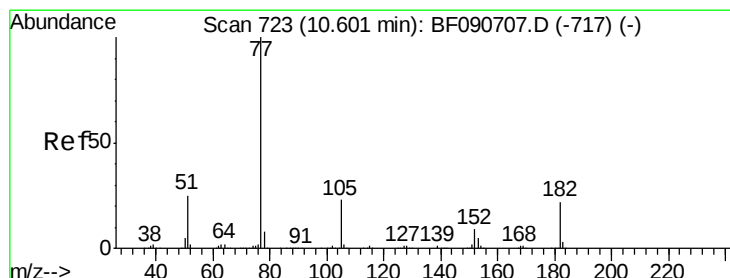
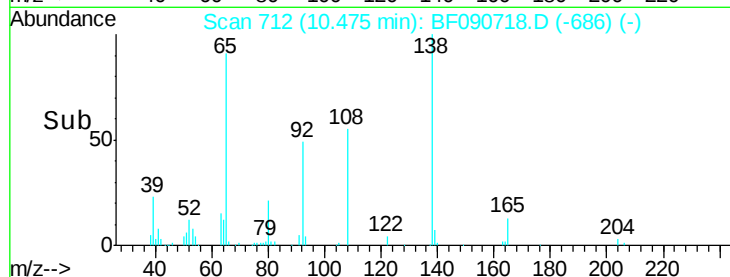
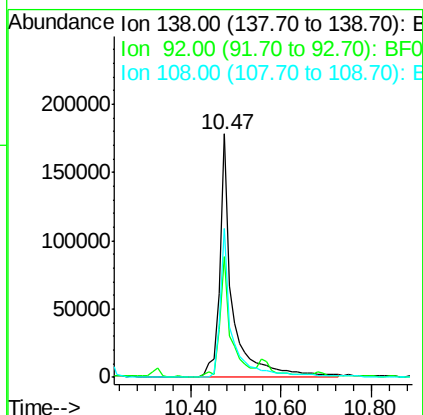
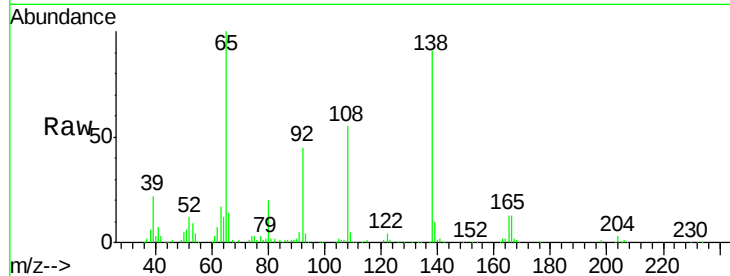
#61
4-Nitroaniline
Concen: 41.78 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.4	12.6	52.6
108	61.2	12.4	52.4

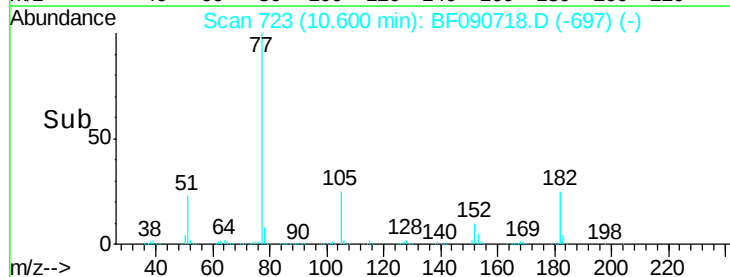
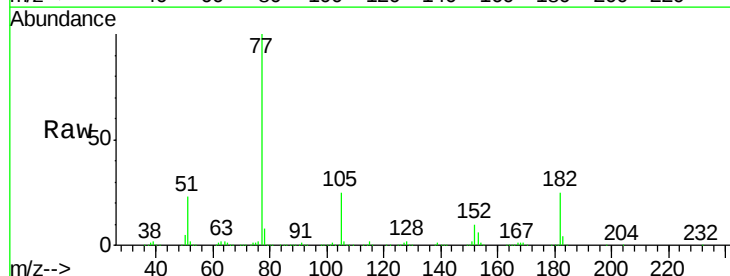
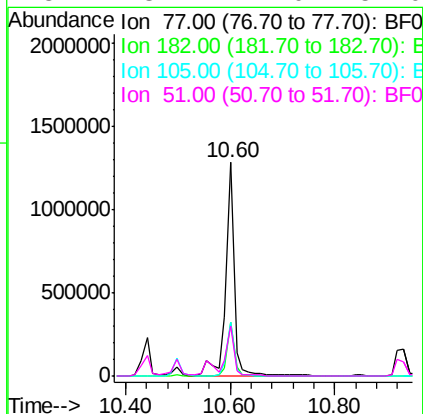
Manual Integrations
APPROVED

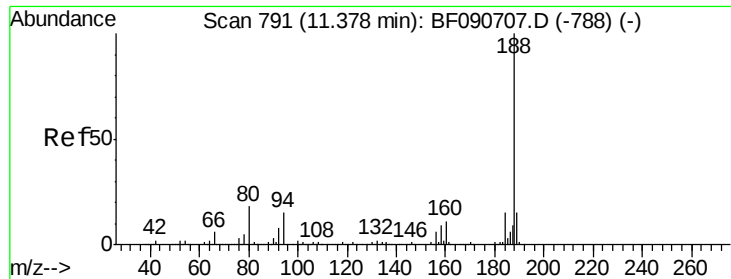
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#62
Azobenzene
Concen: 36.19 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	15.1	55.1
105	25.5	3.4	43.4
51	23.2	12.0	52.0





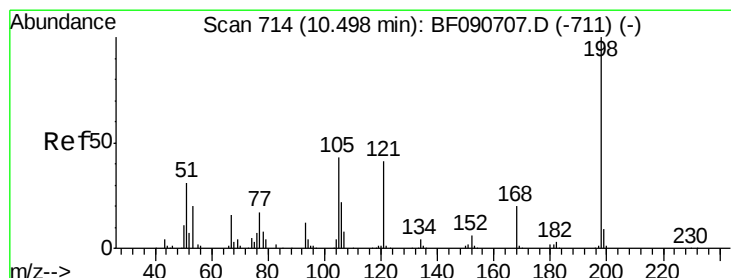
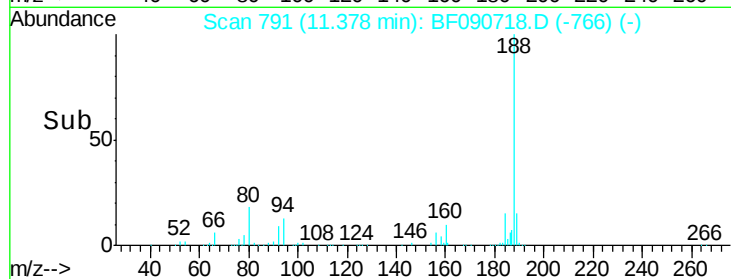
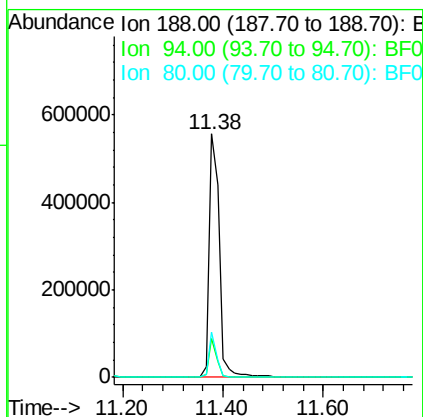
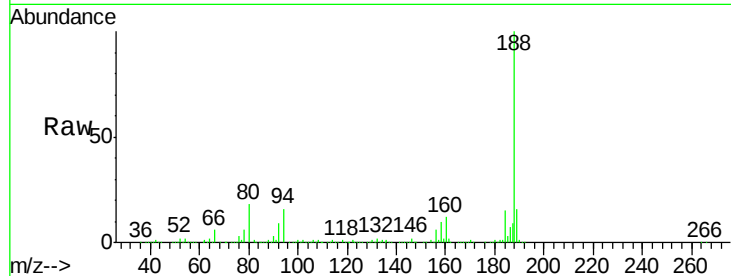
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	15.9	11.1	16.7
80	18.4	11.0	16.4

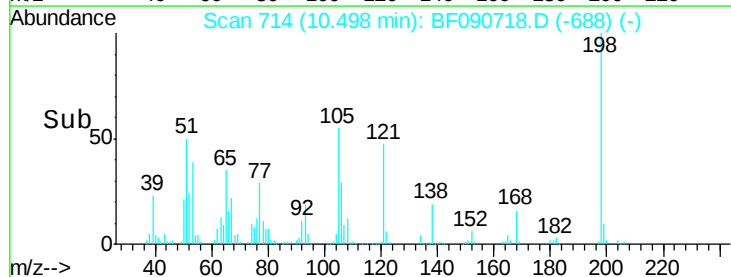
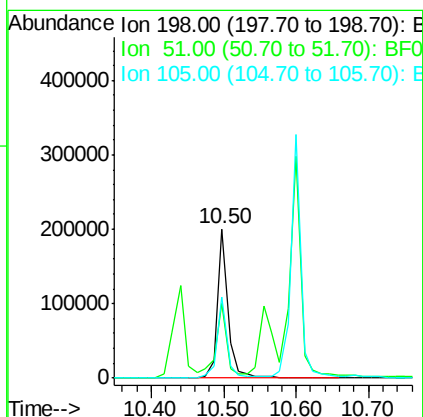
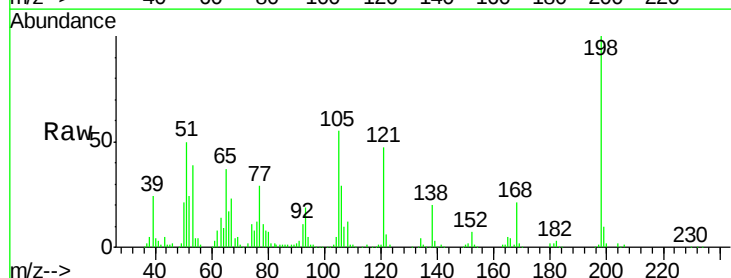
Manual Integrations
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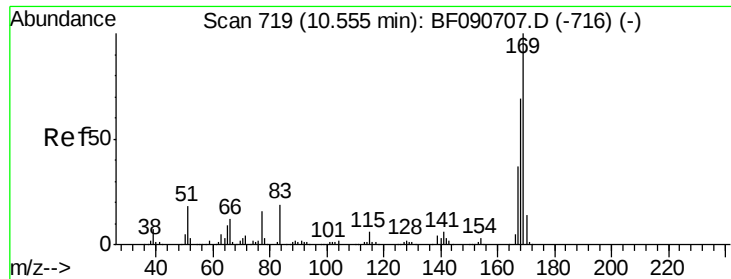
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.07 ng
RT: 10.50 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	50.2	39.6	79.6
105	54.6	28.5	68.5





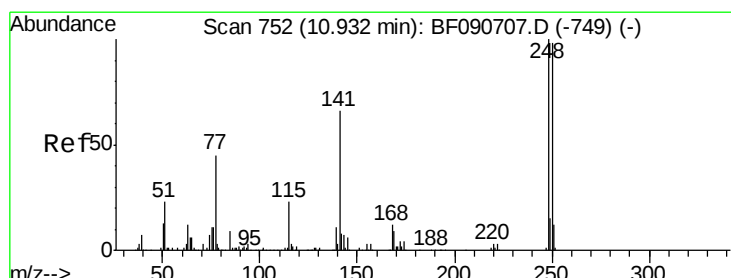
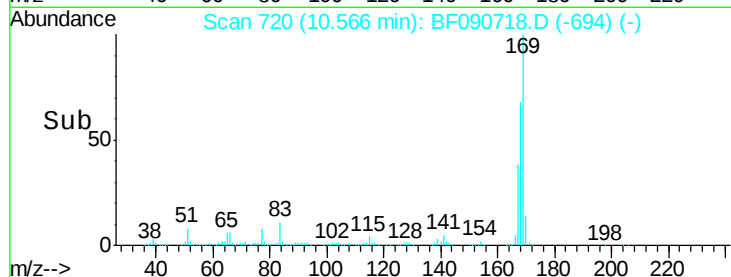
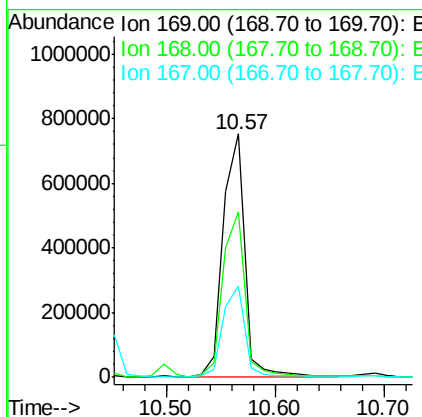
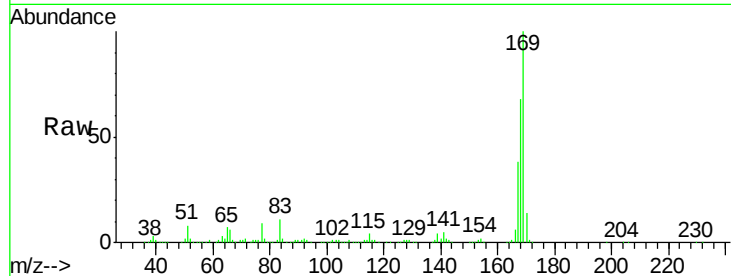
#65
n-Nitrosodiphenylamine
Concen: 42.06 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 1049239
Ion Ratio Lower Upper
169 100
168 68.2 48.9 73.3
167 37.6 26.2 39.4

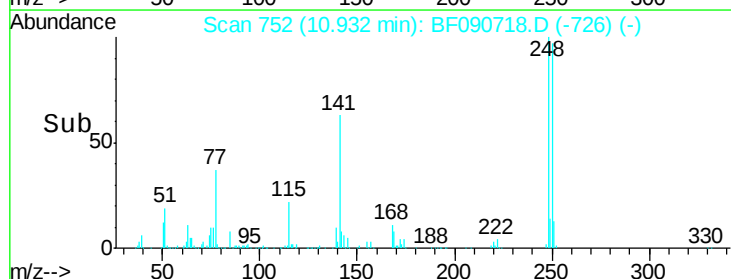
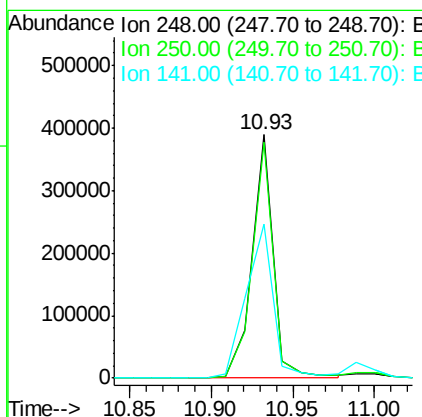
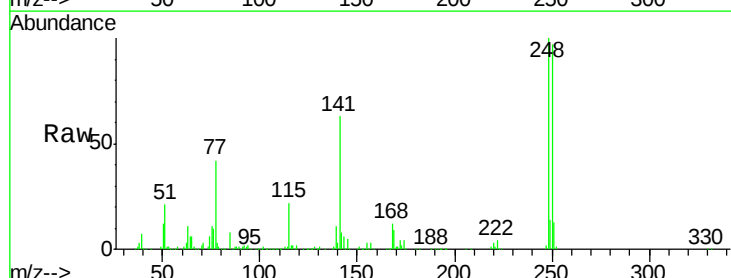
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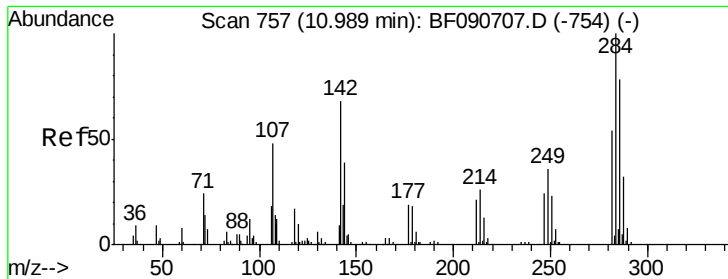
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#66
4-Bromophenyl-phenylether
Concen: 46.77 ng
RT: 10.93 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion:248 Resp: 353041
Ion Ratio Lower Upper
248 100
250 97.1 78.5 117.7
141 63.3 59.0 88.6





#67

Hexachlorobenzene

Concen: 45.33 ng

RT: 11.00 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

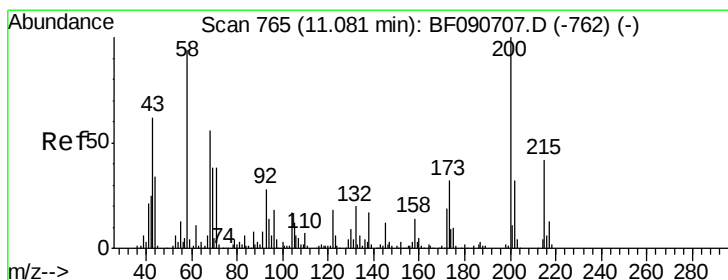
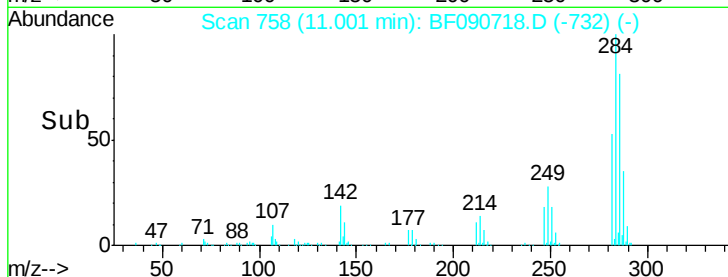
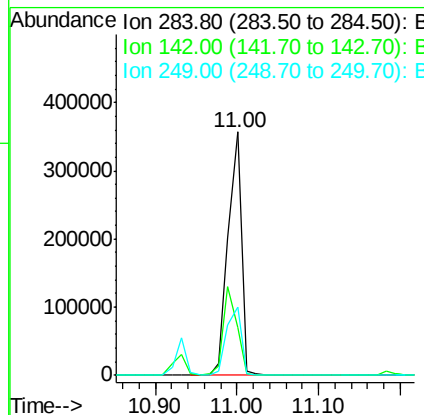
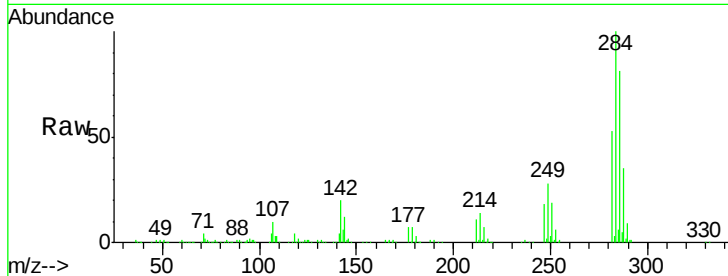
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	403787		
142	19.6		29.5	44.3#
249	28.3		19.5	29.3

Manual Integrations
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#68

Atrazine

Concen: 47.83 ng

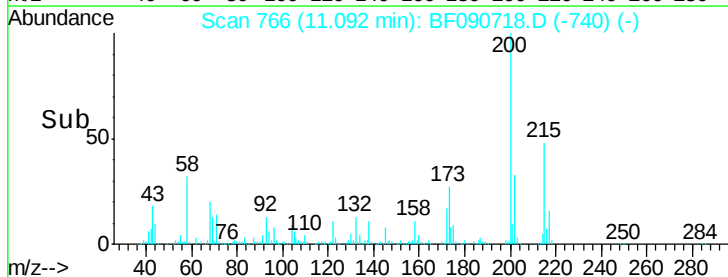
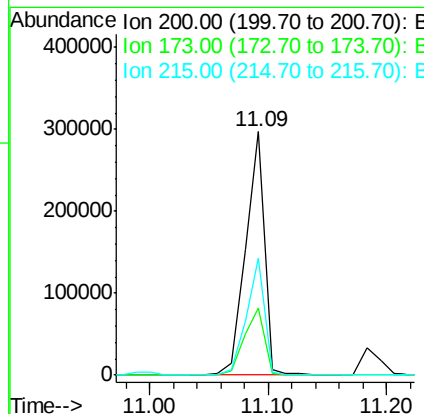
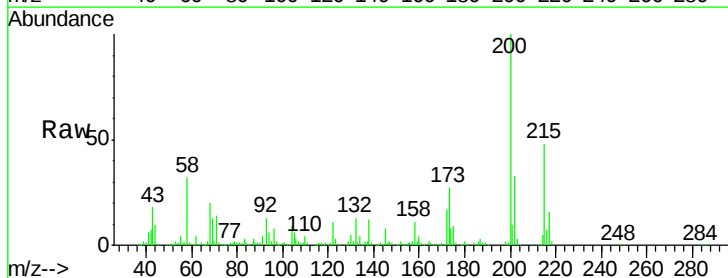
RT: 11.09 min Scan# 766

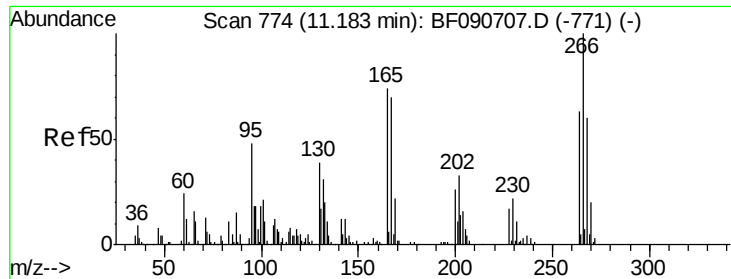
Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	329289		
173	27.5		13.2	53.2
215	48.1		41.8	81.8





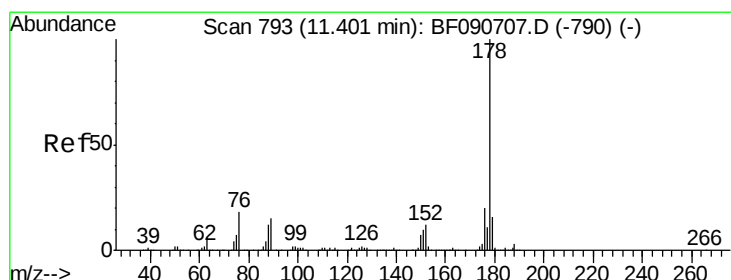
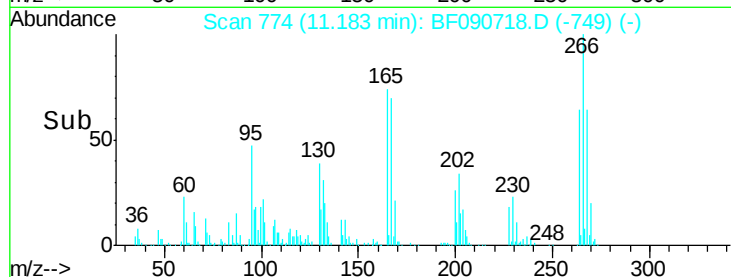
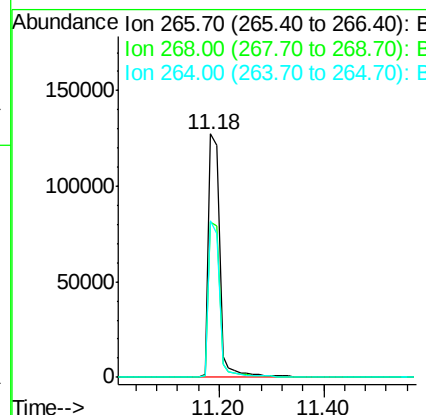
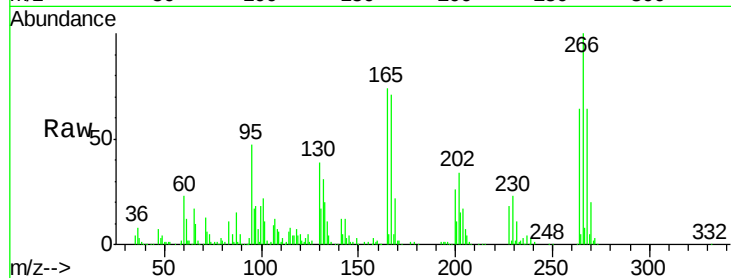
#69
 Pentachlorophenol
 Concen: 42.55 ng
 RT: 11.18 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	49.8	74.6
264	64.5	50.2	75.2

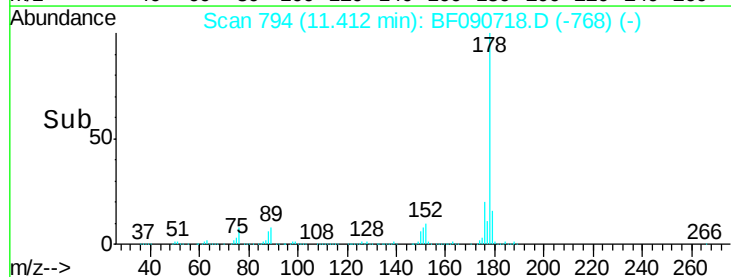
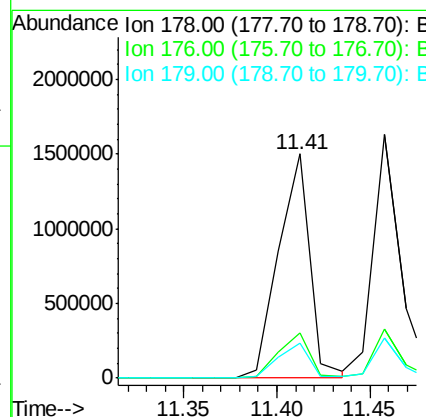
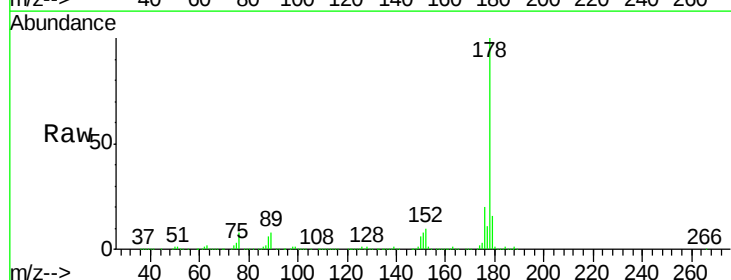
Manual Integrations
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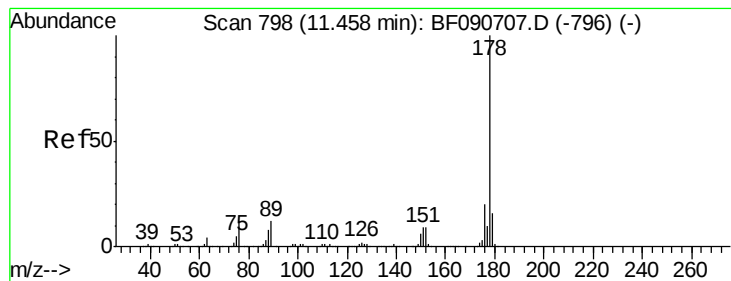
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#70
 Phenanthrene
 Concen: 44.02 ng
 RT: 11.41 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	13.8	20.8
179	15.8	12.2	18.2





#71

Anthracene

Concen: 39.23 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1726475

Ion Ratio Lower Upper

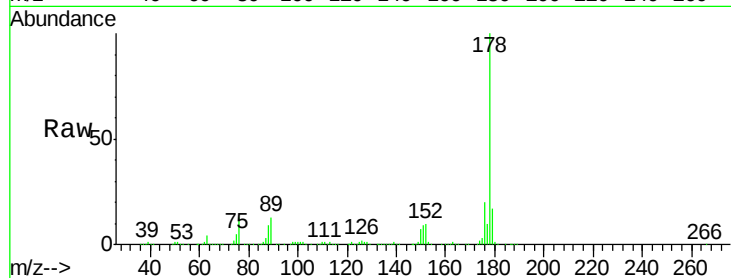
178 100

176 20.4 14.1 21.1

179 16.7 12.2 18.2

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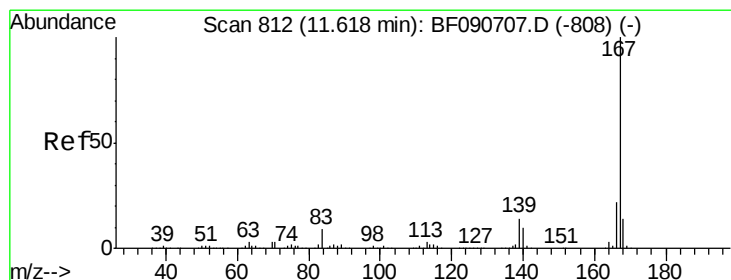
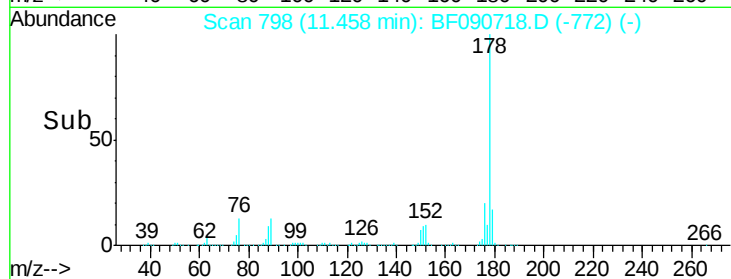
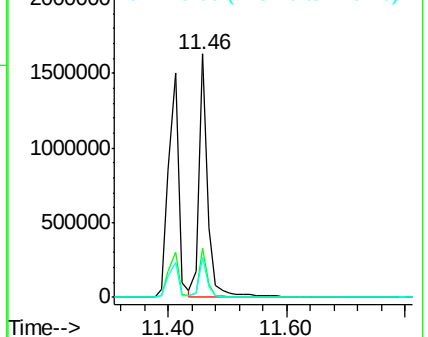
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.61 ng

RT: 11.62 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

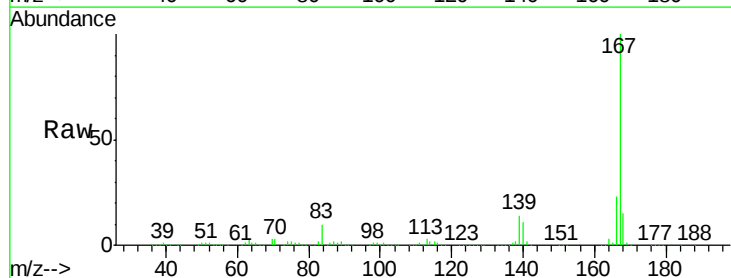
Tgt Ion:167 Resp: 1641643

Ion Ratio Lower Upper

167 100

166 22.6 15.7 23.5

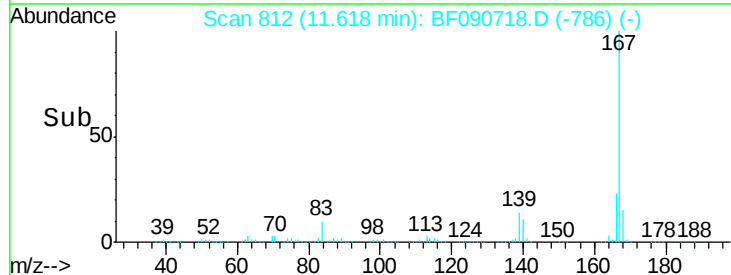
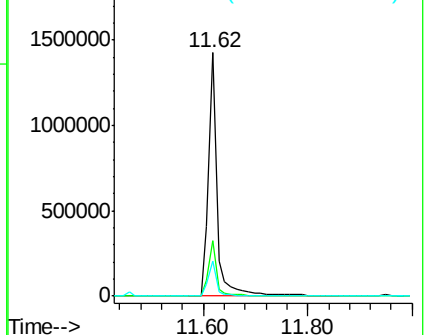
139 14.2 9.5 14.3

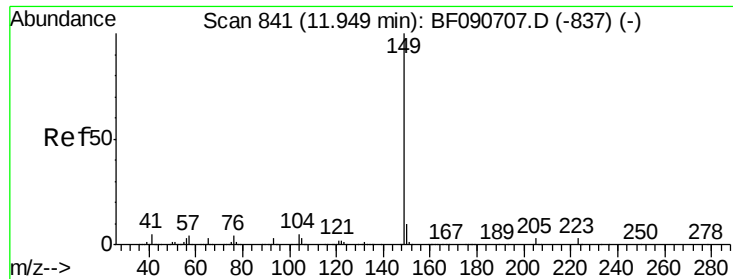


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.17 ng

RT: 11.95 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2108135

Ion Ratio Lower Upper

149 100

150 10.2 7.4 11.2

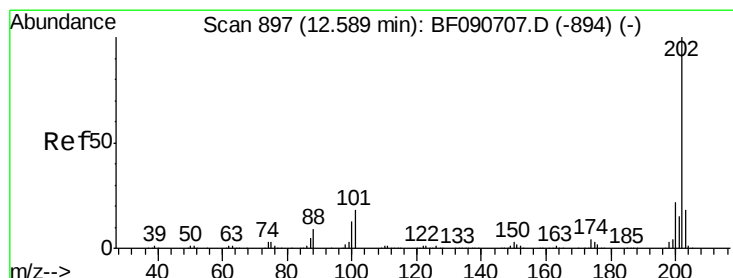
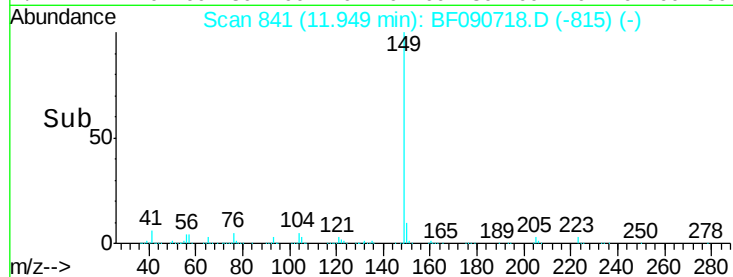
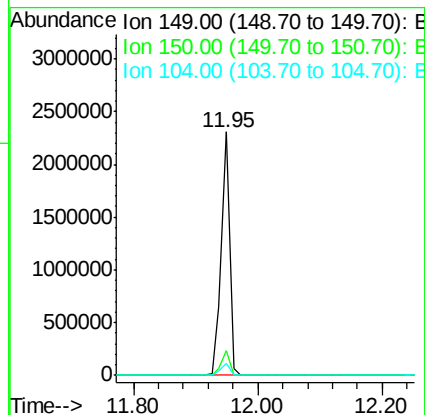
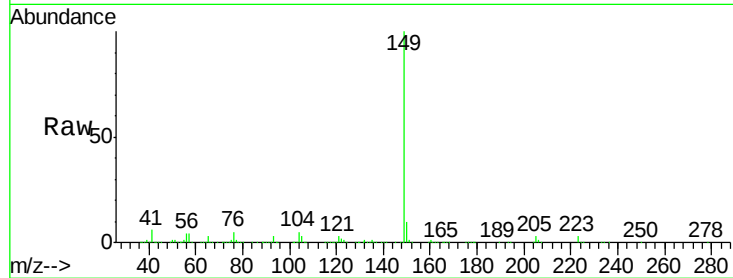
104 5.1 2.4 3.6#

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#74

Fluoranthene

Concen: 42.14 ng

RT: 12.59 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

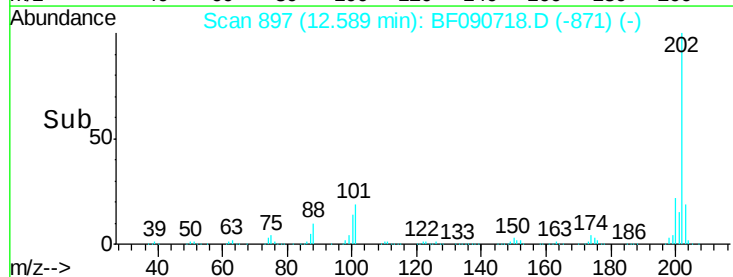
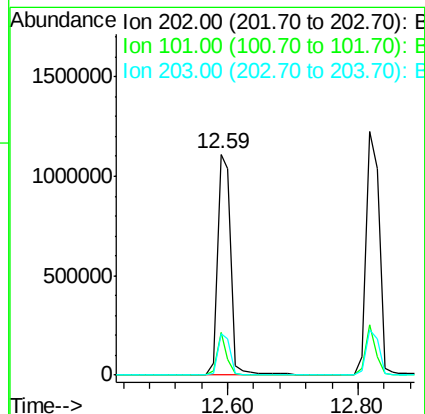
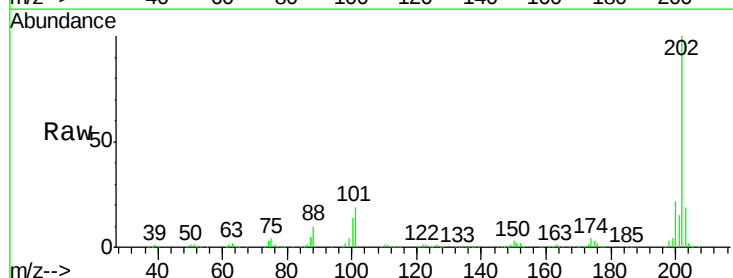
Tgt Ion:202 Resp: 1617775

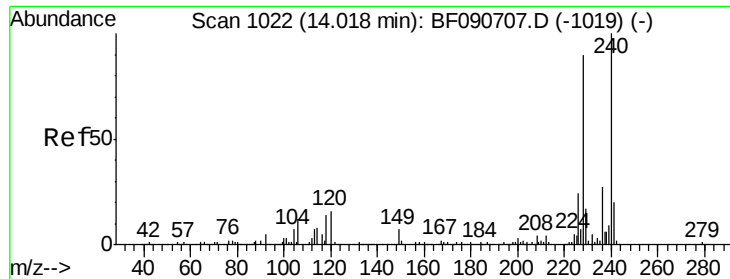
Ion Ratio Lower Upper

202 100

101 19.2 0.0 38.3

203 18.5 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

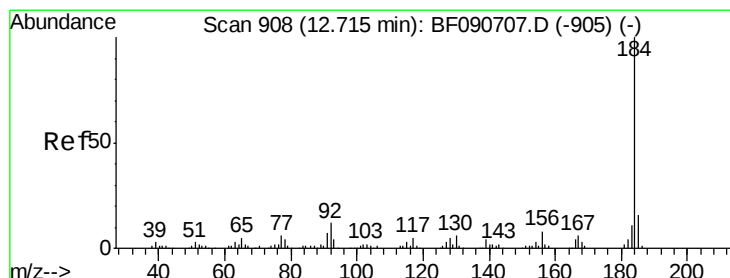
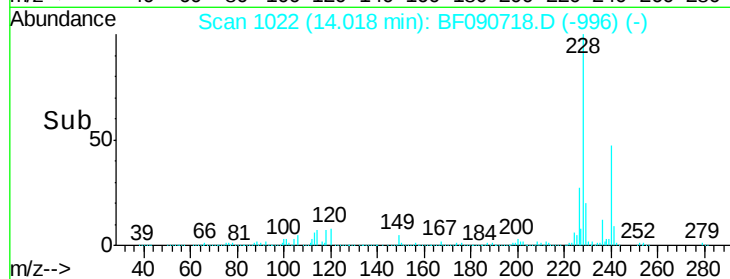
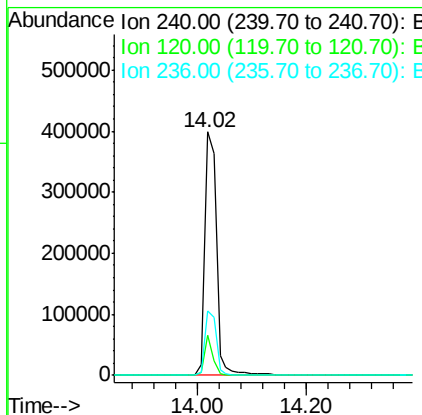
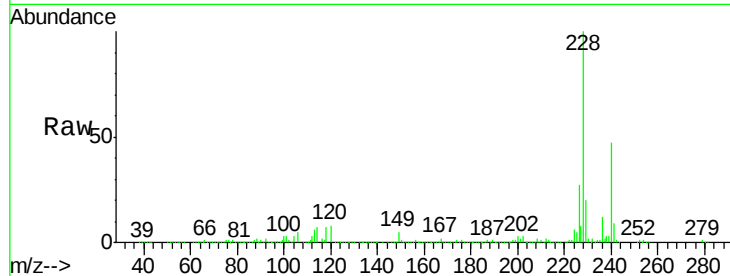
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	592236
Ion Ratio	Lower	Upper	
240	100		
120	16.2	16.2	24.2
236	26.5	18.4	27.6

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#76

Benzidine

Concen: 45.74 ng

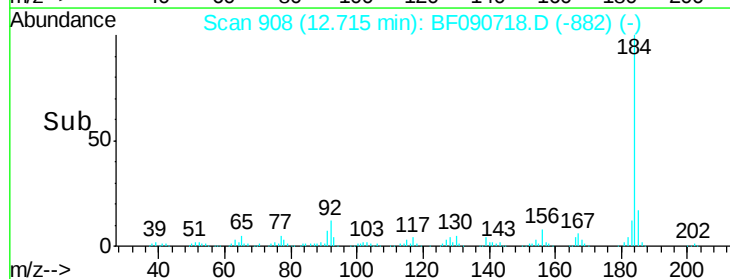
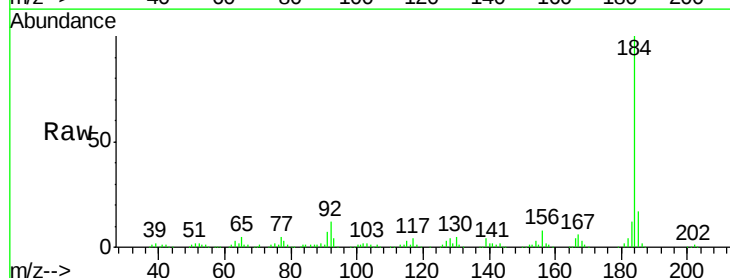
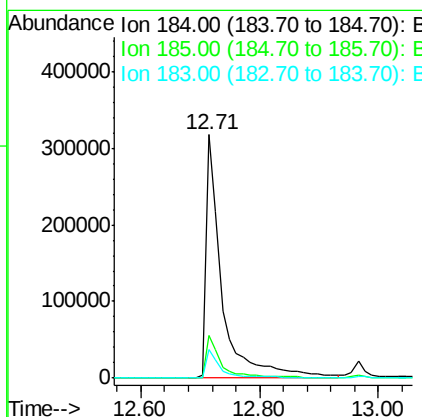
RT: 12.71 min Scan# 908

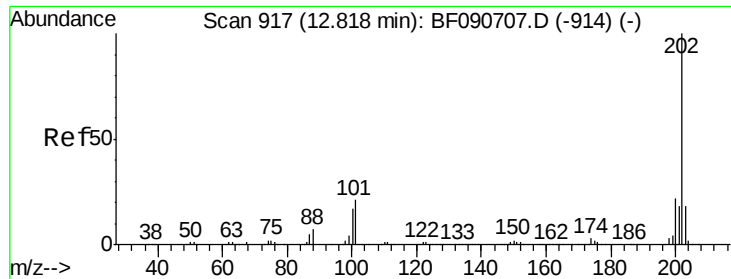
Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Tgt Ion:	184	Resp:	601508
Ion Ratio	Lower	Upper	
184	100		
185	17.5	11.8	17.6
183	11.5	7.6	11.4#





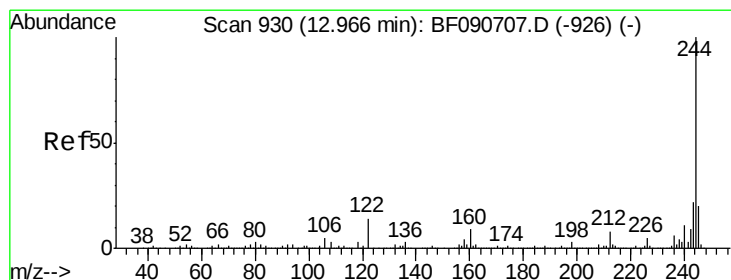
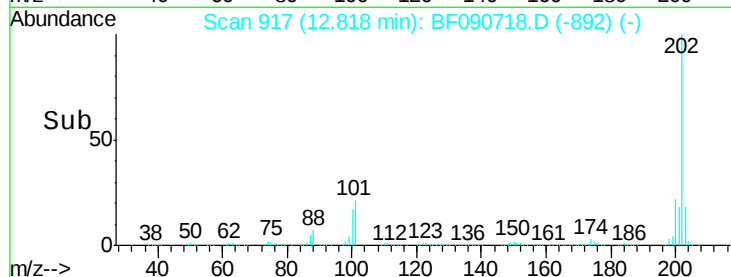
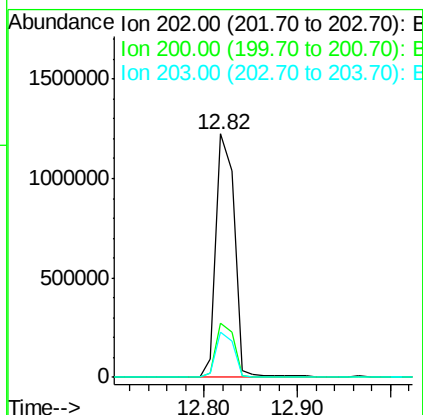
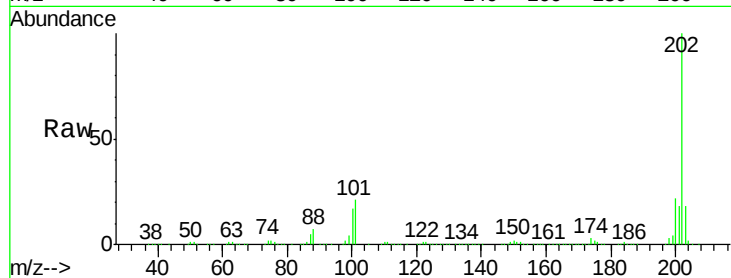
#77
Pvrene
Concen: 40.47 ng
RT: 12.82 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.0	22.4
203	18.4	14.1	21.1

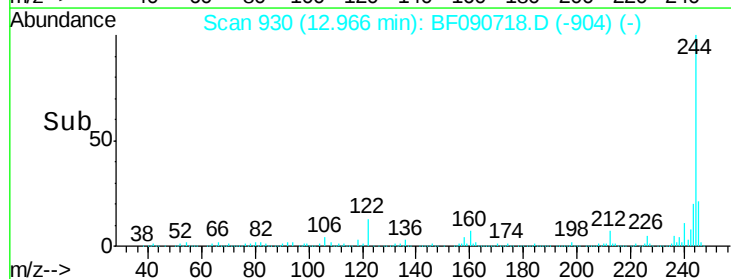
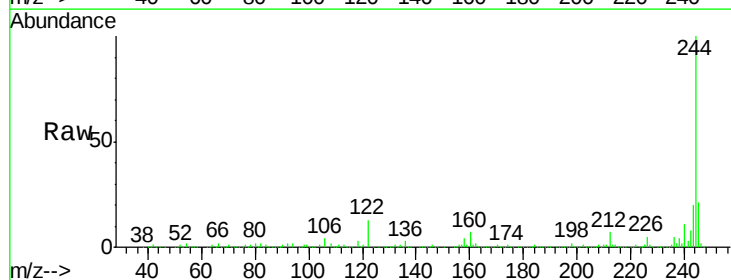
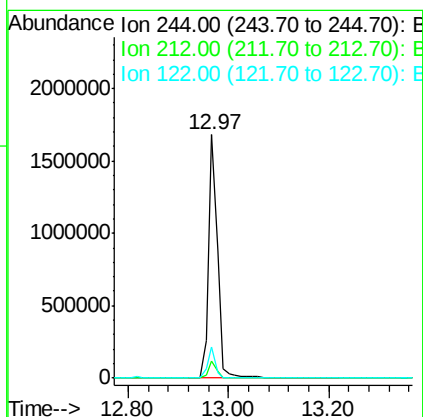
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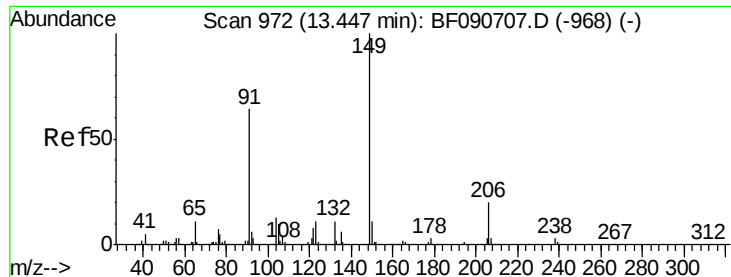
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#78
Terphenyl-d14
Concen: 81.00 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	12.9	17.4	26.2#





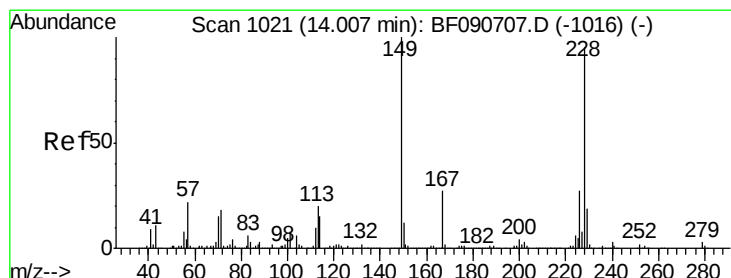
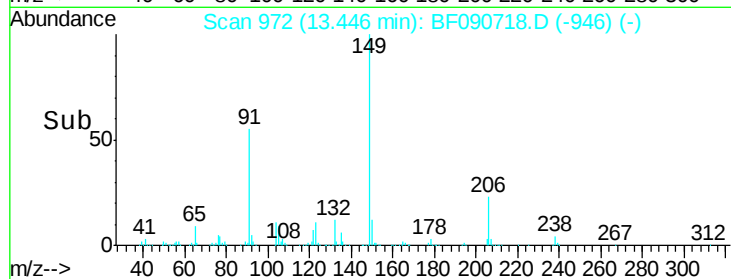
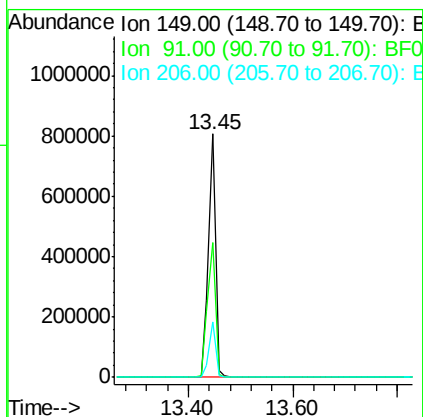
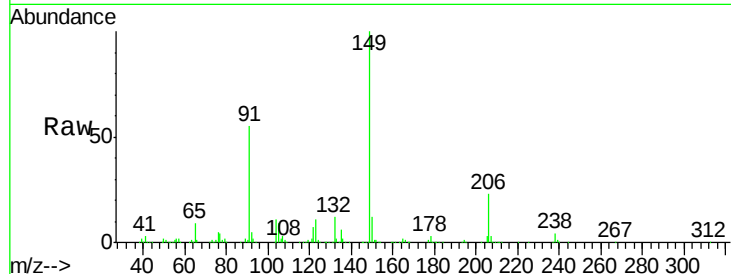
#79
Butylbenzylphthalate
Concen: 39.88 ng
RT: 13.45 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	55.3	48.6	72.8
206	22.7	14.9	22.3

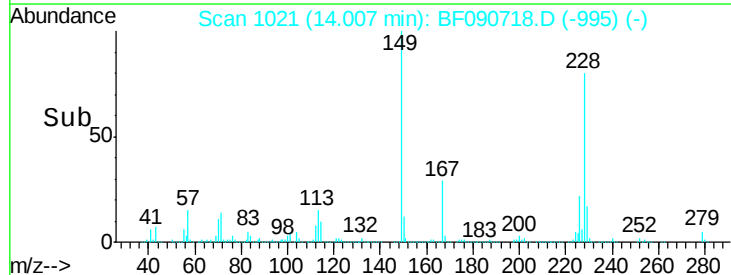
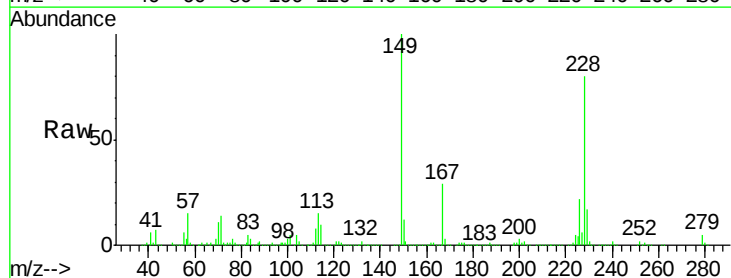
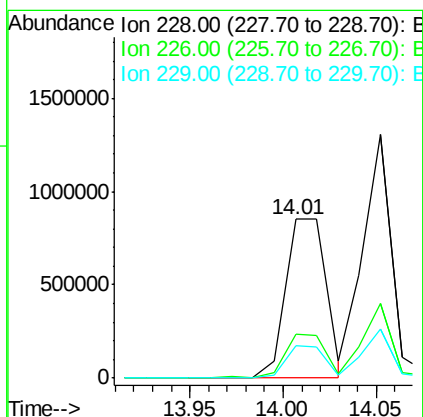
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#80
Benzo(a)anthracene
Concen: 39.98 ng
RT: 14.01 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	20.0	30.0
229	20.6	15.4	23.2





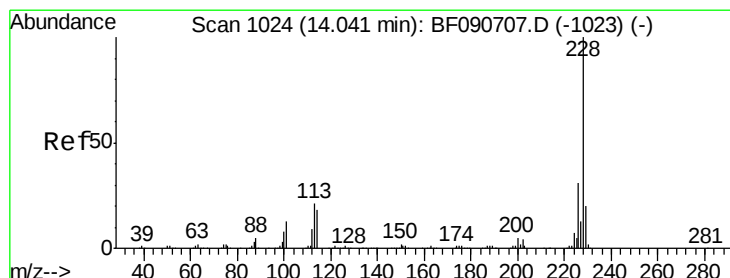
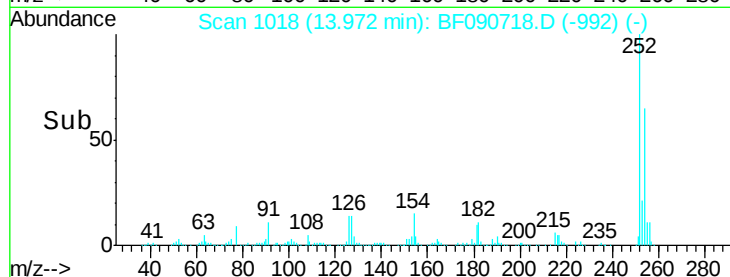
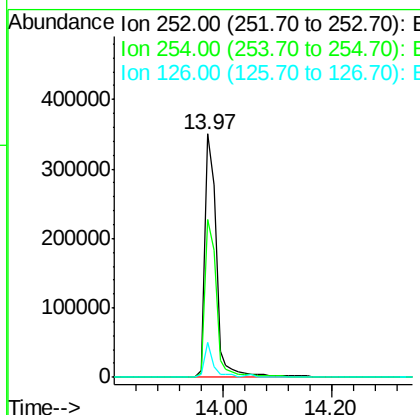
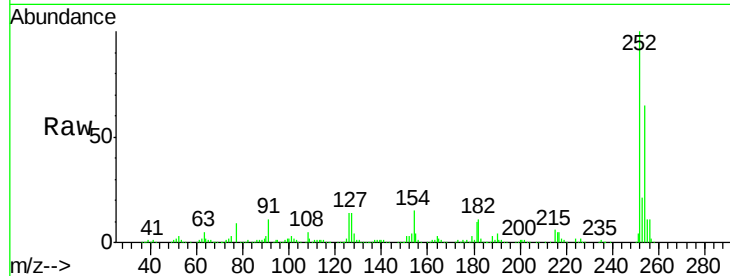
#81
 3,3'-Dichlorobenzidine
 Concen: 46.03 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	516924		
254	65.1		51.4	77.2
126	14.5		16.4	24.6

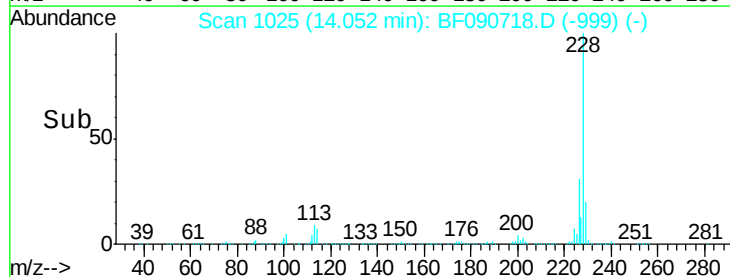
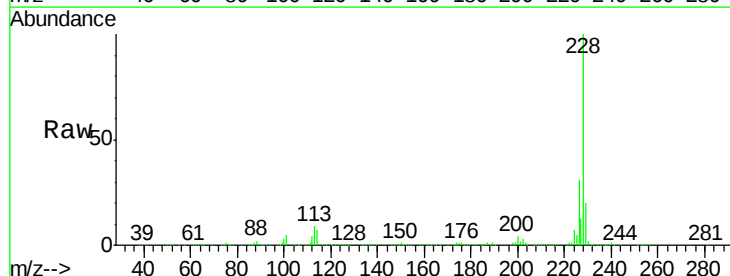
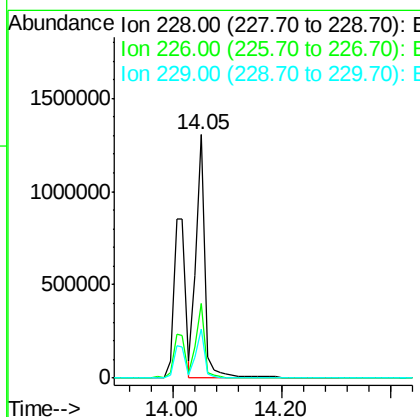
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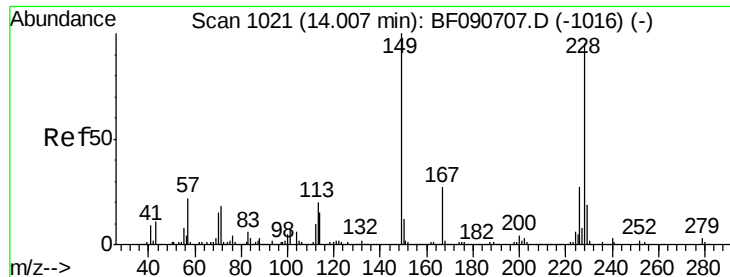
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#82
 Chrysene
 Concen: 46.27 ng
 RT: 14.05 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1463519		
226	30.7		21.0	31.4
229	20.0		15.6	23.4





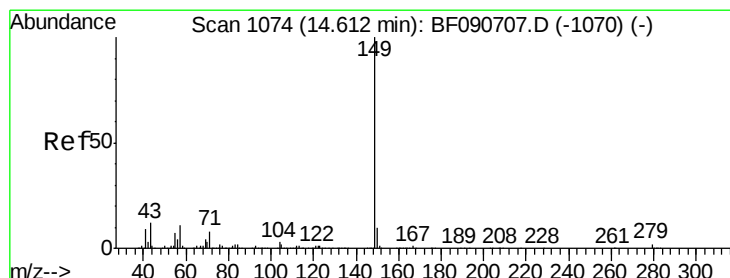
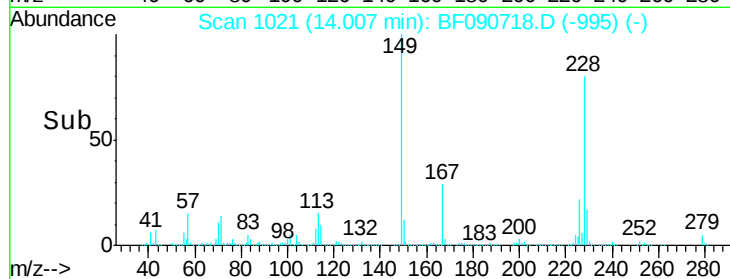
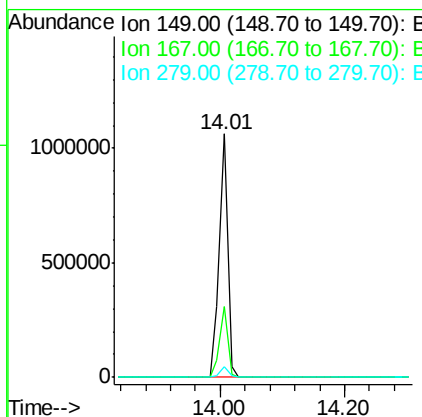
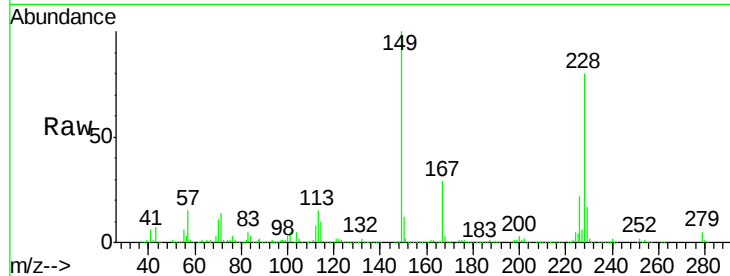
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.36 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	989146		
167	28.9		24.2	36.2
279	4.6		3.8	5.6

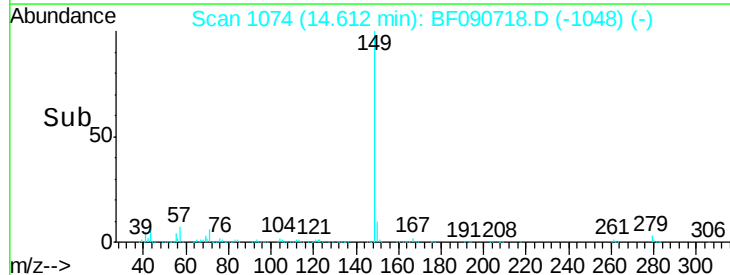
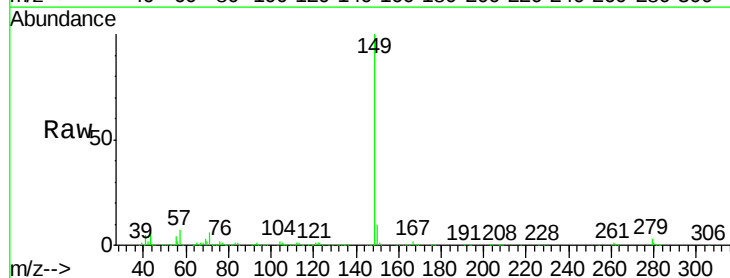
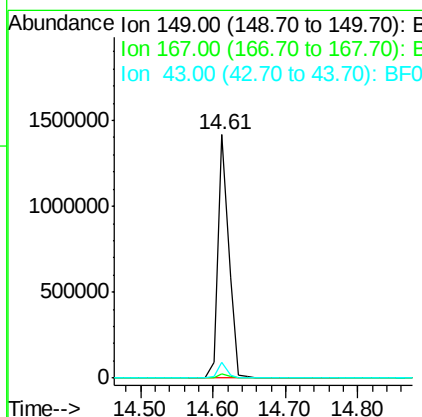
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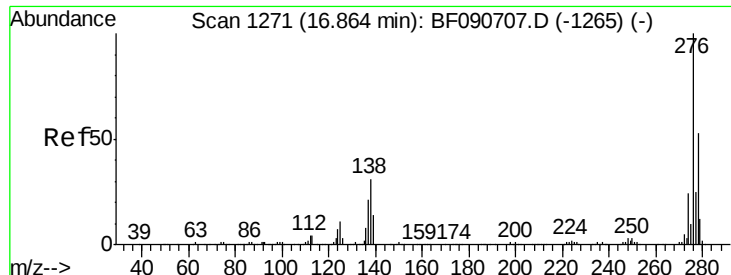
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#84
 Di-n-octyl phthalate
 Concen: 35.48 ng
 RT: 14.61 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1464766		
167	1.6		1.0	1.6#
43	5.8		10.2	15.2#





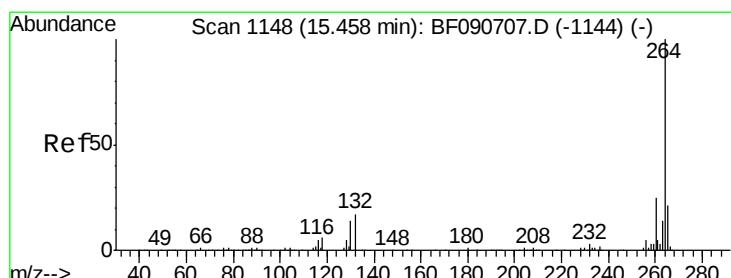
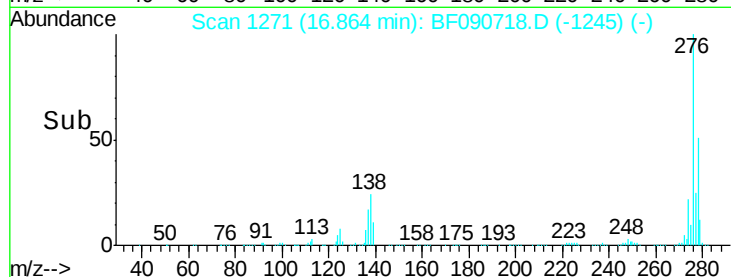
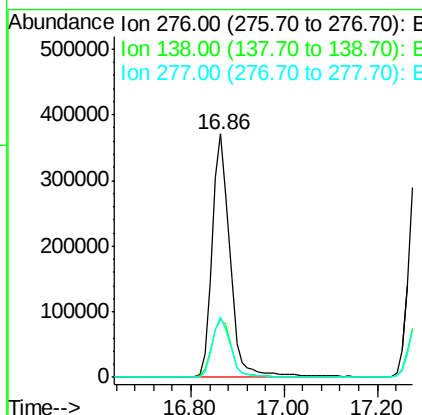
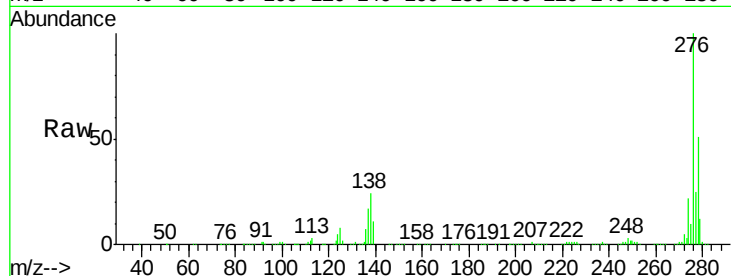
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.13 ng
 RT: 16.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.7	38.5
277	25.4	15.6	23.4

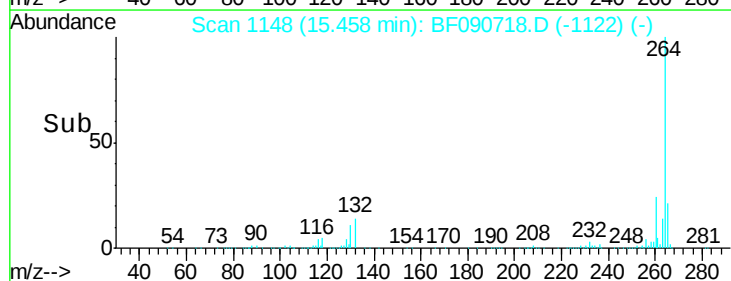
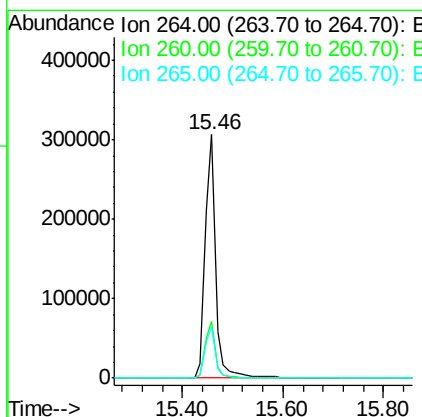
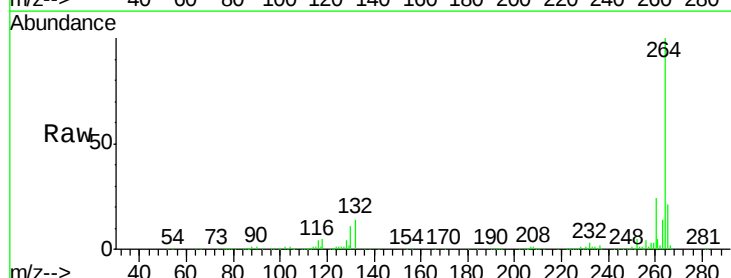
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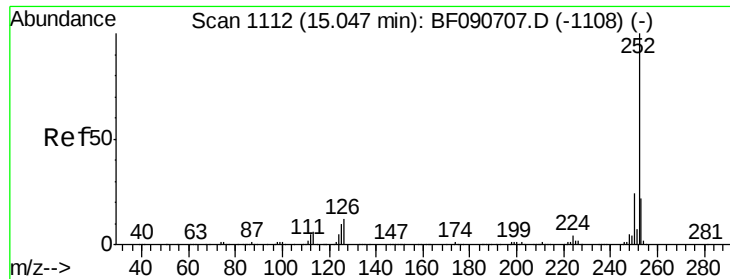
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.44 ng

RT: 15.05 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1143952

Ion Ratio Lower Upper

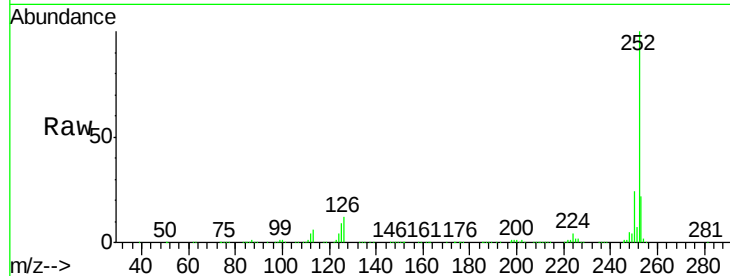
252 100

253 22.1 17.5 26.3

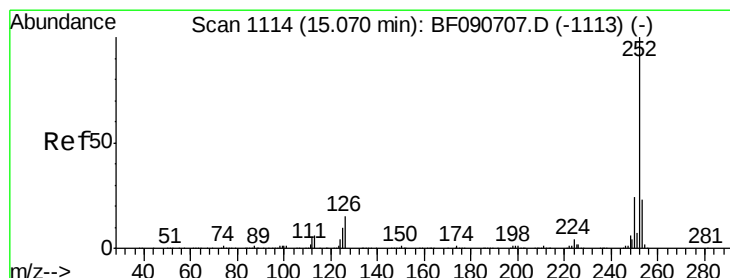
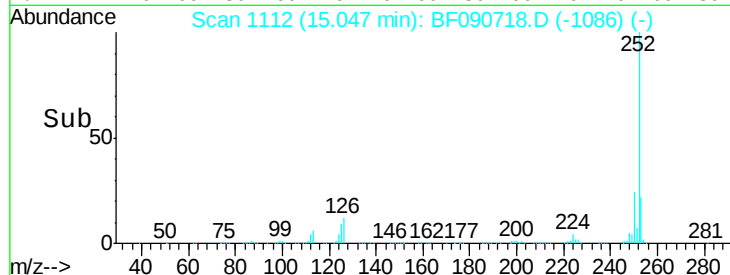
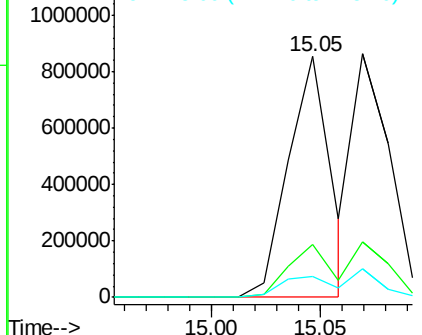
125 8.9 17.1 25.7#

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



#88

Benzo(k)fluoranthene

Concen: 39.44 ng m

RT: 15.07 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF090718.D

Acq: 21 Oct 2016 18:41

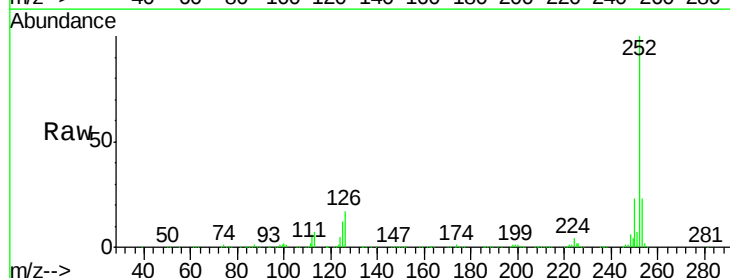
Tgt Ion:252 Resp: 1094209

Ion Ratio Lower Upper

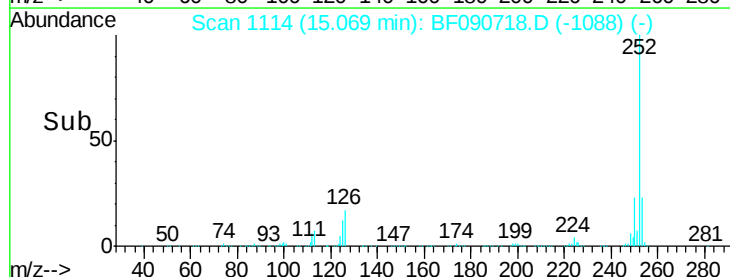
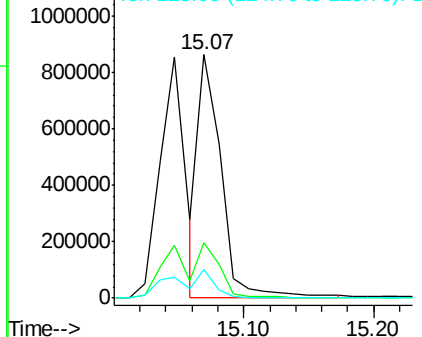
252 100

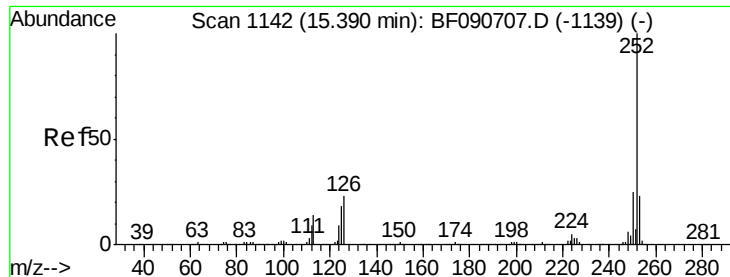
253 22.7 17.0 25.4

125 11.9 16.0 24.0#



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





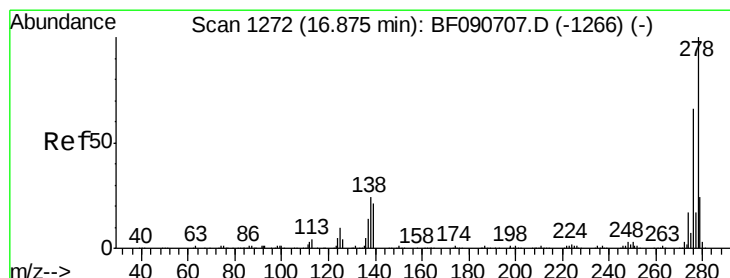
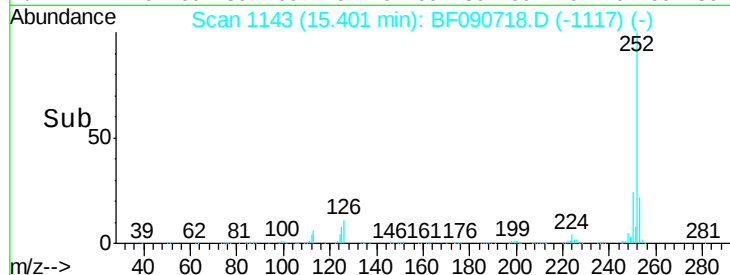
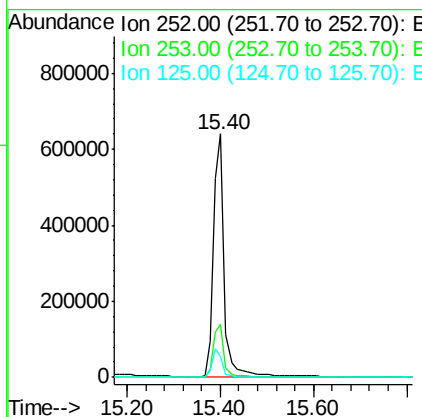
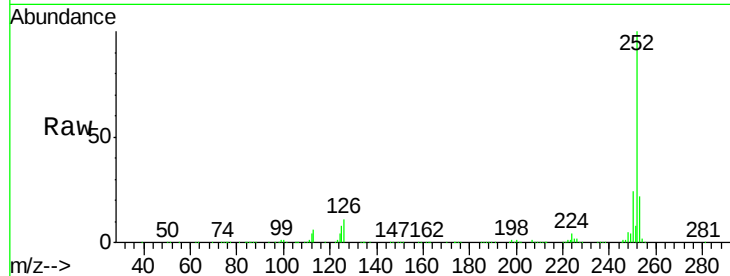
#89
Benzo(a)pyrene
Concen: 39.43 ng
RT: 15.40 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1021267
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.5 18.0 27.0#

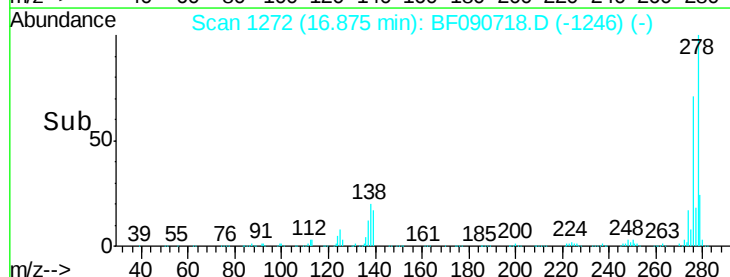
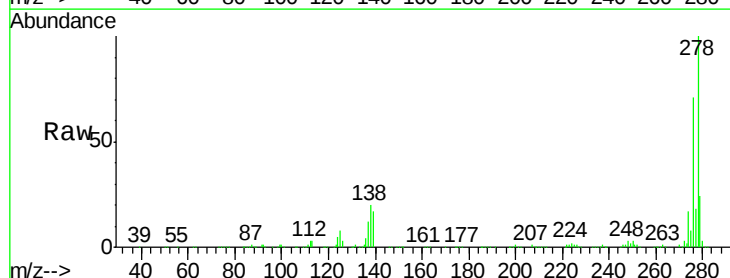
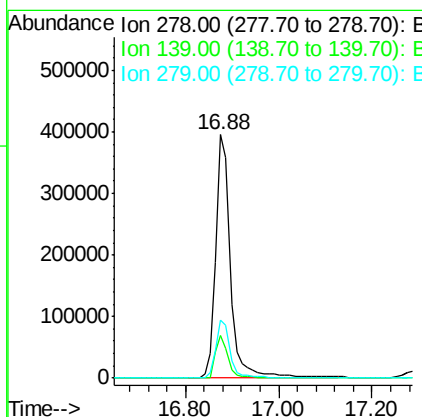
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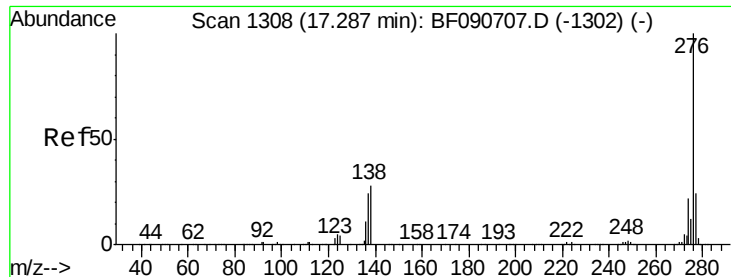
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#90
Dibenzo(a,h)anthracene
Concen: 35.06 ng
RT: 16.88 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF090718.D
Acq: 21 Oct 2016 18:41

Tgt Ion:278 Resp: 871843
Ion Ratio Lower Upper
278 100
139 17.4 26.3 39.5#
279 24.1 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 34.42 ng
 RT: 17.29 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF090718.D
 Acq: 21 Oct 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	21.6	34.6	51.8#

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