

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091320.D
 Acq On : 29 Nov 2016 11:53
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 29 12:30:01 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	170909	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	646243	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	381858	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	634683	20.00	ng	0.00
75) Chrysene-d12	14.03	240	424295	20.00	ng	0.01
86) Perylene-d12	15.44	264	371362	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1060268	99.67	ng	0.00
7) Phenol-d6	6.49	99	1240369	90.76	ng	0.00
23) Nitrobenzene-d5	7.43	82	1122565	100.00	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	371478	96.47	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	2129089	91.30	ng	0.00
78) Terphenyl-d14	12.97	244	1886539	101.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	236518	47.14	ng	88
3) Pyridine	3.19	79	668447	49.57	ng	# 85
4) n-Nitrosodimethylamine	3.14	42	361703	48.99	ng	98
6) Aniline	6.53	93	836002	47.85	ng	# 71
8) 2-Chlorophenol	6.65	128	571271	49.30	ng	93
9) Benzaldehyde	6.41	77	398633	53.89	ng	83
10) Phenol	6.50	94	688794	45.17	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	573007	51.12	ng	95
12) 1,3-Dichlorobenzene	6.81	146	610293m	48.31	ng	
13) 1,4-Dichlorobenzene	6.88	146	583343	45.11	ng	96
14) 1,2-Dichlorobenzene	7.04	146	613048	49.97	ng	96
15) Benzyl Alcohol	7.01	79	474708	44.73	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1150858	46.83	ng	71
17) 2-Methylphenol	7.12	107	432813	47.21	ng	# 76
18) Hexachloroethane	7.38	117	224512	48.77	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	412958	48.17	ng	# 84
20) 3+4-Methylphenols	7.28	107	559676	49.73	ng	# 41
22) Acetophenone	7.28	105	754106	51.71	ng	# 85
24) Nitrobenzene	7.45	77	665893	56.06	ng	# 88
25) Isophorone	7.69	82	1004018	47.88	ng	99
26) 2-Nitrophenol	7.77	139	286499	60.14	ng	# 70
27) 2,4-Dimethylphenol	7.81	122	518248	51.84	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	618024	49.50	ng	# 96
29) 2,4-Dichlorophenol	8.01	162	445472	50.42	ng	90
30) 1,2,4-Trichlorobenzene	8.09	180	484125	47.57	ng	99
31) Naphthalene	8.17	128	1449664	46.63	ng	100
32) Benzoic acid	7.93	122	404067	51.32	ng	93
33) 4-Chloroaniline	8.22	127	643629	47.59	ng	# 93
34) Hexachlorobutadiene	8.30	225	309380	51.42	ng	98
35) Caprolactam	8.60	113	141492	51.95	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	464254	48.89	ng	100
37) 2-Methylnaphthalene	8.87	142	1080167	50.63	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	445973	43.10	ng	98
40) Hexachlorocyclopentadiene	9.02	237	237942	51.37	ng	98

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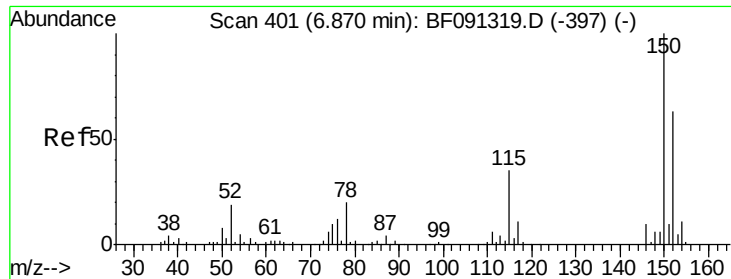
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	349256	48.94	ng	97
43) 2,4,5-Trichlorophenol	9.18	196	337058	49.16	ng #	90
45) 1,1'-Biphenyl	9.33	154	1213805	44.09	ng	98
46) 2-Chloronaphthalene	9.35	162	944231	46.82	ng	98
47) 2-Nitroaniline	9.44	65	344329	50.32	ng #	74
48) Acenaphthylene	9.77	152	1629852	50.43	ng	99
49) Dimethylphthalate	9.64	163	1077524	45.19	ng	98
50) 2,6-Dinitrotoluene	9.69	165	281425	54.04	ng #	82
51) Acenaphthene	9.94	154	1065693	48.45	ng	97
52) 3-Nitroaniline	9.86	138	314643	56.19	ng #	77
53) 2,4-Dinitrophenol	9.96	184	117123	62.00	ng #	65
54) Dibenzofuran	10.12	168	1424537	46.04	ng	93
55) 4-Nitrophenol	10.01	139	251242	62.21	ng	90
56) 2,4-Dinitrotoluene	10.09	165	361423	54.84	ng #	79
57) Fluorene	10.46	166	1123415	47.45	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	308962	51.24	ng	95
59) Diethylphthalate	10.33	149	1084902	45.22	ng	96
60) 4-Chlorophenyl-phenylether	10.45	204	461048	42.27	ng #	85
61) 4-Nitroaniline	10.47	138	259002	49.58	ng	89
62) Azobenzene	10.61	77	1161024	47.71	ng	89
64) 4,6-Dinitro-2-methylphenol	10.50	198	196965	68.43	ng #	34
65) n-Nitrosodiphenylamine	10.56	169	887883	46.08	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	337748	48.69	ng #	86
67) Hexachlorobenzene	11.01	284	356527	46.88	ng #	88
68) Atrazine	11.10	200	311602	61.26	ng	92
69) Pentachlorophenol	11.19	266	225080	50.03	ng	96
70) Phenanthrene	11.42	178	1593484	48.40	ng	99
71) Anthracene	11.46	178	1547550	45.97	ng	99
72) Carbazole	11.61	167	1351934	45.12	ng	99
73) Di-n-butylphthalate	11.96	149	1647741	47.49	ng	100
74) Fluoranthene	12.60	202	1560082	46.58	ng	98
76) Benzidine	12.72	184	678106	82.46	ng	98
77) Pyrene	12.82	202	1602982	51.13	ng	99
79) Butylbenzylphthalate	13.45	149	657506	52.41	ng #	82
80) Benzo(a)anthracene	14.01	228	1247680	51.81	ng	98
81) 3,3'-Dichlorobenzidine	13.98	252	449884	56.65	ng #	98
82) Chrysene	14.05	228	1289517	56.66	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	819550	52.47	ng #	94
84) Di-n-octyl phthalate	14.62	149	1182765	48.11	ng	97
85) Indeno(1,2,3-cd)pyrene	16.86	276	1125115	57.41	ng	96
87) Benzo(b)fluoranthene	15.04	252	1198064	51.14	ng #	95
88) Benzo(k)fluoranthene	15.07	252	888243m	46.42	ng	
89) Benzo(a)pyrene	15.39	252	1012904	50.82	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	947612	51.50	ng	96
91) Benzo(g,h,i)perylene	17.28	276	992724	54.39	ng	98

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



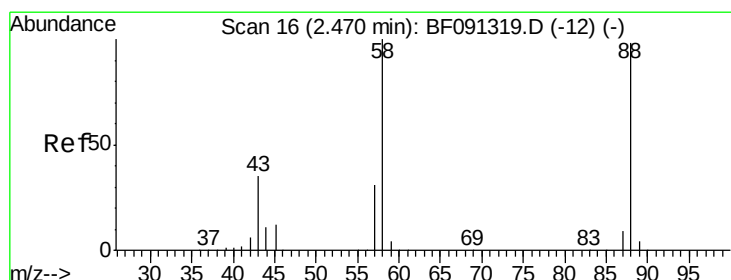
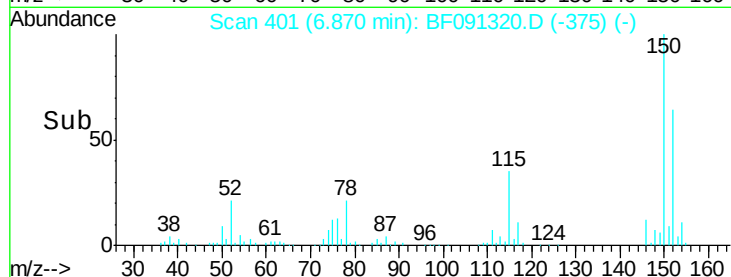
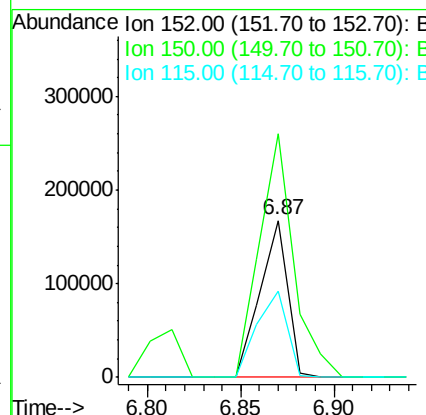
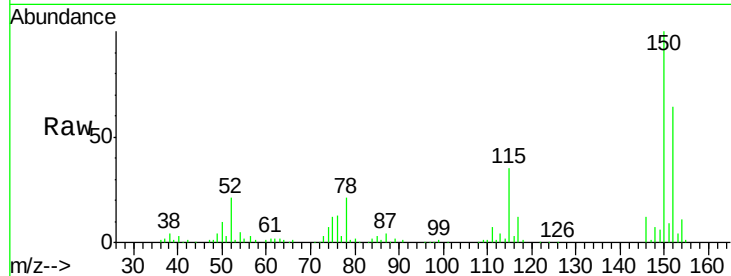
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.5	183.7
115	54.9	51.8	77.8

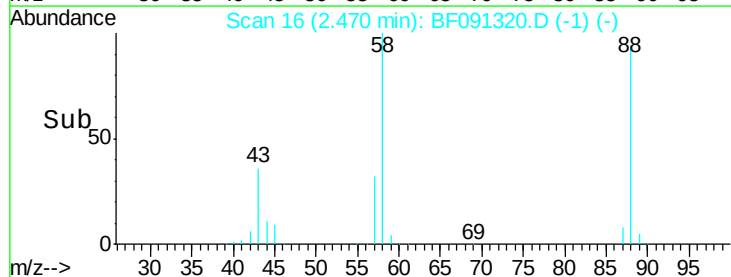
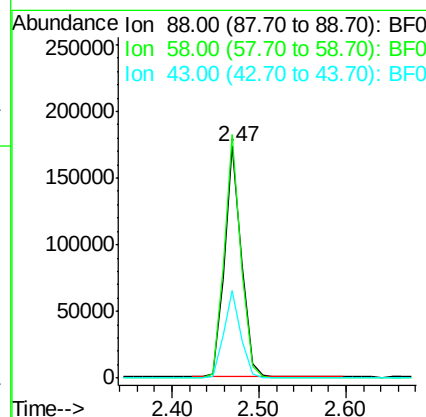
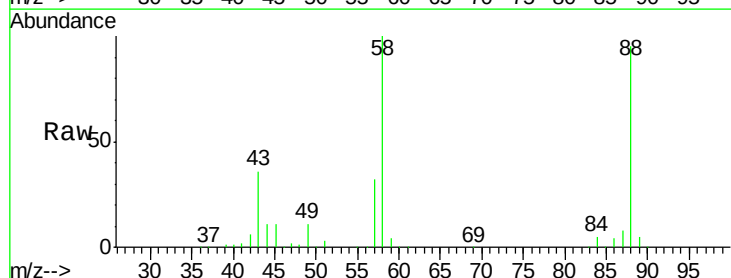
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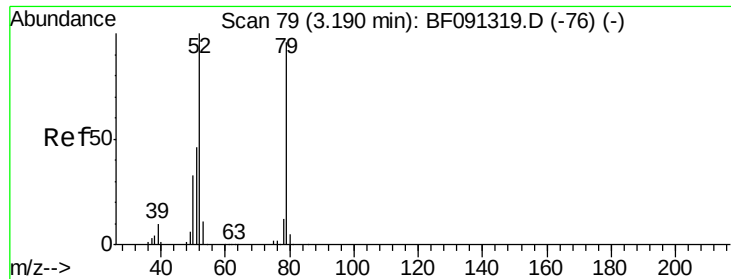
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#2
 1,4-Dioxane
 Concen: 47.14 ng
 RT: 2.47 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.7	70.3	105.5
43	38.2	31.3	46.9





#3

Pyridine

Concen: 49.57 ng

RT: 3.19 min Scan# 79

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 79 Resp: 668447
Ion Ratio Lower Upper

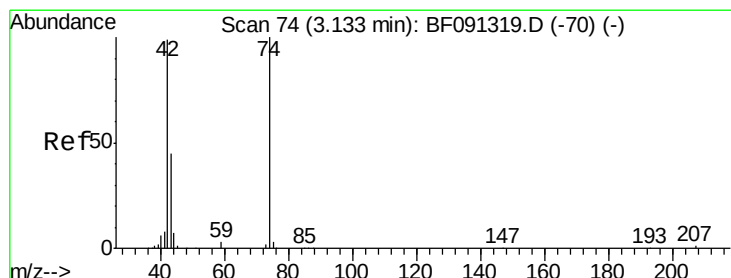
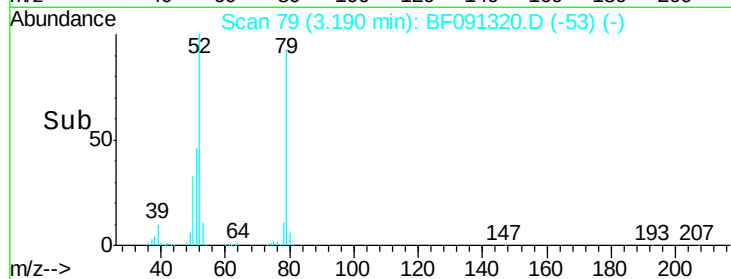
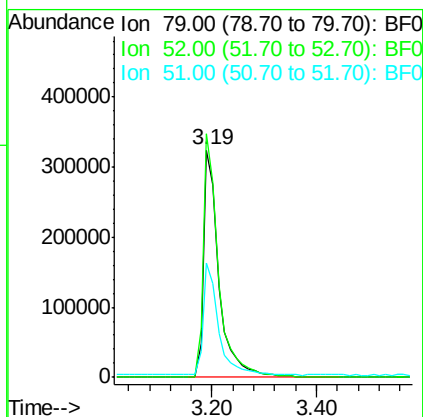
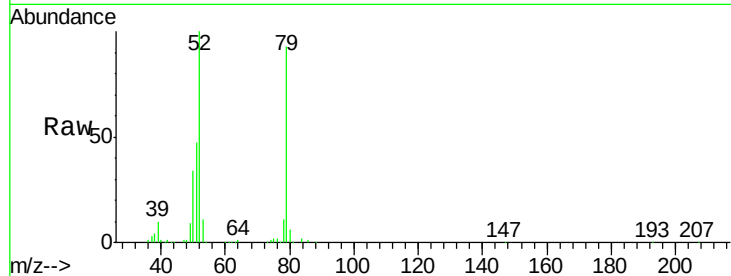
79 100

52 107.2 71.0 106.4#

51 50.6 37.0 55.4

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#4

n-Nitrosodimethylamine

Concen: 48.99 ng

RT: 3.14 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF091320.D

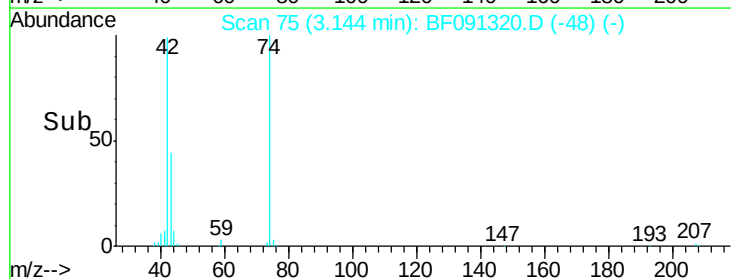
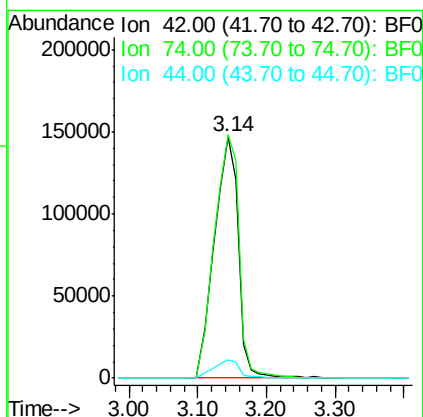
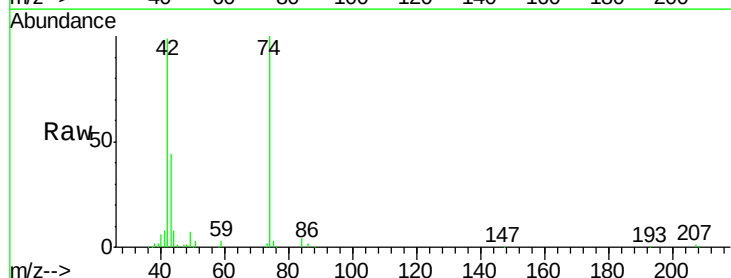
Acq: 29 Nov 2016 11:53

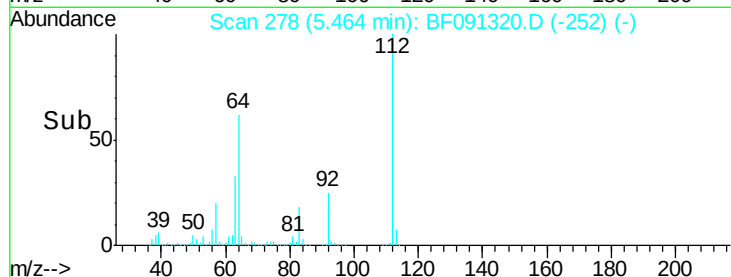
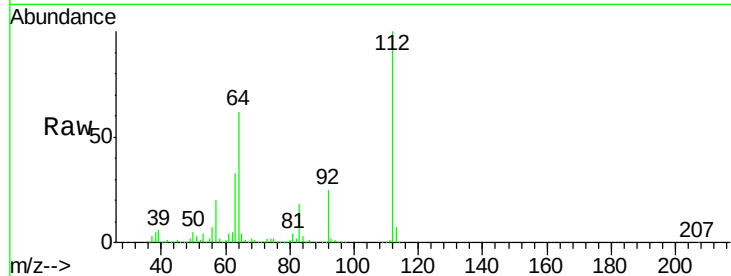
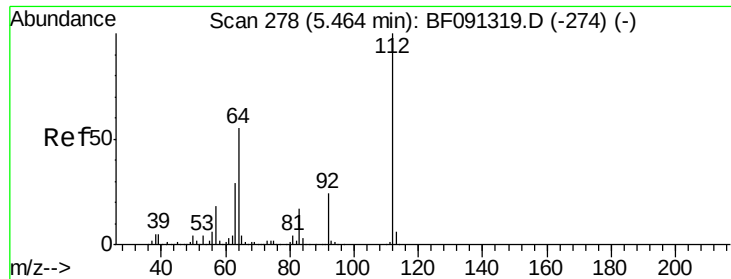
Tgt Ion: 42 Resp: 361703
Ion Ratio Lower Upper

42 100

74 101.0 78.9 118.3

44 7.7 5.8 8.6





#5

2-Fluorophenol

Concen: 99.67 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 112 Resp: 1060268

Ion Ratio Lower Upper

112 100

64 61.6 61.5 92.3

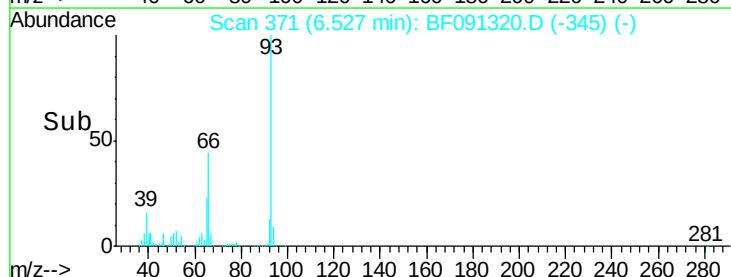
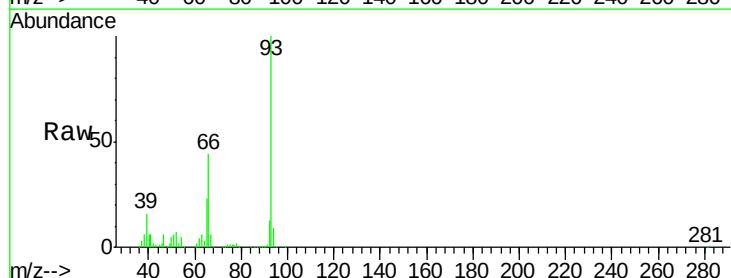
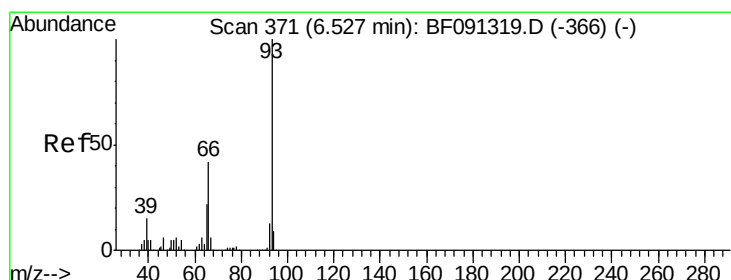
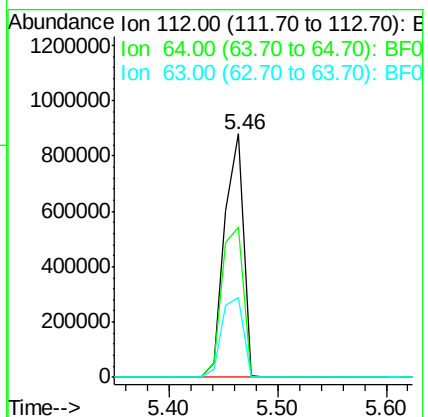
63 32.7 33.3 49.9#

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#6

Aniline

Concen: 47.85 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

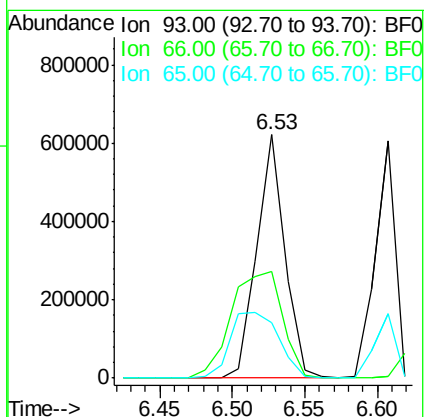
Tgt Ion: 93 Resp: 836002

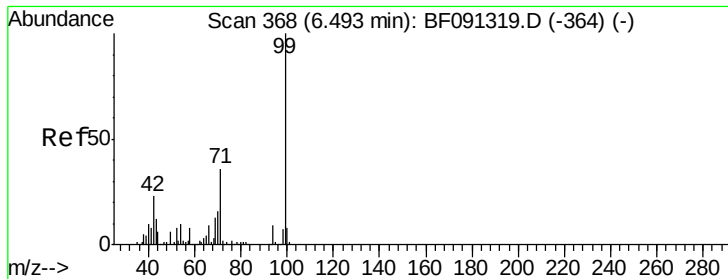
Ion Ratio Lower Upper

93 100

66 43.9 55.8 83.6#

65 22.9 29.9 44.9#





#7

Phenol-d6

Concen: 90.76 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 1240369

Ion Ratio Lower Upper

99 100

42 24.6 20.6 31.0

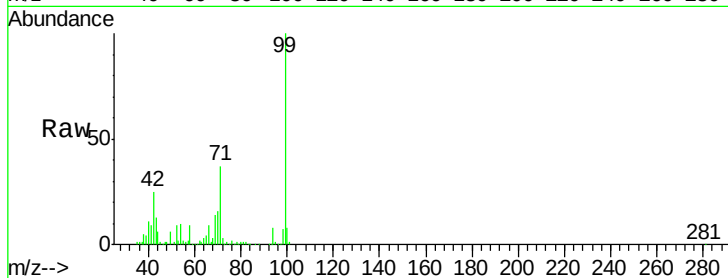
71 36.9 29.9 44.9

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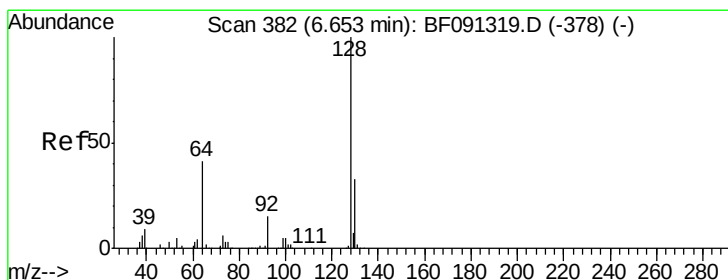
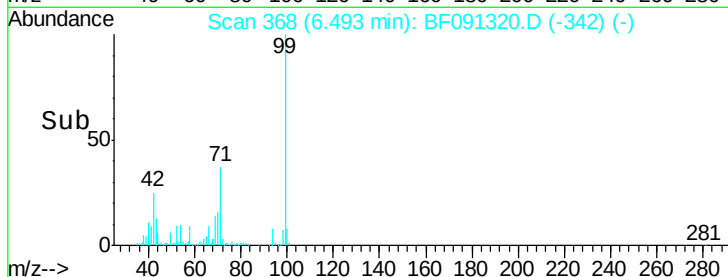
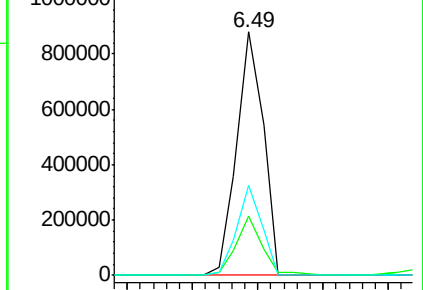
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.30 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

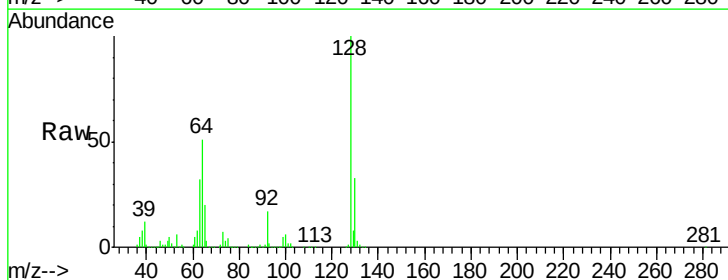
Tgt Ion: 128 Resp: 571271

Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

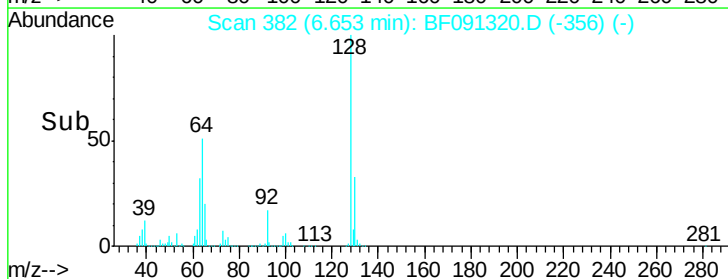
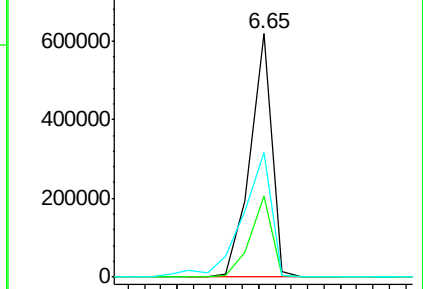
64 51.4 24.1 64.1

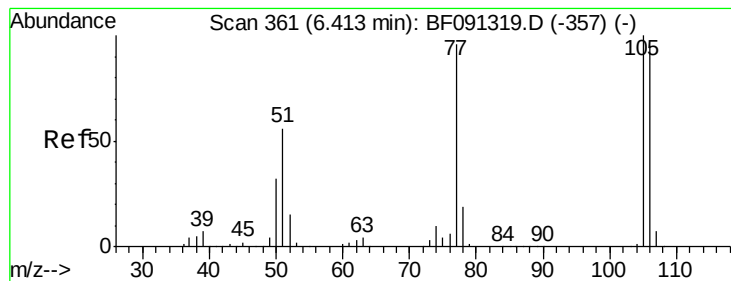


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 53.89 ng

RT: 6.41 min Scan# 361

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

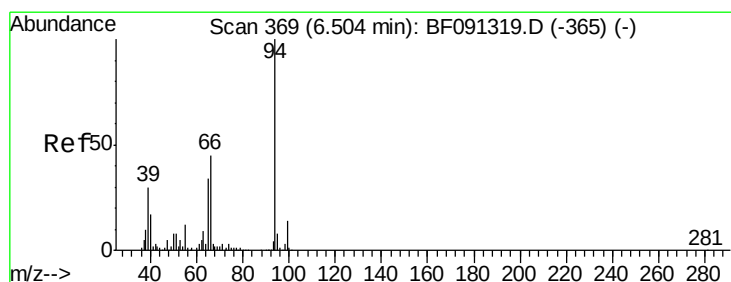
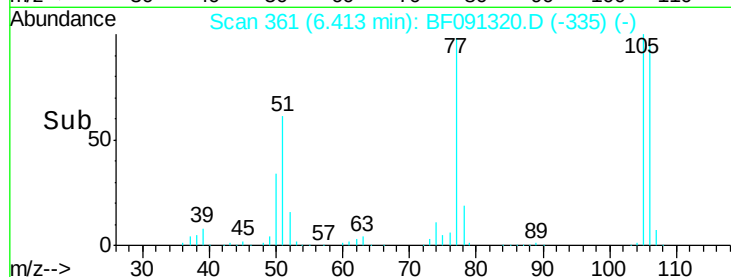
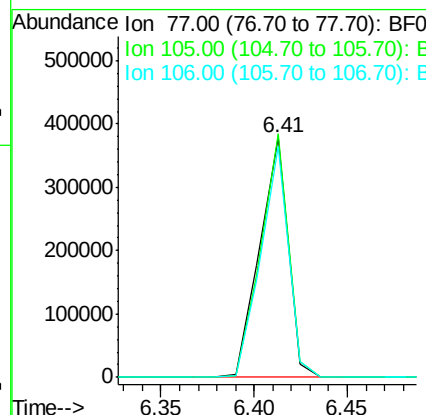
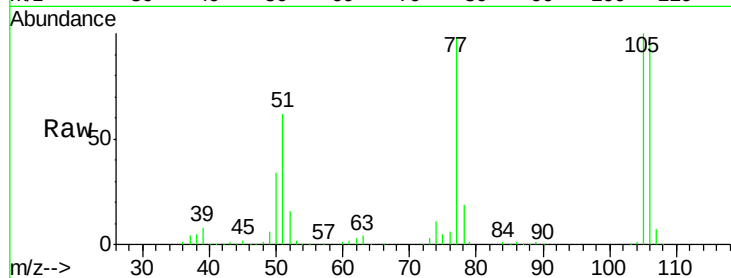
ClientSampleId :

SSTDIC050

Tgt Ion:	77	Resp:	398633
Ion Ratio	Lower	Upper	
77	100		
105	101.6	66.4	106.4
106	96.3	60.9	100.9

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#10

Phenol

Concen: 45.17 ng

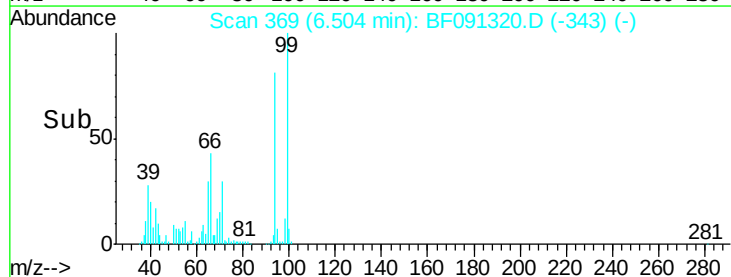
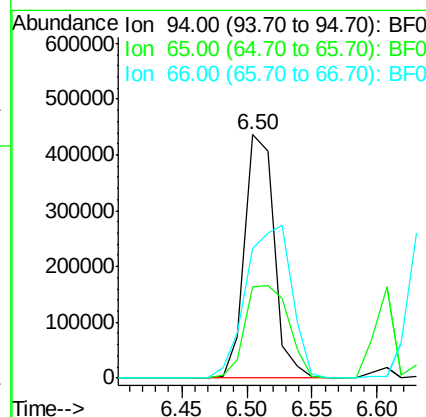
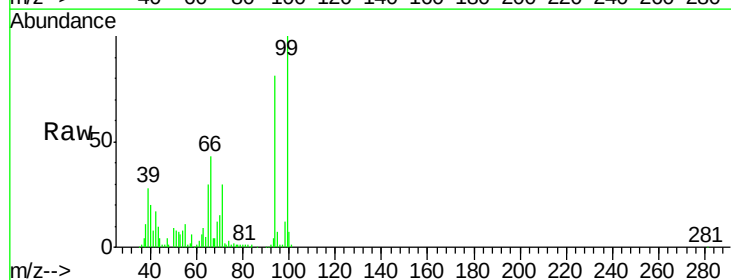
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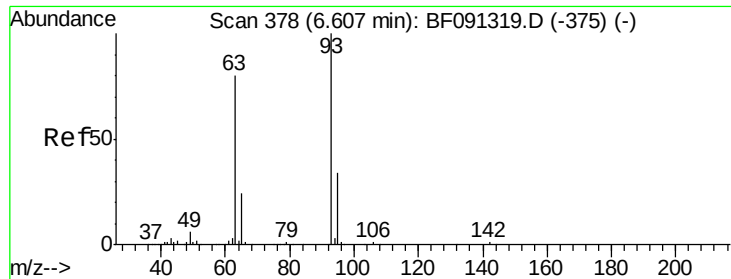
Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Tgt Ion:	94	Resp:	688794
Ion Ratio	Lower	Upper	
94	100		
65	37.4	16.9	56.9
66	53.3	30.6	70.6





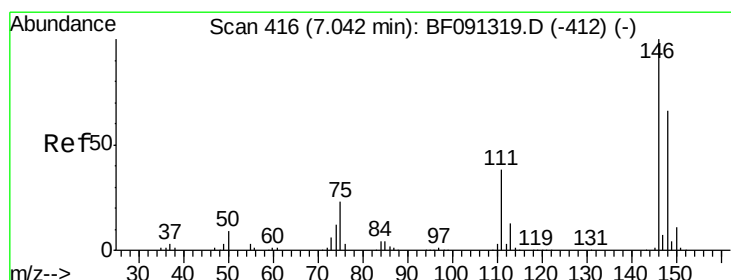
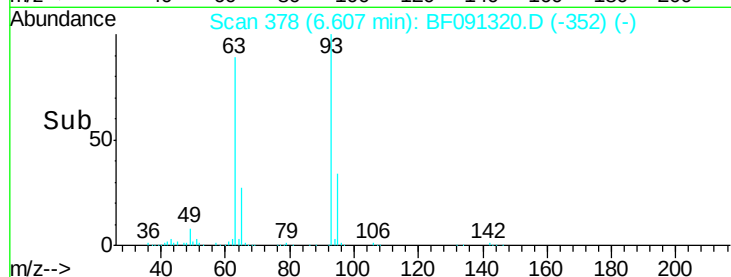
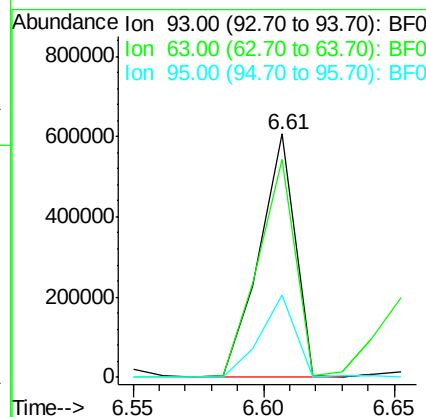
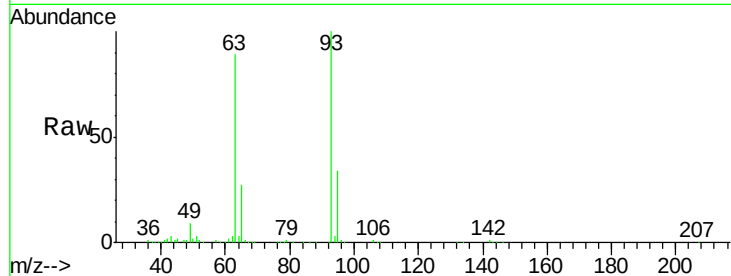
#11
bis(2-Chloroethyl)ether
Concen: 51.12 ng
RT: 6.61 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.4	74.8	114.8
95	33.6	12.4	52.4

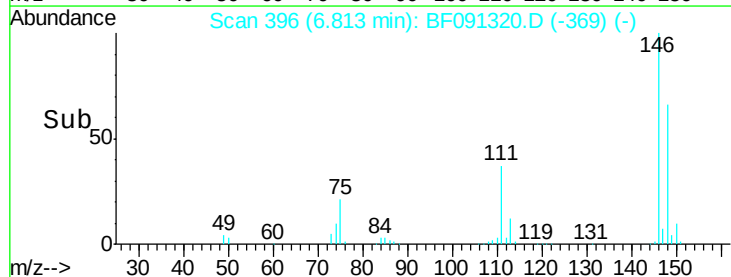
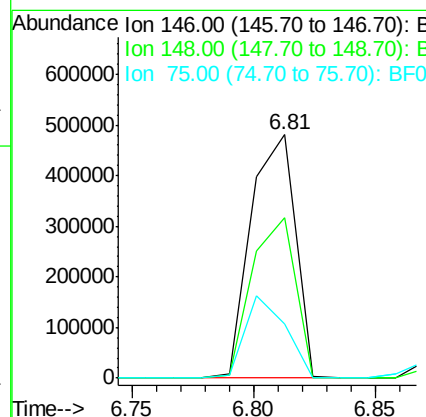
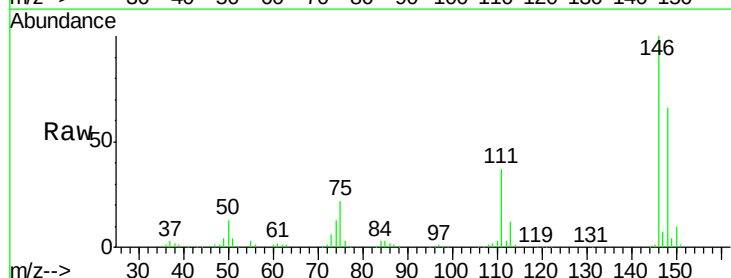
Manual Integrations
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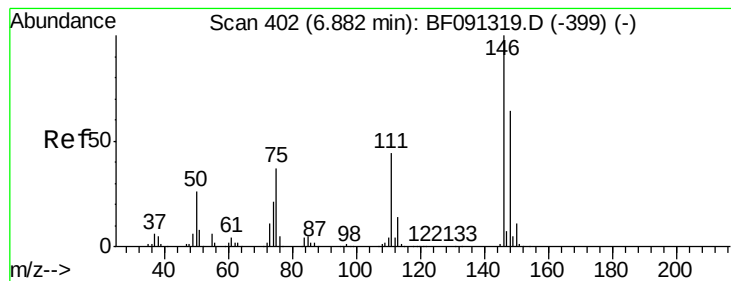
sohil
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#12
1,3-Dichlorobenzene
Concen: 48.31 ng m
RT: 6.81 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
75	22.4	23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 45.11 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

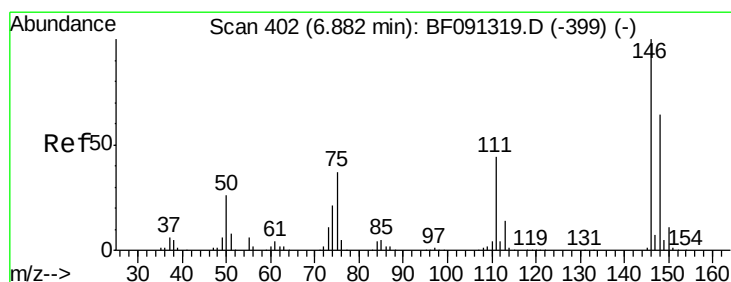
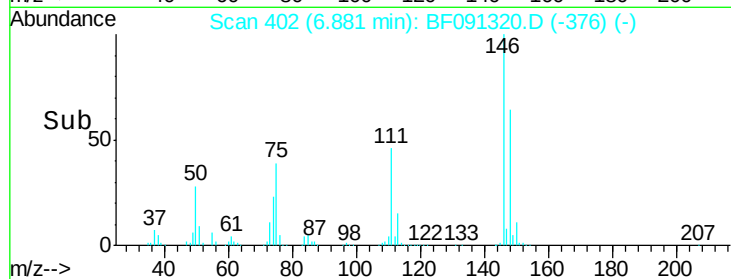
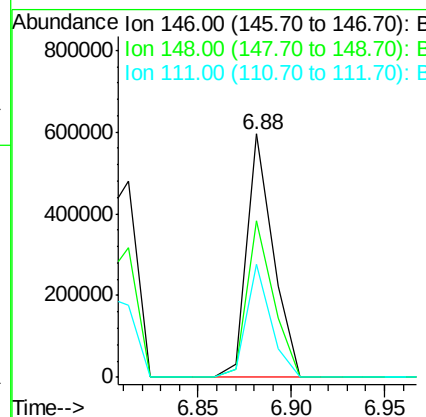
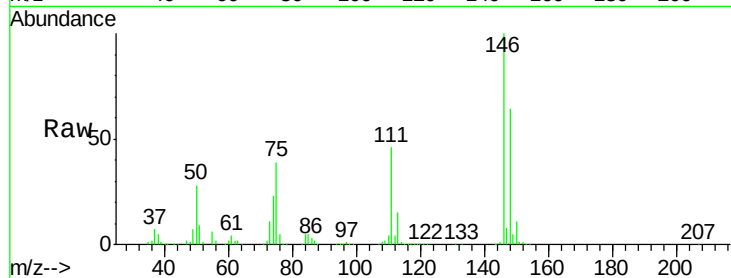
ClientSampleId :

SSTDIC050

Tgt Ion:	146	Resp:	583343
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.4	77.0
111	46.2	32.2	48.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 49.97 ng

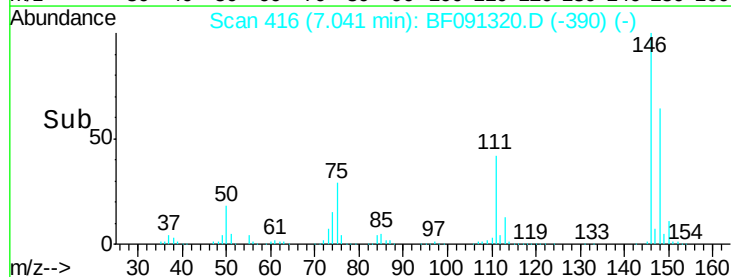
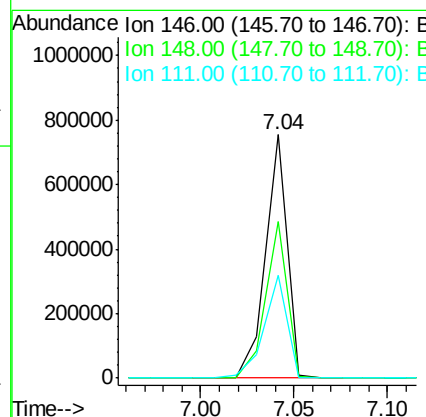
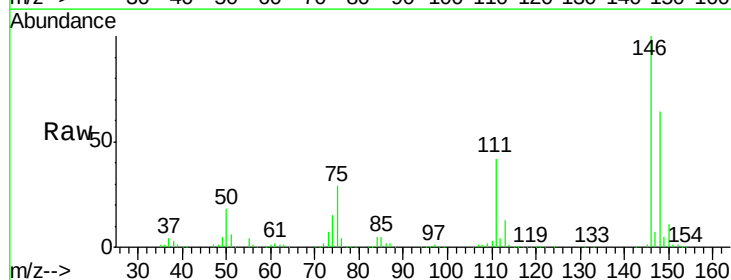
RT: 7.04 min Scan# 416

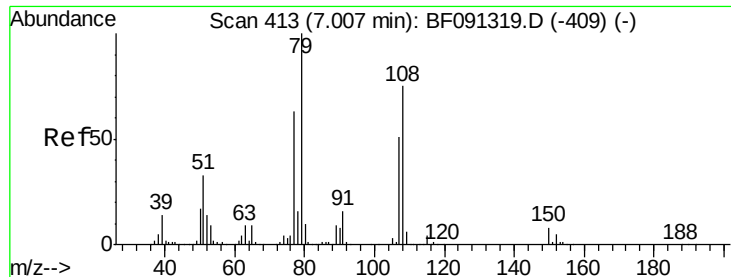
Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Tgt Ion:	146	Resp:	613048
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.0	76.6
111	42.2	38.9	58.3





#15

Benzyl Alcohol

Concen: 44.73 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 79 Resp: 474708

Ion Ratio Lower Upper

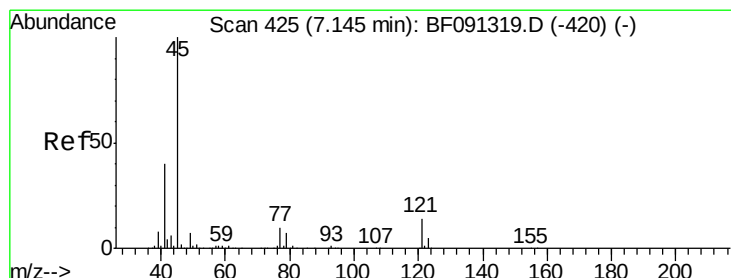
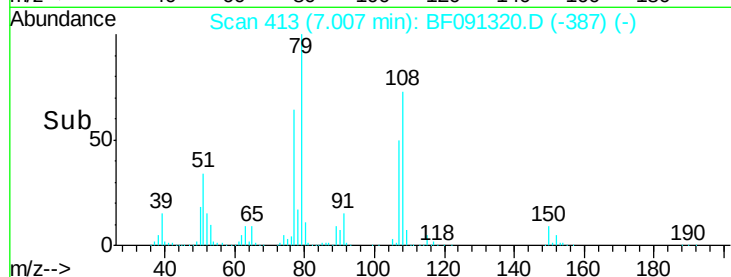
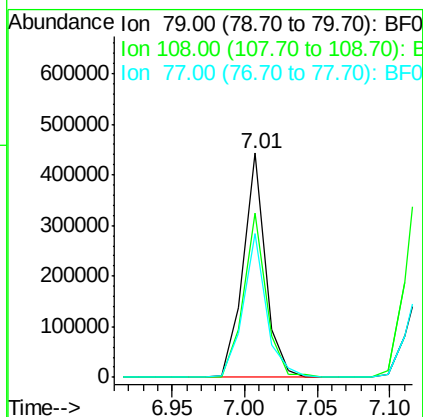
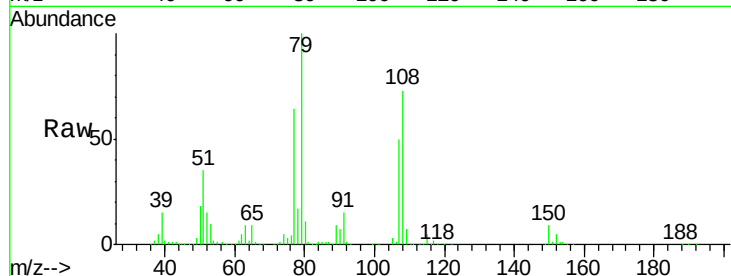
79 100

108 73.1 62.7 94.1

77 63.9 51.7 77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.83 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

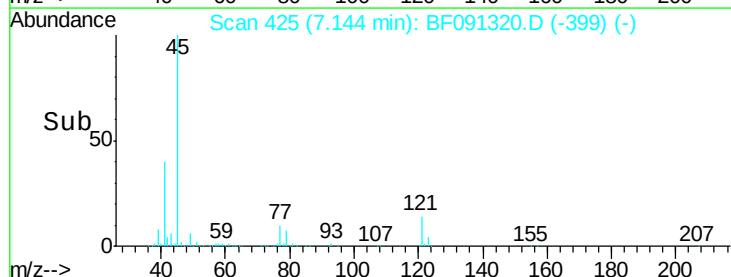
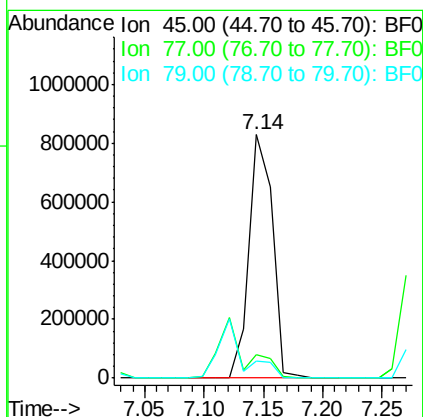
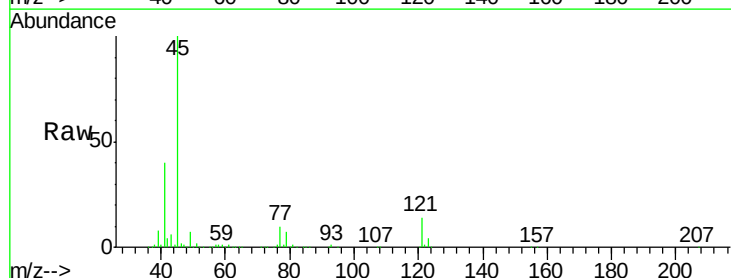
Tgt Ion: 45 Resp: 1150858

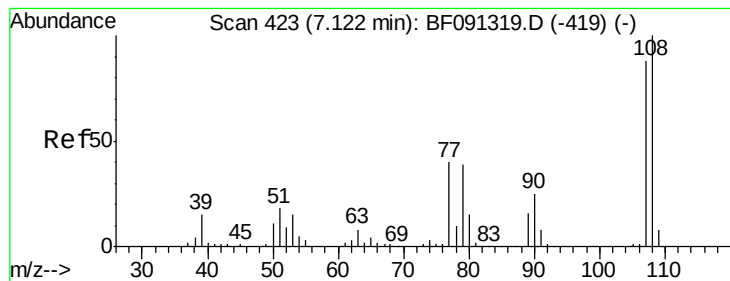
Ion Ratio Lower Upper

45 100

77 9.5 3.8 43.8

79 7.2 0.2 40.2





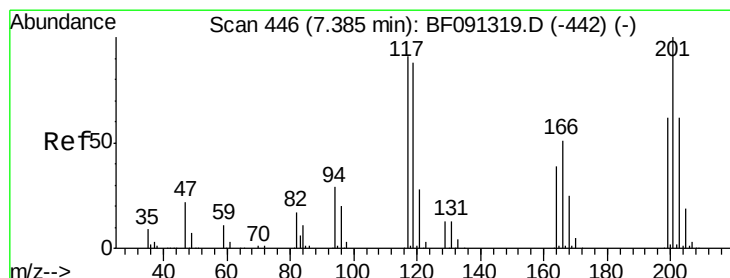
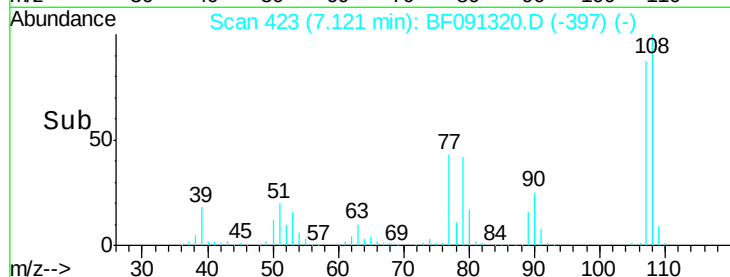
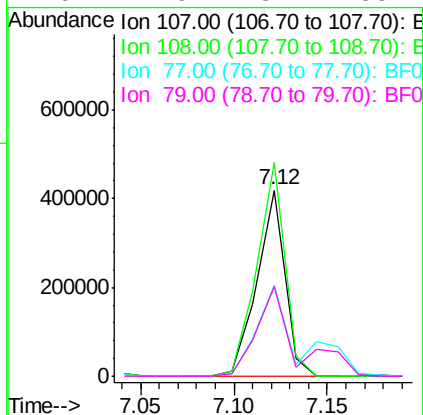
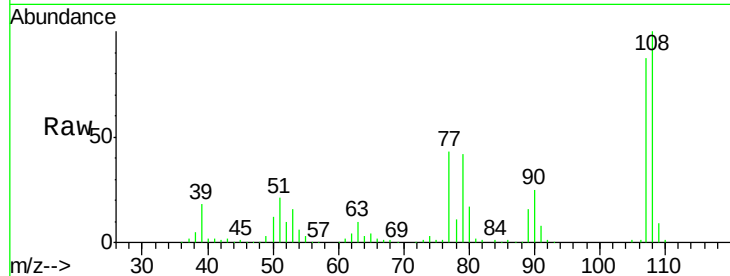
#17
2-Methylphenol
Concen: 47.21 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	432813		
108	114.8	67.7	101.5#	
77	48.9	40.7	61.1	
79	47.9	23.4	35.2#	

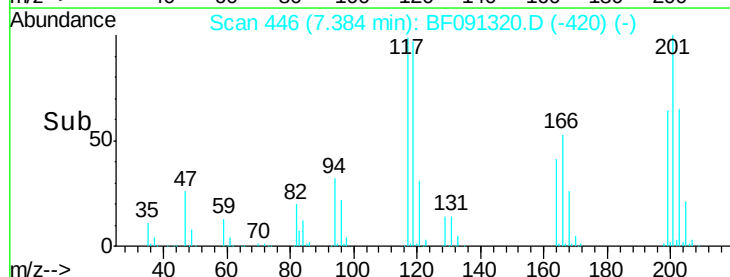
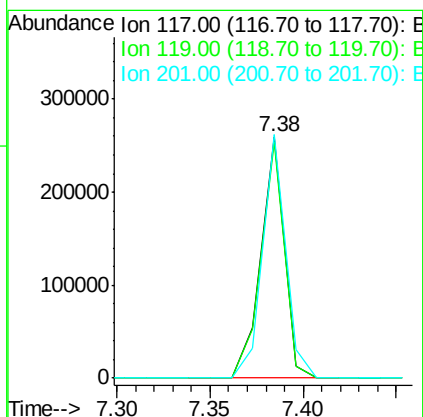
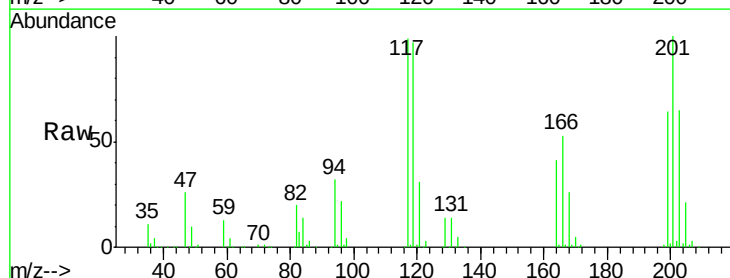
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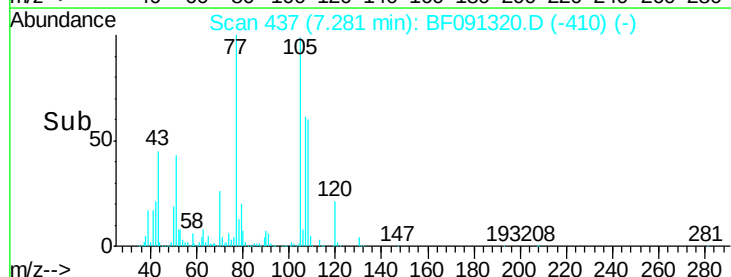
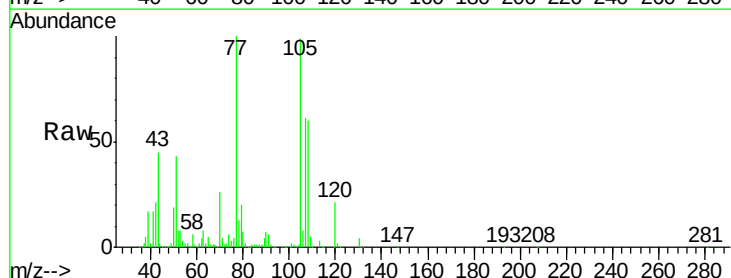
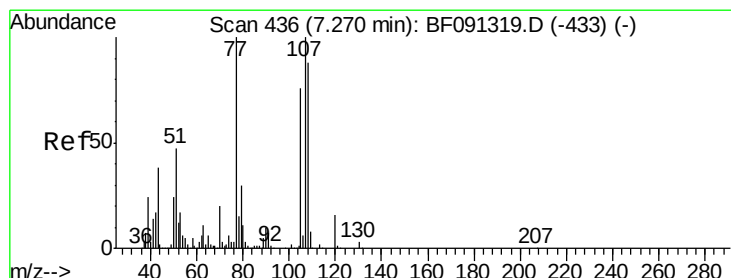
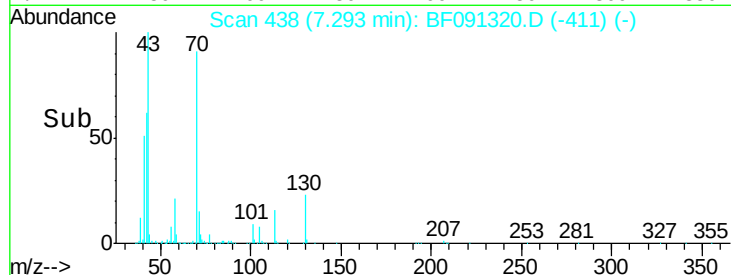
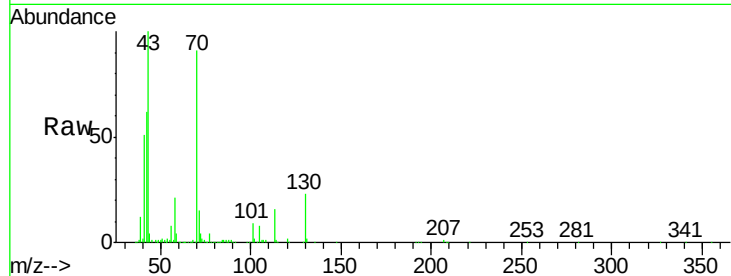
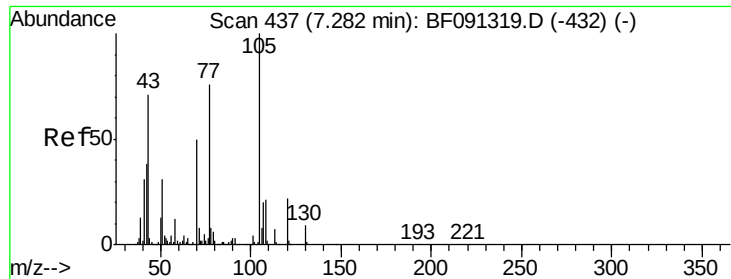
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#18
Hexachloroethane
Concen: 48.77 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	224512		
119	97.5	78.6	118.0	
201	100.7	86.7	130.1	





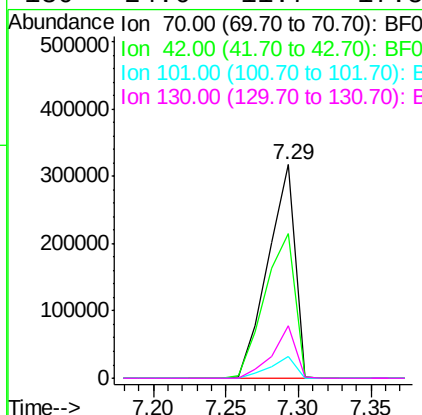
#19
n-Nitroso-di-n-propylamine
Concen: 48.17 ng
RT: 7.29 min Scan# 438
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.8	64.8	97.2
101	9.9	6.2	9.4#
130	24.6	11.7	17.5#

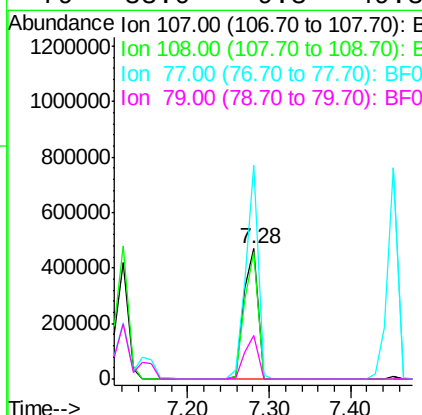
Manual Integrations
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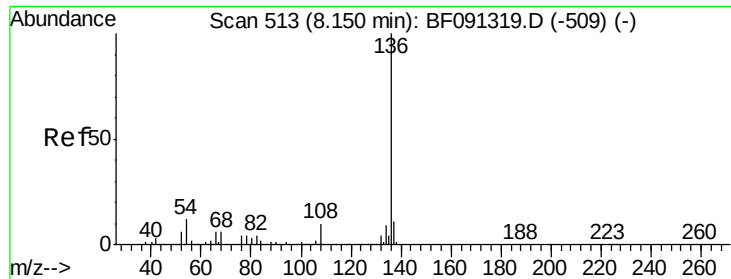
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#20
3+4-Methylphenols
Concen: 49.73 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.5	64.6	104.6
77	163.8	30.9	70.9#
79	33.0	9.3	49.3





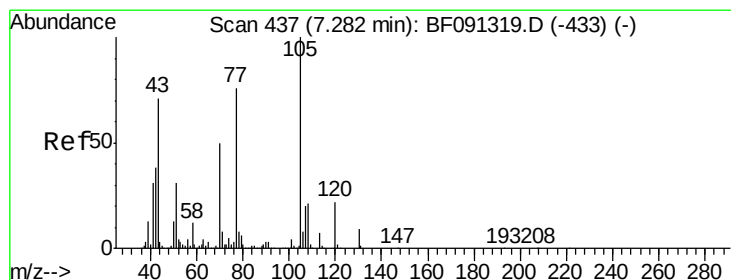
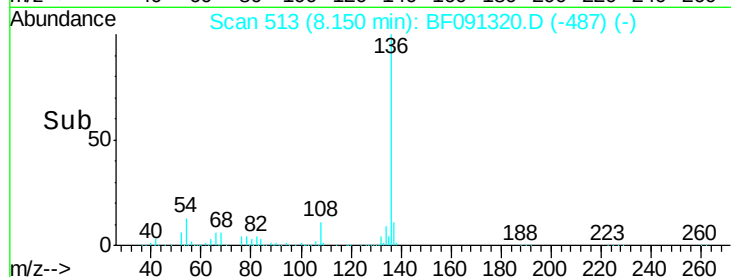
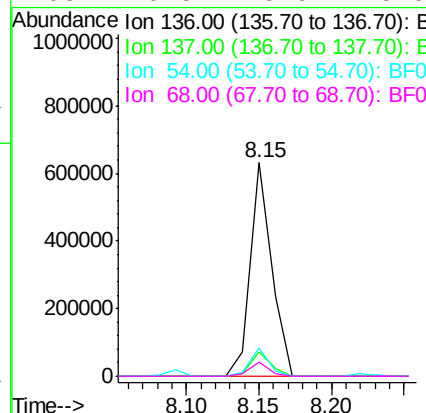
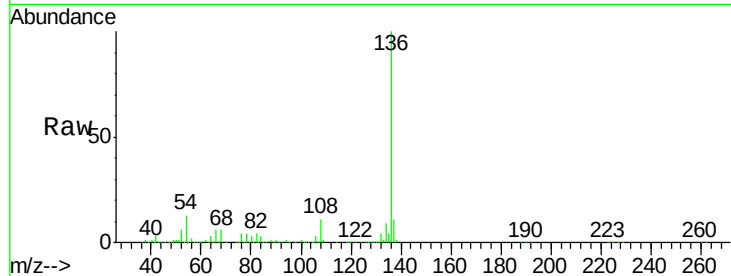
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	646243		
137	11.1	9.1	13.7	
54	13.1	9.1	13.7	
68	6.5	5.9	8.9	

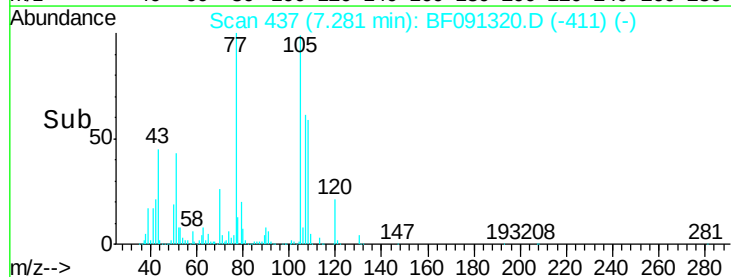
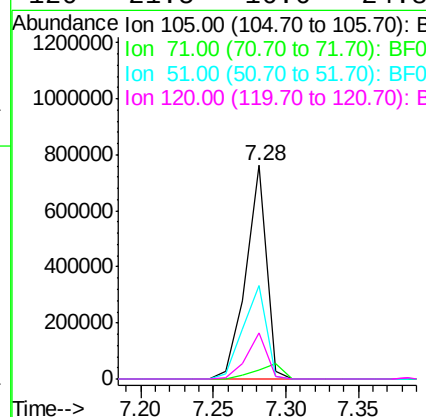
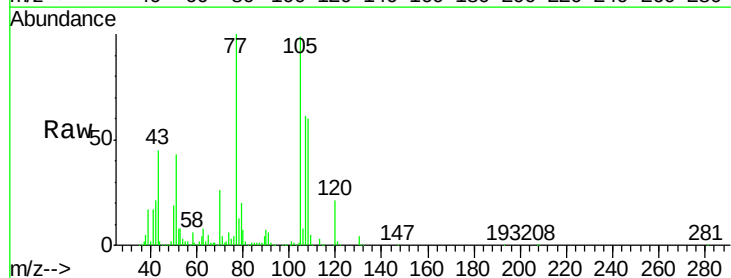
Manual Integrations
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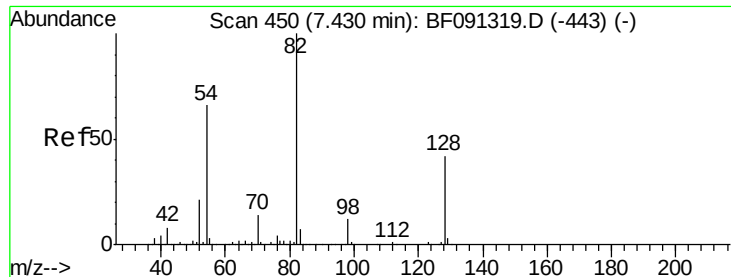
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#22
Acetophenone
Concen: 51.71 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	754106		
71	4.5	7.9	11.9#	
51	43.7	24.5	36.7#	
120	21.5	16.6	24.8	





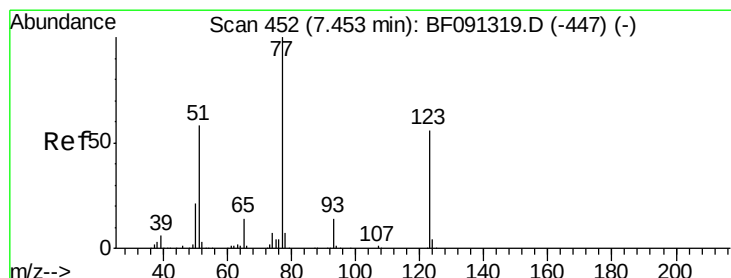
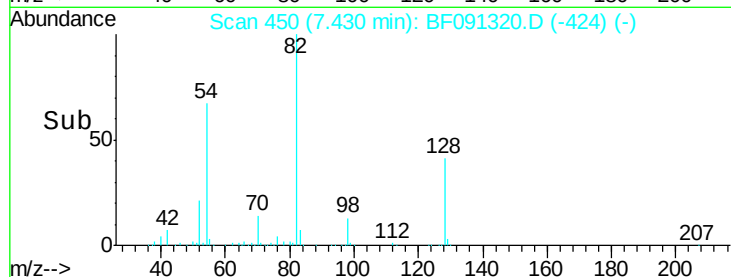
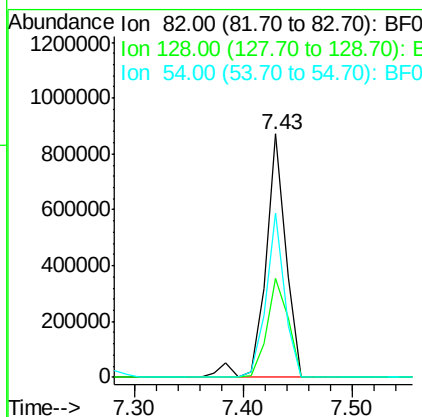
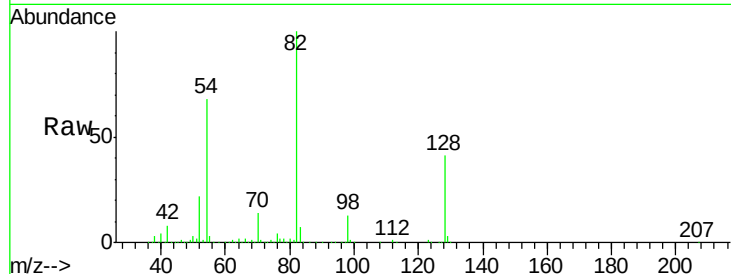
#23
 Nitrobenzene-d5
 Concen: 100.00 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.8	47.6
54	67.6	49.1	73.7

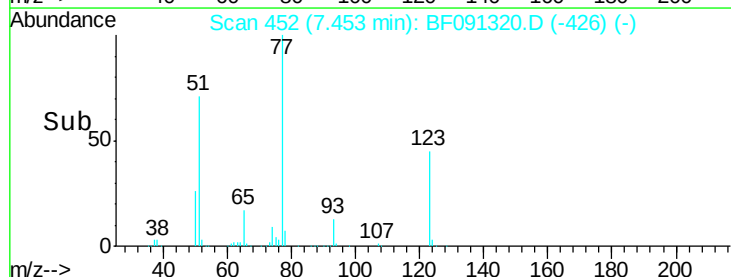
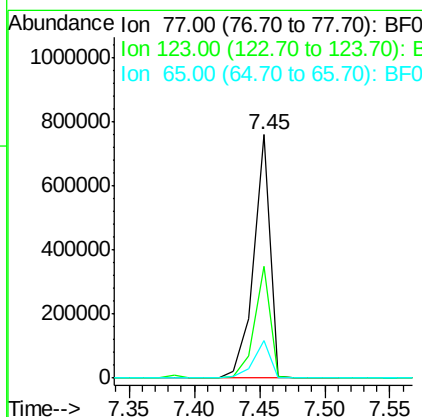
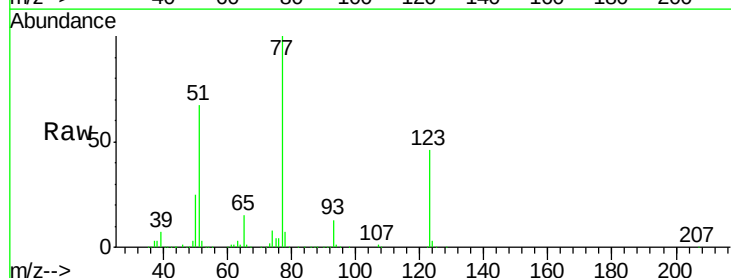
Manual Integrations
 APPROVED

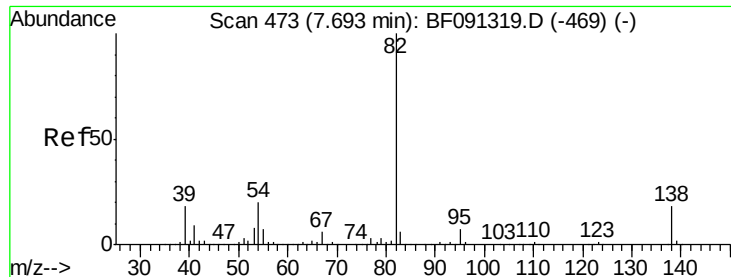
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#24
 Nitrobenzene
 Concen: 56.06 ng
 RT: 7.45 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	28.5	42.7#
65	15.4	12.5	18.7





#25

Isophorone

Concen: 47.88 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 82 Resp: 1004018

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

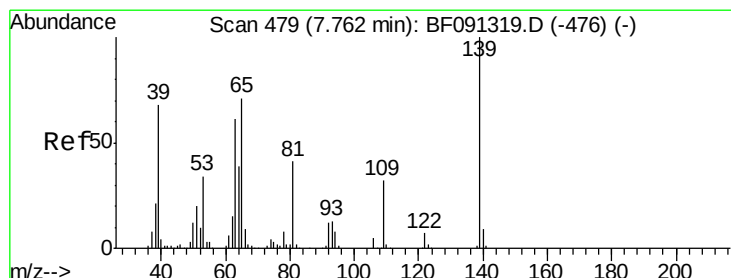
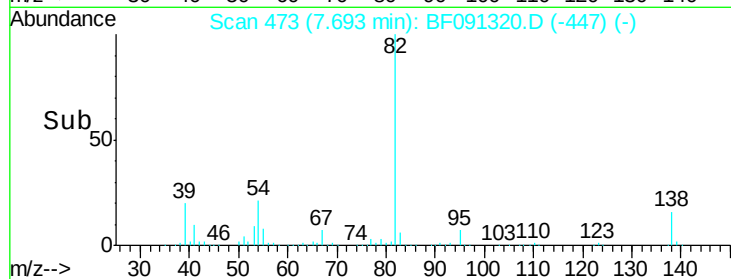
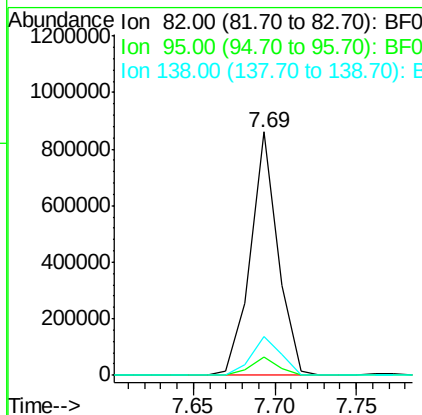
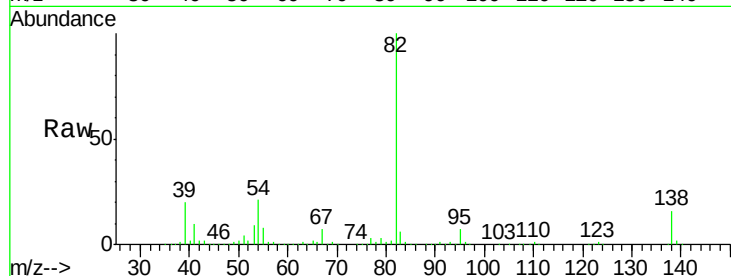
138 16.1 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 60.14 ng

RT: 7.77 min Scan# 480

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

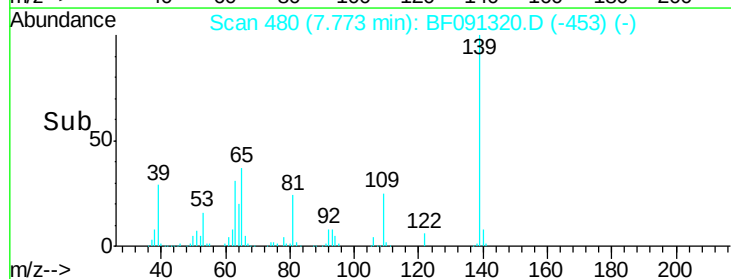
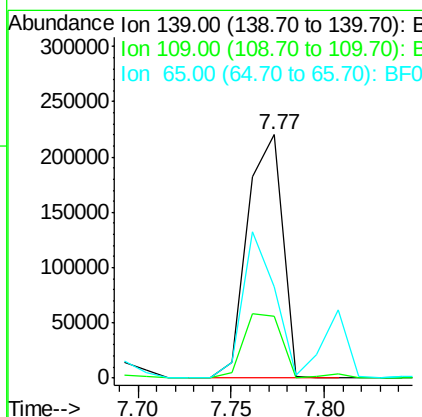
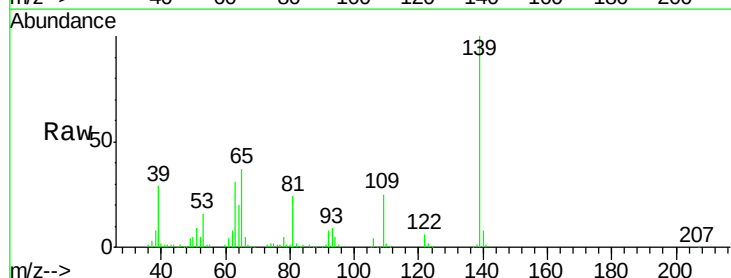
Tgt Ion: 139 Resp: 286499

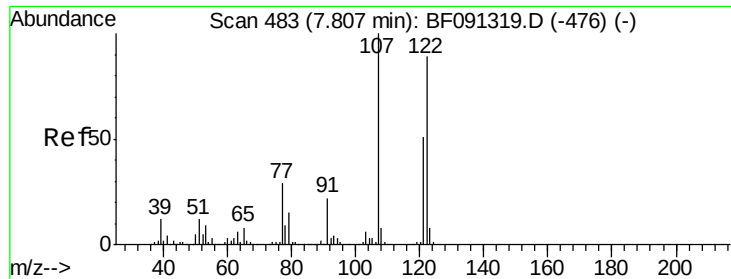
Ion Ratio Lower Upper

139 100

109 25.3 25.3 37.9

65 37.4 55.4 83.2#





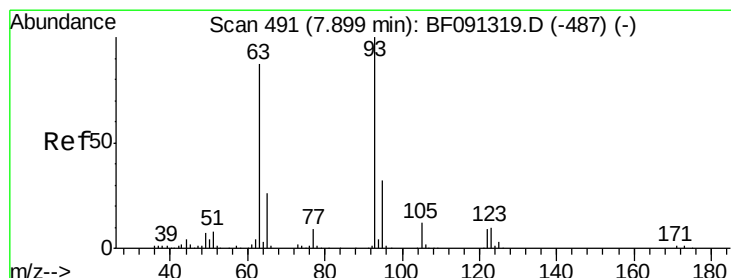
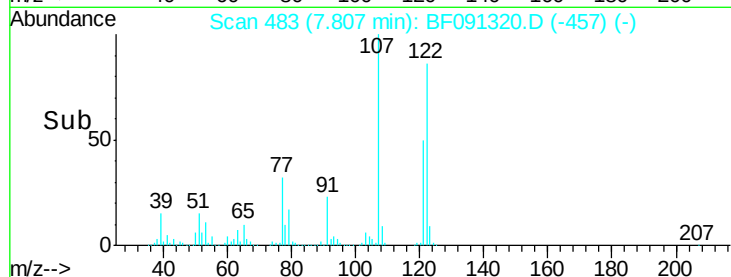
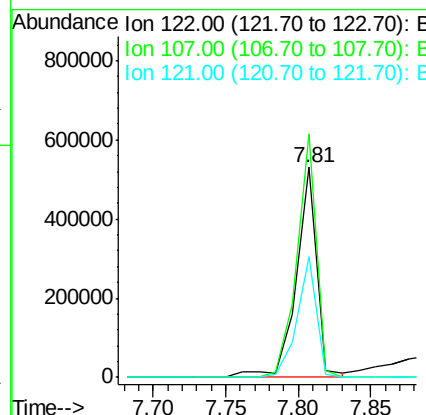
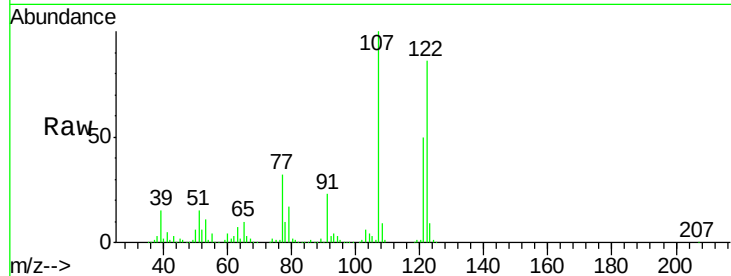
#27
 2,4-Dimethylphenol
 Concen: 51.84 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.0	96.8	145.2
121	57.6	47.7	71.5

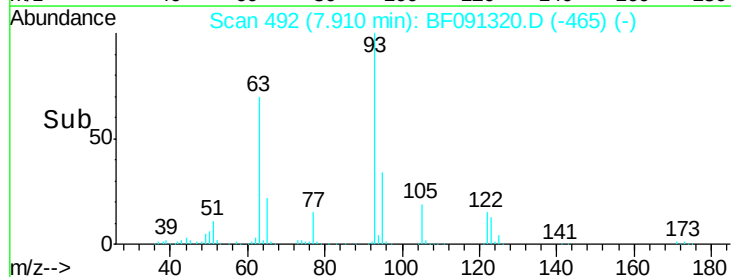
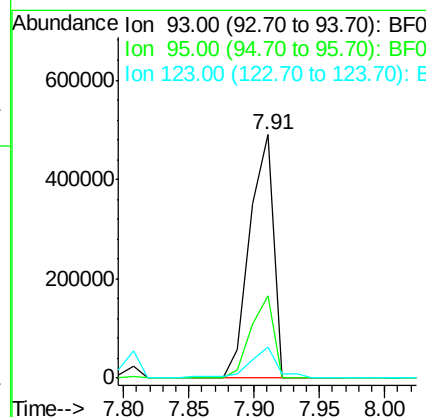
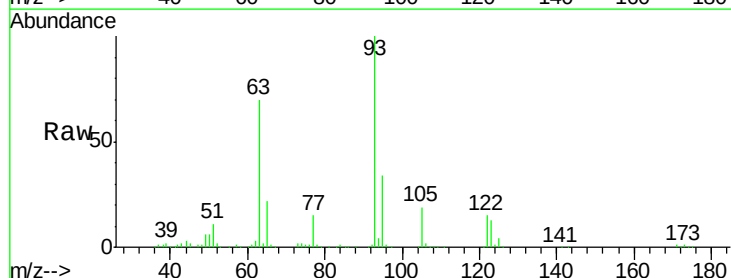
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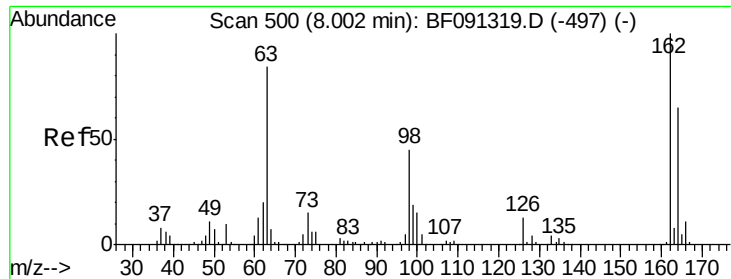
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.50 ng
 RT: 7.91 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.0	39.0
123	13.0	8.6	12.8#





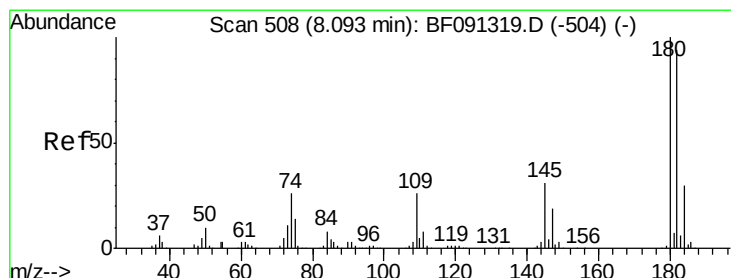
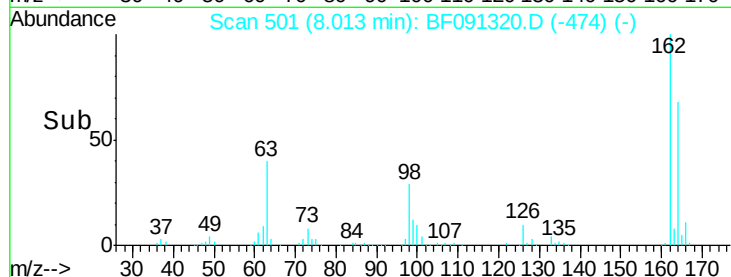
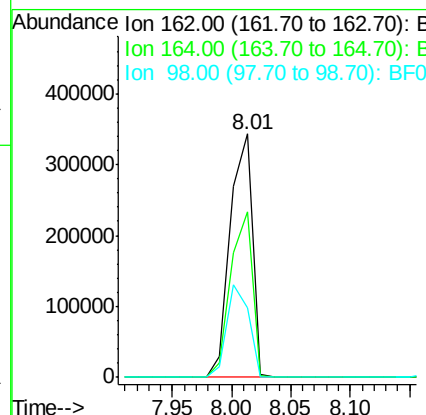
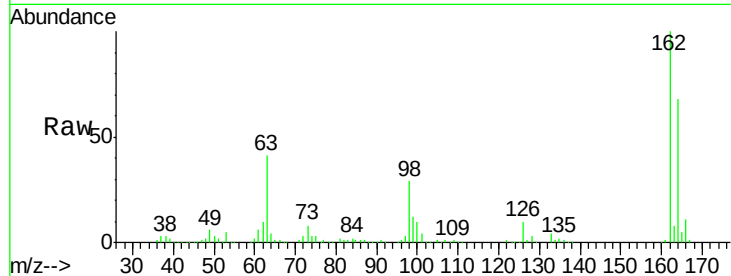
#29
2,4-Dichlorophenol
Concen: 50.42 ng
RT: 8.01 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.2	45.0	85.0
98	28.6	21.3	61.3

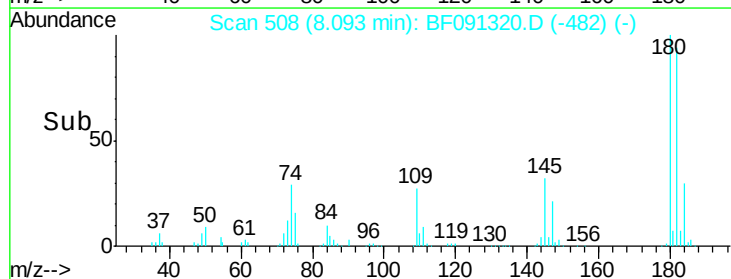
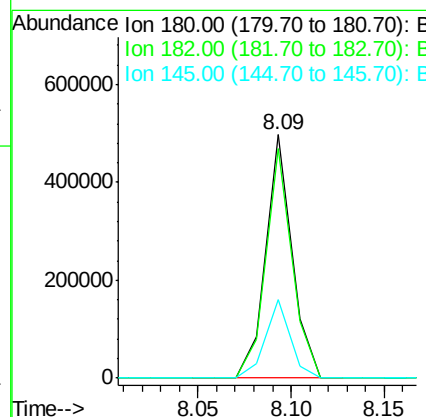
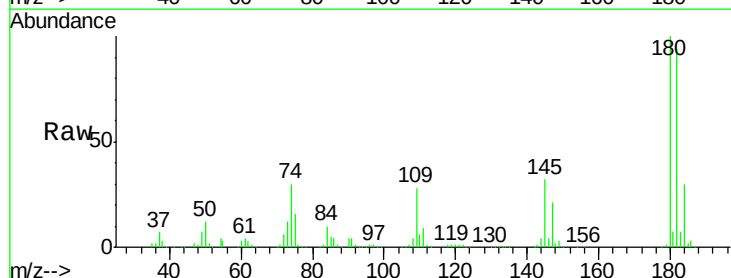
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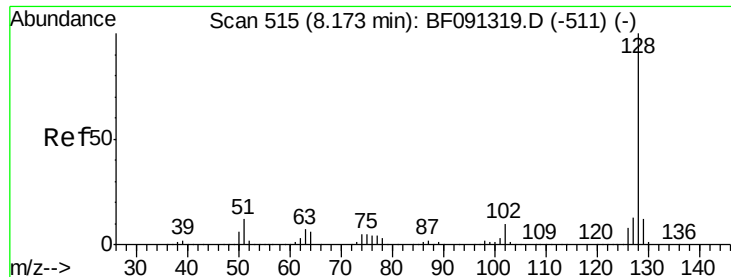
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#30
1,2,4-Trichlorobenzene
Concen: 47.57 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	75.8	113.8
145	32.1	27.0	40.4





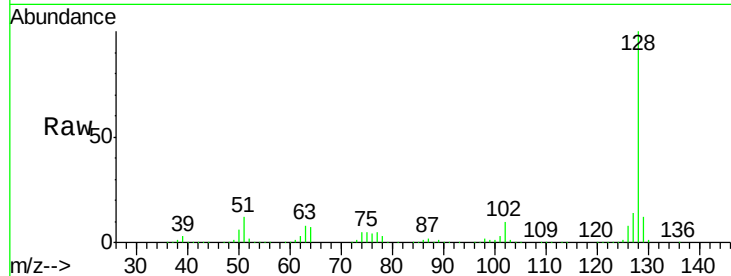
#31
Naphthalene
Concen: 46.63 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

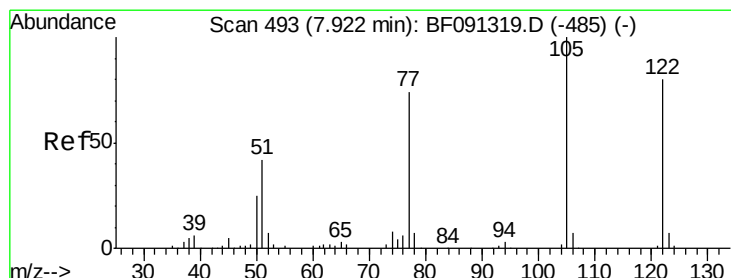
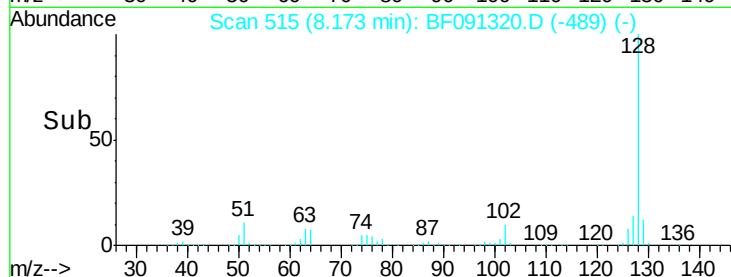
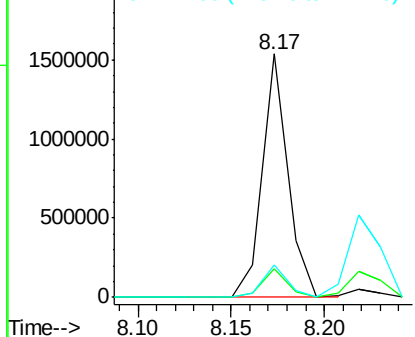
Tgt Ion:128 Resp: 1449664
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.5 11.0 16.4

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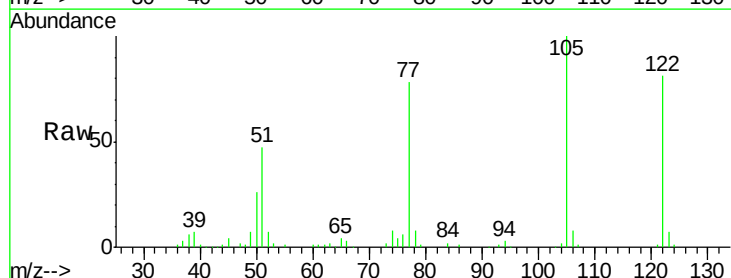


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

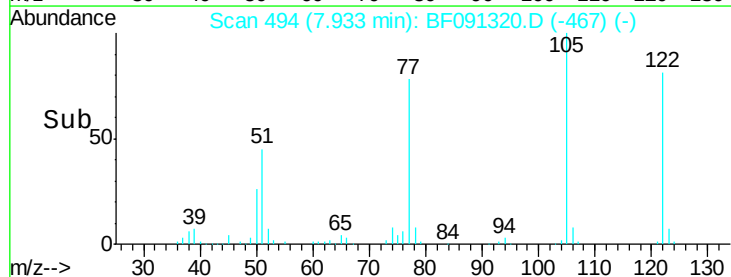
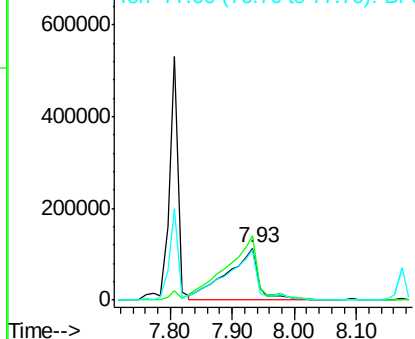


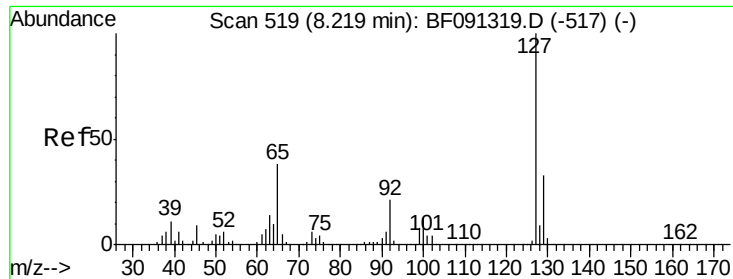
#32
Benzoic acid
Concen: 51.32 ng
RT: 7.93 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion:122 Resp: 404067
Ion Ratio Lower Upper
122 100
105 123.4 113.0 153.0
77 95.7 82.0 122.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





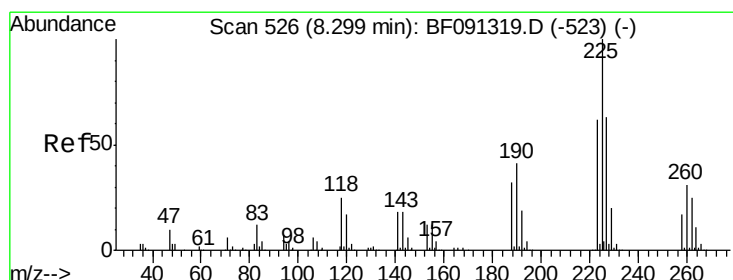
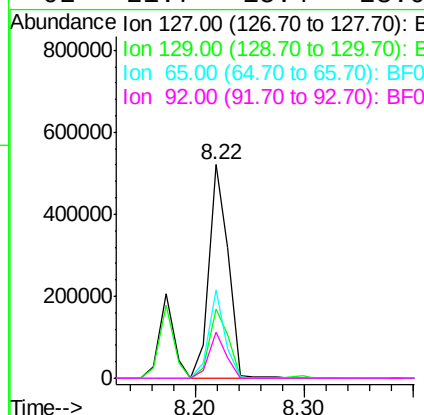
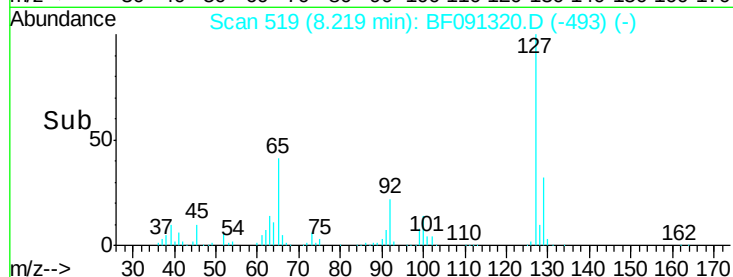
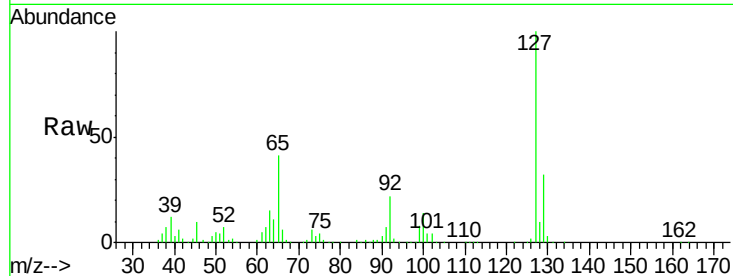
#33
4-Chloroaniline
Concen: 47.59 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.2	39.4	
65	41.5	26.6	39.8	
92	21.7	15.4	23.0	

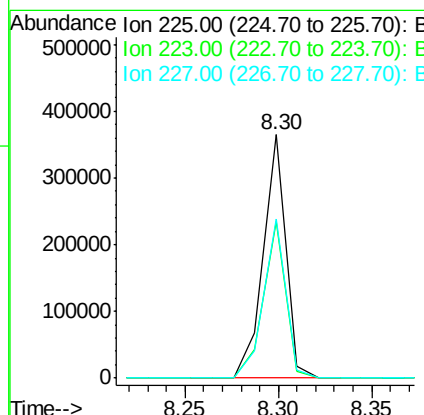
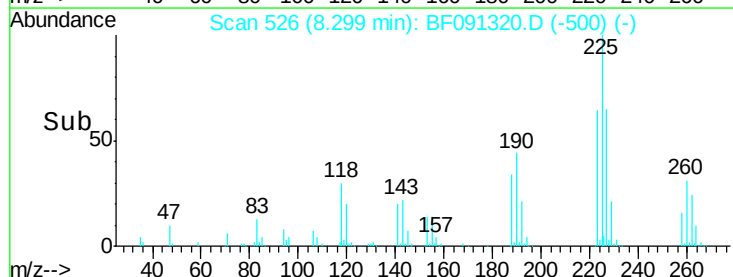
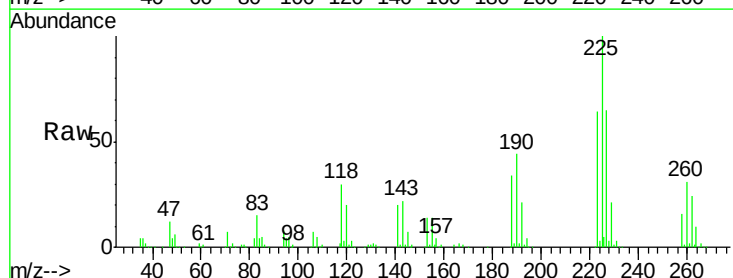
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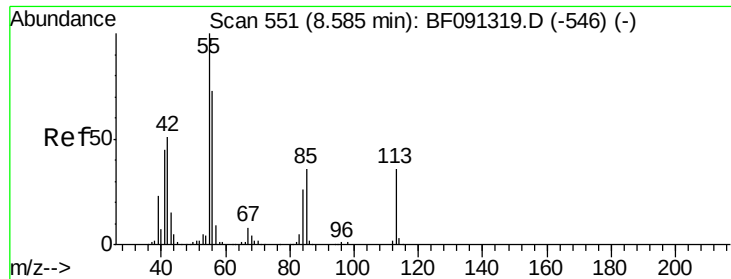
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#34
Hexachlorobutadiene
Concen: 51.42 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	49.8	74.6	
227	65.2	52.6	79.0	





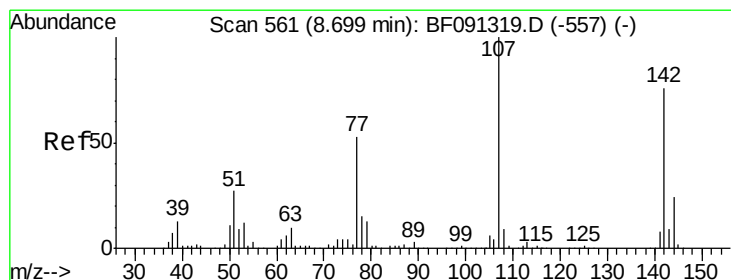
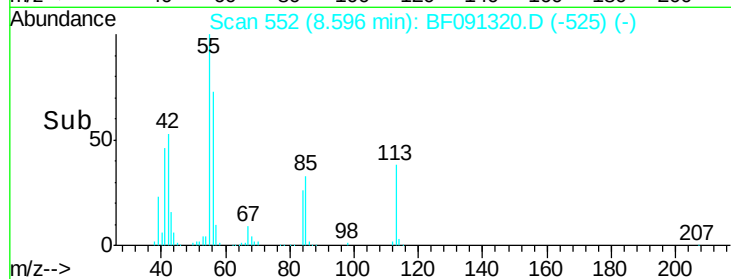
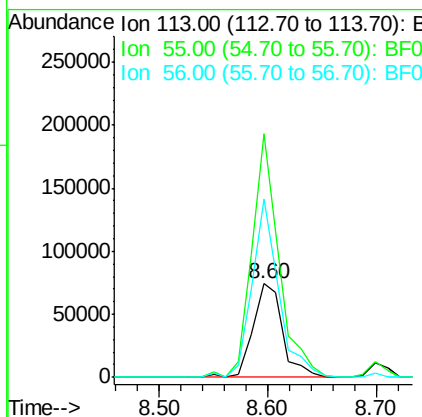
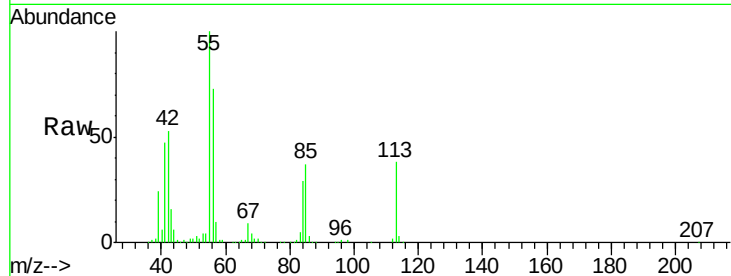
#35
 Caprolactam
 Concen: 51.95 ng
 RT: 8.60 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	141492		
55	260.7	239.8	279.8	
56	191.5	165.6	205.6	

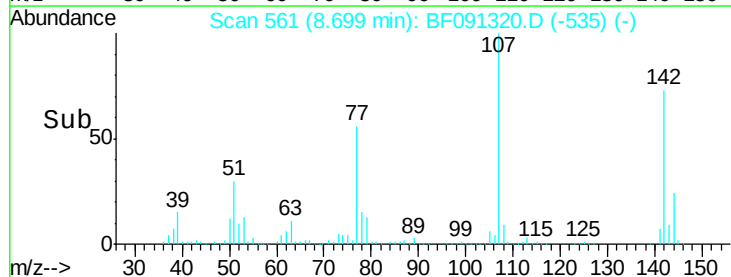
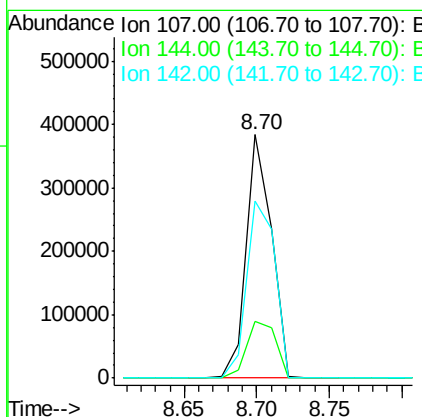
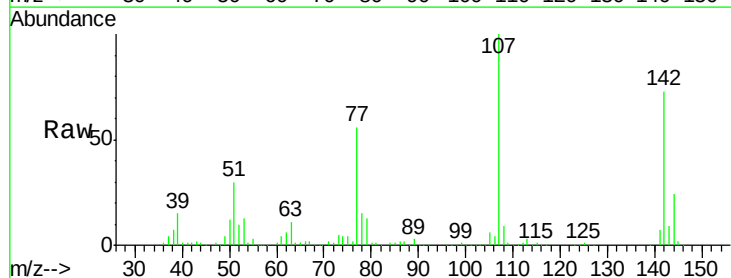
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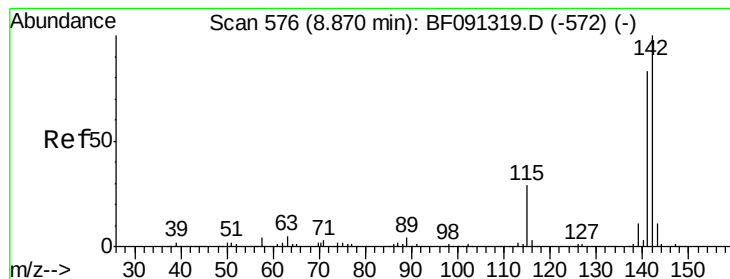
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#36
 4-Chloro-3-methylphenol
 Concen: 48.89 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	464254		
144	23.5	18.9	28.3	
142	72.6	58.5	87.7	





#37

2-Methylnaphthalene

Concen: 50.63 ng

RT: 8.87 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

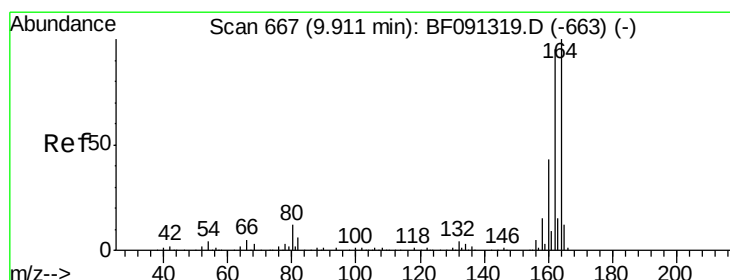
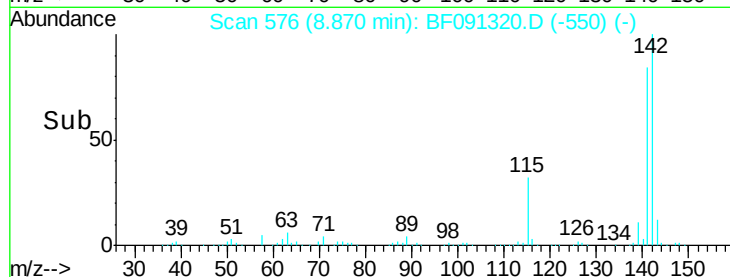
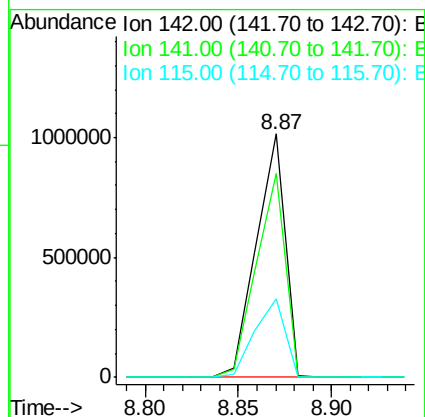
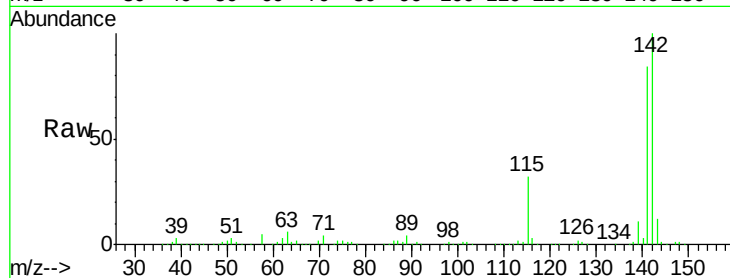
ClientSampleId :

SSTDICC050

Tgt Ion:	142	Resp:	1080167
Ion Ratio	Lower	Upper	
142	100		
141	83.9	71.7	107.5
115	32.0	25.0	37.6

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#38

Acenaphthene-d10

Concen: 20.00 ng

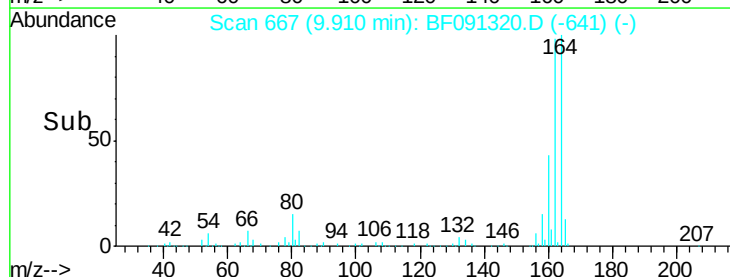
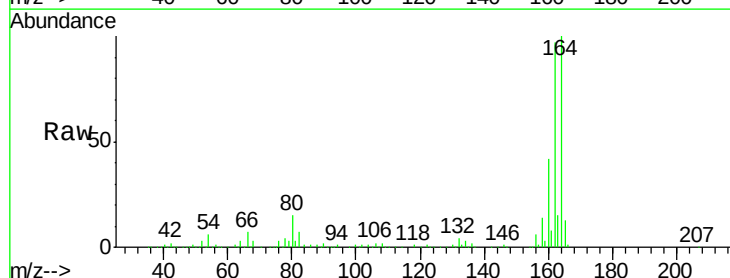
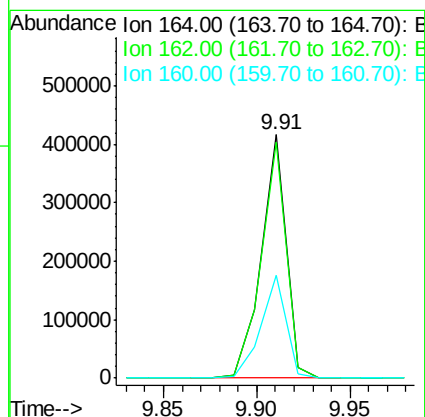
RT: 9.91 min Scan# 667

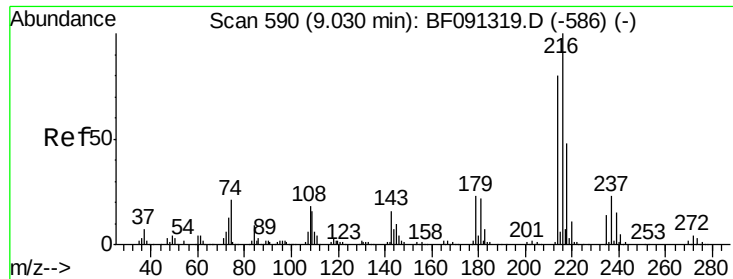
Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Tgt Ion:	164	Resp:	381858
Ion Ratio	Lower	Upper	
164	100		
162	96.9	82.6	124.0
160	42.2	36.7	55.1





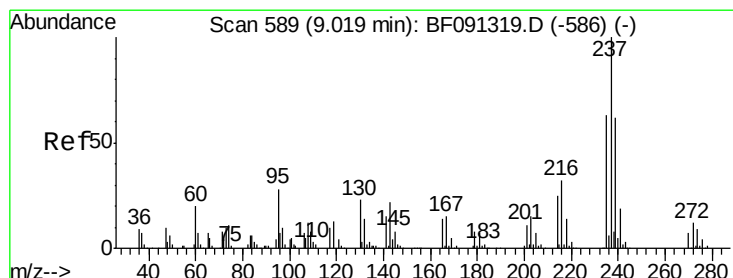
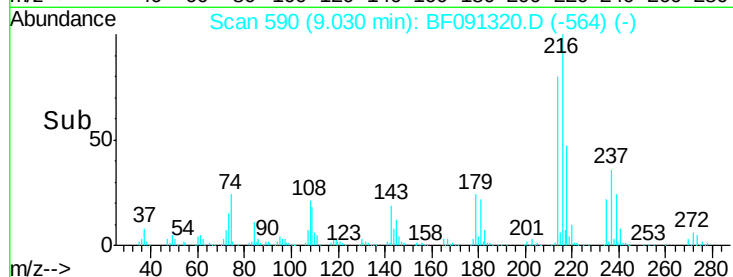
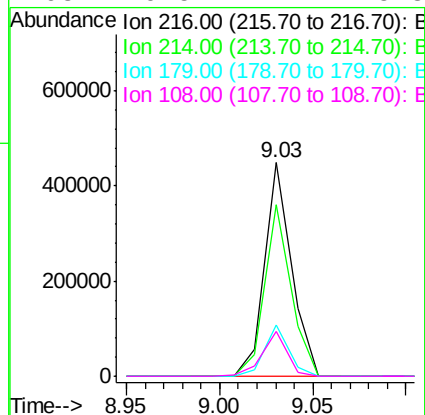
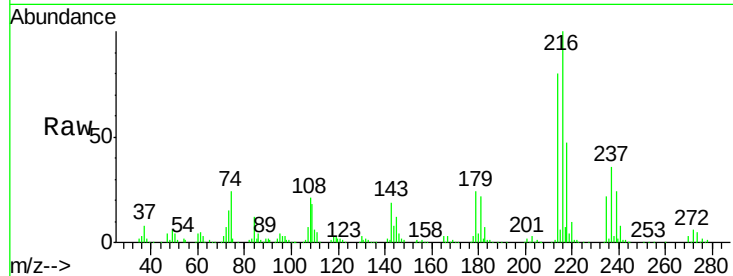
#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.10 ng
RT: 9.03 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:	216	Resp:	445973
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.8	95.8
179	21.5	18.2	27.2
108	19.5	17.2	25.8

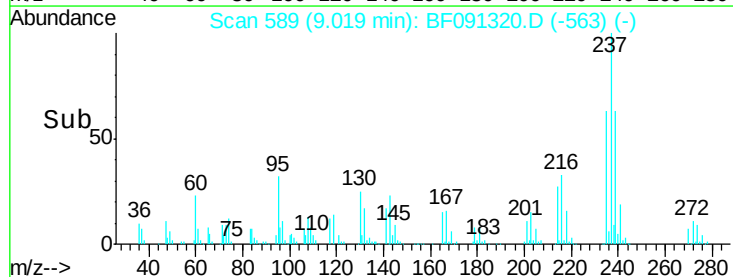
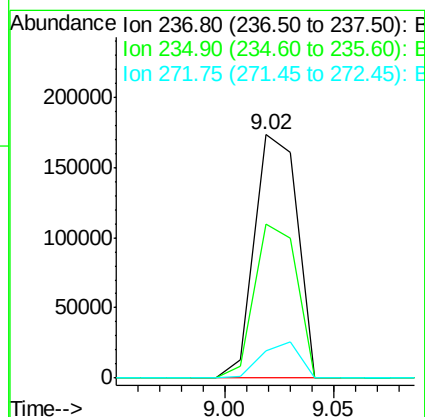
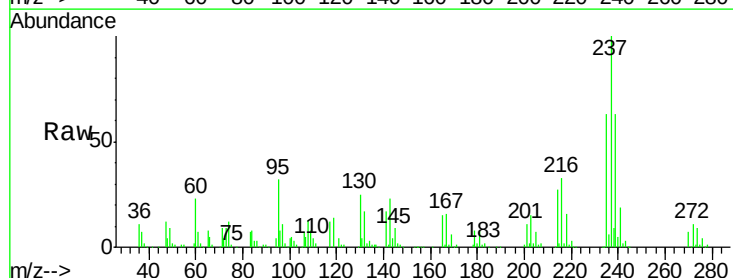
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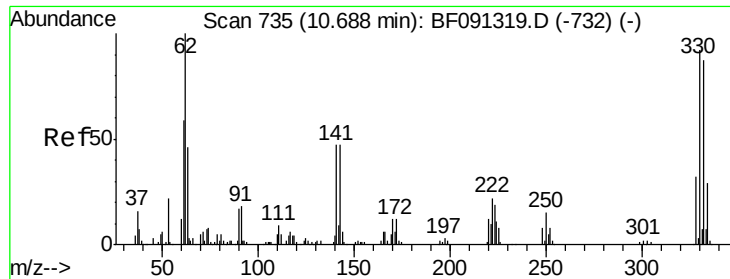
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#40
Hexachlorocyclopentadiene
Concen: 51.37 ng
RT: 9.02 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion:	237	Resp:	237942
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.9	83.9
272	11.1	0.0	33.1





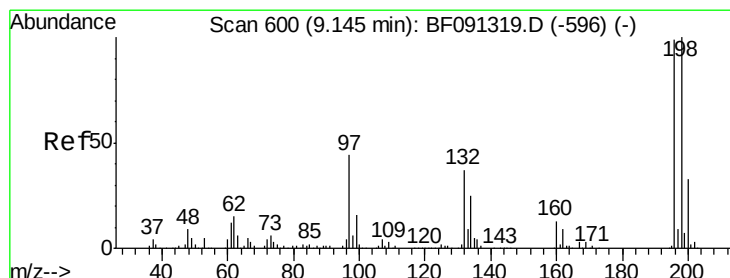
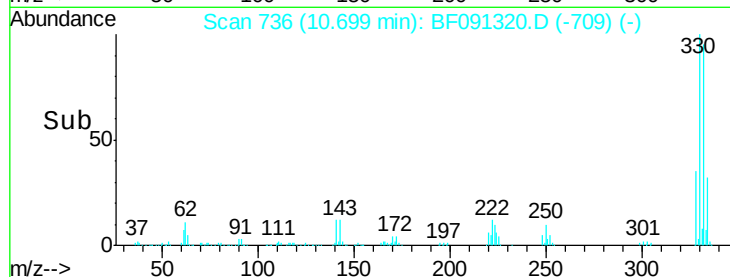
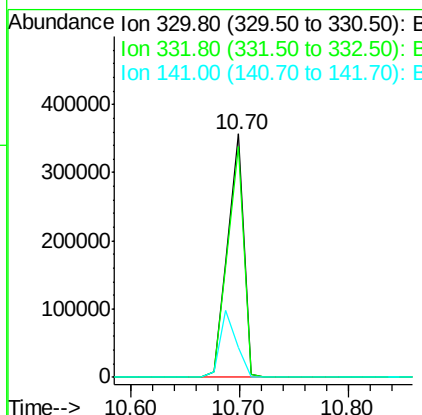
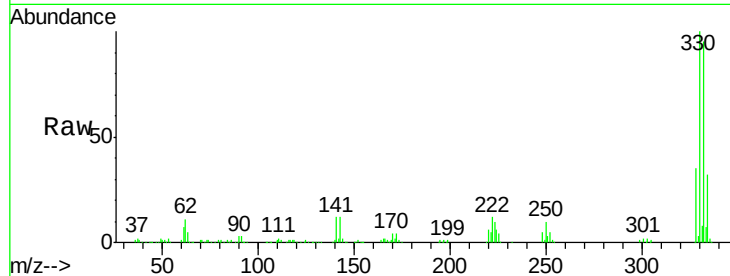
#41
 2,4,6-Tribromophenol
 Concen: 96.47 ng
 RT: 10.70 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	371478		
332	95.4	76.2	114.4	
141	27.9	33.6	50.4#	

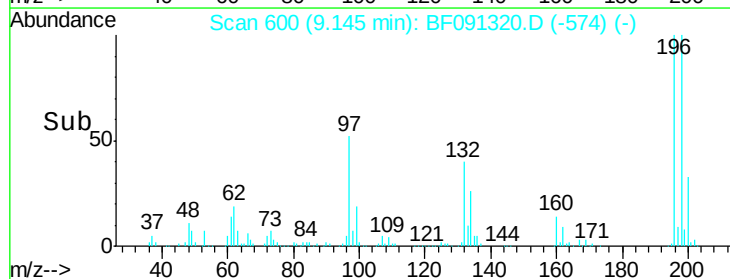
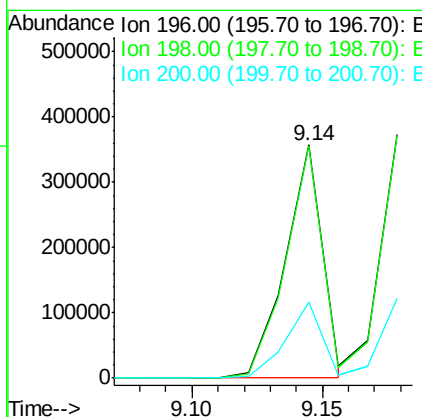
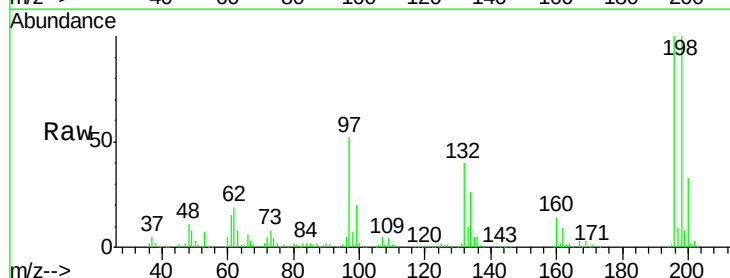
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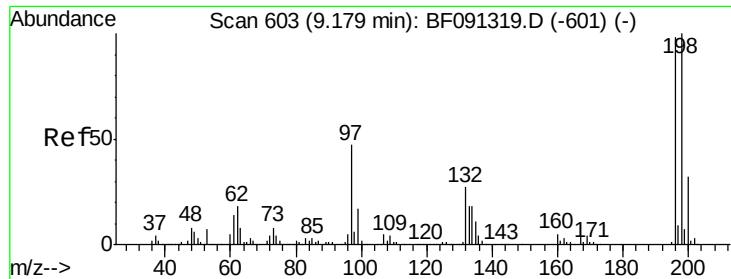
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#42
 2,4,6-Trichlorophenol
 Concen: 48.94 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	349256		
198	99.7	77.4	116.0	
200	32.6	25.2	37.8	





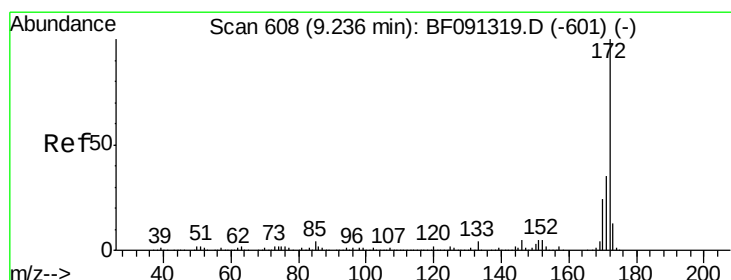
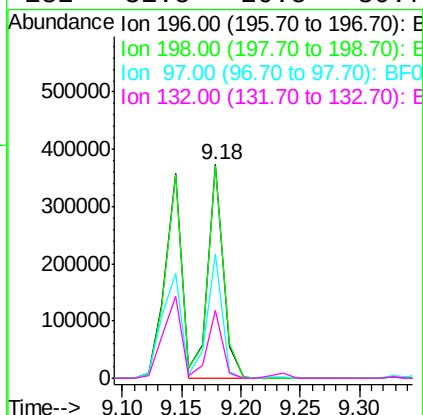
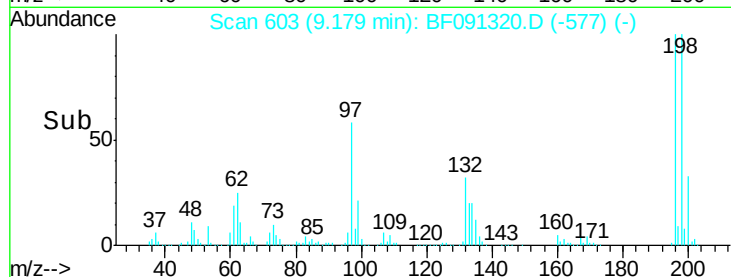
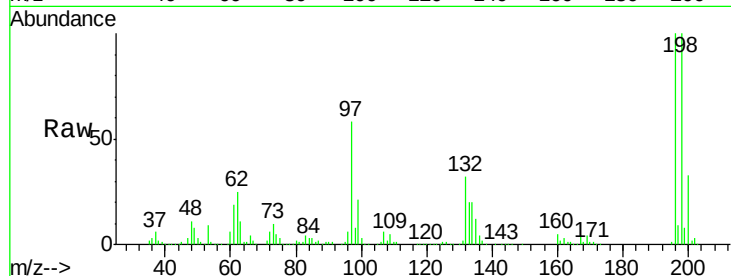
#43
 2,4,5-Trichlorophenol
 Concen: 49.16 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt	Ion	196	Resp:	337058
	Ion	Ratio	Lower	Upper
	196	100		
	198	99.5	77.0	115.6
	97	58.1	33.5	50.3#
	132	31.5	20.5	30.7#

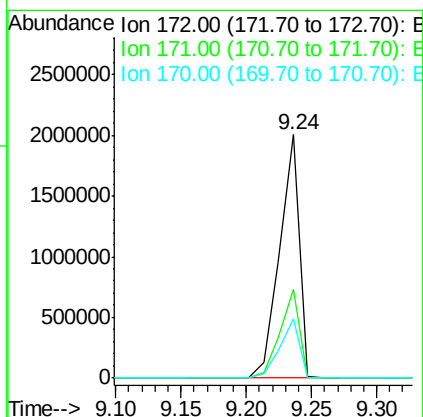
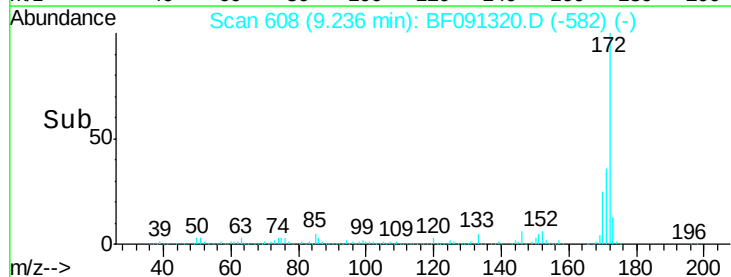
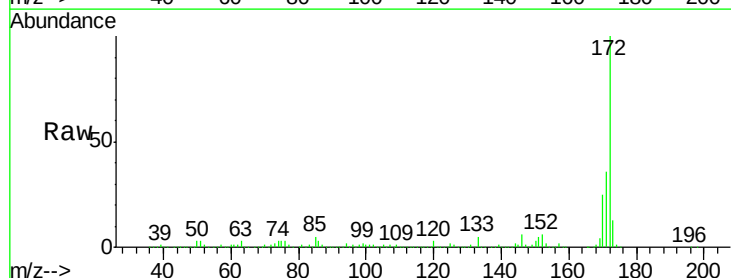
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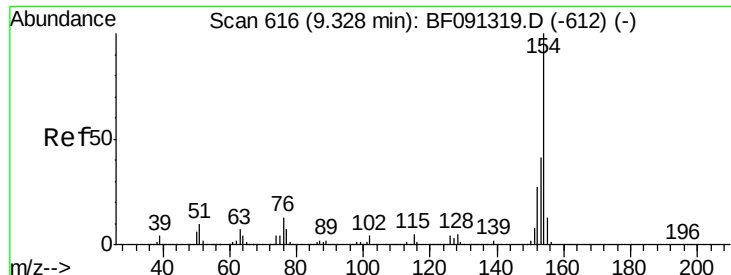
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#44
 2-Fluorobiphenyl
 Concen: 91.30 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt	Ion	172	Resp:	2129089
	Ion	Ratio	Lower	Upper
	172	100		
	171	36.3	29.4	44.0
	170	24.5	19.7	29.5





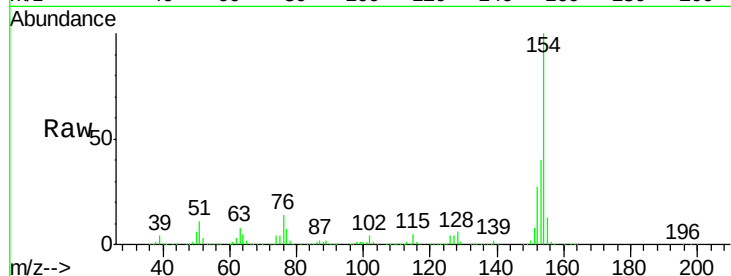
#45
1,1'-Biphenyl
Concen: 44.09 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

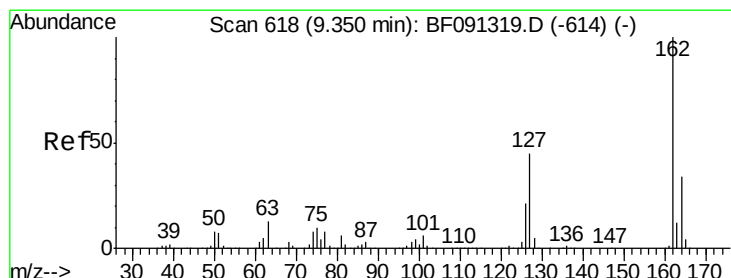
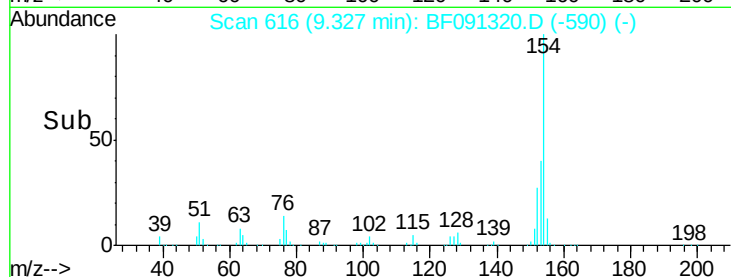
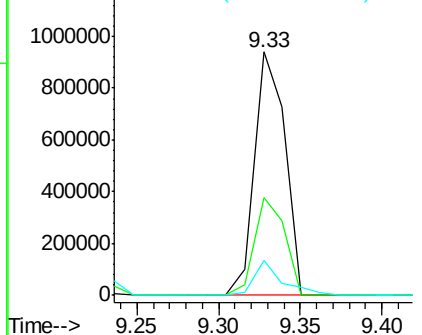
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.6	60.6
76	14.2	0.0	36.6

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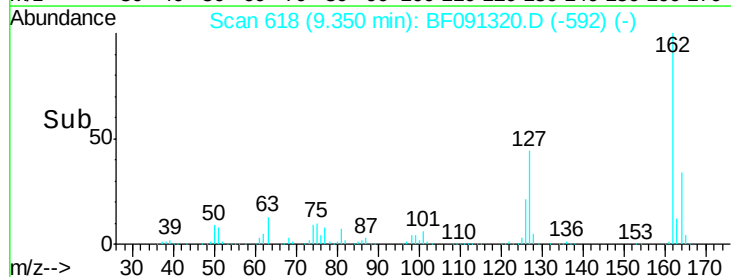
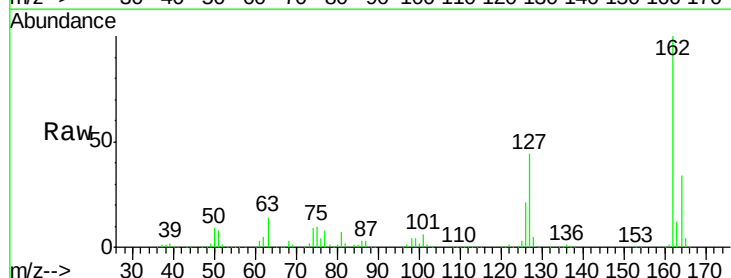
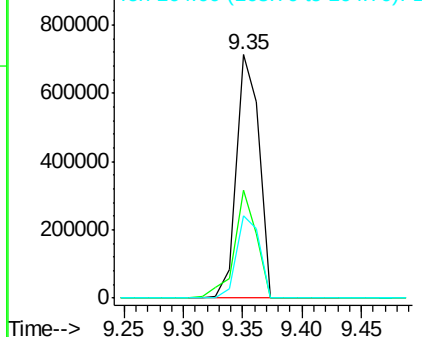
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

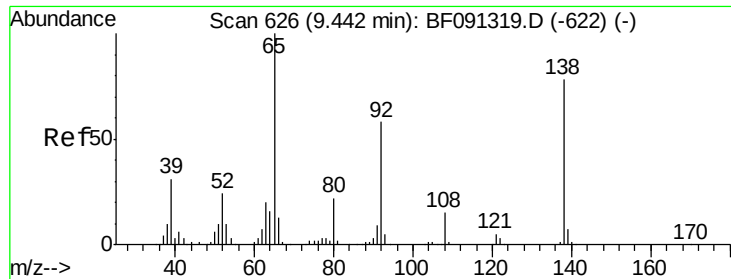


#46
2-Chloronaphthalene
Concen: 46.82 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.4	34.3	51.5
164	33.6	26.6	40.0

Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.32 ng

RT: 9.44 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 65 Resp: 344329
Ion Ratio Lower Upper

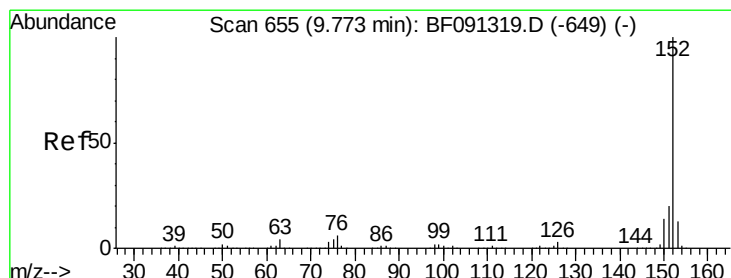
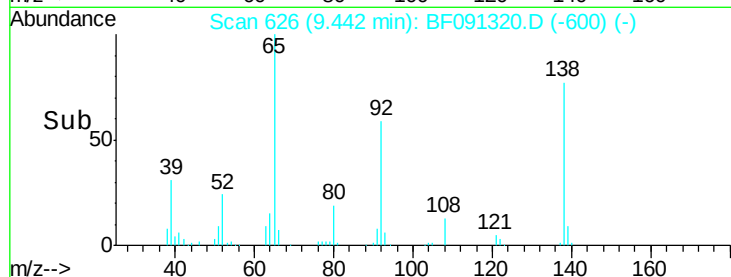
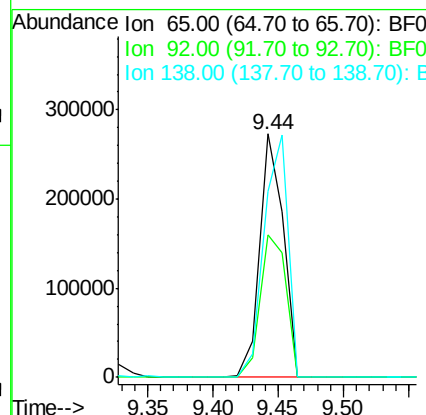
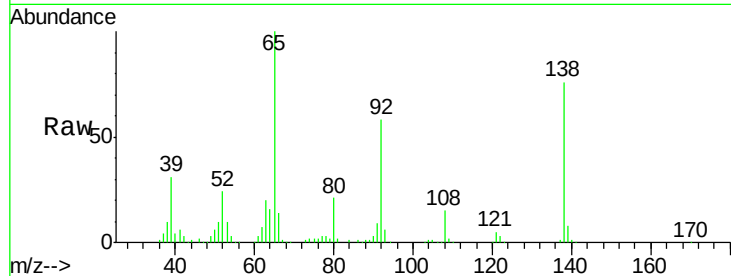
65 100

92 58.4 53.6 80.4

138 76.1 91.0 136.6#

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#48

Acenaphthylene

Concen: 50.43 ng

RT: 9.77 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF091320.D

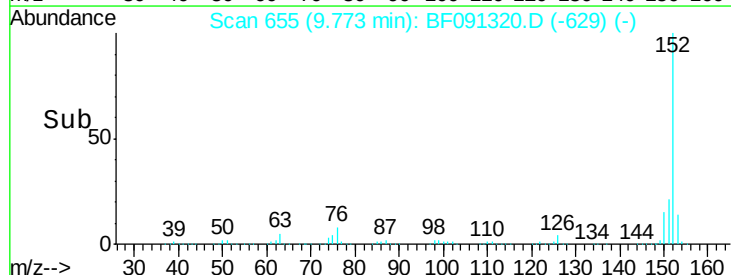
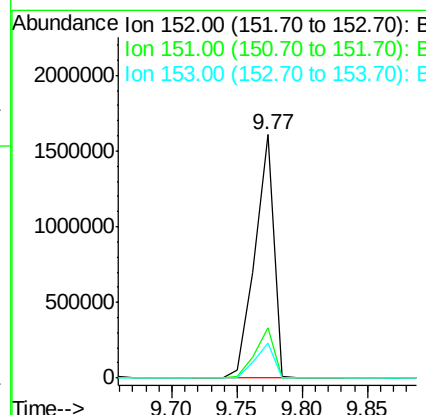
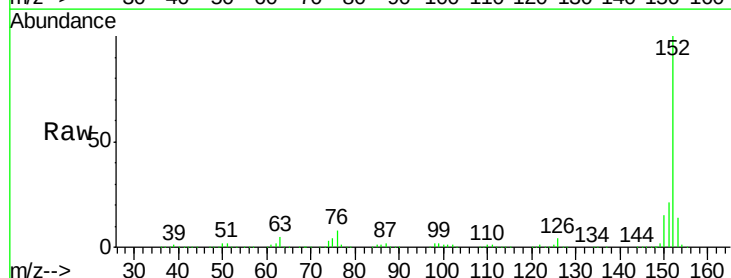
Acq: 29 Nov 2016 11:53

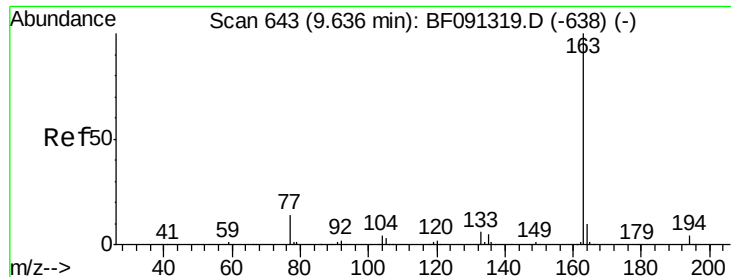
Tgt Ion: 152 Resp: 1629852
Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

153 14.2 10.7 16.1





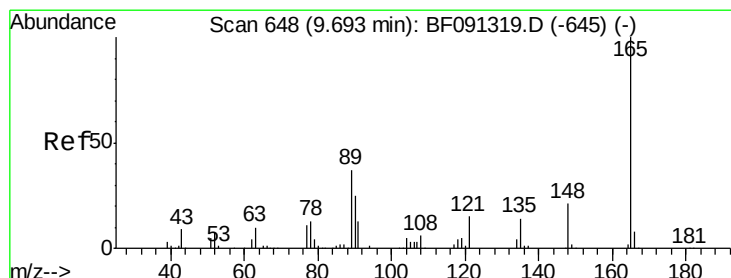
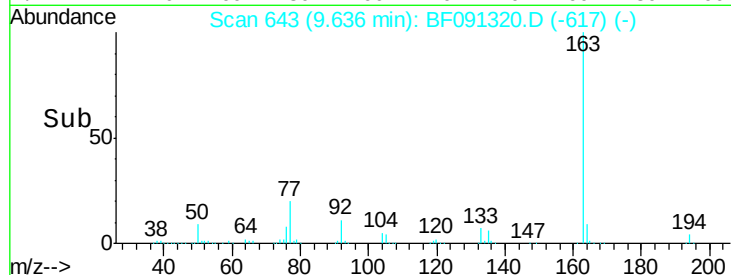
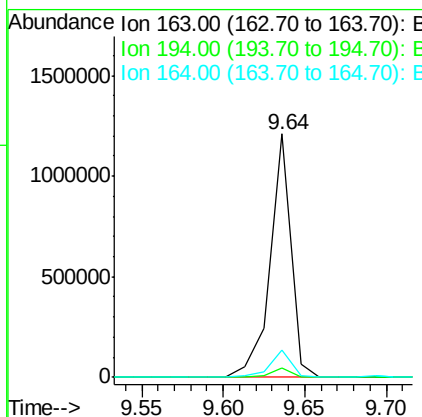
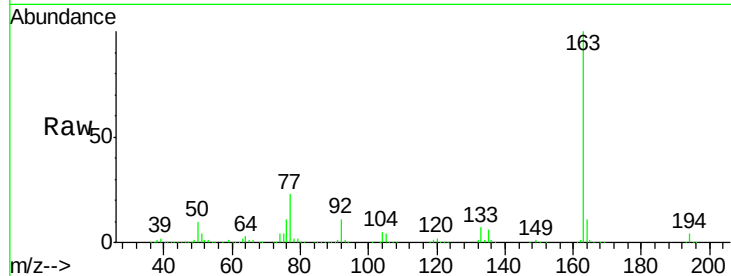
#49
Dimethylphthalate
Concen: 45.19 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:163 Resp: 1077524
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 11.0 7.8 11.8

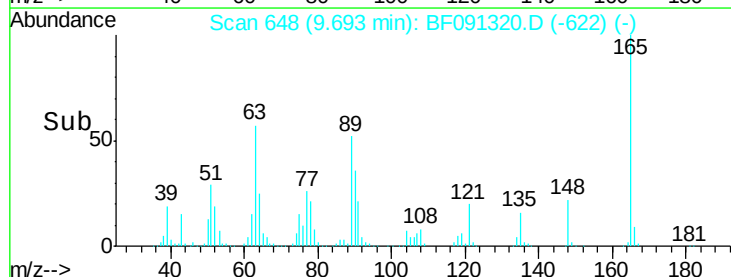
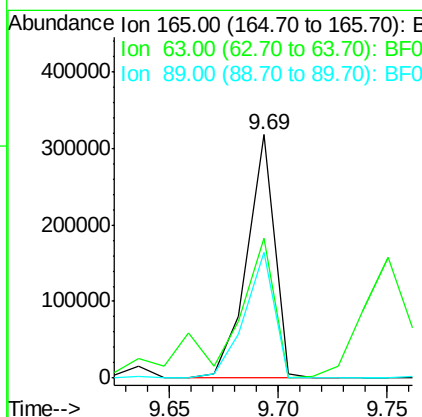
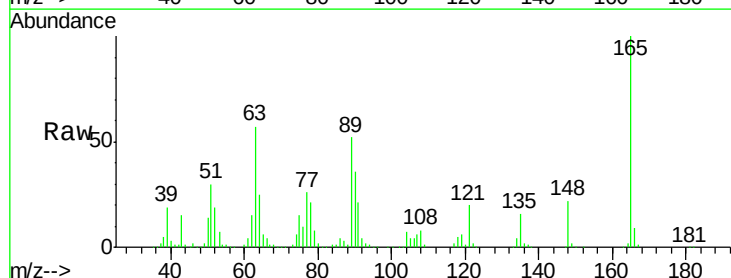
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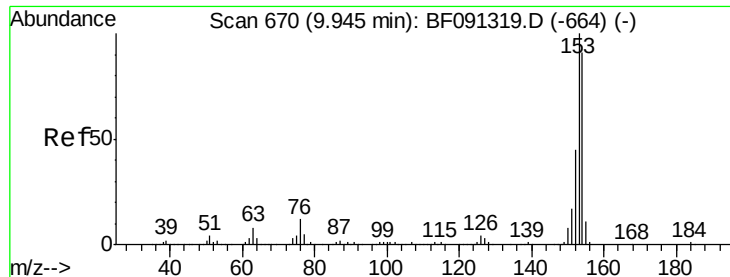
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#50
2,6-Dinitrotoluene
Concen: 54.04 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion:165 Resp: 281425
Ion Ratio Lower Upper
165 100
63 57.4 59.4 89.0#
89 51.8 50.8 76.2





#51

Acenaphthene

Concen: 48.45 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:154 Resp: 1065693

Ion Ratio Lower Upper

154 100

153 110.8 91.0 136.6

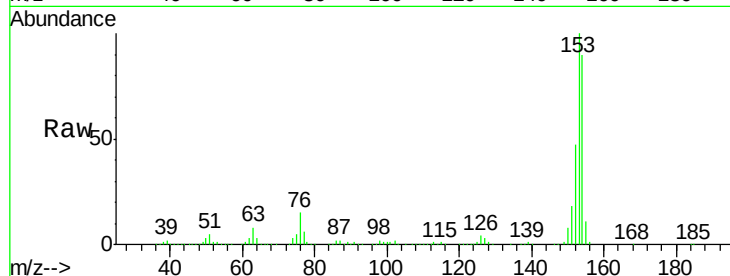
152 52.0 44.2 66.2

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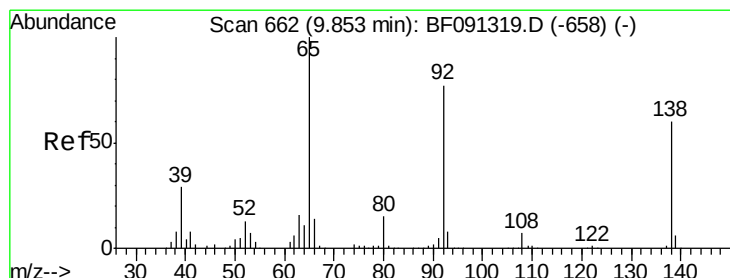
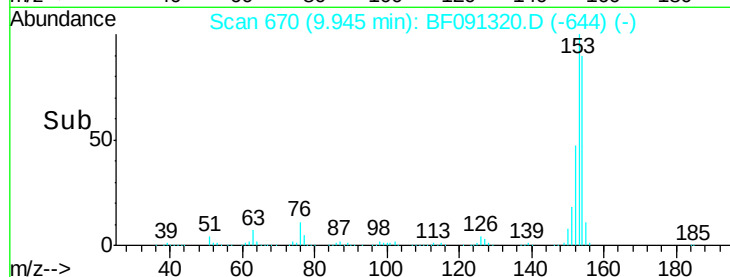
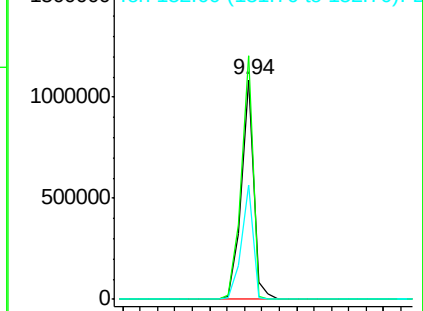
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 56.19 ng

RT: 9.86 min Scan# 663

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

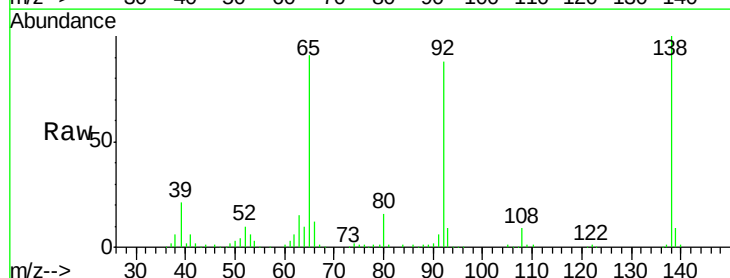
Tgt Ion:138 Resp: 314643

Ion Ratio Lower Upper

138 100

108 9.0 8.1 12.1

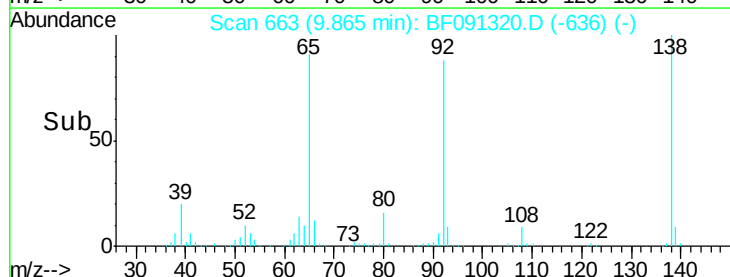
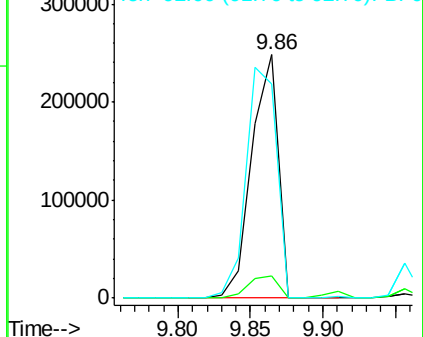
92 88.1 92.5 138.7#

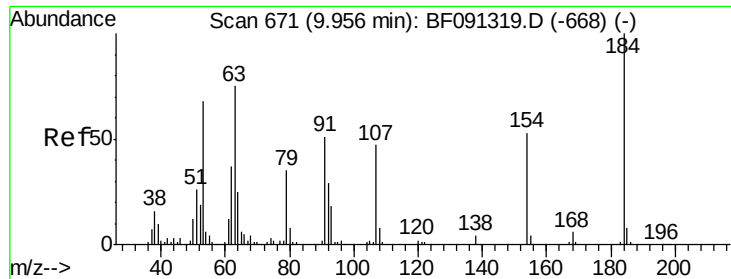


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





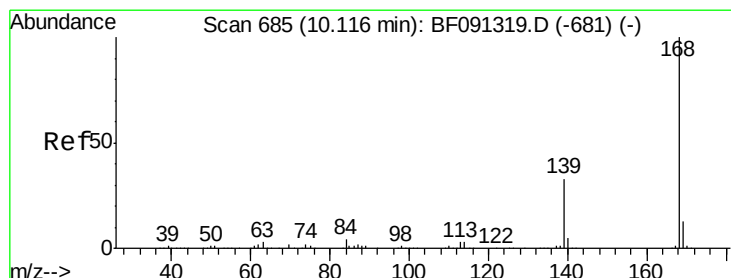
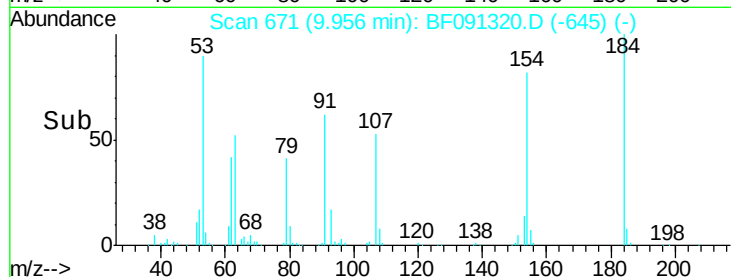
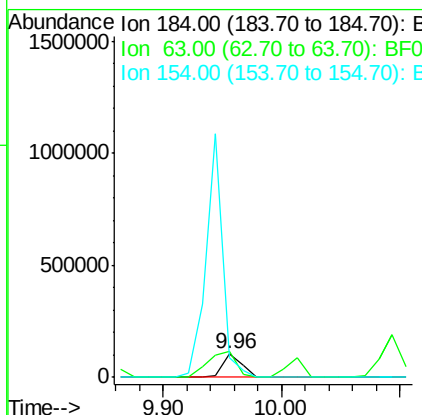
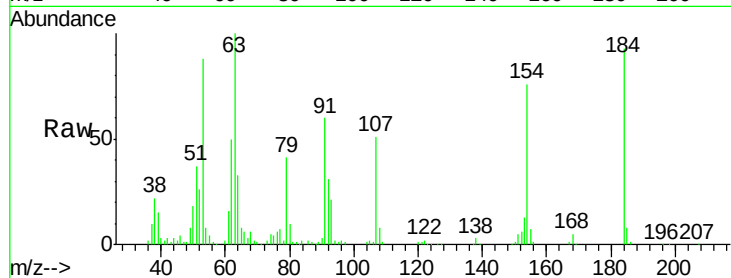
#53
 2,4-Dinitrophenol
 Concen: 62.00 ng
 RT: 9.96 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	117123		
63	107.8	58.3	87.5#	
154	81.9	48.6	73.0#	

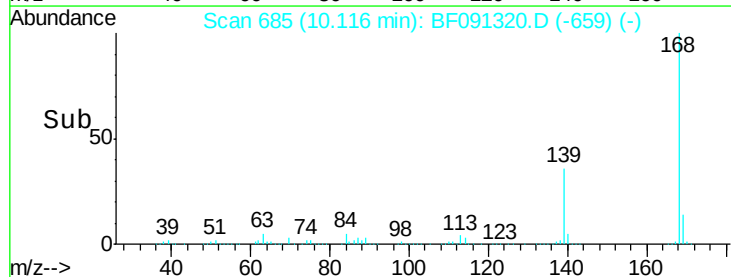
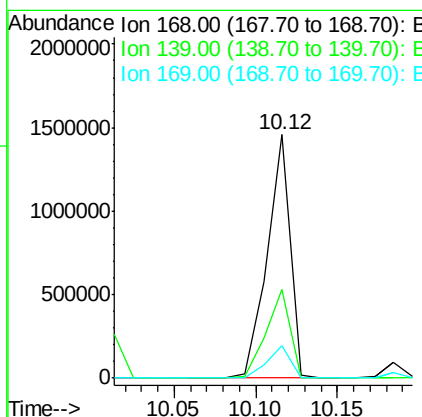
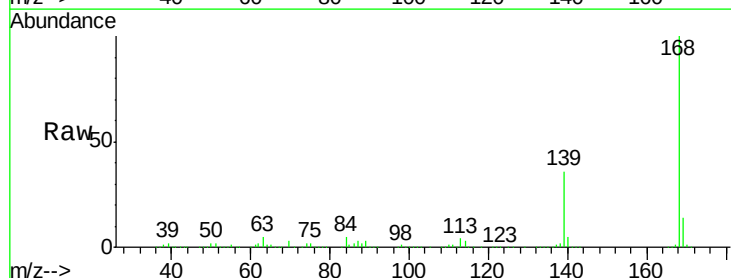
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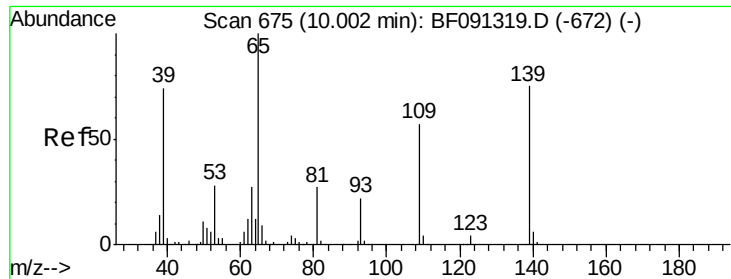
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#54
 Dibenzofuran
 Concen: 46.04 ng
 RT: 10.12 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1424537		
139	36.4	33.4	50.2	
169	13.6	11.1	16.7	





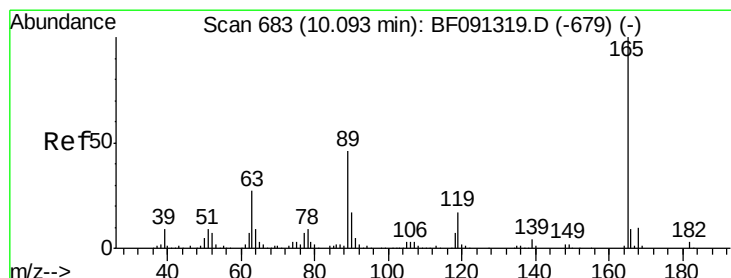
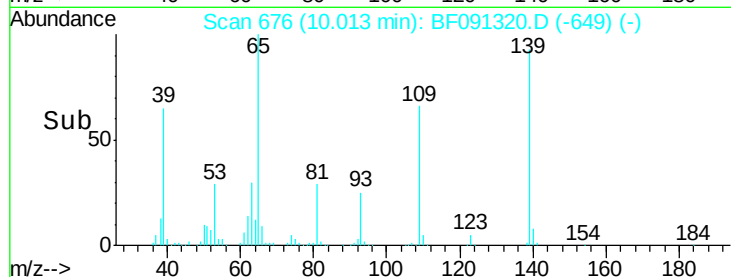
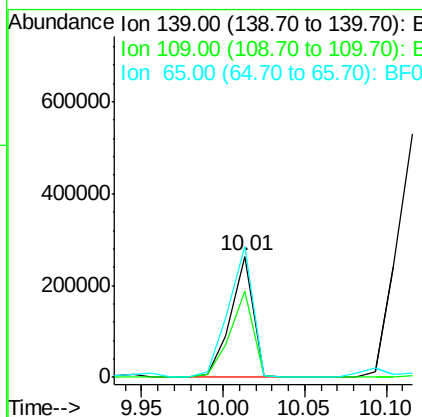
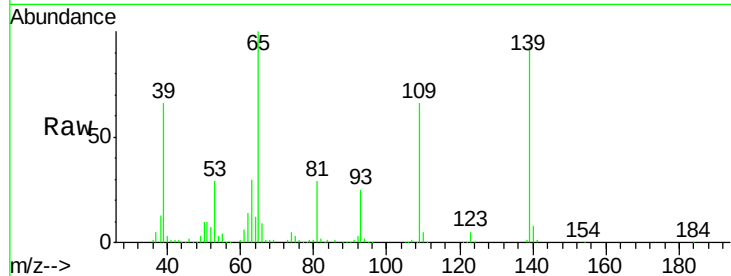
#55
4-Nitrophenol
Concen: 62.21 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.8	54.9	94.9
65	107.8	102.2	142.2

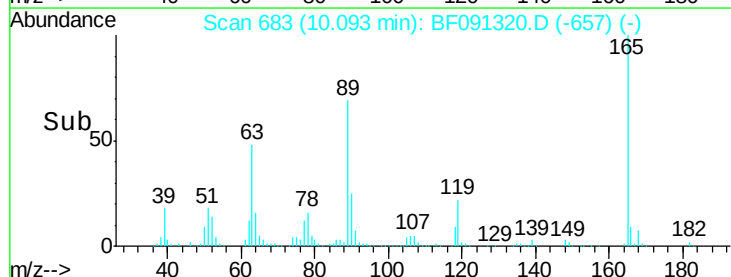
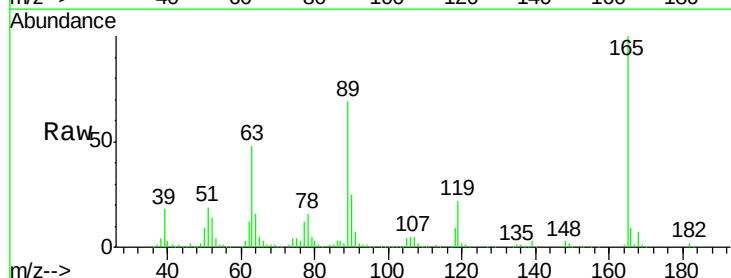
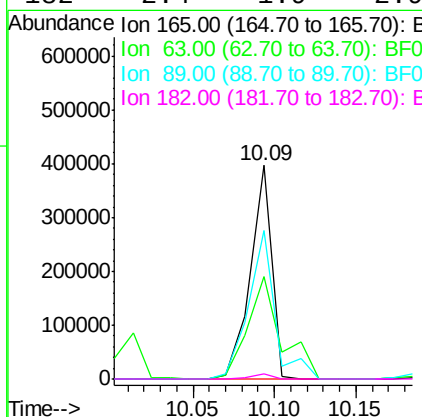
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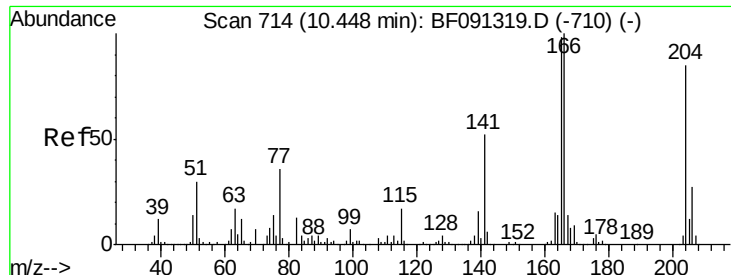
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#56
2,4-Dinitrotoluene
Concen: 54.84 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.1	29.0	43.4#
89	69.4	43.1	64.7#
182	2.4	1.9	2.9





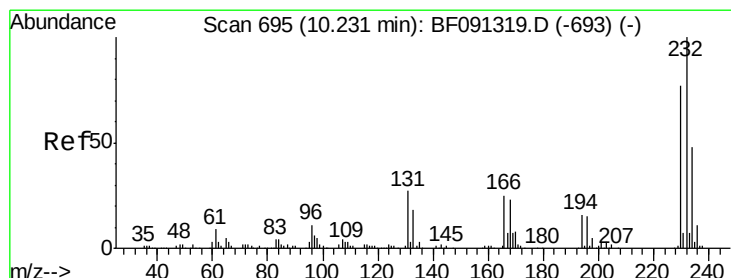
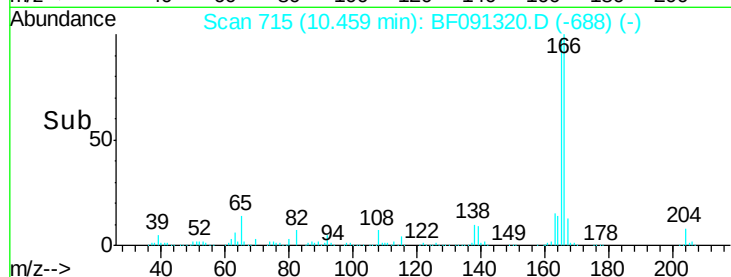
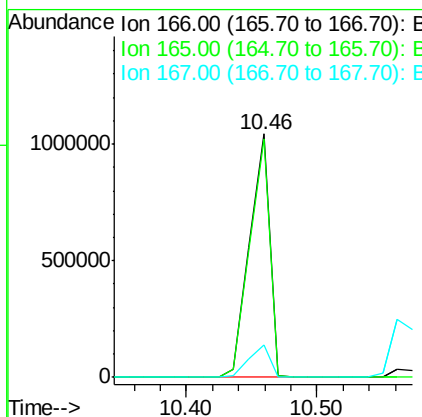
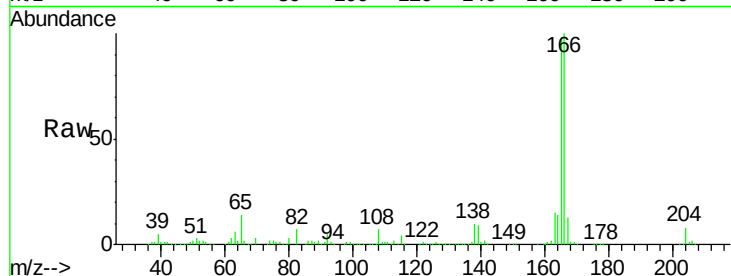
#57
Fluorene
 Concen: 47.45 ng
 RT: 10.46 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.0	120.0
167	13.2	10.8	16.2

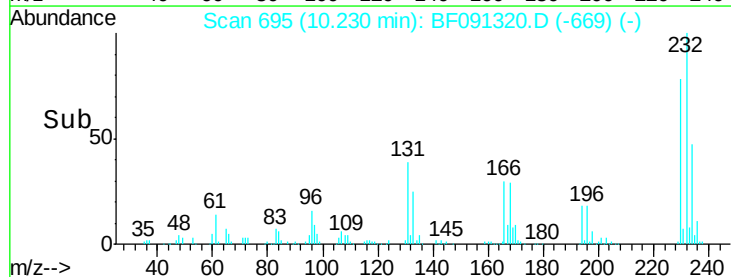
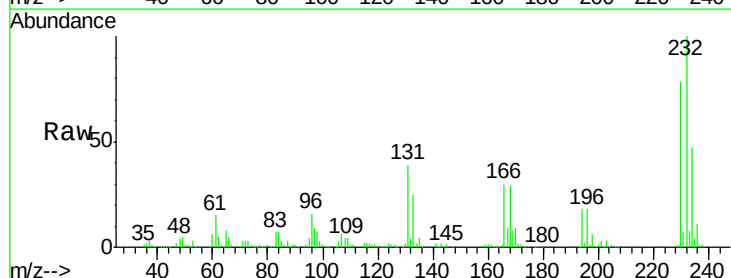
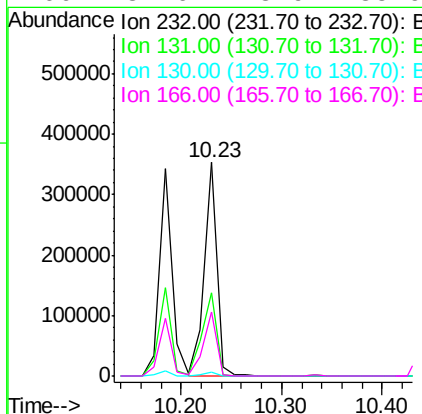
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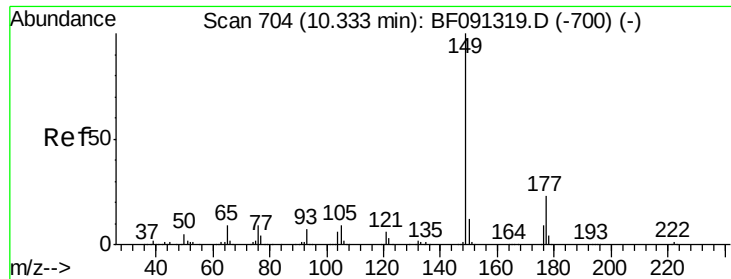
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.24 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.1	38.4	57.6
130	2.1	1.8	2.8
166	31.6	23.9	35.9





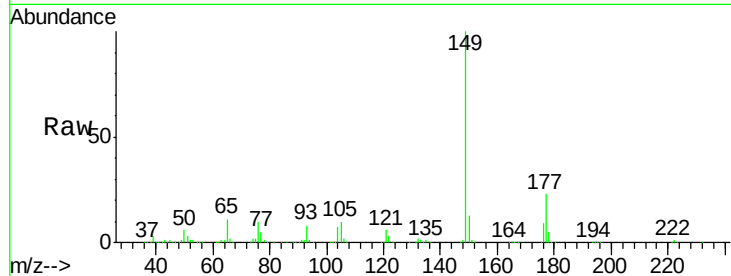
#59
Diethylphthalate
Concen: 45.22 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

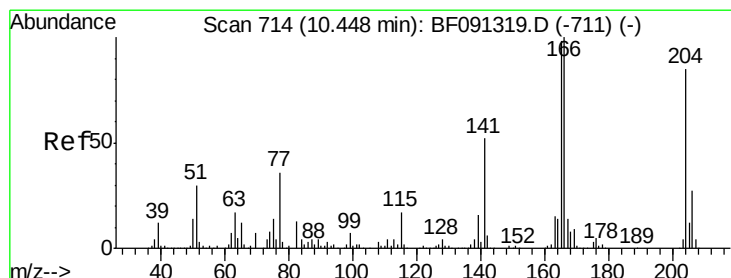
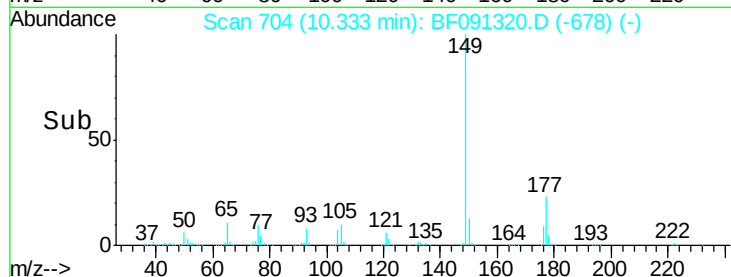
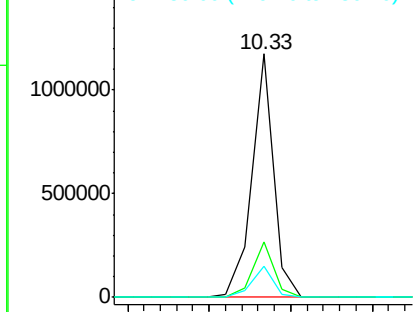
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	15.7	23.5
150	12.8	10.2	15.2

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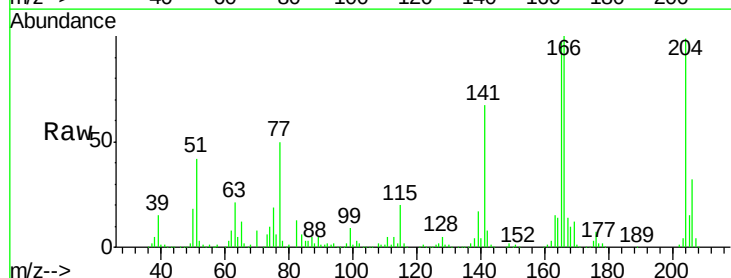


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

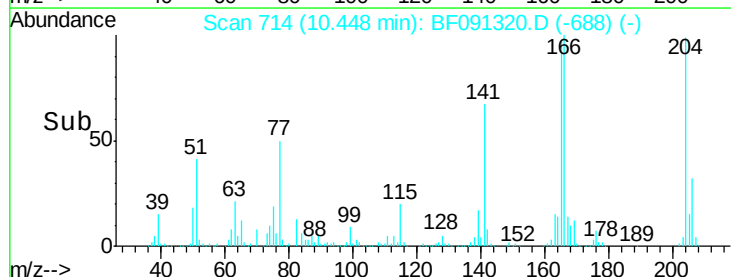
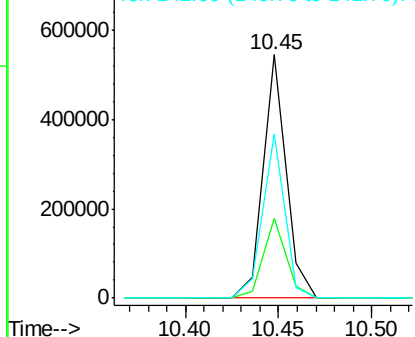


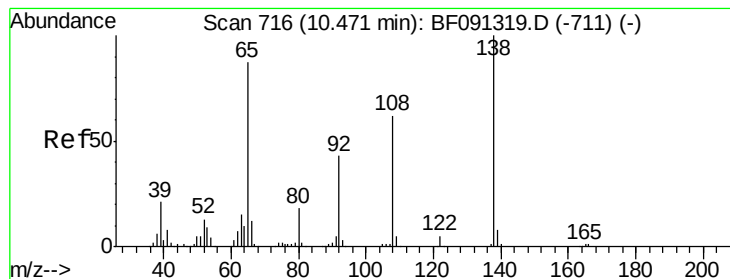
#60
4-Chlorophenyl-phenylether
Concen: 42.27 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.1	39.1
141	67.6	40.6	61.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





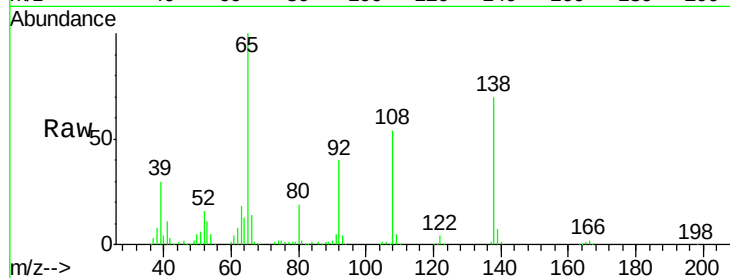
#61
4-Nitroaniline
Concen: 49.58 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	26.9	66.9
108	76.2	49.1	89.1

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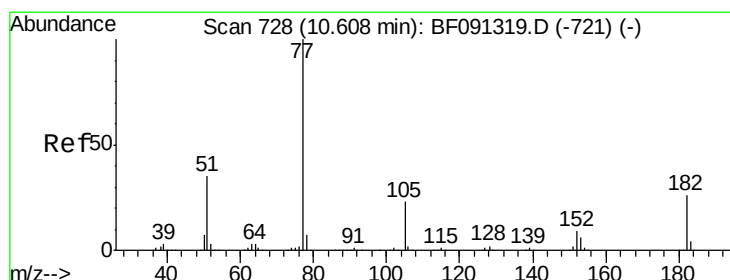
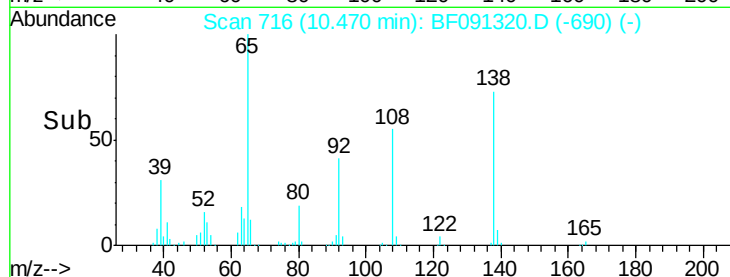
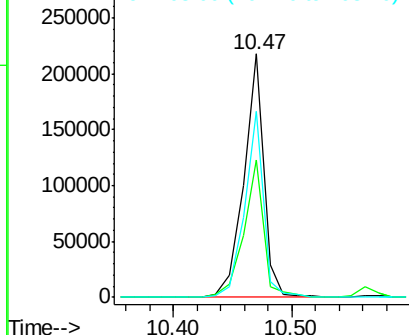


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 47.71 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	12.5	52.5
105	22.0	3.7	43.7
51	36.9	11.9	51.9

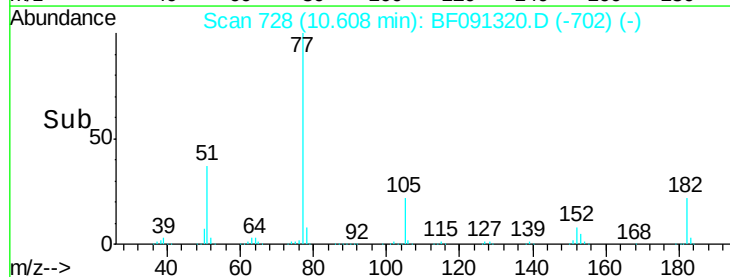
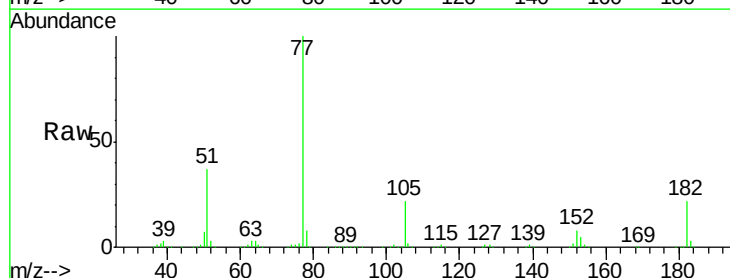
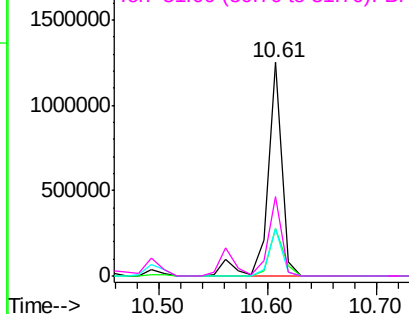
Abundance

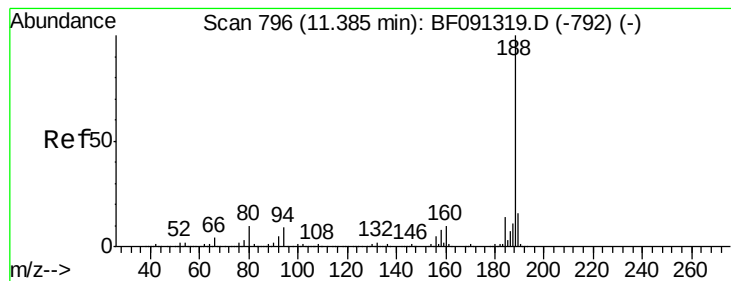
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

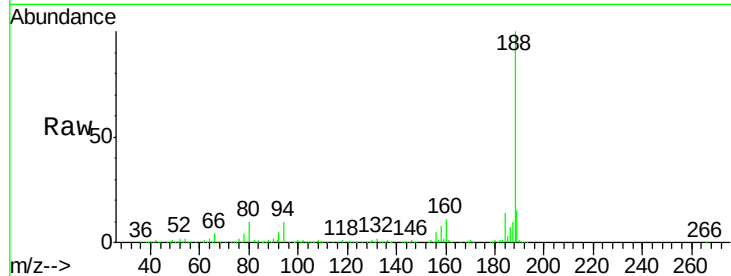
ClientSampleId :

SSTDIC050

Tgt	Ion	188	Resp:	634683
Ion	Ratio	100	Lower	Upper
188	100			
94	9.9	9.2	13.8	
80	10.5	10.5	15.7#	

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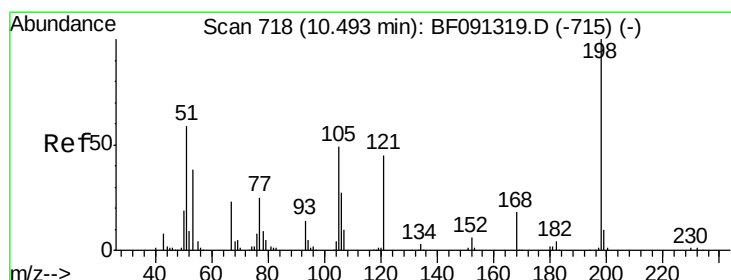
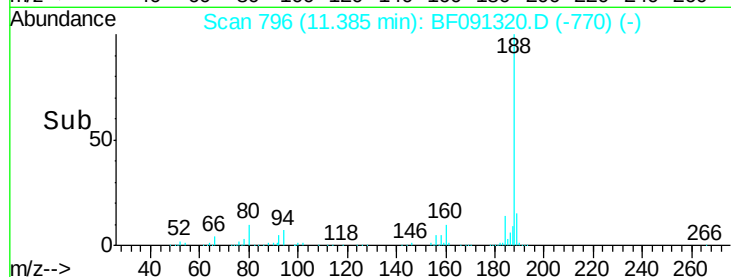
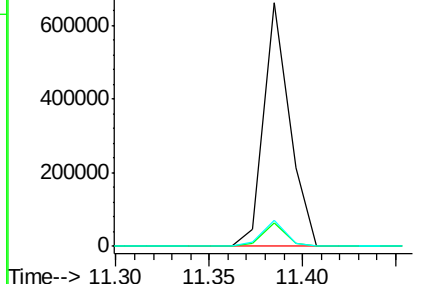
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 68.43 ng

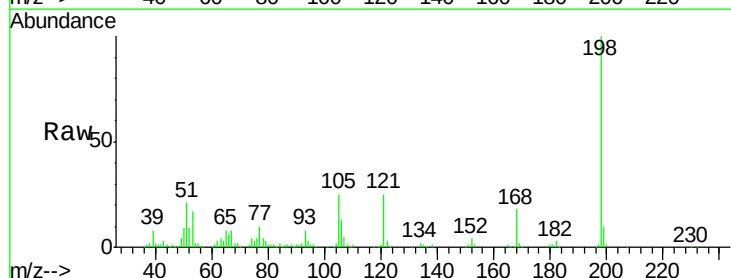
RT: 10.50 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

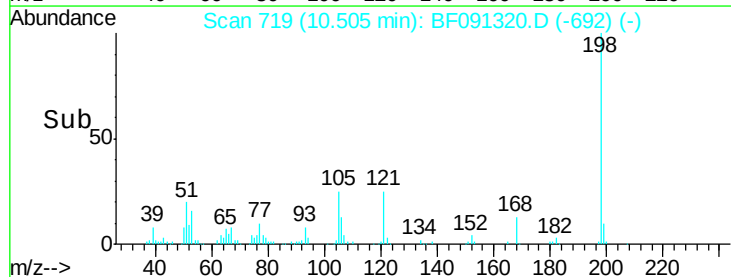
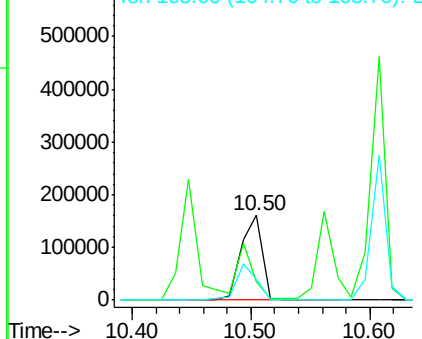
Tgt	Ion	198	Resp:	196965
Ion	Ratio	100	Lower	Upper
198	100			
51	21.3	77.1	117.1#	
105	25.0	44.8	84.8#	

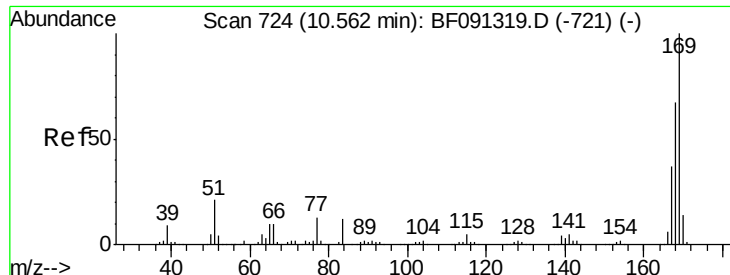


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.08 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

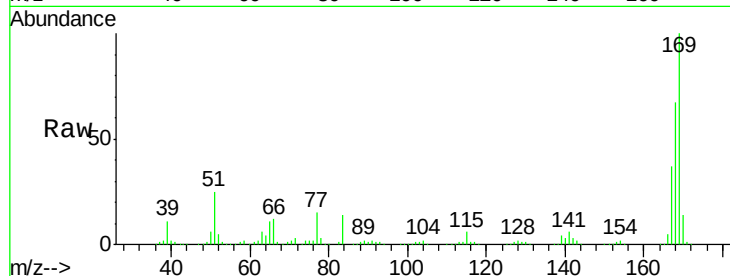
ClientSampleId :

SSTDIC050

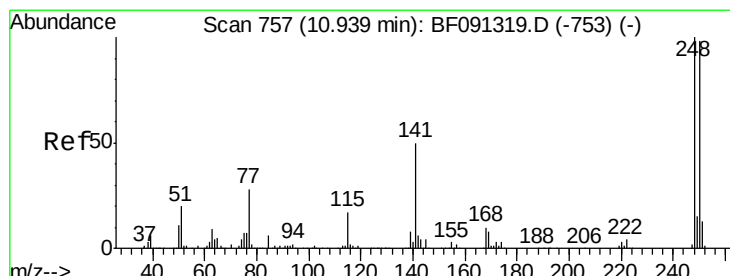
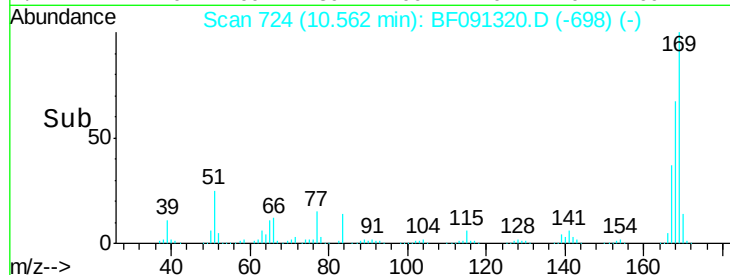
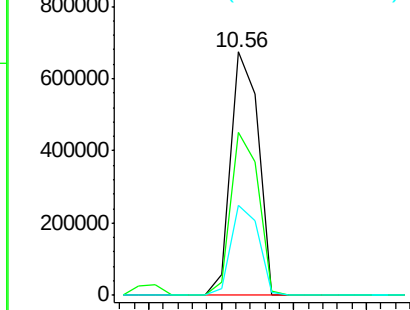
Tgt Ion:	169	Resp:	887883
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.8	80.8
167	36.8	29.8	44.8

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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: 48.69 ng

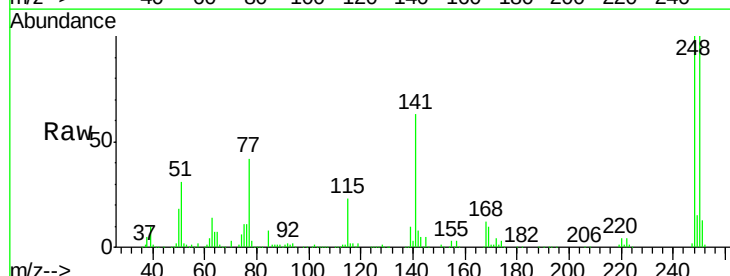
RT: 10.94 min Scan# 757

Delta R.T. -0.00 min

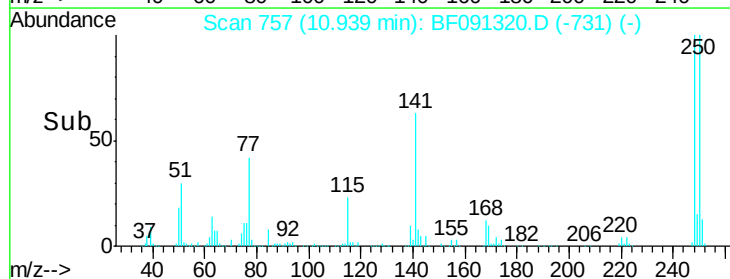
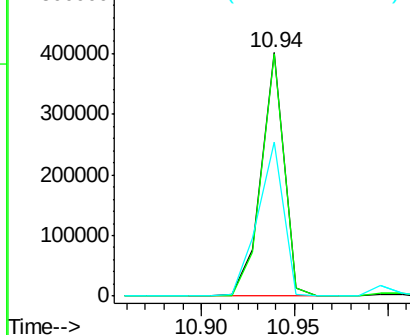
Lab File: BF091320.D

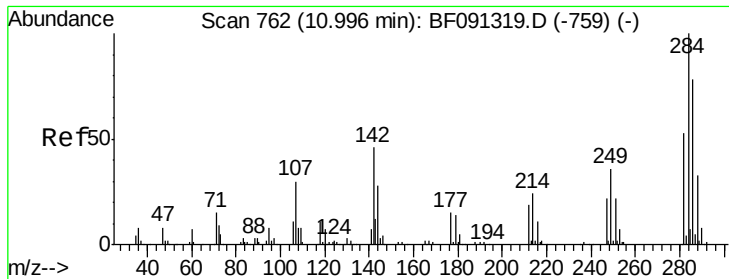
Acq: 29 Nov 2016 11:53

Tgt Ion:	248	Resp:	337748
Ion Ratio	Lower	Upper	
248	100		
250	99.6	78.2	117.4
141	63.4	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: 46.88 ng

RT: 11.01 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

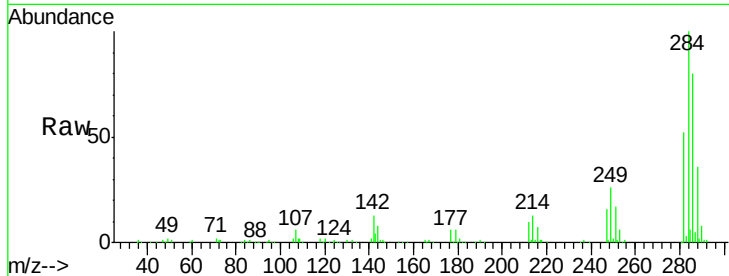
ClientSampleId :

SSTDIC050

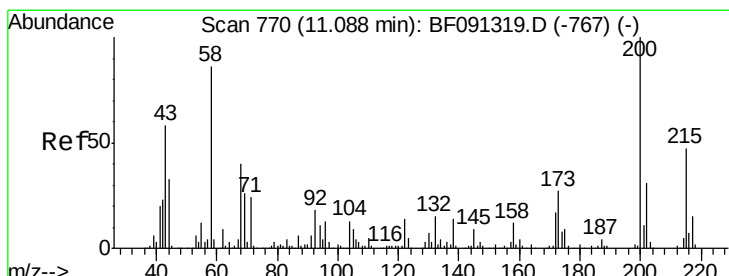
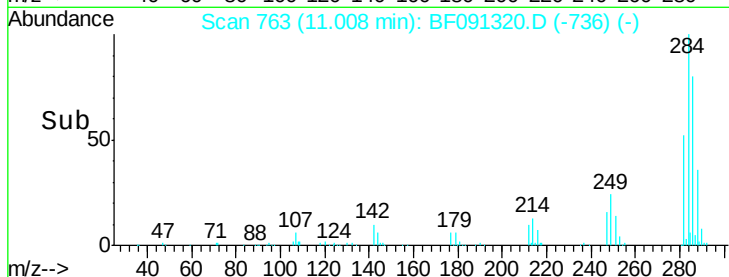
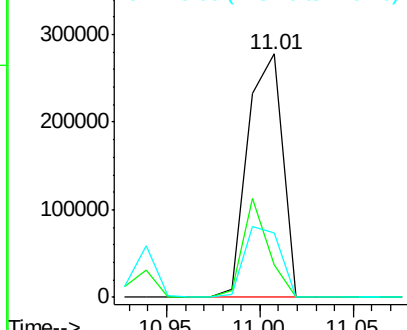
Tgt Ion:	284	Resp:	356527
Ion Ratio	Lower	Upper	
284	100		
142	13.1	17.9	26.9#
249	26.4	23.6	35.4

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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: 61.26 ng

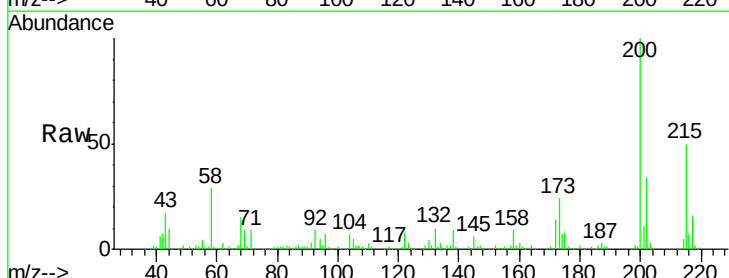
RT: 11.10 min Scan# 771

Delta R.T. 0.01 min

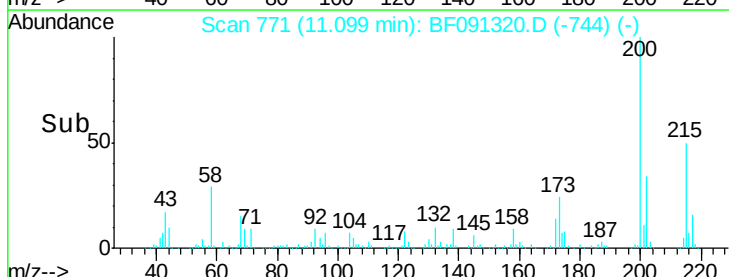
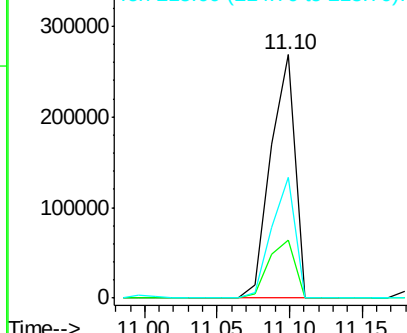
Lab File: BF091320.D

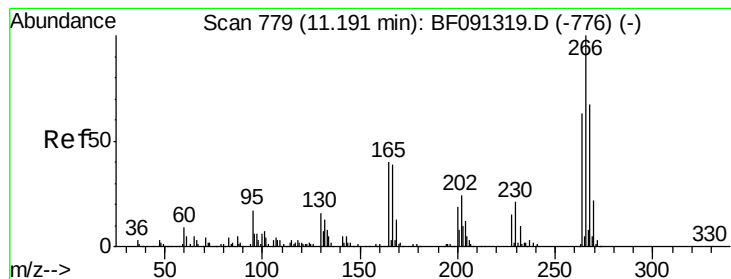
Acq: 29 Nov 2016 11:53

Tgt Ion:	200	Resp:	311602
Ion Ratio	Lower	Upper	
200	100		
173	23.6	7.8	47.8
215	49.6	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: 50.03 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:266 Resp: 225080

Ion Ratio Lower Upper

266 100

268 66.5 50.3 75.5

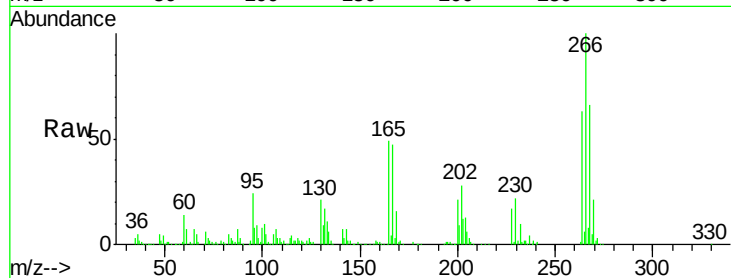
264 63.0 48.2 72.2

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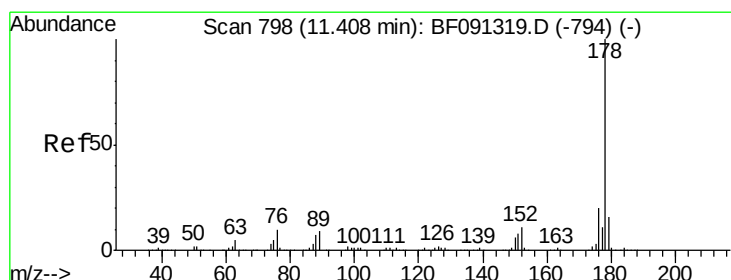
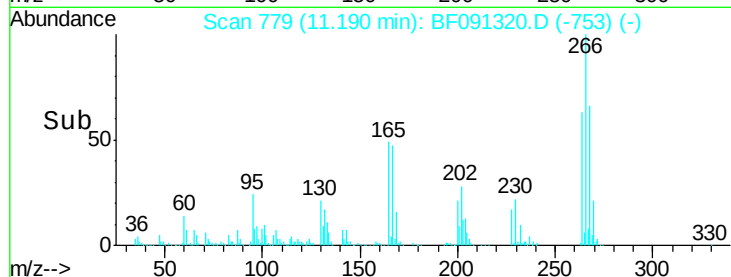
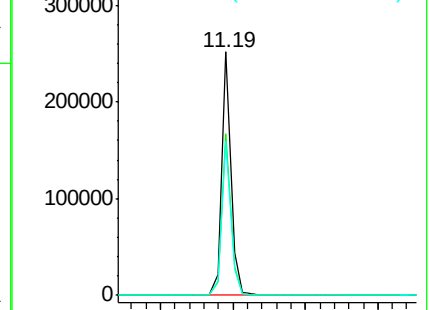
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 48.40 ng

RT: 11.42 min Scan# 799

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

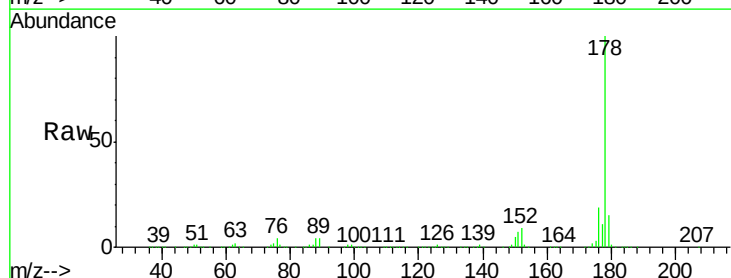
Tgt Ion:178 Resp: 1593484

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

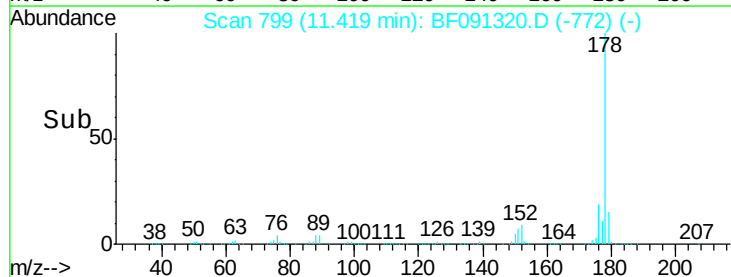
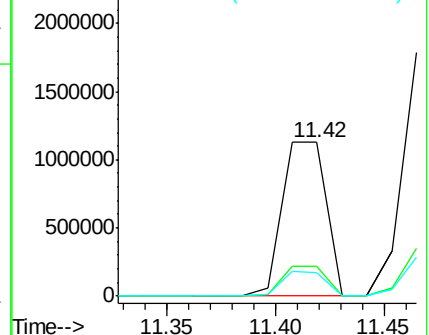
179 15.4 12.6 18.8

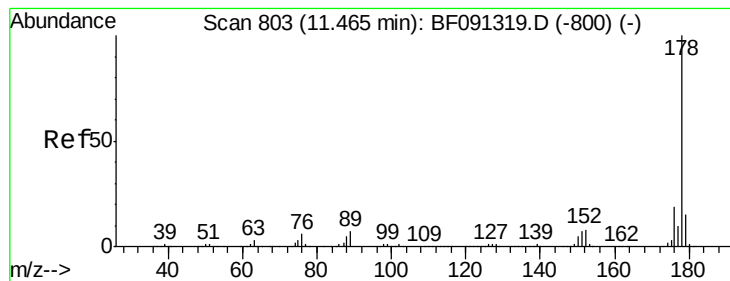


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





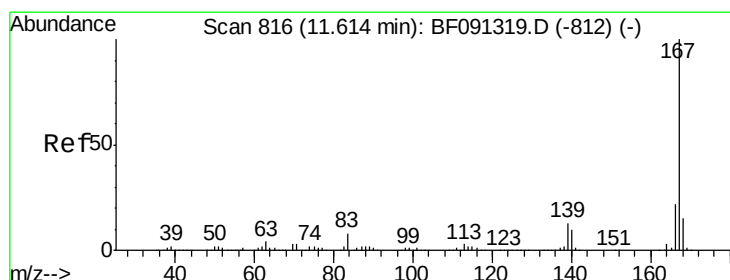
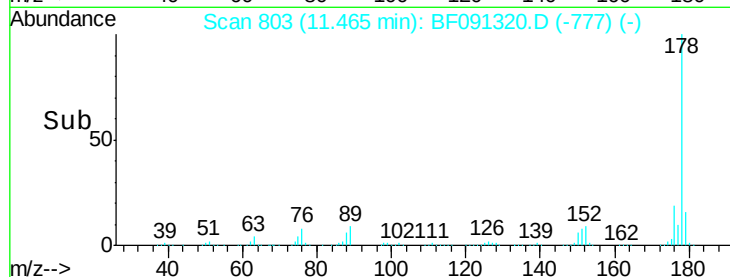
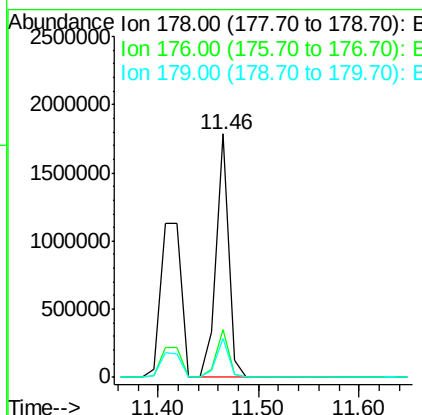
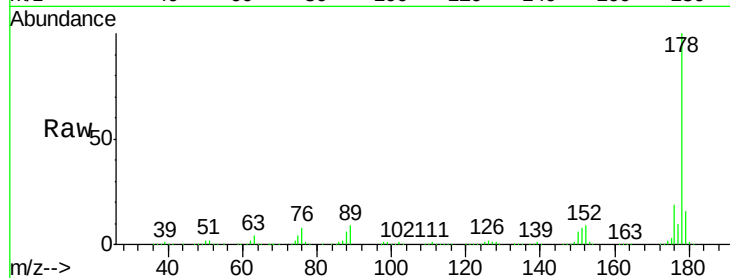
#71
 Anthracene
 Concen: 45.97 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:178 Resp: 1547550
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.2 12.7 19.1

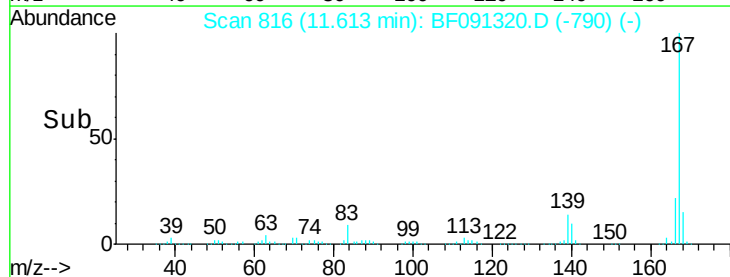
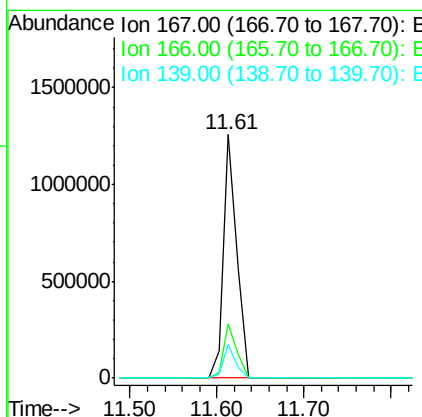
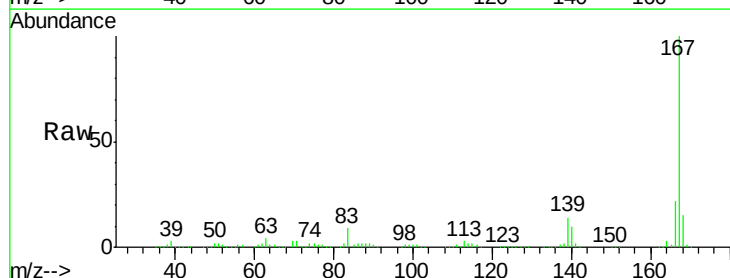
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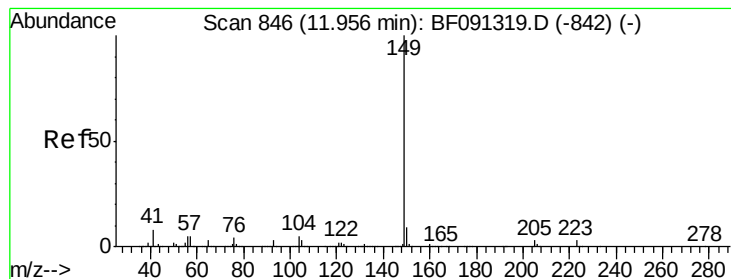
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#72
 Carbazole
 Concen: 45.12 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion:167 Resp: 1351934
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 14.0 11.5 17.3





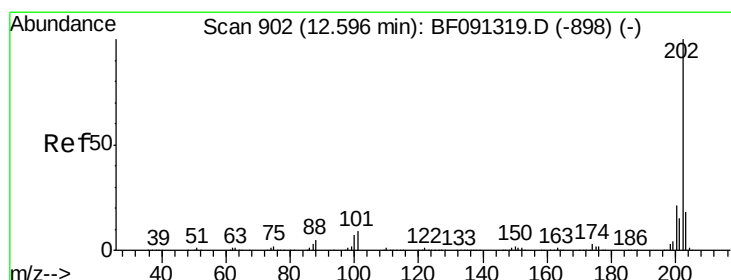
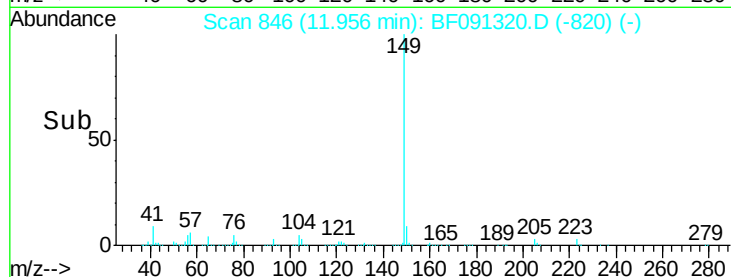
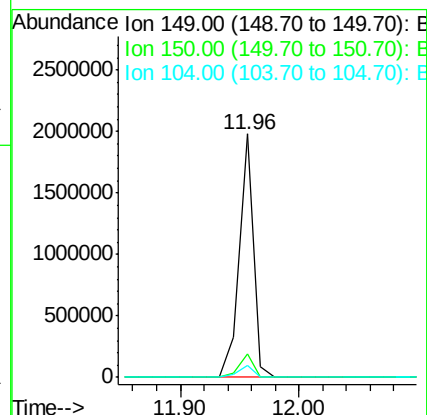
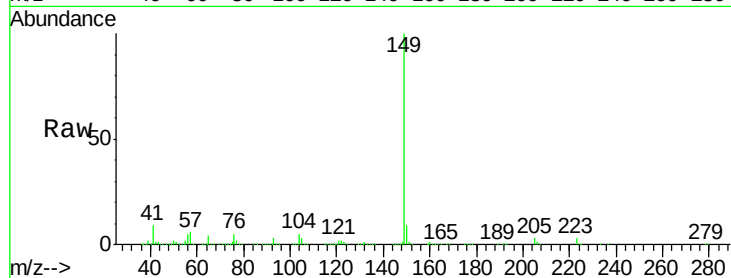
#73
Di-n-butylphthalate
Concen: 47.49 ng
RT: 11.96 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.1	4.0	6.0

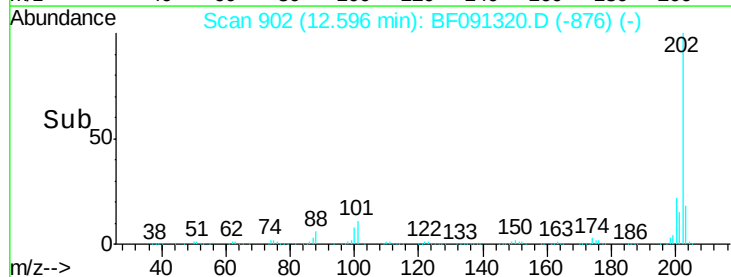
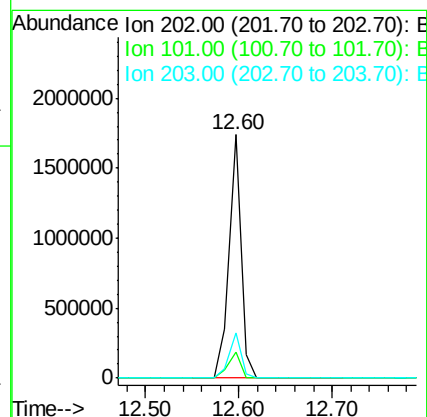
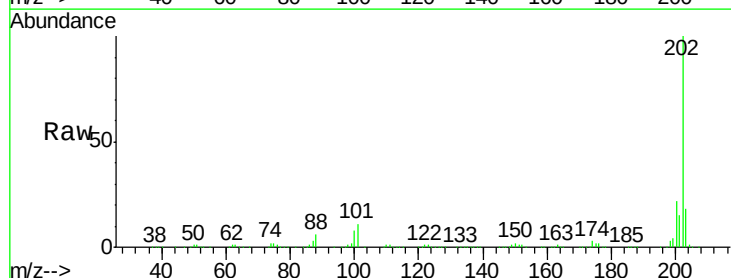
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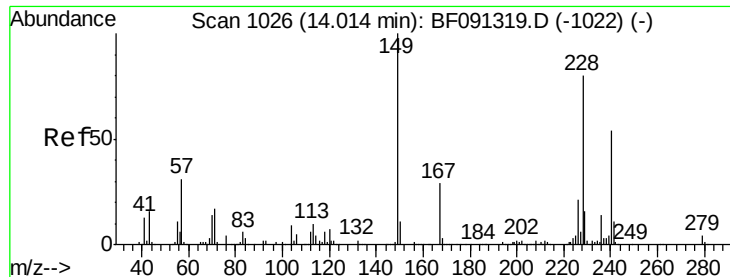
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#74
Fluoranthene
Concen: 46.58 ng
RT: 12.60 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.5
203	18.4	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:240 Resp: 424295

Ion Ratio Lower Upper

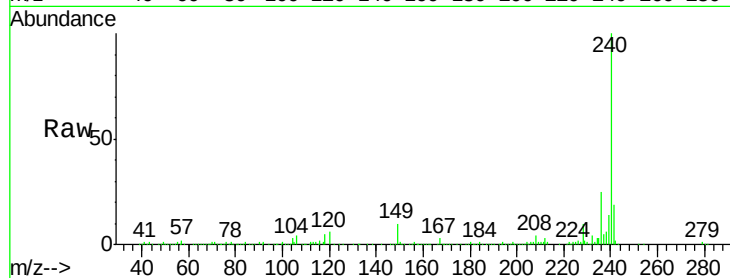
240 100

120 5.6 12.1 18.1#

236 24.7 21.0 31.6

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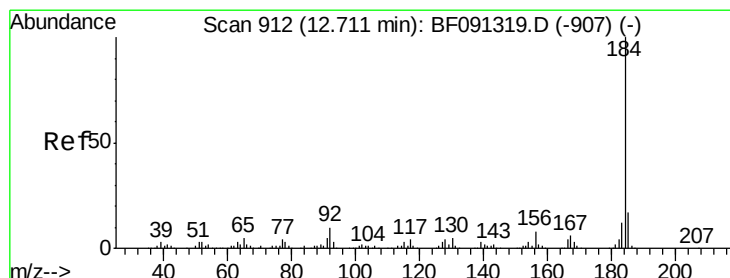
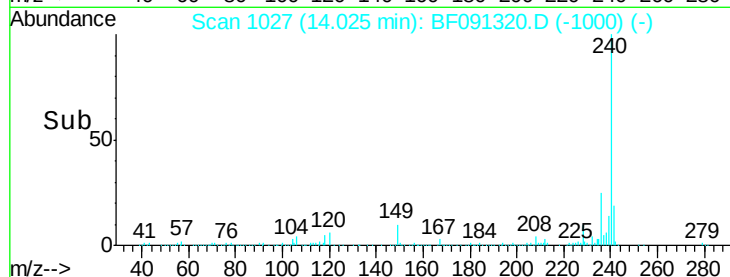
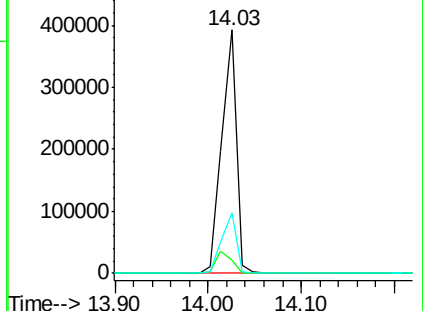
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 82.46 ng

RT: 12.72 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

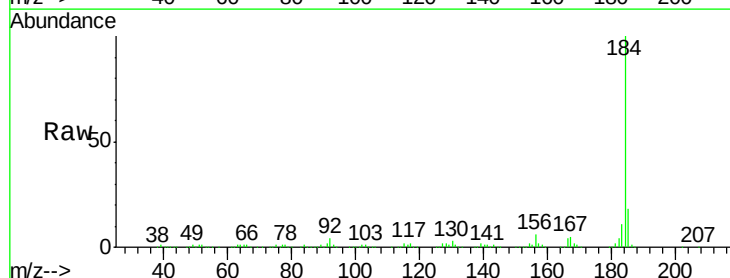
Tgt Ion:184 Resp: 678106

Ion Ratio Lower Upper

184 100

185 17.6 13.1 19.7

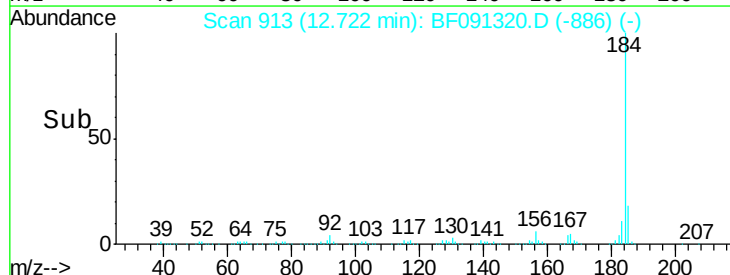
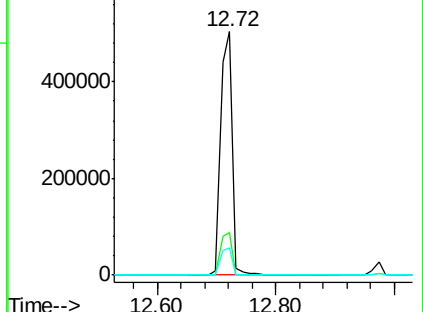
183 11.4 8.9 13.3

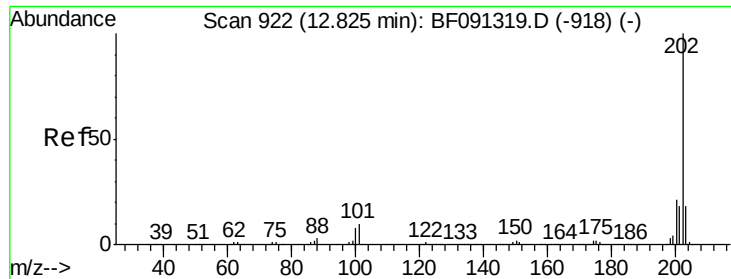


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





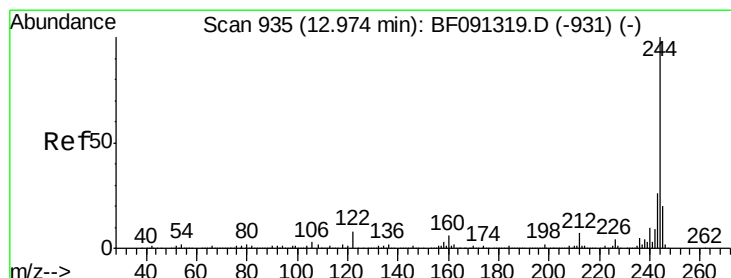
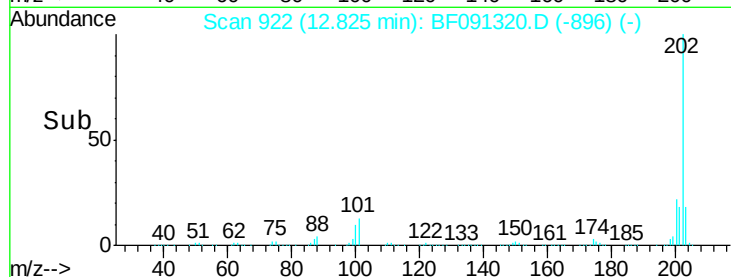
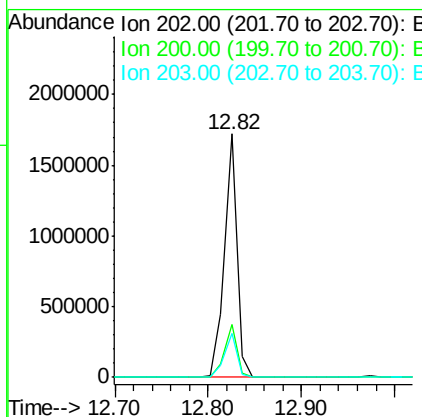
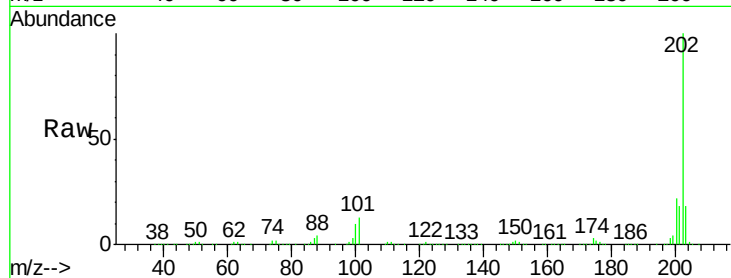
#77
 Pyrene
 Concen: 51.13 ng
 RT: 12.82 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.2	14.0	21.0

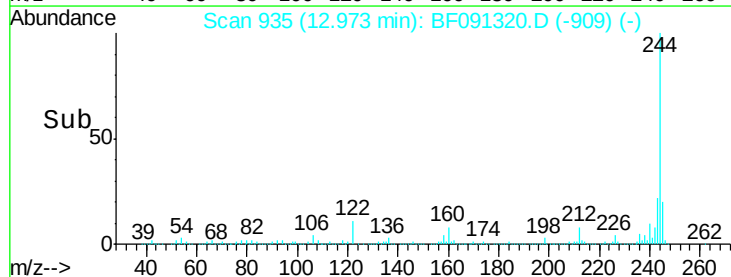
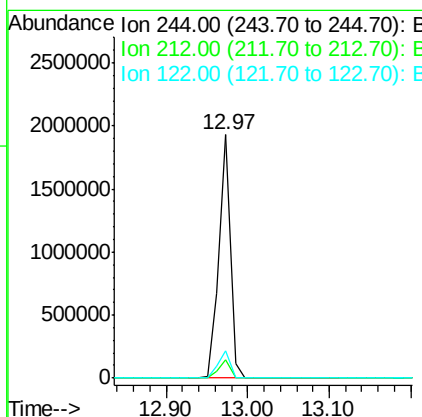
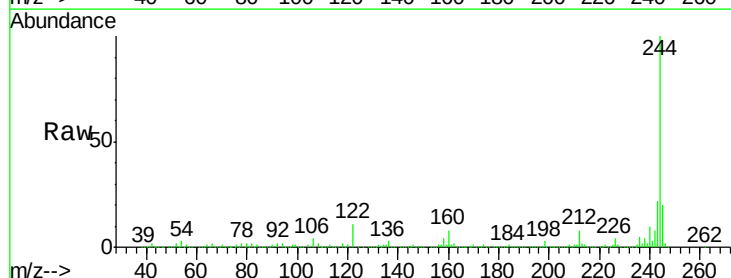
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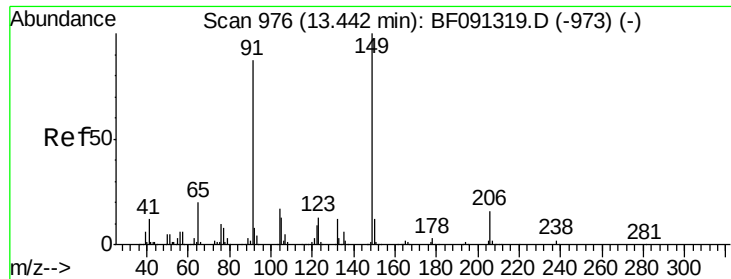
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#78
 Terphenyl-d14
 Concen: 101.55 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	11.3	9.5	14.3





#79

Butylbenzylphthalate

Concen: 52.41 ng

RT: 13.45 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

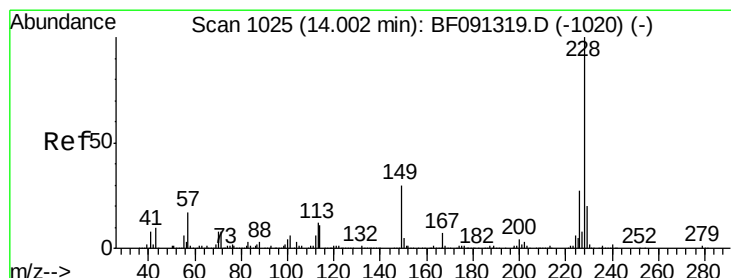
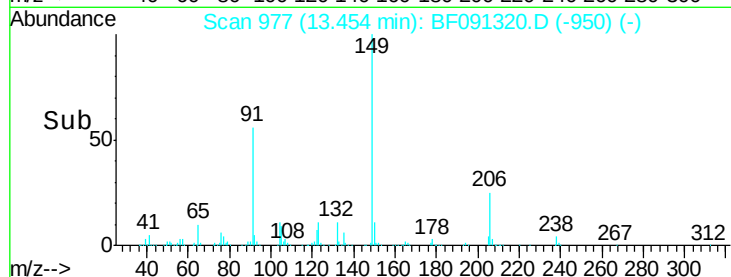
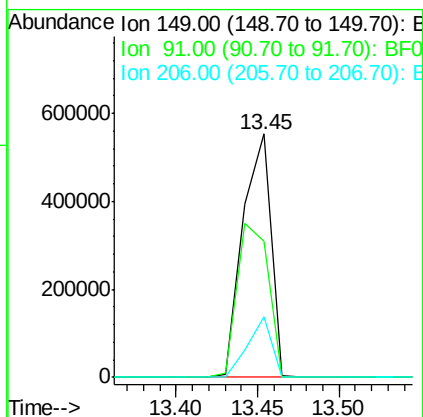
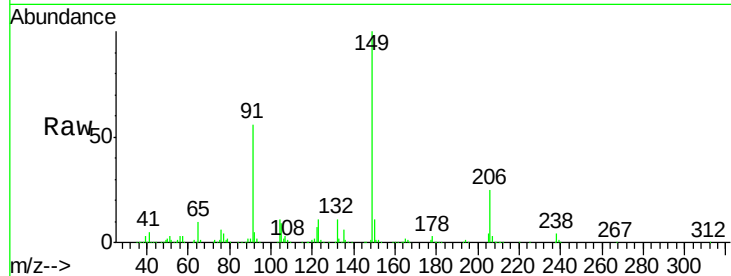
ClientSampleId :

SSTDIC050

Tgt Ion:	149	Resp:	657506
Ion Ratio	Lower	Upper	
149	100		
91	55.9	57.4	86.2#
206	24.7	15.4	23.2#

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#80

Benzo(a)anthracene

Concen: 51.81 ng

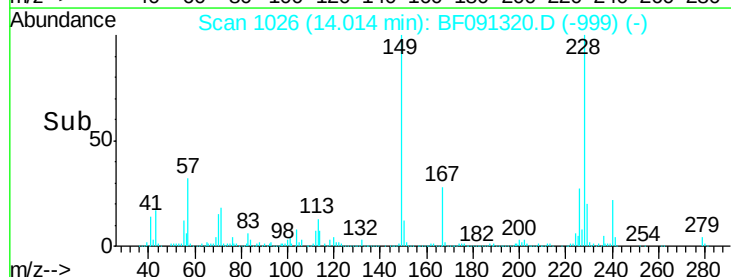
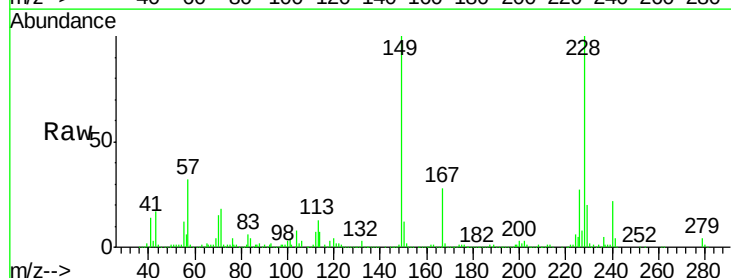
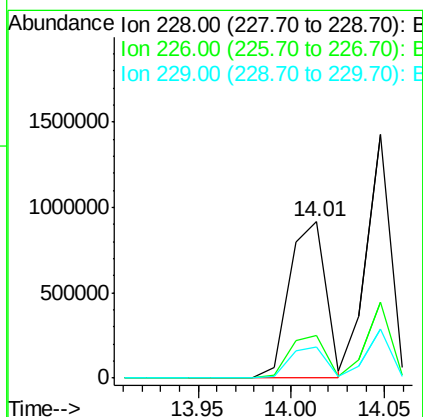
RT: 14.01 min Scan# 1026

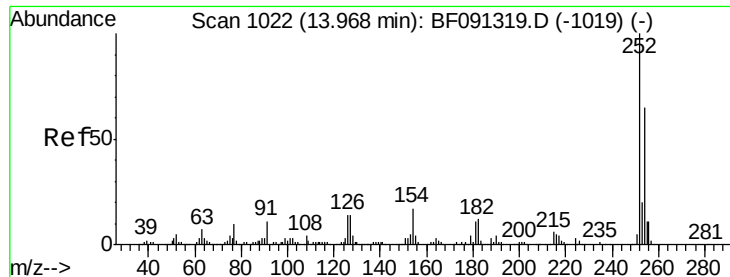
Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Tgt Ion:	228	Resp:	1247680
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.5	33.7
229	19.7	16.4	24.6





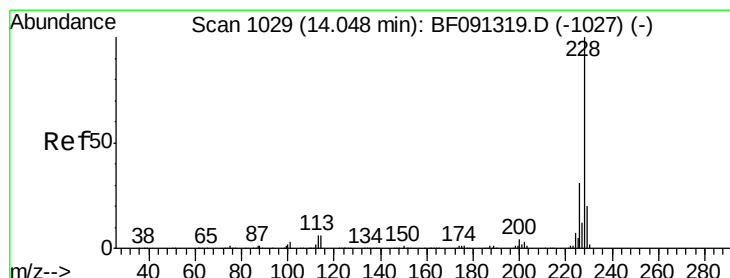
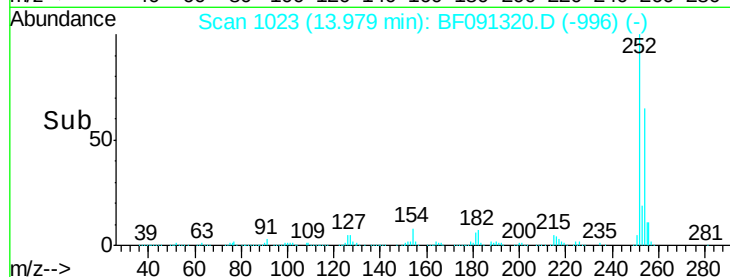
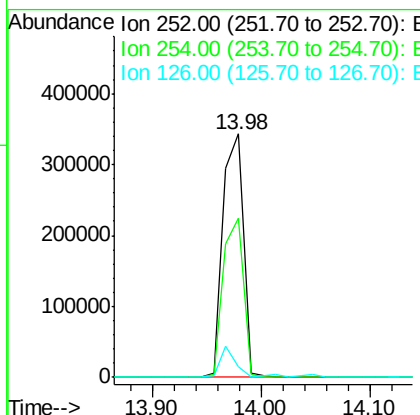
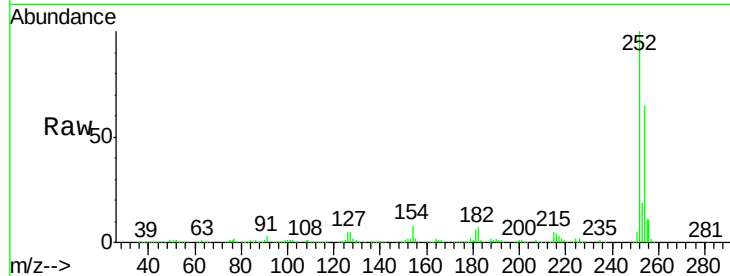
#81
 3,3'-Dichlorobenzidine
 Concen: 56.65 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	449884		
254	65.4	52.1	78.1	
126	4.6	7.5	11.3	

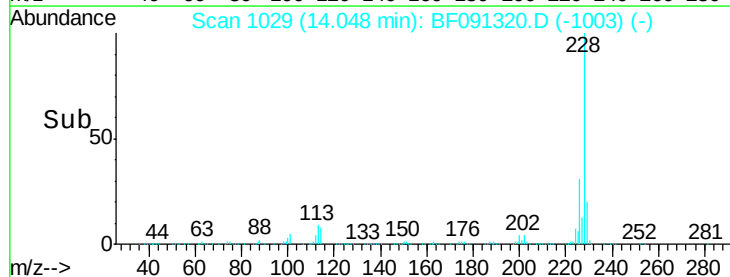
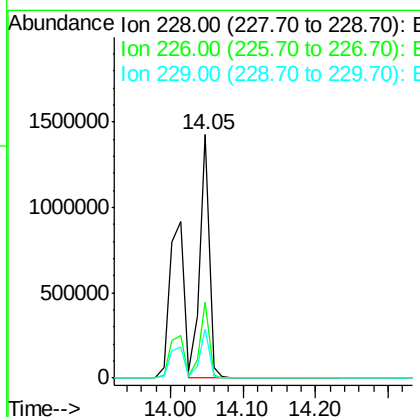
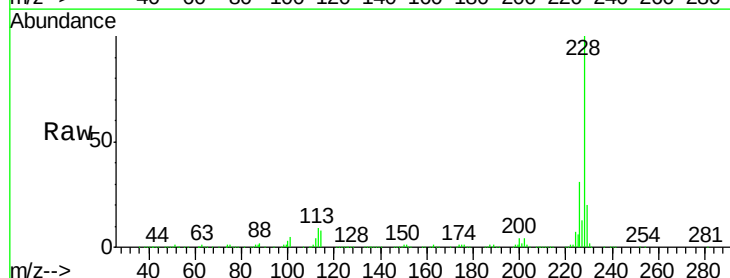
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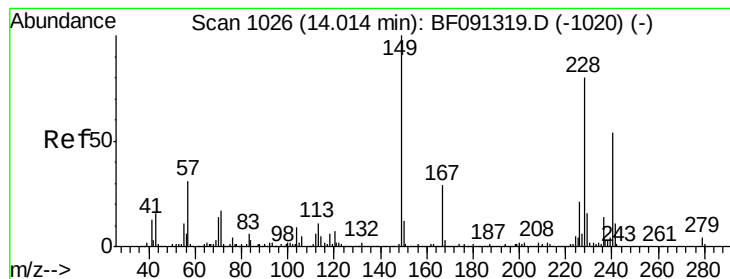
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#82
 Chrysene
 Concen: 56.66 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1289517		
226	30.9	25.0	37.4	
229	20.3	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.47 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:149 Resp: 819550
Ion Ratio Lower Upper

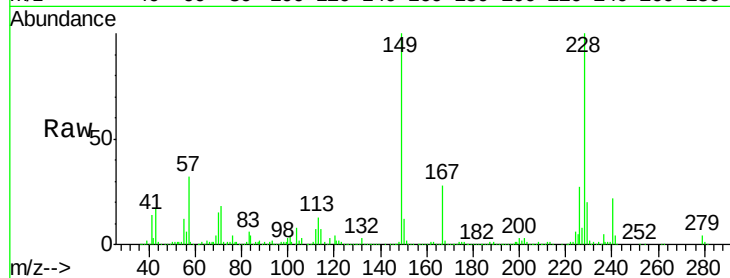
149 100

167 27.6 19.6 29.4

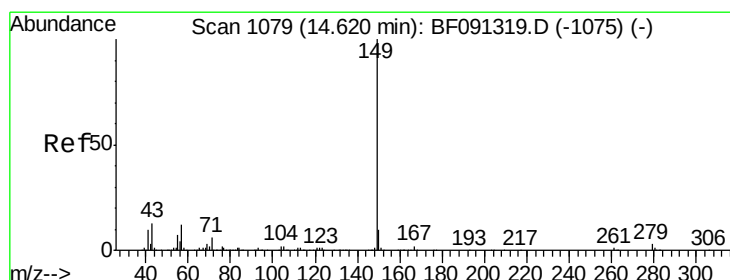
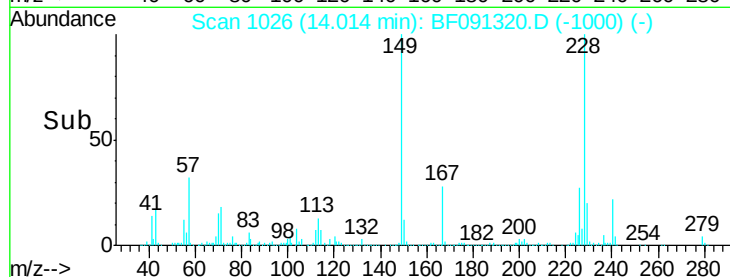
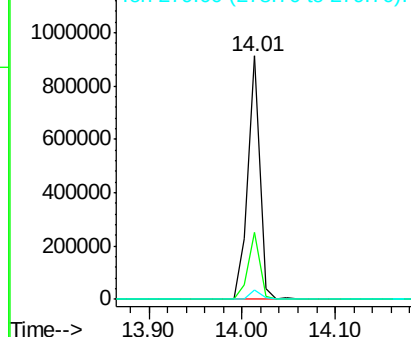
279 3.7 1.9 2.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.11 ng

RT: 14.62 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

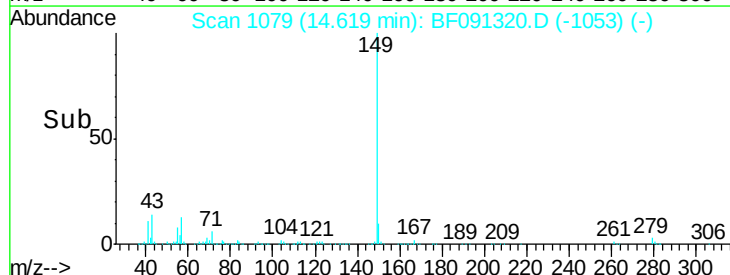
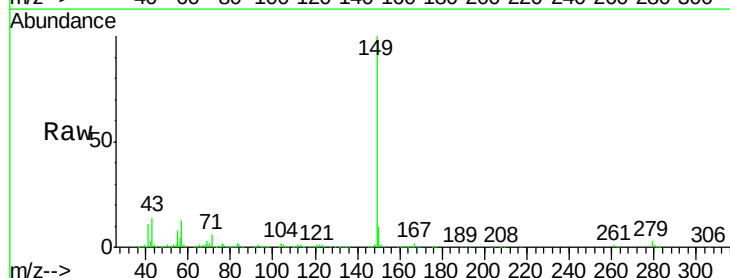
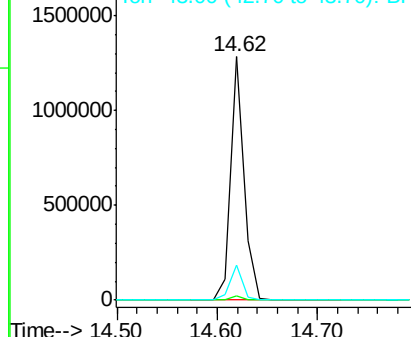
Tgt Ion:149 Resp: 1182765
Ion Ratio Lower Upper

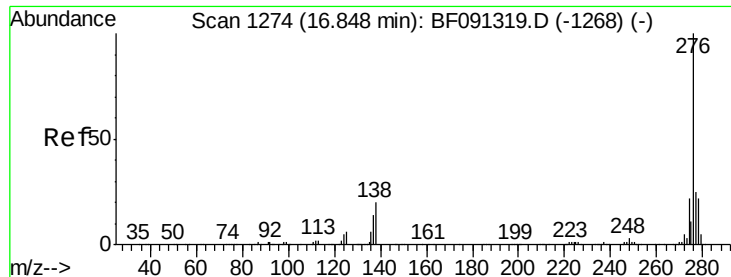
149 100

167 1.6 1.3 1.9

43 13.6 11.9 17.9

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





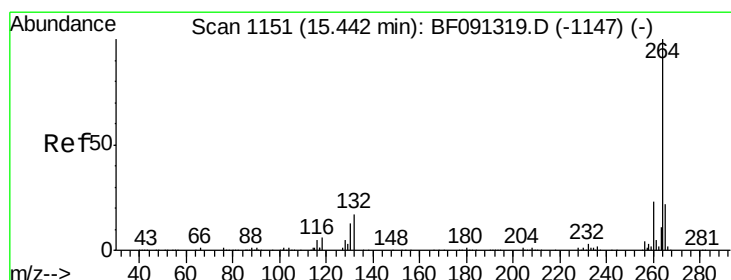
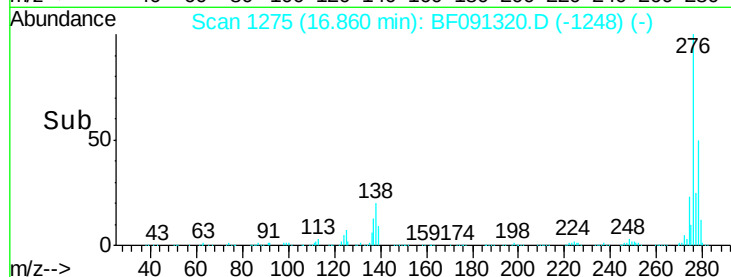
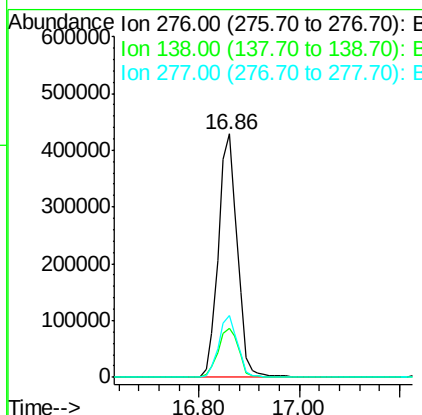
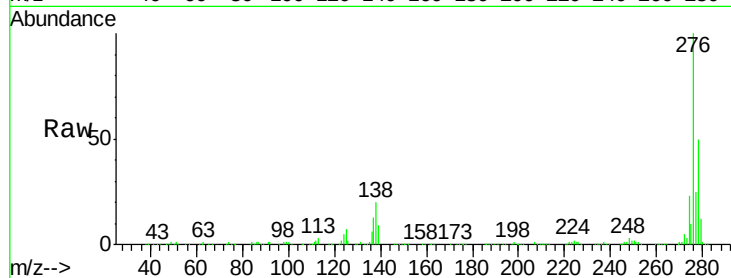
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.41 ng
 RT: 16.86 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	21.0	31.4
277	25.3	20.2	30.2

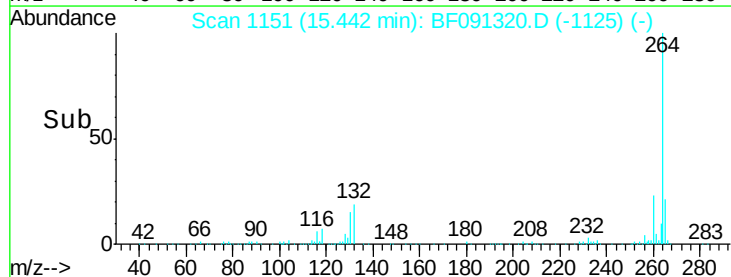
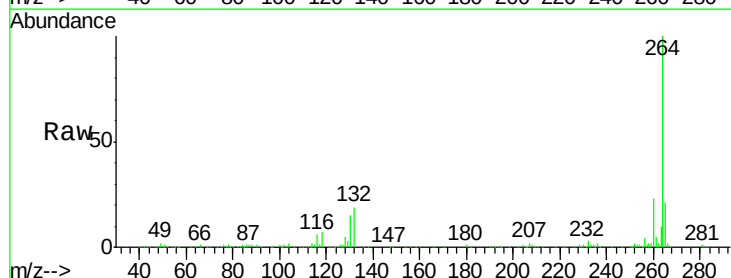
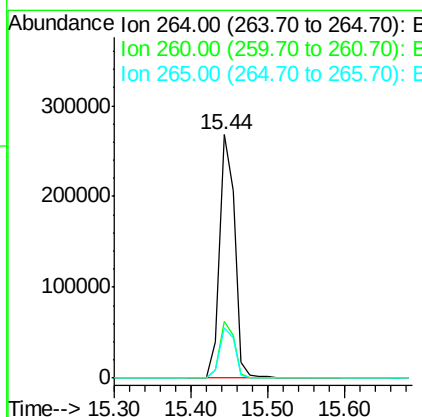
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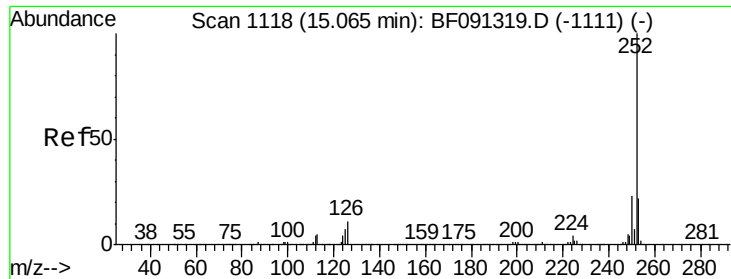
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	20.8	17.0	25.6





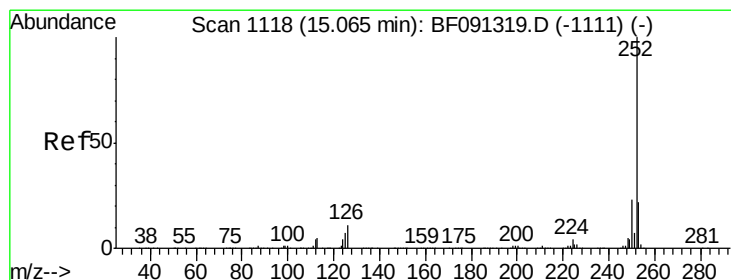
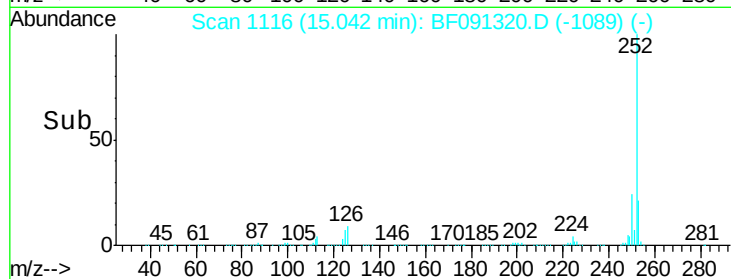
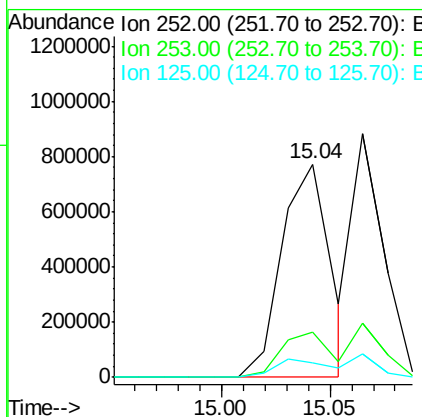
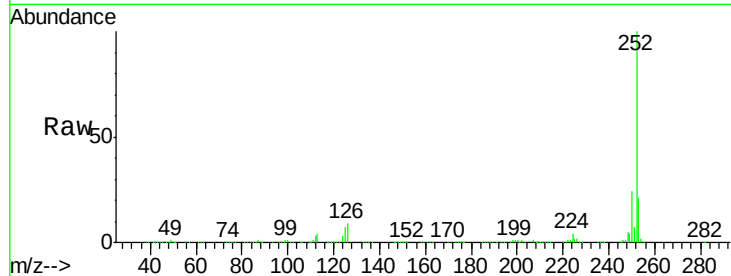
#87
Benzo(b)fluoranthene
Concen: 51.14 ng
RT: 15.04 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	6.6	8.6	13.0

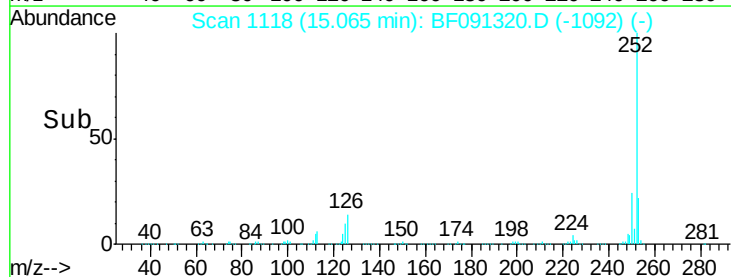
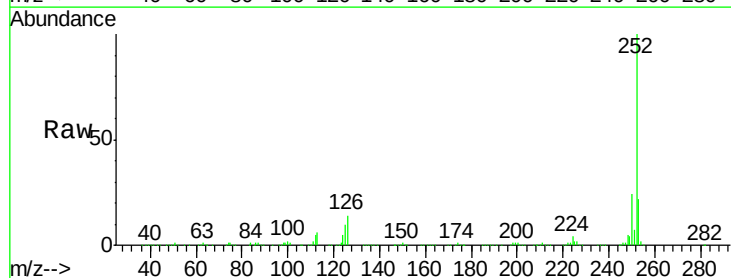
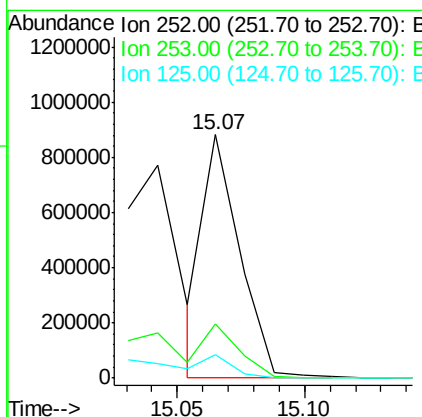
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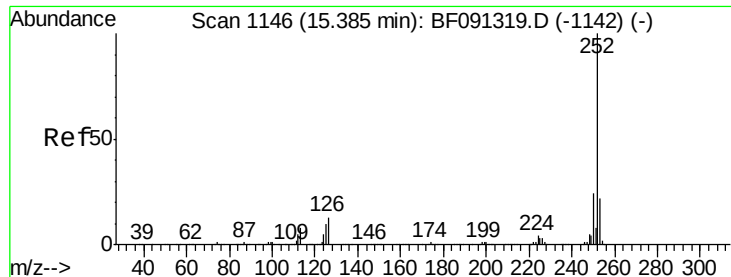
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#88
Benzo(k)fluoranthene
Concen: 46.42 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.7	9.6	14.4





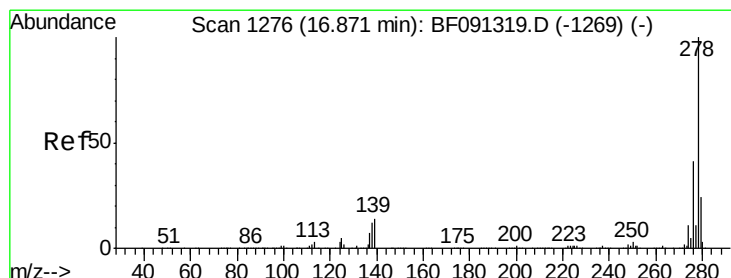
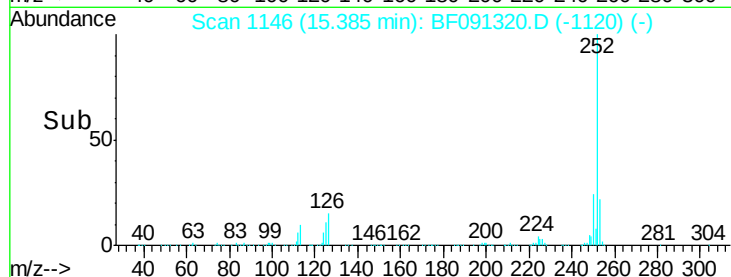
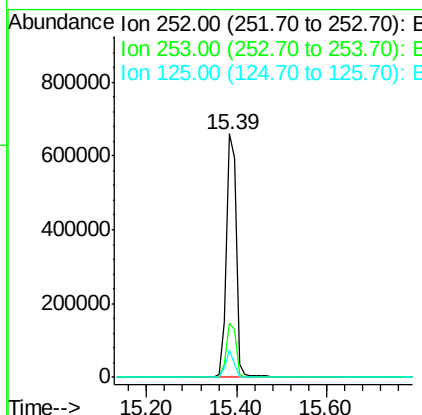
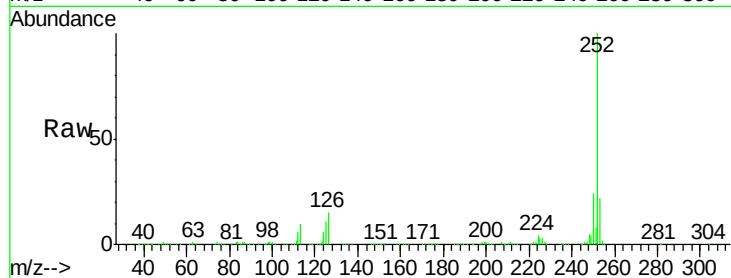
#89
Benzo(a)pyrene
Concen: 50.82 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.2	10.4	15.6

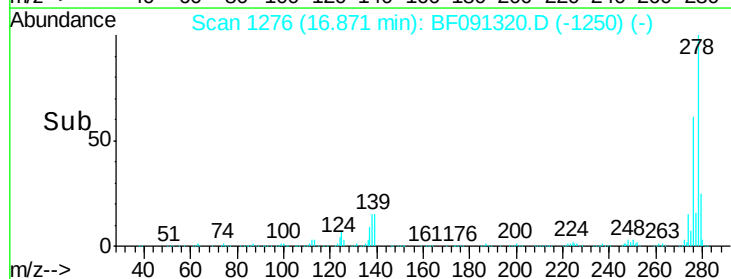
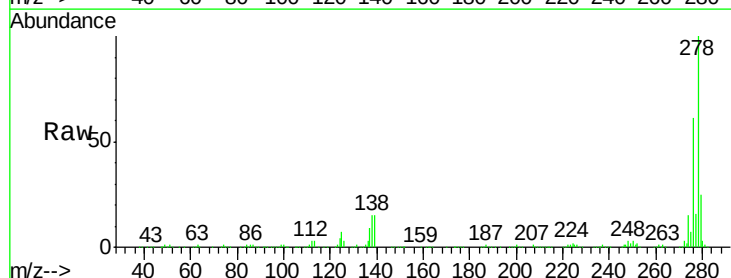
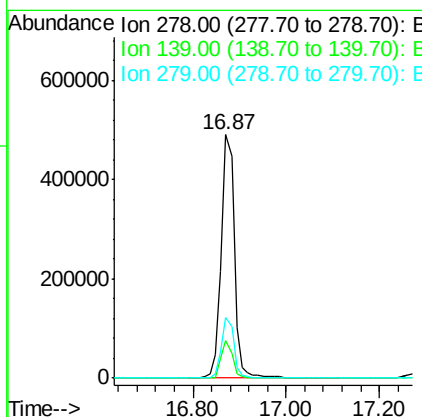
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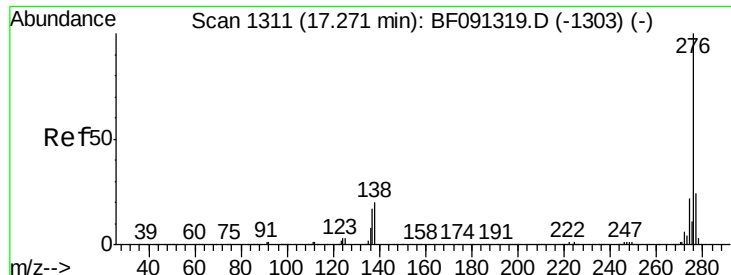
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#90
Dibenzo(a,h)anthracene
Concen: 51.50 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	15.1	22.7
279	24.6	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 54.39 ng
 RT: 17.28 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	18.3	15.4	23.0

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