

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091571.D
 Acq On : 14 Dec 2016 1:00
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 12/14/2016 6:23:12 PM

Quant Time: Dec 14 04:23:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	296783	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1147699	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	548500	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	832353	20.00	ng	0.00
75) Chrysene-d12	13.96	240	572362	20.00	ng	0.00
86) Perylene-d12	15.38	264	685275	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1410976	80.10	ng	0.00
7) Phenol-d6	6.45	99	1637095	74.54	ng	0.00
23) Nitrobenzene-d5	7.38	82	1529274	74.37	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	306252	67.22	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2408486	75.87	ng	0.00
78) Terphenyl-d14	12.91	244	1790820	71.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	358989	38.61	ng	# 84
3) Pyridine	3.08	79	1042277	42.07	ng	# 79
4) n-Nitrosodimethylamine	3.02	42	390512	36.69	ng	# 60
6) Aniline	6.48	93	1100310	38.21	ng	# 76
8) 2-Chlorophenol	6.60	128	789731	39.72	ng	99
9) Benzaldehyde	6.36	77	530806m	35.12	ng	
10) Phenol	6.46	94	846451	32.96	ng	84
11) bis(2-Chloroethyl)ether	6.56	93	799981	41.47	ng	# 83
12) 1,3-Dichlorobenzene	6.75	146	793436m	36.80	ng	
13) 1,4-Dichlorobenzene	6.83	146	805957	37.90	ng	96
14) 1,2-Dichlorobenzene	6.99	146	759733	39.64	ng	93
15) Benzyl Alcohol	6.96	79	618096	35.65	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1173802	39.27	ng	81
17) 2-Methylphenol	7.08	107	647607	39.36	ng	# 76
18) Hexachloroethane	7.33	117	306983	36.98	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	516061	37.58	ng	# 84
20) 3+4-Methylphenols	7.23	107	690317	38.39	ng	# 58
22) Acetophenone	7.23	105	1074329	39.07	ng	# 95
24) Nitrobenzene	7.40	77	903157	41.57	ng	# 85
25) Isophorone	7.64	82	1416028	38.74	ng	100
26) 2-Nitrophenol	7.72	139	387792	40.44	ng	# 64
27) 2,4-Dimethylphenol	7.77	122	647714	38.46	ng	90
28) bis(2-Chloroethoxy)methane	7.86	93	886851	41.36	ng	97
29) 2,4-Dichlorophenol	7.96	162	587035	40.06	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	618477	37.14	ng	99
31) Naphthalene	8.12	128	1963002	36.76	ng	99
32) Benzoic acid	7.87	122	356131	31.36	ng	92
33) 4-Chloroaniline	8.18	127	876220	38.09	ng	# 89
34) Hexachlorobutadiene	8.25	225	373247	39.10	ng	98
35) Caprolactam	8.54	113	179058	41.84	ng	# 56
36) 4-Chloro-3-methylphenol	8.66	107	621580	37.82	ng	97
37) 2-Methylnaphthalene	8.82	142	1287931	37.26	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	549753	36.54	ng	99
40) Hexachlorocyclopentadiene	8.97	237	162042	24.16	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091571.D
 Acq On : 14 Dec 2016 1:00
 Operator : UM/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Manual Integrations
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Quant Time: Dec 14 04:23:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	388724	40.21	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	375394	37.79	nq	95
45) 1,1'-Biphenyl	9.28	154	1471408	37.04	nq	99
46) 2-Chloronaphthalene	9.30	162	1114068	36.21	nq	98
47) 2-Nitroaniline	9.40	65	400727	38.73	nq #	71
48) Acenaphthylene	9.71	152	1765291	37.64	nq	99
49) Dimethylphthalate	9.58	163	1413842	40.71	nq	99
50) 2,6-Dinitrotoluene	9.64	165	329376	43.21	nq #	72
51) Acenaphthene	9.88	154	1149893	35.30	nq	97
52) 3-Nitroaniline	9.80	138	367135	41.00	nq	88
53) 2,4-Dinitrophenol	9.90	184	59186	20.84	nq #	68
54) Dibenzofuran	10.05	168	1487911	36.92	nq	99
55) 4-Nitrophenol	9.97	139	260449	39.09	nq #	77
56) 2,4-Dinitrotoluene	10.04	165	426951	44.68	nq	92
57) Fluorene	10.40	166	1063869	35.94	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	303331	39.00	nq	98
59) Diethylphthalate	10.28	149	1359405	40.65	nq #	94
60) 4-Chlorophenyl-phenylether	10.40	204	570196	39.35	nq	93
61) 4-Nitroaniline	10.42	138	374801	42.12	nq	99
62) Azobenzene	10.56	77	1449957	38.26	nq	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	110145	23.40	nq #	78
65) n-Nitrosodiphenylamine	10.51	169	1007049	40.58	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	337211	39.52	nq #	72
67) Hexachlorobenzene	10.94	284	336057	37.87	nq #	78
68) Atrazine	11.04	200	278951	34.96	nq	99
69) Pentachlorophenol	11.14	266	184943	37.03	nq	98
70) Phenanthrene	11.36	178	1623978	39.40	nq	99
71) Anthracene	11.41	178	1683843	37.87	nq	98
72) Carbazole	11.56	167	1455134	37.34	nq	99
73) Di-n-butylphthalate	11.90	149	1918178	42.25	nq	99
74) Fluoranthene	12.55	202	1598851	37.05	nq	98
76) Benzidine	12.66	184	705373	39.86	nq	99
77) Pyrene	12.76	202	1567526	34.52	nq	98
79) Butylbenzylphthalate	13.39	149	703972	39.77	nq	92
80) Benzo(a)anthracene	13.95	228	1252803	37.69	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	480544	40.26	nq #	97
82) Chrysene	13.99	228	1297575	37.31	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	889467	39.17	nq	99
84) Di-n-octyl phthalate	14.57	149	1715806	44.51	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1642479	52.48	nq	98
87) Benzo(b)fluoranthene	14.98	252	1561041m	38.21	nq	
88) Benzo(k)fluoranthene	15.00	252	1256717m	34.99	nq	
89) Benzo(a)pyrene	15.32	252	1426569	38.76	nq	98
90) Dibenzo(a,h)anthracene	16.77	278	1385875	42.04	nq #	96
91) Benzo(g,h,i)perylene	17.16	276	1409532	42.01	nq #	94

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

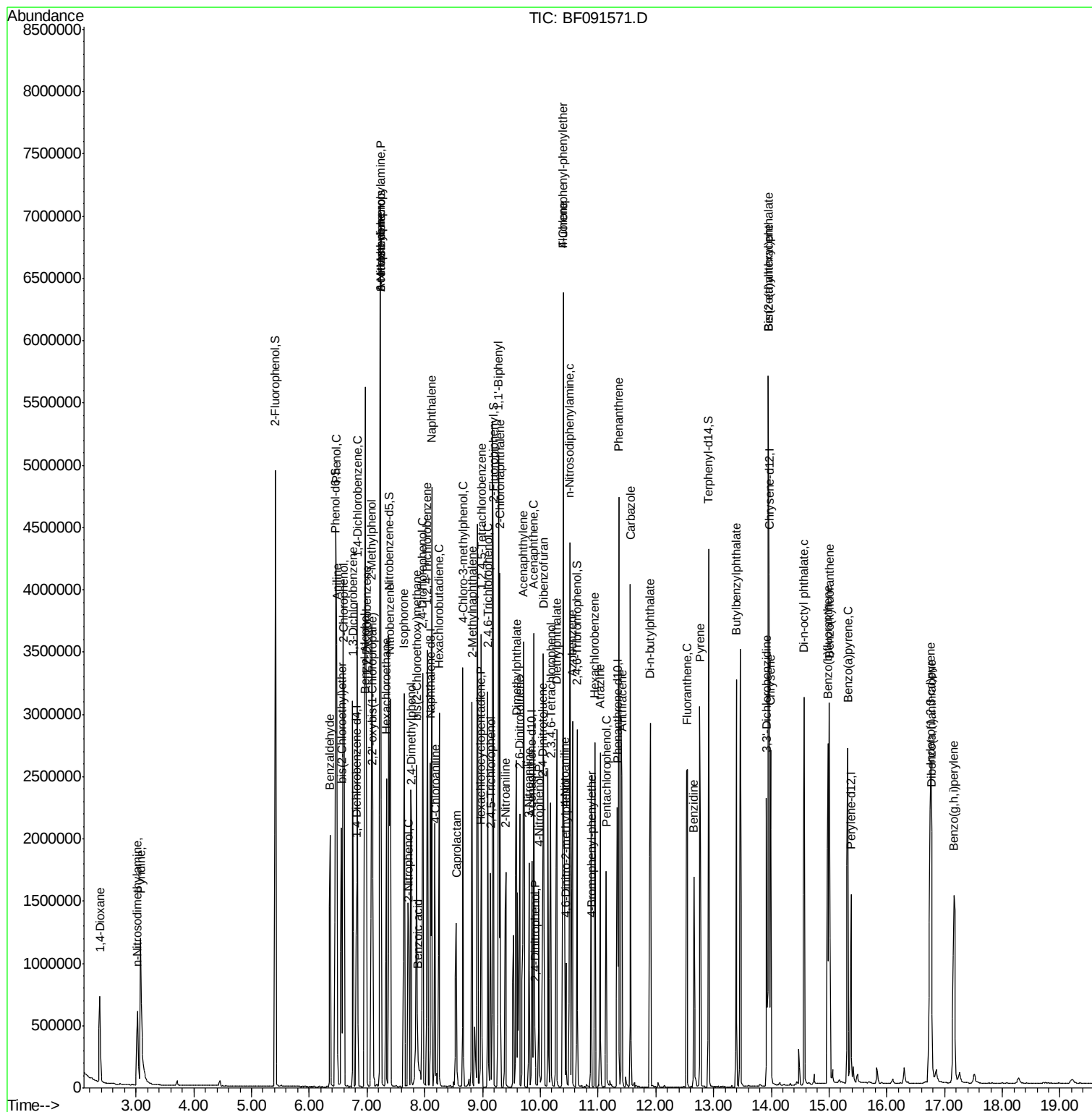
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\  
Data File : BF091571.D  
Acq On    : 14 Dec 2016    1:00  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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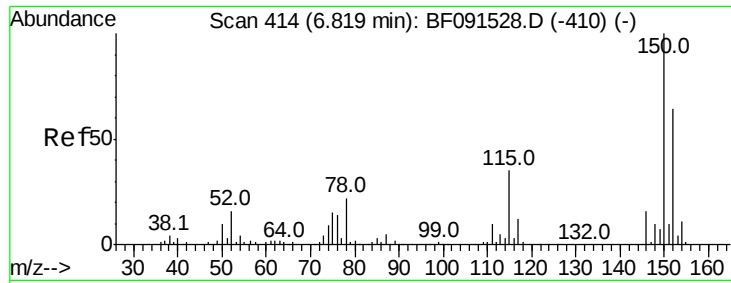
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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#1

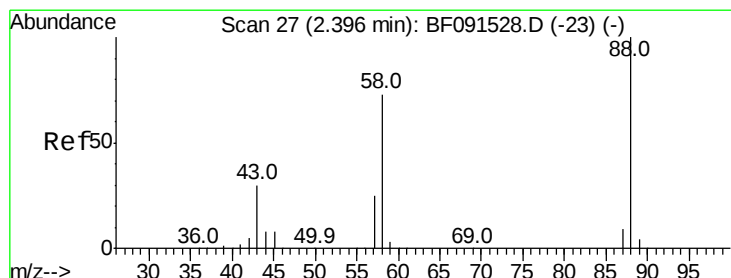
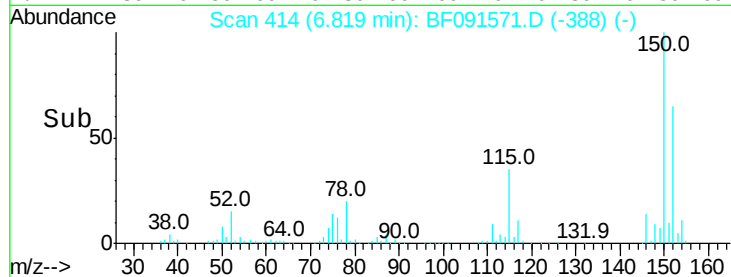
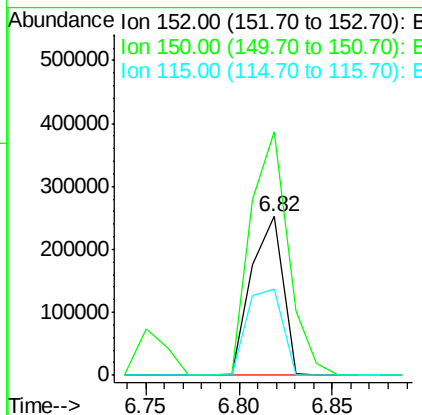
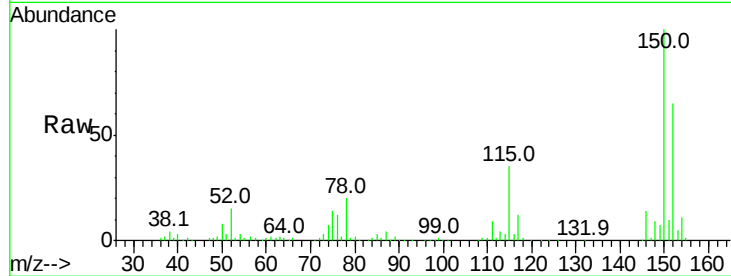
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.5	183.7
115	54.5	51.8	77.8

Manual Integrations
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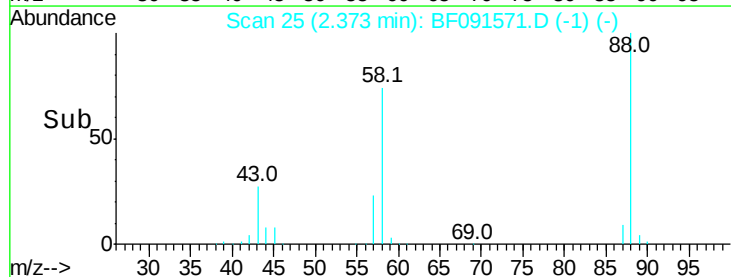
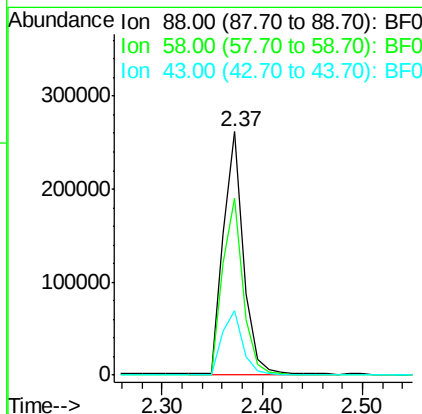
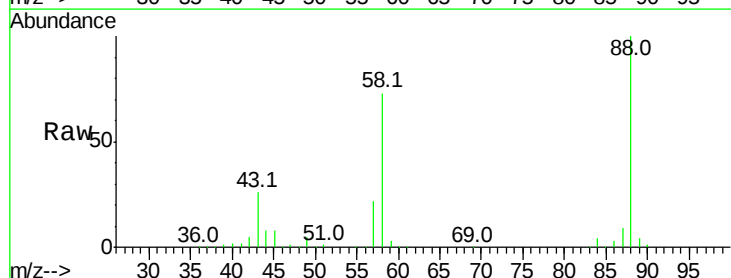
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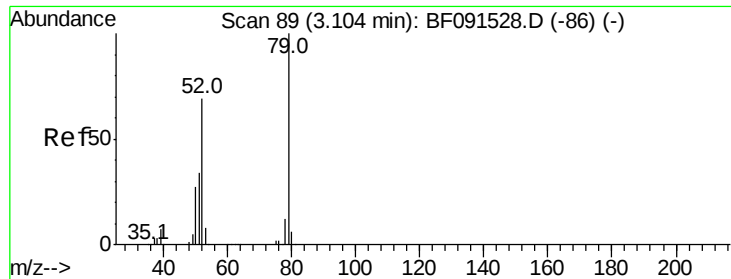


#2

1,4-Dioxane
Concen: 38.61 ng
RT: 2.37 min Scan# 25
Delta R.T. -0.02 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	70.3	105.5
43	27.3	31.3	46.9#





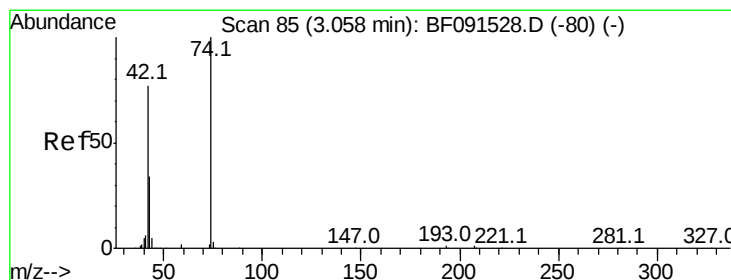
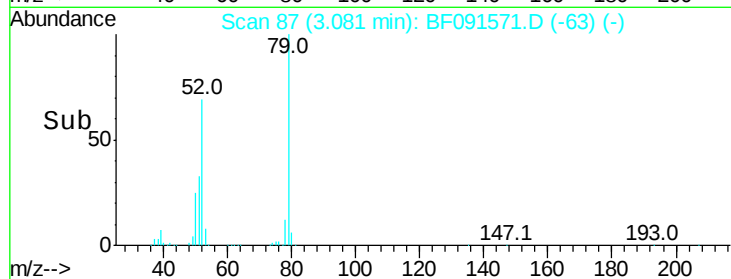
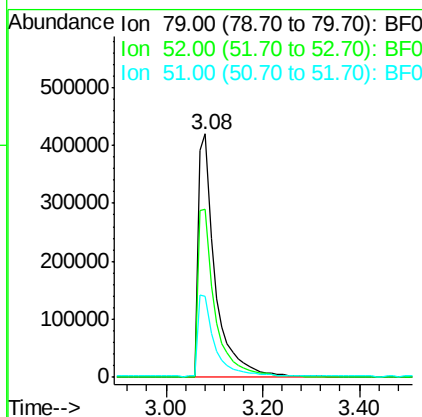
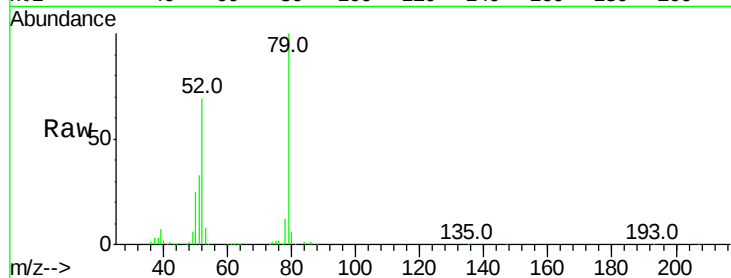
#3
 Pvridine
 Concen: 42.07 ng
 RT: 3.08 min Scan# 87
 Delta R.T. -0.02 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 1042277
 Ion Ratio Lower Upper
 79 100
 52 68.8 71.0 106.4#
 51 33.3 37.0 55.4#

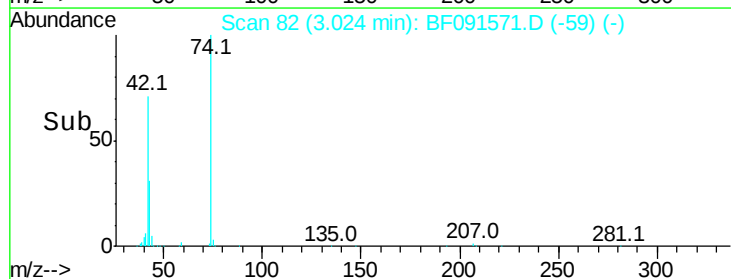
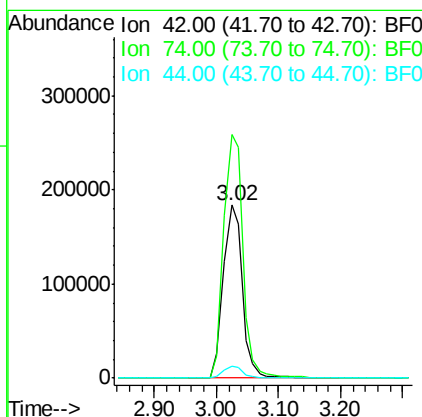
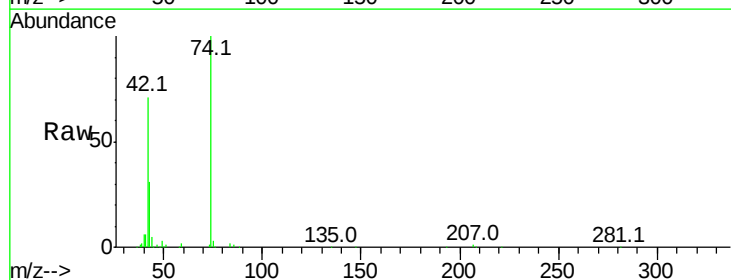
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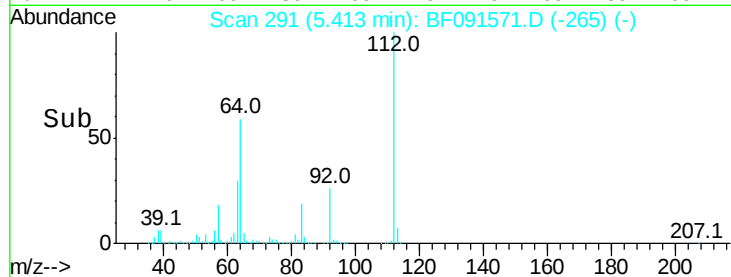
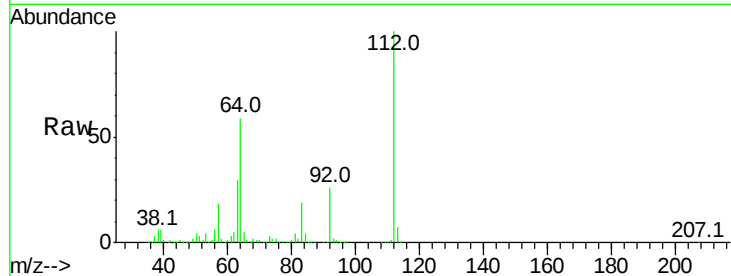
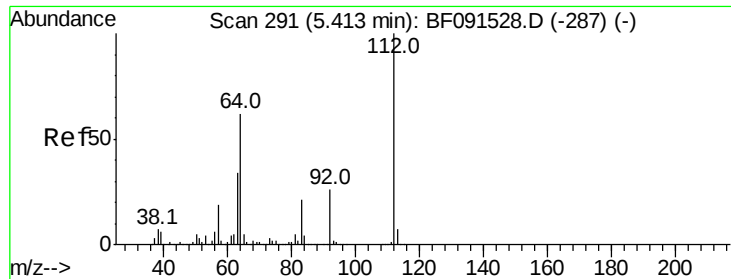
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#4
 n-Nitrosodimethylamine
 Concen: 36.69 ng
 RT: 3.02 min Scan# 82
 Delta R.T. -0.03 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion: 42 Resp: 390512
 Ion Ratio Lower Upper
 42 100
 74 140.8 78.9 118.3#
 44 7.2 5.8 8.6





#5

2-Fluorophenol

Concen: 80.10 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1410976

Ion Ratio Lower Upper

112 100

64 59.3 61.5 92.3#

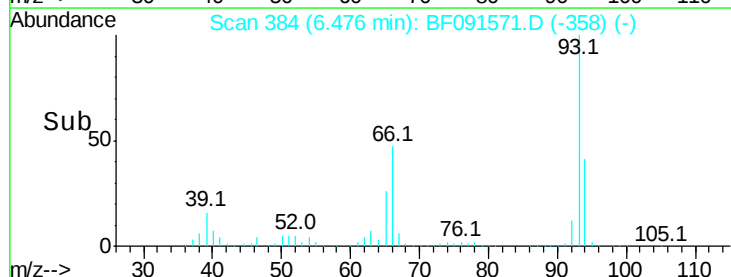
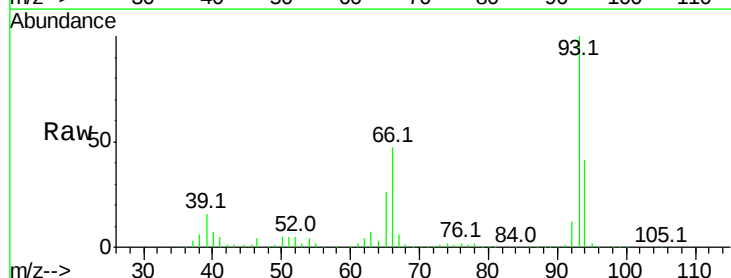
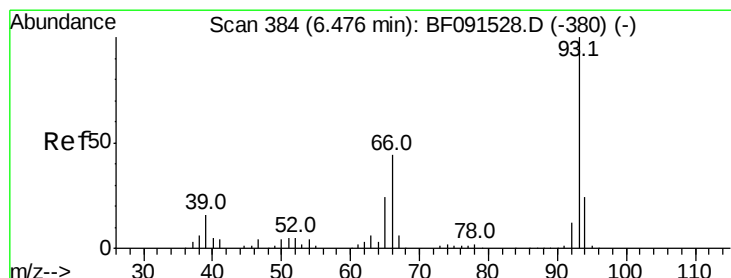
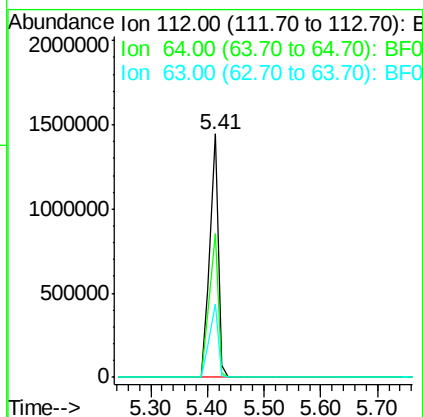
63 29.9 33.3 49.9#

Manual Integrations

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#6

Aniline

Concen: 38.21 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

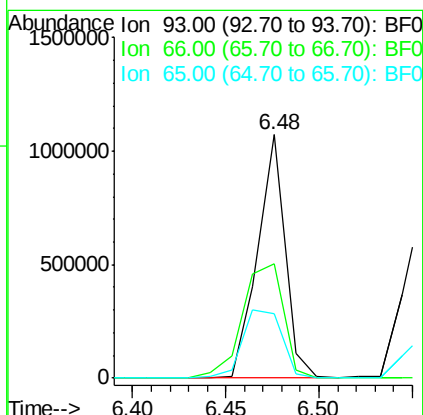
Tgt Ion: 93 Resp: 1100310

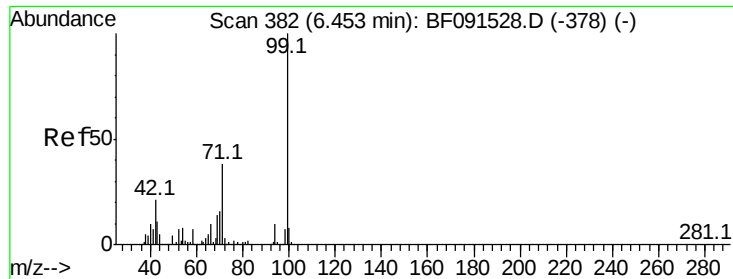
Ion Ratio Lower Upper

93 100

66 47.2 55.8 83.6#

65 26.4 29.9 44.9#





#7

Phenol-d6

Concen: 74.54 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1637095

Ion Ratio Lower Upper

99 100

42 19.3 20.6 31.0#

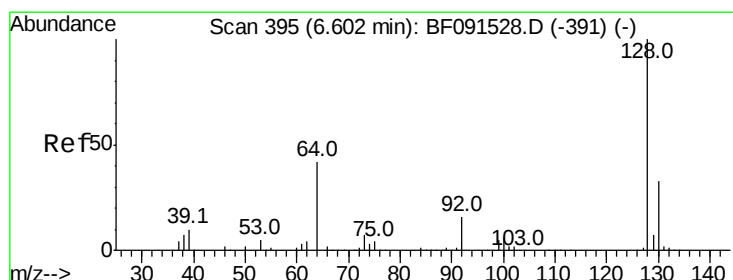
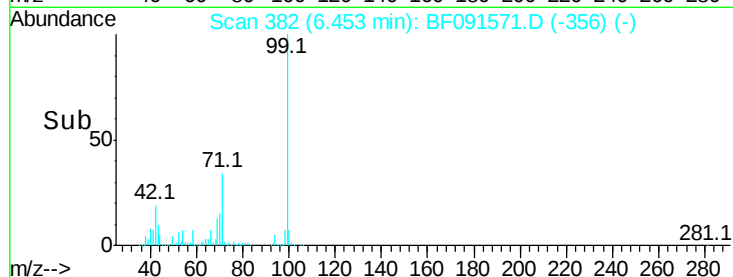
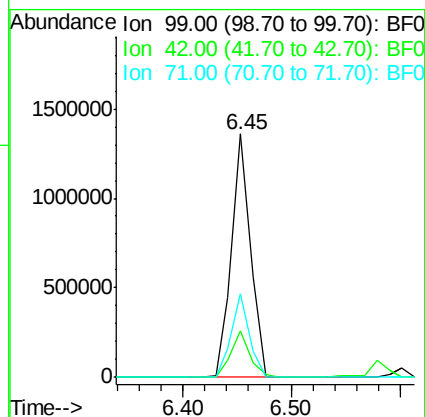
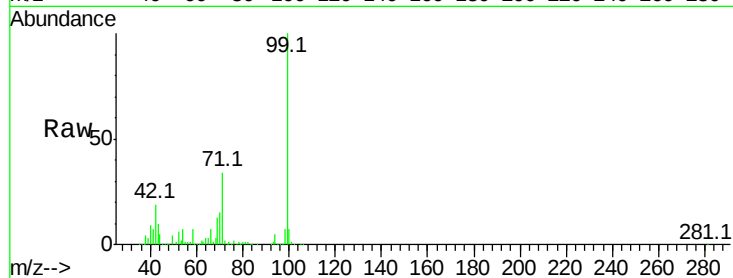
71 34.2 29.9 44.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.72 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

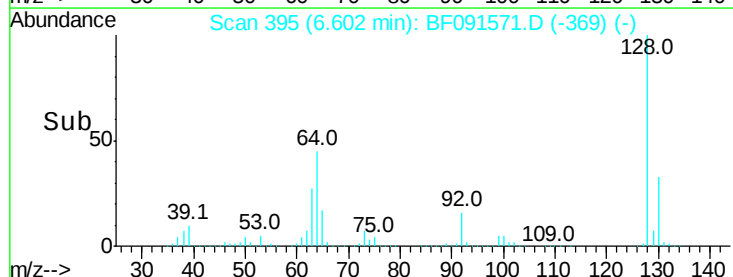
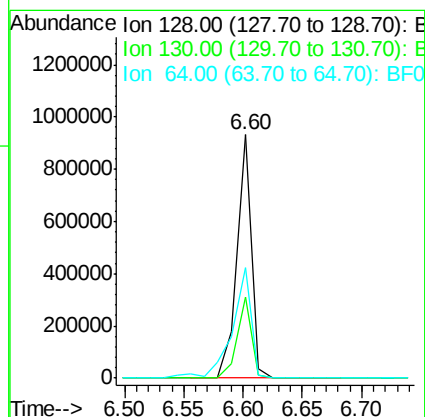
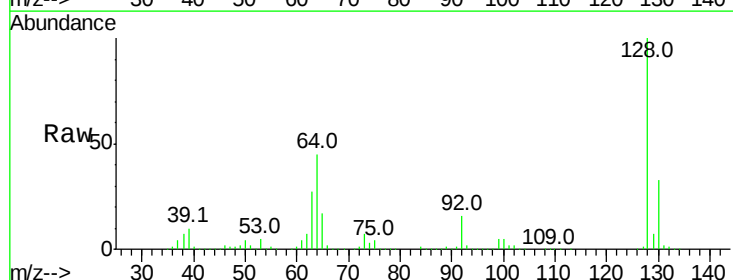
Tgt Ion: 128 Resp: 789731

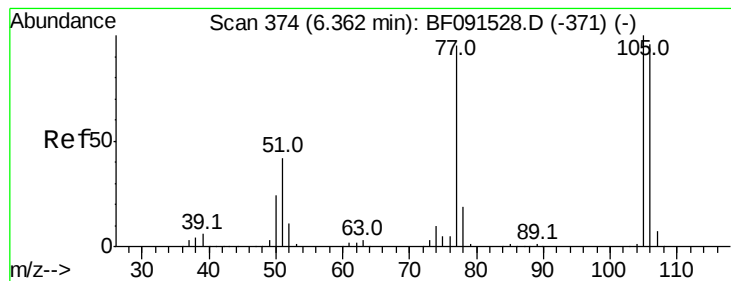
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 45.2 24.1 64.1





#9

Benzaldehyde

Concen: 35.12 ng/ml

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 530806

Ion Ratio Lower Upper

77 100

105 109.1 66.4 106.4#

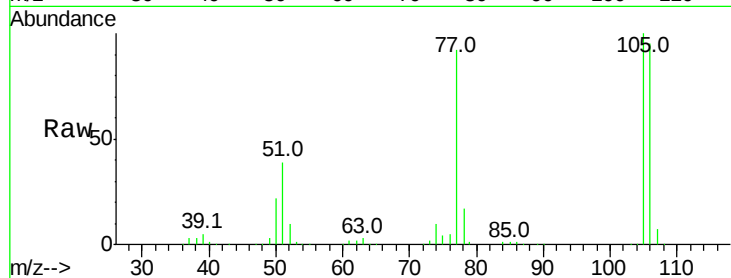
106 103.8 60.9 100.9#

Manual Integrations

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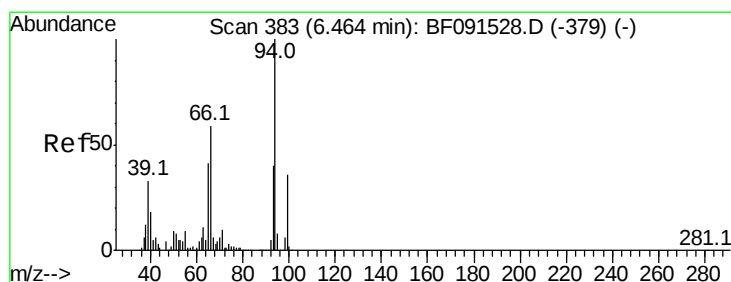
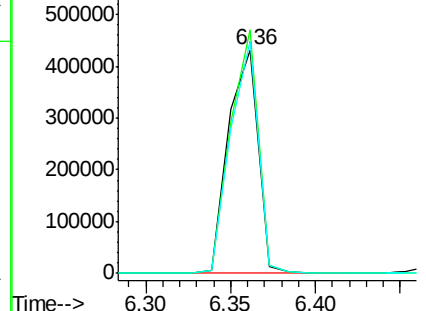
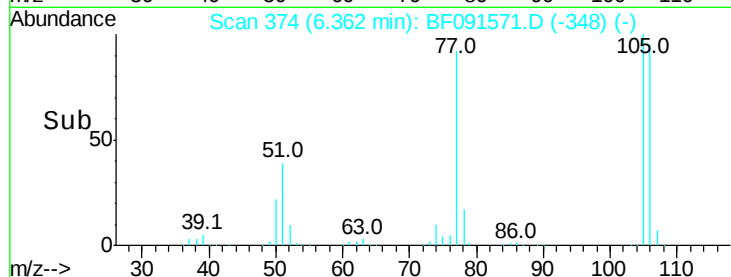
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.96 ng/ml

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

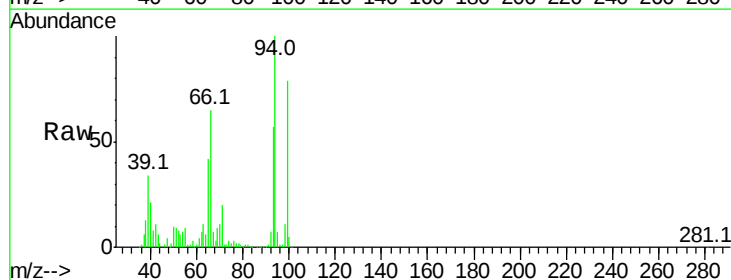
Tgt Ion: 94 Resp: 846451

Ion Ratio Lower Upper

94 100

65 42.5 16.9 56.9

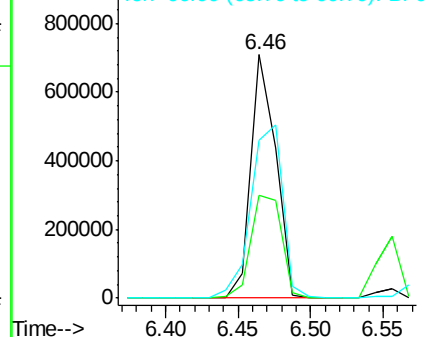
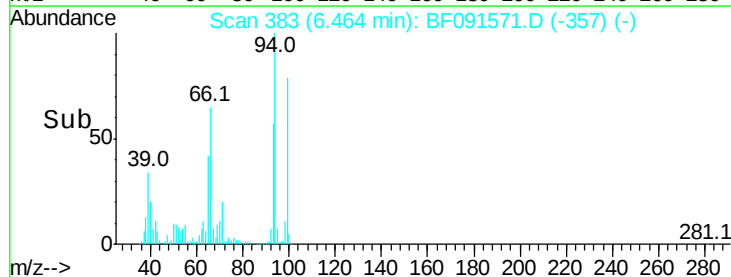
66 64.9 30.6 70.6

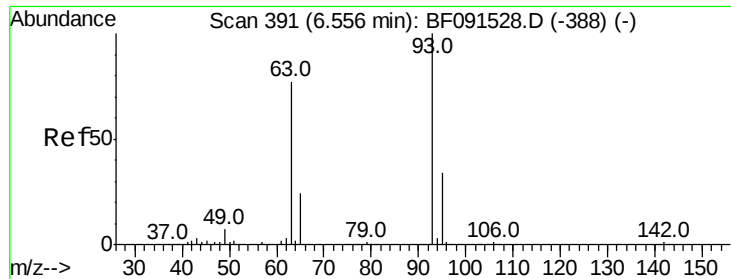


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.47 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 93 Resp: 799981

Ion Ratio Lower Upper

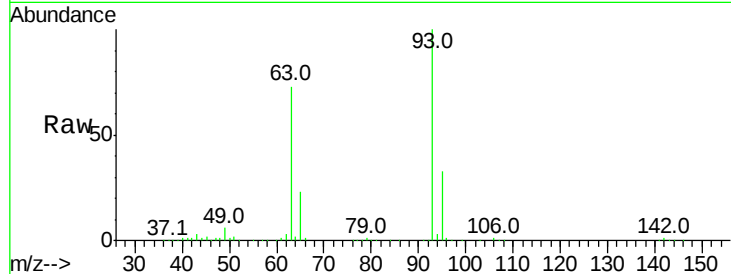
93 100

63 72.8 74.8 114.8#

95 33.1 12.4 52.4

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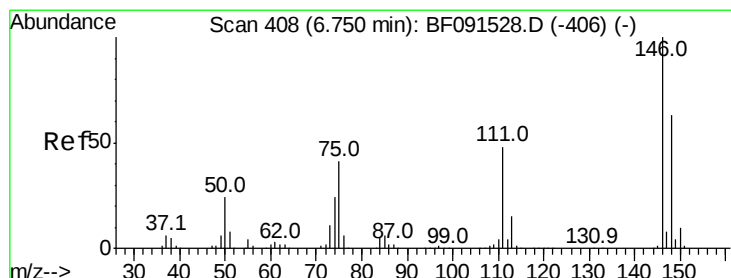
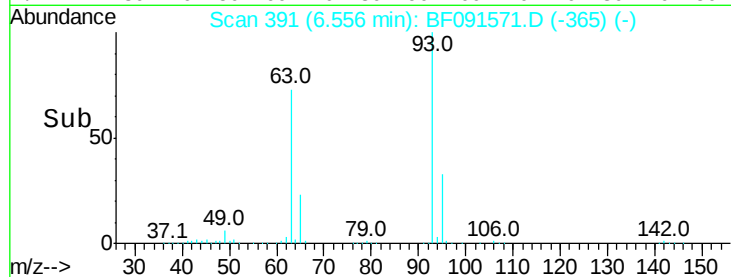
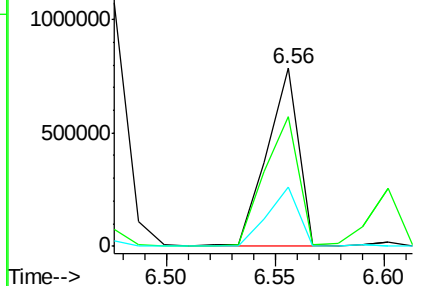
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Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.80 ng m

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

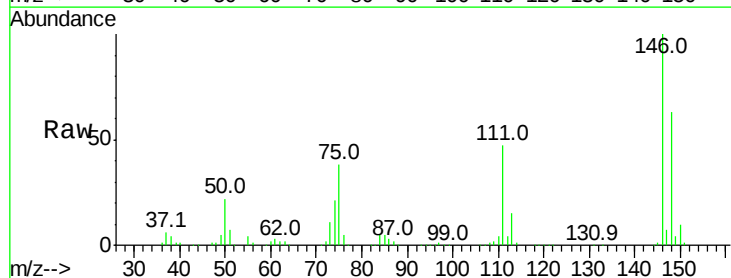
Tgt Ion: 146 Resp: 793436

Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.0

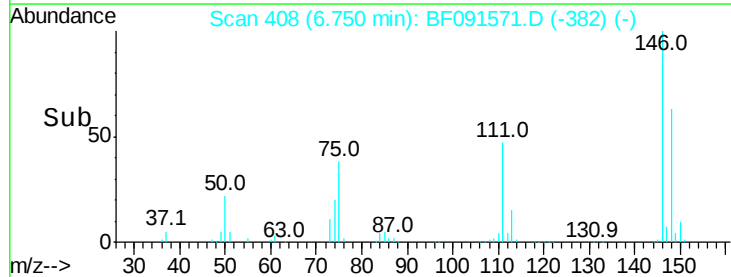
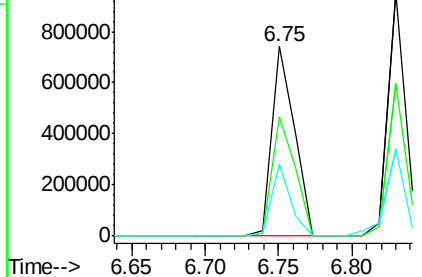
75 38.2 23.6 35.4#

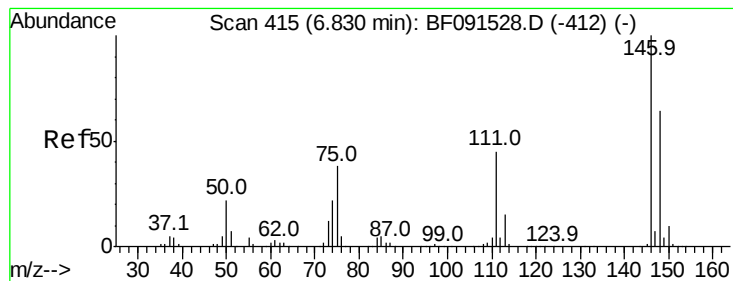


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.90 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

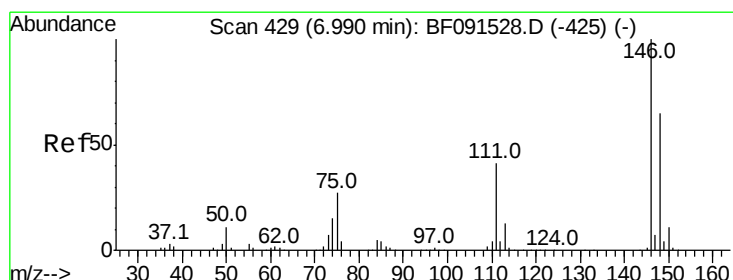
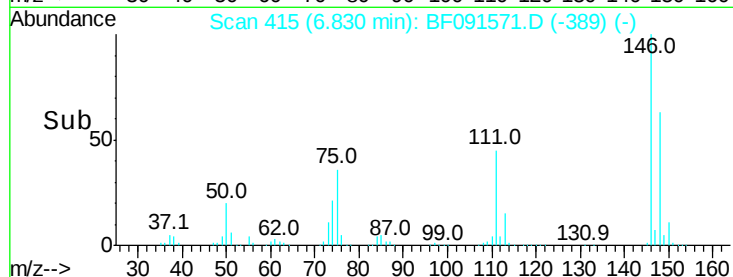
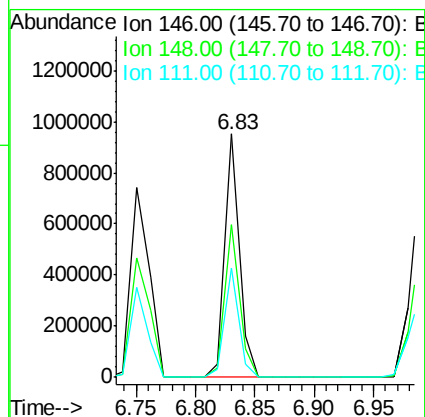
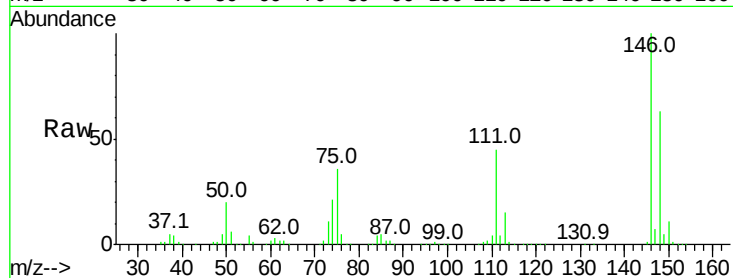
ClientSampled :

SSTDCCC040

Tot Ion:	146	Resp:	805957
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.4	77.0
111	44.8	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 39.64 ng

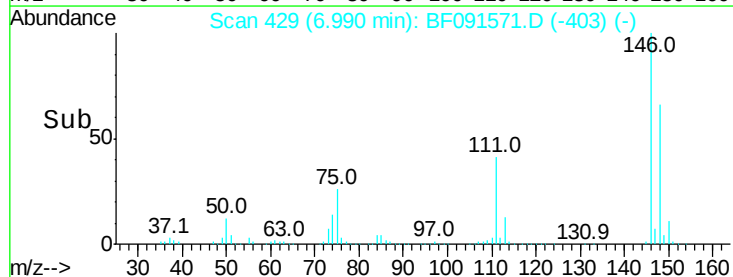
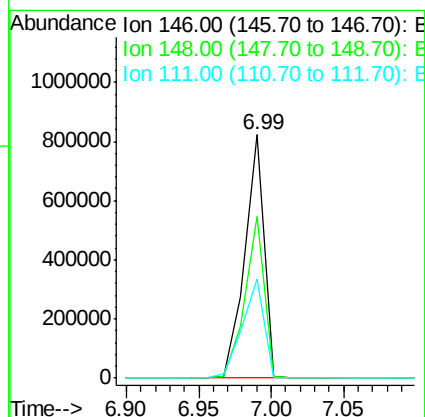
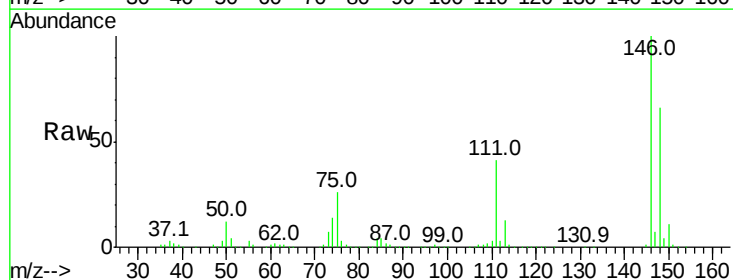
RT: 6.99 min Scan# 429

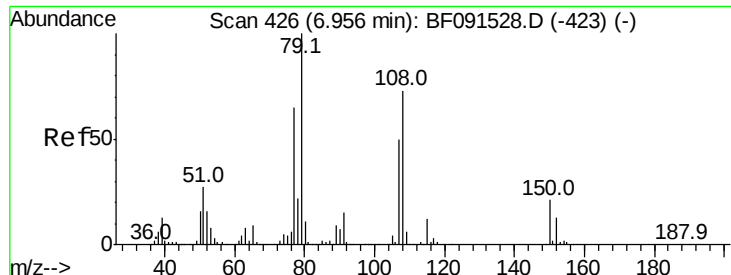
Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Tgt Ion:	146	Resp:	759733
Ion Ratio	Lower	Upper	
146	100		
148	66.4	51.0	76.6
111	40.5	38.9	58.3





#15

Benzyl Alcohol

Concen: 35.65 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 618096

Ion Ratio Lower Upper

79 100

108 74.5 62.7 94.1

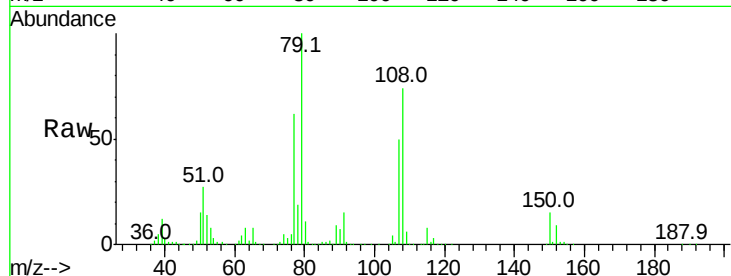
77 61.9 51.7 77.5

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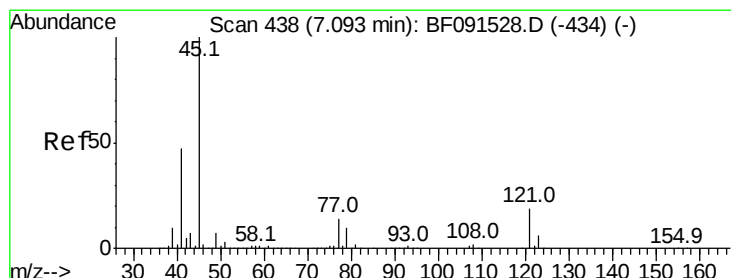
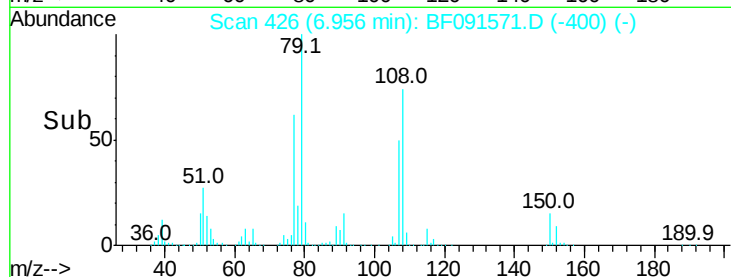
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

6.96

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.27 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

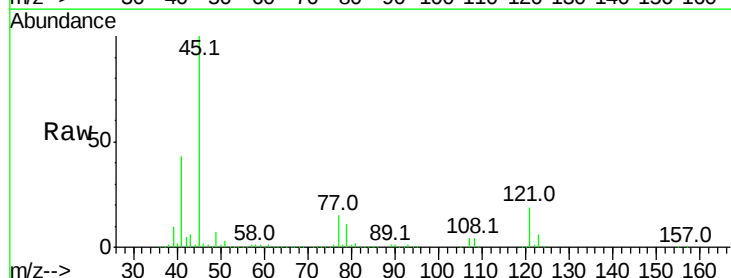
Tgt Ion: 45 Resp: 1173802

Ion Ratio Lower Upper

45 100

77 14.6 3.8 43.8

79 11.4 0.2 40.2



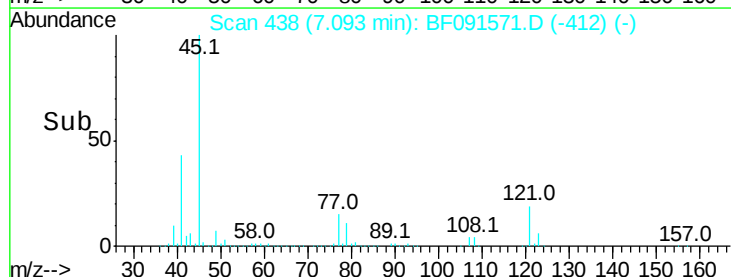
Abundance Ion 45.00 (44.70 to 45.70): BF0

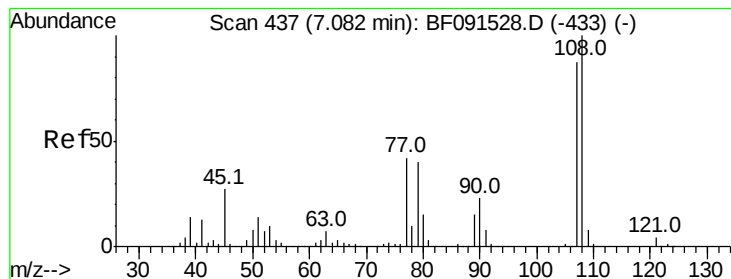
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

7.09

Time-->





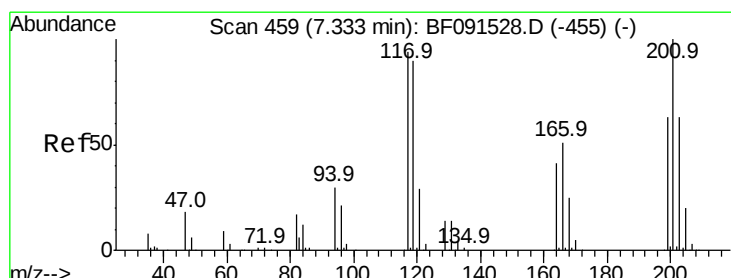
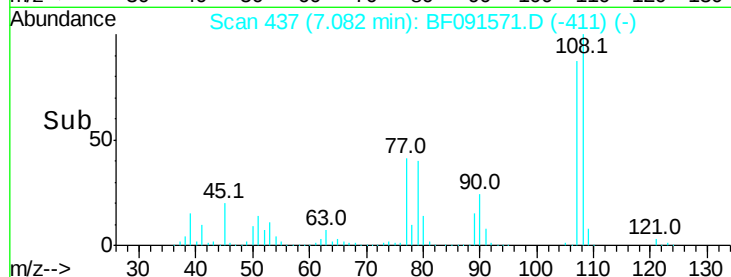
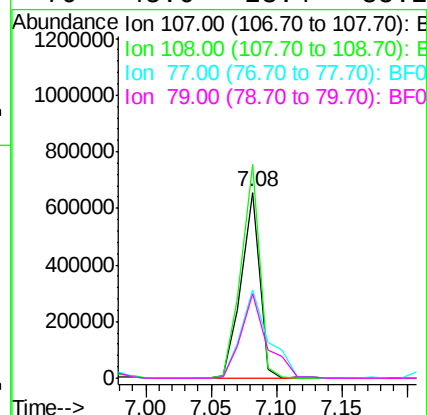
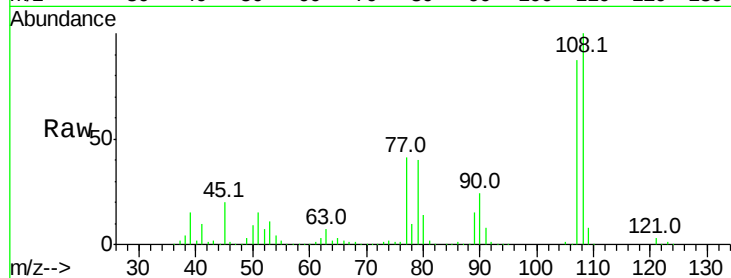
#17
2-Methylphenol
Concen: 39.36 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	67.7	101.5#
77	47.3	40.7	61.1
79	45.6	23.4	35.2#

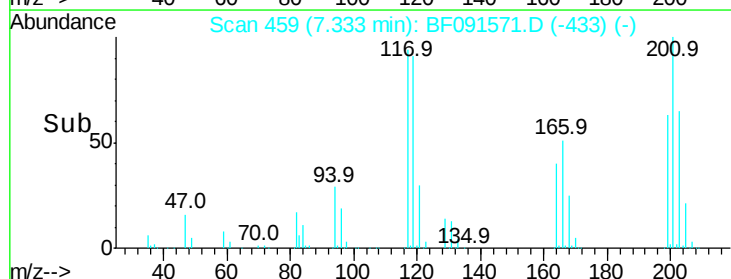
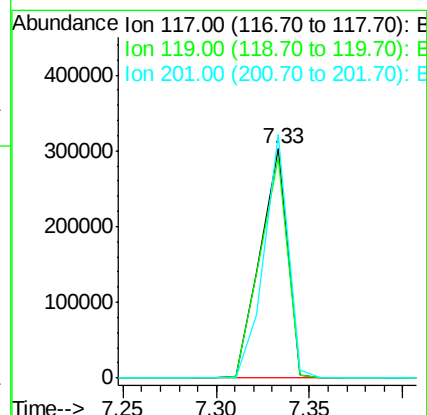
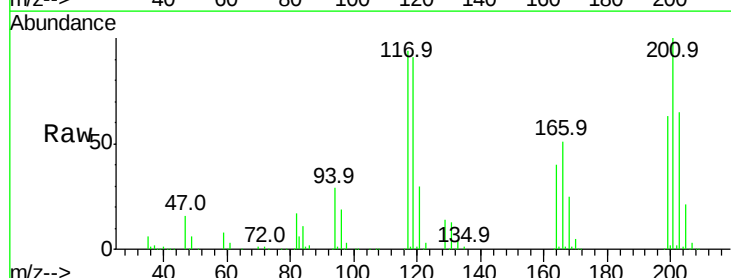
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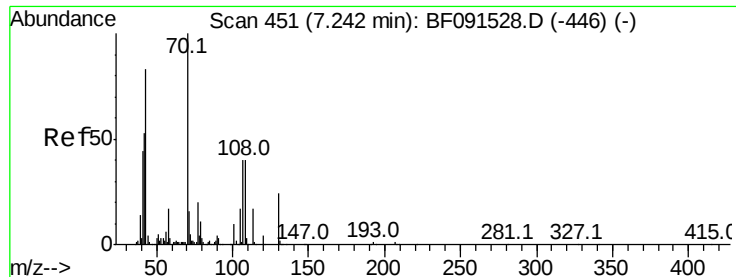
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#18
Hexachloroethane
Concen: 36.98 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.6	118.0
201	106.1	86.7	130.1





#19

n-Nitroso-di-n-propylamine

Concen: 37.58 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

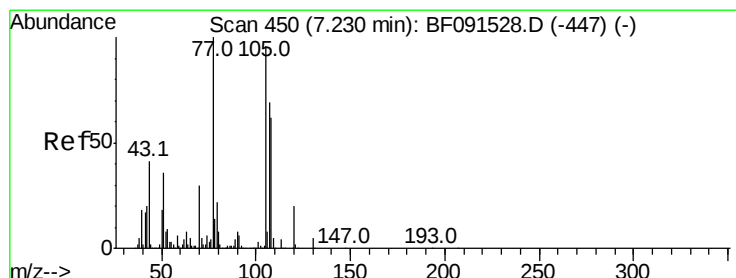
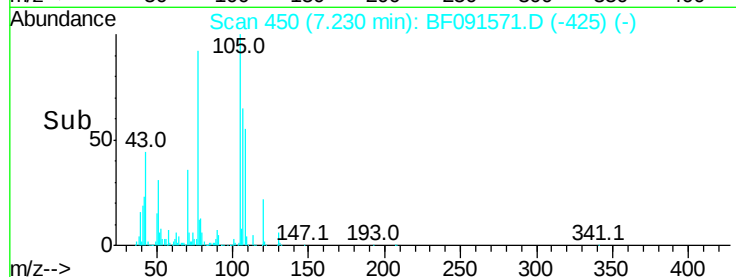
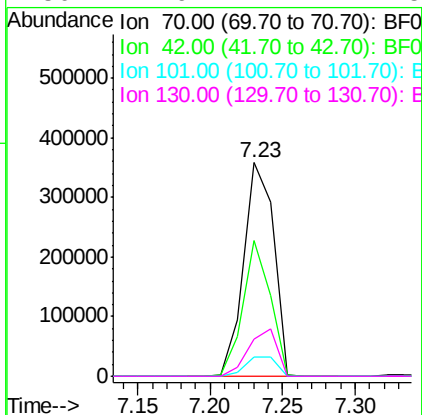
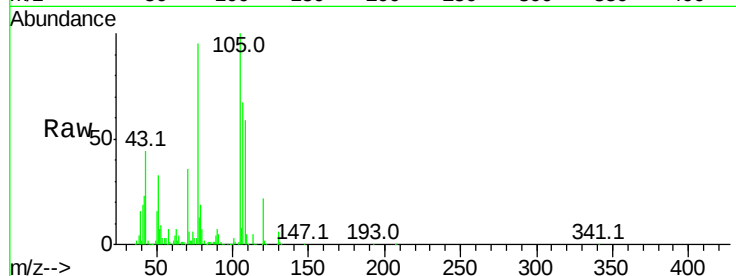
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.8	64.8	97.2#	
101	8.8	6.2	9.4	
130	17.6	11.7	17.5#	

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#20

3+4-Methylphenols

Concen: 38.39 ng

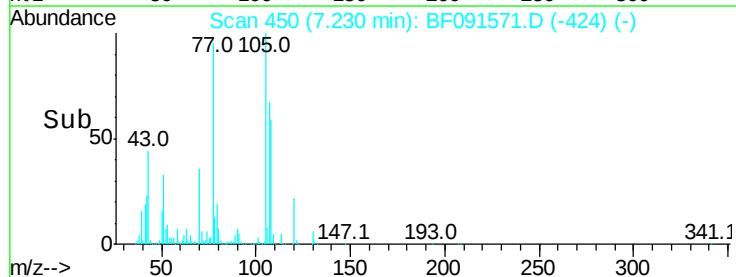
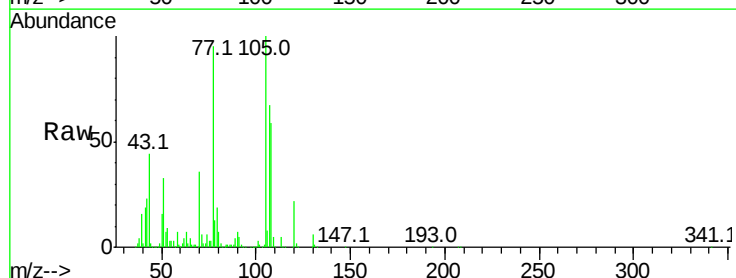
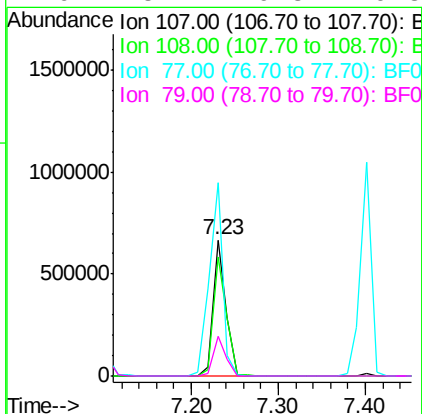
RT: 7.23 min Scan# 450

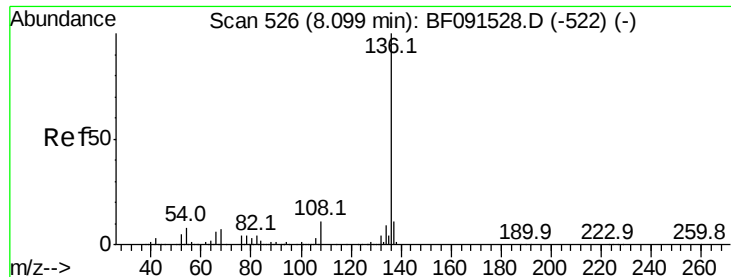
Delta R.T. 0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.2	64.6	104.6	
77	141.6	30.9	70.9#	
79	28.7	9.3	49.3	





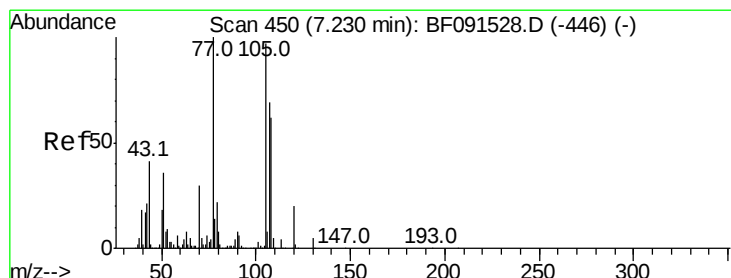
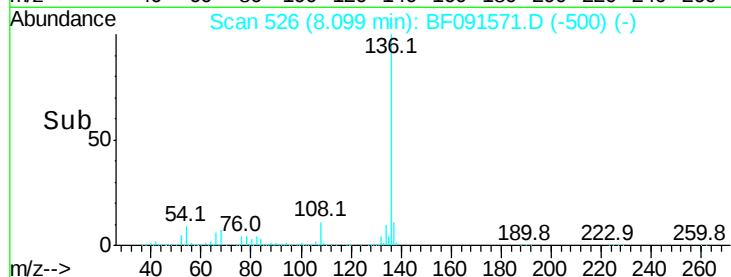
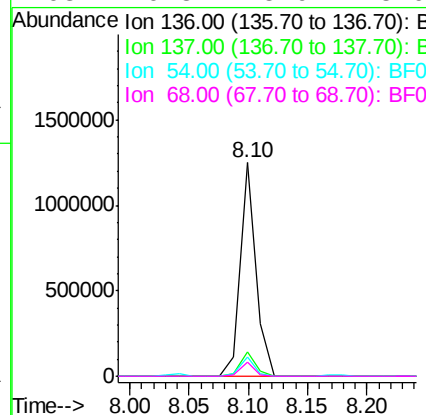
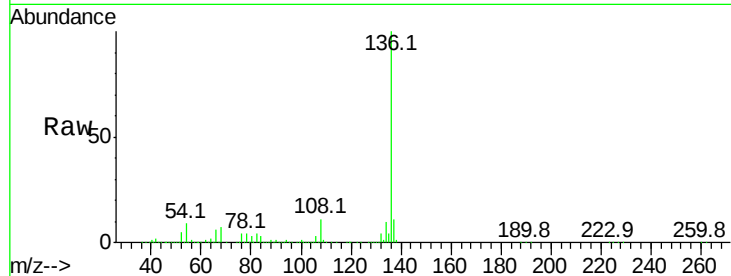
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.7	9.1	13.7#
68	6.8	5.9	8.9

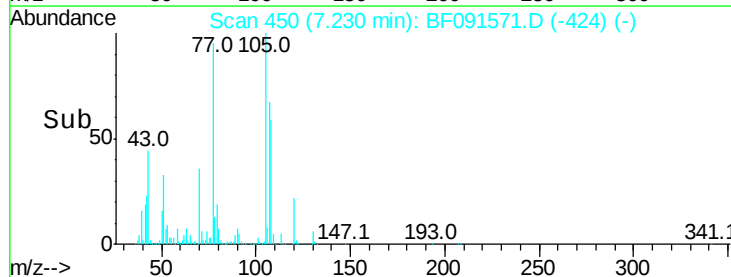
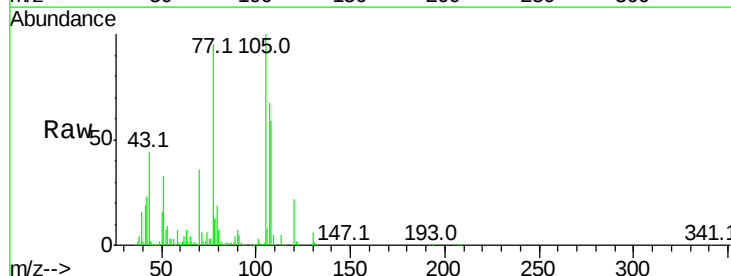
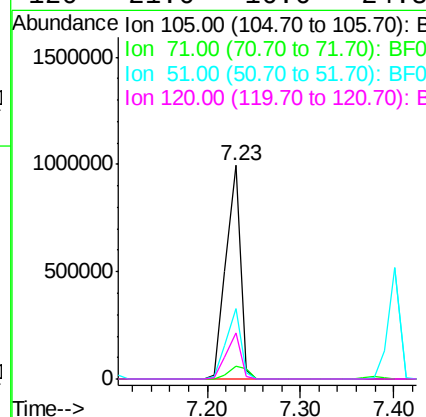
Manual Integrations
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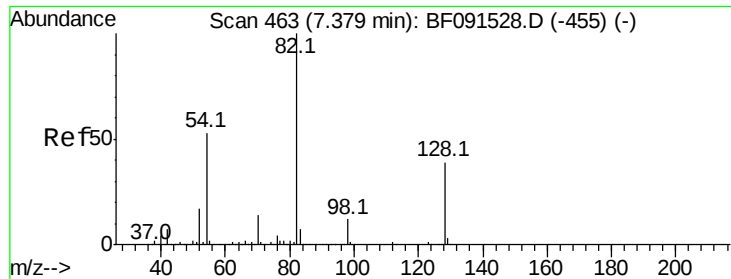
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#22
Acetophenone
Concen: 39.07 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.9	7.9	11.9#
51	33.1	24.5	36.7
120	21.6	16.6	24.8





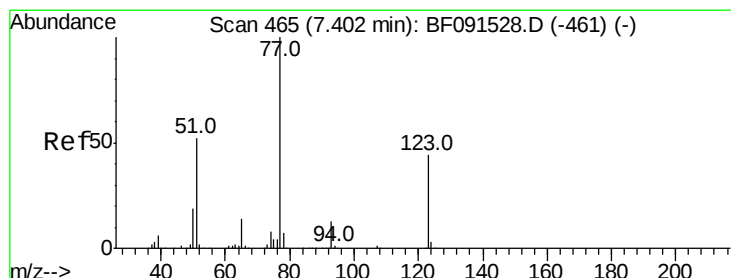
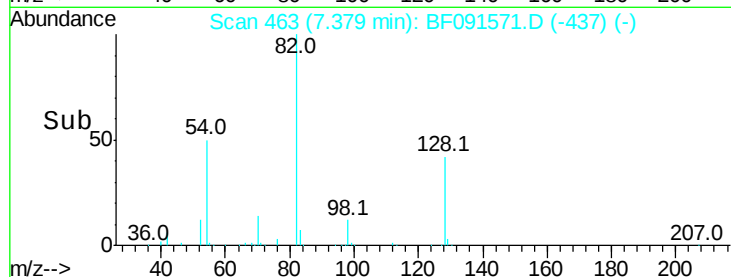
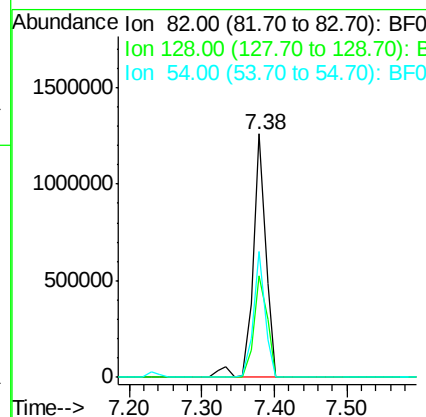
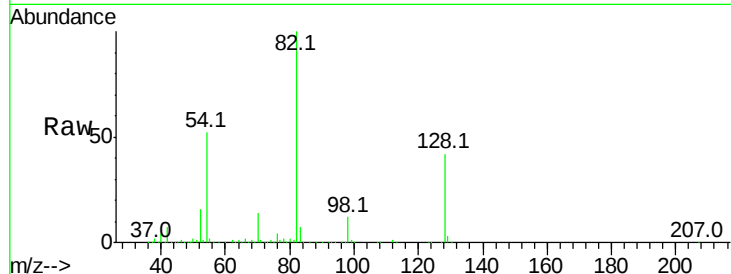
#23
 Nitrobenzene-d5
 Concen: 74.37 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1529274
 Ion Ratio Lower Upper
 82 100
 128 41.6 31.8 47.6
 54 51.8 49.1 73.7

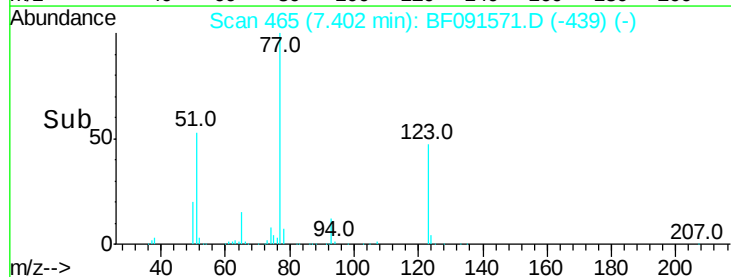
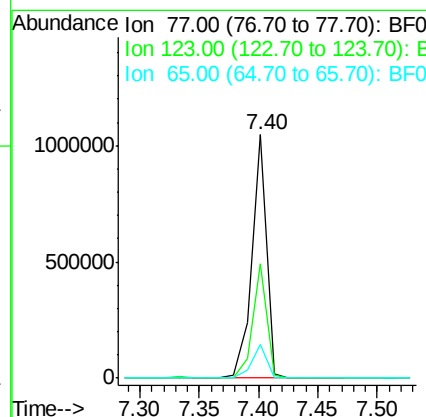
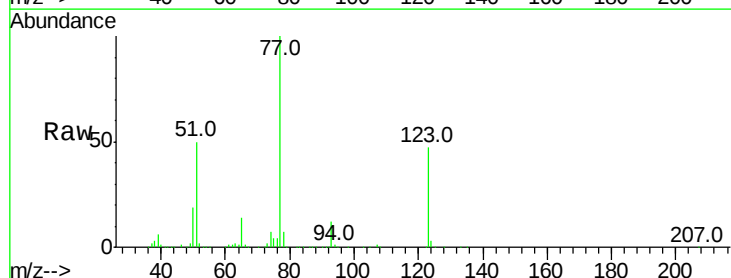
Manual Integrations
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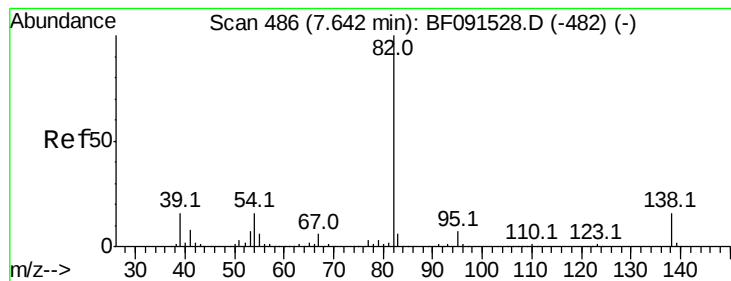
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#24
 Nitrobenzene
 Concen: 41.57 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion: 77 Resp: 903157
 Ion Ratio Lower Upper
 77 100
 123 47.1 28.5 42.7#
 65 13.7 12.5 18.7





#25

Isophorone

Concen: 38.74 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1416028

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

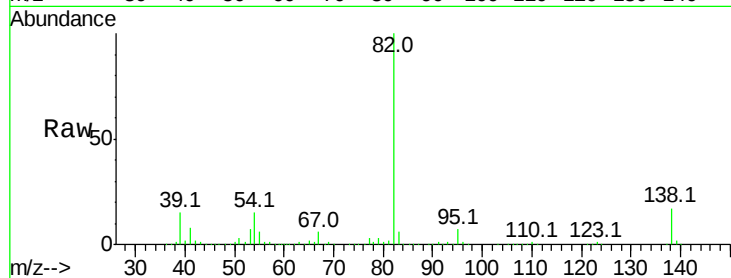
138 16.9 13.4 20.0

Manual Integrations

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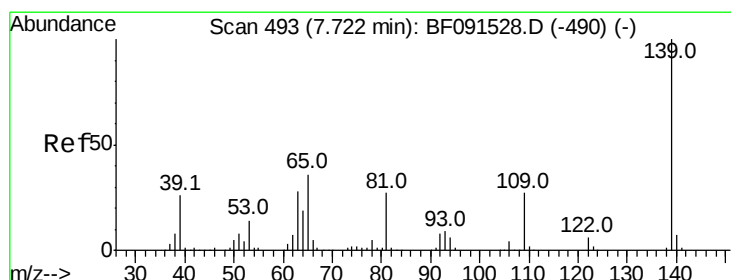
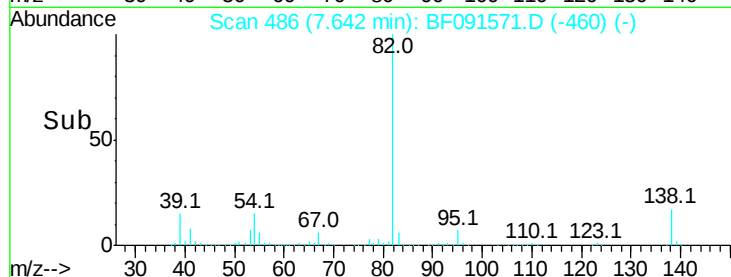
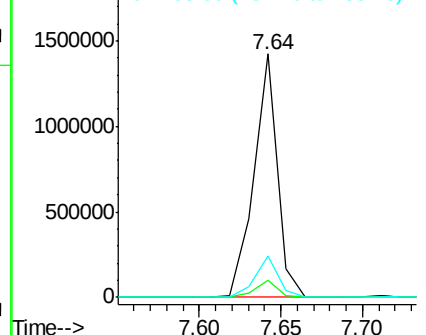
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.44 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

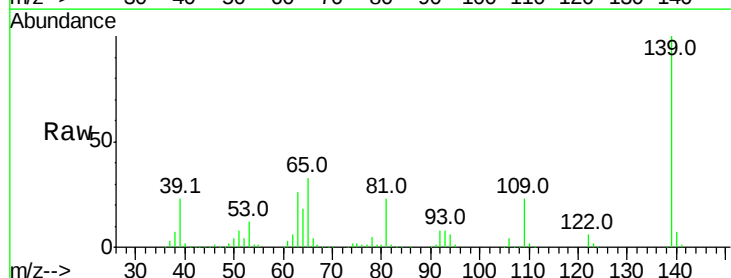
Tgt Ion: 139 Resp: 387792

Ion Ratio Lower Upper

139 100

109 23.1 25.3 37.9#

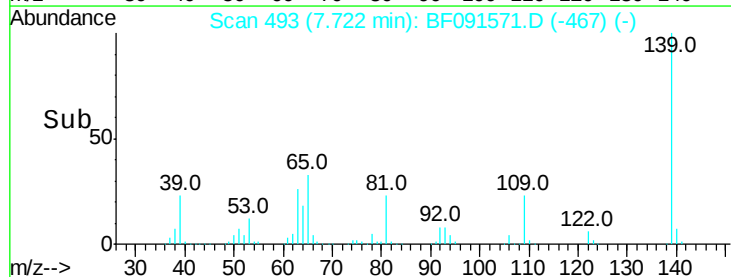
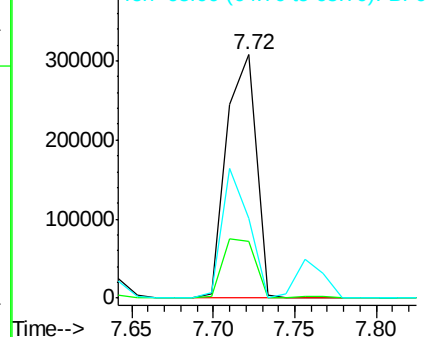
65 32.7 55.4 83.2#

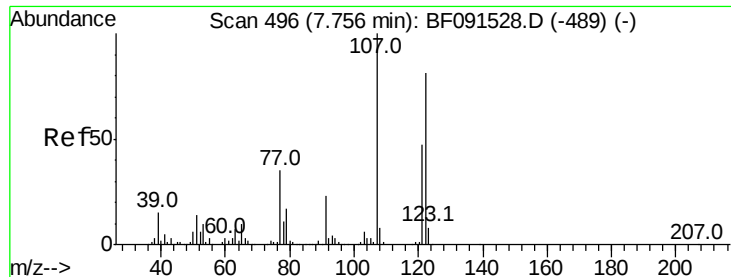


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.46 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

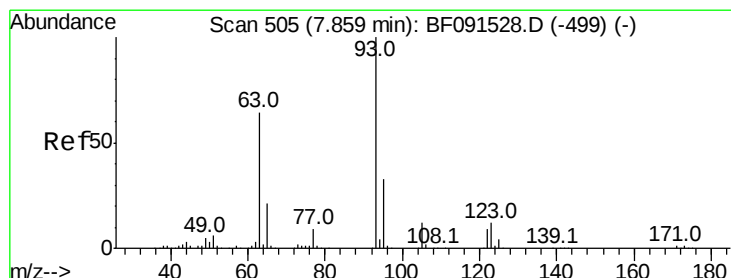
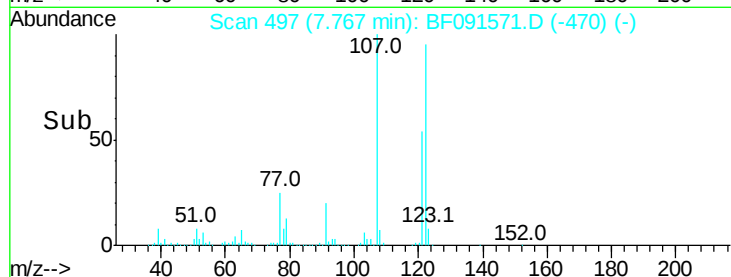
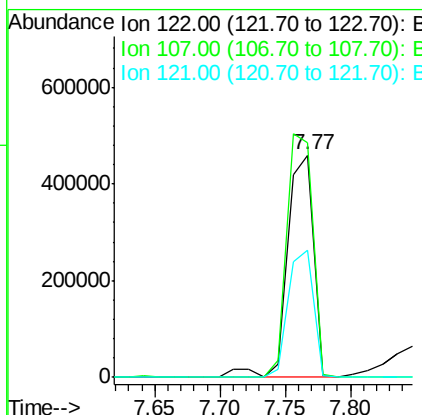
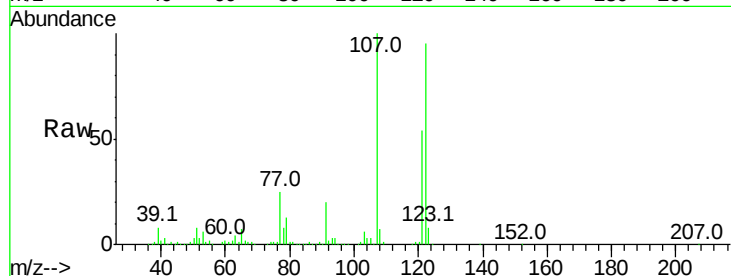
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.6	96.8	145.2
121	57.2	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 41.36 ng

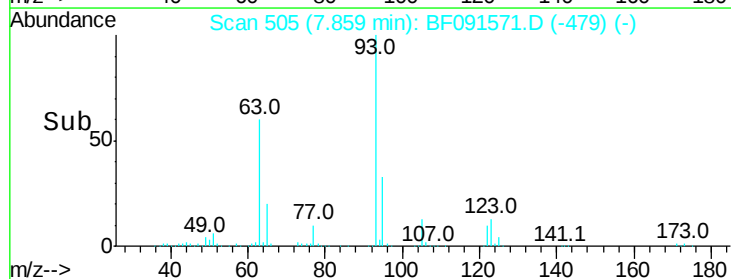
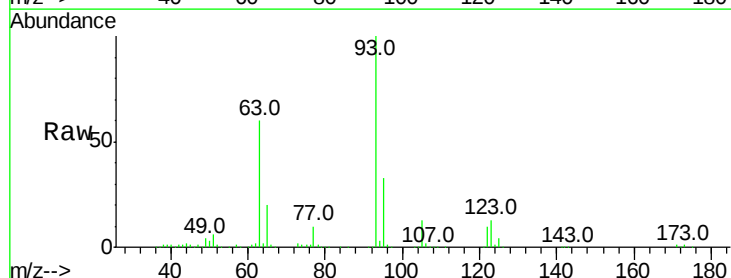
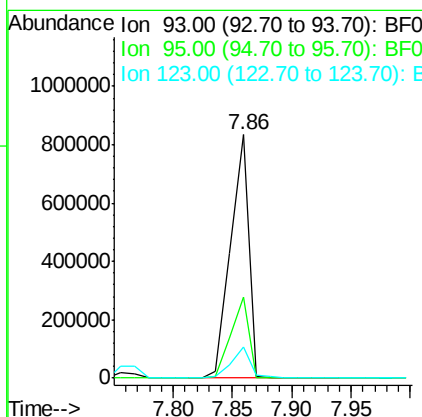
RT: 7.86 min Scan# 505

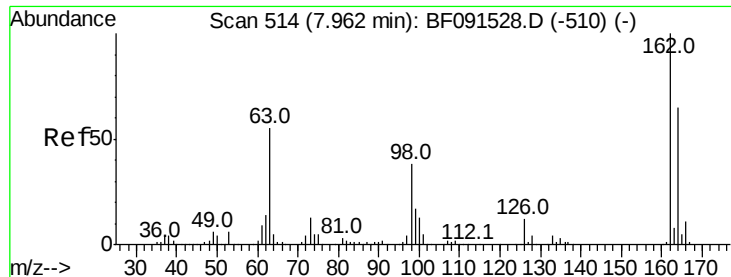
Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.0	39.0
123	12.8	8.6	12.8





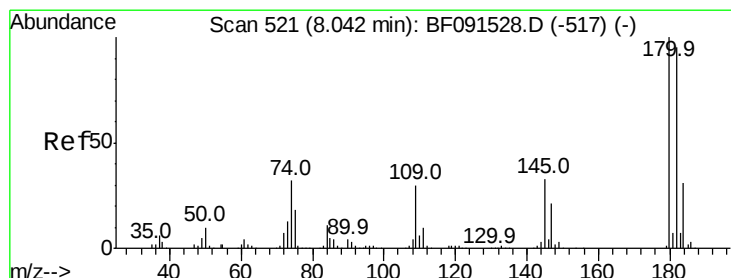
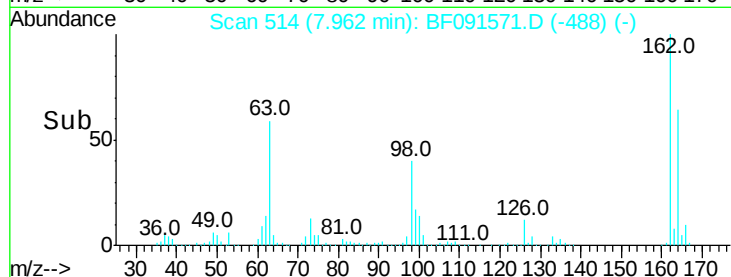
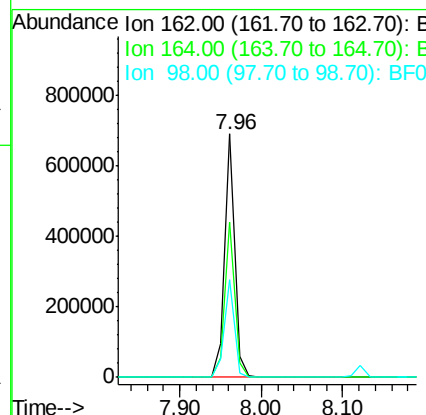
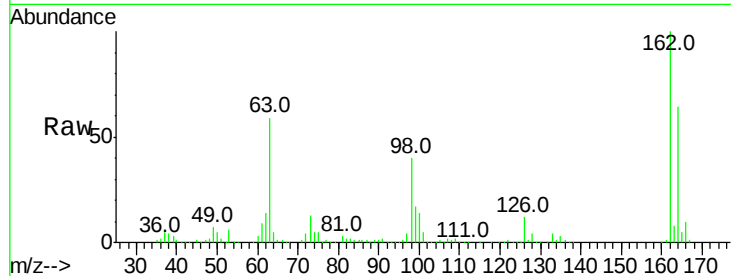
#29
 2,4-Dichlorophenol
 Concen: 40.06 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	45.0	85.0
98	40.1	21.3	61.3

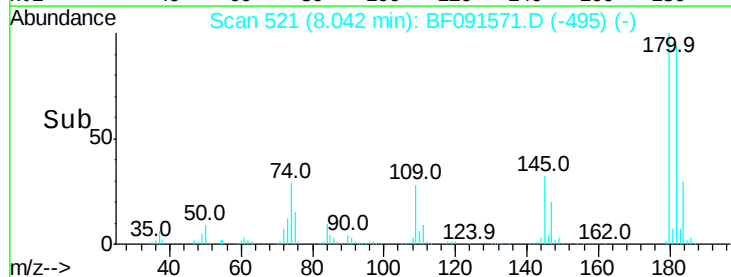
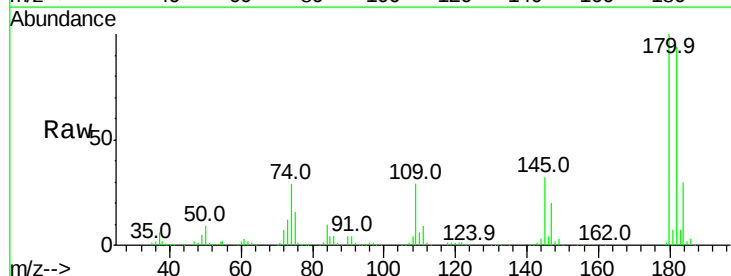
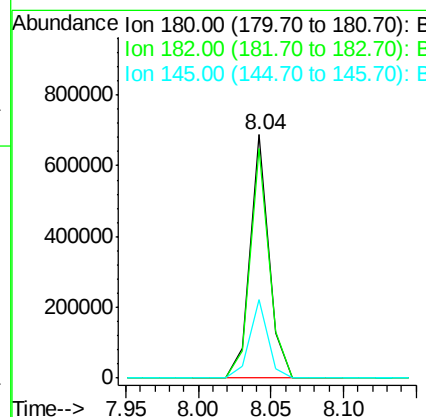
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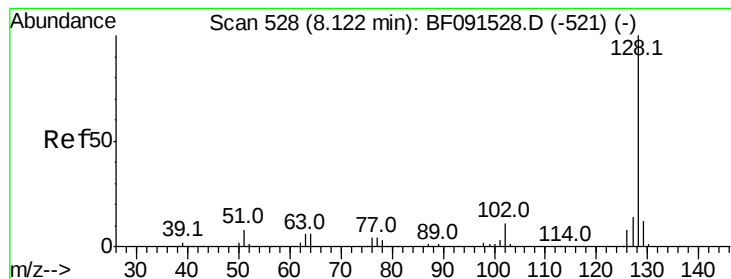
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.14 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	75.8	113.8
145	32.3	27.0	40.4





#31

Naphthalene

Concen: 36.76 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1963002

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

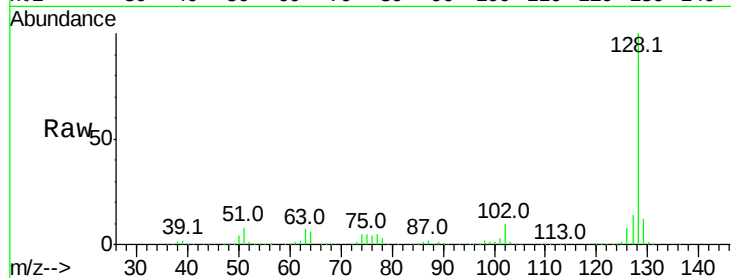
127 13.6 11.0 16.4

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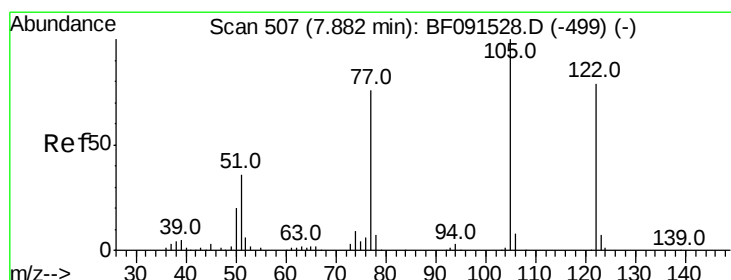
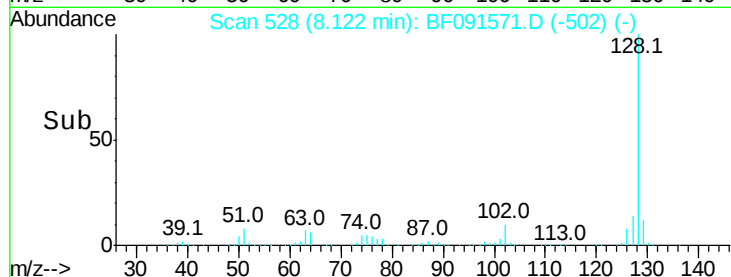
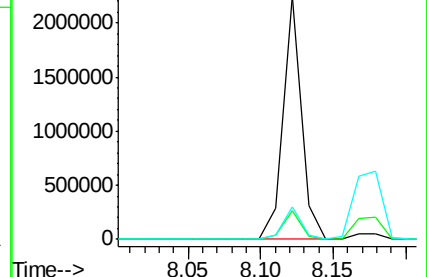
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.36 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

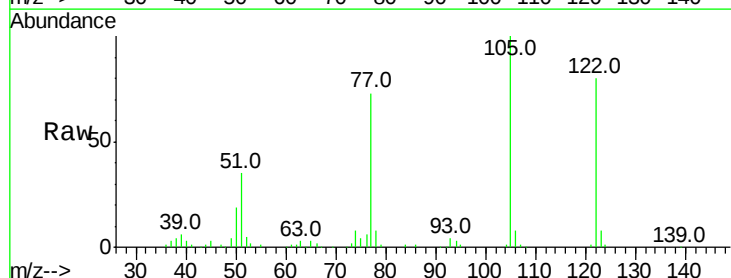
Tgt Ion:122 Resp: 356131

Ion Ratio Lower Upper

122 100

105 124.9 113.0 153.0

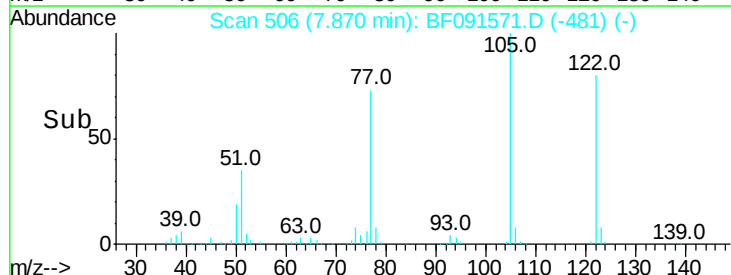
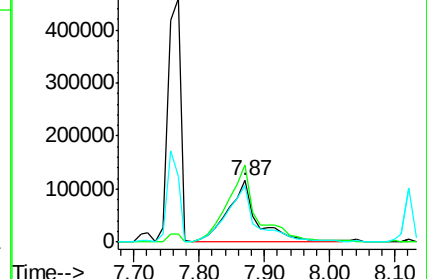
77 91.8 82.0 122.0

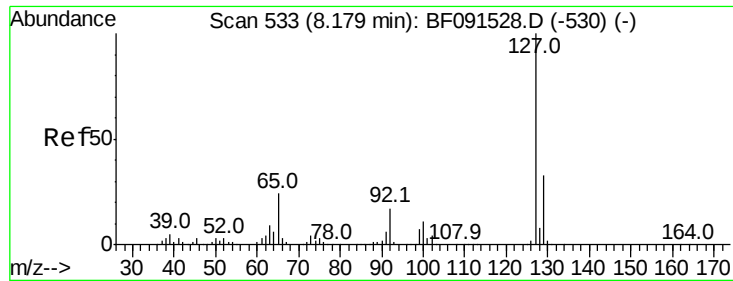


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





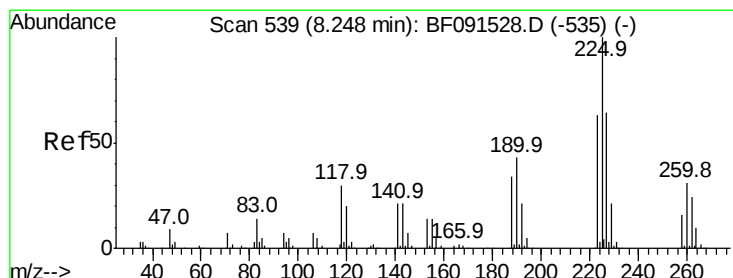
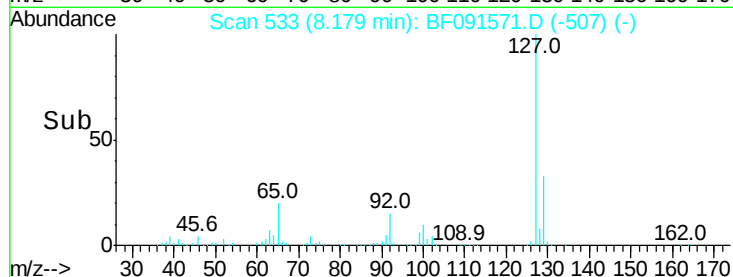
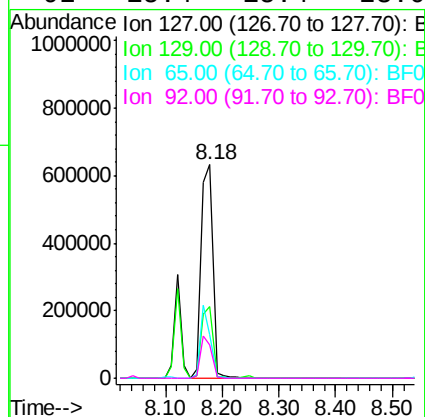
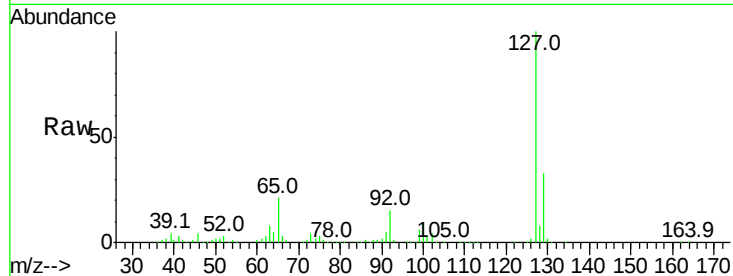
#33
4-Chloroaniline
Concen: 38.09 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.2	39.4		
65	20.6	26.6	39.8		
92	15.4	15.4	23.0		

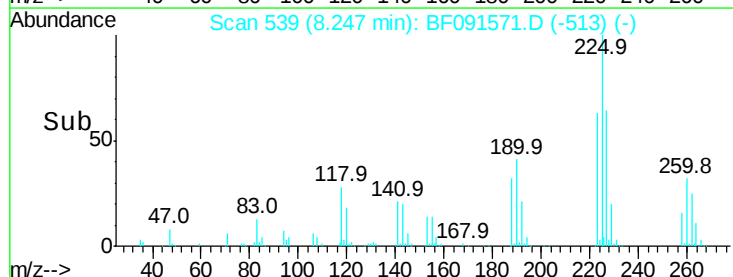
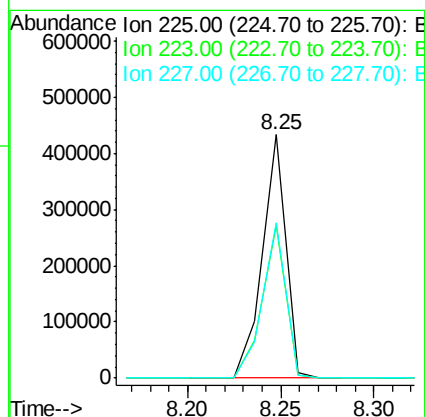
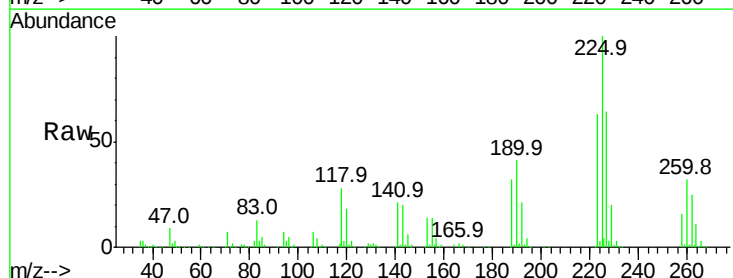
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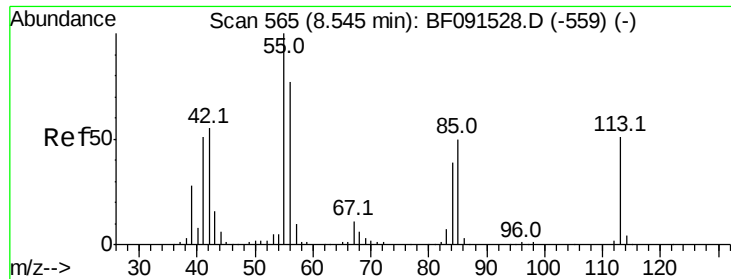
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#34
Hexachlorobutadiene
Concen: 39.10 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	49.8	74.6		
227	63.6	52.6	79.0		





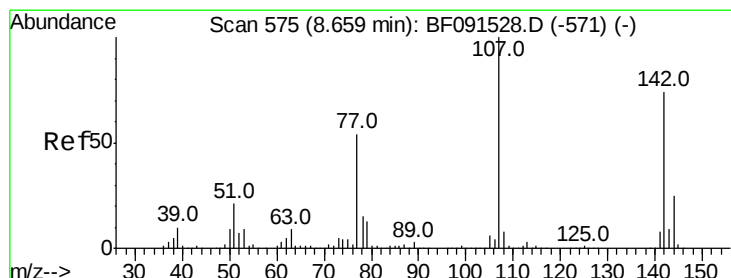
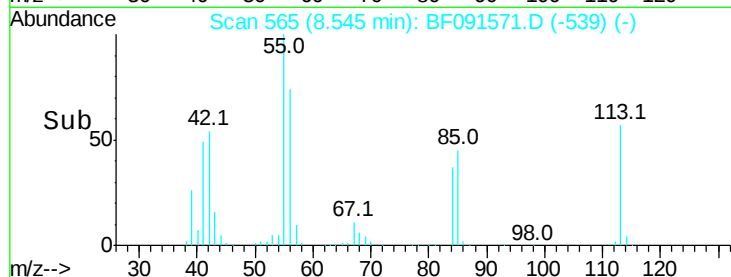
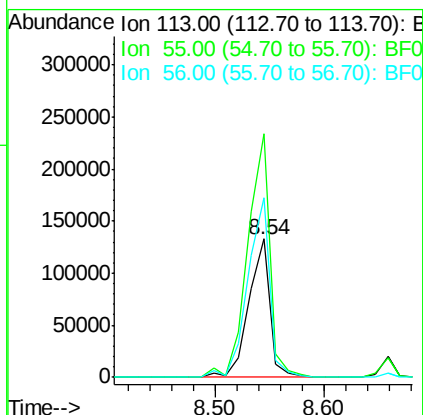
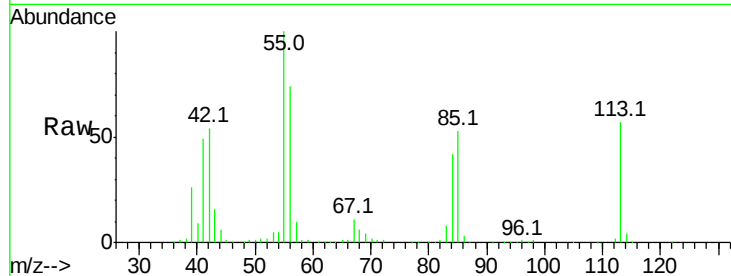
#35
 Caprolactam
 Concen: 41.84 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.7	239.8	279.8#
56	129.6	165.6	205.6#

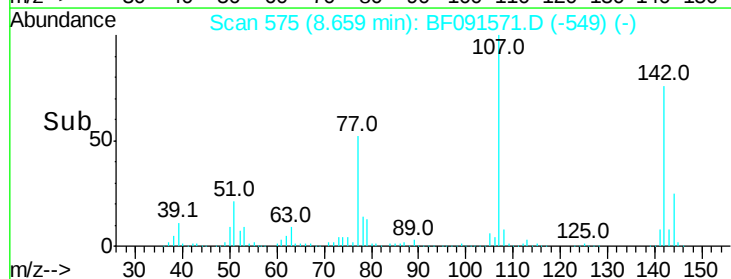
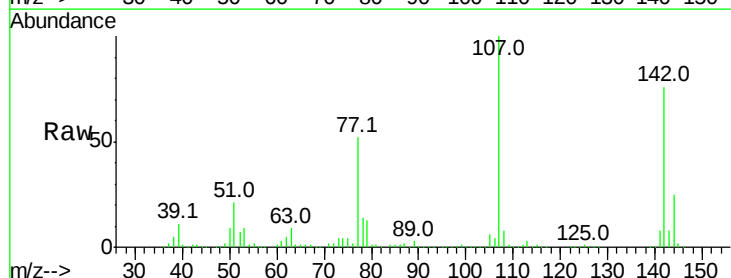
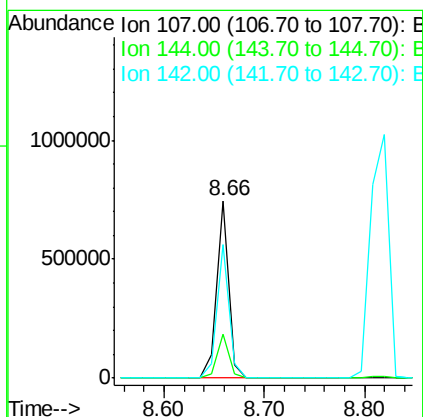
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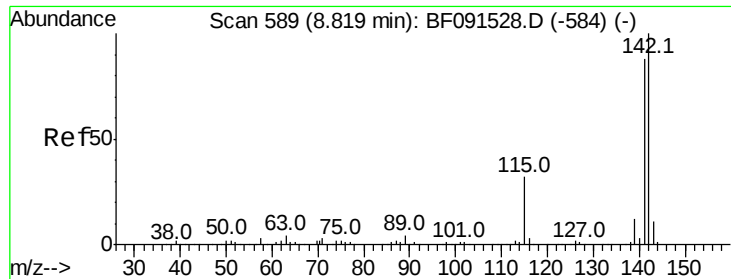
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#36
 4-Chloro-3-methylphenol
 Concen: 37.82 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	18.9	28.3
142	75.6	58.5	87.7





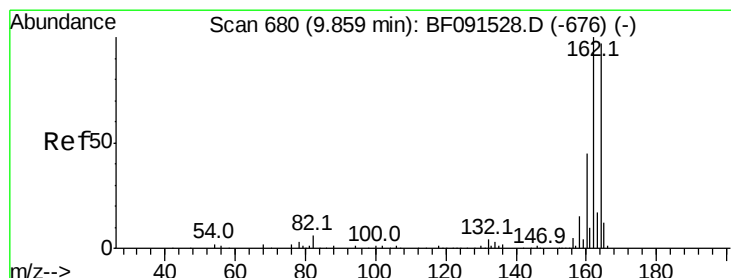
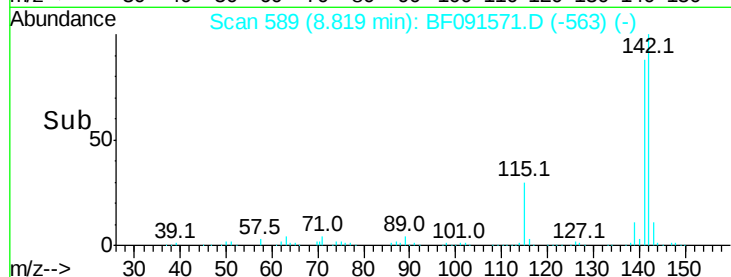
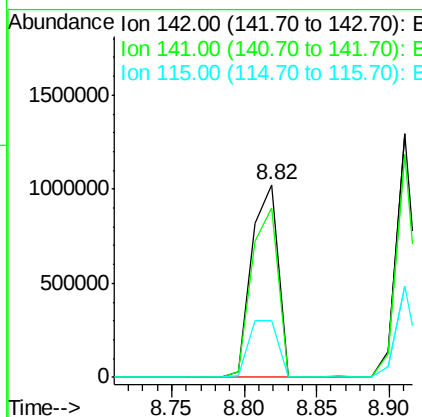
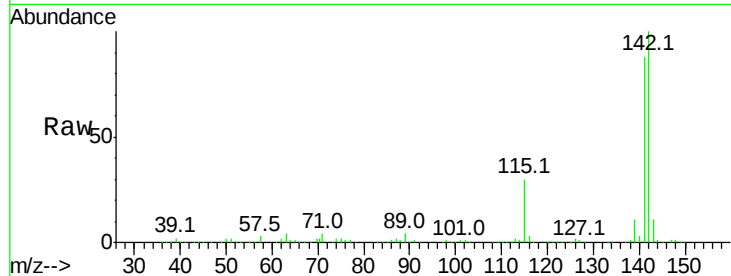
#37
2-Methylnaphthalene
Concen: 37.26 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1287931
Ion Ratio Lower Upper
142 100
141 87.9 71.7 107.5
115 29.7 25.0 37.6

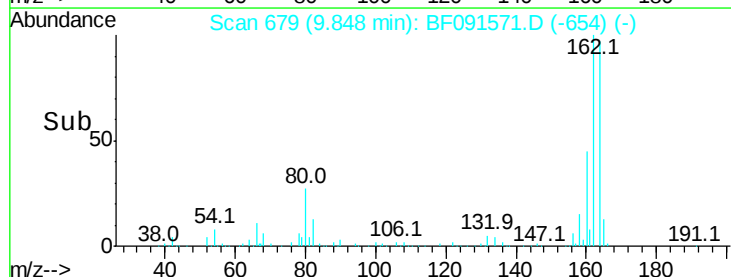
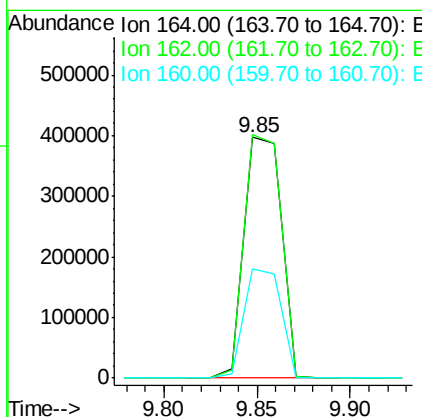
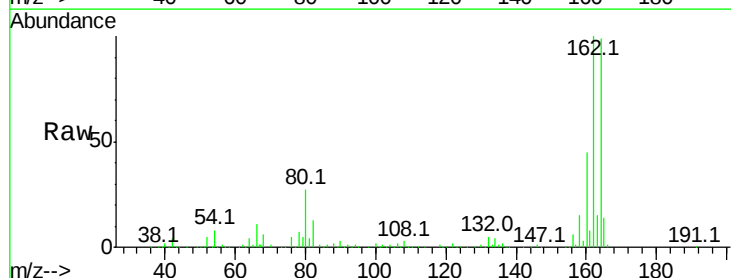
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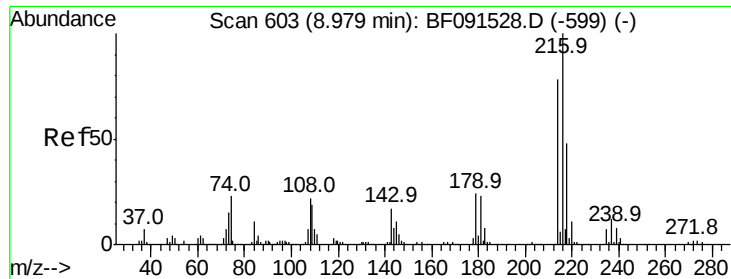
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion:164 Resp: 548500
Ion Ratio Lower Upper
164 100
162 101.2 82.6 124.0
160 45.5 36.7 55.1





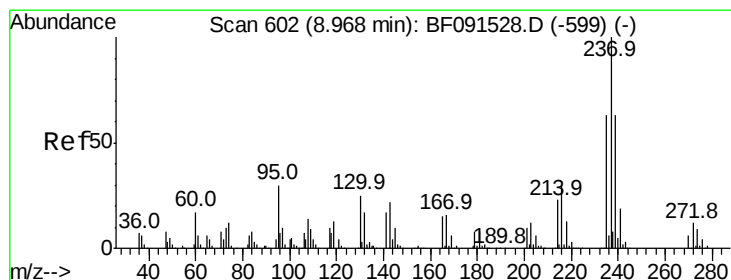
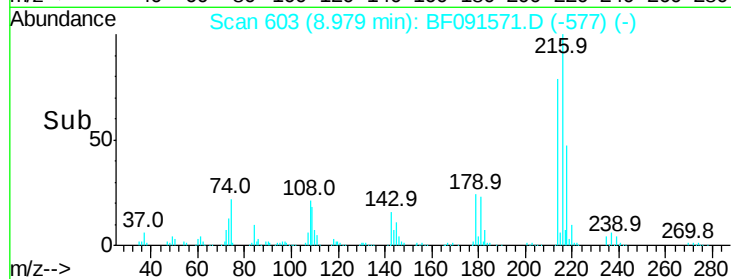
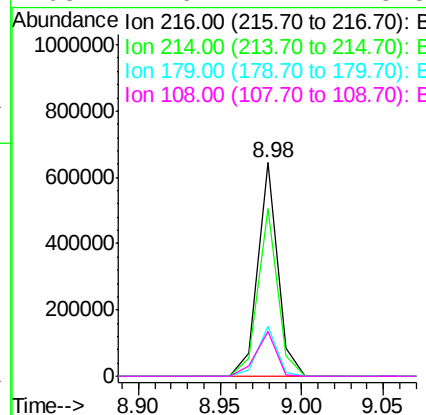
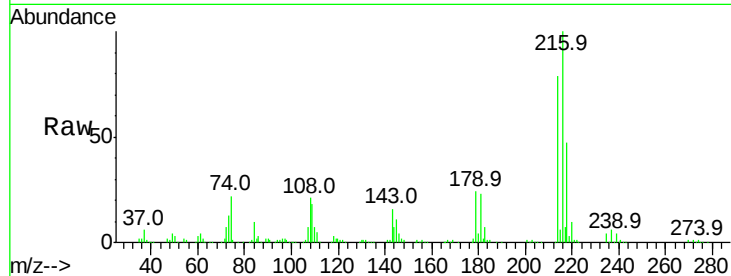
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.54 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.0	63.8	95.8
179	23.0	18.2	27.2
108	21.6	17.2	25.8

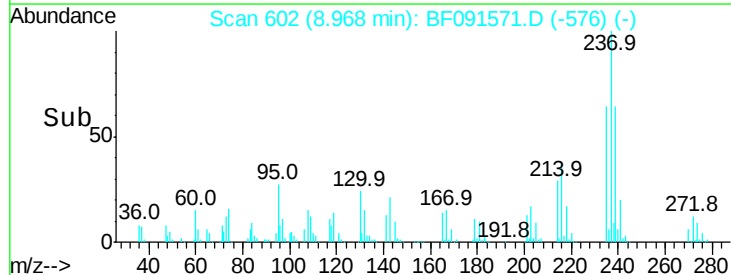
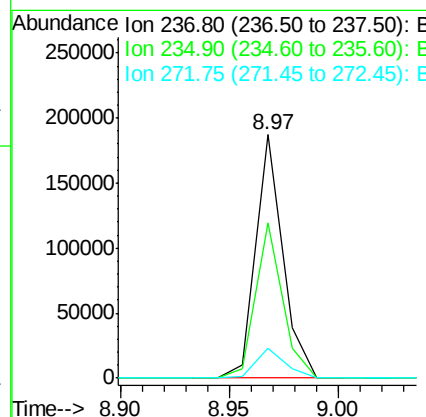
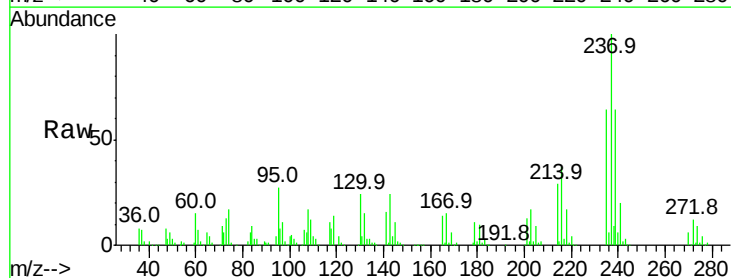
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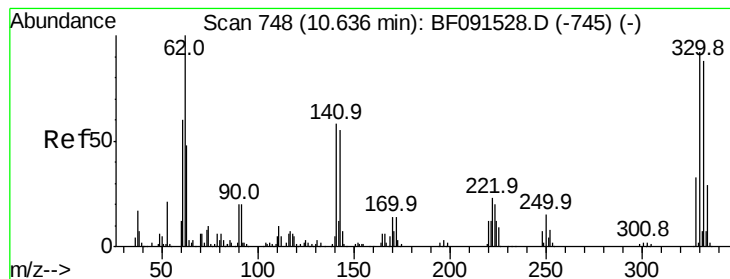
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#40
 Hexachlorocyclopentadiene
 Concen: 24.16 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	43.9	83.9
272	12.0	0.0	33.1





#41

2,4,6-Tribromophenol

Concen: 67.22 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

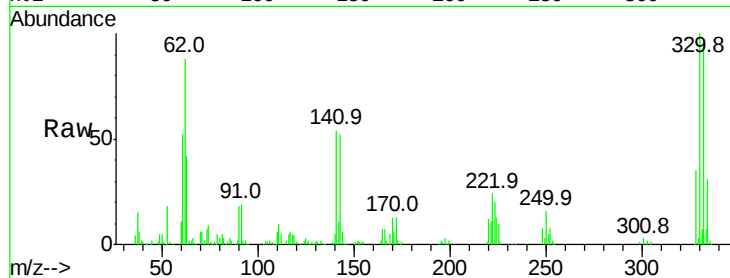
ClientSampleId :

SSTDCCC040

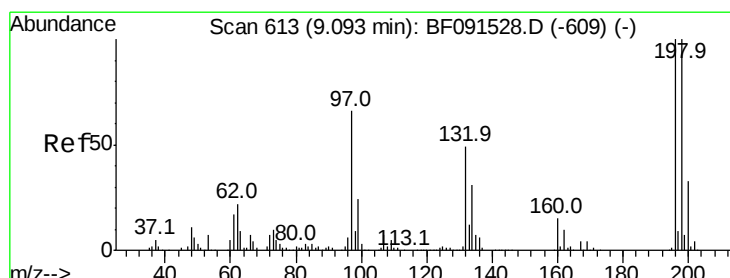
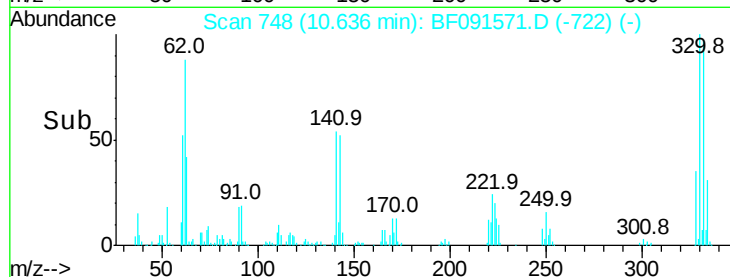
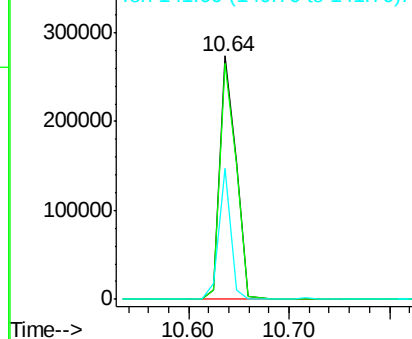
Tot Ion:	330	Resp:	306252
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.2	114.4
141	39.6	33.6	50.4

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



#42

2,4,6-Trichlorophenol

Concen: 40.21 ng

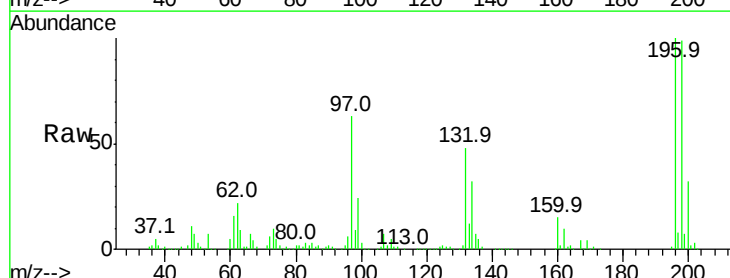
RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

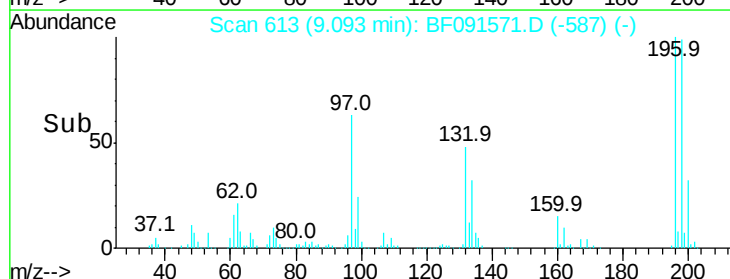
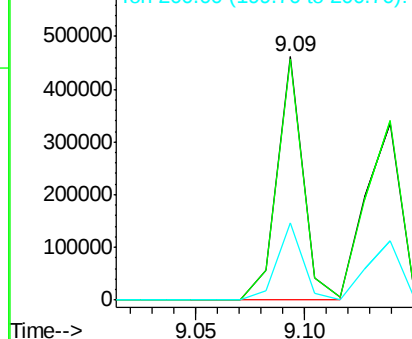
Lab File: BF091571.D

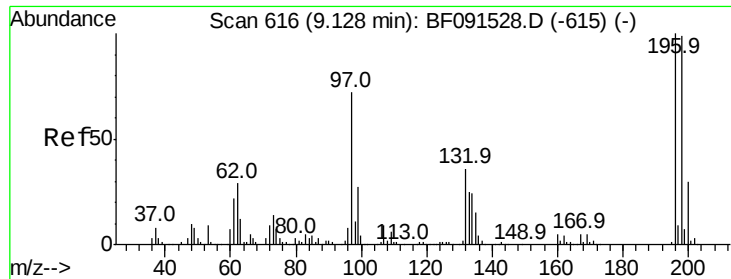
Acq: 14 Dec 2016 1:00

Tgt Ion:	196	Resp:	388724
Ion Ratio	Lower	Upper	
196	100		
198	99.2	77.4	116.0
200	31.7	25.2	37.8



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





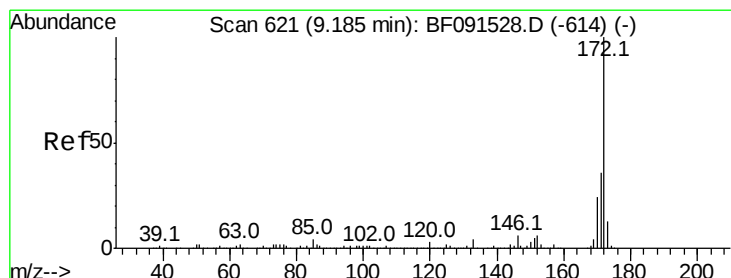
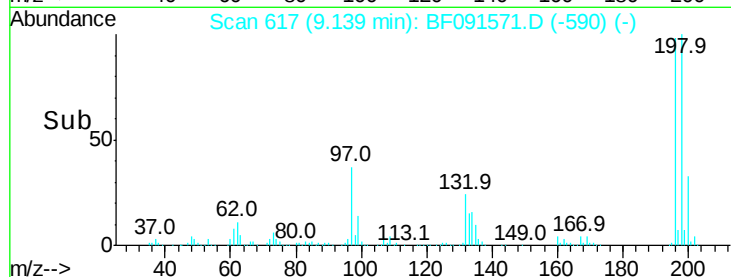
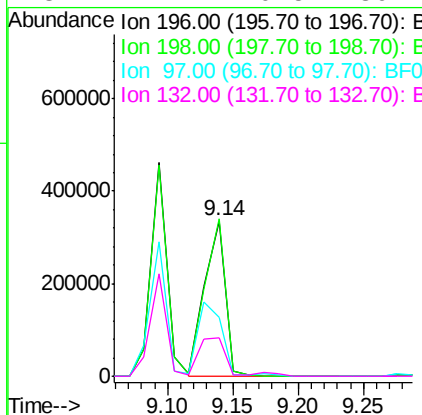
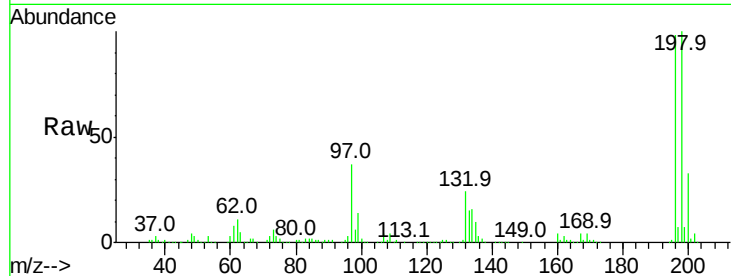
#43
 2,4,5-Trichlorophenol
 Concen: 37.79 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	375394		
198	101.7		77.0	115.6
97	38.0		33.5	50.3
132	24.4		20.5	30.7

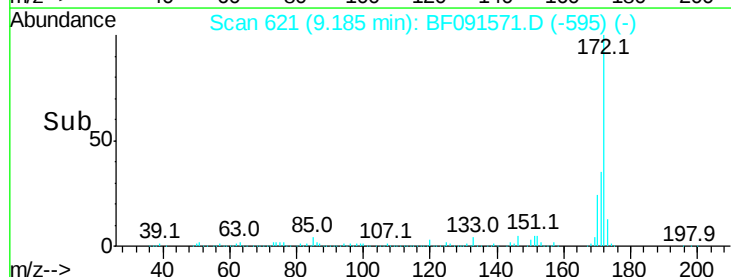
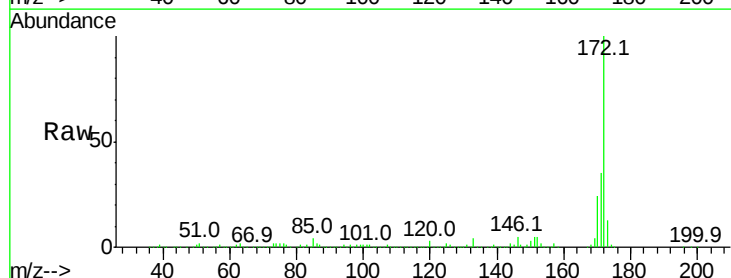
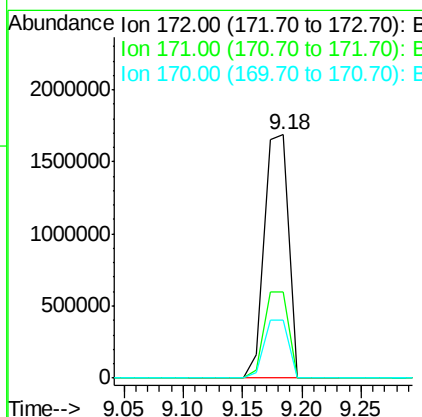
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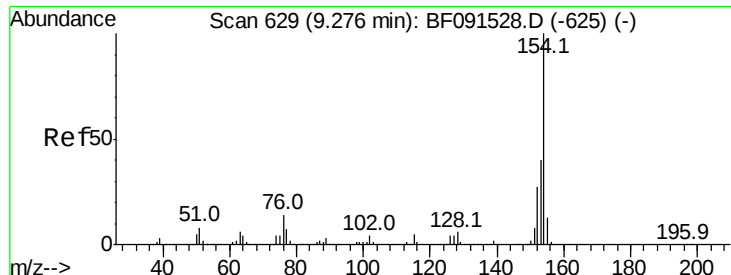
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#44
 2-Fluorobiphenyl
 Concen: 75.87 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2408486		
171	35.4		29.4	44.0
170	23.9		19.7	29.5





#45
 1,1'-Biphenyl
 Concen: 37.04 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

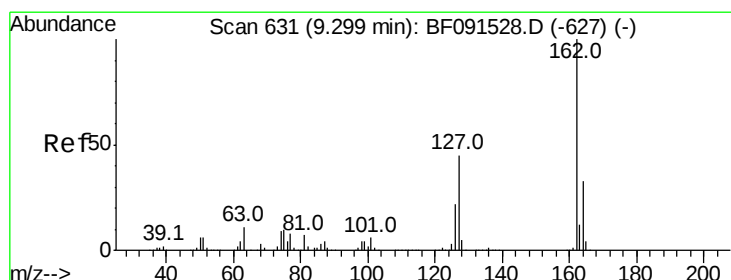
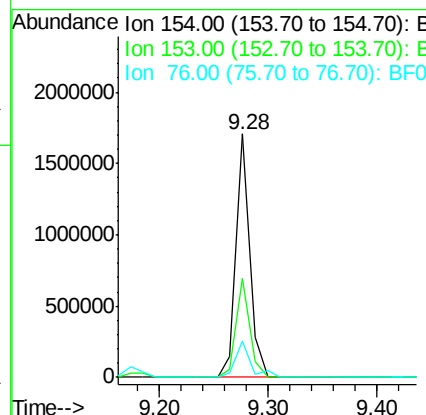
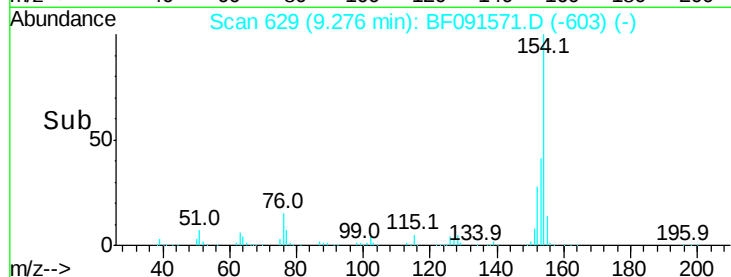
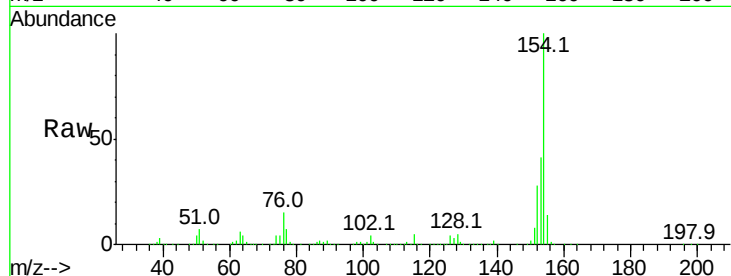
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:154 Resp: 1471408

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	14.9	0.0	36.6

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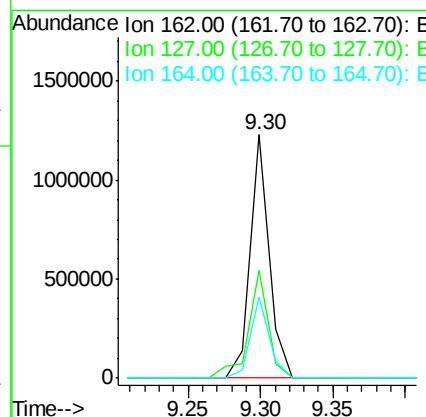
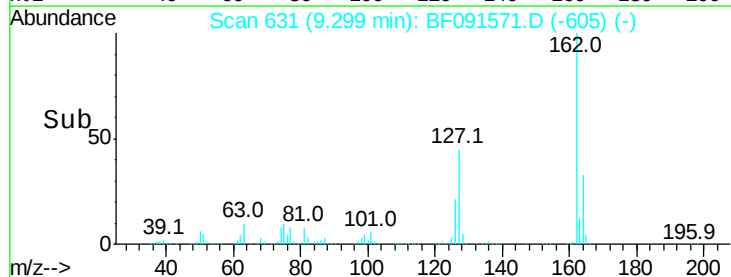
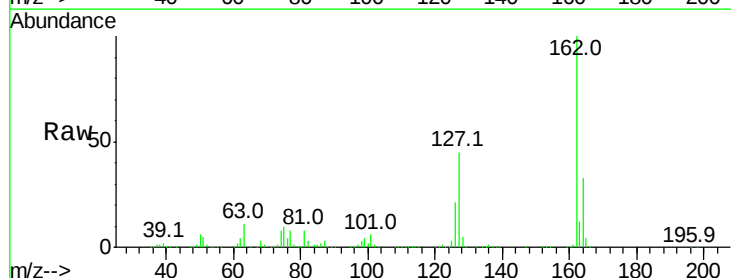
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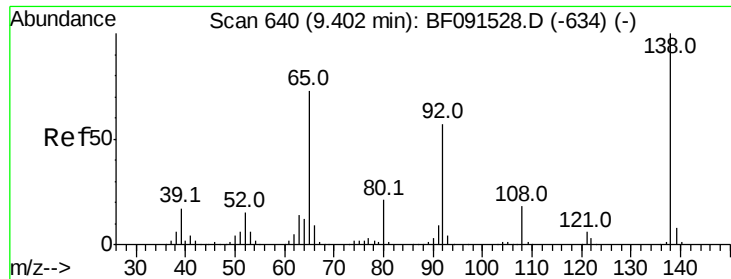


#46
 2-Chloronaphthalene
 Concen: 36.21 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:162 Resp: 1114068

Ion	Ratio	Lower	Upper
162	100		
127	44.6	34.3	51.5
164	33.2	26.6	40.0





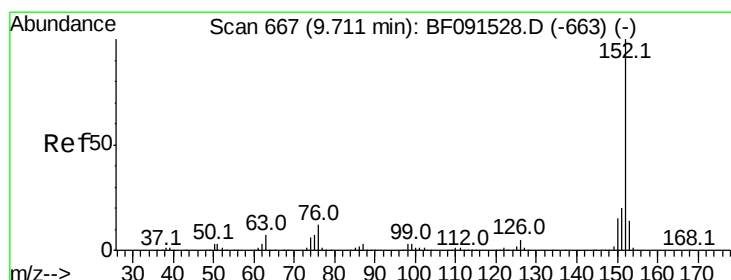
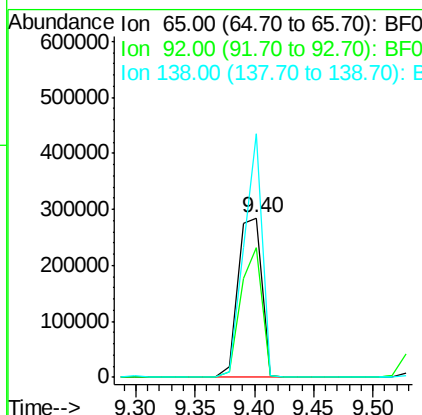
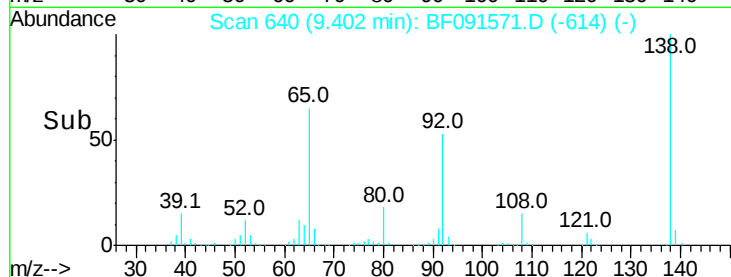
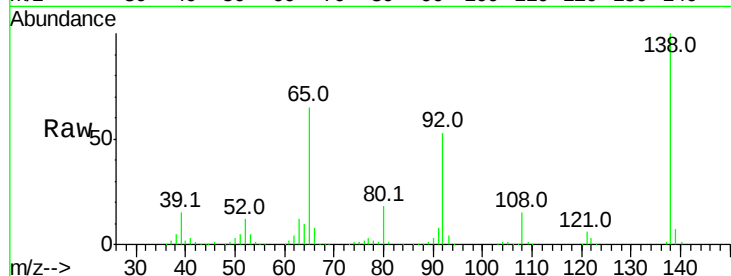
#47
2-Nitroaniline
Concen: 38.73 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	81.5	53.6	80.4#
138	152.7	91.0	136.6#

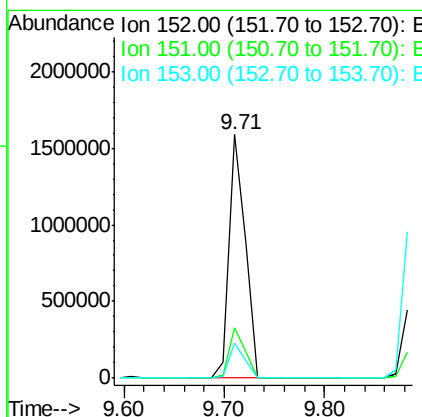
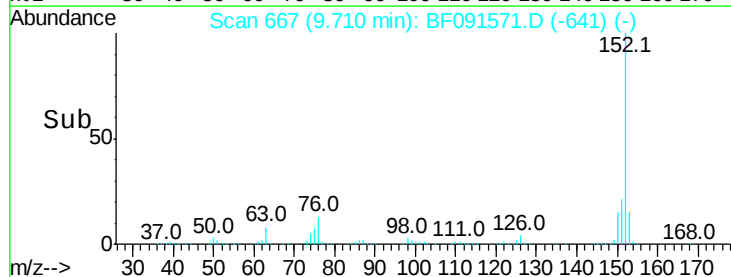
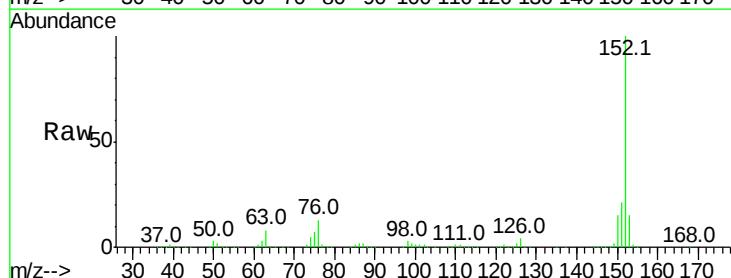
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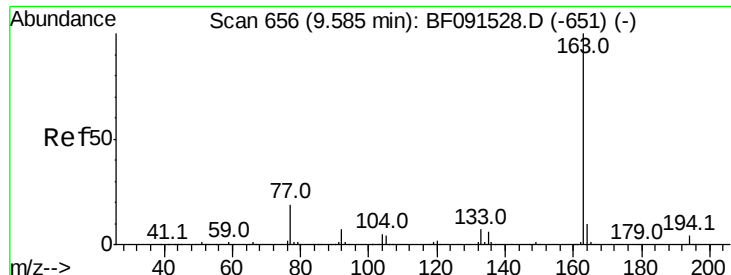
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#48
Acenaphthylene
Concen: 37.64 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8
153	14.6	10.7	16.1





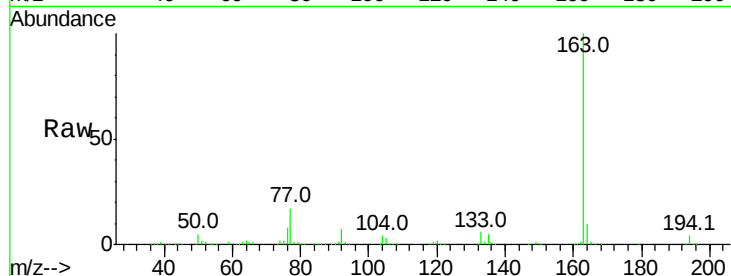
#49
Dimethylphthalate
Concen: 40.71 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

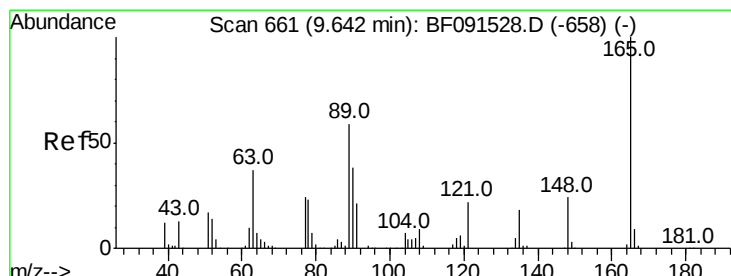
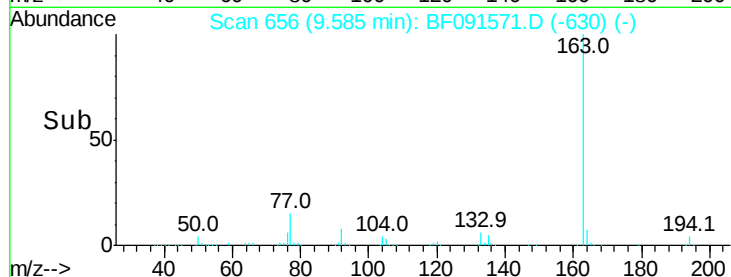
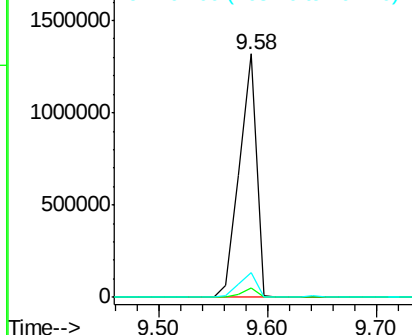
Tot Ion:163 Resp: 1413842
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 7.8 11.8

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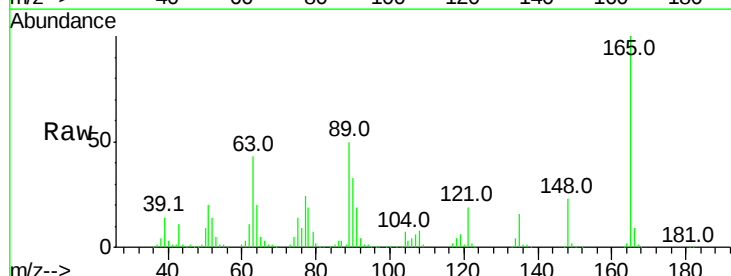


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

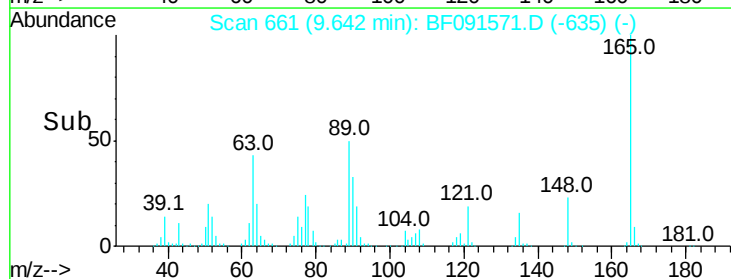
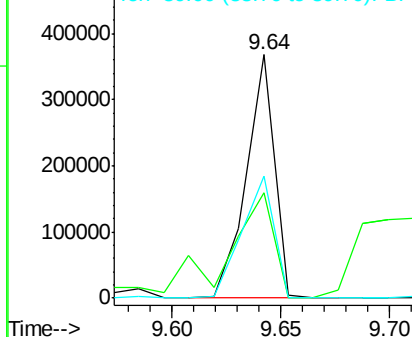


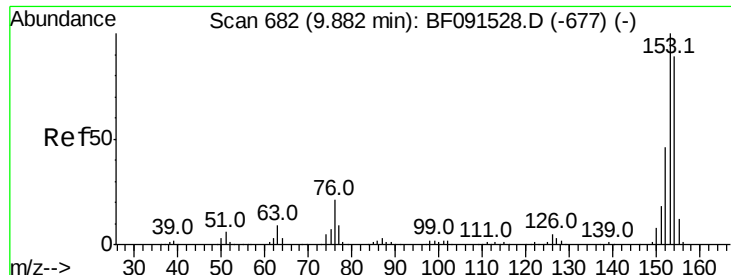
#50
2,6-Dinitrotoluene
Concen: 43.21 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion:165 Resp: 329376
Ion Ratio Lower Upper
165 100
63 43.2 59.4 89.0#
89 50.1 50.8 76.2#



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





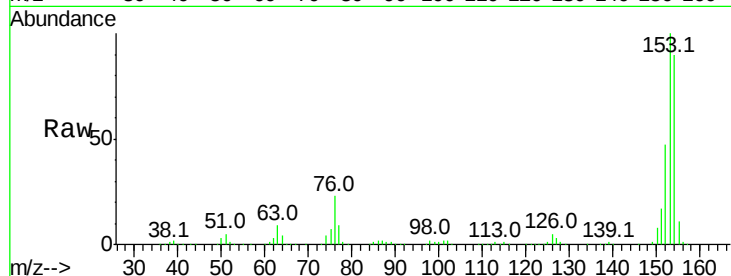
#51
Acenaphthene
Concen: 35.30 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

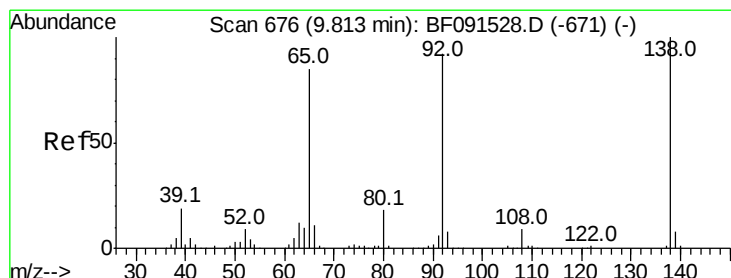
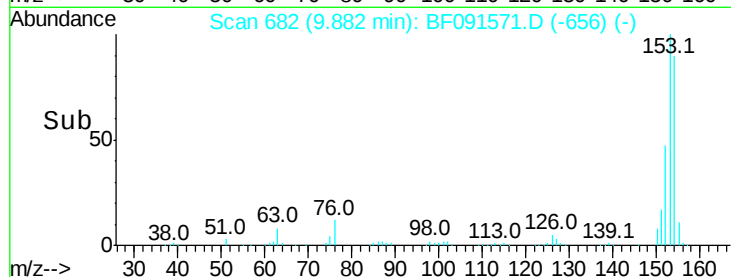
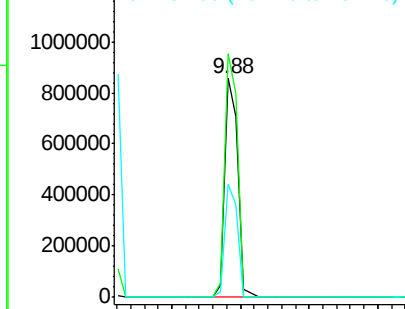
Tot Ion:154 Resp: 1149893
Ion Ratio Lower Upper
154 100
153 111.1 91.0 136.6
152 51.9 44.2 66.2

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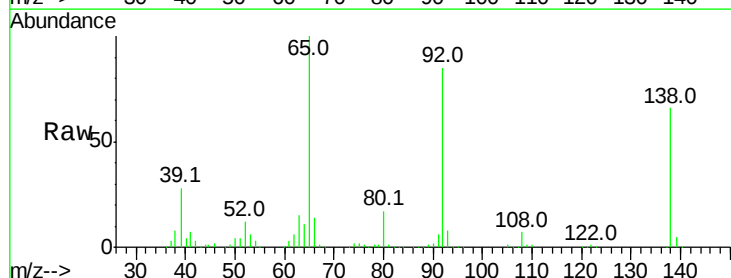


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

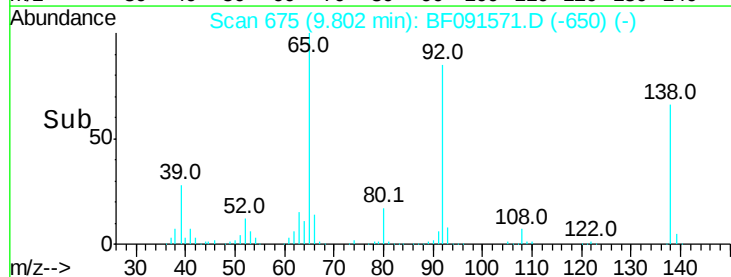
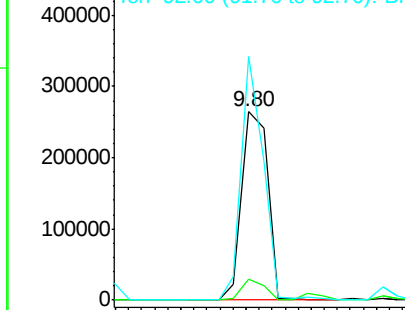


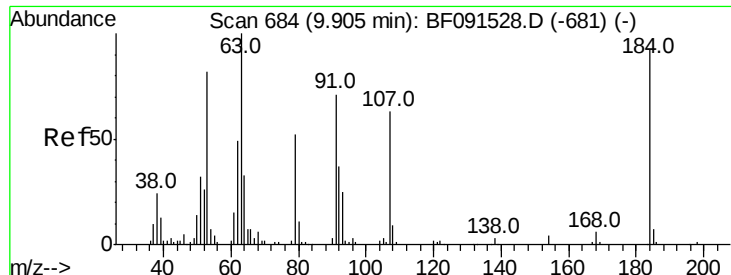
#52
3-Nitroaniline
Concen: 41.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion:138 Resp: 367135
Ion Ratio Lower Upper
138 100
108 11.2 8.1 12.1
92 129.4 92.5 138.7



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





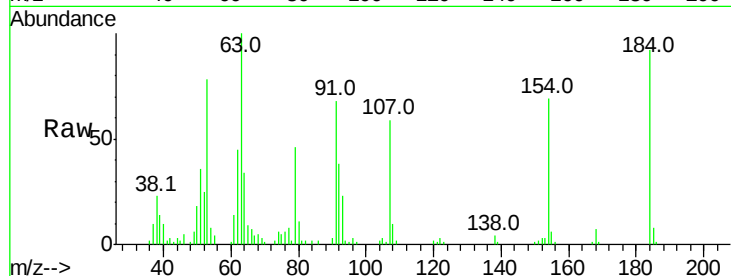
#53
2,4-Dinitrophenol
Concen: 20.84 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

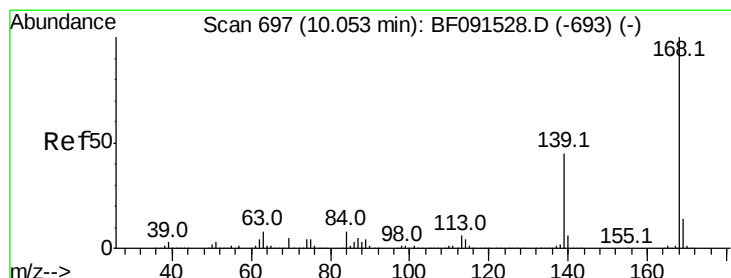
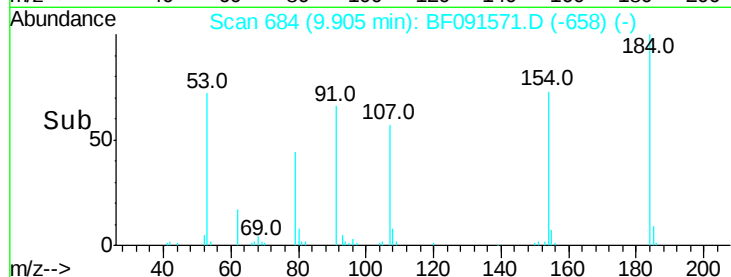
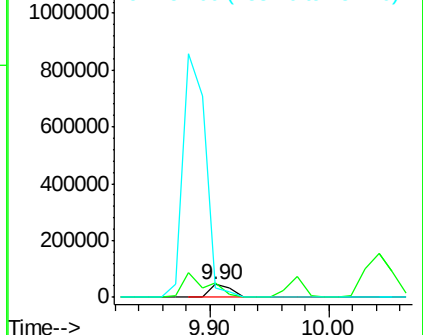
Tot Ion	Ratio	Lower	Upper
184	100		
63	109.2	58.3	87.5#
154	74.9	48.6	73.0#

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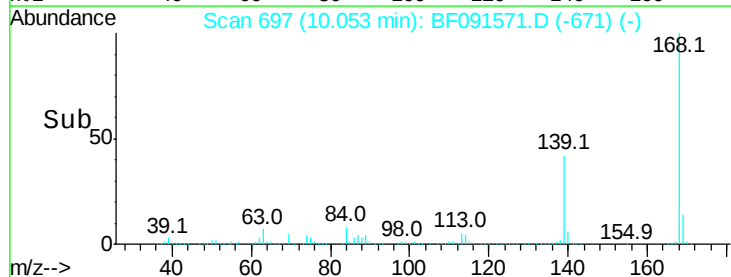
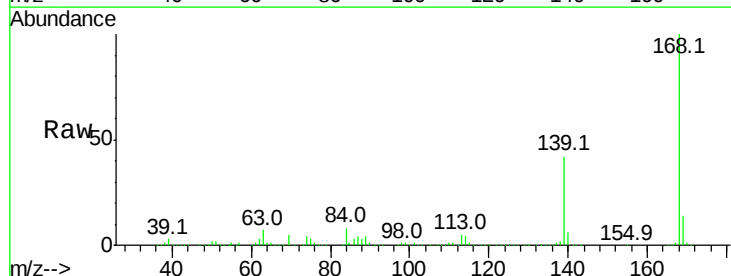
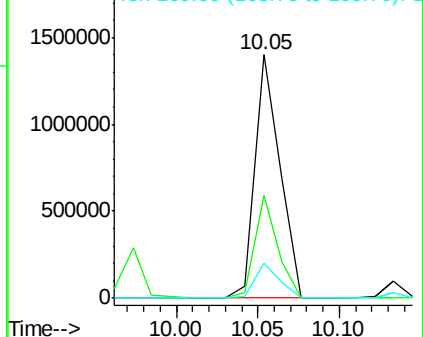
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

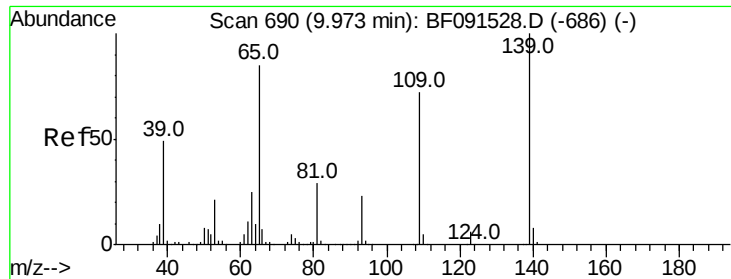


#54
Dibenzofuran
Concen: 36.92 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.1	33.4	50.2
169	14.2	11.1	16.7

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





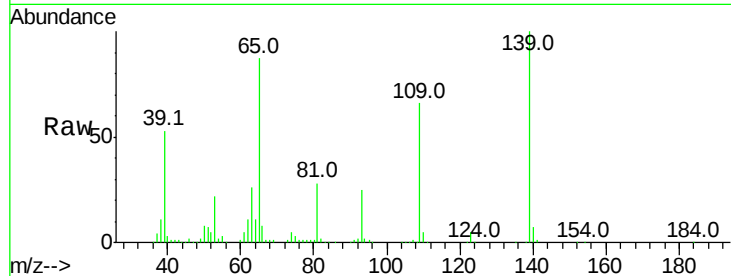
#55
4-Nitrophenol
Concen: 39.09 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

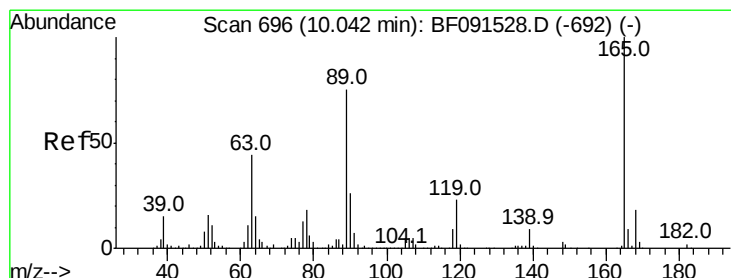
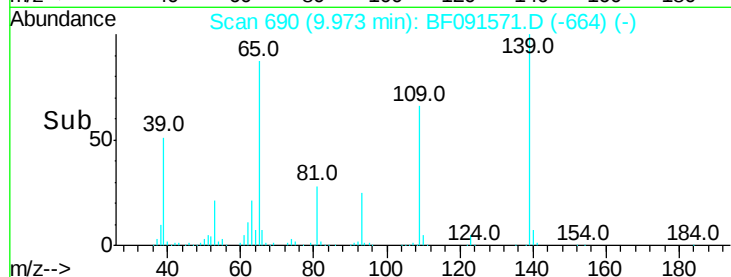
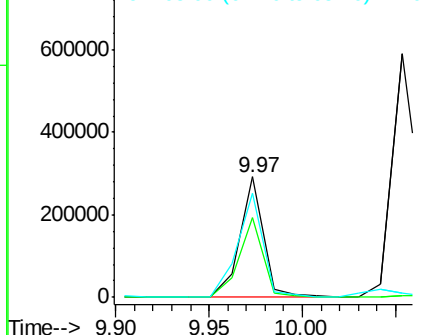
Tot Ion	Ratio	Lower	Upper
139	100		
109	66.3	54.9	94.9
65	86.9	102.2	142.2#

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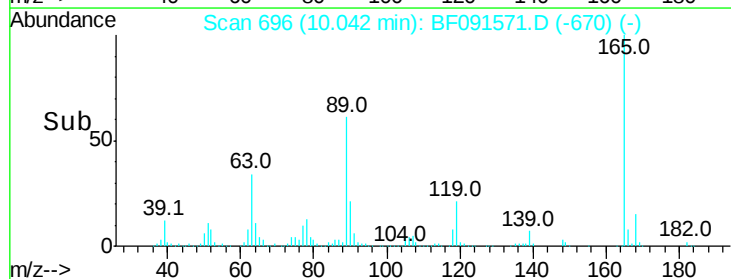
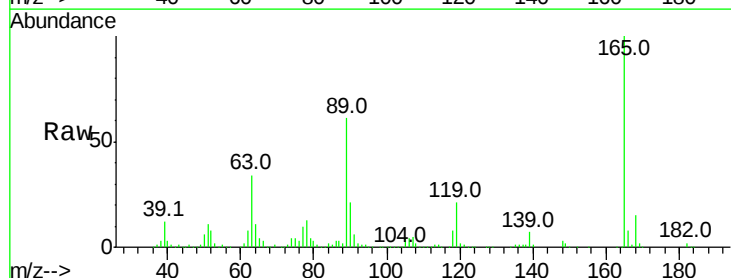
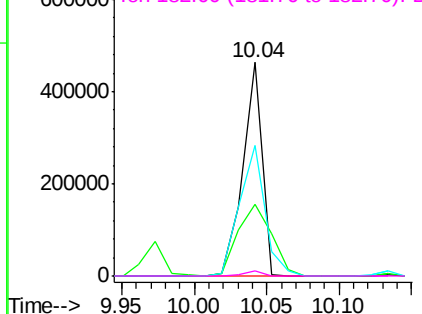
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

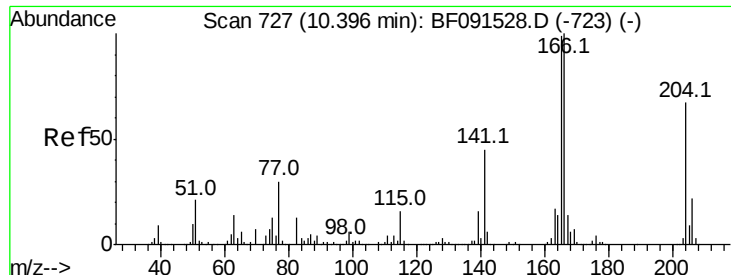


#56
2,4-Dinitrotoluene
Concen: 44.68 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.6	29.0	43.4
89	61.2	43.1	64.7
182	2.2	1.9	2.9

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
Ion 182.00 (181.70 to 182.70): E





#57
Fluorene
 Concen: 35.94 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

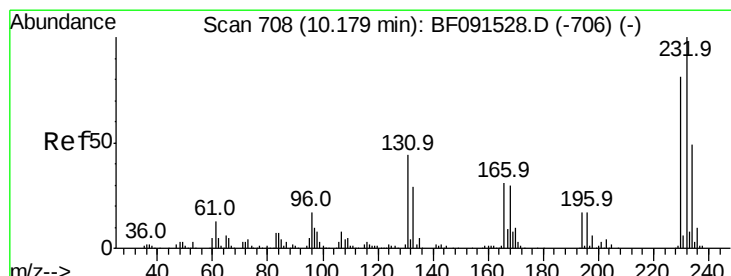
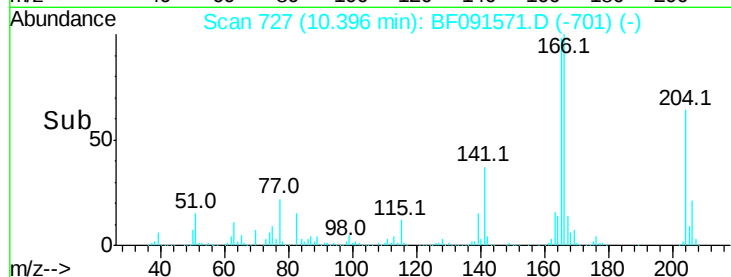
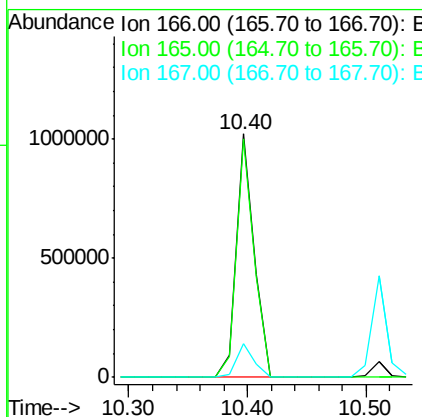
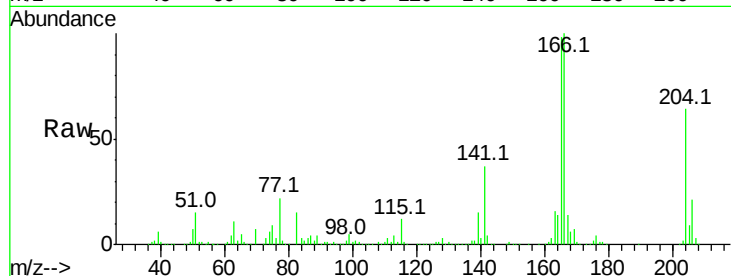
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:166 Resp: 1063869

Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.0	120.0
167	14.0	10.8	16.2

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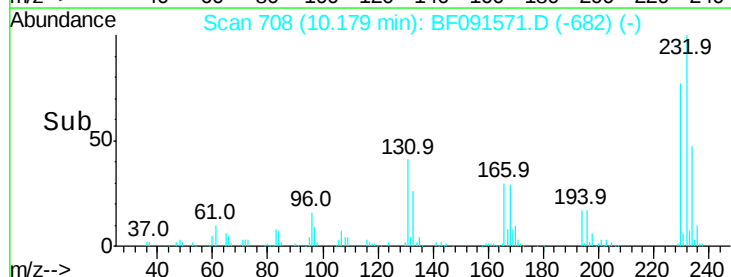
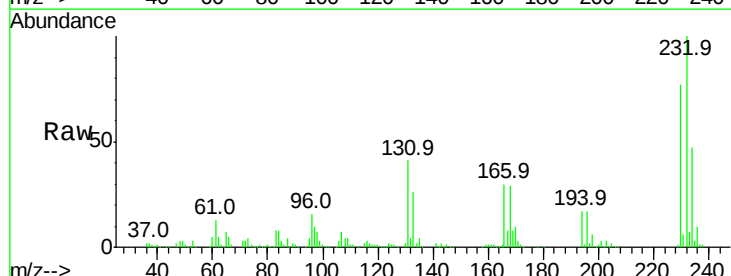
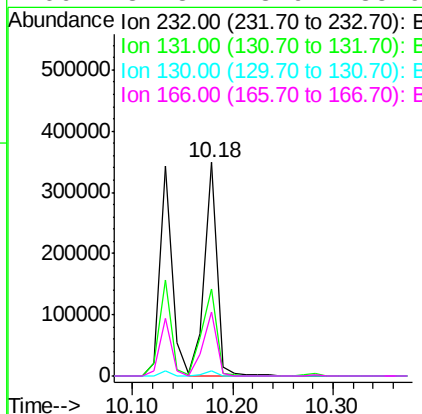
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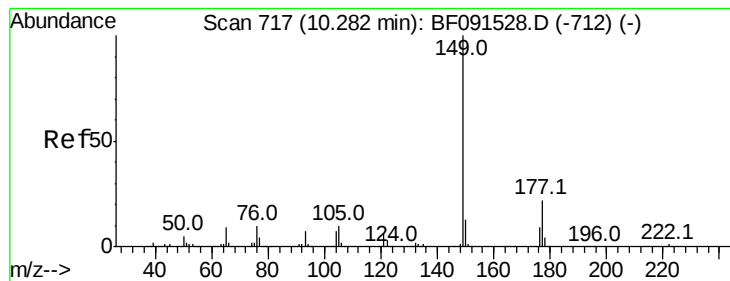


#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:232 Resp: 303331

Ion	Ratio	Lower	Upper
232	100		
131	48.3	38.4	57.6
130	2.4	1.8	2.8
166	32.8	23.9	35.9





#59

Diethylphthalate

Concen: 40.65 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1359405

Ion Ratio Lower Upper

149 100

177 24.0 15.7 23.5#

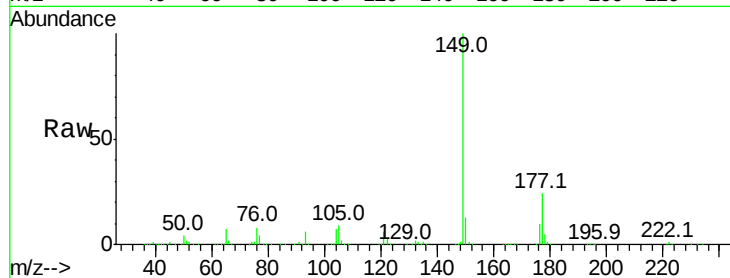
150 12.8 10.2 15.2

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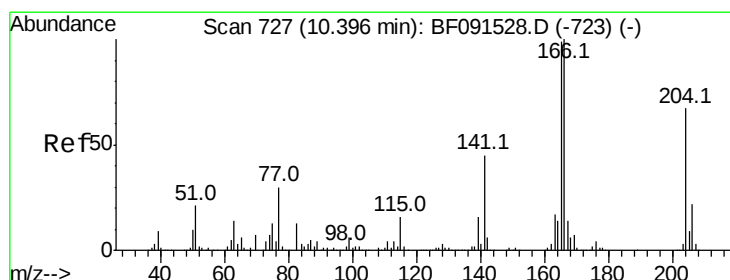
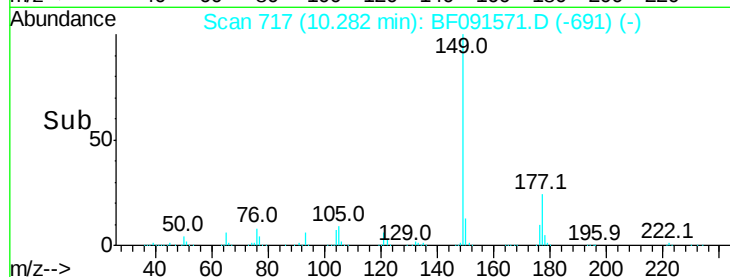
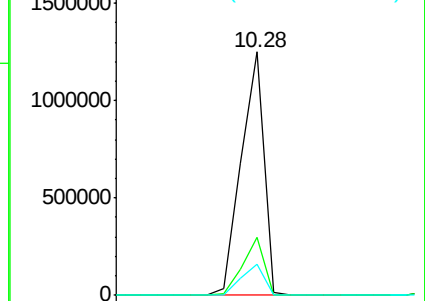
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.35 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

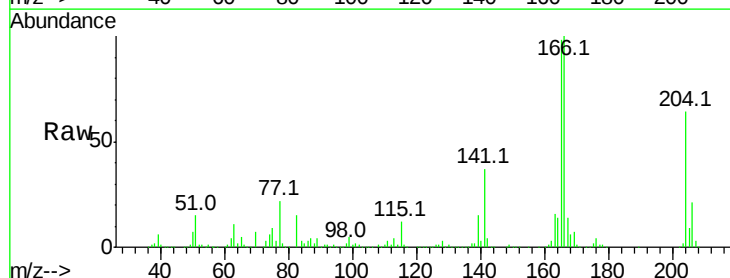
Tgt Ion:204 Resp: 570196

Ion Ratio Lower Upper

204 100

206 33.0 26.1 39.1

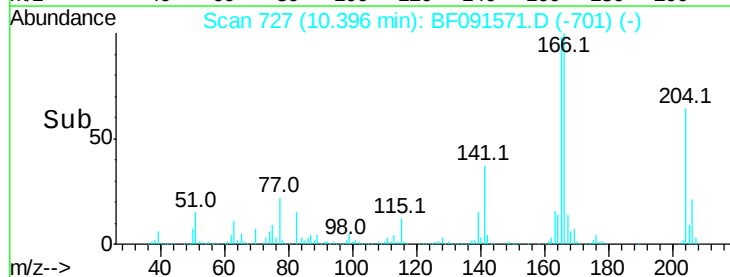
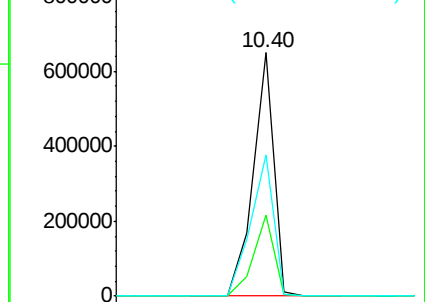
141 57.9 40.6 61.0

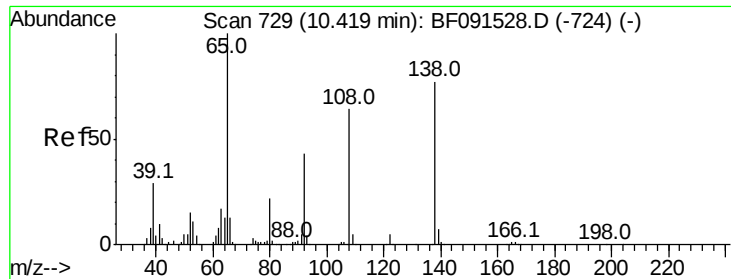


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.12 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

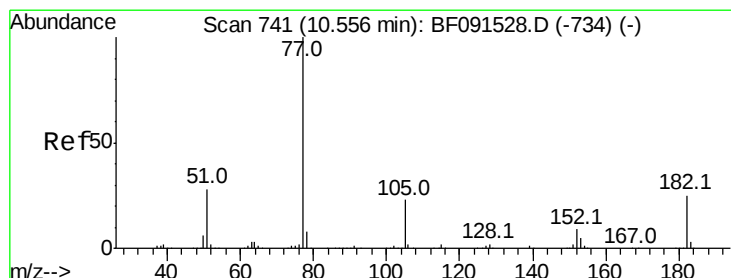
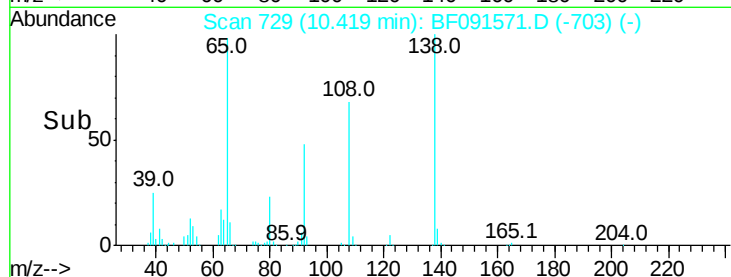
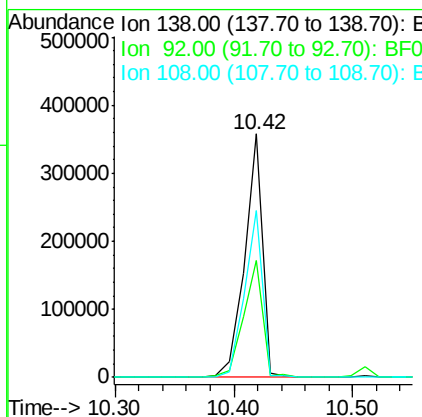
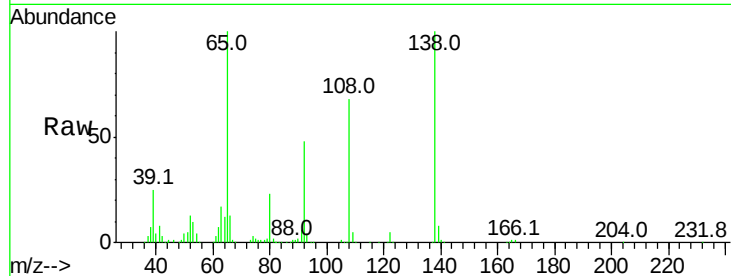
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	374801
Ion Ratio	Lower	Upper	
138	100		
92	48.0	26.9	66.9
108	68.3	49.1	89.1

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#62

Azobenzene

Concen: 38.26 ng

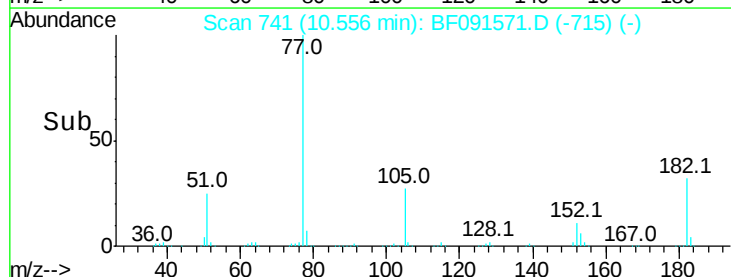
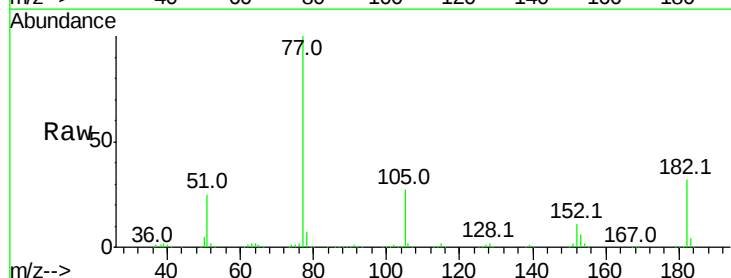
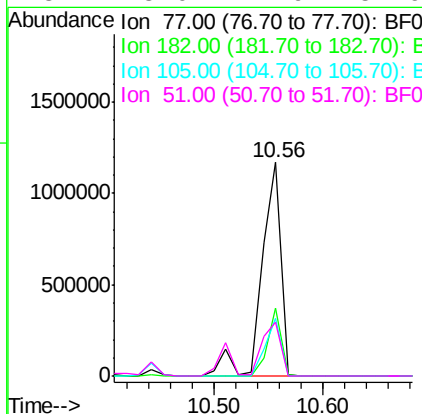
RT: 10.56 min Scan# 741

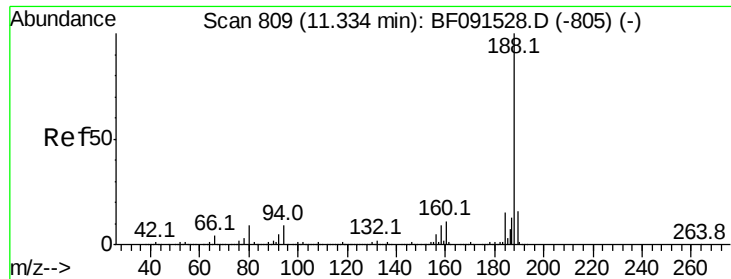
Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Tgt Ion:	77	Resp:	1449957
Ion Ratio	Lower	Upper	
77	100		
182	31.6	12.5	52.5
105	26.9	3.7	43.7
51	25.0	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 832353

Ion Ratio Lower Upper

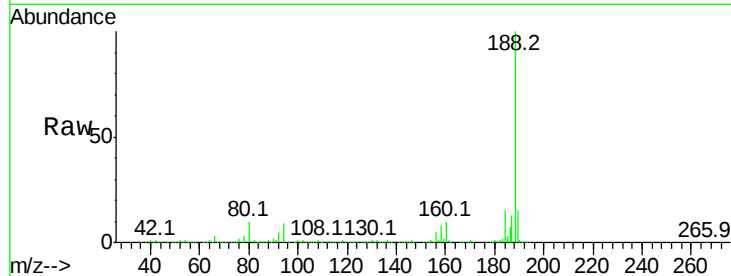
188 100

94 9.2 9.2 13.8#

80 9.8 10.5 15.7#

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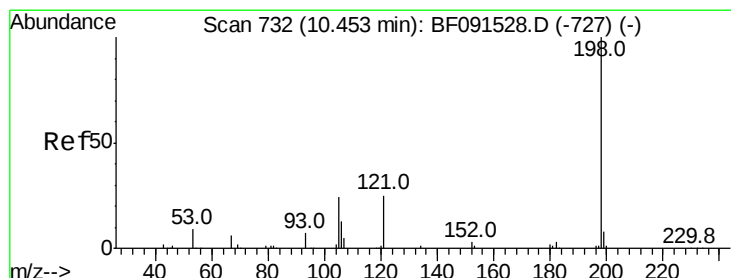
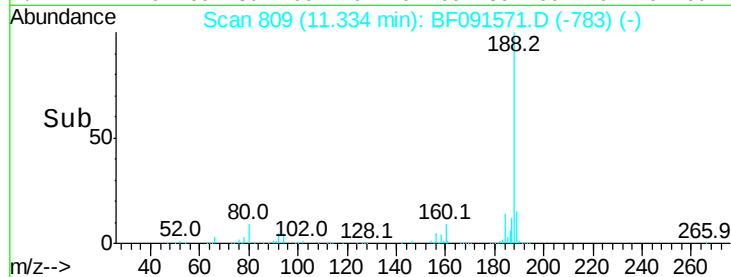
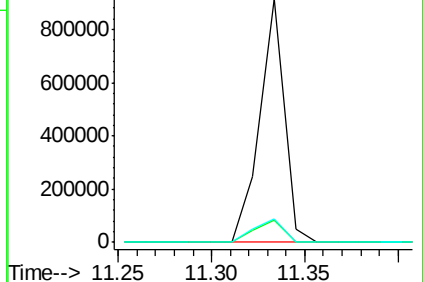
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 23.40 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

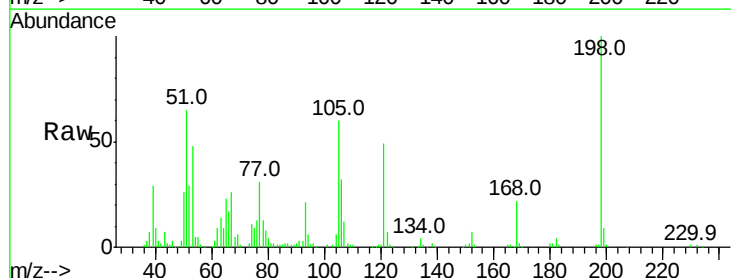
Tgt Ion:198 Resp: 110145

Ion Ratio Lower Upper

198 100

51 64.9 77.1 117.1#

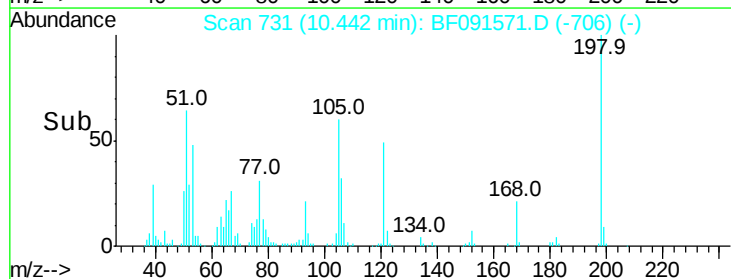
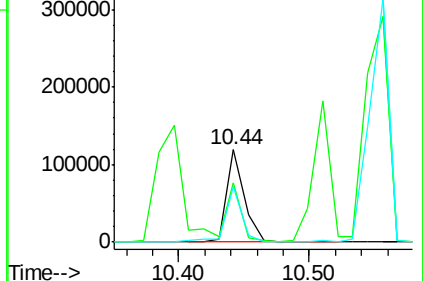
105 60.1 44.8 84.8

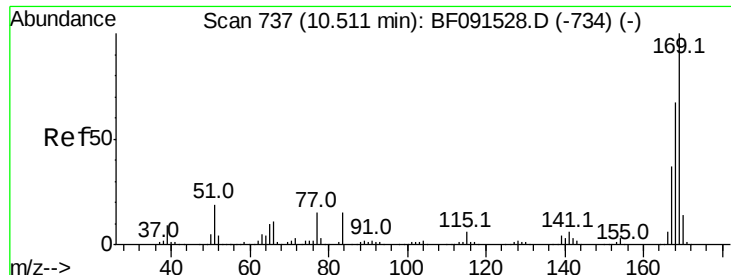


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





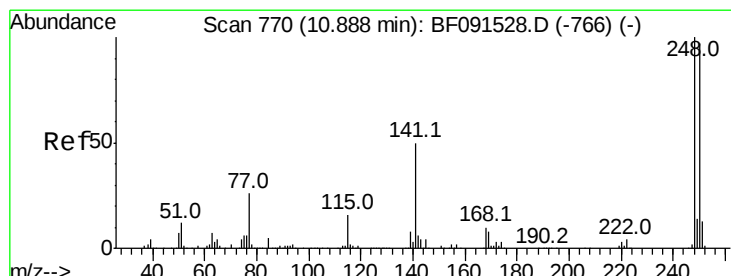
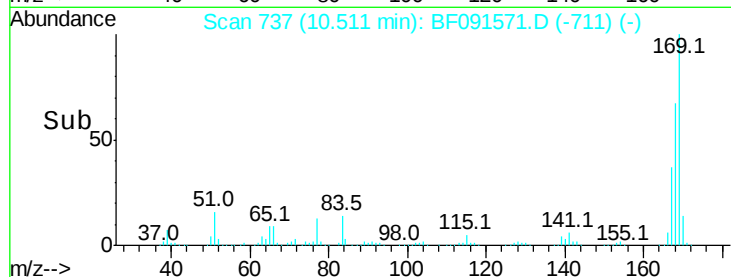
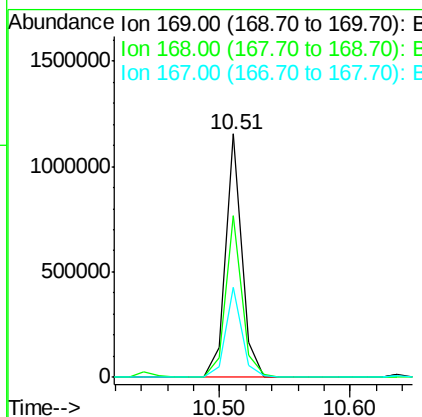
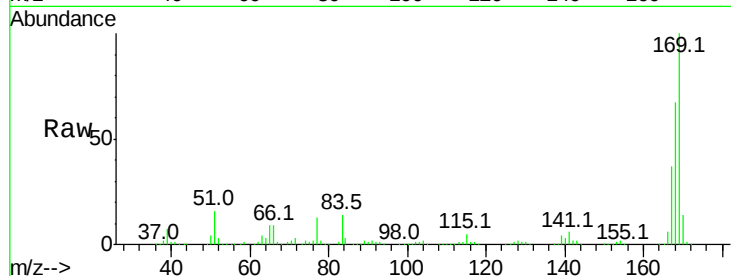
#65
n-Nitrosodiphenylamine
Concen: 40.58 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.8	80.8
167	37.0	29.8	44.8

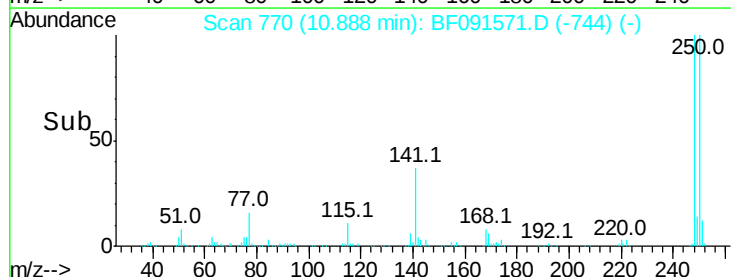
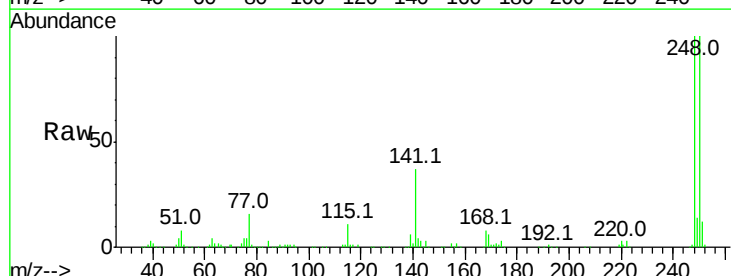
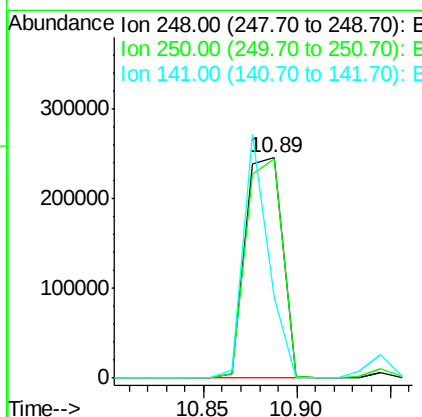
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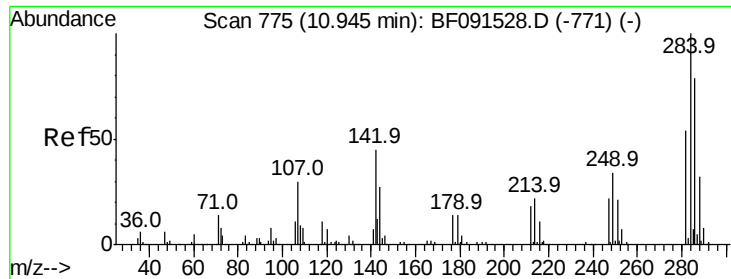
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#66
4-Bromophenyl-phenylether
Concen: 39.52 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.2	117.4
141	36.5	71.9	107.9





#67

Hexachlorobenzene

Concen: 37.87 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

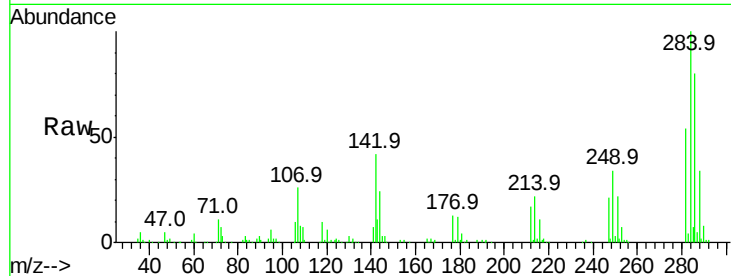
SSTDCCC040

Tot Ion:284 Resp: 336057
Ion Ratio Lower Upper

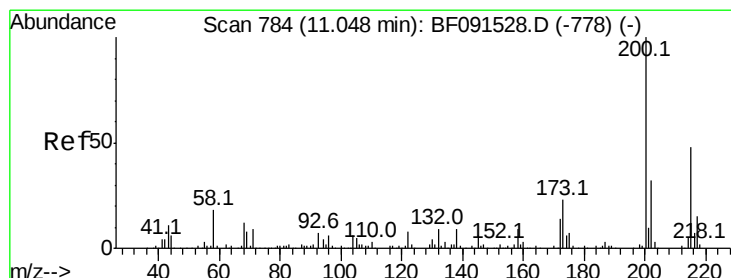
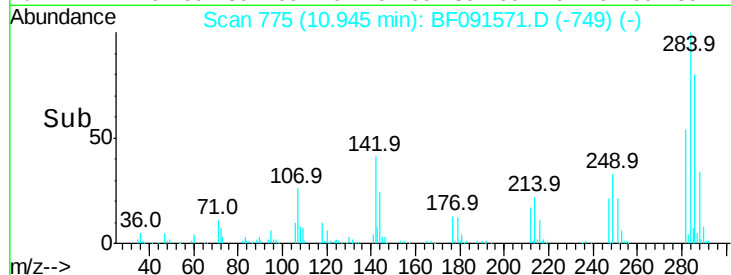
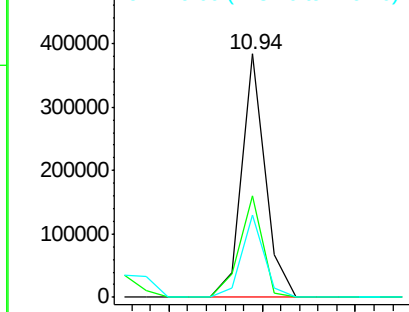
284	100		
142	41.6	17.9	26.9#
249	33.7	23.6	35.4

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



#68

Atrazine

Concen: 34.96 ng

RT: 11.04 min Scan# 783

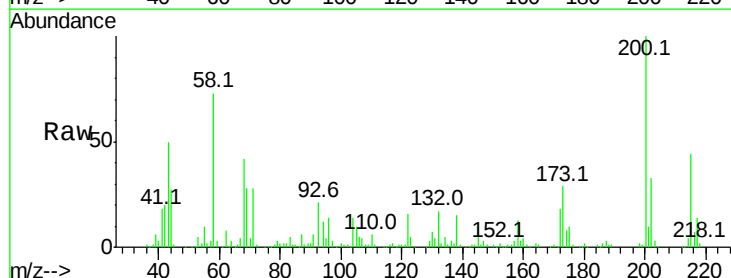
Delta R.T. -0.01 min

Lab File: BF091571.D

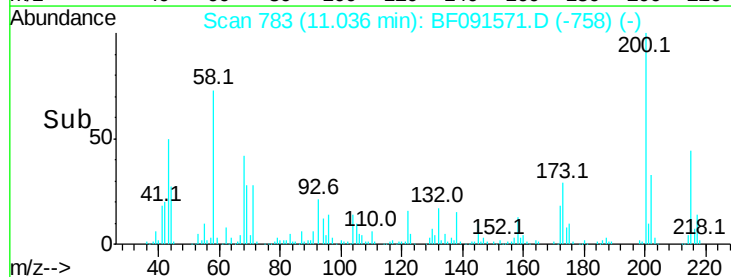
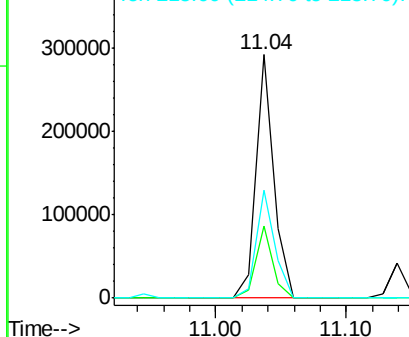
Acq: 14 Dec 2016 1:00

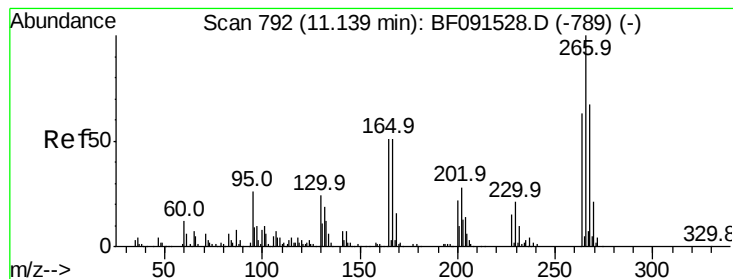
Tgt Ion:200 Resp: 278951
Ion Ratio Lower Upper

200	100		
173	29.4	7.8	47.8
215	44.2	24.3	64.3



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





#69

Pentachlorophenol

Concen: 37.03 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

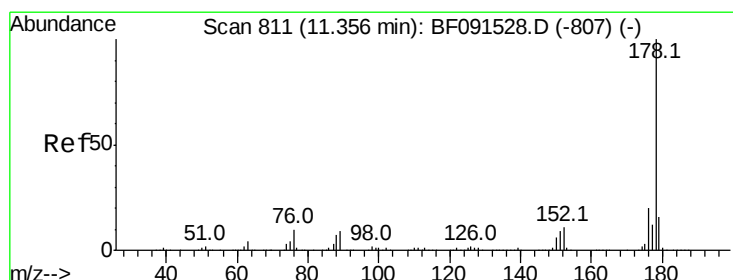
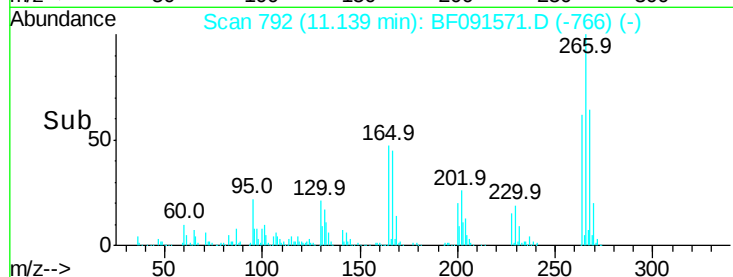
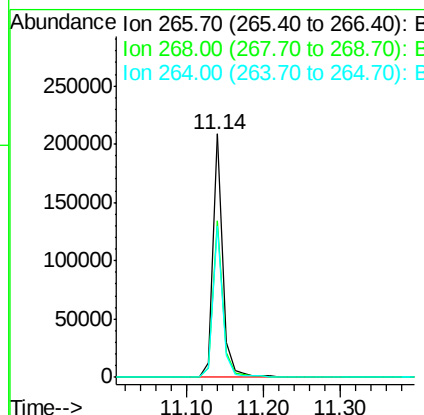
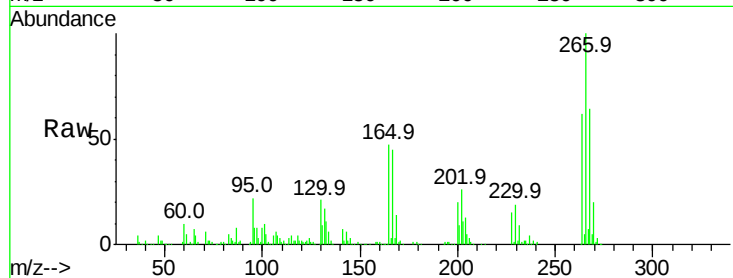
ClientSampleId :

SSTDCCC040

Tot Ion:	266	Resp:	184943
Ion Ratio		Lower	Upper
266	100		
268	64.4	50.3	75.5
264	62.3	48.2	72.2

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#70

Phenanthrene

Concen: 39.40 ng

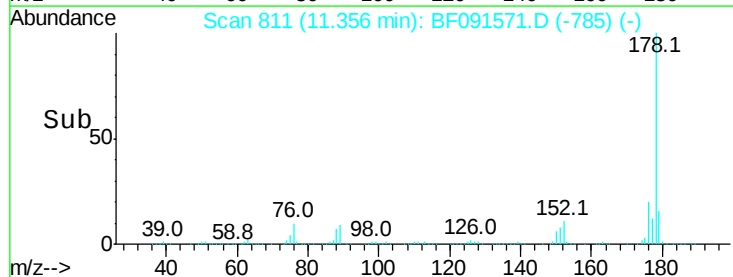
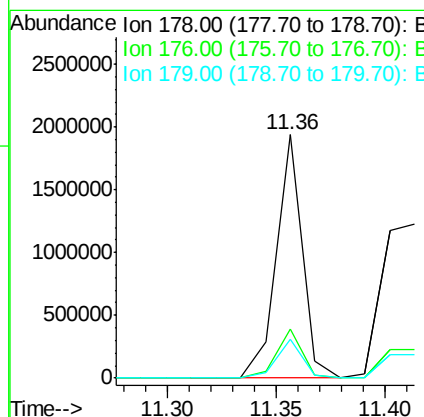
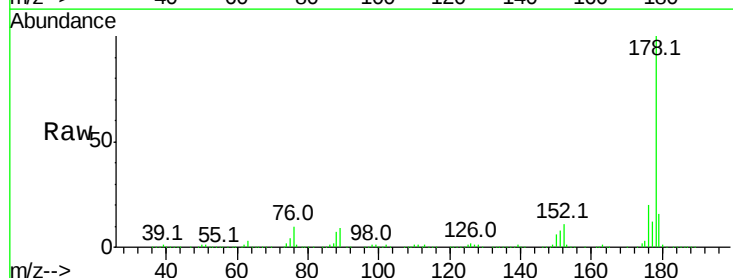
RT: 11.36 min Scan# 811

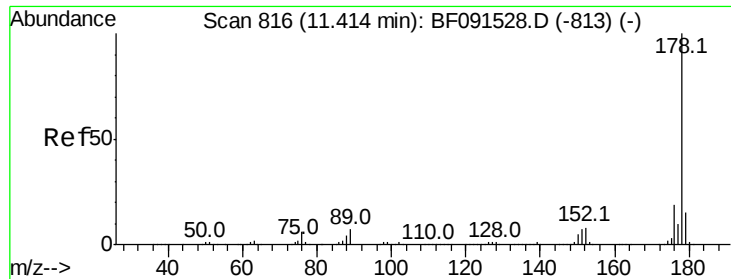
Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Tgt Ion:	178	Resp:	1623978
Ion Ratio		Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.1	12.6	18.8





#71
 Anthracene
 Concen: 37.87 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

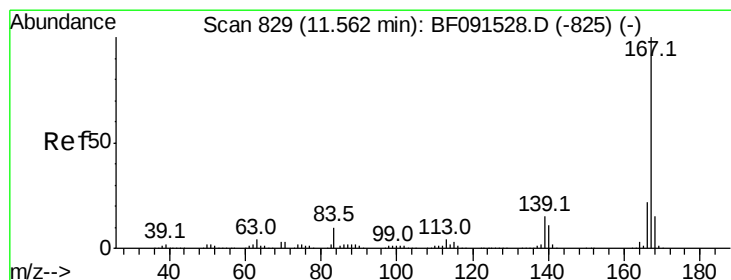
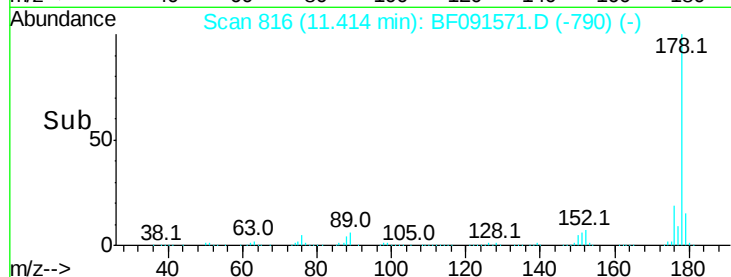
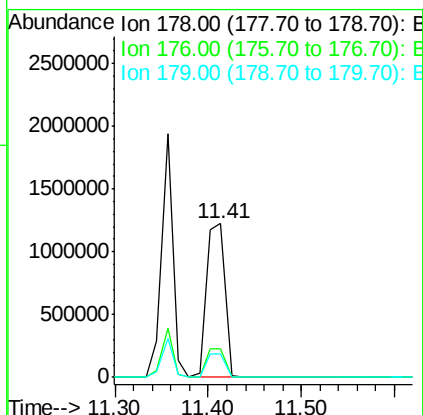
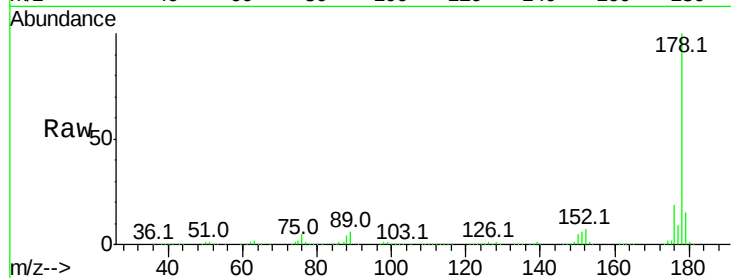
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1683843

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.2	12.7	19.1

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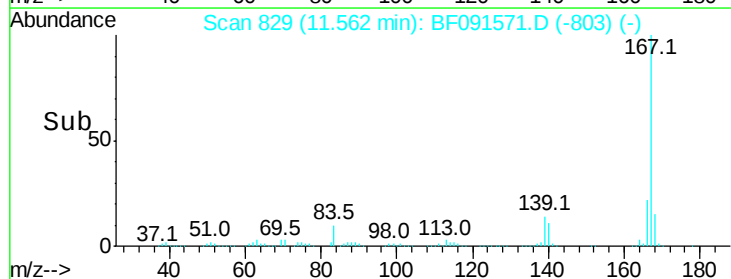
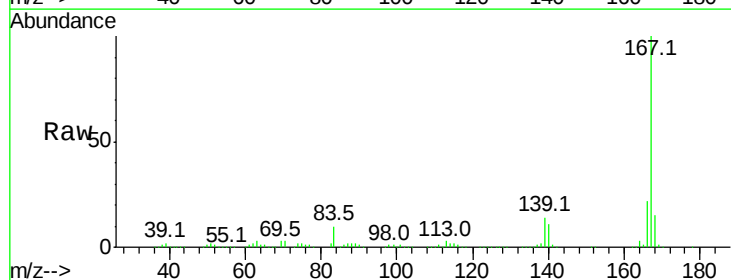
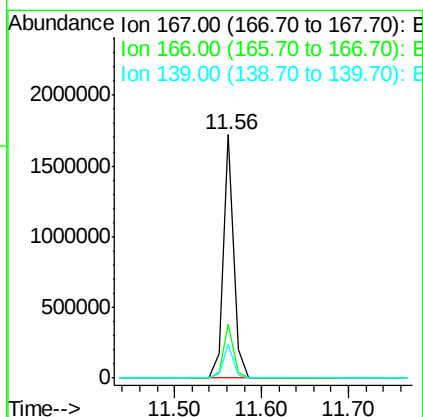
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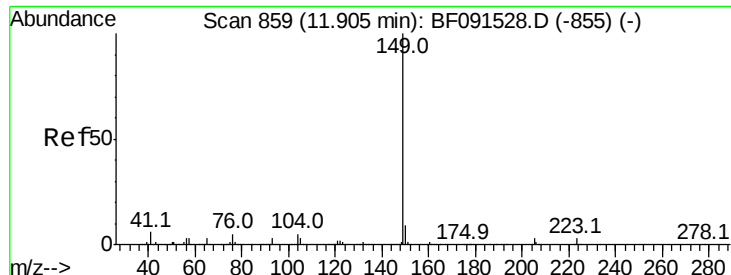


#72
 Carbazole
 Concen: 37.34 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion:167 Resp: 1455134

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	14.0	11.5	17.3





#73

Di-n-butylphthalate

Concen: 42.25 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1918178

Ion Ratio Lower Upper

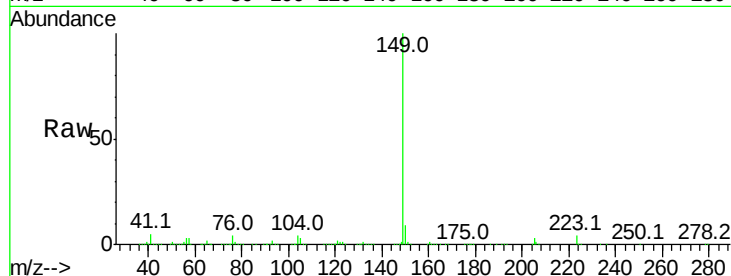
149 100

150 9.2 7.5 11.3

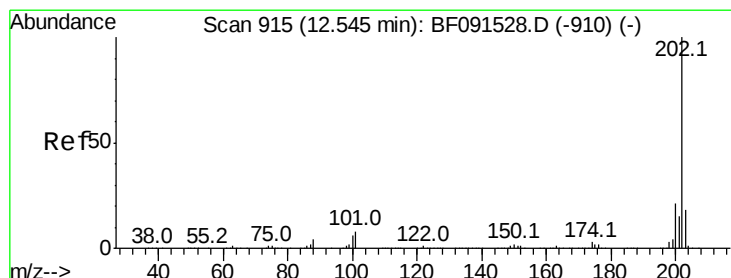
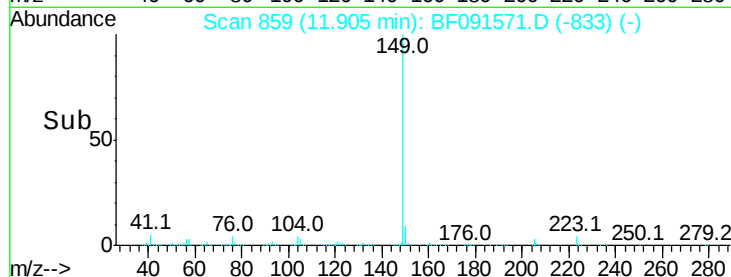
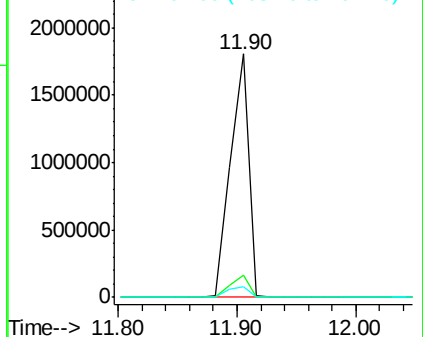
104 4.3 4.0 6.0

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.05 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

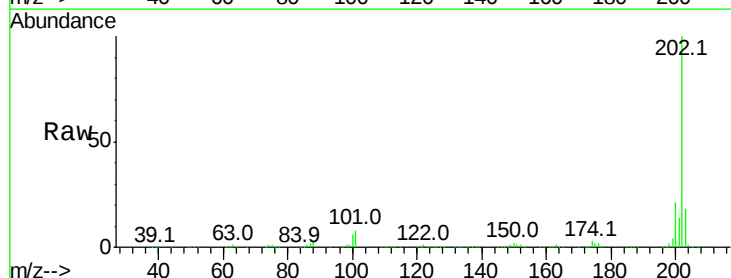
Tgt Ion:202 Resp: 1598851

Ion Ratio Lower Upper

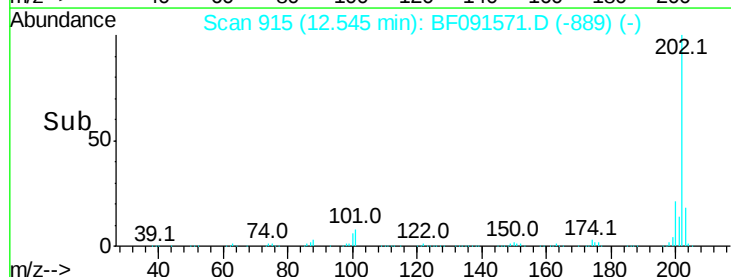
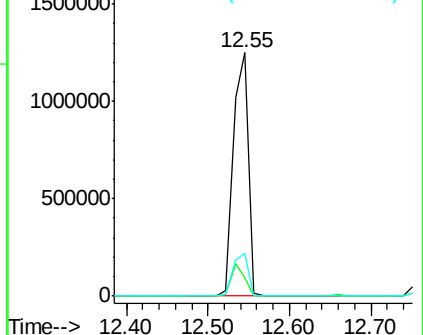
202 100

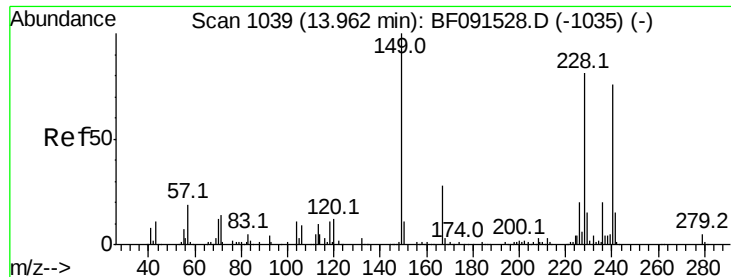
101 7.7 0.0 29.5

203 17.6 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

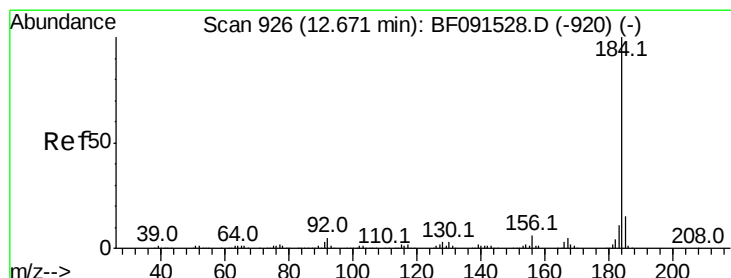
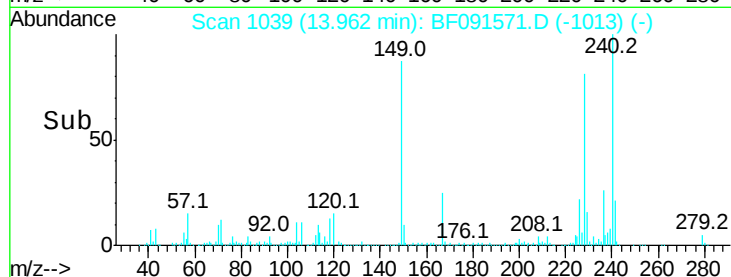
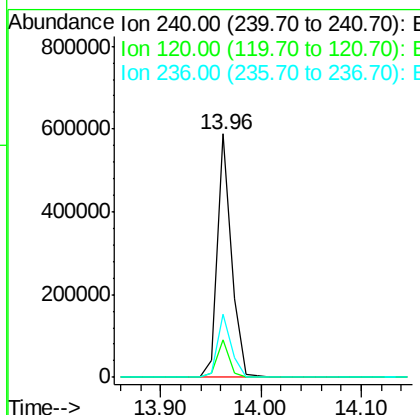
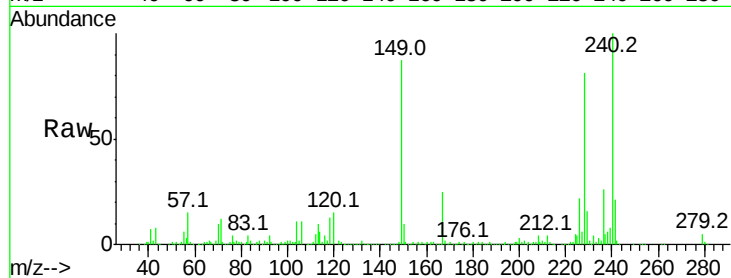
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.4	12.1	18.1
236	25.9	21.0	31.6

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#76

Benzidine

Concen: 39.86 ng

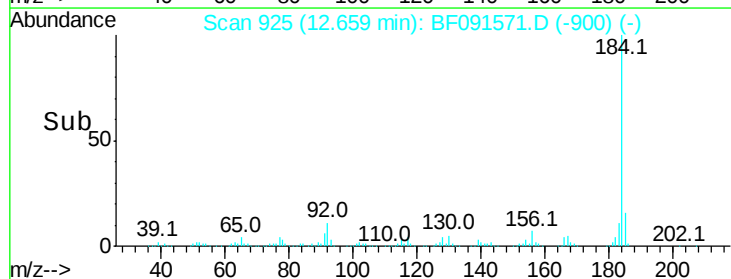
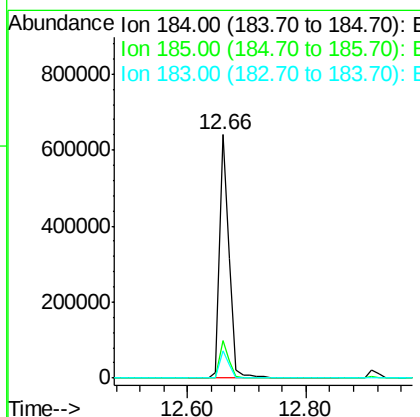
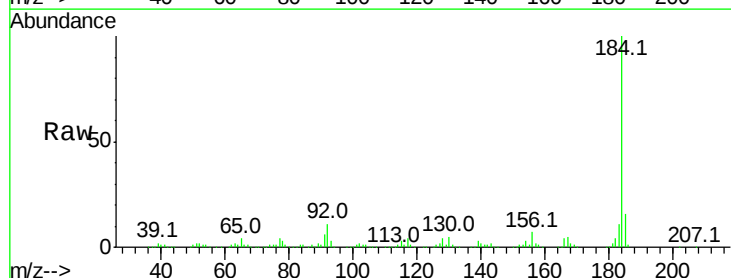
RT: 12.66 min Scan# 925

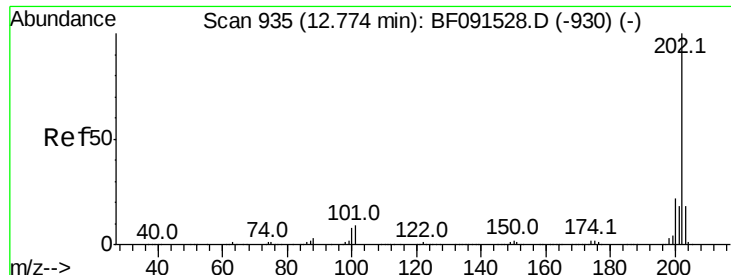
Delta R.T. -0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.1	19.7
183	11.2	8.9	13.3





#77

Pvrene

Concen: 34.52 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1567526

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

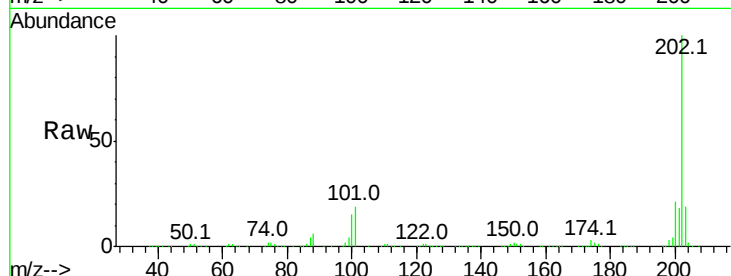
203 18.7 14.0 21.0

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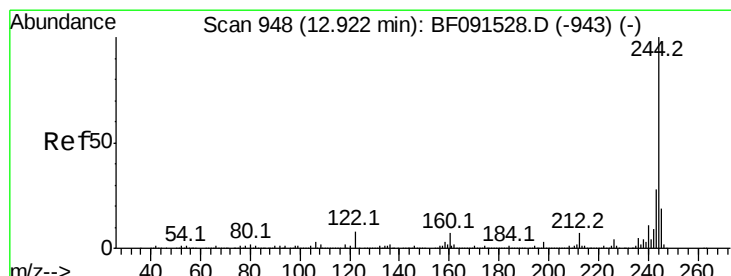
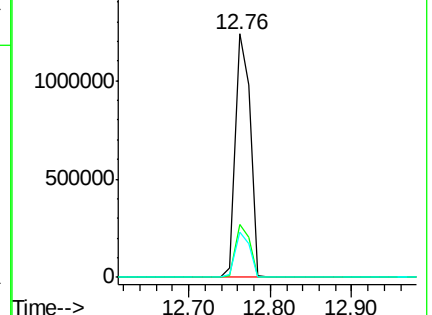
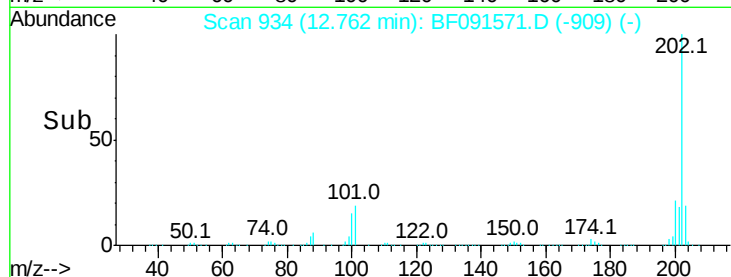
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.00 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

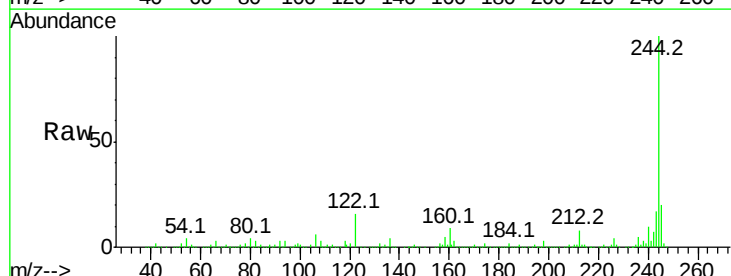
Tgt Ion:244 Resp: 1790820

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

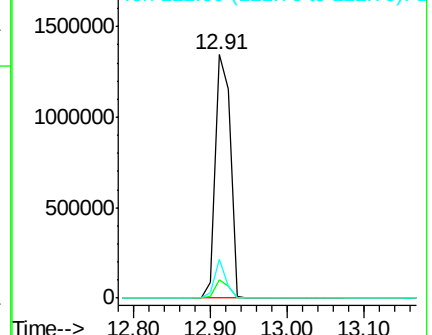
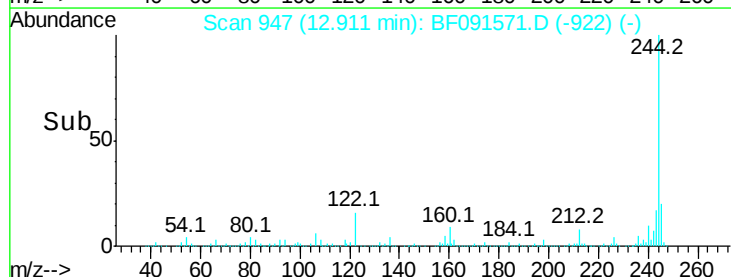
122 15.8 9.5 14.3#

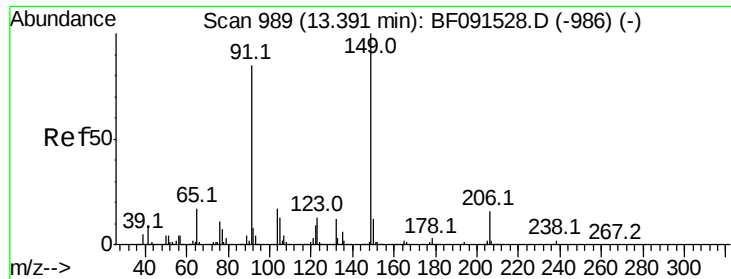


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.77 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

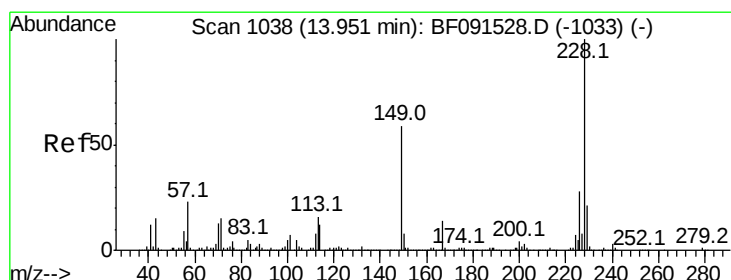
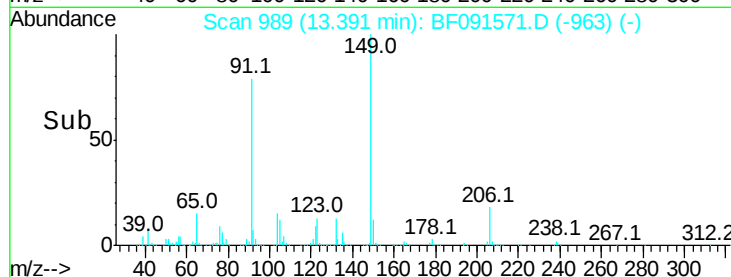
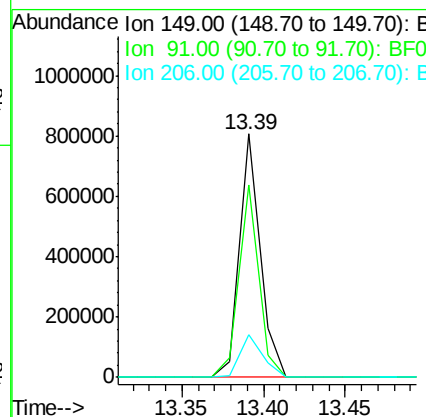
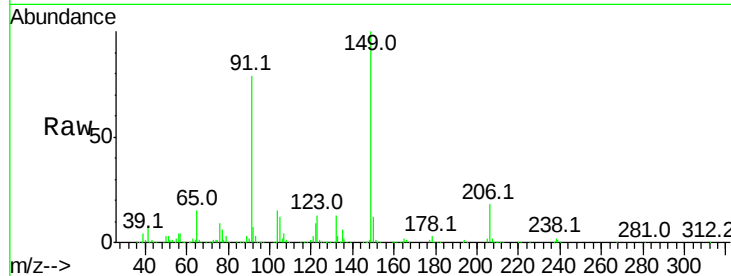
ClientSampled :

SSTDCCC040

Tot Ion:	149	Resp:	703972
Ion Ratio	Lower	Upper	
149	100		
91	79.0	57.4	86.2
206	17.7	15.4	23.2

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#80

Benzo(a)anthracene

Concen: 37.69 ng

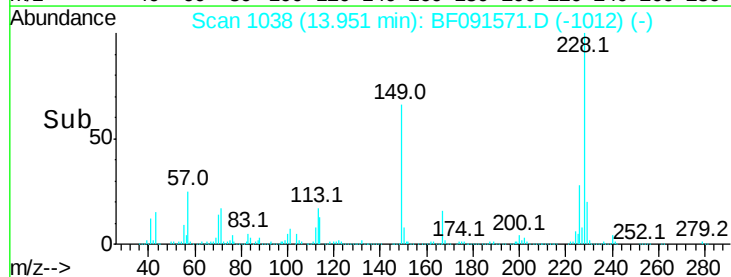
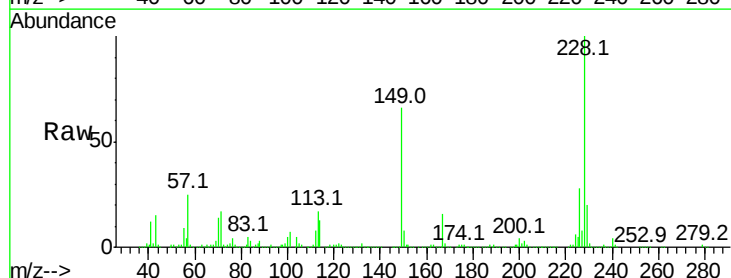
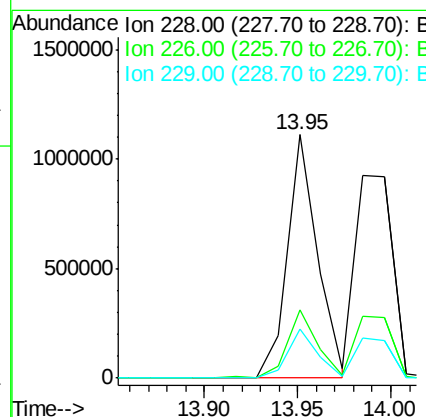
RT: 13.95 min Scan# 1038

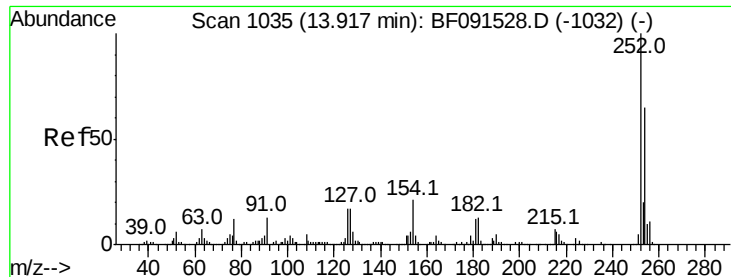
Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Tgt Ion:	228	Resp:	1252803
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.5	33.7
229	20.2	16.4	24.6





#81

3,3'-Dichlorobenzidine

Concen: 40.26 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

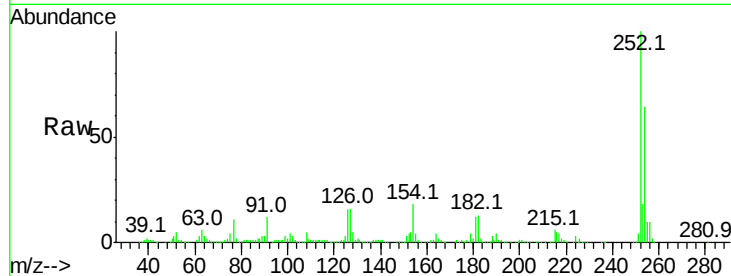
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	480544		
254	64.0	52.1	78.1	
126	15.7	7.5	11.3	

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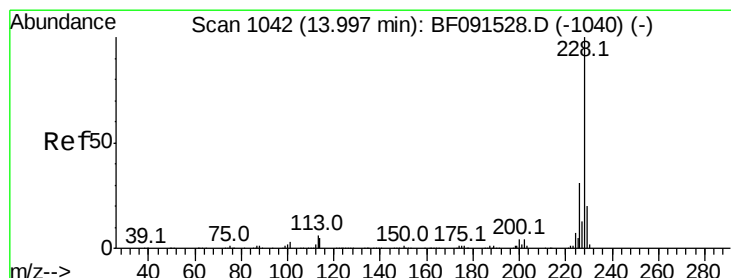
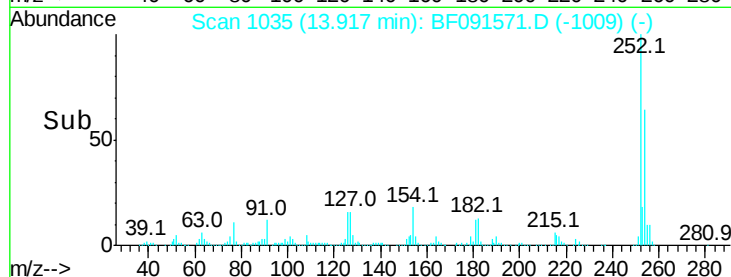
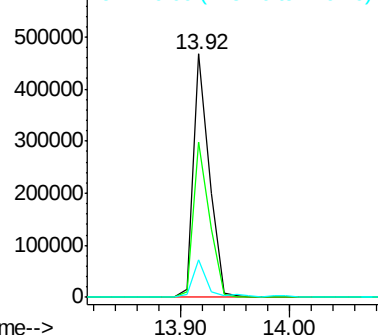


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.31 ng

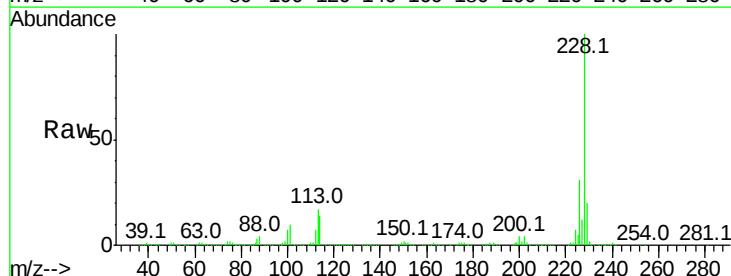
RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1297575		
226	30.8	25.0	37.4	
229	20.0	16.0	24.0	

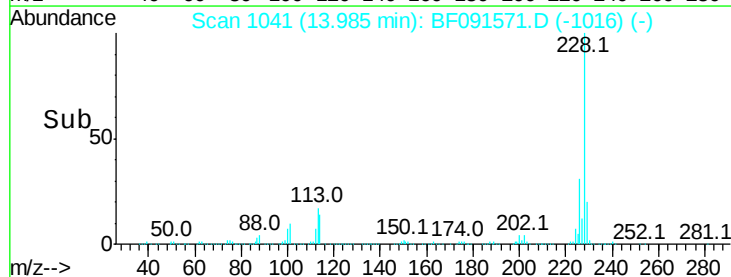
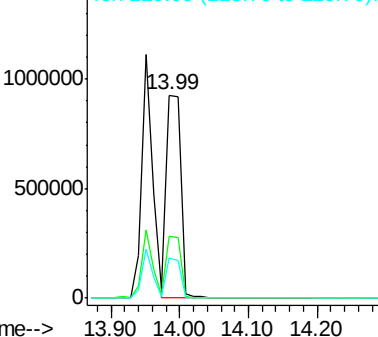


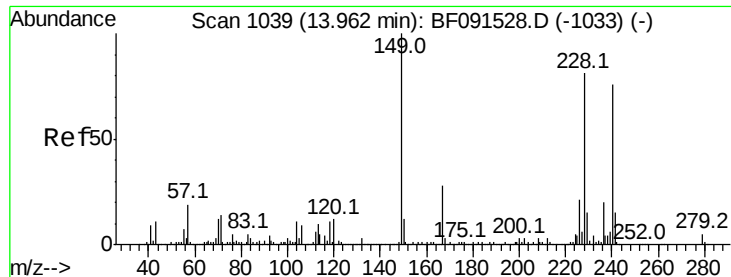
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.17 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

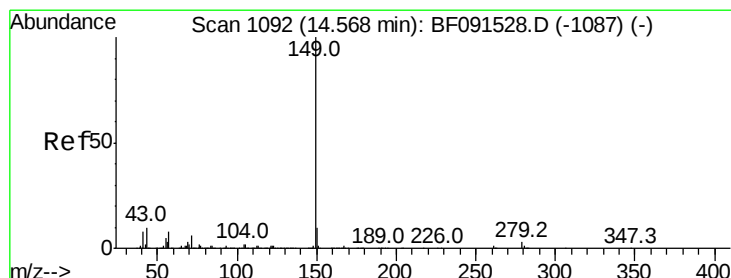
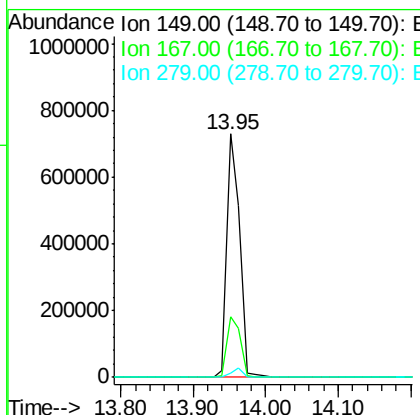
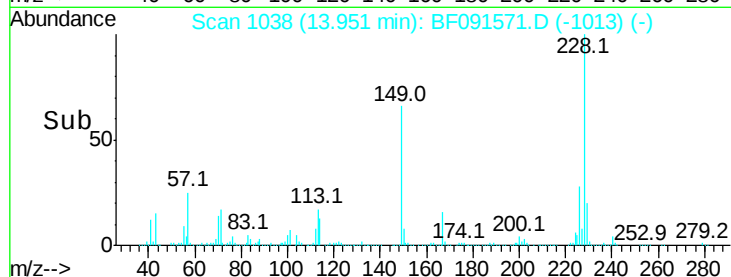
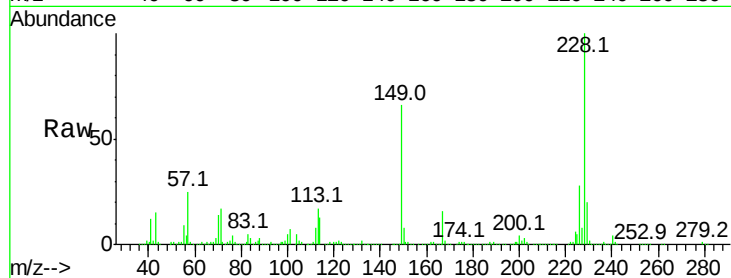
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	889467
Ion Ratio	Lower	Upper	
149	100		
167	25.1	19.6	29.4
279	1.9	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 44.51 ng

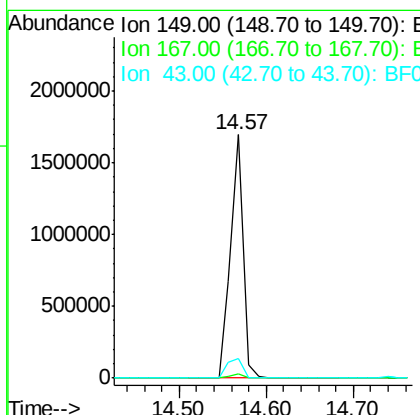
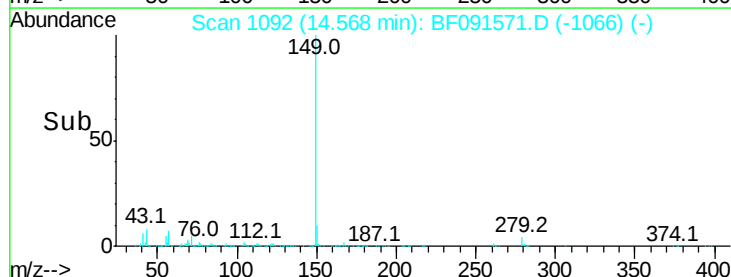
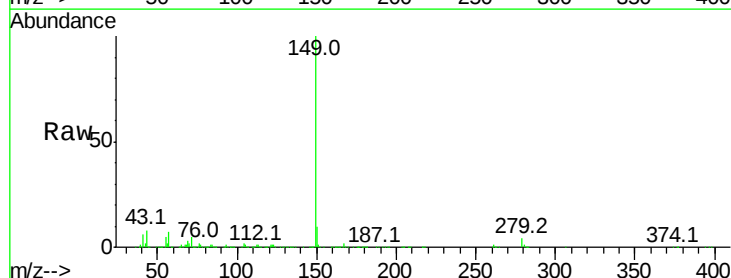
RT: 14.57 min Scan# 1092

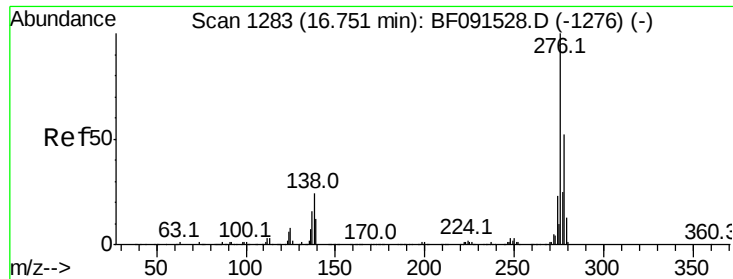
Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Tgt Ion:	149	Resp:	1715806
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.3	11.9	17.9#





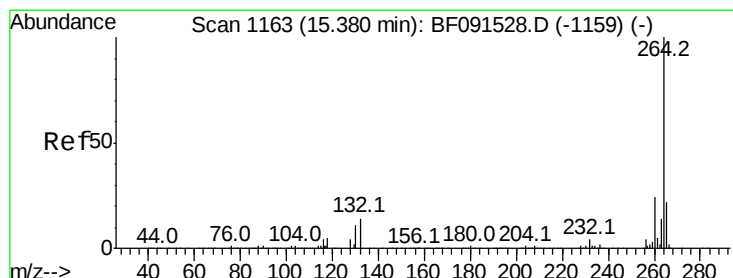
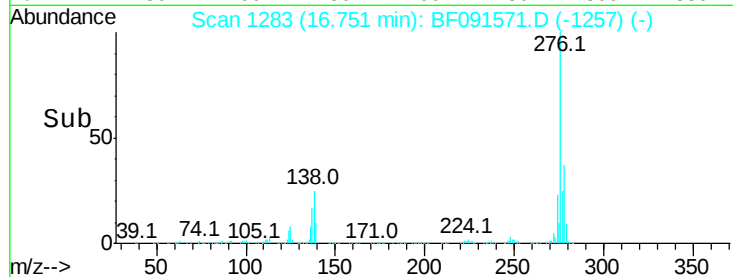
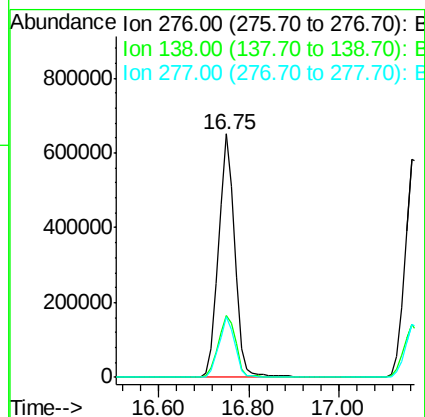
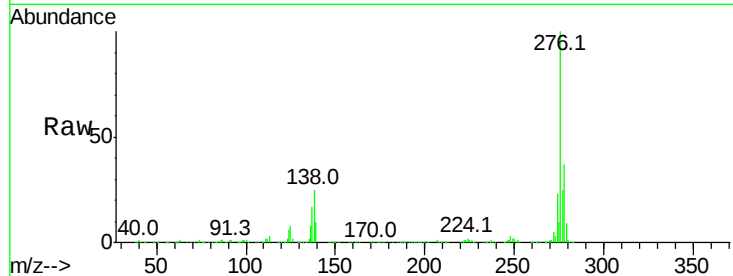
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.48 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.0	31.4
277	25.1	20.2	30.2

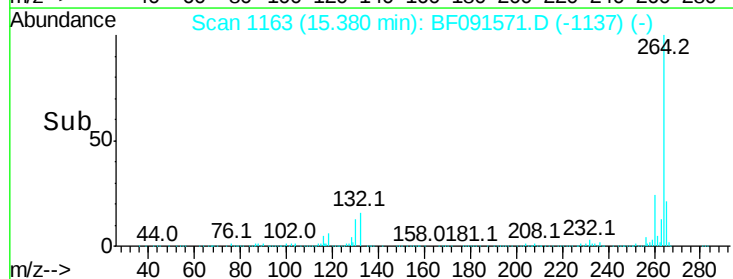
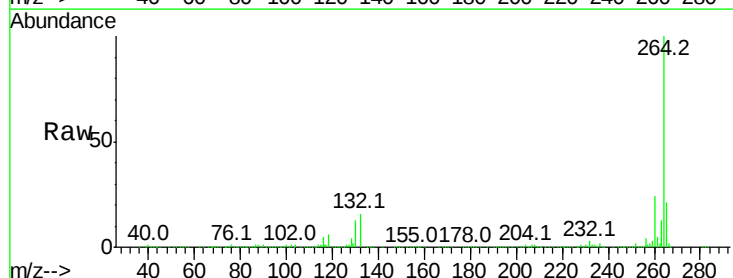
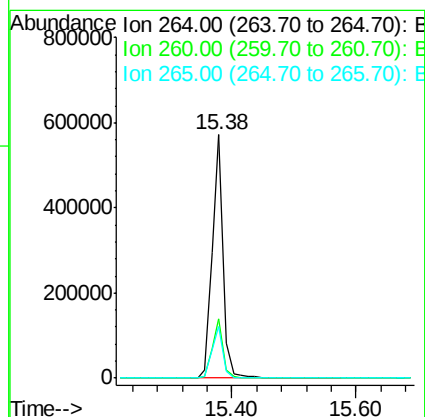
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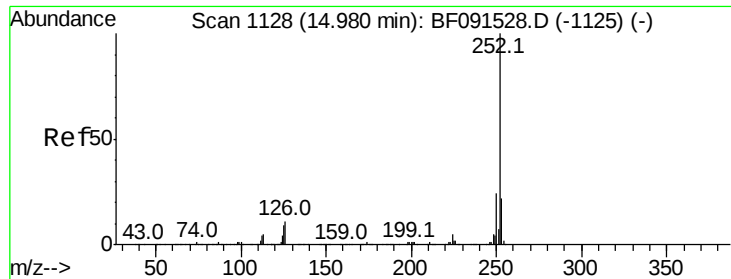
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.3	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 38.21 ng m

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1561041

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

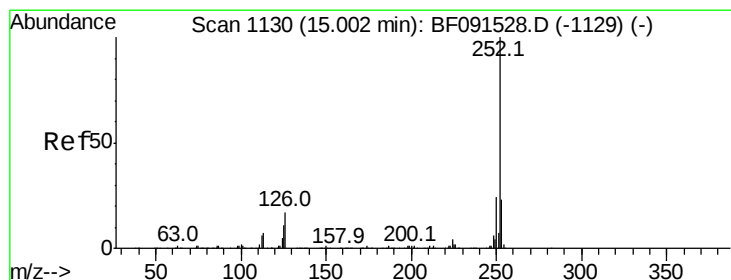
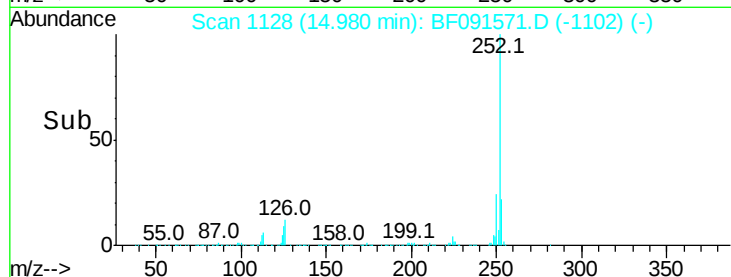
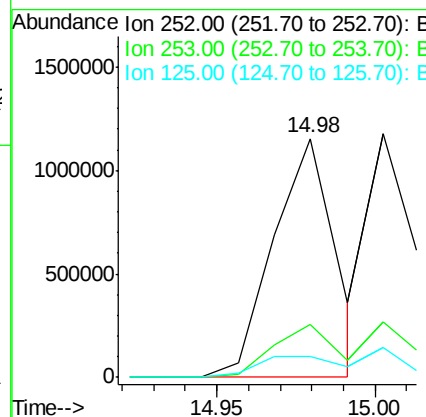
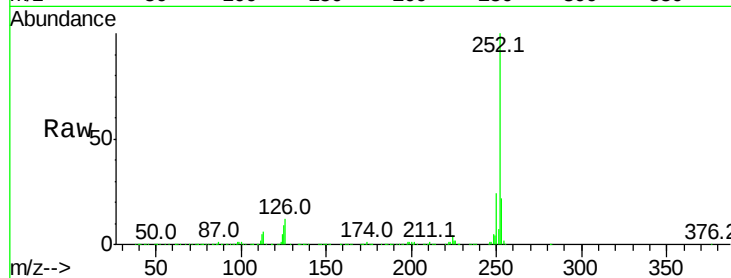
125 8.9 8.6 13.0

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 34.99 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF091571.D

Acq: 14 Dec 2016 1:00

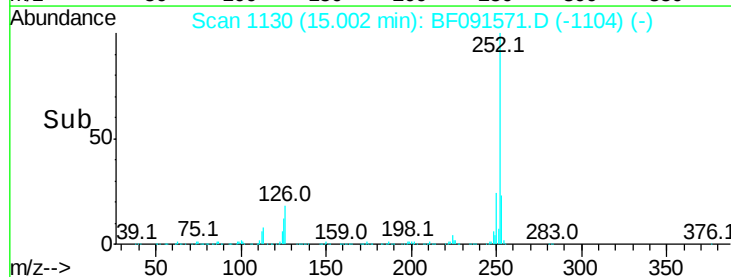
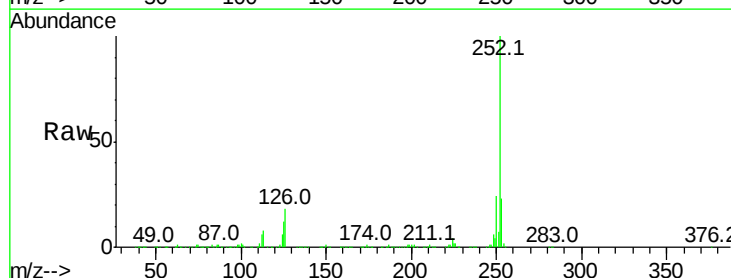
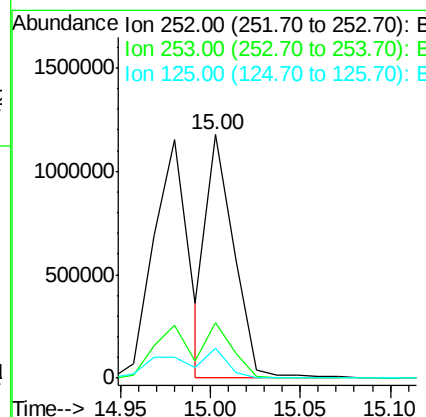
Tgt Ion:252 Resp: 1256717

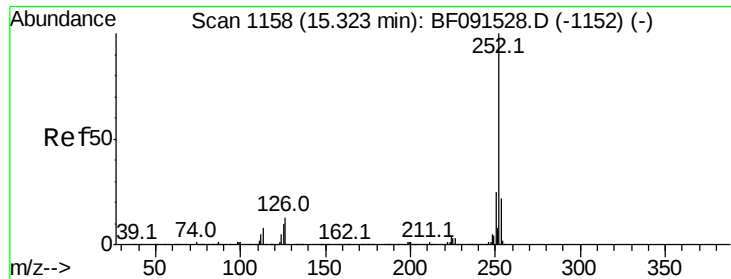
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 12.4 9.6 14.4





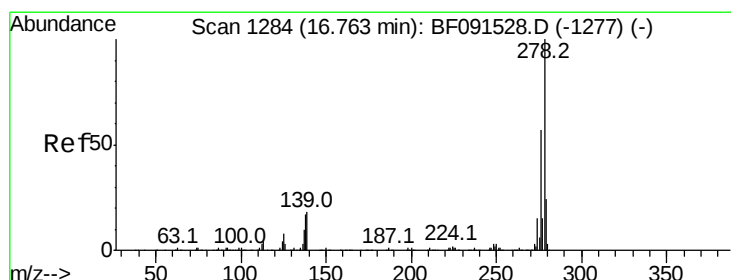
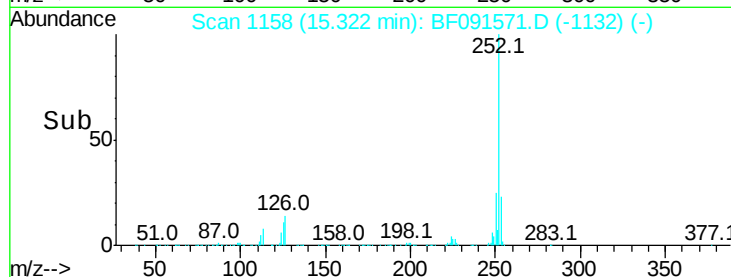
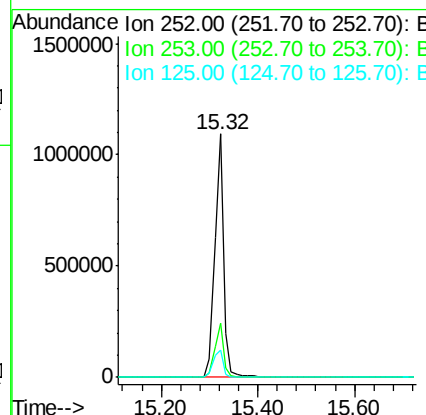
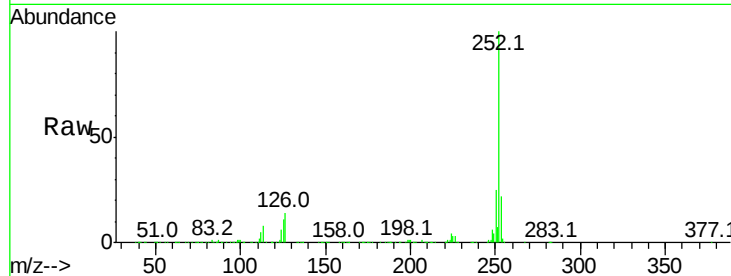
#89
Benzo(a)pyrene
Concen: 38.76 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.1	10.4	15.6

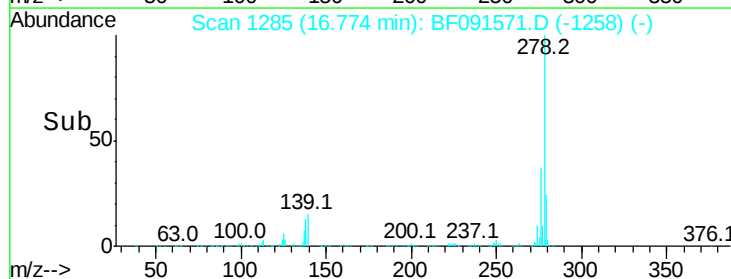
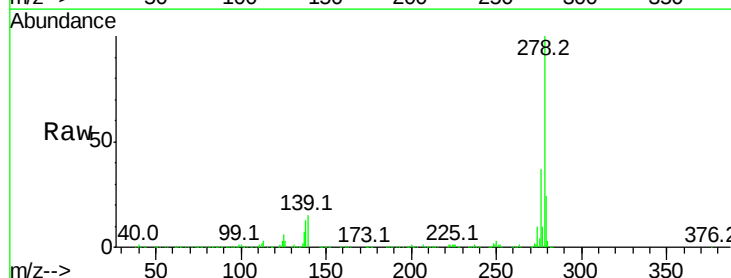
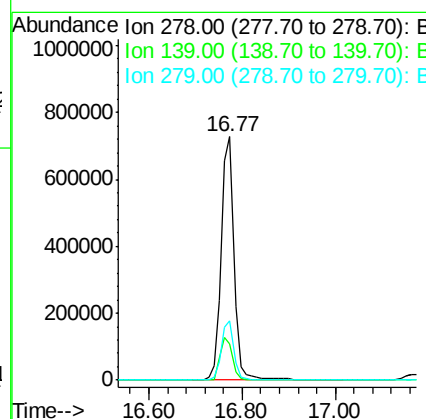
Manual Integrations
APPROVED

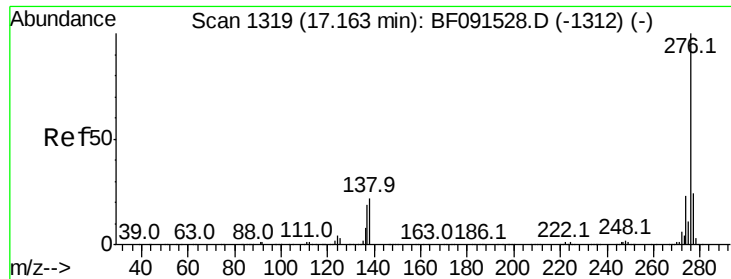
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#90
Dibenzo(a,h)anthracene
Concen: 42.04 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF091571.D
Acq: 14 Dec 2016 1:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.1	22.7#
279	24.2	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.01 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF091571.D
 Acq: 14 Dec 2016 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	24.6	15.4	23.0

Manual Integrations
 APPROVED

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