

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091578.D
 Acq On : 14 Dec 2016 11:27
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 12/15/2016 5:38:58 PM

Quant Time: Dec 15 00:20:49 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	258556	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	1028898	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	503066	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	748297	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	498999	20.00	ng	0.00
86) Perylene-d12	15.37	264	513085	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1309898	85.35	ng	-0.02
7) Phenol-d6	6.44	99	1557644	81.41	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1417856	76.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	336074	80.43	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2437265	83.71	ng	-0.01
78) Terphenyl-d14	12.91	244	1682170	76.50	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	340076	41.99	ng	# 85
3) Pyridine	3.05	79	892801	41.37	ng	# 80
4) n-Nitrosodimethylamine	3.00	42	381400	41.14	ng	# 62
6) Aniline	6.46	93	1077252	42.95	ng	# 67
8) 2-Chlorophenol	6.59	128	752200	43.42	ng	96
9) Benzaldehyde	6.34	77	494745	37.58	ng	92
10) Phenol	6.45	94	873538	39.05	ng	91
11) bis(2-Chloroethyl)ether	6.54	93	764544	45.50	ng	# 80
12) 1,3-Dichlorobenzene	6.74	146	753898m	40.13	ng	
13) 1,4-Dichlorobenzene	6.82	146	788357	42.55	ng	98
14) 1,2-Dichlorobenzene	6.98	146	710739m	42.57	ng	
15) Benzyl Alcohol	6.94	79	586756	38.84	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1145438	43.98	ng	79
17) 2-Methylphenol	7.07	107	624986	43.60	ng	# 76
18) Hexachloroethane	7.32	117	302617	41.85	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	477295	39.89	ng	# 85
20) 3+4-Methylphenols	7.22	107	648809	41.69	ng	# 58
22) Acetophenone	7.22	105	1036090	42.03	ng	# 95
24) Nitrobenzene	7.39	77	884639	45.42	ng	# 83
25) Isophorone	7.63	82	1335904	40.76	ng	100
26) 2-Nitrophenol	7.71	139	375659	43.70	ng	# 65
27) 2,4-Dimethylphenol	7.74	122	609738	40.38	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	854767	44.47	ng	98
29) 2,4-Dichlorophenol	7.95	162	569245	43.33	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	604385	40.48	ng	99
31) Naphthalene	8.11	128	1954498	40.83	ng	100
32) Benzoic acid	7.87	122	458463	42.89	ng	94
33) 4-Chloroaniline	8.17	127	828403	40.17	ng	# 90
34) Hexachlorobutadiene	8.24	225	363186	42.43	ng	99
35) Caprolactam	8.53	113	161894	42.20	ng	# 59
36) 4-Chloro-3-methylphenol	8.65	107	600762	40.78	ng	99
37) 2-Methylnaphthalene	8.81	142	1252862	40.44	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	515738	37.38	ng	99
40) Hexachlorocyclopentadiene	8.96	237	236867	38.51	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	367598	41.46	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	376369	41.31	nq	95
45) 1,1'-Biphenyl	9.26	154	1417467	38.90	nq	99
46) 2-Chloronaphthalene	9.29	162	1080882	38.31	nq	98
47) 2-Nitroaniline	9.39	65	411452	43.36	nq	88
48) Acenaphthylene	9.70	152	1759431	40.91	nq	98
49) Dimethylphthalate	9.57	163	1301277	40.85	nq	99
50) 2,6-Dinitrotoluene	9.63	165	295665	42.29	nq	# 84
51) Acenaphthene	9.88	154	1214457	40.65	nq	97
52) 3-Nitroaniline	9.80	138	354306	43.14	nq	81
53) 2,4-Dinitrophenol	9.90	184	123120	39.31	nq	# 73
54) Dibenzofuran	10.05	168	1518095	41.07	nq	91
55) 4-Nitrophenol	9.96	139	239836	39.25	nq	88
56) 2,4-Dinitrotoluene	10.03	165	367647	41.95	nq	# 77
57) Fluorene	10.38	166	1103528	41.38	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.17	232	300494	42.13	nq	94
59) Diethylphthalate	10.27	149	1227005	40.00	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	515262	38.77	nq	# 85
61) 4-Nitroaniline	10.41	138	313752	38.44	nq	93
62) Azobenzene	10.54	77	1447687	41.65	nq	91
64) 4,6-Dinitro-2-methylphenol	10.44	198	179995	40.12	nq	# 33
65) n-Nitrosodiphenylamine	10.50	169	932185	41.79	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	344783	44.94	nq	# 85
67) Hexachlorobenzene	10.93	284	326266	40.90	nq	# 70
68) Atrazine	11.04	200	294139	41.01	nq	92
69) Pentachlorophenol	11.13	266	193153	43.02	nq	97
70) Phenanthrene	11.34	178	1555388	41.97	nq	100
71) Anthracene	11.40	178	1725226	43.16	nq	99
72) Carbazole	11.55	167	1430088	40.82	nq	99
73) Di-n-butylphthalate	11.89	149	1683764	41.25	nq	99
74) Fluoranthene	12.53	202	1532548	39.50	nq	97
76) Benzidine	12.66	184	420990	27.29	nq	99
77) Pyrene	12.76	202	1606792	40.59	nq	99
79) Butylbenzylphthalate	13.39	149	692319	44.86	nq	97
80) Benzo(a)anthracene	13.95	228	1201753	41.47	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	470715	45.23	nq	98
82) Chrysene	13.99	228	1175940	38.79	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	817819	41.31	nq	98
84) Di-n-octyl phthalate	14.57	149	1468276	43.69	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1398420	51.25	nq	98
87) Benzo(b)fluoranthene	14.97	252	1456040m	47.60	nq	
88) Benzo(k)fluoranthene	15.00	252	906310m	33.70	nq	
89) Benzo(a)pyrene	15.31	252	1186130	43.05	nq	98
90) Dibenzo(a,h)anthracene	16.76	278	1173494	47.54	nq	99
91) Benzo(g,h,i)perylene	17.16	276	1244700	49.55	nq	97

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

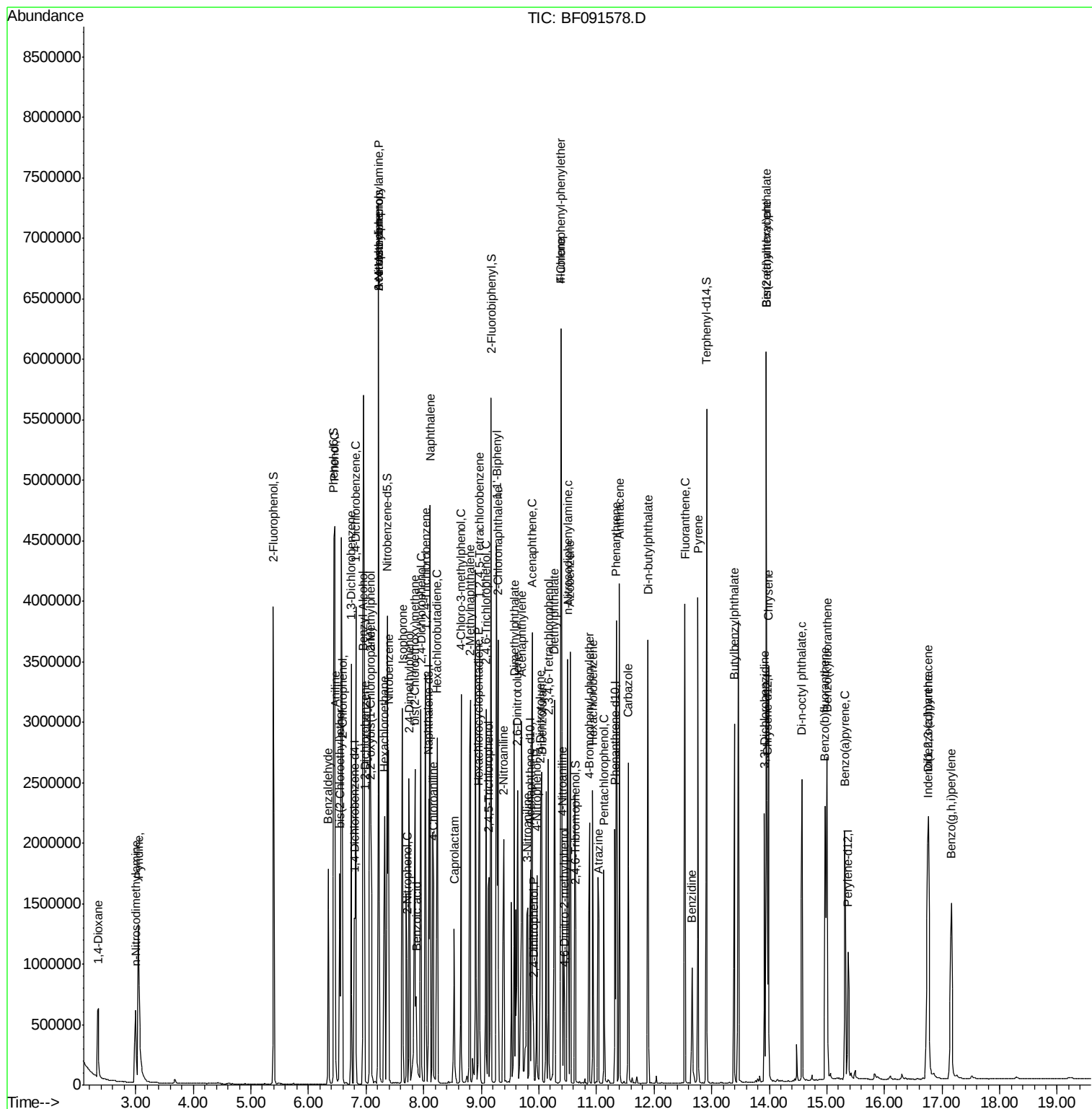
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\  
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Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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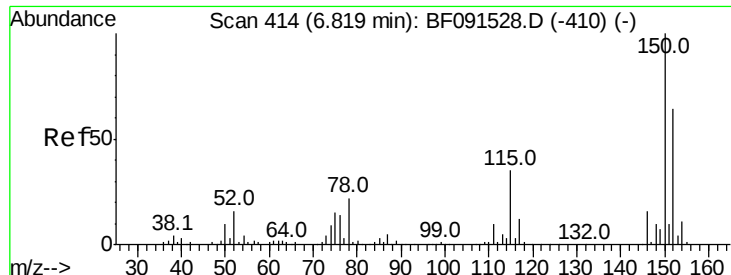
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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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: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 258556

Ion Ratio Lower Upper

152 100

150 160.8 122.5 183.7

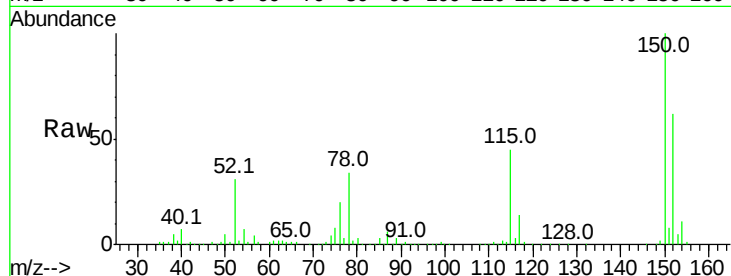
115 73.1 51.8 77.8

Manual Integrations

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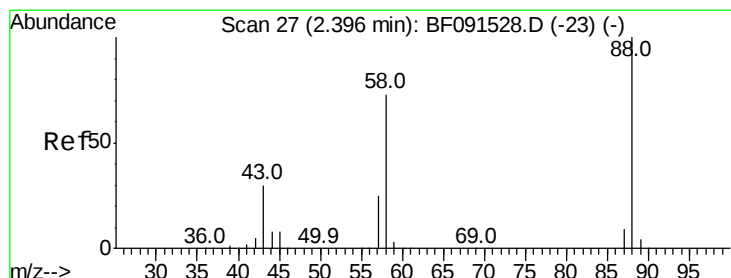
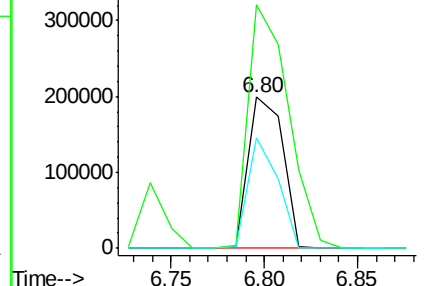
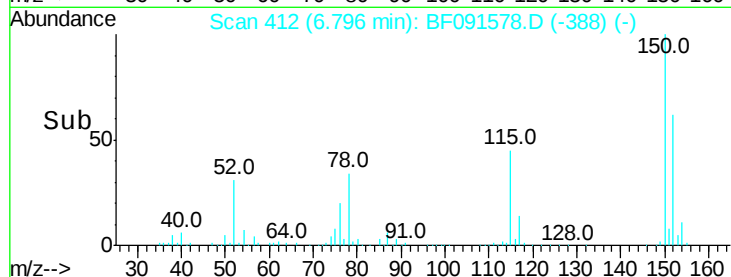
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.99 ng

RT: 2.35 min Scan# 23

Delta R.T. -0.05 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

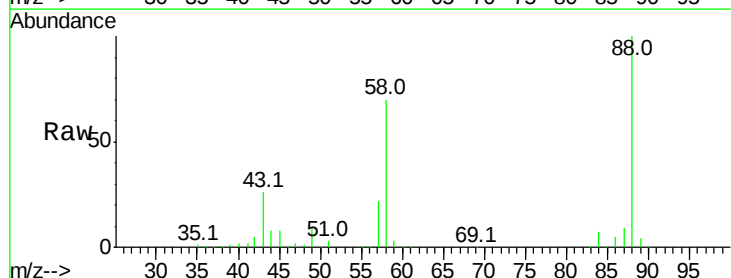
Tgt Ion: 88 Resp: 340076

Ion Ratio Lower Upper

88 100

58 74.1 70.3 105.5

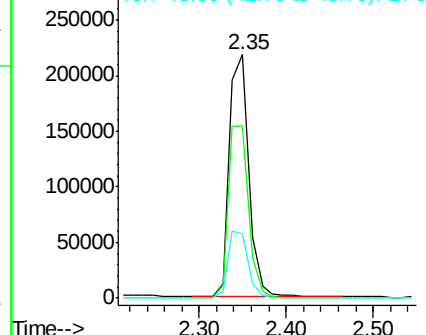
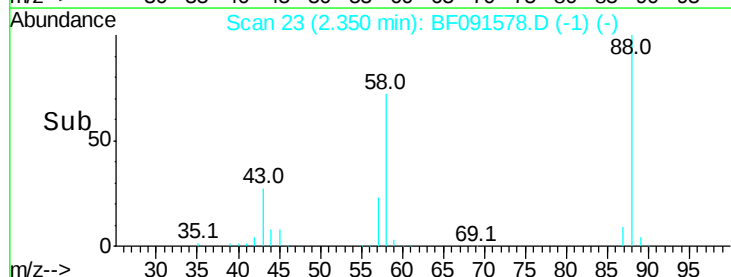
43 28.8 31.3 46.9#

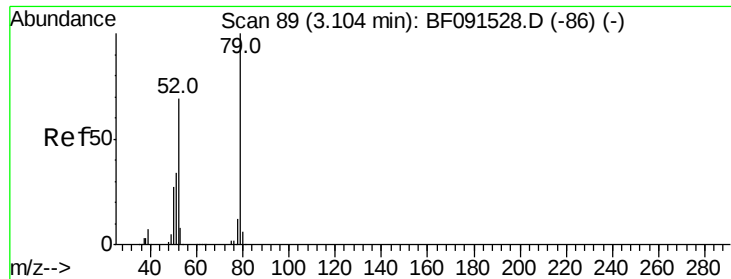


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.37 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.06 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

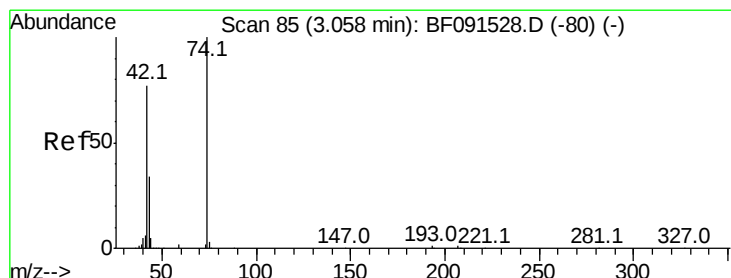
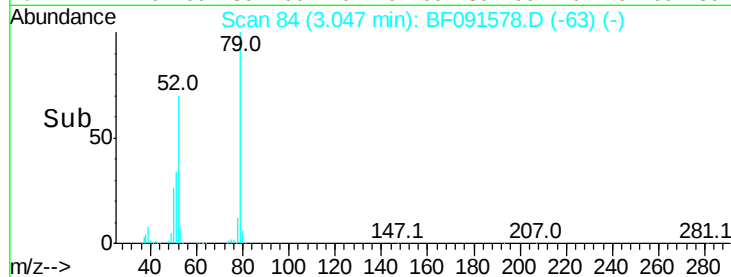
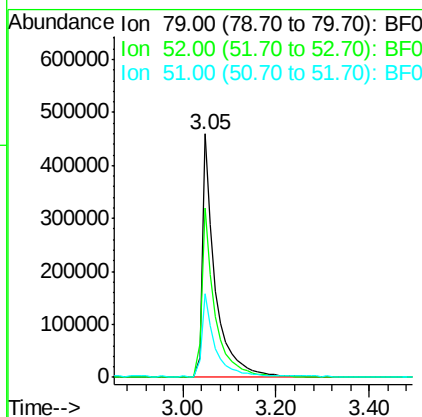
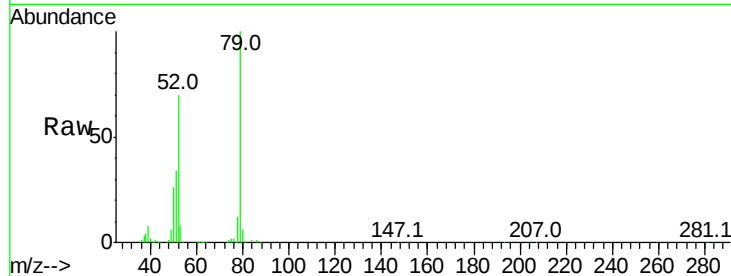
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	892801
Ion Ratio	Lower	Upper	
79	100		
52	69.6	71.0	106.4#
51	34.2	37.0	55.4#

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#4

n-Nitrosodimethylamine

Concen: 41.14 ng

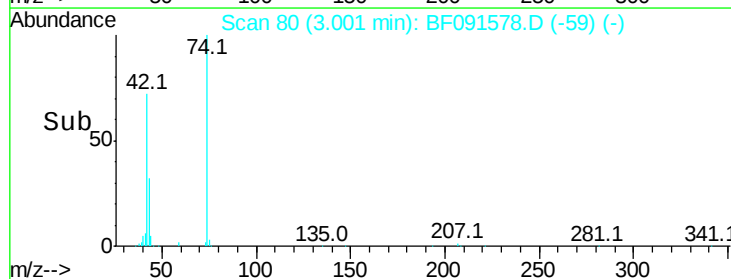
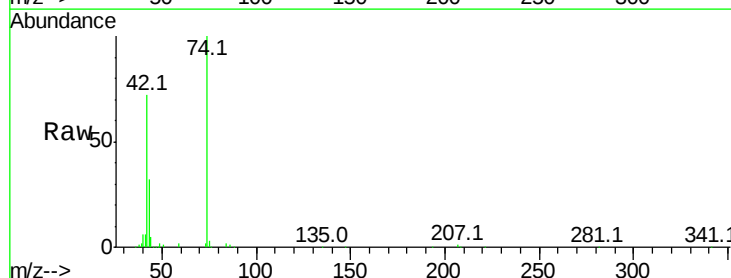
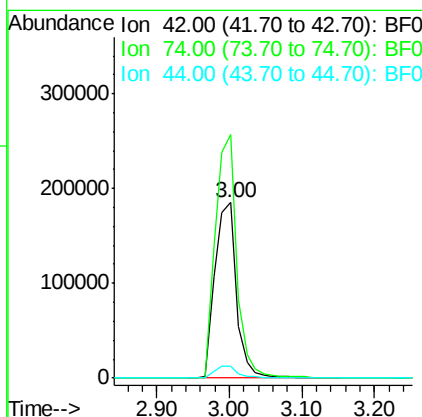
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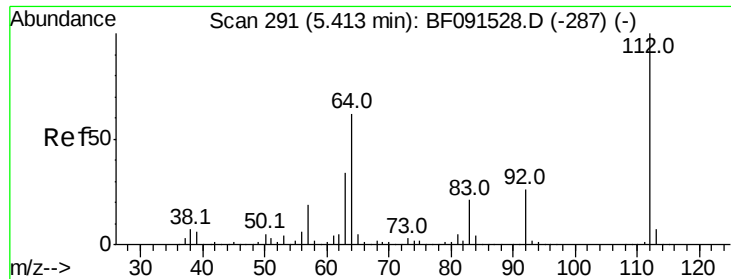
Delta R.T. -0.06 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Tgt Ion:	42	Resp:	381400
Ion Ratio	Lower	Upper	
42	100		
74	138.7	78.9	118.3#
44	6.8	5.8	8.6





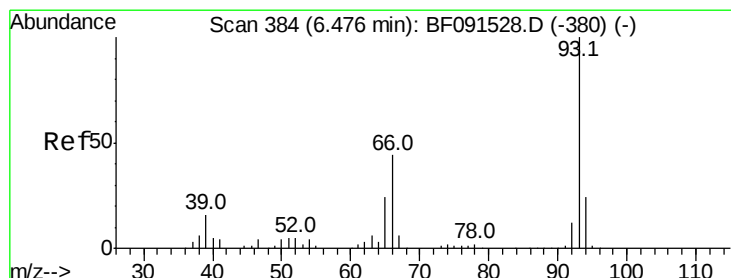
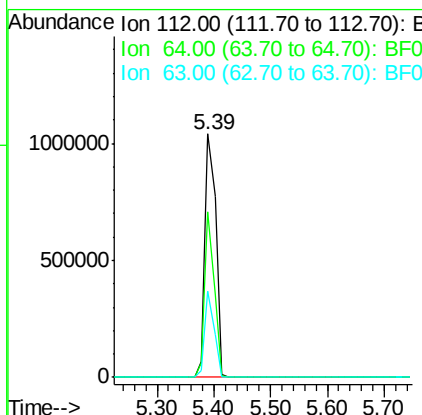
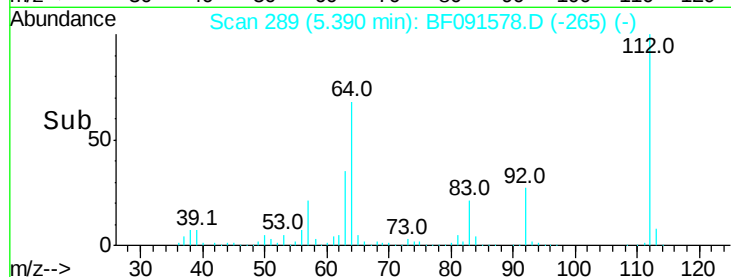
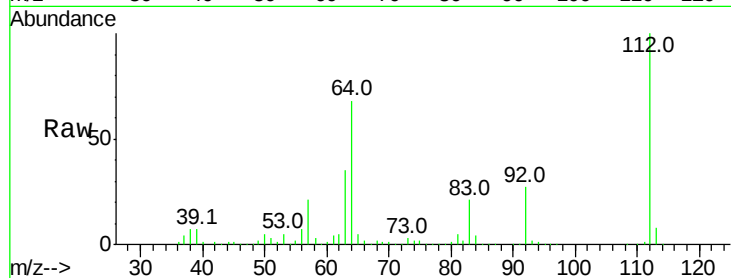
#5
 2-Fluorophenol
 Concen: 85.35 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.02 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

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 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	67.8	61.5	92.3
63	35.4	33.3	49.9

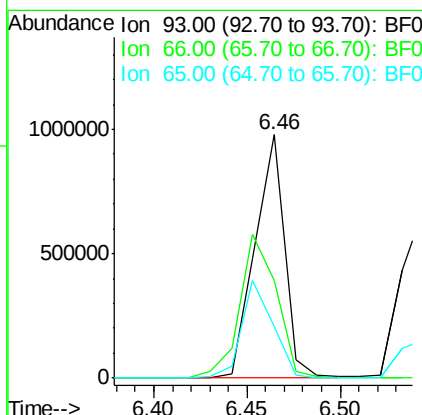
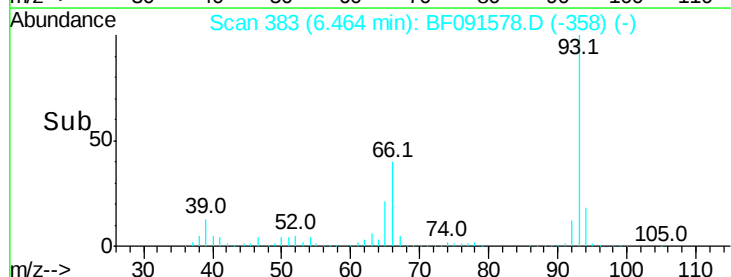
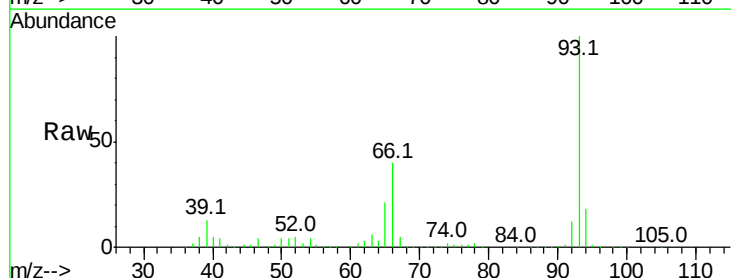
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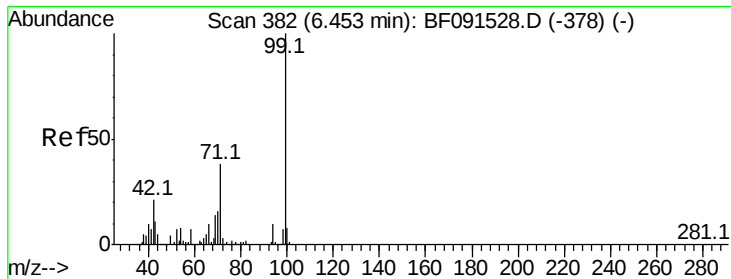
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#6
 Aniline
 Concen: 42.95 ng
 RT: 6.46 min Scan# 383
 Delta R.T. -0.01 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.2	55.8	83.6#
65	21.3	29.9	44.9#





#7

Phenol-d6

Concen: 81.41 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

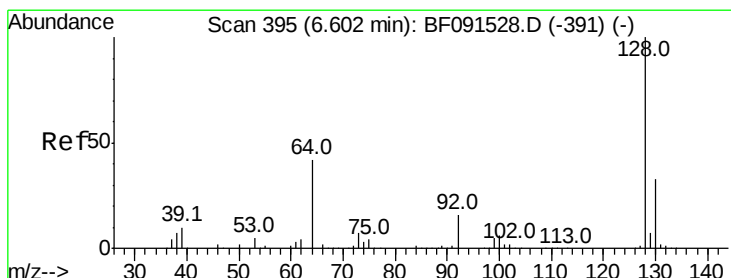
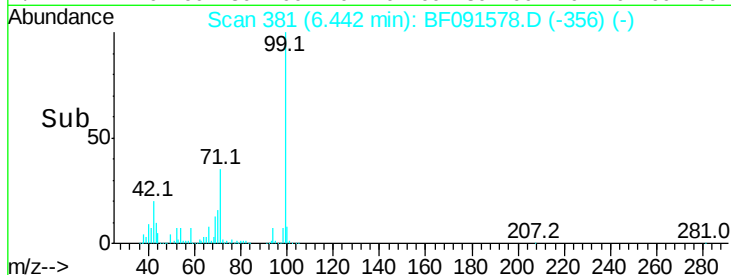
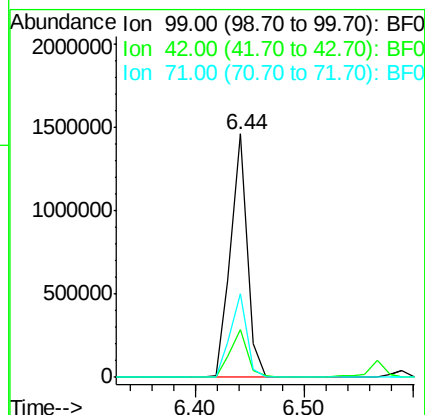
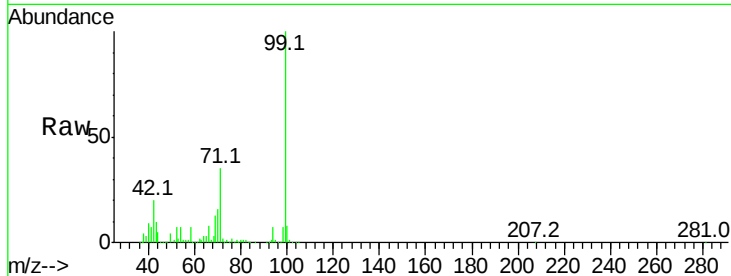
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	1557644
Ion	Ratio	Lower	Upper
99	100		
42	19.6	20.6	31.0#
71	34.6	29.9	44.9

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#8

2-Chlorophenol

Concen: 43.42 ng

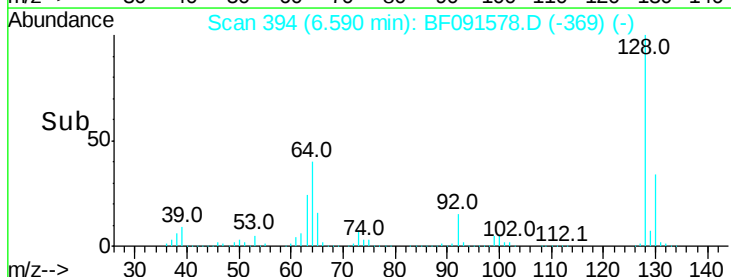
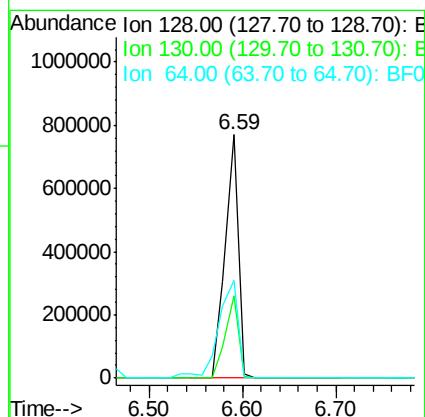
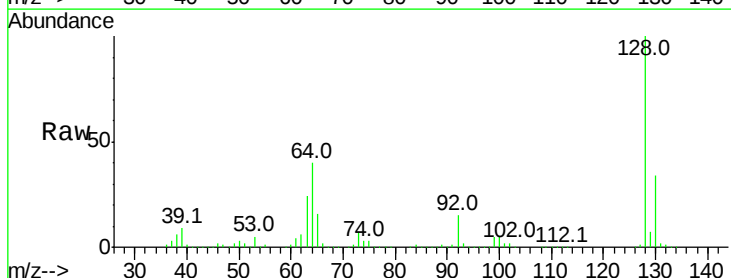
RT: 6.59 min Scan# 394

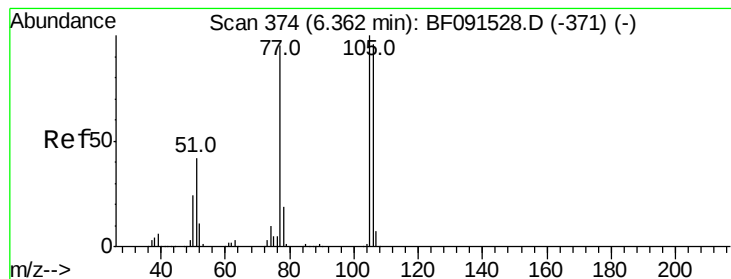
Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Tgt Ion:	128	Resp:	752200
Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.1	53.1
64	40.2	24.1	64.1





#9

Benzaldehyde

Concen: 37.58 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

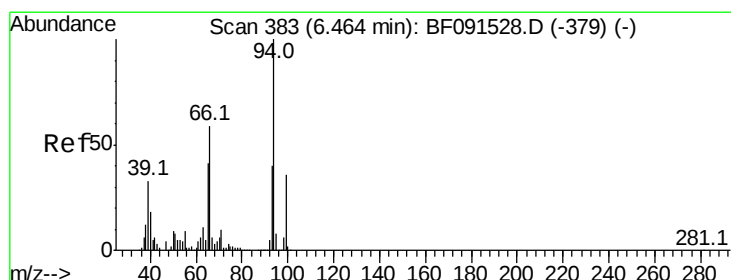
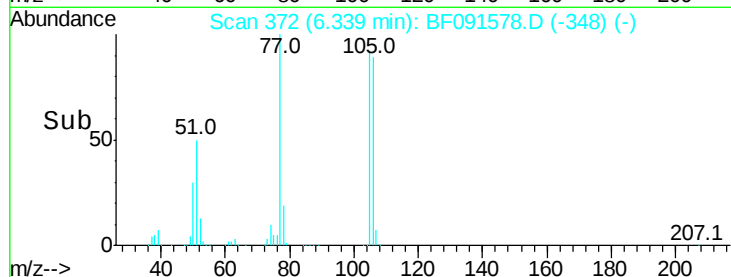
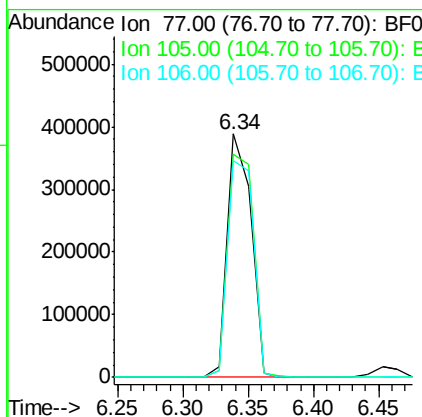
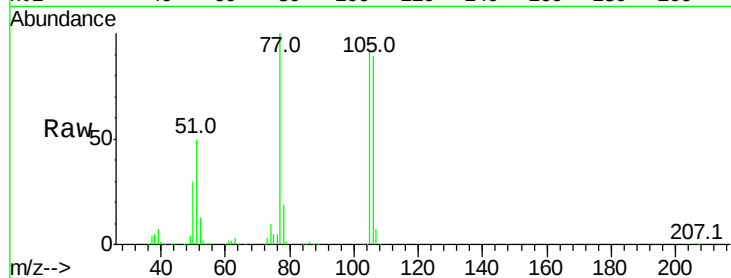
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.7	66.4	106.4
106	89.3	60.9	100.9

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#10

Phenol

Concen: 39.05 ng

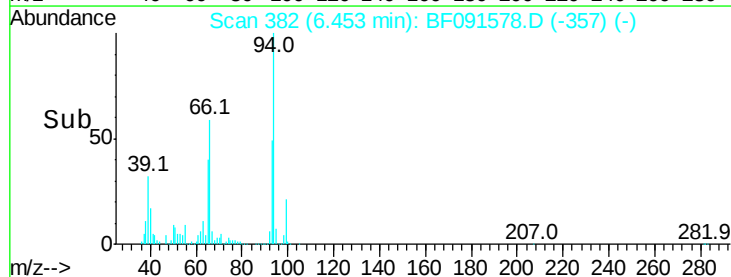
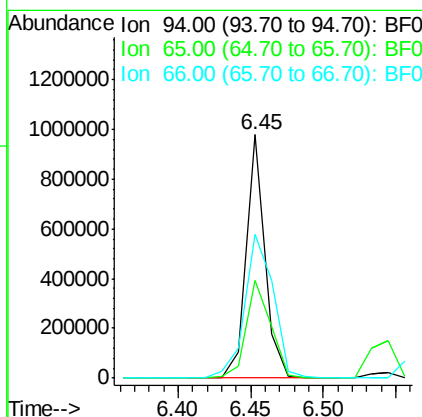
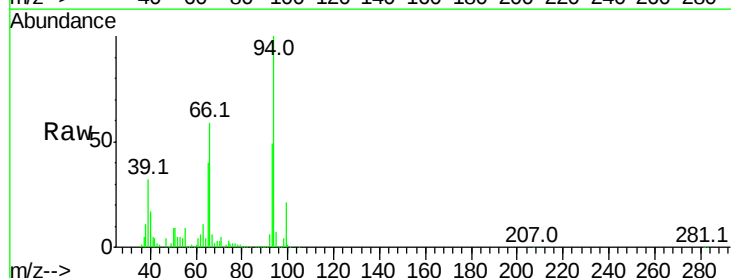
RT: 6.45 min Scan# 382

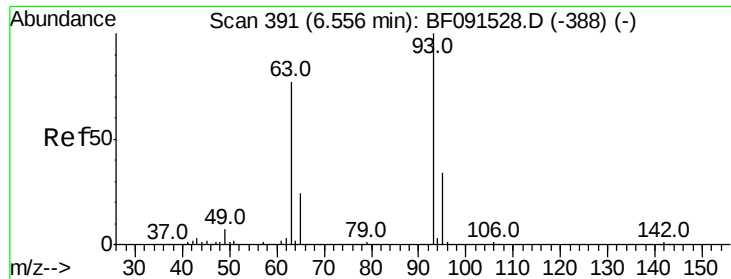
Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.2	16.9	56.9
66	59.0	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 45.50 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 93 Resp: 764544

Ion Ratio Lower Upper

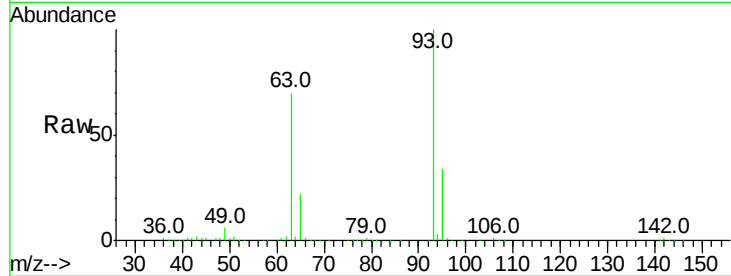
93 100

63 70.0 74.8 114.8#

95 33.6 12.4 52.4

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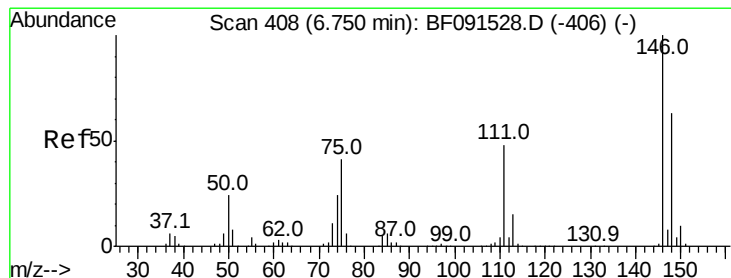
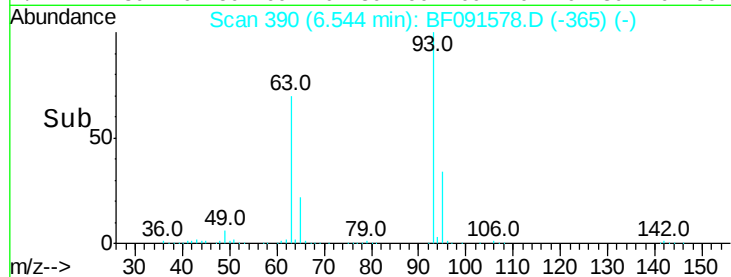
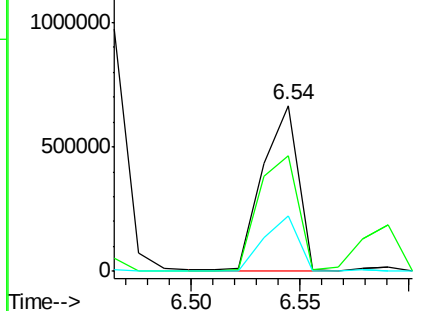
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Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.13 ng m

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

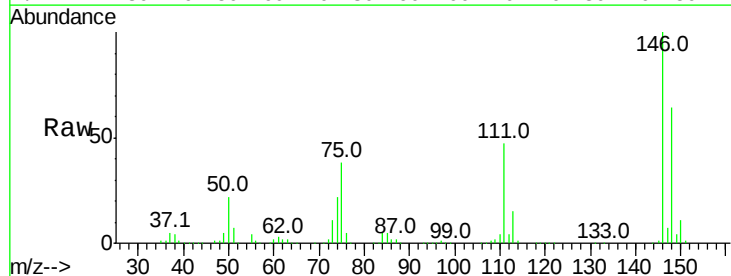
Tgt Ion: 146 Resp: 753898

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

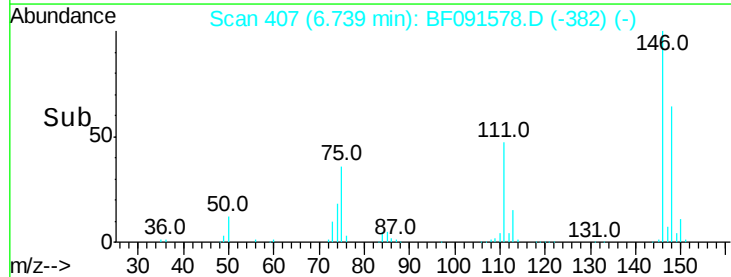
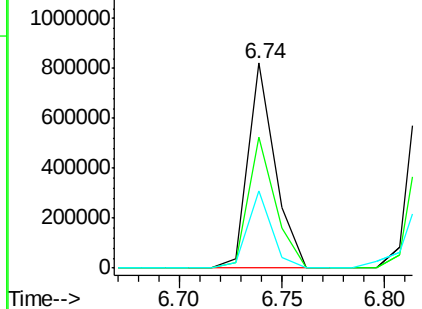
75 37.7 23.6 35.4#

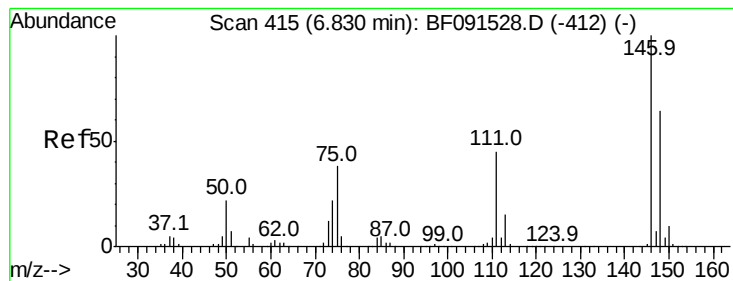


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.55 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

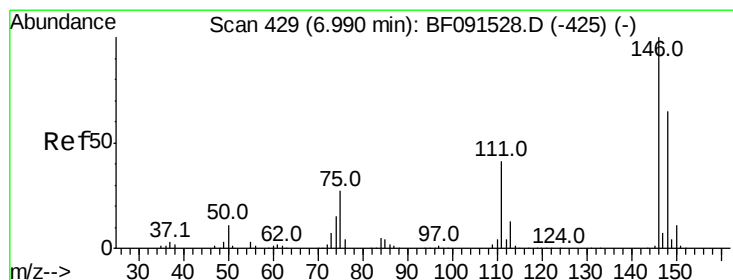
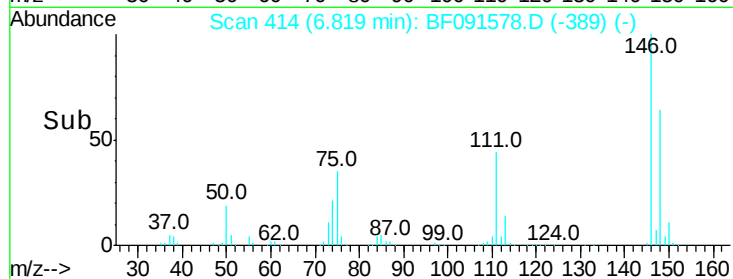
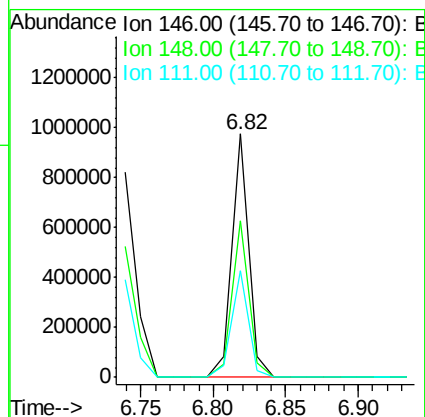
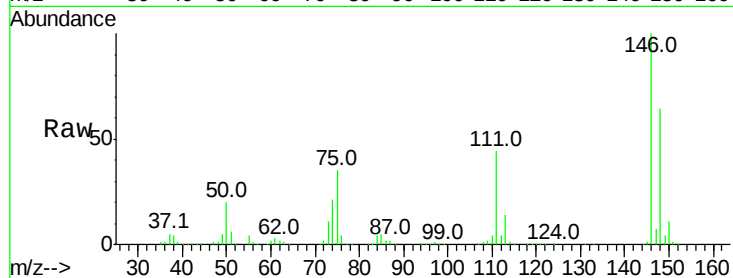
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	788357
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.0
111	44.1	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 42.57 ng m

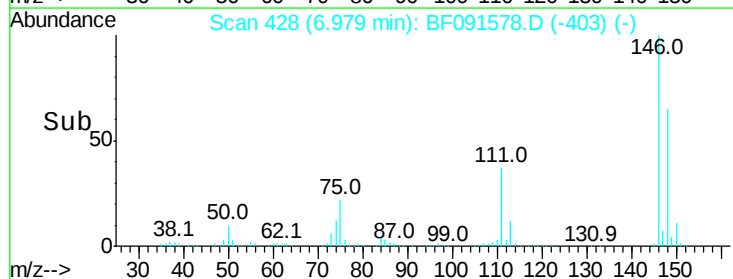
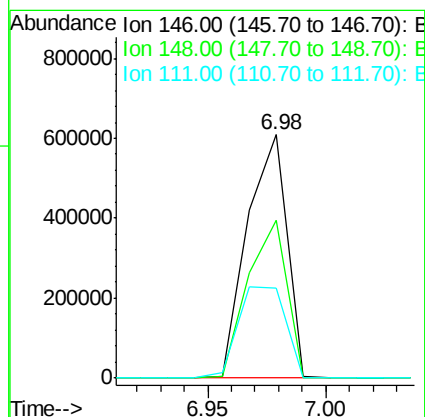
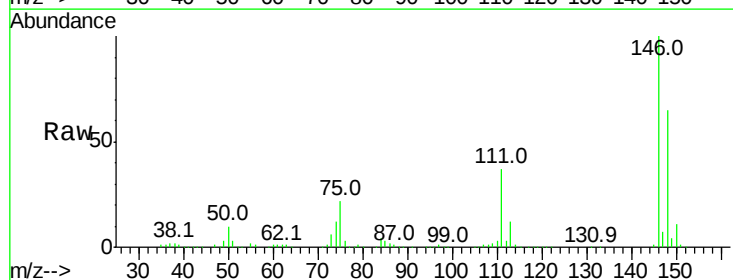
RT: 6.98 min Scan# 428

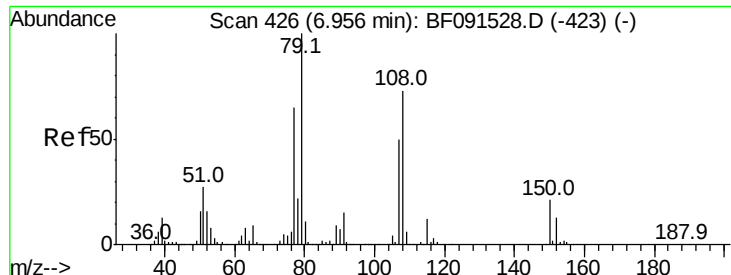
Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Tgt Ion:	146	Resp:	710739
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.0	76.6
111	37.1	38.9	58.3#





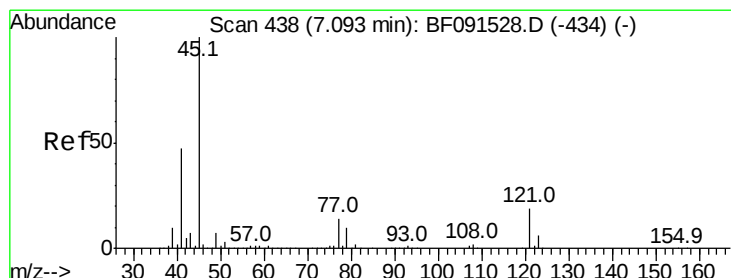
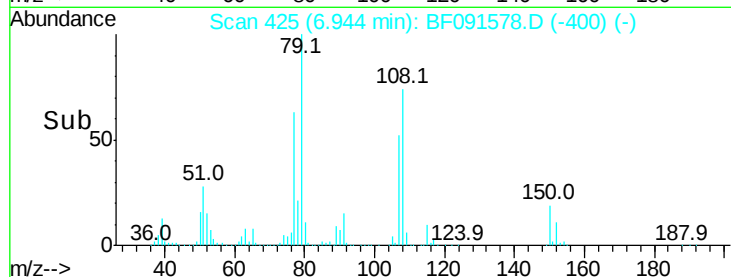
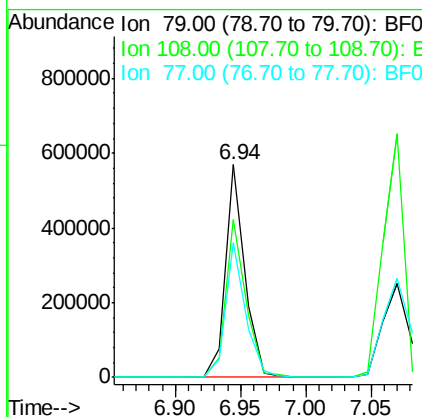
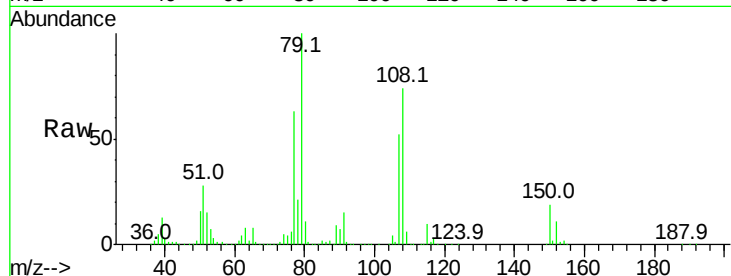
#15
Benzyl Alcohol
Concen: 38.84 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.1	62.7	94.1
77	63.3	51.7	77.5

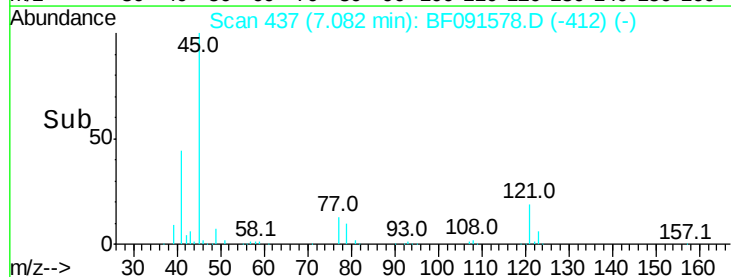
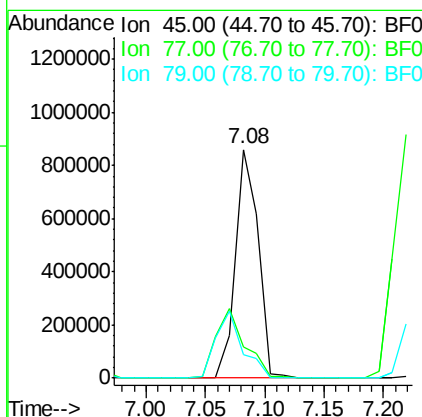
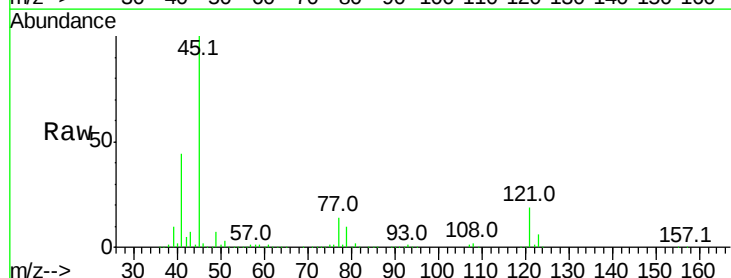
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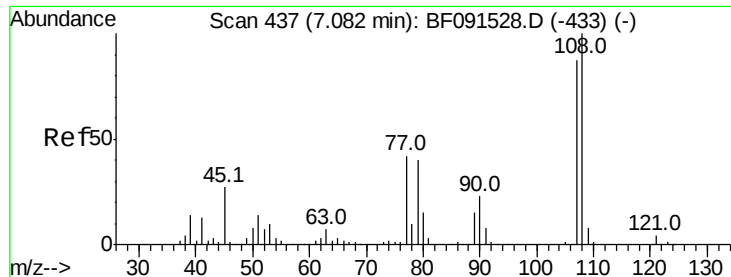
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.98 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	3.8	43.8
79	10.5	0.2	40.2





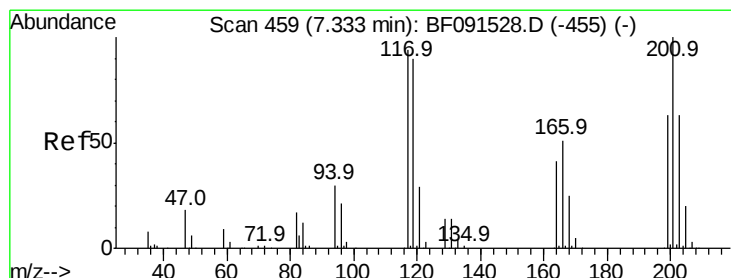
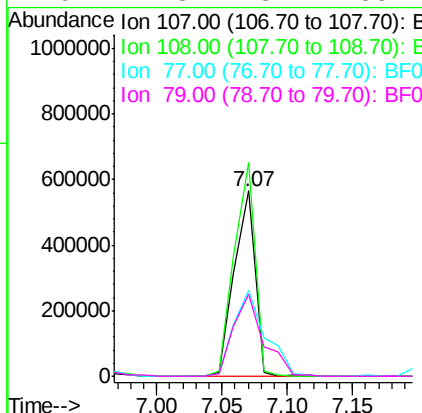
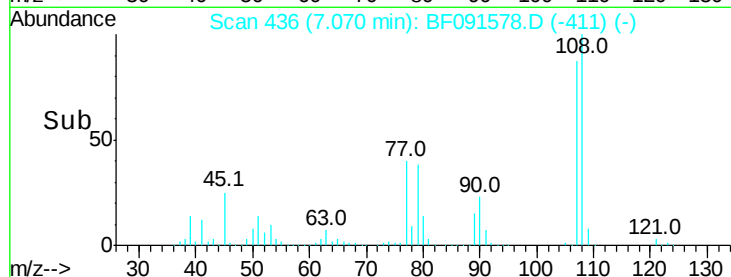
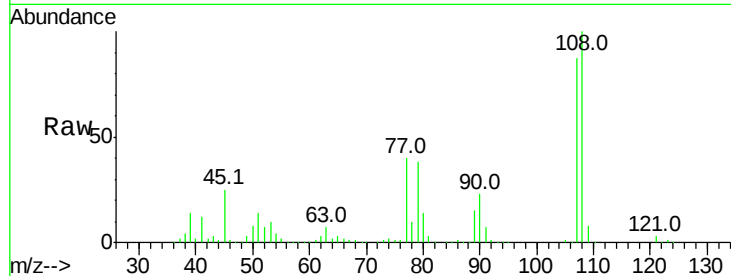
#17
2-Methylphenol
Concen: 43.60 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	67.7	101.5#
77	46.6	40.7	61.1
79	44.3	23.4	35.2#

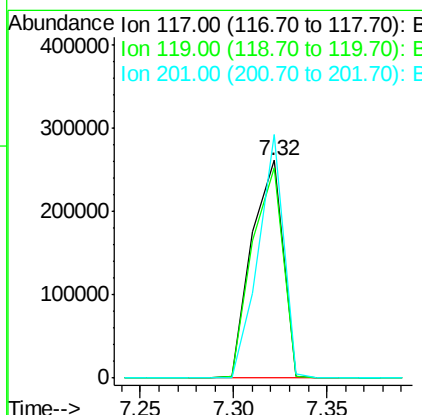
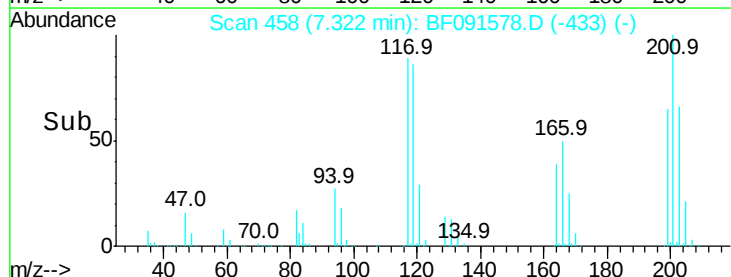
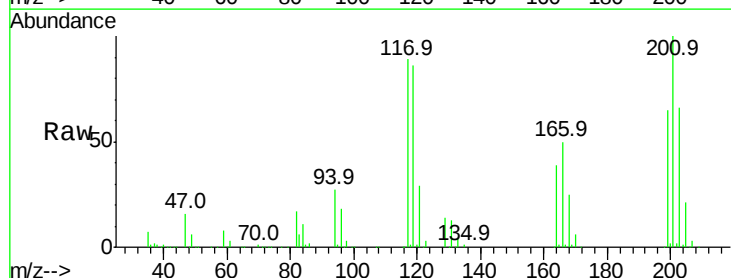
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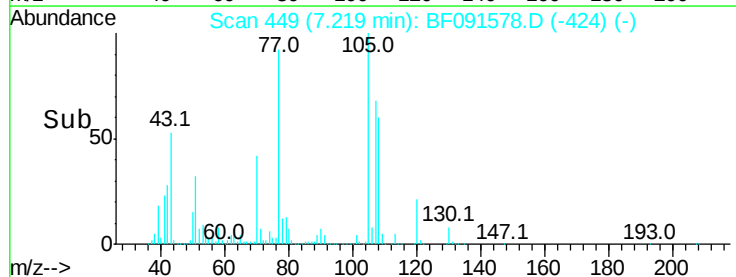
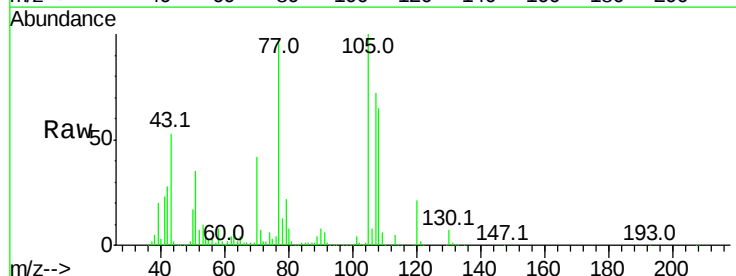
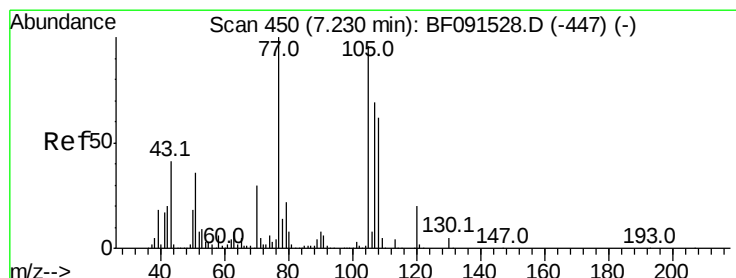
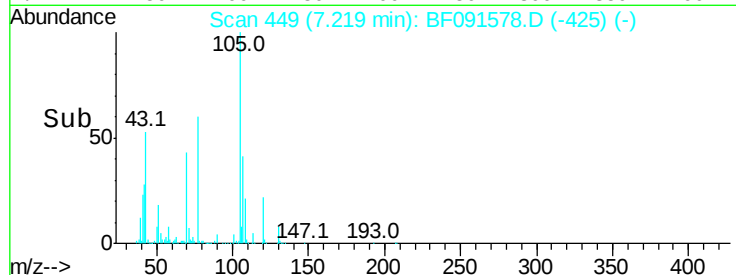
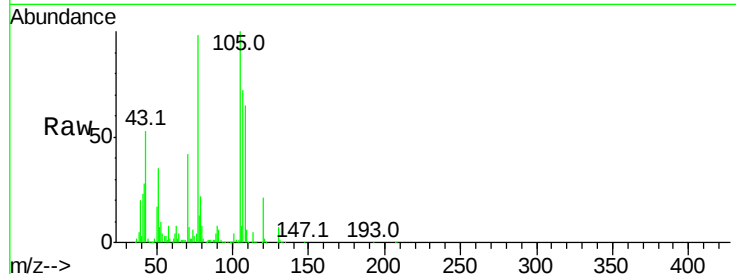
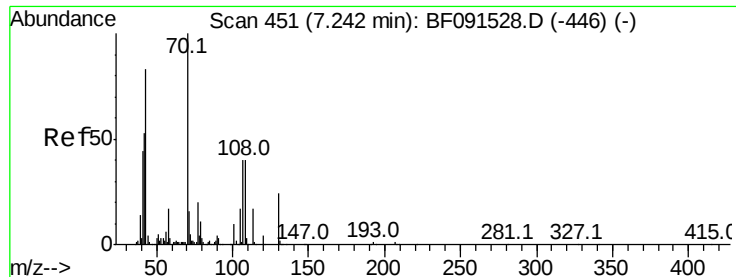
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#18
Hexachloroethane
Concen: 41.85 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.6	118.0
201	111.8	86.7	130.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.89 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 477295

Ion Ratio Lower Upper

70 100

42 65.4 64.8 97.2

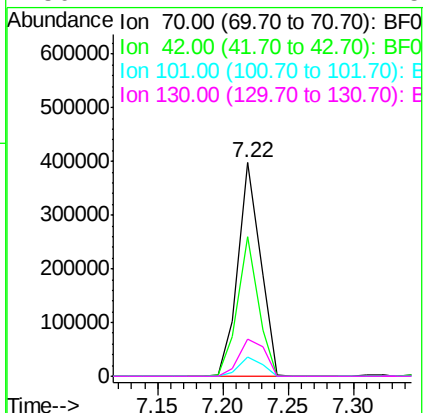
101 9.0 6.2 9.4

130 17.7 11.7 17.5#

Manual Integrations

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#20

3+4-Methylphenols

Concen: 41.69 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Tgt Ion: 107 Resp: 648809

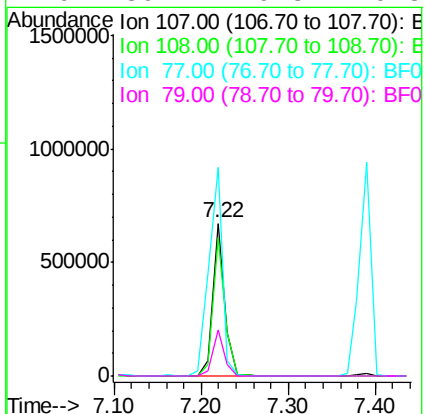
Ion Ratio Lower Upper

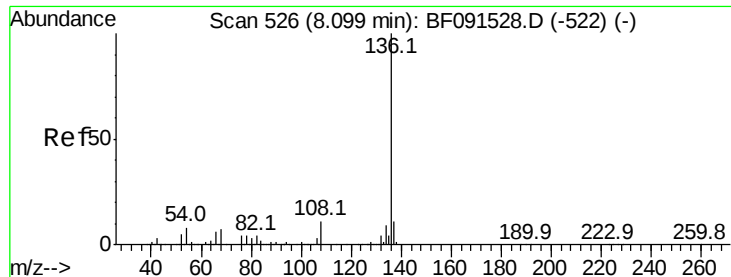
107 100

108 90.9 64.6 104.6

77 136.3 30.9 70.9#

79 30.2 9.3 49.3





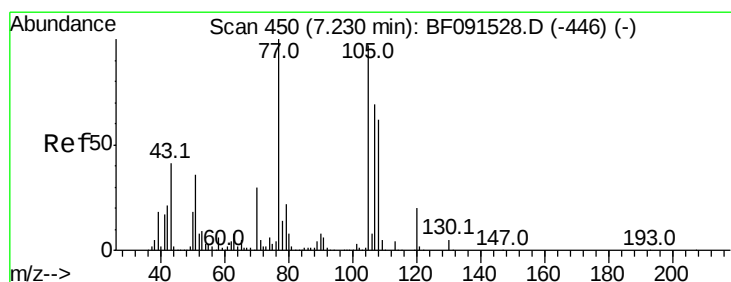
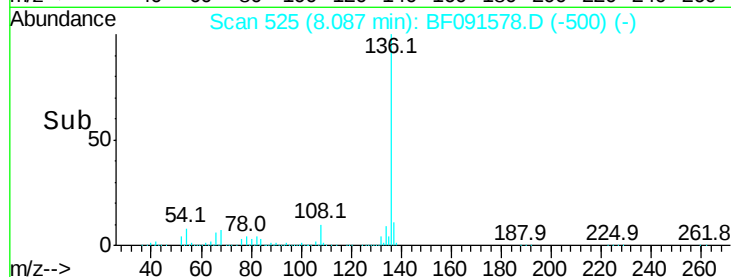
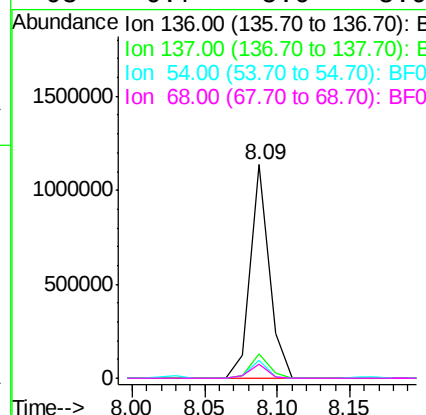
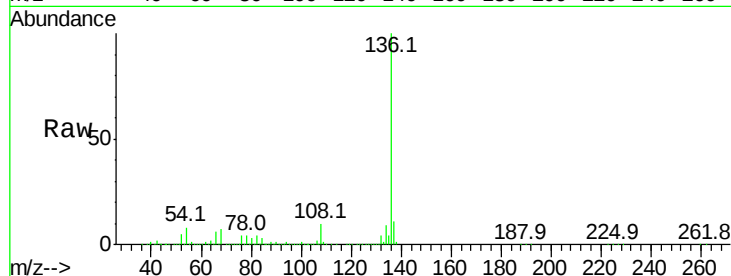
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.5	9.1	13.7#
68	6.7	5.9	8.9

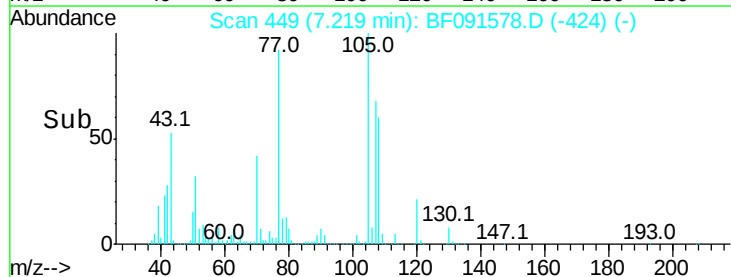
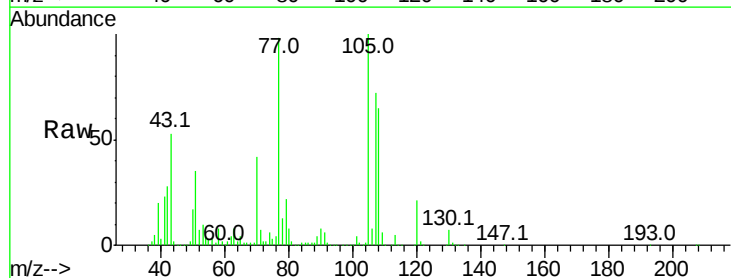
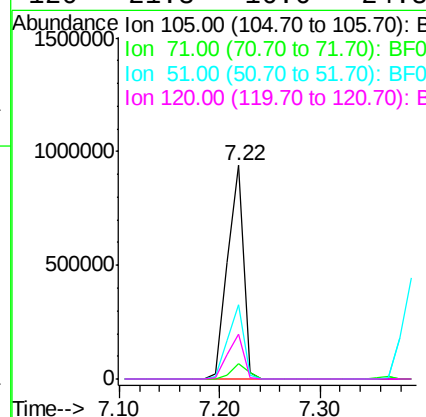
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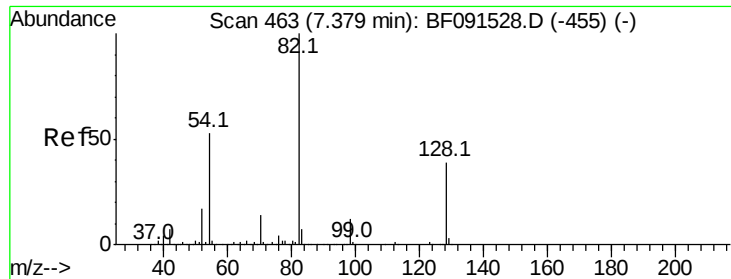
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#22
Acetophenone
Concen: 42.03 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.3	7.9	11.9#
51	34.7	24.5	36.7
120	21.3	16.6	24.8





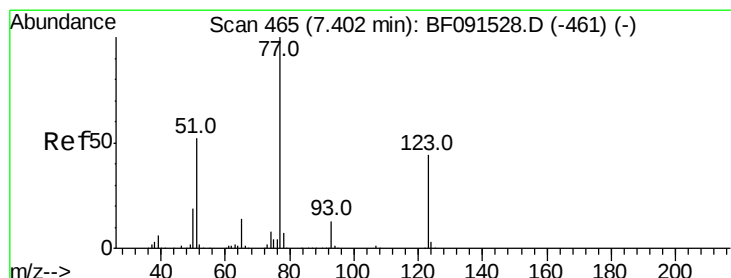
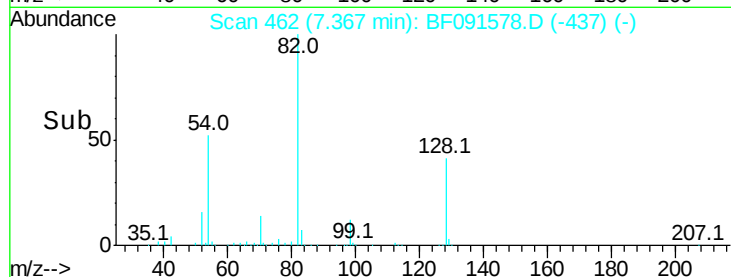
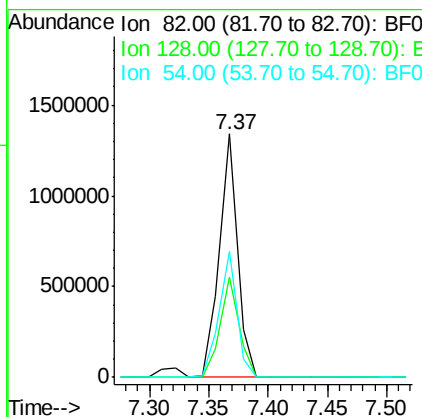
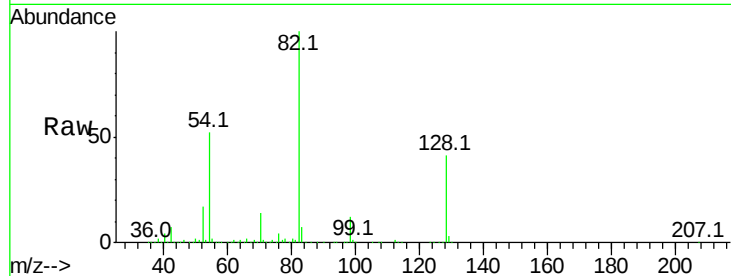
#23
Nitrobenzene-d5
Concen: 76.91 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.8	47.6
54	51.9	49.1	73.7

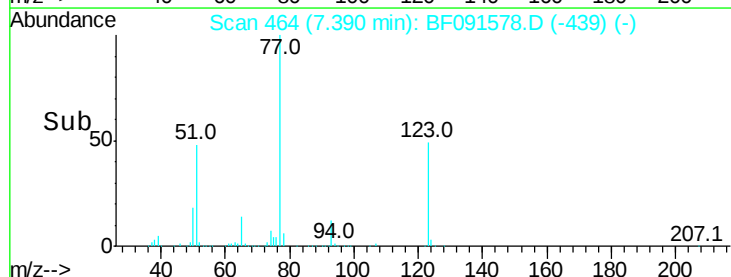
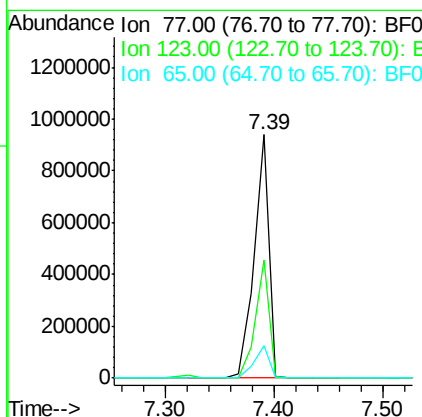
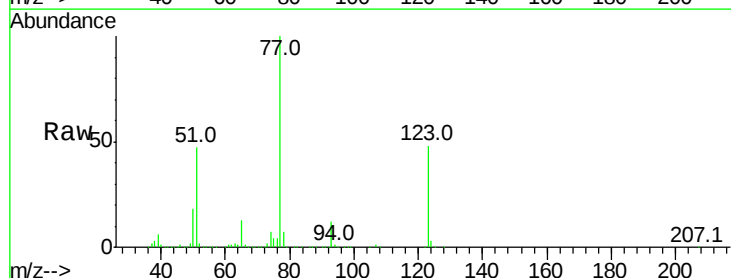
Manual Integrations
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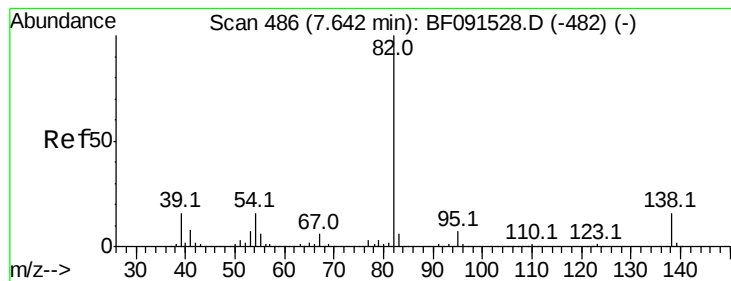
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#24
Nitrobenzene
Concen: 45.42 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	28.5	42.7#
65	13.5	12.5	18.7





#25

Isophorone

Concen: 40.76 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1335904

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

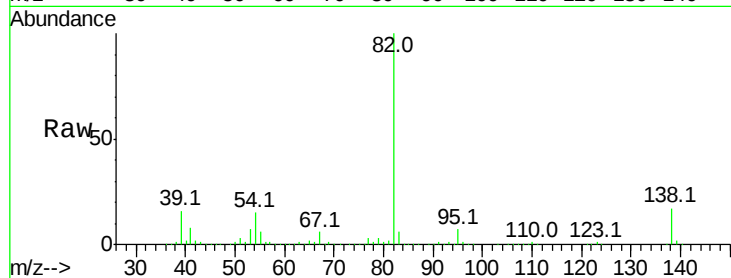
138 16.6 13.4 20.0

Manual Integrations

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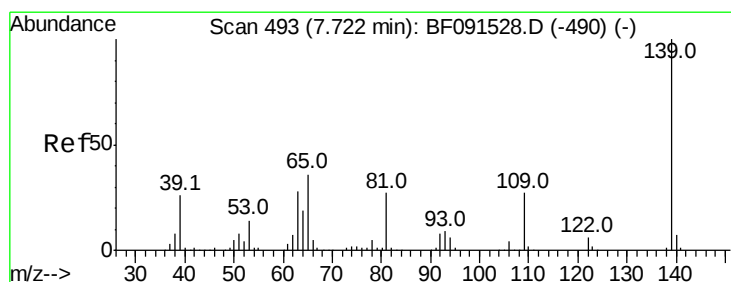
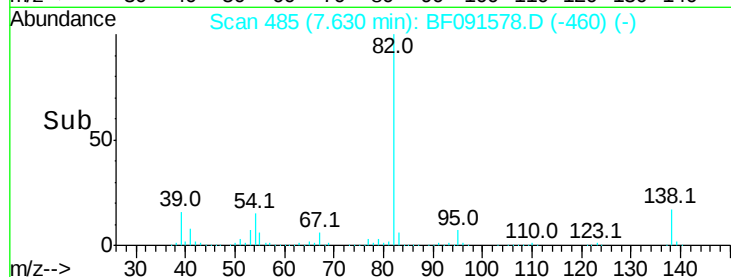
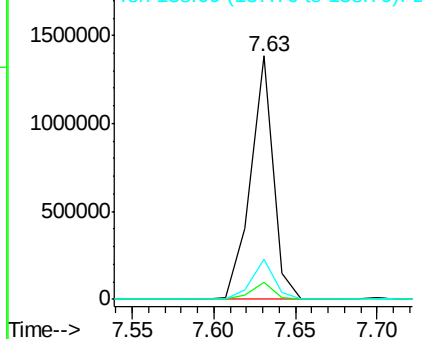
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.70 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

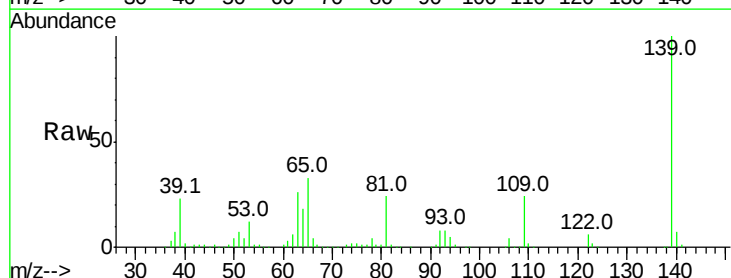
Tgt Ion:139 Resp: 375659

Ion Ratio Lower Upper

139 100

109 24.3 25.3 37.9#

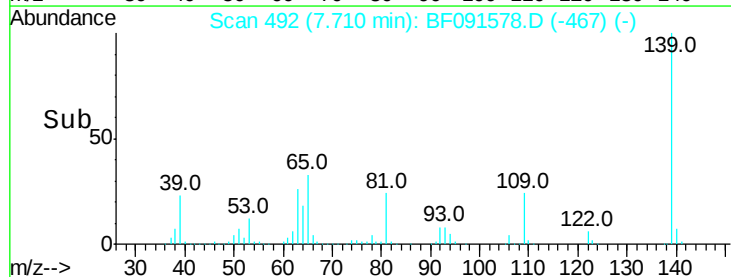
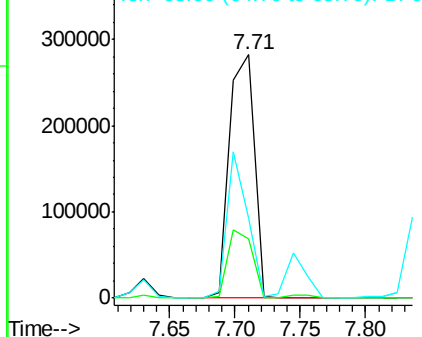
65 32.8 55.4 83.2#

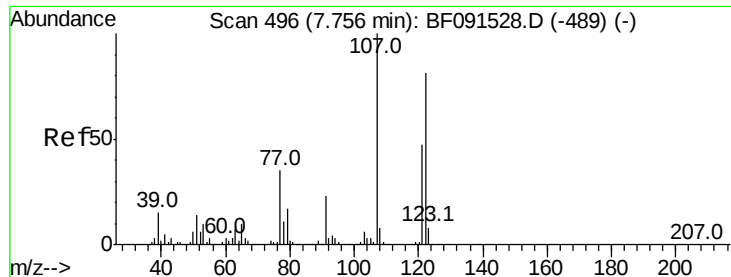


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.38 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

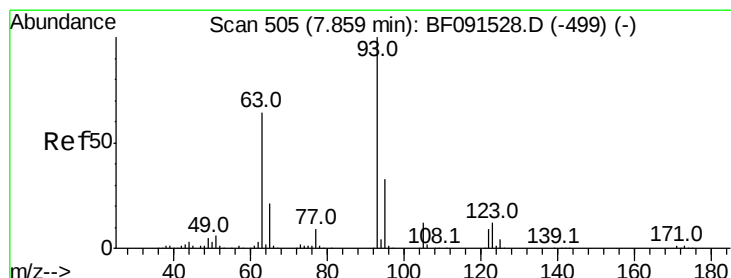
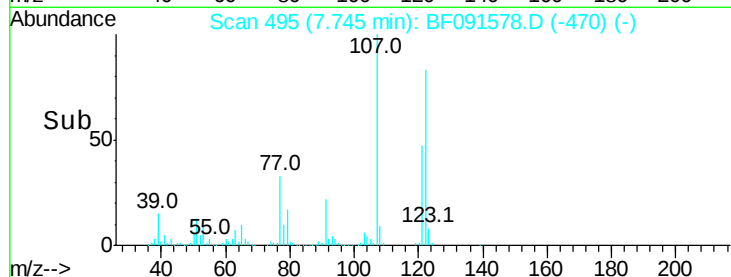
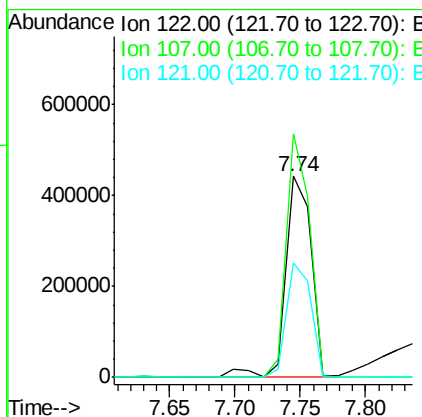
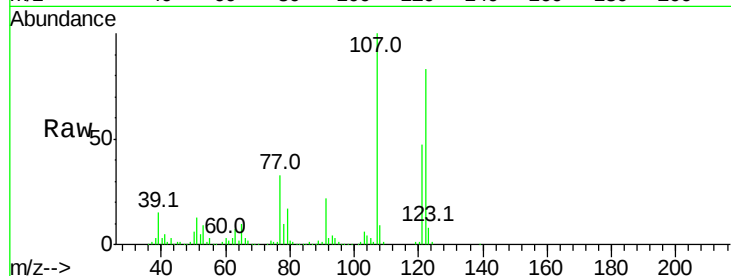
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	609738
Ion Ratio	Lower	Upper	
122	100		
107	121.1	96.8	145.2
121	56.8	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 44.47 ng

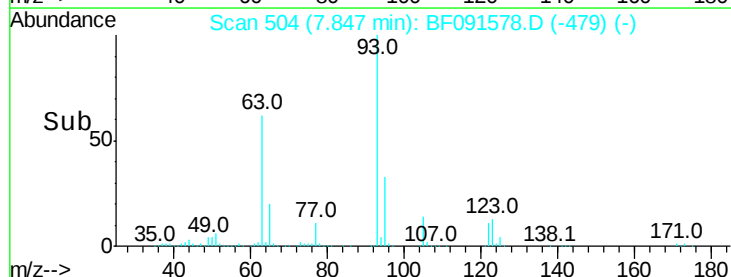
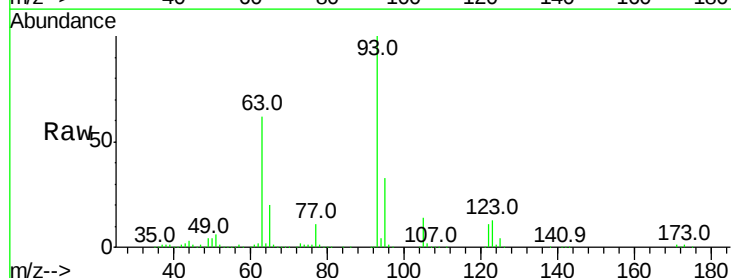
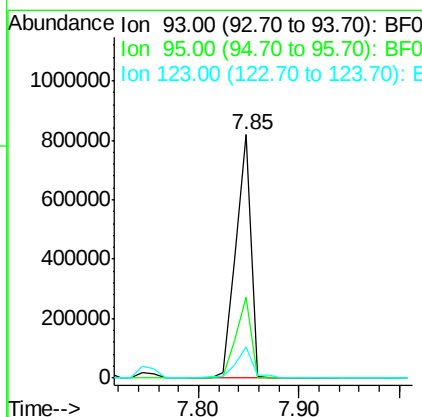
RT: 7.85 min Scan# 504

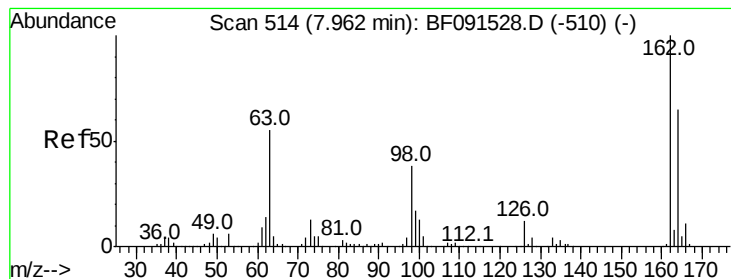
Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Tgt Ion:	93	Resp:	854767
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.0	39.0
123	12.7	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 43.33 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

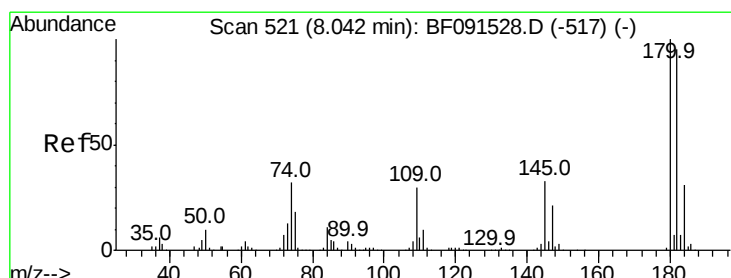
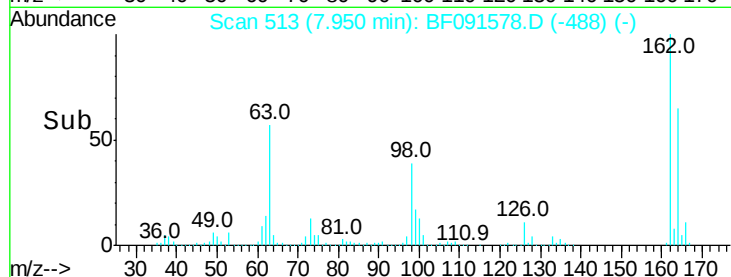
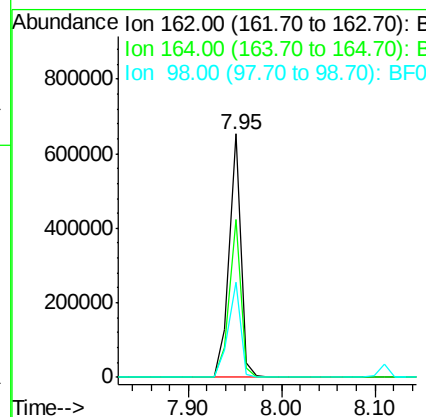
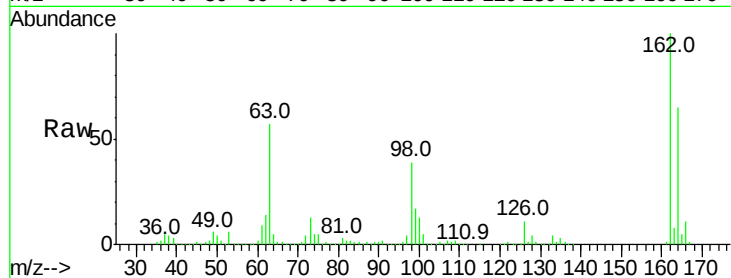
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	569245
Ion Ratio	Lower	Upper	
162	100		
164	64.7	45.0	85.0
98	39.1	21.3	61.3

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#30

1,2,4-Trichlorobenzene

Concen: 40.48 ng

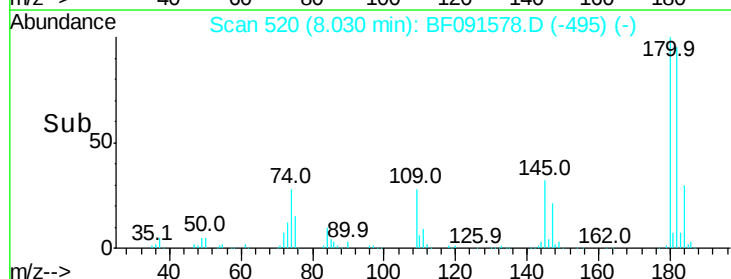
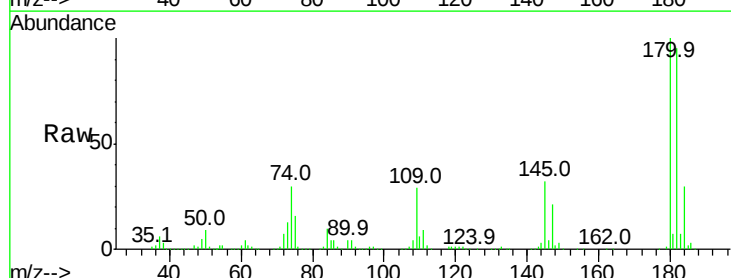
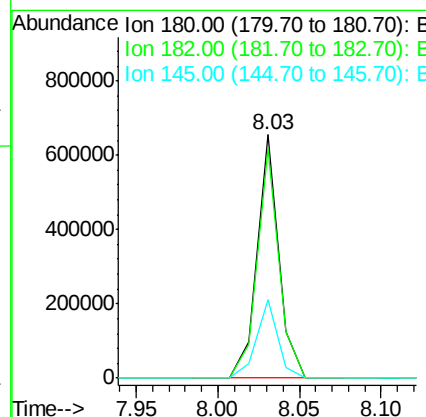
RT: 8.03 min Scan# 520

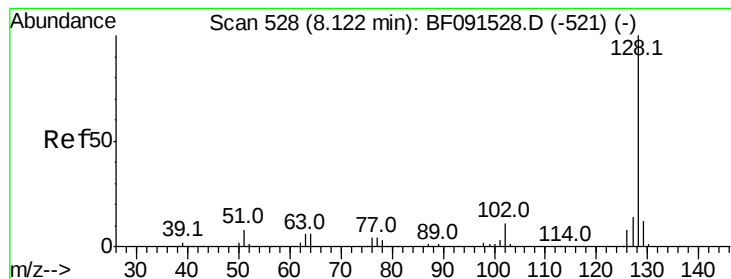
Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Tgt Ion:	180	Resp:	604385
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.8	113.8
145	32.4	27.0	40.4





#31

Naphthalene

Concen: 40.83 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1954498

Ion Ratio Lower Upper

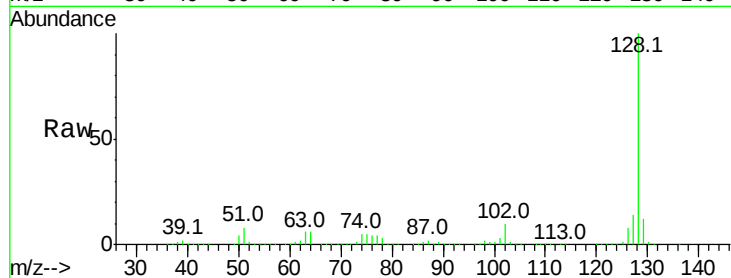
128 100

129 11.6 9.1 13.7

127 13.6 11.0 16.4

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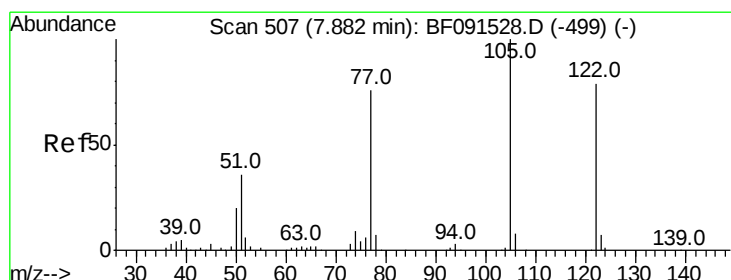
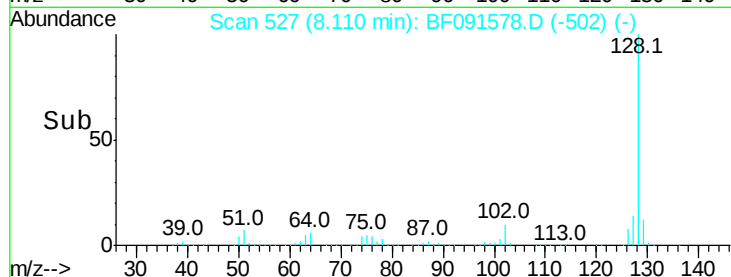
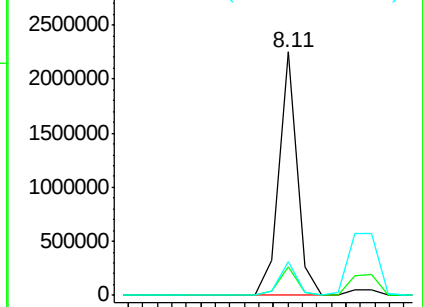
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.89 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

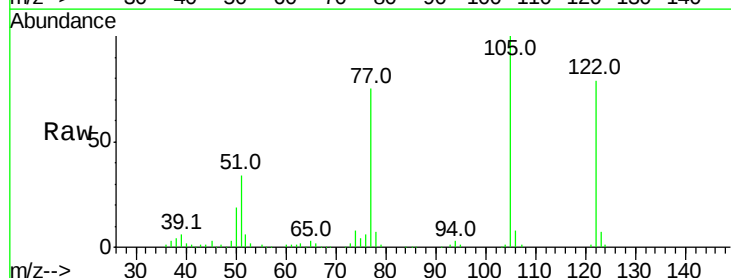
Tgt Ion:122 Resp: 458463

Ion Ratio Lower Upper

122 100

105 127.0 113.0 153.0

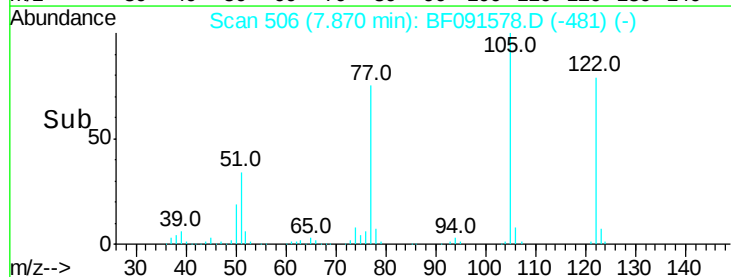
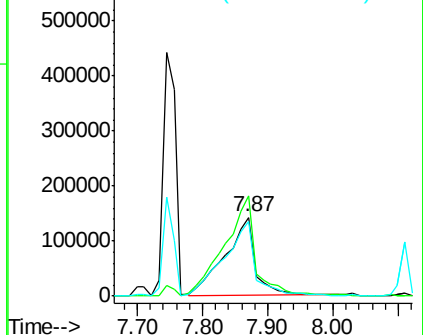
77 94.7 82.0 122.0

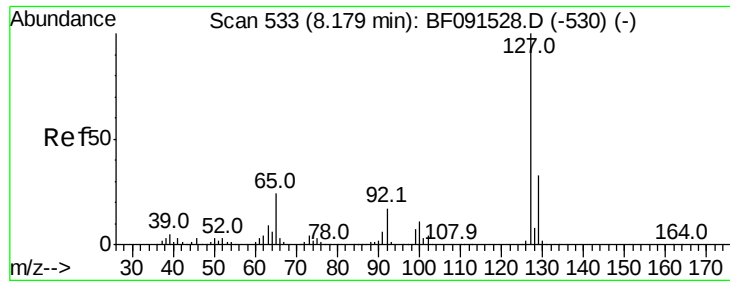


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





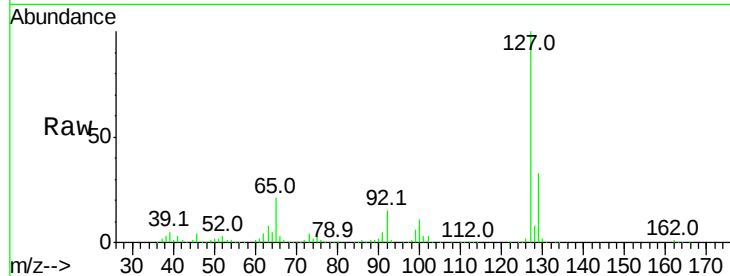
#33
4-Chloroaniline
Concen: 40.17 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

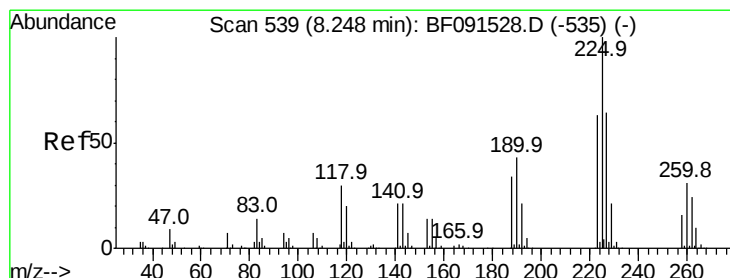
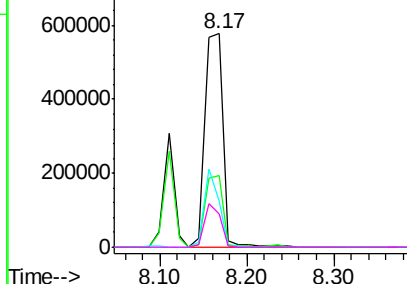
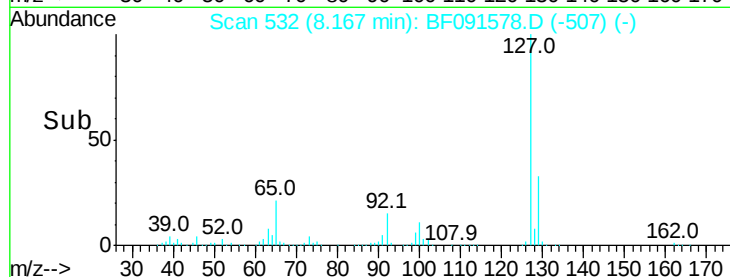
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.2	39.4		
65	21.4	26.6	39.8		
92	15.5	15.4	23.0		

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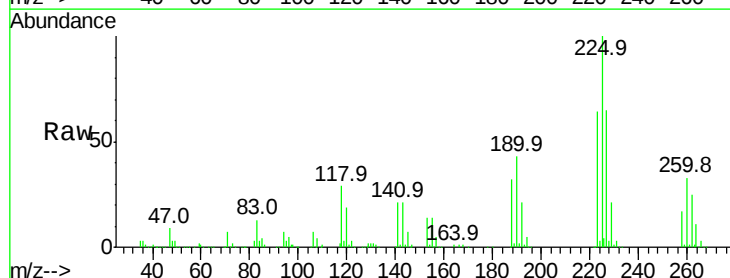


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

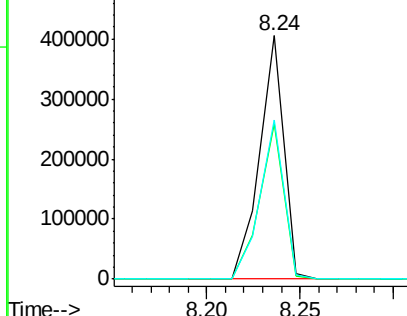
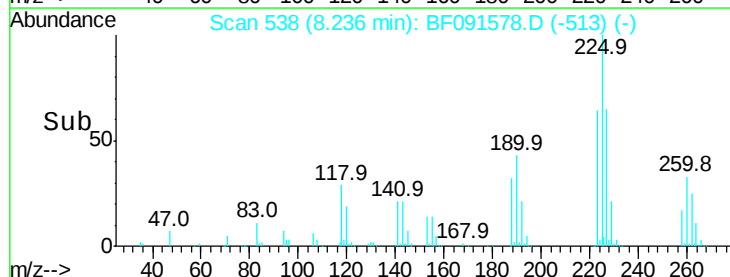


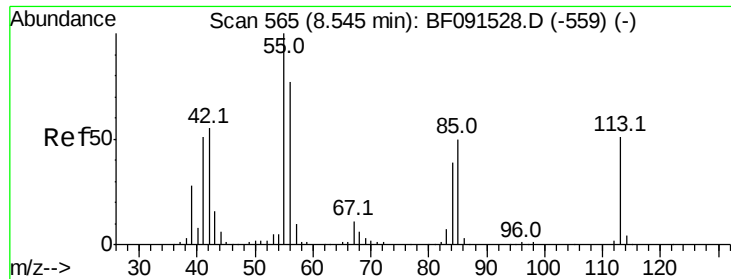
#34
Hexachlorobutadiene
Concen: 42.43 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	49.8	74.6		
227	65.4	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





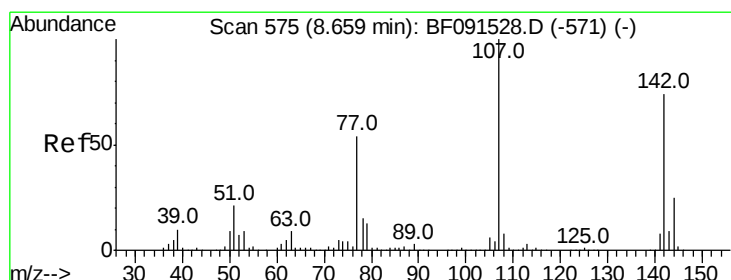
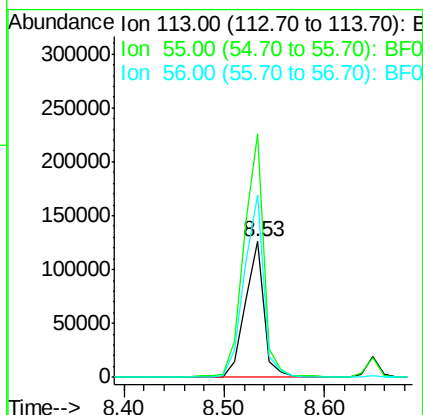
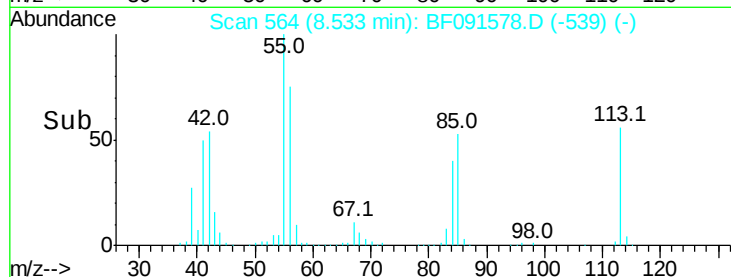
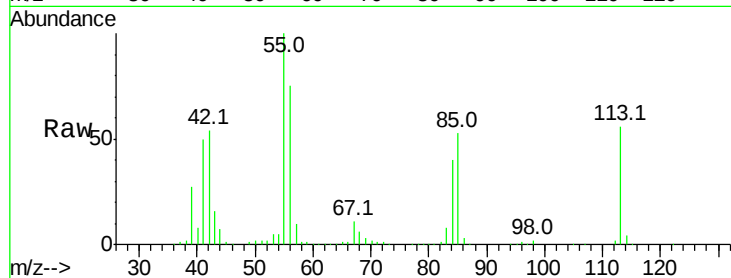
#35
Caprolactam
Concen: 42.20 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	179.5	239.8	279.8#	
56	134.3	165.6	205.6#	

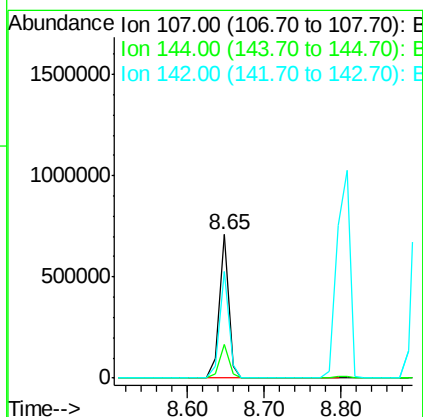
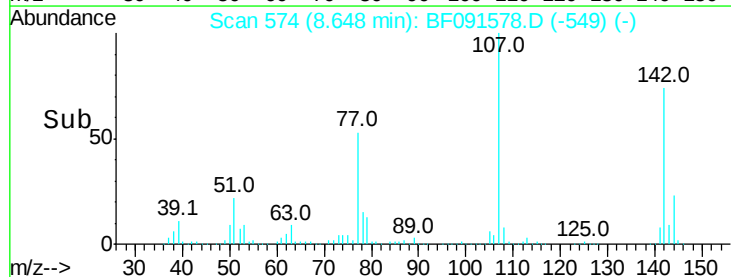
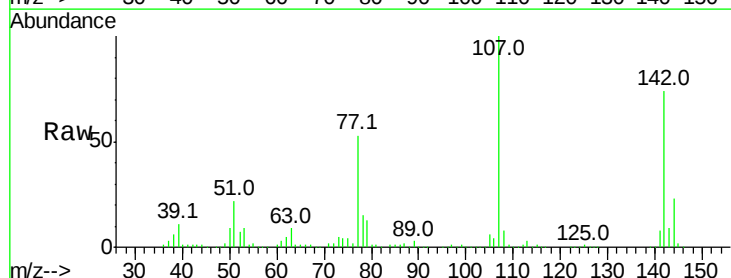
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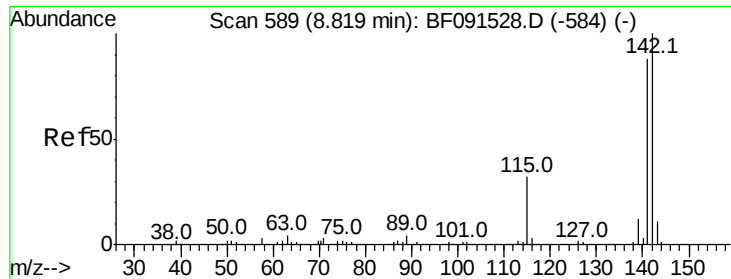
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#36
4-Chloro-3-methylphenol
Concen: 40.78 ng
RT: 8.65 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.5	18.9	28.3	
142	74.0	58.5	87.7	





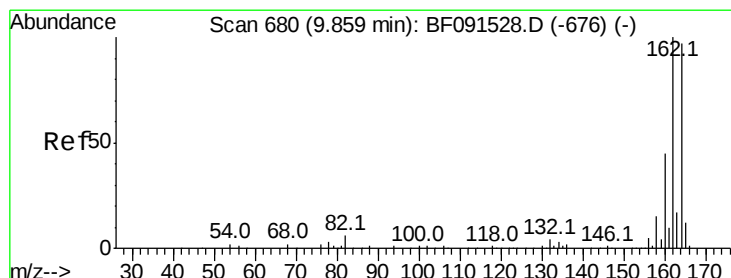
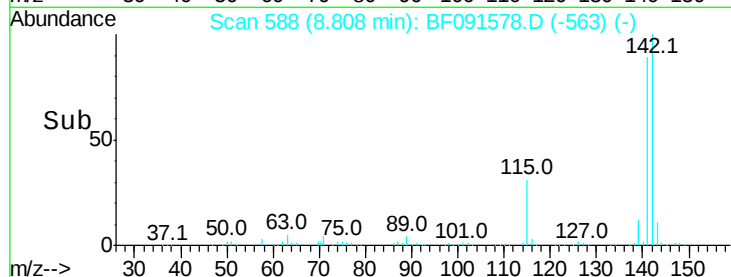
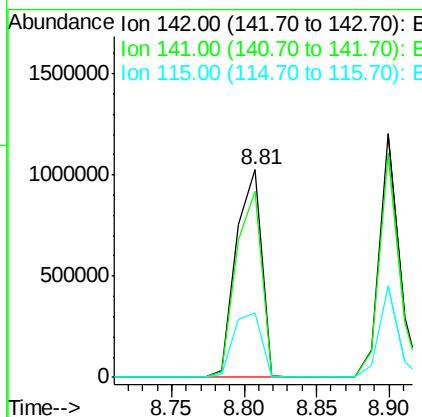
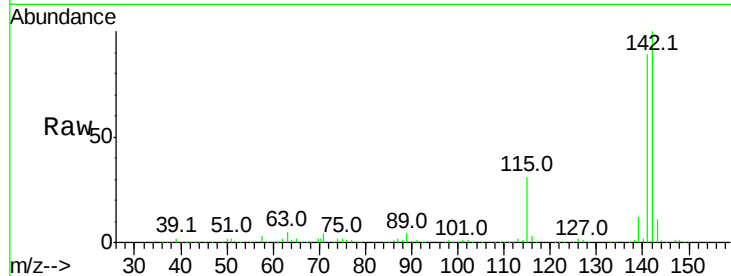
#37
2-Methylnaphthalene
Concen: 40.44 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1252862
Ion Ratio Lower Upper
142 100
141 89.4 71.7 107.5
115 31.0 25.0 37.6

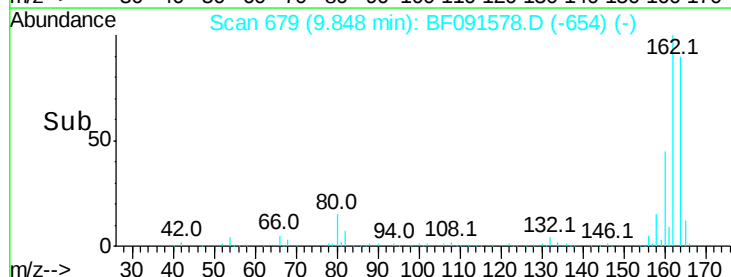
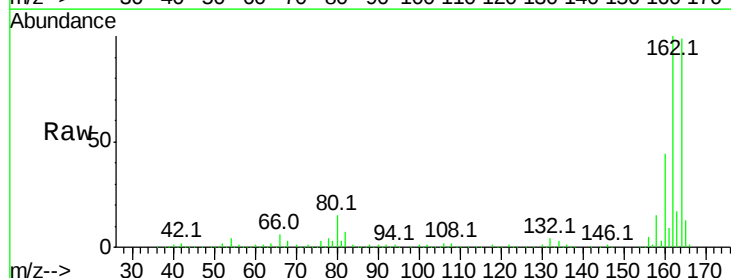
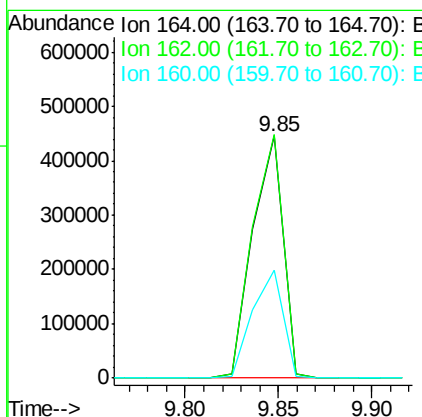
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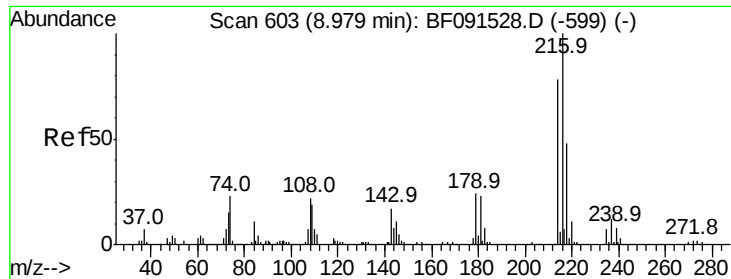
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion:164 Resp: 503066
Ion Ratio Lower Upper
164 100
162 100.6 82.6 124.0
160 44.6 36.7 55.1





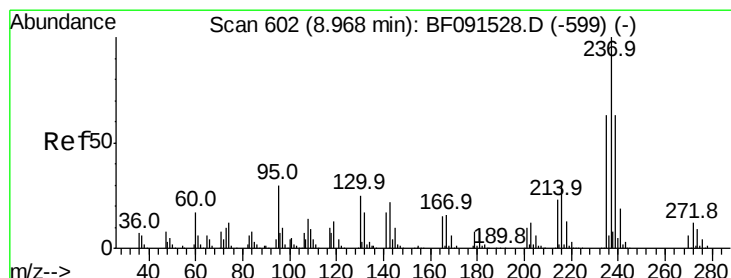
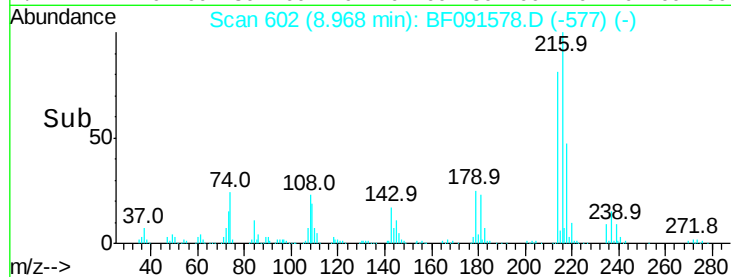
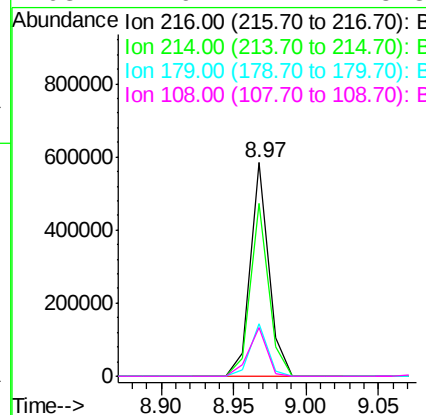
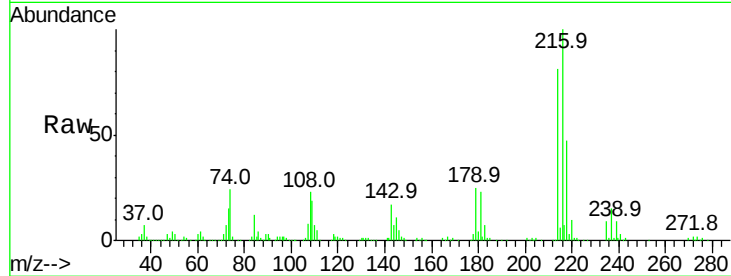
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.38 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	515738		
214	80.2	63.8	95.8	
179	23.2	18.2	27.2	
108	22.9	17.2	25.8	

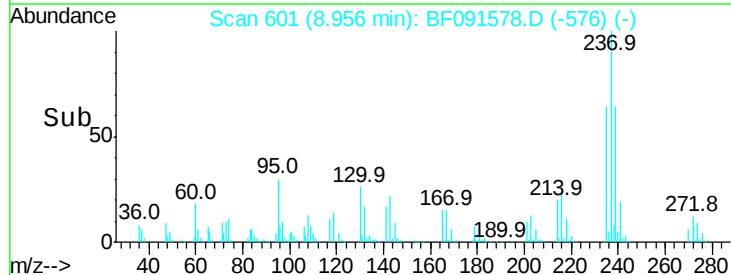
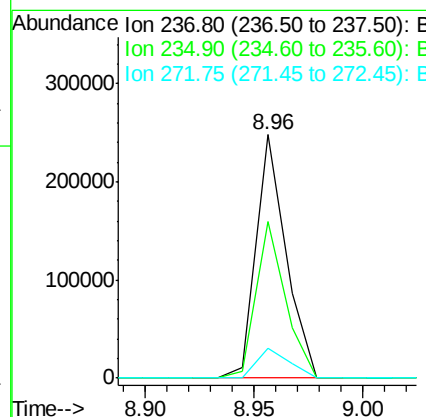
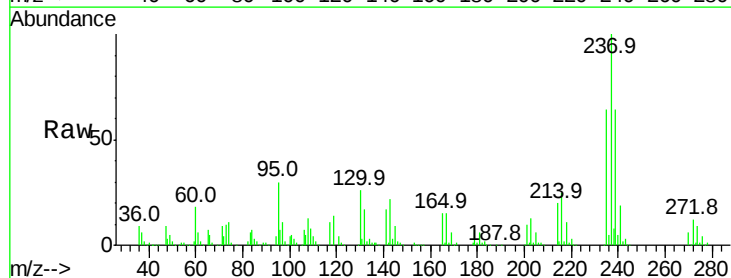
Manual Integrations
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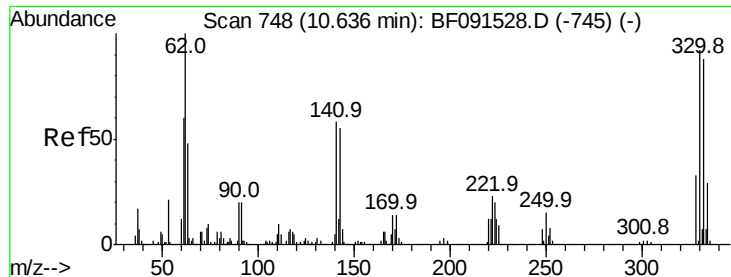
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#40
 Hexachlorocyclopentadiene
 Concen: 38.51 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	236867		
235	64.1	43.9	83.9	
272	12.4	0.0	33.1	





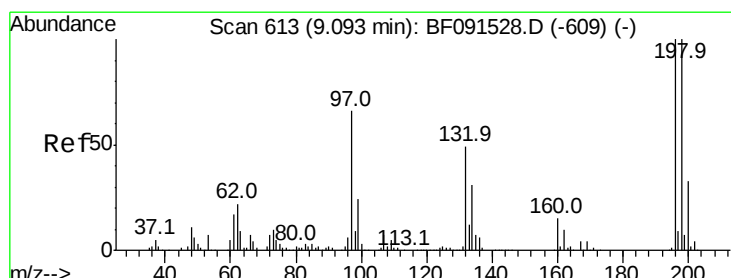
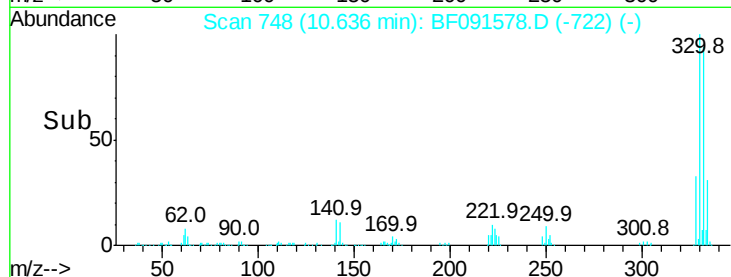
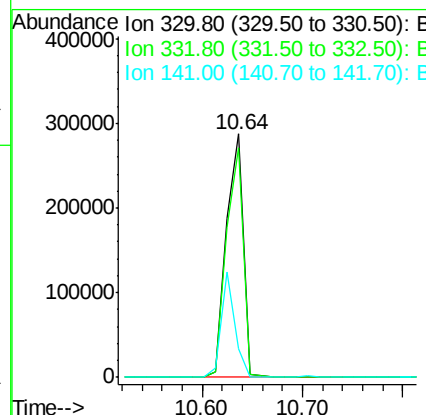
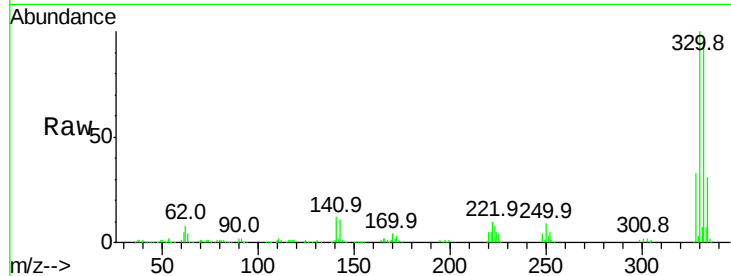
#41
 2,4,6-Tribromophenol
 Concen: 80.43 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.6	76.2	114.4	
141	34.9	33.6	50.4	

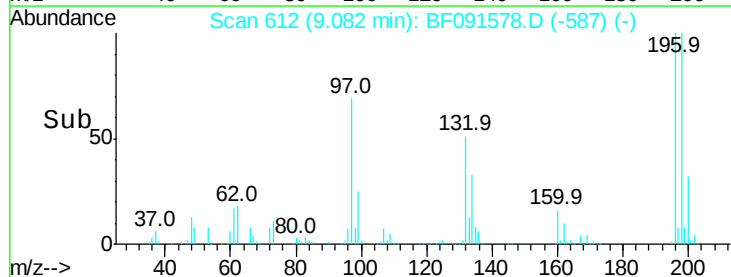
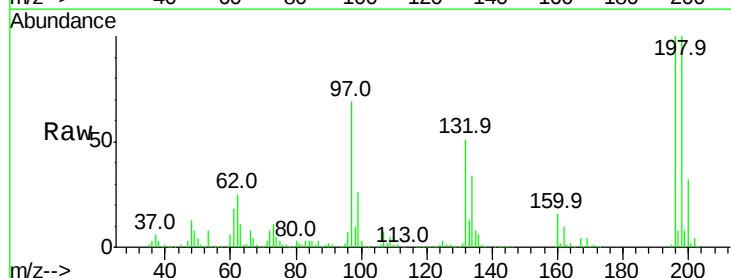
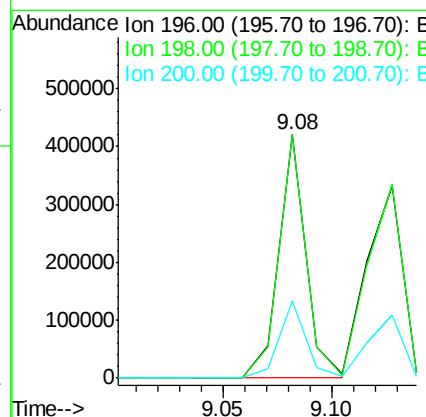
Manual Integrations
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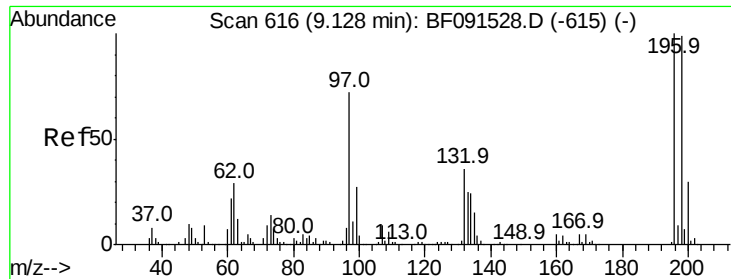
sohil
 12/15/2016 5:38:58 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.46 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.2	77.4	116.0	
200	31.8	25.2	37.8	





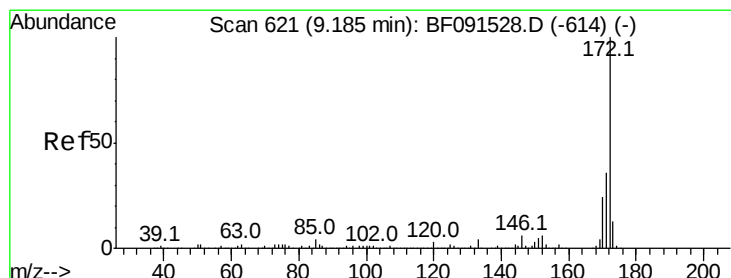
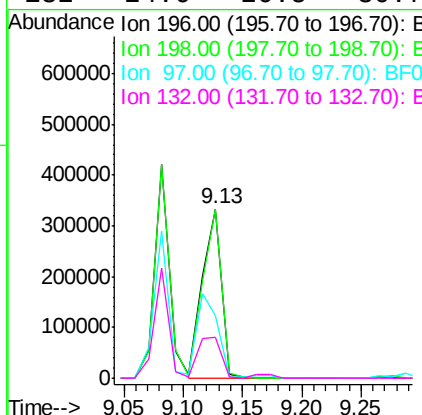
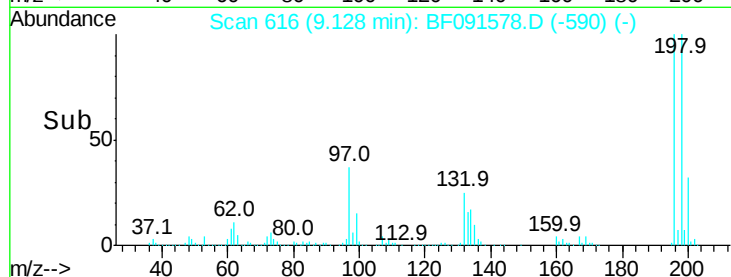
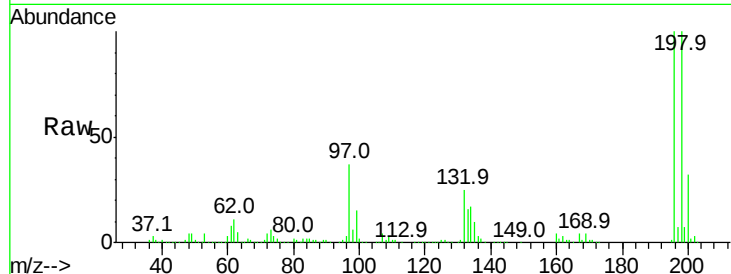
#43
 2,4,5-Trichlorophenol
 Concen: 41.31 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	376369
Ion Ratio	Lower	Upper	
196	100		
198	100.2	77.0	115.6
97	37.3	33.5	50.3
132	24.6	20.5	30.7

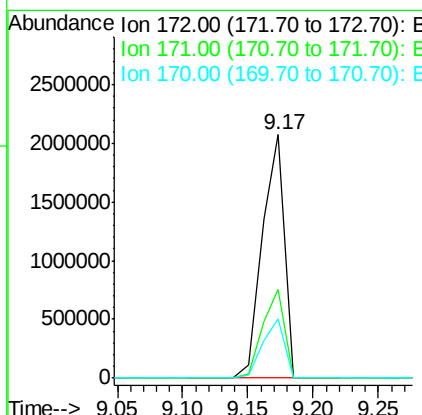
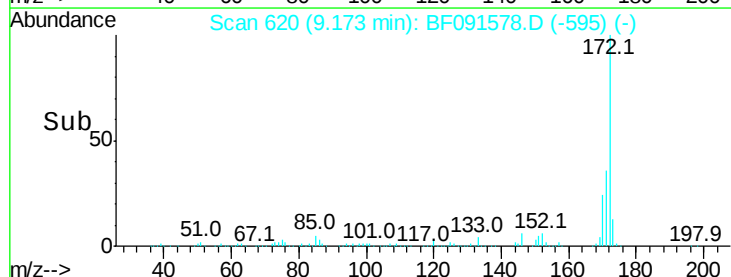
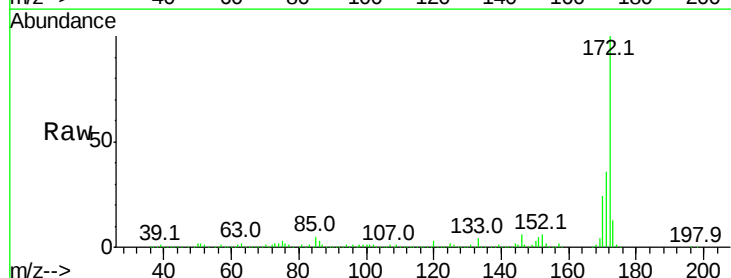
Manual Integrations
 APPROVED

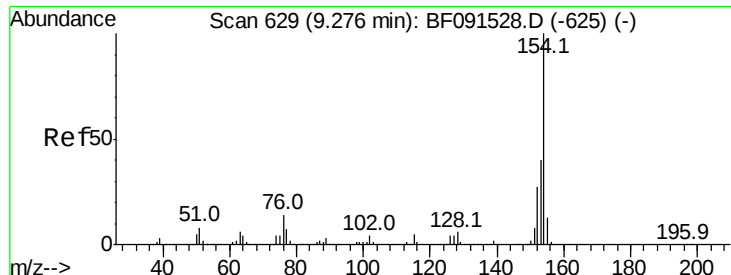
sohil
 12/15/2016 5:38:58 PM



#44
 2-Fluorobiphenyl
 Concen: 83.71 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Tgt Ion	172	Resp	2437265
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.4	44.0
170	24.4	19.7	29.5





#45

1,1'-Biphenyl

Concen: 38.90 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1417467

Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

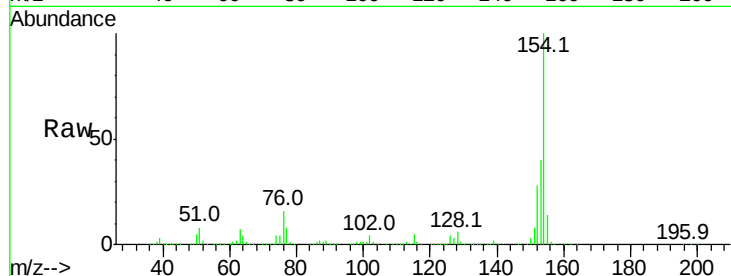
76 15.9 0.0 36.6

Manual Integrations

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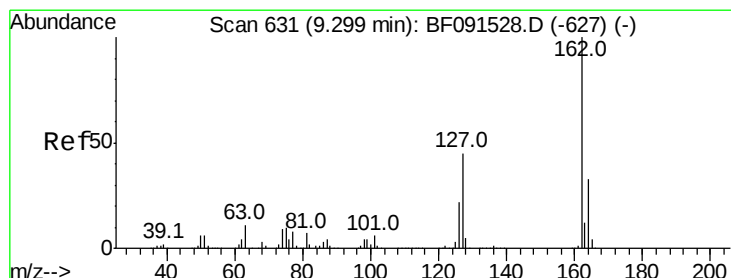
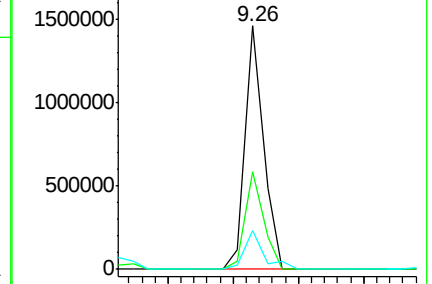
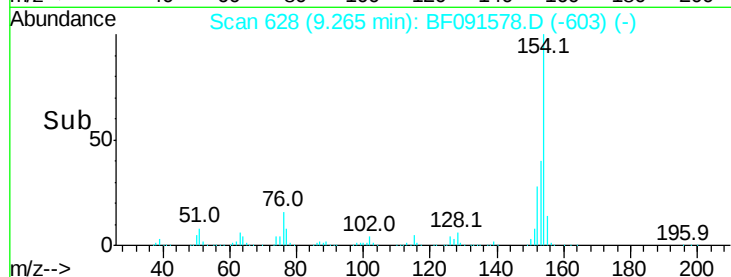
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.31 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

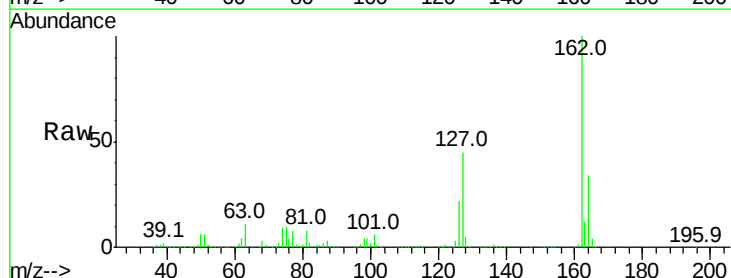
Tgt Ion:162 Resp: 1080882

Ion Ratio Lower Upper

162 100

127 44.9 34.3 51.5

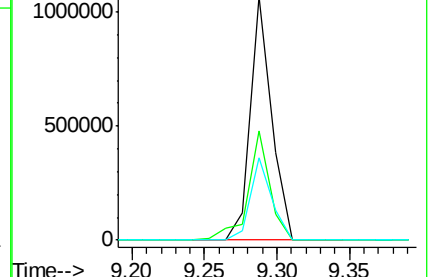
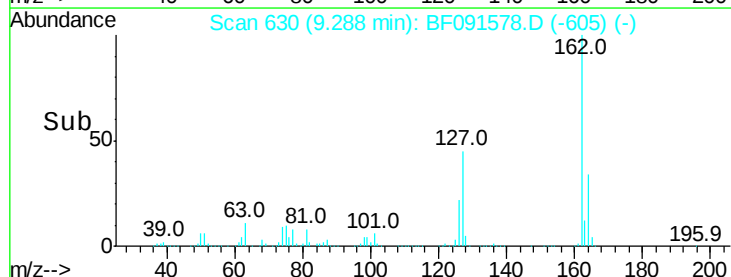
164 33.7 26.6 40.0

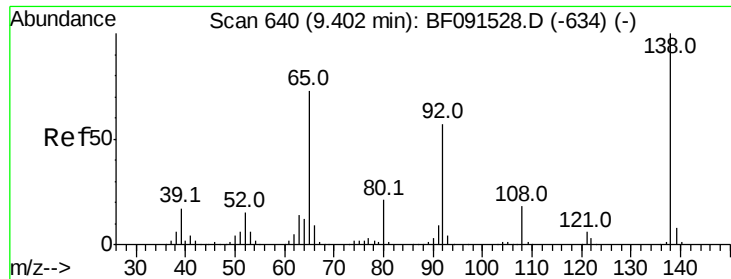


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





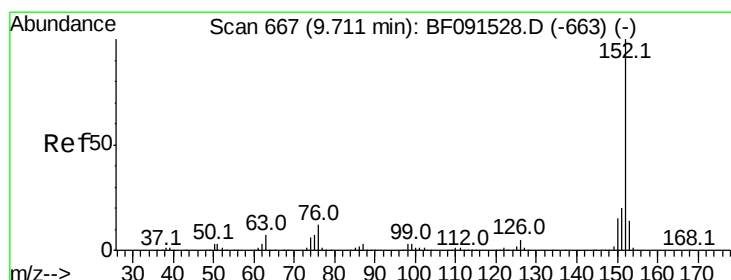
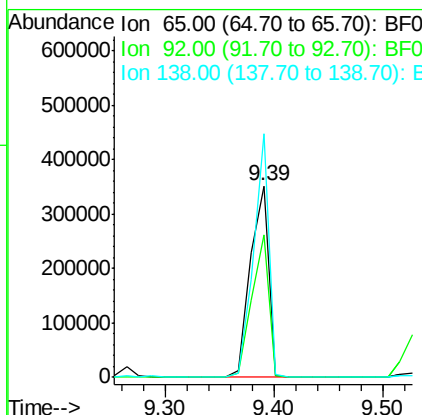
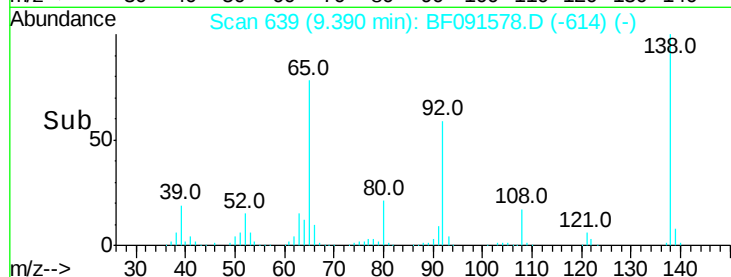
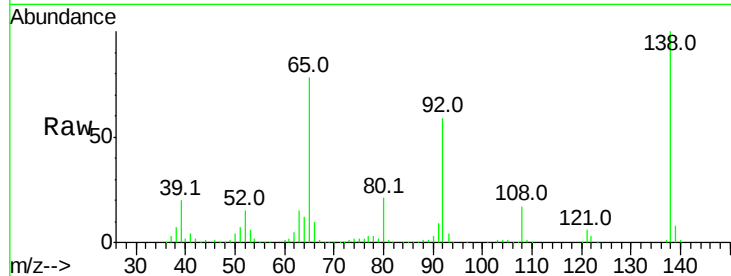
#47
2-Nitroaniline
Concen: 43.36 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.7	53.6	80.4
138	127.4	91.0	136.6

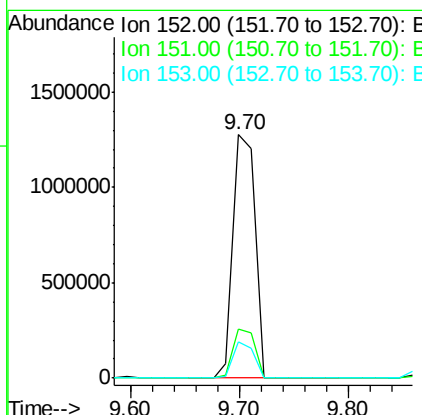
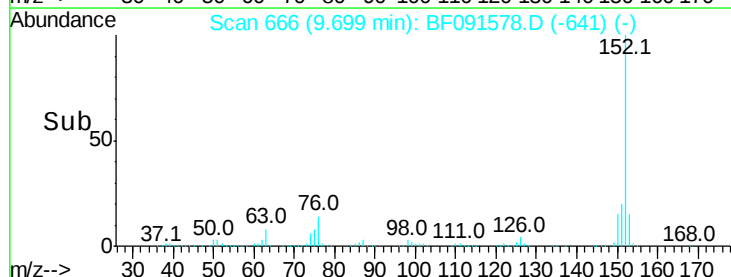
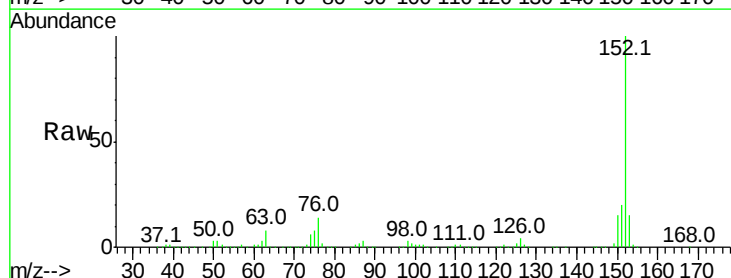
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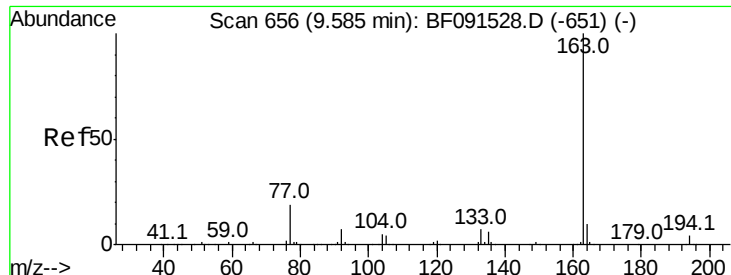
sohil
12/15/2016 5:38:58 PM



#48
Acenaphthylene
Concen: 40.91 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	24.8
153	14.7	10.7	16.1





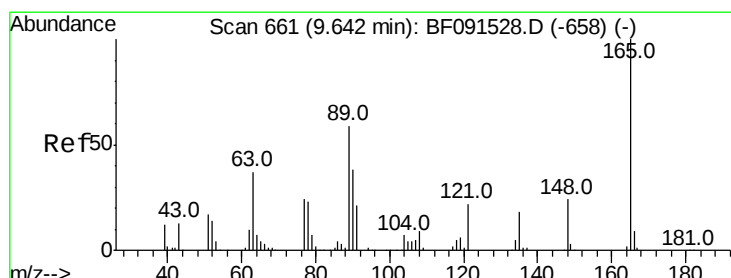
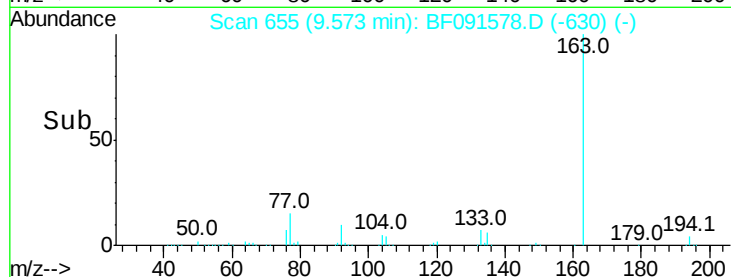
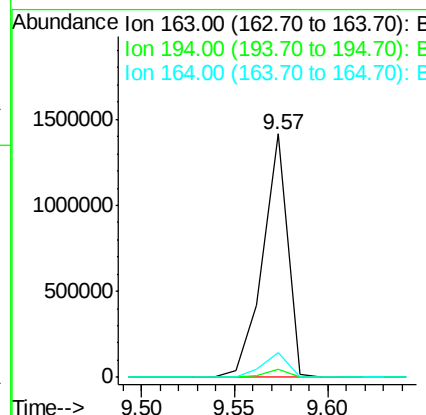
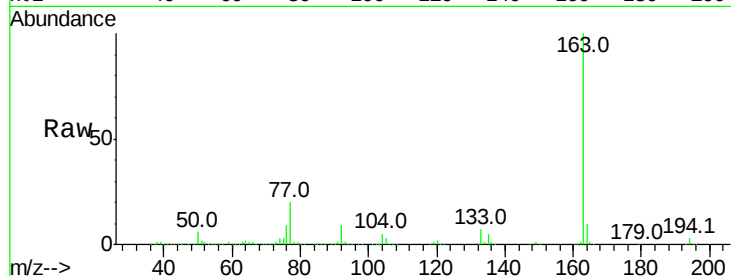
#49
Dimethylphthalate
Concen: 40.85 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.2	7.8	11.8

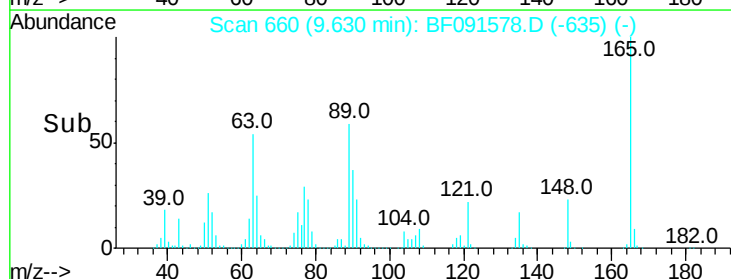
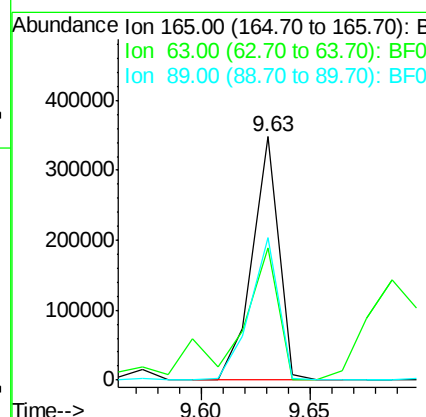
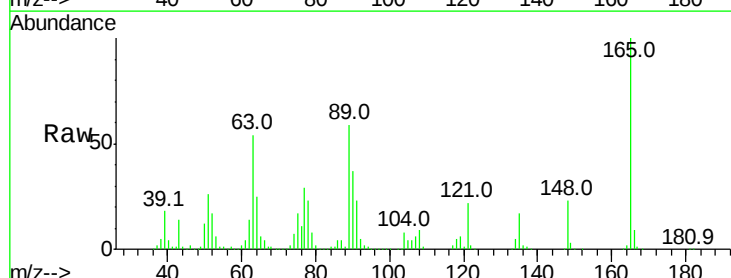
Manual Integrations
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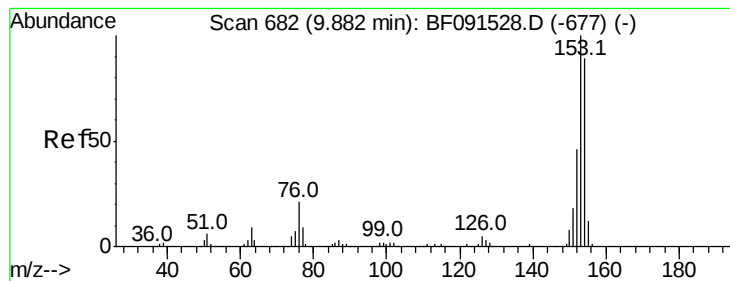
sohil
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#50
2,6-Dinitrotoluene
Concen: 42.29 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.2	59.4	89.0#
89	58.7	50.8	76.2





#51

Acenaphthene

Concen: 40.65 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1214457

Ion Ratio Lower Upper

154 100

153 112.3 91.0 136.6

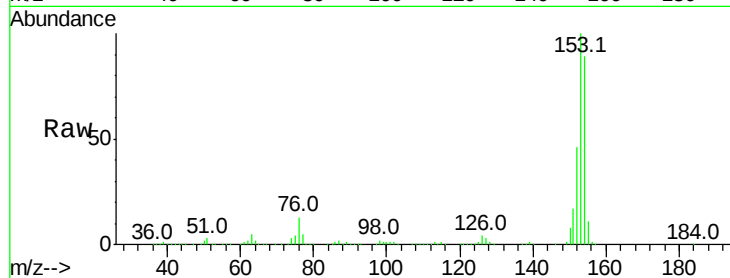
152 51.6 44.2 66.2

Manual Integrations

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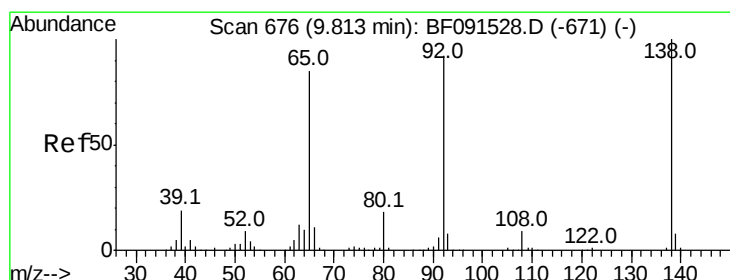
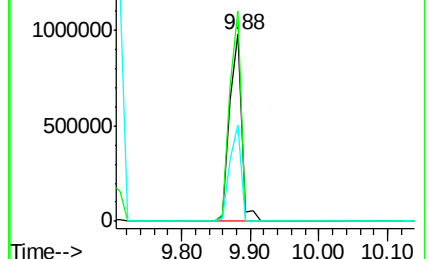
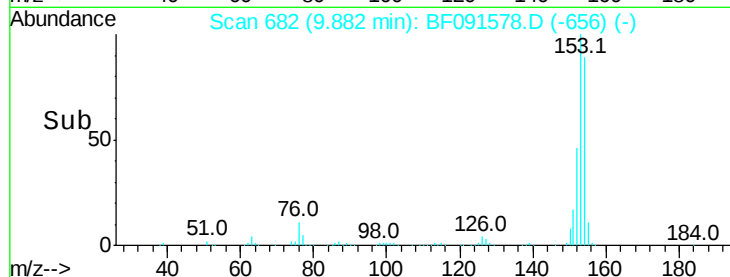
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.14 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

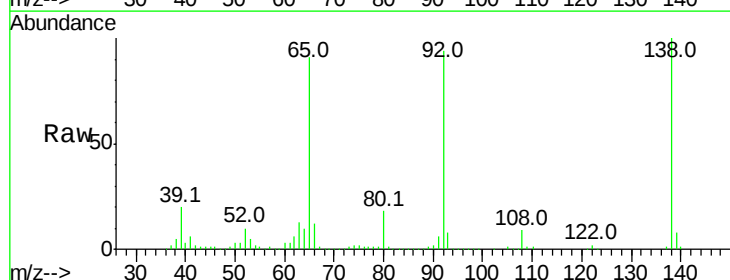
Tgt Ion:138 Resp: 354306

Ion Ratio Lower Upper

138 100

108 8.8 8.1 12.1

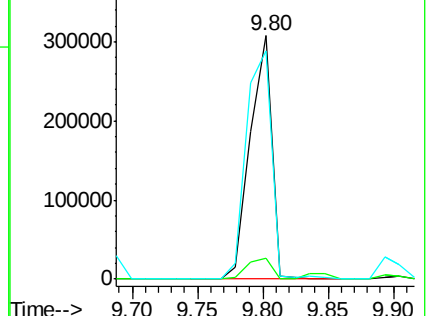
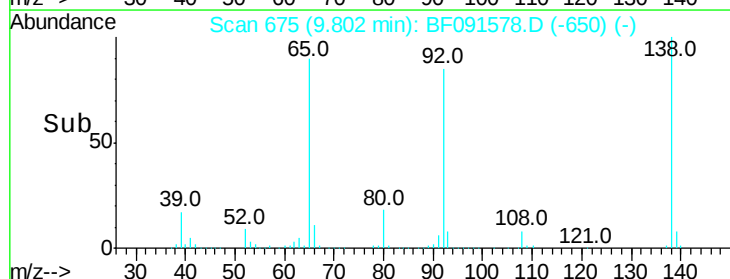
92 93.8 92.5 138.7

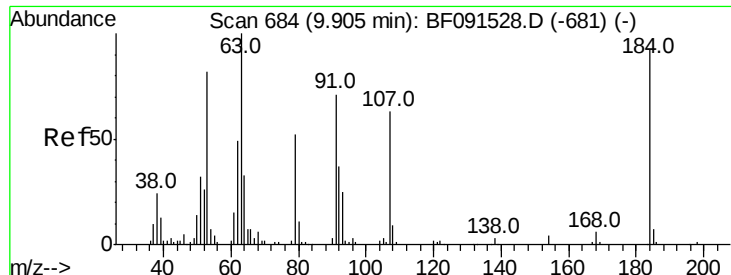


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





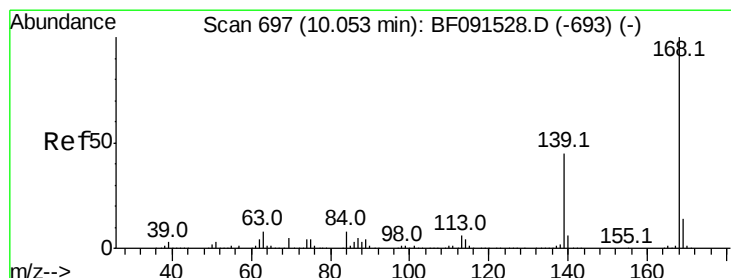
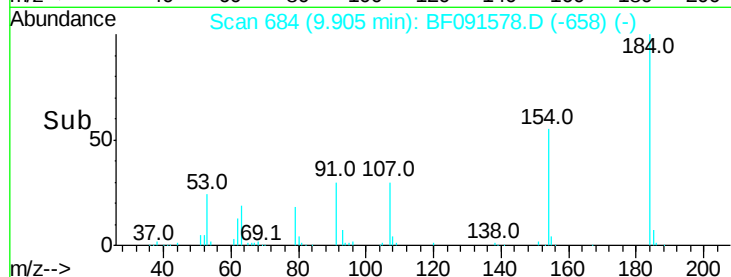
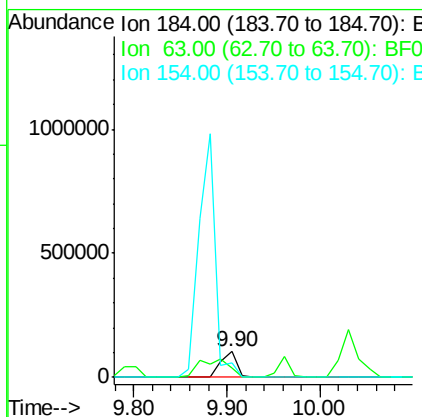
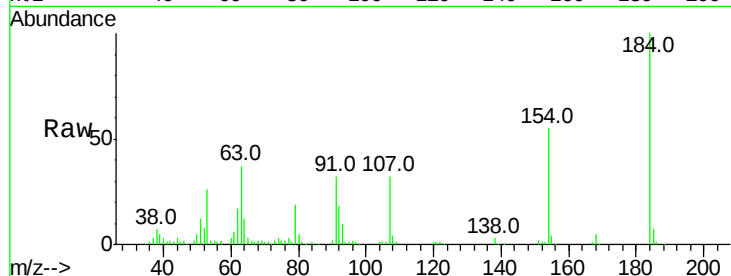
#53
2,4-Dinitrophenol
Concen: 39.31 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	37.0	58.3	87.5#
154	54.9	48.6	73.0

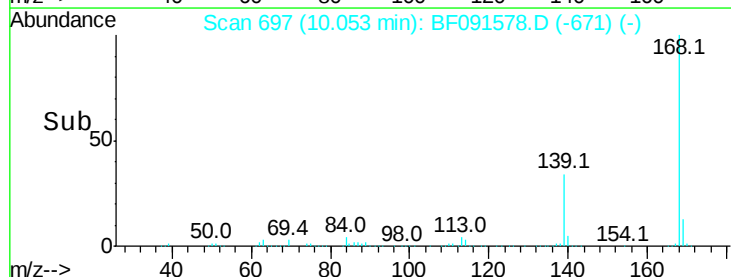
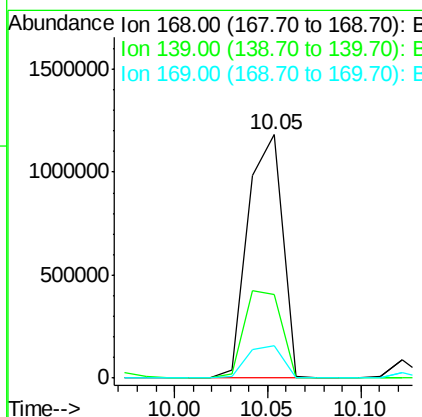
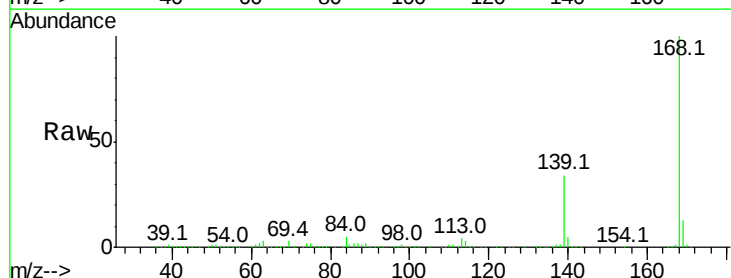
Manual Integrations
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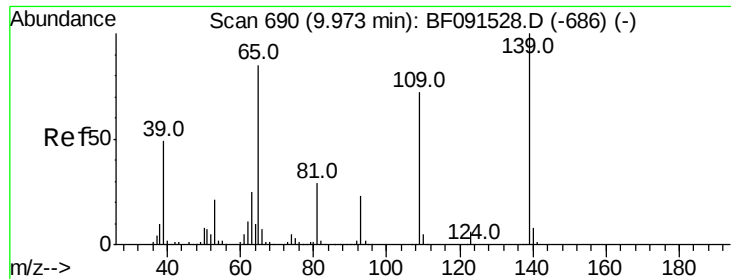
sohil
12/15/2016 5:38:58 PM



#54
Dibenzofuran
Concen: 41.07 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.4	33.4	50.2
169	13.1	11.1	16.7





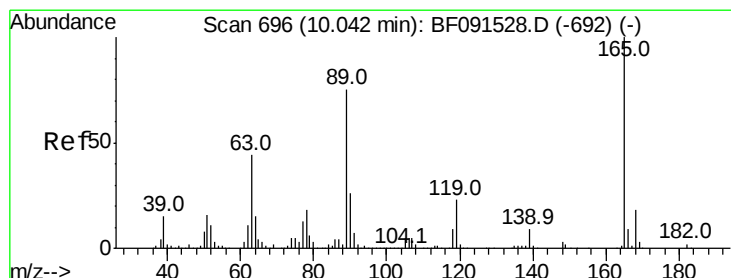
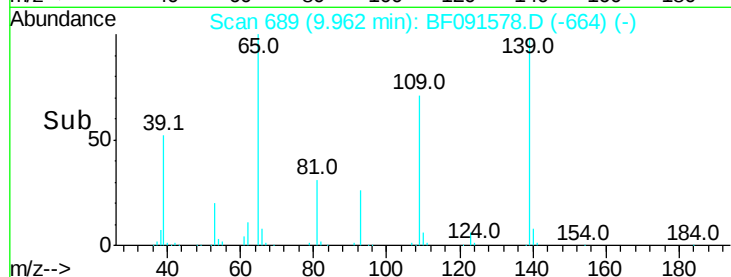
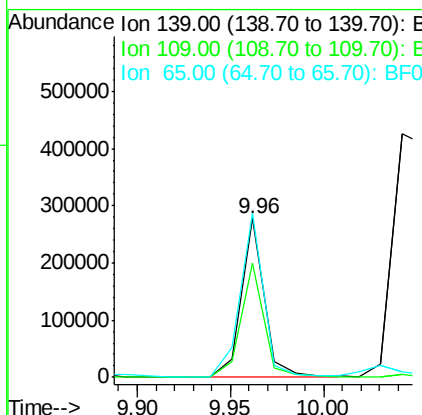
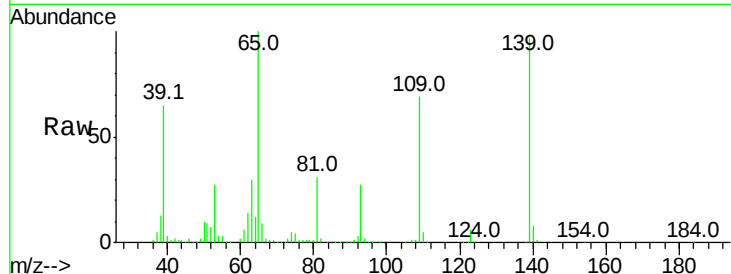
#55
4-Nitrophenol
Concen: 39.25 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.7	54.9	94.9
65	103.3	102.2	142.2

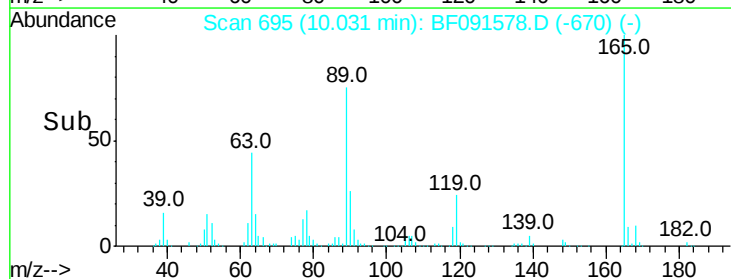
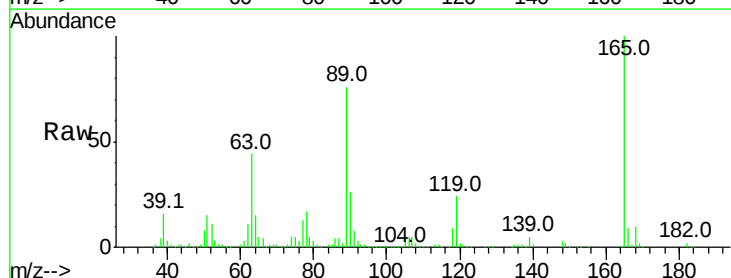
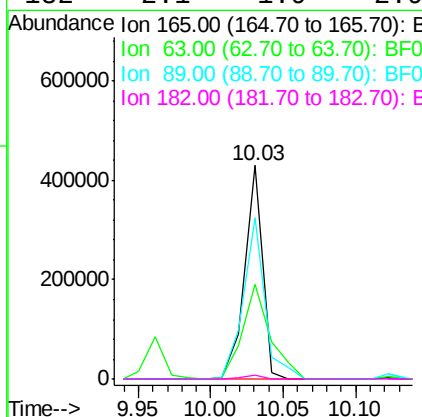
Manual Integrations
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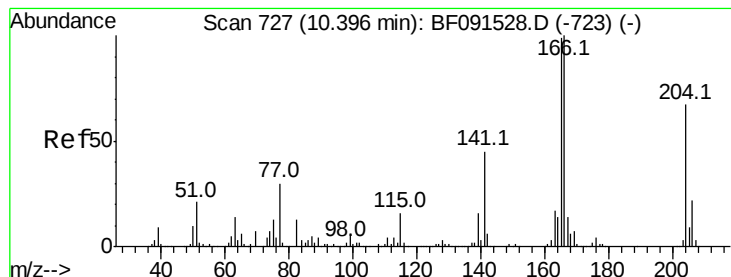
sohil
12/15/2016 5:38:58 PM



#56
2,4-Dinitrotoluene
Concen: 41.95 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.3	29.0	43.4#
89	75.6	43.1	64.7#
182	2.1	1.9	2.9





#57

Fluorene

Concen: 41.38 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1103528

Ion Ratio Lower Upper

166 100

165 96.3 80.0 120.0

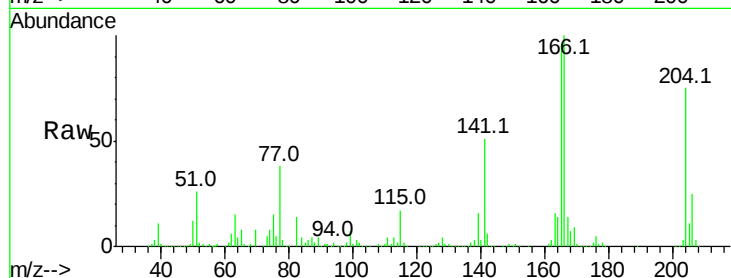
167 14.0 10.8 16.2

Manual Integrations

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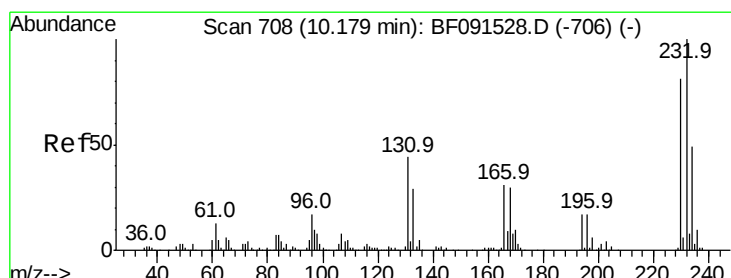
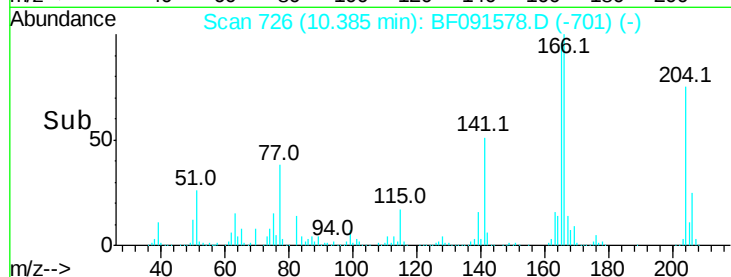
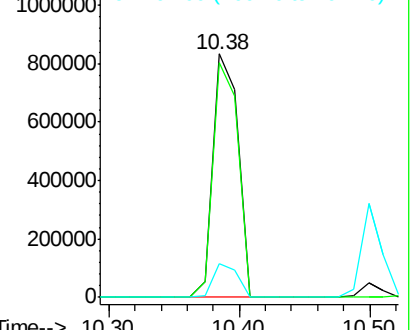


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.13 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Tgt Ion:232 Resp: 300494

Ion Ratio Lower Upper

232 100

131 51.3 38.4 57.6

130 2.7 1.8 2.8

166 34.4 23.9 35.9

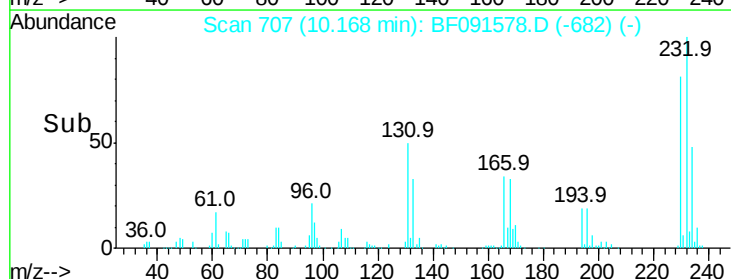
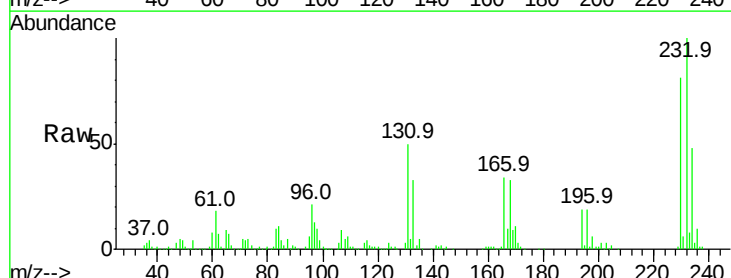
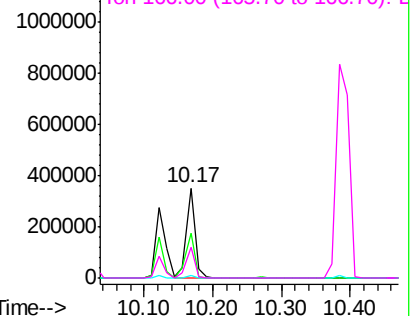
Abundance

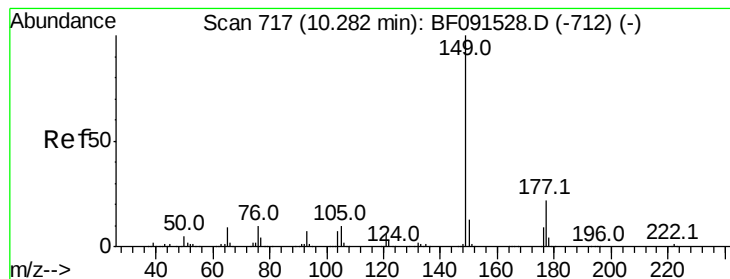
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.00 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1227005

Ion Ratio Lower Upper

149 100

177 22.0 15.7 23.5

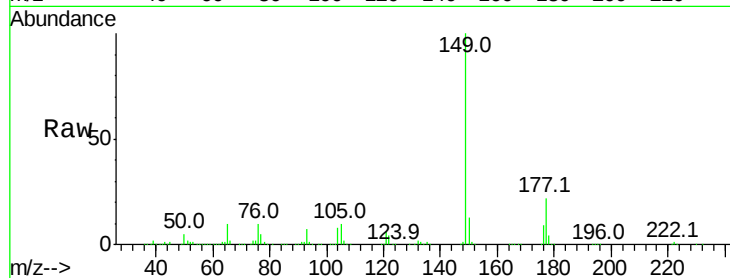
150 12.8 10.2 15.2

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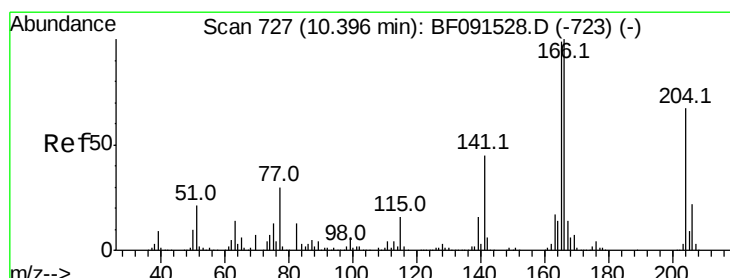
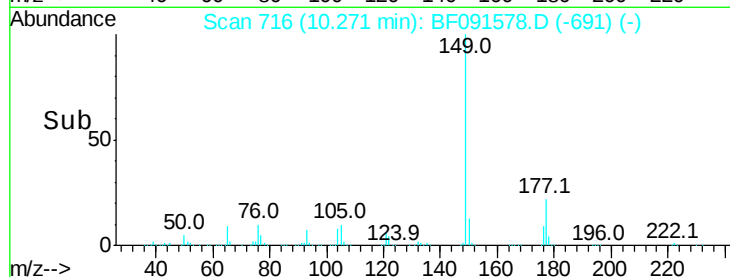
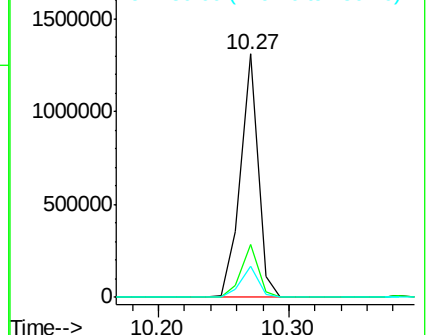
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.77 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

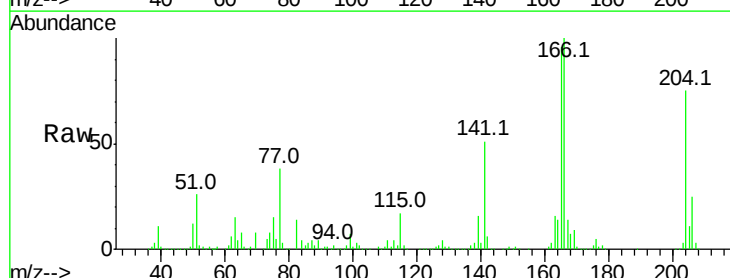
Tgt Ion:204 Resp: 515262

Ion Ratio Lower Upper

204 100

206 32.5 26.1 39.1

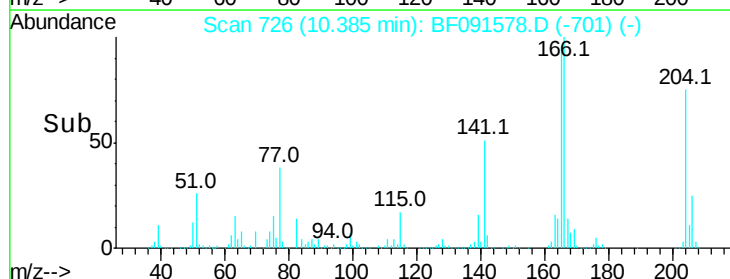
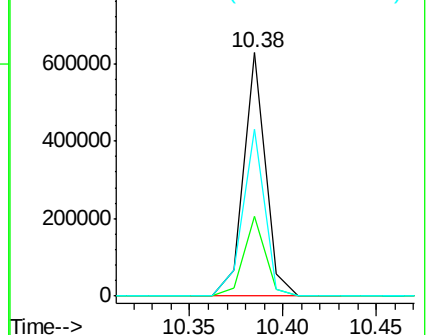
141 68.3 40.6 61.0#

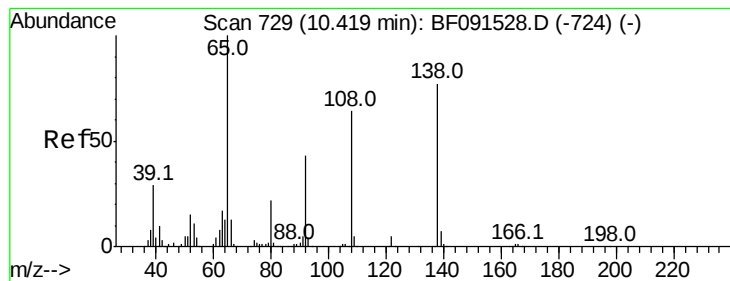


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





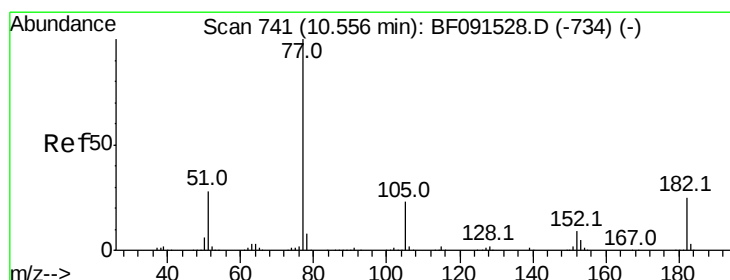
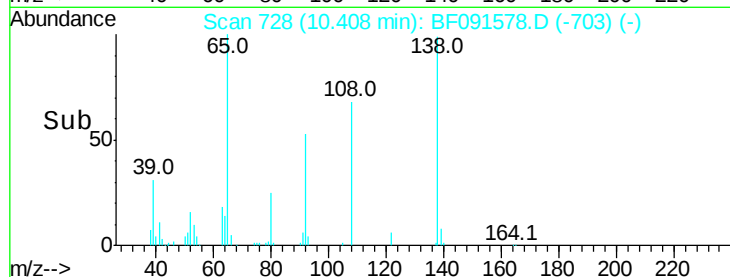
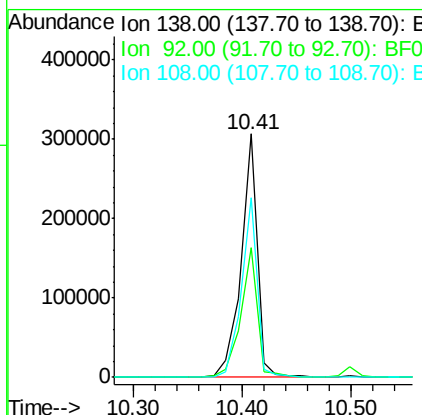
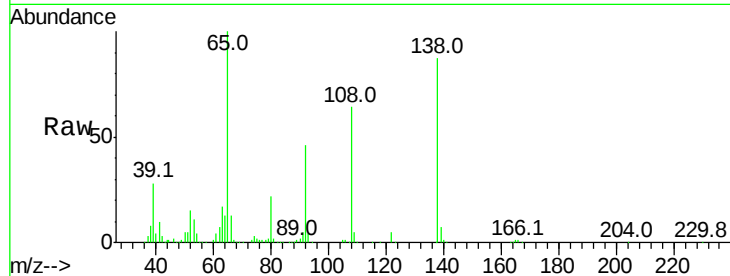
#61
4-Nitroaniline
Concen: 38.44 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	26.9	66.9
108	73.7	49.1	89.1

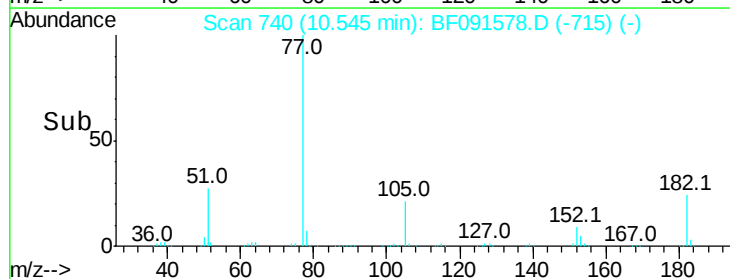
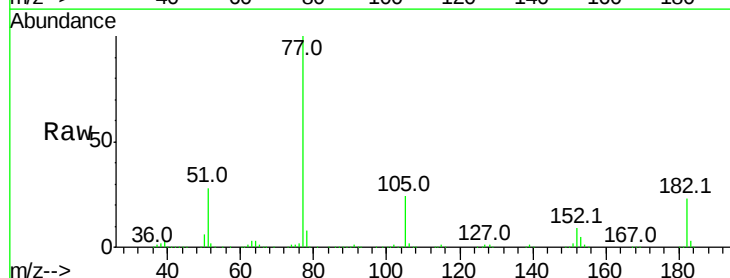
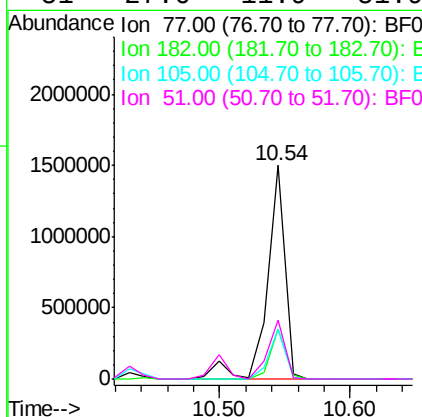
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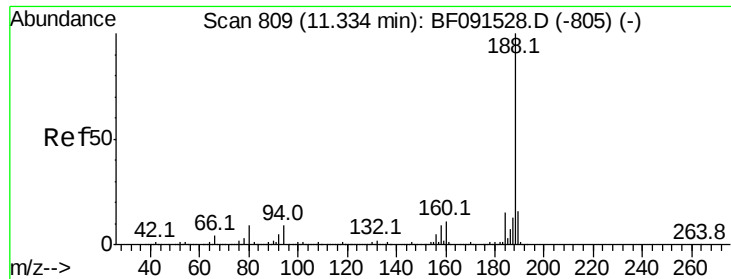
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#62
Azobenzene
Concen: 41.65 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.2	12.5	52.5
105	23.6	3.7	43.7
51	27.6	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

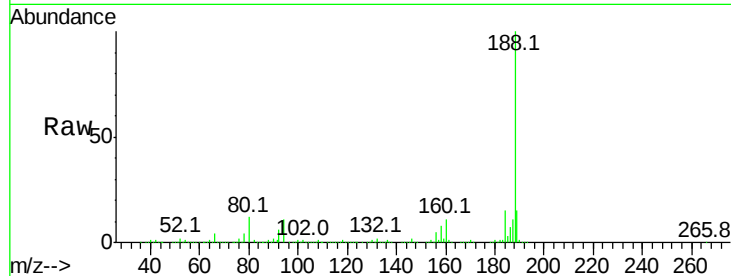
ClientSampleId :

SSTDCCC040

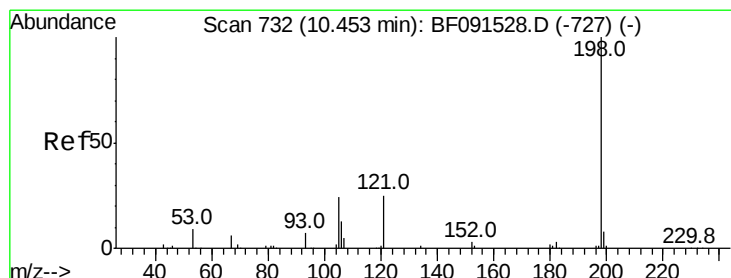
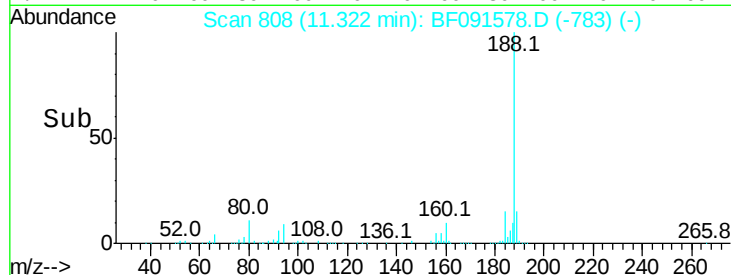
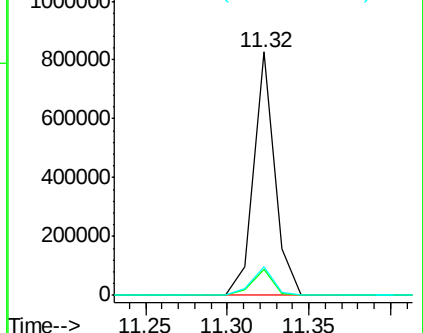
Tot Ion:	188	Resp:	748297
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.2	13.8
80	11.5	10.5	15.7

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 40.12 ng

RT: 10.44 min Scan# 731

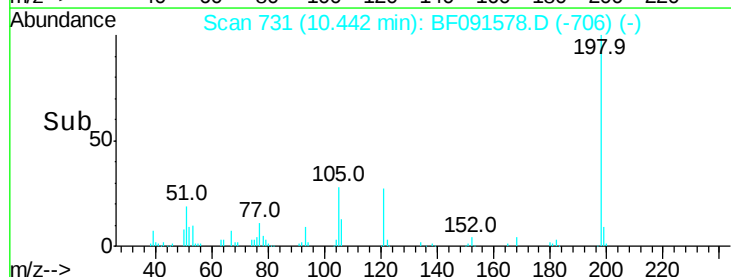
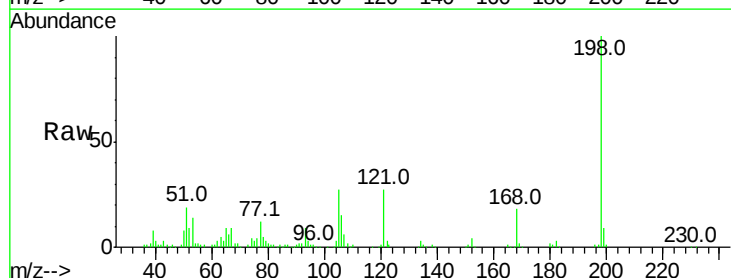
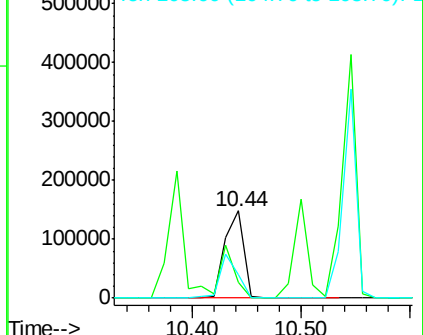
Delta R.T. -0.01 min

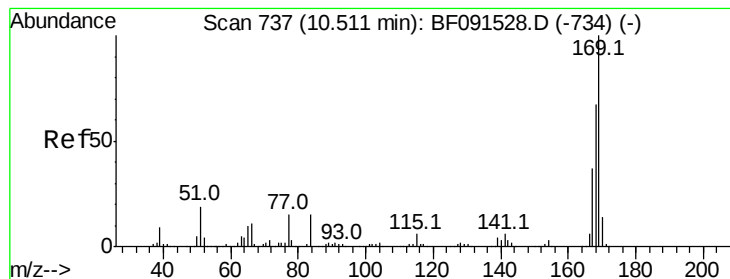
Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Tgt Ion:	198	Resp:	179995
Ion Ratio	Lower	Upper	
198	100		
51	18.7	77.1	117.1#
105	27.5	44.8	84.8#

Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.79 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 932185

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.8

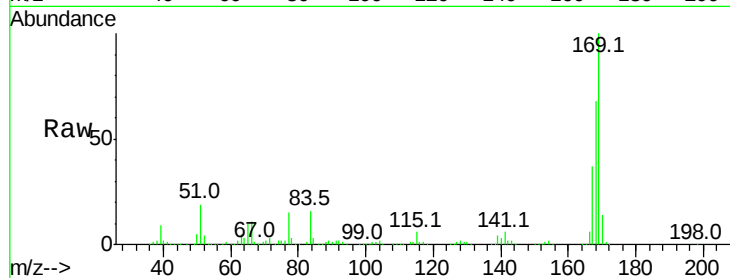
167 36.7 29.8 44.8

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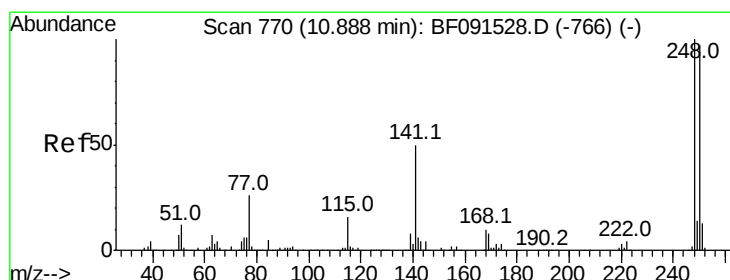
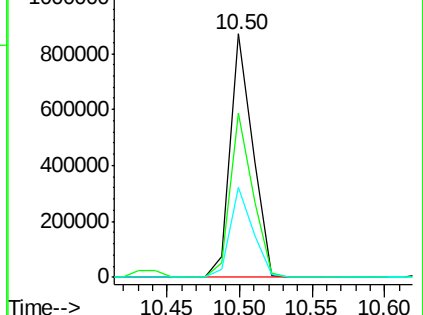
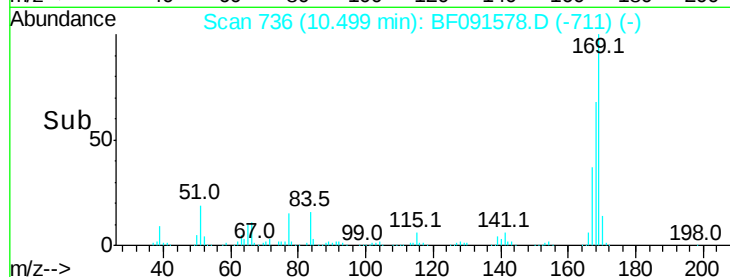
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.94 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

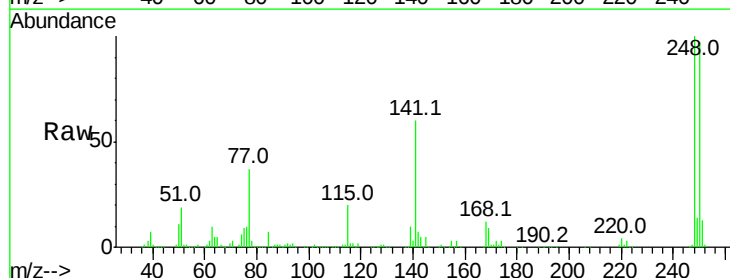
Tgt Ion:248 Resp: 344783

Ion Ratio Lower Upper

248 100

250 96.9 78.2 117.4

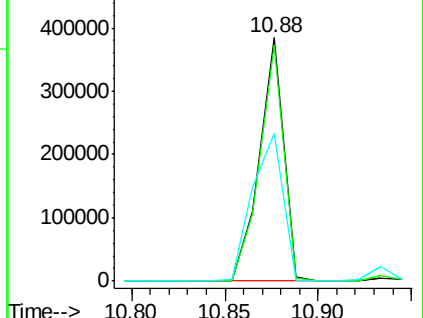
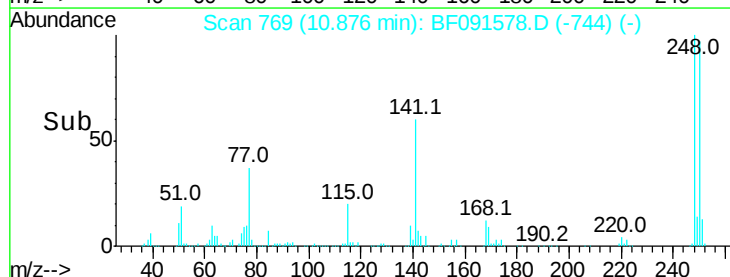
141 60.5 71.9 107.9#

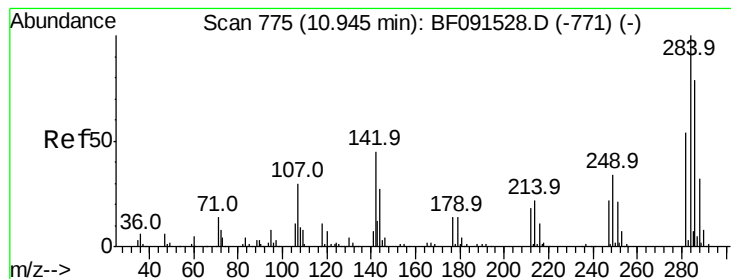


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.90 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

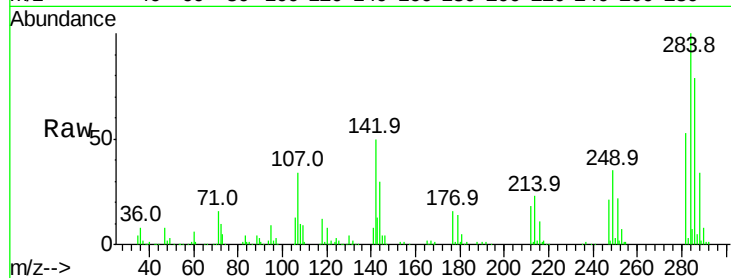
ClientSampleId :

SSTDCCC040

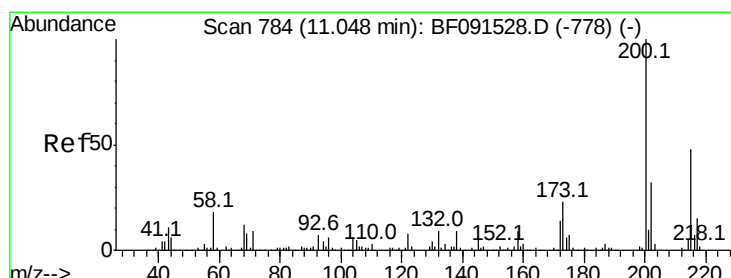
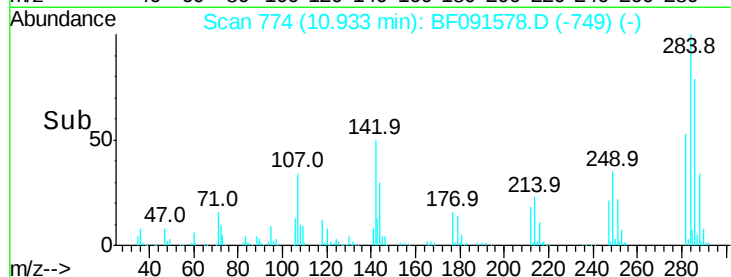
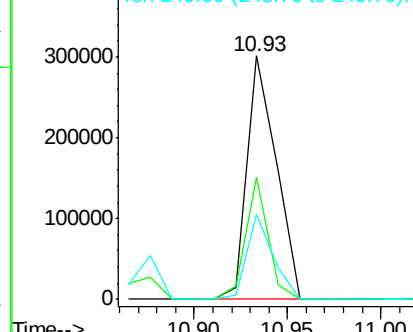
Tot Ion:	284	Resp:	326266
Ion Ratio		Lower	Upper
284	100		
142	49.9	17.9	26.9#
249	34.8	23.6	35.4

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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: 41.01 ng

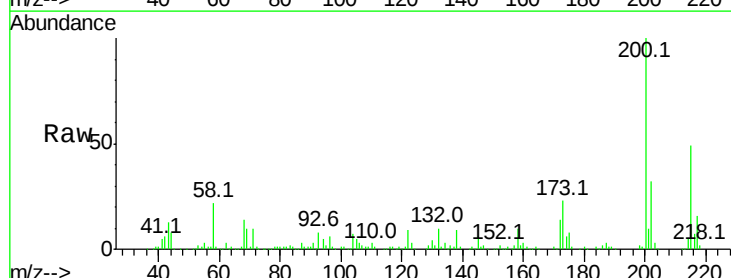
RT: 11.04 min Scan# 783

Delta R.T. -0.01 min

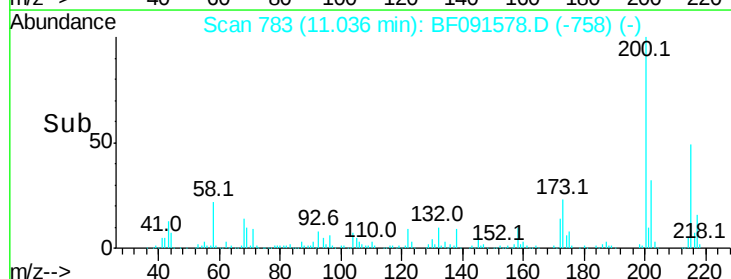
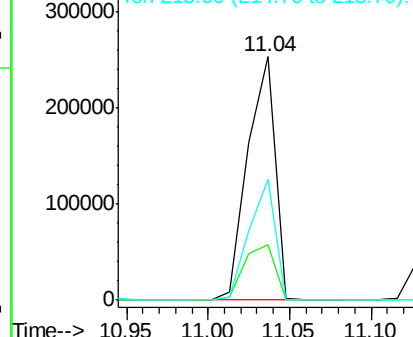
Lab File: BF091578.D

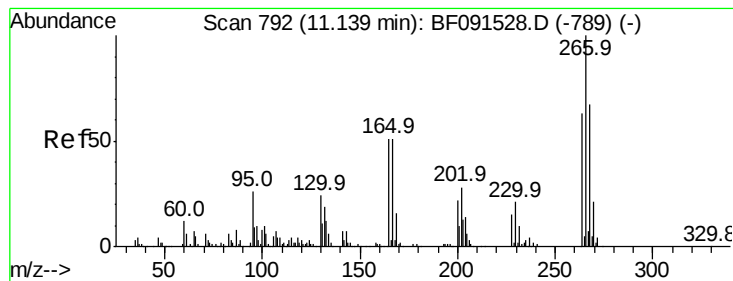
Acq: 14 Dec 2016 11:27

Tgt Ion:	200	Resp:	294139
Ion Ratio		Lower	Upper
200	100		
173	23.0	7.8	47.8
215	49.4	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: 43.02 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

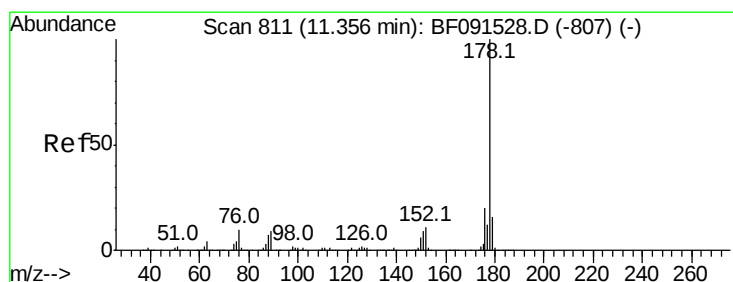
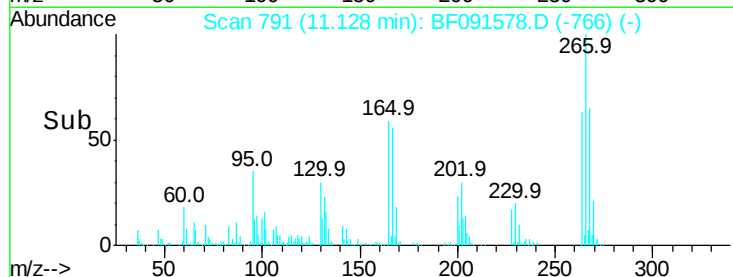
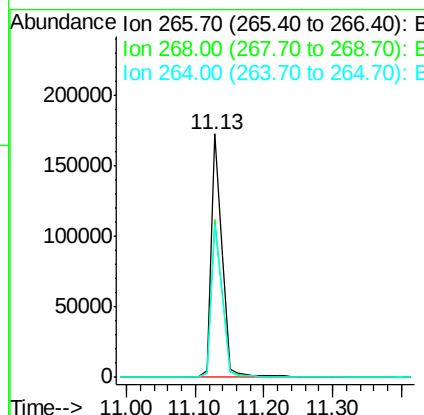
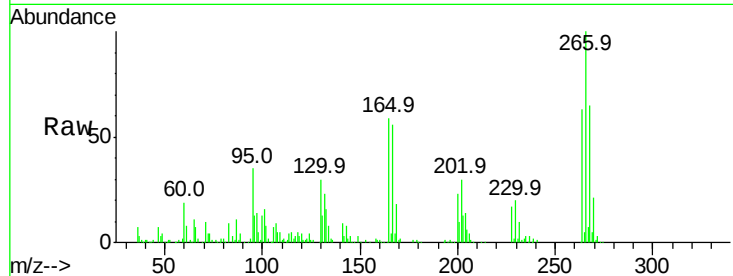
ClientSampleId :

SSTDCCC040

Tot Ion:	266	Resp:	193153
Ion Ratio	Lower	Upper	
266	100		
268	65.1	50.3	75.5
264	62.6	48.2	72.2

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#70

Phenanthrene

Concen: 41.97 ng

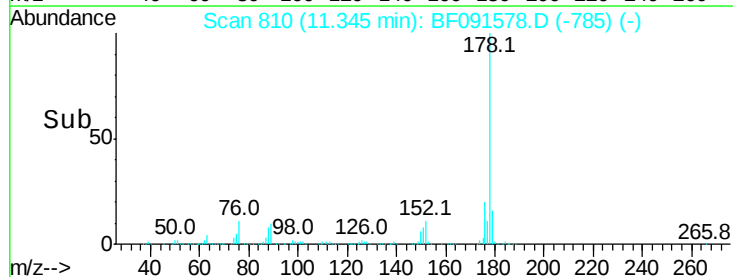
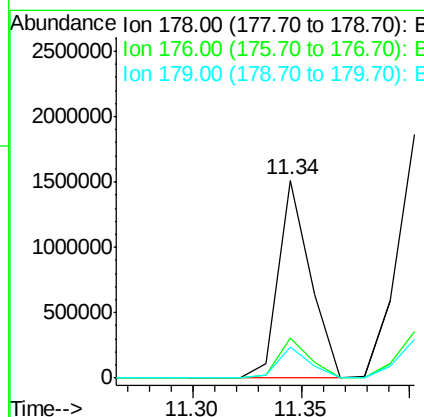
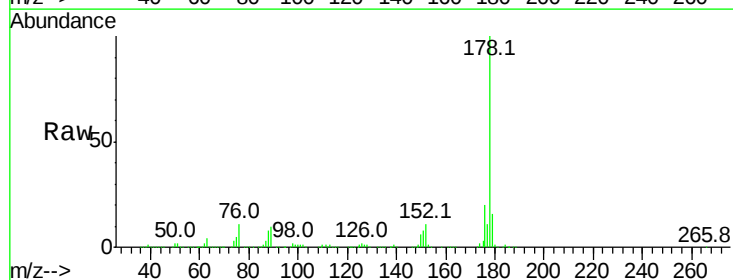
RT: 11.34 min Scan# 810

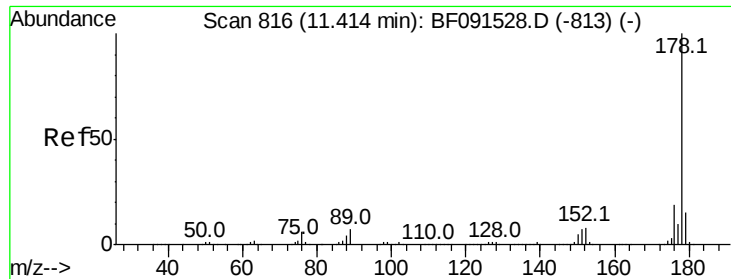
Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Tgt Ion:	178	Resp:	1555388
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.9	23.9
179	16.0	12.6	18.8





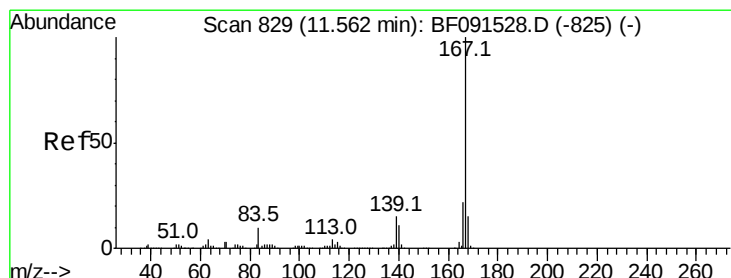
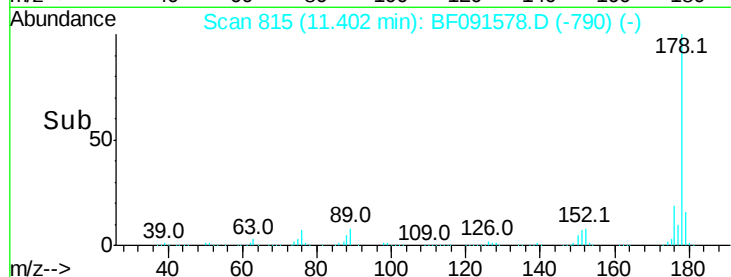
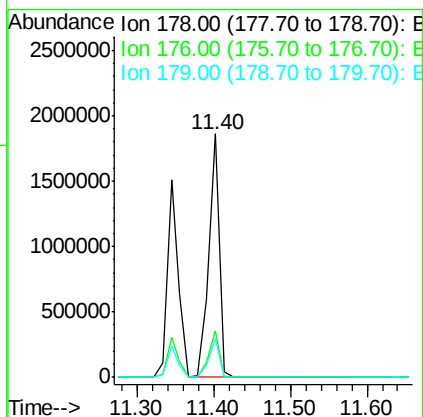
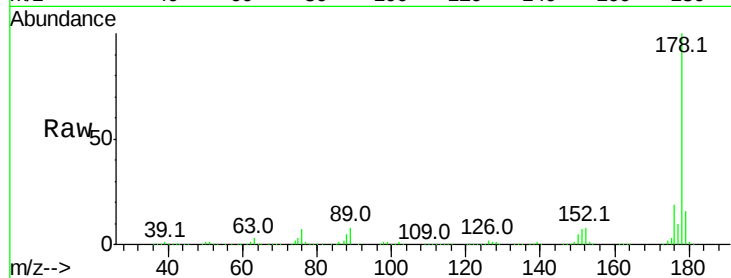
#71
 Anthracene
 Concen: 43.16 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1725226
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.7 12.7 19.1

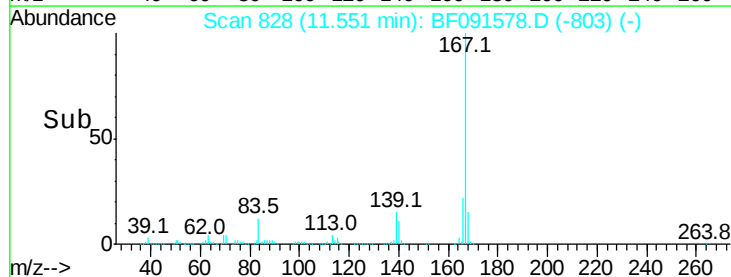
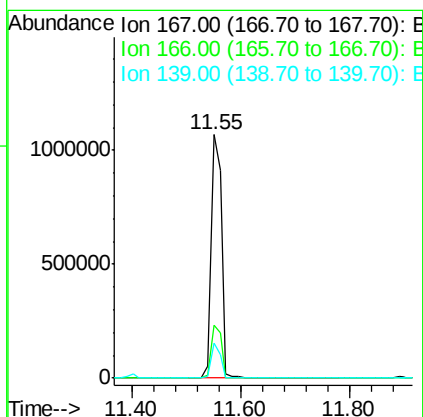
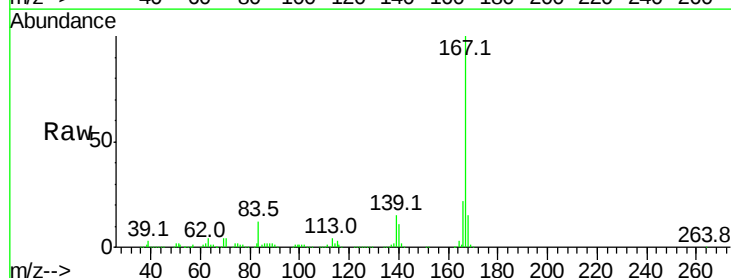
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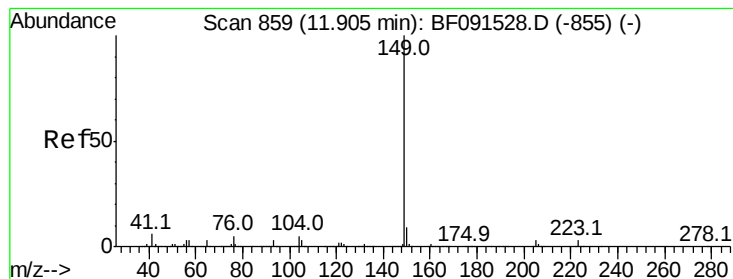
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#72
 Carbazole
 Concen: 40.82 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Tgt Ion:167 Resp: 1430088
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 14.6 11.5 17.3





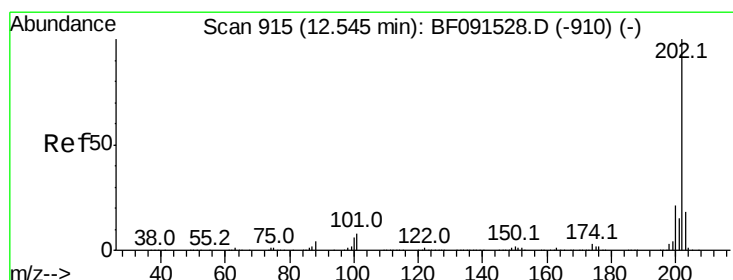
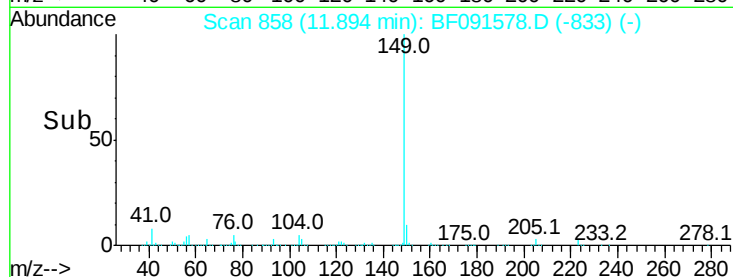
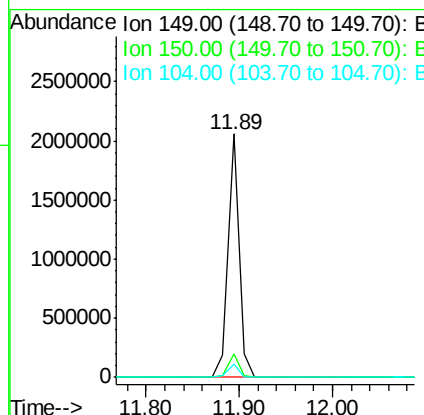
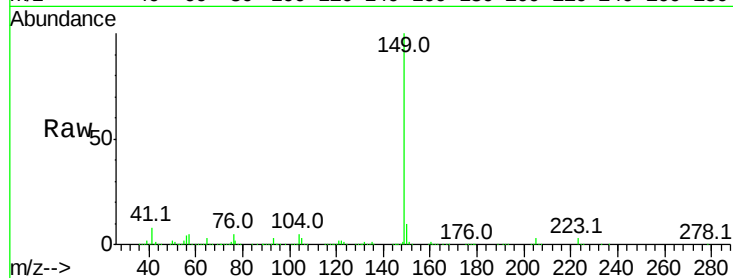
#73
Di-n-butylphthalate
Concen: 41.25 ng
RT: 11.89 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion:149 Resp: 1683764
Ion Ratio Lower Upper
149 100
150 9.8 7.5 11.3
104 5.4 4.0 6.0

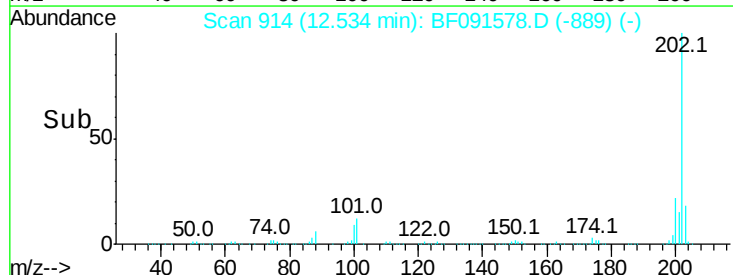
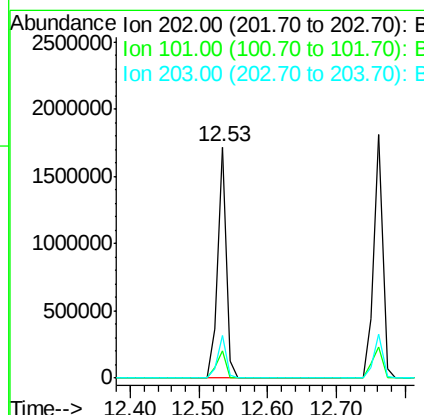
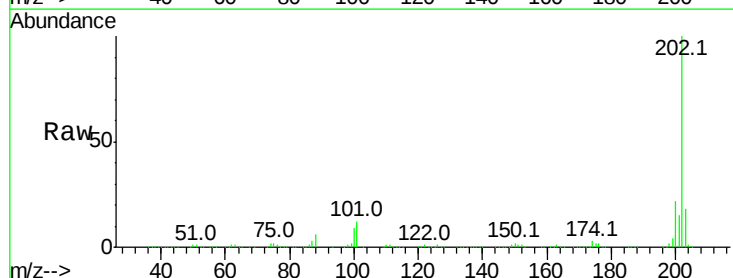
Manual Integrations
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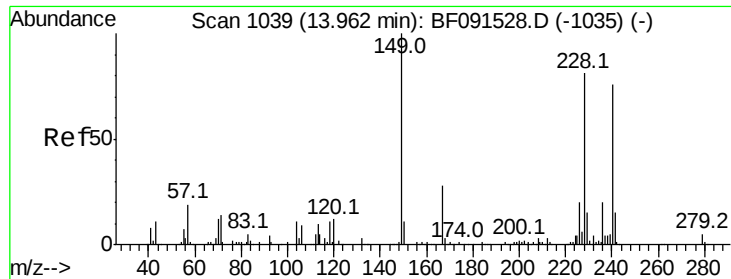
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#74
Fluoranthene
Concen: 39.50 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion:202 Resp: 1532548
Ion Ratio Lower Upper
202 100
101 12.1 0.0 29.5
203 18.3 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Instrument :

BNA_F

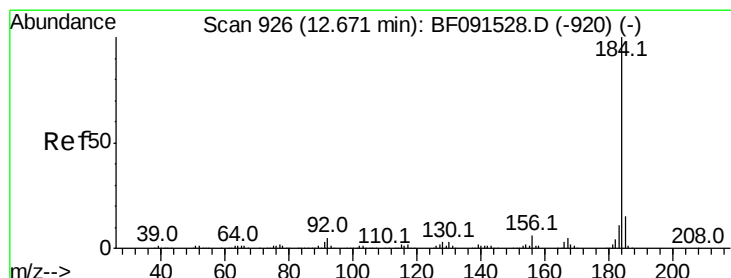
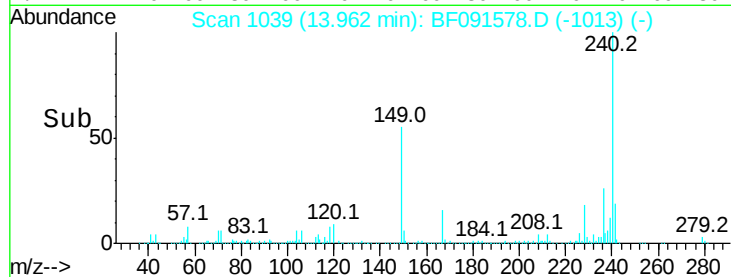
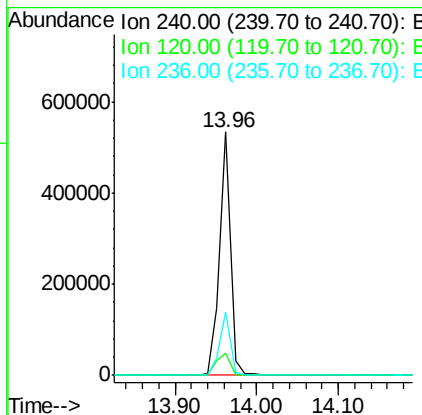
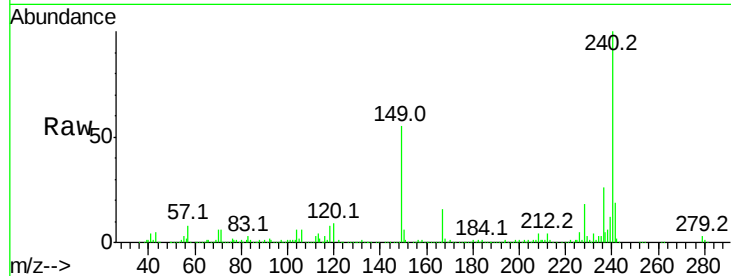
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	498999		
120	9.3	12.1	18.1	#
236	25.9	21.0	31.6	

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#76

Benzidine

Concen: 27.29 ng

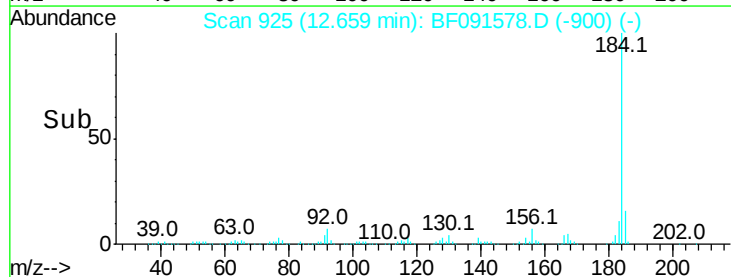
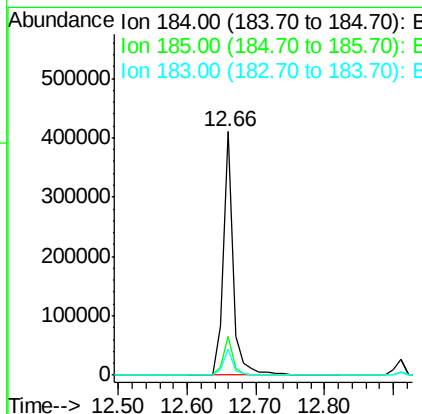
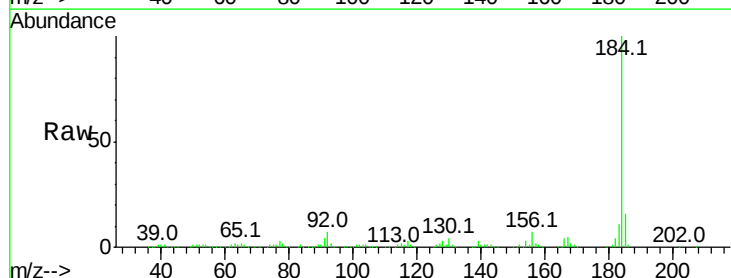
RT: 12.66 min Scan# 925

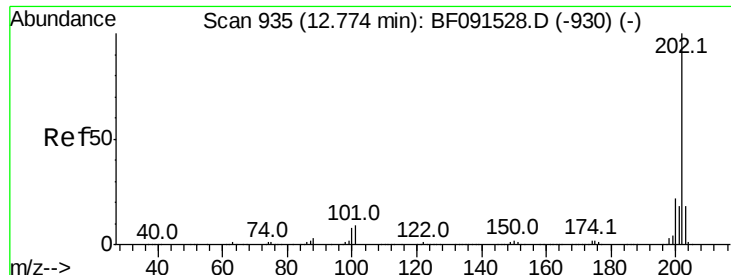
Delta R.T. -0.01 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	420990		
185	16.0	13.1	19.7	
183	10.8	8.9	13.3	





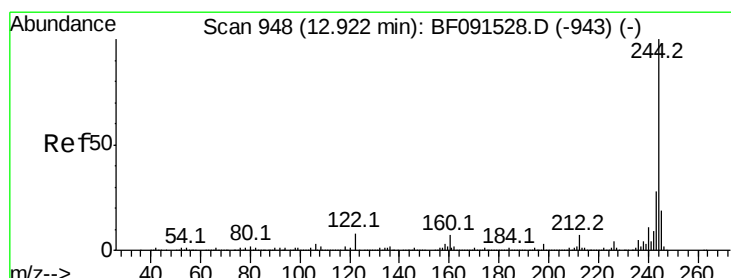
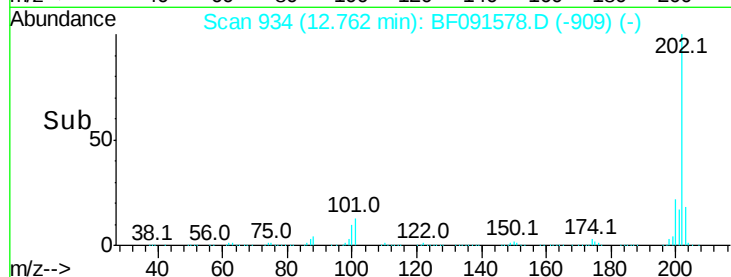
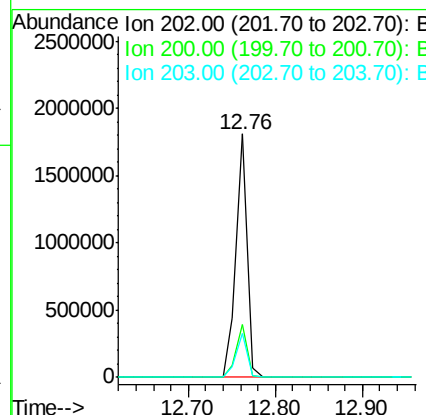
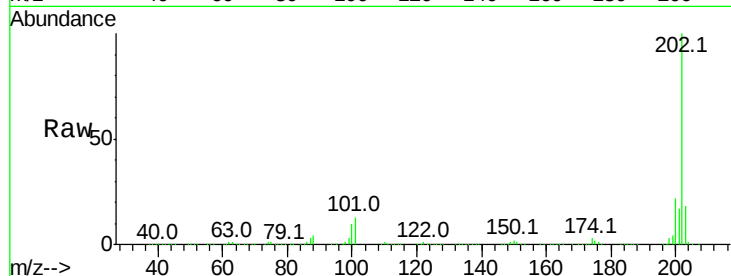
#77
Pvrene
Concen: 40.59 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

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

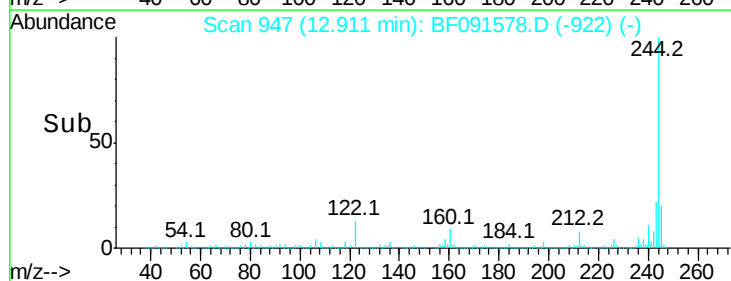
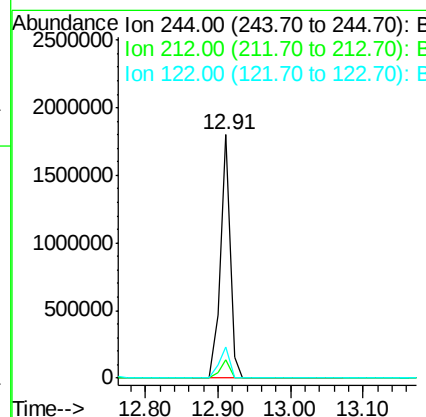
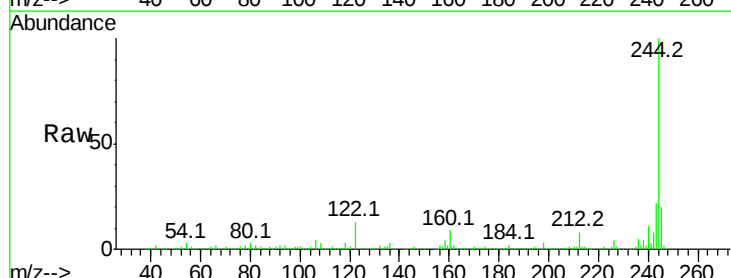
Manual Integrations
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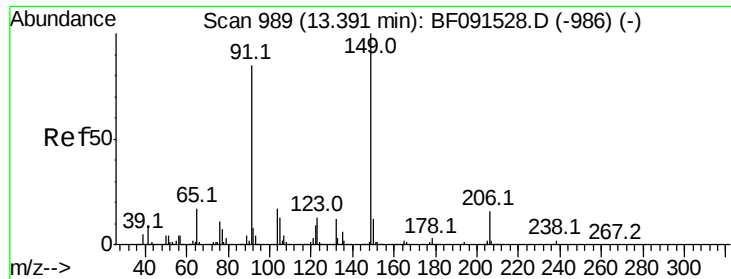
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#78
Terphenyl-d14
Concen: 76.50 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	12.7	9.5	14.3





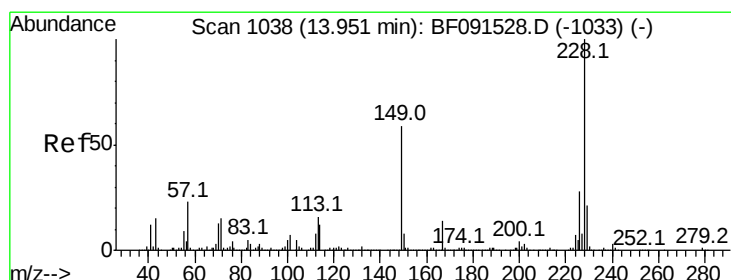
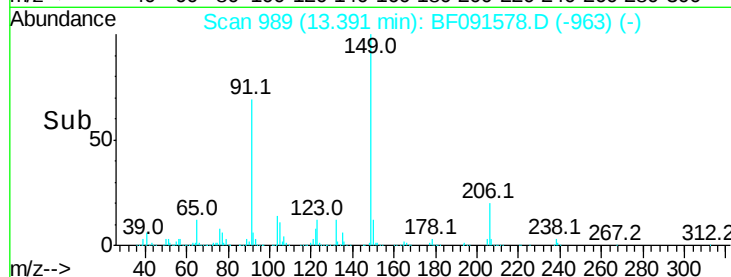
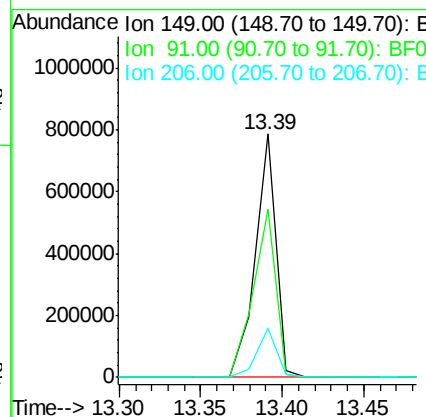
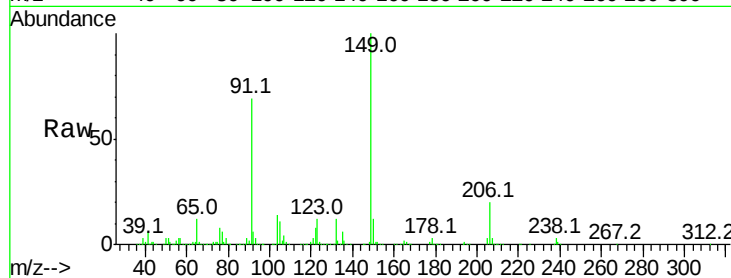
#79
Butylbenzylphthalate
Concen: 44.86 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	692319		
91	69.0		57.4	86.2
206	19.9		15.4	23.2

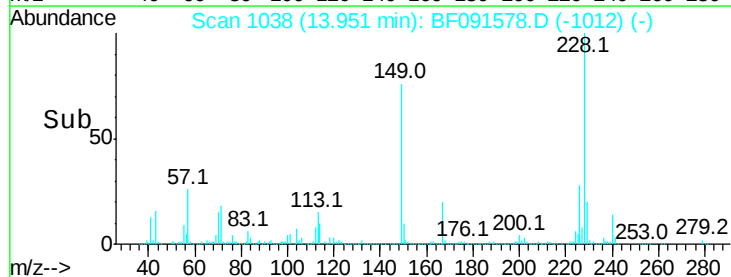
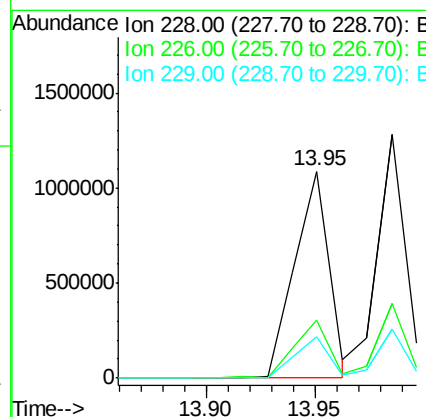
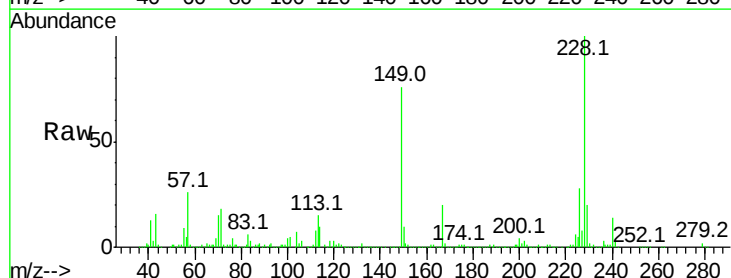
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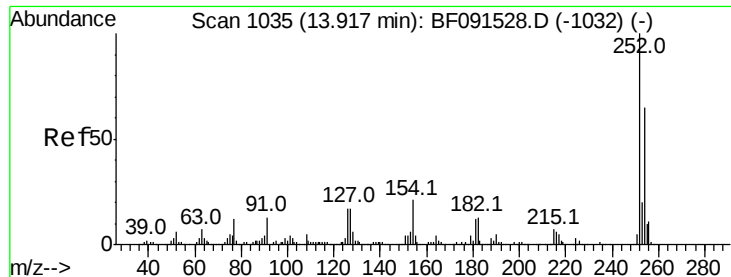
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#80
Benzo(a)anthracene
Concen: 41.47 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1201753		
226	27.7		22.5	33.7
229	19.7		16.4	24.6





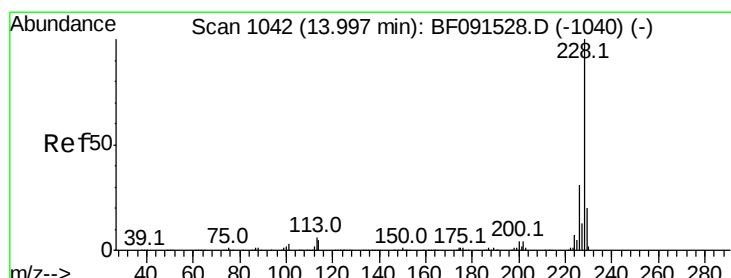
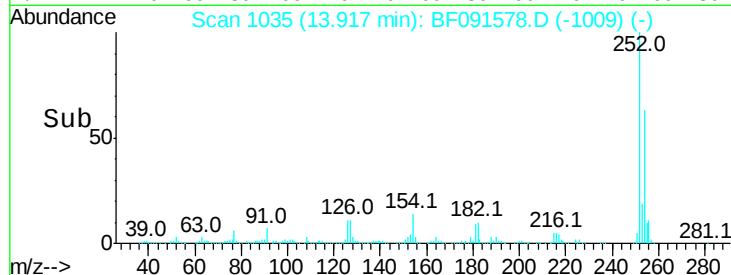
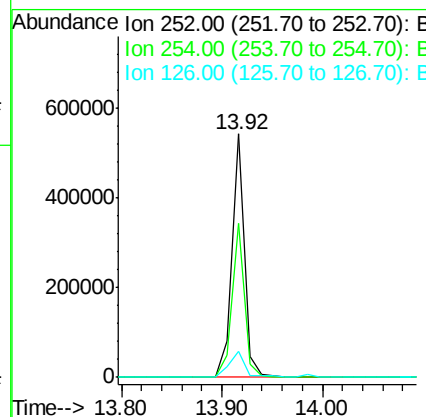
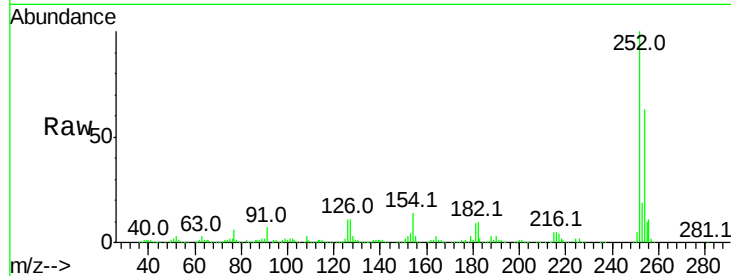
#81
 3,3'-Dichlorobenzidine
 Concen: 45.23 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	470715		
254	63.4	52.1	78.1	
126	10.7	7.5	11.3	

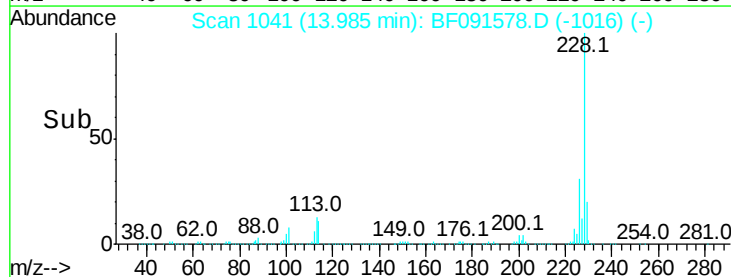
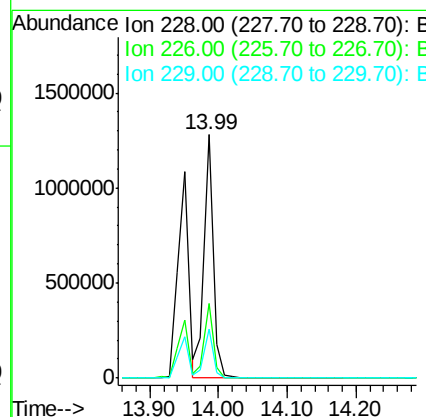
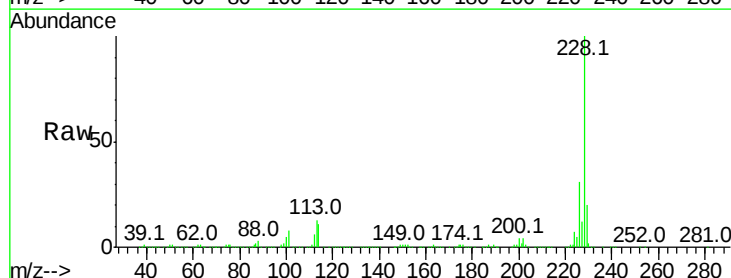
Manual Integrations
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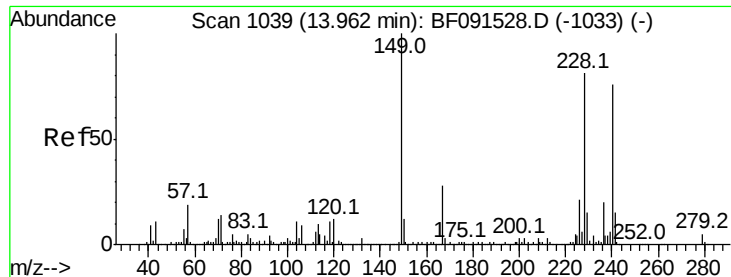
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#82
 Chrysene
 Concen: 38.79 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1175940		
226	30.8	25.0	37.4	
229	20.1	16.0	24.0	





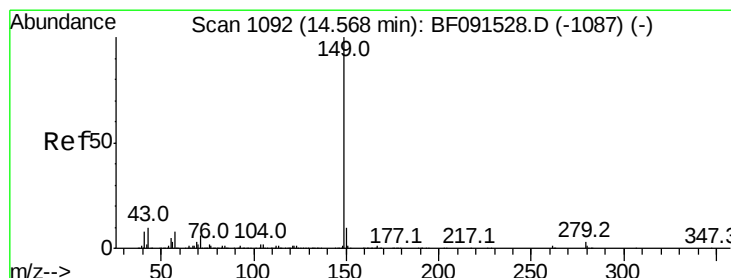
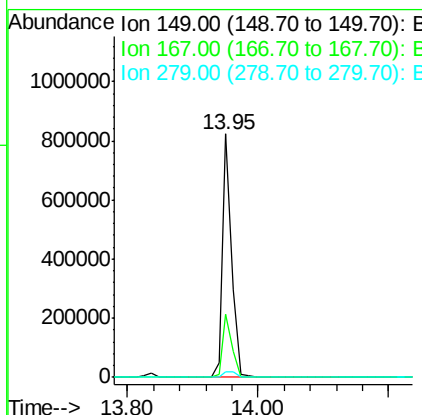
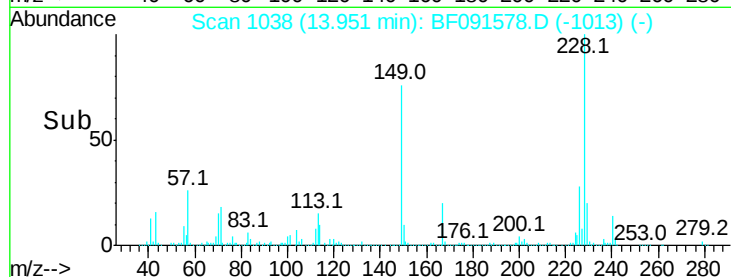
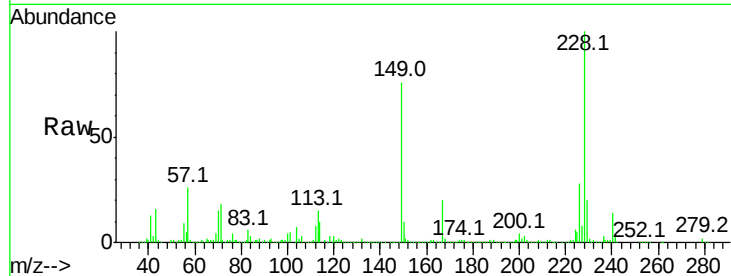
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.31 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	149	Resp:	817819
Ion Ratio		Lower	Upper
149	100		
167	25.8	19.6	29.4
279	2.3	1.9	2.9

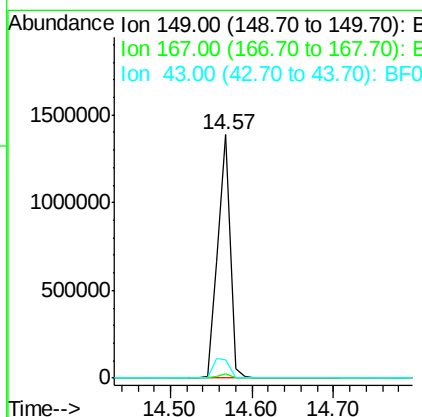
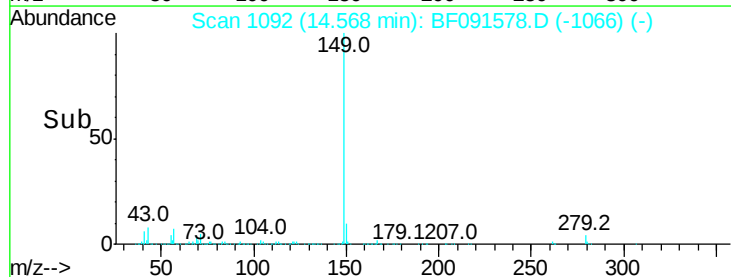
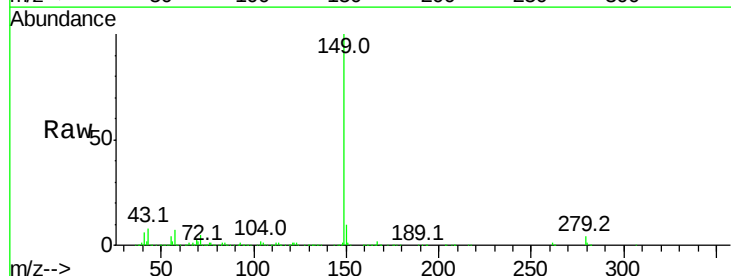
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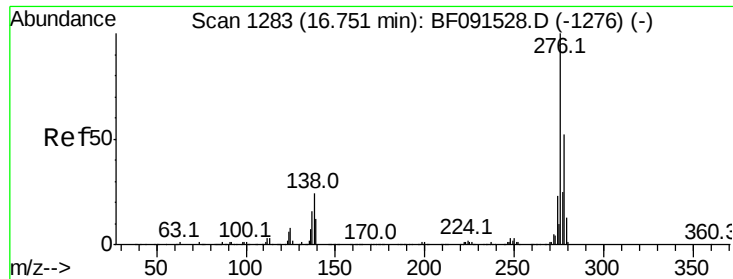
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#84
 Di-n-octyl phthalate
 Concen: 43.69 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Tgt Ion:	149	Resp:	1468276
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.5	11.9	17.9#





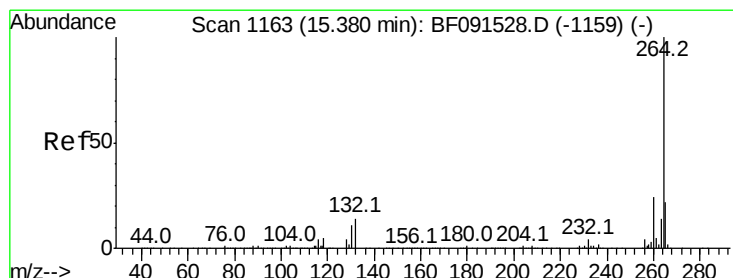
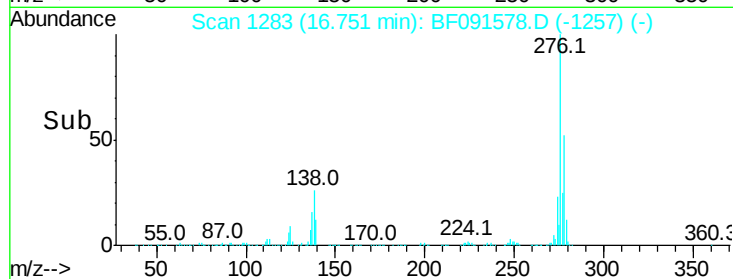
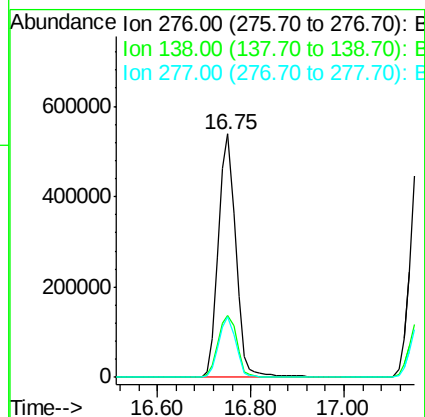
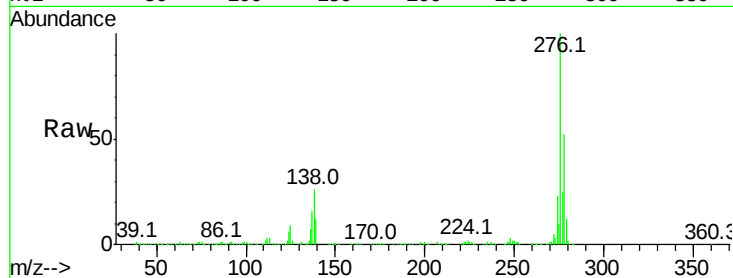
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.25 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.0	31.4
277	25.1	20.2	30.2

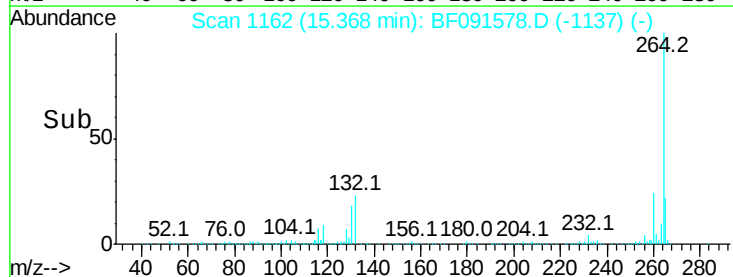
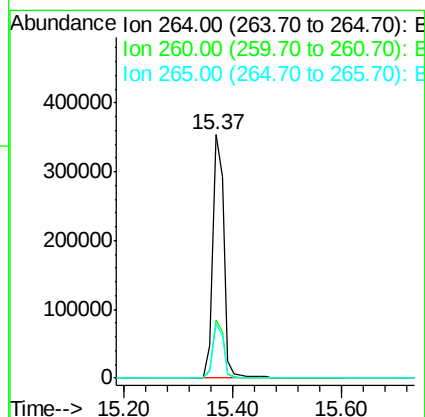
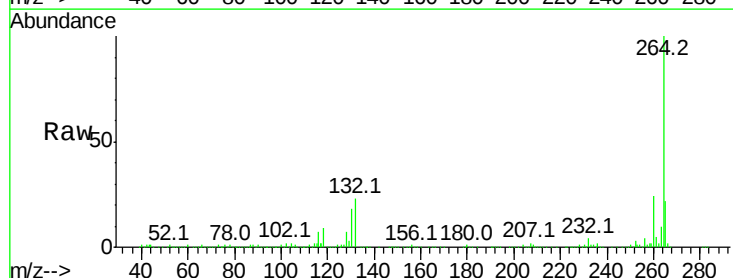
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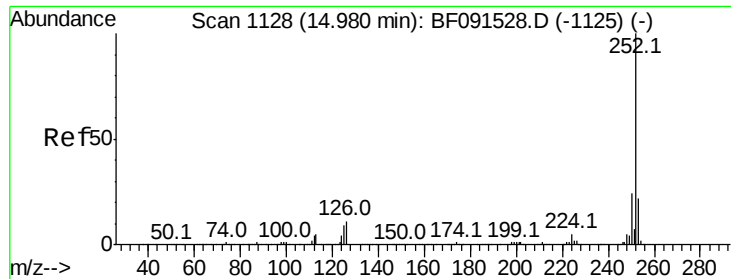
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.4	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 47.60 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF091578.D

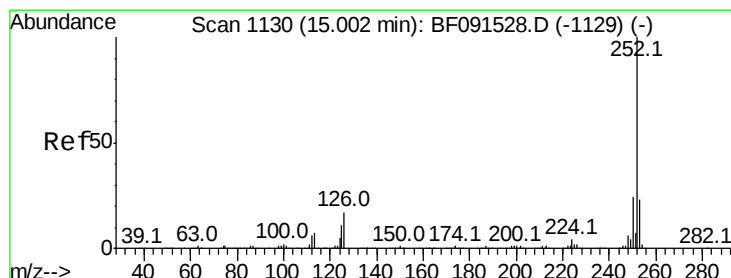
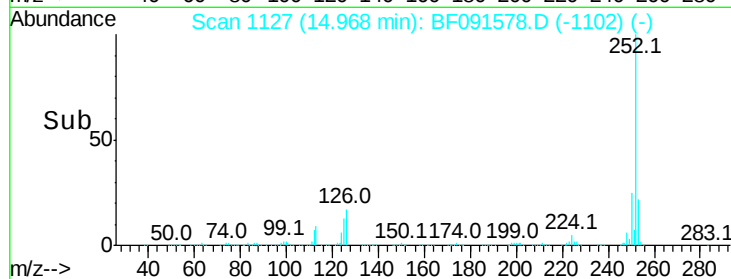
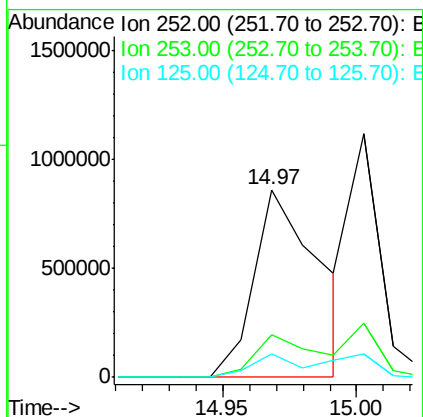
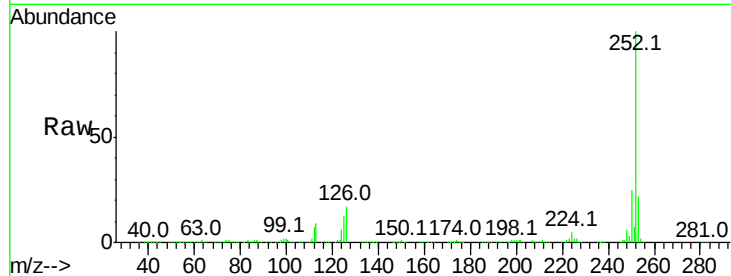
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	12.8	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 33.70 ng m

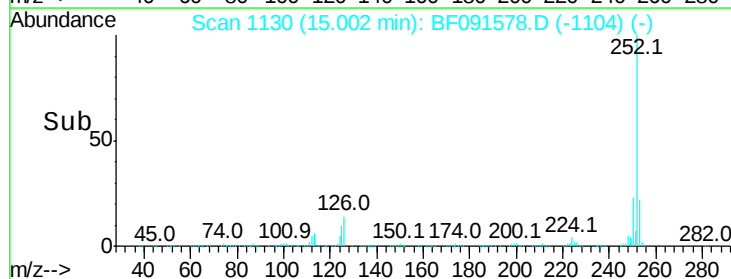
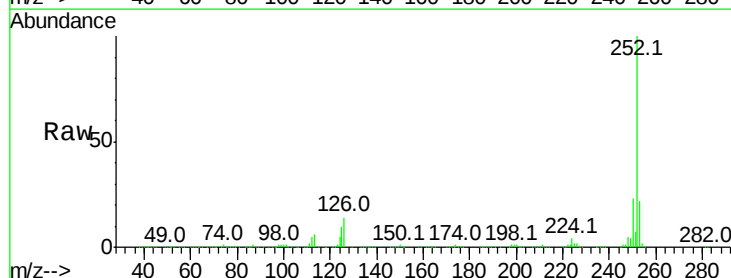
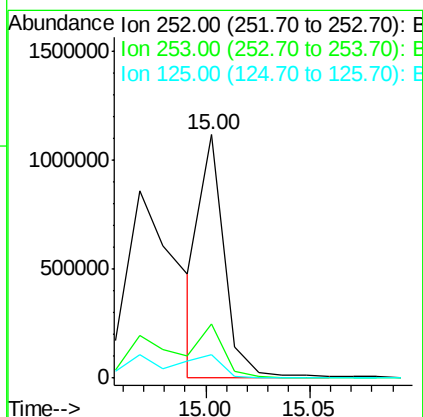
RT: 15.00 min Scan# 1130

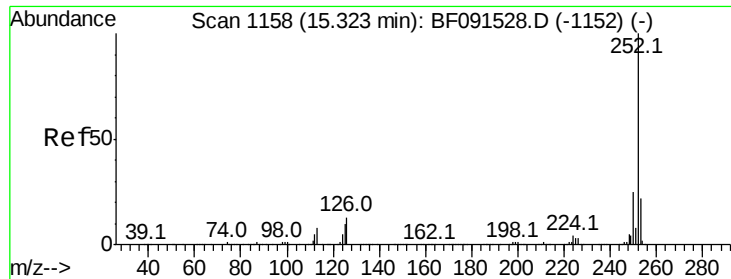
Delta R.T. -0.00 min

Lab File: BF091578.D

Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.6	9.6	14.4





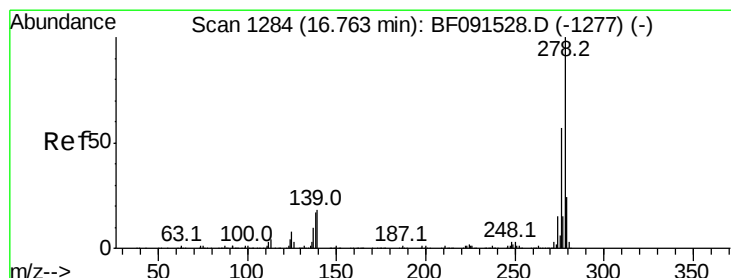
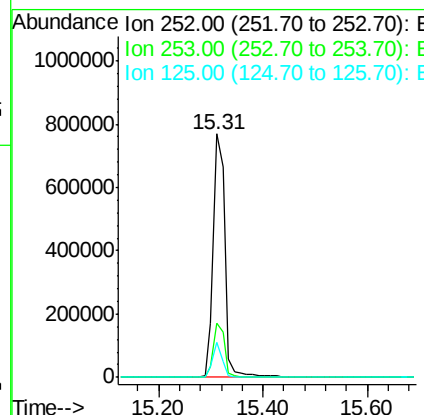
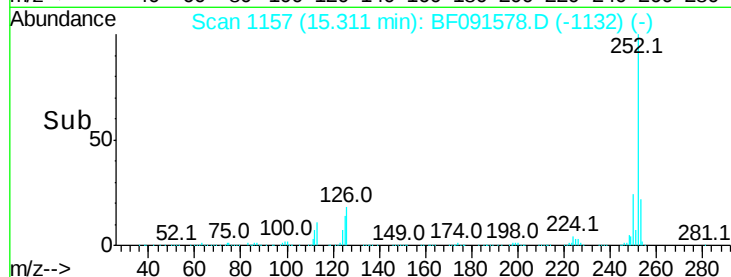
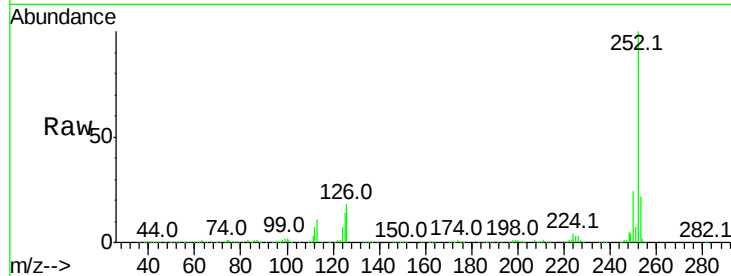
#89
Benzo(a)pyrene
Concen: 43.05 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	14.2	10.4	15.6

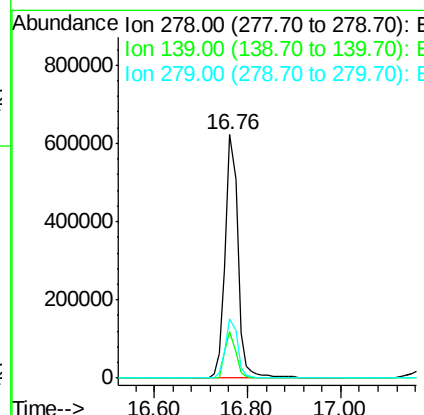
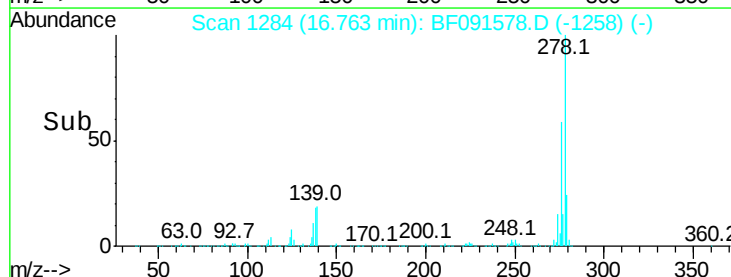
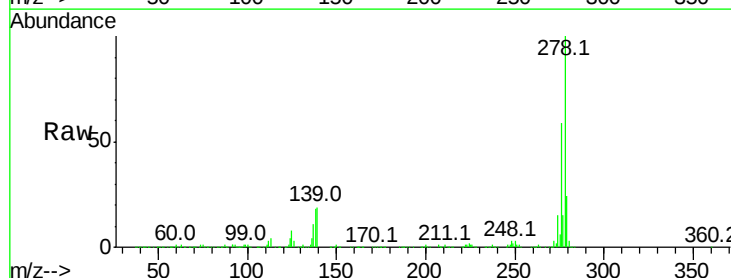
Manual Integrations
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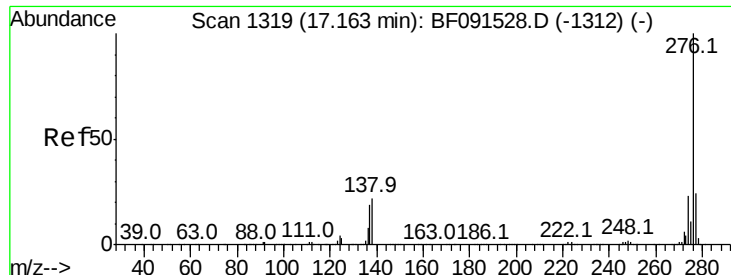
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#90
Dibenzo(a,h)anthracene
Concen: 47.54 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF091578.D
Acq: 14 Dec 2016 11:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.1	22.7
279	24.3	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.55 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF091578.D
 Acq: 14 Dec 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	22.7	15.4	23.0

Manual Integrations
 APPROVED

sohil
 12/15/2016 5:38:58 PM

