

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091612.D
 Acq On : 15 Dec 2016 6:14
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 12/15/2016 5:41:42 PM

Quant Time: Dec 15 07:04:24 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	6.80	152	316308	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	1249996	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	592819	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	817422	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	561289	20.00	ng	-0.01
86) Perylene-d12	15.37	264	530632	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1497638	79.77	ng	-0.02
7) Phenol-d6	6.44	99	1842032	78.70	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1779058	79.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	308878	62.73	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2445718	71.29	ng	-0.02
78) Terphenyl-d14	12.90	244	1848762	74.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	395567	39.92	ng	# 83
3) Pyridine	3.04	79	1035743	39.23	ng	# 79
4) n-Nitrosodimethylamine	2.99	42	449345	39.61	ng	# 60
6) Aniline	6.45	93	1209668	39.42	ng	# 74
8) 2-Chlorophenol	6.58	128	814566	38.44	ng	90
9) Benzaldehyde	6.34	77	613633	38.10	ng	87
10) Phenol	6.45	94	1069124	39.07	ng	83
11) bis(2-Chloroethyl)ether	6.53	93	804557	39.14	ng	90
12) 1,3-Dichlorobenzene	6.74	146	959397	41.75	ng	98
13) 1,4-Dichlorobenzene	6.82	146	943697	41.63	ng	97
14) 1,2-Dichlorobenzene	6.97	146	826839	40.48	ng	98
15) Benzyl Alcohol	6.94	79	751797	40.68	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1304091	40.93	ng	80
17) 2-Methylphenol	7.06	107	675077	38.50	ng	# 76
18) Hexachloroethane	7.31	117	285770	32.30	ng	88
19) n-Nitroso-di-n-propylamine	7.22	70	571907	39.07	ng	# 81
20) 3+4-Methylphenols	7.22	107	797717	41.91	ng	85
22) Acetophenone	7.21	105	1161230	38.77	ng	# 95
24) Nitrobenzene	7.38	77	877901	37.10	ng	94
25) Isophorone	7.62	82	1620087	40.69	ng	97
26) 2-Nitrophenol	7.70	139	294361	28.19	ng	# 80
27) 2,4-Dimethylphenol	7.74	122	709324	38.67	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	916931	39.26	ng	99
29) 2,4-Dichlorophenol	7.95	162	616128	38.61	ng	93
30) 1,2,4-Trichlorobenzene	8.03	180	752799	41.50	ng	97
31) Naphthalene	8.11	128	2436066	41.89	ng	100
32) Benzoic acid	7.84	122	260812m	22.69	ng	
33) 4-Chloroaniline	8.16	127	989140	39.48	ng	99
34) Hexachlorobutadiene	8.22	225	389648	37.47	ng	98
35) Caprolactam	8.53	113	199396	42.78	ng	# 55
36) 4-Chloro-3-methylphenol	8.65	107	697062	38.94	ng	93
37) 2-Methylnaphthalene	8.80	142	1415673	37.61	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	689070	42.38	ng	99
40) Hexachlorocyclopentadiene	8.96	237	83580	11.53	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	392461m	37.57	nq	
43) 2,4,5-Trichlorophenol	9.12	196	368238m	34.30	nq	
45) 1,1'-Biphenyl	9.26	154	1869124	43.53	nq	96
46) 2-Chloronaphthalene	9.29	162	1368557	41.16	nq	98
47) 2-Nitroaniline	9.38	65	423943	37.92	nq	# 86
48) Acenaphthylene	9.70	152	2048831	40.42	nq	99
49) Dimethylphthalate	9.56	163	1567794	41.77	nq	98
50) 2,6-Dinitrotoluene	9.63	165	308937	37.50	nq	# 58
51) Acenaphthene	9.87	154	1215338	34.52	nq	97
52) 3-Nitroaniline	9.79	138	402272	41.57	nq	93
53) 2,4-Dinitrophenol	9.89	184	16073	7.28	nq	91
54) Dibenzofuran	10.04	168	1725783	39.62	nq	99
55) 4-Nitrophenol	9.96	139	176256	24.48	nq	# 67
56) 2,4-Dinitrotoluene	10.03	165	361532	35.01	nq	97
57) Fluorene	10.38	166	1325760	42.30	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	264534	31.47	nq	98
59) Diethylphthalate	10.26	149	1507736	41.71	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	583168	37.24	nq	# 74
61) 4-Nitroaniline	10.41	138	456906	47.51	nq	94
62) Azobenzene	10.53	77	1564122	38.19	nq	88
64) 4,6-Dinitro-2-methylphenol	10.43	198	33445	9.27	nq	# 68
65) n-Nitrosodiphenylamine	10.50	169	1219411	50.04	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	379444	45.28	nq	99
67) Hexachlorobenzene	10.93	284	394778	45.30	nq	# 90
68) Atrazine	11.02	200	286590	36.57	nq	99
69) Pentachlorophenol	11.13	266	134669	27.46	nq	97
70) Phenanthrene	11.34	178	1856260	45.86	nq	100
71) Anthracene	11.39	178	1671401	38.28	nq	99
72) Carbazole	11.55	167	1610056	42.07	nq	99
73) Di-n-butylphthalate	11.89	149	2164369	48.54	nq	# 98
74) Fluoranthene	12.52	202	1623203	38.30	nq	94
76) Benzidine	12.65	184	612208	35.28	nq	99
77) Pyrene	12.75	202	1635632	36.73	nq	99
79) Butylbenzylphthalate	13.38	149	770865	44.41	nq	94
80) Benzo(a)anthracene	13.94	228	1334639	40.94	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	506279	43.25	nq	# 96
82) Chrysene	13.97	228	1343562	39.40	nq	100
83) Bis(2-ethylhexyl)phthalate	13.94	149	972482	43.67	nq	99
84) Di-n-octyl phthalate	14.56	149	1876271	49.63	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.73	276	1130334	36.83	nq	98
87) Benzo(b)fluoranthene	14.97	252	1522925m	48.14	nq	
88) Benzo(k)fluoranthene	14.99	252	1057740m	38.03	nq	
89) Benzo(a)pyrene	15.31	252	1212414	42.55	nq	# 94
90) Dibenzo(a,h)anthracene	16.75	278	971015	38.04	nq	# 96
91) Benzo(g,h,i)perylene	17.14	276	935761	36.02	nq	96

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

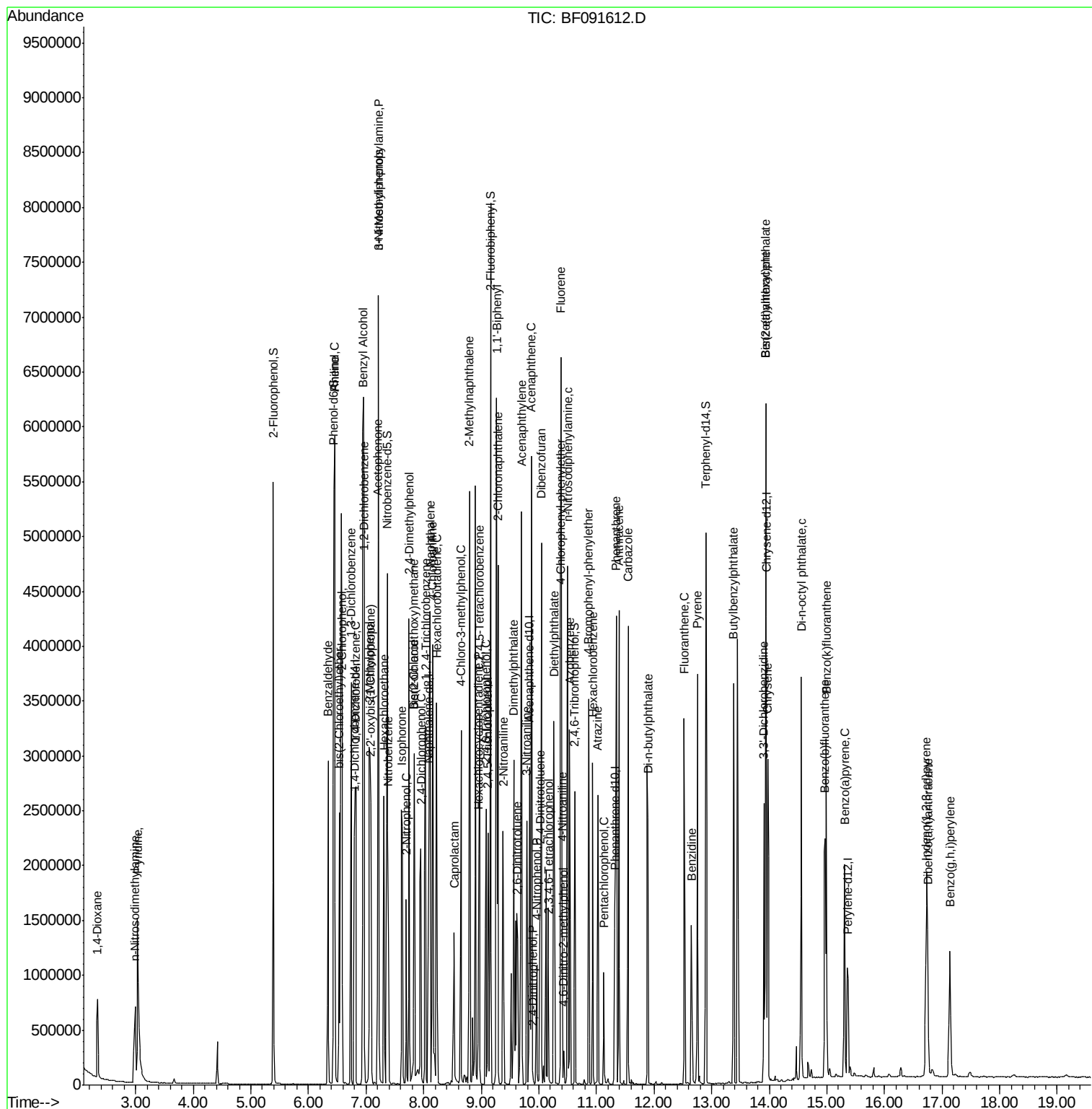
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
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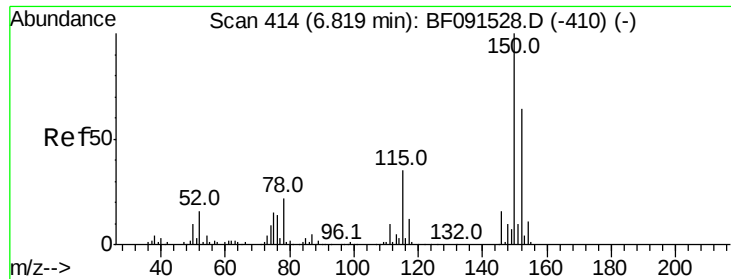
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

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#1

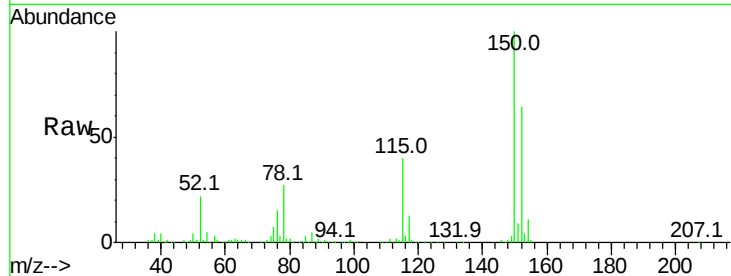
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

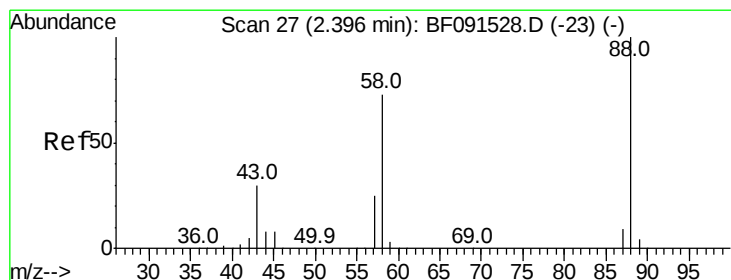
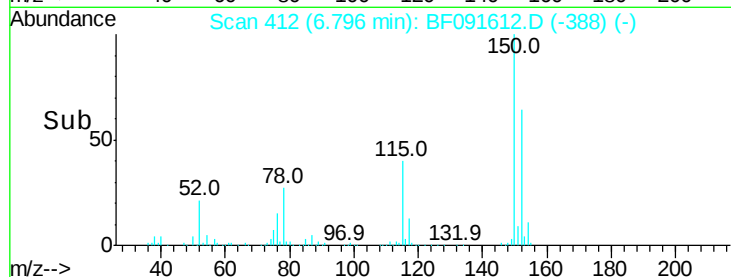
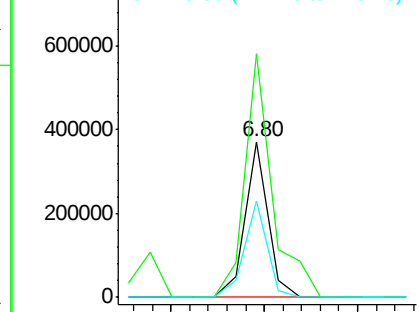
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.5	183.7
115	62.2	51.8	77.8

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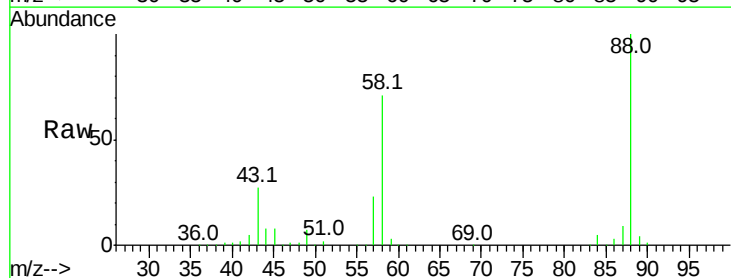
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



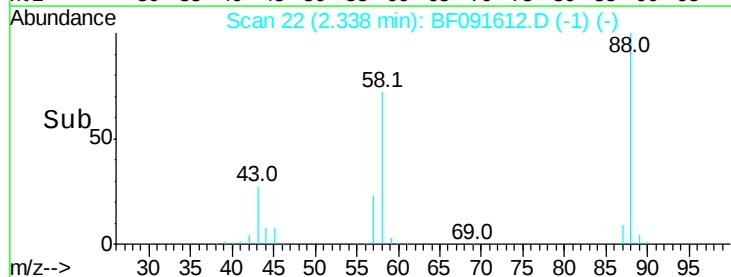
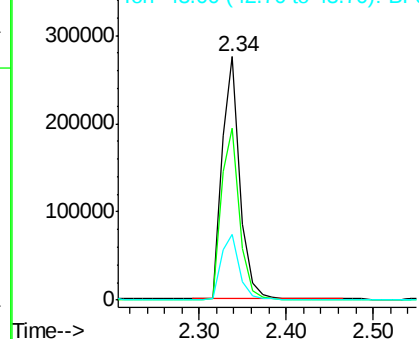
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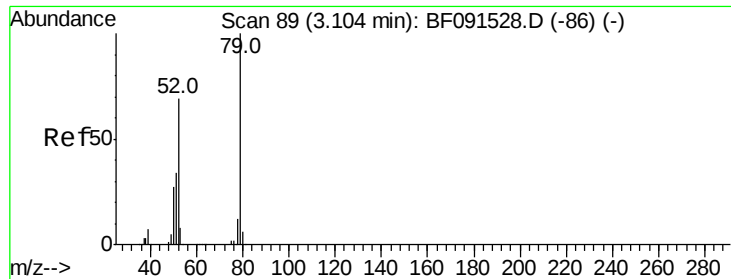
1,4-Dioxane
Concen: 39.92 ng
RT: 2.34 min Scan# 22
Delta R.T. -0.06 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	70.3	105.5
43	27.8	31.3	46.9#



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





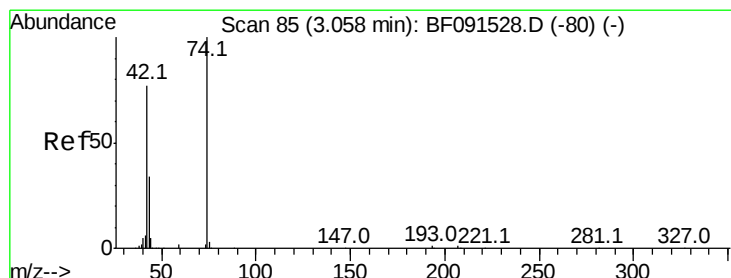
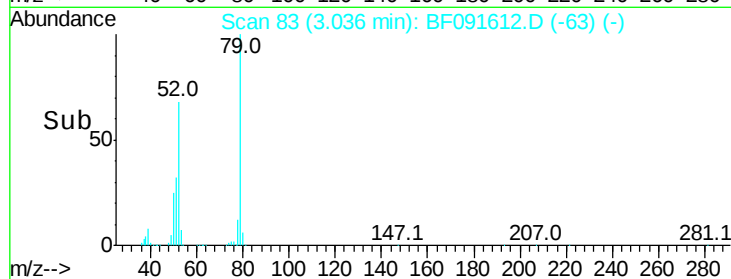
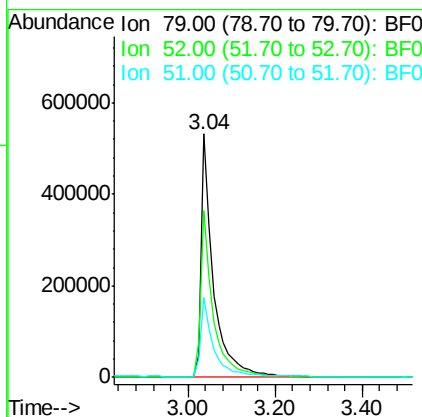
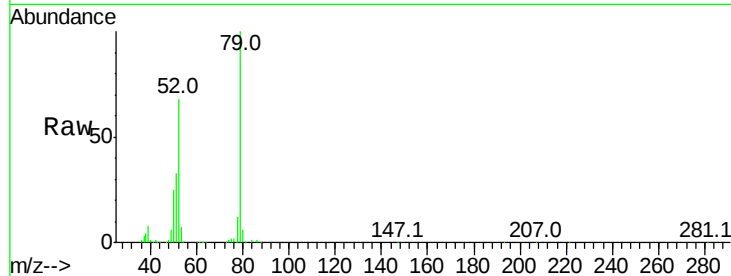
#3
 Pvridine
 Concen: 39.23 ng
 RT: 3.04 min Scan# 83
 Delta R.T. -0.07 min
 Lab File: BF091612.D
 Acq: 15 Dec 2016 6:14

Instrument :
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 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 1035743
 Ion Ratio Lower Upper
 79 100
 52 68.5 71.0 106.4#
 51 32.7 37.0 55.4#

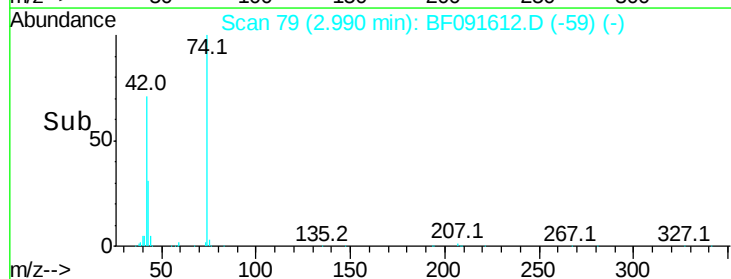
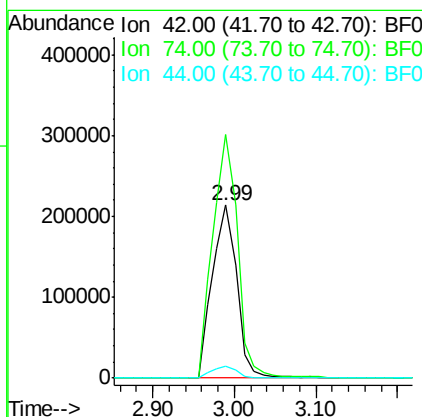
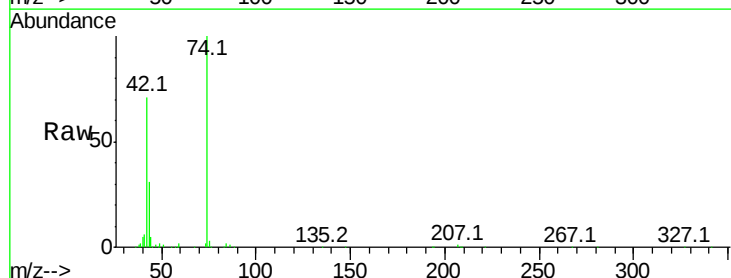
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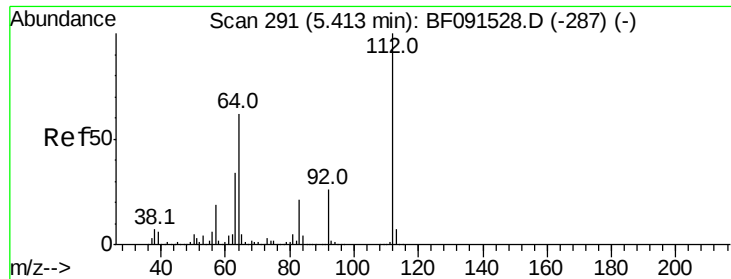
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#4
 n-Nitrosodimethylamine
 Concen: 39.61 ng
 RT: 2.99 min Scan# 79
 Delta R.T. -0.07 min
 Lab File: BF091612.D
 Acq: 15 Dec 2016 6:14

Tgt Ion: 42 Resp: 449345
 Ion Ratio Lower Upper
 42 100
 74 140.7 78.9 118.3#
 44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 79.77 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 1497638

Ion Ratio Lower Upper

112 100

64 62.3 61.5 92.3

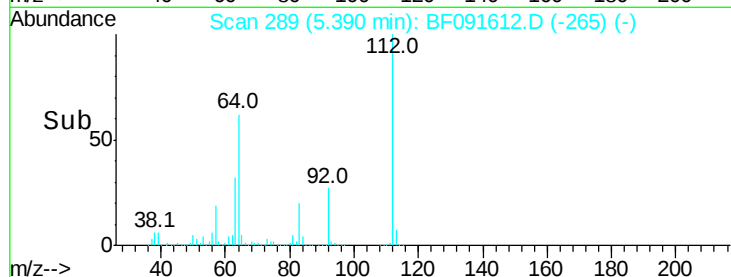
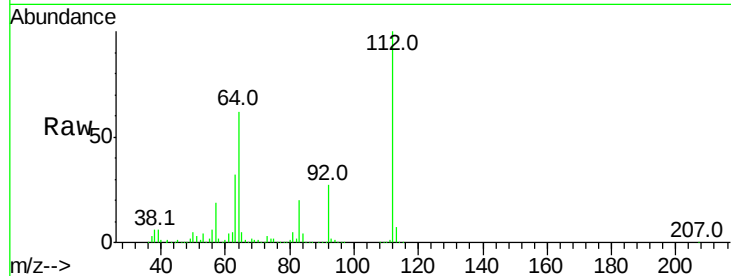
63 31.8 33.3 49.9#

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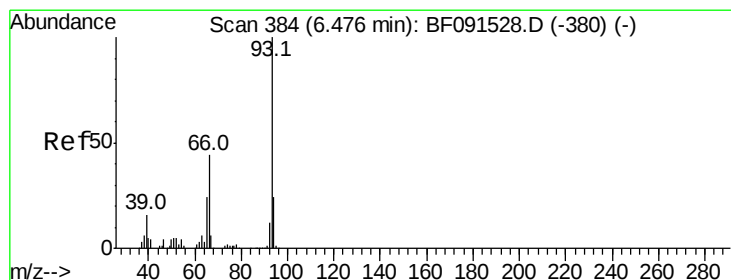
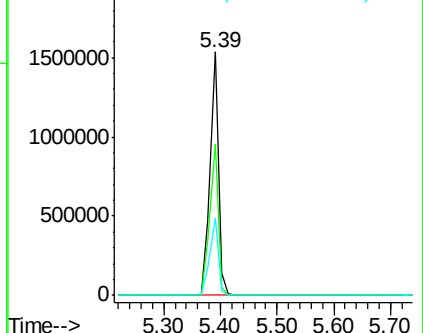
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.42 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

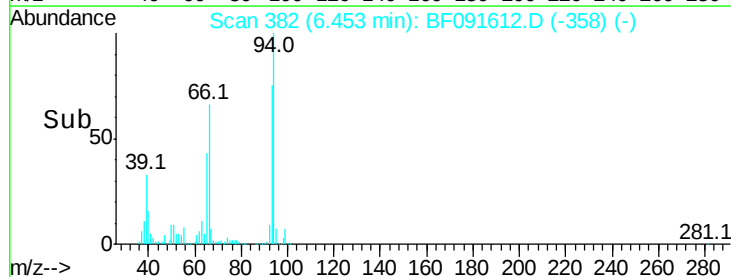
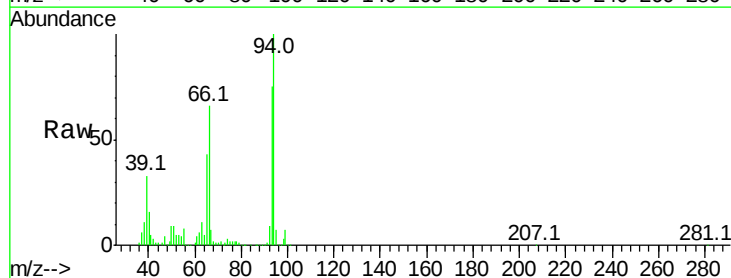
Tgt Ion: 93 Resp: 1209668

Ion Ratio Lower Upper

93 100

66 87.9 55.8 83.6#

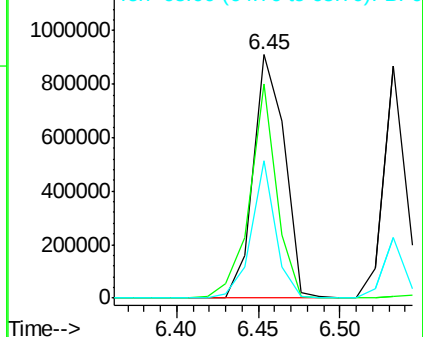
65 56.6 29.9 44.9#

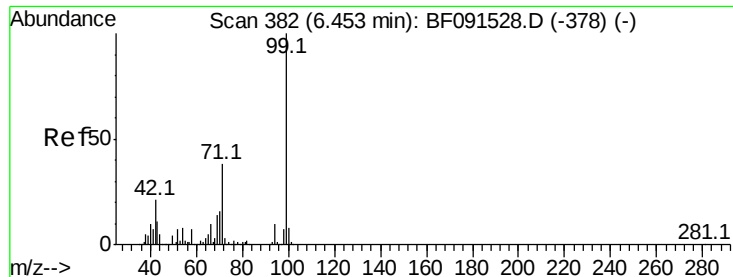


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.70 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1842032

Ion Ratio Lower Upper

99 100

42 19.1 20.6 31.0#

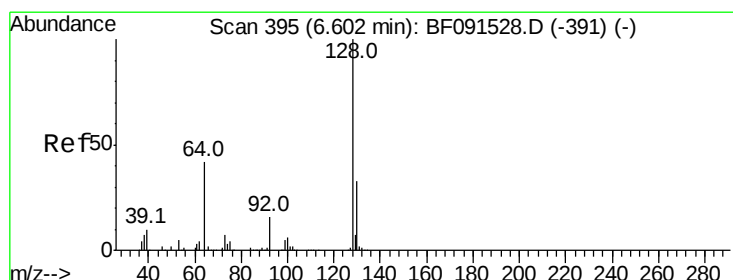
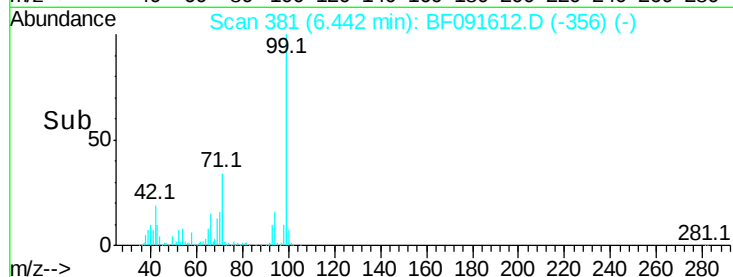
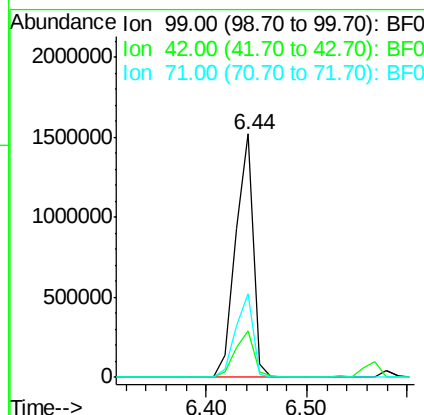
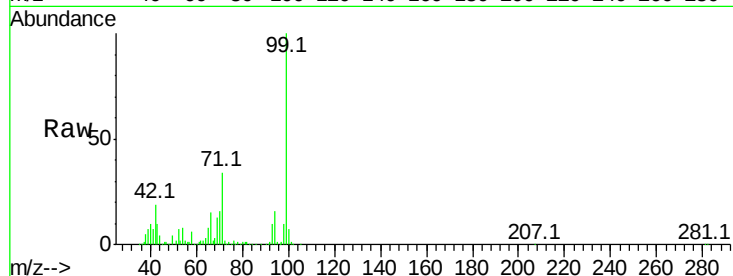
71 34.4 29.9 44.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 38.44 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

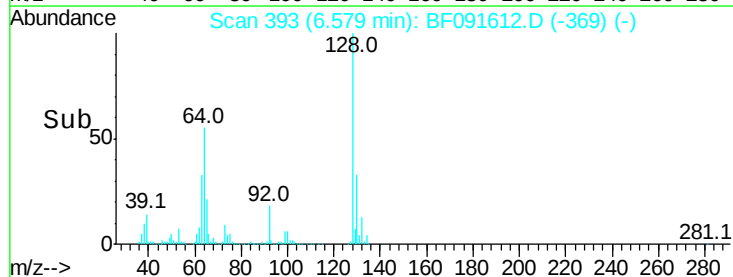
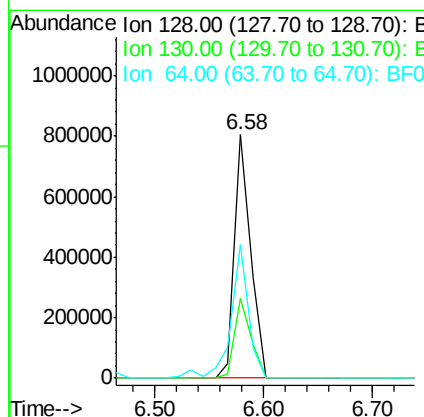
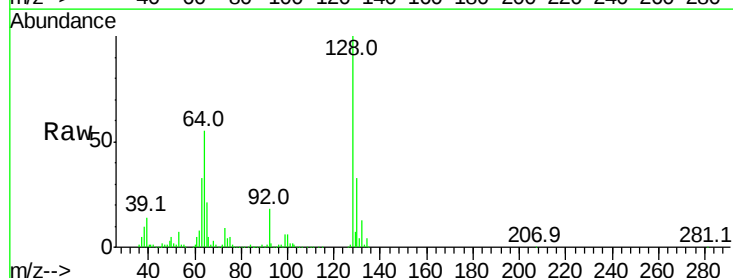
Tgt Ion: 128 Resp: 814566

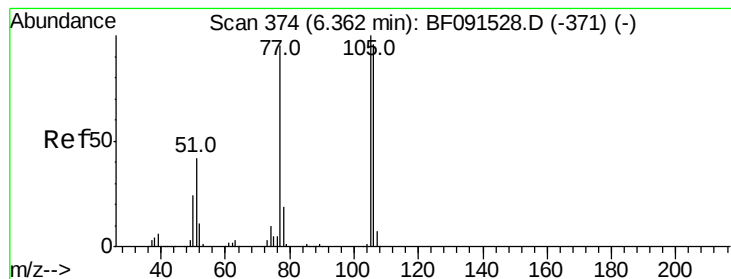
Ion Ratio Lower Upper

128 100

130 32.6 13.1 53.1

64 54.8 24.1 64.1





#9

Benzaldehyde

Concen: 38.10 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

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Acq: 15 Dec 2016 6:14

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BNA_F

ClientSampleId :

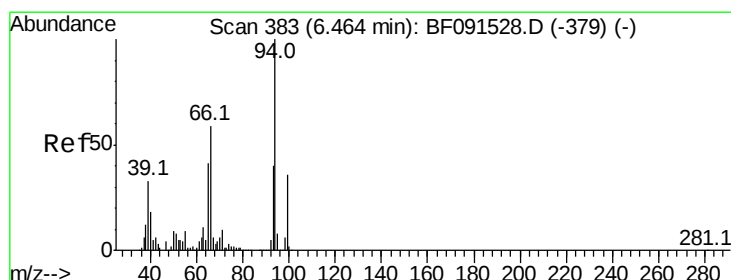
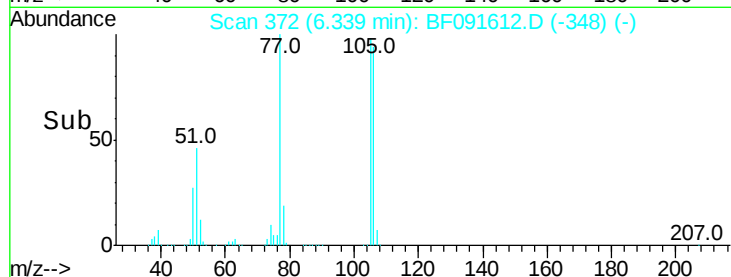
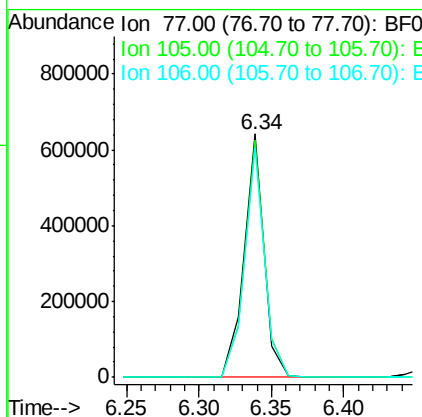
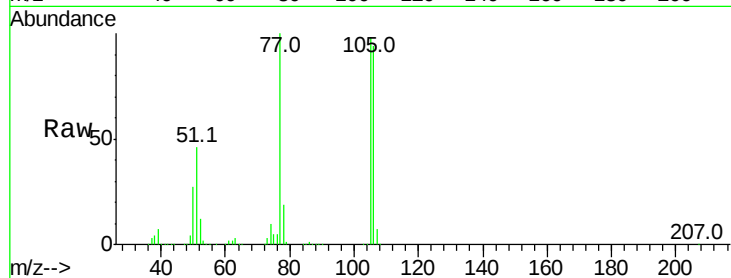
SSTDCCC040

Tot Ion: 77 Resp: 613633

Ion	Ratio	Lower	Upper
77	100		
105	97.5	66.4	106.4
106	94.2	60.9	100.9

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#10

Phenol

Concen: 39.07 ng

RT: 6.45 min Scan# 382

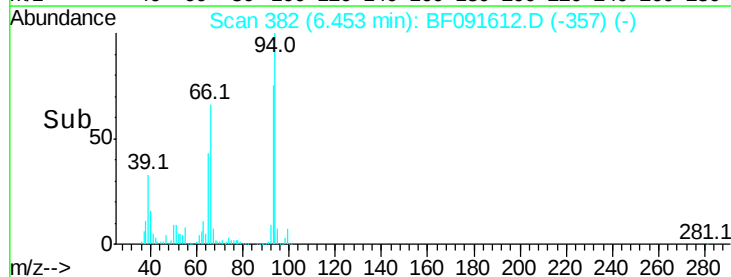
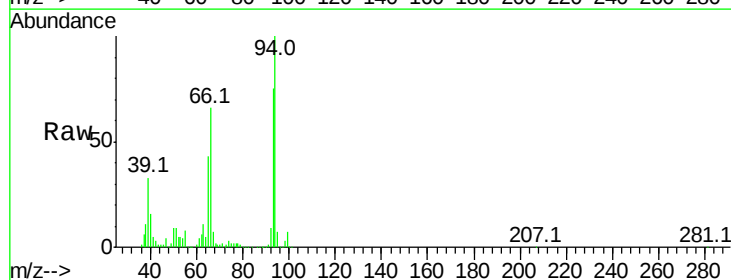
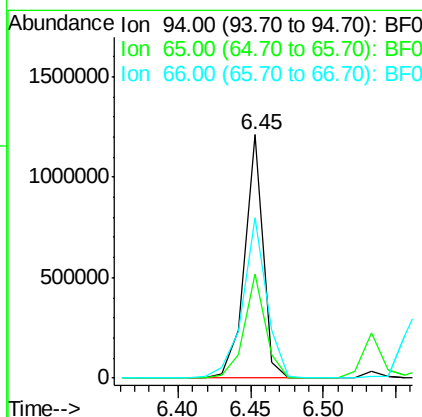
Delta R.T. -0.01 min

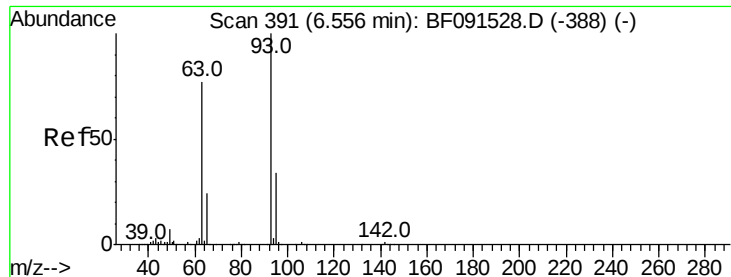
Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Tgt Ion: 94 Resp: 1069124

Ion	Ratio	Lower	Upper
94	100		
65	42.5	16.9	56.9
66	66.1	30.6	70.6





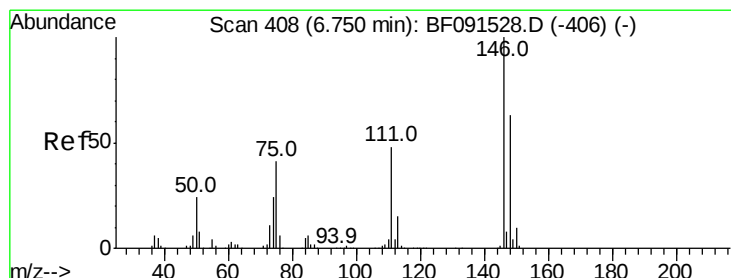
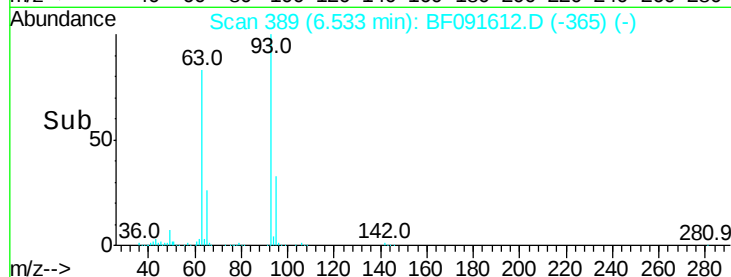
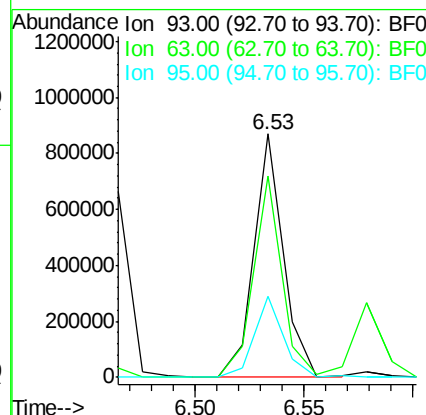
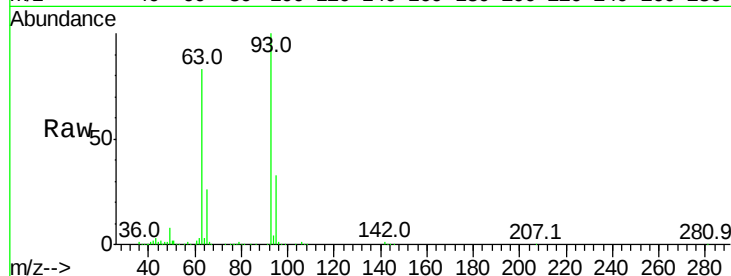
#11
bis(2-Chloroethyl)ether
Concen: 39.14 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.8	74.8	114.8
95	33.2	12.4	52.4

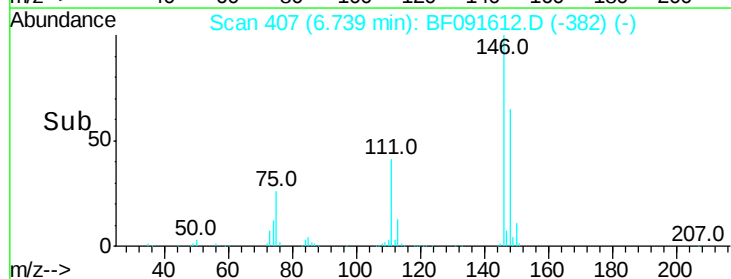
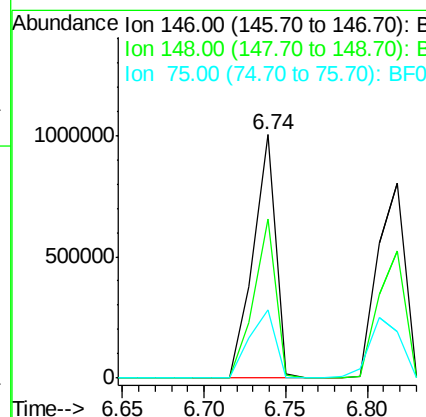
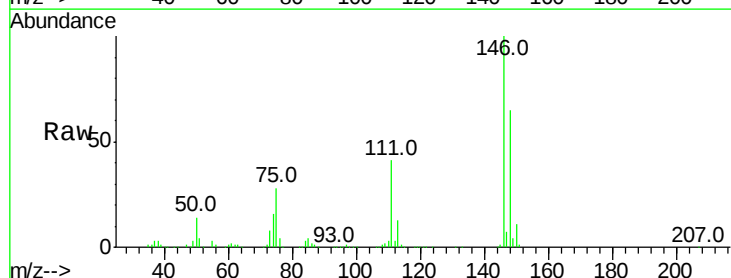
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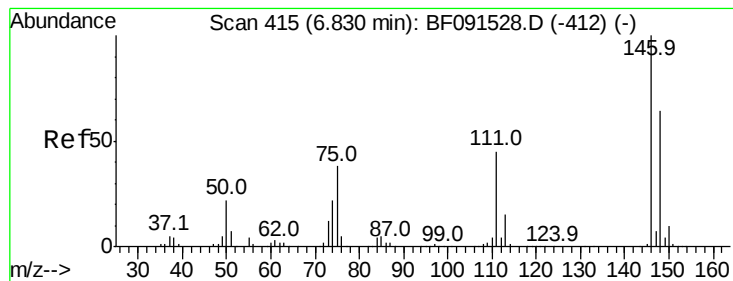
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#12
1,3-Dichlorobenzene
Concen: 41.75 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.0
75	28.2	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 41.63 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

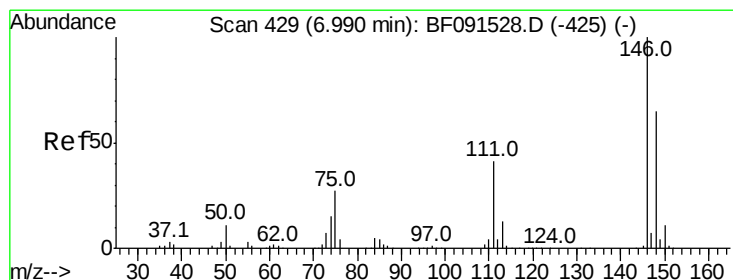
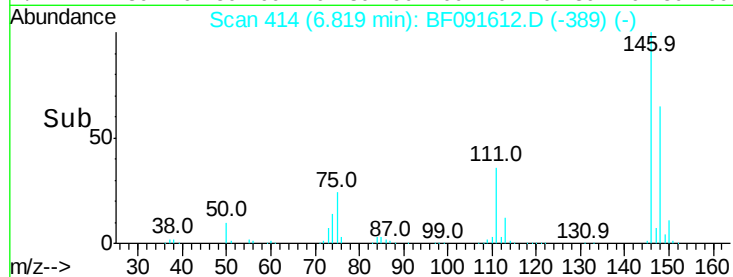
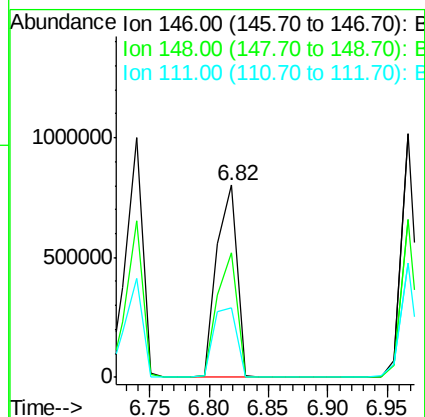
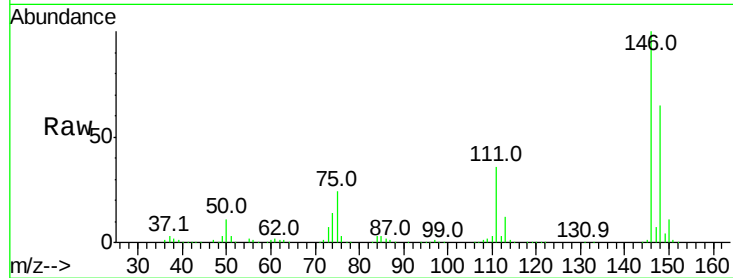
ClientSampled :

SSTDCCC040

Tot Ion:	146	Resp:	943697
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.4	77.0
111	36.3	32.2	48.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.48 ng

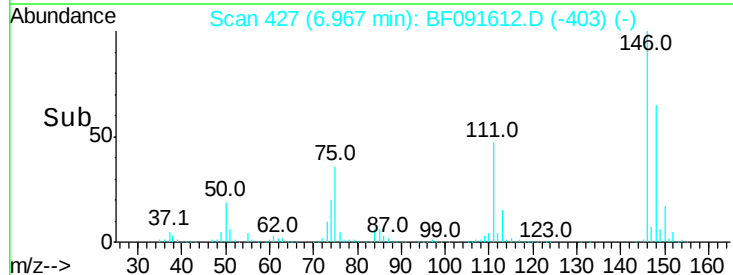
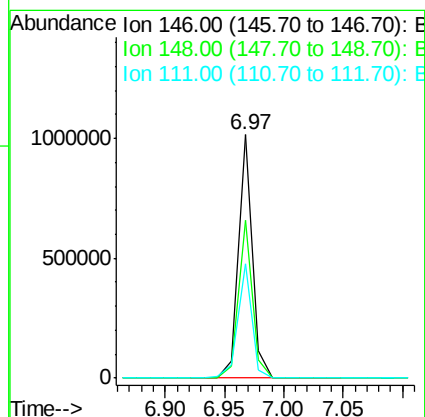
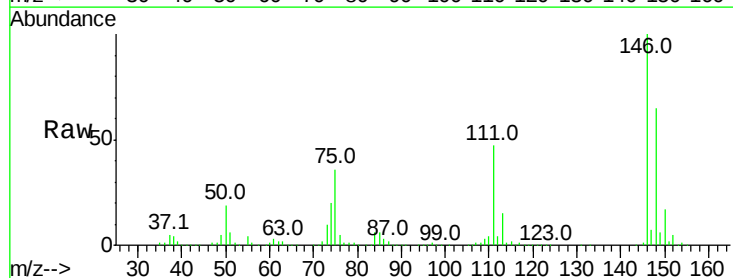
RT: 6.97 min Scan# 427

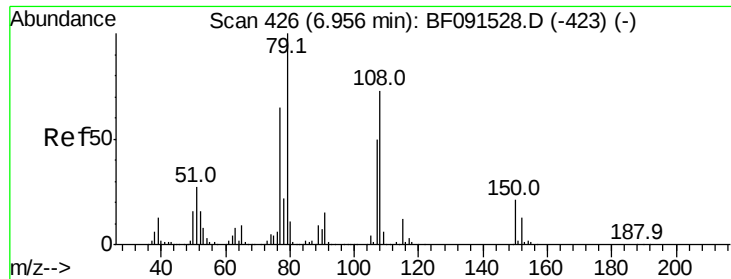
Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Tgt Ion:	146	Resp:	826839
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.0	76.6
111	47.0	38.9	58.3





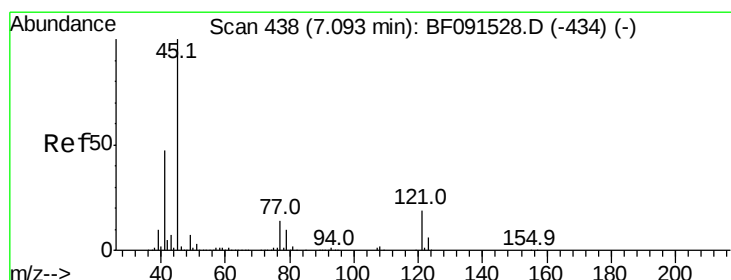
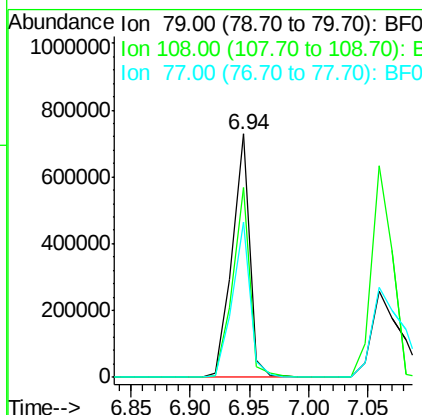
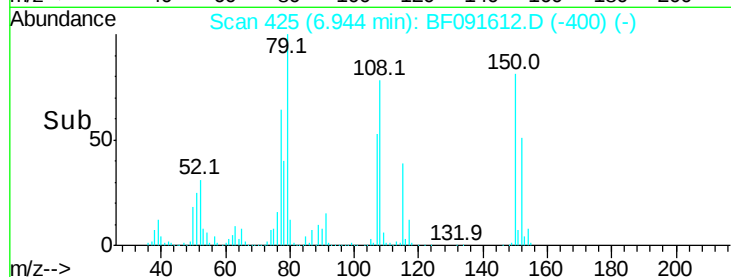
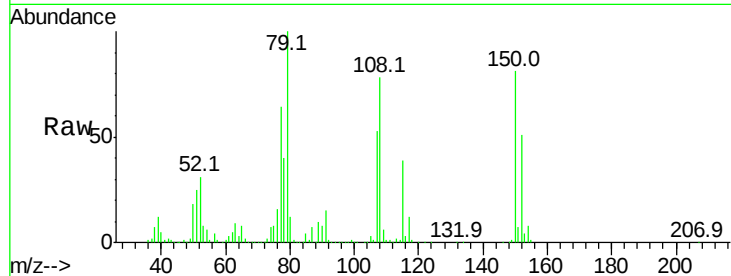
#15
Benzyl Alcohol
Concen: 40.68 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100	751797		
108	78.1	62.7	94.1	
77	63.8	51.7	77.5	

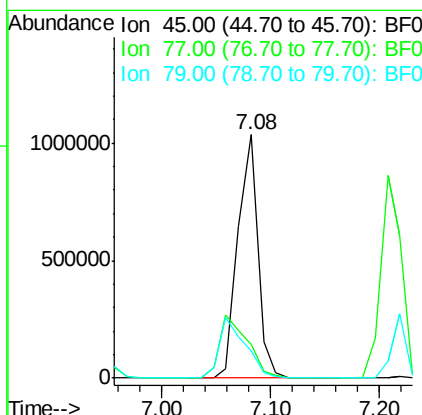
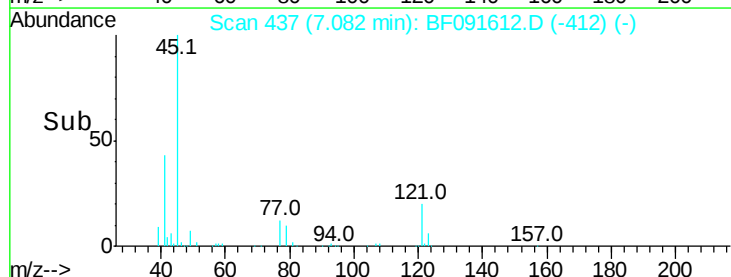
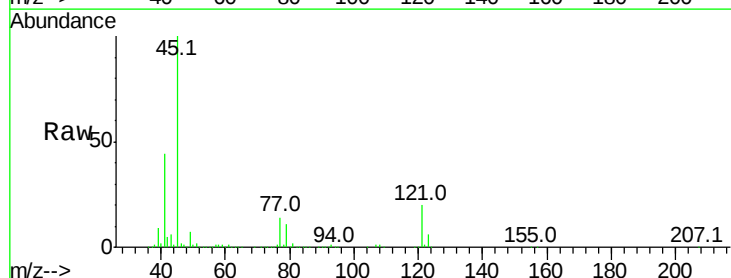
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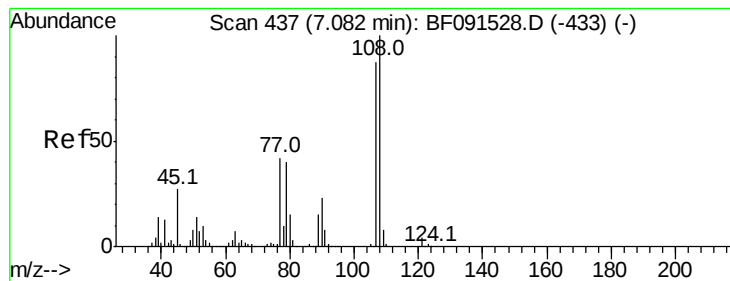
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.93 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	1304091		
77	13.7	3.8	43.8	
79	11.0	0.2	40.2	





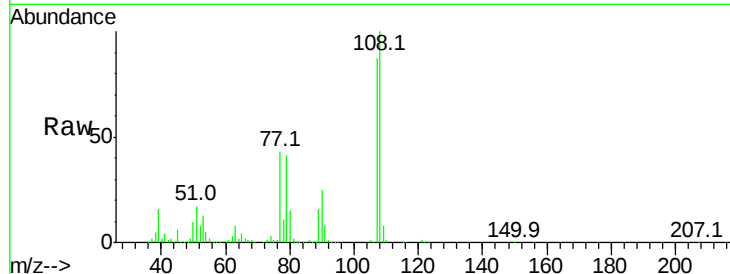
#17
2-Methylphenol
Concen: 38.50 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	115.2	67.7	101.5#
77	49.1	40.7	61.1
79	47.1	23.4	35.2#

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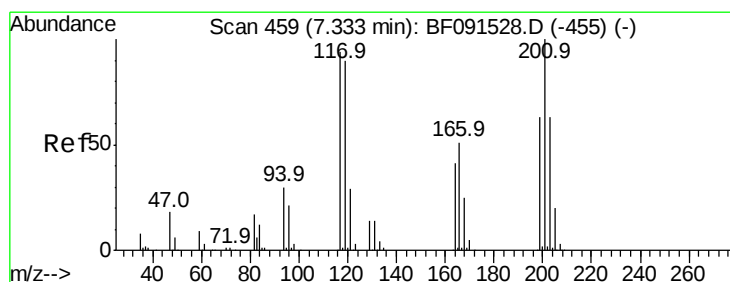
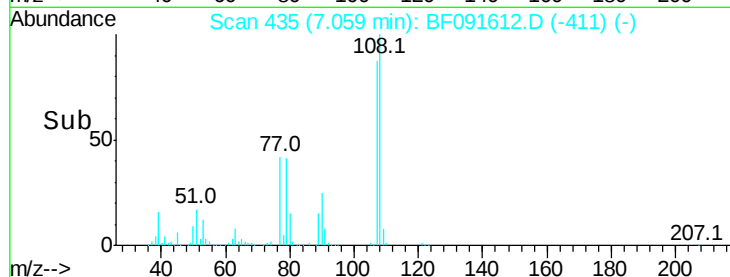
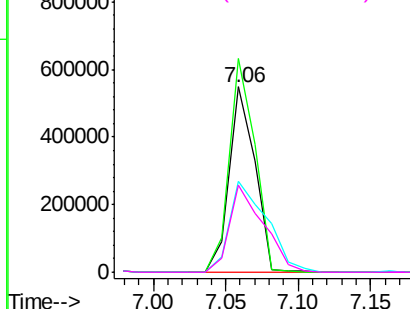
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

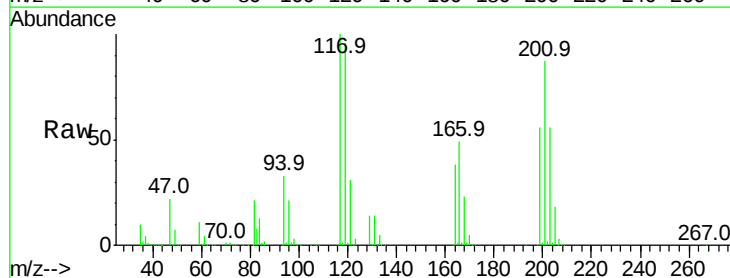
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 32.30 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.8	78.6	118.0
201	87.4	86.7	130.1

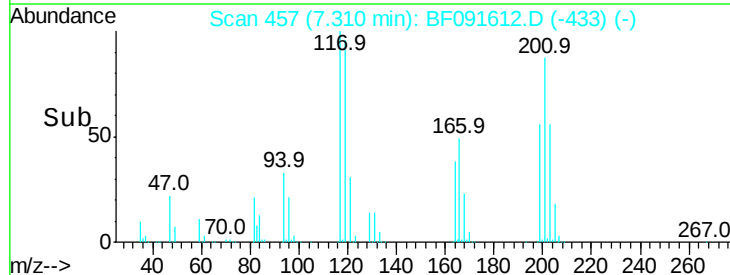
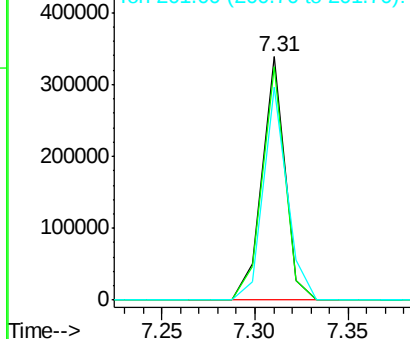


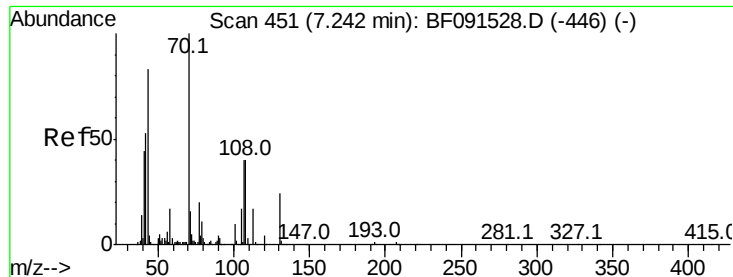
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.07 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

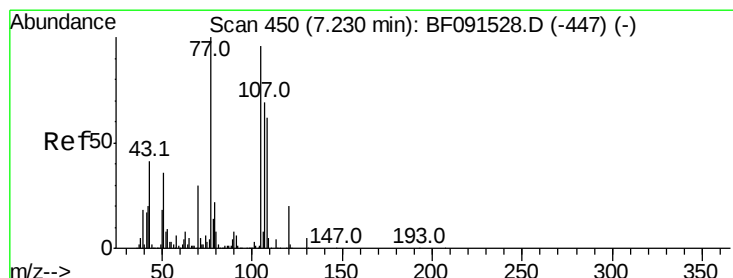
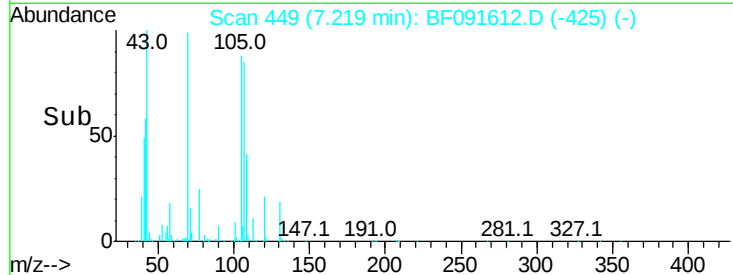
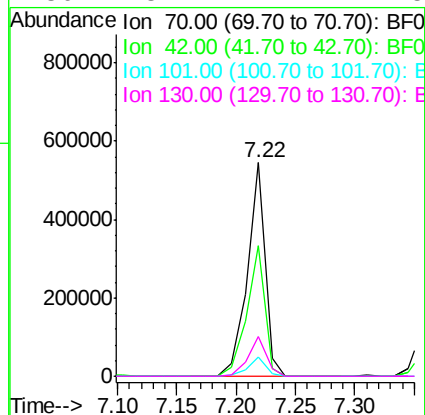
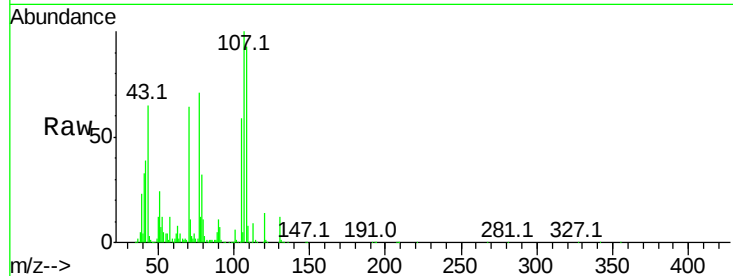
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.1	64.8	97.2#	
101	9.2	6.2	9.4	
130	18.7	11.7	17.5#	

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#20

3+4-Methylphenols

Concen: 41.91 ng

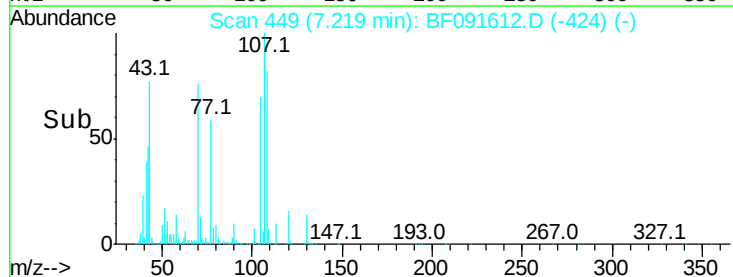
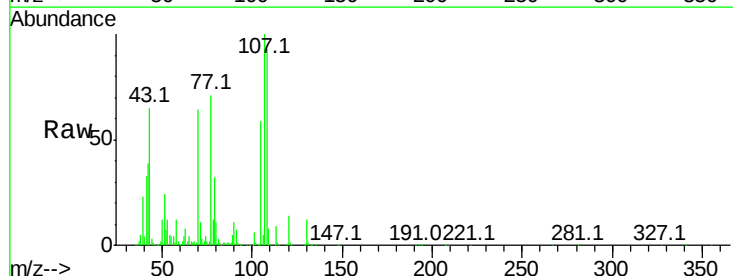
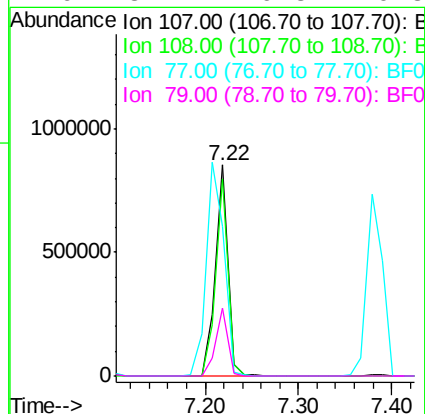
RT: 7.22 min Scan# 449

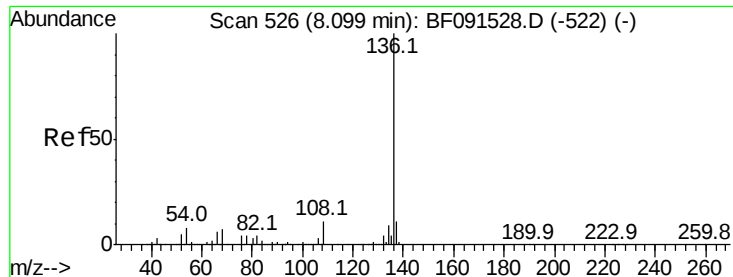
Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.3	64.6	104.6	
77	70.7	30.9	70.9	
79	32.2	9.3	49.3	





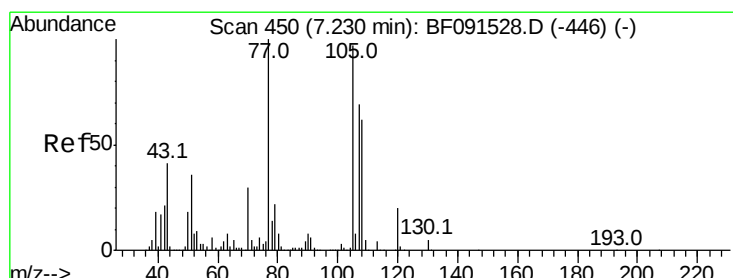
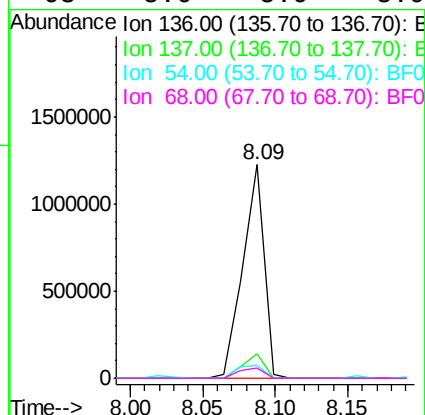
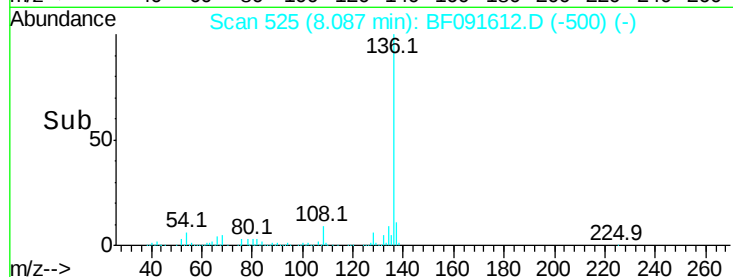
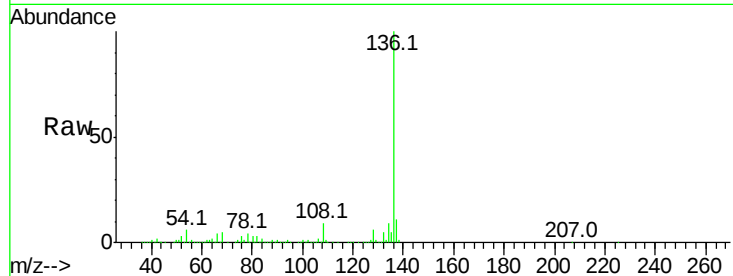
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.2	9.1	13.7#
68	5.0	5.9	8.9#

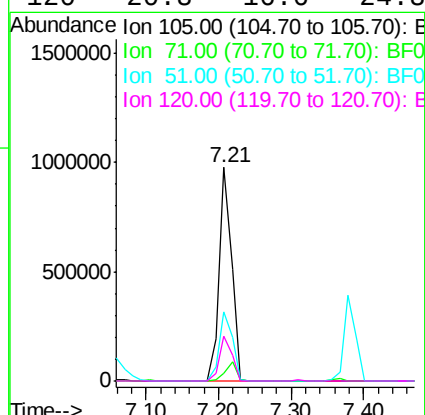
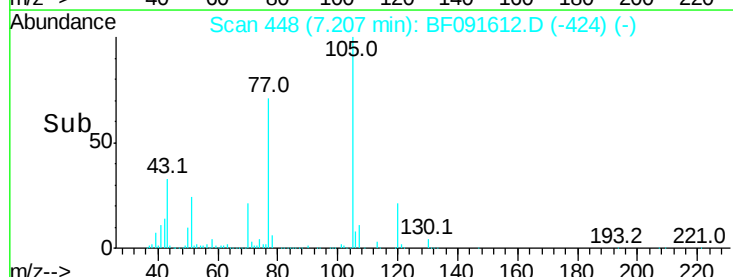
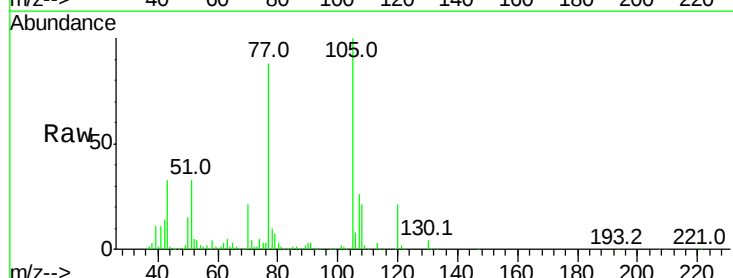
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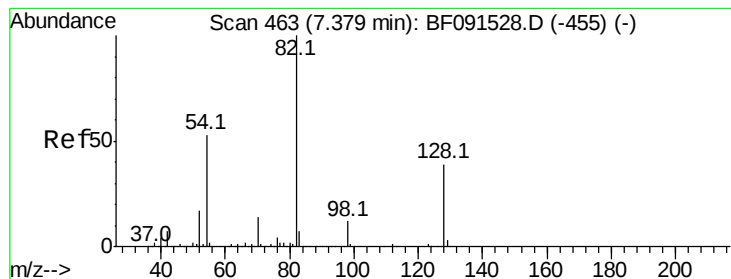
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#22
Acetophenone
Concen: 38.77 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.5	7.9	11.9#
51	32.5	24.5	36.7
120	20.8	16.6	24.8





#23

Nitrobenzene-d5

Concen: 79.44 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1779058

Ion Ratio Lower Upper

82 100

128 44.2 31.8 47.6

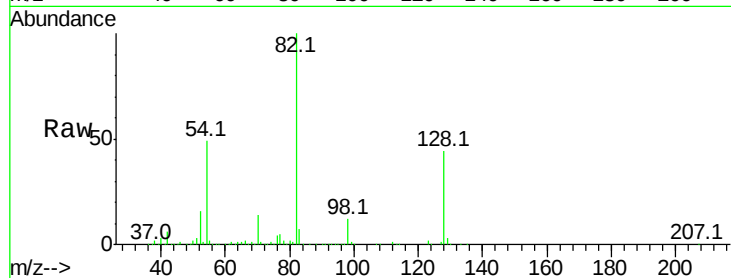
54 49.4 49.1 73.7

Manual Integrations

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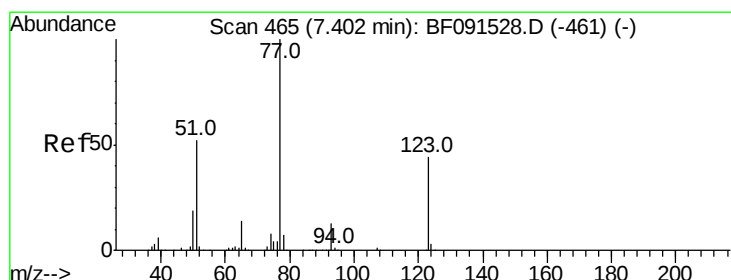
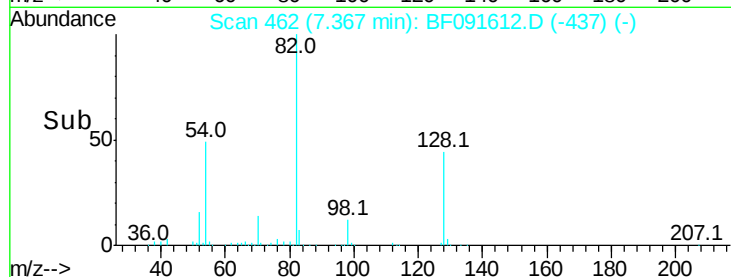
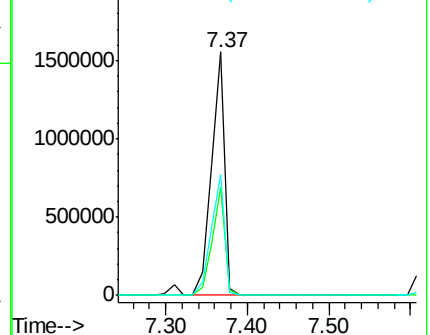
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.10 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

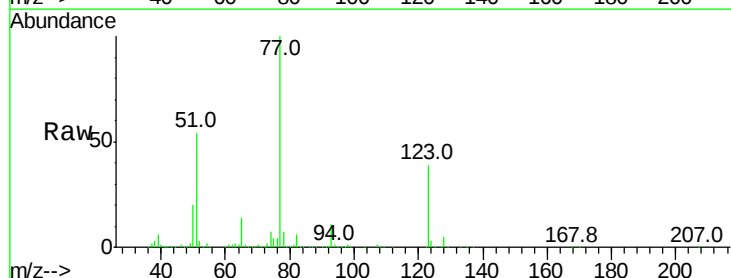
Tgt Ion: 77 Resp: 877901

Ion Ratio Lower Upper

77 100

123 39.3 28.5 42.7

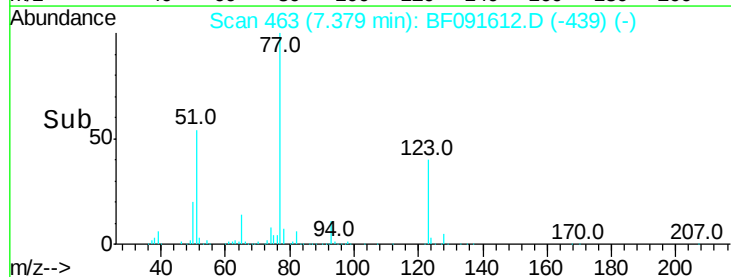
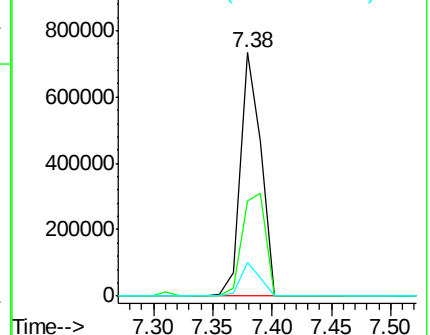
65 13.9 12.5 18.7

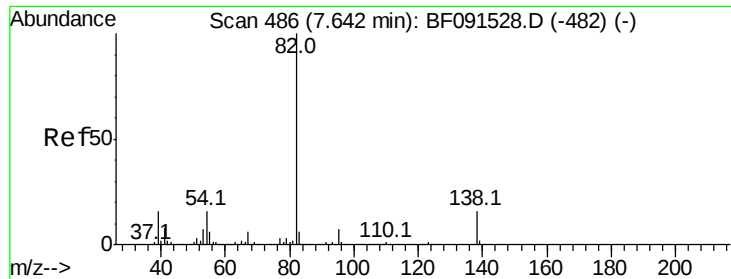


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.69 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1620087

Ion Ratio Lower Upper

82 100

95 6.5 5.7 8.5

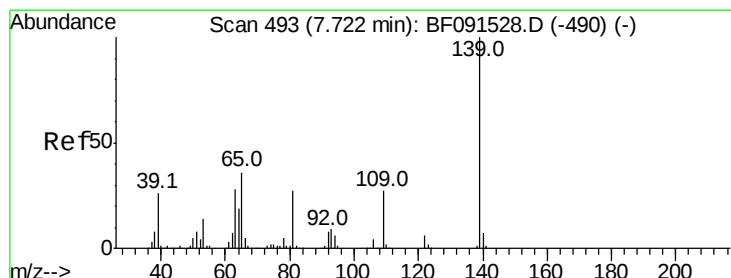
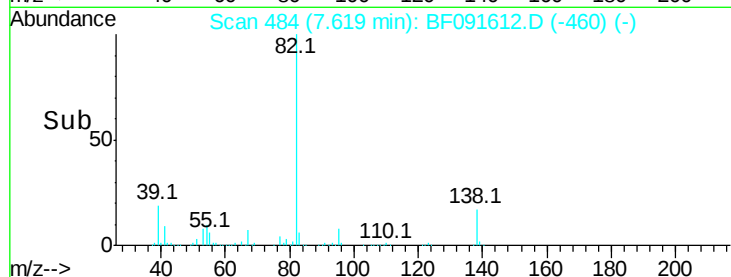
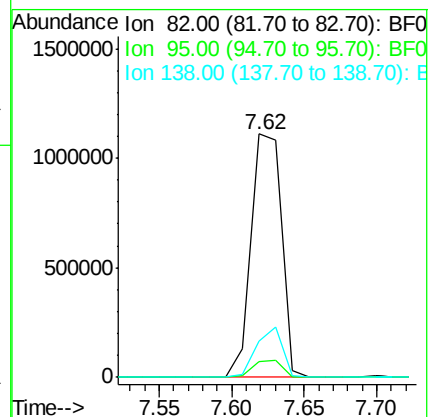
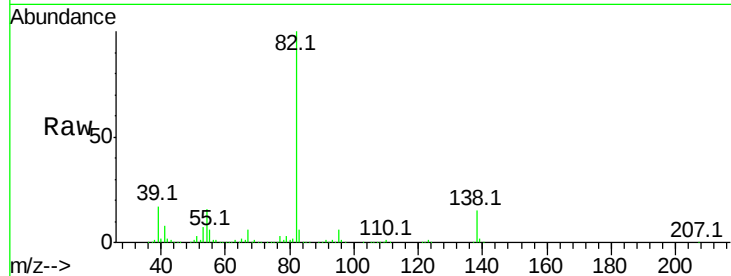
138 14.9 13.4 20.0

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12/15/2016 5:41:42 PM



#26

2-Nitrophenol

Concen: 28.19 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

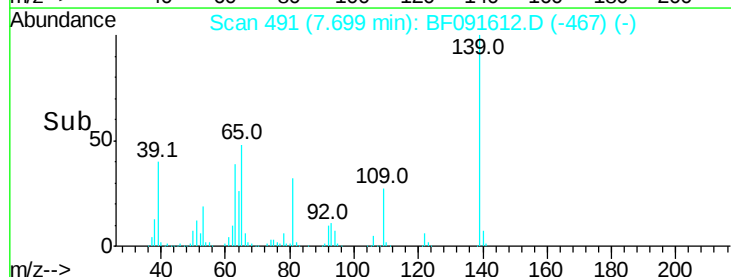
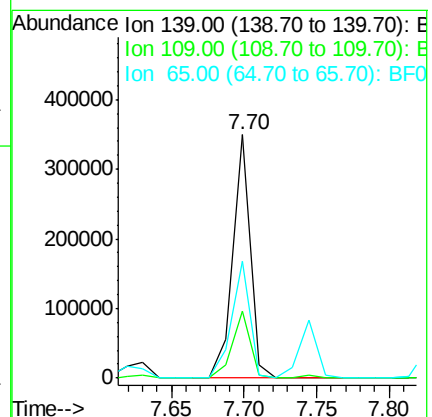
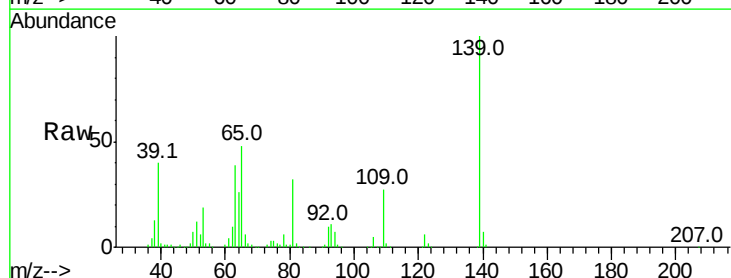
Tgt Ion: 139 Resp: 294361

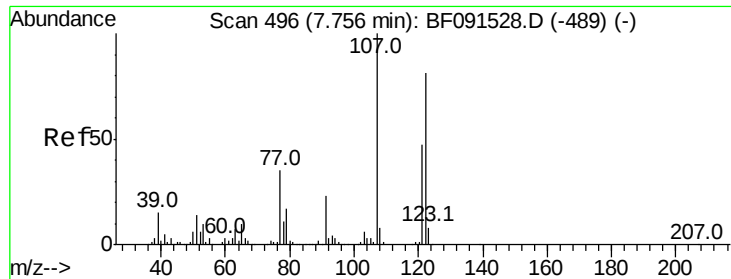
Ion Ratio Lower Upper

139 100

109 27.5 25.3 37.9

65 48.2 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 38.67 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

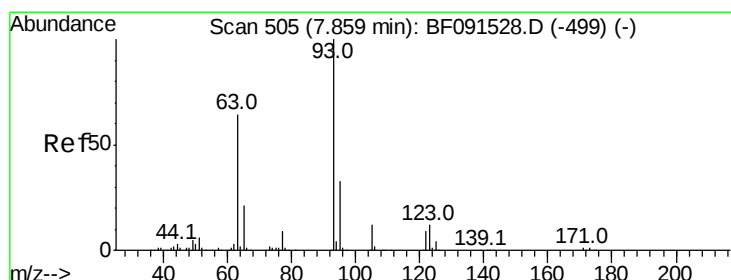
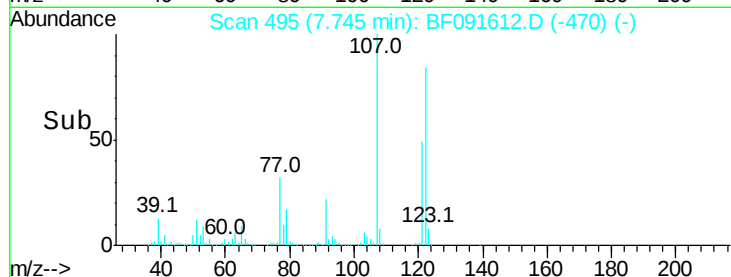
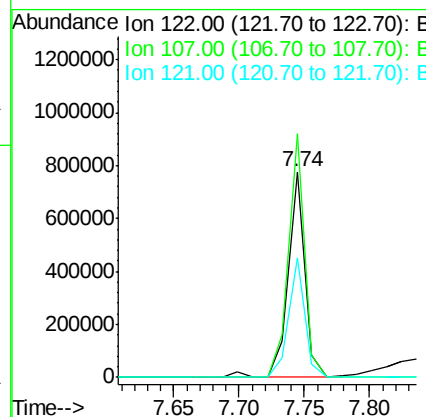
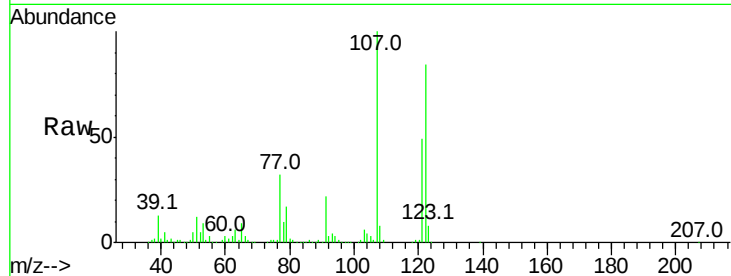
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	709324
Ion Ratio	Lower	Upper	
122	100		
107	118.6	96.8	145.2
121	58.0	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 39.26 ng

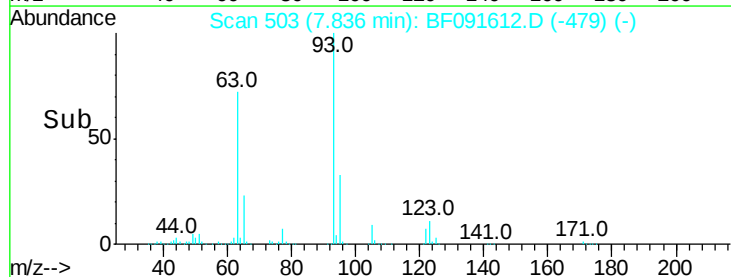
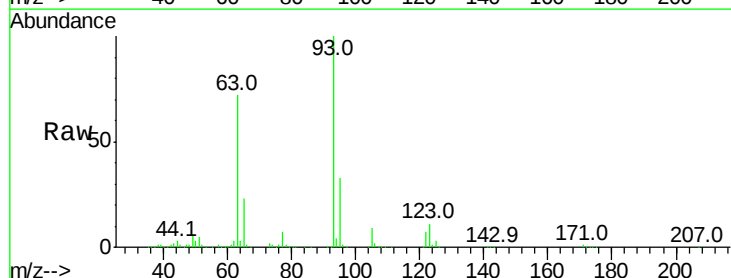
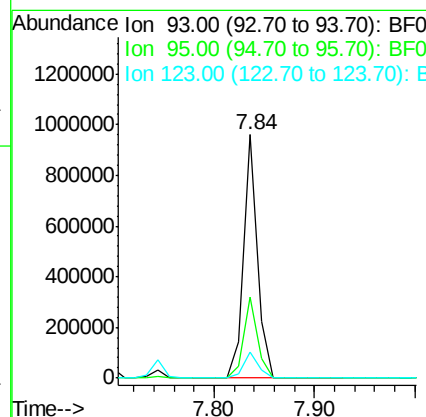
RT: 7.84 min Scan# 503

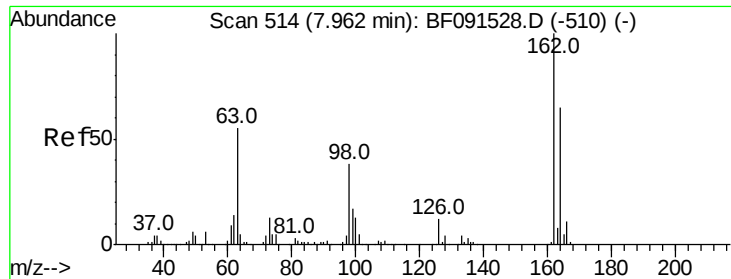
Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Tgt Ion:	93	Resp:	916931
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.0	39.0
123	10.8	8.6	12.8





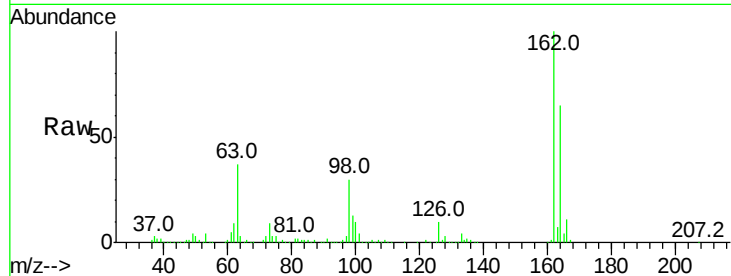
#29
2,4-Dichlorophenol
Concen: 38.61 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

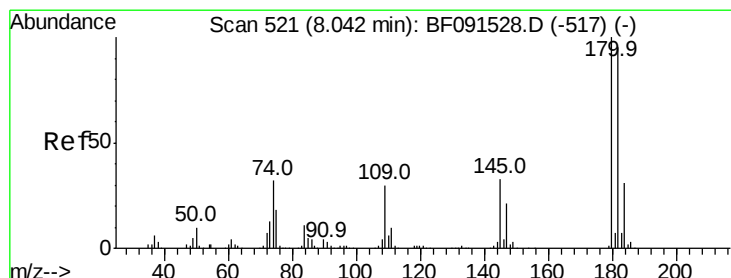
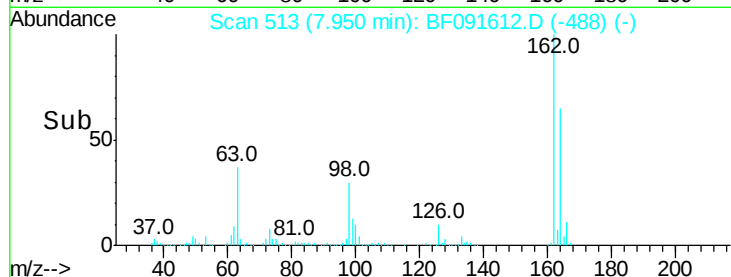
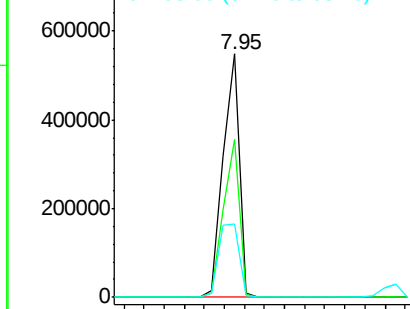
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.1	45.0	85.0
98	30.0	21.3	61.3

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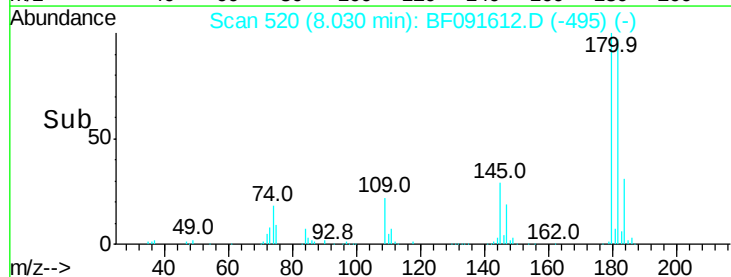
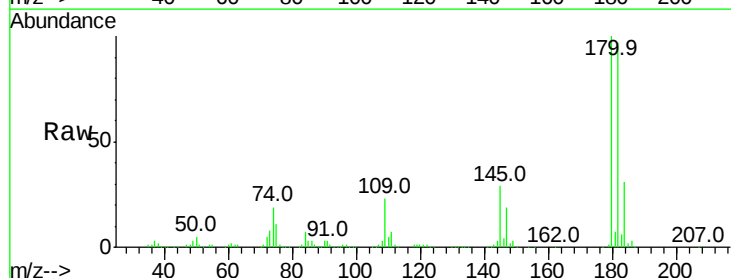
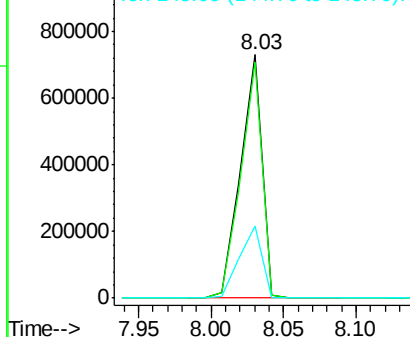
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

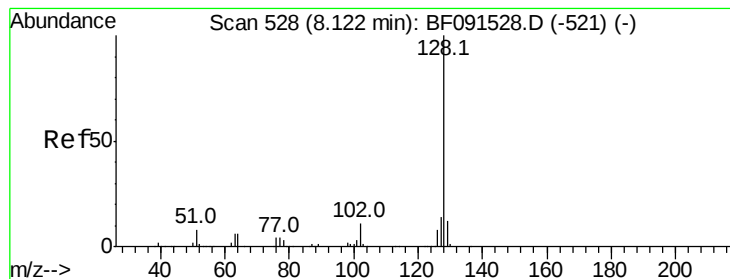


#30
1,2,4-Trichlorobenzene
Concen: 41.50 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.8	75.8	113.8
145	29.5	27.0	40.4

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





#31

Naphthalene

Concen: 41.89 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2436066

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

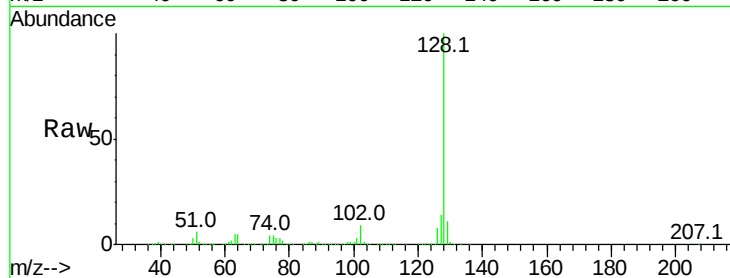
127 13.5 11.0 16.4

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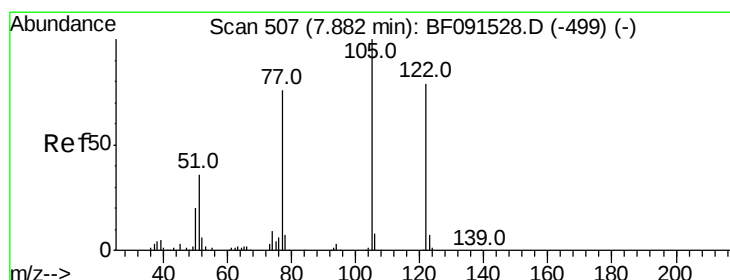
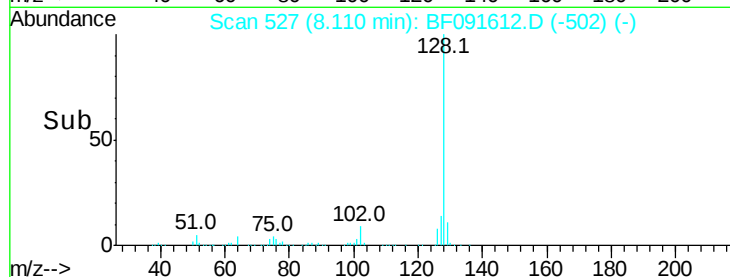
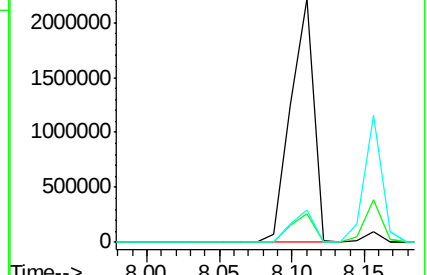
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.69 ng m

RT: 7.84 min Scan# 503

Delta R.T. -0.04 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

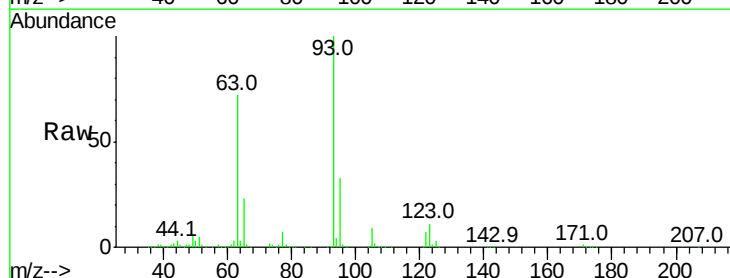
Tgt Ion:122 Resp: 260812

Ion Ratio Lower Upper

122 100

105 122.8 113.0 153.0

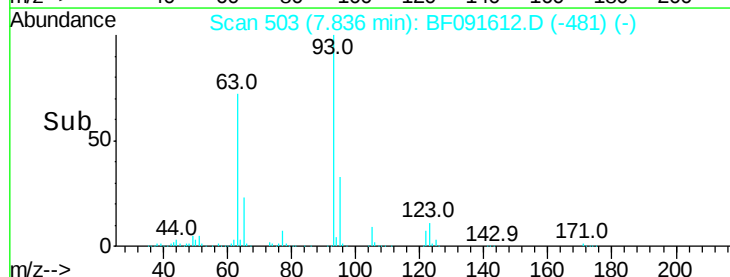
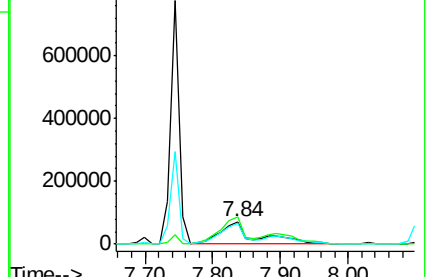
77 92.1 82.0 122.0

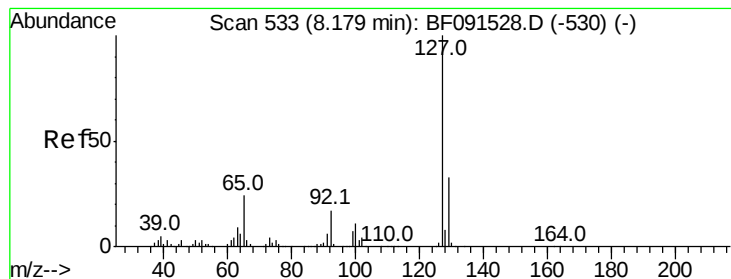


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 39.48 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

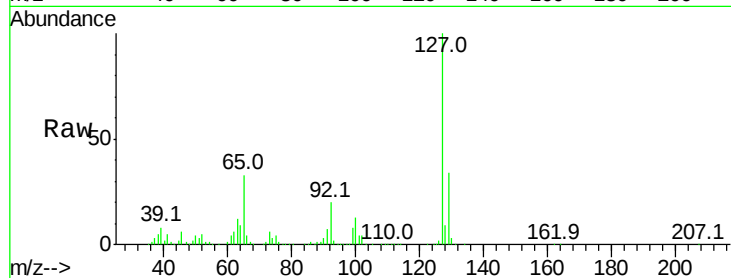
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.6	26.2	39.4	
65	32.6	26.6	39.8	
92	20.3	15.4	23.0	

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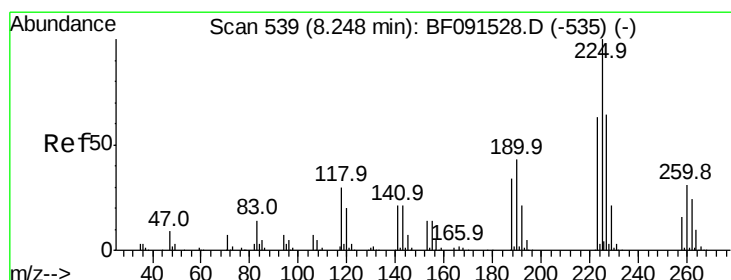
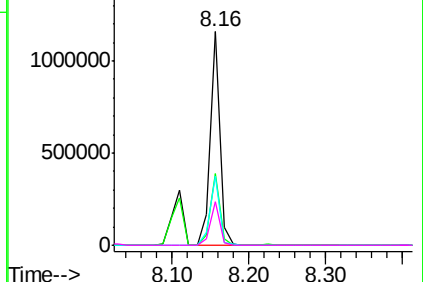
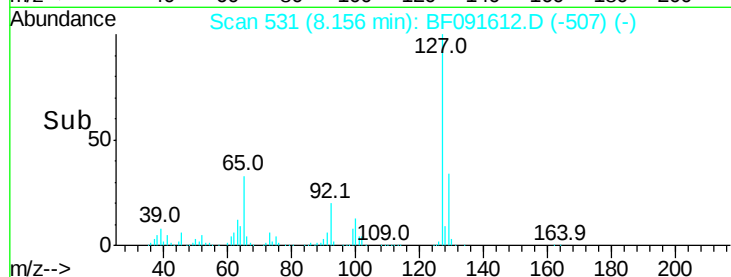


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.47 ng

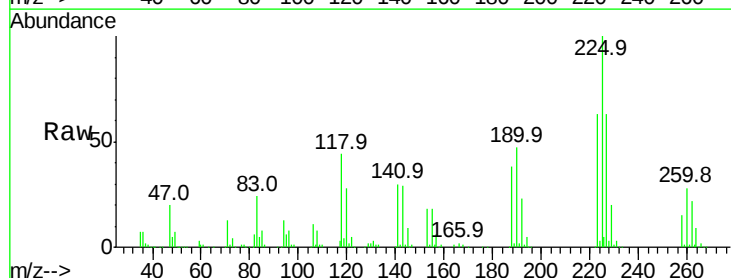
RT: 8.22 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

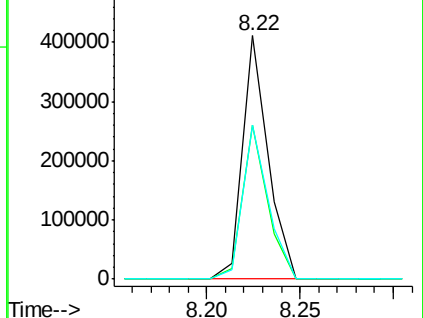
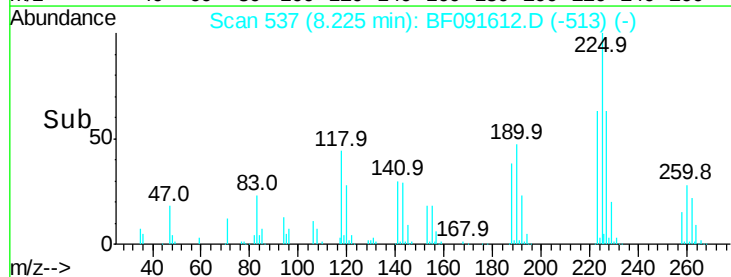
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	49.8	74.6	
227	63.2	52.6	79.0	

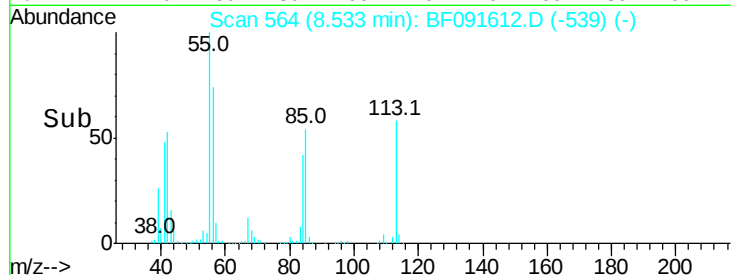
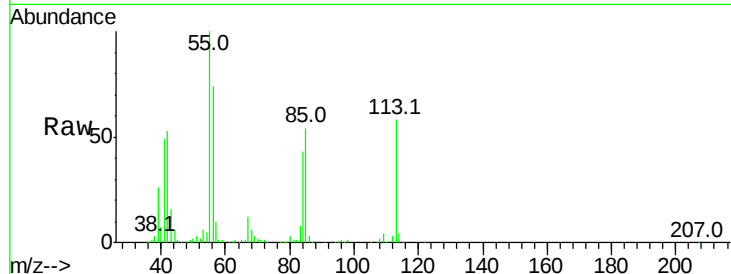
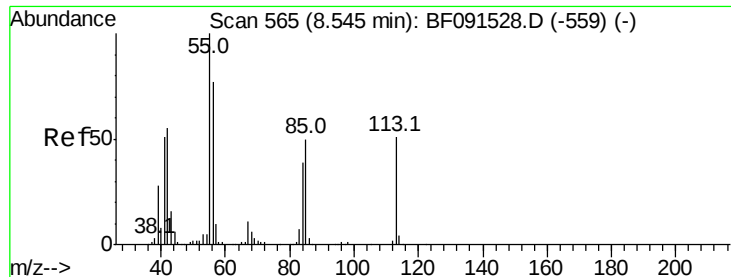


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





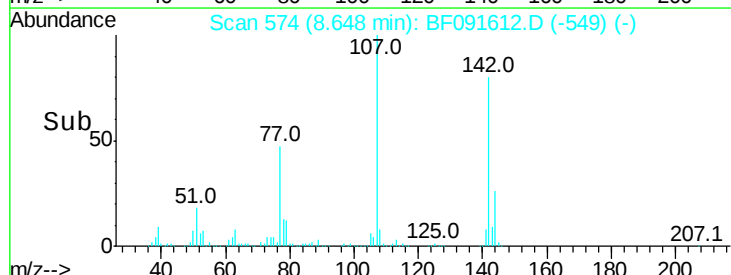
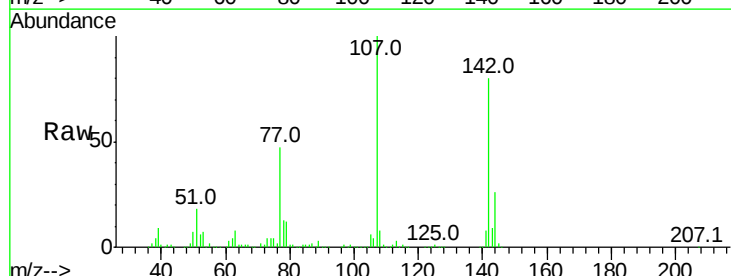
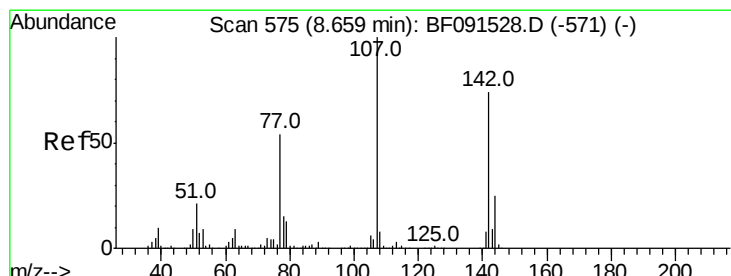
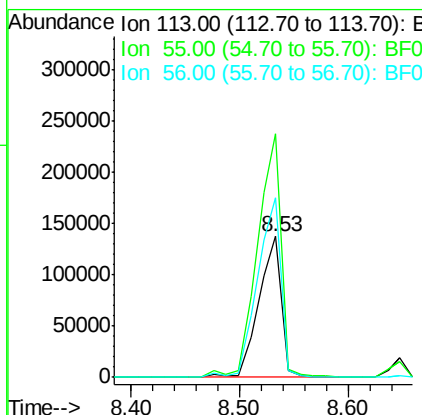
#35
Caprolactam
Concen: 42.78 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	172.5	239.8	279.8#	
56	127.2	165.6	205.6#	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

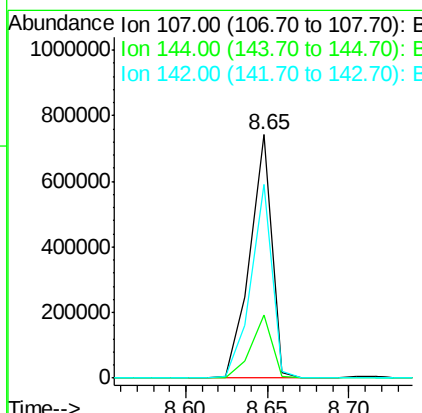
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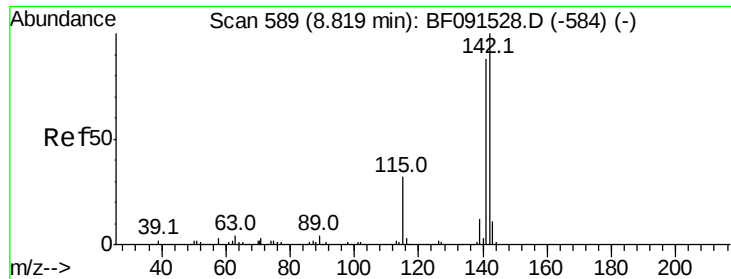
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#36
4-Chloro-3-methylphenol
Concen: 38.94 ng
RT: 8.65 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.1	18.9	28.3	
142	79.7	58.5	87.7	





#37

2-Methylnaphthalene

Concen: 37.61 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

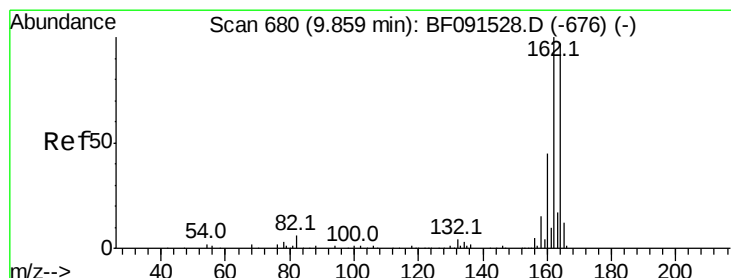
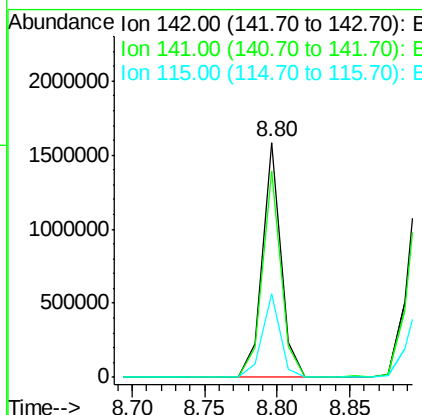
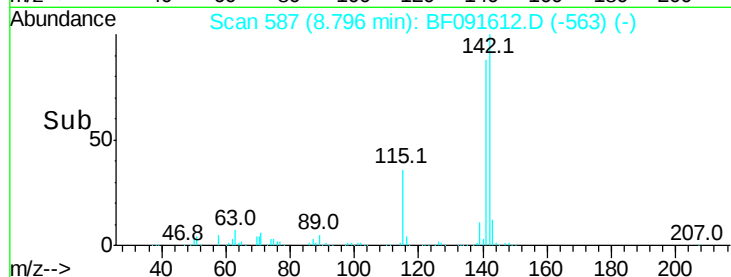
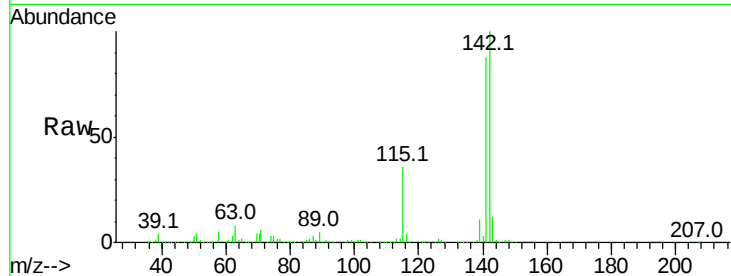
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1415673

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.7	107.5
115	35.7	25.0	37.6

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

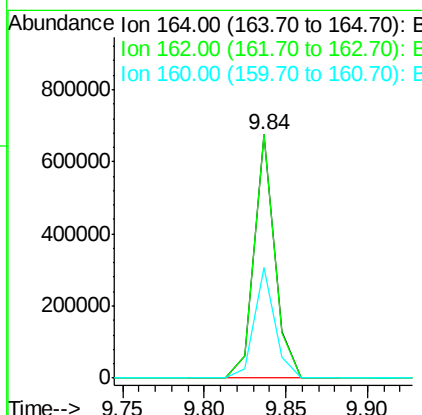
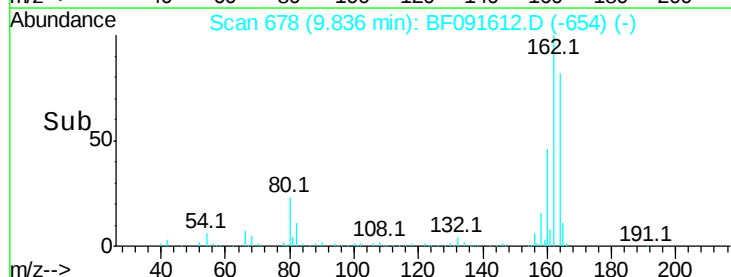
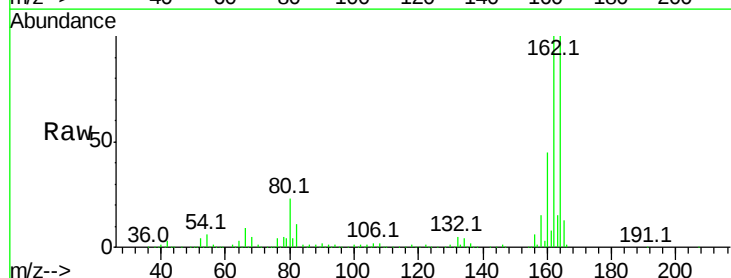
Delta R.T. -0.02 min

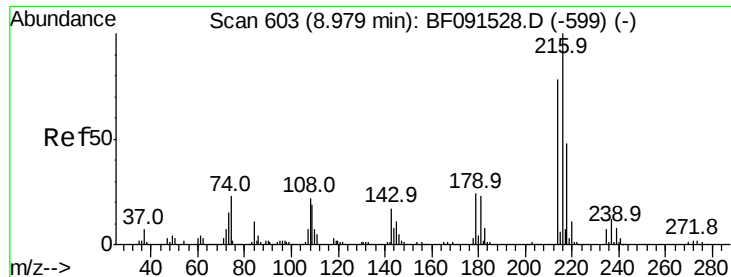
Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Tgt Ion:164 Resp: 592819

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.6	124.0
160	45.2	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.38 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

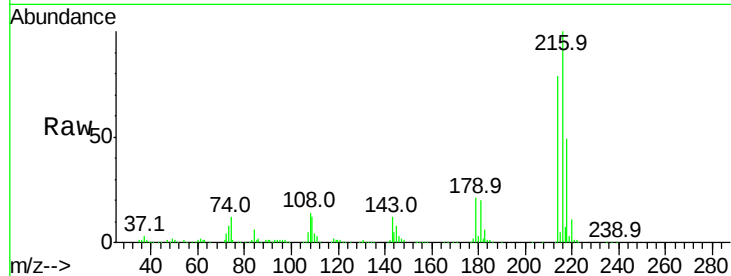
ClientSampleId :

SSTDCCC040

Tot Ion:	216	Resp:	689070
Ion Ratio		Lower	Upper
216	100		
214	79.9	63.8	95.8
179	22.6	18.2	27.2
108	18.9	17.2	25.8

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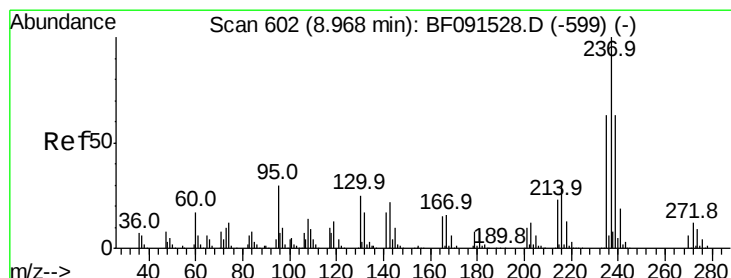
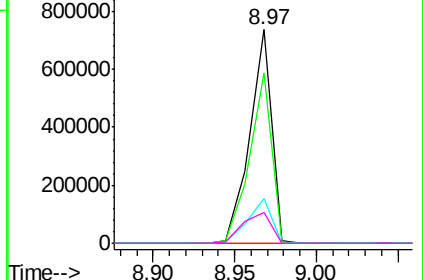
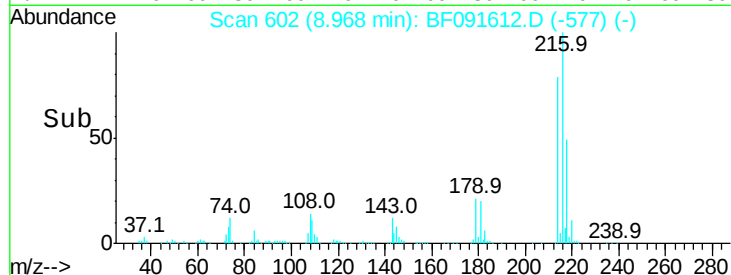


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 11.53 ng

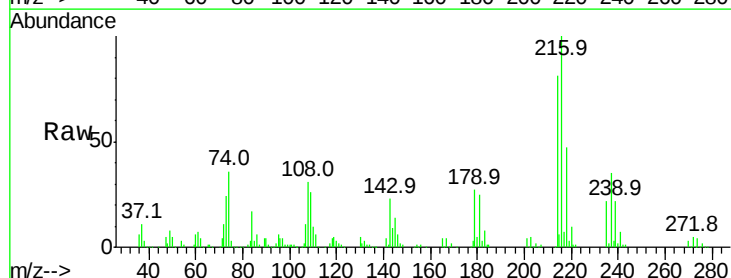
RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

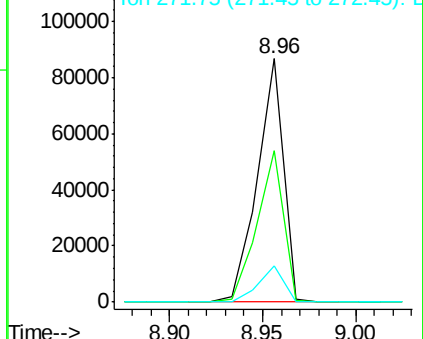
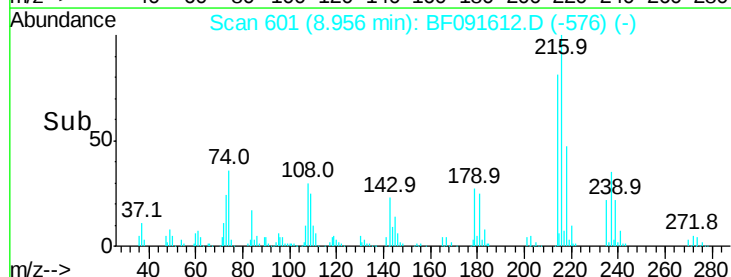
Tgt Ion:	237	Resp:	83580
Ion Ratio		Lower	Upper
237	100		
235	62.1	43.9	83.9
272	14.9	0.0	33.1

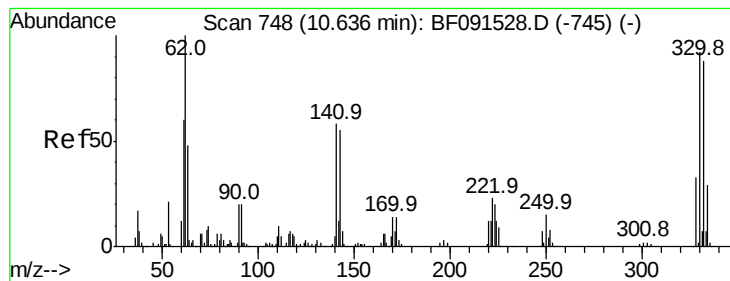


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 62.73 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

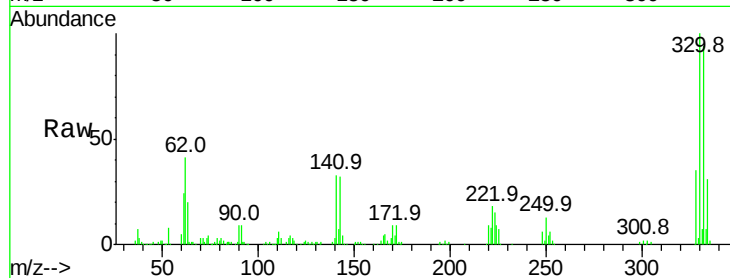
ClientSampleId :

SSTDCCC040

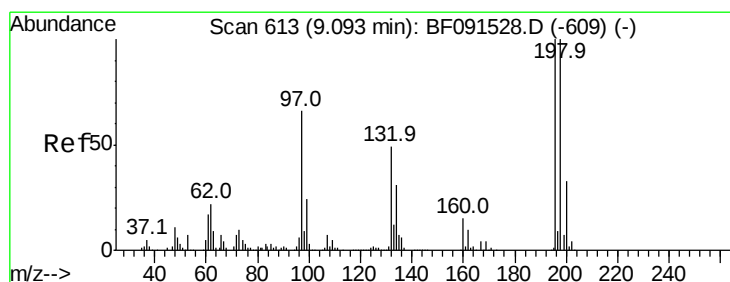
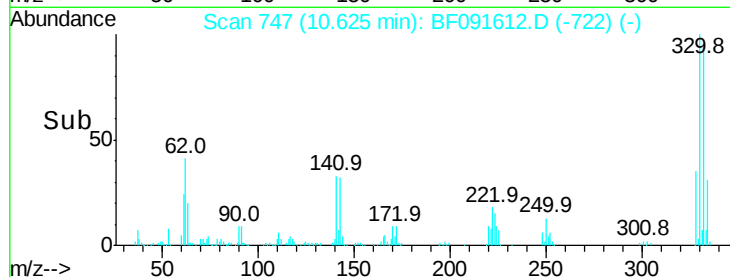
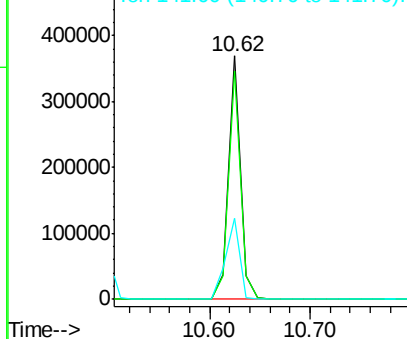
Tot Ion:	330	Resp:	308878
Ion Ratio	Lower	Upper	
330	100		
332	93.9	76.2	114.4
141	39.0	33.6	50.4

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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: 37.57 ng m

RT: 9.08 min Scan# 612

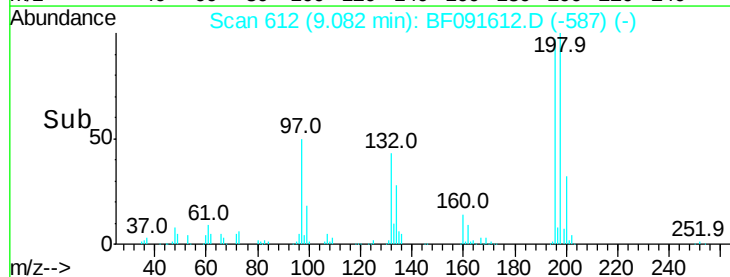
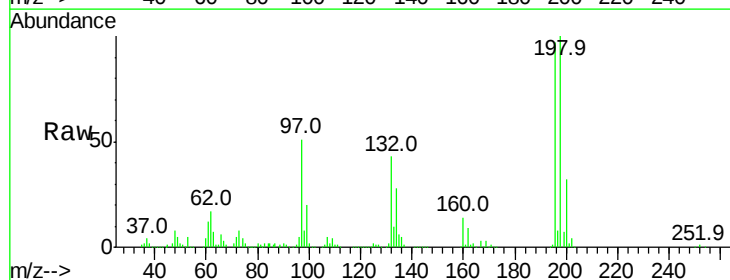
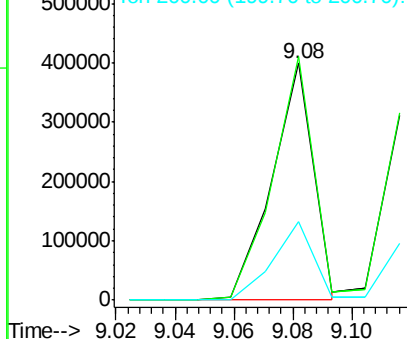
Delta R.T. -0.01 min

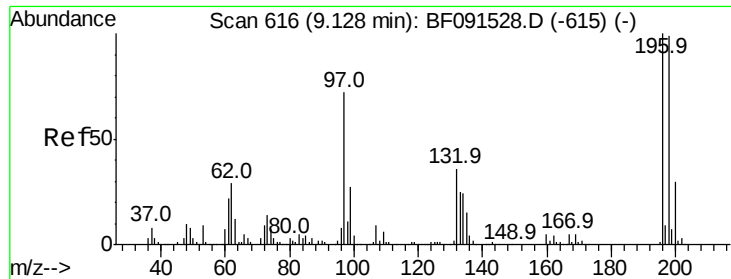
Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Tgt Ion:	196	Resp:	392461
Ion Ratio	Lower	Upper	
196	100		
198	102.8	77.4	116.0
200	32.9	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





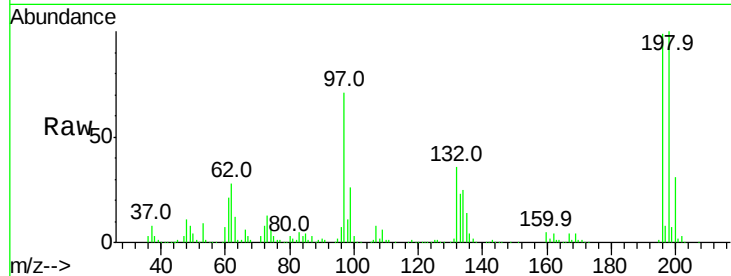
#43
2,4,5-Trichlorophenol
Concen: 34.30 ng/ml
RT: 9.12 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	368238		
198	101.3	77.0	115.6	
97	71.7	33.5	50.3	
132	36.9	20.5	30.7	

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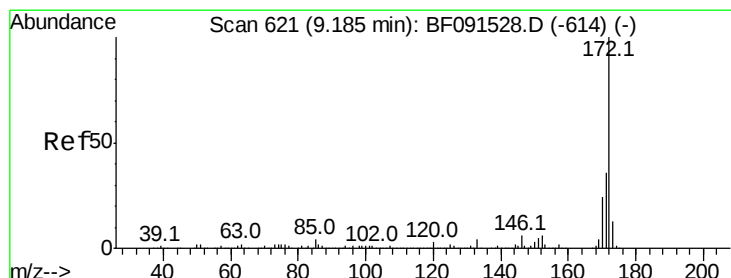
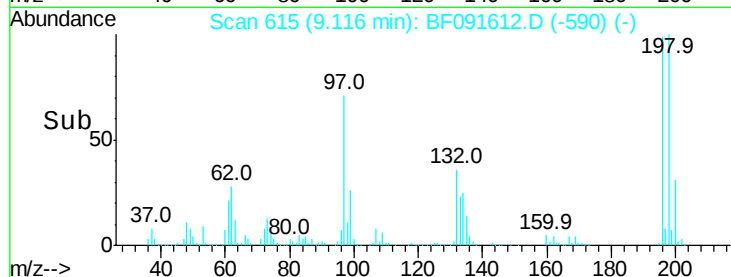
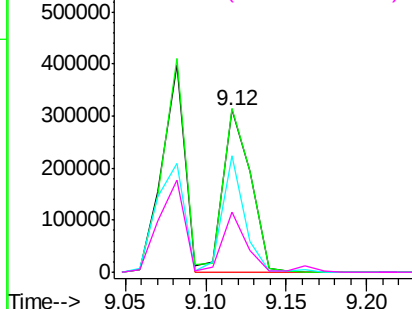
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 71.29 ng/ml
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

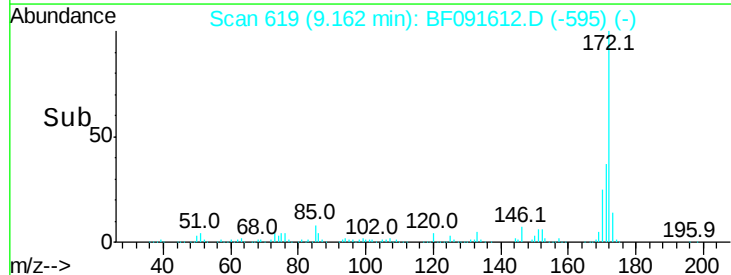
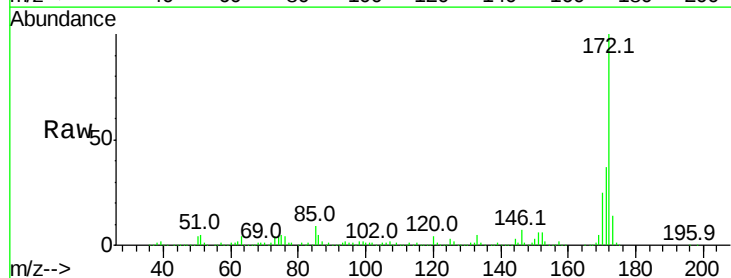
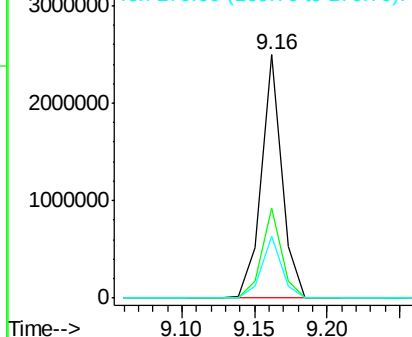
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2445718		
171	37.0	29.4	44.0	
170	25.4	19.7	29.5	

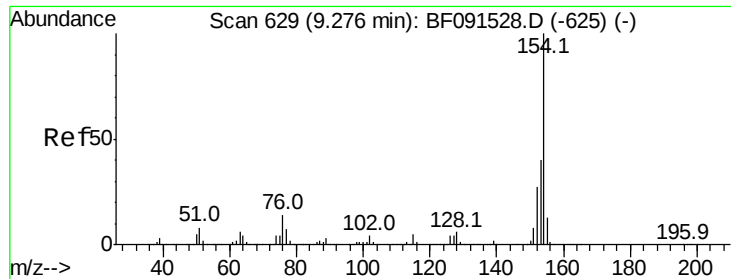
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





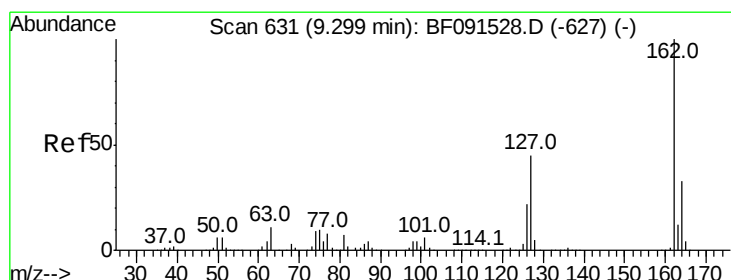
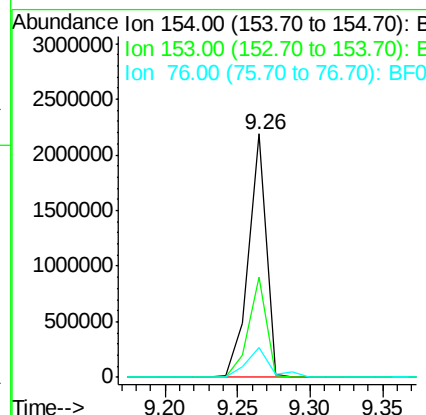
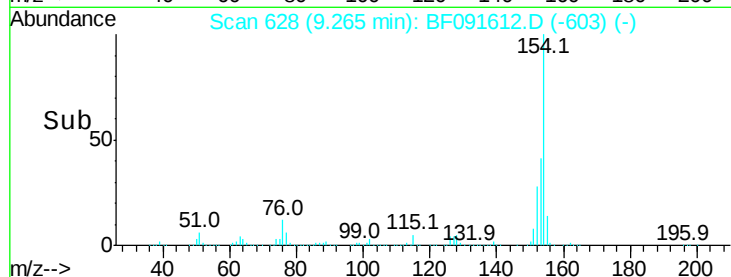
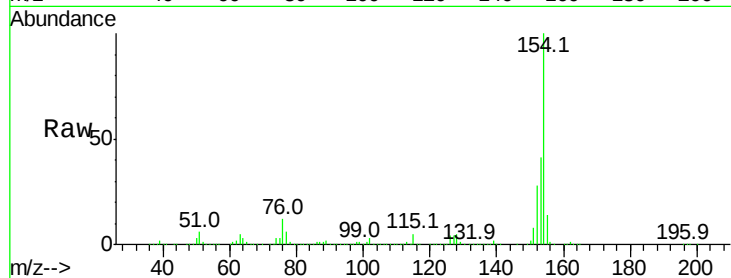
#45
 1,1'-Biphenyl
 Concen: 43.53 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF091612.D
 Acq: 15 Dec 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.6	60.6
76	12.1	0.0	36.6

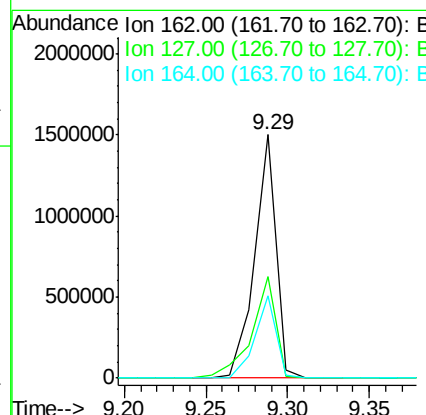
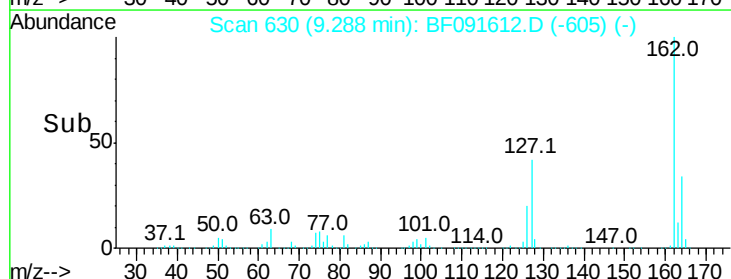
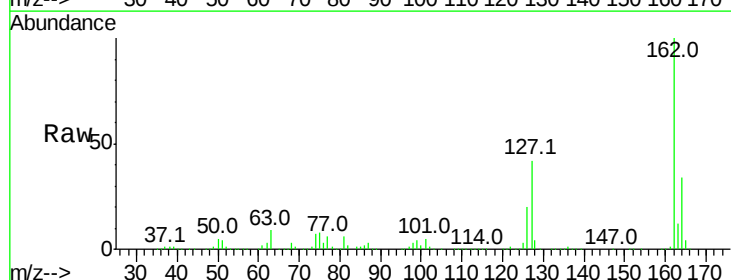
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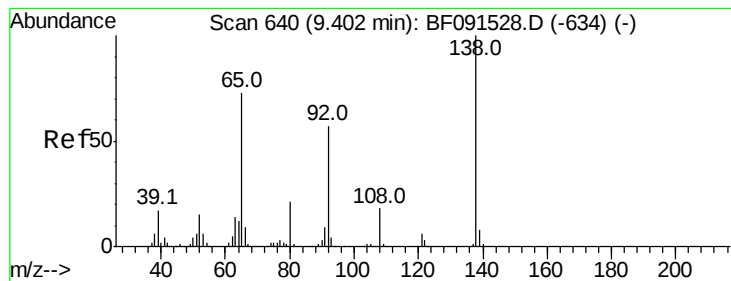
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#46
 2-Chloronaphthalene
 Concen: 41.16 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF091612.D
 Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.3	51.5
164	33.9	26.6	40.0





#47

2-Nitroaniline

Concen: 37.92 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

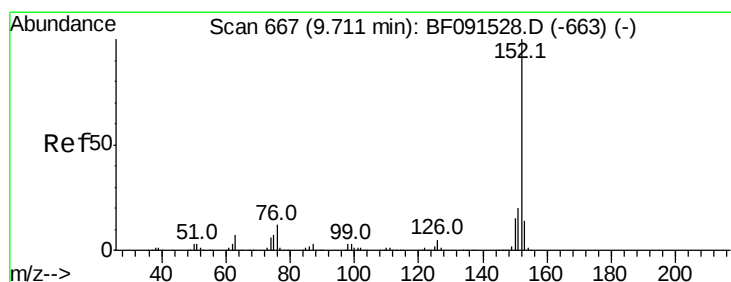
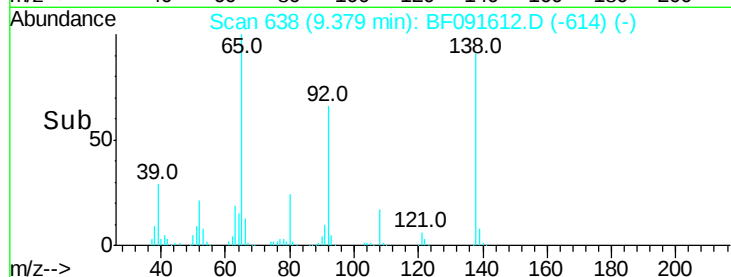
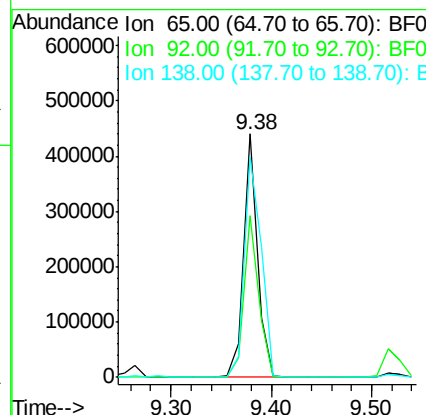
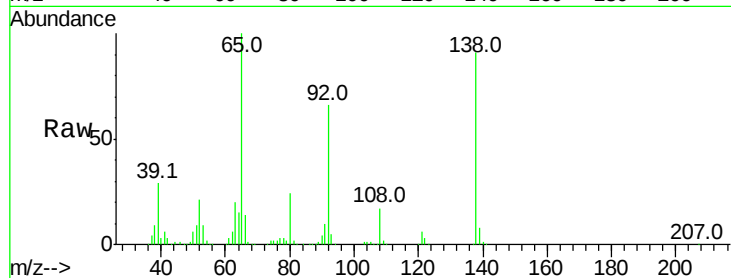
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	423943
Ion Ratio	Lower	Upper	
65	100		
92	66.3	53.6	80.4
138	90.5	91.0	136.6

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#48

Acenaphthylene

Concen: 40.42 ng

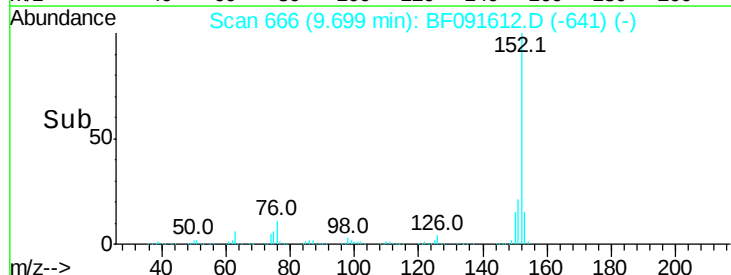
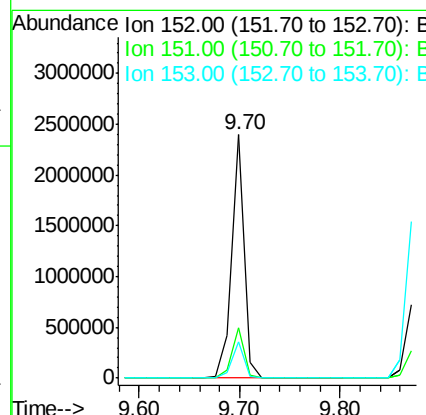
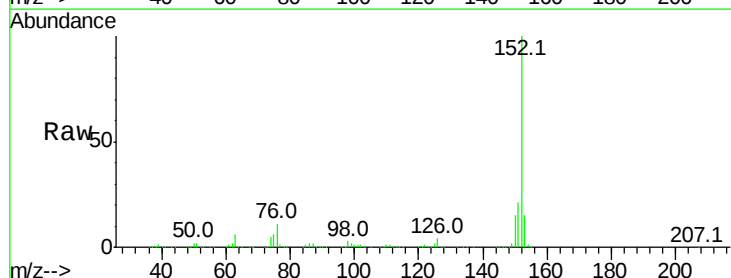
RT: 9.70 min Scan# 666

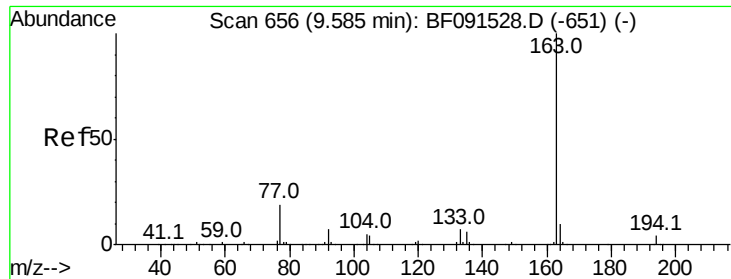
Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Tgt Ion:	152	Resp:	2048831
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.6	24.8
153	14.7	10.7	16.1





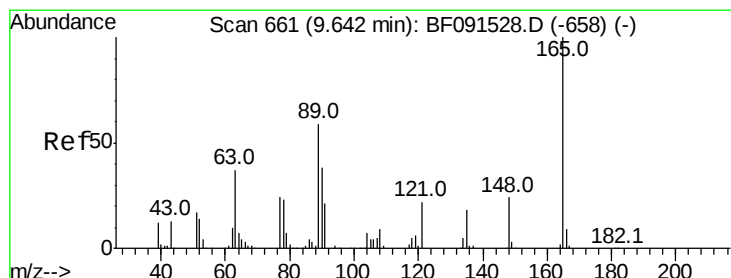
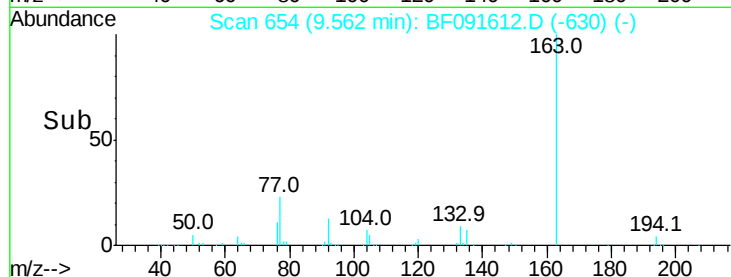
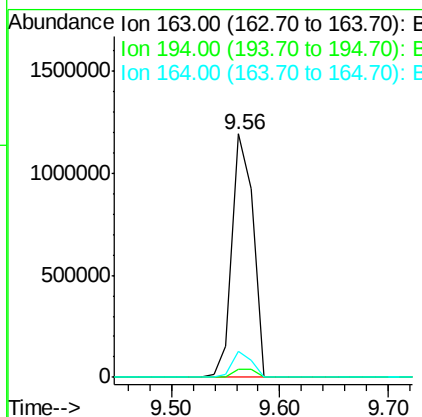
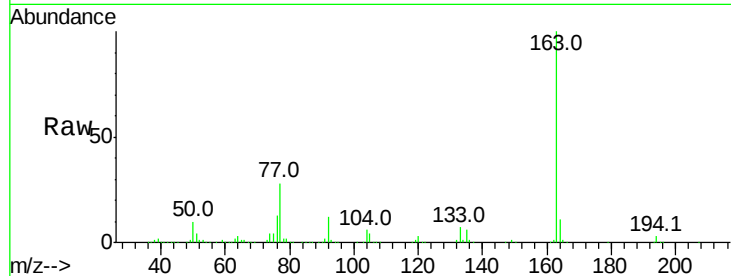
#49
Dimethylphthalate
Concen: 41.77 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1567794
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.9 7.8 11.8

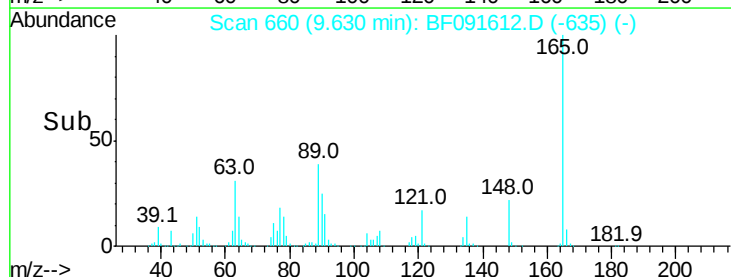
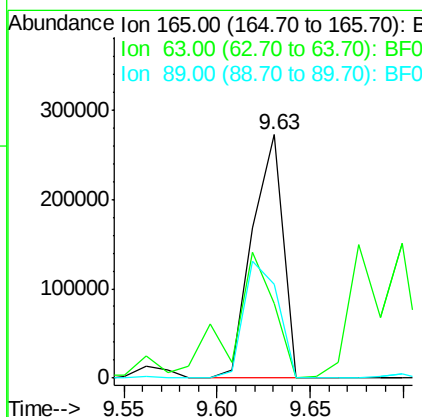
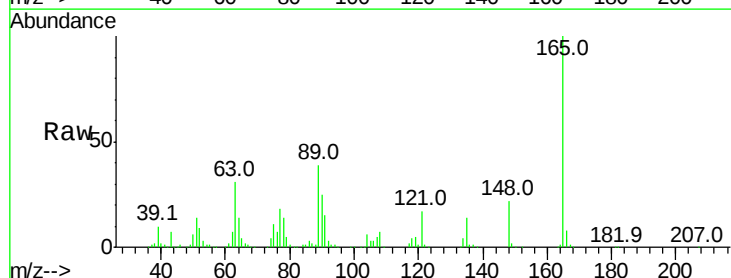
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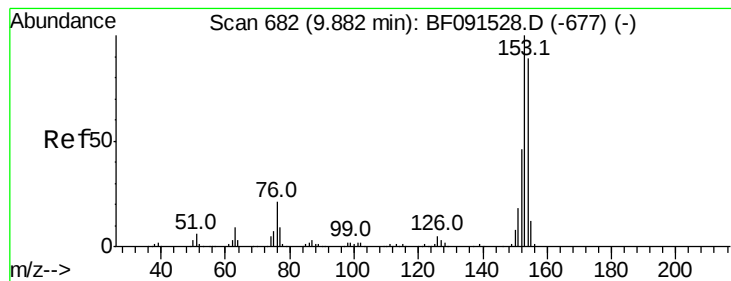
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#50
2,6-Dinitrotoluene
Concen: 37.50 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion:165 Resp: 308937
Ion Ratio Lower Upper
165 100
63 30.7 59.4 89.0#
89 38.5 50.8 76.2#





#51

Acenaphthene

Concen: 34.52 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1215338

Ion Ratio Lower Upper

154 100

153 111.5 91.0 136.6

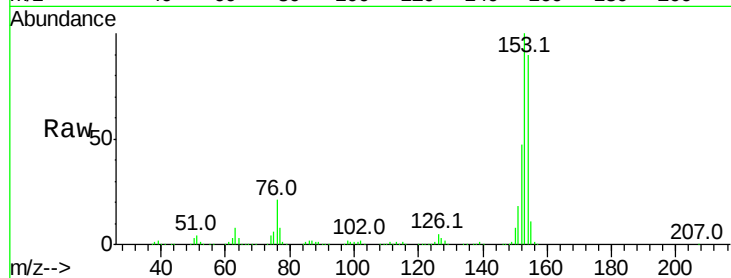
152 52.0 44.2 66.2

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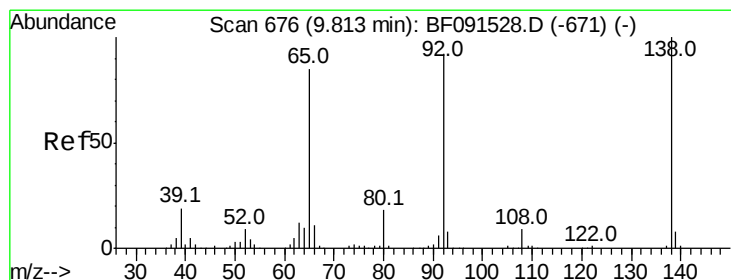
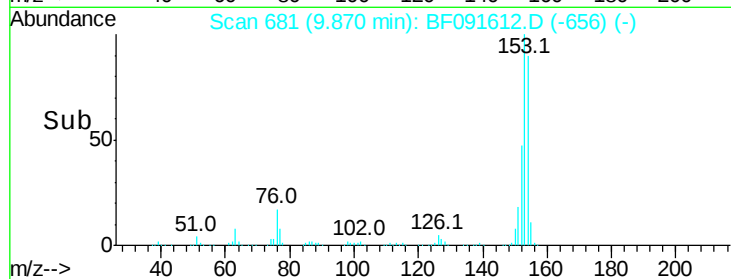
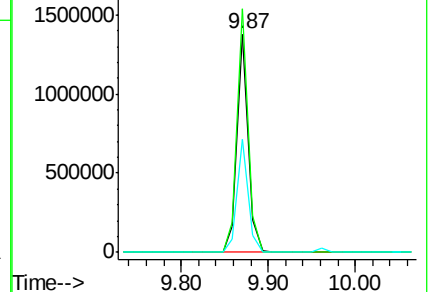
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.57 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

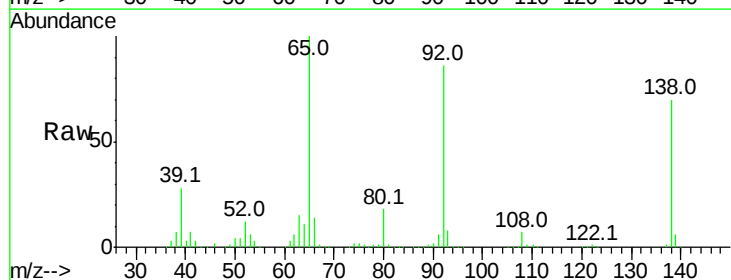
Tgt Ion:138 Resp: 402272

Ion Ratio Lower Upper

138 100

108 10.5 8.1 12.1

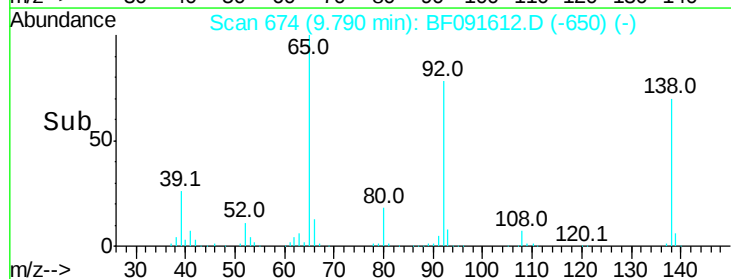
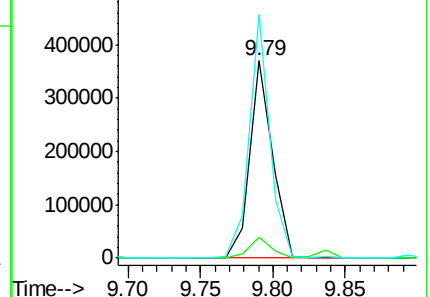
92 123.6 92.5 138.7

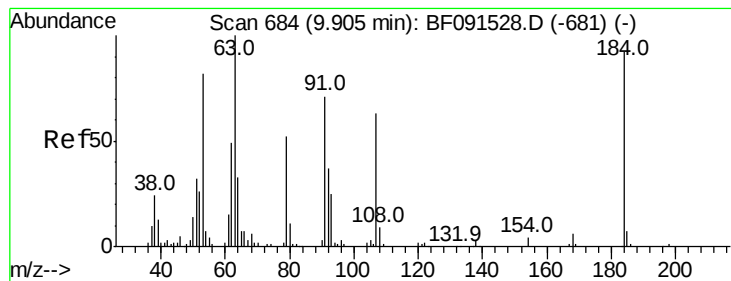


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 7.28 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 16073

Ion Ratio Lower Upper

184 100

63 76.3 58.3 87.5

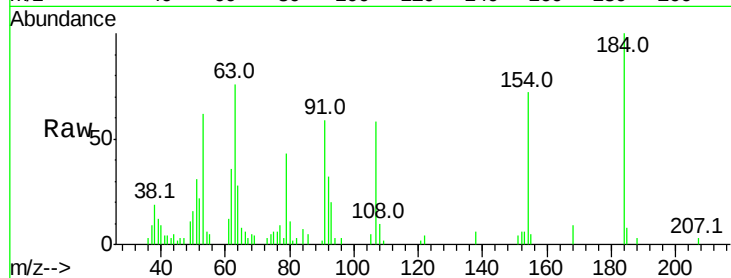
154 72.0 48.6 73.0

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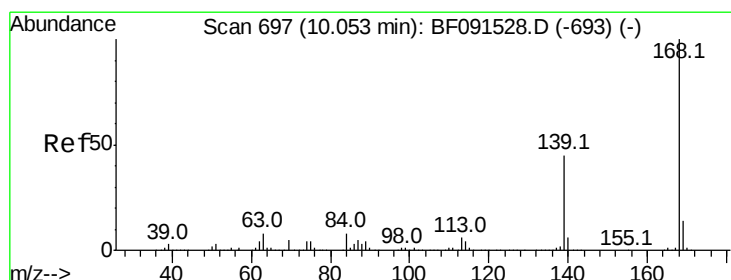
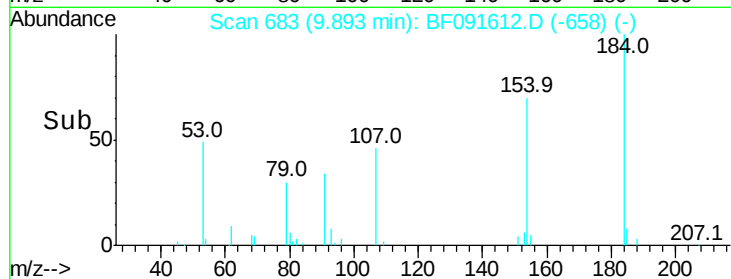
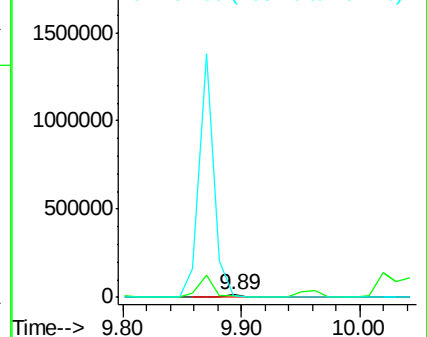
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.62 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

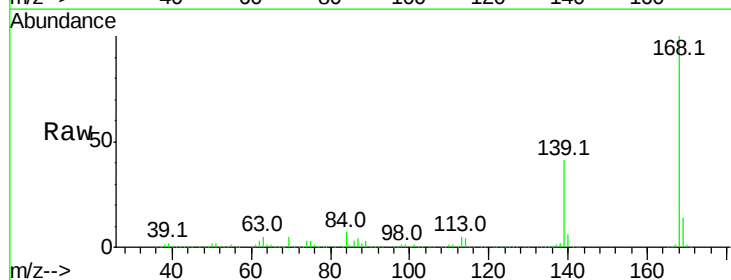
Tgt Ion:168 Resp: 1725783

Ion Ratio Lower Upper

168 100

139 41.3 33.4 50.2

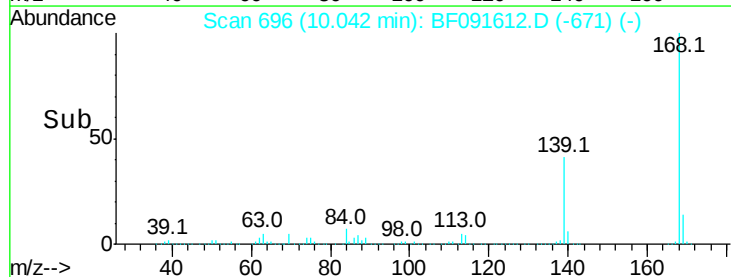
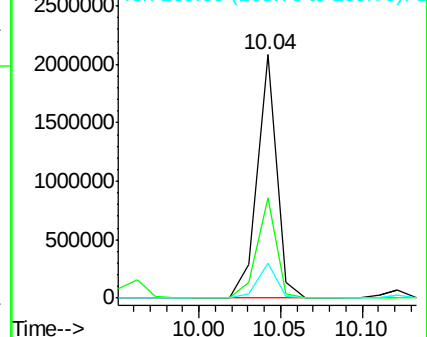
169 14.2 11.1 16.7

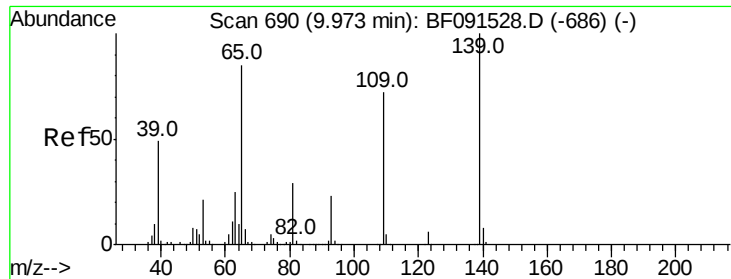


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 24.48 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 176256
Ion Ratio Lower Upper

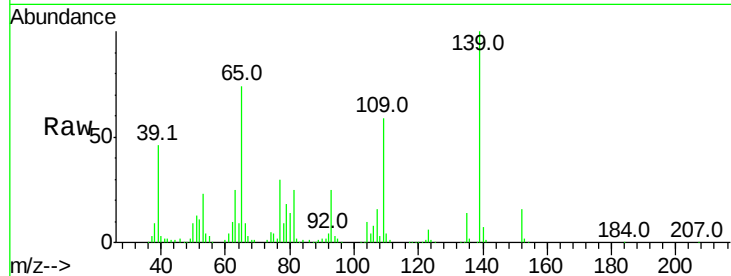
139 100

109 59.4 54.9 94.9

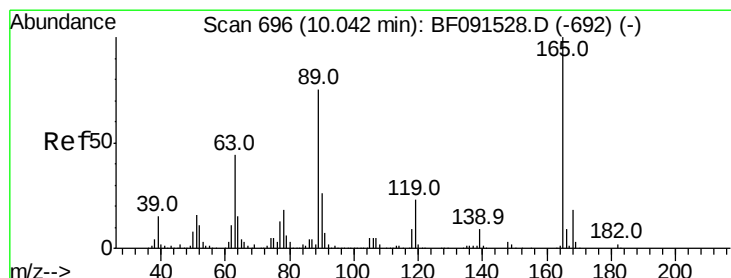
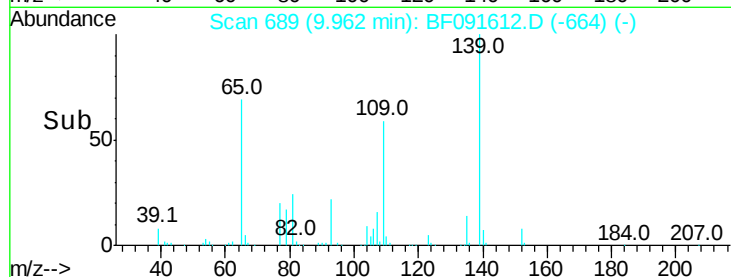
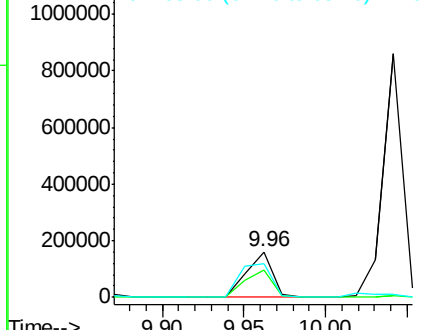
65 74.4 102.2 142.2#

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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: 35.01 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Tgt Ion:165 Resp: 361532
Ion Ratio Lower Upper

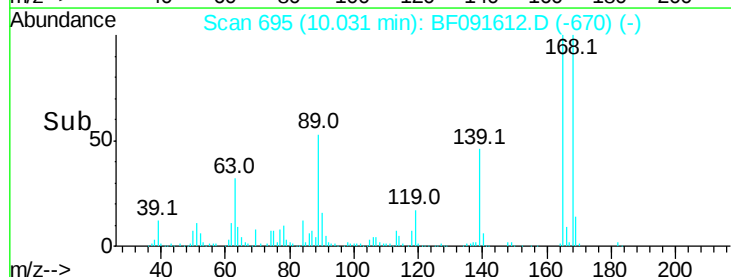
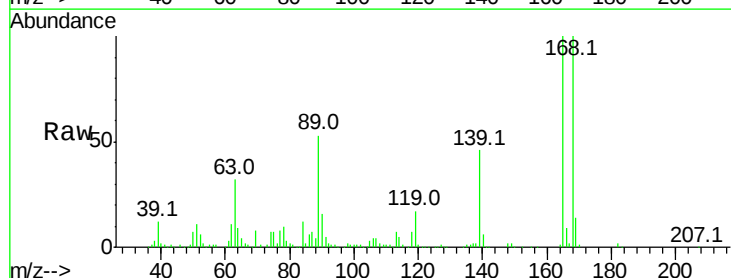
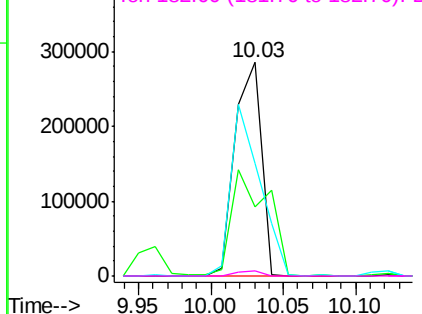
165 100

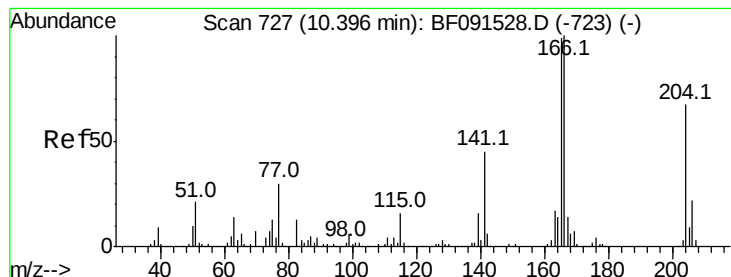
63 32.2 29.0 43.4

89 52.9 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





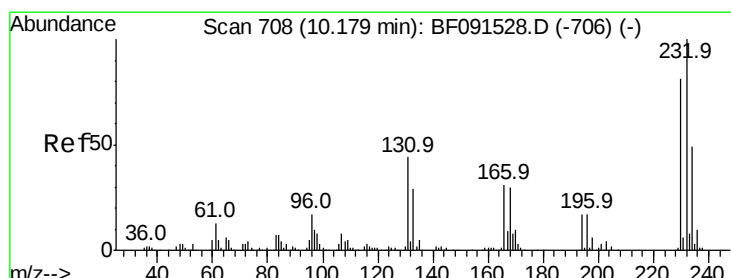
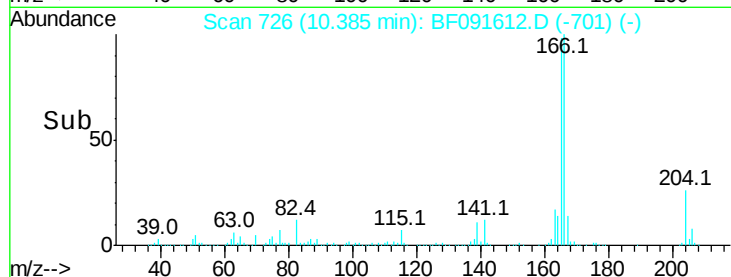
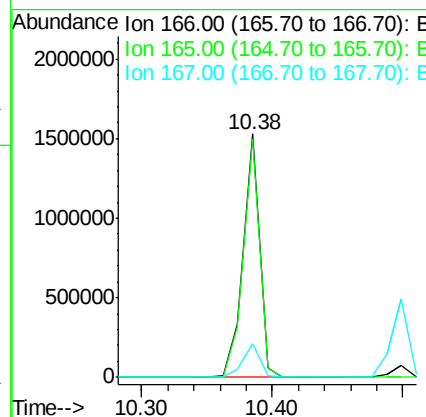
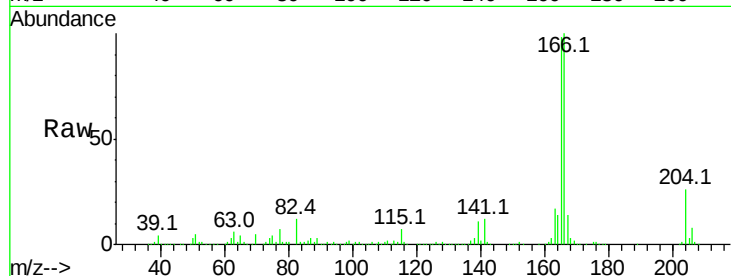
#57
Fluorene
 Concen: 42.30 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF091612.D
 Acq: 15 Dec 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	166	Resp:	1325760
Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.0	120.0
167	13.9	10.8	16.2

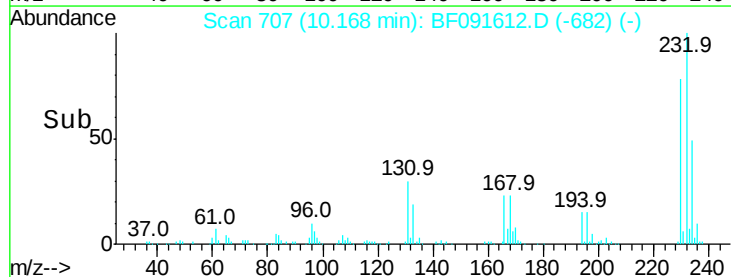
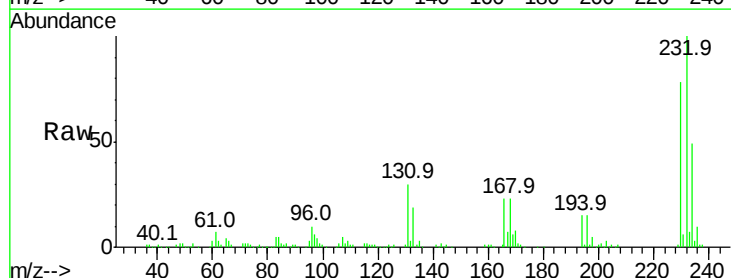
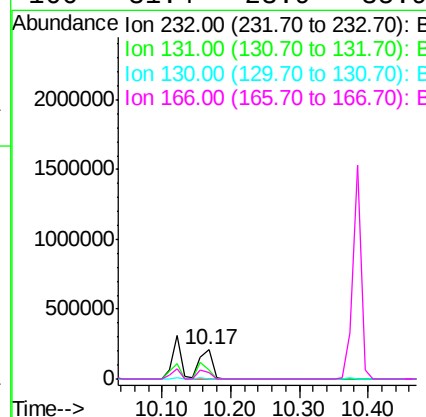
Manual Integrations
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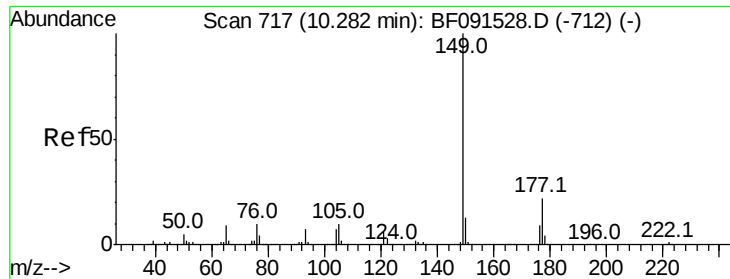
sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.47 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF091612.D
 Acq: 15 Dec 2016 6:14

Tgt Ion:	232	Resp:	264534
Ion	Ratio	Lower	Upper
232	100		
131	49.3	38.4	57.6
130	2.2	1.8	2.8
166	31.4	23.9	35.9





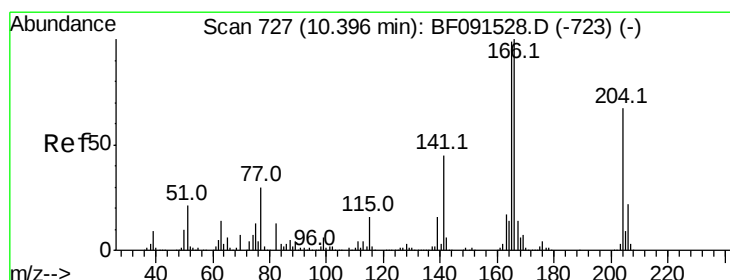
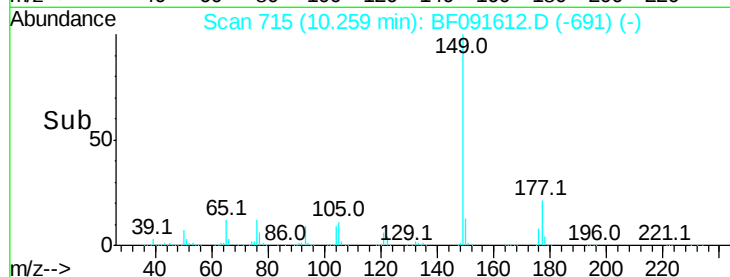
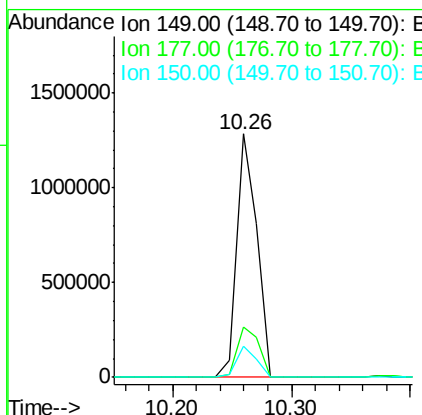
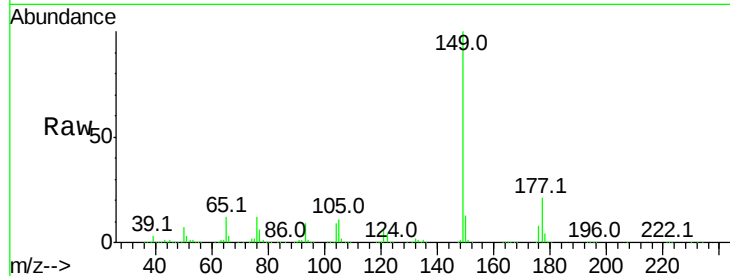
#59
Diethylphthalate
Concen: 41.71 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1507736
Ion Ratio Lower Upper
149 100
177 20.8 15.7 23.5
150 13.0 10.2 15.2

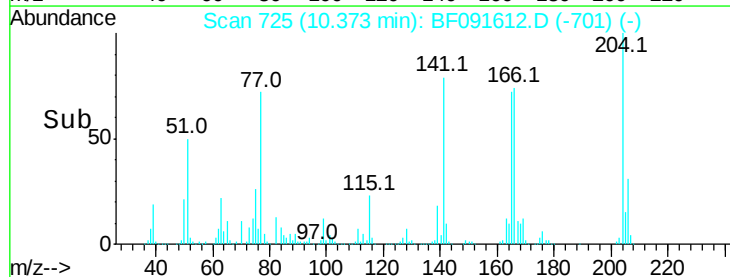
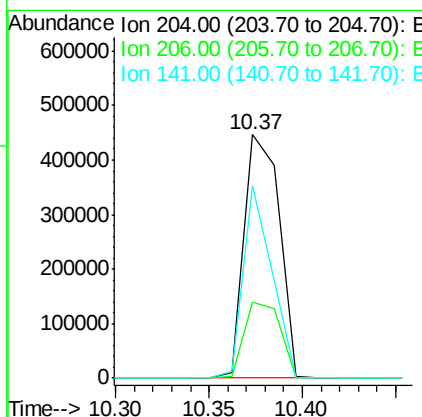
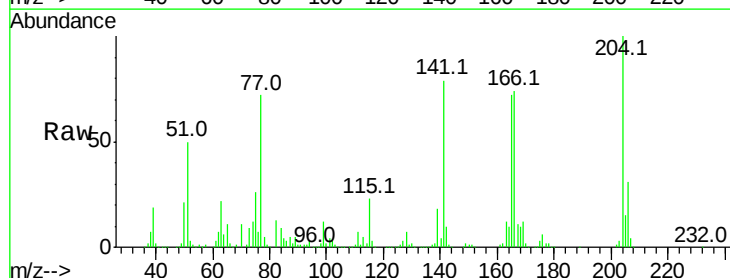
Manual Integrations
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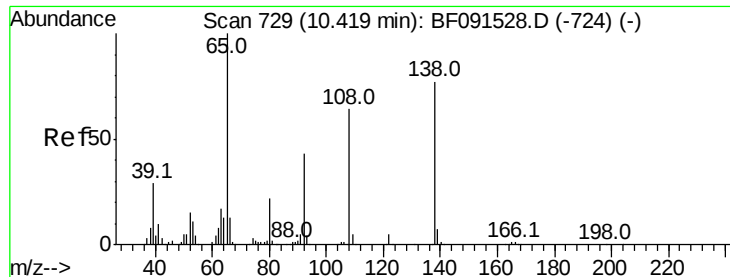
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#60
4-Chlorophenyl-phenylether
Concen: 37.24 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion:204 Resp: 583168
Ion Ratio Lower Upper
204 100
206 31.3 26.1 39.1
141 79.2 40.6 61.0#





#61

4-Nitroaniline

Concen: 47.51 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

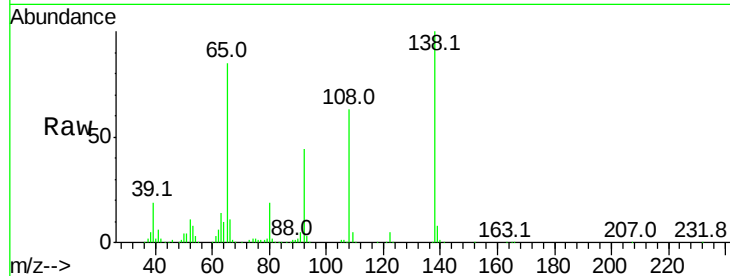
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.8	26.9	66.9
108	62.8	49.1	89.1

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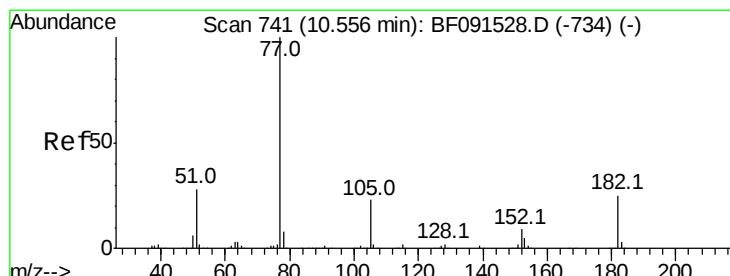
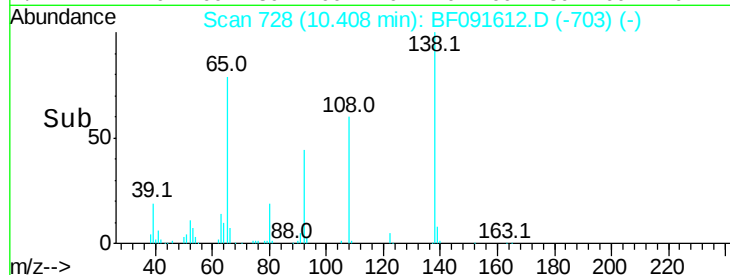
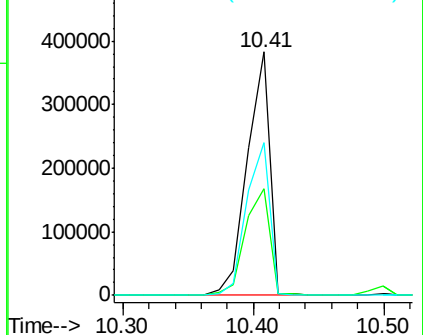


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.19 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.4	12.5	52.5
105	22.4	3.7	43.7
51	29.6	11.9	51.9

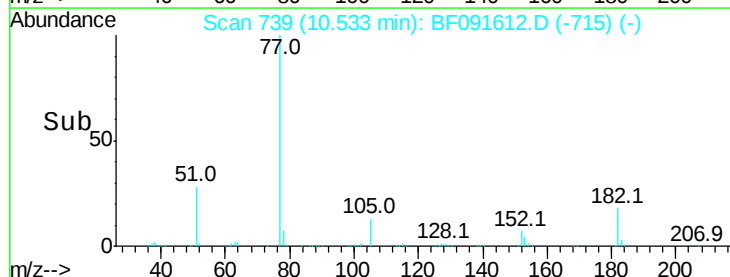
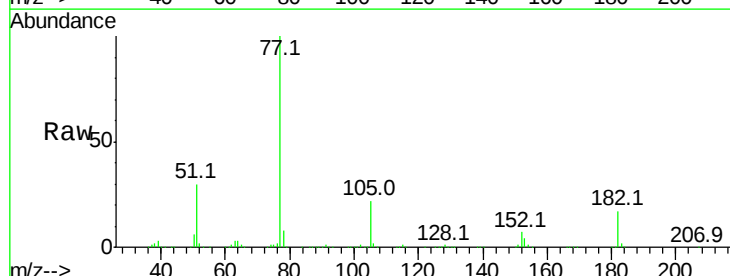
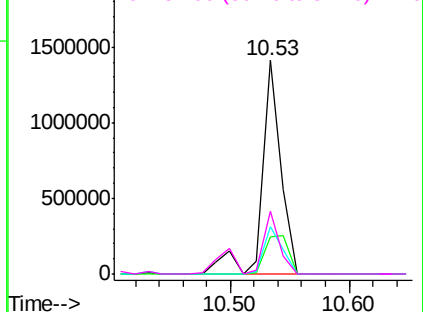
Abundance

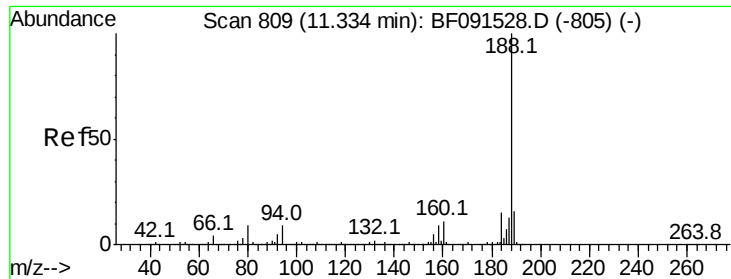
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





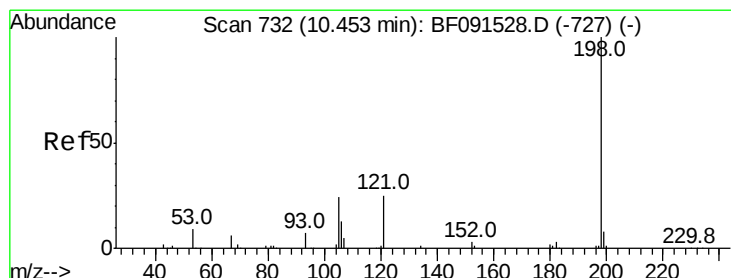
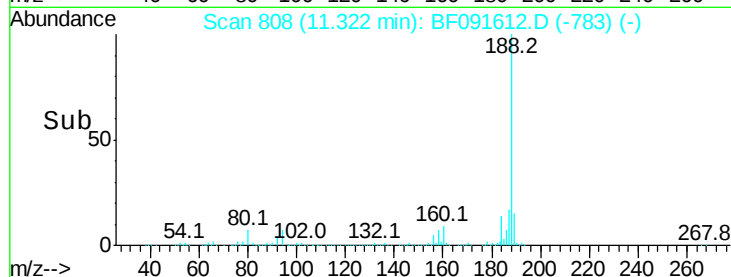
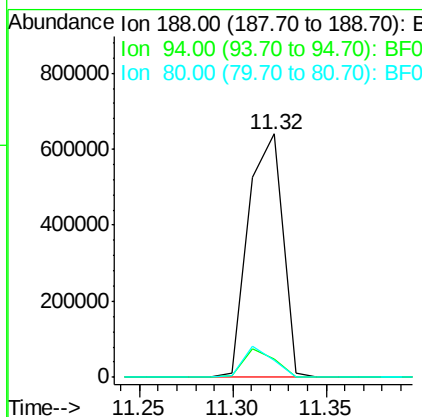
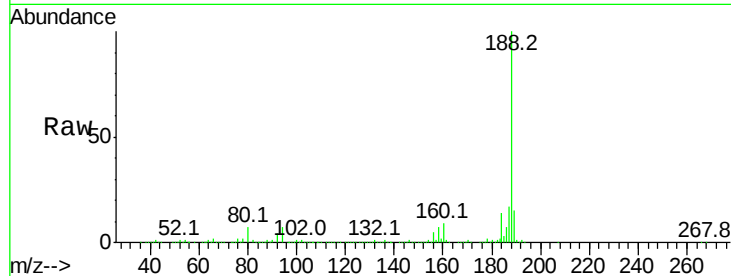
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	817422		
94	7.4	9.2	13.8#	
80	7.2	10.5	15.7#	

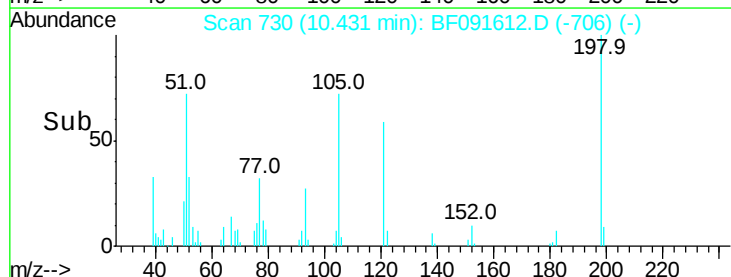
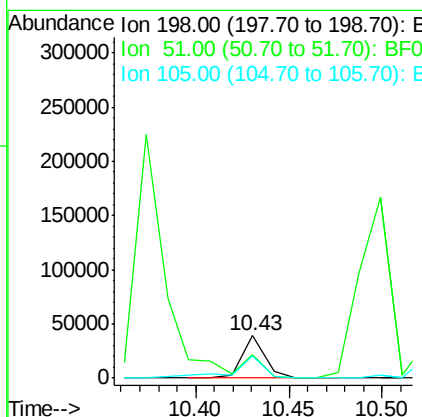
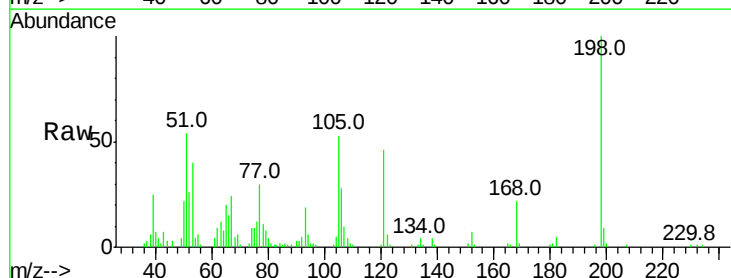
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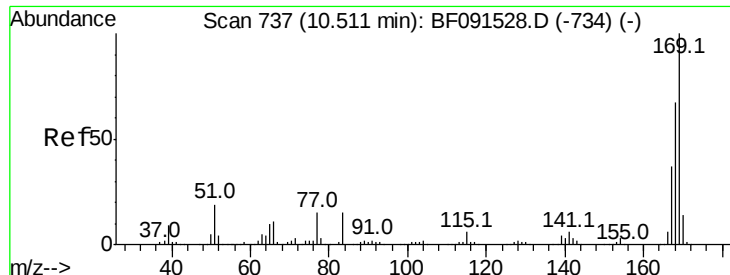
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#64
4,6-Dinitro-2-methylphenol
Concen: 9.27 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	33445		
51	54.4	77.1	117.1#	
105	53.2	44.8	84.8	





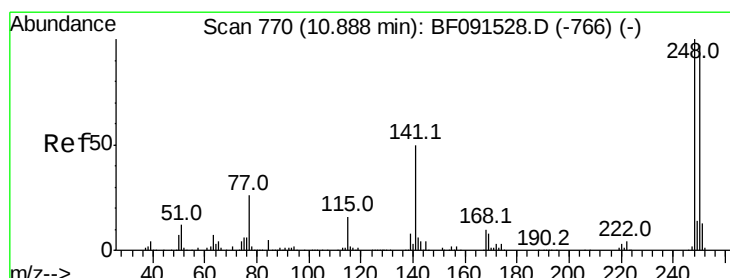
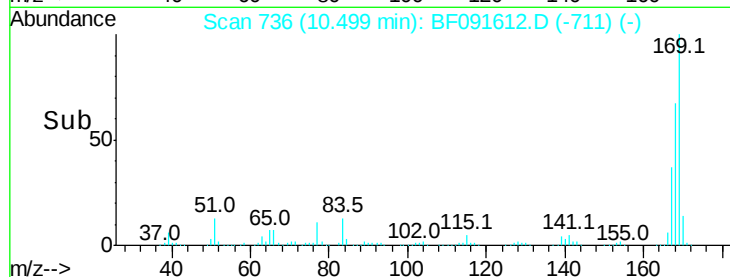
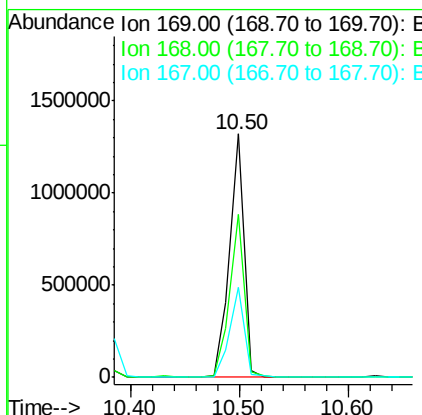
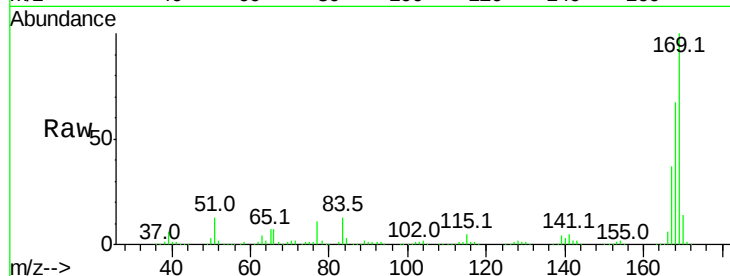
#65
n-Nitrosodiphenylamine
Concen: 50.04 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.8	80.8
167	37.1	29.8	44.8

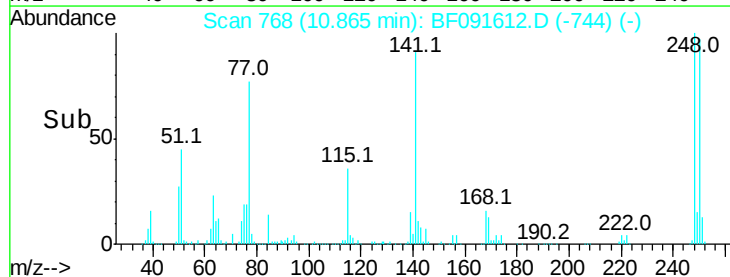
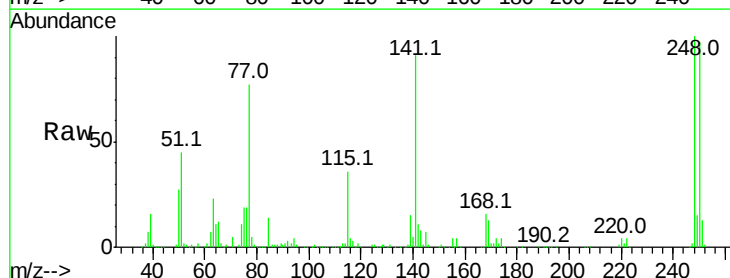
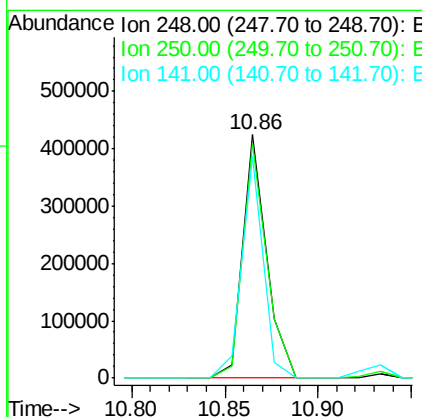
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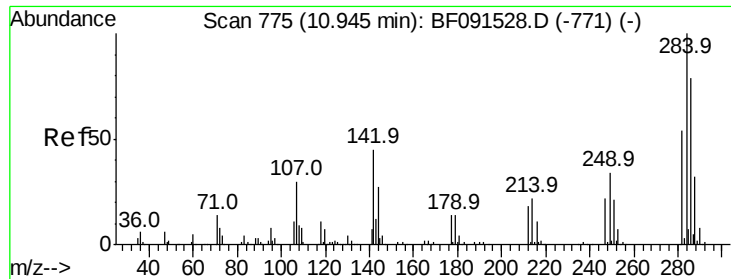
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#66
4-Bromophenyl-phenylether
Concen: 45.28 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.2	117.4
141	91.2	71.9	107.9





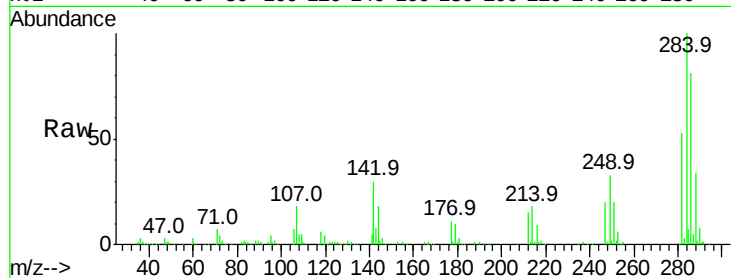
#67
Hexachlorobenzene
Concen: 45.30 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

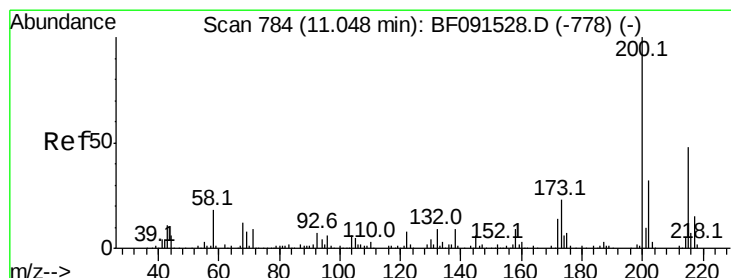
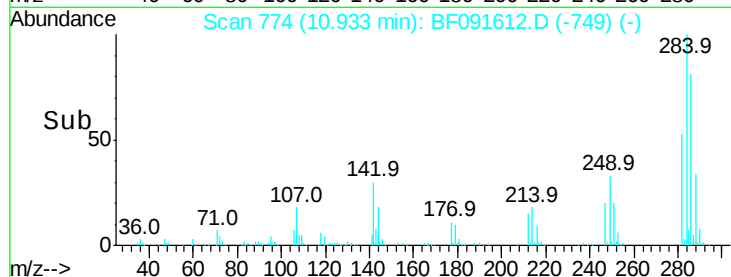
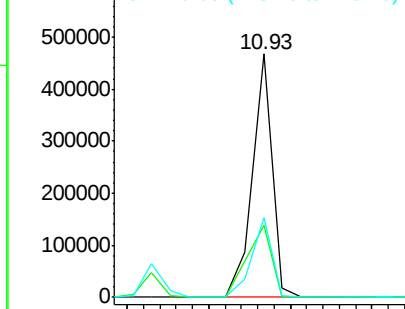
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.7	17.9	26.9	
249	32.6	23.6	35.4	

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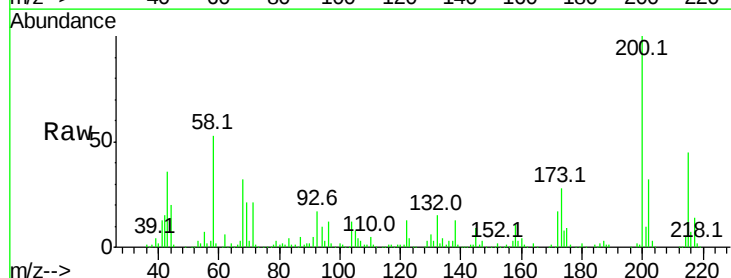


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

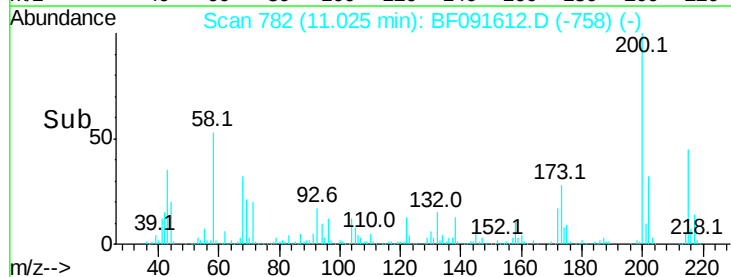
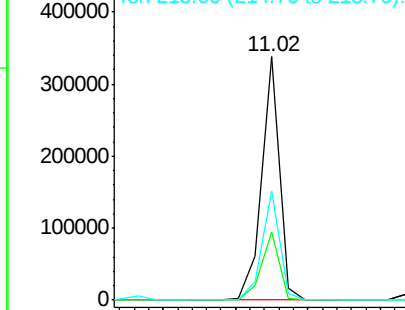


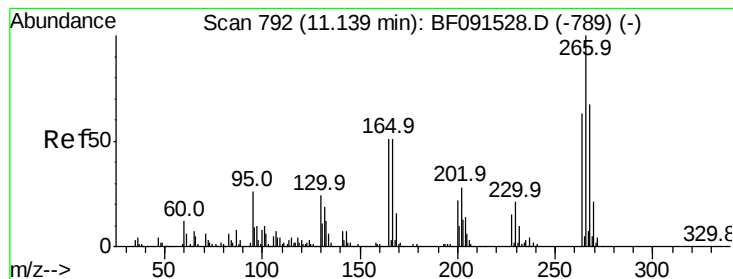
#68
Atrazine
Concen: 36.57 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	7.8	47.8	
215	44.7	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: 27.46 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

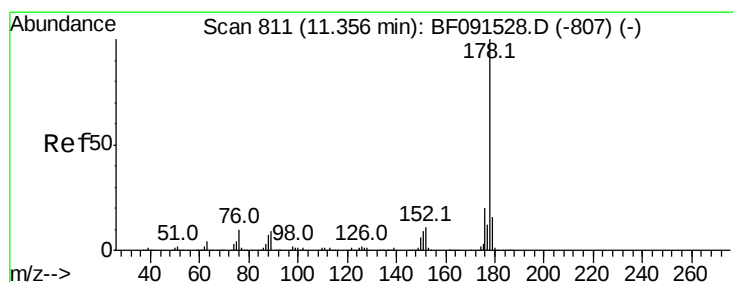
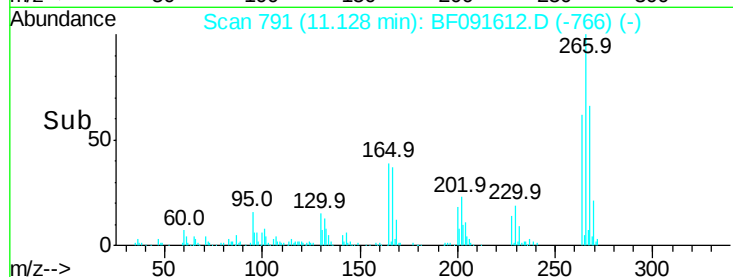
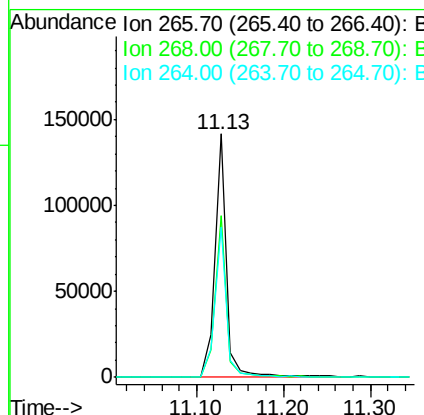
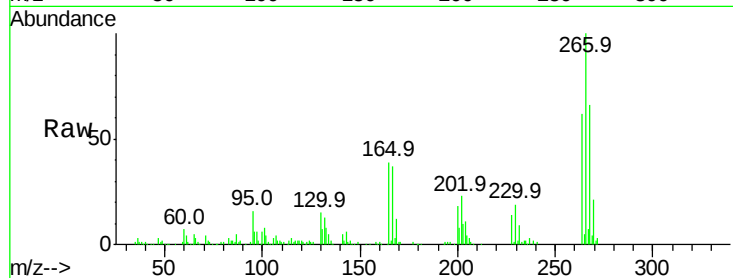
ClientSampleId :

SSTDCCC040

Tot Ion:	266	Resp:	134669
Ion Ratio	Lower	Upper	
266	100		
268	66.4	50.3	75.5
264	61.9	48.2	72.2

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#70

Phenanthrene

Concen: 45.86 ng

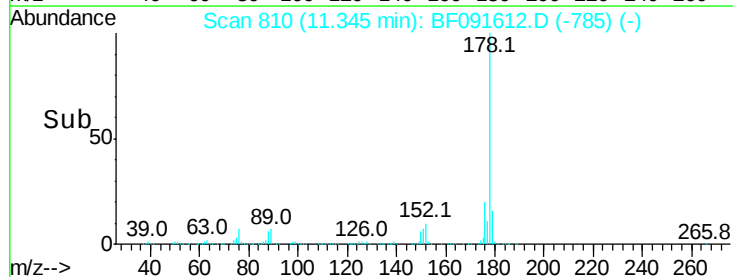
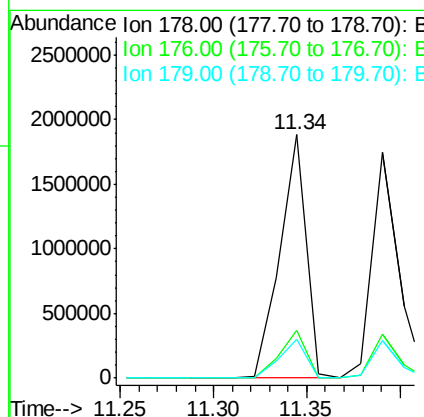
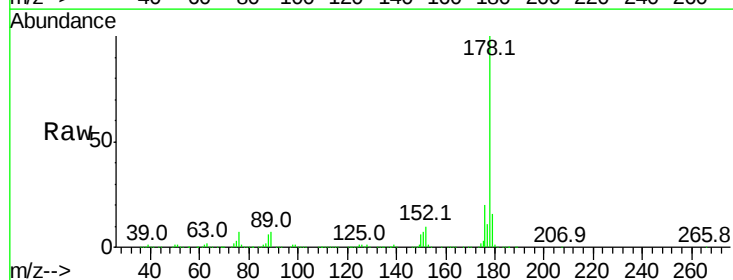
RT: 11.34 min Scan# 810

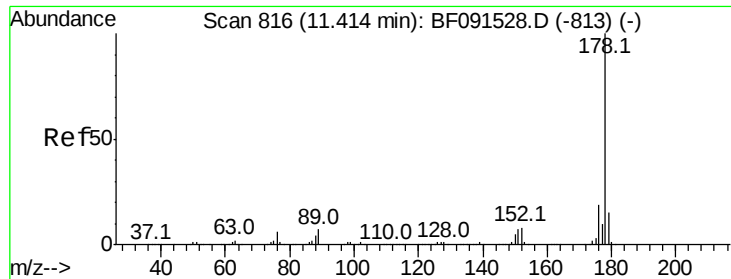
Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Tgt Ion:	178	Resp:	1856260
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.9	23.9
179	15.7	12.6	18.8





#71
 Anthracene
 Concen: 38.28 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF091612.D
 Acq: 15 Dec 2016 6:14

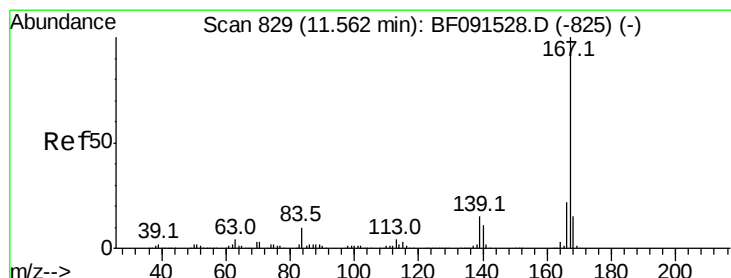
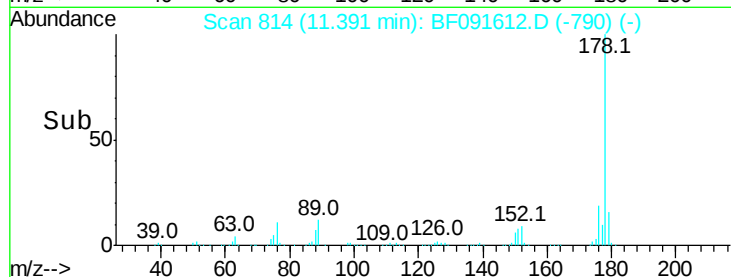
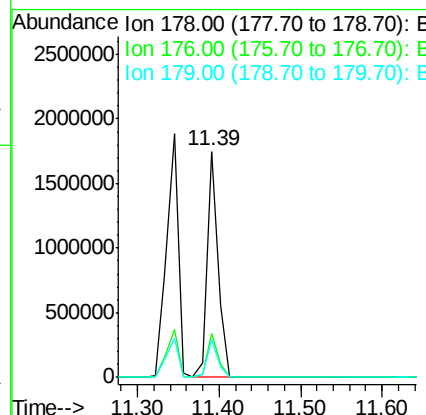
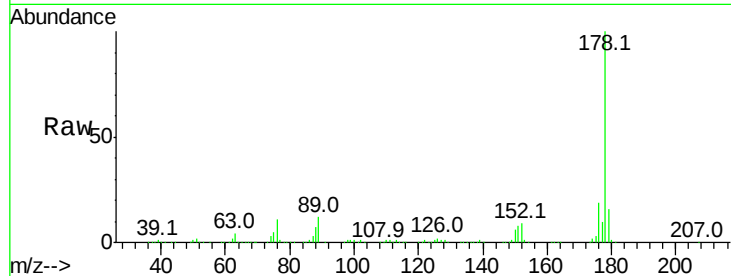
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1671401

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	16.4	12.7	19.1

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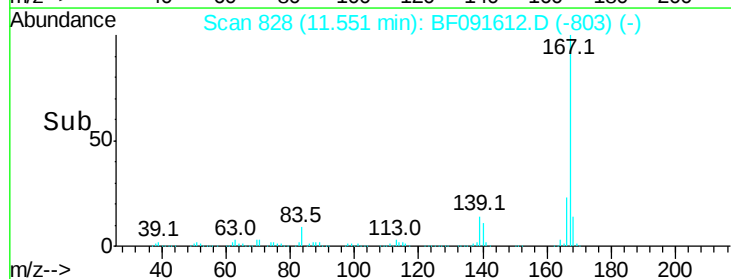
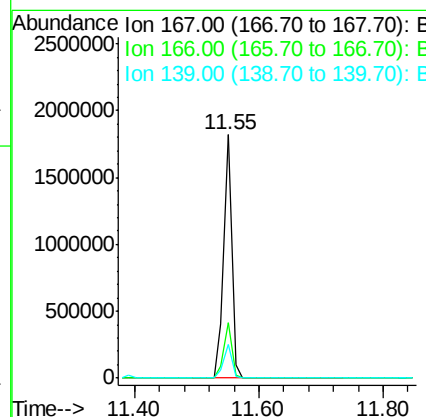
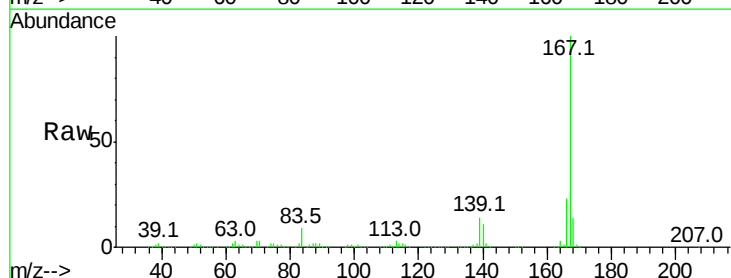
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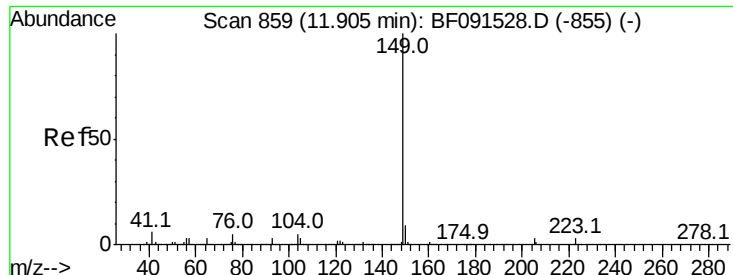


#72
 Carbazole
 Concen: 42.07 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF091612.D
 Acq: 15 Dec 2016 6:14

Tgt Ion:167 Resp: 1610056

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	13.8	11.5	17.3





#73

Di-n-butylphthalate

Concen: 48.54 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2164369

Ion Ratio Lower Upper

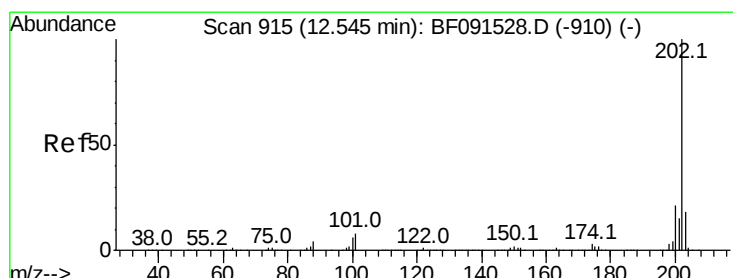
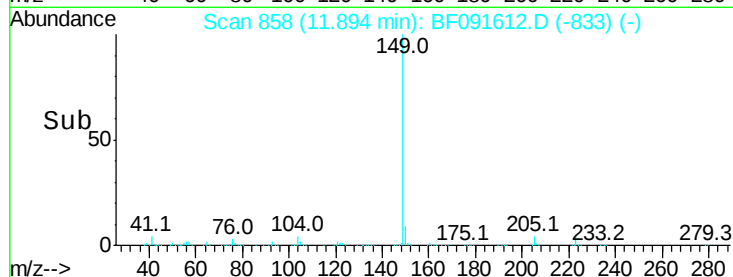
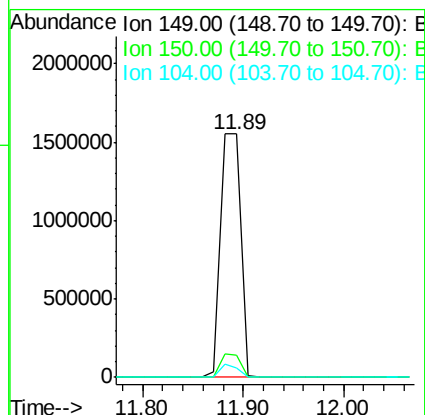
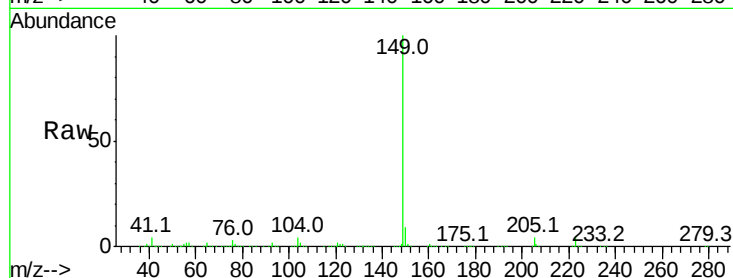
149 100

150 9.2 7.5 11.3

104 3.8 4.0 6.0#

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#74

Fluoranthene

Concen: 38.30 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

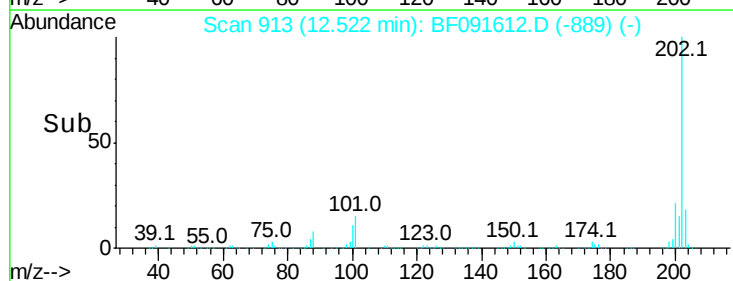
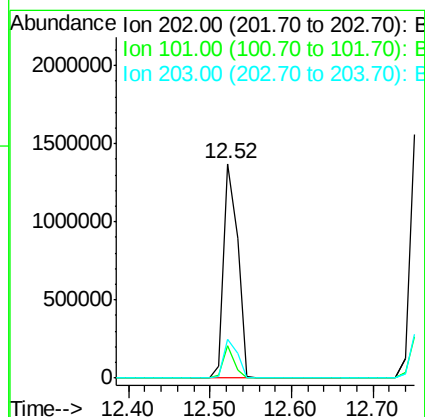
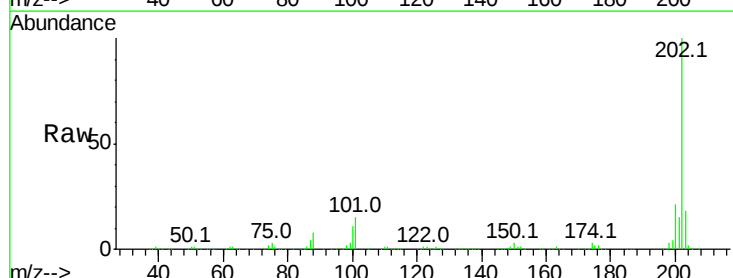
Tgt Ion:202 Resp: 1623203

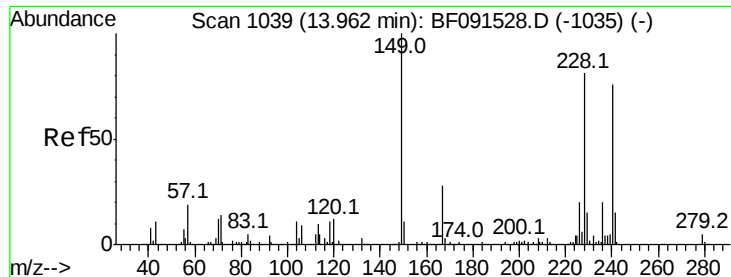
Ion Ratio Lower Upper

202 100

101 15.3 0.0 29.5

203 18.3 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

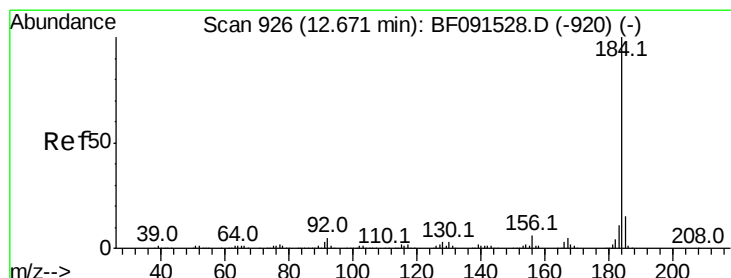
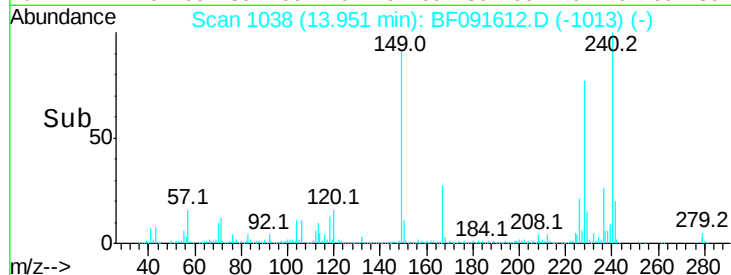
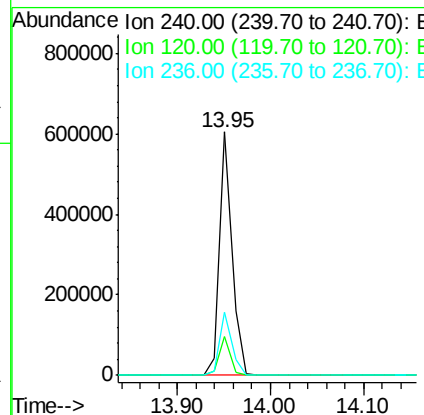
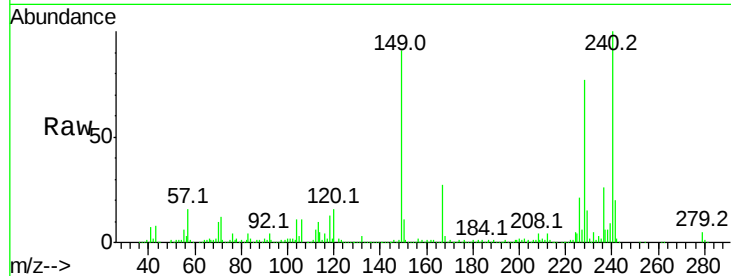
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	12.1	18.1
236	26.1	21.0	31.6

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#76

Benzidine

Concen: 35.28 ng

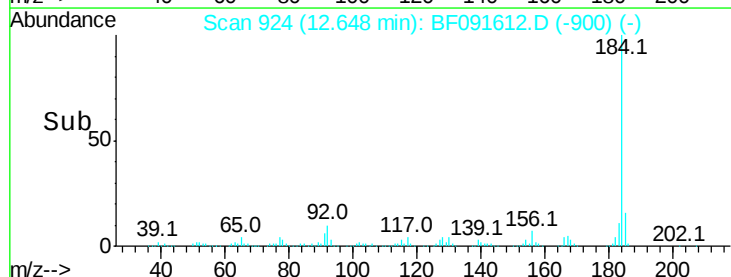
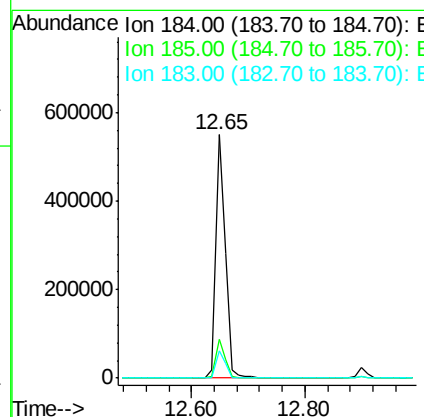
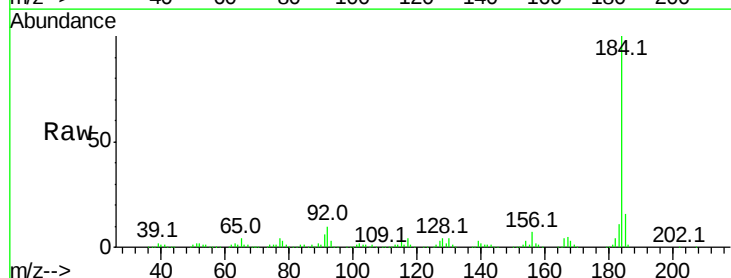
RT: 12.65 min Scan# 924

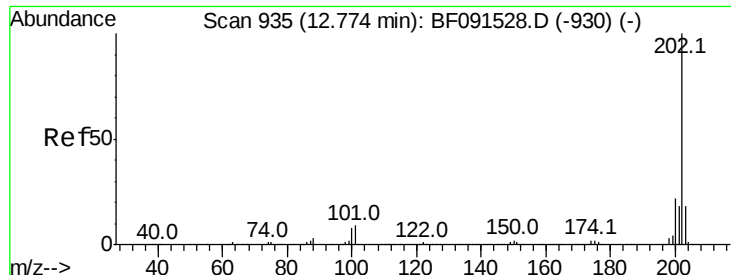
Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.1	19.7
183	11.2	8.9	13.3





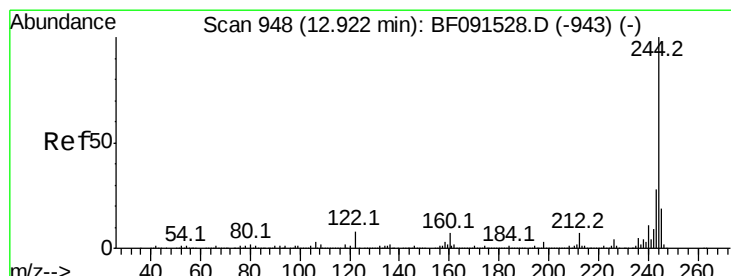
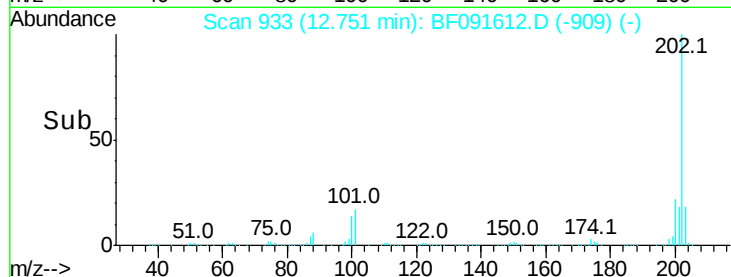
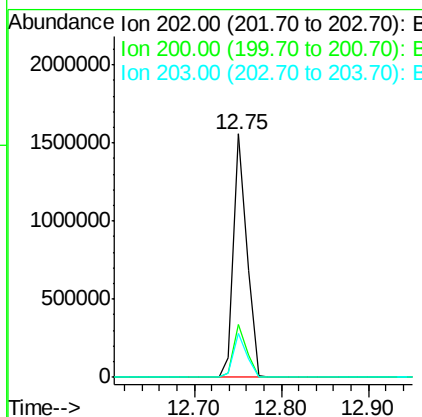
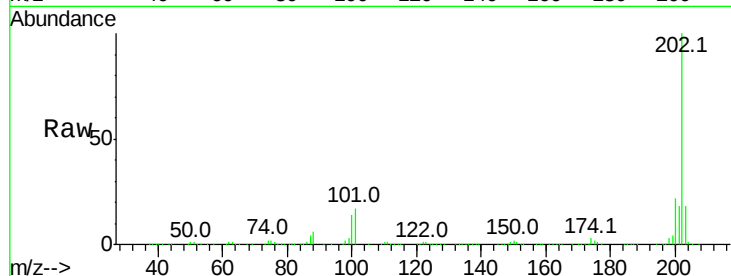
#77
Pvrene
Concen: 36.73 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.9	14.0	21.0

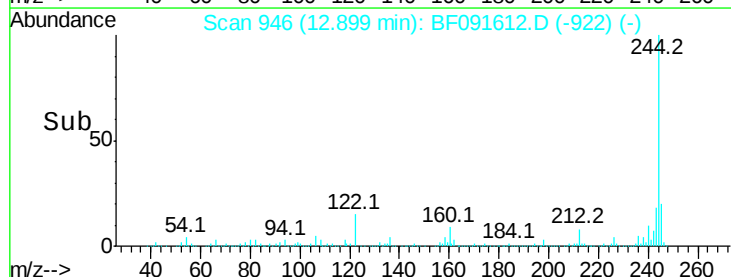
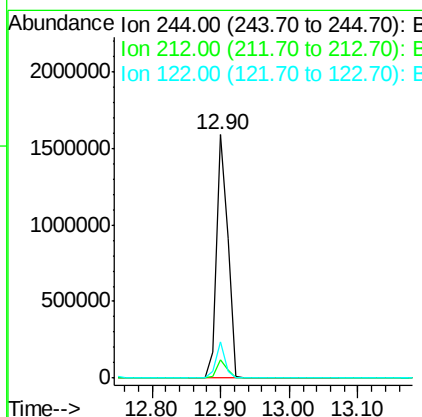
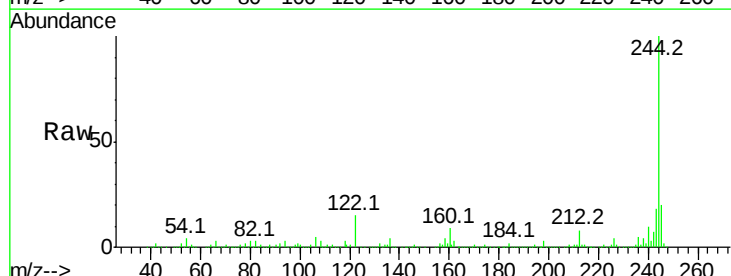
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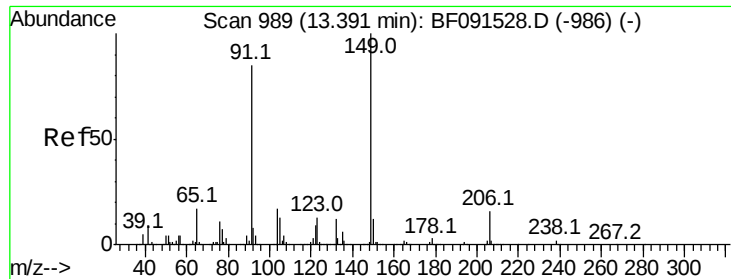
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#78
Terphenyl-d14
Concen: 74.74 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	14.8	9.5	14.3#





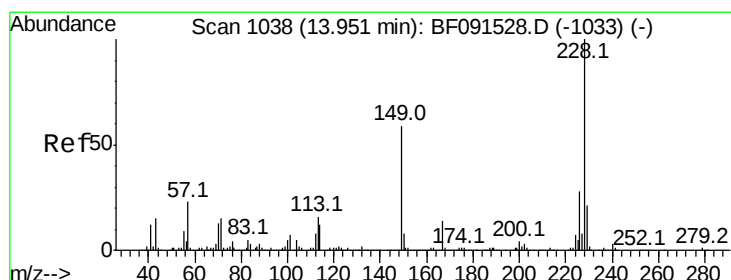
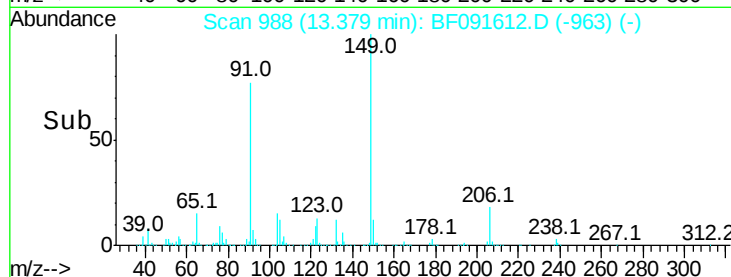
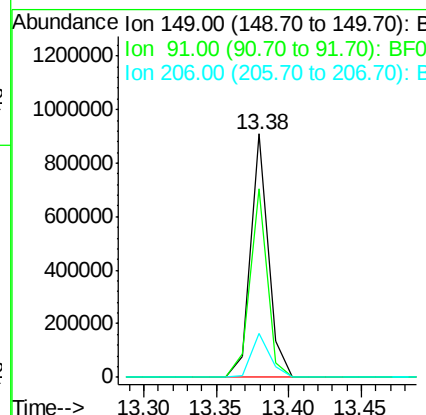
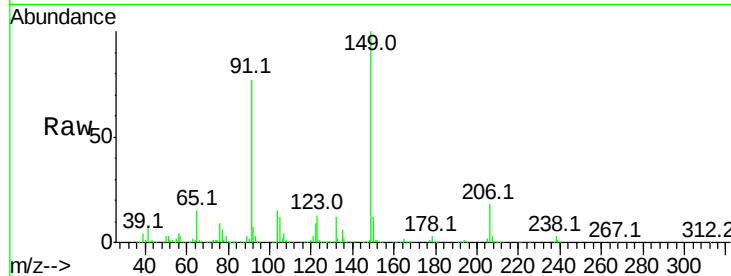
#79
Butylbenzylphthalate
Concen: 44.41 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.3	57.4	86.2
206	18.0	15.4	23.2

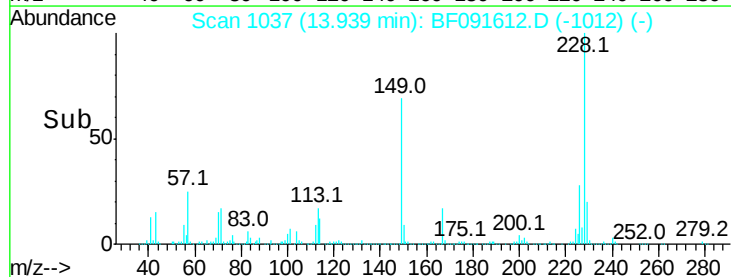
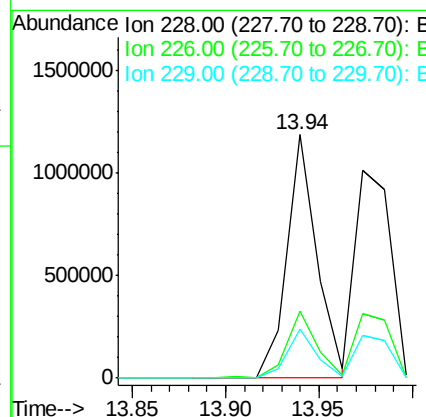
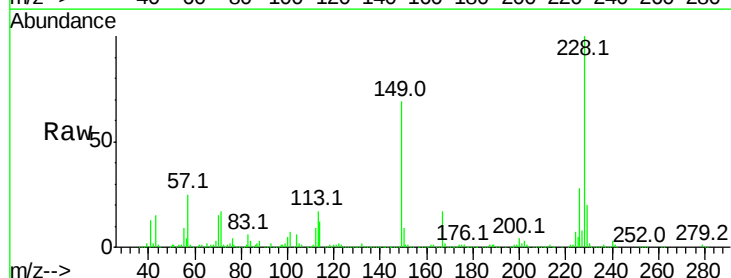
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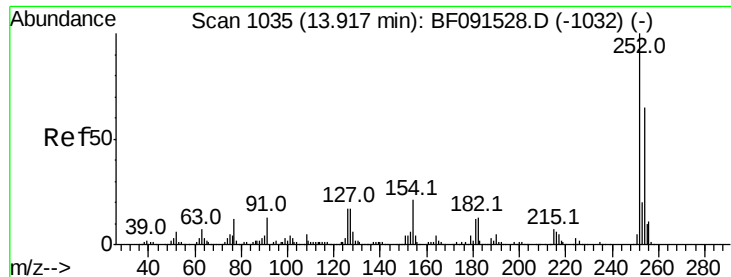
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#80
Benzo(a)anthracene
Concen: 40.94 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	20.3	16.4	24.6





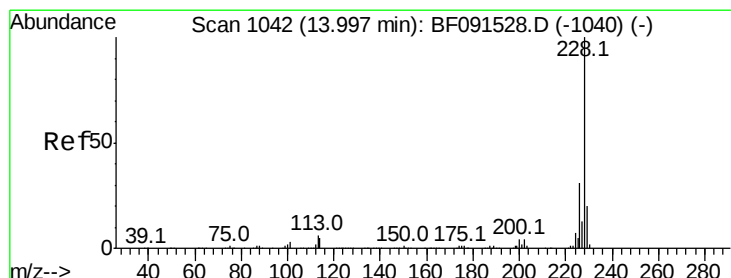
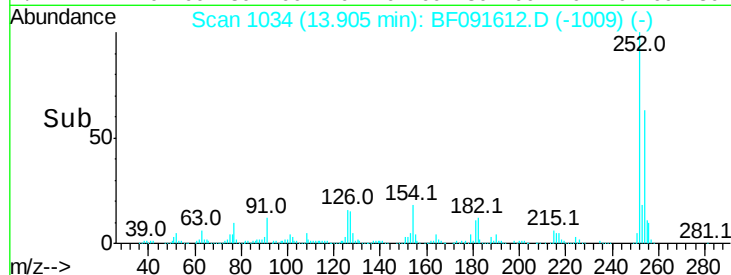
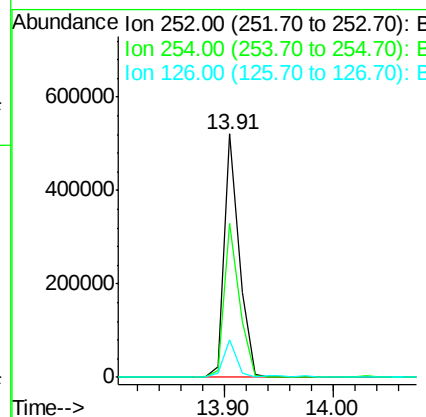
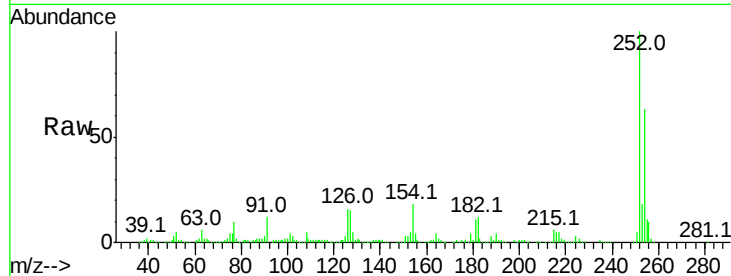
#81
 3,3'-Dichlorobenzidine
 Concen: 43.25 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF091612.D
 Acq: 15 Dec 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.1	78.1
126	15.6	7.5	11.3

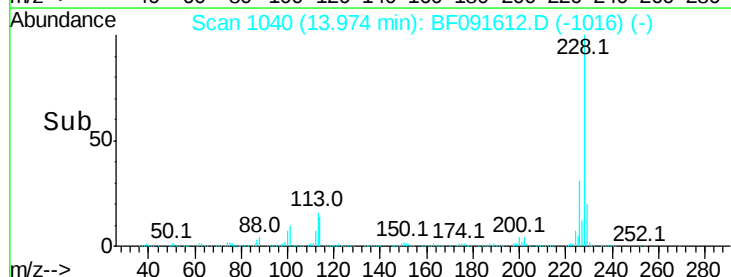
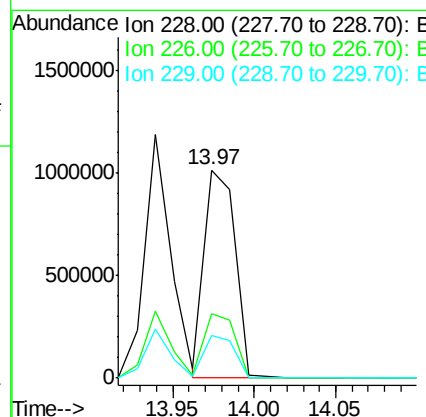
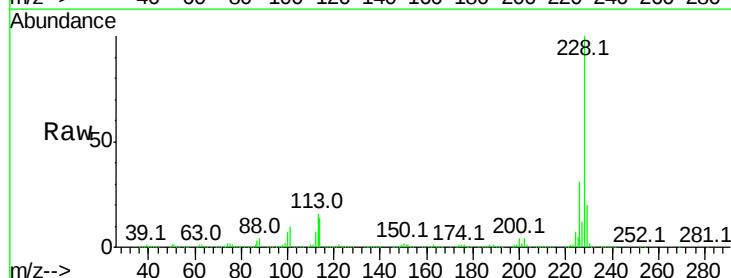
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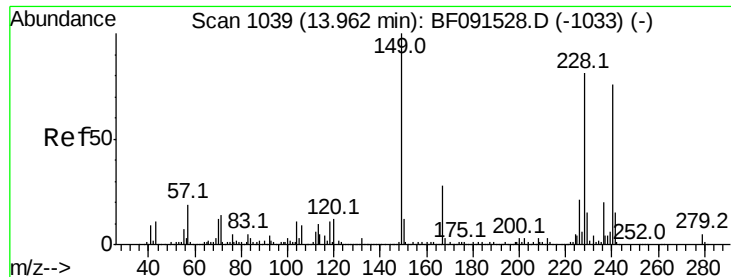
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#82
 Chrysene
 Concen: 39.40 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF091612.D
 Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.4
229	20.4	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.67 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Instrument :

BNA_F

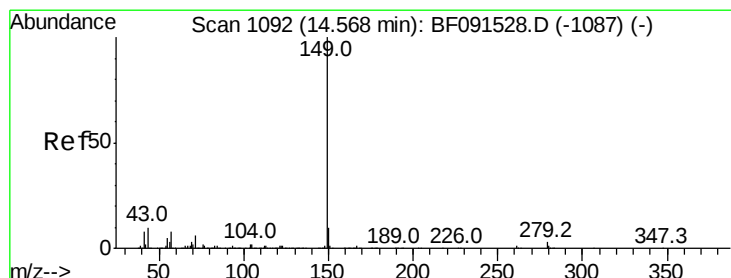
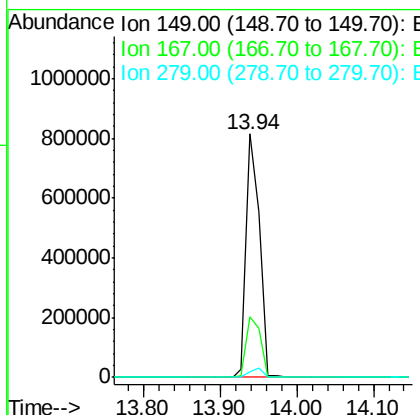
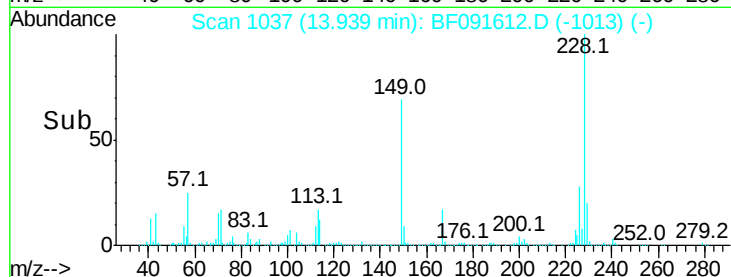
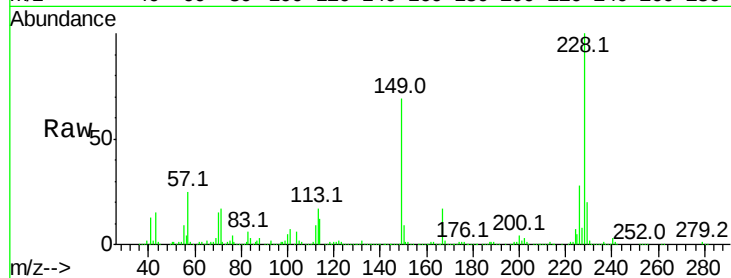
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	972482
Ion Ratio	Lower	Upper	
149	100		
167	24.9	19.6	29.4
279	2.0	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 49.63 ng

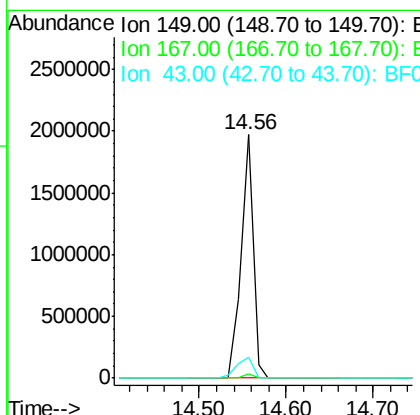
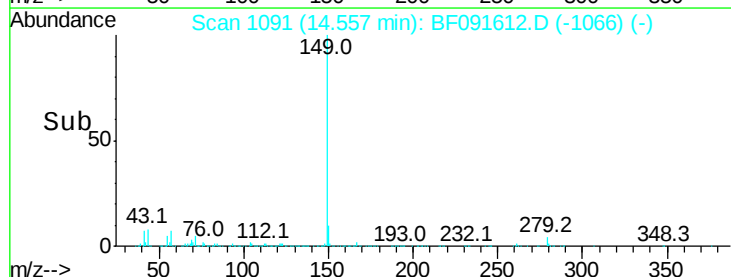
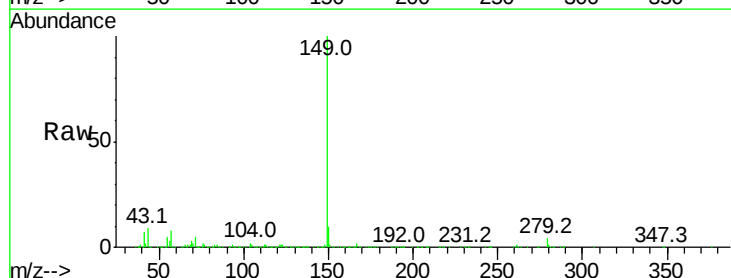
RT: 14.56 min Scan# 1091

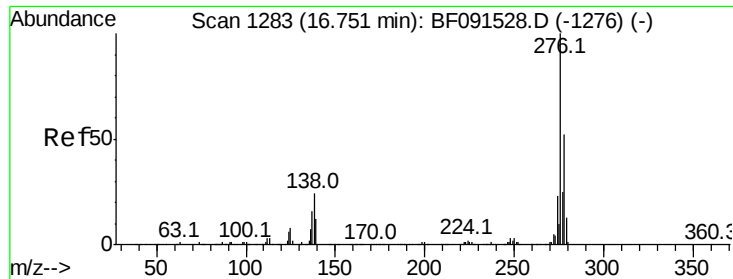
Delta R.T. -0.01 min

Lab File: BF091612.D

Acq: 15 Dec 2016 6:14

Tgt Ion:	149	Resp:	1876271
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.4	11.9	17.9#





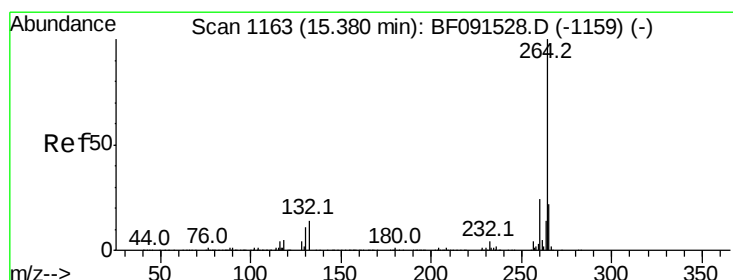
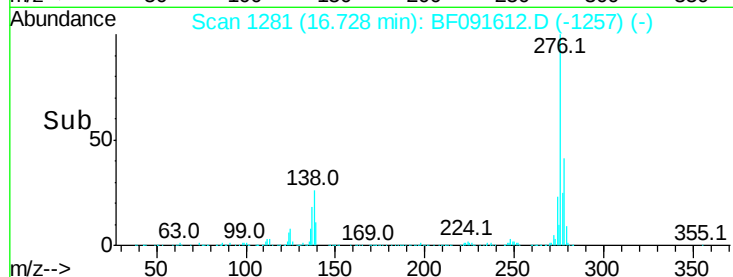
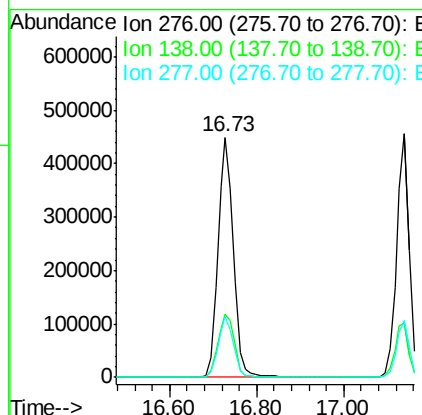
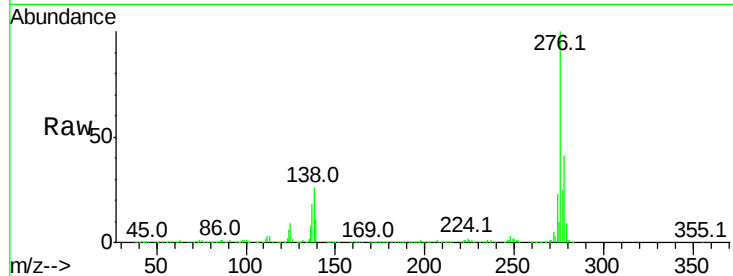
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.83 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	21.0	31.4
277	25.1	20.2	30.2

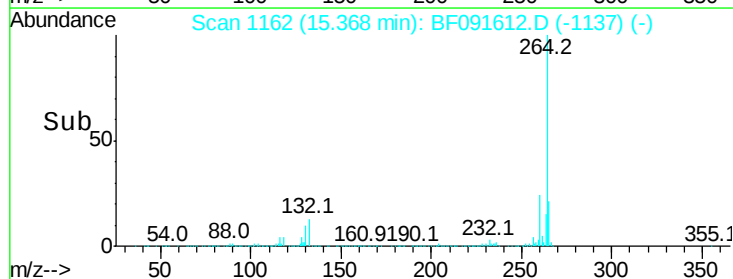
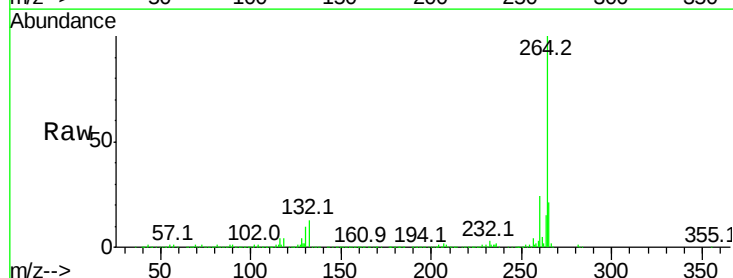
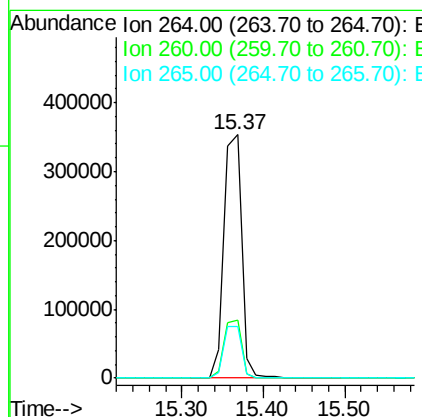
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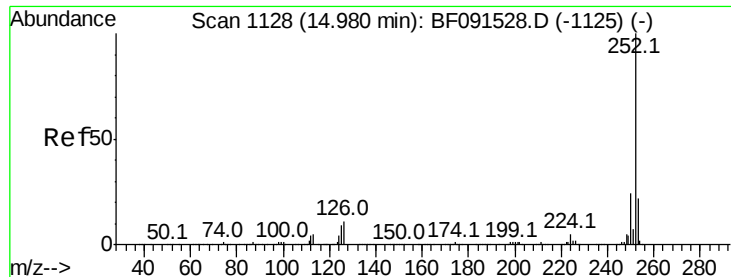
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.1	17.0	25.6





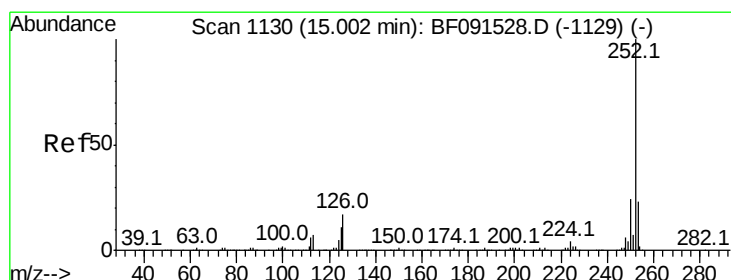
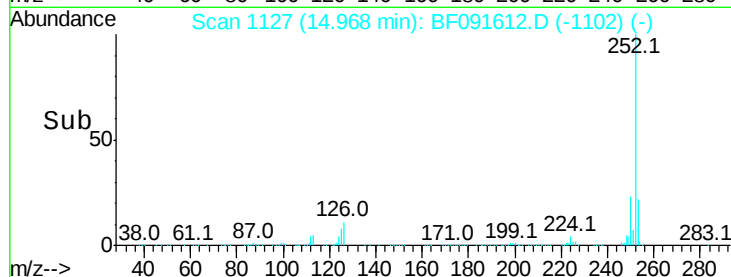
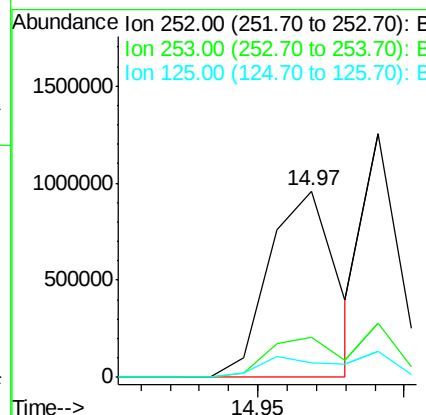
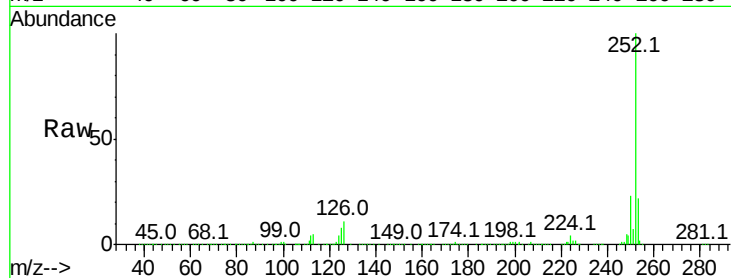
#87
Benzo(b)fluoranthene
Concen: 48.14 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	7.8	8.6	13.0

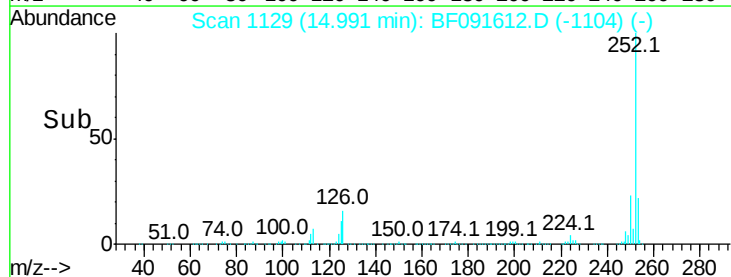
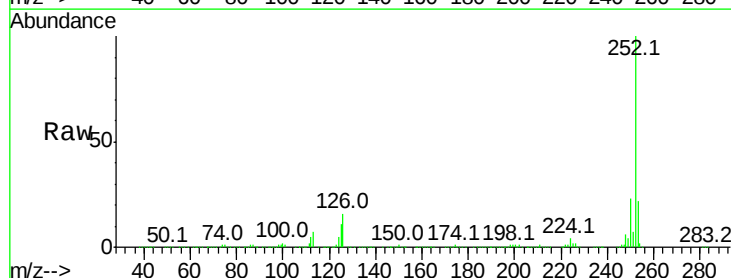
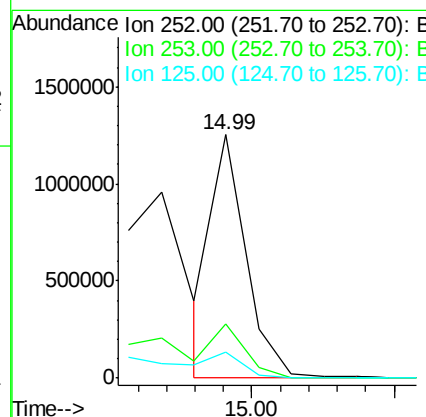
Manual Integrations
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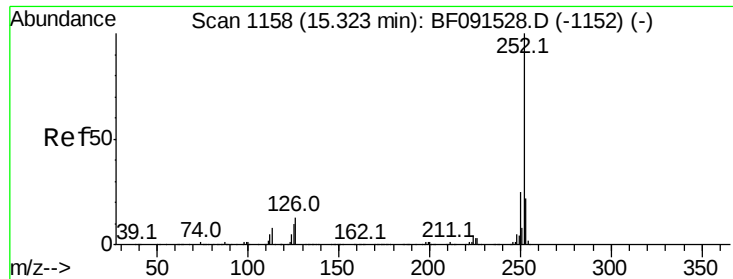
sohil
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#88
Benzo(k)fluoranthene
Concen: 38.03 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.7	9.6	14.4





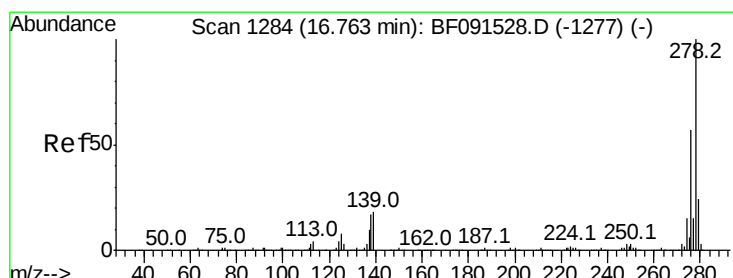
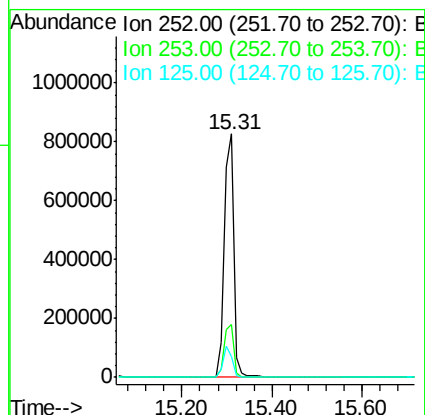
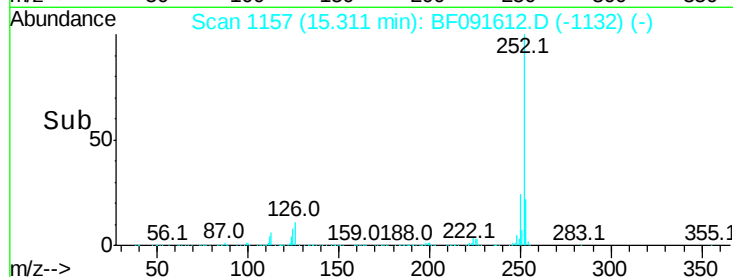
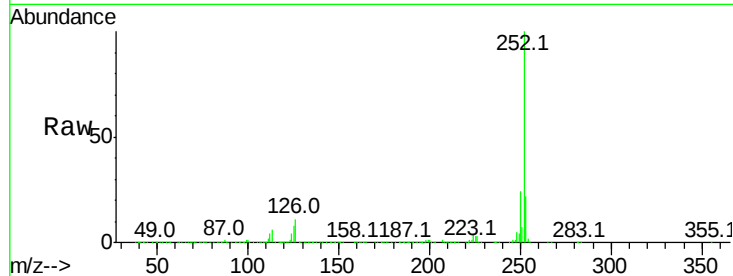
#89
Benzo(a)pyrene
Concen: 42.55 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	8.4	10.4	15.6

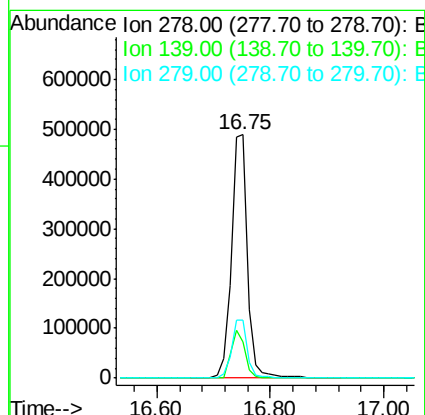
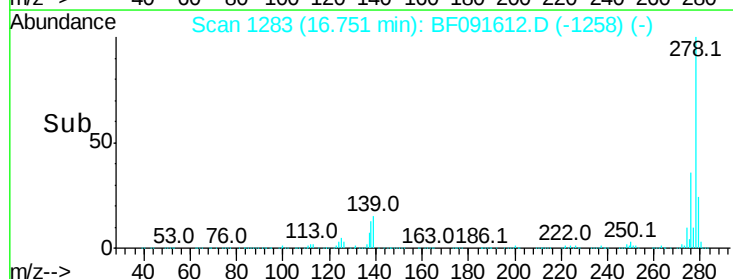
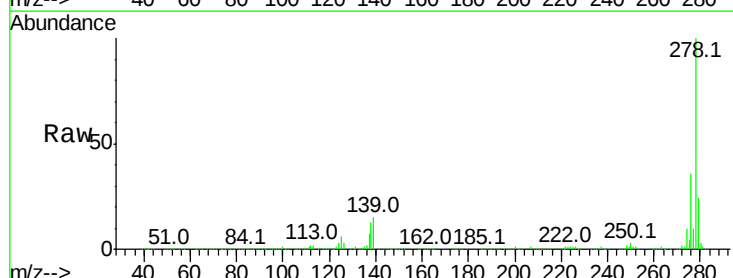
Manual Integrations
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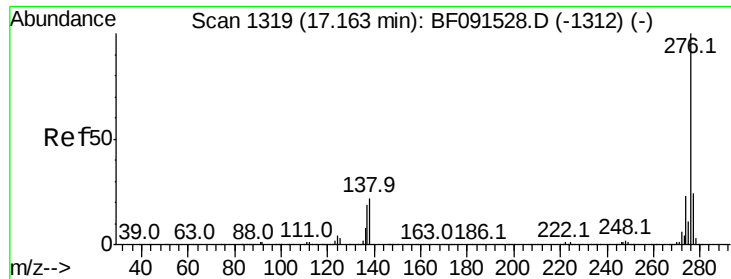
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#90
Dibenzo(a,h)anthracene
Concen: 38.04 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF091612.D
Acq: 15 Dec 2016 6:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	15.1	22.7
279	24.0	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 36.02 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF091612.D
 Acq: 15 Dec 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	935761
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.0	28.4
138	22.4	15.4	23.0

Manual Integrations
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