

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091321.D
 Acq On : 29 Nov 2016 12:21
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

sohil
 11/30/2016 10:32:08 AM

Quant Time: Nov 29 13:29:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 12:14:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	173743	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	664202	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	397585	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	644279	20.00	ng	0.00
75) Chrysene-d12	14.03	240	447688	20.00	ng	0.01
86) Perylene-d12	15.45	264	381816	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1223690	113.16	ng	0.00
7) Phenol-d6	6.50	99	1507410	108.50	ng	0.01
23) Nitrobenzene-d5	7.43	82	1409937	122.21	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	433578	108.14	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	2358375	97.13	ng	0.00
78) Terphenyl-d14	12.97	244	2104748	107.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	269789	52.89	ng	87
3) Pyridine	3.20	79	794569	57.96	ng	89
4) n-Nitrosodimethylamine	3.16	42	416228	55.45	ng	94
6) Aniline	6.53	93	967643	54.48	ng	# 71
8) 2-Chlorophenol	6.65	128	651457	55.31	ng	89
9) Benzaldehyde	6.41	77	454917	60.50	ng	85
10) Phenol	6.52	94	949819	61.27	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	661451	58.04	ng	99
12) 1,3-Dichlorobenzene	6.81	146	731839m	56.98	ng	
13) 1,4-Dichlorobenzene	6.88	146	675873	51.41	ng	96
14) 1,2-Dichlorobenzene	7.04	146	687692	55.14	ng	97
15) Benzyl Alcohol	7.01	79	563417	52.23	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1376476	55.09	ng	71
17) 2-Methylphenol	7.12	107	493575	52.96	ng	# 76
18) Hexachloroethane	7.38	117	263502	56.30	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	467135	53.60	ng	# 93
20) 3+4-Methylphenols	7.28	107	649958	56.81	ng	# 58
22) Acetophenone	7.28	105	828075	55.25	ng	# 80
24) Nitrobenzene	7.45	77	699021	57.26	ng	# 90
25) Isophorone	7.69	82	1226993	56.93	ng	97
26) 2-Nitrophenol	7.77	139	346769	70.82	ng	# 73
27) 2,4-Dimethylphenol	7.81	122	568161	55.29	ng	95
28) bis(2-Chloroethoxy)methane	7.91	93	762679	59.44	ng	99
29) 2,4-Dichlorophenol	8.01	162	535953	59.03	ng	92
30) 1,2,4-Trichlorobenzene	8.09	180	558759	53.42	ng	99
31) Naphthalene	8.17	128	1678893	52.55	ng	100
32) Benzoic acid	7.94	122	474538	58.64	ng	94
33) 4-Chloroaniline	8.22	127	788762	56.75	ng	# 93
34) Hexachlorobutadiene	8.30	225	355346	57.46	ng	98
35) Caprolactam	8.61	113	155240	55.45	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	597132	61.19	ng	# 83
37) 2-Methylnaphthalene	8.87	142	1283490	58.53	ng	94
40) Hexachlorocyclopentadiene	9.03	237	292306	60.61	ng	97
42) 2,4,6-Trichlorophenol	9.14	196	404951m	54.50	ng	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.18	196	391581m	54.85	ng	
45) 1,1'-Biphenyl	9.34	154	1499807	52.32	ng	93
46) 2-Chloronaphthalene	9.36	162	1148913	54.72	ng	91
47) 2-Nitroaniline	9.45	65	468223	65.71	ng	98
48) Acenaphthylene	9.77	152	1793632	53.30	ng	99
49) Dimethylphthalate	9.64	163	1181306	47.59	ng	97
50) 2,6-Dinitrotoluene	9.69	165	290846	53.64	ng	97
51) Acenaphthene	9.94	154	1235415	53.94	ng	96
52) 3-Nitroaniline	9.86	138	376112	64.51	ng	100
53) 2,4-Dinitrophenol	9.97	184	158247	80.45	ng	# 70
54) Dibenzofuran	10.12	168	1647672	51.15	ng	95
55) 4-Nitrophenol	10.01	139	243574	57.93	ng	99
56) 2,4-Dinitrotoluene	10.09	165	367923	53.62	ng	# 62
57) Fluorene	10.46	166	1339358	54.33	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	351753	56.03	ng	97
59) Diethylphthalate	10.33	149	1216228	48.69	ng	96
61) 4-Nitroaniline	10.48	138	359846	66.16	ng	95
62) Azobenzene	10.61	77	1297244	51.20	ng	88
64) 4,6-Dinitro-2-methylphenol	10.50	198	253153	86.64	ng	# 56
65) n-Nitrosodiphenylamine	10.57	169	1138289	58.19	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	394508	56.02	ng	# 90
67) Hexachlorobenzene	11.01	284	436182	56.50	ng	# 92
68) Atrazine	11.10	200	381658	73.92	ng	96
69) Pentachlorophenol	11.19	266	262757	57.53	ng	96
70) Phenanthrene	11.42	178	1977491	59.17	ng	100
71) Anthracene	11.46	178	1719745	50.32	ng	100
72) Carbazole	11.61	167	1706075	56.10	ng	98
73) Di-n-butylphthalate	11.96	149	1884268	53.50	ng	99
74) Fluoranthene	12.60	202	1758277	51.72	ng	97
76) Benzidine	12.72	184	823361	94.90	ng	96
77) Pyrene	12.83	202	1785419	53.97	ng	99
79) Butylbenzylphthalate	13.45	149	801885	60.57	ng	# 85
80) Benzo(a)anthracene	14.01	228	1442203	56.76	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	547070	65.29	ng	# 99
82) Chrysene	14.05	228	1398146	58.23	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	955757	58.00	ng	# 94
84) Di-n-octyl phthalate	14.62	149	1410062	54.36	ng	98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1399254	67.66	ng	95
87) Benzo(b)fluoranthene	15.04	252	1364846	56.66	ng	# 97
88) Benzo(k)fluoranthene	15.07	252	1161787m	59.06	ng	
89) Benzo(a)pyrene	15.40	252	1253565	61.18	ng	# 94
90) Dibenzo(a,h)anthracene	16.88	278	1161598	61.40	ng	# 94
91) Benzo(g,h,i)perylene	17.28	276	1209686	64.47	ng	99

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

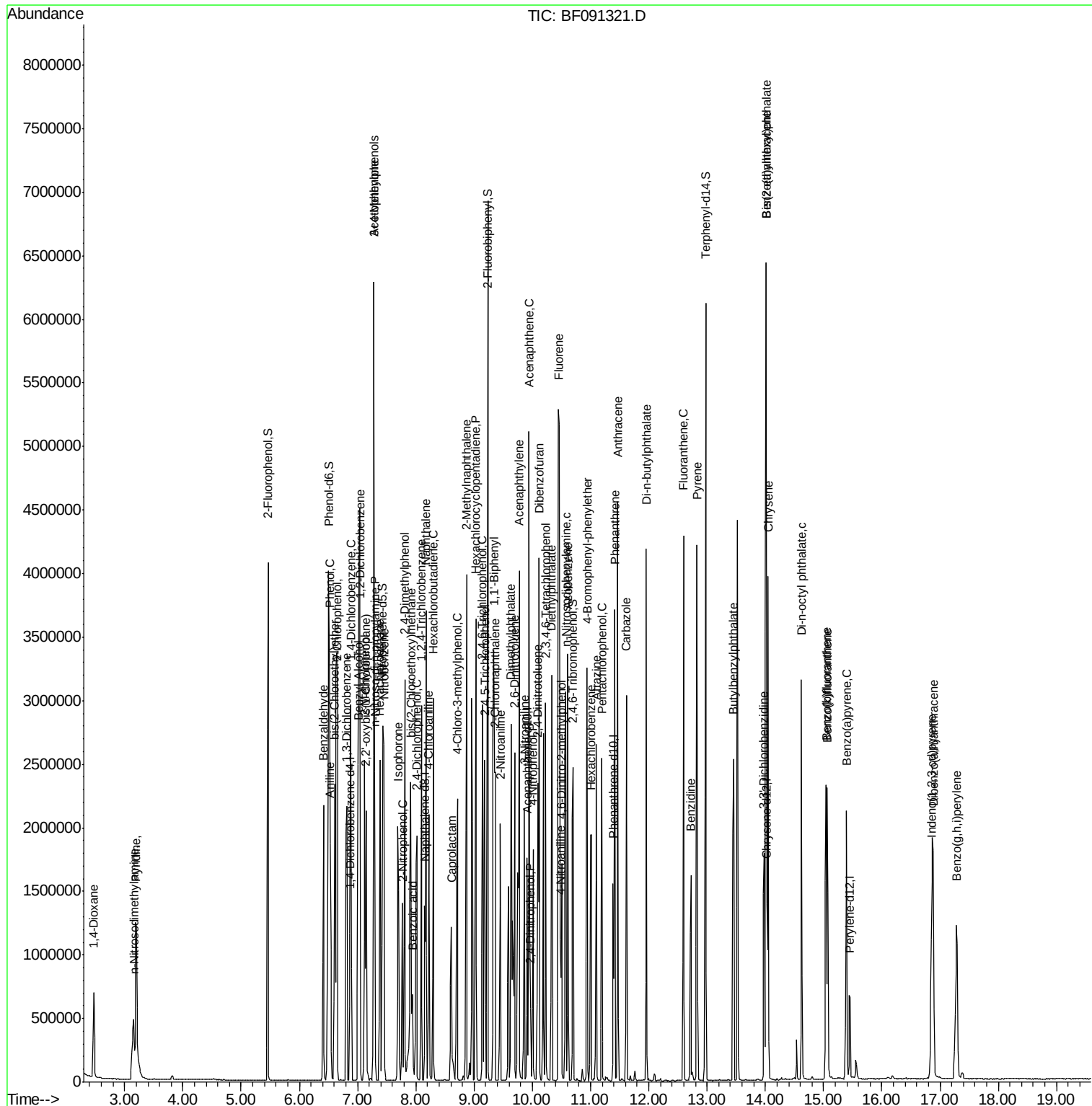
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Data File : BF091321.D  
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Sample    : SSTDICC060  
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ALS Vial  : 7 Sample Multiplier: 1
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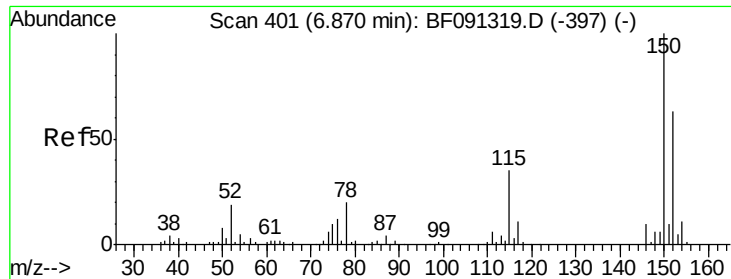
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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#1

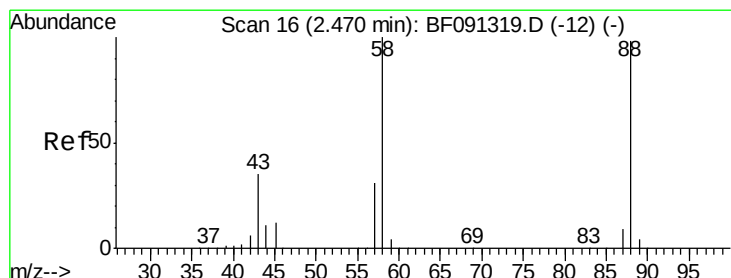
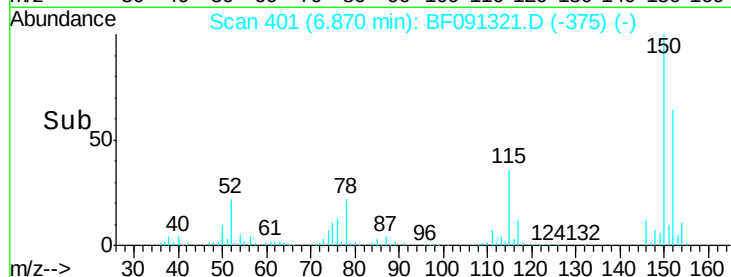
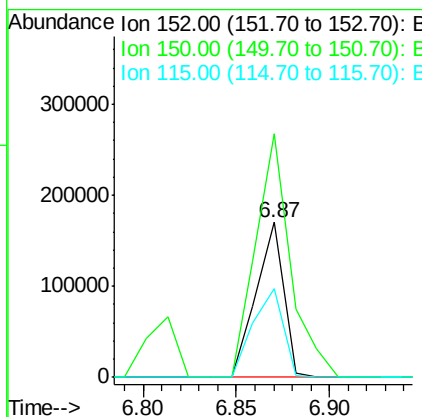
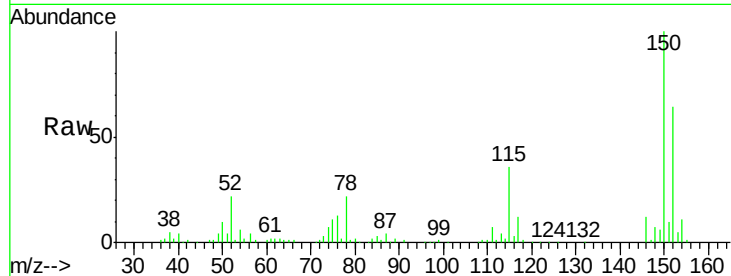
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.5	183.7
115	57.1	51.8	77.8

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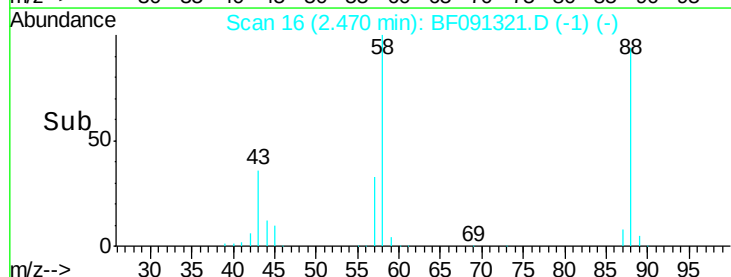
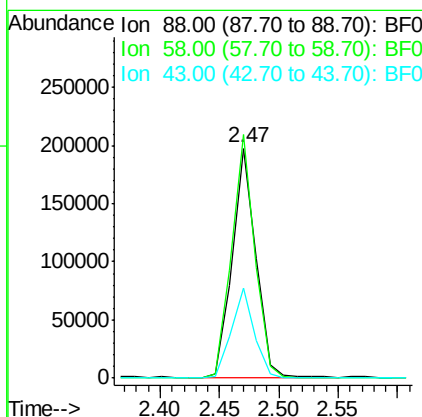
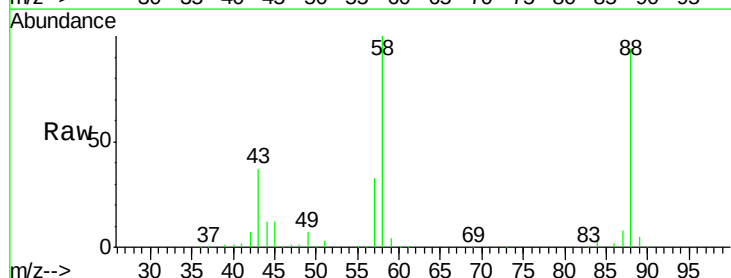
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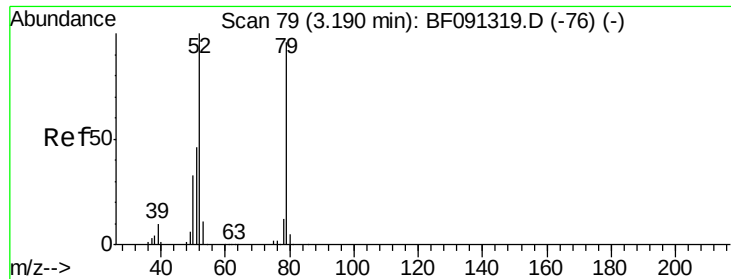


#2

1,4-Dioxane
Concen: 52.89 ng
RT: 2.47 min Scan# 16
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.8	70.3	105.5
43	38.8	31.3	46.9





#3

Pyridine

Concen: 57.96 ng

RT: 3.20 min Scan# 80

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

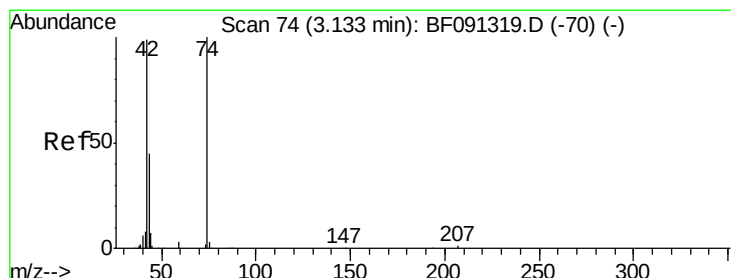
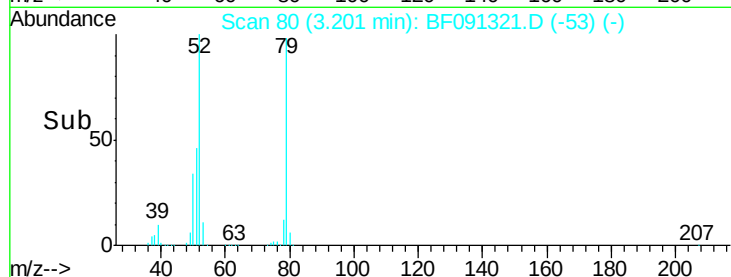
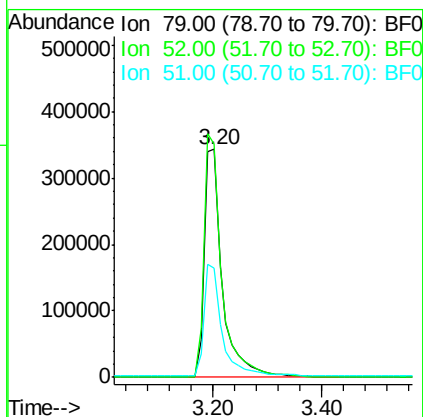
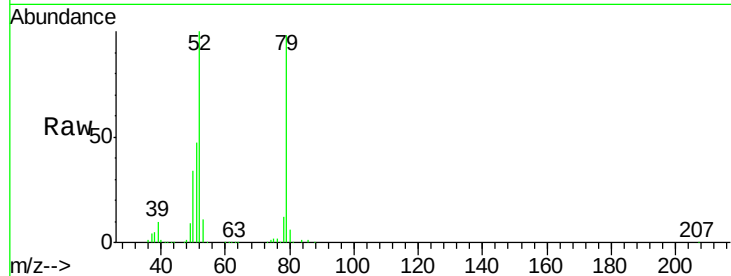
ClientSampleId :

SSTDICC060

Tgt Ion:	79	Resp:	794569
Ion	Ratio	Lower	Upper
79	100		
52	102.4	71.0	106.4
51	48.0	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 55.45 ng

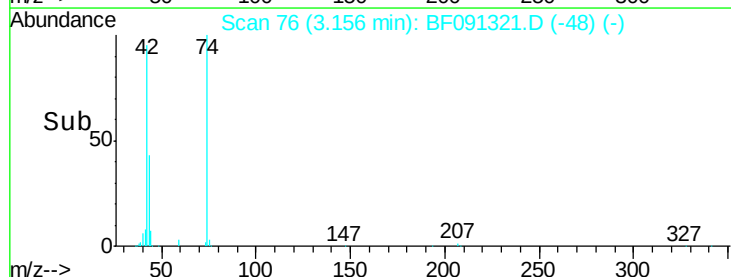
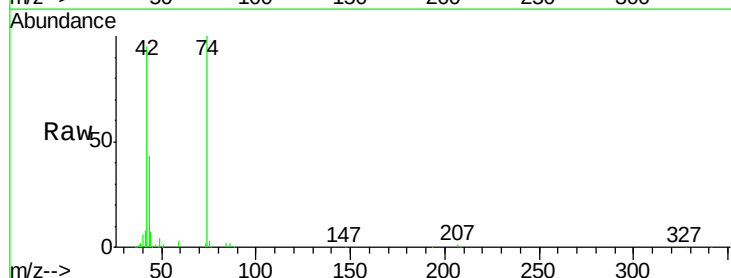
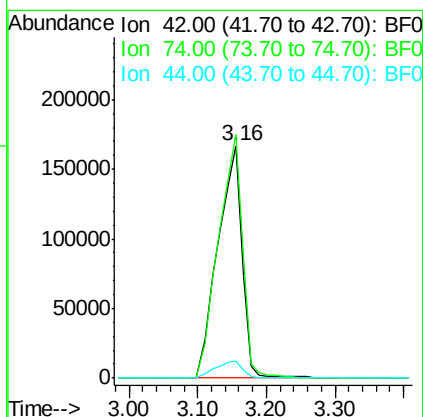
RT: 3.16 min Scan# 76

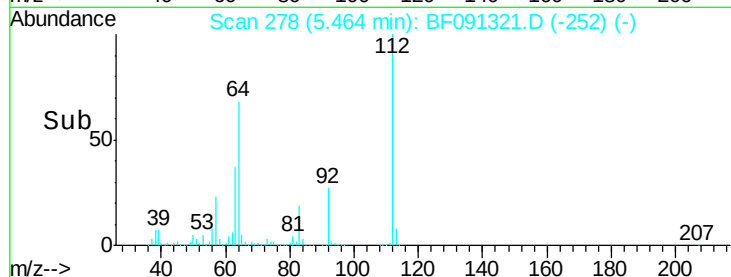
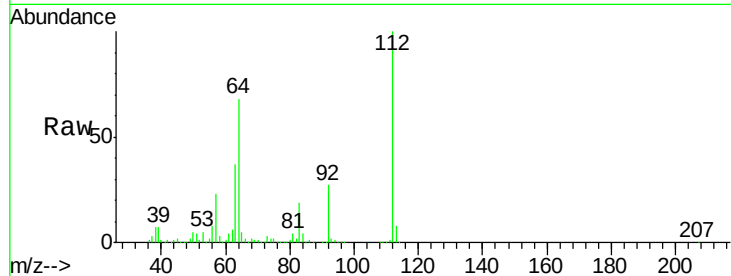
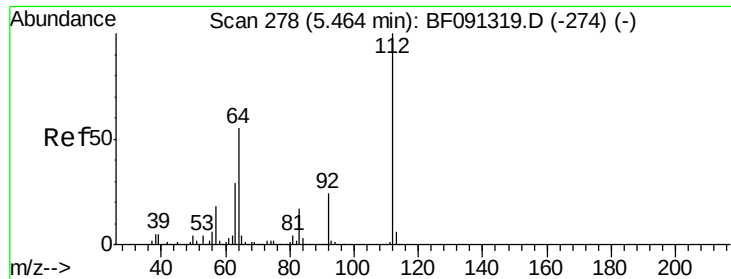
Delta R.T. 0.02 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Tgt Ion:	42	Resp:	416228
Ion	Ratio	Lower	Upper
42	100		
74	104.8	78.9	118.3
44	7.2	5.8	8.6





#5

2-Fluorophenol

Concen: 113.16 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

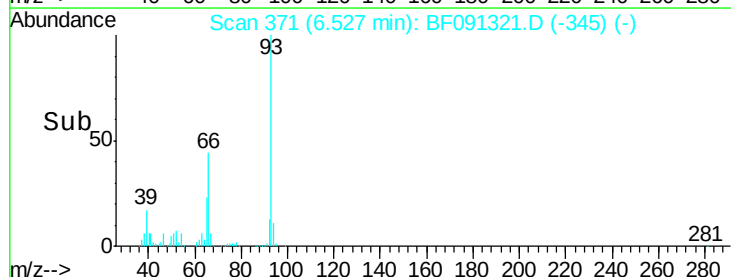
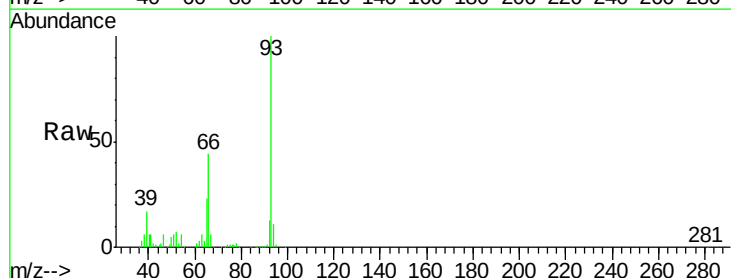
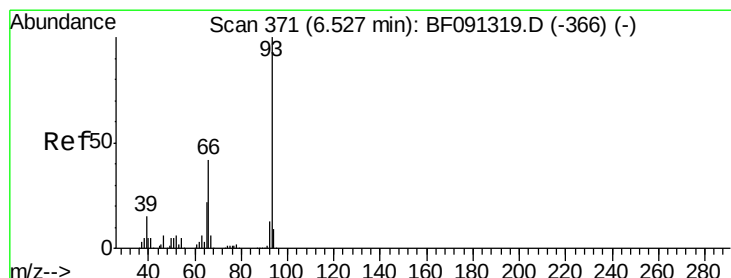
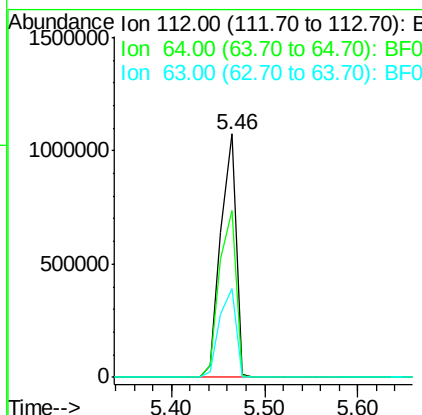
ClientSampleId :

SSTDICC060

Tgt Ion:	112	Resp:	1223690
Ion Ratio	Lower	Upper	
112	100		
64	68.5	61.5	92.3
63	36.6	33.3	49.9

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#6

Aniline

Concen: 54.48 ng

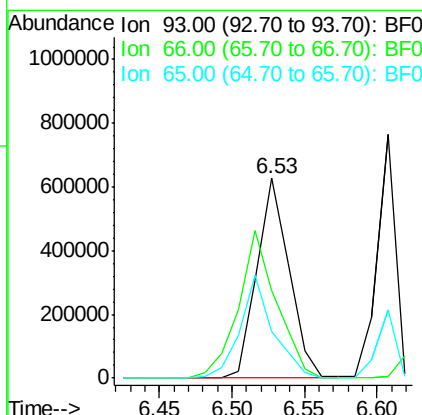
RT: 6.53 min Scan# 371

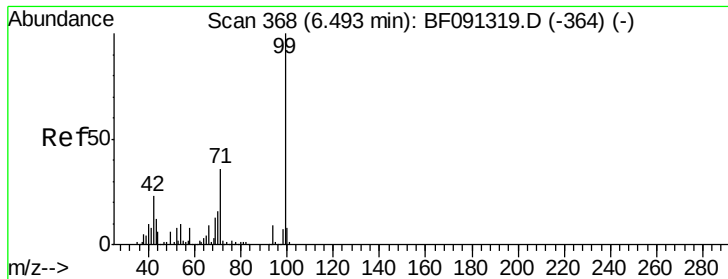
Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Tgt Ion:	93	Resp:	967643
Ion Ratio	Lower	Upper	
93	100		
66	43.9	55.8	83.6#
65	23.3	29.9	44.9#





#7

Phenol-d6

Concen: 108.50 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1507410

Ion Ratio Lower Upper

99 100

42 20.2 20.6 31.0#

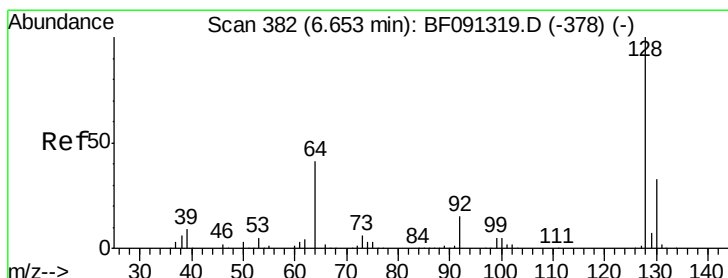
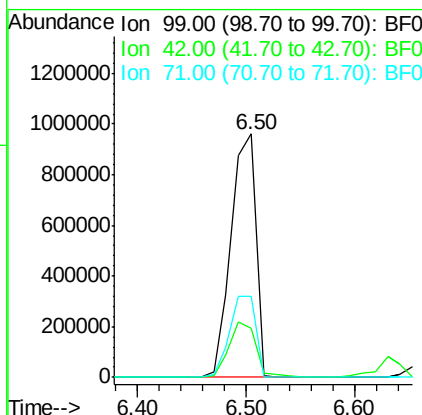
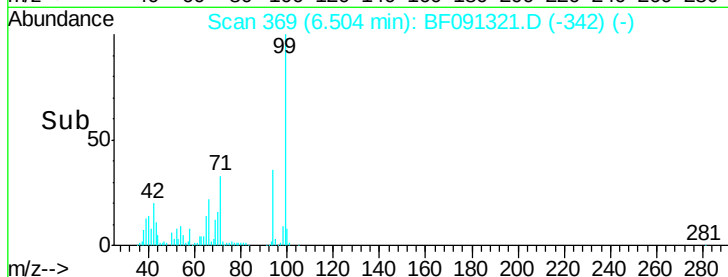
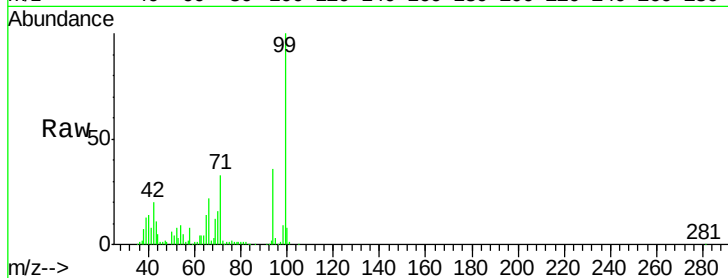
71 33.4 29.9 44.9

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#8

2-Chlorophenol

Concen: 55.31 ng

RT: 6.65 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

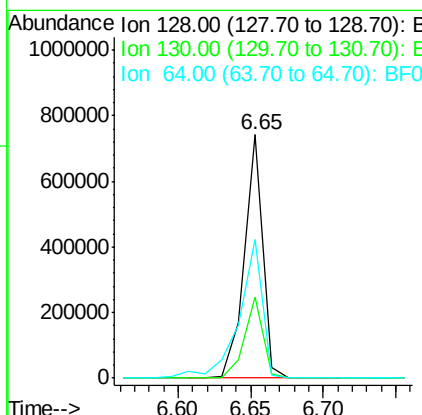
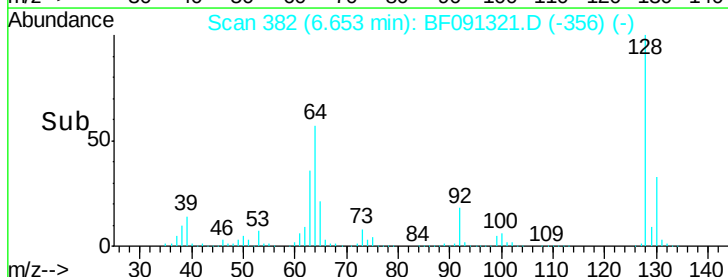
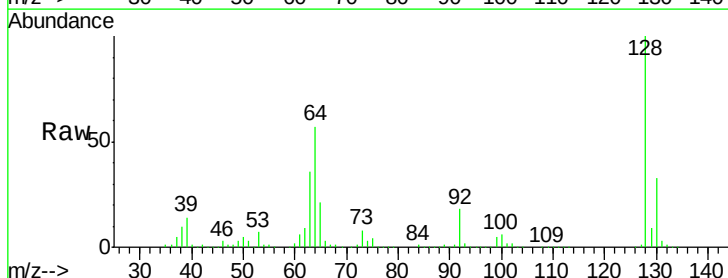
Tgt Ion: 128 Resp: 651457

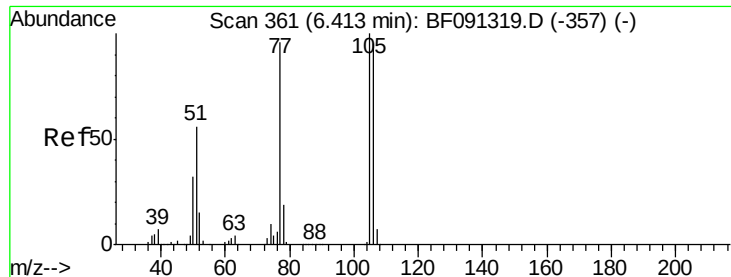
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 56.8 24.1 64.1





#9

Benzaldehyde

Concen: 60.50 ng

RT: 6.41 min Scan# 361

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

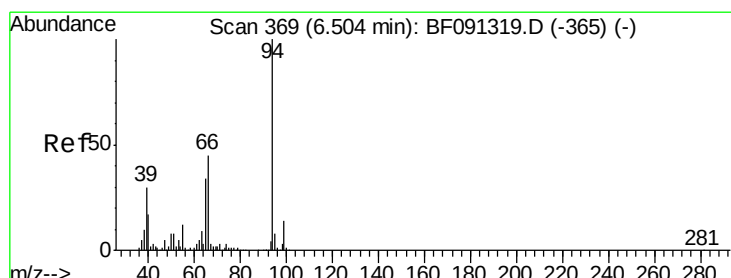
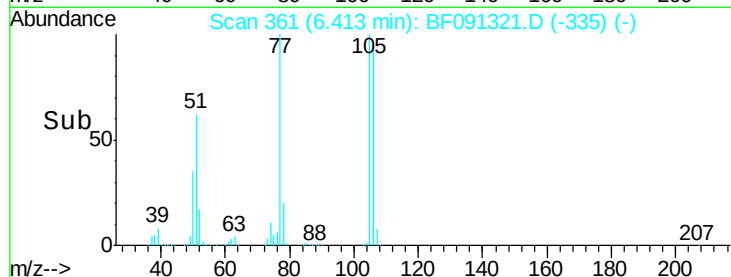
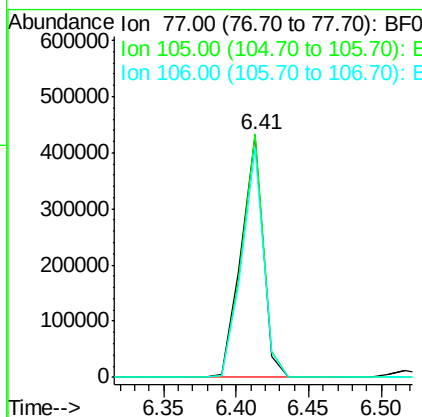
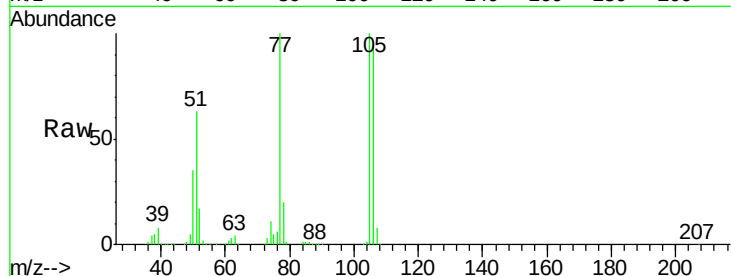
ClientSampleId :

SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	454917		
105	100.4	66.4	106.4	
106	94.6	60.9	100.9	

Manual Integrations
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#10

Phenol

Concen: 61.27 ng

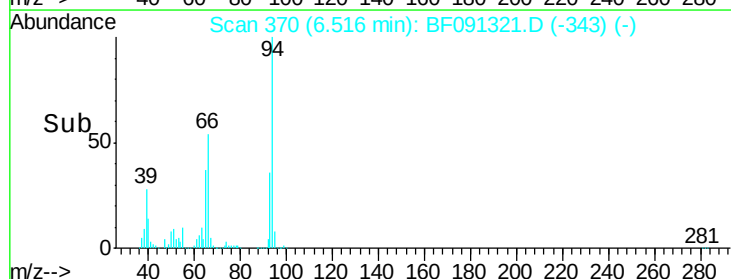
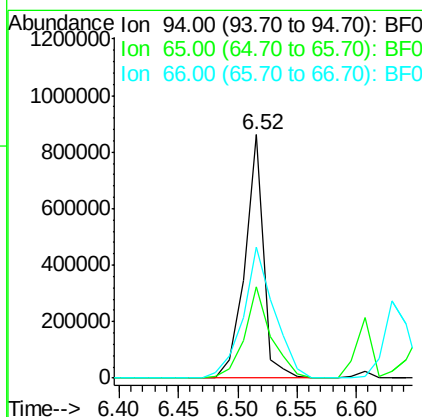
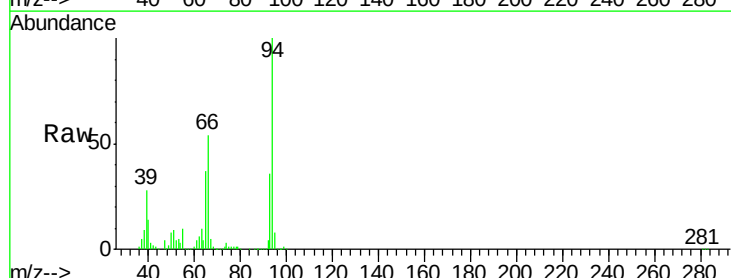
RT: 6.52 min Scan# 370

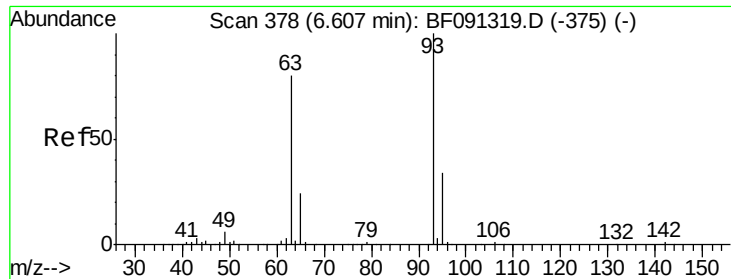
Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	949819		
65	37.3	16.9	56.9	
66	53.6	30.6	70.6	





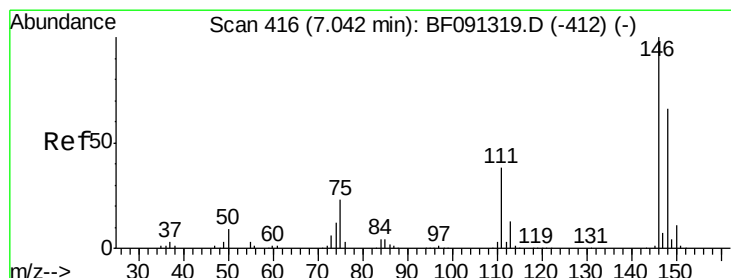
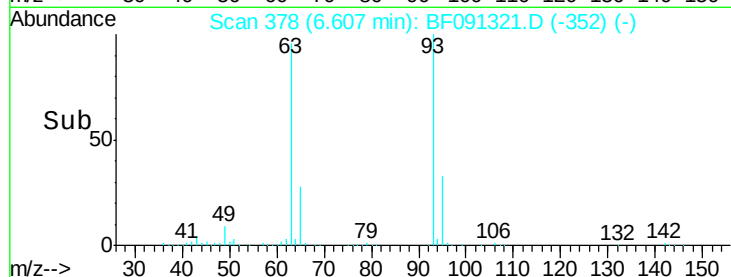
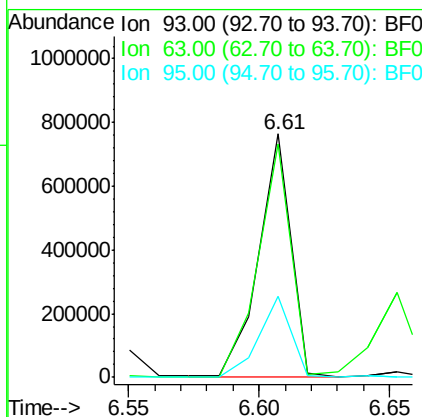
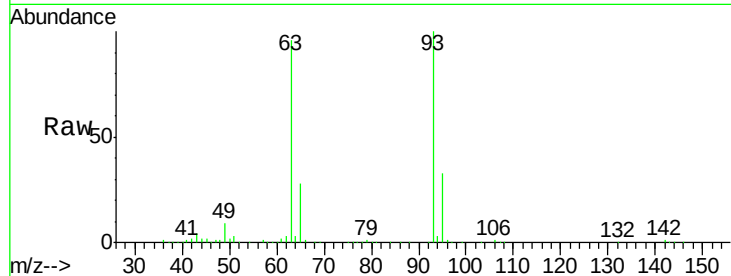
#11
bis(2-Chloroethyl)ether
Concen: 58.04 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
93	100		
63	95.9	74.8	114.8
95	33.2	12.4	52.4

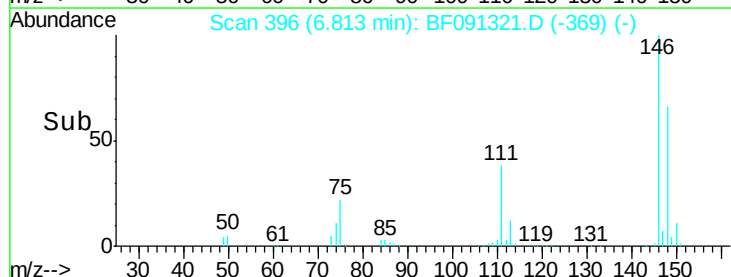
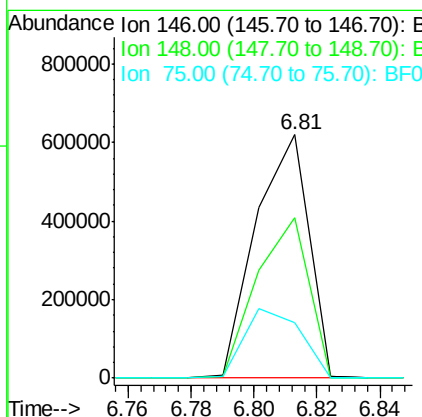
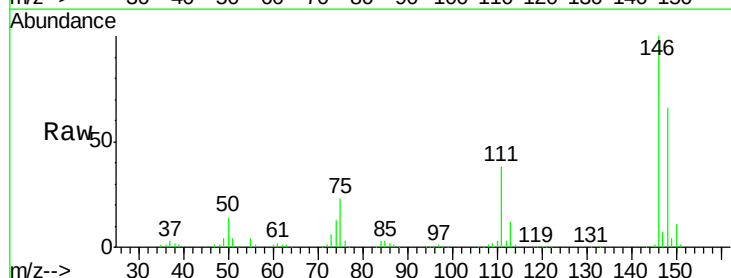
Manual Integrations
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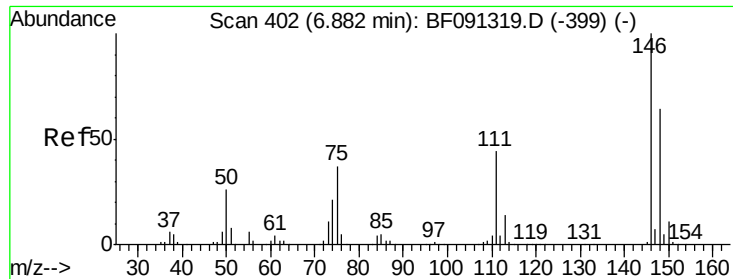
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#12
1,3-Dichlorobenzene
Concen: 56.98 ng m
RT: 6.81 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.4	77.0
75	23.0	23.6	35.4#





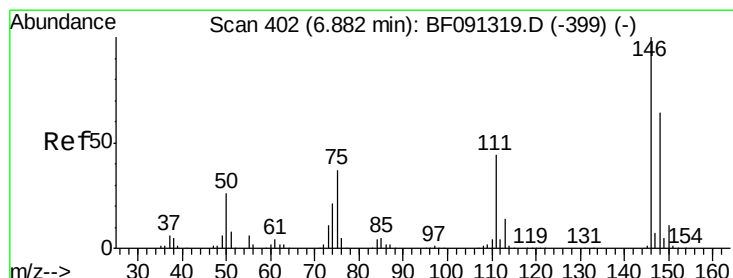
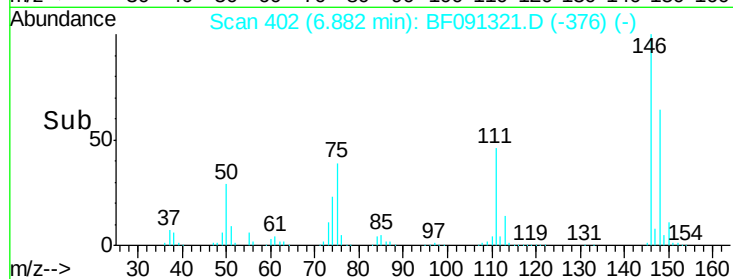
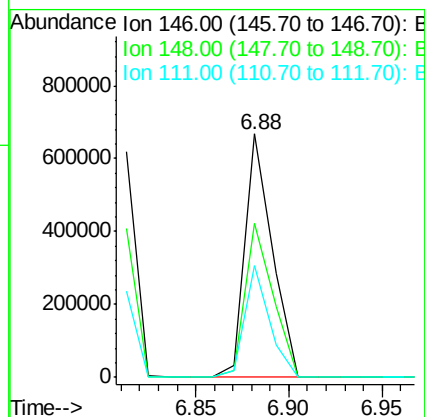
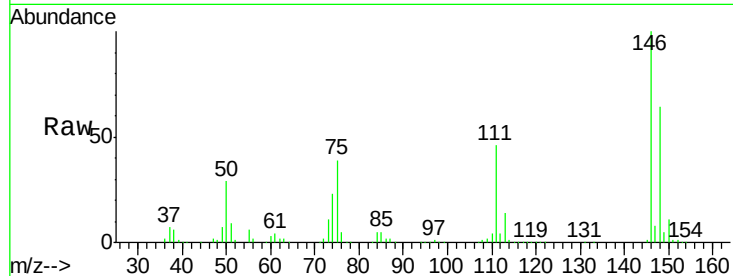
#13
1,4-Dichlorobenzene
Concen: 51.41 ng
RT: 6.88 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:146 Resp: 675873
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
111 46.0 32.2 48.2

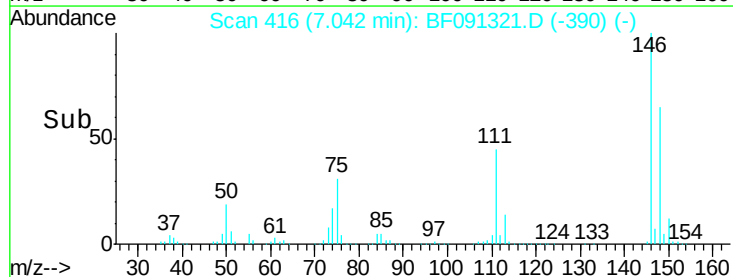
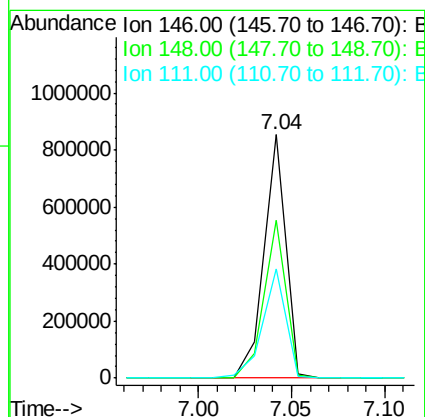
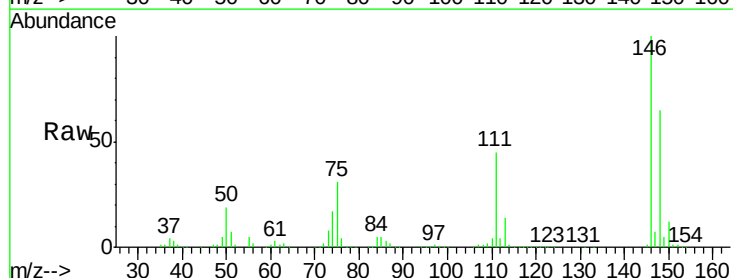
Manual Integrations
APPROVED

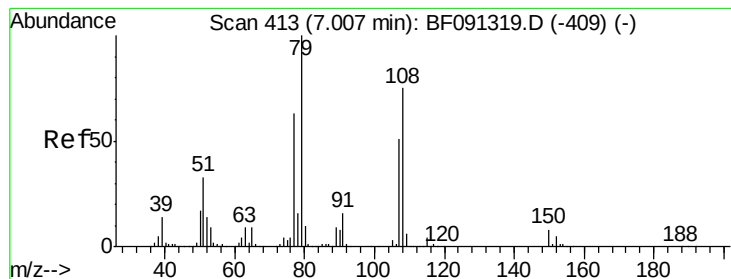
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#14
1,2-Dichlorobenzene
Concen: 55.14 ng
RT: 7.04 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:146 Resp: 687692
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 45.1 38.9 58.3





#15

Benzyl Alcohol

Concen: 52.23 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

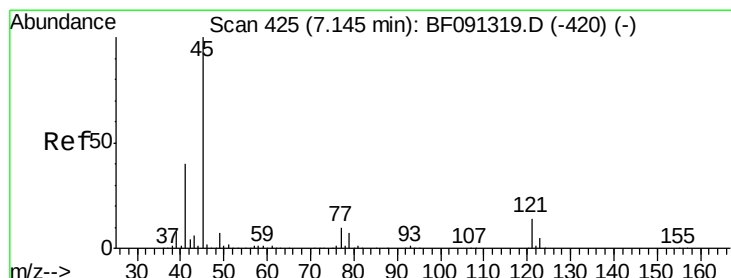
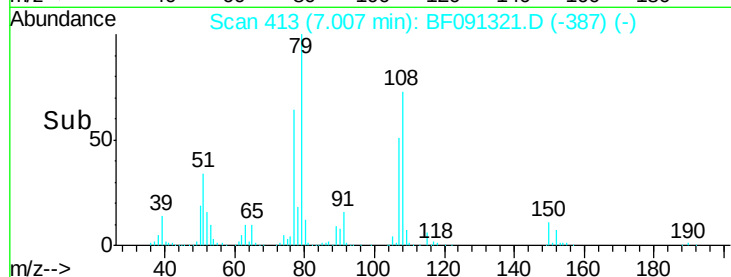
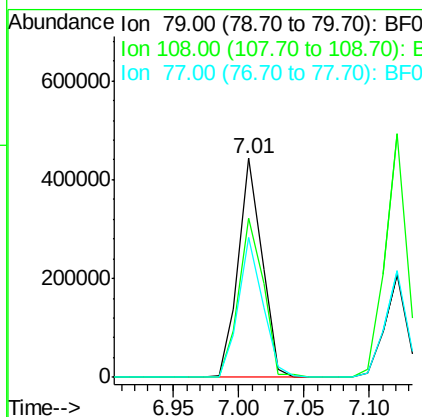
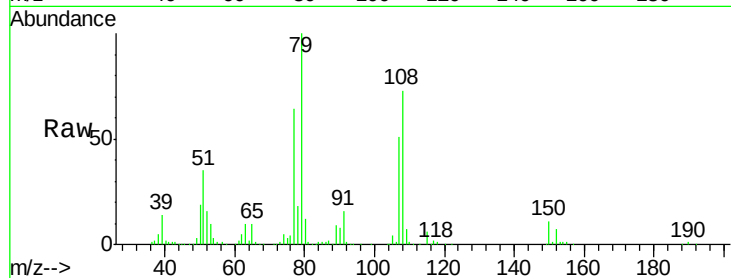
ClientSampleId :

SSTDICC060

Tgt Ion:	79	Resp:	563417
Ion	Ratio	Lower	Upper
79	100		
108	73.0	62.7	94.1
77	63.8	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.09 ng

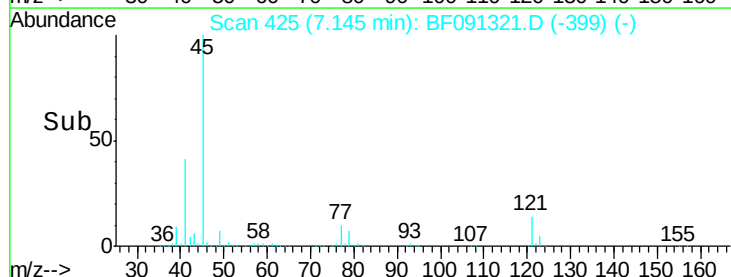
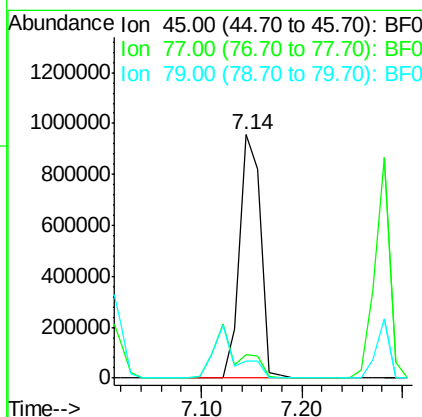
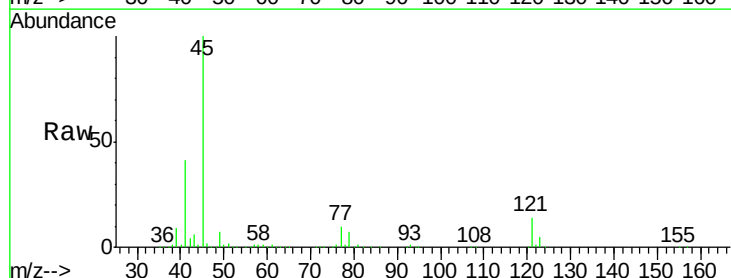
RT: 7.14 min Scan# 425

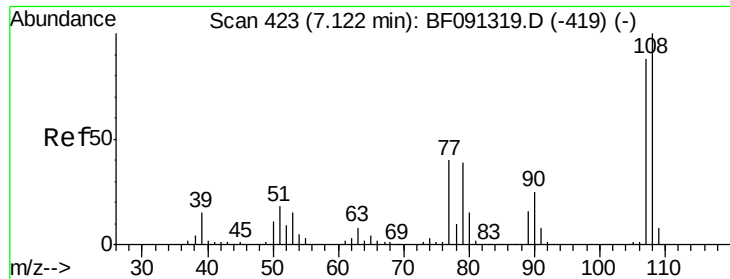
Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Tgt Ion:	45	Resp:	1376476
Ion	Ratio	Lower	Upper
45	100		
77	9.7	3.8	43.8
79	7.1	0.2	40.2





#17

2-Methylphenol

Concen: 52.96 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:107 Resp: 493575
Ion Ratio Lower Upper

107 100

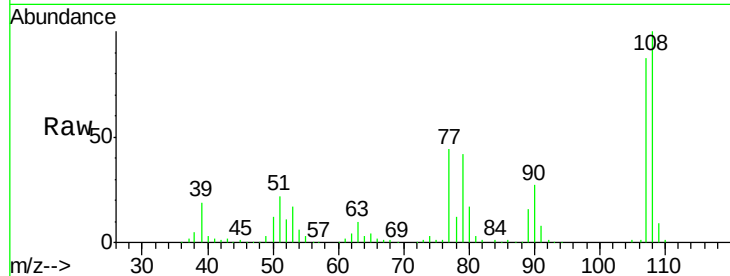
108 115.6 67.7 101.5#

77 50.4 40.7 61.1

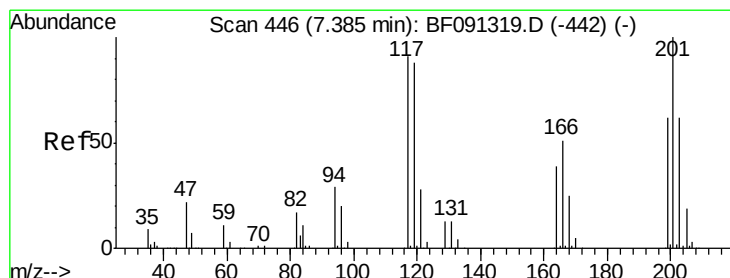
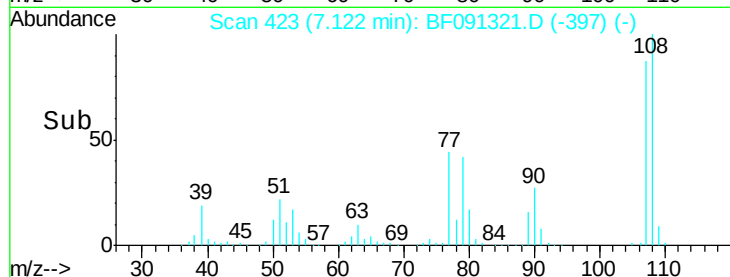
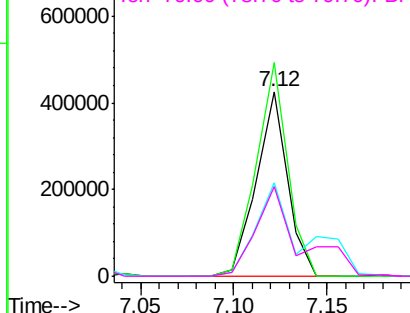
79 48.8 23.4 35.2#

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



#18

Hexachloroethane

Concen: 56.30 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091321.D

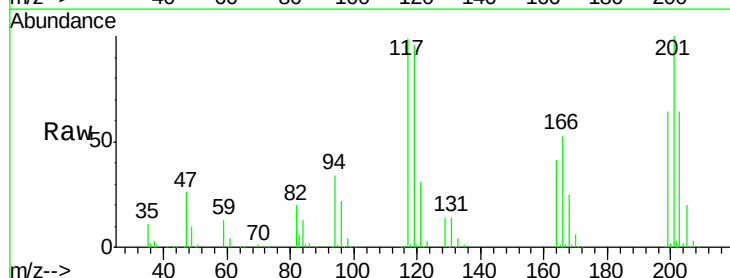
Acq: 29 Nov 2016 12:21

Tgt Ion:117 Resp: 263502
Ion Ratio Lower Upper

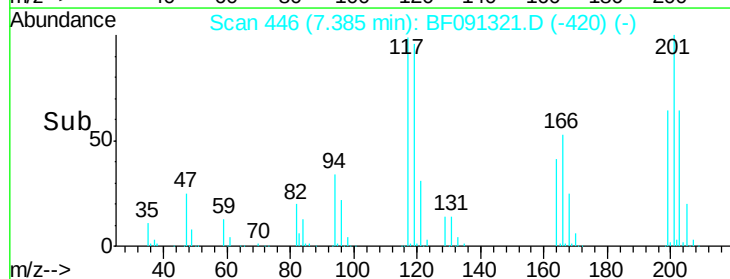
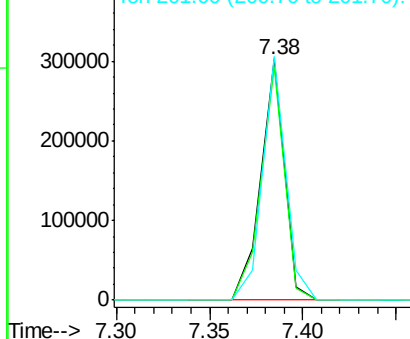
117 100

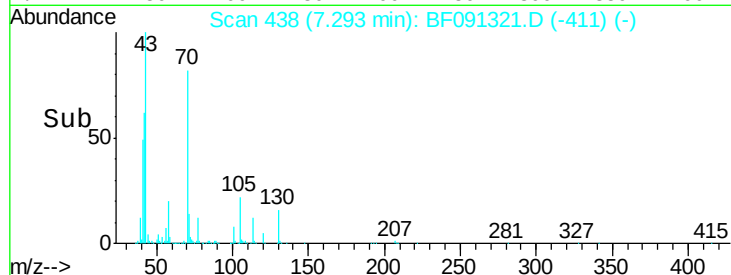
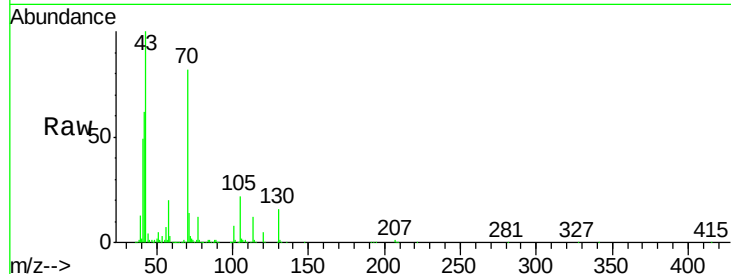
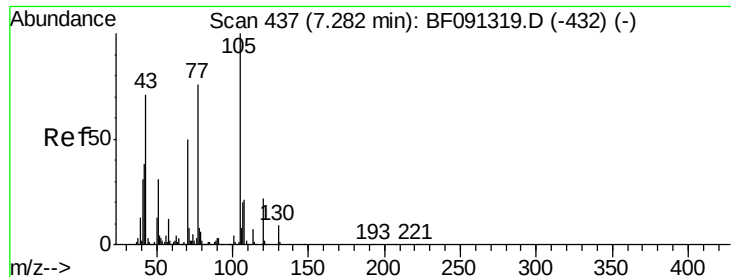
119 97.1 78.6 118.0

201 101.1 86.7 130.1



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





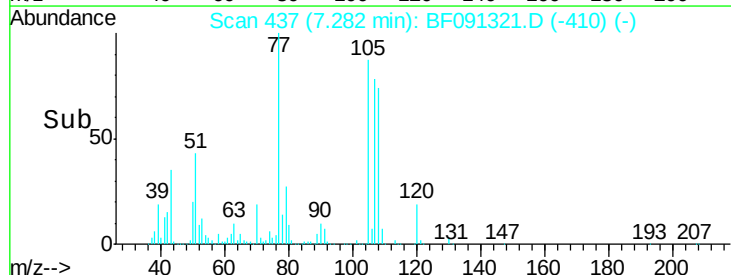
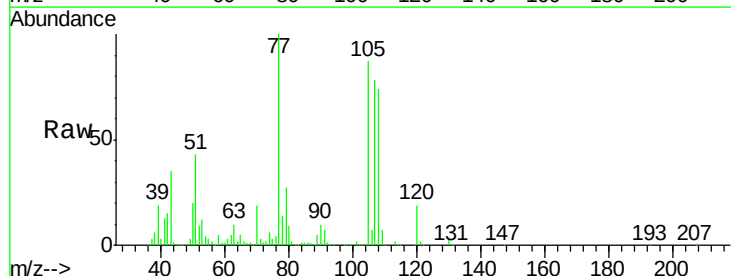
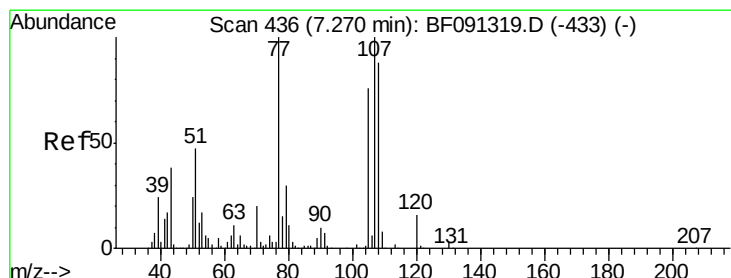
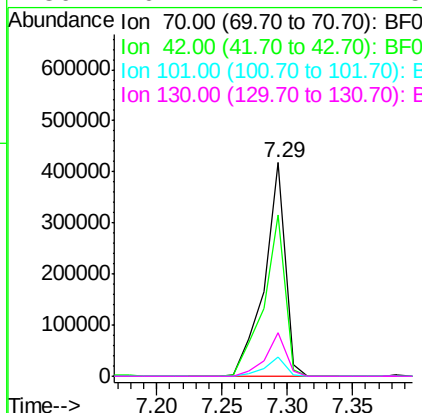
#19
n-Nitroso-di-n-propylamine
Concen: 53.60 ng
RT: 7.29 min Scan# 438
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.6	64.8	97.2
101	9.3	6.2	9.4
130	20.1	11.7	17.5#

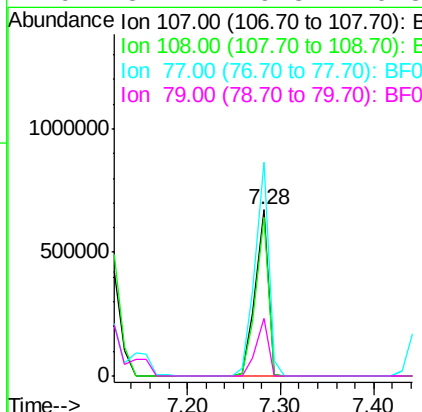
Manual Integrations
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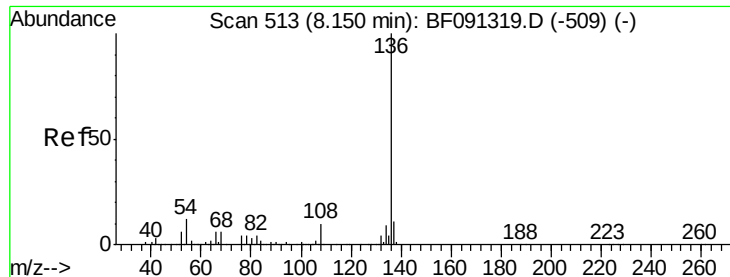
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#20
3+4-Methylphenols
Concen: 56.81 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.2	64.6	104.6
77	128.4	30.9	70.9#
79	34.4	9.3	49.3





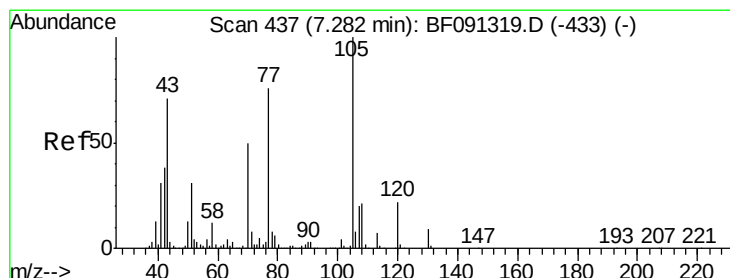
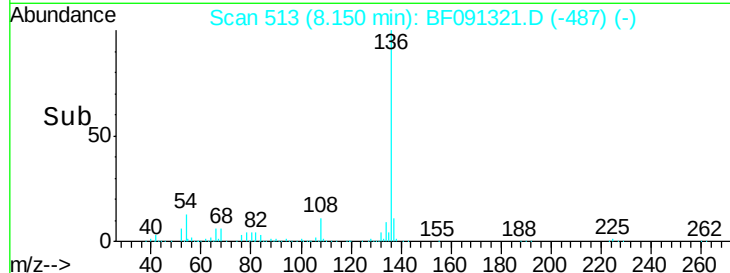
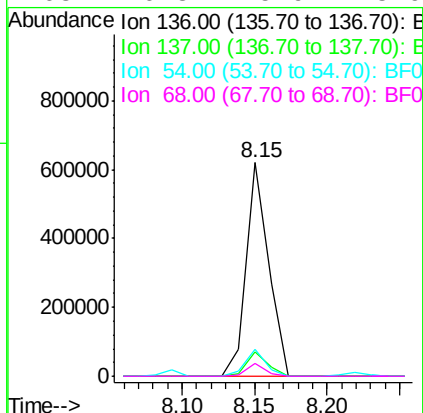
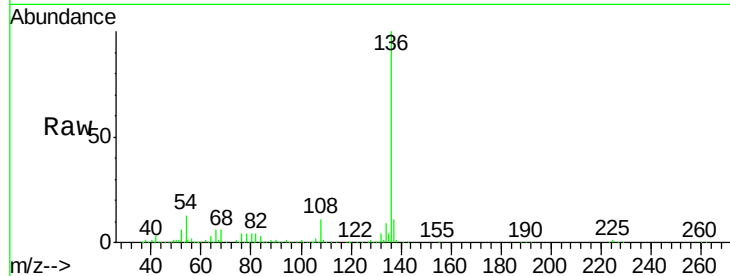
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	664202		
137	11.2	9.1	13.7	
54	12.6	9.1	13.7	
68	6.3	5.9	8.9	

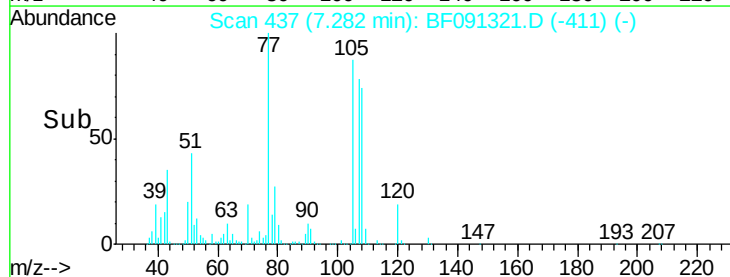
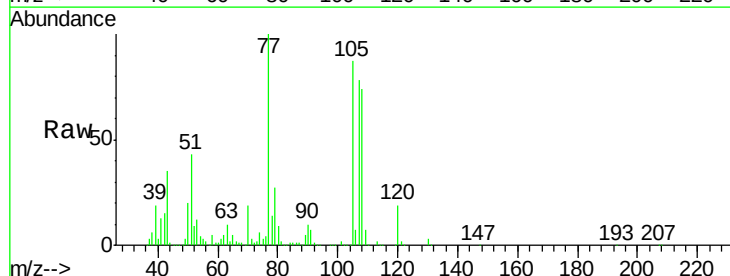
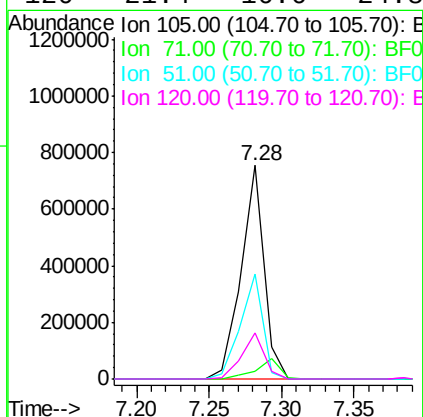
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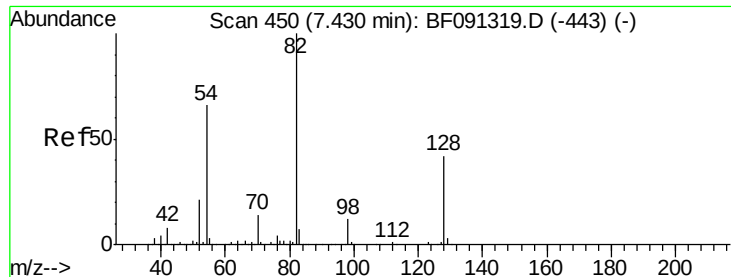
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#22
Acetophenone
Concen: 55.25 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	828075		
71	3.8	7.9	11.9#	
51	49.3	24.5	36.7#	
120	21.4	16.6	24.8	





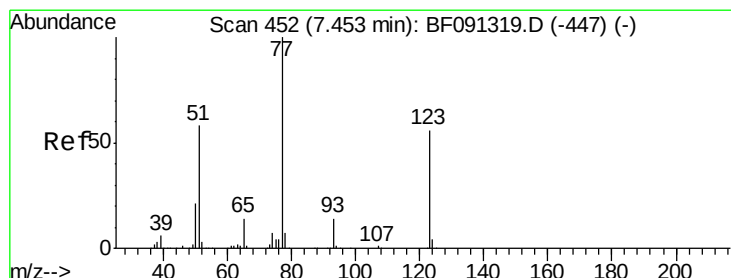
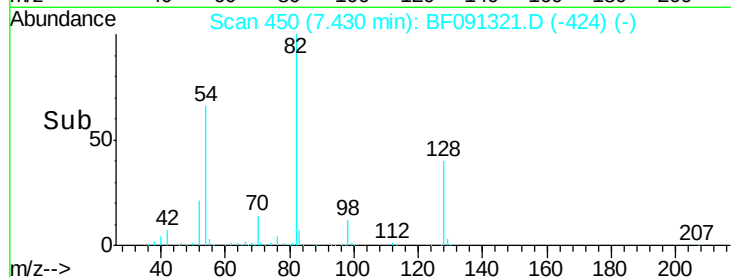
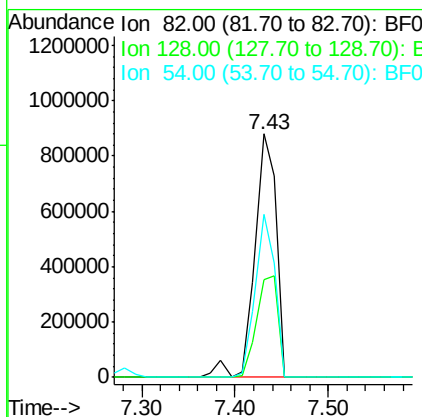
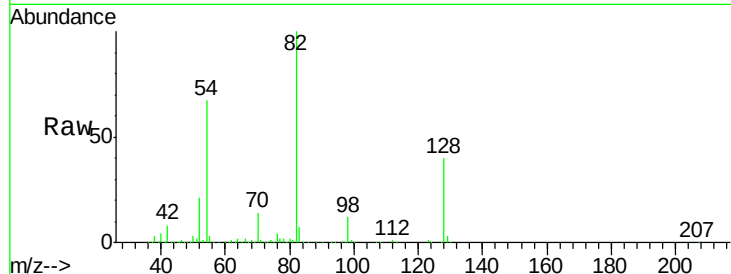
#23
 Nitrobenzene-d5
 Concen: 122.21 ng
 RT: 7.43 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.8	47.6
54	66.7	49.1	73.7

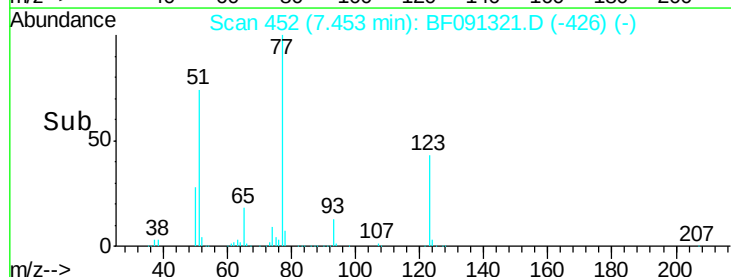
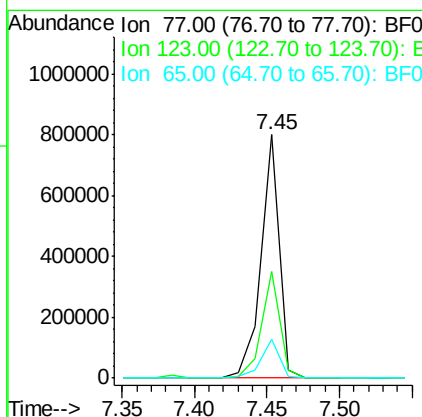
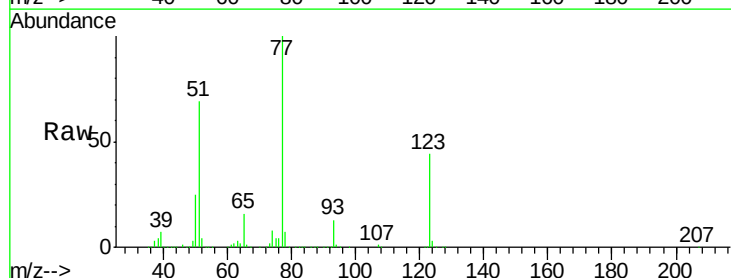
Manual Integrations
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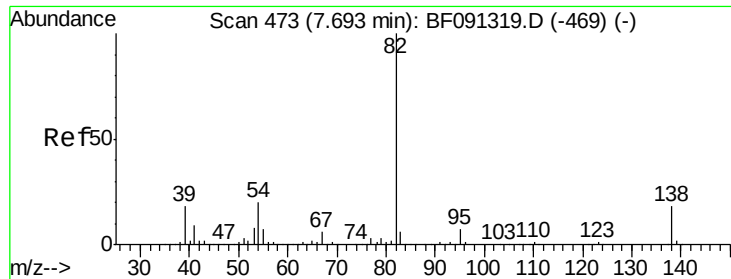
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#24
 Nitrobenzene
 Concen: 57.26 ng
 RT: 7.45 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	28.5	42.7#
65	16.0	12.5	18.7





#25

Isophorone

Concen: 56.93 ng

RT: 7.69 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1226993

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

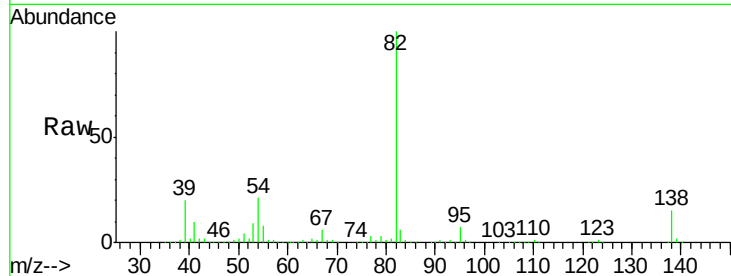
138 14.9 13.4 20.0

Manual Integrations

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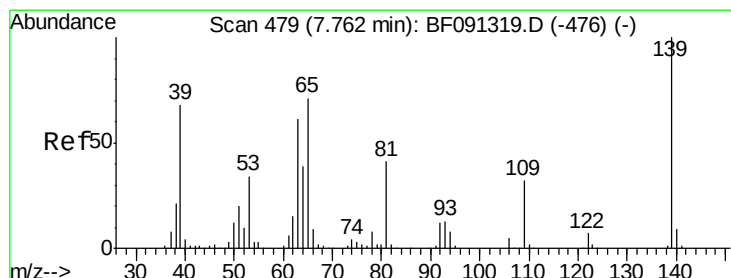
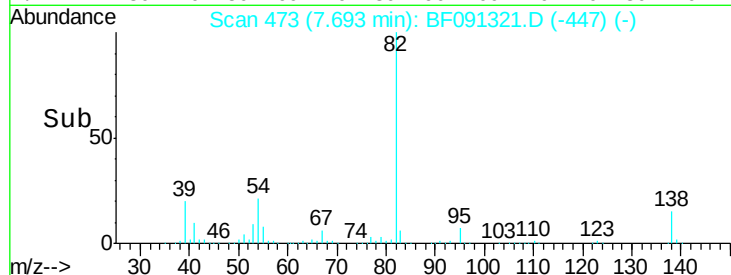
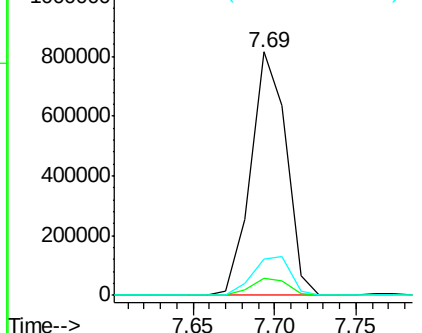
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 70.82 ng

RT: 7.77 min Scan# 480

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

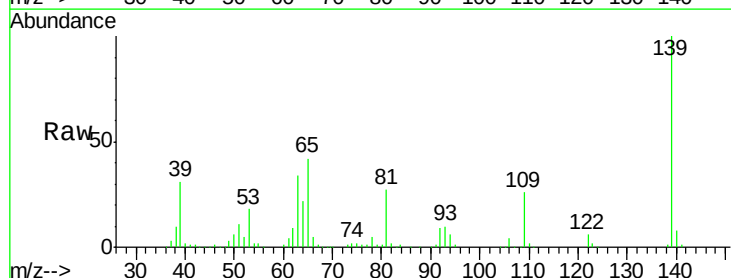
Tgt Ion: 139 Resp: 346769

Ion Ratio Lower Upper

139 100

109 25.6 25.3 37.9

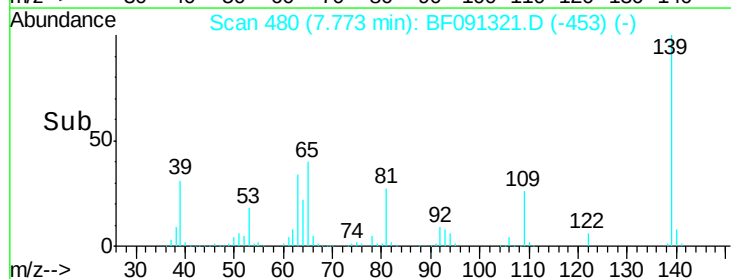
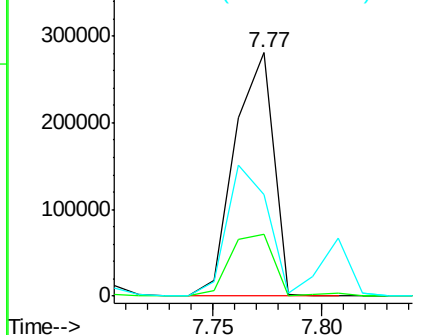
65 41.7 55.4 83.2#

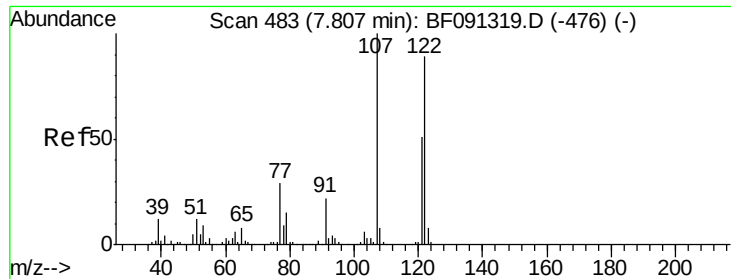


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





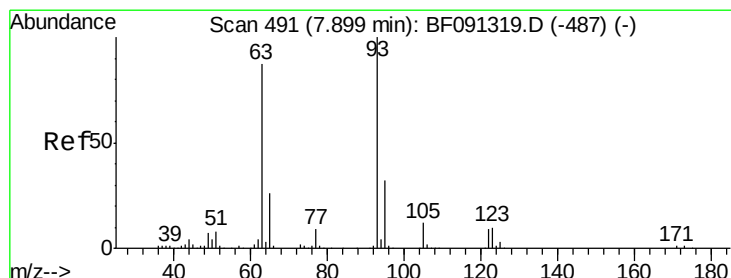
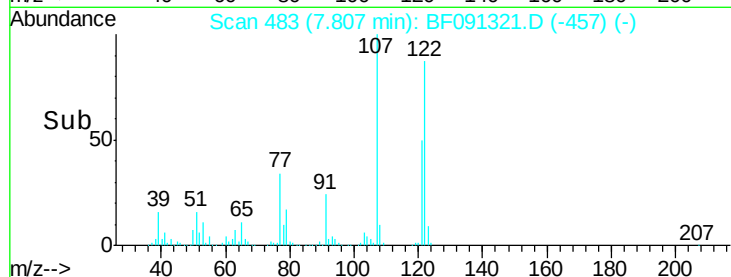
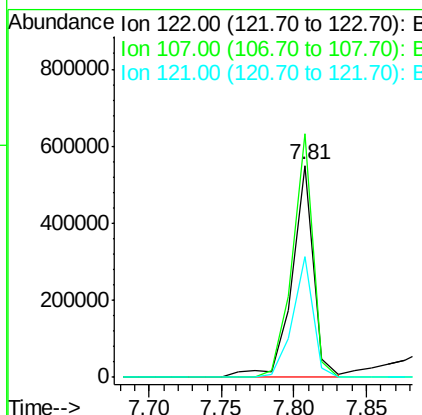
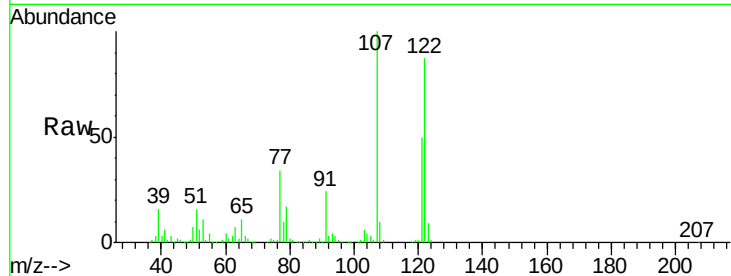
#27
2,4-Dimethylphenol
Concen: 55.29 ng
RT: 7.81 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	568161		
107	114.8	96.8	145.2	
121	57.0	47.7	71.5	

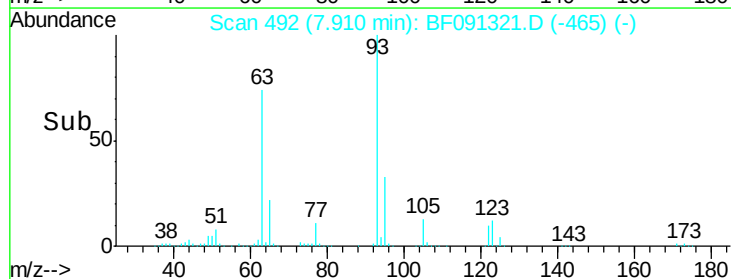
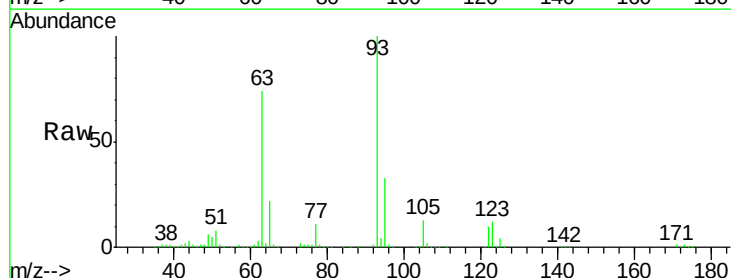
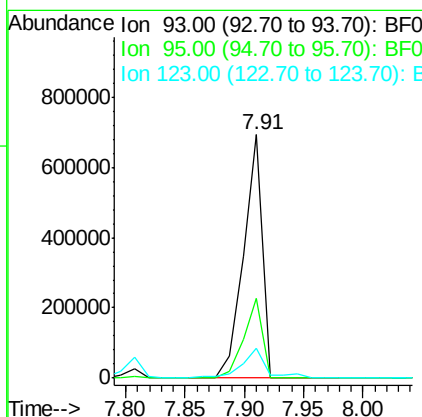
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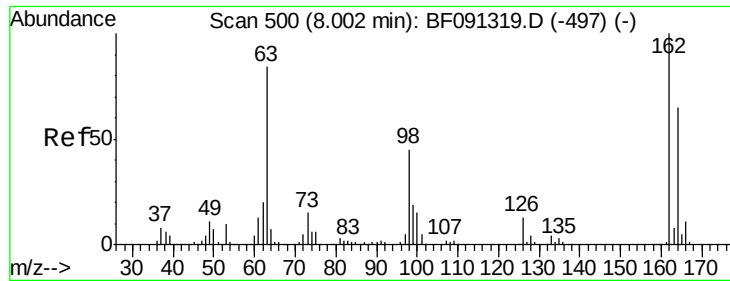
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#28
bis(2-Chloroethoxy)methane
Concen: 59.44 ng
RT: 7.91 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	762679		
95	32.7	26.0	39.0	
123	12.4	8.6	12.8	





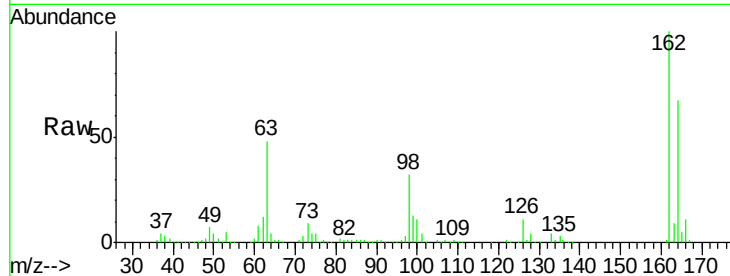
#29
2,4-Dichlorophenol
Concen: 59.03 ng
RT: 8.01 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

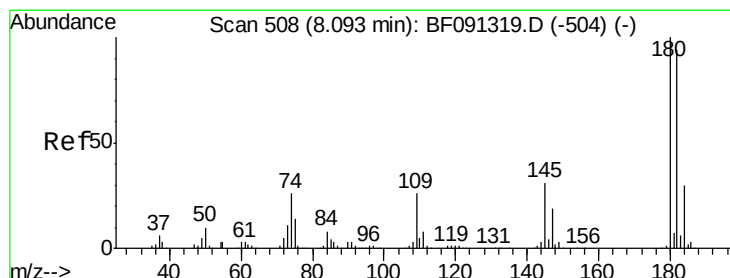
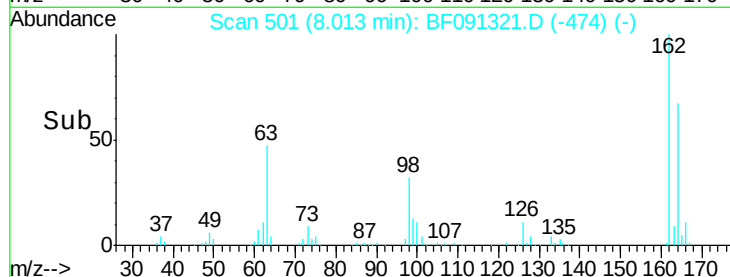
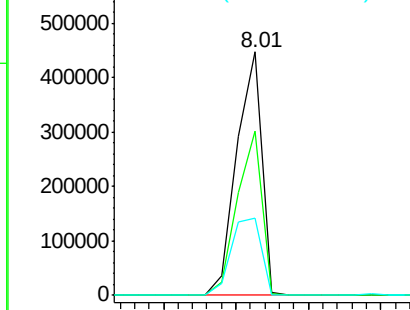
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	535953		
164	67.4	45.0	85.0	
98	31.7	21.3	61.3	

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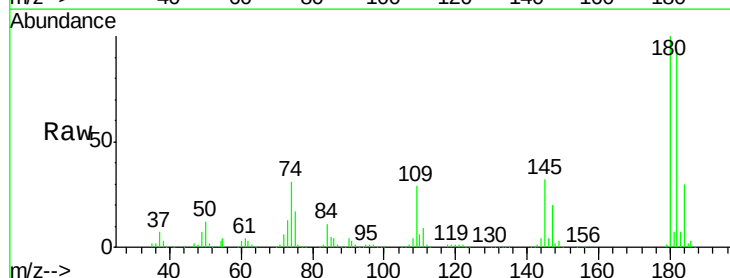


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

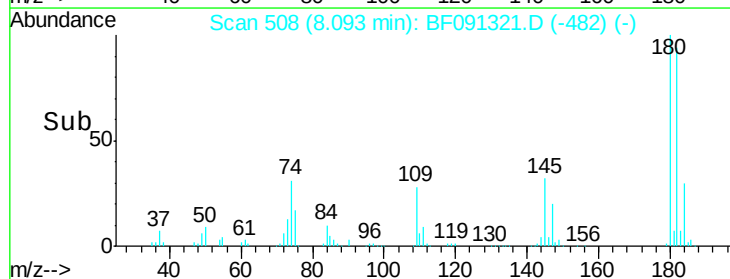
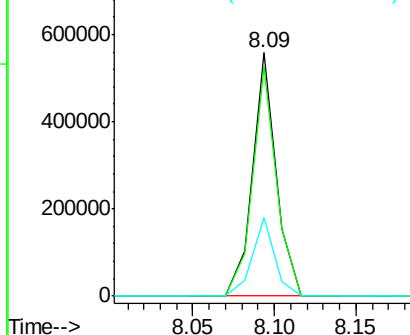


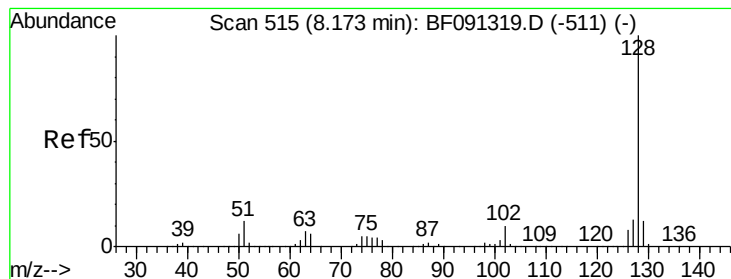
#30
1,2,4-Trichlorobenzene
Concen: 53.42 ng
RT: 8.09 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	558759		
182	94.3	75.8	113.8	
145	32.5	27.0	40.4	



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





#31

Naphthalene

Concen: 52.55 ng

RT: 8.17 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:128 Resp: 1678893

Ion Ratio Lower Upper

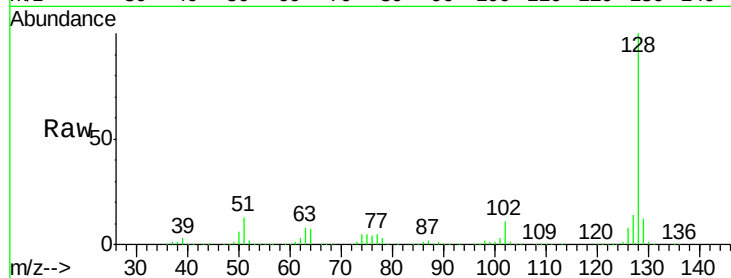
128 100

129 11.6 9.1 13.7

127 13.5 11.0 16.4

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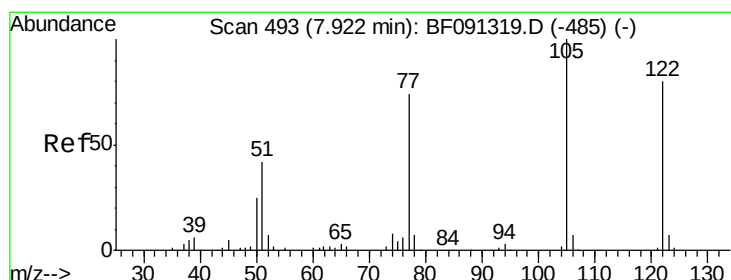
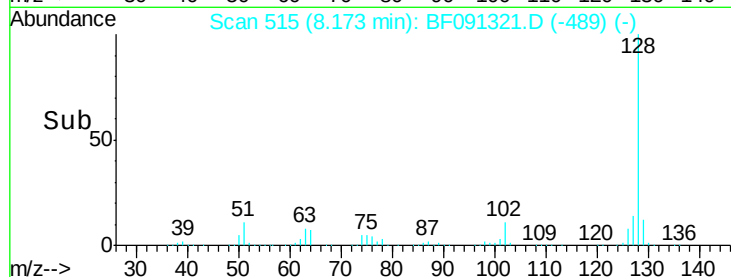
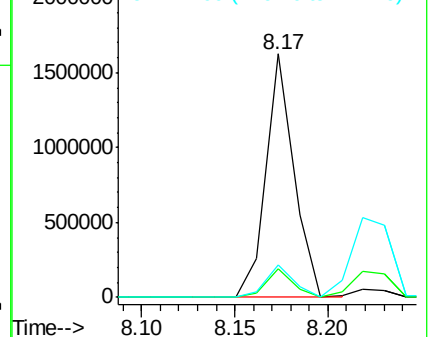
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 58.64 ng

RT: 7.94 min Scan# 495

Delta R.T. 0.02 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

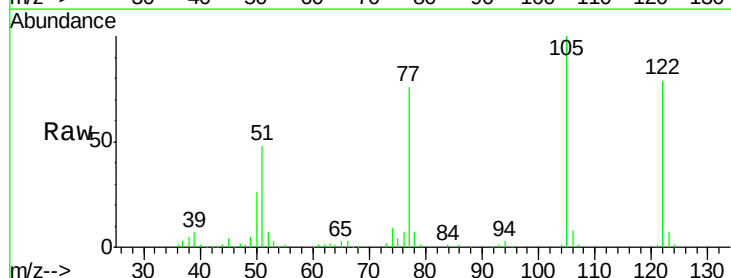
Tgt Ion:122 Resp: 474538

Ion Ratio Lower Upper

122 100

105 126.8 113.0 153.0

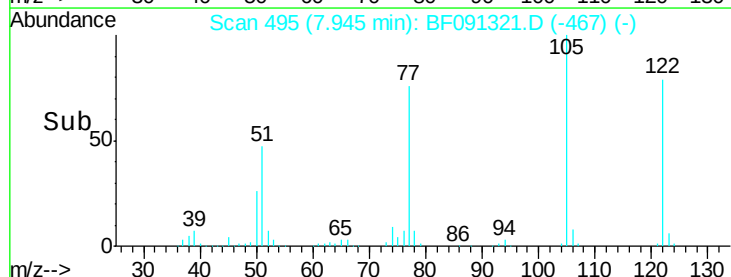
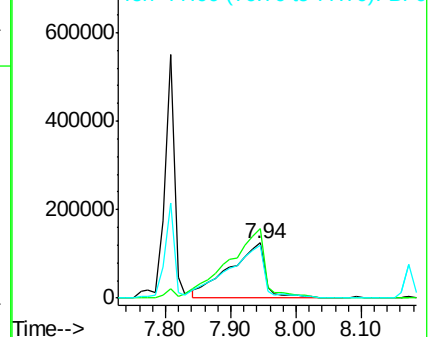
77 95.8 82.0 122.0

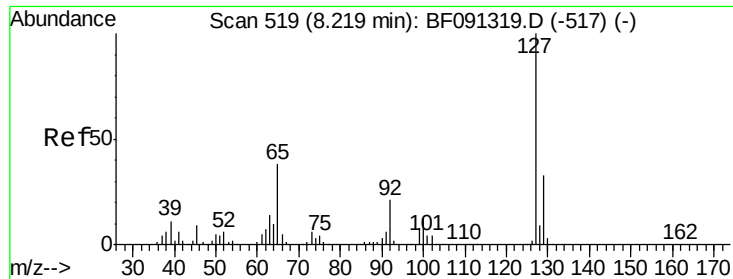


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





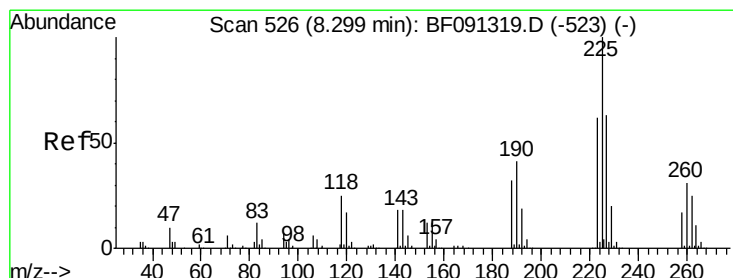
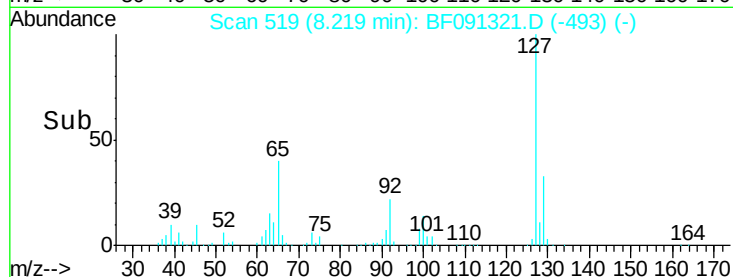
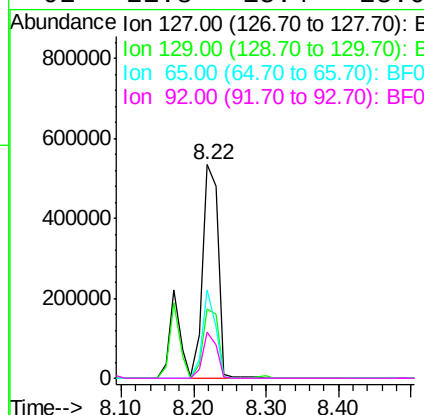
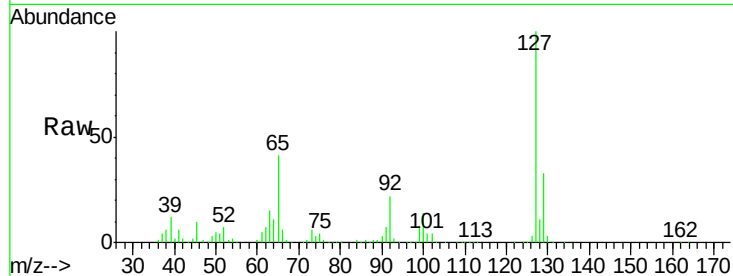
#33
4-Chloroaniline
Concen: 56.75 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	788762		
129	32.5	26.2	39.4	
65	41.2	26.6	39.8	
92	21.8	15.4	23.0	

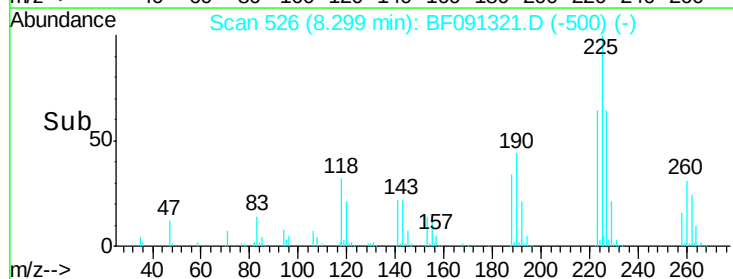
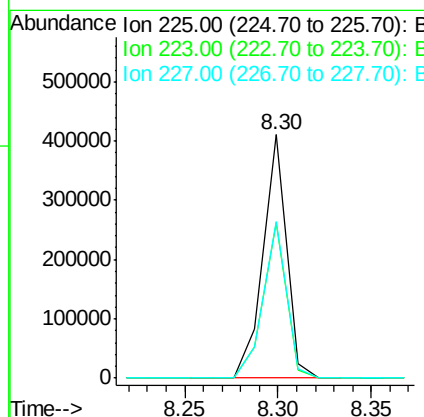
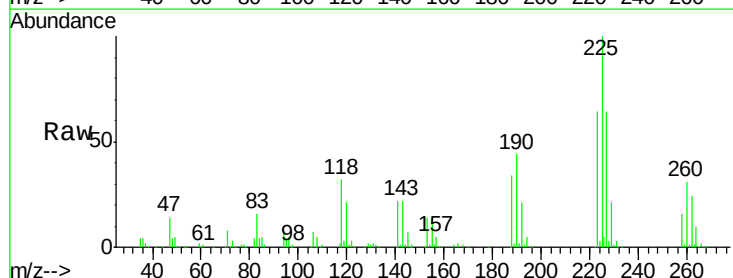
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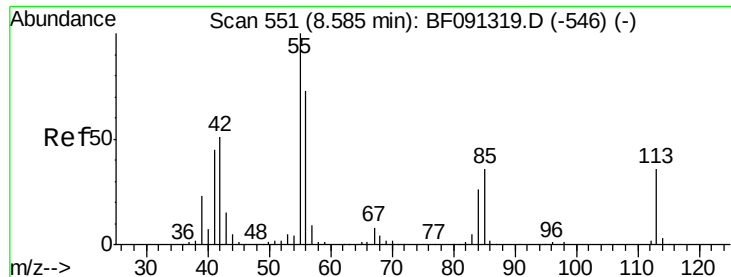
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#34
Hexachlorobutadiene
Concen: 57.46 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	355346		
223	64.0	49.8	74.6	
227	64.0	52.6	79.0	





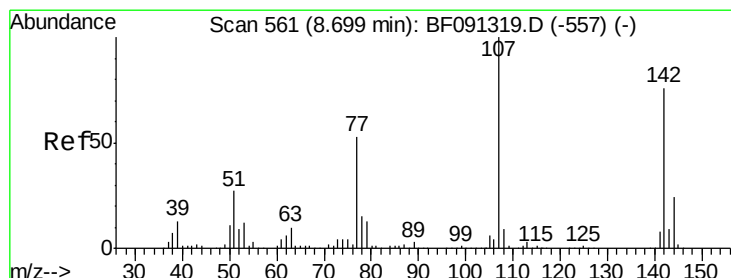
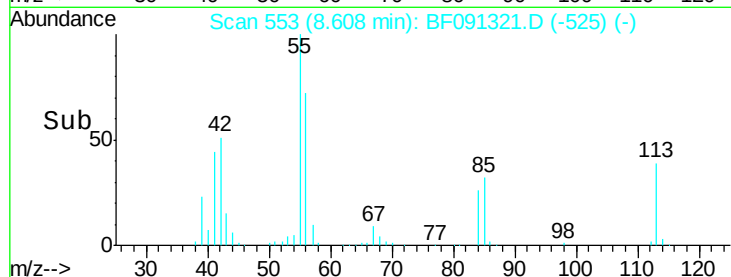
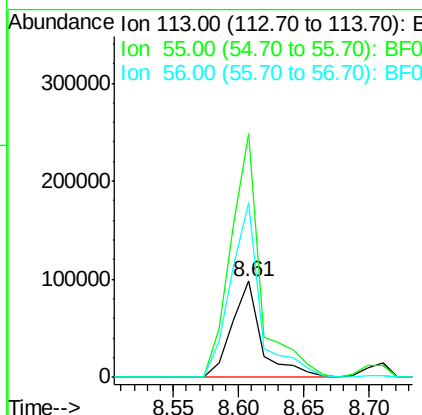
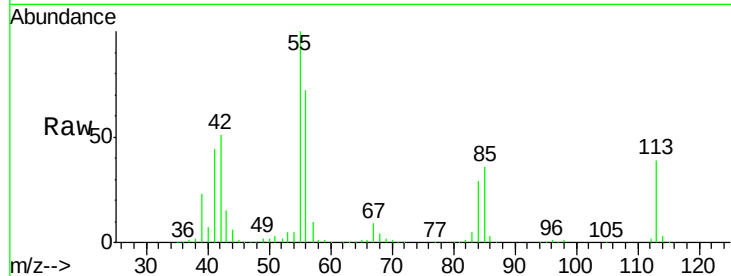
#35
 Caprolactam
 Concen: 55.45 ng
 RT: 8.61 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	155240		
55	253.4	239.8	279.8	
56	181.9	165.6	205.6	

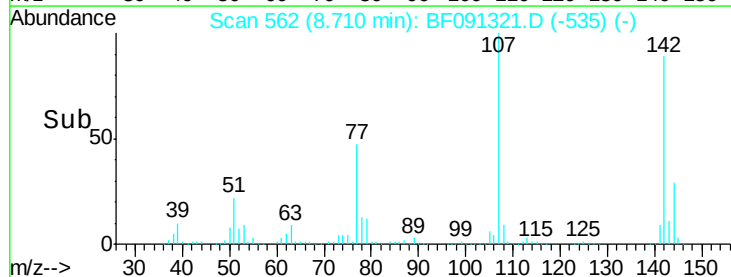
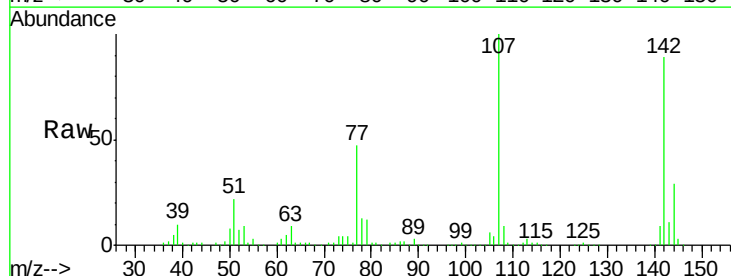
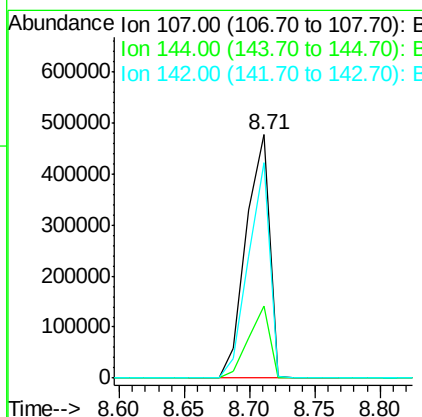
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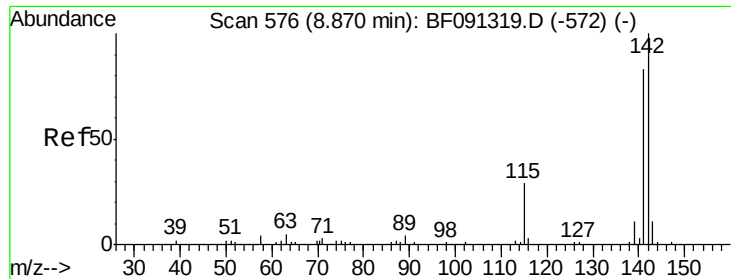
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#36
 4-Chloro-3-methylphenol
 Concen: 61.19 ng
 RT: 8.71 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	597132		
144	29.4	18.9	28.3#	
142	88.7	58.5	87.7#	





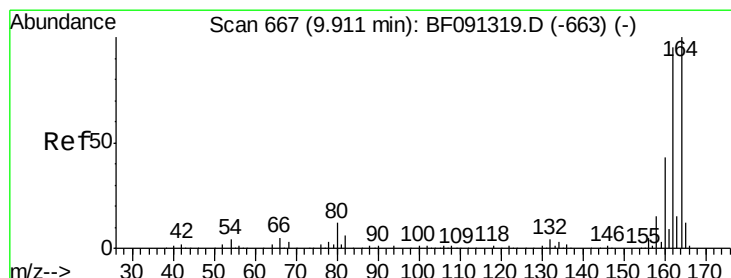
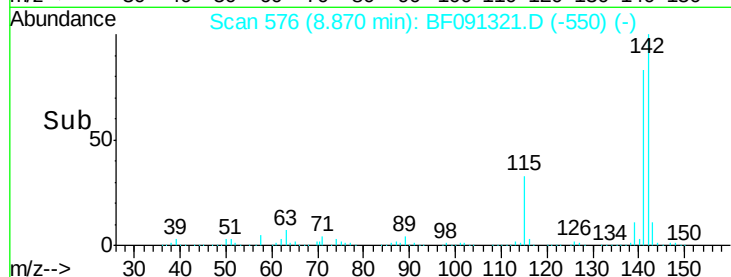
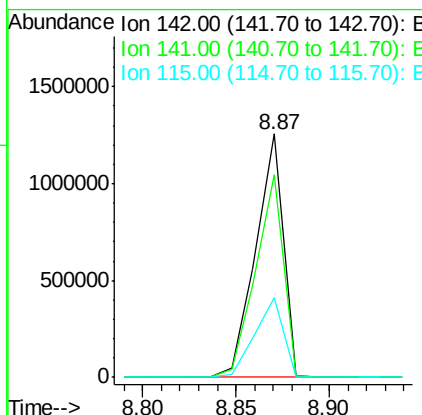
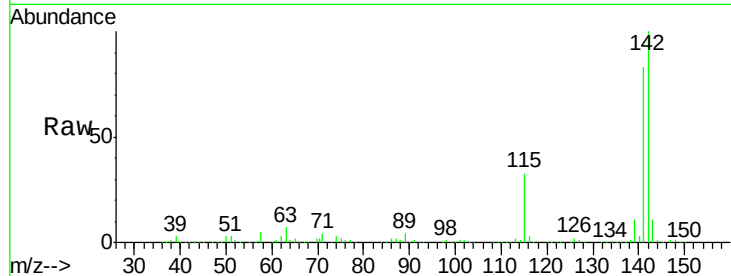
#37
2-Methylnaphthalene
Concen: 58.53 ng
RT: 8.87 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1283490
Ion Ratio Lower Upper
142 100
141 83.4 71.7 107.5
115 32.7 25.0 37.6

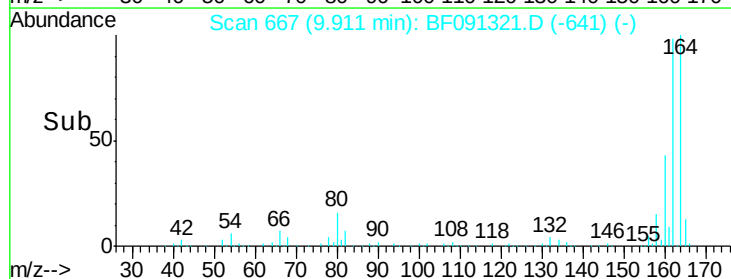
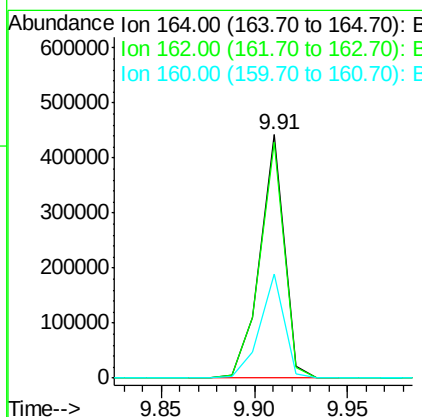
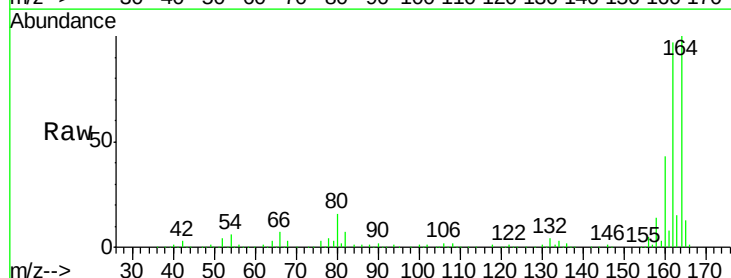
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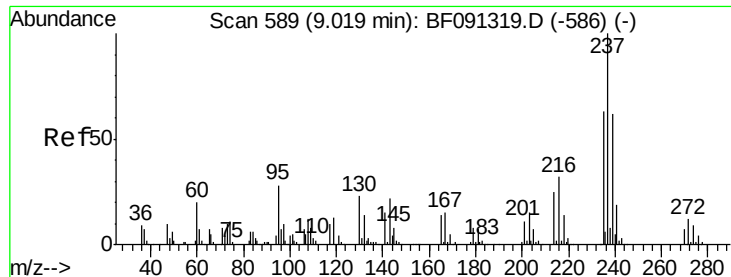
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:164 Resp: 397585
Ion Ratio Lower Upper
164 100
162 96.7 82.6 124.0
160 42.7 36.7 55.1





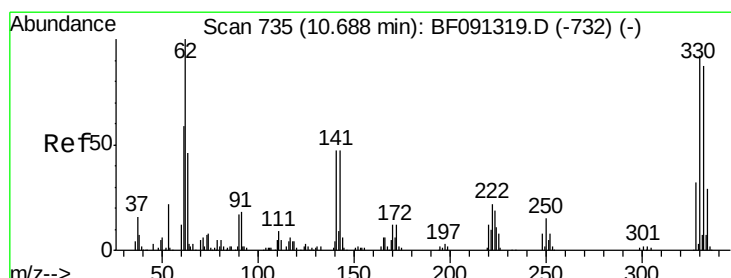
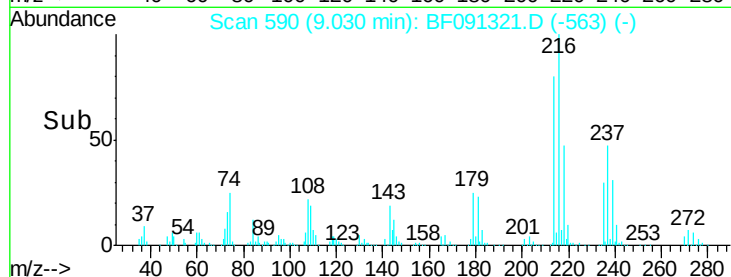
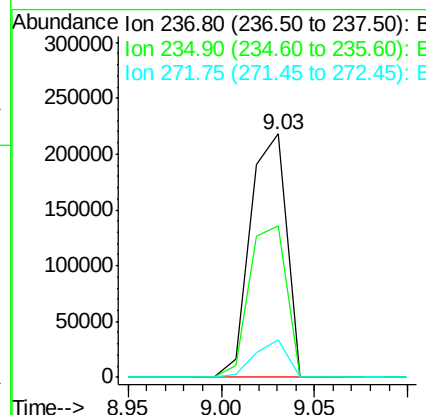
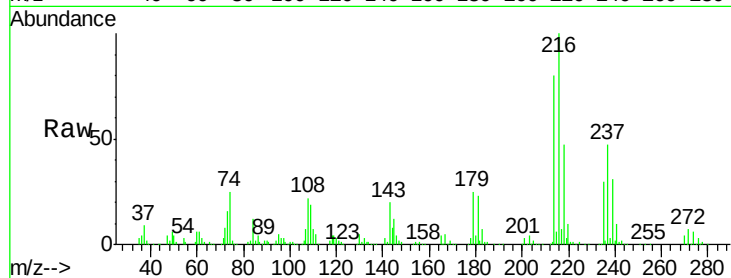
#40
Hexachlorocyclopentadiene
Concen: 60.61 ng
RT: 9.03 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.5	43.9	83.9
272	15.6	0.0	33.1

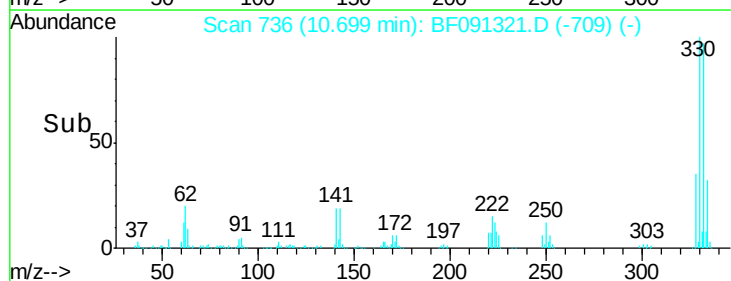
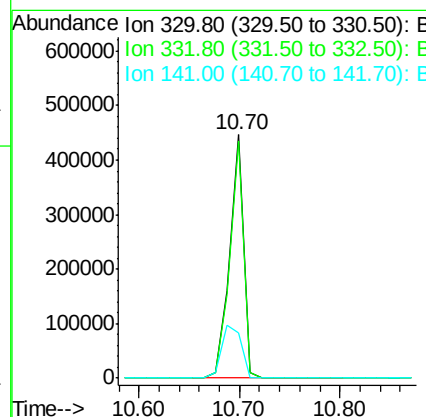
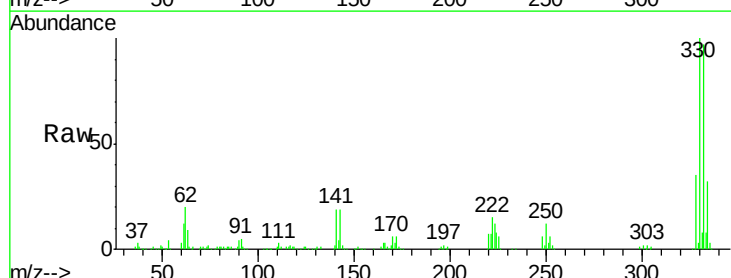
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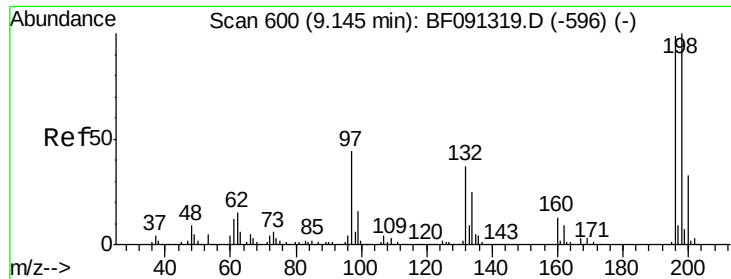
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#41
2,4,6-Tribromophenol
Concen: 108.14 ng
RT: 10.70 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.6	76.2	114.4
141	30.2	33.6	50.4





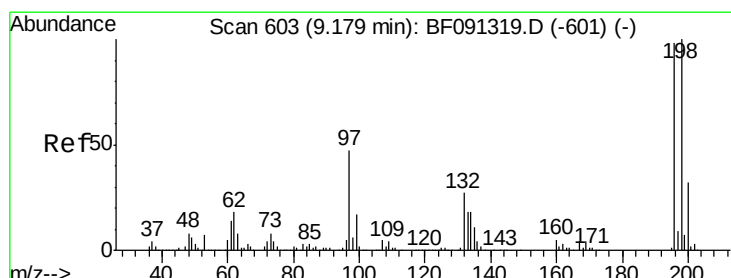
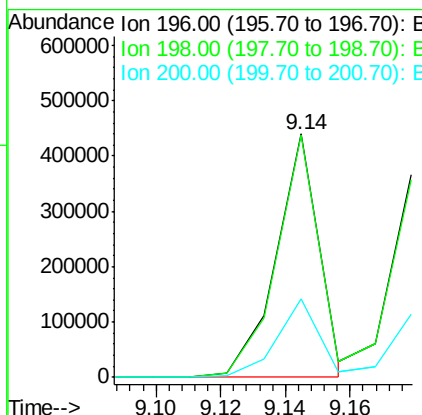
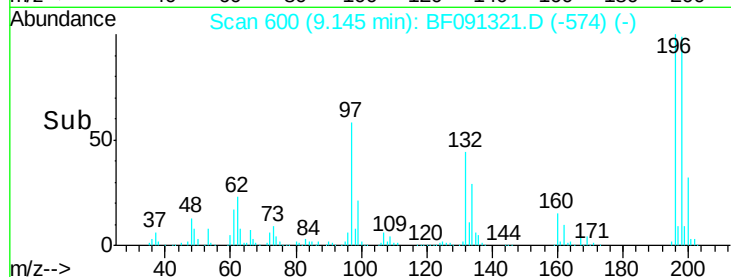
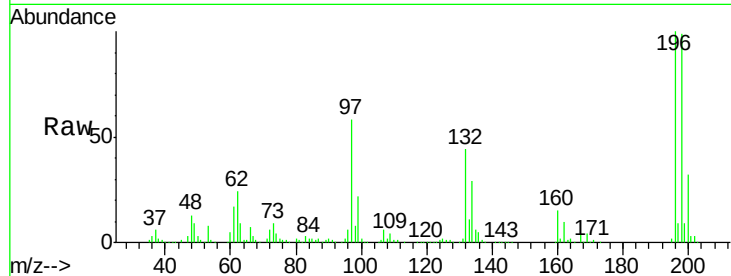
#42
 2,4,6-Trichlorophenol
 Concen: 54.50 ng m
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	404951		
198	99.4	77.4	116.0	
200	32.0	25.2	37.8	

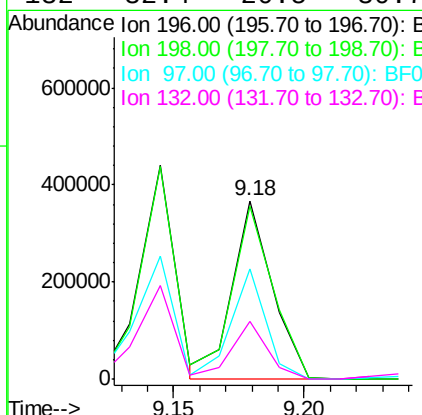
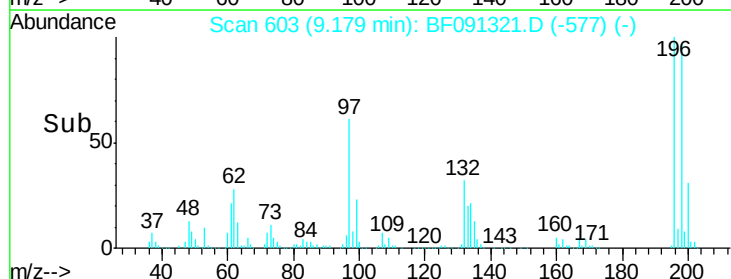
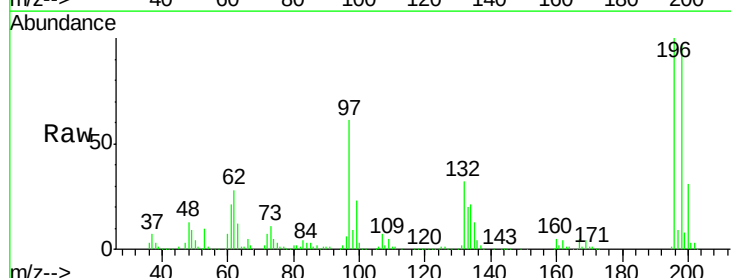
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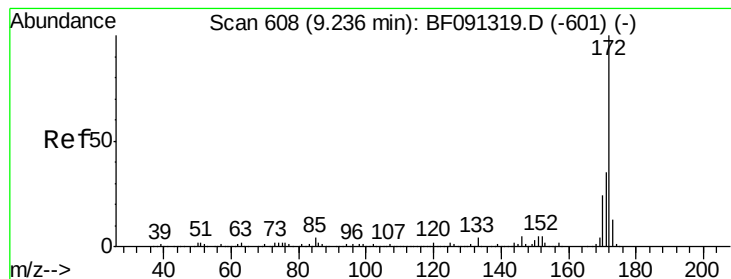
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#43
 2,4,5-Trichlorophenol
 Concen: 54.85 ng m
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	391581		
198	97.2	77.0	115.6	
97	61.5	33.5	50.3#	
132	32.4	20.5	30.7#	





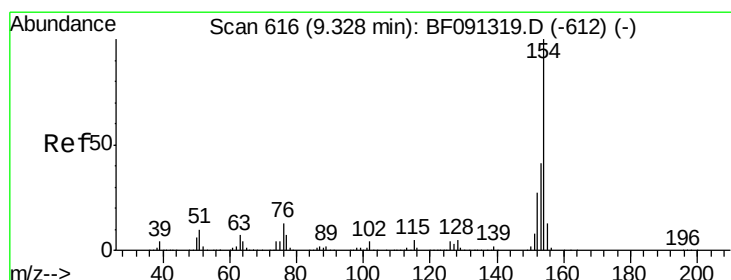
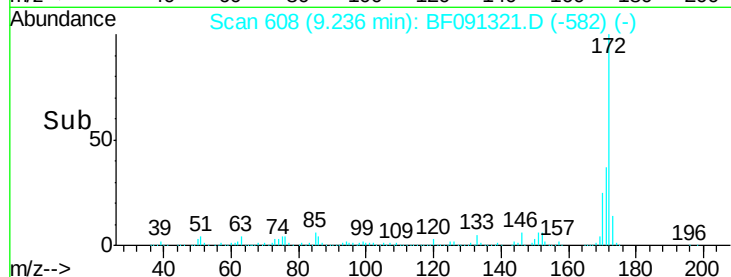
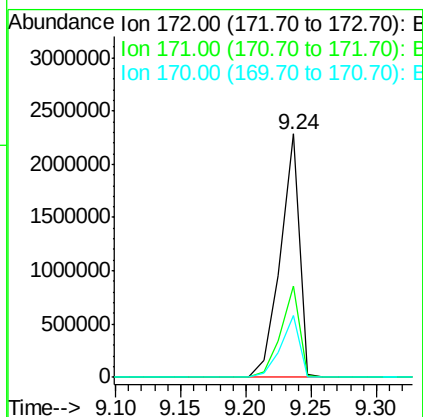
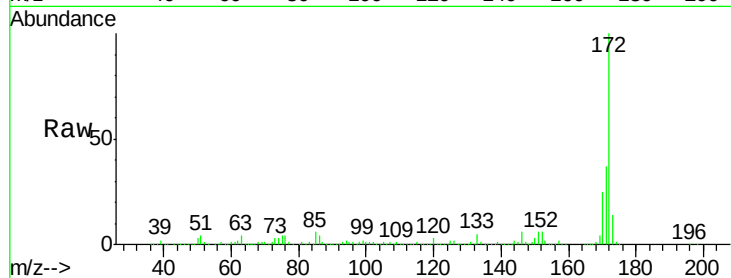
#44
2-Fluorobiphenyl
Concen: 97.13 ng
RT: 9.24 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 2358375
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 25.5 19.7 29.5

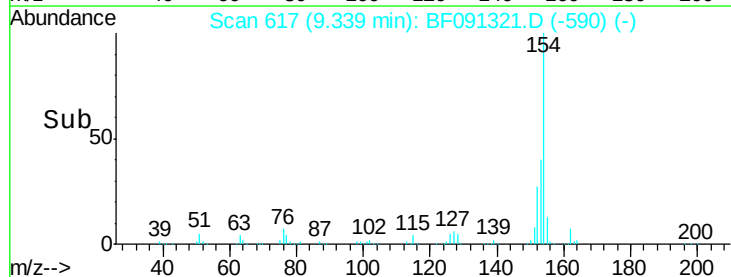
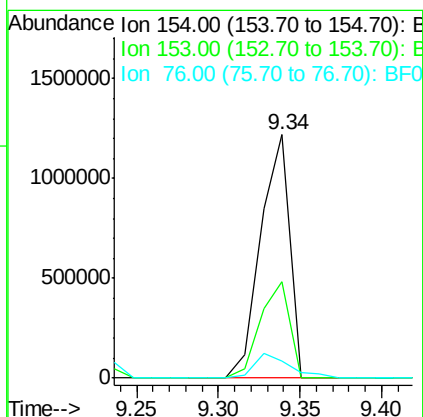
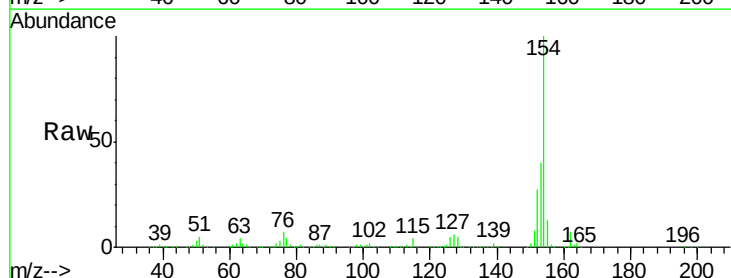
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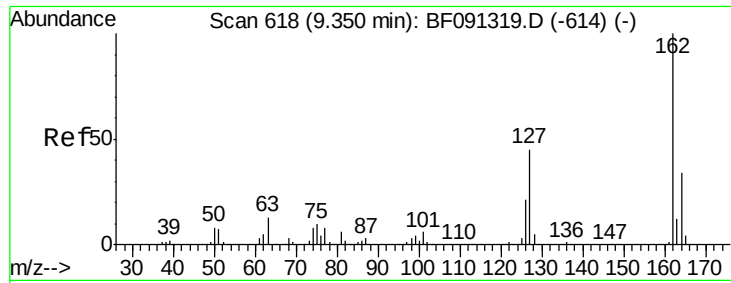
sohil
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#45
1,1'-Biphenyl
Concen: 52.32 ng
RT: 9.34 min Scan# 617
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion:154 Resp: 1499807
Ion Ratio Lower Upper
154 100
153 39.9 20.6 60.6
76 7.1 0.0 36.6





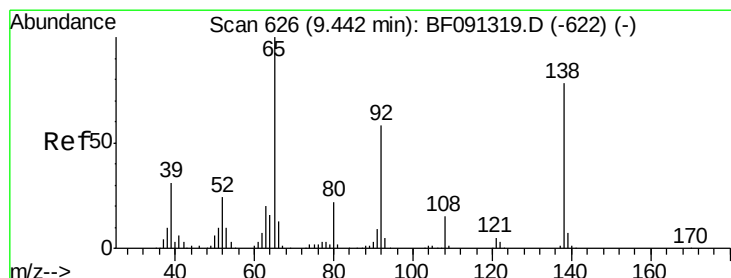
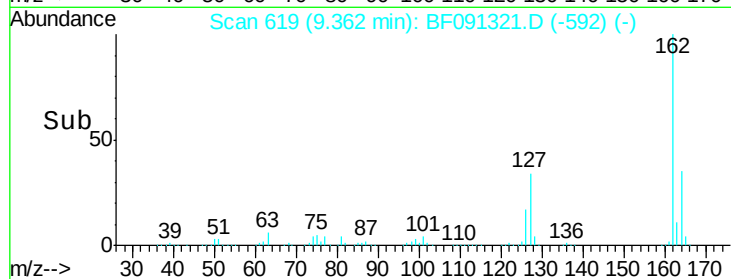
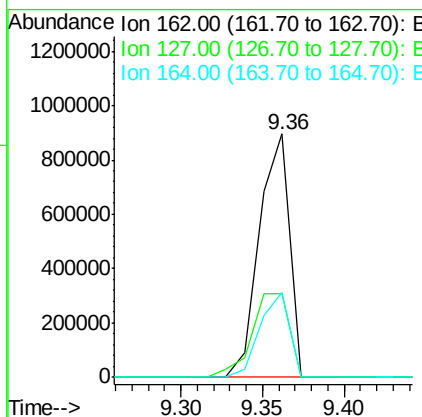
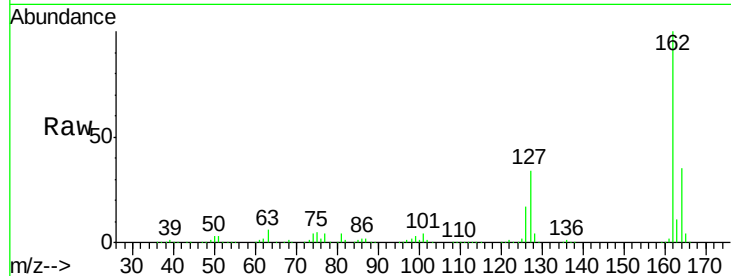
#46
 2-Chloronaphthalene
 Concen: 54.72 ng
 RT: 9.36 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion: 162 Resp: 1148913
 Ion Ratio Lower Upper
 162 100
 127 34.4 34.3 51.5
 164 34.7 26.6 40.0

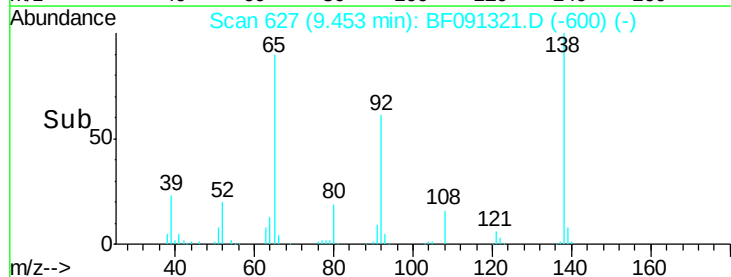
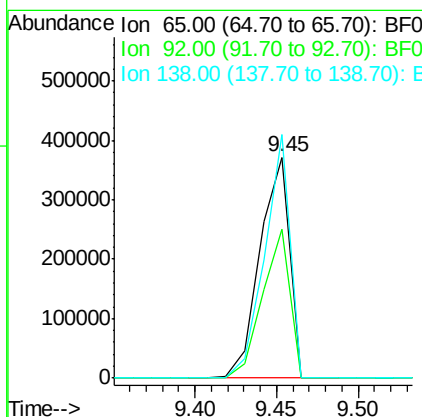
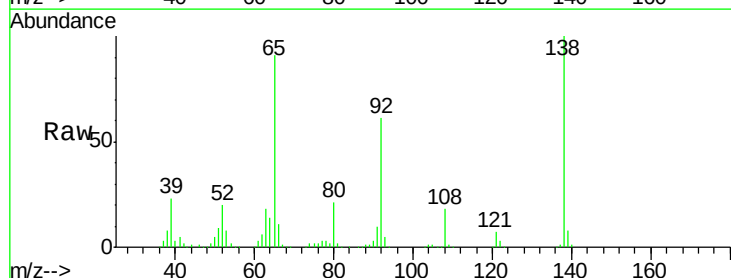
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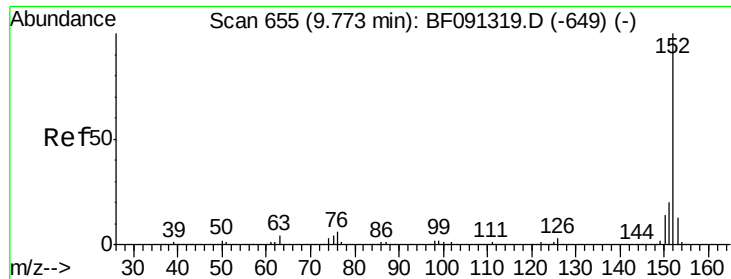
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#47
 2-Nitroaniline
 Concen: 65.71 ng
 RT: 9.45 min Scan# 627
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion: 65 Resp: 468223
 Ion Ratio Lower Upper
 65 100
 92 67.5 53.6 80.4
 138 110.4 91.0 136.6





#48

Acenaphthylene

Concen: 53.30 ng

RT: 9.77 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 1793632

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8

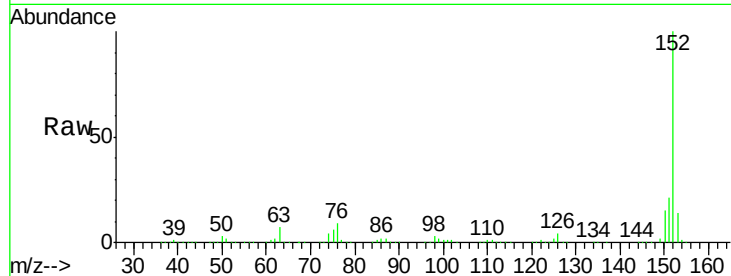
153 14.3 10.7 16.1

Manual Integrations

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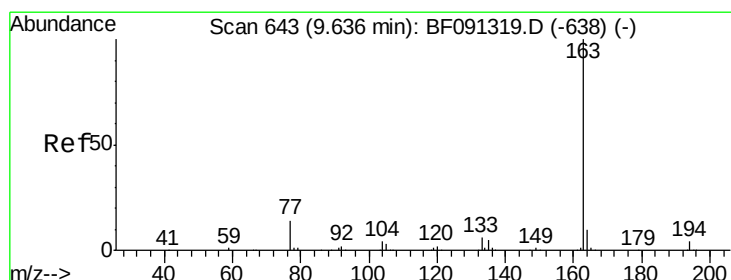
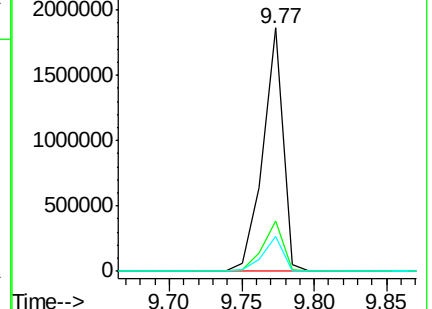
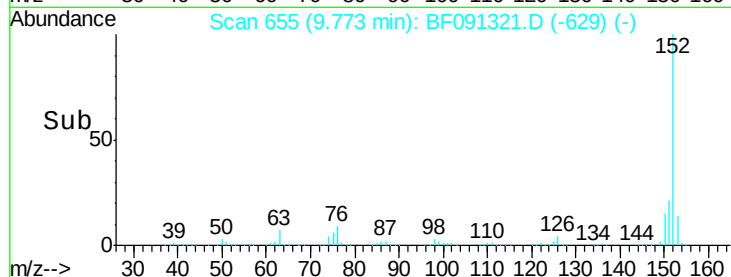
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.59 ng

RT: 9.64 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

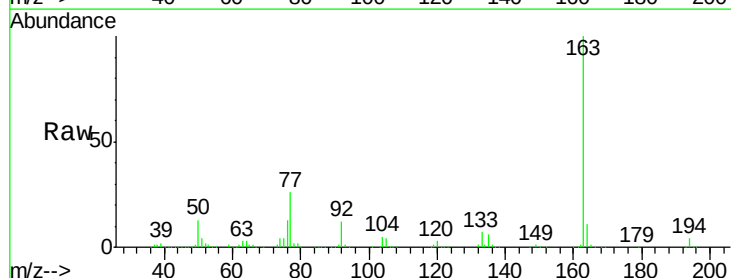
Tgt Ion:163 Resp: 1181306

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

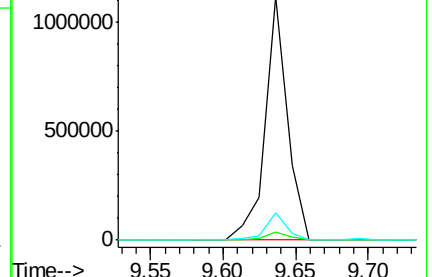
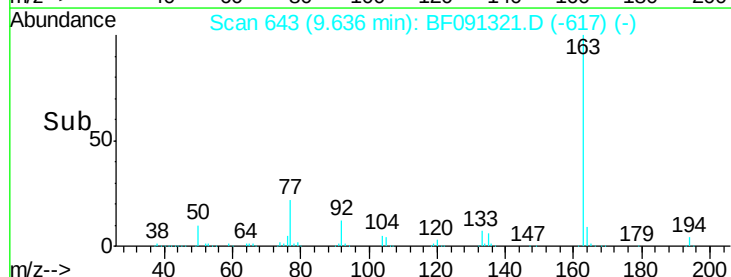
164 11.2 7.8 11.8

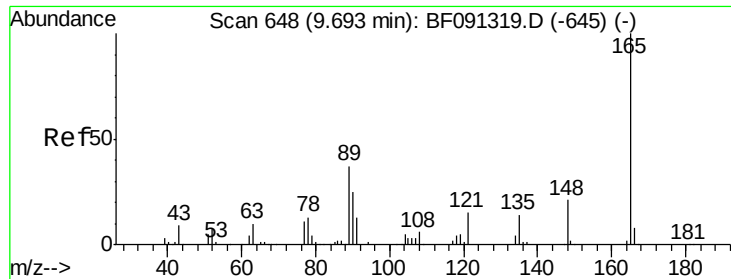


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





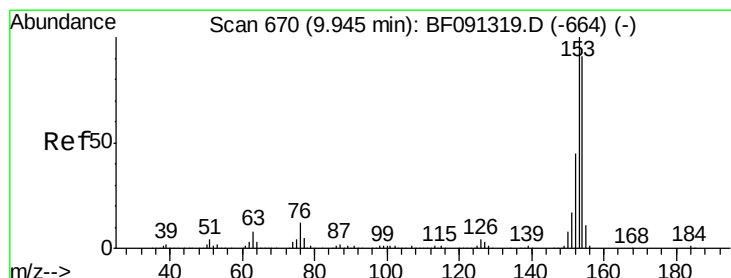
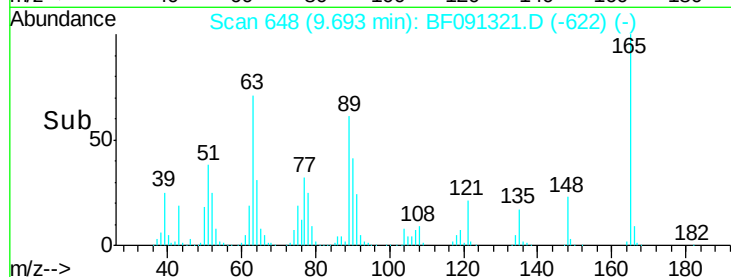
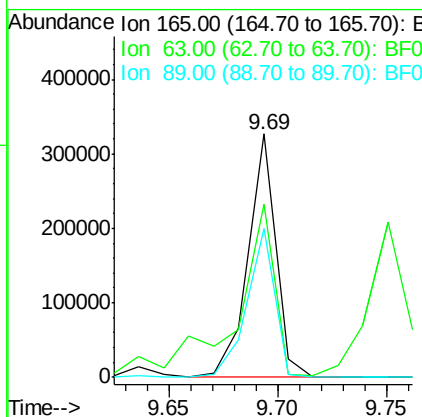
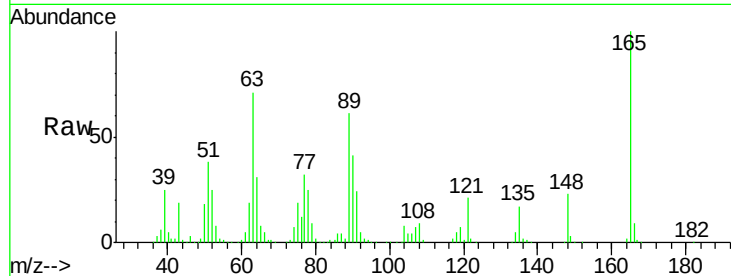
#50
2,6-Dinitrotoluene
Concen: 53.64 ng
RT: 9.69 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	290846		
63	71.1	59.4	89.0	
89	61.2	50.8	76.2	

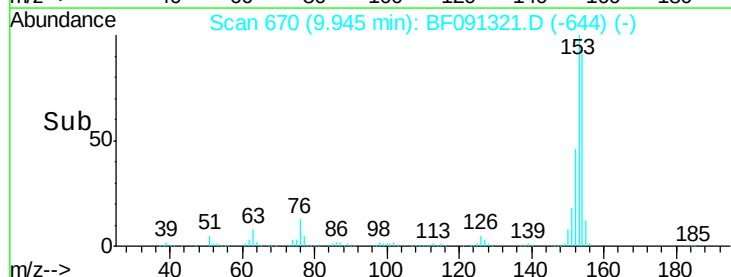
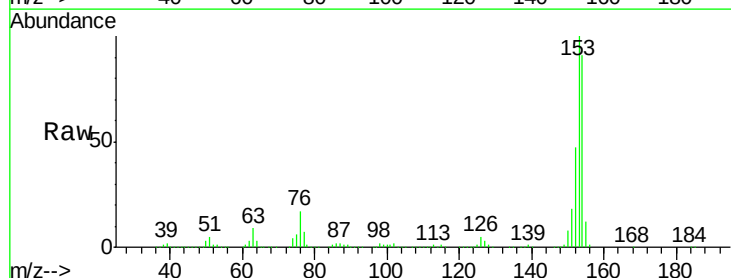
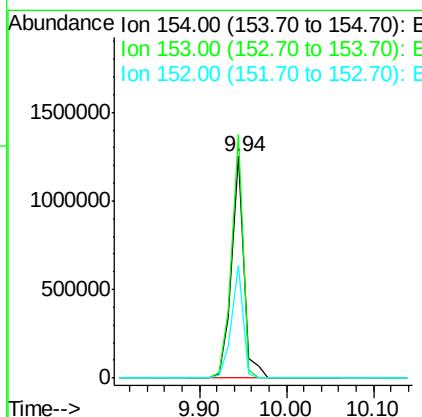
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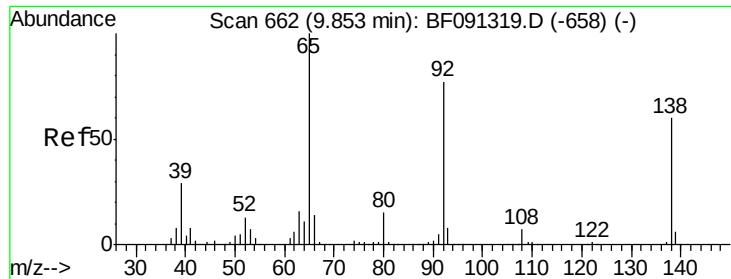
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#51
Acenaphthene
Concen: 53.94 ng
RT: 9.94 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1235415		
153	109.8	91.0	136.6	
152	51.1	44.2	66.2	





#52

3-Nitroaniline

Concen: 64.51 ng

RT: 9.86 min Scan# 663

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

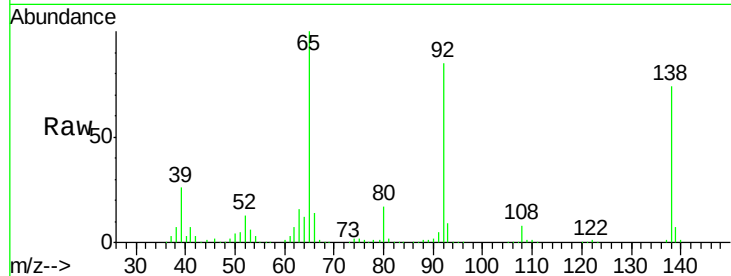
ClientSampleId :

SSTDIC060

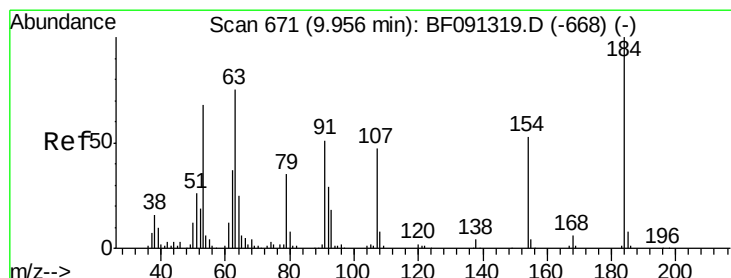
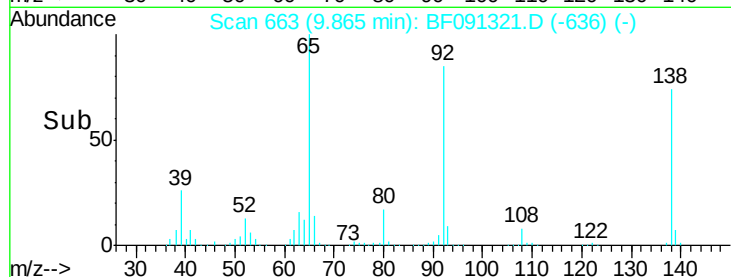
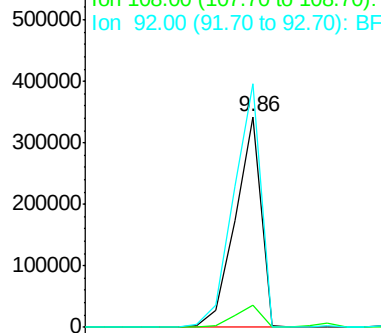
Tgt Ion:	138	Resp:	376112
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.1	12.1
92	115.6	92.5	138.7

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Abundance Ion 138.00 (137.70 to 138.70): E



#53

2,4-Dinitrophenol

Concen: 80.45 ng

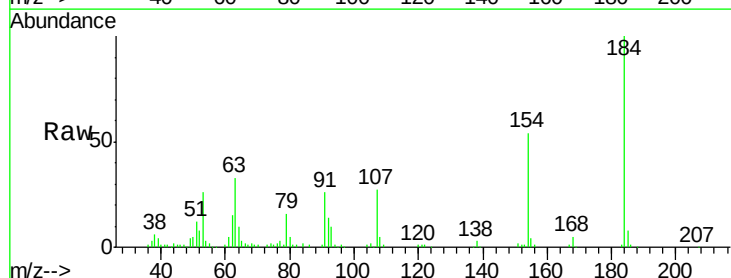
RT: 9.97 min Scan# 672

Delta R.T. 0.01 min

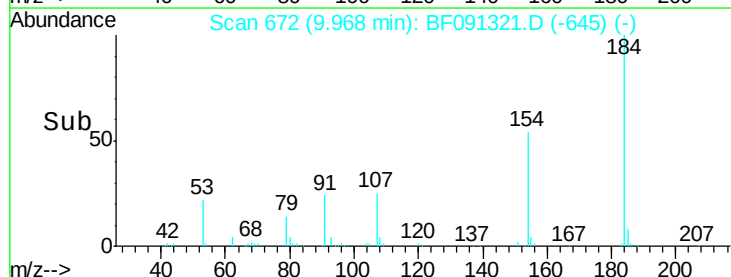
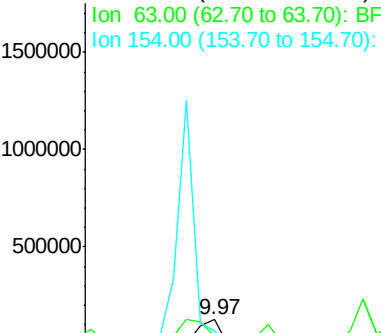
Lab File: BF091321.D

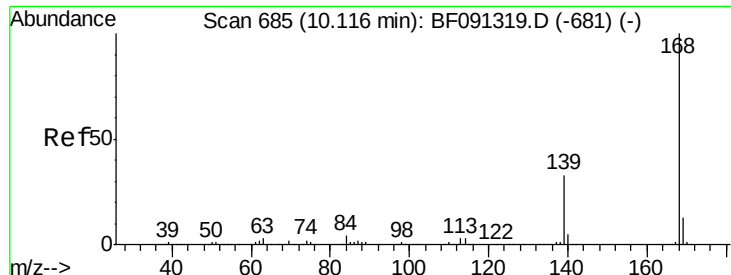
Acq: 29 Nov 2016 12:21

Tgt Ion:	184	Resp:	158247
Ion Ratio	Lower	Upper	
184	100		
63	33.3	58.3	87.5#
154	54.2	48.6	73.0



Abundance Ion 184.00 (183.70 to 184.70): E





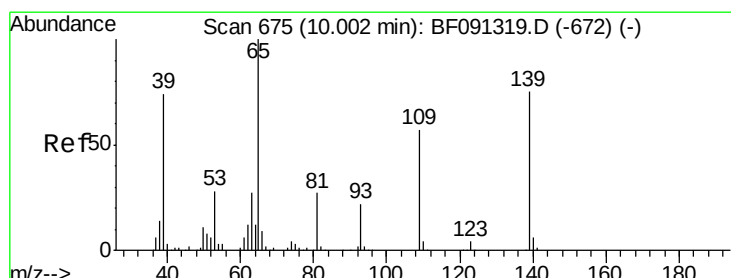
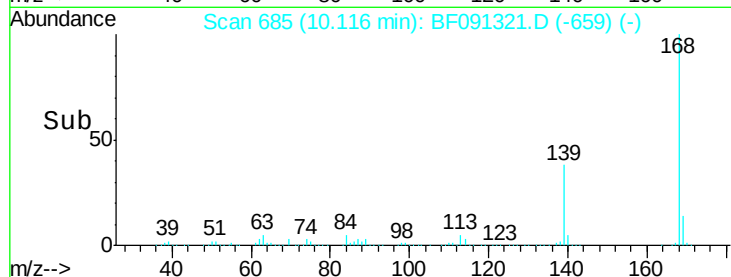
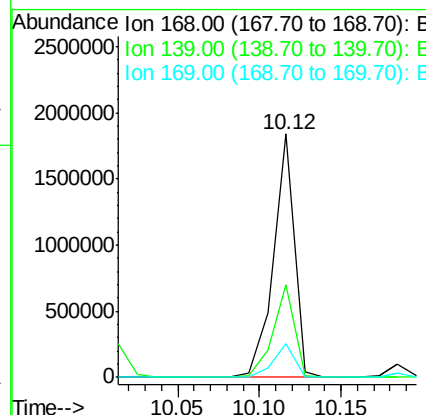
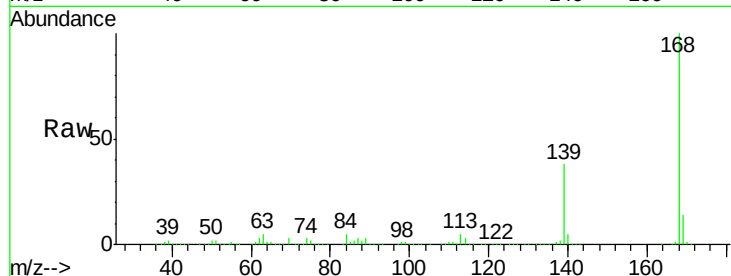
#54
Dibenzofuran
Concen: 51.15 ng
RT: 10.12 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.0	33.4	50.2
169	13.7	11.1	16.7

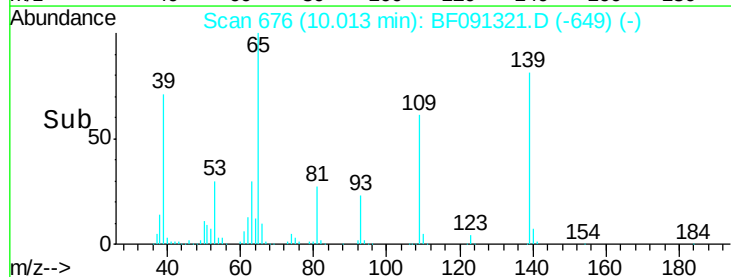
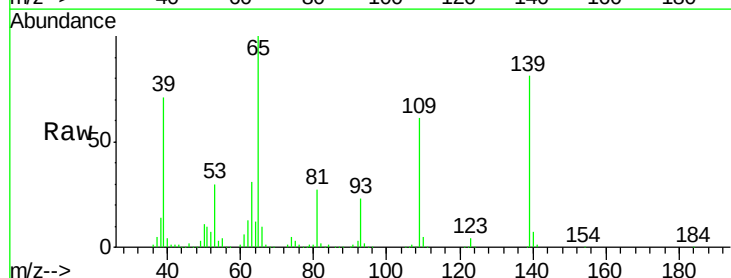
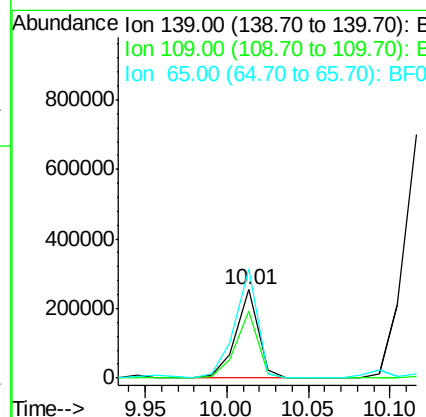
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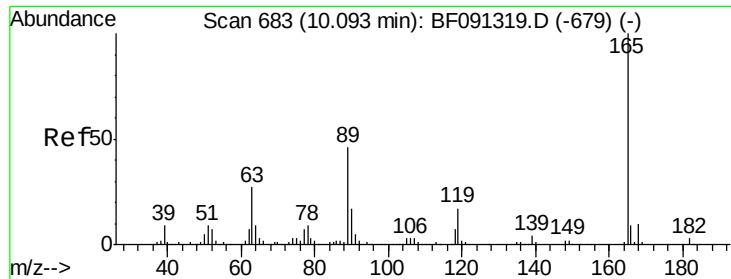
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#55
4-Nitrophenol
Concen: 57.93 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.2	54.9	94.9
65	124.0	102.2	142.2





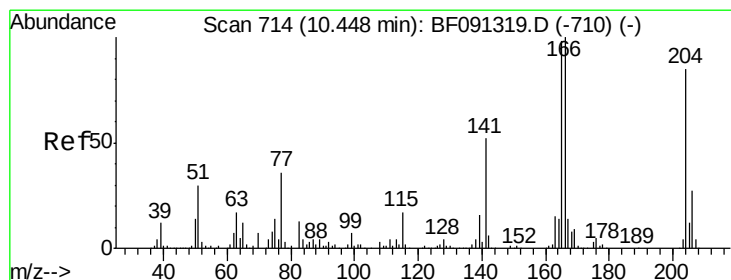
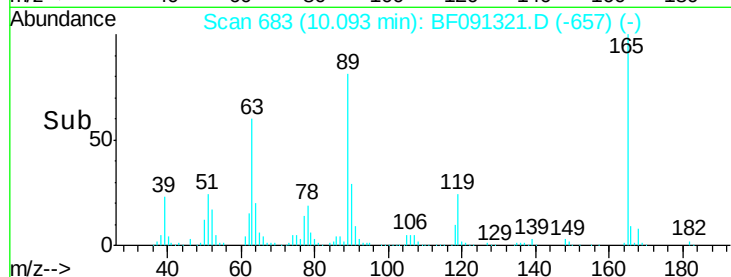
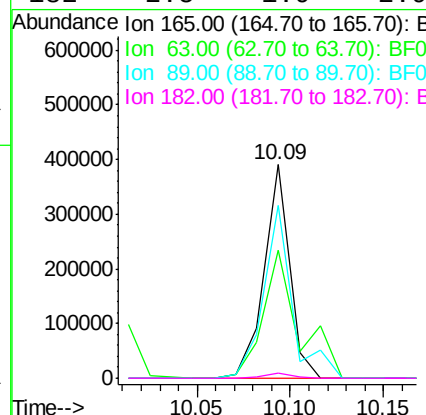
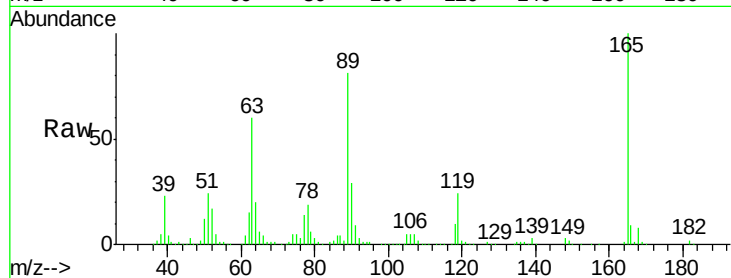
#56
2,4-Dinitrotoluene
Concen: 53.62 ng
RT: 10.09 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	367923		
63	59.8	29.0	43.4#	
89	80.7	43.1	64.7#	
182	2.5	1.9	2.9	

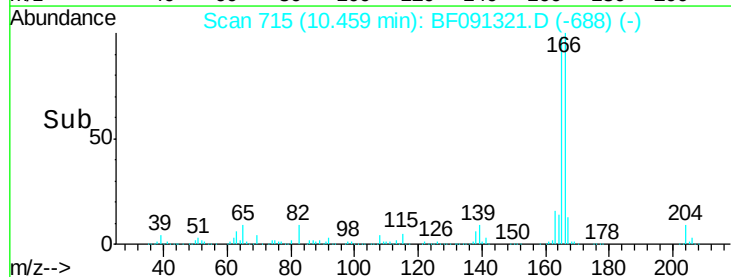
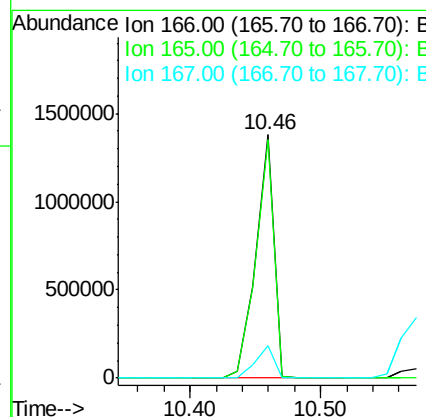
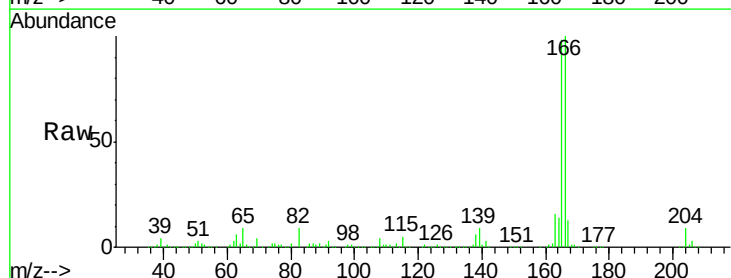
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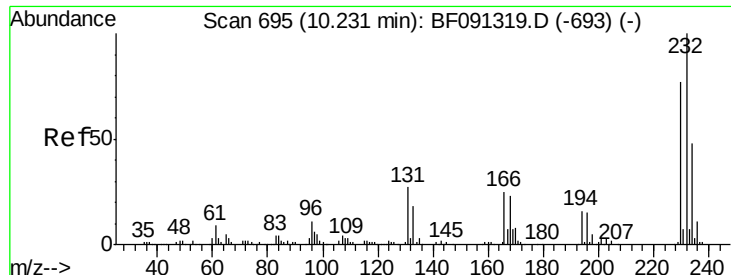
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#57
Fluorene
Concen: 54.33 ng
RT: 10.46 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1339358		
165	97.7	80.0	120.0	
167	13.4	10.8	16.2	





#58

2,3,4,6-Tetrachlorophenol

Concen: 56.03 ng

RT: 10.23 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:232 Resp: 351753
Ion Ratio Lower Upper

232 100

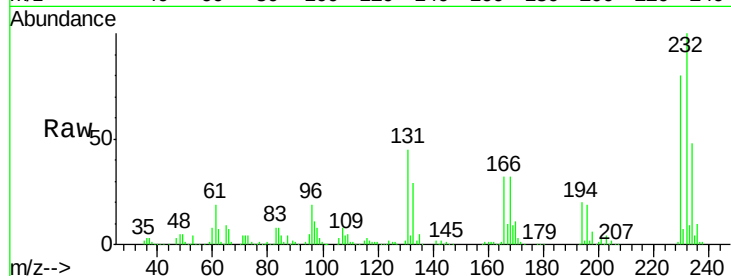
131 47.4 38.4 57.6

130 2.2 1.8 2.8

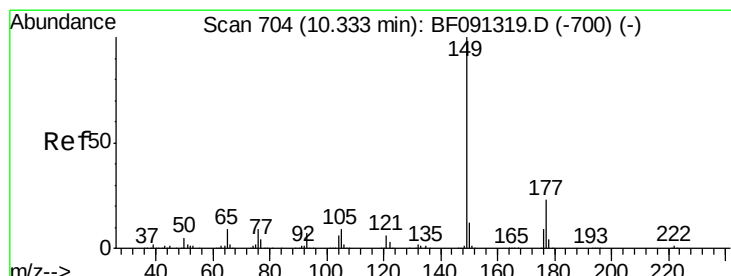
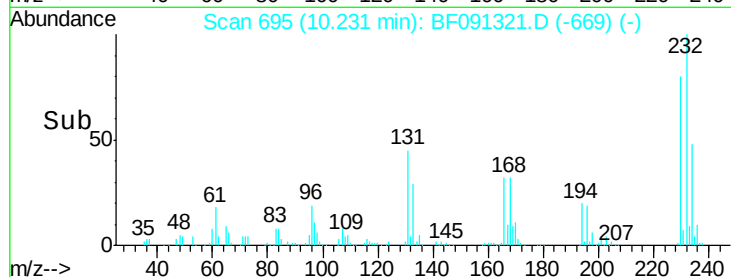
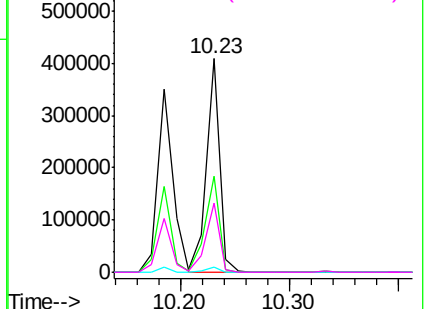
166 33.0 23.9 35.9

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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: 48.69 ng

RT: 10.33 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091321.D

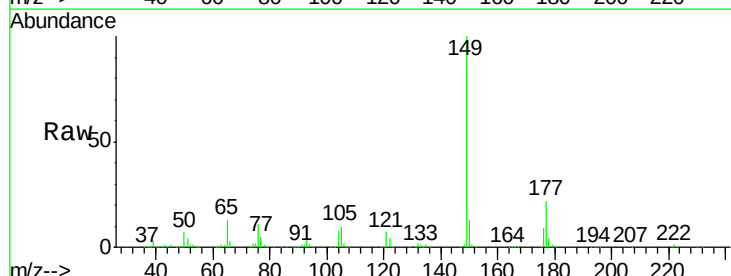
Acq: 29 Nov 2016 12:21

Tgt Ion:149 Resp: 1216228
Ion Ratio Lower Upper

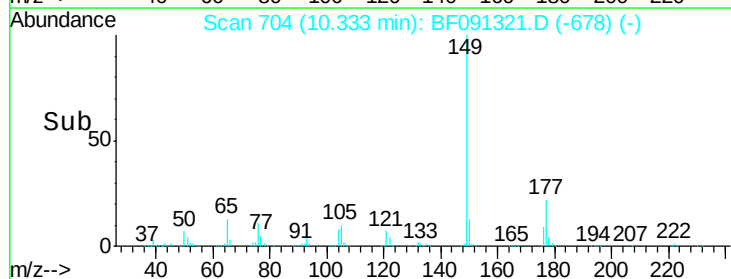
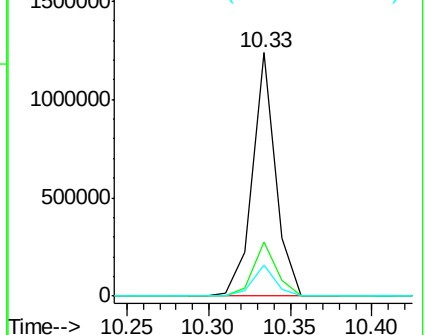
149 100

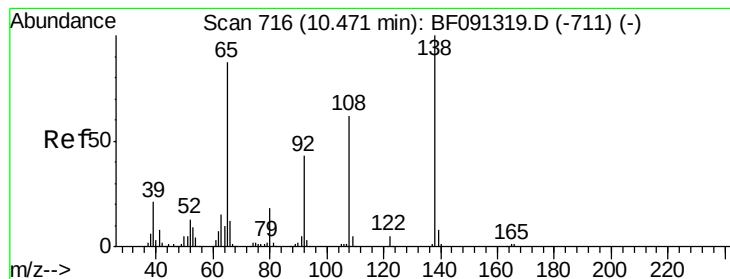
177 22.3 15.7 23.5

150 12.7 10.2 15.2



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





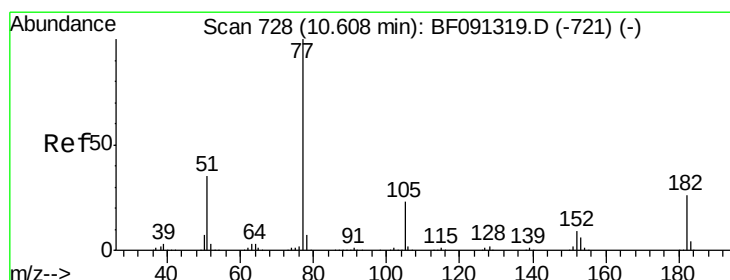
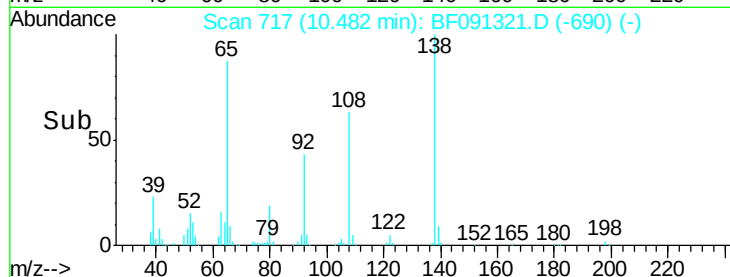
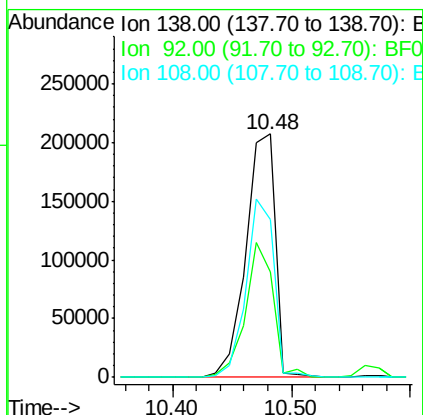
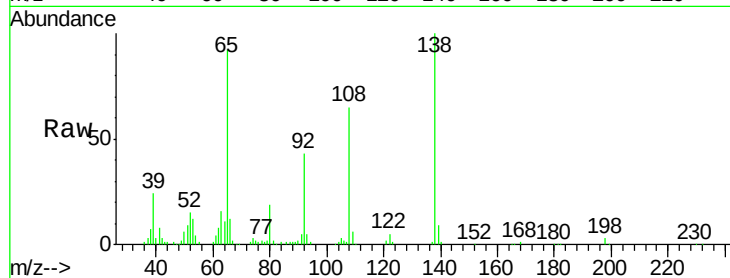
#61
4-Nitroaniline
Concen: 66.16 ng
RT: 10.48 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	359846		
92	43.4	26.9	66.9	
108	64.7	49.1	89.1	

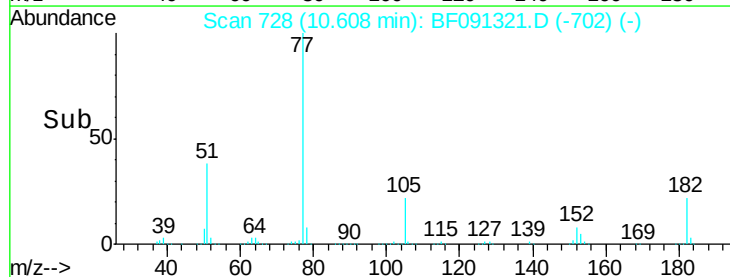
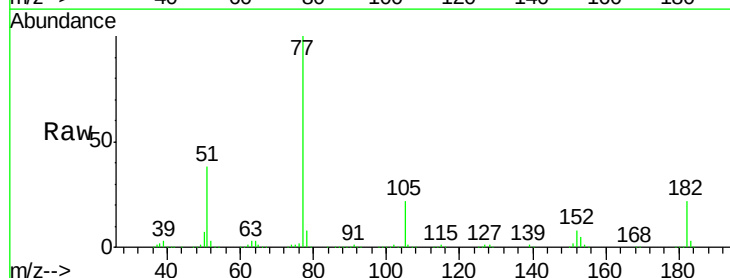
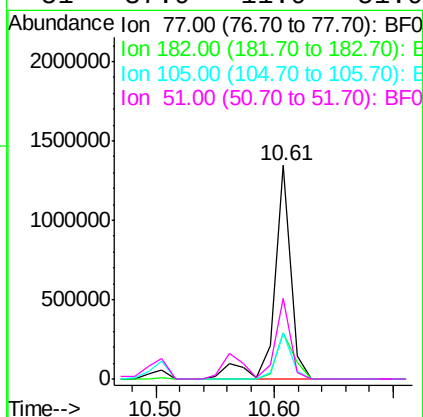
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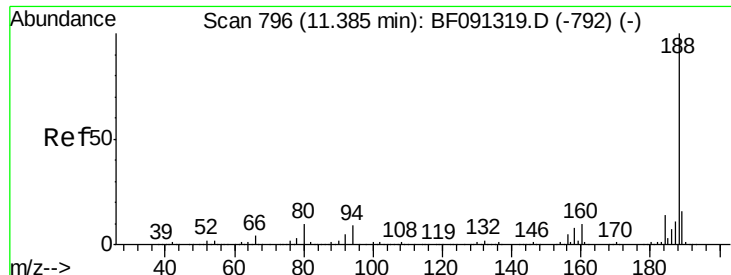
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#62
Azobenzene
Concen: 51.20 ng
RT: 10.61 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1297244		
182	21.6	12.5	52.5	
105	21.7	3.7	43.7	
51	37.9	11.9	51.9	





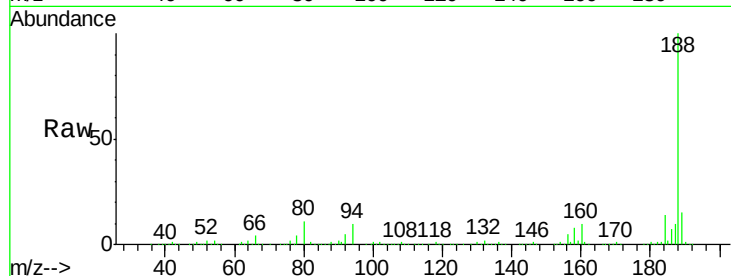
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

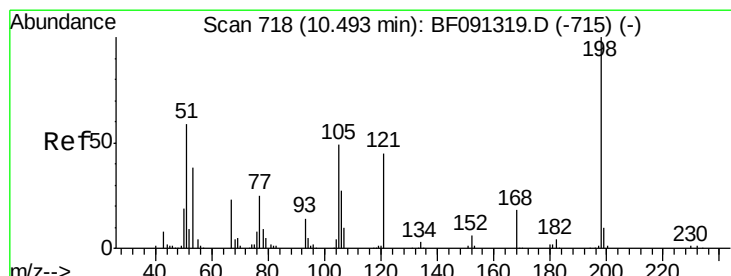
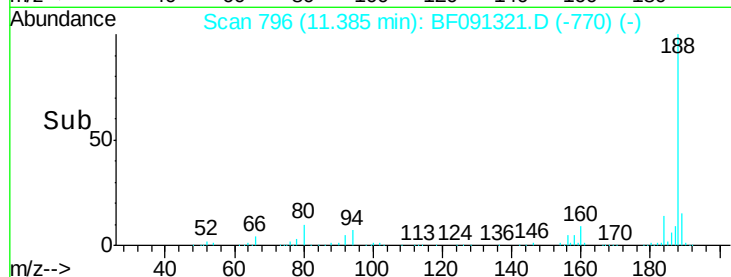
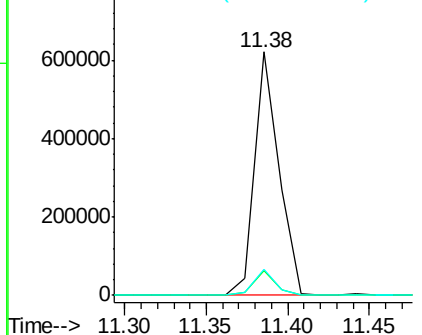
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	9.2	13.8
80	10.7	10.5	15.7

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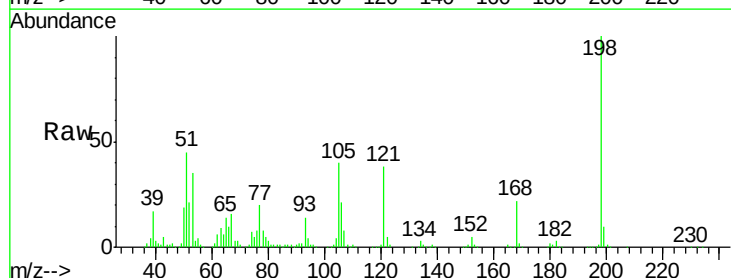


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

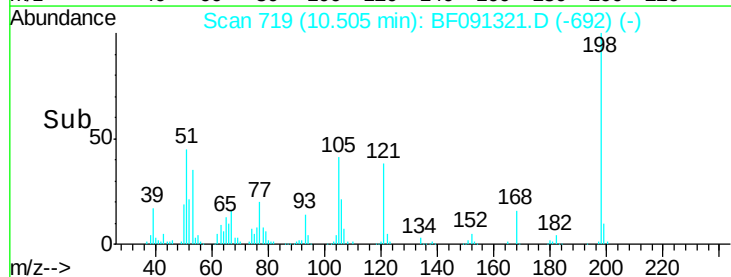
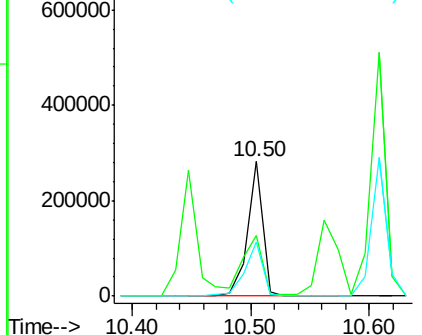


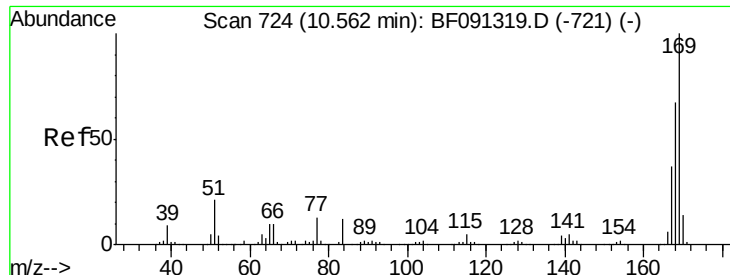
#64
4,6-Dinitro-2-methylphenol
Concen: 86.64 ng
RT: 10.50 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.8	77.1	117.1#
105	40.1	44.8	84.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 58.19 ng

RT: 10.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:169 Resp: 1138289

Ion Ratio Lower Upper

169 100

168 66.8 53.8 80.8

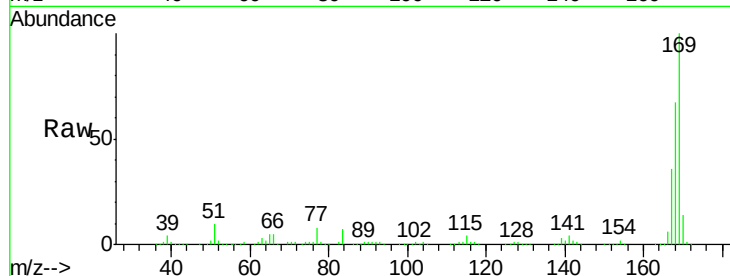
167 36.4 29.8 44.8

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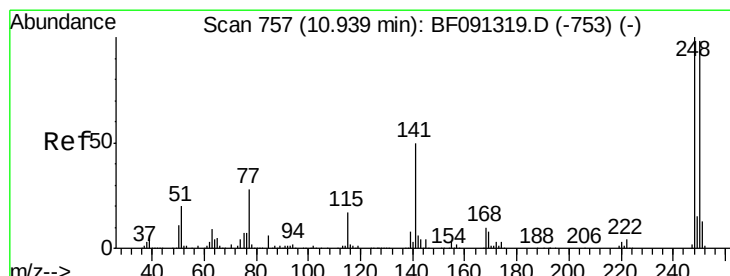
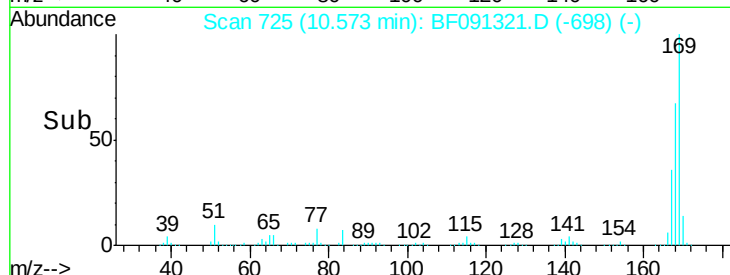
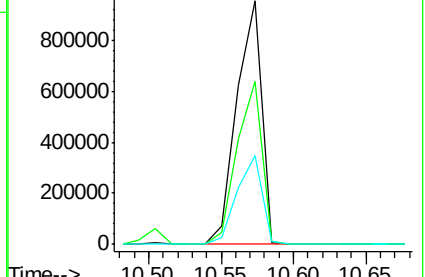
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 56.02 ng

RT: 10.94 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

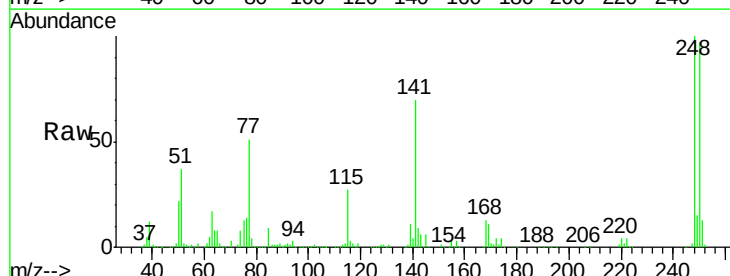
Tgt Ion:248 Resp: 394508

Ion Ratio Lower Upper

248 100

250 97.0 78.2 117.4

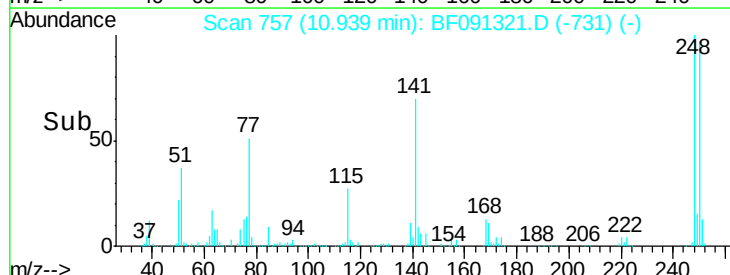
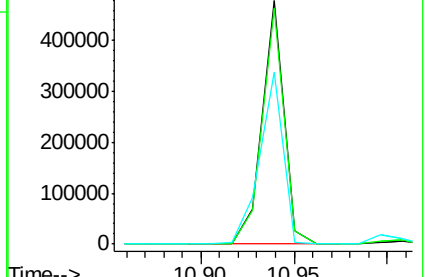
141 70.4 71.9 107.9#

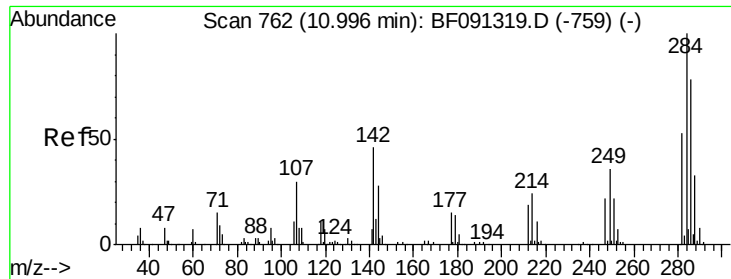


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 56.50 ng

RT: 11.01 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

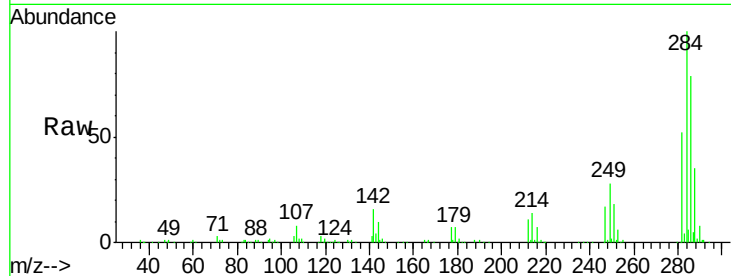
ClientSampleId :

SSTDIC060

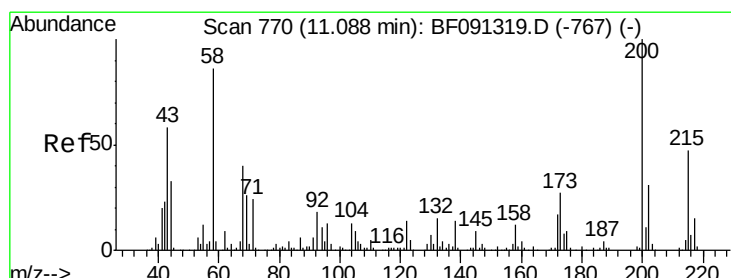
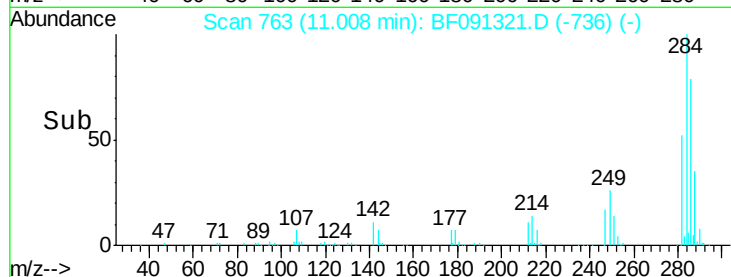
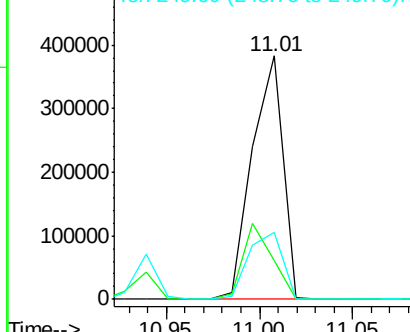
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	436182		
142	16.0	17.9	26.9#	
249	27.6	23.6	35.4	

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



#68

Atrazine

Concen: 73.92 ng

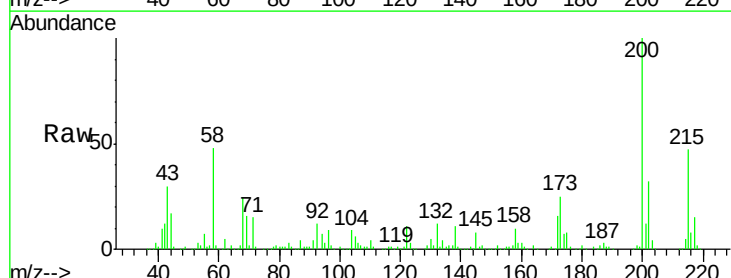
RT: 11.10 min Scan# 771

Delta R.T. 0.01 min

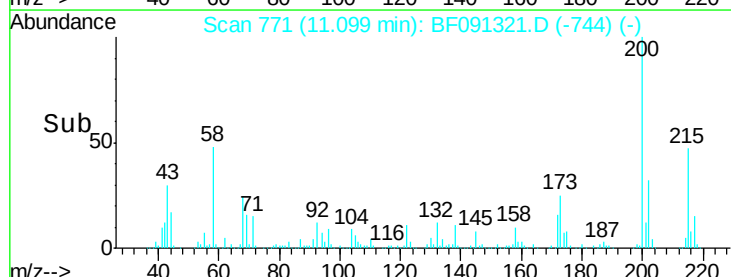
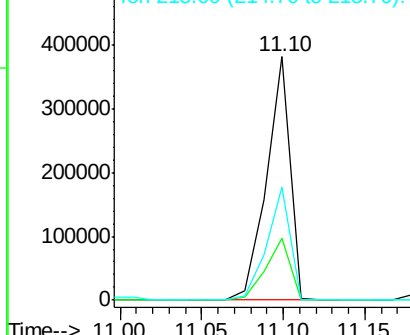
Lab File: BF091321.D

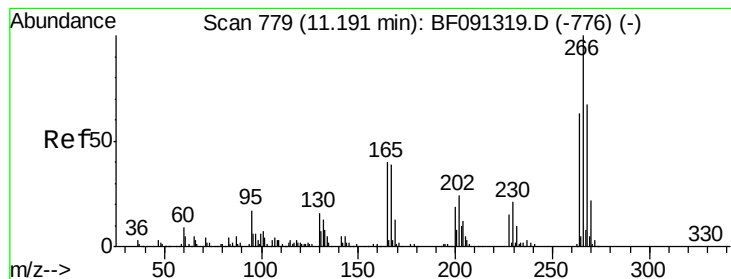
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	381658		
173	25.4	7.8	47.8	
215	46.6	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: 57.53 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

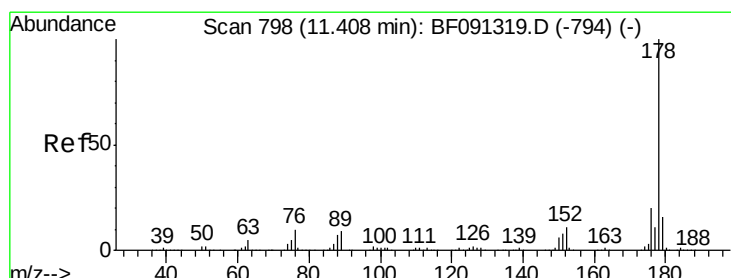
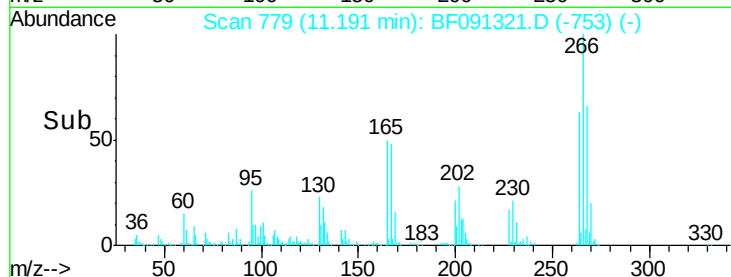
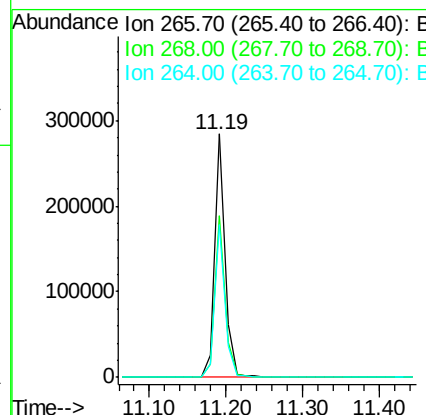
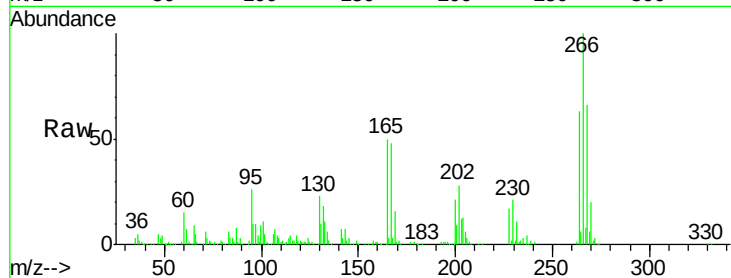
ClientSampleId :

SSTDIC060

Tgt Ion:	266	Resp:	262757
Ion Ratio		Lower	Upper
266	100		
268	66.4	50.3	75.5
264	62.8	48.2	72.2

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#70

Phenanthrene

Concen: 59.17 ng

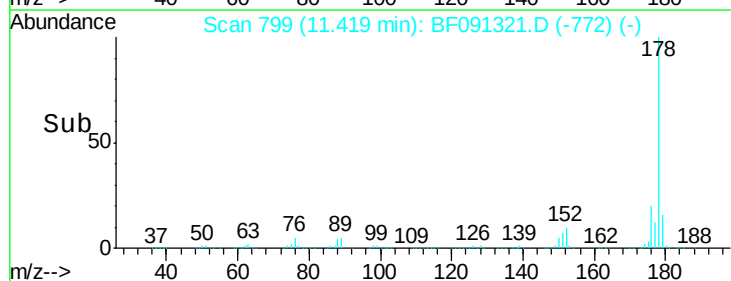
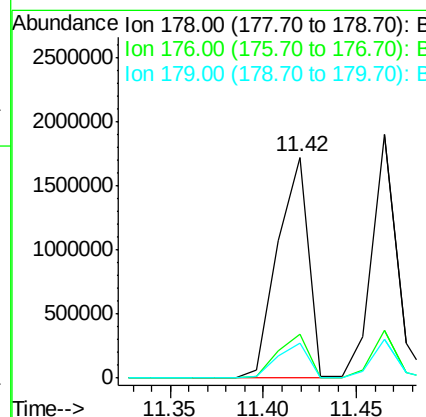
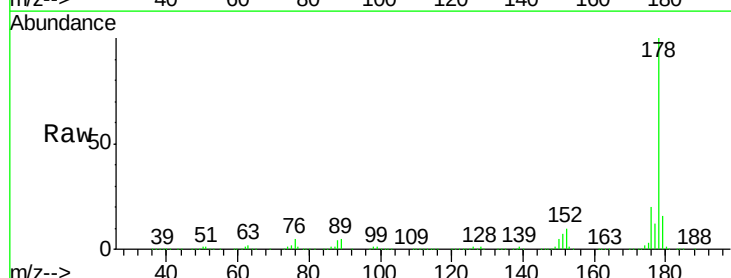
RT: 11.42 min Scan# 799

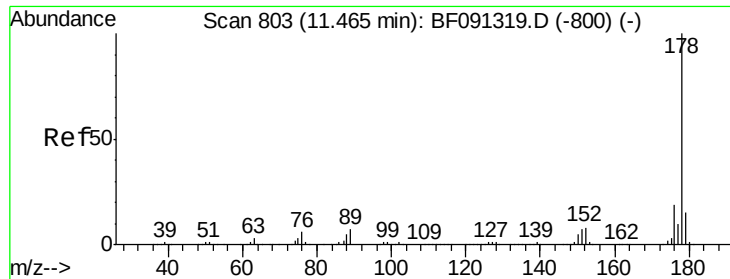
Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Tgt Ion:	178	Resp:	1977491
Ion Ratio		Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.6	12.6	18.8





#71

Anthracene

Concen: 50.32 ng

RT: 11.46 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:178 Resp: 1719745

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

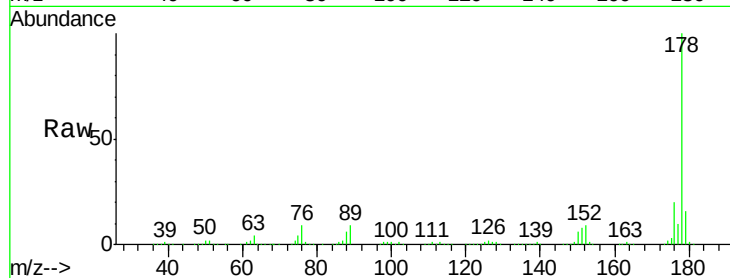
179 16.0 12.7 19.1

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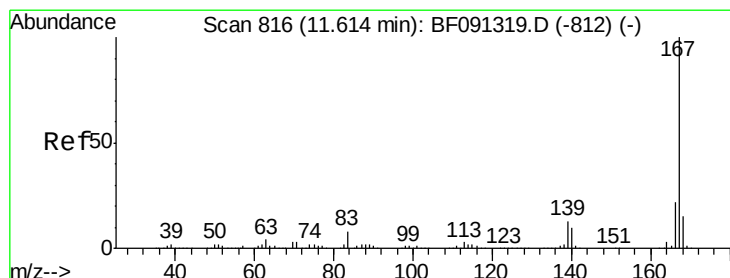
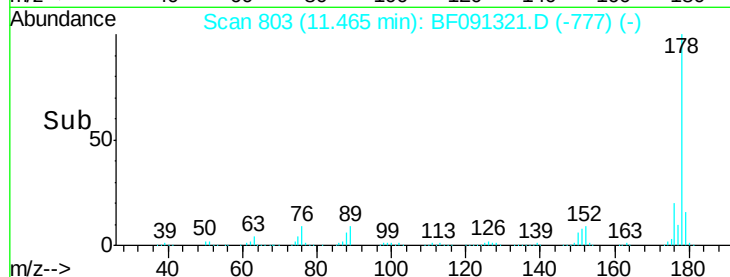
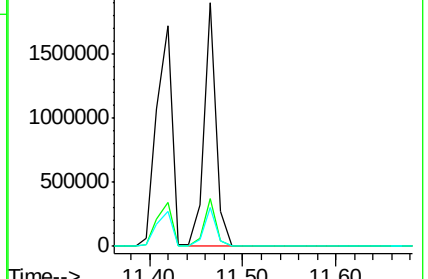
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 56.10 ng

RT: 11.61 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

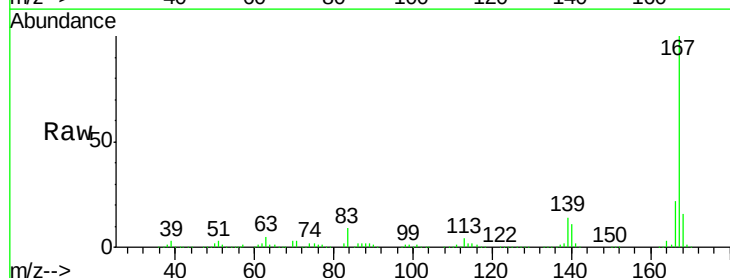
Tgt Ion:167 Resp: 1706075

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

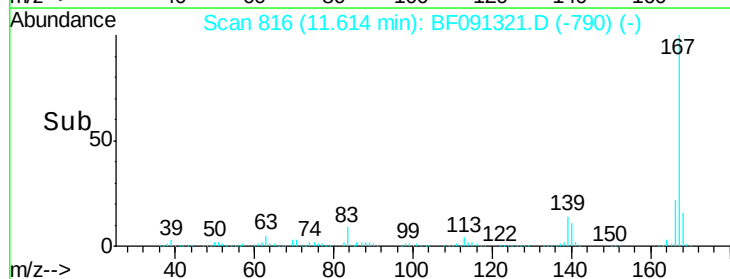
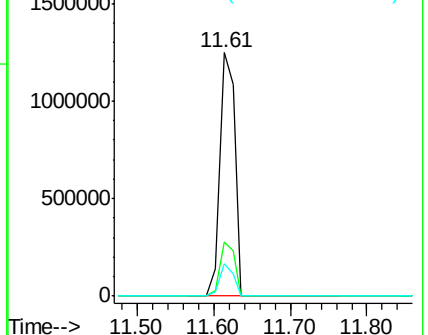
139 13.5 11.5 17.3

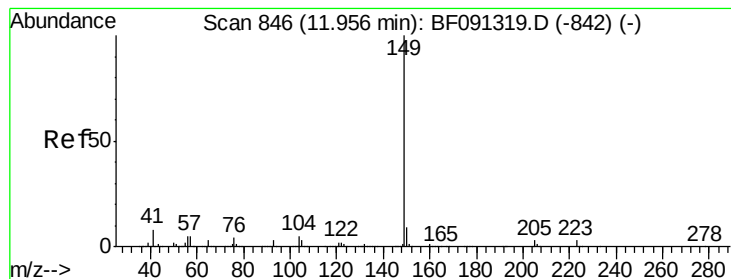


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.50 ng

RT: 11.96 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:149 Resp: 1884268

Ion Ratio Lower Upper

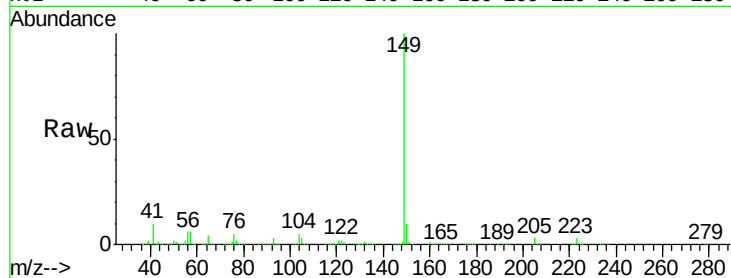
149 100

150 9.7 7.5 11.3

104 5.4 4.0 6.0

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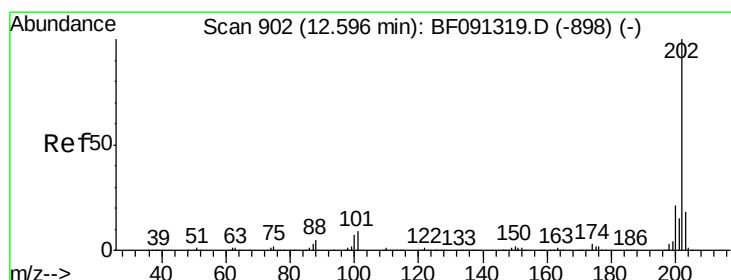
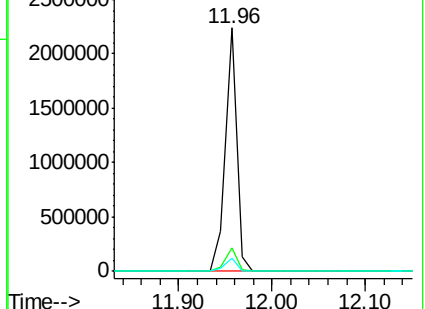
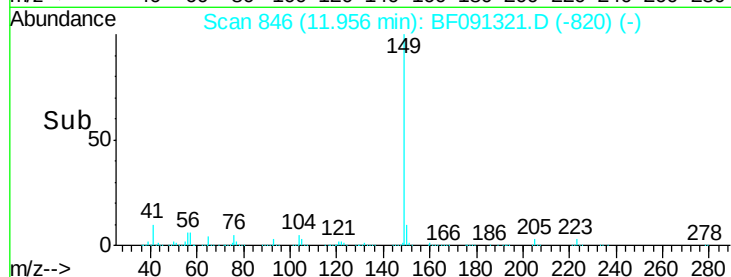
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.72 ng

RT: 12.60 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

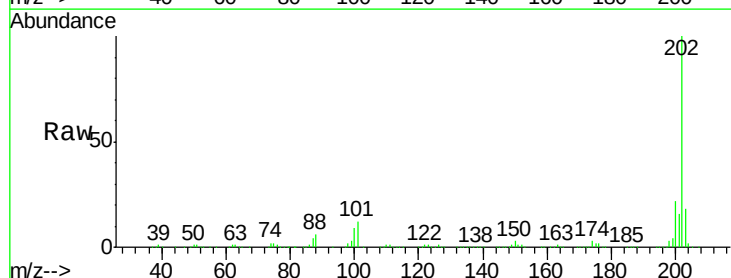
Tgt Ion:202 Resp: 1758277

Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.5

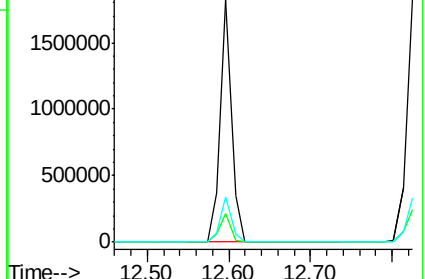
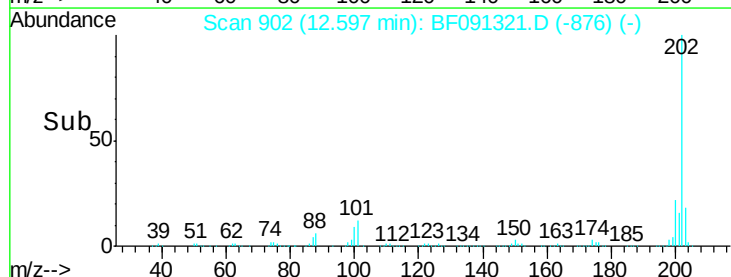
203 18.5 0.0 37.8

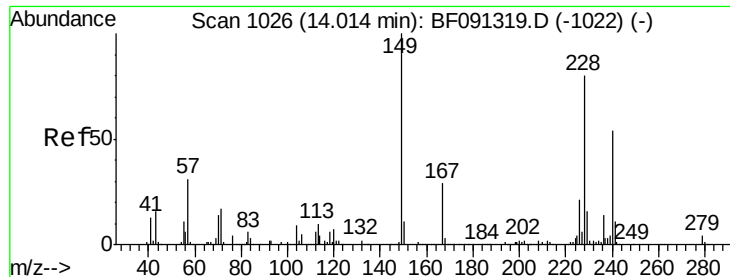


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

Instrument :

BNA_F

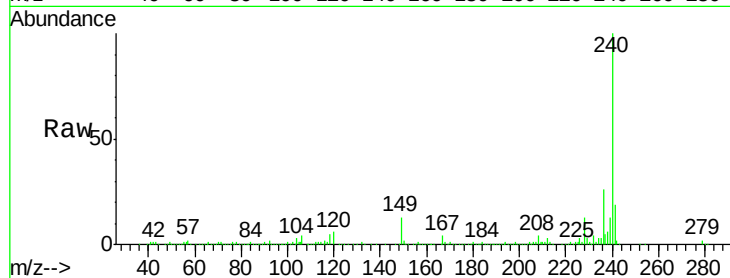
ClientSampleId :

SSTDIC060

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	447688		
120	6.2	12.1	18.1	#
236	25.8	21.0	31.6	

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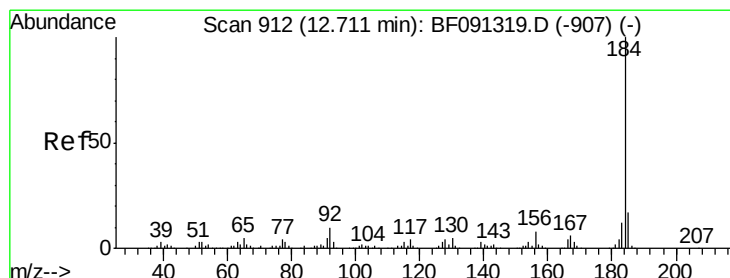
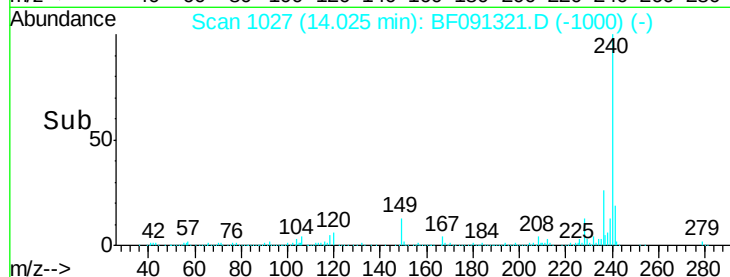
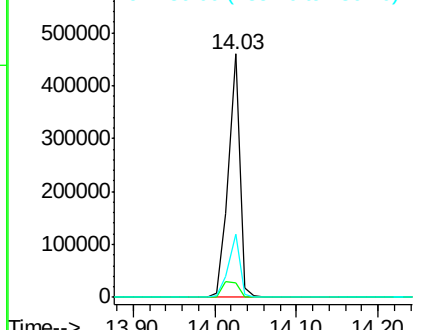
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 94.90 ng

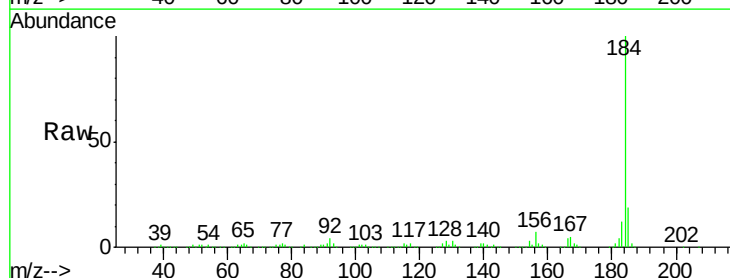
RT: 12.72 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF091321.D

Acq: 29 Nov 2016 12:21

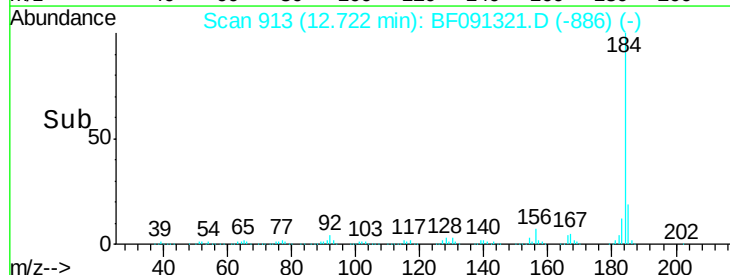
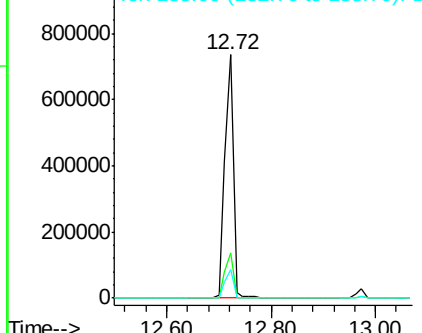
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	823361		
185	18.5	13.1	19.7	
183	11.8	8.9	13.3	

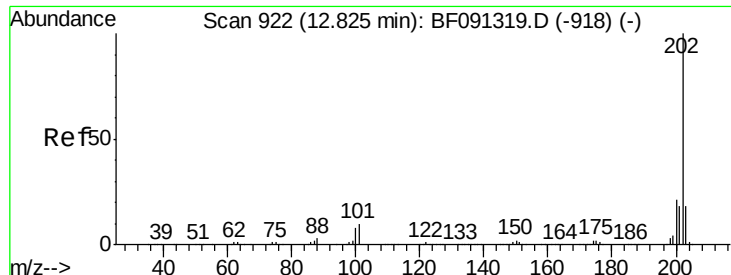


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





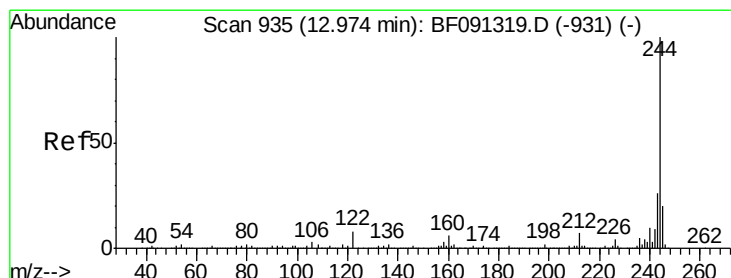
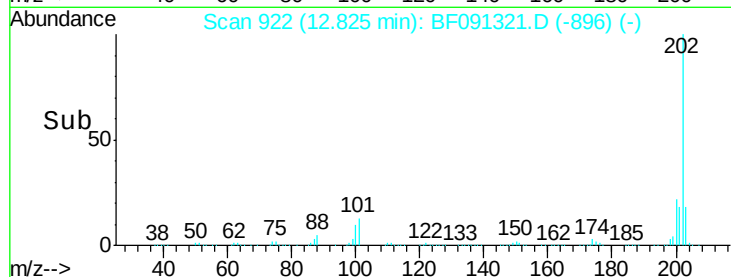
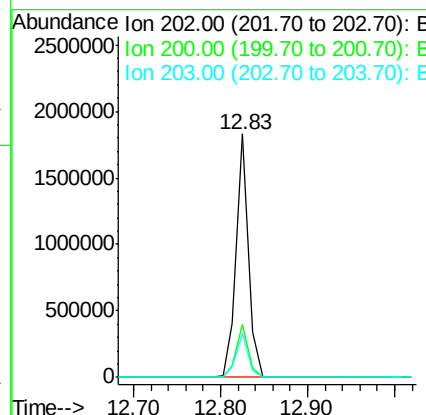
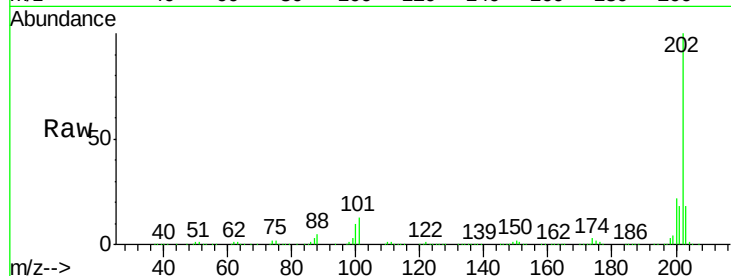
#77
 Pyrene
 Concen: 53.97 ng
 RT: 12.83 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.1	14.0	21.0

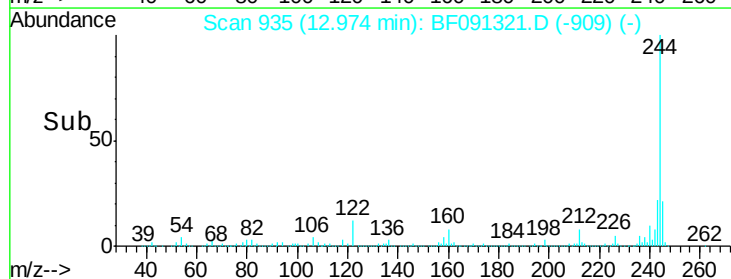
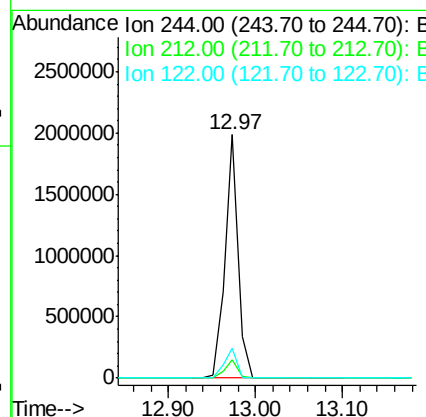
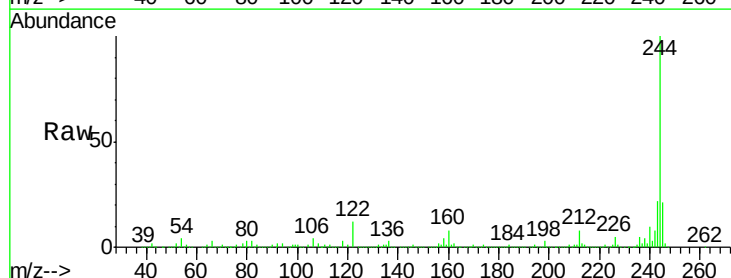
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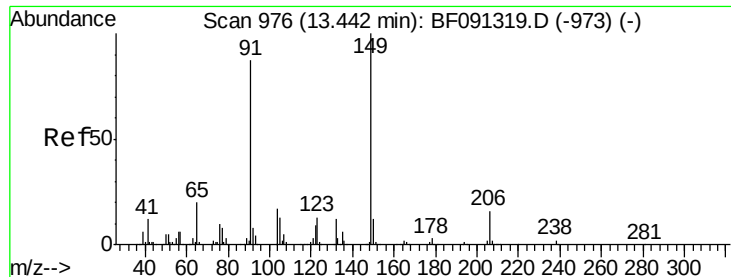
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#78
 Terphenyl-d14
 Concen: 107.37 ng
 RT: 12.97 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	12.1	9.5	14.3





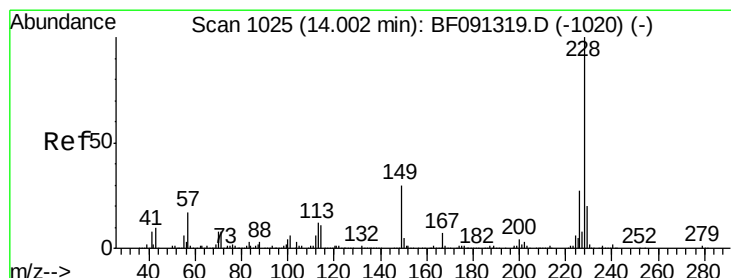
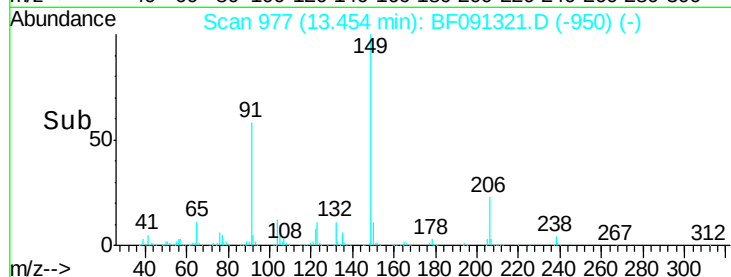
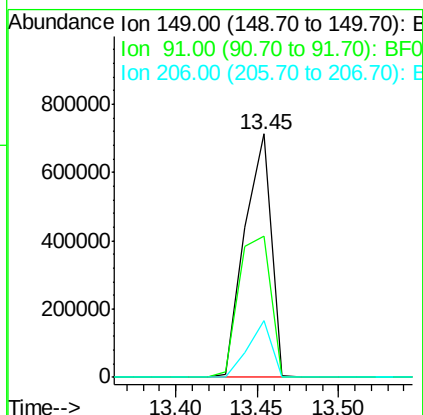
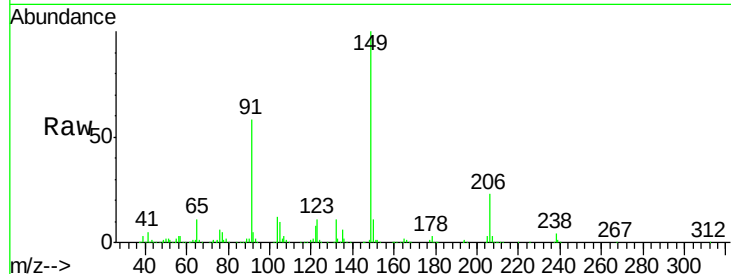
#79
Butylbenzylphthalate
Concen: 60.57 ng
RT: 13.45 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
149	100		
91	58.0	57.4	86.2
206	23.2	15.4	23.2

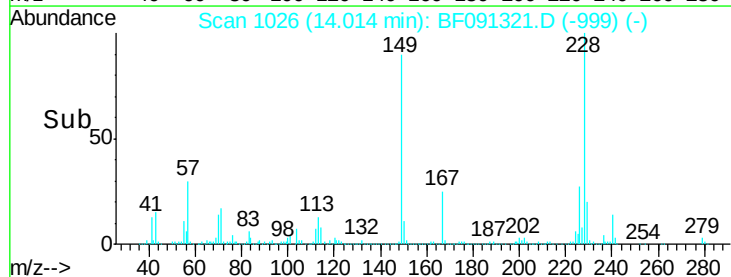
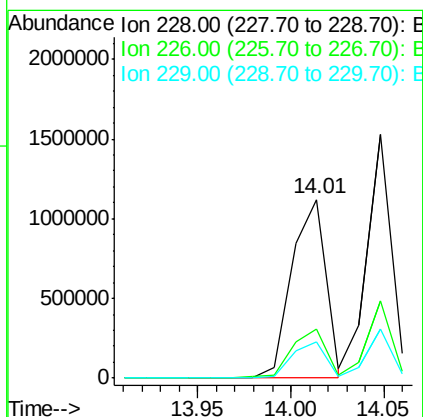
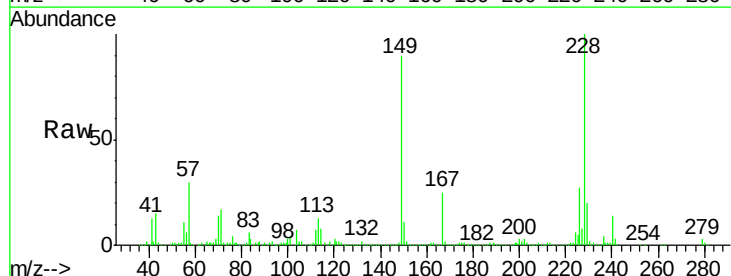
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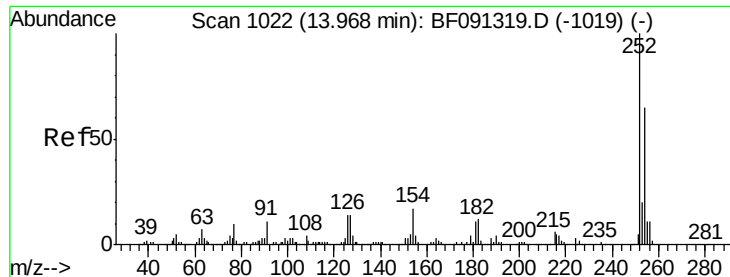
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#80
Benzo(a)anthracene
Concen: 56.76 ng
RT: 14.01 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	20.1	16.4	24.6





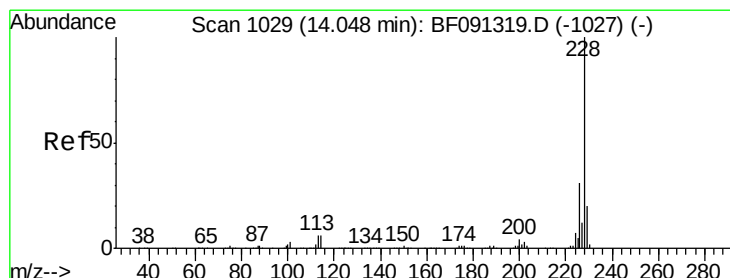
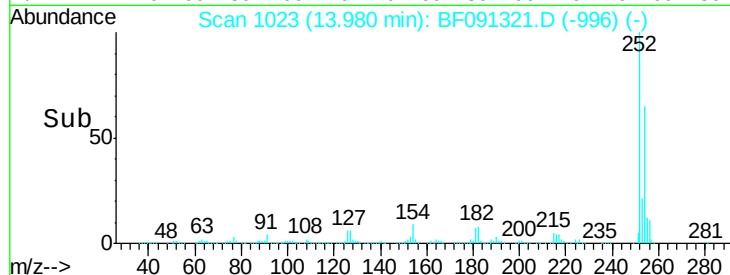
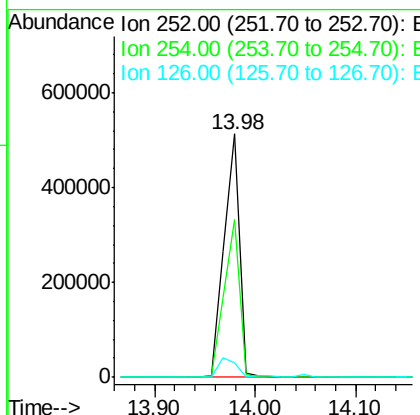
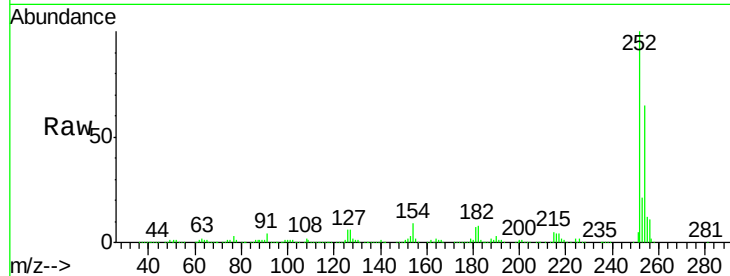
#81
 3,3'-Dichlorobenzidine
 Concen: 65.29 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	547070		
254	65.0	52.1	78.1	
126	5.7	7.5	11.3	

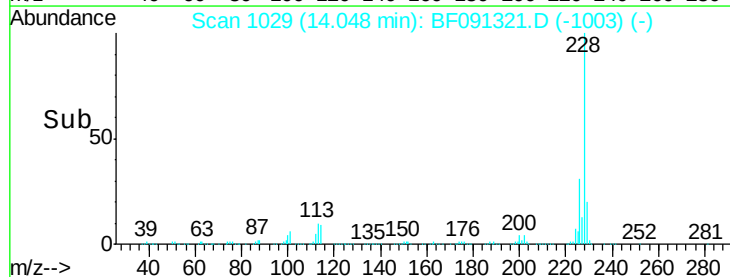
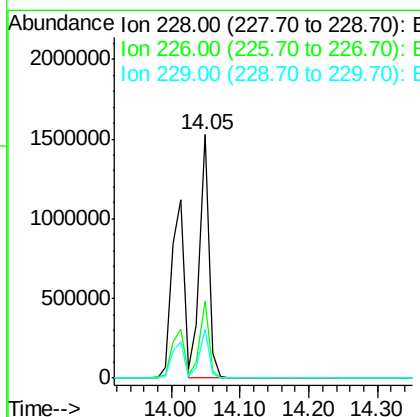
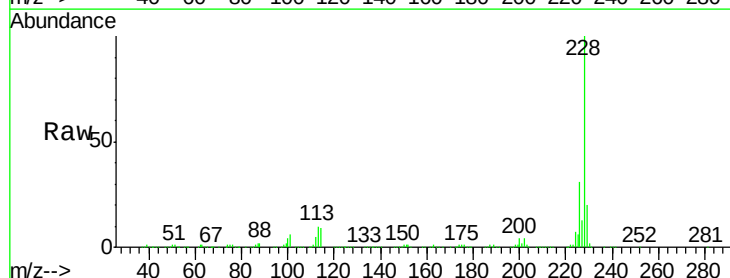
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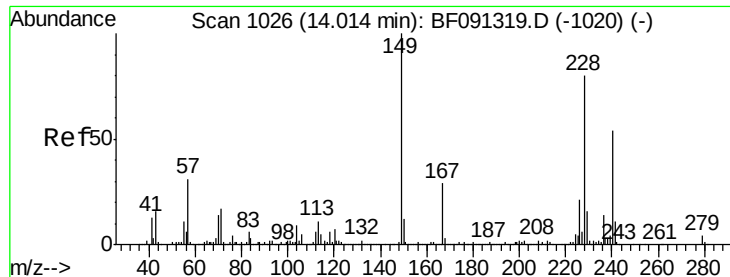
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#82
 Chrysene
 Concen: 58.23 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1398146		
226	31.5	25.0	37.4	
229	20.1	16.0	24.0	





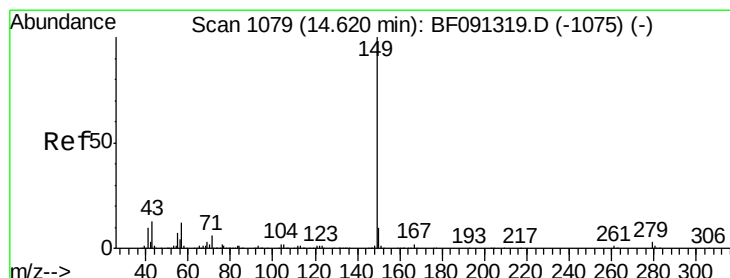
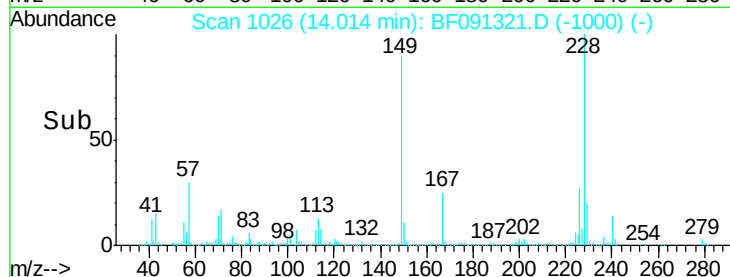
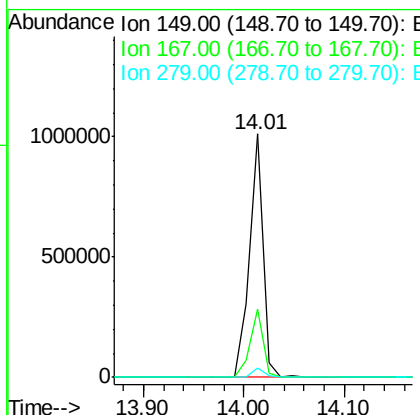
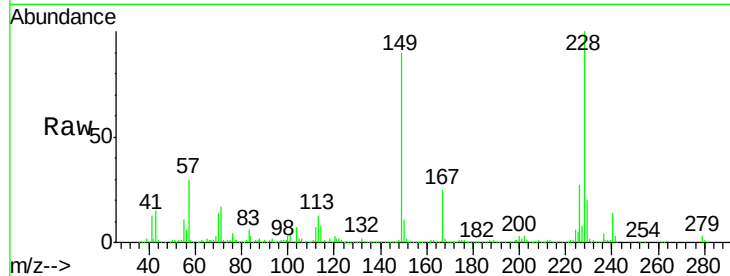
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.00 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	955757		
167	27.8	19.6	29.4	
279	3.8	1.9	2.9#	

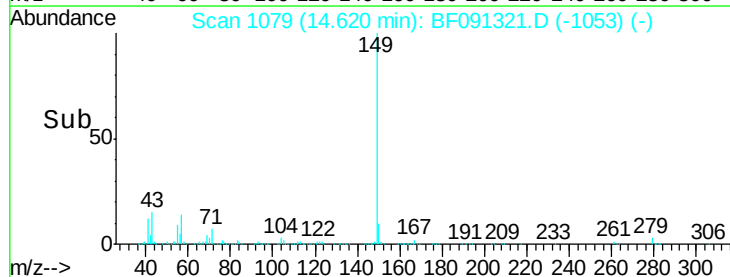
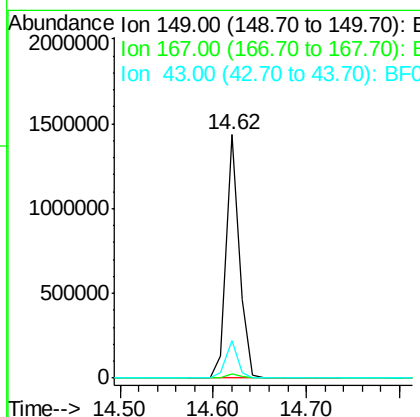
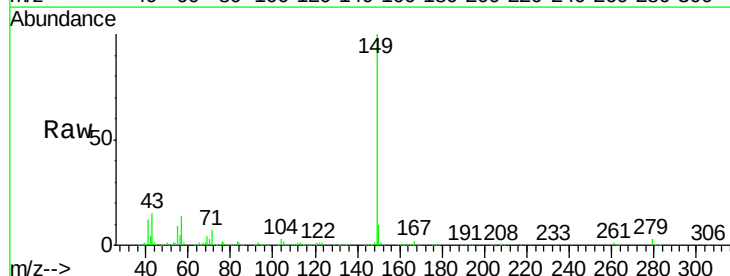
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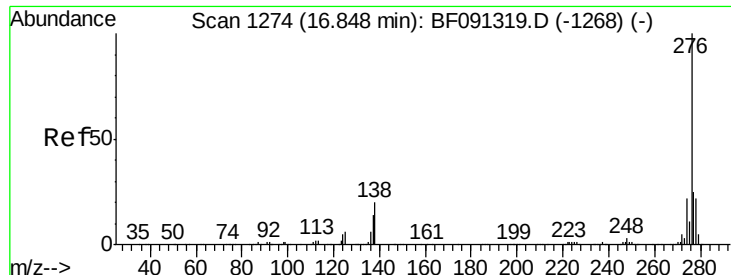
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#84
 Di-n-octyl phthalate
 Concen: 54.36 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1410062		
167	1.6	1.3	1.9	
43	13.9	11.9	17.9	





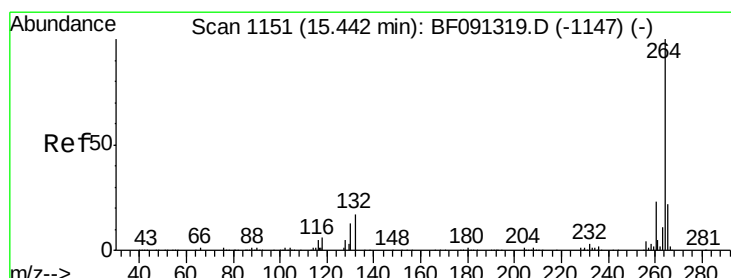
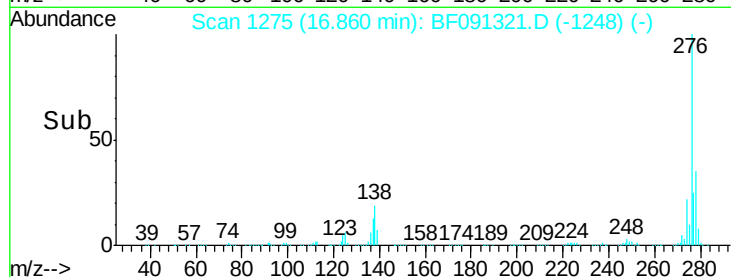
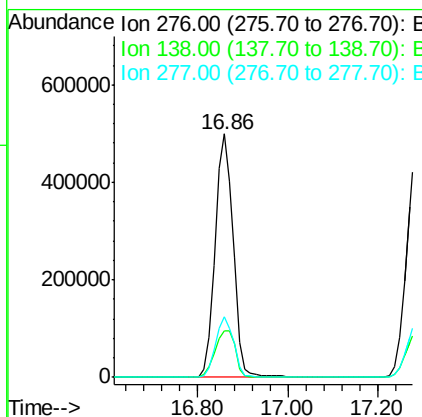
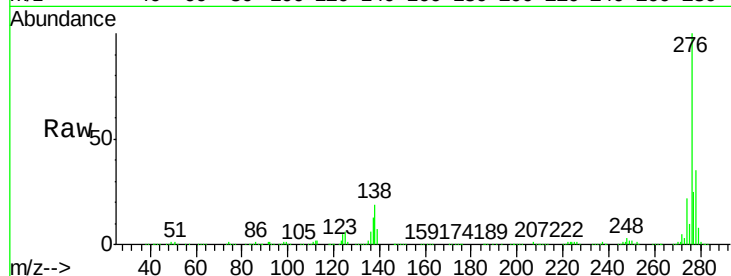
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 67.66 ng
 RT: 16.86 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	21.0	31.4
277	25.0	20.2	30.2

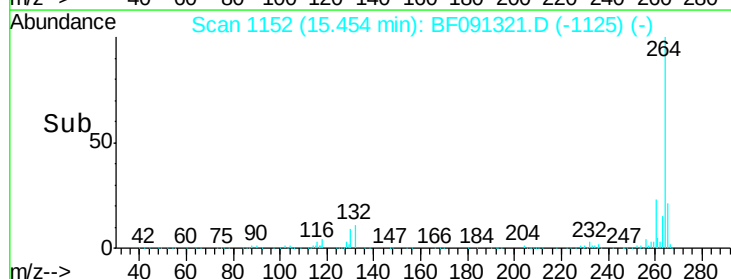
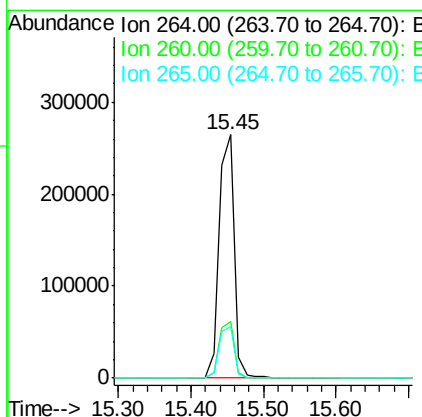
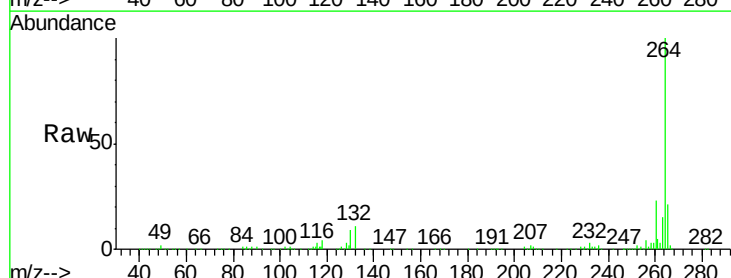
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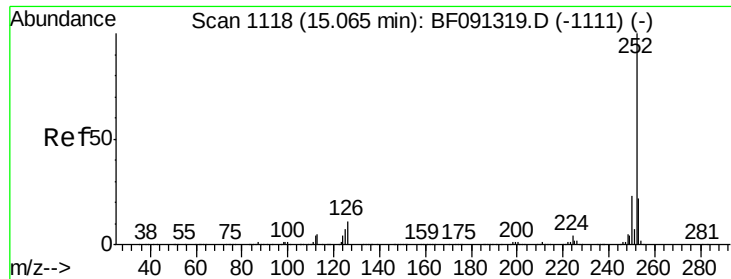
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.1	17.0	25.6





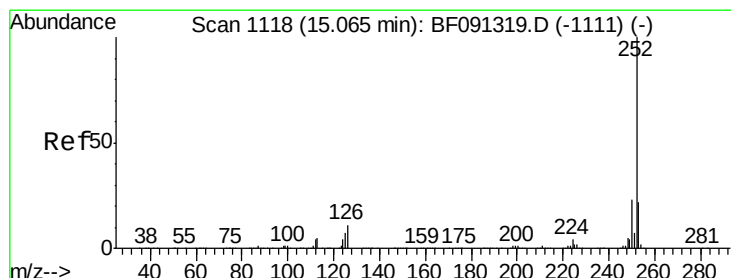
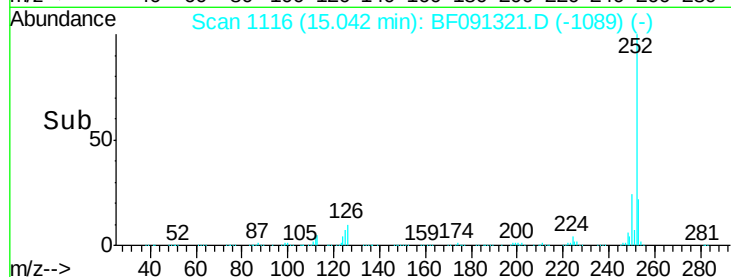
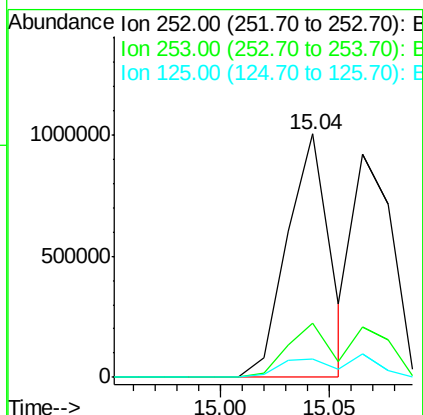
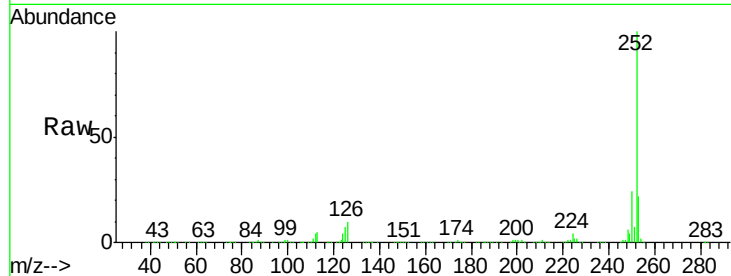
#87
Benzo(b)fluoranthene
Concen: 56.66 ng
RT: 15.04 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	7.4	8.6	13.0

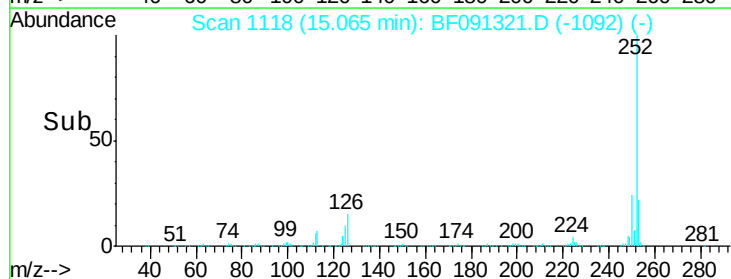
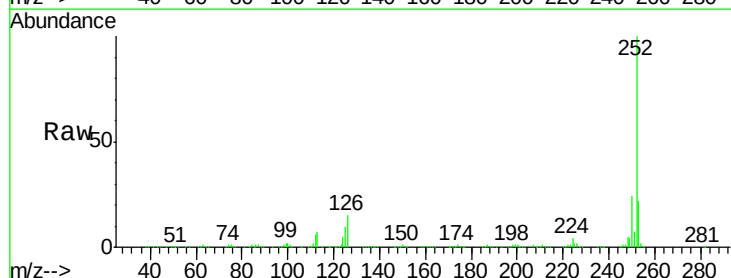
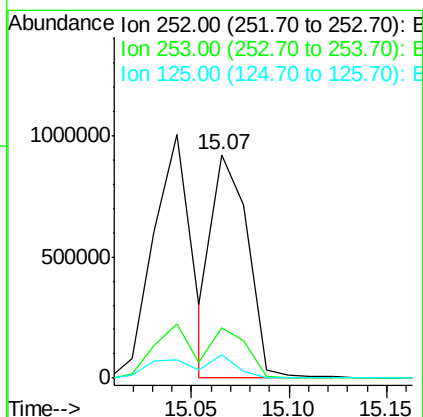
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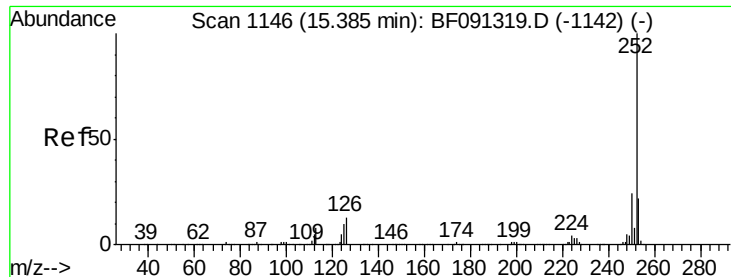
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#88
Benzo(k)fluoranthene
Concen: 59.06 ng m
RT: 15.07 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.5	9.6	14.4





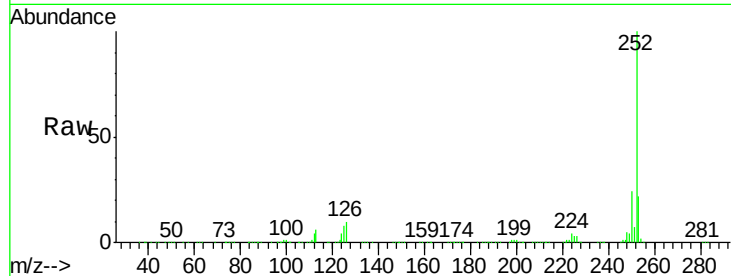
#89
Benzo(a)pyrene
Concen: 61.18 ng
RT: 15.40 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

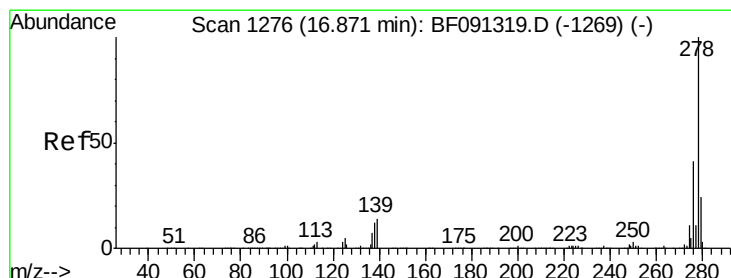
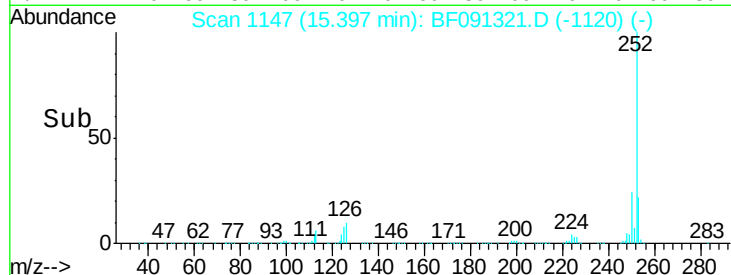
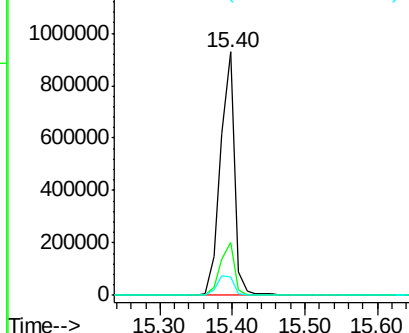
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	7.7	10.4	15.6

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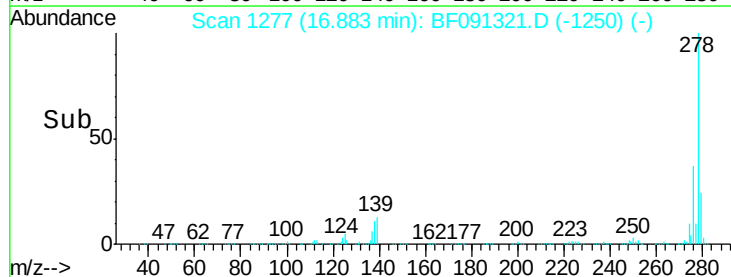
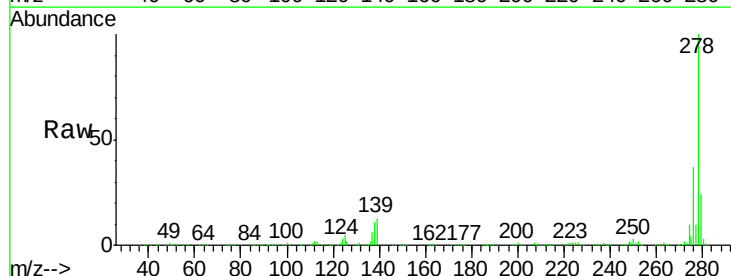
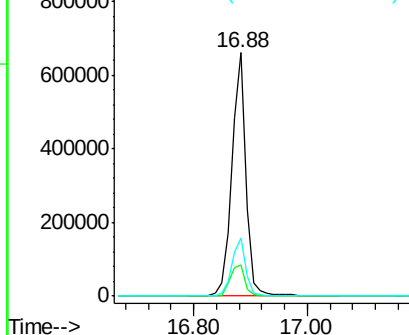
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

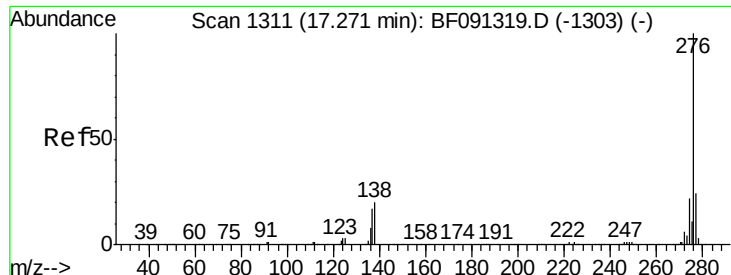


#90
Dibenzo(a,h)anthracene
Concen: 61.40 ng
RT: 16.88 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF091321.D
Acq: 29 Nov 2016 12:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.1	22.7
279	24.1	19.0	28.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 64.47 ng
 RT: 17.28 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF091321.D
 Acq: 29 Nov 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	20.1	15.4	23.0

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