

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091901.D
 Acq On : 23 Dec 2016 3:03
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

SOHIL
 12/23/2016 5:52:27 PM

Quant Time: Dec 23 04:25:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	244166	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1008542	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	481034	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	677928	20.00	ng	0.00
75) Chrysene-d12	13.91	240	454864	20.00	ng	0.00
86) Perylene-d12	15.30	264	418054	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1205303	82.42	ng	0.05
7) Phenol-d6	6.44	99	1417192	79.38	ng	0.03
23) Nitrobenzene-d5	7.32	82	1246281	68.71	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	225532	56.65	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1963762	83.40	ng	0.00
78) Terphenyl-d14	12.85	244	1370458	73.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	296927	41.24	ng	97
3) Pyridine	2.97	79	1055504	42.01	ng	99
4) n-Nitrosodimethylamine	2.94	42	402422	42.46	ng	99
6) Aniline	6.42	93	952973	41.10	ng	# 45
8) 2-Chlorophenol	6.56	128	655615	39.41	ng	96
9) Benzaldehyde	6.29	77	420470	42.05	ng	95
10) Phenol	6.45	94	772564	37.97	ng	80
11) bis(2-Chloroethyl)ether	6.50	93	667617	41.24	ng	91
12) 1,3-Dichlorobenzene	6.69	146	734618m	41.37	ng	
13) 1,4-Dichlorobenzene	6.77	146	731250	40.46	ng	94
14) 1,2-Dichlorobenzene	6.92	146	596464	38.03	ng	98
15) Benzyl Alcohol	6.91	79	514794	37.11	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	950649	39.44	ng	92
17) 2-Methylphenol	7.06	107	516951	38.64	ng	94
18) Hexachloroethane	7.26	117	259974	38.80	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	484777	40.81	ng	99
20) 3+4-Methylphenols	7.21	107	699705	43.85	ng	# 74
22) Acetophenone	7.17	105	982552	39.50	ng	# 86
24) Nitrobenzene	7.34	77	759962	39.34	ng	90
25) Isophorone	7.58	82	1263402	37.76	ng	98
26) 2-Nitrophenol	7.65	139	264939	27.81	ng	96
27) 2,4-Dimethylphenol	7.72	122	522492	33.07	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	740415	36.49	ng	98
29) 2,4-Dichlorophenol	7.92	162	466680	34.88	ng	87
30) 1,2,4-Trichlorobenzene	7.98	180	569407	38.84	ng	97
31) Naphthalene	8.06	128	1858050	40.25	ng	99
32) Benzoic acid	7.85	122	154600	13.19	ng	89
33) 4-Chloroaniline	8.12	127	750224	36.05	ng	99
34) Hexachlorobutadiene	8.18	225	312665	40.40	ng	99
35) Caprolactam	8.50	113	154240	35.08	ng	# 82
36) 4-Chloro-3-methylphenol	8.64	107	509403	33.09	ng	# 83
37) 2-Methylnaphthalene	8.75	142	1098972	36.86	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	526496	43.32	ng	98
40) Hexachlorocyclopentadiene	8.90	237	84901	18.88	ng	95

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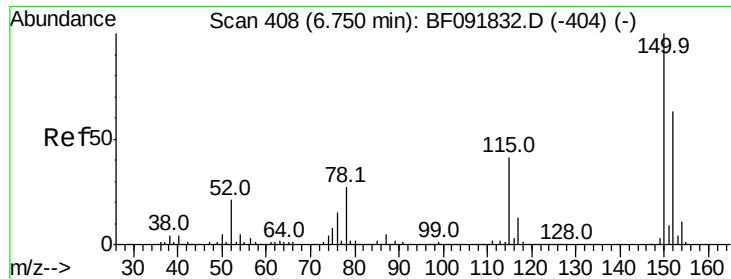
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	308128	36.25	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	269540	30.81	nq	99
45) 1,1'-Biphenyl	9.22	154	1472220	44.70	nq	99
46) 2-Chloronaphthalene	9.24	162	1065283	40.84	nq	98
47) 2-Nitroaniline	9.34	65	305005	32.84	nq	99
48) Acenaphthylene	9.65	152	1602273	39.94	nq	100
49) Dimethylphthalate	9.53	163	1308410	42.53	nq	100
50) 2,6-Dinitrotoluene	9.58	165	238986	35.49	nq	# 76
51) Acenaphthene	9.82	154	1003876	36.91	nq	100
52) 3-Nitroaniline	9.76	138	278054	33.37	nq	96
53) 2,4-Dinitrophenol	9.86	184	11774	3.14	nq	# 47
54) Dibenzofuran	10.00	168	1339623	36.47	nq	99
55) 4-Nitrophenol	9.96	139	109033m	19.27	nq	
56) 2,4-Dinitrotoluene	9.98	165	269614	31.90	nq	91
57) Fluorene	10.34	166	1079605	40.40	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	196989	28.47	nq	99
59) Diethylphthalate	10.21	149	1146980	38.39	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	470230	40.19	nq	97
61) 4-Nitroaniline	10.37	138	295551	34.22	nq	99
62) Azobenzene	10.49	77	1198735	36.44	nq	100
64) 4,6-Dinitro-2-methylphenol	10.40	198	36464	8.89	nq	83
65) n-Nitrosodiphenylamine	10.45	169	892119	44.35	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	303843	43.09	nq	99
67) Hexachlorobenzene	10.89	284	326887	43.37	nq	99
68) Atrazine	10.99	200	257497	39.68	nq	94
69) Pentachlorophenol	11.09	266	74361	20.11	nq	99
70) Phenanthrene	11.30	178	1483037	40.34	nq	99
71) Anthracene	11.34	178	1323182	38.72	nq	99
72) Carbazole	11.52	167	1240860	38.52	nq	96
73) Di-n-butylphthalate	11.84	149	1659944	47.92	nq	99
74) Fluoranthene	12.48	202	1229806	37.50	nq	99
76) Benzidine	12.61	184	378667	30.09	nq	99
77) Pyrene	12.71	202	1203164	36.05	nq	99
79) Butylbenzylphthalate	13.33	149	639783	42.15	nq	92
80) Benzo(a)anthracene	13.89	228	961084	37.43	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	356420	36.61	nq	99
82) Chrysene	13.93	228	925065	35.92	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	842274	47.12	nq	# 99
84) Di-n-octyl phthalate	14.50	149	1373702	41.49	nq	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	823933	36.93	nq	99
87) Benzo(b)fluoranthene	14.91	252	980913m	37.69	nq	
88) Benzo(k)fluoranthene	14.93	252	931370m	41.96	nq	
89) Benzo(a)pyrene	15.24	252	909777	39.38	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	708814	37.33	nq	97
91) Benzo(g,h,i)perylene	17.05	276	675952	34.24	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 244166

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

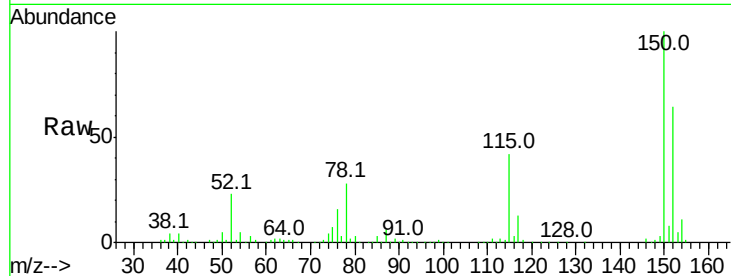
115 65.8 46.0 69.0

Manual Integrations

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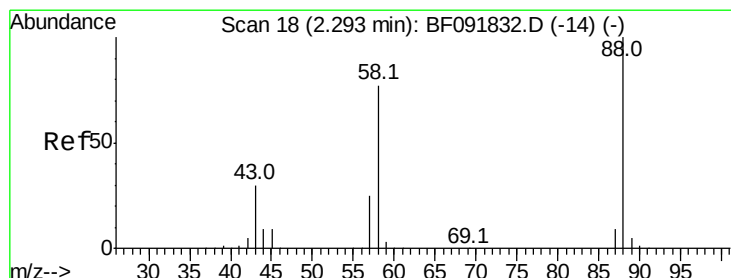
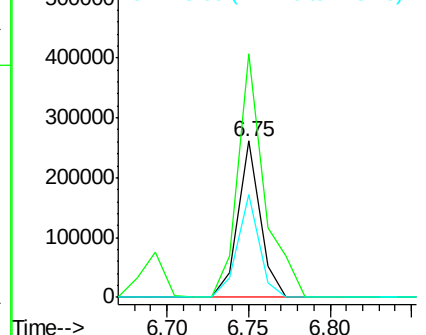
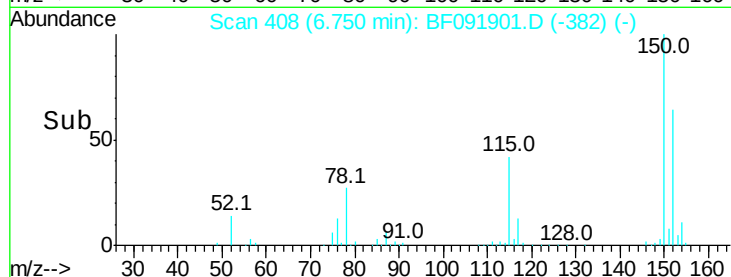
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.24 ng

RT: 2.29 min Scan# 18

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

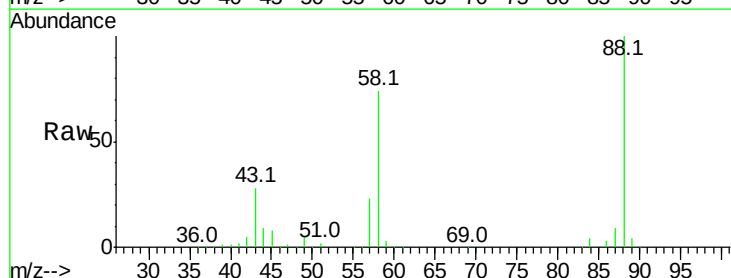
Tgt Ion: 88 Resp: 296927

Ion Ratio Lower Upper

88 100

58 75.0 57.8 86.8

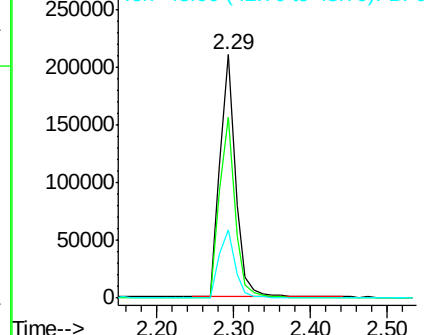
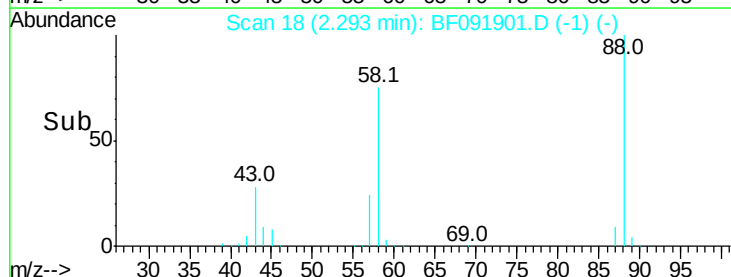
43 29.1 22.3 33.5

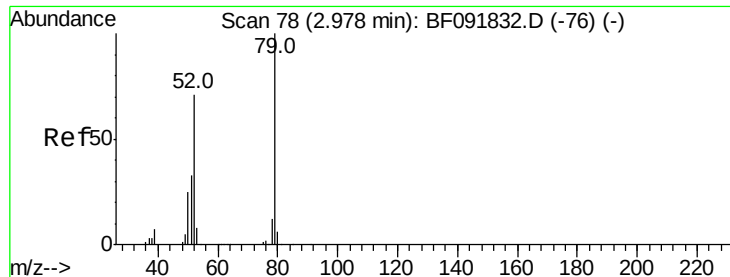


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.01 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1055504

Ion Ratio Lower Upper

79 100

52 70.8 57.1 85.7

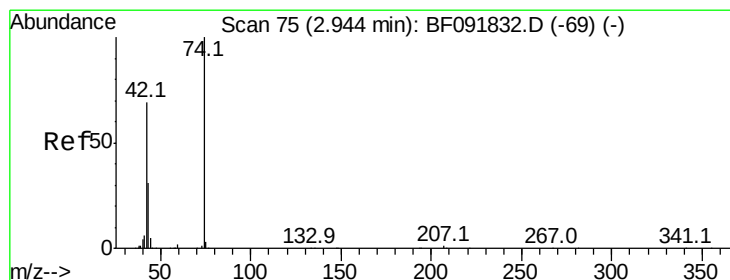
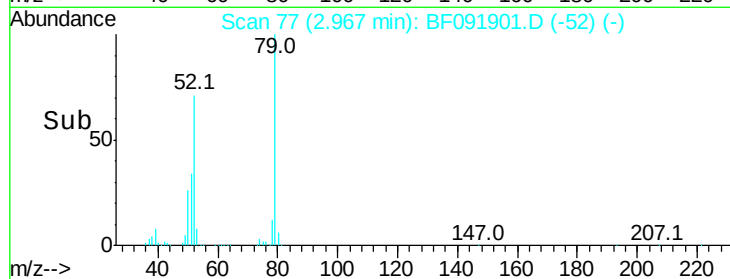
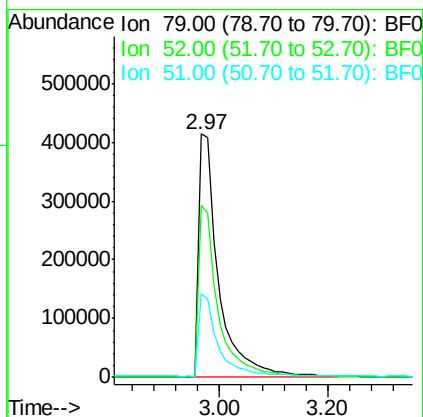
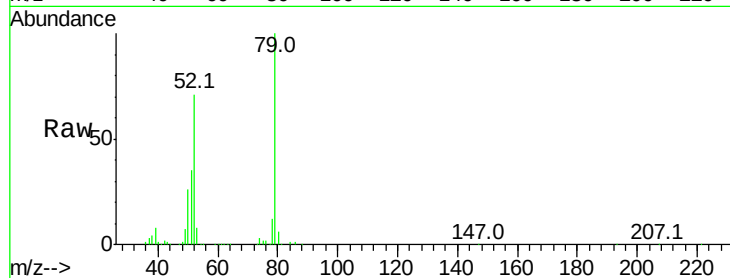
51 34.6 27.3 40.9

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 42.46 ng

RT: 2.94 min Scan# 75

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

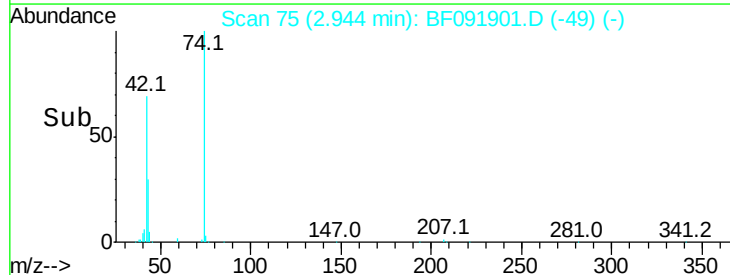
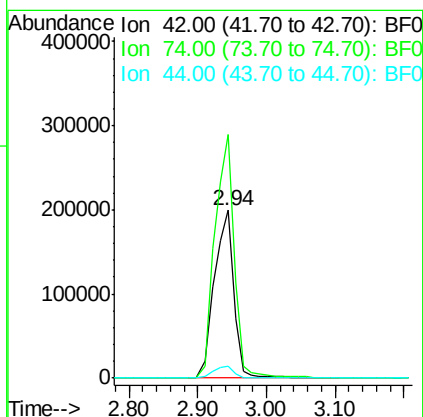
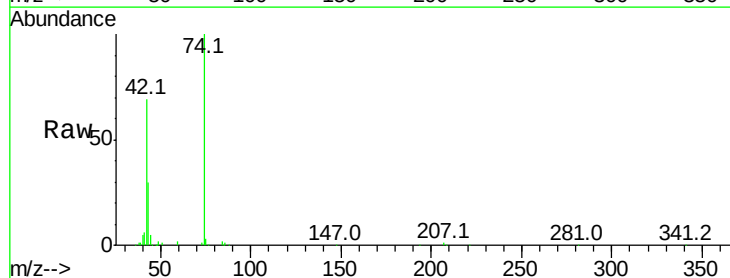
Tgt Ion: 42 Resp: 402422

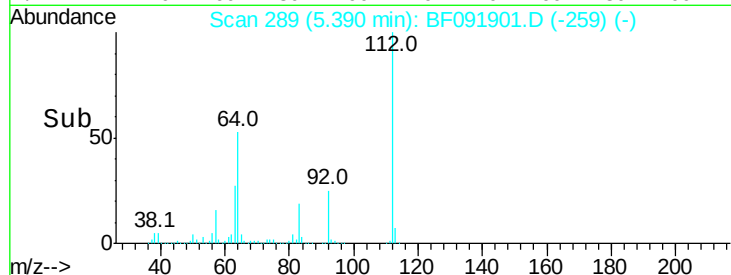
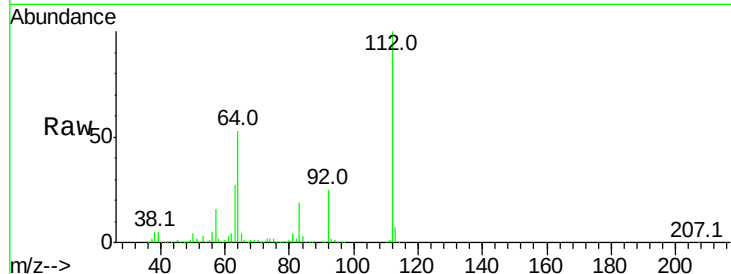
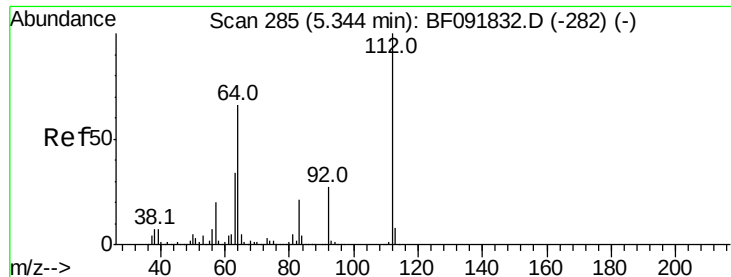
Ion Ratio Lower Upper

42 100

74 145.1 117.0 175.4

44 7.2 5.5 8.3





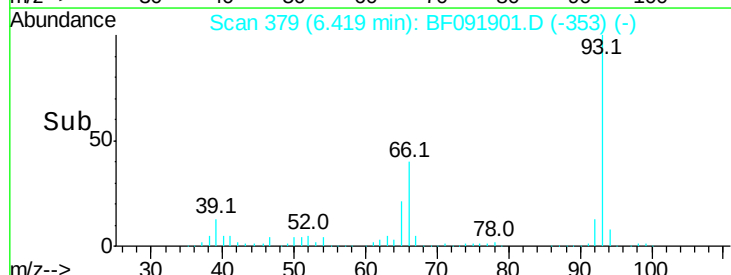
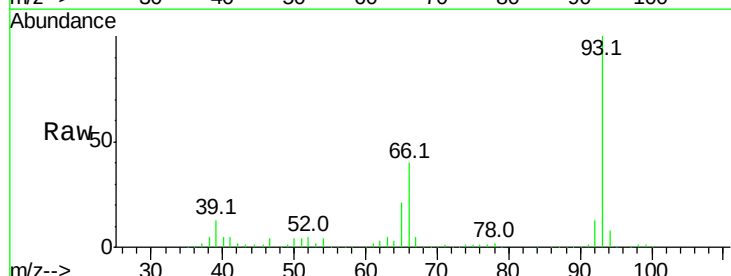
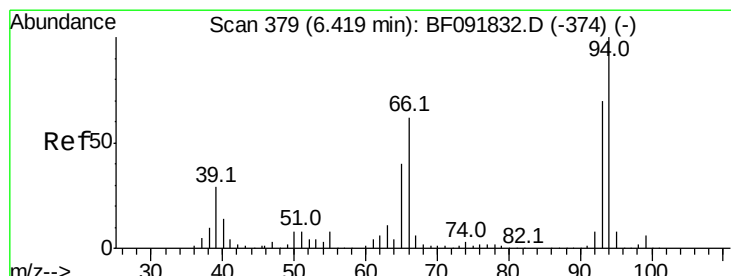
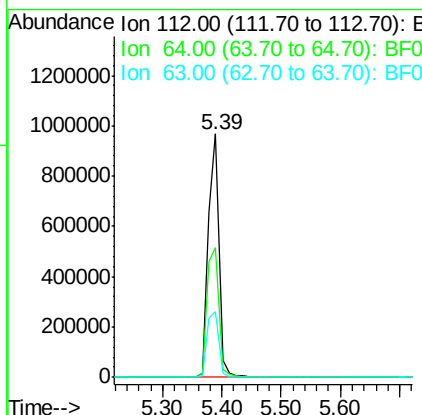
#5
2-Fluorophenol
Concen: 82.42 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.05 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tot Ion: 112 Resp: 1205303
Ion Ratio Lower Upper
112 100
64 53.3 46.1 69.1
63 27.1 23.8 35.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

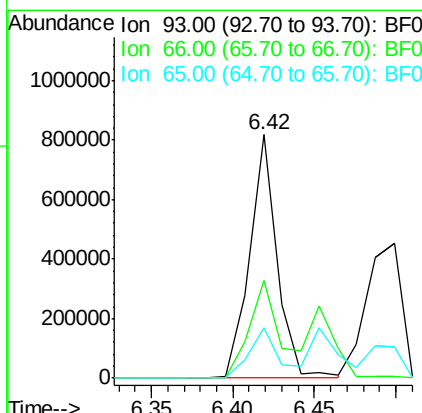
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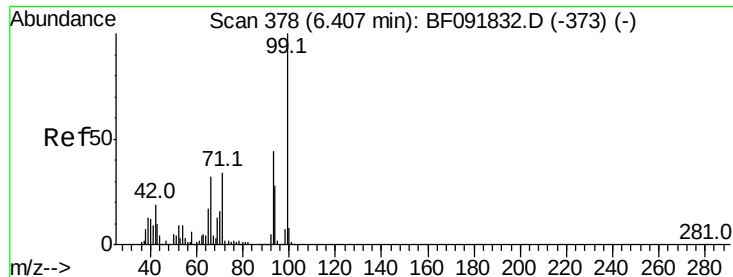
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#6
Aniline
Concen: 41.10 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion: 93 Resp: 952973
Ion Ratio Lower Upper
93 100
66 40.4 76.2 114.2#
65 20.7 49.3 73.9#





#7

Phenol-d6

Concen: 79.38 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1417192

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

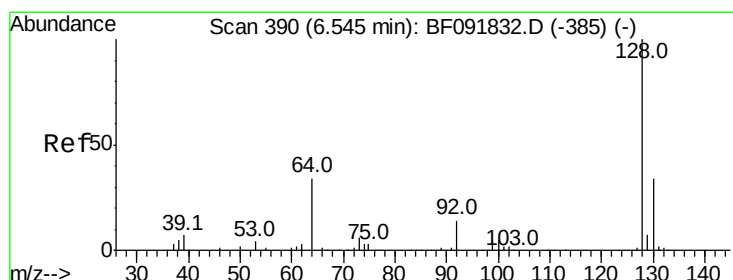
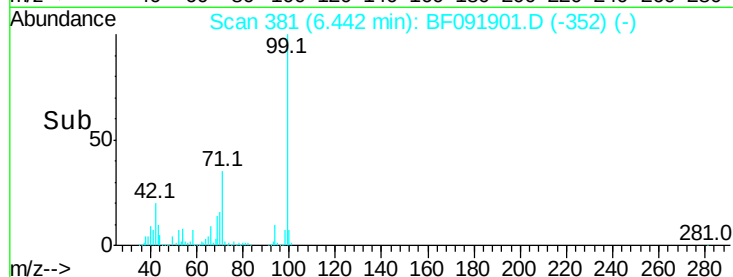
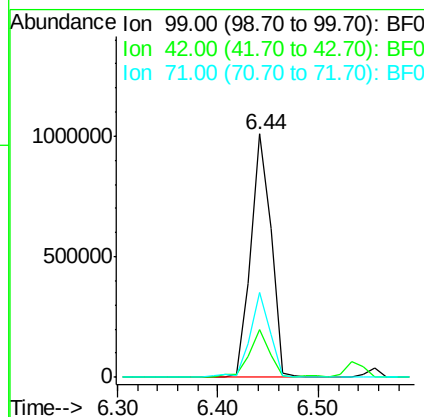
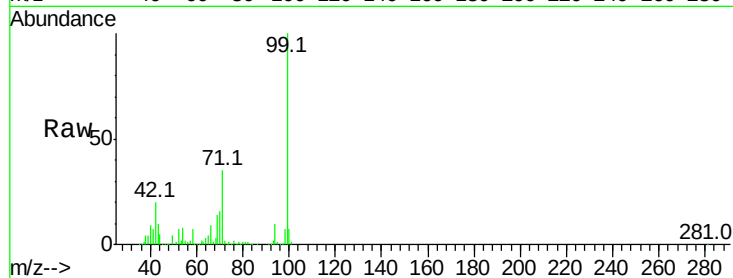
71 35.0 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.41 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

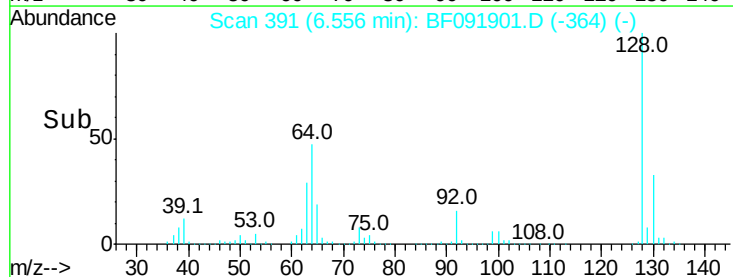
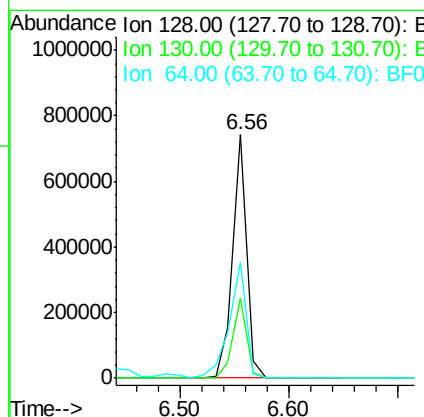
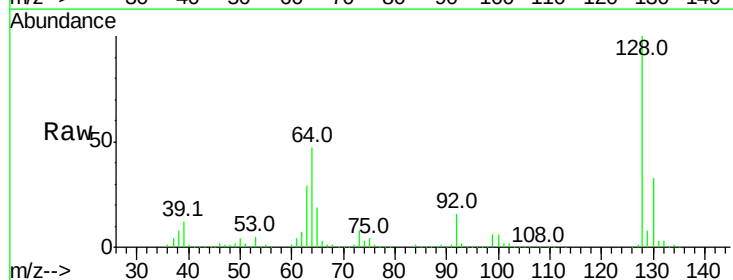
Tgt Ion: 128 Resp: 655615

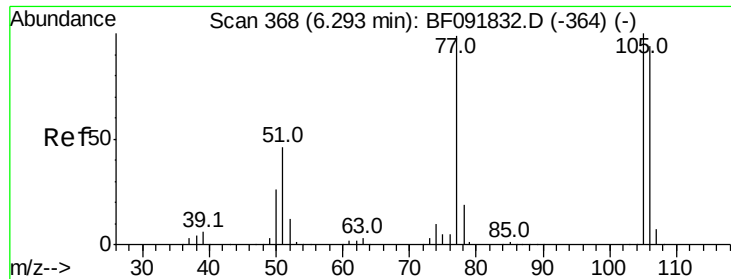
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 47.4 32.2 72.2





#9

Benzaldehyde

Concen: 42.05 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 420470

Ion Ratio Lower Upper

77 100

105 97.3 83.9 123.9

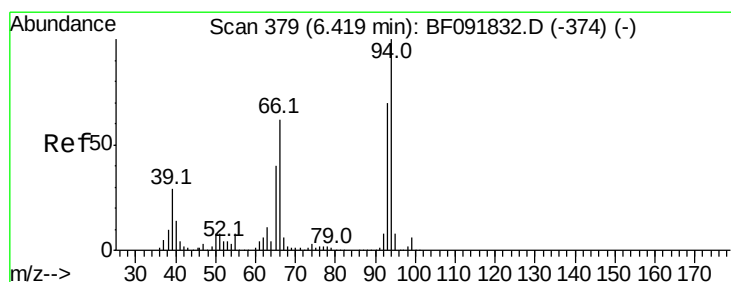
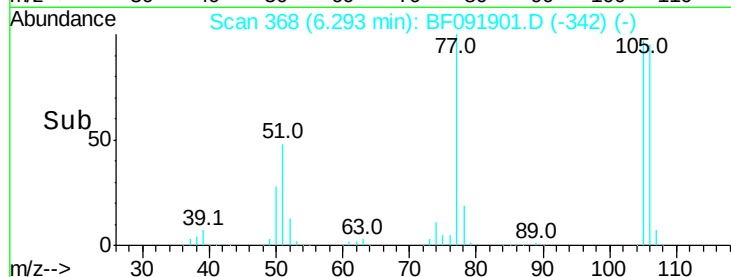
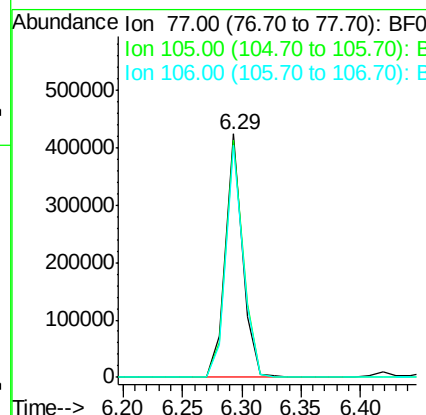
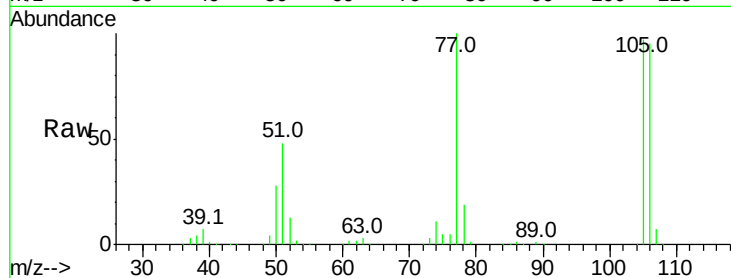
106 95.2 77.6 117.6

Manual Integrations

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#10

Phenol

Concen: 37.97 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

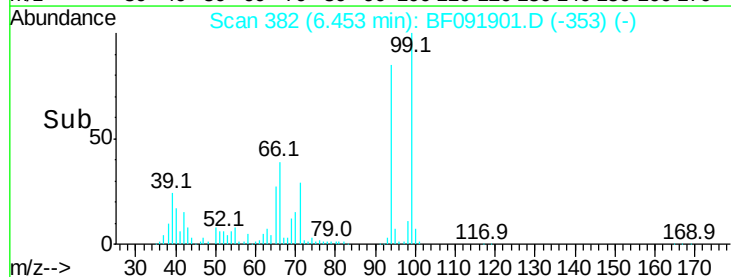
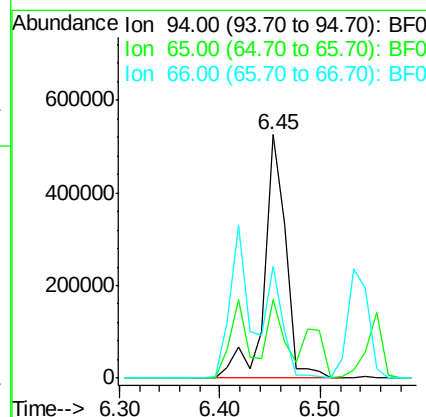
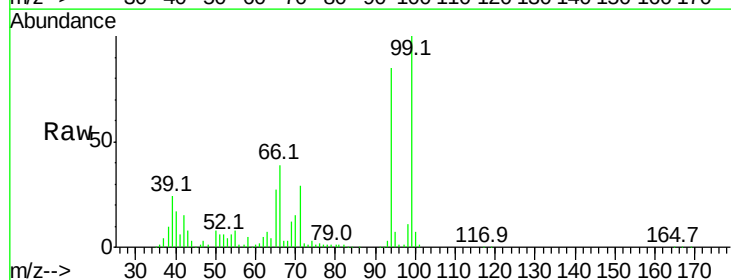
Tgt Ion: 94 Resp: 772564

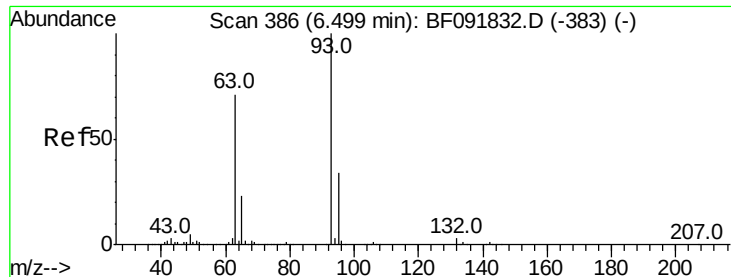
Ion Ratio Lower Upper

94 100

65 32.2 21.4 61.4

66 46.2 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 41.24 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

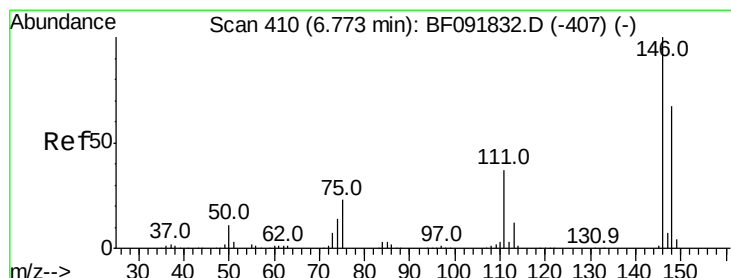
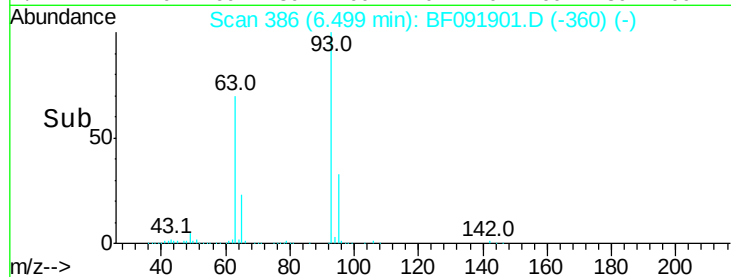
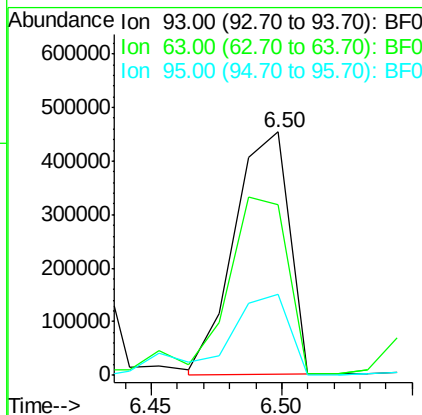
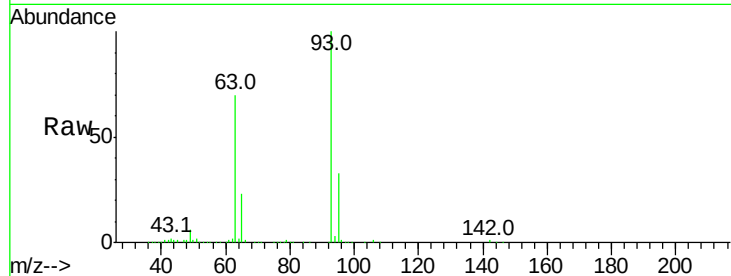
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	667617
Ion	Ratio	Lower	Upper
93	100		
63	70.1	60.4	100.4
95	33.3	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 41.37 ng m

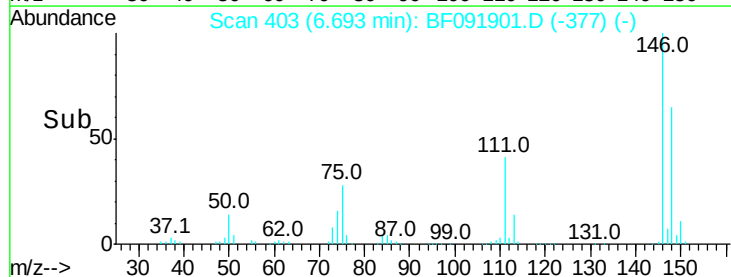
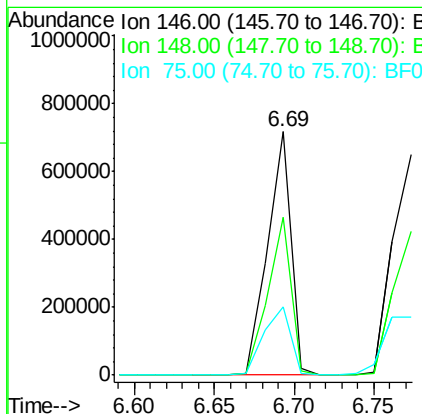
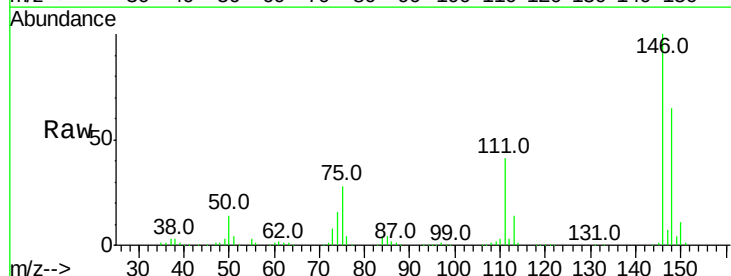
RT: 6.69 min Scan# 403

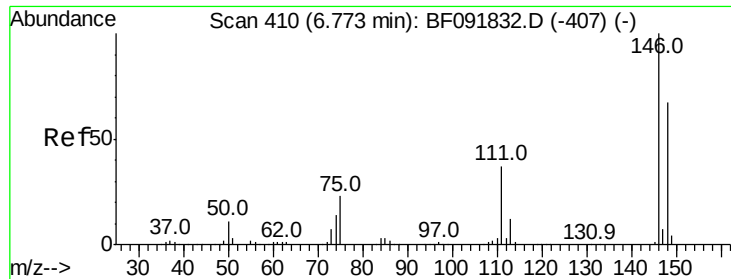
Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Tgt Ion:	146	Resp:	734618
Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.4	80.0
75	28.2	18.5	27.7#





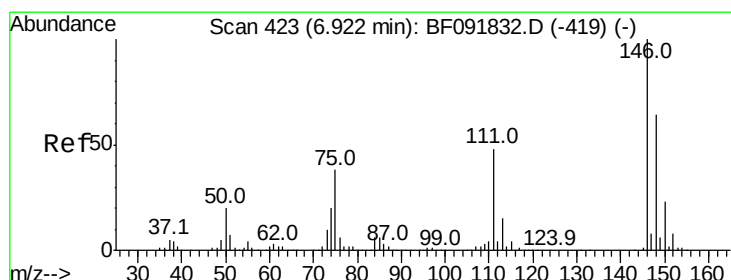
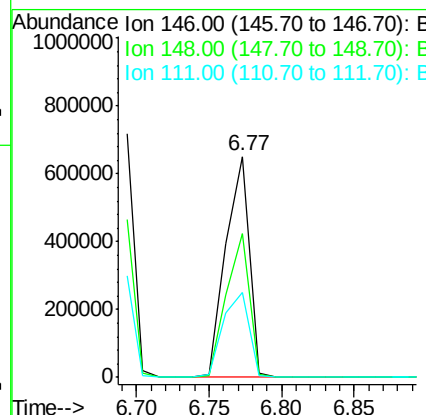
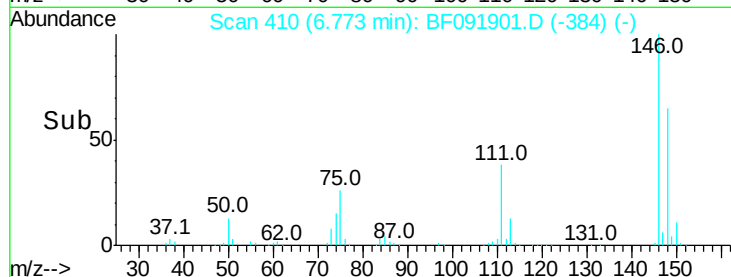
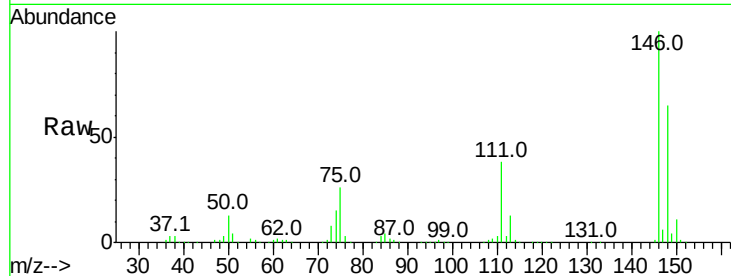
#13
 1,4-Dichlorobenzene
 Concen: 40.46 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.6	76.0
111	38.4	36.2	54.4

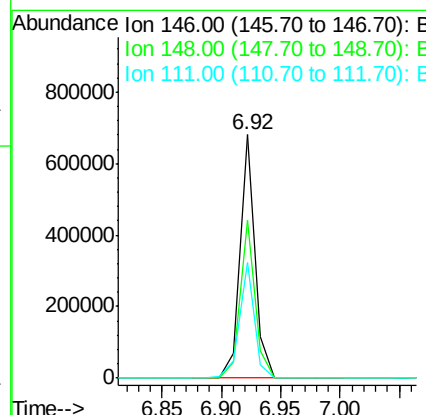
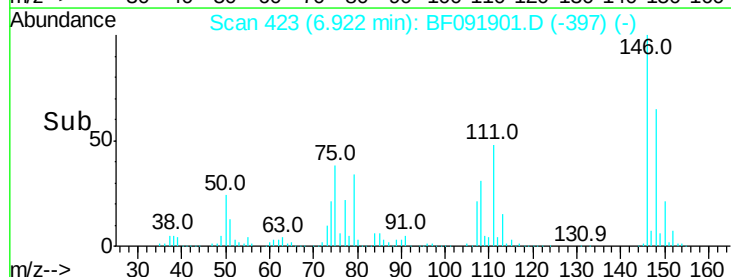
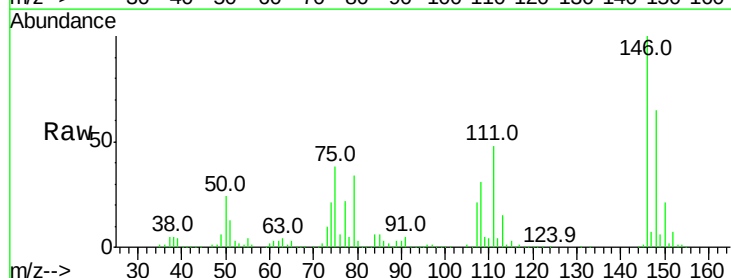
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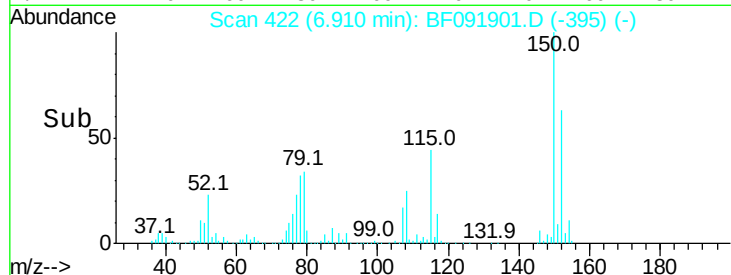
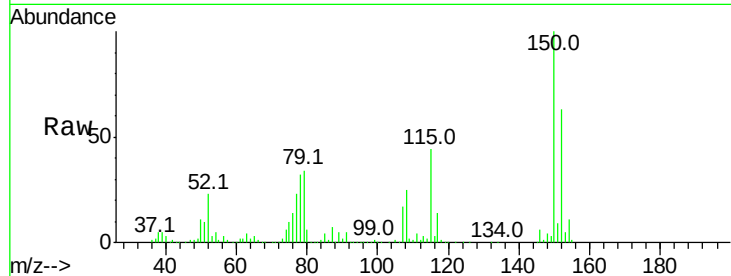
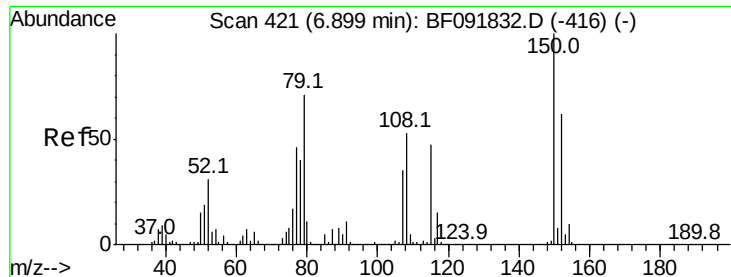
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#14
 1,2-Dichlorobenzene
 Concen: 38.03 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	47.7	36.2	54.2





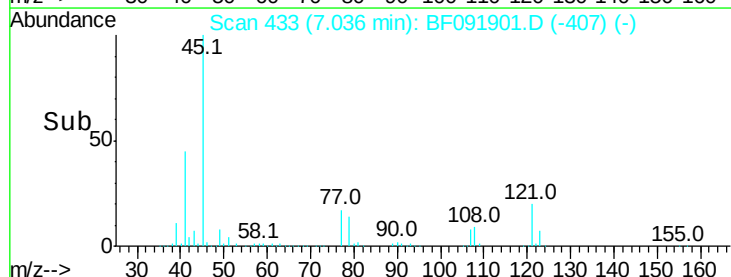
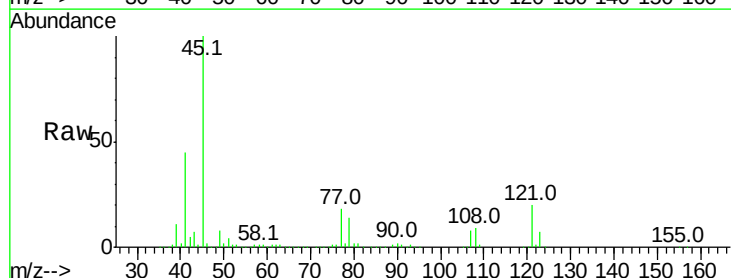
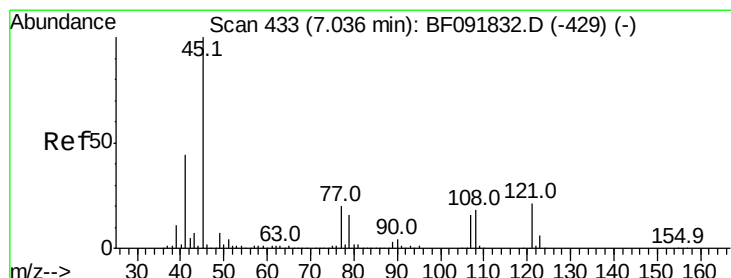
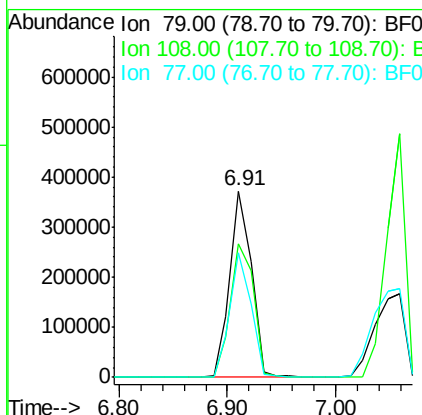
#15
Benzyl Alcohol
Concen: 37.11 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	71.9	61.4	92.0	
77	66.6	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

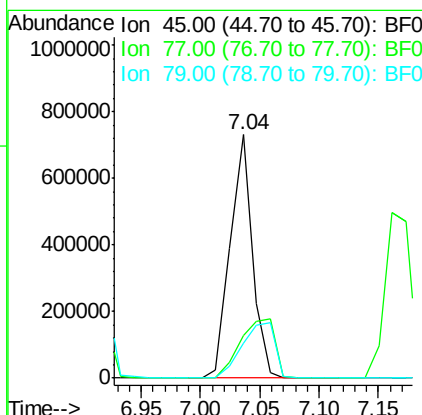
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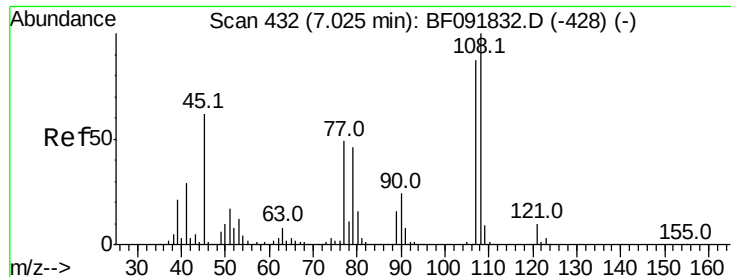
SOHIL
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.44 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.6	0.0	34.6	
79	14.5	0.0	31.2	





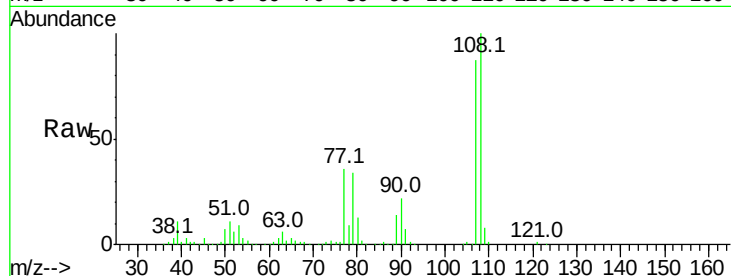
#17
2-Methylphenol
Concen: 38.64 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.03 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

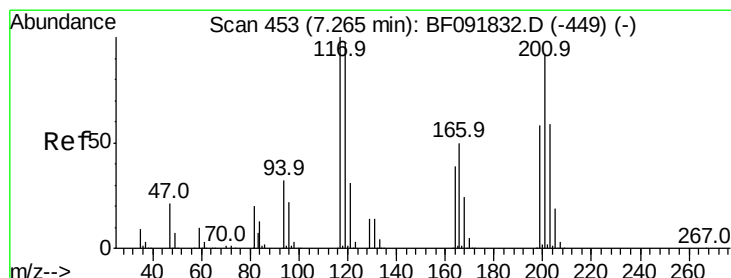
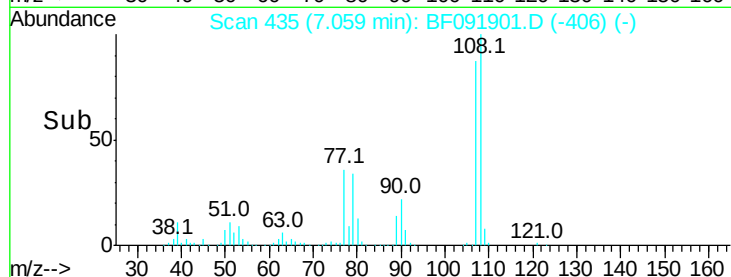
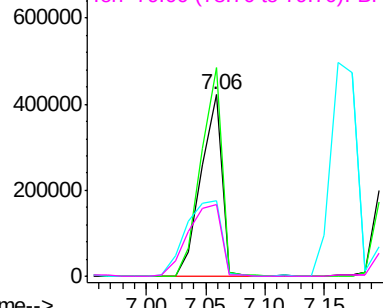
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.4	93.0	139.6	
77	42.1	39.8	59.8	
79	39.5	38.0	57.0	

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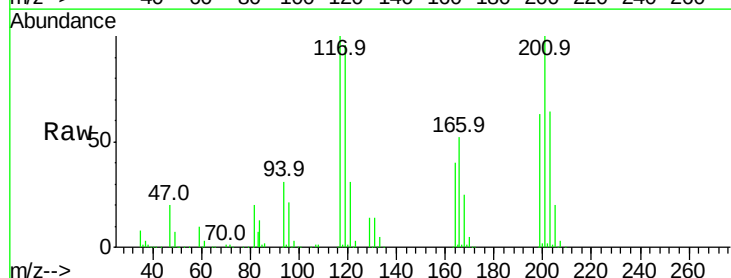


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

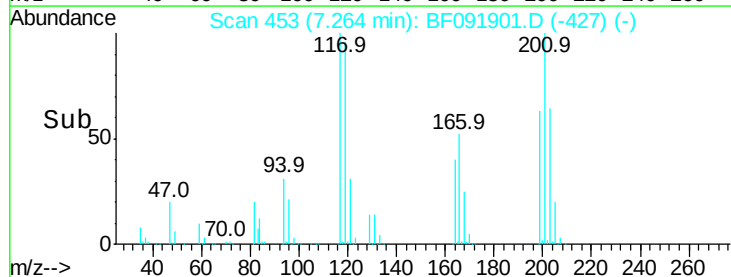
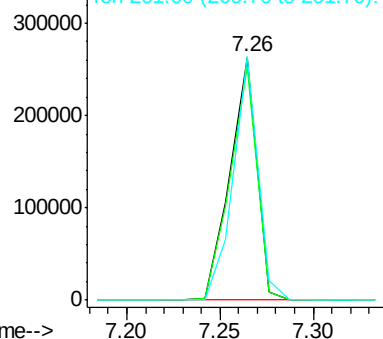


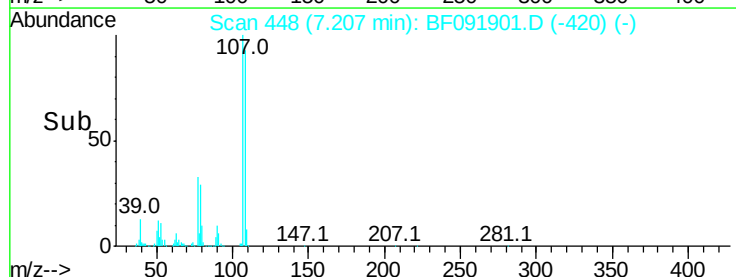
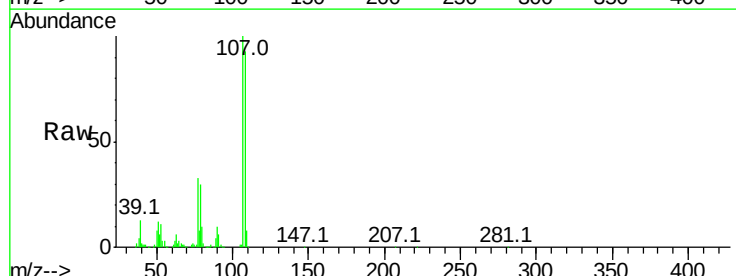
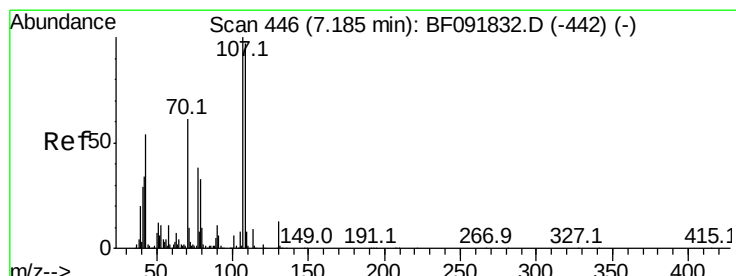
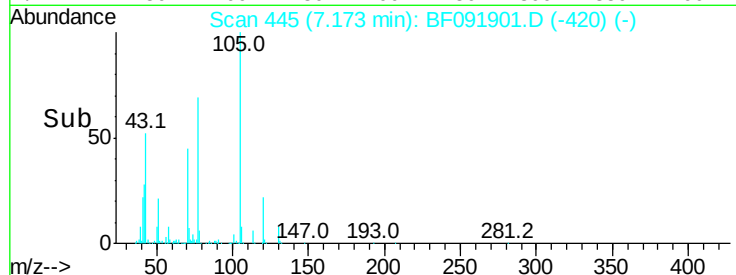
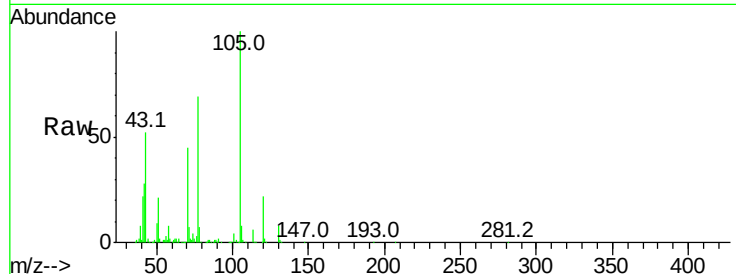
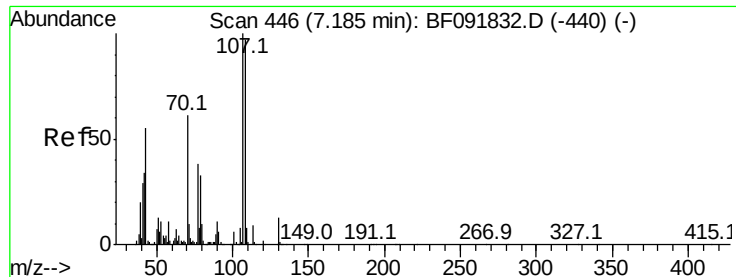
#18
Hexachloroethane
Concen: 38.80 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	78.1	117.1	
201	100.5	78.6	117.8	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.81 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091901.D

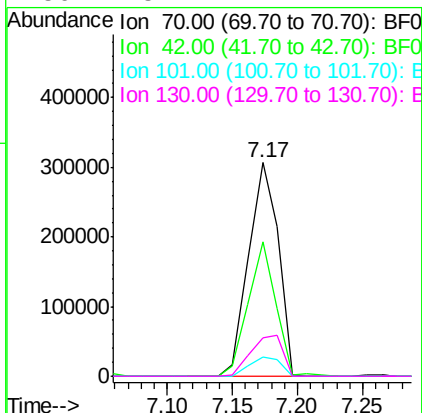
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.7	49.4	74.0
101	8.9	7.4	11.2
130	18.1	14.2	21.4

Manual Integrations
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#20

3+4-Methylphenols

Concen: 43.85 ng

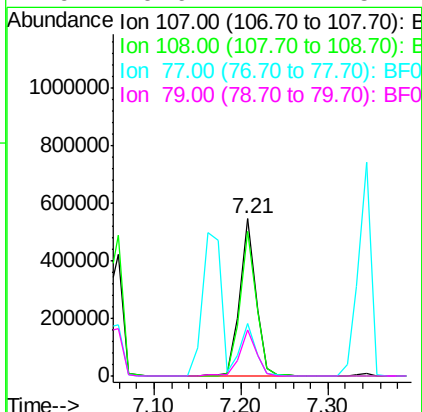
RT: 7.21 min Scan# 448

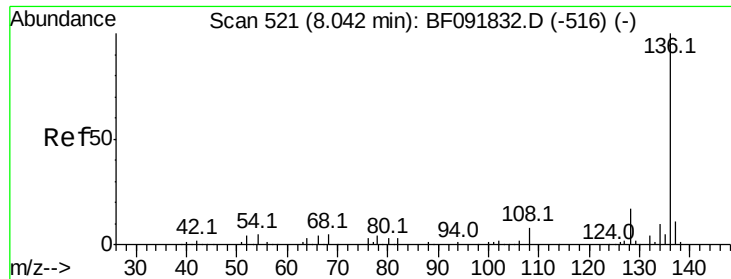
Delta R.T. 0.02 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	73.0	113.0
77	33.3	71.3	111.3#
79	29.6	11.1	51.1





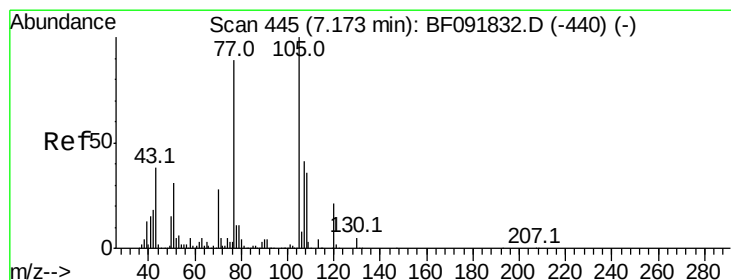
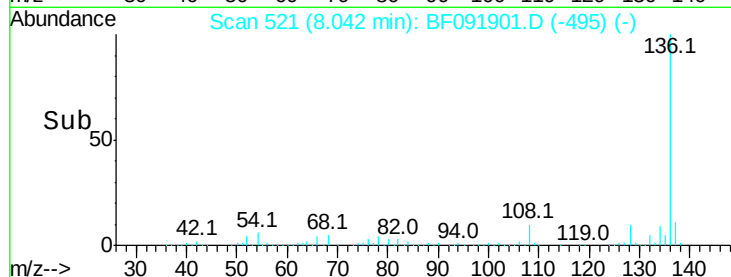
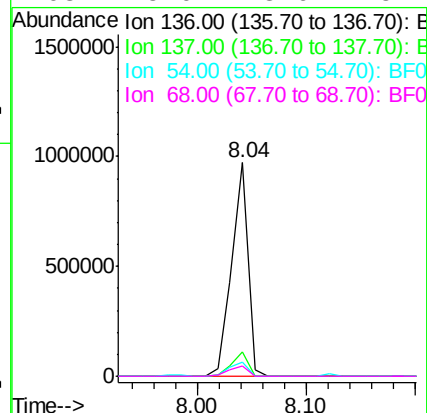
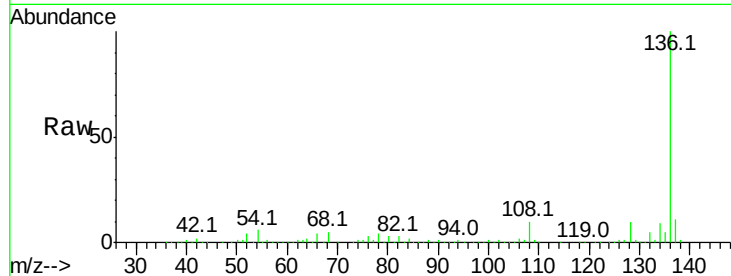
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.4	4.5	6.7
68	5.0	3.6	5.4

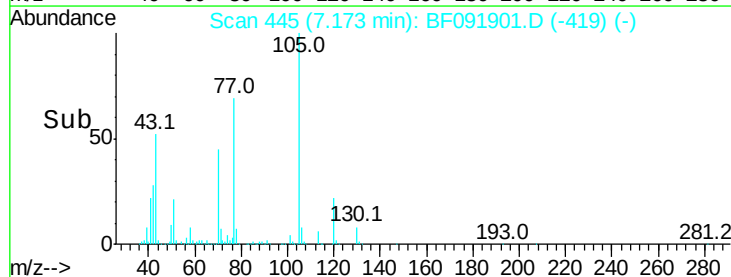
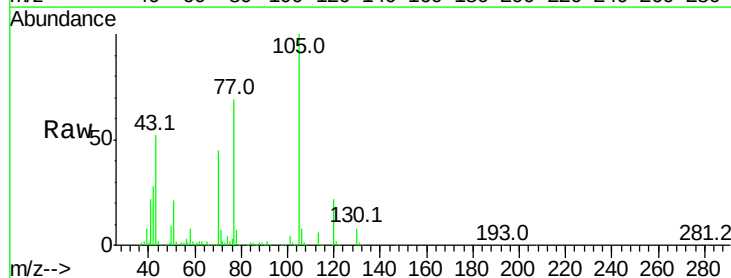
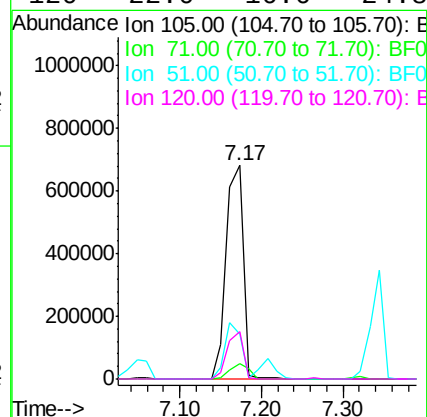
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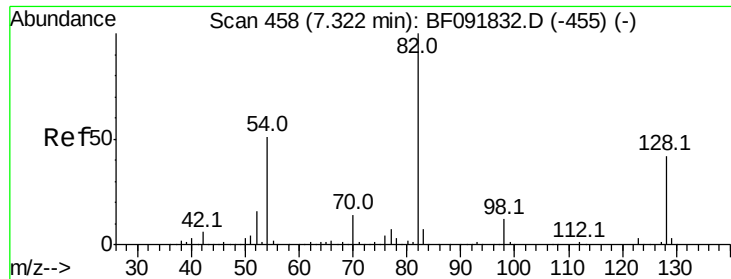
SOHIL
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#22
Acetophenone
Concen: 39.50 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.2	3.2	4.8#
51	20.7	26.2	39.4#
120	22.0	16.6	24.8





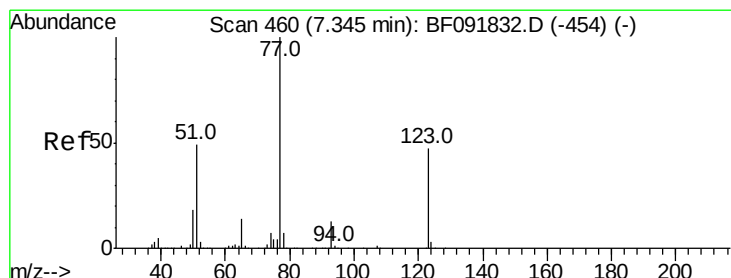
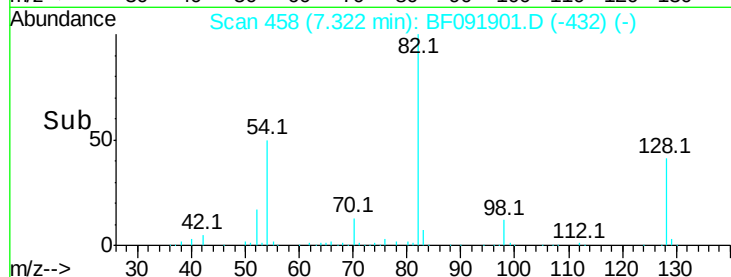
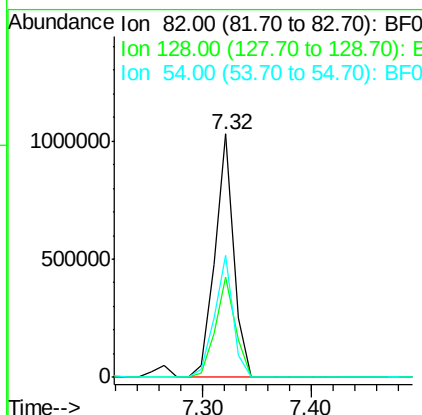
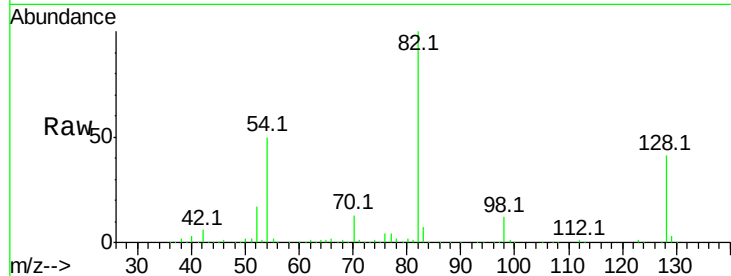
#23
Nitrobenzene-d5
Concen: 68.71 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	50.2	39.5	59.3

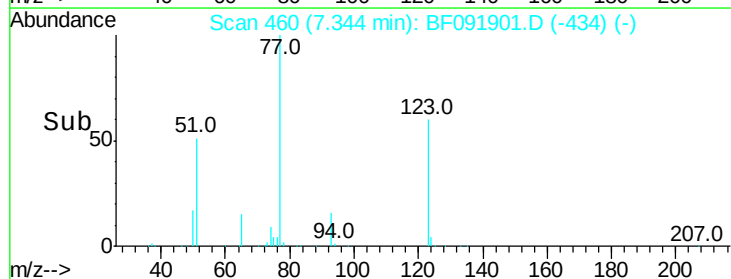
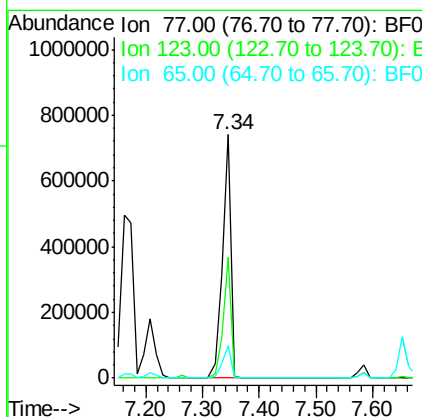
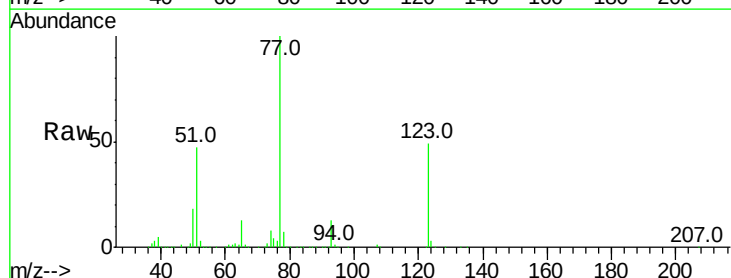
Manual Integrations
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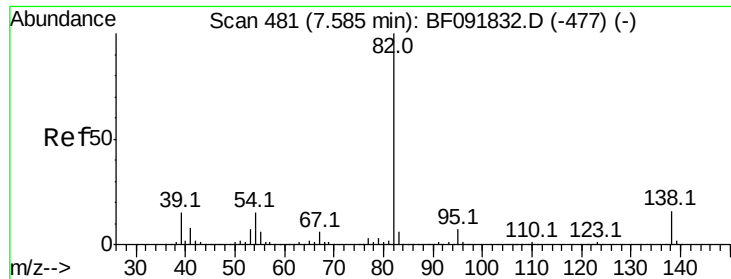
SOHIL
12/23/2016 5:52:27 PM



#24
Nitrobenzene
Concen: 39.34 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	33.0	49.4
65	13.3	11.2	16.8





#25

Isophorone

Concen: 37.76 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1263402

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

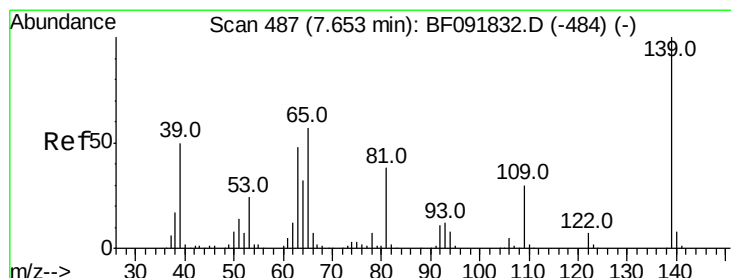
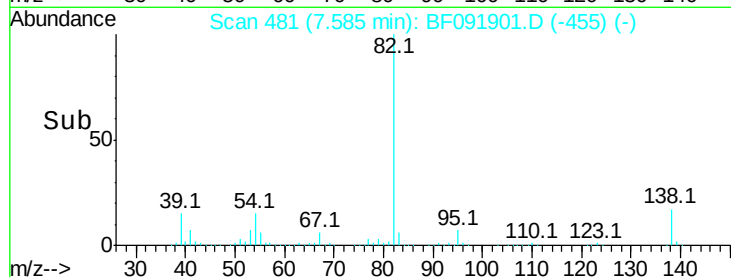
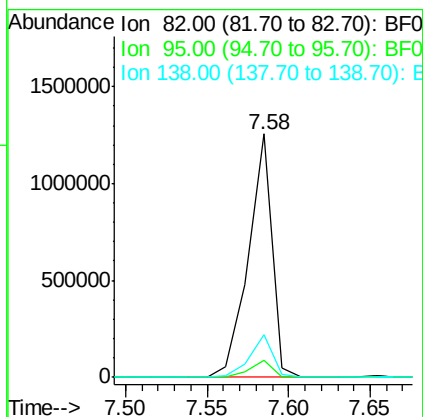
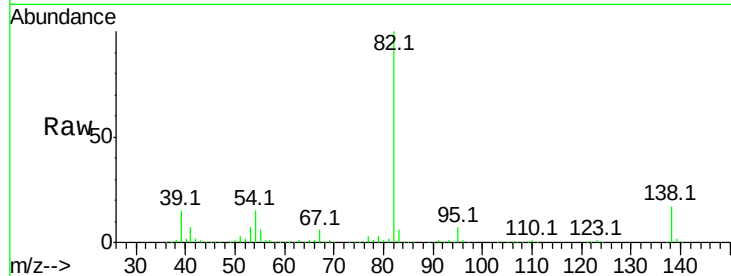
138 17.3 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 27.81 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

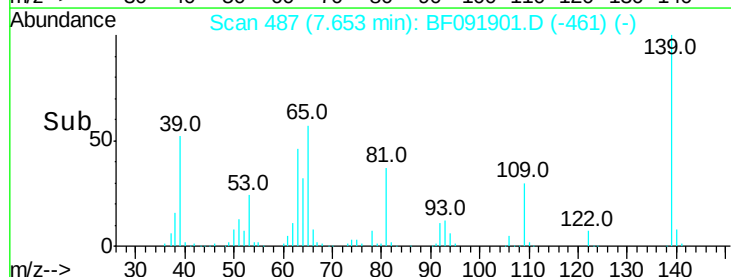
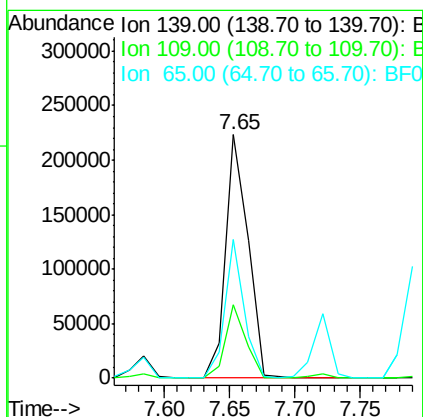
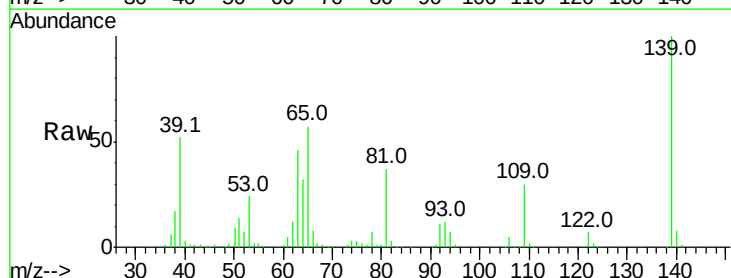
Tgt Ion: 139 Resp: 264939

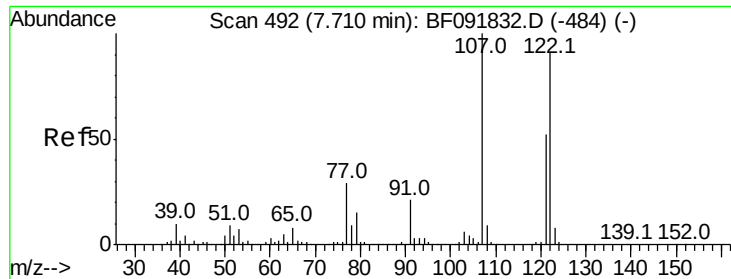
Ion Ratio Lower Upper

139 100

109 30.0 23.3 34.9

65 57.1 42.7 64.1





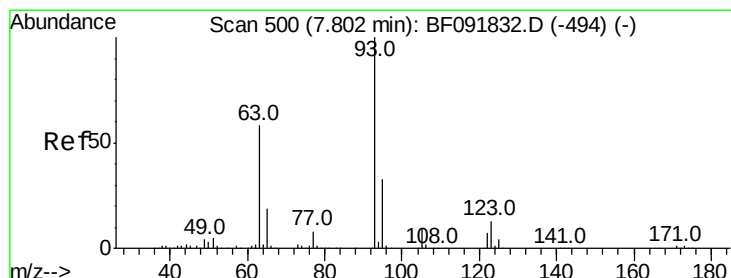
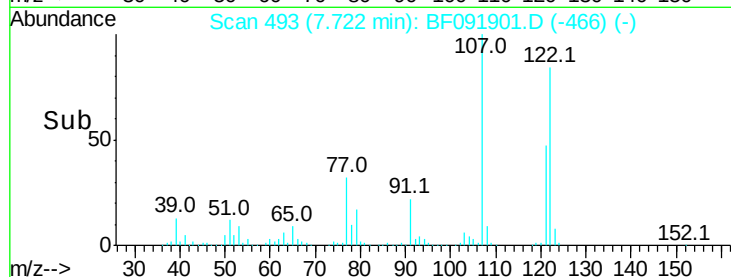
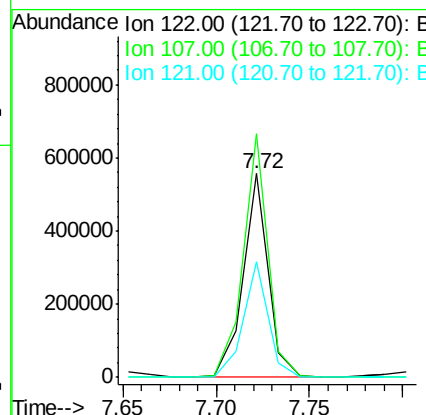
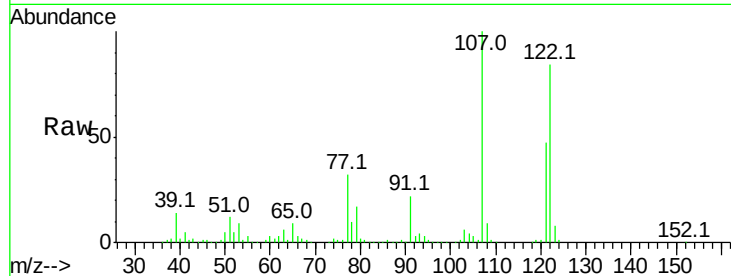
#27
2,4-Dimethylphenol
Concen: 33.07 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.01 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.6	94.1	141.1
121	56.5	46.0	69.0

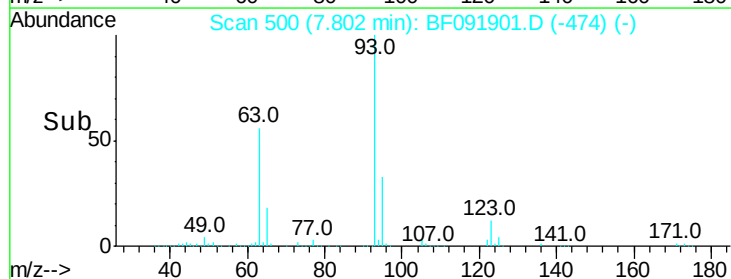
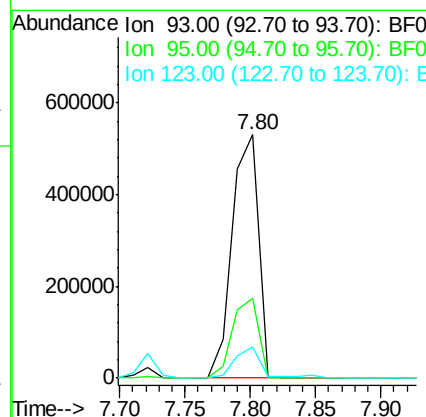
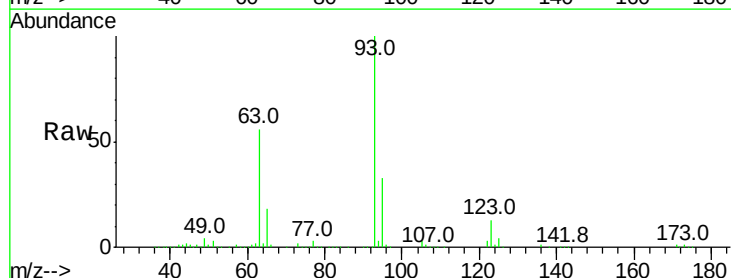
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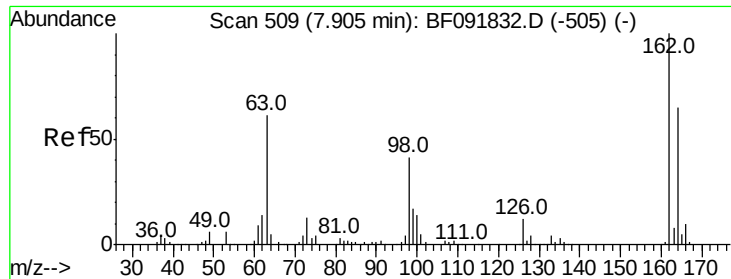
SOHIL
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#28
bis(2-Chloroethoxy)methane
Concen: 36.49 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	12.5	8.6	13.0





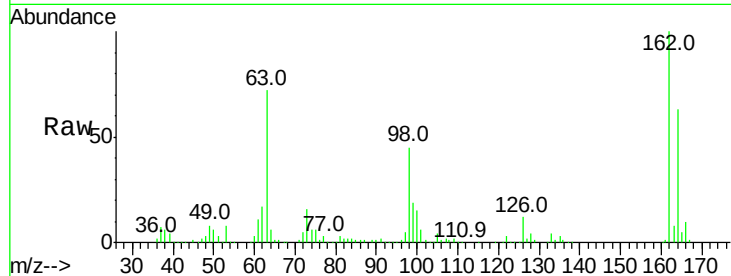
#29
 2,4-Dichlorophenol
 Concen: 34.88 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

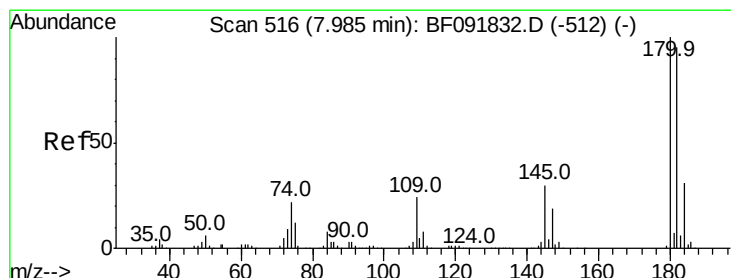
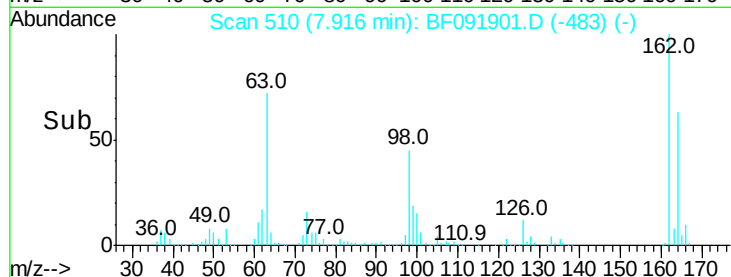
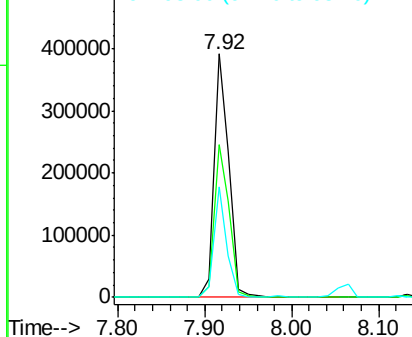
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.8	46.8	86.8
98	45.4	9.1	49.1

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SOHIL
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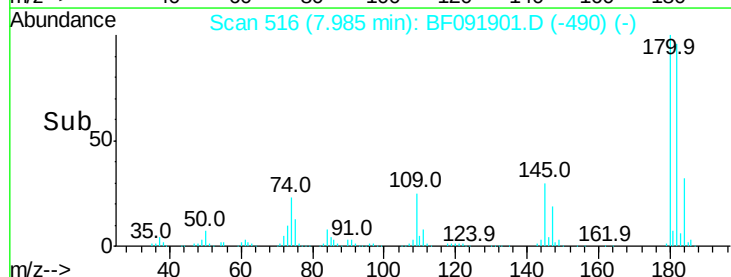
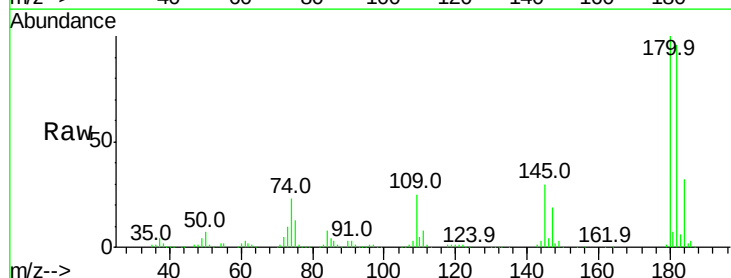
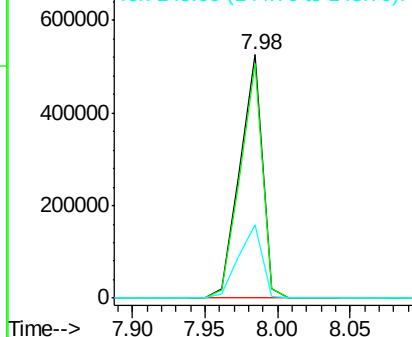
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

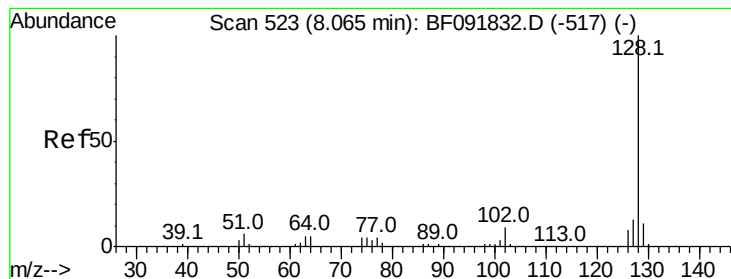


#30
 1,2,4-Trichlorobenzene
 Concen: 38.84 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	78.2	117.4
145	30.2	21.6	32.4

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.25 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1858050

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

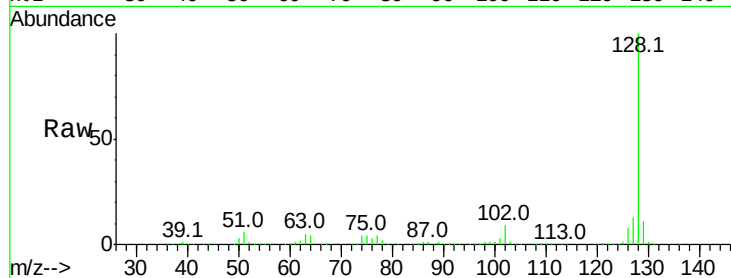
127 13.4 10.8 16.2

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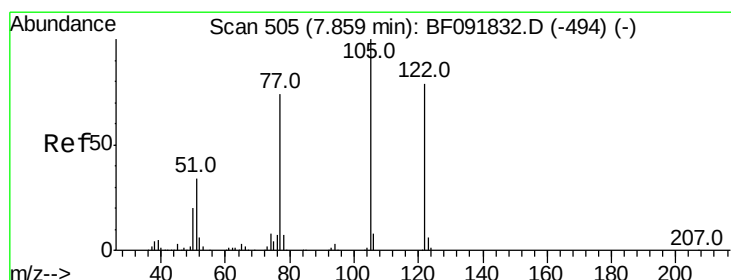
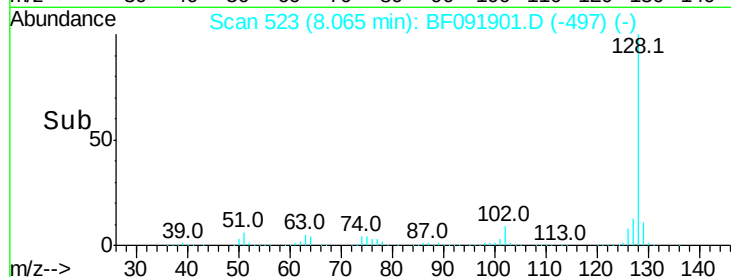
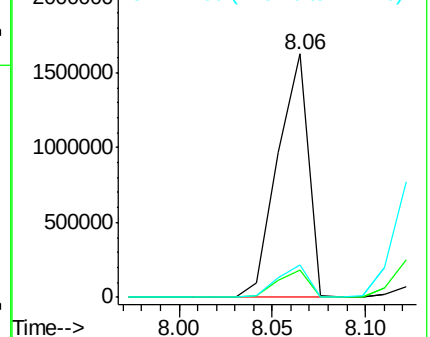
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.19 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

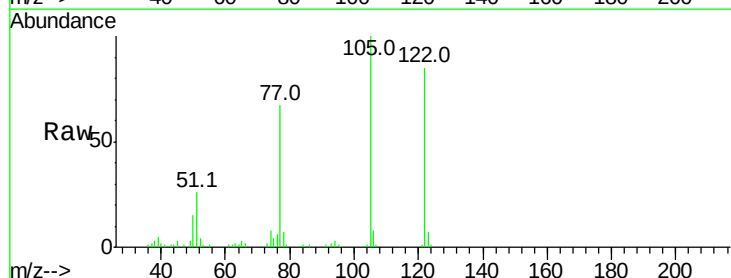
Tgt Ion:122 Resp: 154600

Ion Ratio Lower Upper

122 100

105 118.0 107.2 147.2

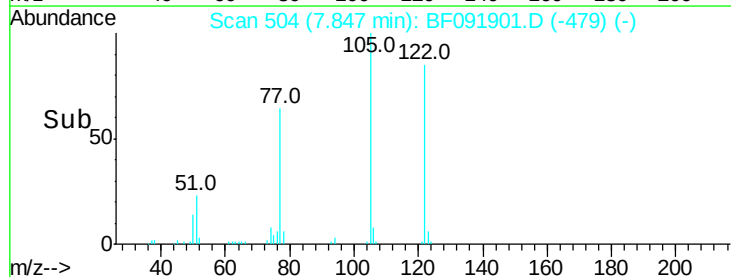
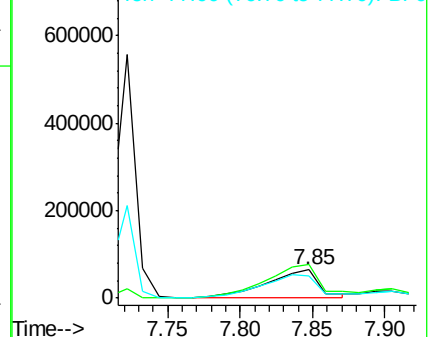
77 79.3 74.5 114.5

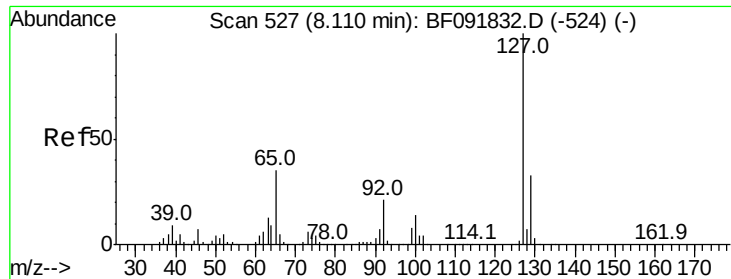


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





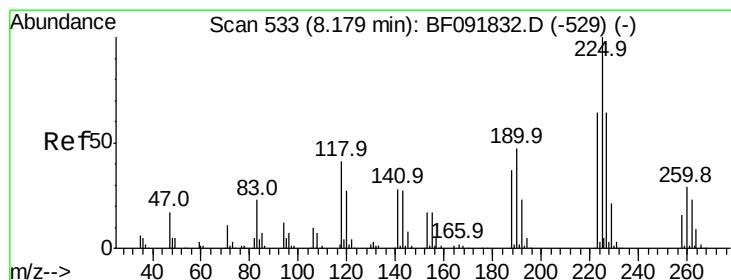
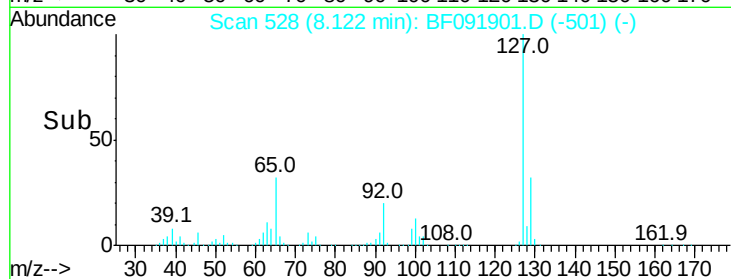
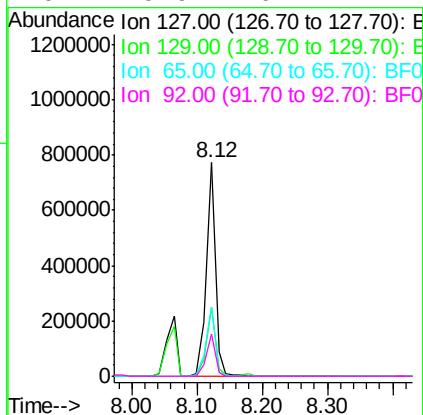
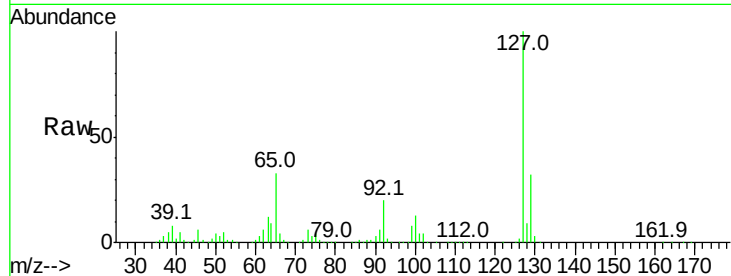
#33
4-Chloroaniline
Concen: 36.05 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.3	39.5	
65	32.5	25.8	38.8	
92	19.9	16.1	24.1	

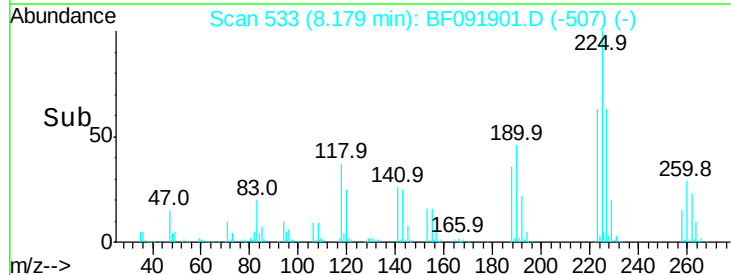
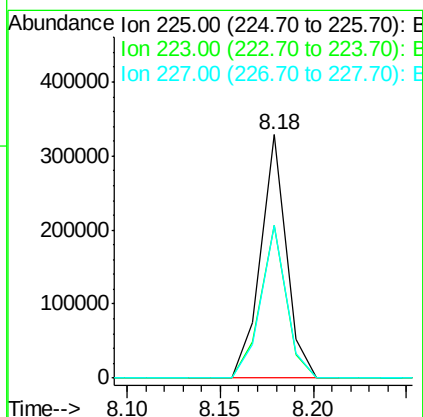
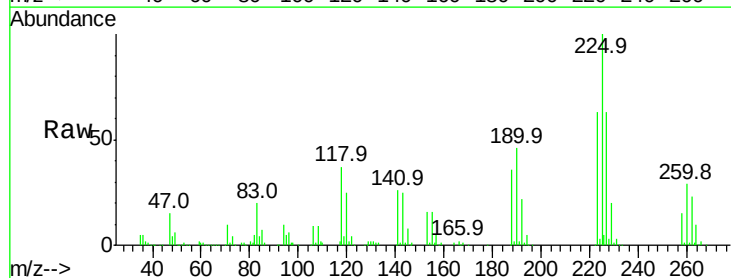
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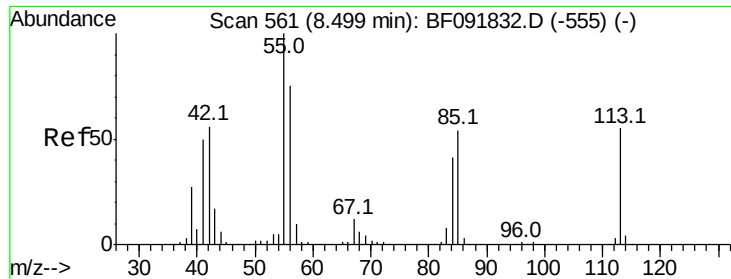
SOHIL
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#34
Hexachlorobutadiene
Concen: 40.40 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	51.0	76.6	
227	62.7	50.6	76.0	





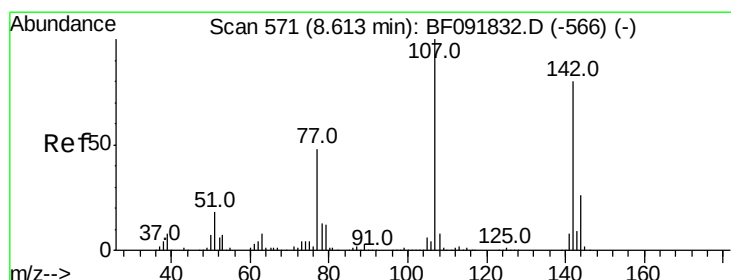
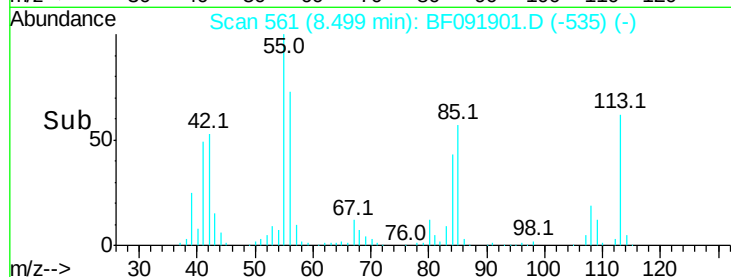
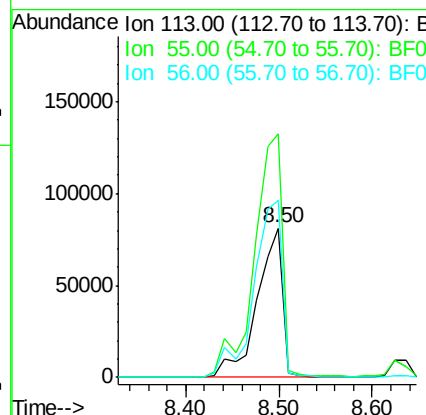
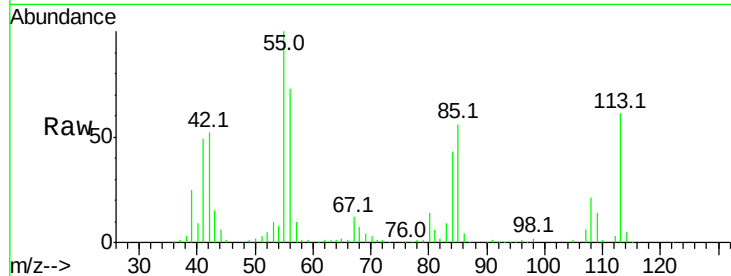
#35
 Caprolactam
 Concen: 35.08 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.3	119.2	159.2#
56	118.8	83.8	123.8

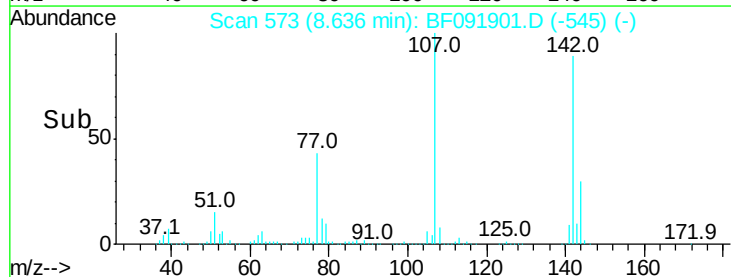
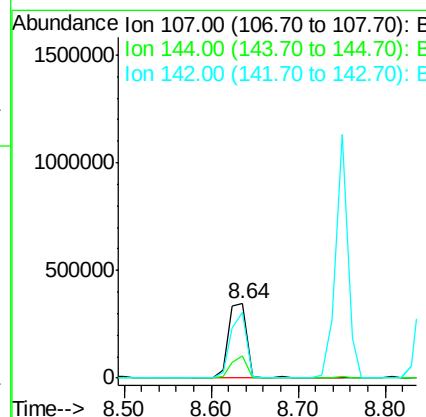
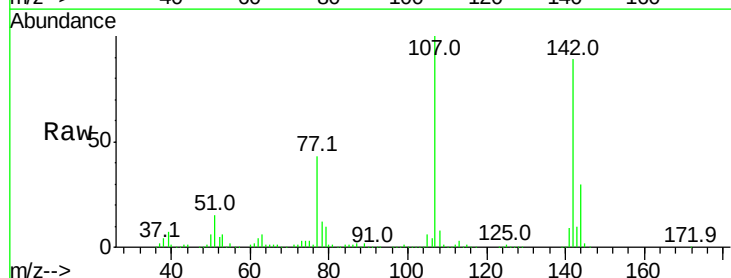
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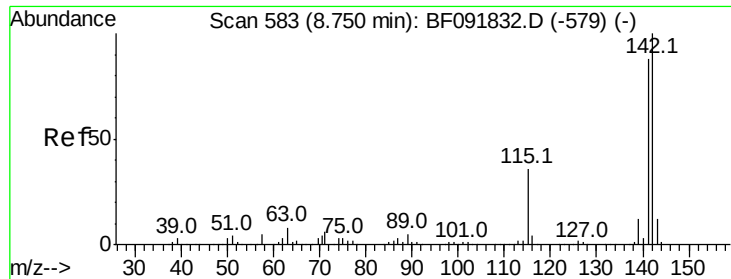
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#36
 4-Chloro-3-methylphenol
 Concen: 33.09 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.5	19.3	28.9#
142	89.3	59.0	88.6#





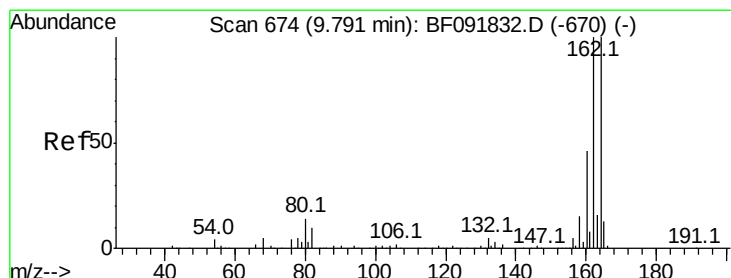
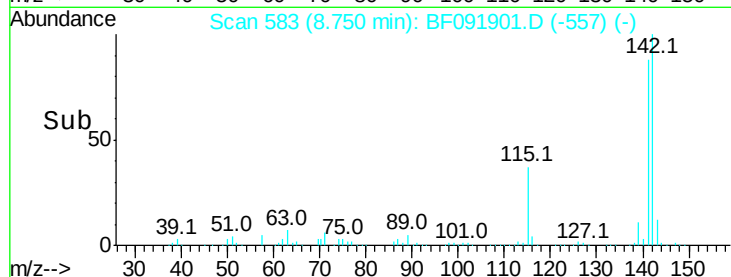
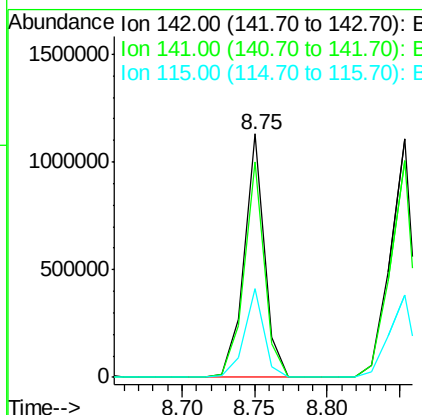
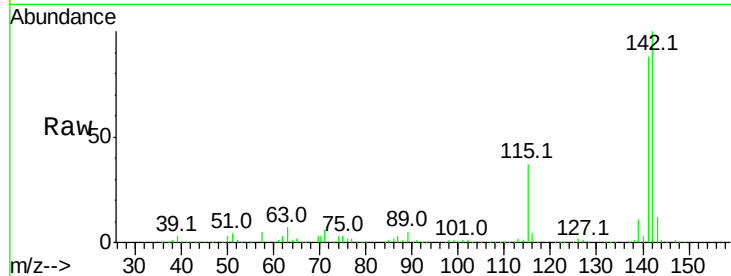
#37
2-Methylnaphthalene
Concen: 36.86 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	36.7	28.3	42.5

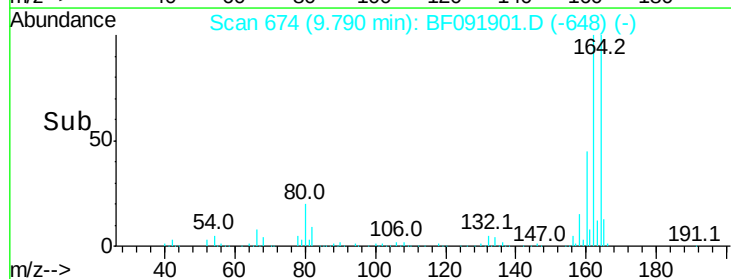
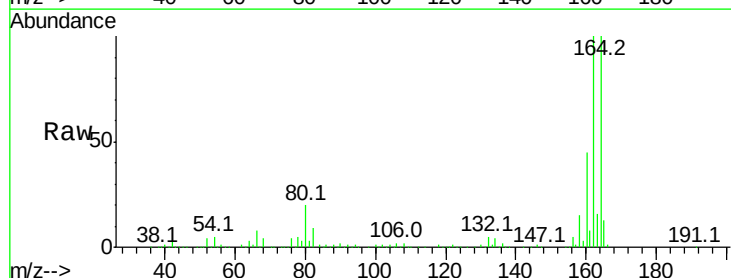
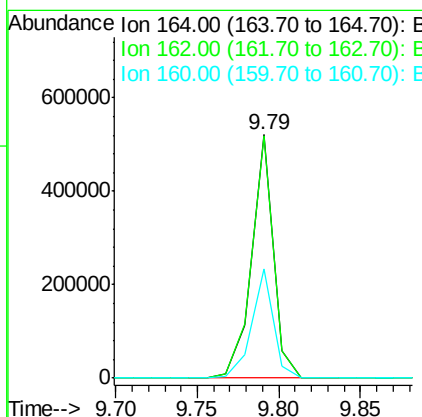
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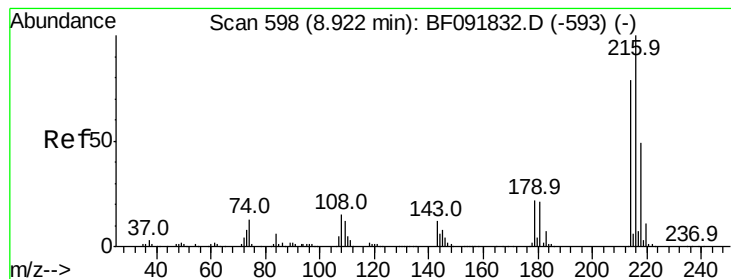
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.2
160	44.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.32 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

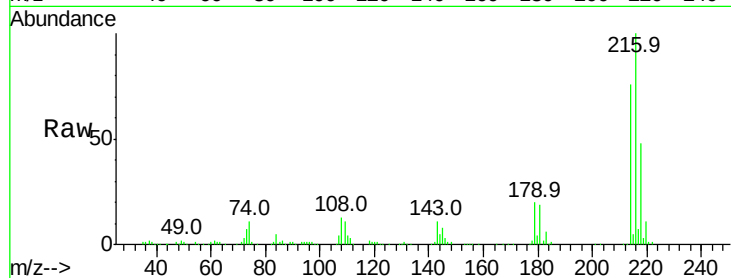
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.7	63.4	95.0
179	22.1	17.4	26.2
108	18.8	15.6	23.4

Manual Integrations
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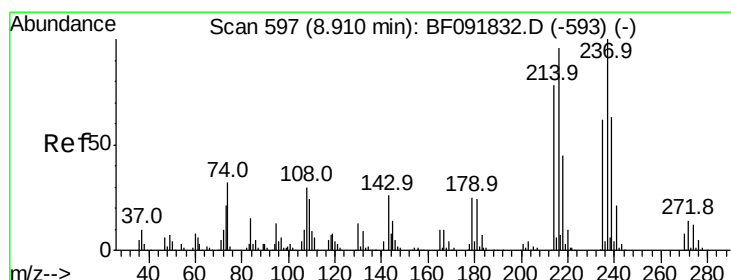
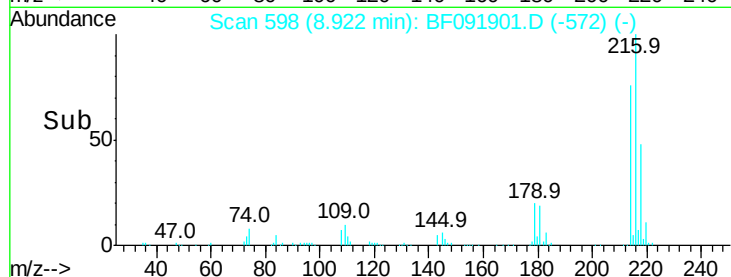
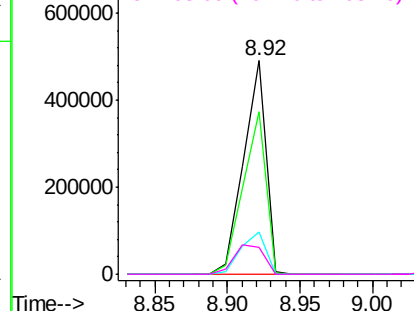


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 18.88 ng

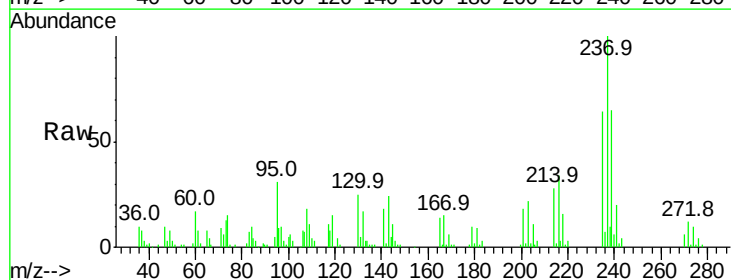
RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

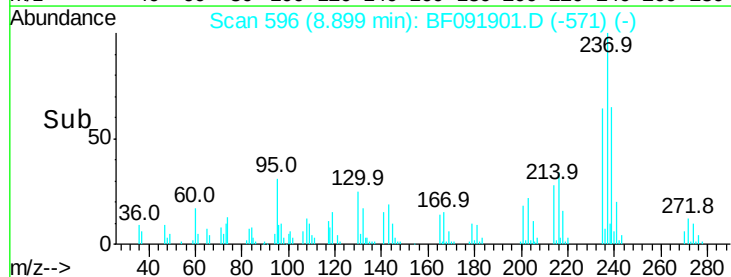
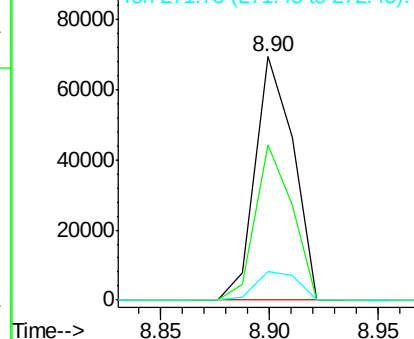
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	41.2	81.2
272	12.0	0.0	35.4

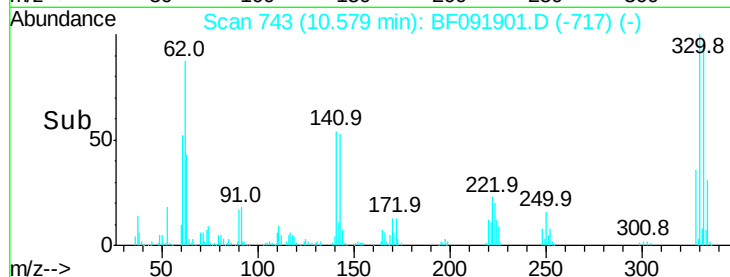
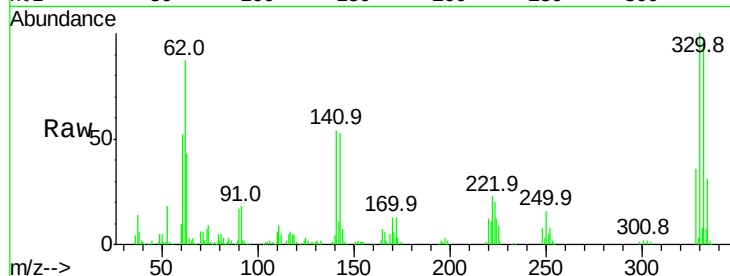
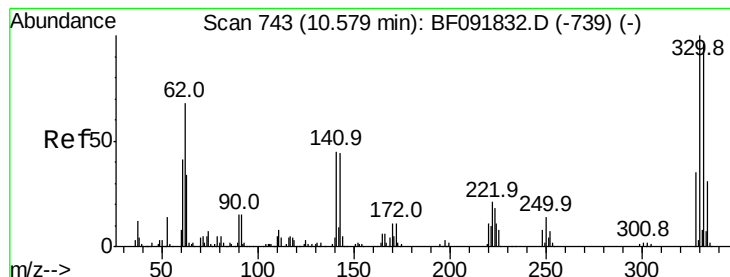


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 56.65 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Tot Ion:	330	Resp:	225532
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.4	116.2
141	39.5	34.1	51.1

Instrument :

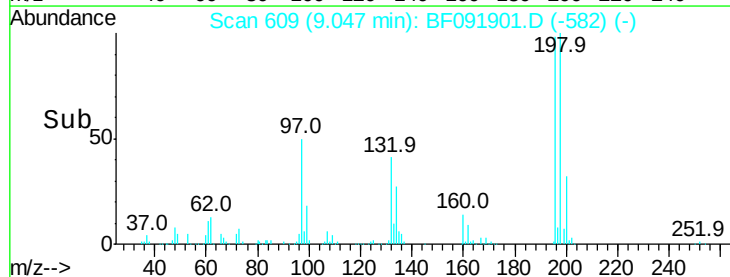
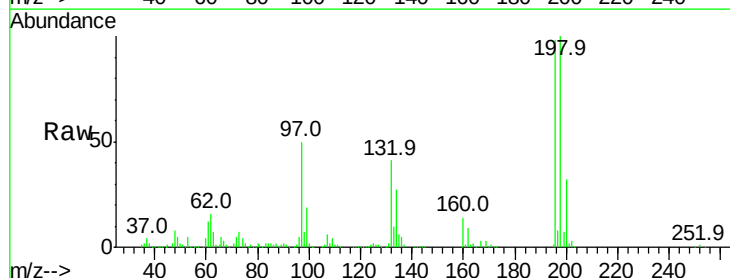
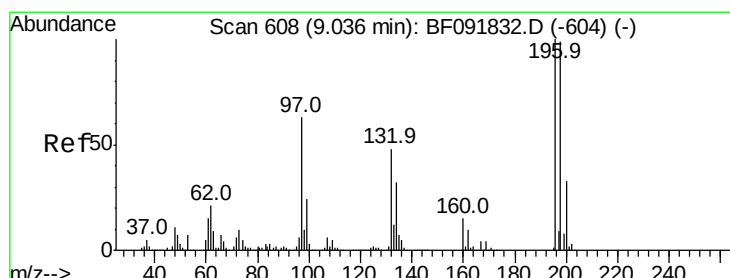
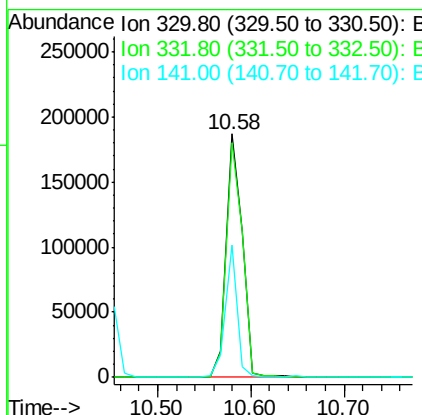
BNA_F

ClientSampled :

SSTDCCC040

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#42

2,4,6-Trichlorophenol

Concen: 36.25 ng

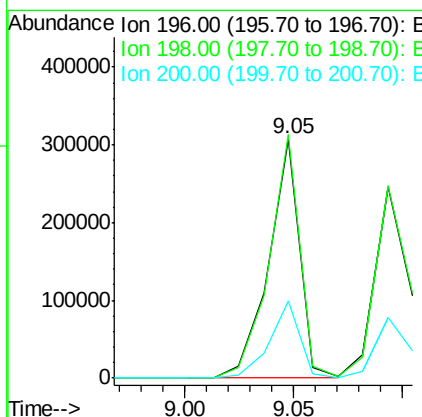
RT: 9.05 min Scan# 609

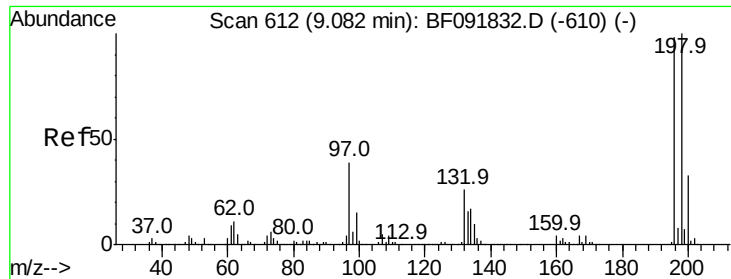
Delta R.T. 0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Tgt Ion:	196	Resp:	308128
Ion Ratio	Lower	Upper	
196	100		
198	101.8	82.1	123.1
200	32.3	27.0	40.4





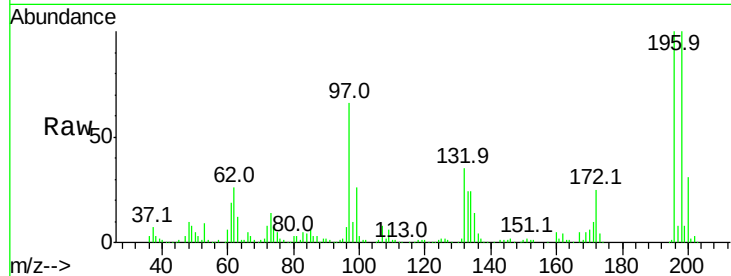
#43
 2,4,5-Trichlorophenol
 Concen: 30.81 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	269540
Ion Ratio	Lower	Upper	
196	100		
198	100.1	79.4	119.2
97	66.3	51.5	77.3
132	34.8	27.4	41.2

Manual Integrations
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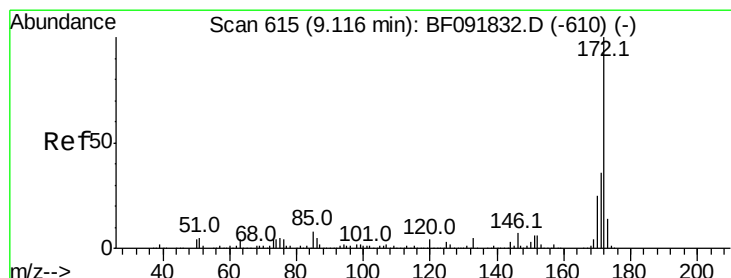
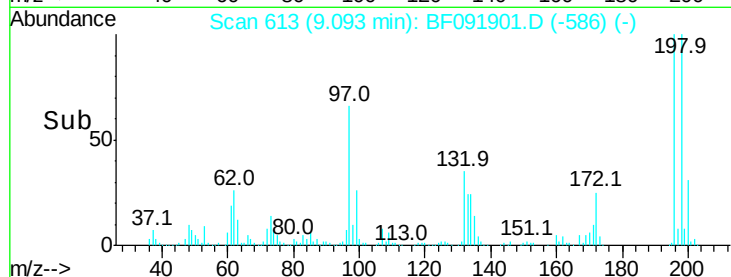
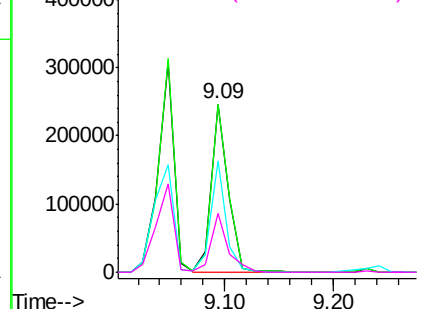
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.40 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

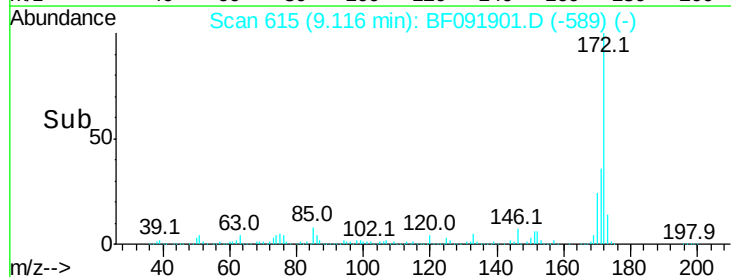
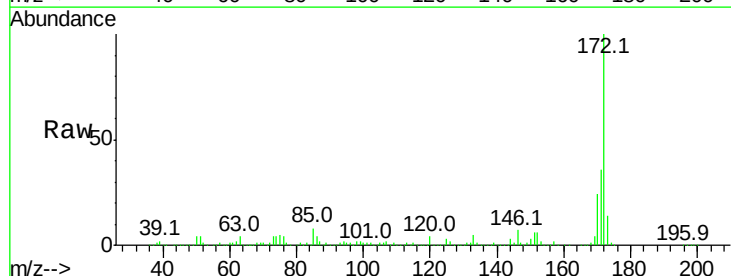
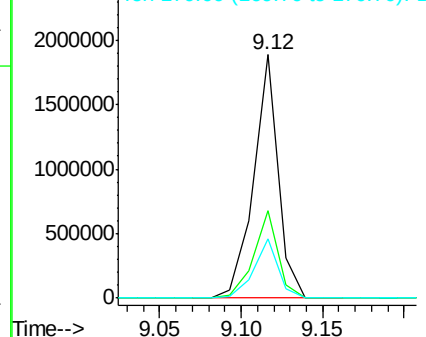
Tgt Ion:	172	Resp:	1963762
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.4	44.0
170	24.5	20.2	30.4

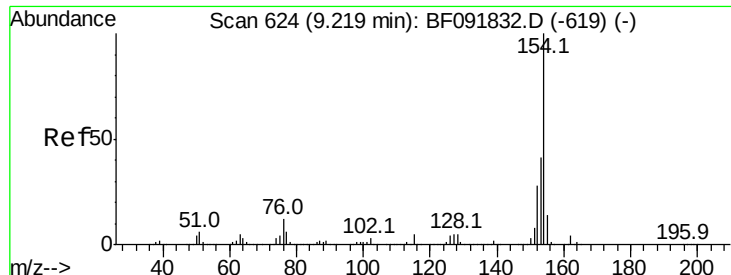
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





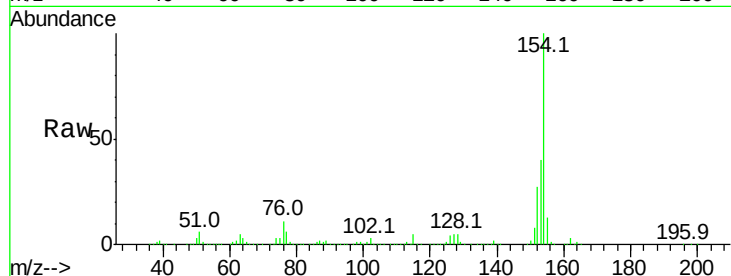
#45
1,1'-Biphenyl
Concen: 44.70 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.9	60.9
76	11.5	0.0	30.5

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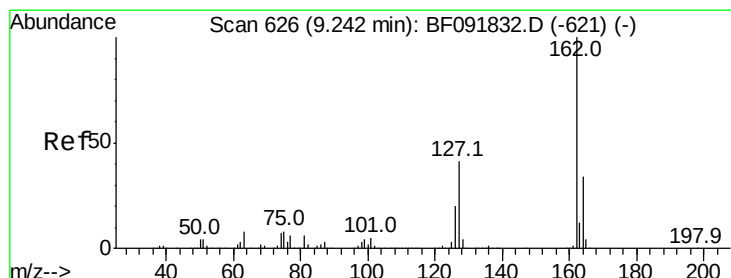
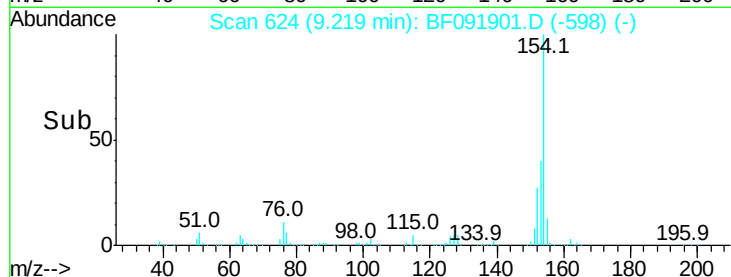
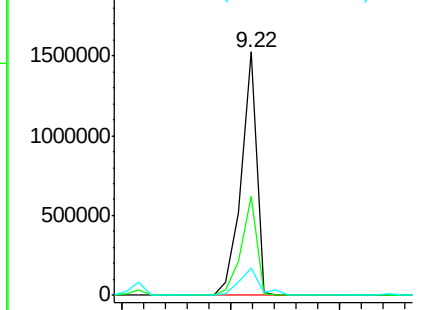


Abundance

Ion 154.00 (153.70 to 154.70): E

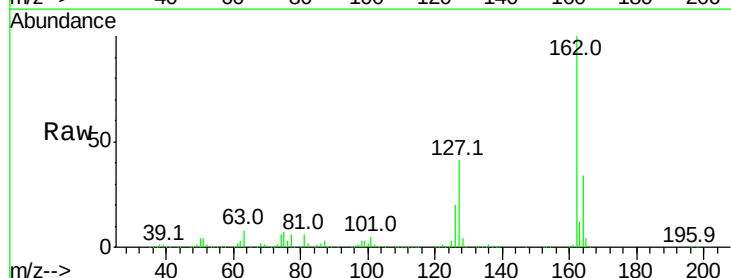
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
2-Chloronaphthalene
Concen: 40.84 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	30.7	46.1
164	33.9	27.6	41.4

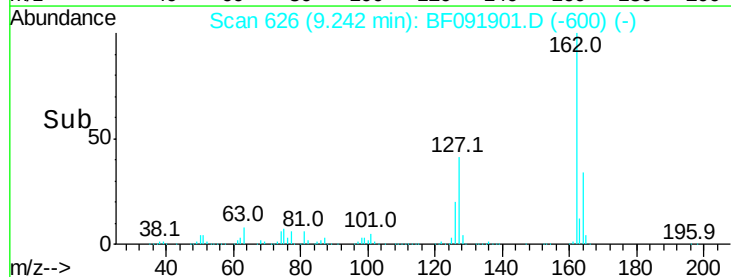
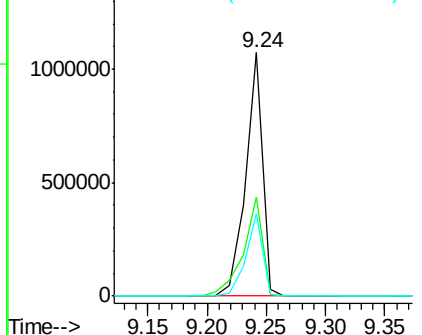


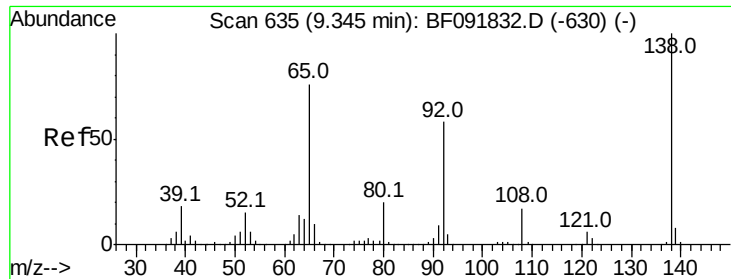
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





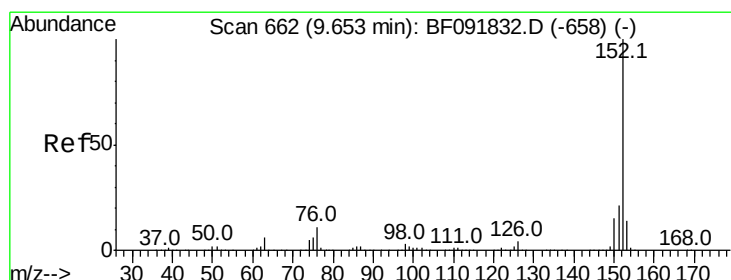
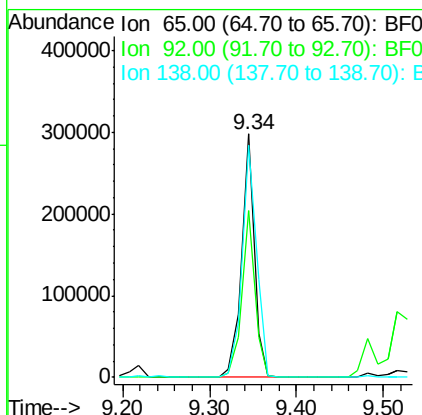
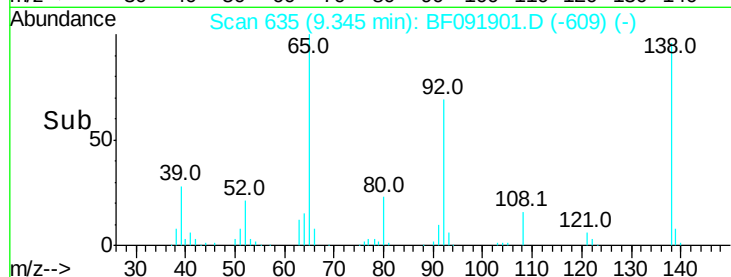
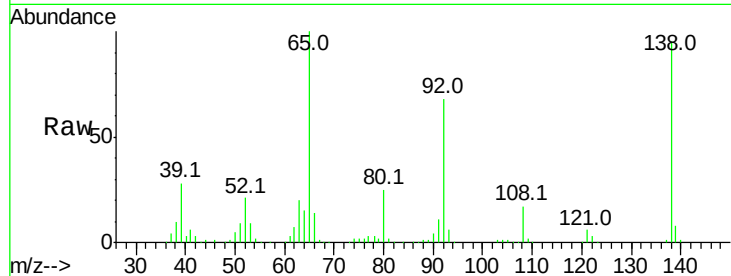
#47
 2-Nitroaniline
 Concen: 32.84 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	65	Resp:	305005
Ion Ratio	Lower	Upper	
65	100		
92	68.4	53.9	80.9
138	95.3	76.8	115.2

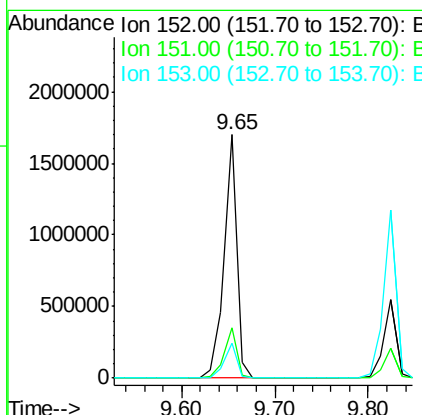
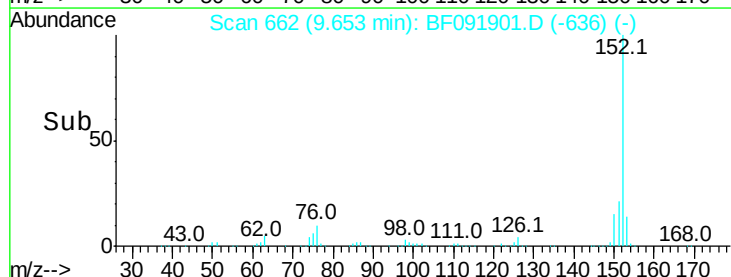
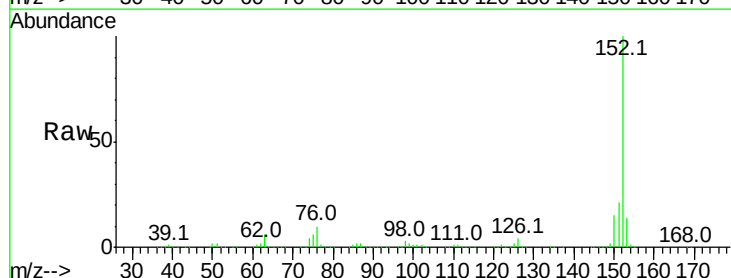
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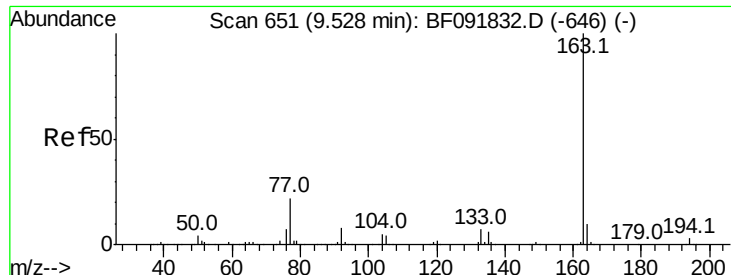
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#48
 Acenaphthylene
 Concen: 39.94 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion:	152	Resp:	1602273
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.9	25.3
153	14.4	11.4	17.2





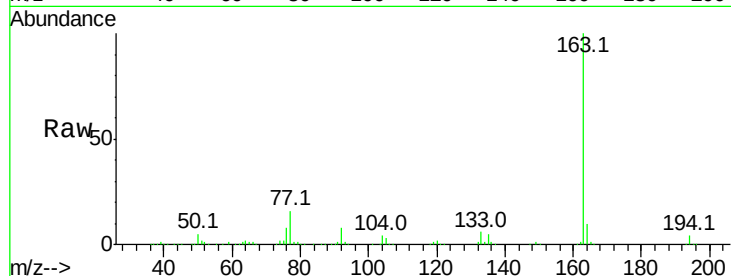
#49
Dimethylphthalate
Concen: 42.53 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

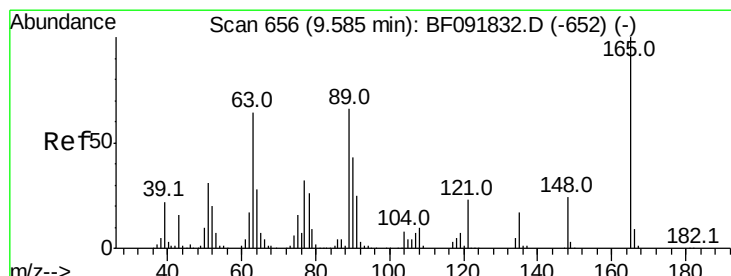
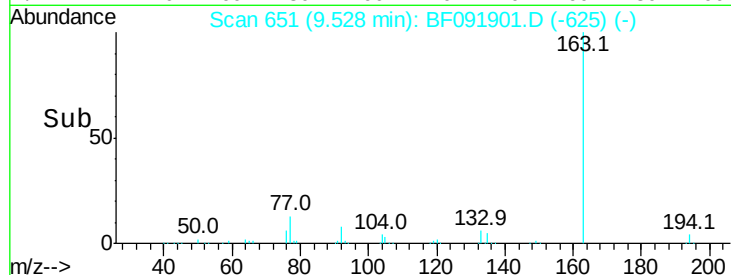
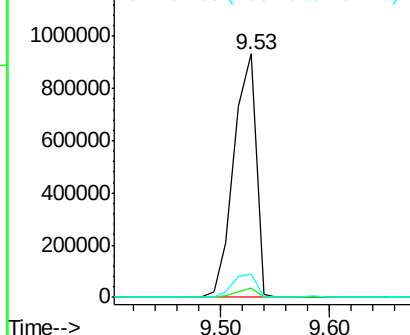
Tot Ion:163 Resp: 1308410
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.8 8.0 12.0

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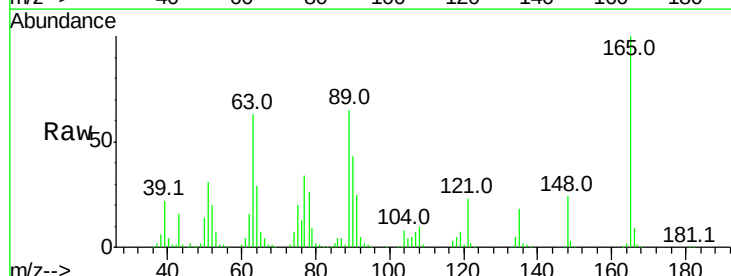


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

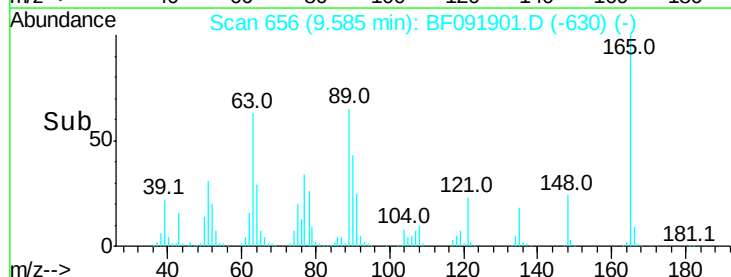
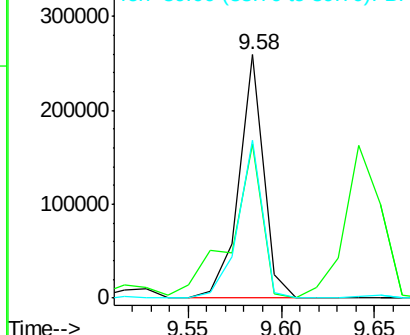


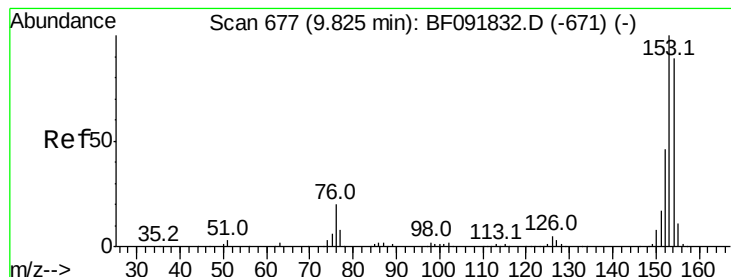
#50
2,6-Dinitrotoluene
Concen: 35.49 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion:165 Resp: 238986
Ion Ratio Lower Upper
165 100
63 63.4 36.2 54.4#
89 65.0 40.2 60.4#



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: 36.91 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1003876

Ion Ratio Lower Upper

154 100

153 111.0 88.6 133.0

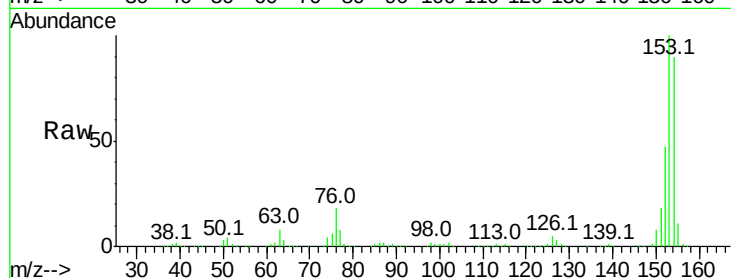
152 51.8 41.6 62.4

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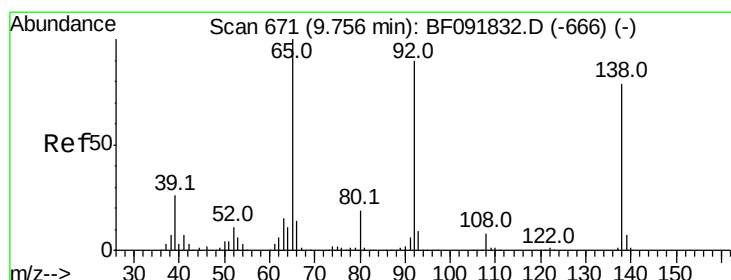
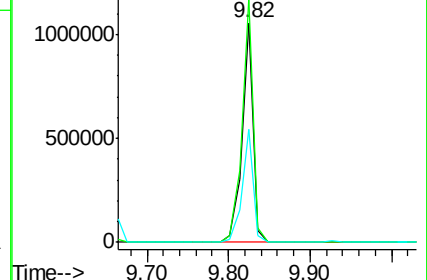
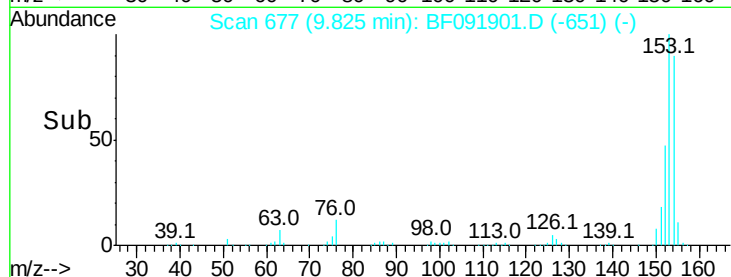
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.37 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

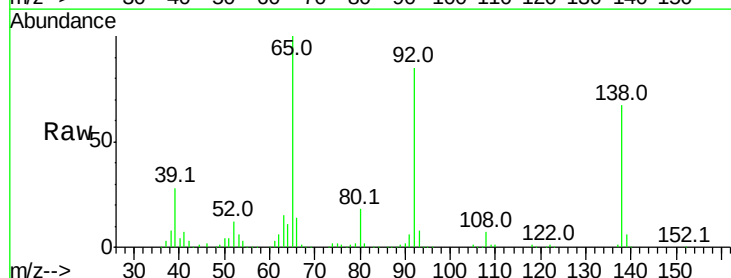
Tgt Ion:138 Resp: 278054

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

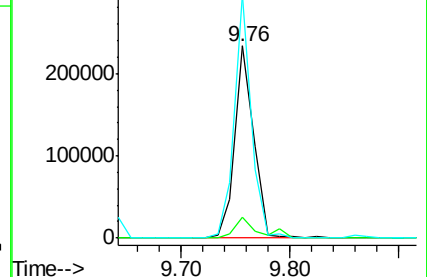
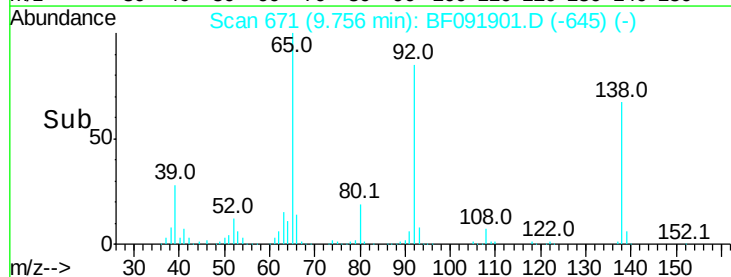
92 126.8 97.8 146.8

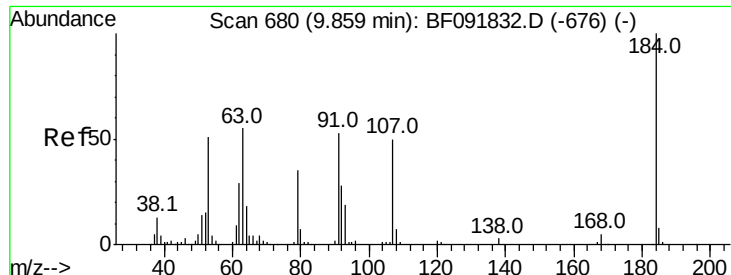


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





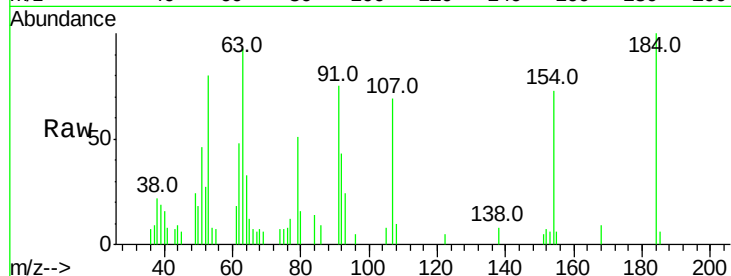
#53
2,4-Dinitrophenol
Concen: 3.14 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

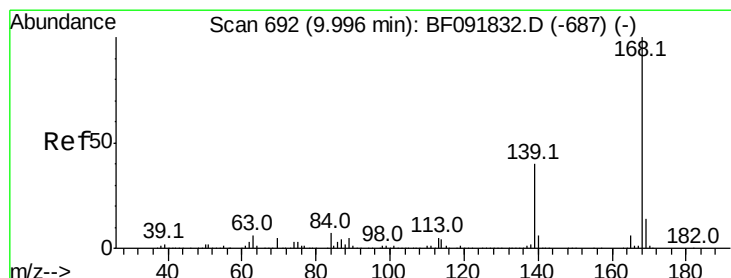
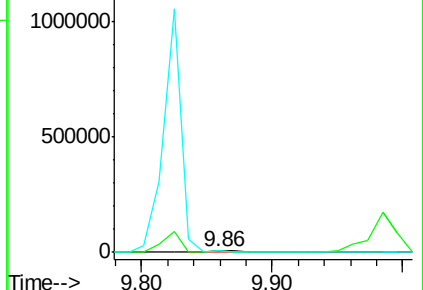
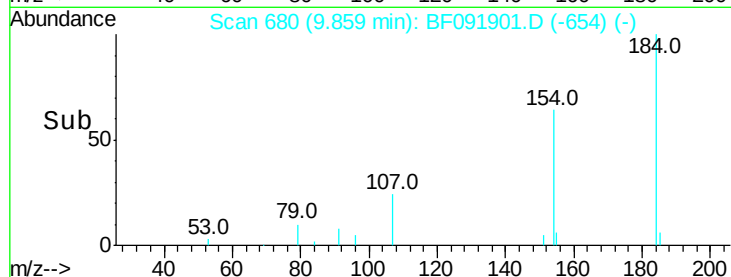
Tot Ion	Ratio	Lower	Upper
184	100		
63	93.2	28.4	42.6#
154	73.1	44.3	66.5#

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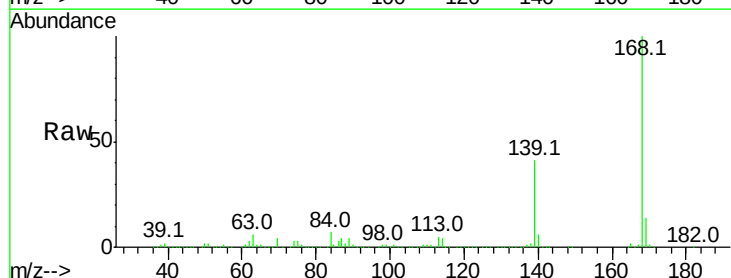


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

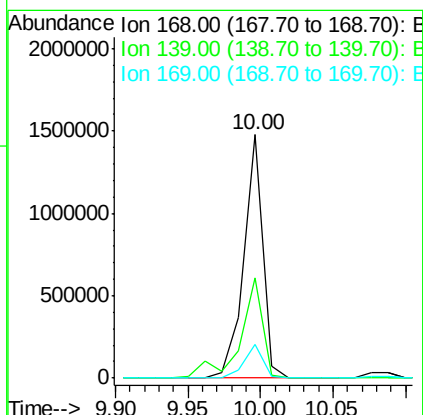
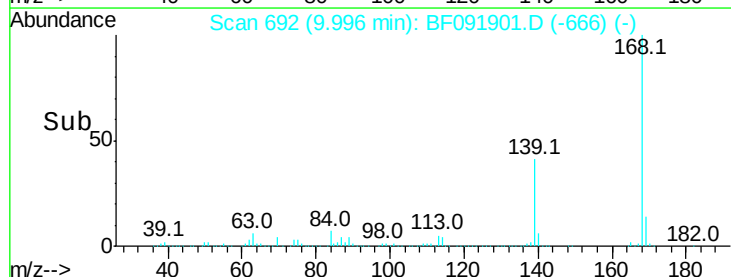


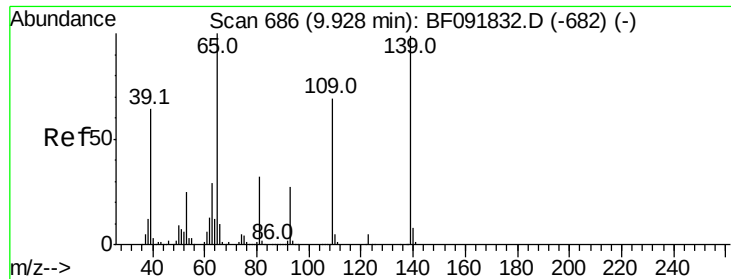
#54
Dibenzofuran
Concen: 36.47 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.6	49.0
169	13.9	11.3	16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





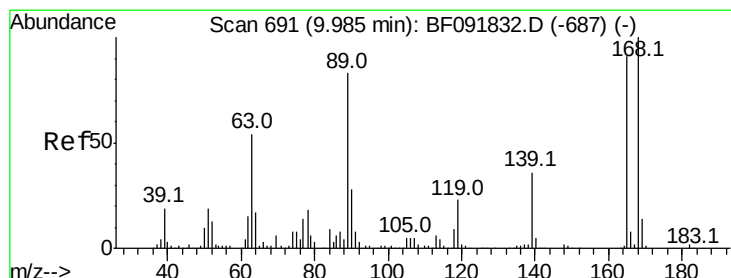
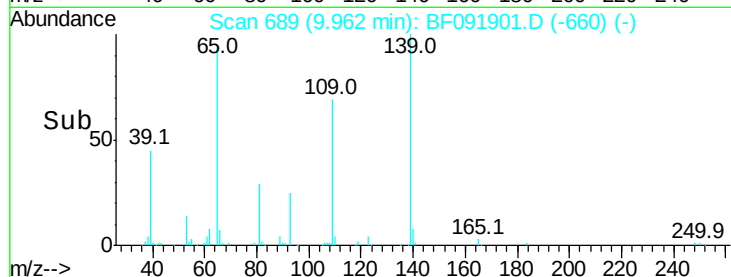
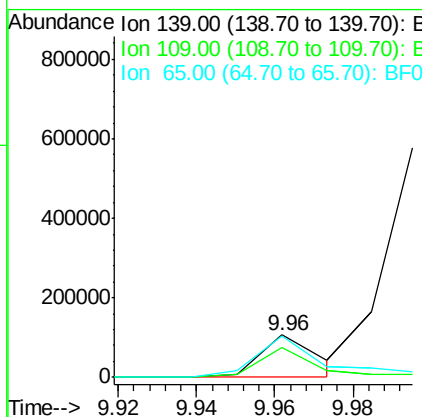
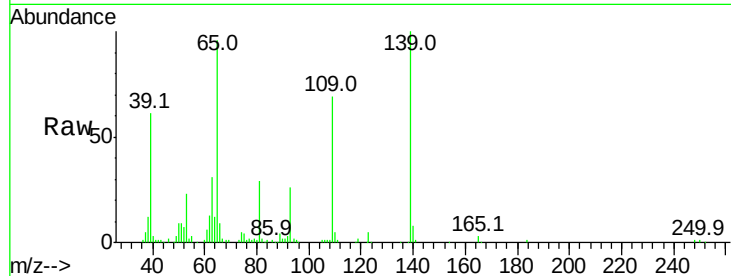
#55
4-Nitrophenol
Concen: 19.27 ng/ml
RT: 9.96 min Scan# 689
Delta R.T. 0.03 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.9	52.2	92.2
65	96.4	85.8	125.8

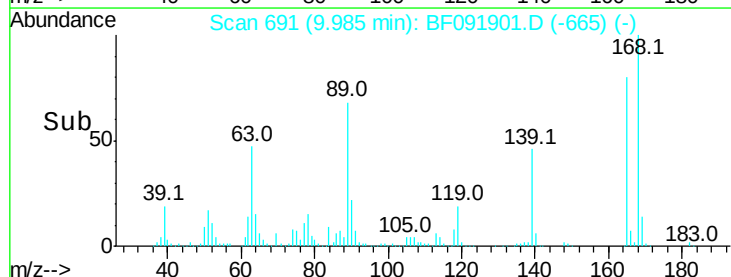
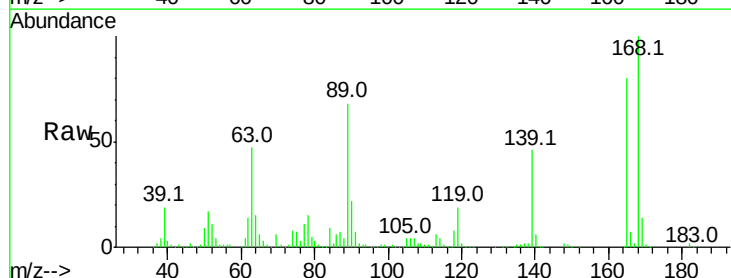
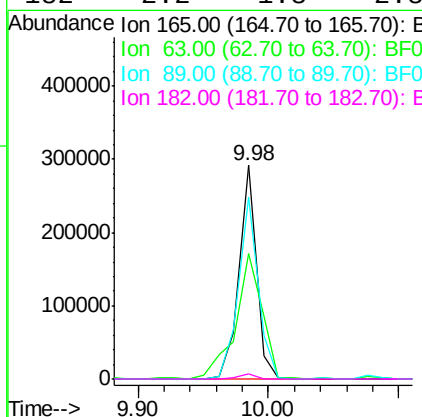
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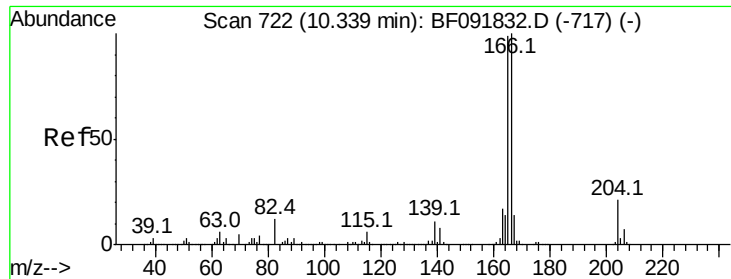
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#56
2,4-Dinitrotoluene
Concen: 31.90 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.6	40.2	60.4
89	85.0	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 40.40 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1079605

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.8

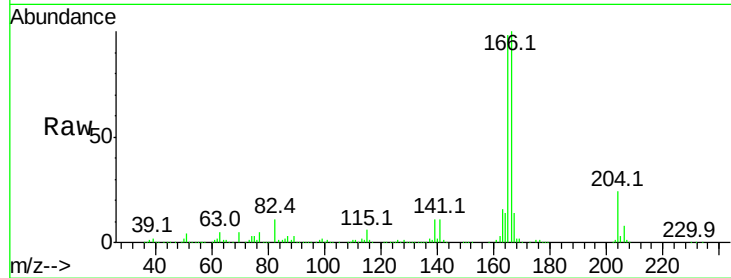
167 13.5 10.8 16.2

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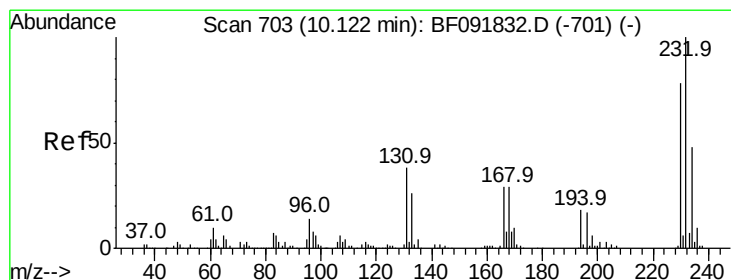
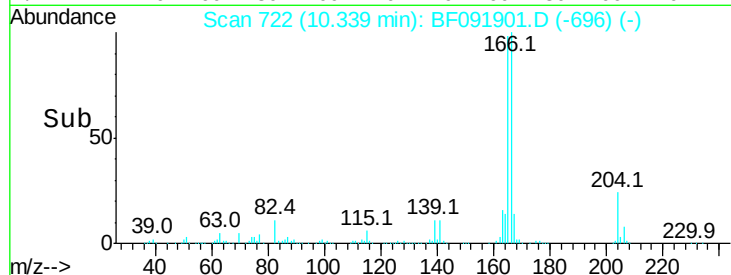
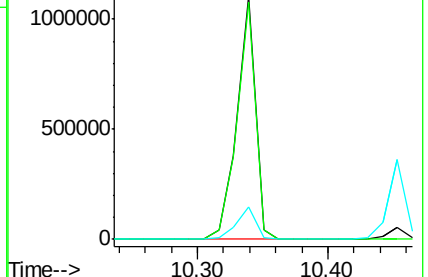
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 28.47 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Tgt Ion:232 Resp: 196989

Ion Ratio Lower Upper

232 100

131 50.3 40.1 60.1

130 2.3 1.8 2.8

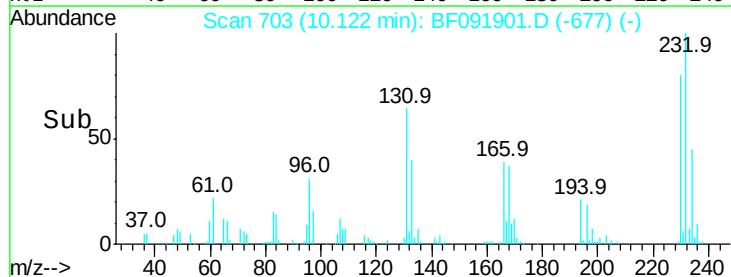
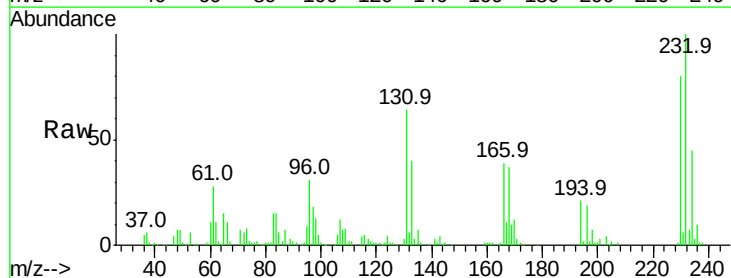
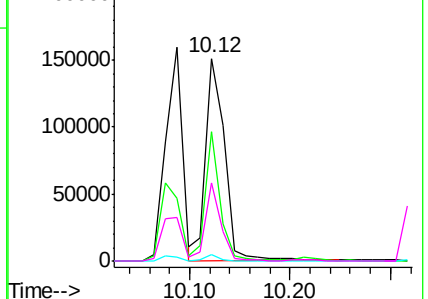
166 31.3 26.6 39.8

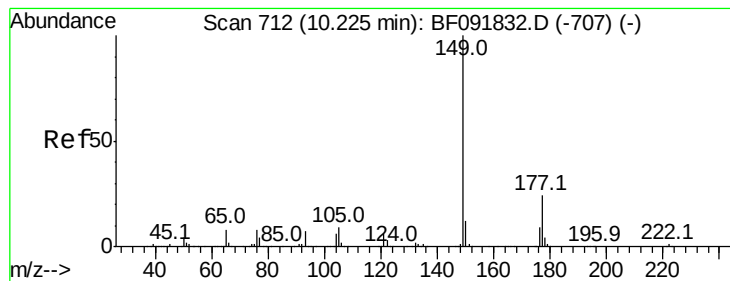
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.39 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1146980

Ion Ratio Lower Upper

149 100

177 20.7 16.6 25.0

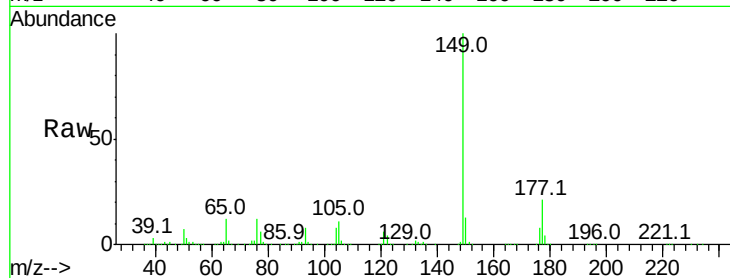
150 12.8 10.4 15.6

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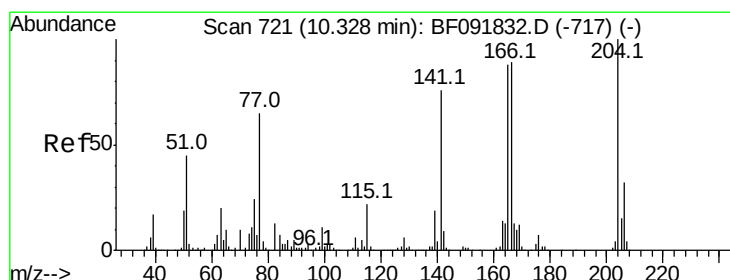
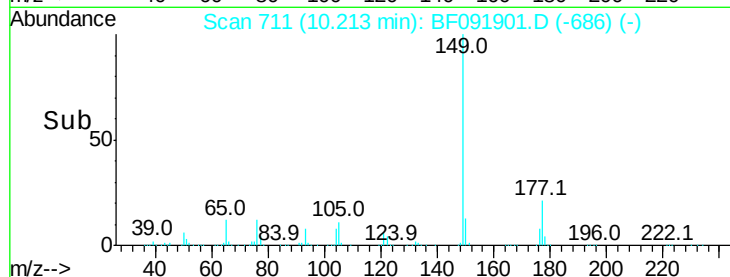
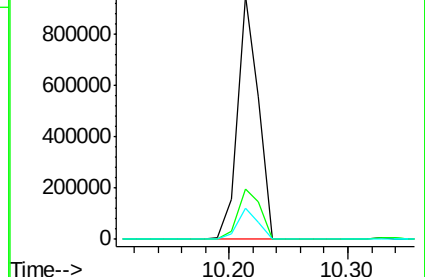
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.19 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

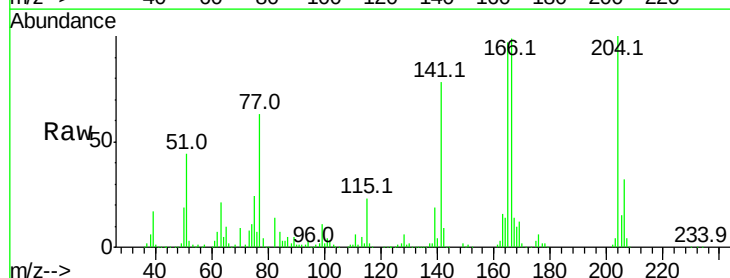
Tgt Ion:204 Resp: 470230

Ion Ratio Lower Upper

204 100

206 32.4 25.8 38.6

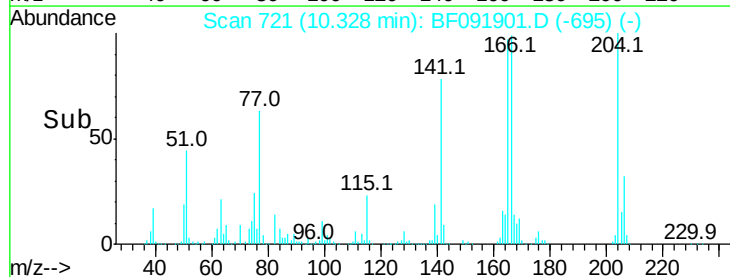
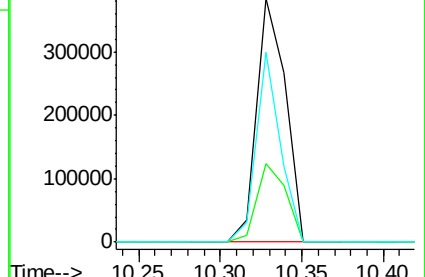
141 77.8 59.4 89.0

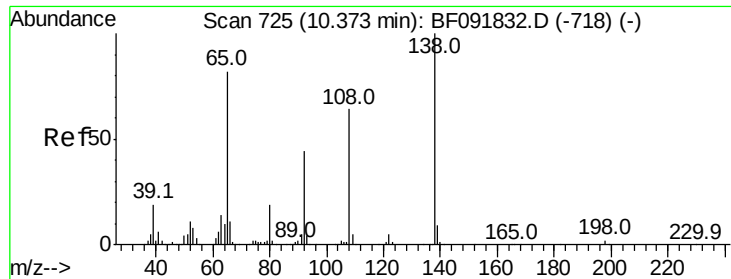


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





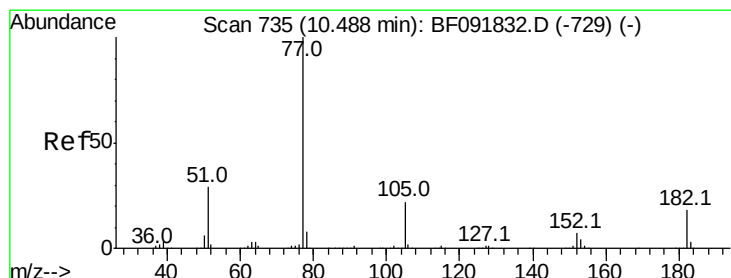
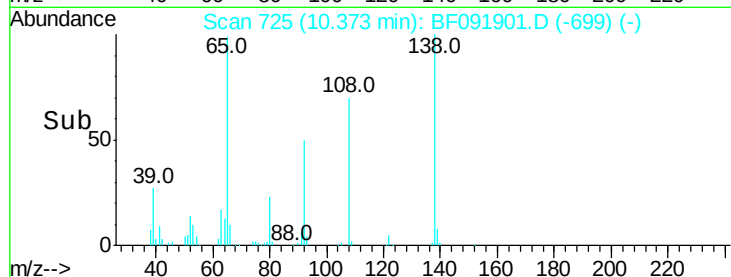
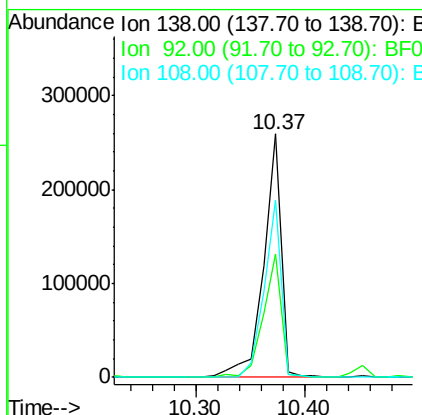
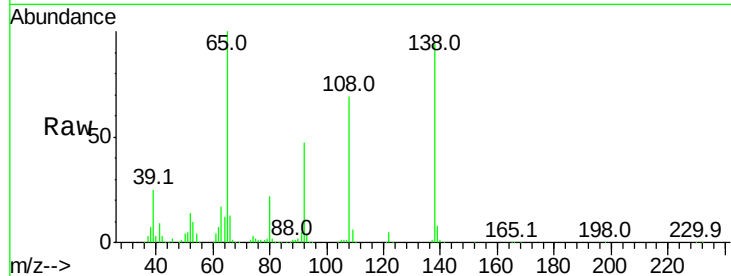
#61
4-Nitroaniline
Concen: 34.22 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.7	71.7
108	72.9	52.6	92.6

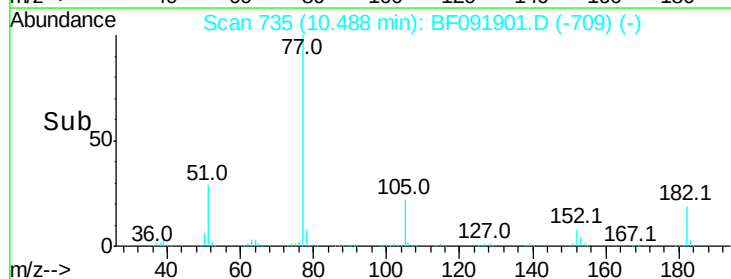
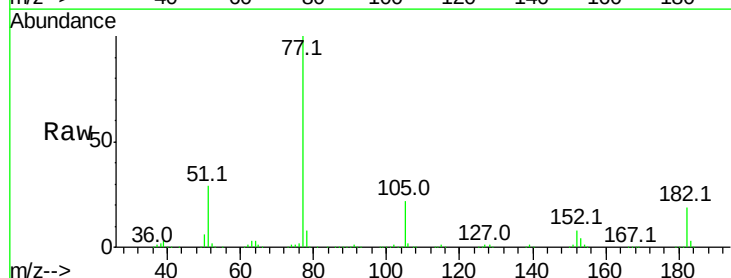
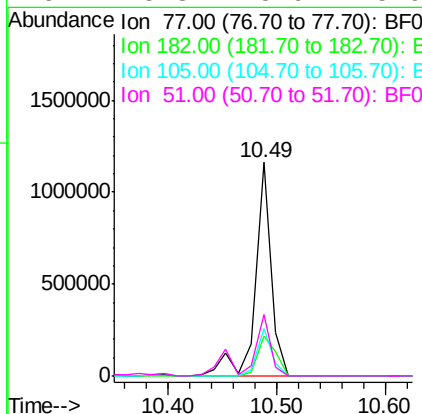
Manual Integrations
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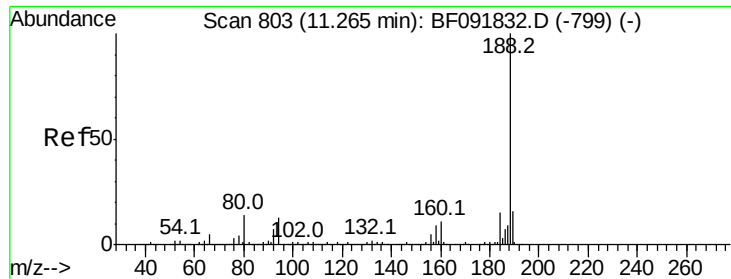
SOHIL
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#62
Azobenzene
Concen: 36.44 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.8	0.0	39.3
105	22.2	2.3	42.3
51	28.8	8.9	48.9





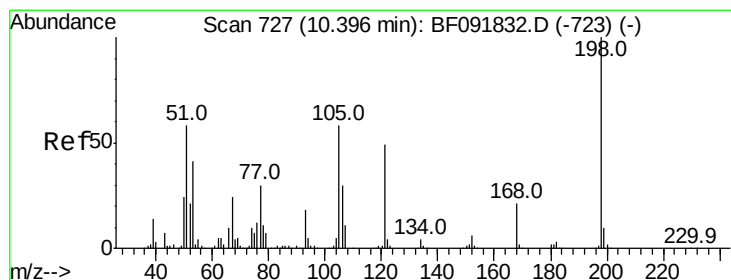
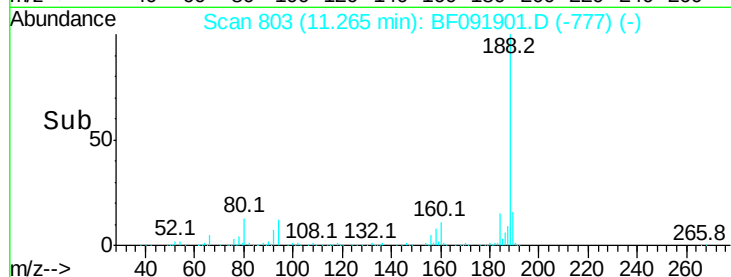
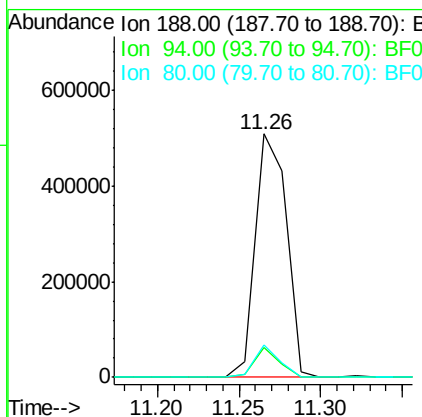
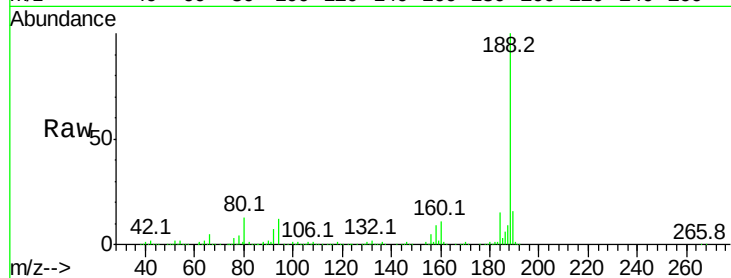
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	677928		
94	12.2		10.0	15.0
80	13.5		11.2	16.8

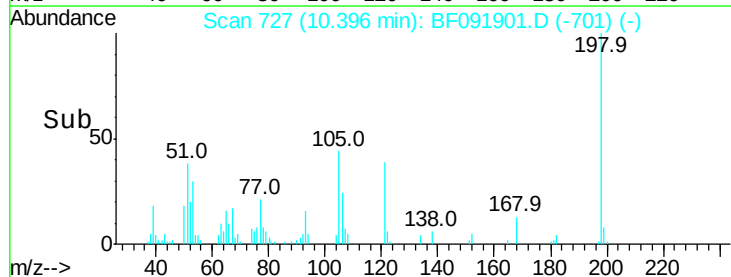
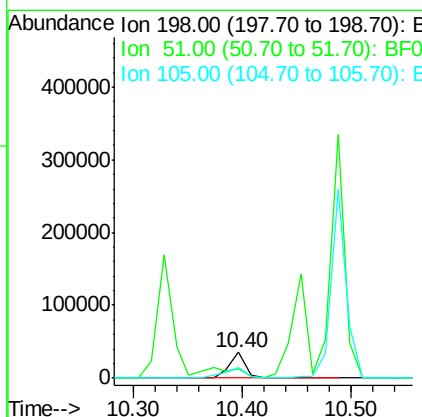
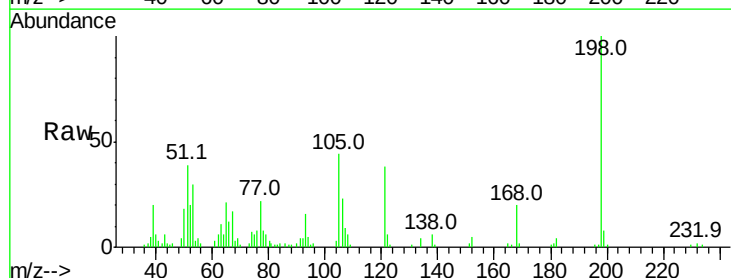
Manual Integrations
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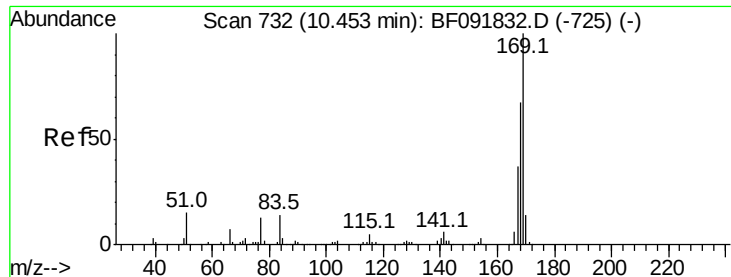
SOHIL
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#64
4,6-Dinitro-2-methylphenol
Concen: 8.89 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	36464		
51	38.7		6.7	46.7
105	43.5		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 44.35 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

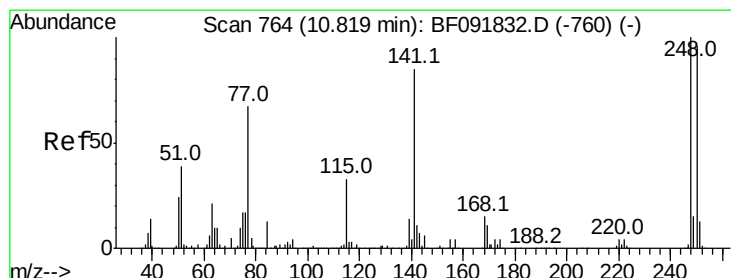
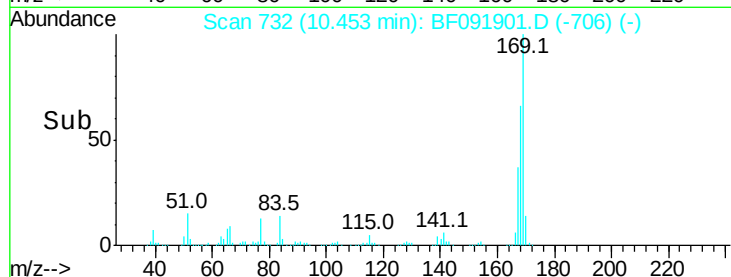
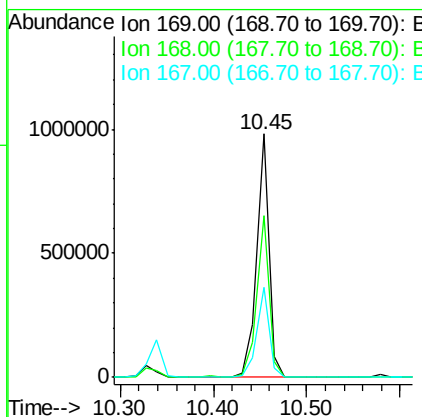
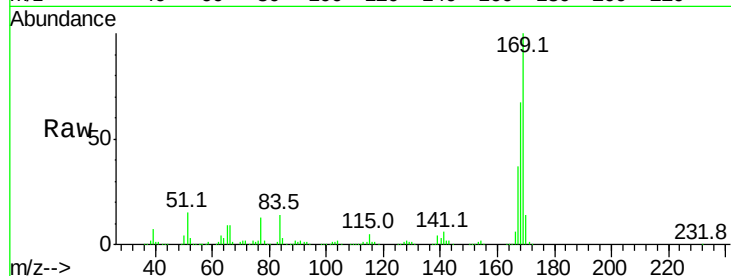
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	892119
Ion Ratio	Lower	Upper	
169	100		
168	66.6	54.2	81.2
167	36.9	30.2	45.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 43.09 ng

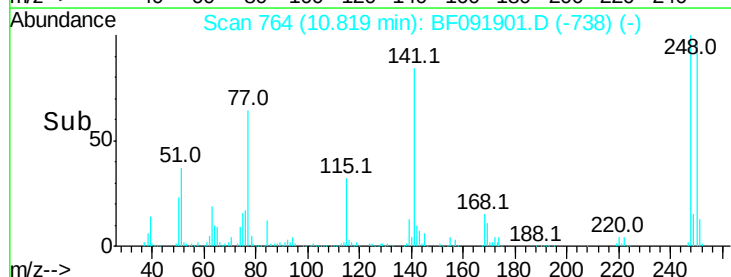
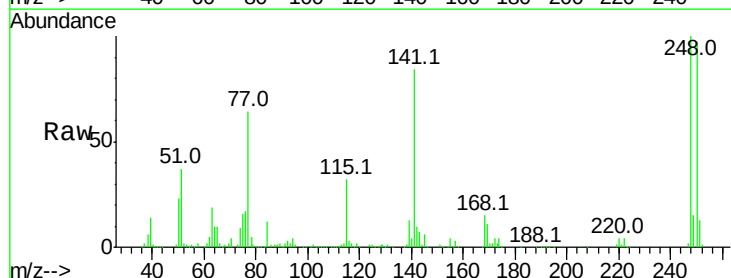
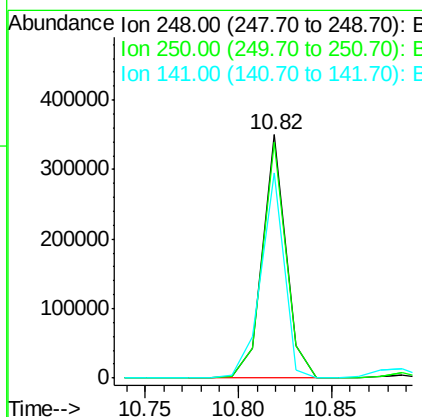
RT: 10.82 min Scan# 764

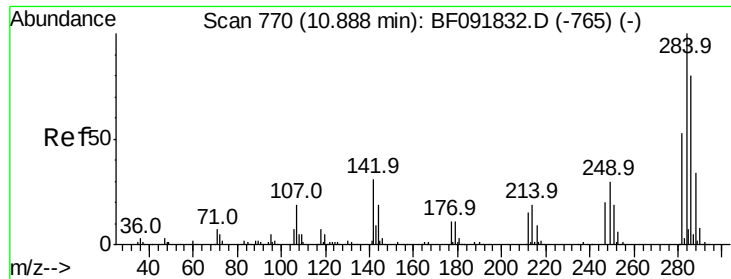
Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Tgt Ion:	248	Resp:	303843
Ion Ratio	Lower	Upper	
248	100		
250	97.0	76.9	115.3
141	84.4	68.2	102.4





#67

Hexachlorobenzene

Concen: 43.37 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

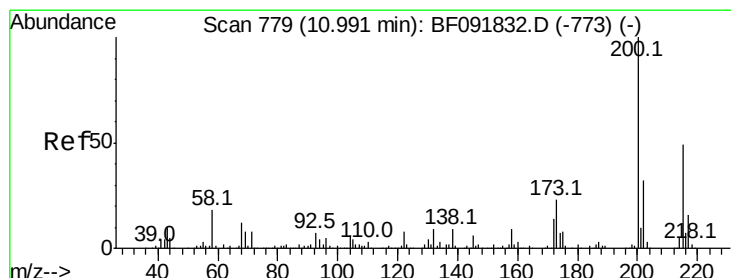
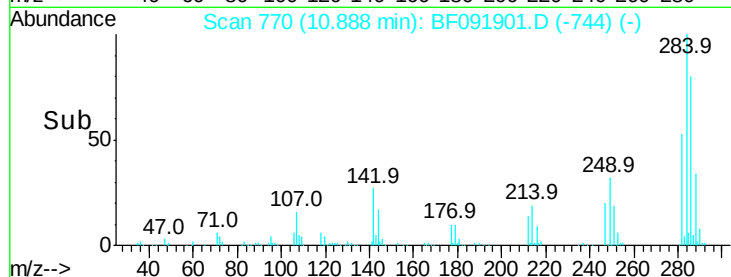
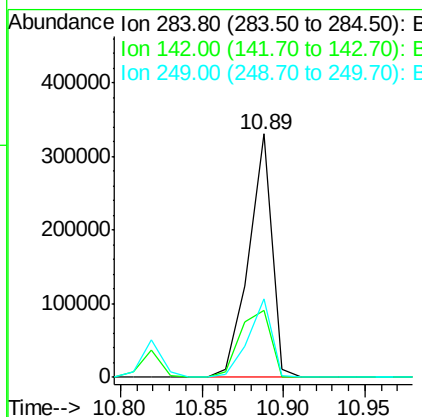
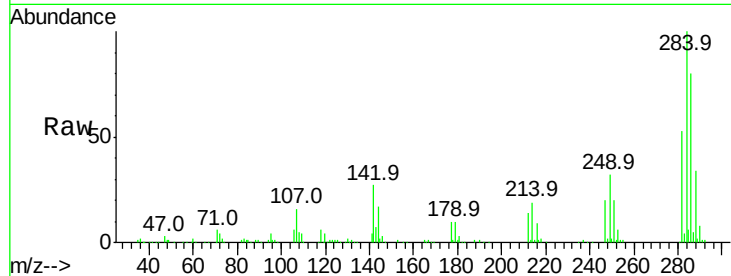
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	326887
Ion Ratio	Lower	Upper	
284	100		
142	27.4	22.6	33.8
249	32.1	25.4	38.0

Manual Integrations
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#68

Atrazine

Concen: 39.68 ng

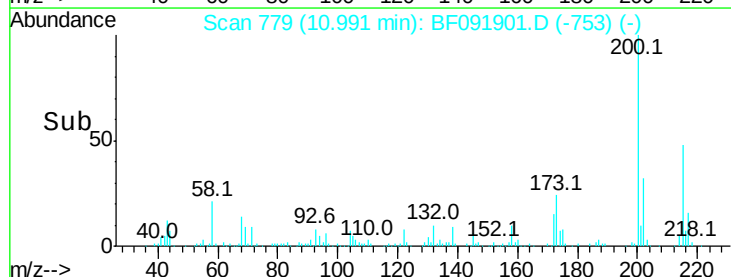
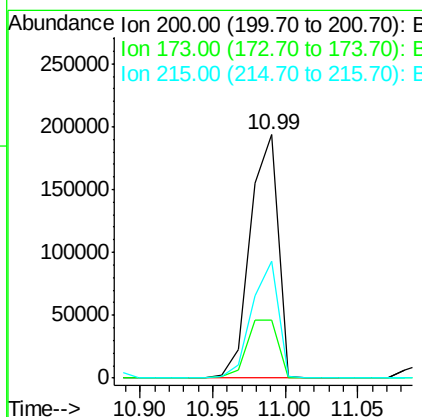
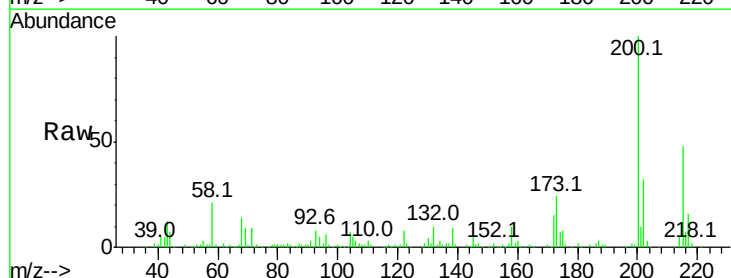
RT: 10.99 min Scan# 779

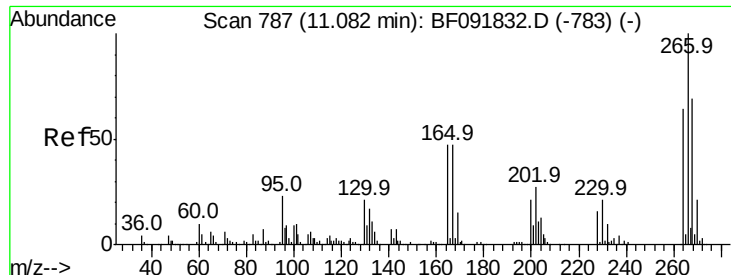
Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Tgt Ion:	200	Resp:	257497
Ion Ratio	Lower	Upper	
200	100		
173	23.8	9.6	49.6
215	47.9	25.7	65.7





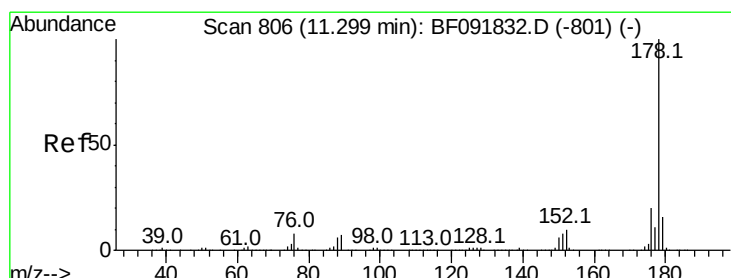
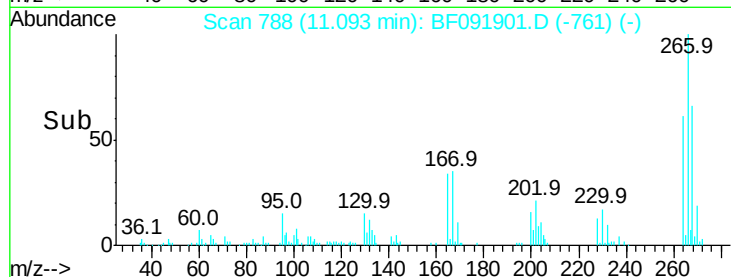
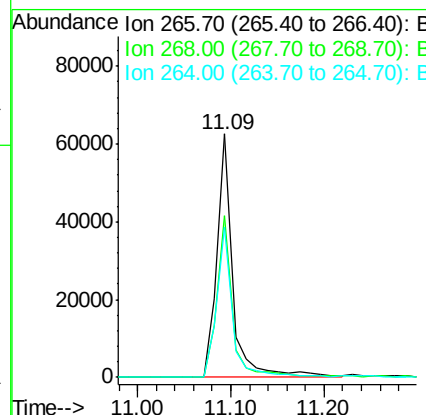
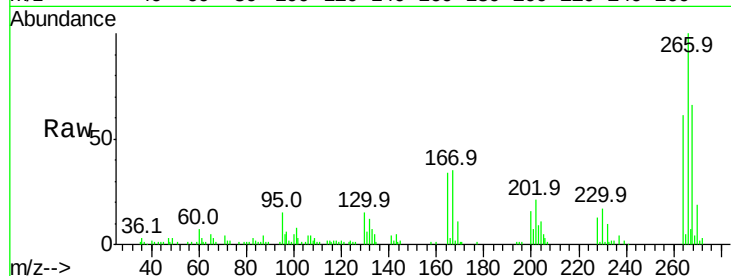
#69
 Pentachlorophenol
 Concen: 20.11 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	53.3	79.9
264	61.4	50.3	75.5

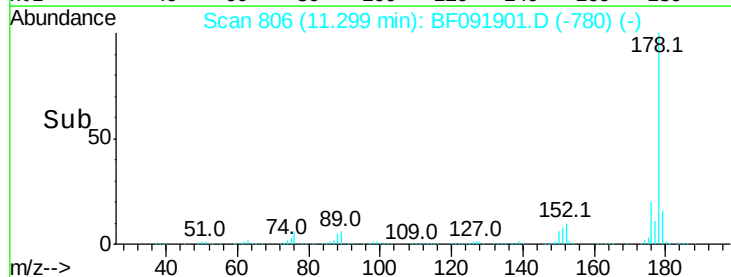
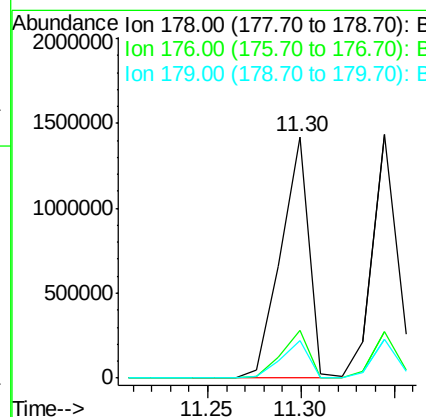
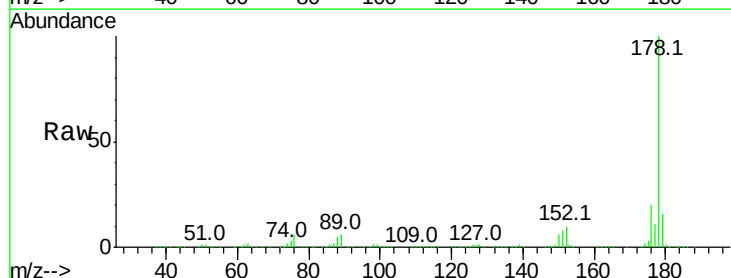
Manual Integrations
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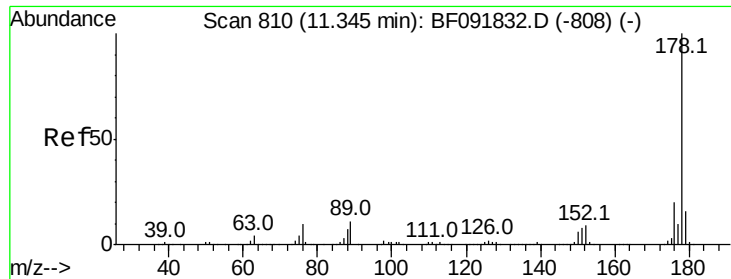
SOHIL
 12/23/2016 5:52:27 PM



#70
 Phenanthrene
 Concen: 40.34 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.6	12.8	19.2





#71
 Anthracene
 Concen: 38.72 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

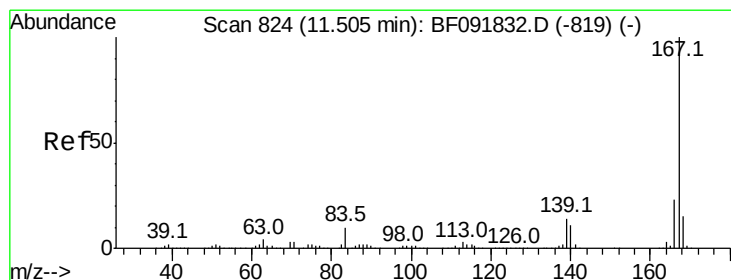
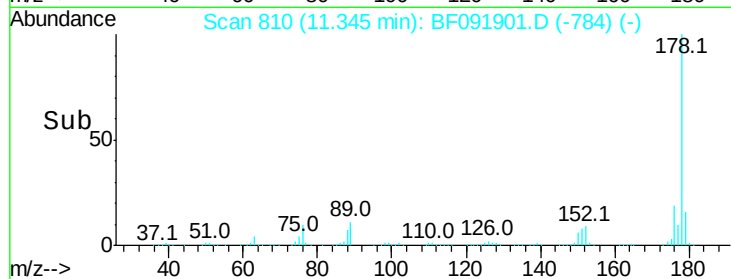
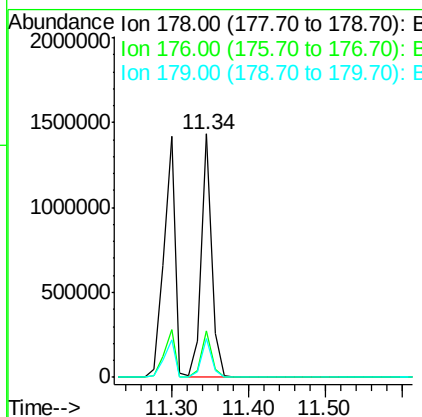
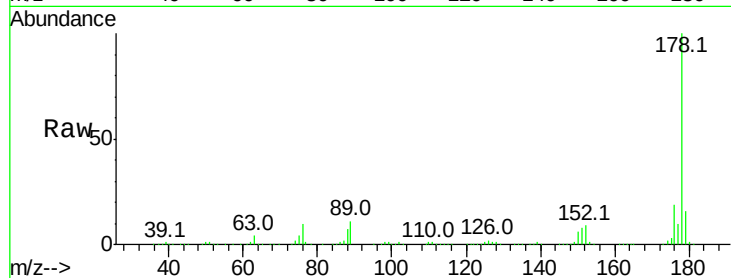
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1323182

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.9	13.2	19.8

Manual Integrations
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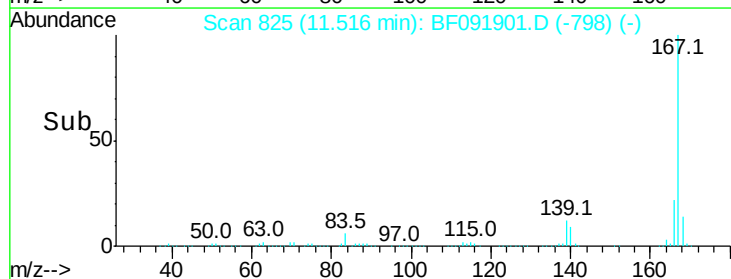
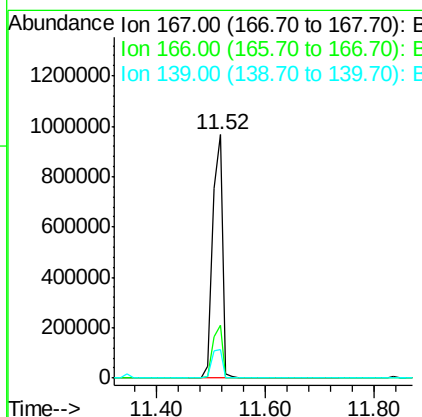
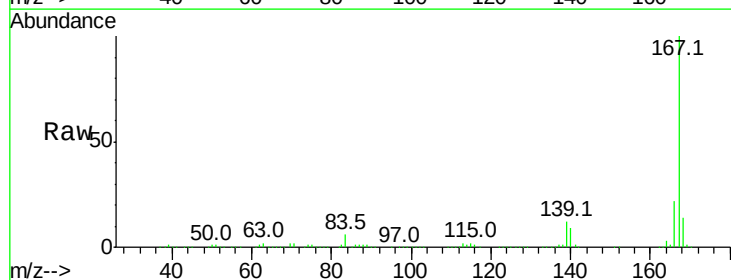
SOHIL
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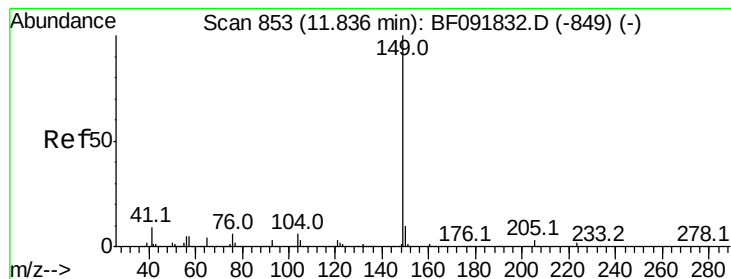


#72
 Carbazole
 Concen: 38.52 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion:167 Resp: 1240860

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.2
139	11.9	11.4	17.2





#73

Di-n-butylphthalate

Concen: 47.92 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1659944

Ion Ratio Lower Upper

149 100

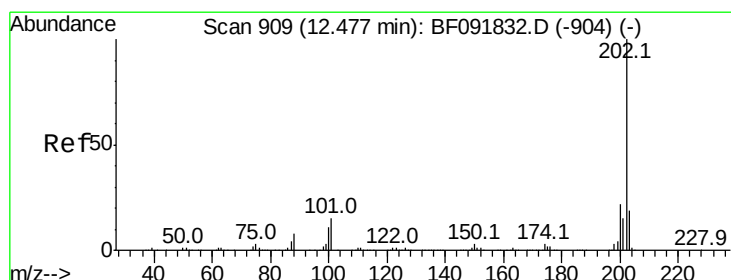
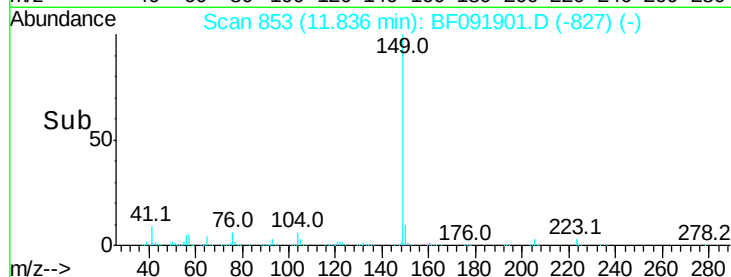
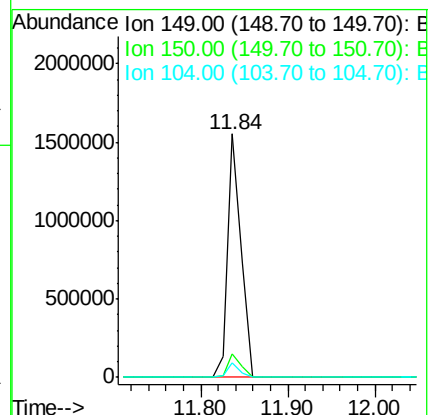
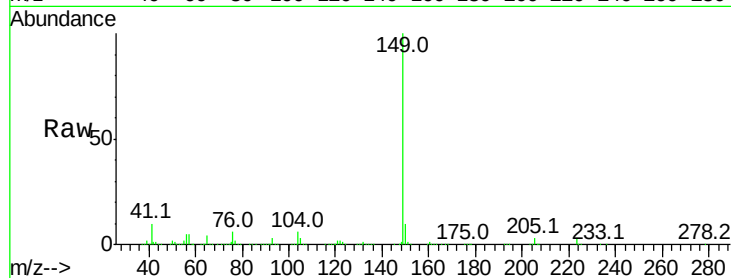
150 9.7 8.1 12.1

104 5.8 4.6 7.0

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#74

Fluoranthene

Concen: 37.50 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

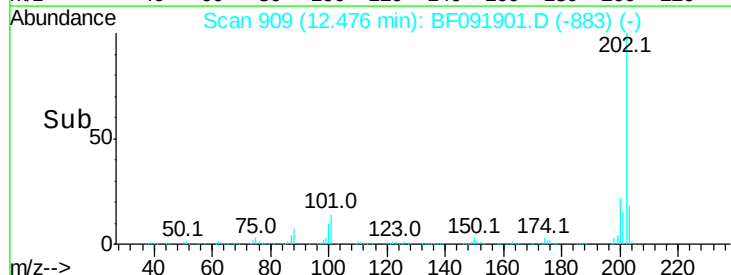
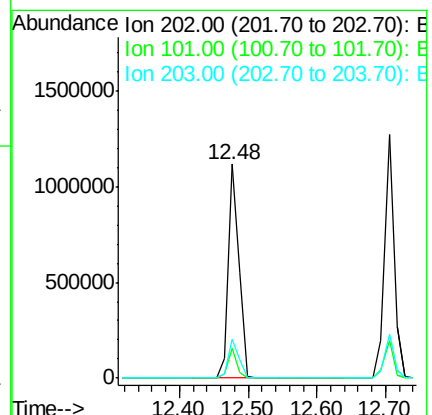
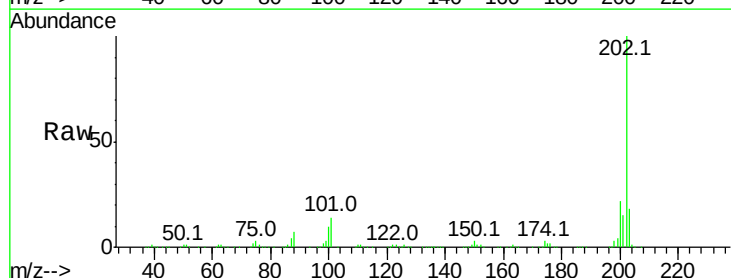
Tgt Ion:202 Resp: 1229806

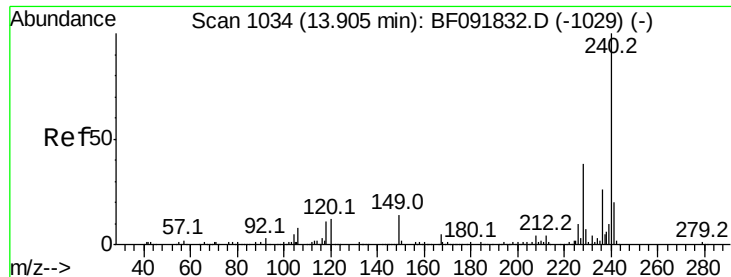
Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.6

203 18.2 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

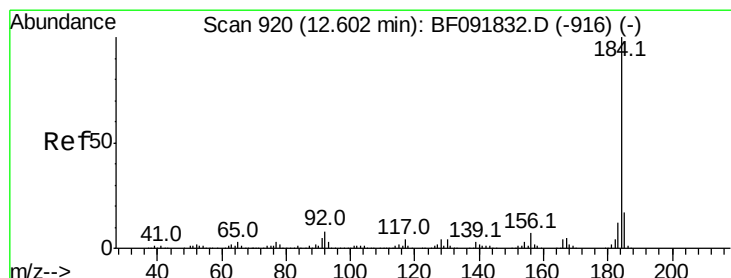
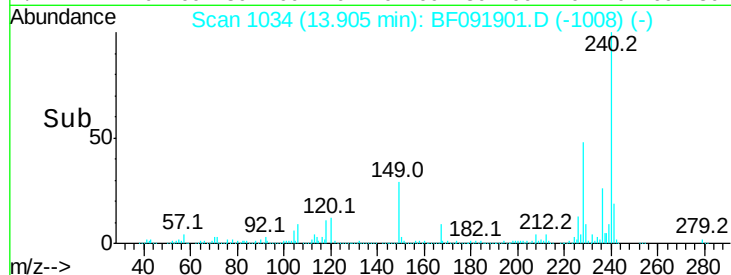
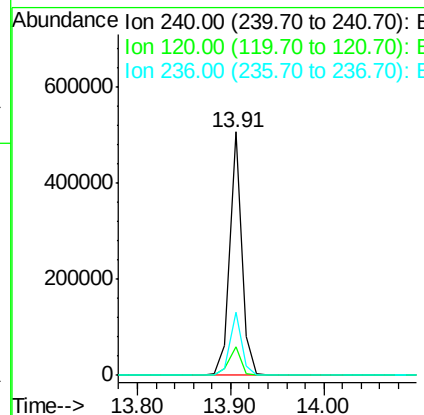
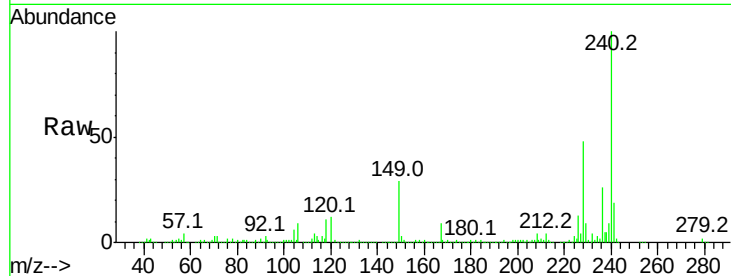
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	12.9	19.3#
236	25.7	20.9	31.3

Manual Integrations
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12/23/2016 5:52:27 PM



#76

Benzidine

Concen: 30.09 ng

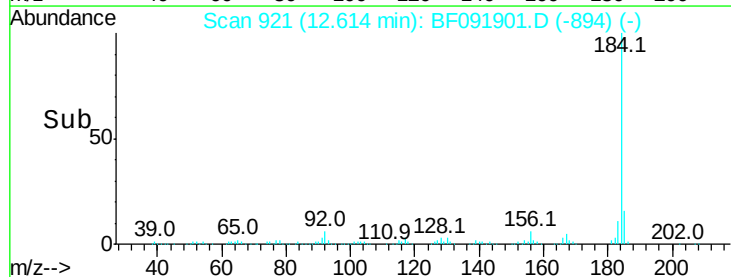
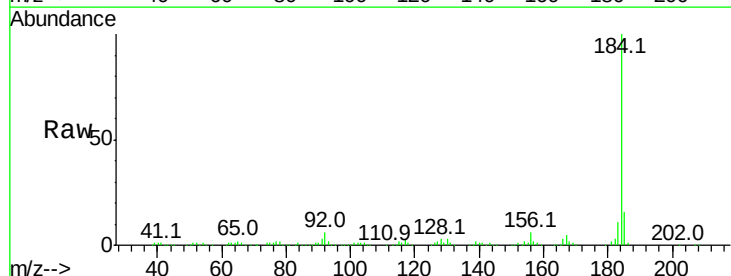
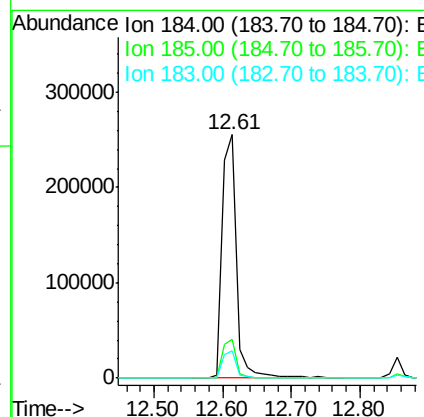
RT: 12.61 min Scan# 921

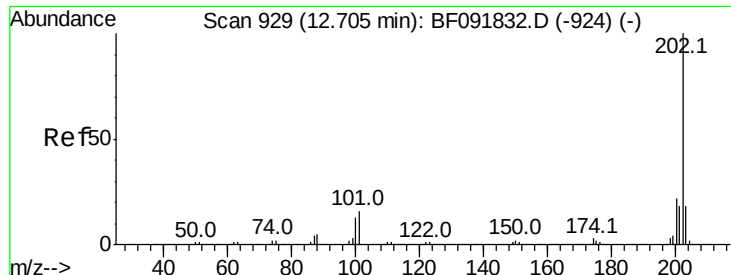
Delta R.T. 0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.4	20.0
183	11.3	9.2	13.8





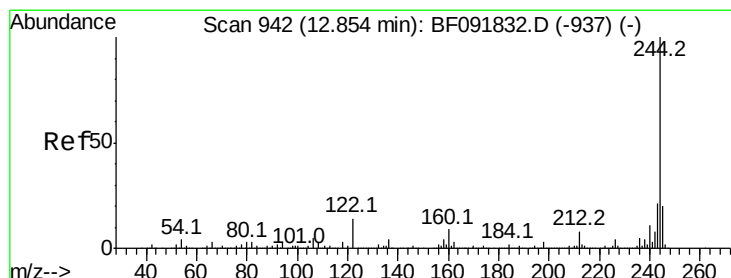
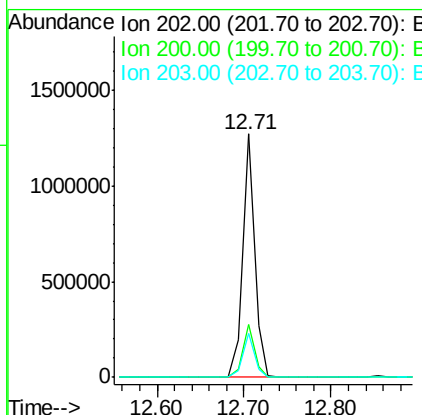
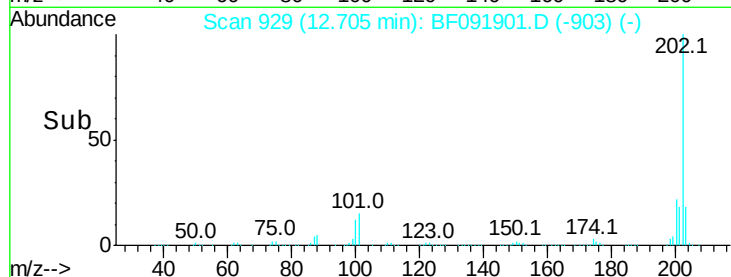
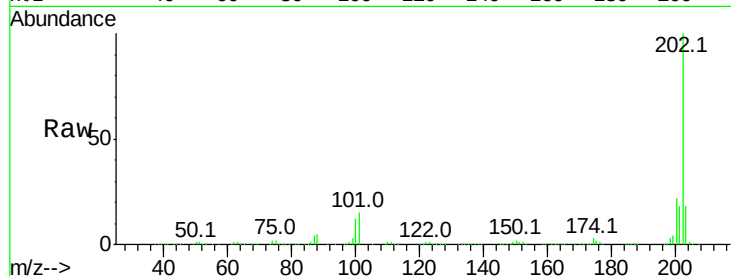
#77
Pvrene
Concen: 36.05 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.9	14.7	22.1

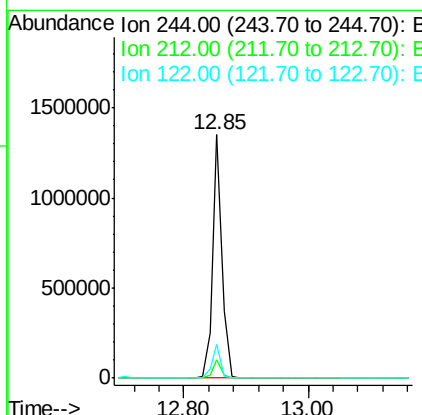
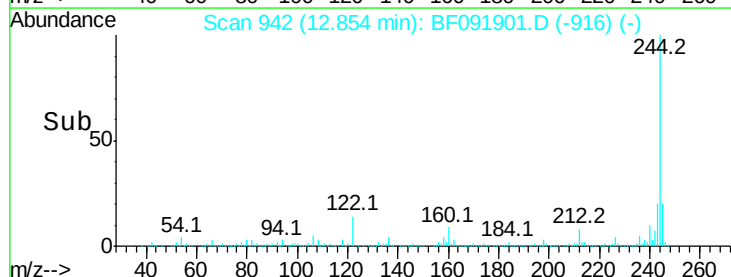
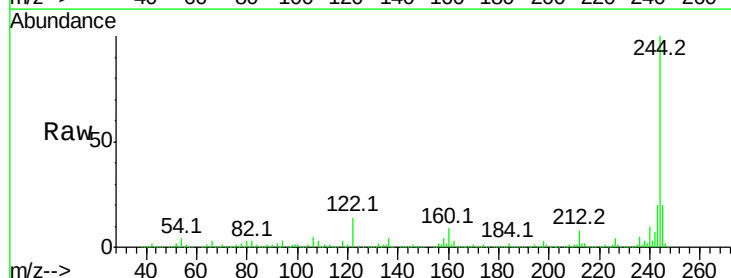
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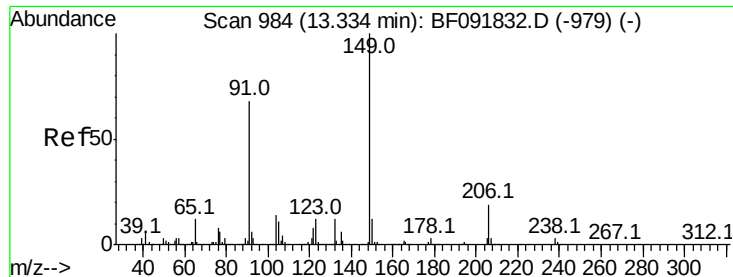
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#78
Terphenyl-d14
Concen: 73.07 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.1	11.4	17.2





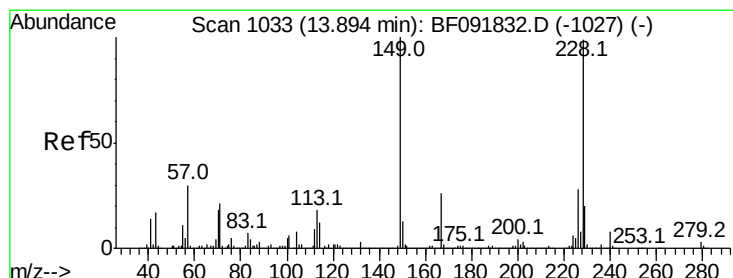
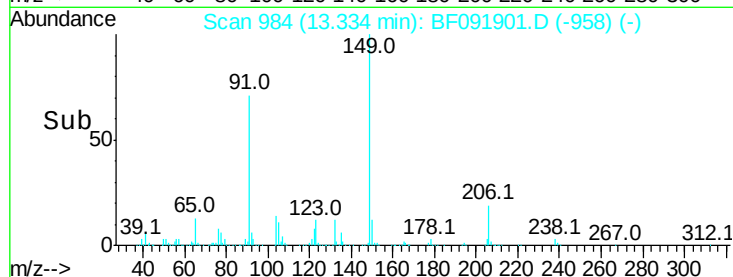
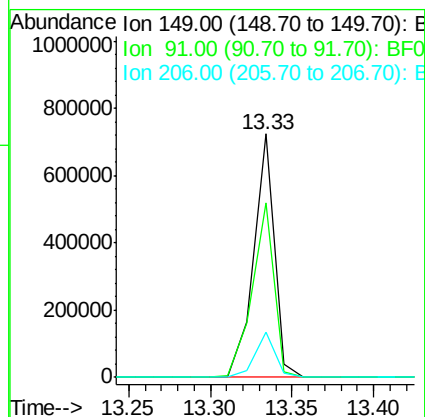
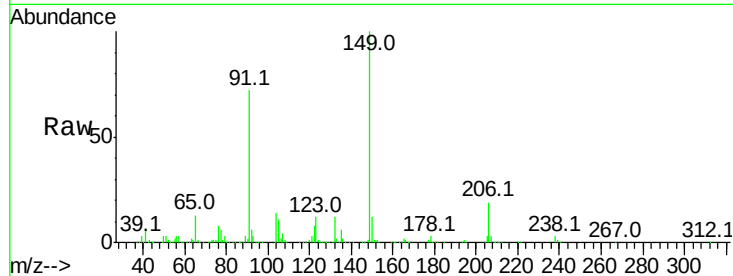
#79
Butylbenzylphthalate
Concen: 42.15 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.5	63.9	95.9
206	18.7	14.6	21.8

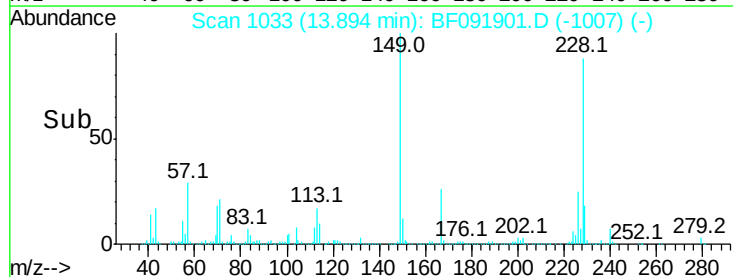
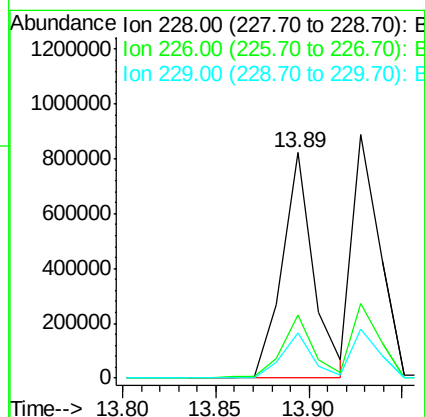
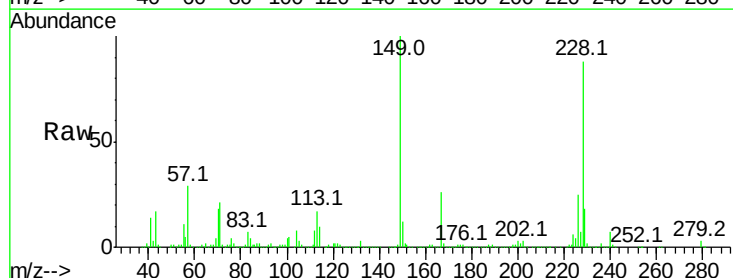
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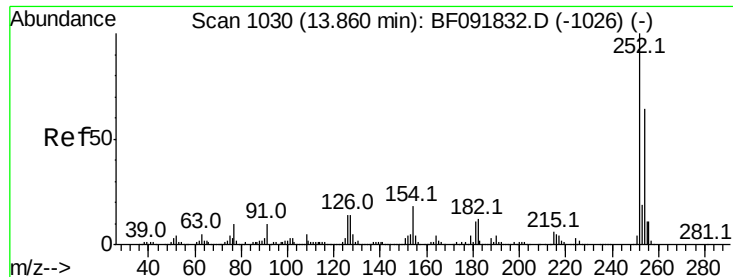
SOHIL
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#80
Benzo(a)anthracene
Concen: 37.43 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.0	16.2	24.4





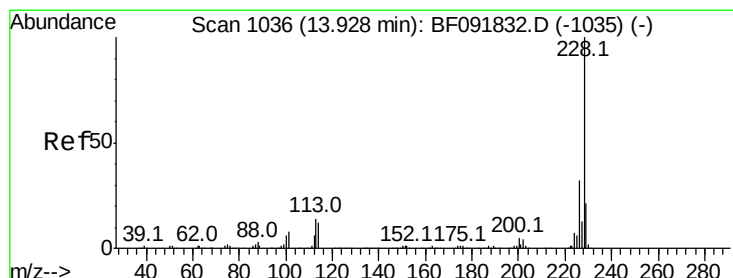
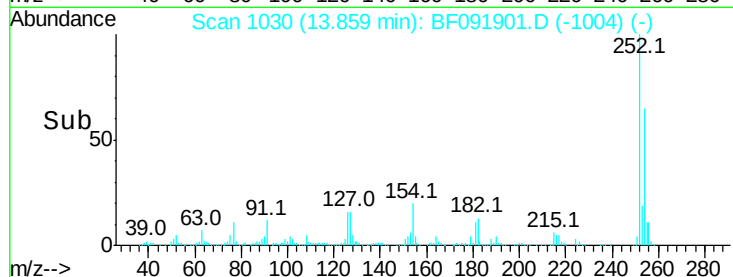
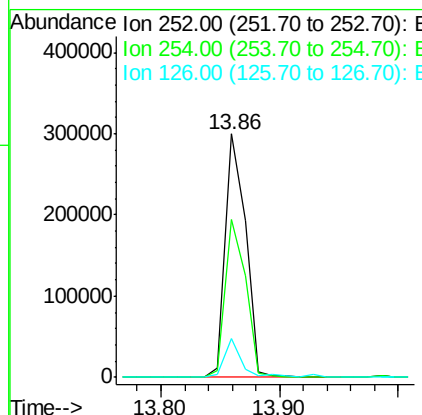
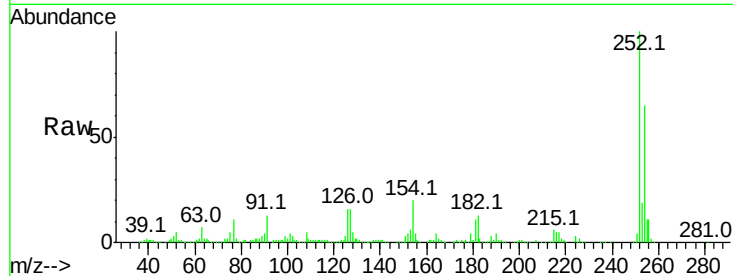
#81
 3,3'-Dichlorobenzidine
 Concen: 36.61 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	356420		
254	64.6	52.3	78.5	
126	16.0	13.6	20.4	

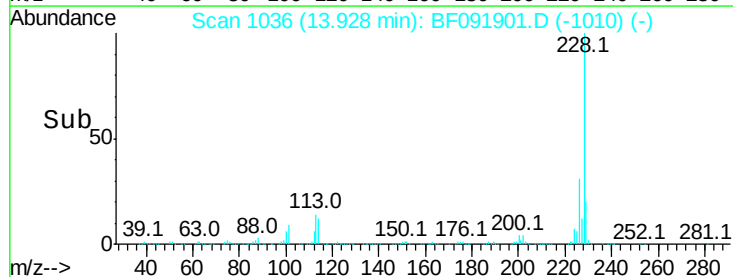
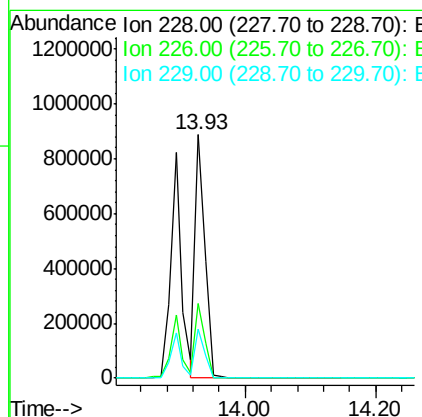
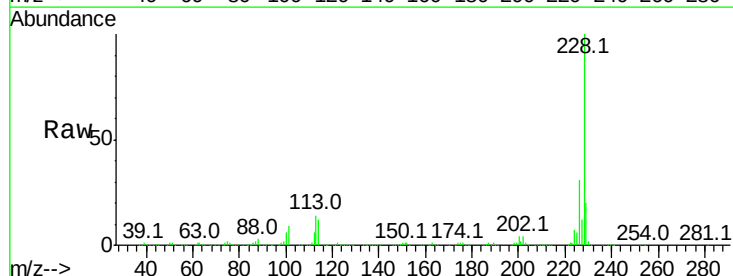
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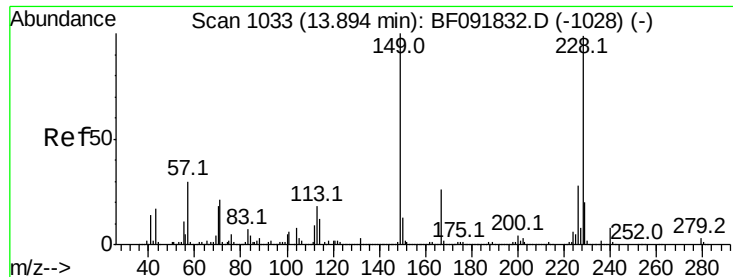
SOHIL
 12/23/2016 5:52:27 PM



#82
 Chrysene
 Concen: 35.92 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	925065		
226	30.6	25.4	38.0	
229	20.3	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.12 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

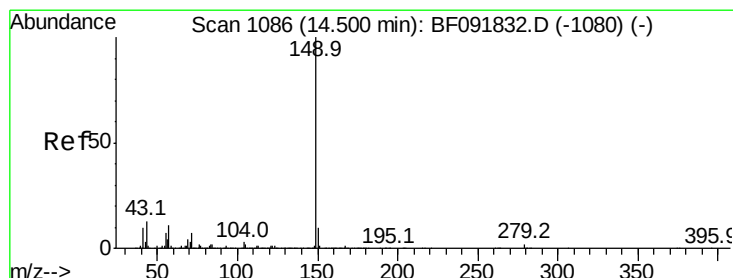
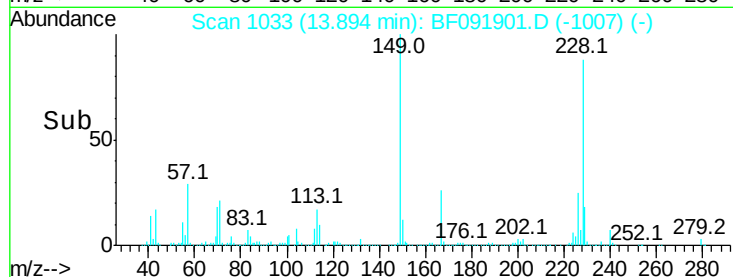
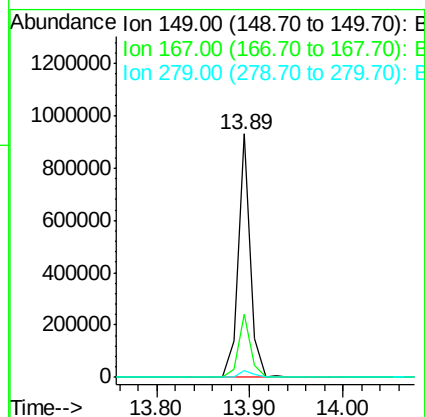
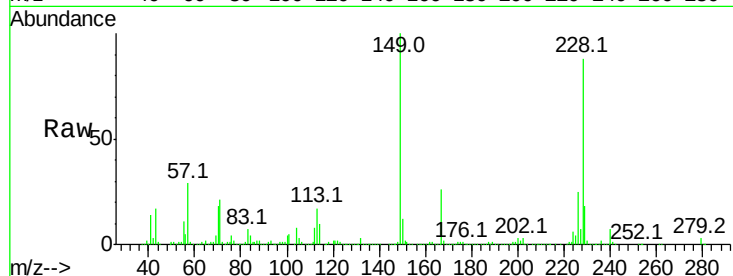
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.2	30.4
279	2.8	1.8	2.8#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 41.49 ng

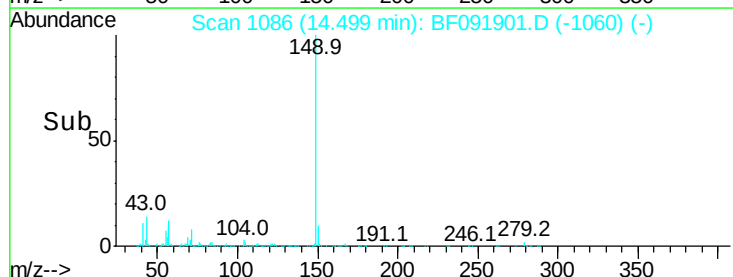
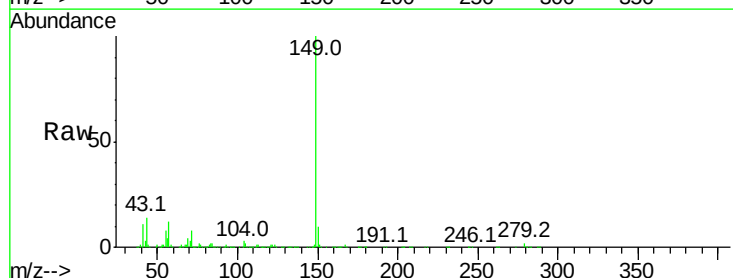
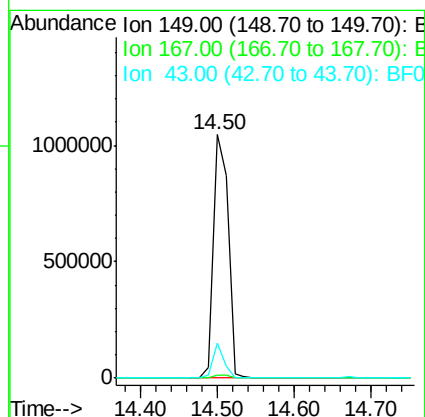
RT: 14.50 min Scan# 1086

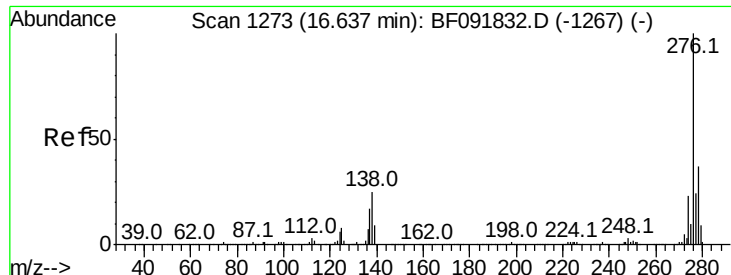
Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.0	8.9	13.3





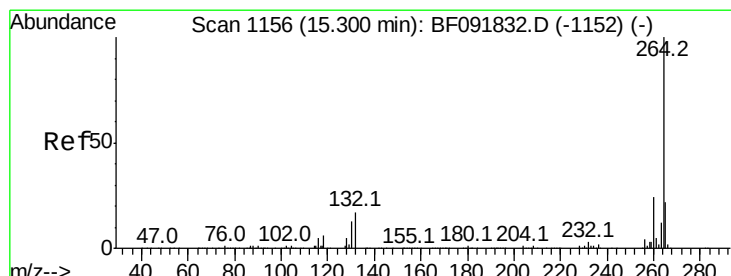
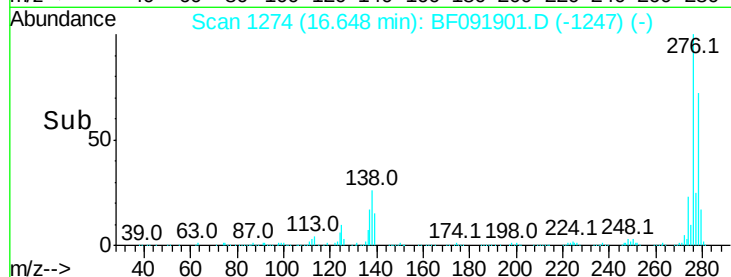
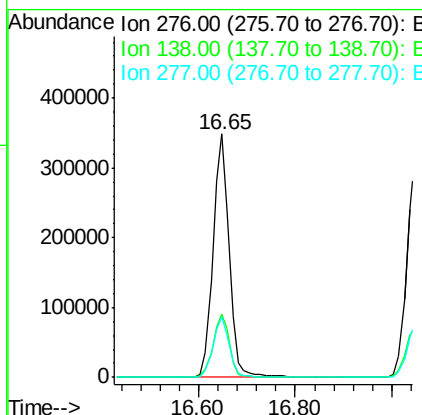
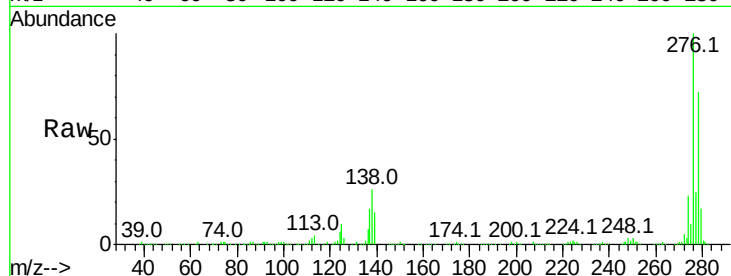
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.93 ng
RT: 16.65 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.8	32.6
277	24.9	20.2	30.4

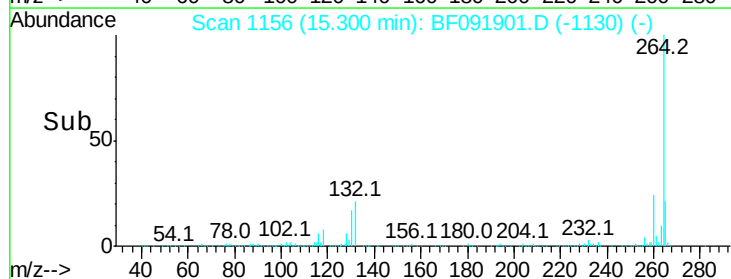
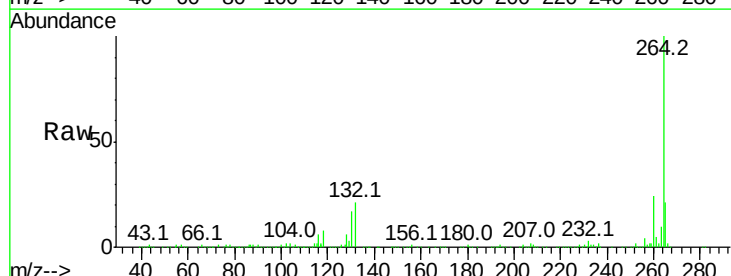
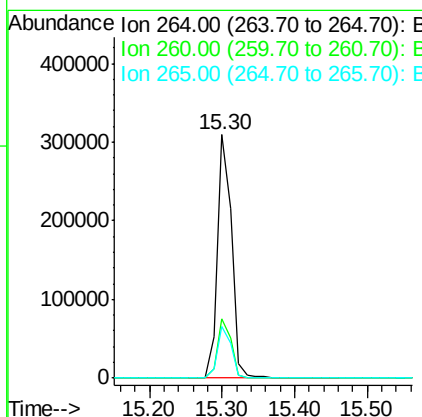
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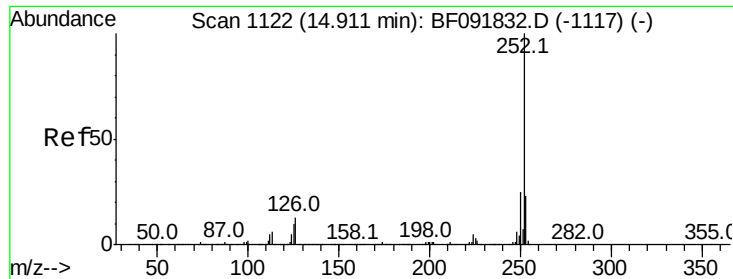
SOHIL
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.4	26.0





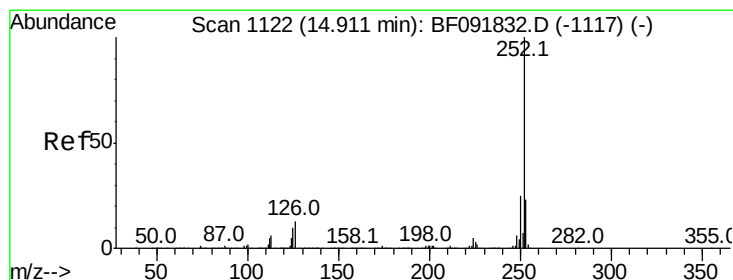
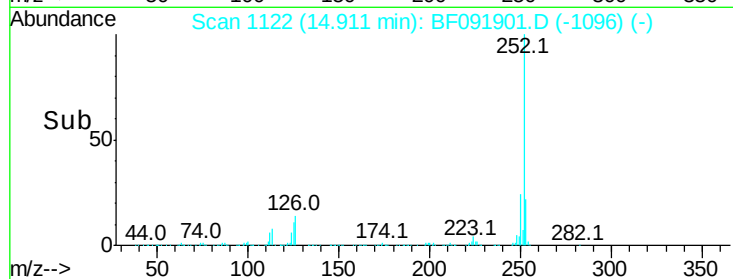
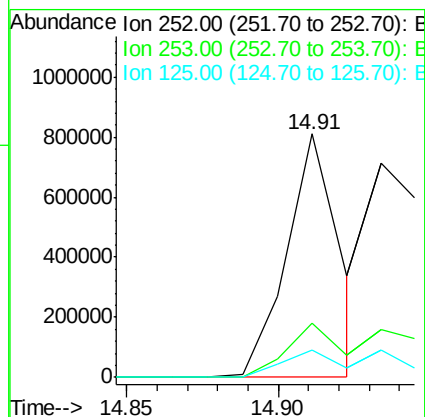
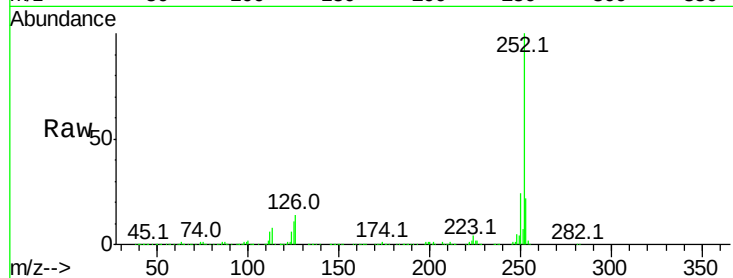
#87
Benzo(b)fluoranthene
Concen: 37.69 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.1	9.8	14.6

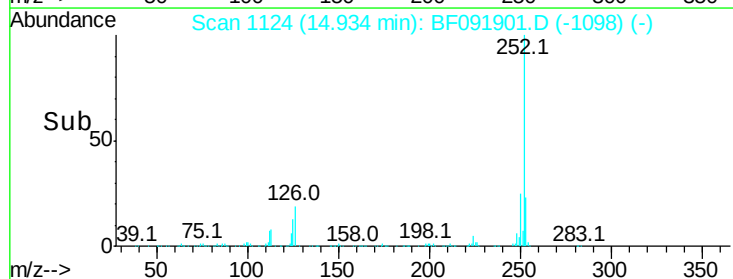
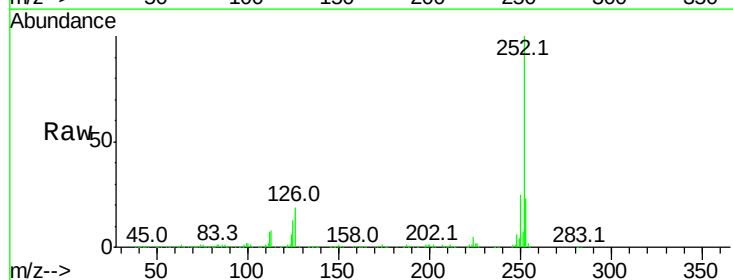
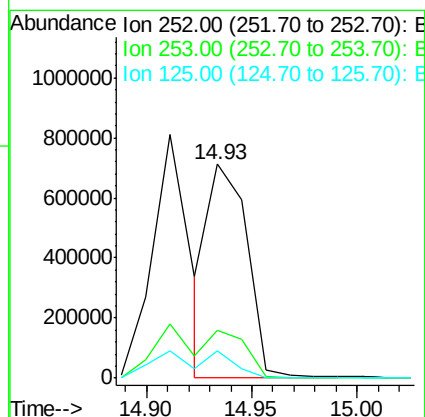
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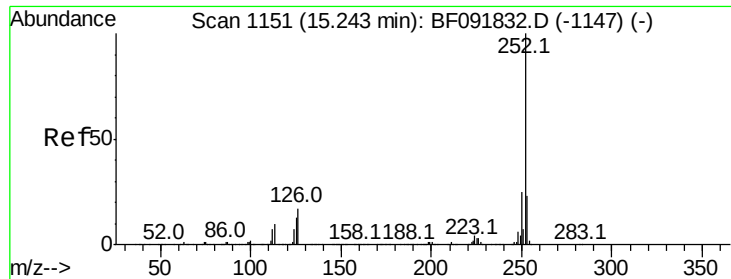
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#88
Benzo(k)fluoranthene
Concen: 41.96 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	12.9	8.9	13.3





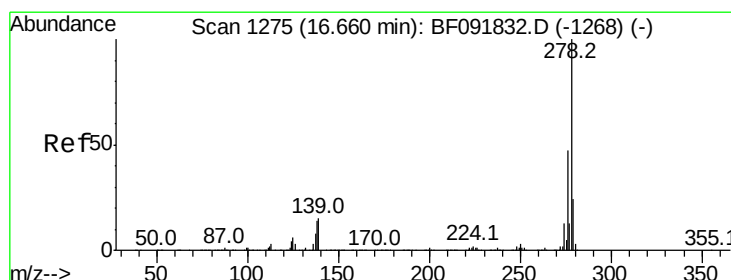
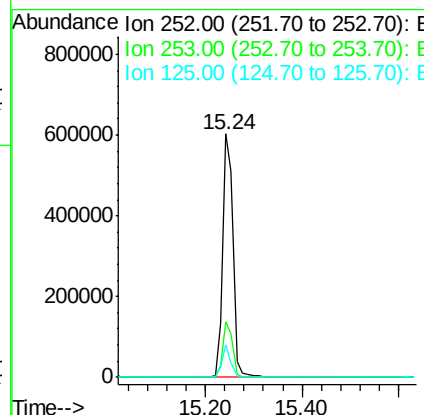
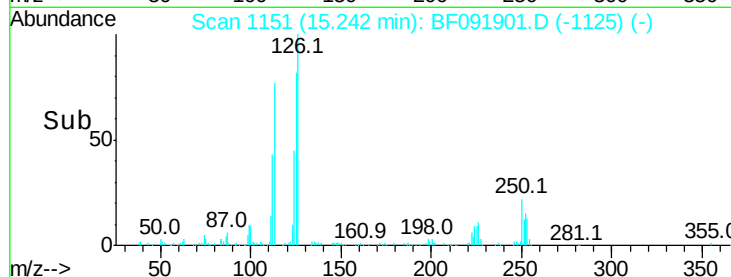
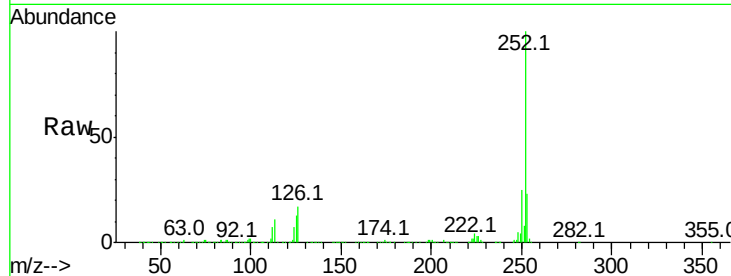
#89
Benzo(a)pyrene
Concen: 39.38 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.3	10.0	15.0

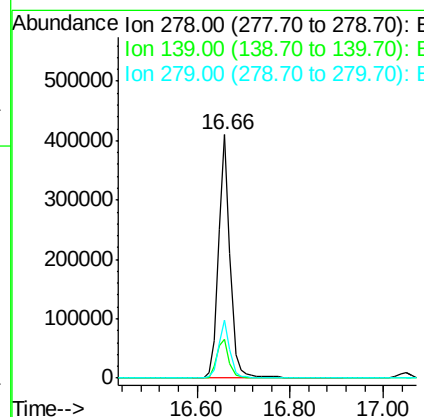
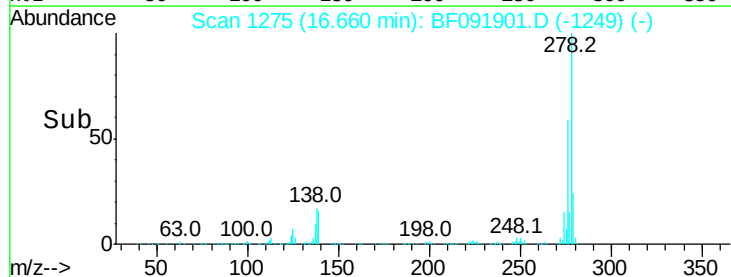
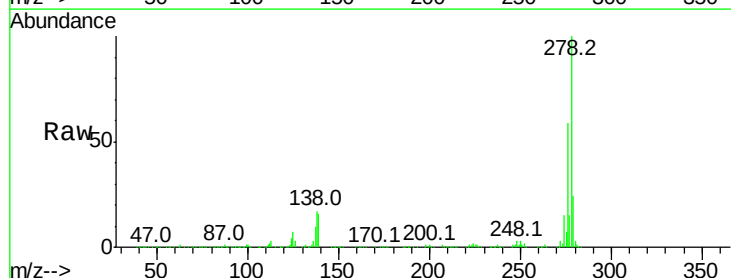
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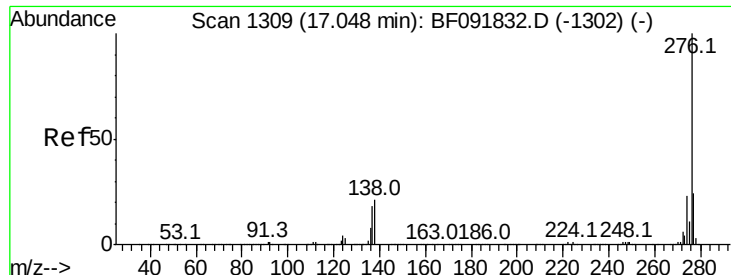
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#90
Dibenzo(a,h)anthracene
Concen: 37.33 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	14.8	22.2
279	23.9	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 34.24 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	19.2	28.8
138	21.6	16.0	24.0

Manual Integrations
 APPROVED

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 12/23/2016 5:52:27 PM

