

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
 Data File : BF091366.D
 Acq On : 30 Nov 2016 20:42
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 01 00:18:21 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 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	180412	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	688048	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	360741	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	510919	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	346092	20.00	ng	-0.03
86) Perylene-d12	15.44	264	388426	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	895726	81.11	ng	0.00
7) Phenol-d6	6.49	99	1080756	79.50	ng	0.00
23) Nitrobenzene-d5	7.43	82	942679	76.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	223728	65.51	ng	-0.02
44) 2-Fluorobiphenyl	9.24	172	1788649	89.78	ng	0.00
78) Terphenyl-d14	12.97	244	1257836	78.99	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	198674	39.77	ng	88
3) Pyridine	3.19	79	575762	40.72	ng	88
4) n-Nitrosodimethylamine	3.14	42	302724	40.81	ng	93
6) Aniline	6.53	93	690702	38.25	ng	# 71
8) 2-Chlorophenol	6.65	128	489232	40.40	ng	99
9) Benzaldehyde	6.41	77	259809	29.72	ng	78
10) Phenol	6.50	94	557016	34.82	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	473910	41.46	ng	89
12) 1,3-Dichlorobenzene	7.04	146	515246	38.25	ng	97
13) 1,4-Dichlorobenzene	6.88	146	515321	38.46	ng	97
14) 1,2-Dichlorobenzene	7.04	146	515282	41.29	ng	94
15) Benzyl Alcohol	7.01	79	425541	39.11	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	986012	40.12	ng	71
17) 2-Methylphenol	7.12	107	390131	40.76	ng	# 76
18) Hexachloroethane	7.38	117	191296	40.21	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	313305	36.58	ng	96
20) 3+4-Methylphenols	7.27	107	443446	37.95	ng	# 76
22) Acetophenone	7.28	105	647603	39.71	ng	# 94
24) Nitrobenzene	7.45	77	564572	44.91	ng	# 81
25) Isophorone	7.69	82	891402	40.98	ng	99
26) 2-Nitrophenol	7.76	139	221135	38.60	ng	96
27) 2,4-Dimethylphenol	7.81	122	450251	42.02	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	503185	38.43	ng	100
29) 2,4-Dichlorophenol	8.00	162	357229	37.89	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	431366	40.82	ng	98
31) Naphthalene	8.17	128	1286015	39.33	ng	100
32) Benzoic acid	7.92	122	298137	37.74	ng	94
33) 4-Chloroaniline	8.22	127	510000	36.48	ng	95
34) Hexachlorobutadiene	8.30	225	279491	43.01	ng	98
35) Caprolactam	8.60	113	113117	41.75	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	375347	36.88	ng	98
37) 2-Methylnaphthalene	8.87	142	853880	38.44	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	414854	40.79	ng	97
40) Hexachlorocyclopentadiene	9.02	237	90226	19.14	ng	99

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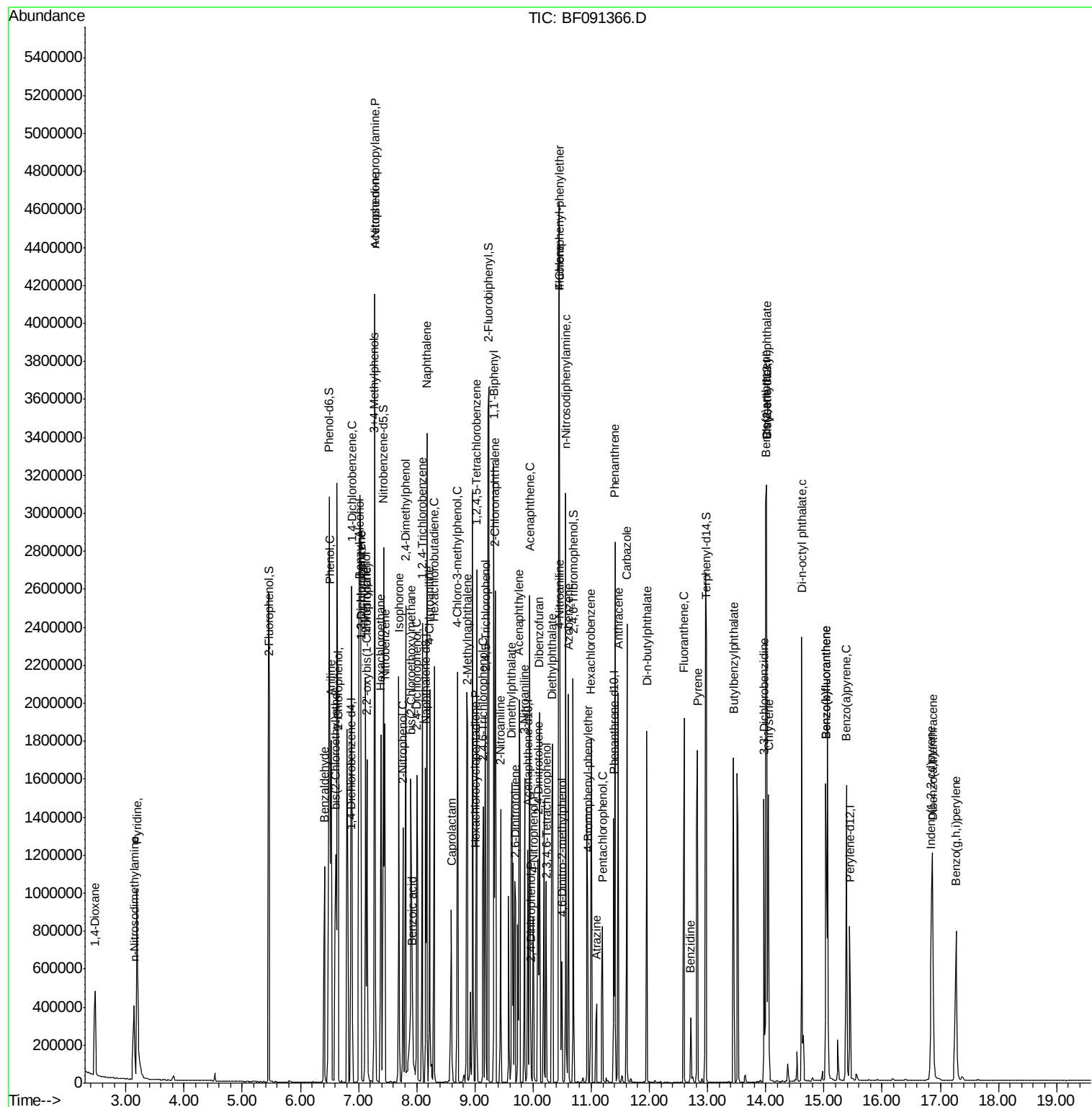
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	263065	39.80	ng	97
43) 2,4,5-Trichlorophenol	9.18	196	265952	40.15	ng	# 92
45) 1,1'-Biphenyl	9.33	154	1003751	38.70	ng	97
46) 2-Chloronaphthalene	9.35	162	728595	37.72	ng	99
47) 2-Nitroaniline	9.44	65	259843	37.45	ng	# 75
48) Acenaphthylene	9.76	152	1163758	38.27	ng	99
49) Dimethylphthalate	9.64	163	927146	42.45	ng	99
50) 2,6-Dinitrotoluene	9.69	165	213752	43.78	ng	# 58
51) Acenaphthene	9.94	154	807724	39.38	ng	95
52) 3-Nitroaniline	9.85	138	196024	34.69	ng	88
53) 2,4-Dinitrophenol	9.96	184	46060	21.57	ng	91
54) Dibenzofuran	10.10	168	1036560	37.74	ng	98
55) 4-Nitrophenol	10.00	139	131170	32.14	ng	92
56) 2,4-Dinitrotoluene	10.08	165	240112	37.91	ng	# 52
57) Fluorene	10.45	166	747461	35.45	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	188331	33.30	ng	94
59) Diethylphthalate	10.33	149	892333	41.39	ng	# 93
60) 4-Chlorophenyl-phenylether	10.45	204	401617	37.98	ng	93
61) 4-Nitroaniline	10.46	138	179826	33.89	ng	87
62) Azobenzene	10.61	77	913825	41.54	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	80779	28.70	ng	# 57
65) n-Nitrosodiphenylamine	10.56	169	682472	44.06	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	245732	44.75	ng	# 74
67) Hexachlorobenzene	11.00	284	234286	39.48	ng	# 80
68) Atrazine	11.09	200	66238	13.20	ng	91
69) Pentachlorophenol	11.19	266	115102	32.95	ng	94
70) Phenanthrene	11.41	178	1005309	37.87	ng	99
71) Anthracene	11.46	178	1097222	41.64	ng	98
72) Carbazole	11.61	167	949316	39.71	ng	97
73) Di-n-butylphthalate	11.96	149	1177320	43.45	ng	99
74) Fluoranthene	12.60	202	985624	39.19	ng	96
76) Benzidine	12.71	184	138539	13.64	ng	99
77) Pyrene	12.82	202	1003395	38.20	ng	98
79) Butylbenzylphthalate	13.44	149	378188	38.45	ng	91
80) Benzo(a)anthracene	14.00	228	826763	40.85	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	302332	42.40	ng	# 98
82) Chrysene	14.05	228	867614	43.32	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	539545	43.28	ng	# 91
84) Di-n-octyl phthalate	14.62	149	967803	51.30	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	847143	46.19	ng	96
87) Benzo(b)fluoranthene	15.03	252	1064674	44.10	ng	99
88) Benzo(k)fluoranthene	15.03	252	1064674	52.44	ng	98
89) Benzo(a)pyrene	15.39	252	871071	40.18	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	730189	36.41	ng	# 95
91) Benzo(g,h,i)perylene	17.27	276	703961	34.05	ng	100

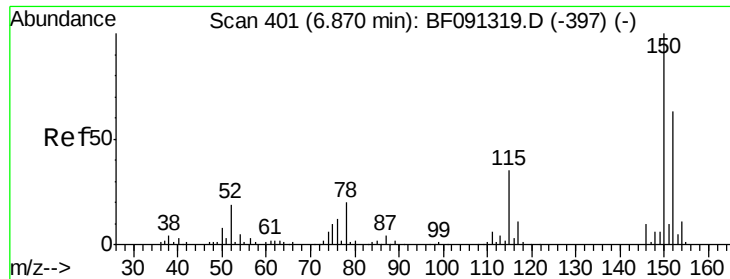
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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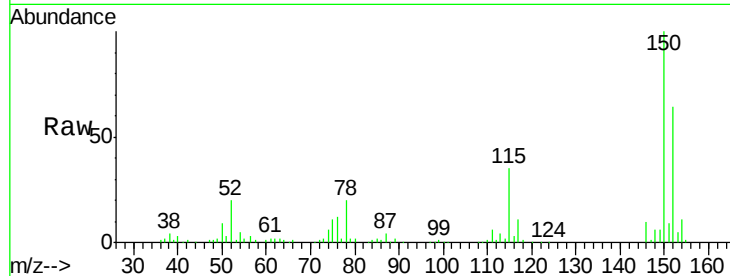




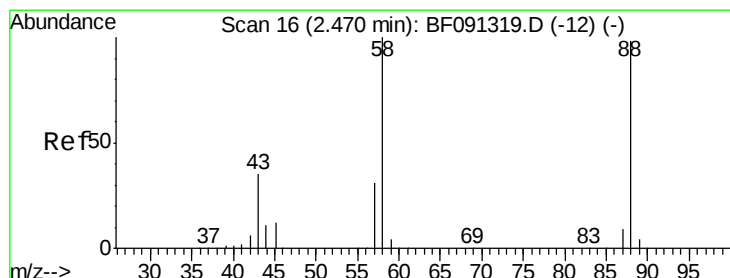
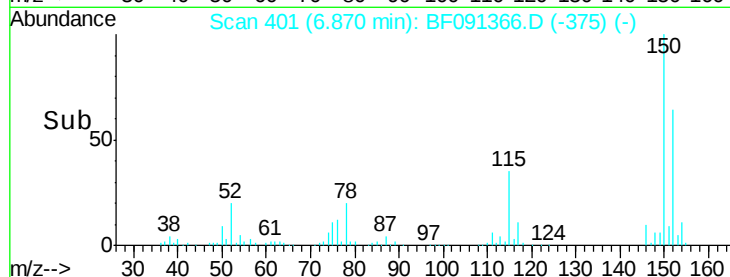
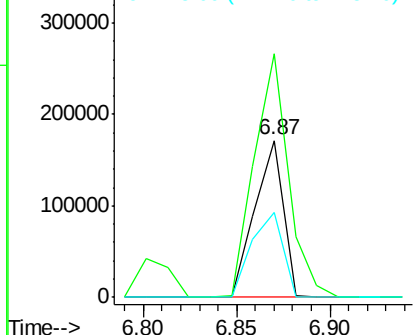
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 180412
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.5 183.7
 115 54.0 51.8 77.8

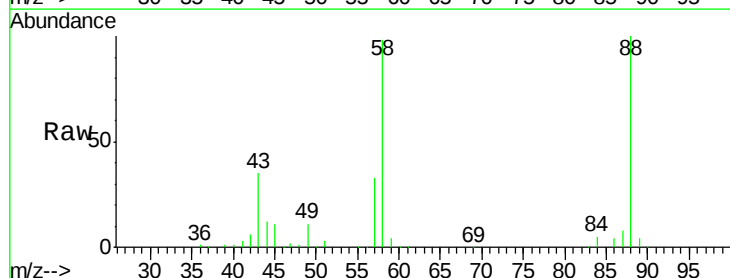


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

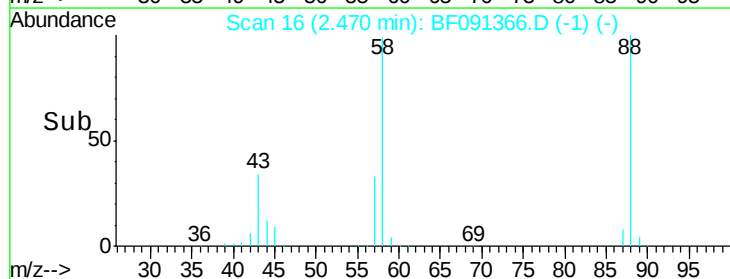
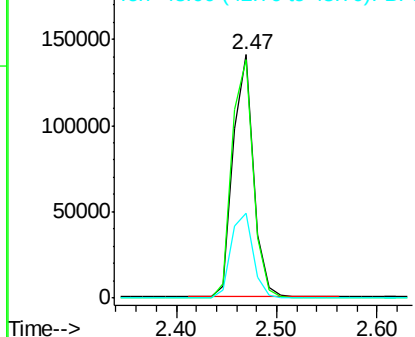


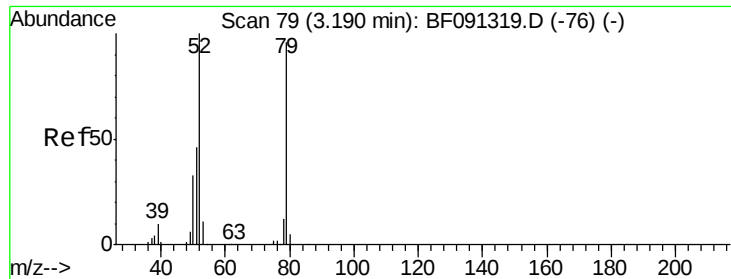
#2
 1,4-Dioxane
 Concen: 39.77 ng
 RT: 2.47 min Scan# 16
 Delta R.T. -0.03 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion: 88 Resp: 198674
 Ion Ratio Lower Upper
 88 100
 58 103.2 70.3 105.5
 43 37.8 31.3 46.9



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





#3

Pyridine

Concen: 40.72 ng

RT: 3.19 min Scan# 79

Delta R.T. -0.03 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

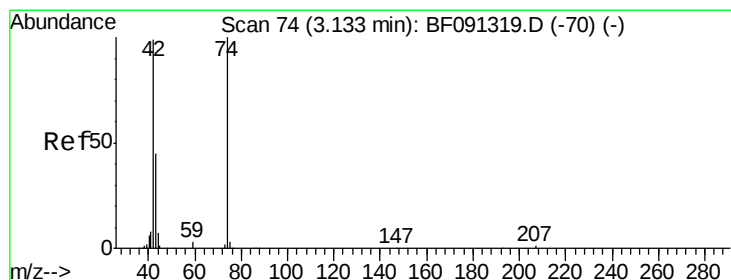
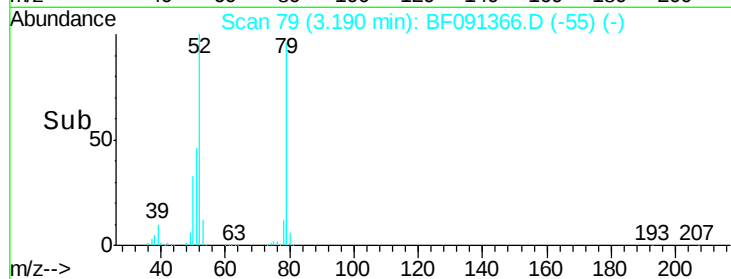
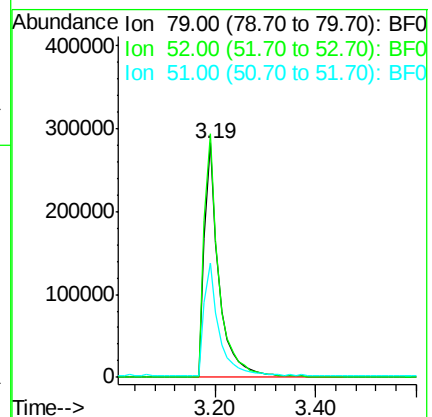
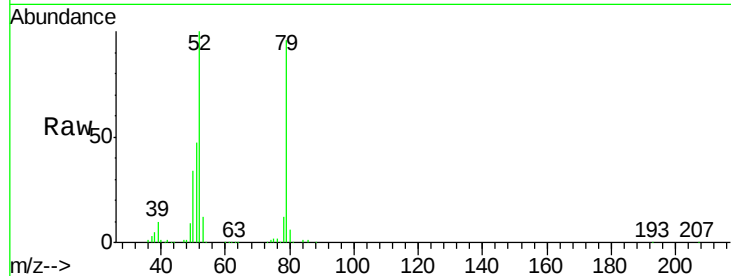
Tgt Ion: 79 Resp: 575762

Ion Ratio Lower Upper

79 100

52 103.9 71.0 106.4

51 48.9 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 40.81 ng

RT: 3.14 min Scan# 75

Delta R.T. -0.03 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

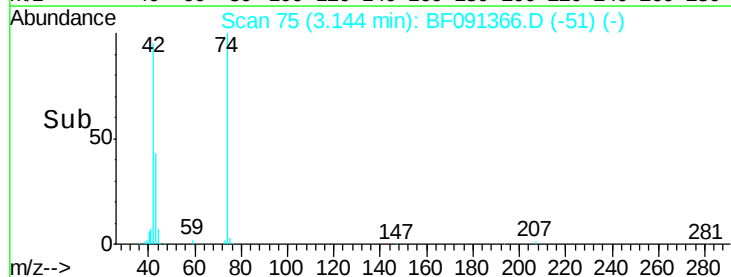
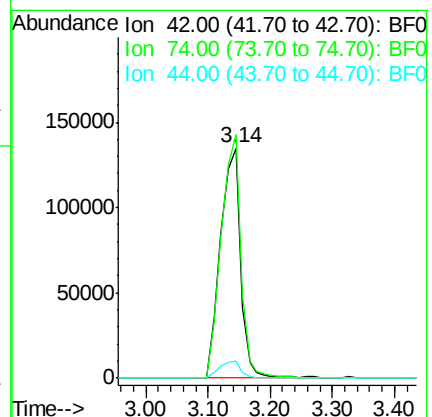
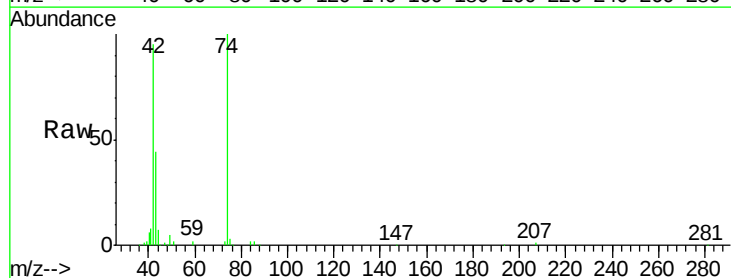
Tgt Ion: 42 Resp: 302724

Ion Ratio Lower Upper

42 100

74 105.8 78.9 118.3

44 7.2 5.8 8.6





#5

2-Fluorophenol

Concen: 81.11 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

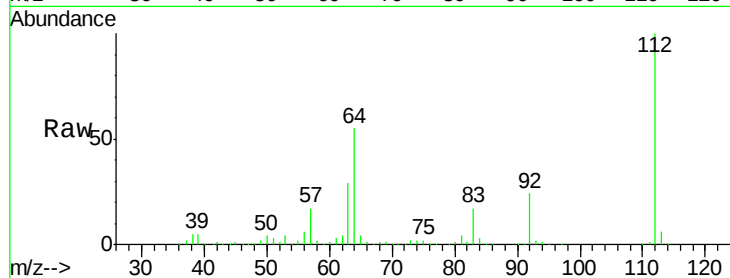
Tgt Ion: 112 Resp: 895726

Ion Ratio Lower Upper

112 100

64 55.3 61.5 92.3#

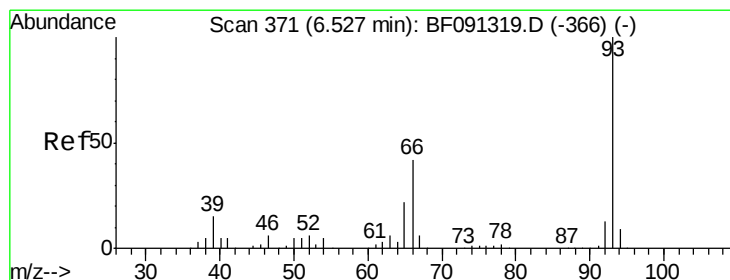
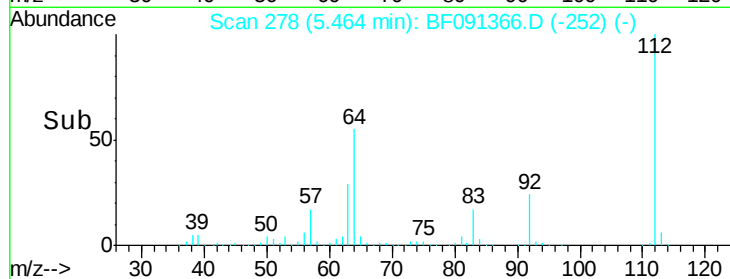
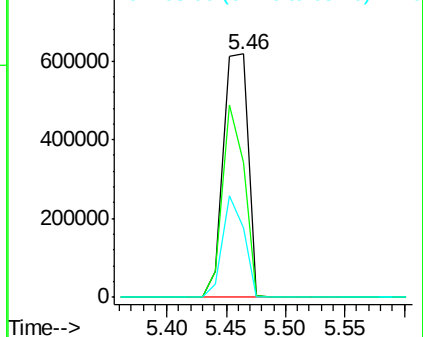
63 28.7 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.25 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

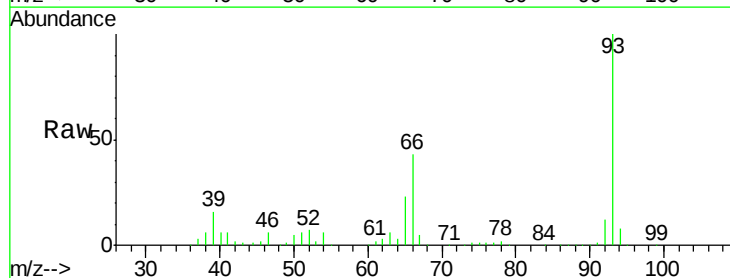
Tgt Ion: 93 Resp: 690702

Ion Ratio Lower Upper

93 100

66 43.1 55.8 83.6#

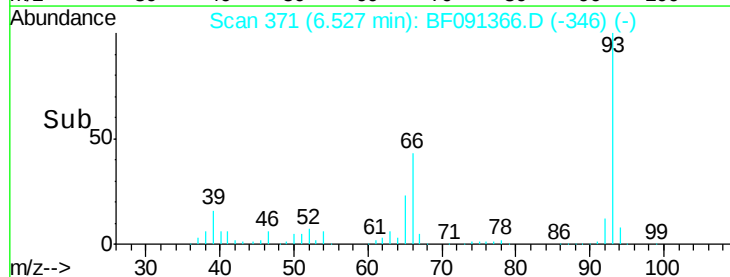
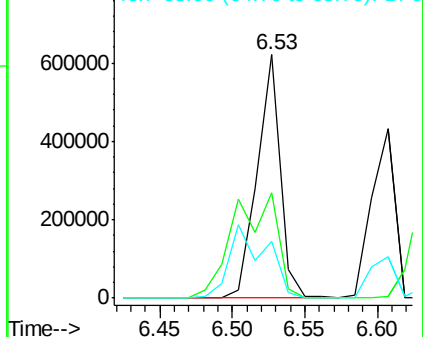
65 23.1 29.9 44.9#

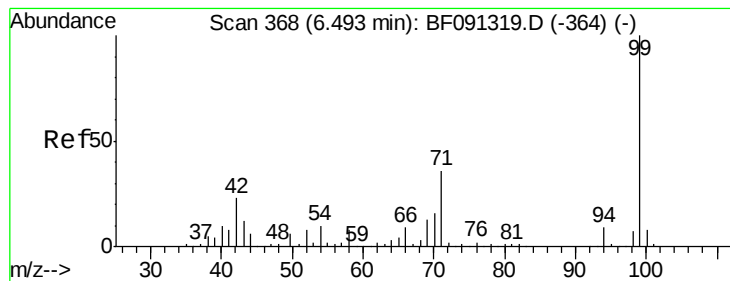


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.50 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

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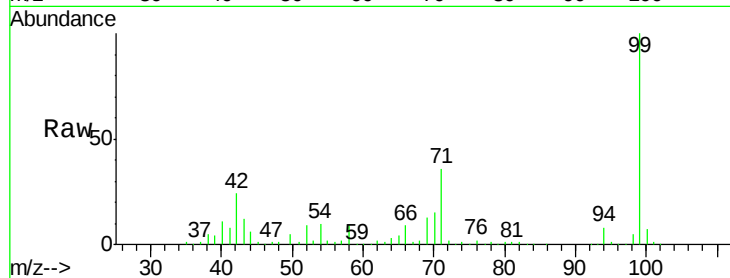
Tgt Ion: 99 Resp: 1080756

Ion Ratio Lower Upper

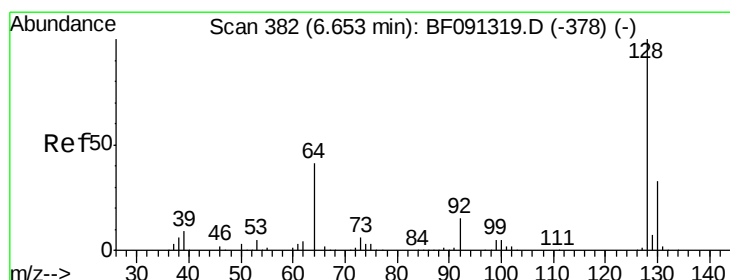
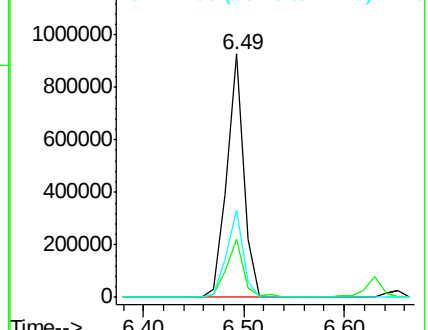
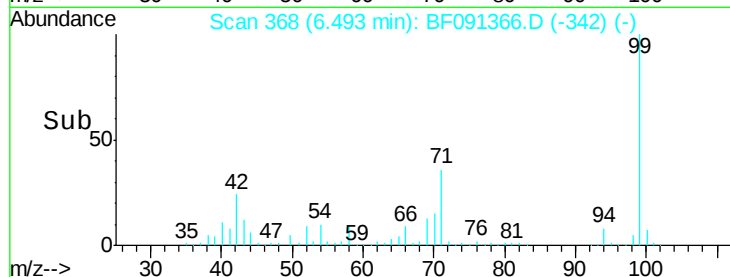
99 100

42 23.7 20.6 31.0

71 36.1 29.9 44.9



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: 40.40 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

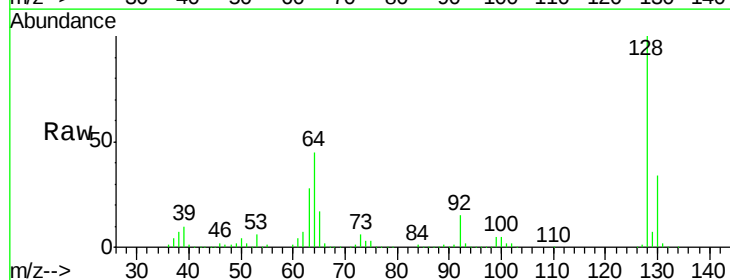
Tgt Ion: 128 Resp: 489232

Ion Ratio Lower Upper

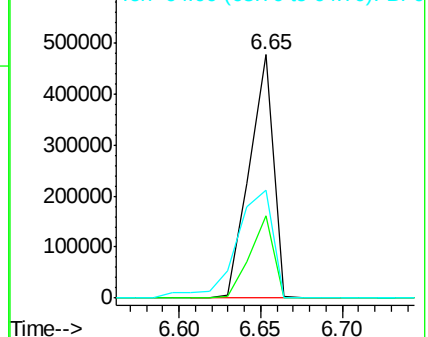
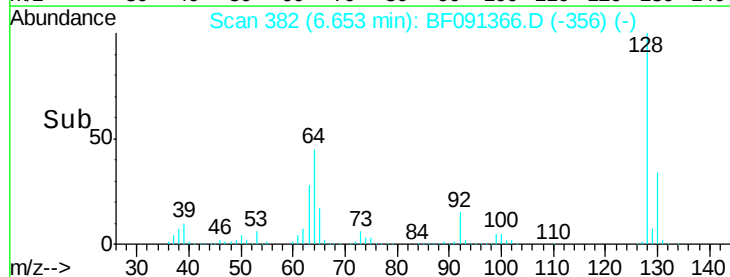
128 100

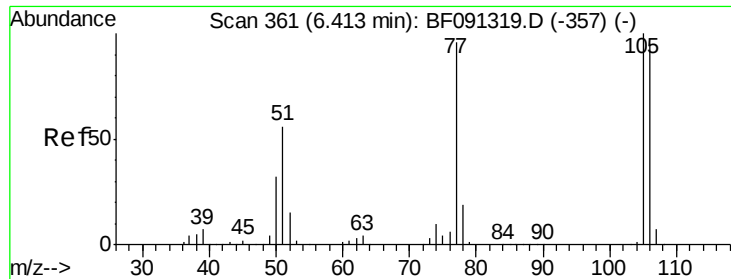
130 33.6 13.1 53.1

64 44.6 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: 29.72 ng

RT: 6.41 min Scan# 361

Delta R.T. -0.01 min

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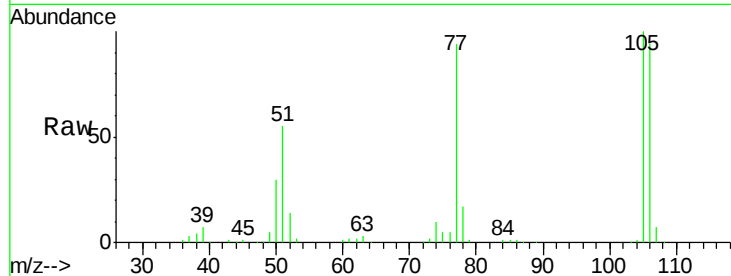
Tgt Ion: 77 Resp: 259809

Ion Ratio Lower Upper

77 100

105 106.2 66.4 106.4

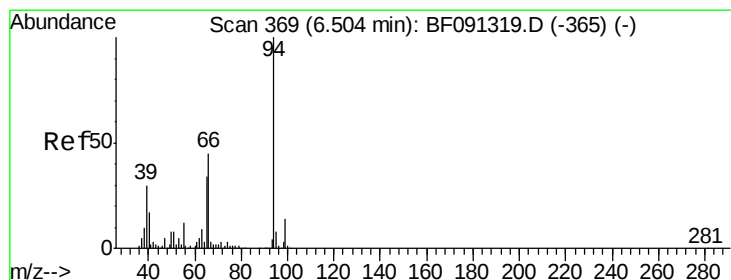
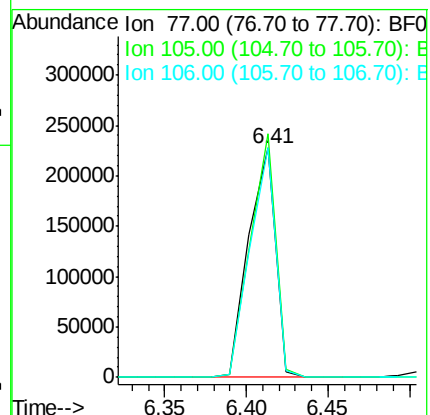
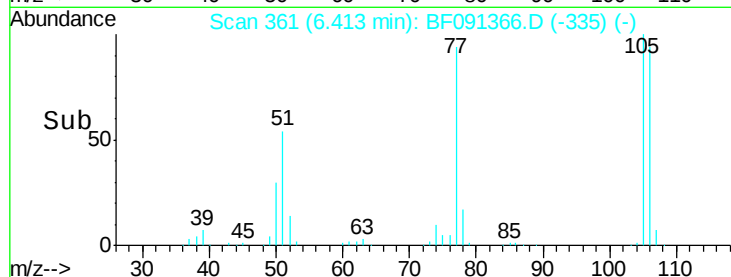
106 100.1 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.82 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091366.D

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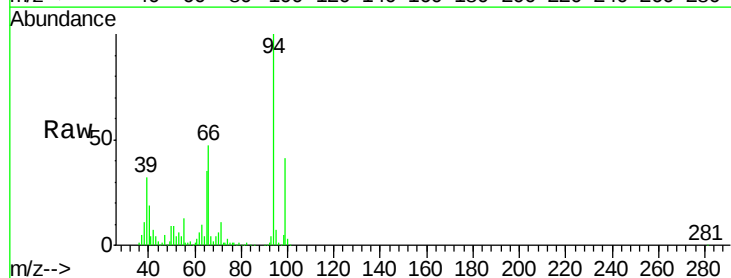
Tgt Ion: 94 Resp: 557016

Ion Ratio Lower Upper

94 100

65 35.4 16.9 56.9

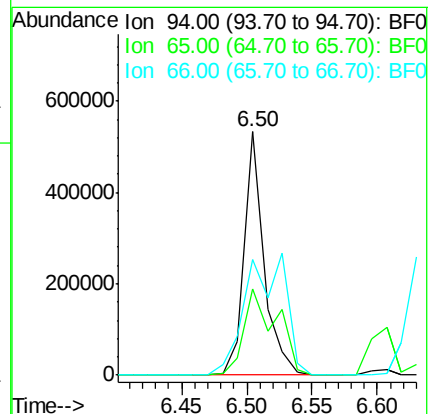
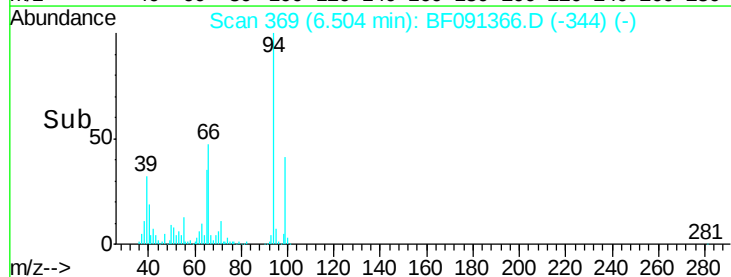
66 47.3 30.6 70.6

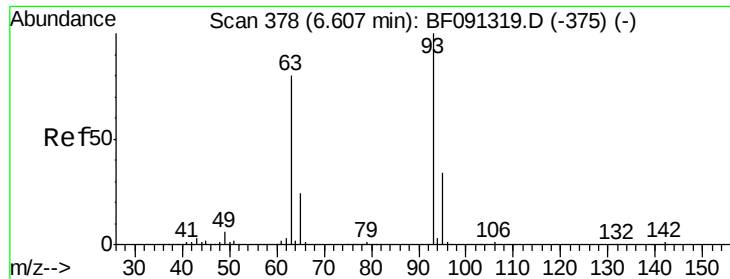


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.46 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

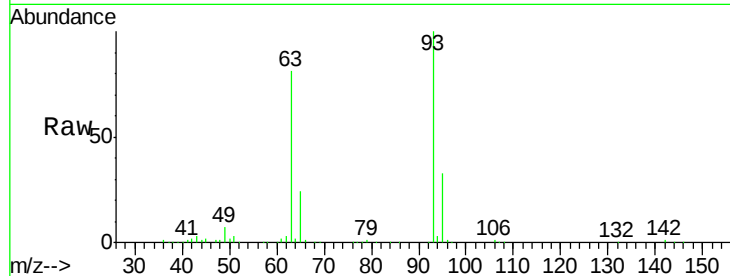
Tgt Ion: 93 Resp: 473910

Ion Ratio Lower Upper

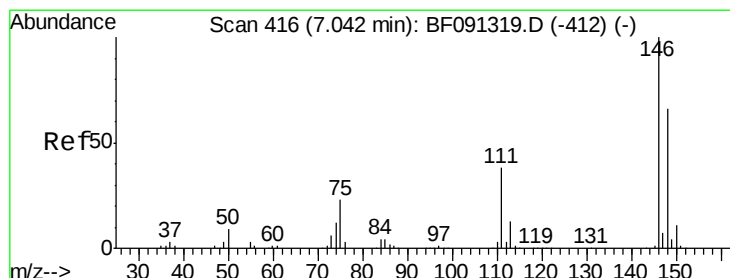
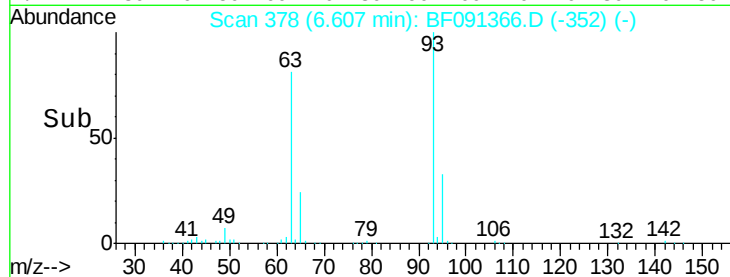
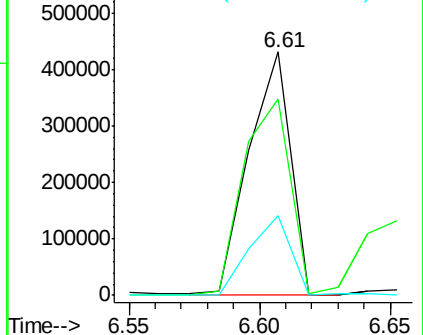
93 100

63 80.6 74.8 114.8

95 32.5 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.25 ng

RT: 7.04 min Scan# 416

Delta R.T. 0.22 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

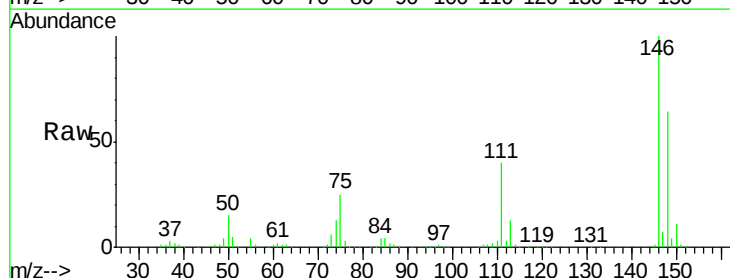
Tgt Ion: 146 Resp: 515246

Ion Ratio Lower Upper

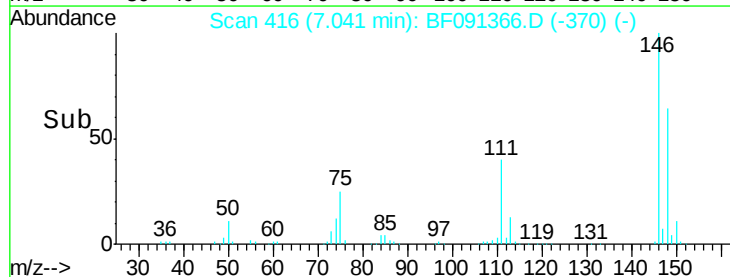
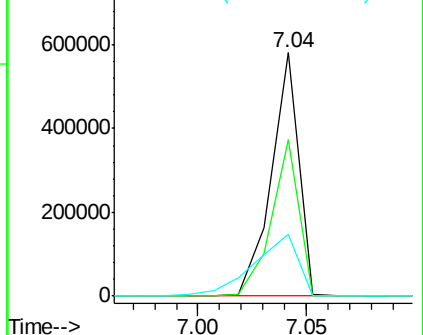
146 100

148 64.4 51.4 77.0

75 25.3 23.6 35.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

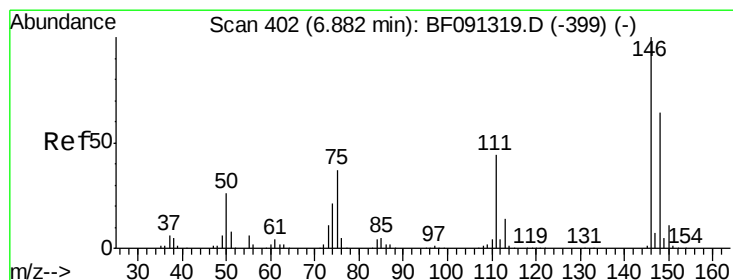
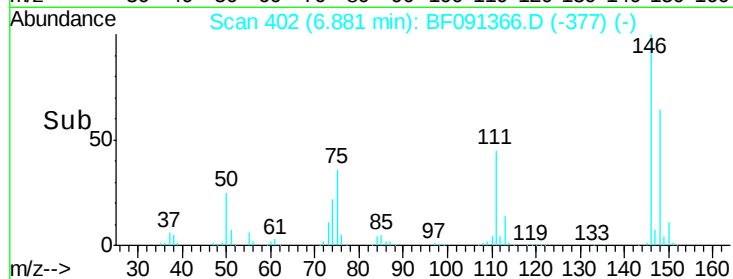
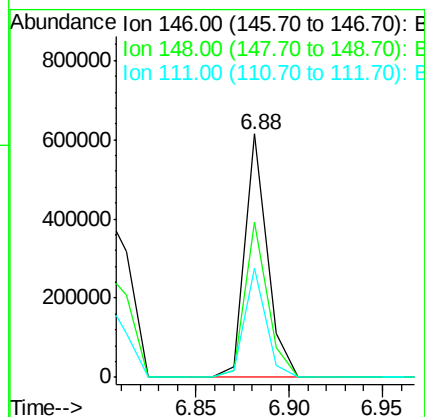
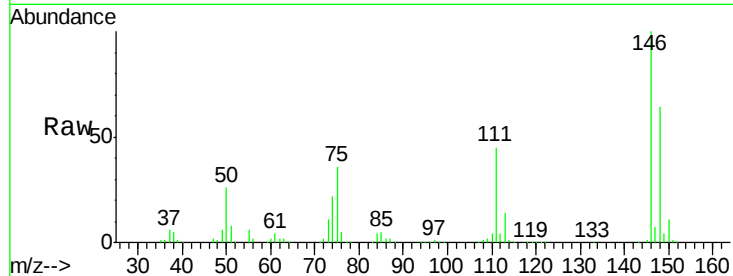




#13
 1,4-Dichlorobenzene
 Concen: 38.46 ng
 RT: 6.88 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

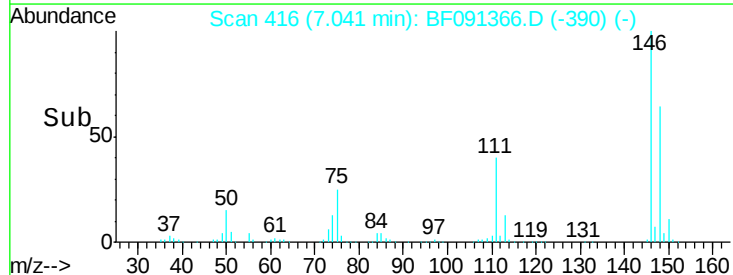
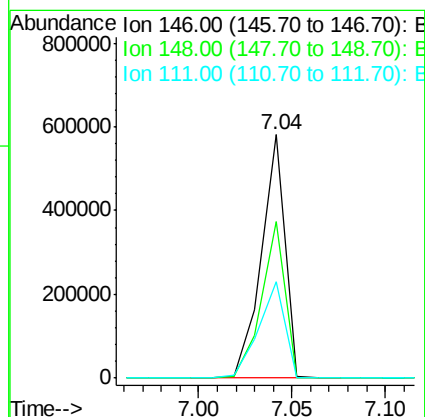
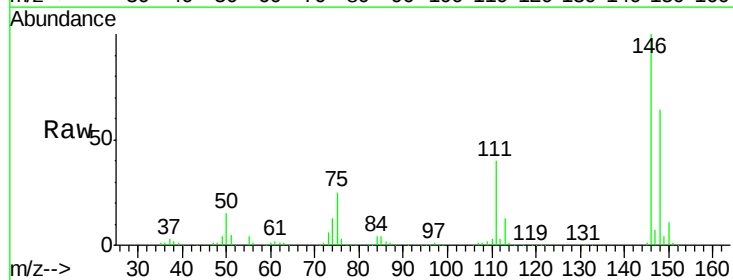
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 515321
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.0
 111 45.0 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 41.29 ng
 RT: 7.04 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion:146 Resp: 515282
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.6
 111 39.6 38.9 58.3





#15

Benzyl Alcohol

Concen: 39.11 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

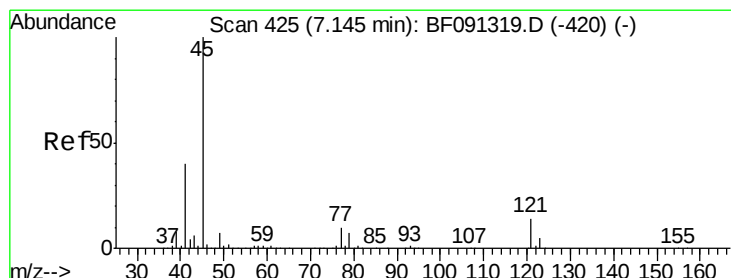
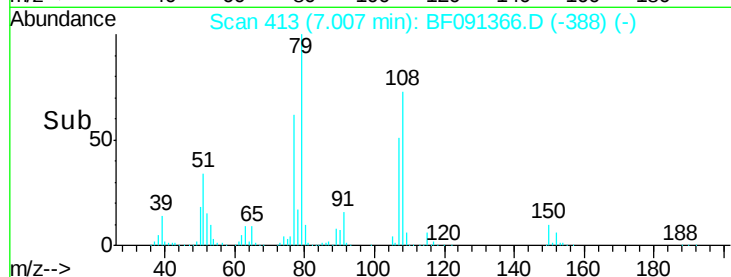
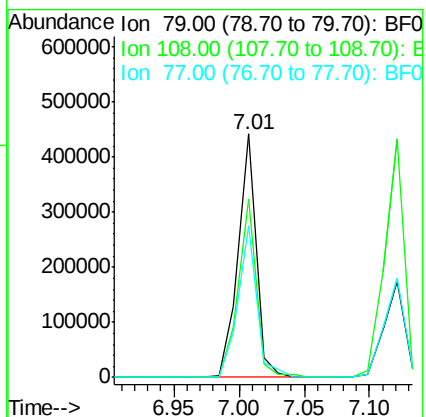
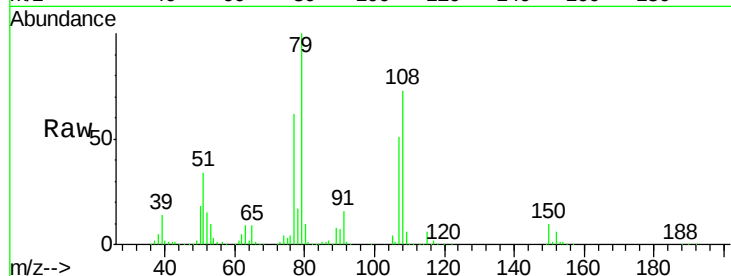
Tgt Ion: 79 Resp: 425541

Ion Ratio Lower Upper

79 100

108 73.5 62.7 94.1

77 62.1 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.12 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

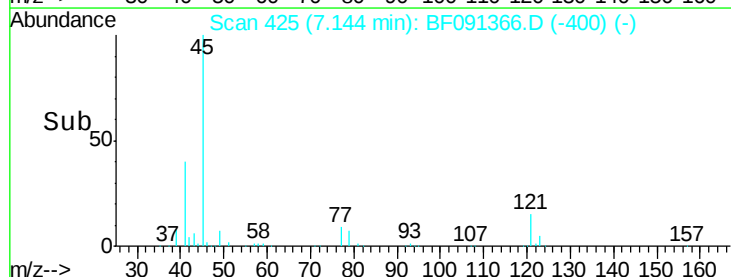
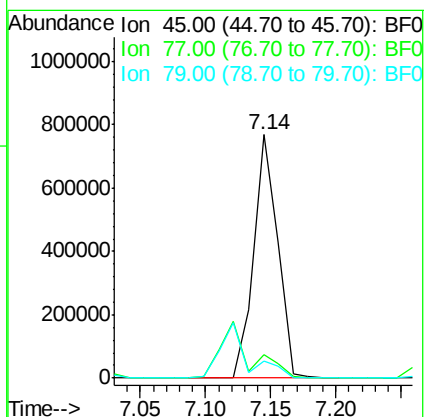
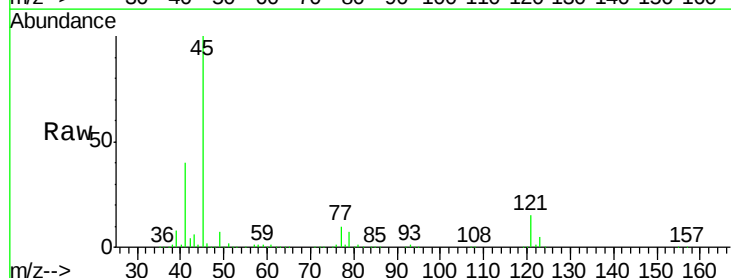
Tgt Ion: 45 Resp: 986012

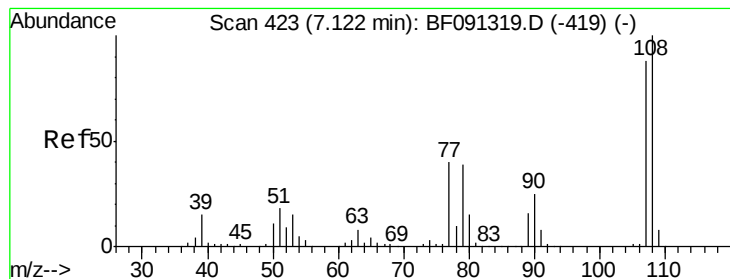
Ion Ratio Lower Upper

45 100

77 9.5 3.8 43.8

79 7.1 0.2 40.2





#17

2-Methylphenol

Concen: 40.76 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 390131

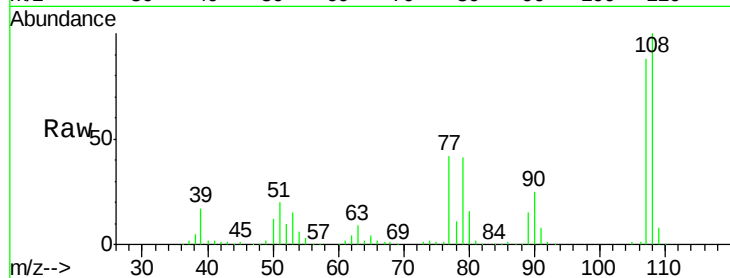
Ion Ratio Lower Upper

107 100

108 113.8 67.7 101.5#

77 47.3 40.7 61.1

79 46.1 23.4 35.2#

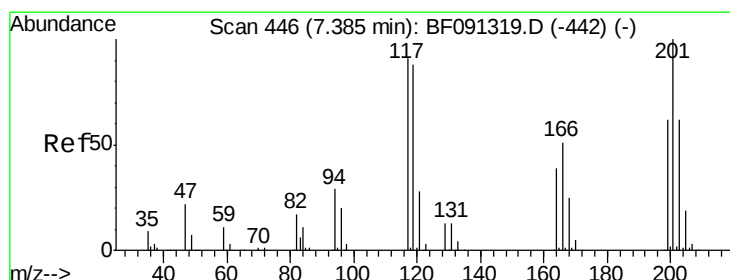
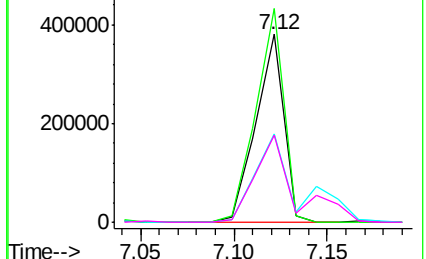
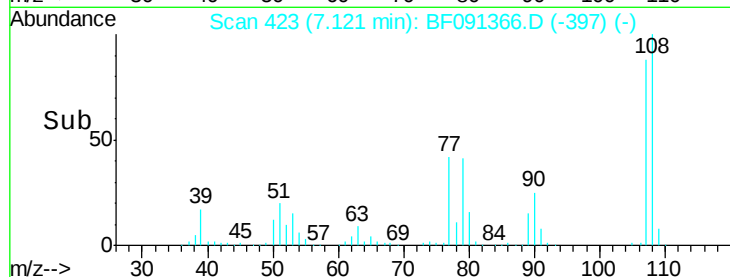


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.21 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

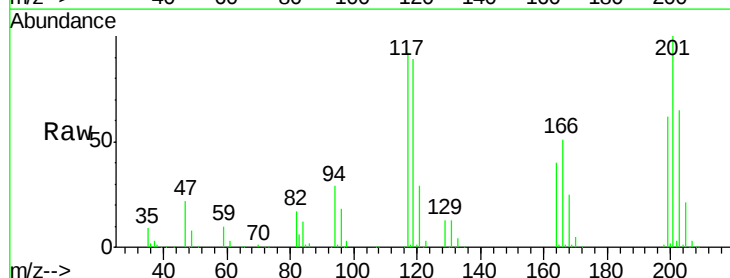
Tgt Ion:117 Resp: 191296

Ion Ratio Lower Upper

117 100

119 96.8 78.6 118.0

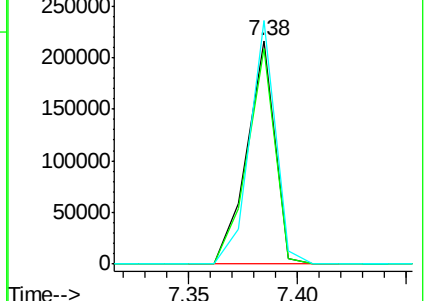
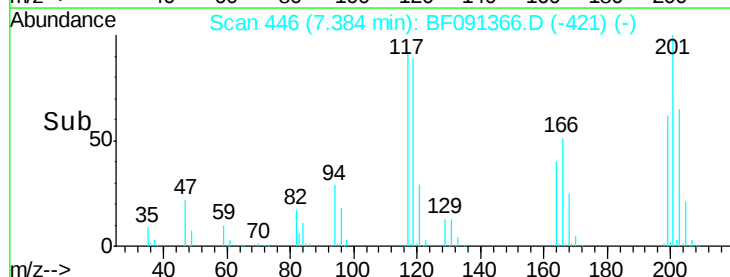
201 109.0 86.7 130.1

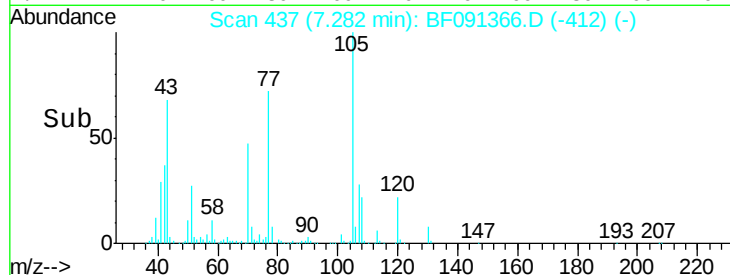
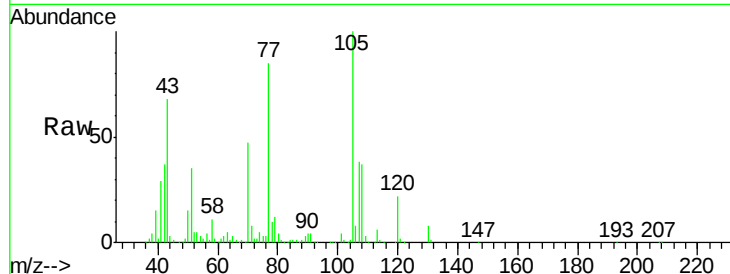
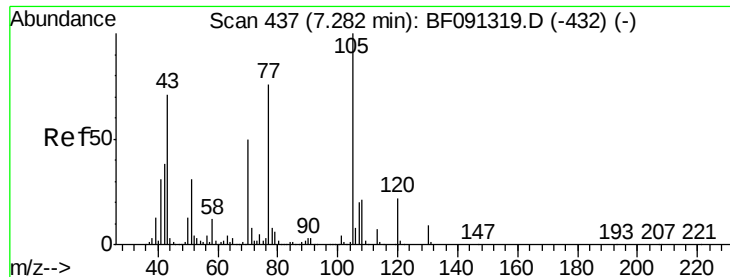


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

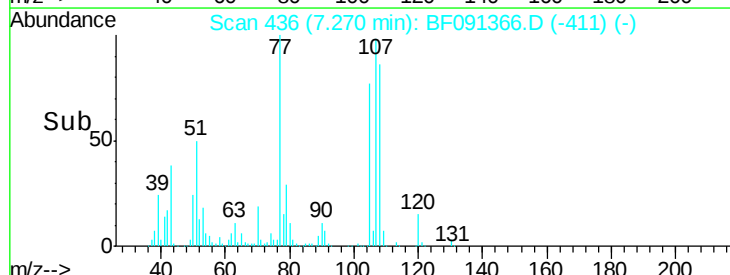
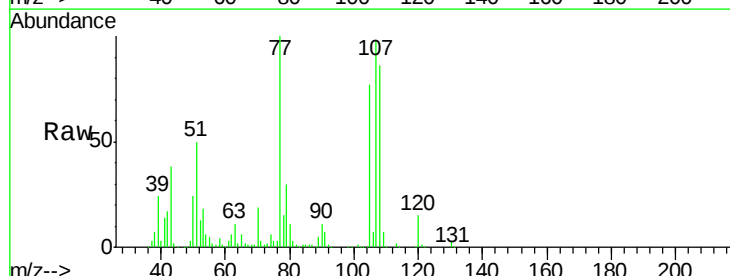
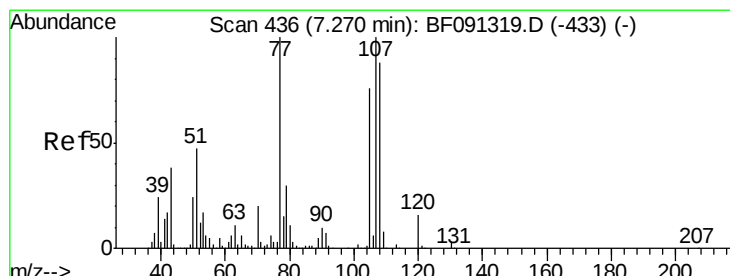
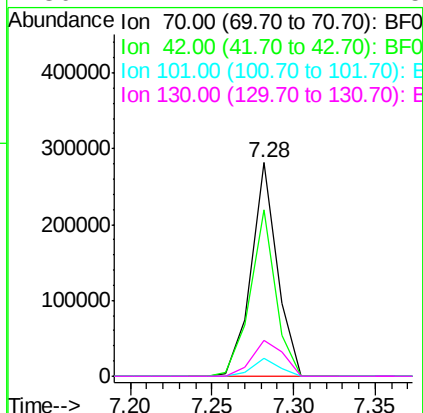




#19
n-Nitroso-di-n-propylamine
Concen: 36.58 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

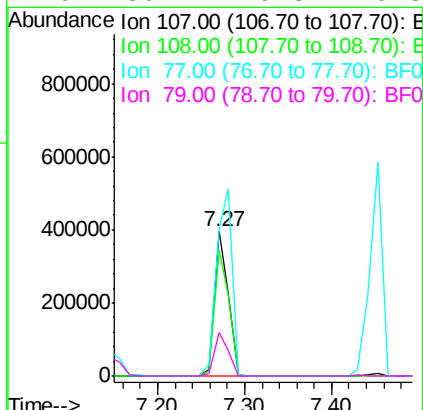
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

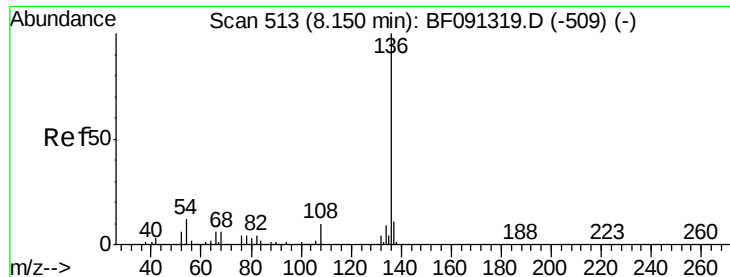
Tgt Ion	Ratio	Lower	Upper
70	100		
42	77.8	64.8	97.2
101	8.4	6.2	9.4
130	17.1	11.7	17.5



#20
3+4-Methylphenols
Concen: 37.95 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	64.6	104.6
77	101.7	30.9	70.9
79	30.2	9.3	49.3

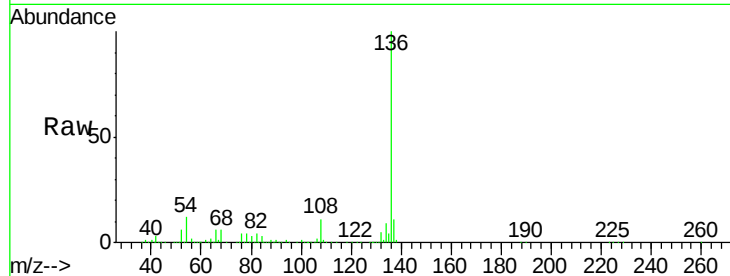




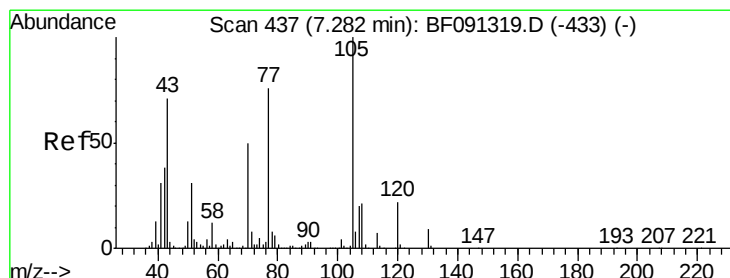
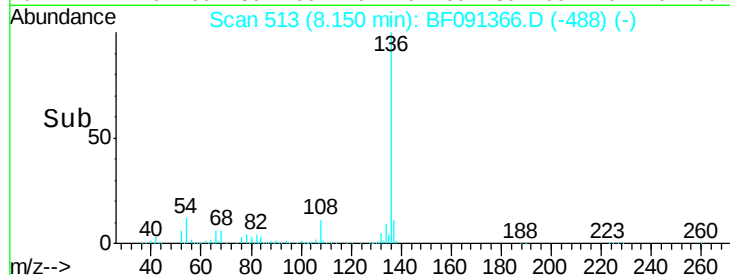
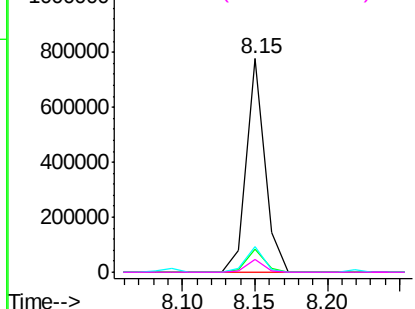
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	688048
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	11.7	9.1	13.7
68	6.0	5.9	8.9

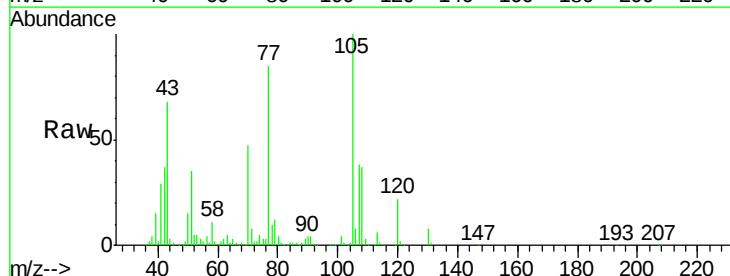


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

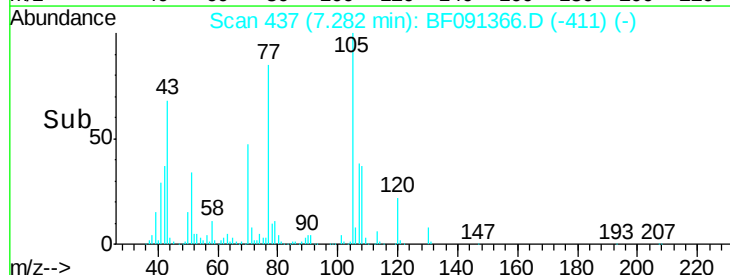
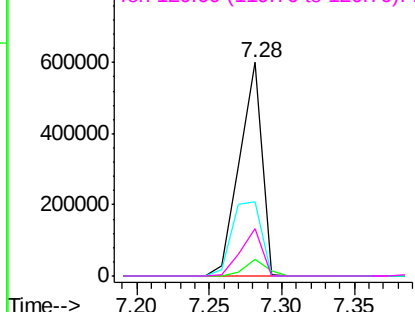


#22
Acetophenone
Concen: 39.71 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion:	105	Resp:	647603
Ion	Ratio	Lower	Upper
105	100		
71	7.7	7.9	11.9#
51	34.7	24.5	36.7
120	22.0	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

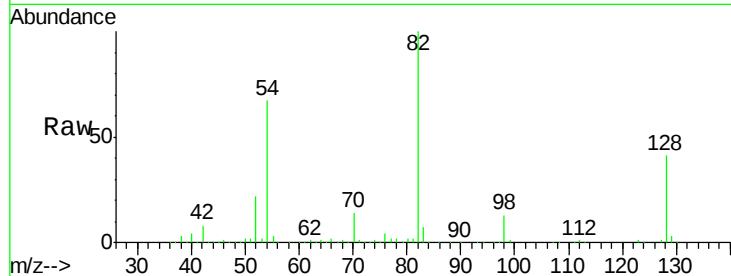




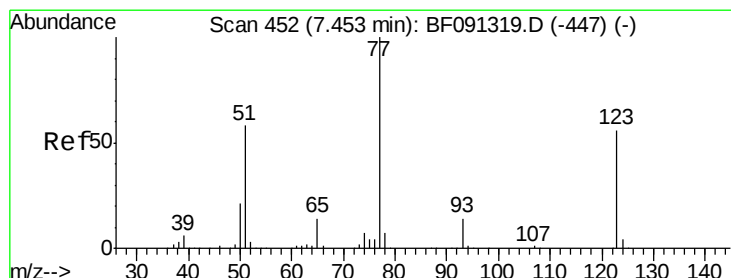
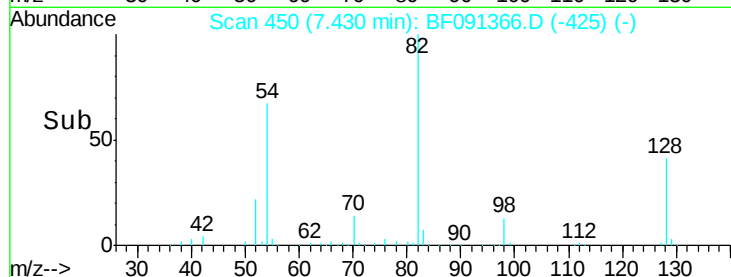
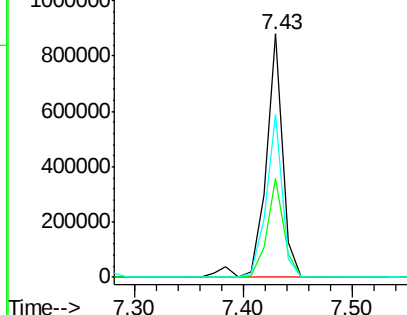
#23
Nitrobenzene-d5
Concen: 76.78 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 942679
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 67.2 49.1 73.7

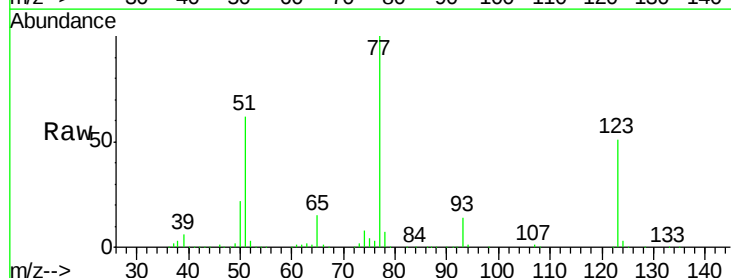


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

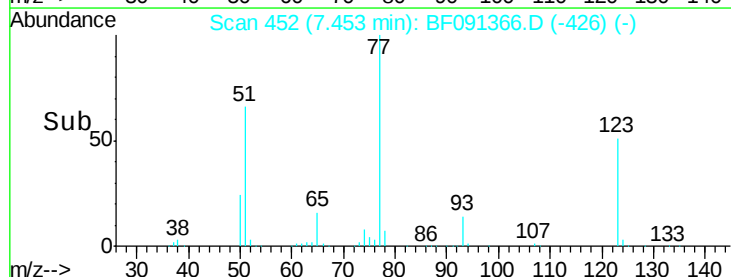
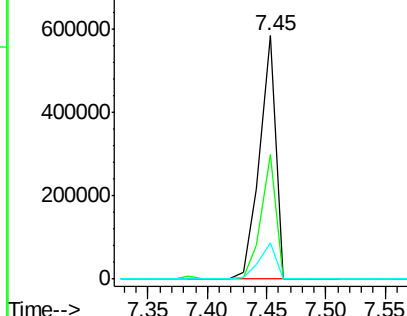


#24
Nitrobenzene
Concen: 44.91 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion: 77 Resp: 564572
Ion Ratio Lower Upper
77 100
123 51.1 28.5 42.7#
65 14.9 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.98 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

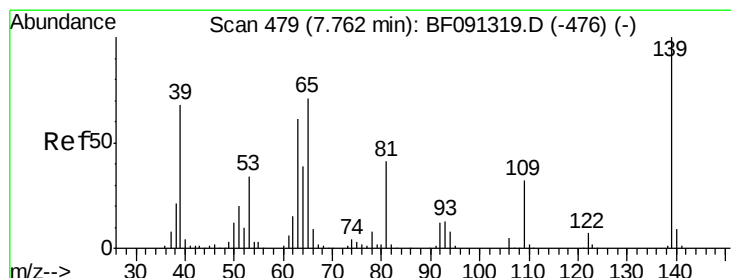
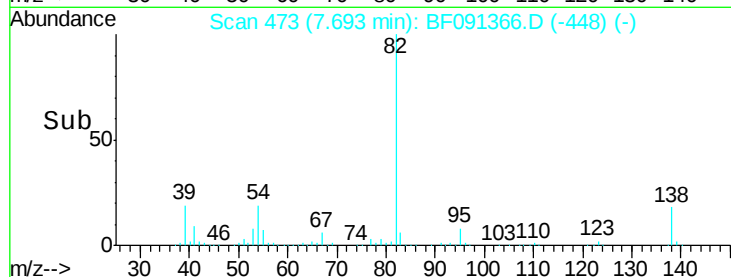
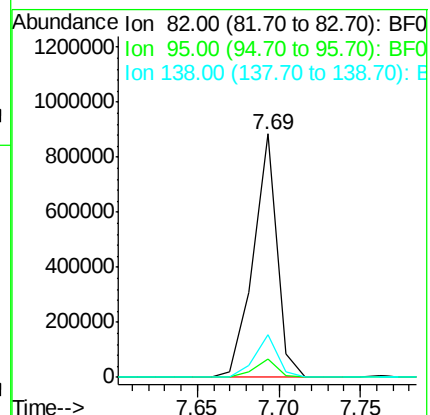
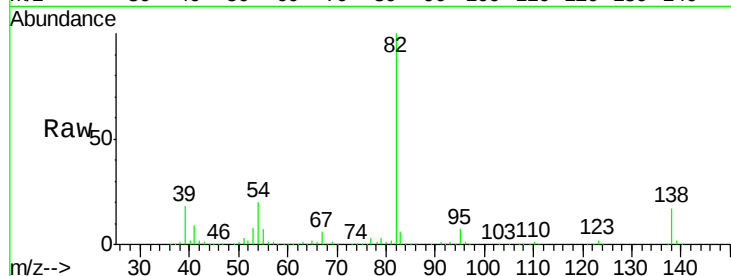
Tgt Ion: 82 Resp: 891402

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

138 17.4 13.4 20.0



#26

2-Nitrophenol

Concen: 38.60 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

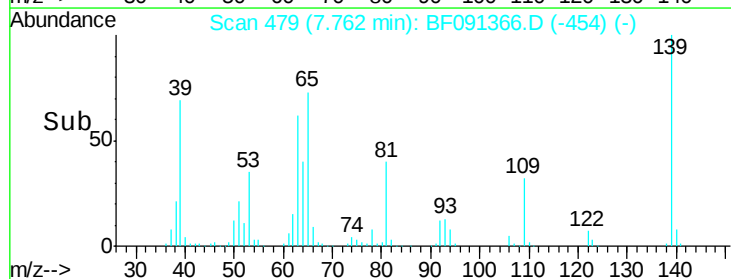
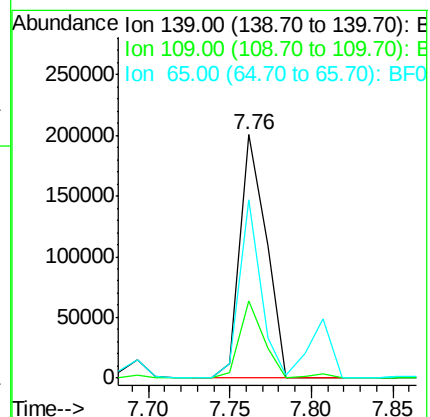
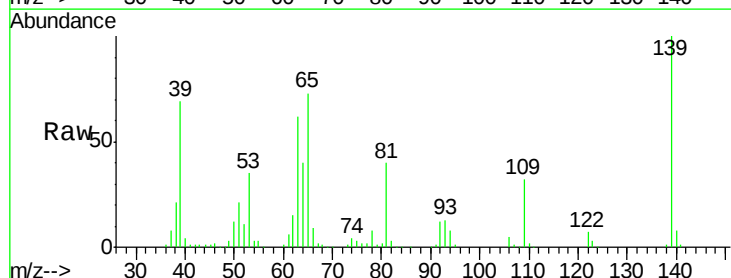
Tgt Ion: 139 Resp: 221135

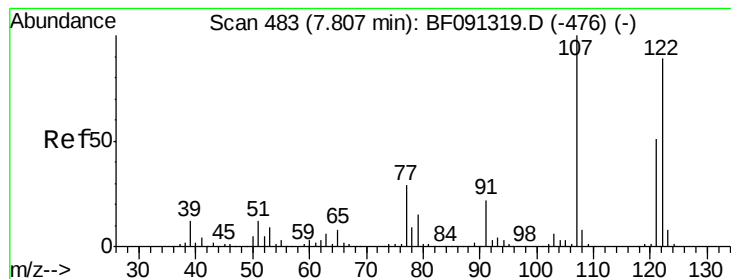
Ion Ratio Lower Upper

139 100

109 31.9 25.3 37.9

65 73.4 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 42.02 ng

RT: 7.81 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

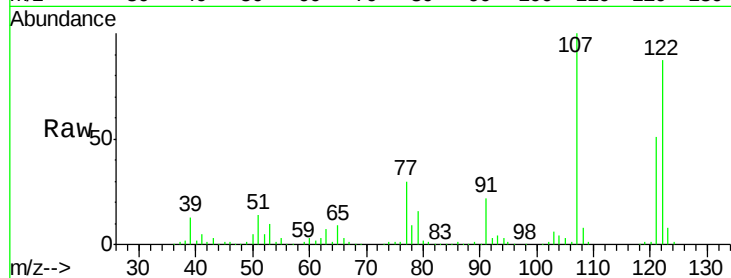
Tgt Ion:122 Resp: 450251

Ion Ratio Lower Upper

122 100

107 114.8 96.8 145.2

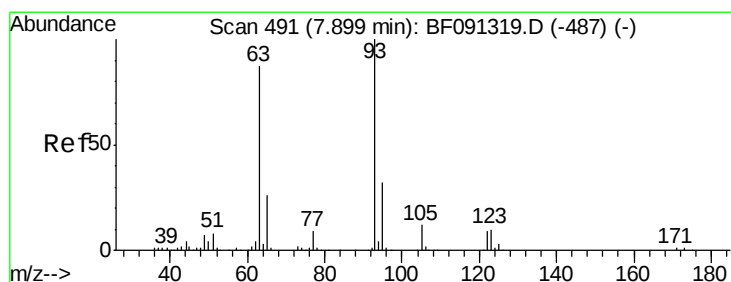
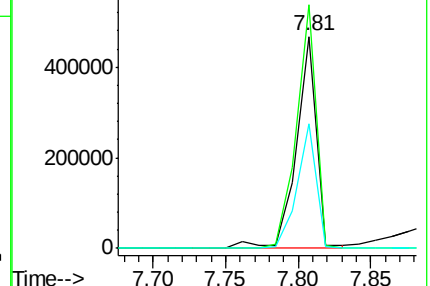
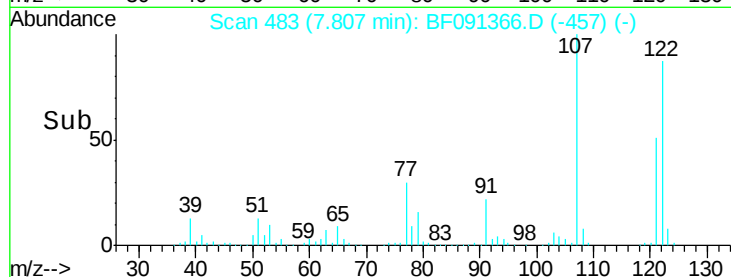
121 58.9 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.43 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF091366.D

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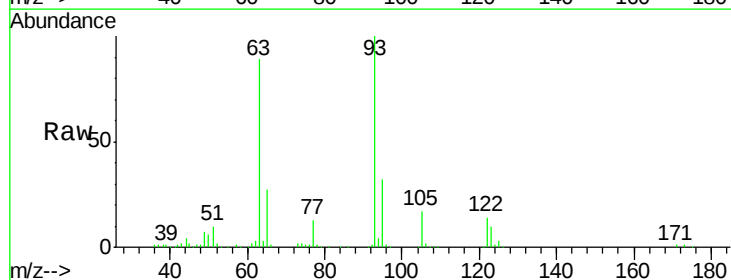
Tgt Ion: 93 Resp: 503185

Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

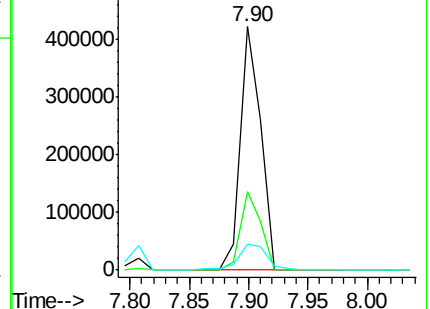
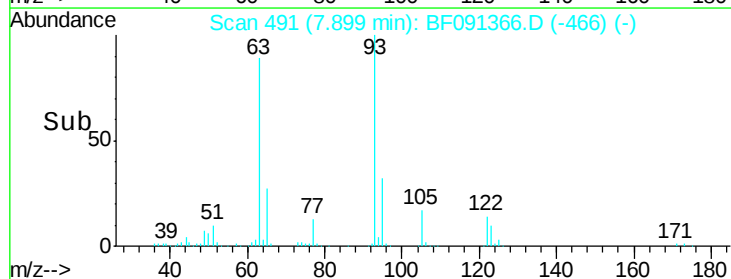
123 10.5 8.6 12.8

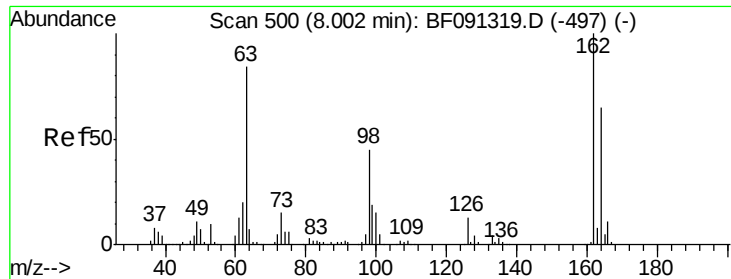


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

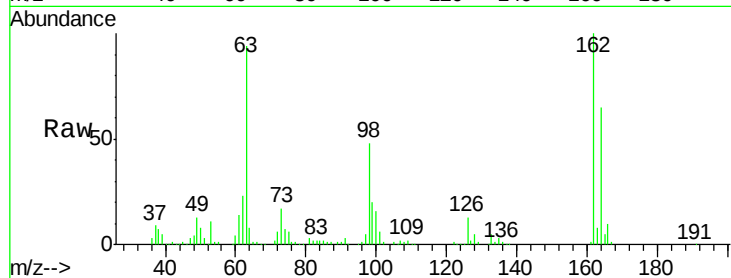




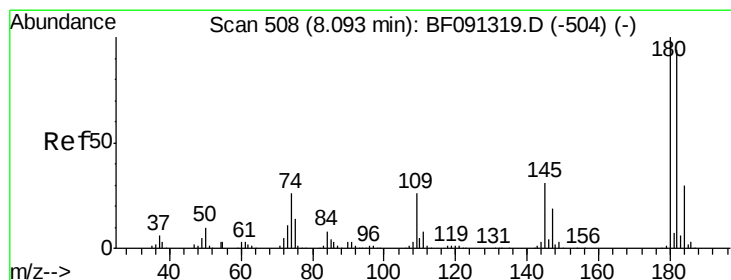
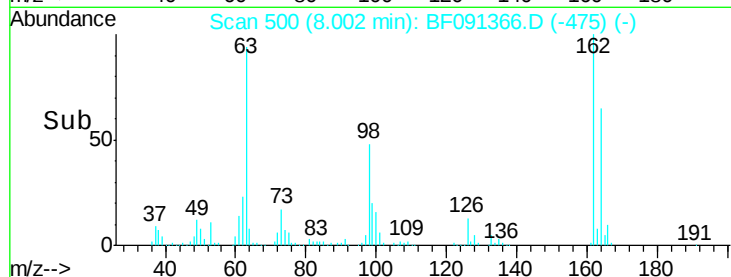
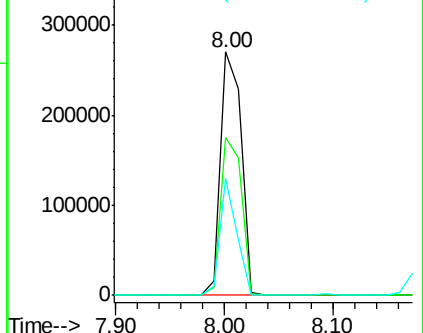
#29
2,4-Dichlorophenol
Concen: 37.89 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:162 Resp: 357229
Ion Ratio Lower Upper
162 100
164 64.7 45.0 85.0
98 48.2 21.3 61.3

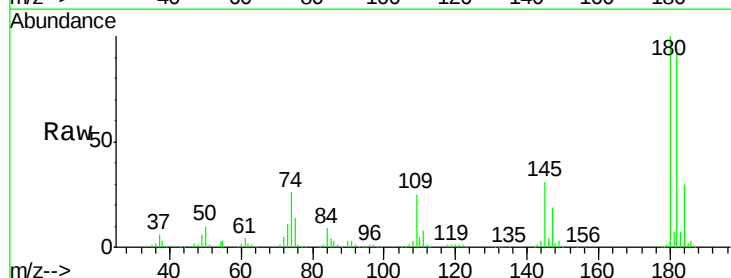


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

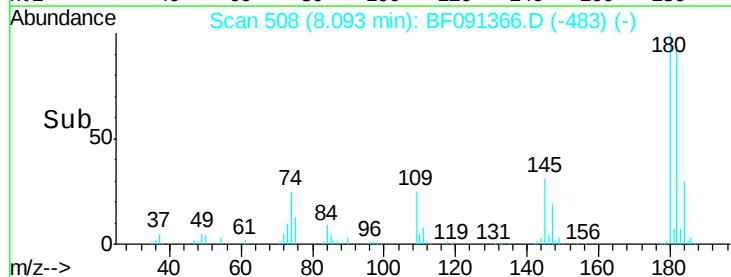
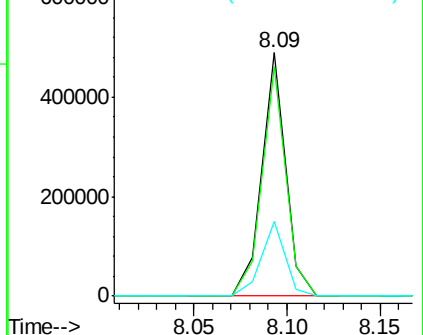


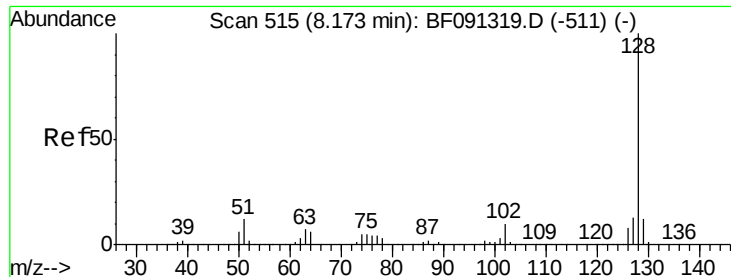
#30
1,2,4-Trichlorobenzene
Concen: 40.82 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion:180 Resp: 431366
Ion Ratio Lower Upper
180 100
182 94.2 75.8 113.8
145 30.8 27.0 40.4



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

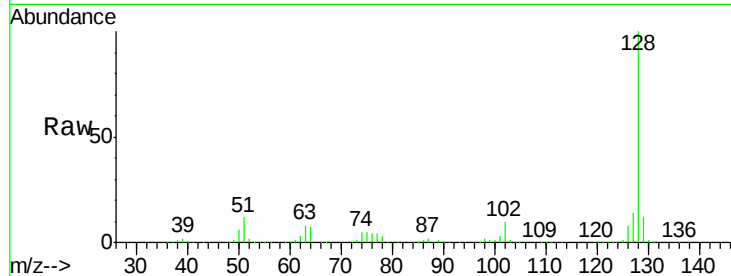




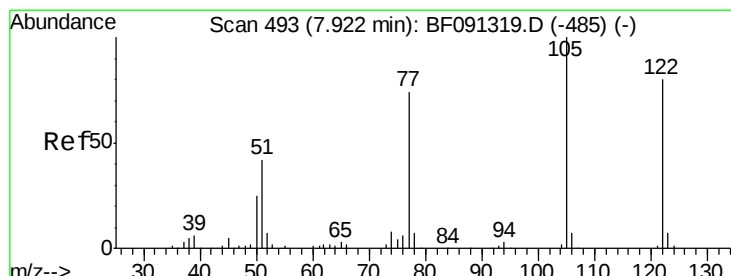
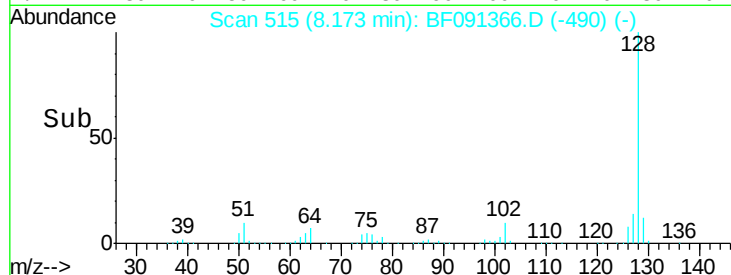
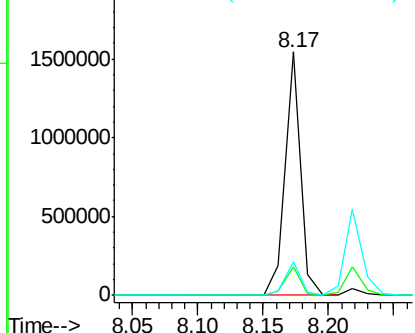
#31
Naphthalene
Concen: 39.33 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1286015
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.7 11.0 16.4

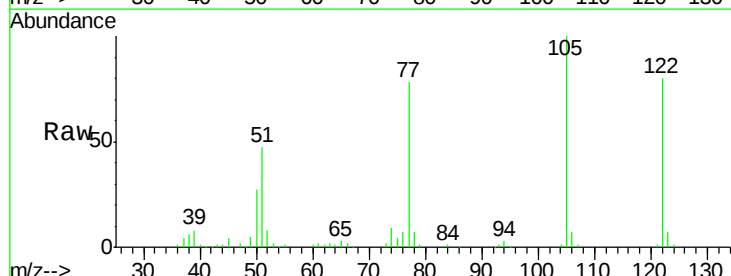


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

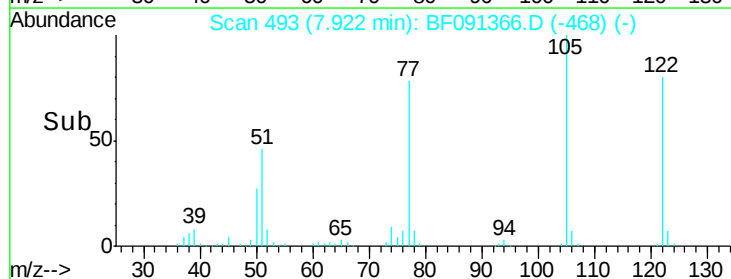
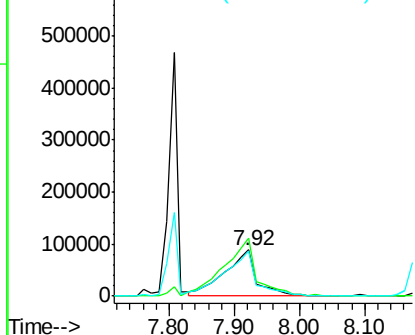


#32
Benzoic acid
Concen: 37.74 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion:122 Resp: 298137
Ion Ratio Lower Upper
122 100
105 124.7 113.0 153.0
77 97.0 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

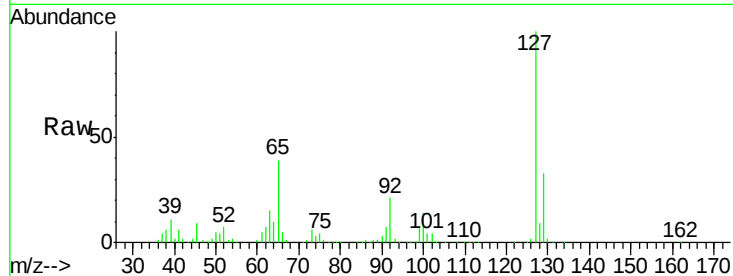




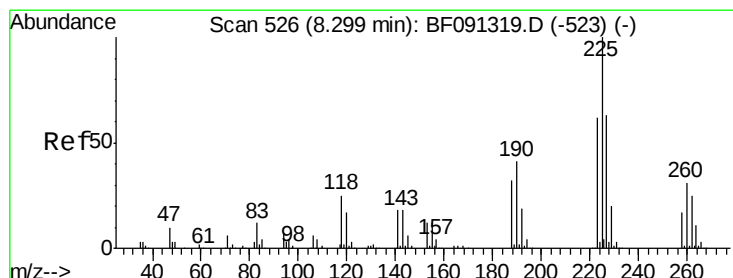
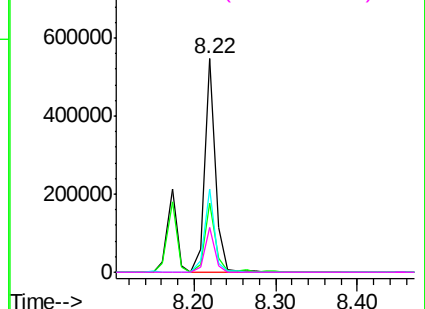
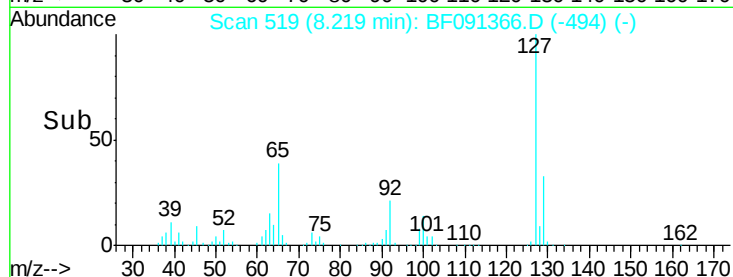
#33
4-Chloroaniline
Concen: 36.48 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	510000
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	39.2	26.6	39.8
92	21.0	15.4	23.0

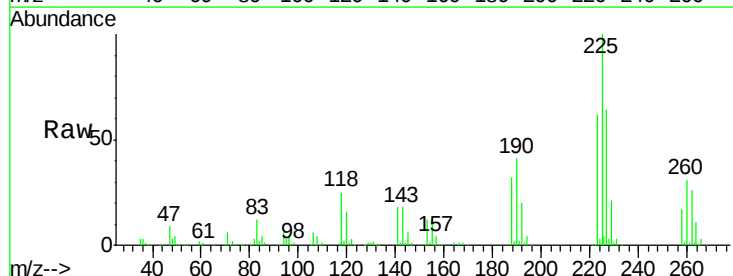


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

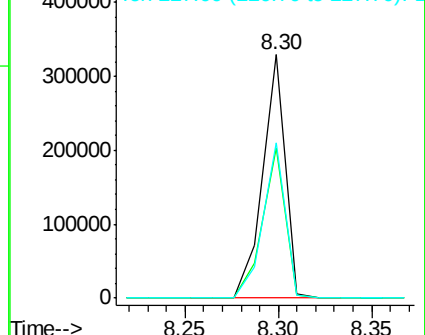
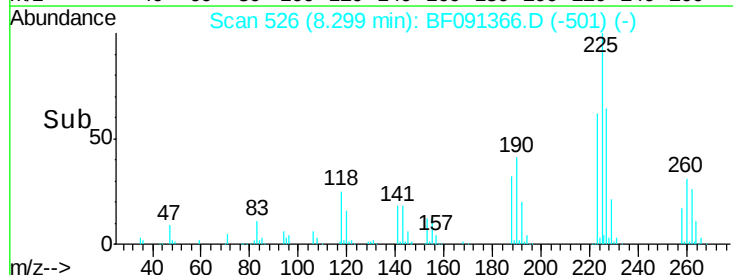


#34
Hexachlorobutadiene
Concen: 43.01 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion:	225	Resp:	279491
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.8	74.6
227	63.9	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

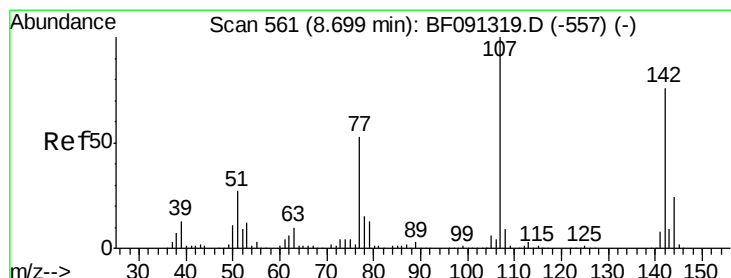
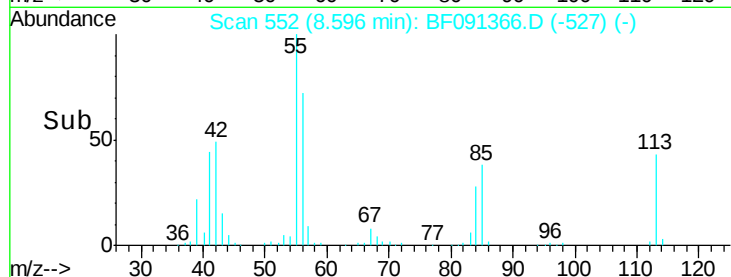
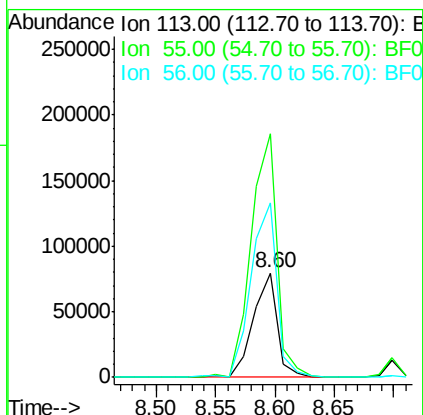
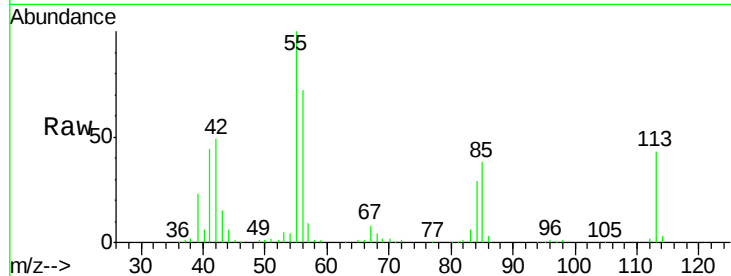




#35
 Caprolactam
 Concen: 41.75 ng
 RT: 8.60 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

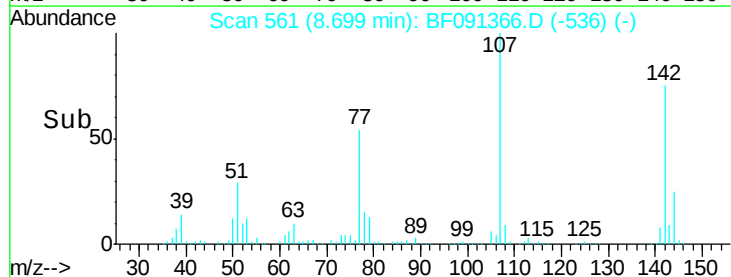
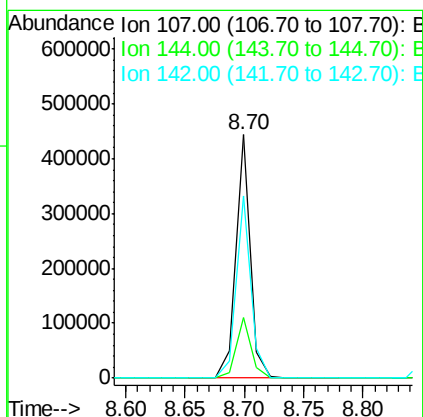
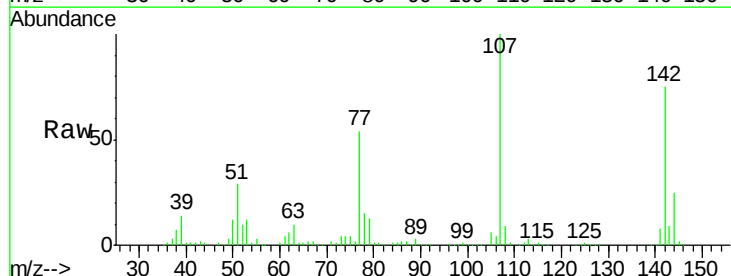
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

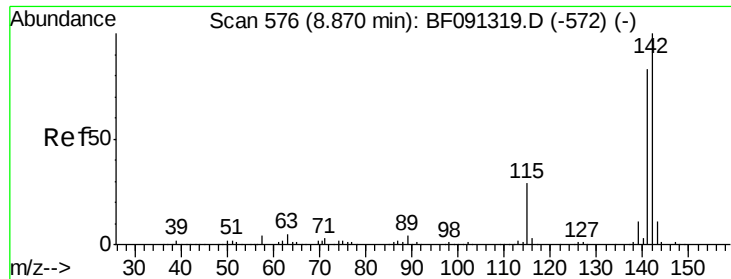
Tgt Ion:113 Resp: 113117
 Ion Ratio Lower Upper
 113 100
 55 233.1 239.8 279.8#
 56 167.2 165.6 205.6



#36
 4-Chloro-3-methylphenol
 Concen: 36.88 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion:107 Resp: 375347
 Ion Ratio Lower Upper
 107 100
 144 24.7 18.9 28.3
 142 74.8 58.5 87.7

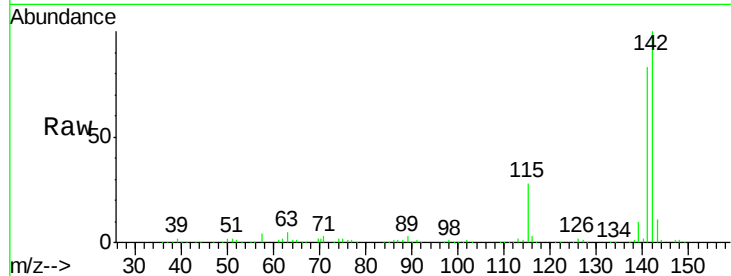




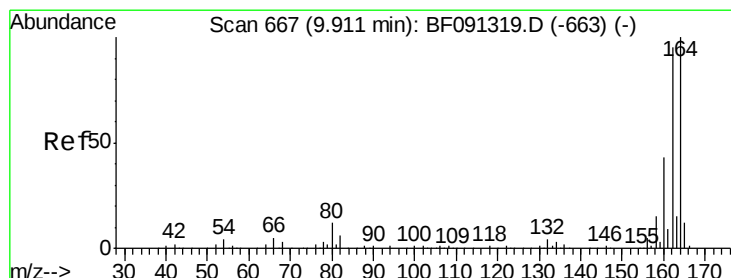
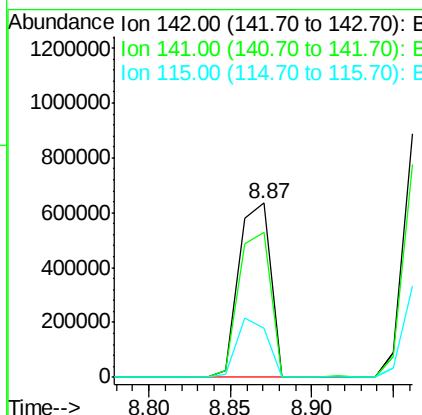
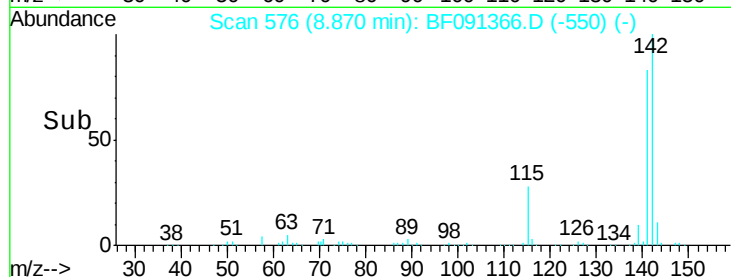
#37
2-Methylnaphthalene
Concen: 38.44 ng
RT: 8.87 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 853880
Ion Ratio Lower Upper
142 100
141 83.0 71.7 107.5
115 28.2 25.0 37.6

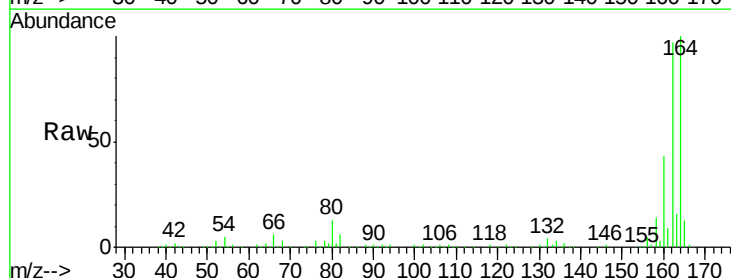


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

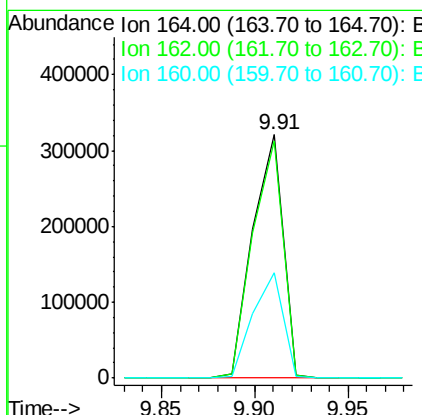
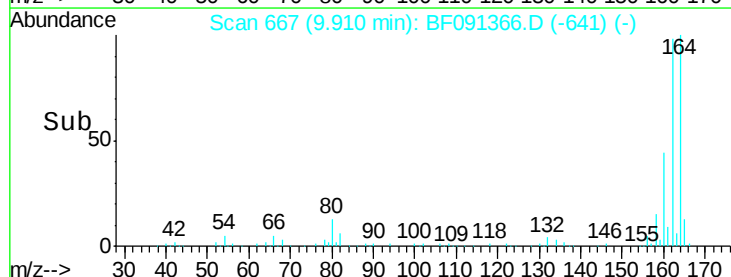


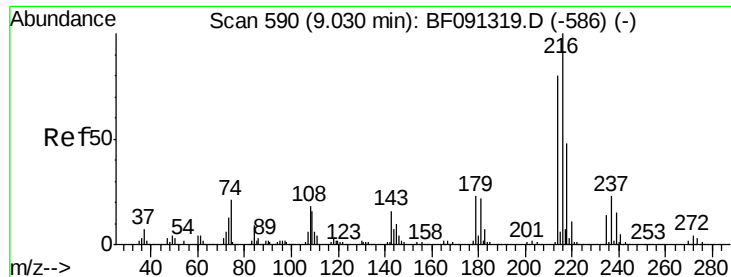
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion:164 Resp: 360741
Ion Ratio Lower Upper
164 100
162 97.2 82.6 124.0
160 43.2 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

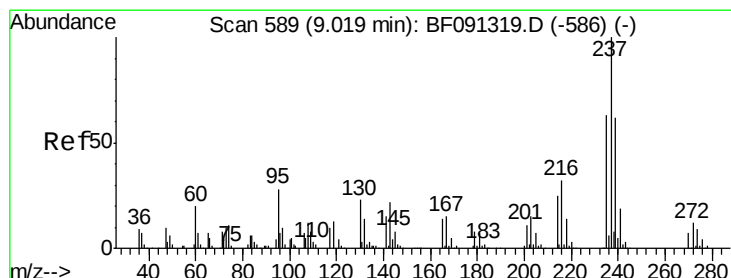
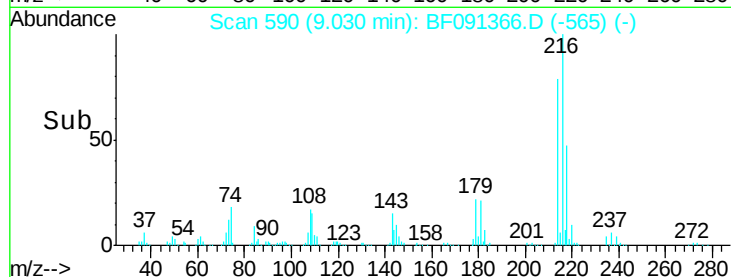
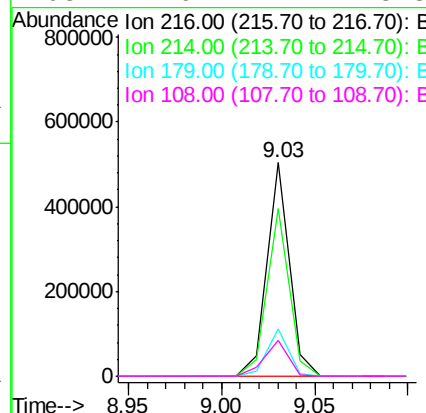
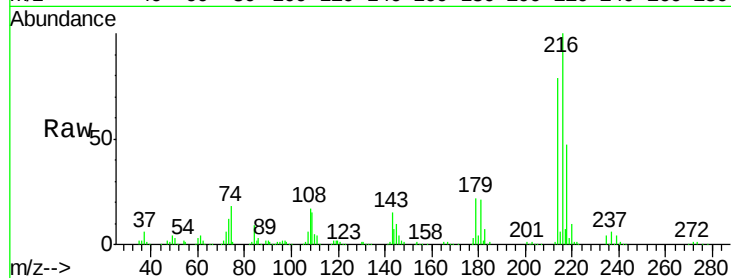




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.79 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

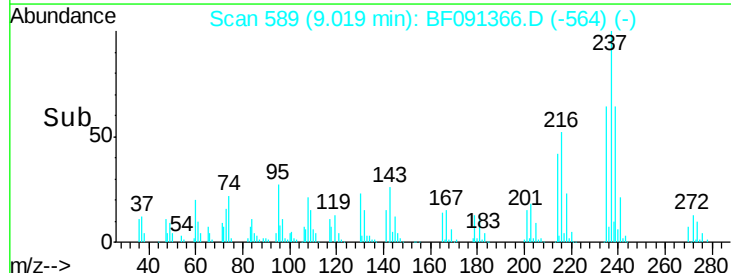
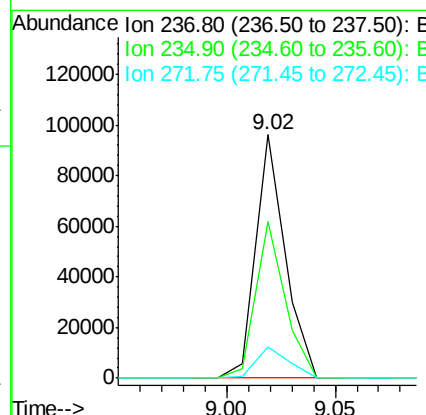
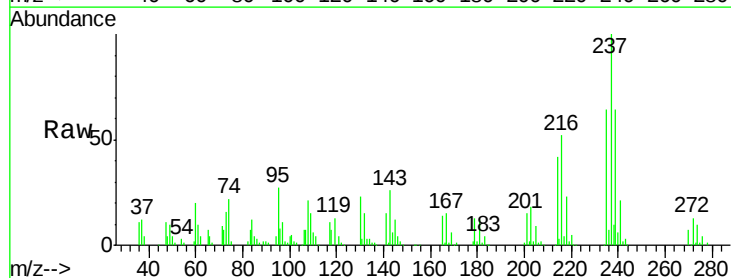
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

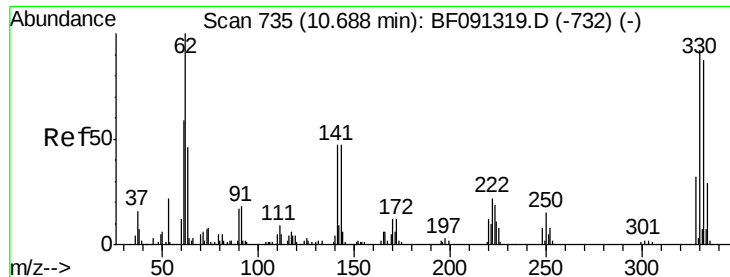
Tgt Ion:	216	Resp:	414854
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	21.7	18.2	27.2
108	17.9	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 19.14 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion:	237	Resp:	90226
Ion	Ratio	Lower	Upper
237	100		
235	64.3	43.9	83.9
272	12.8	0.0	33.1

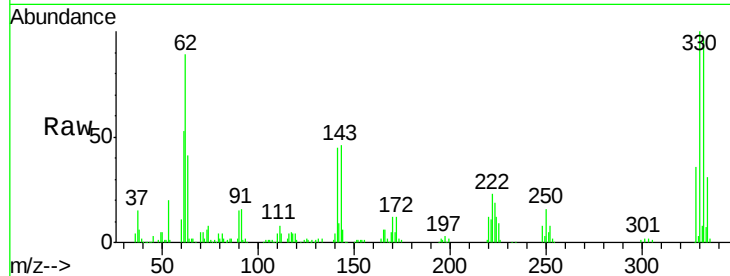




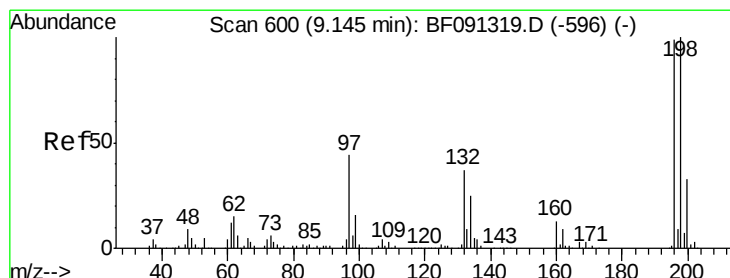
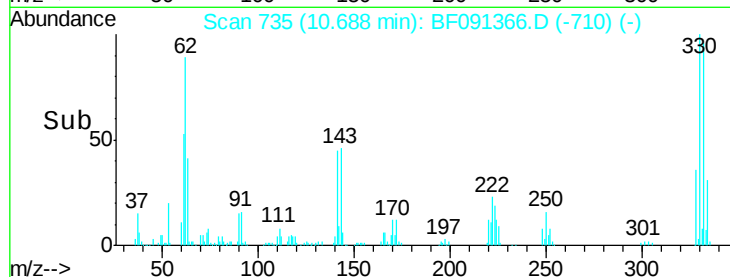
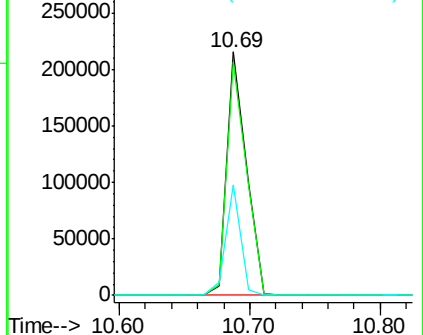
#41
 2,4,6-Tribromophenol
 Concen: 65.51 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	35.5	33.6	50.4

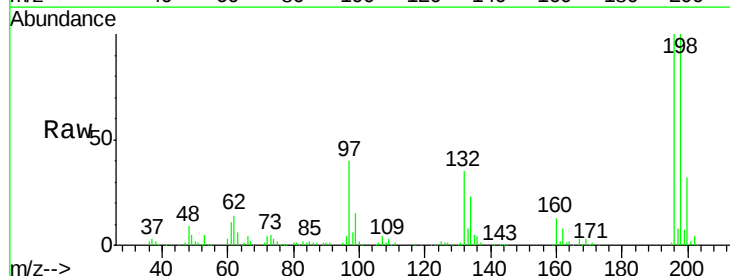


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

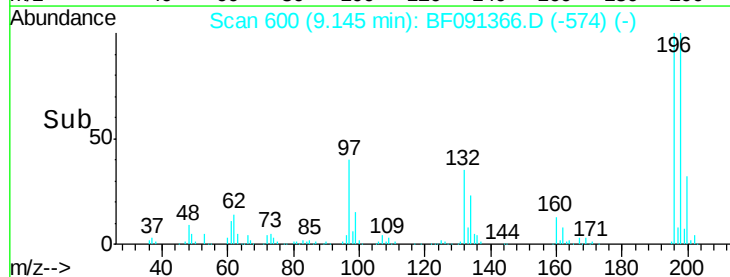
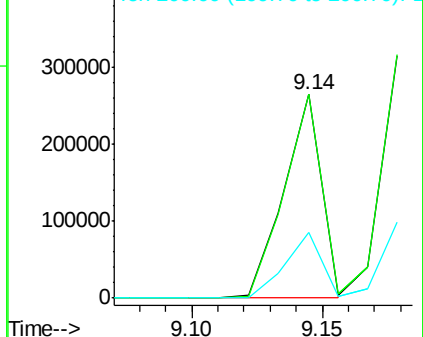


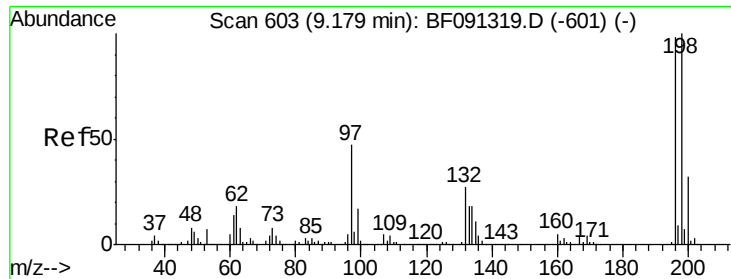
#42
 2,4,6-Trichlorophenol
 Concen: 39.80 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.9	77.4	116.0
200	32.1	25.2	37.8



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

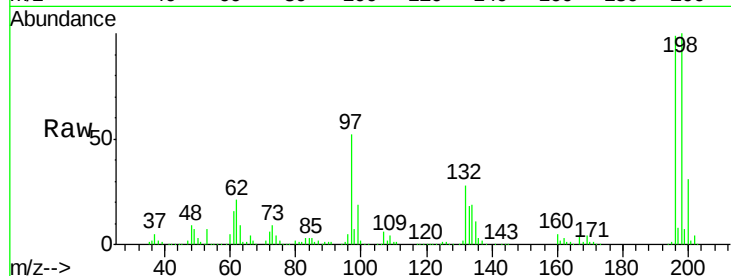




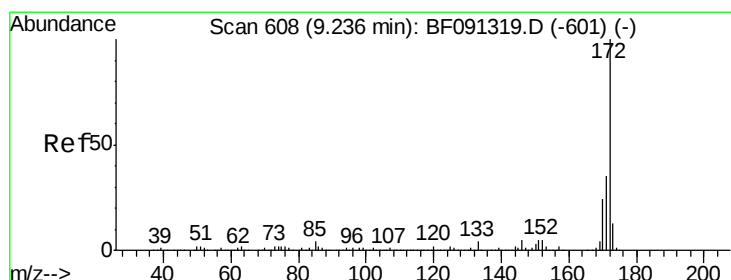
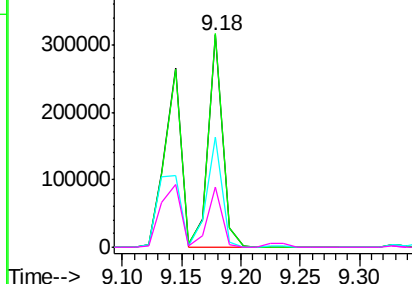
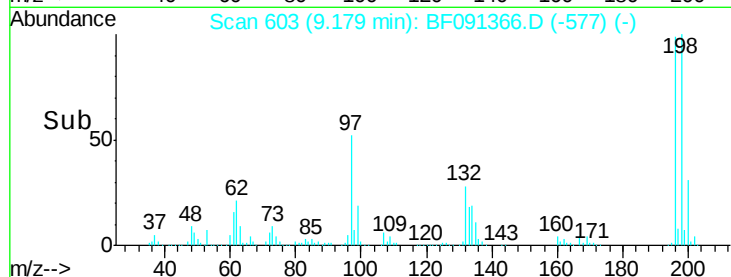
#43
 2,4,5-Trichlorophenol
 Concen: 40.15 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 265952
 Ion Ratio Lower Upper
 196 100
 198 100.6 77.0 115.6
 97 52.0 33.5 50.3#
 132 28.4 20.5 30.7

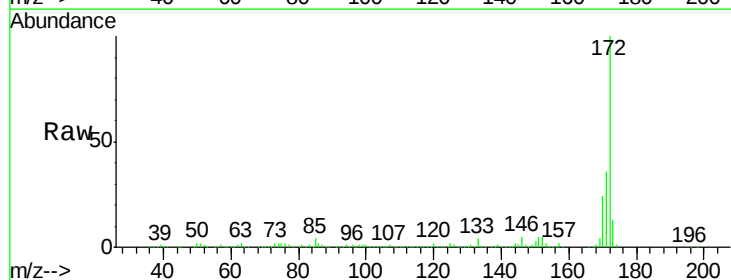


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

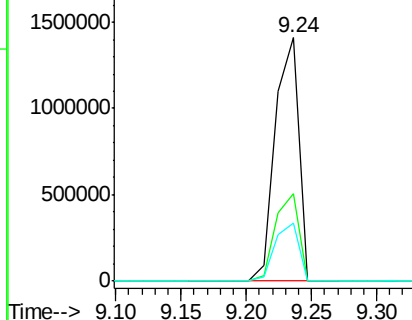
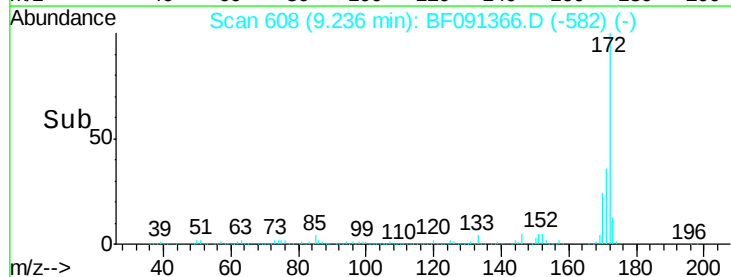


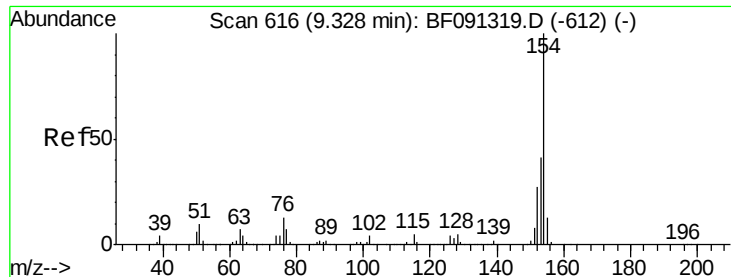
#44
 2-Fluorobiphenyl
 Concen: 89.78 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion:172 Resp: 1788649
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.8 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

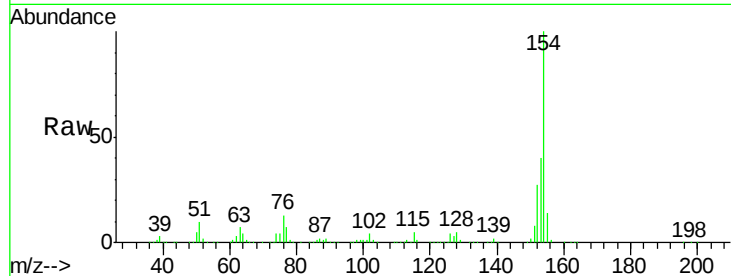




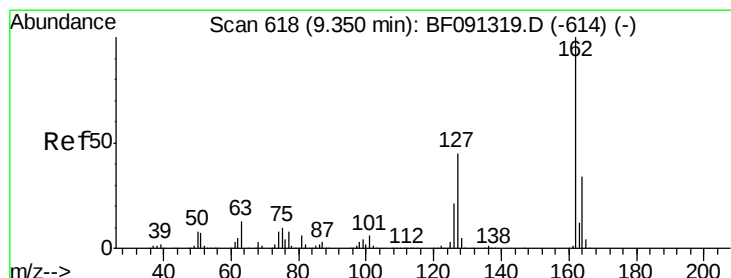
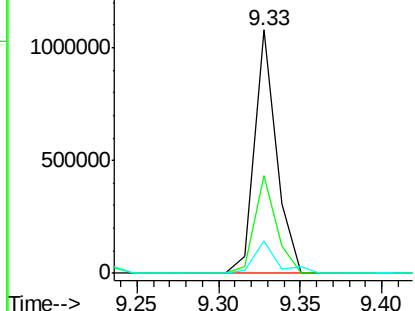
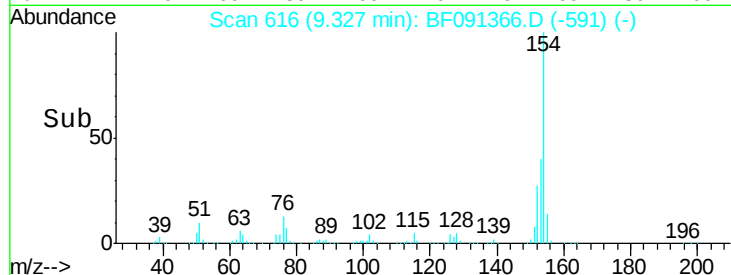
#45
 1,1'-Biphenyl
 Concen: 38.70 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1003751
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.6 60.6
 76 13.1 0.0 36.6

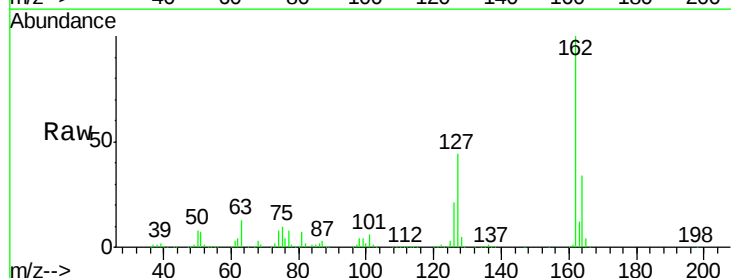


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

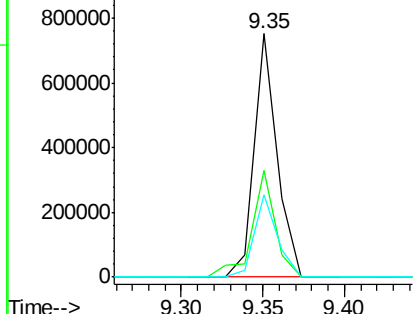
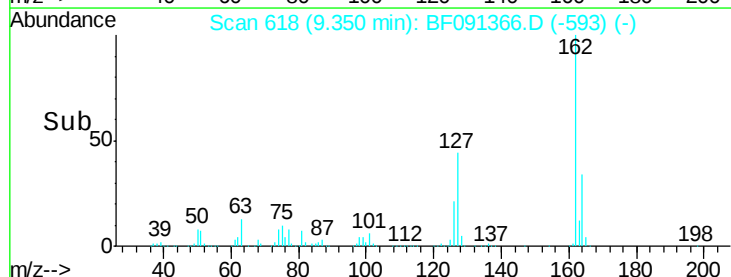


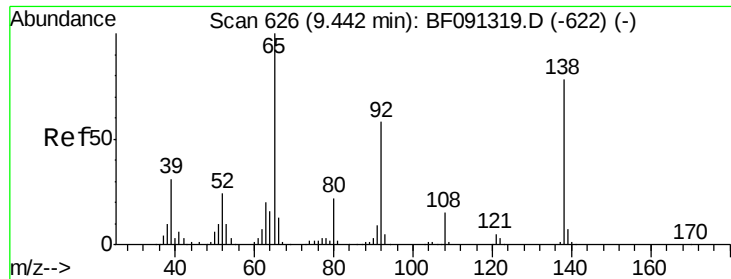
#46
 2-Chloronaphthalene
 Concen: 37.72 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion:162 Resp: 728595
 Ion Ratio Lower Upper
 162 100
 127 43.9 34.3 51.5
 164 34.0 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: 37.45 ng

RT: 9.44 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

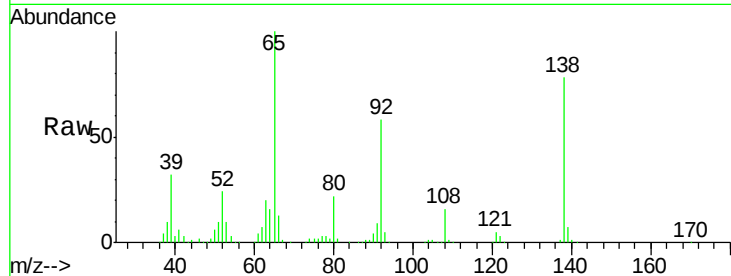
Tgt Ion: 65 Resp: 259843

Ion Ratio Lower Upper

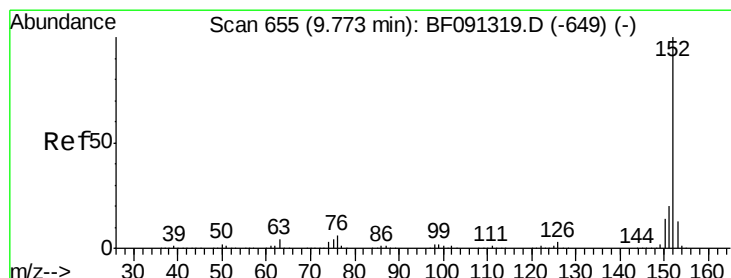
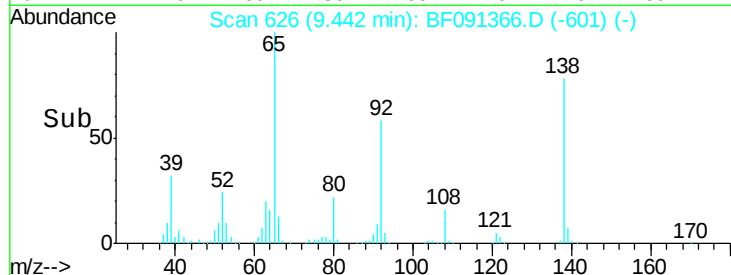
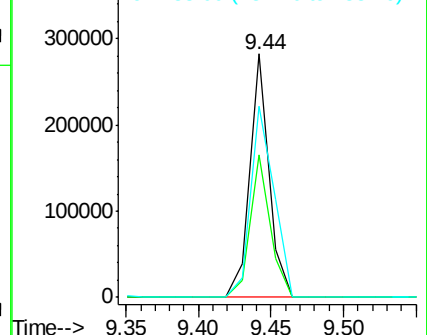
65 100

92 58.4 53.6 80.4

138 78.3 91.0 136.6#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 38.27 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

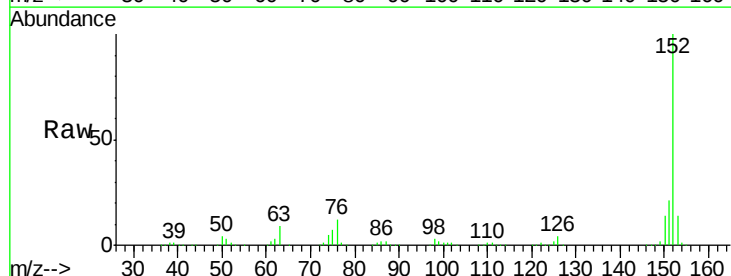
Tgt Ion: 152 Resp: 1163758

Ion Ratio Lower Upper

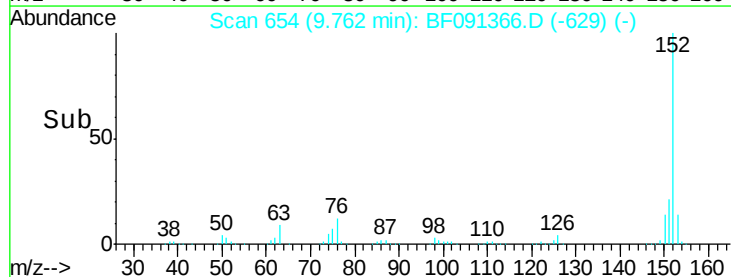
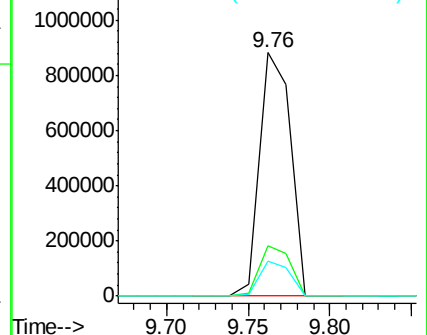
152 100

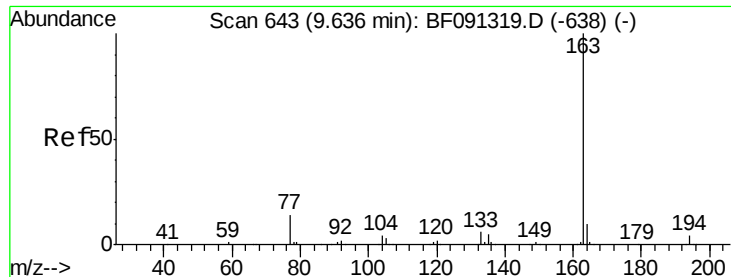
151 20.5 16.6 24.8

153 14.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 42.45 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

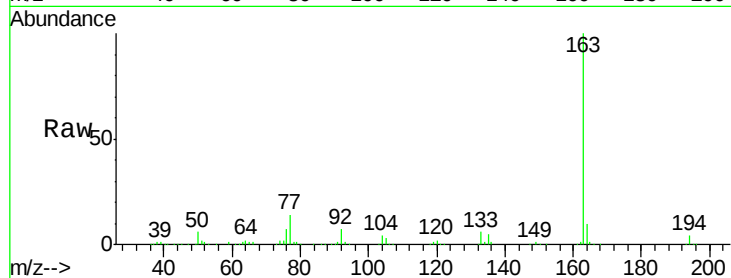
Tgt Ion:163 Resp: 927146

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.4

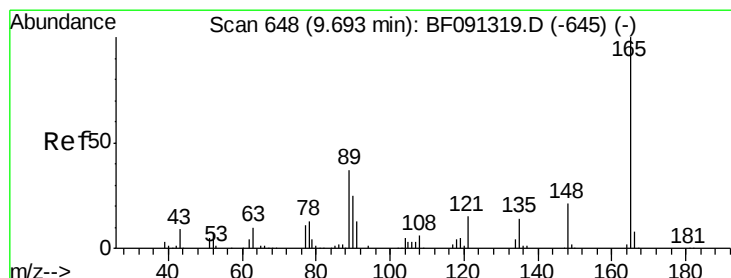
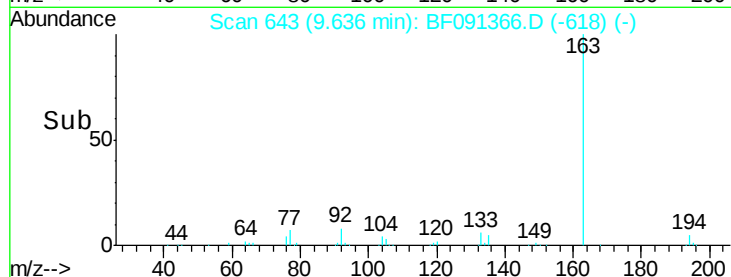
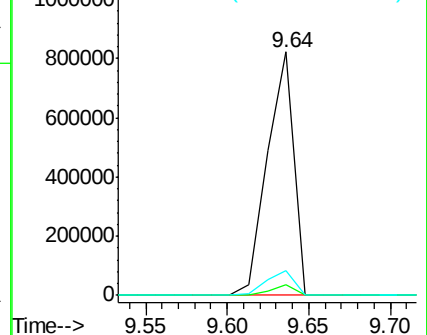
164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.78 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

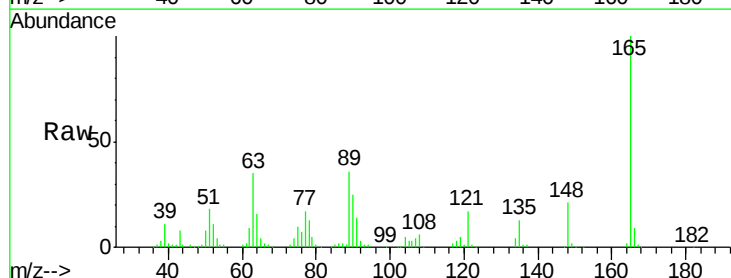
Tgt Ion:165 Resp: 213752

Ion Ratio Lower Upper

165 100

63 34.5 59.4 89.0#

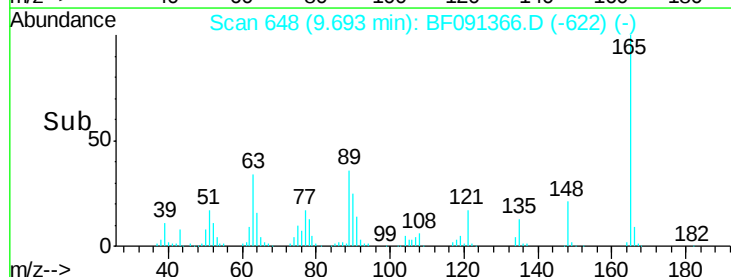
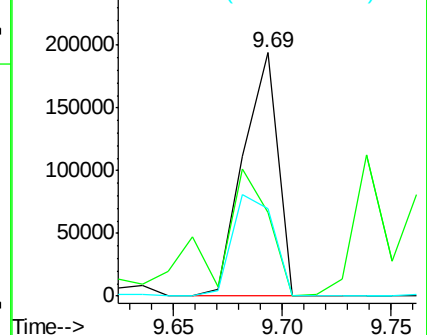
89 35.7 50.8 76.2#

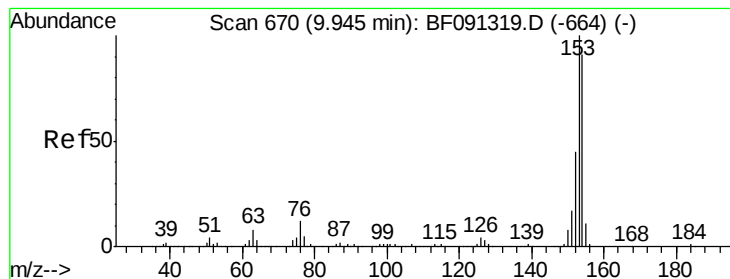


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.38 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

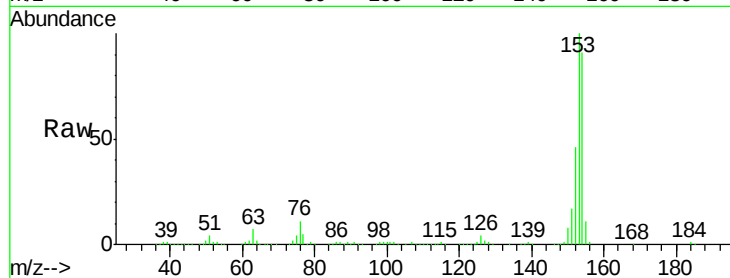
Tgt Ion:154 Resp: 807724

Ion Ratio Lower Upper

154 100

153 109.3 91.0 136.6

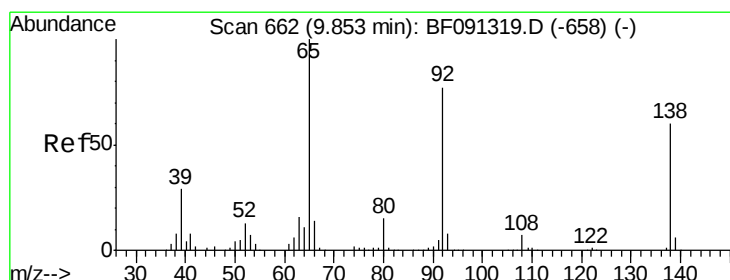
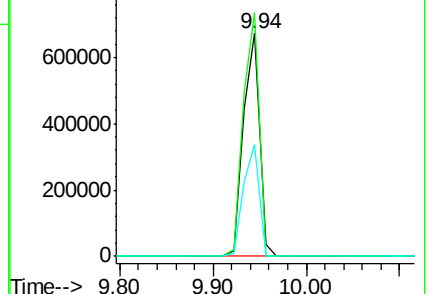
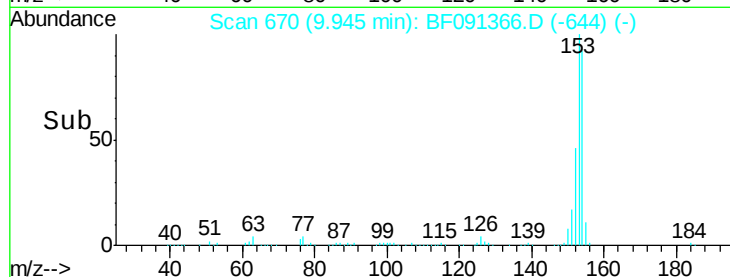
152 50.5 44.2 66.2



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: 34.69 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

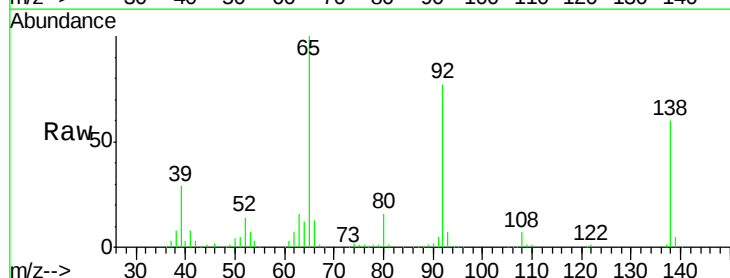
Tgt Ion:138 Resp: 196024

Ion Ratio Lower Upper

138 100

108 11.4 8.1 12.1

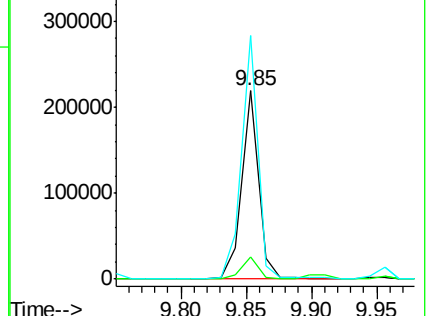
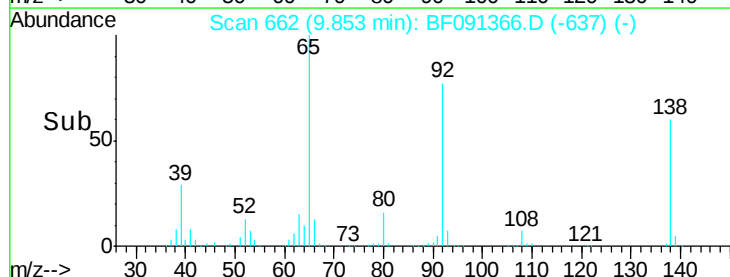
92 129.2 92.5 138.7

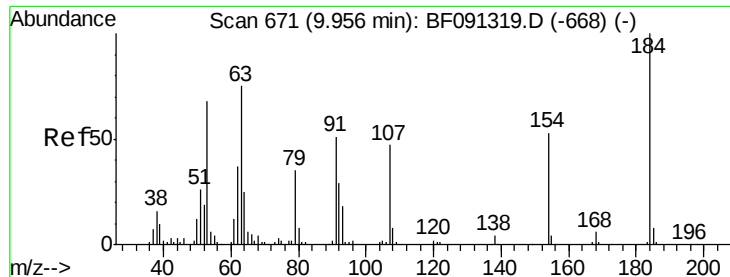


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

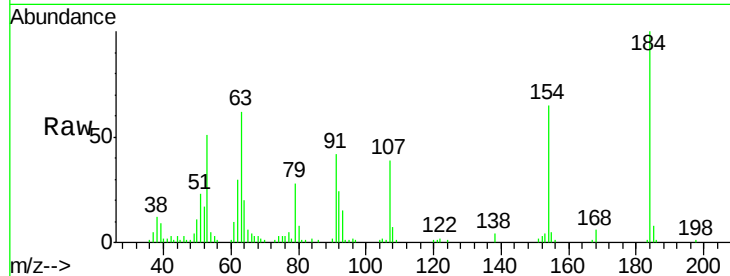




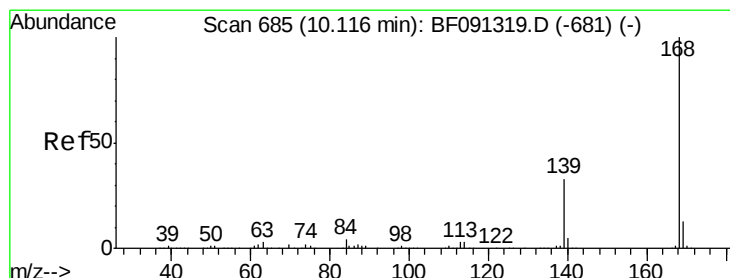
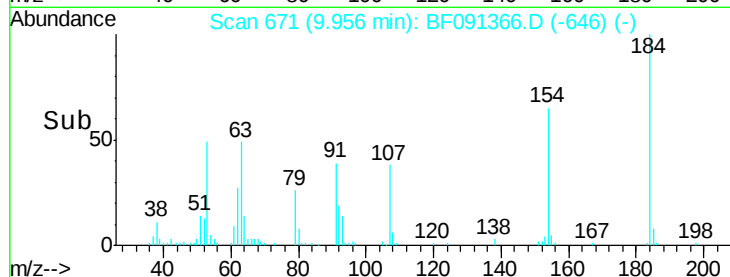
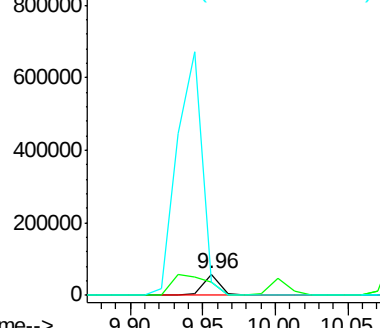
#53
2,4-Dinitrophenol
Concen: 21.57 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 46060
Ion Ratio Lower Upper
184 100
63 62.2 58.3 87.5
154 64.9 48.6 73.0

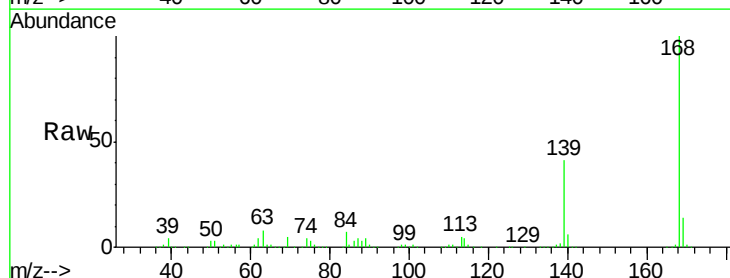


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

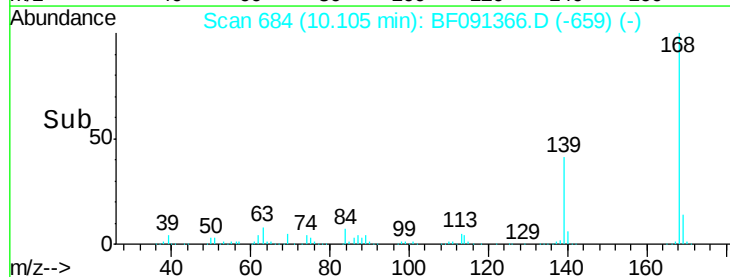
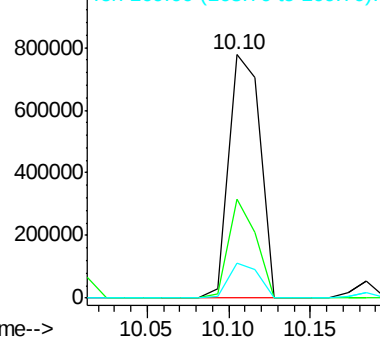


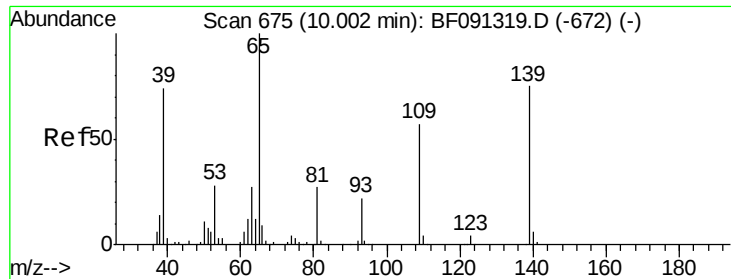
#54
Dibenzofuran
Concen: 37.74 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion:168 Resp: 1036560
Ion Ratio Lower Upper
168 100
139 40.6 33.4 50.2
169 14.2 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

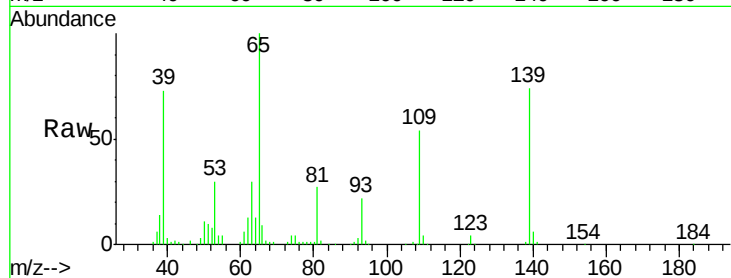




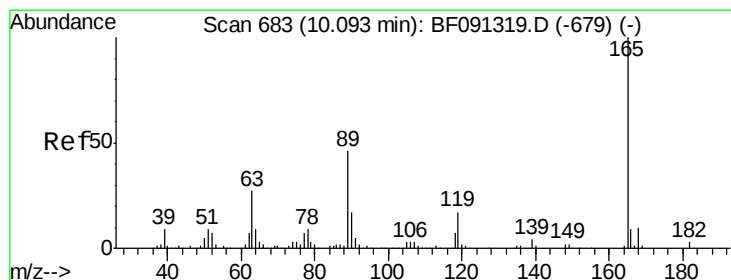
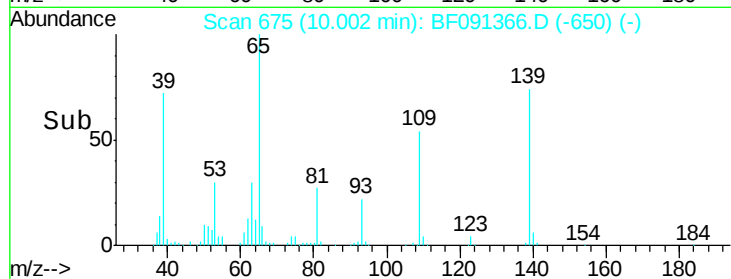
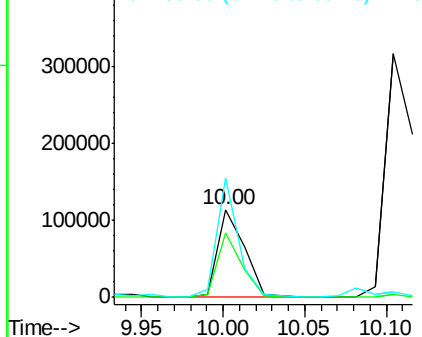
#55
4-Nitrophenol
Concen: 32.14 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 131170
Ion Ratio Lower Upper
139 100
109 73.2 54.9 94.9
65 135.7 102.2 142.2

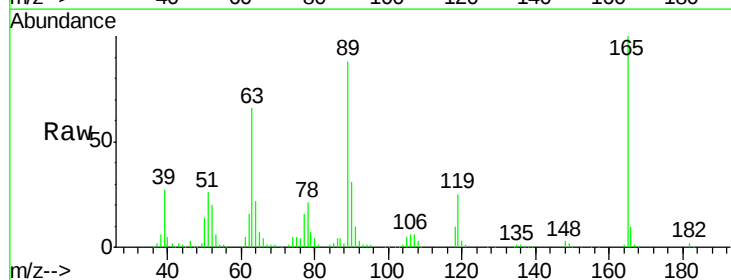


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

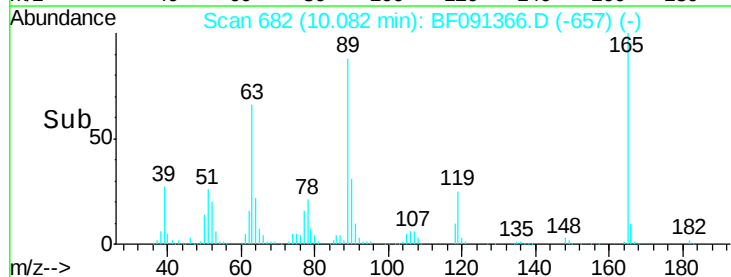
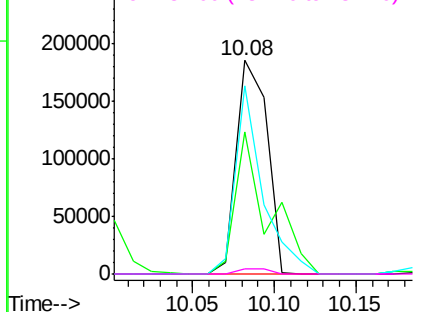


#56
2,4-Dinitrotoluene
Concen: 37.91 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion:165 Resp: 240112
Ion Ratio Lower Upper
165 100
63 66.5 29.0 43.4#
89 87.8 43.1 64.7#
182 2.4 1.9 2.9



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.45 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

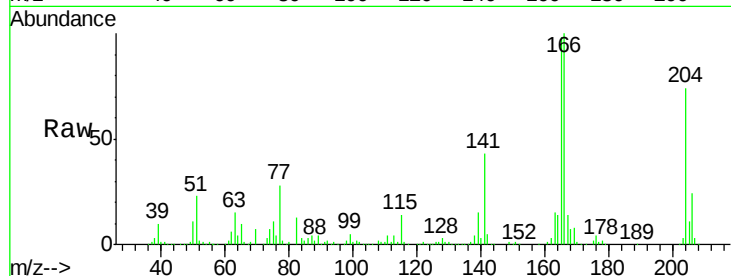
Tgt Ion:166 Resp: 747461

Ion Ratio Lower Upper

166 100

165 98.0 80.0 120.0

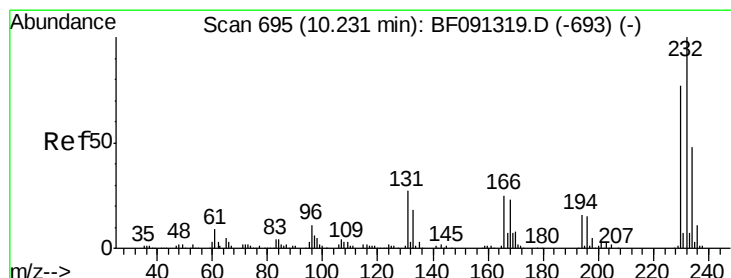
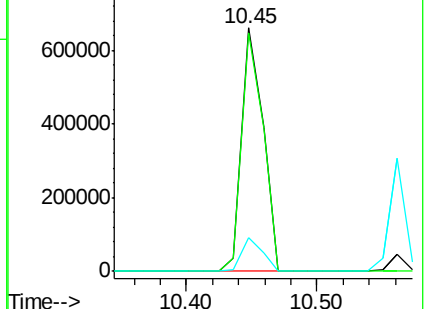
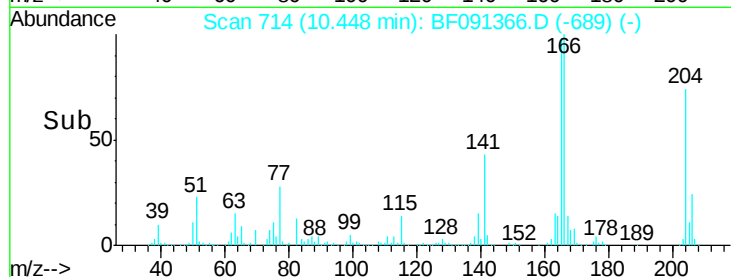
167 14.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.30 ng

RT: 10.23 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Tgt Ion:232 Resp: 188331

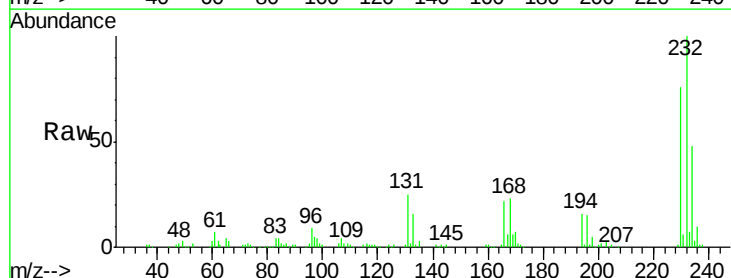
Ion Ratio Lower Upper

232 100

131 41.4 38.4 57.6

130 1.9 1.8 2.8

166 30.0 23.9 35.9

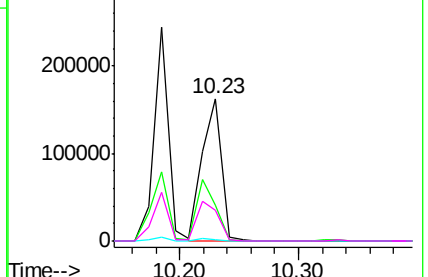
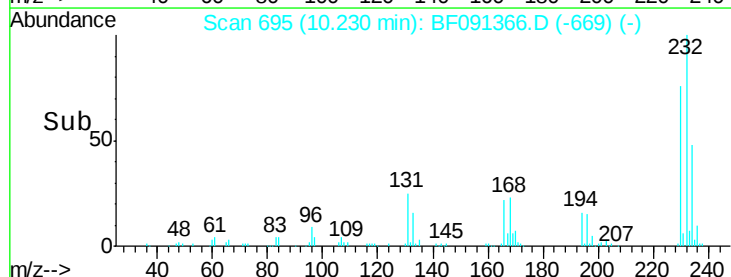


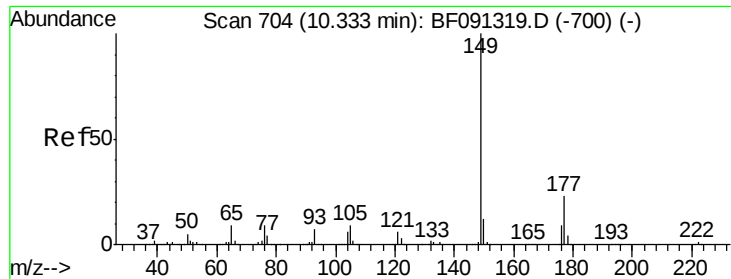
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

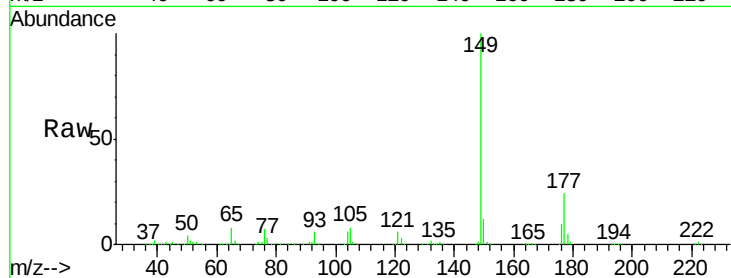




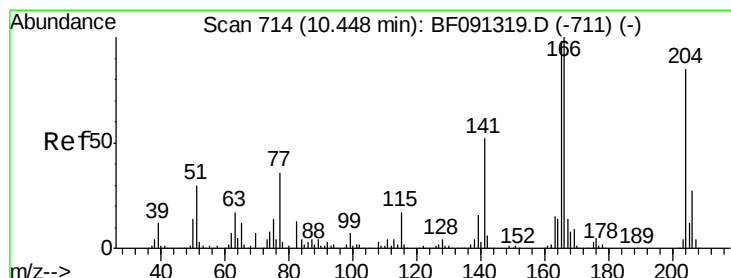
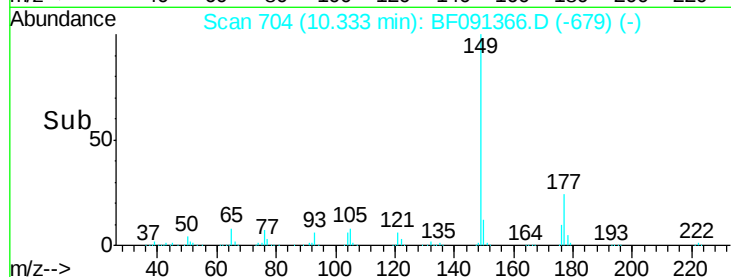
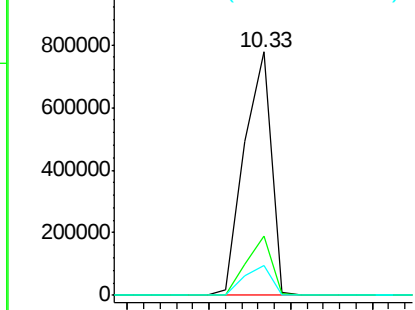
#59
Diethylphthalate
Concen: 41.39 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 892333
Ion Ratio Lower Upper
149 100
177 24.3 15.7 23.5#
150 12.4 10.2 15.2

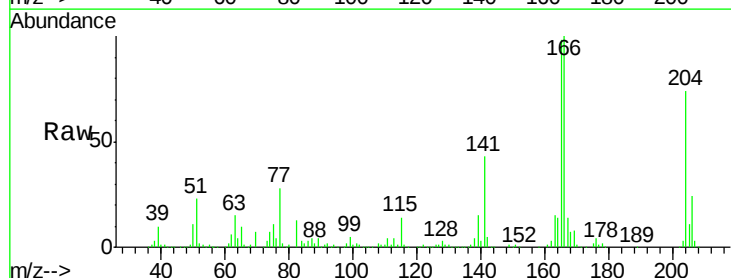


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

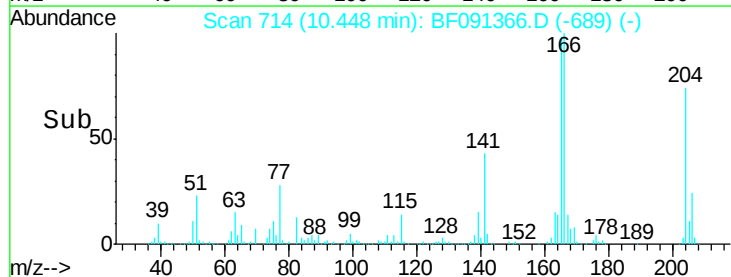
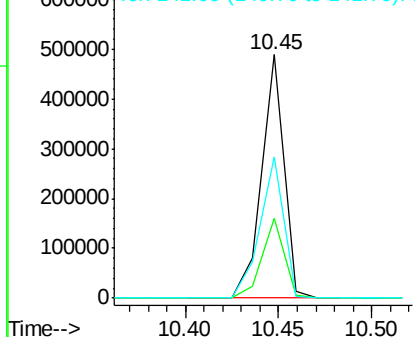


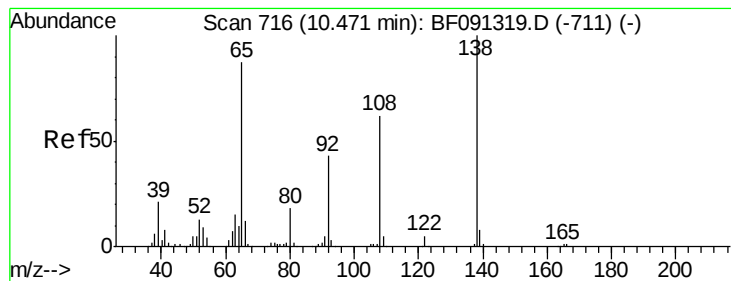
#60
4-Chlorophenyl-phenylether
Concen: 37.98 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion:204 Resp: 401617
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 58.0 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: 33.89 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

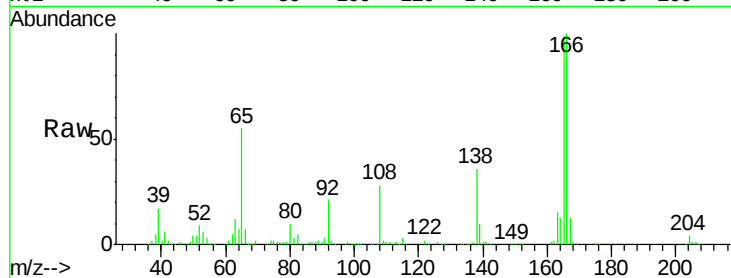
Tgt Ion:138 Resp: 179826

Ion Ratio Lower Upper

138 100

92 58.1 26.9 66.9

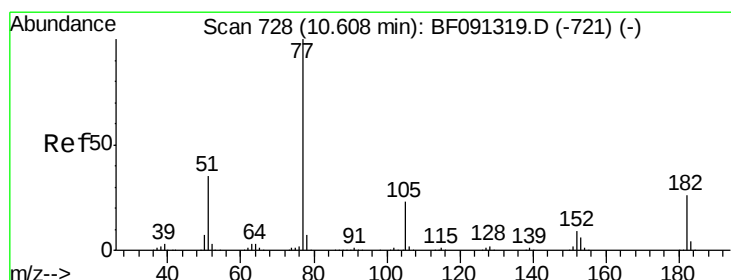
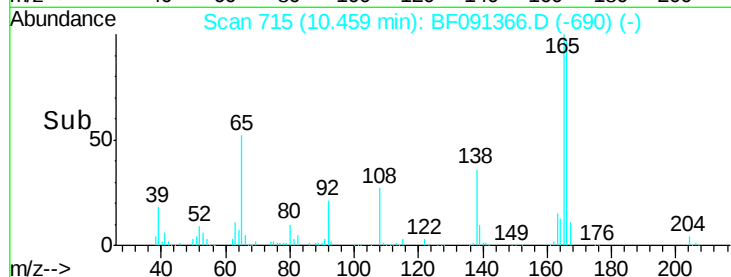
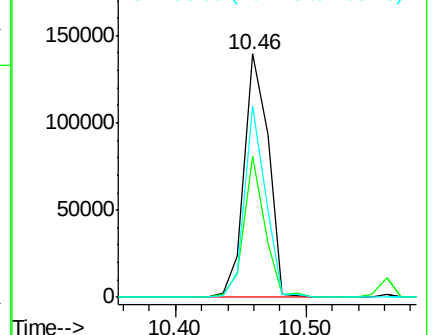
108 78.3 49.1 89.1



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: 41.54 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Tgt Ion: 77 Resp: 913825

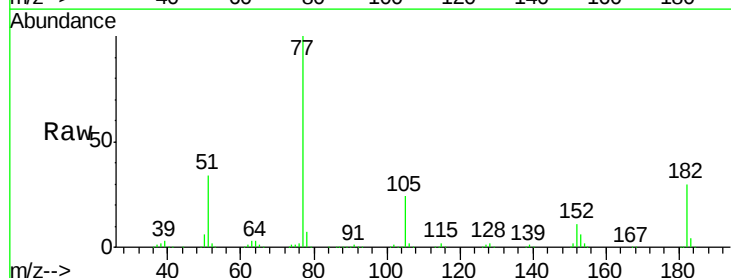
Ion Ratio Lower Upper

77 100

182 30.5 12.5 52.5

105 23.9 3.7 43.7

51 33.7 11.9 51.9

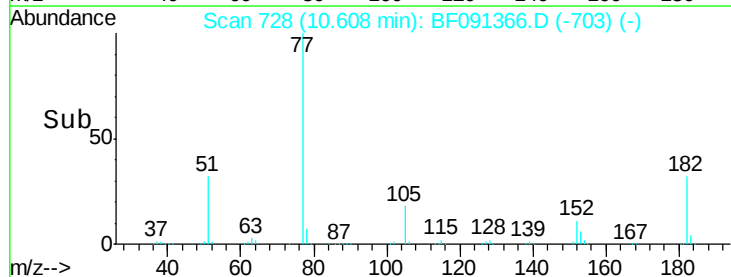
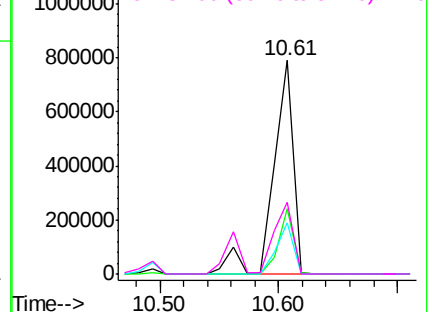


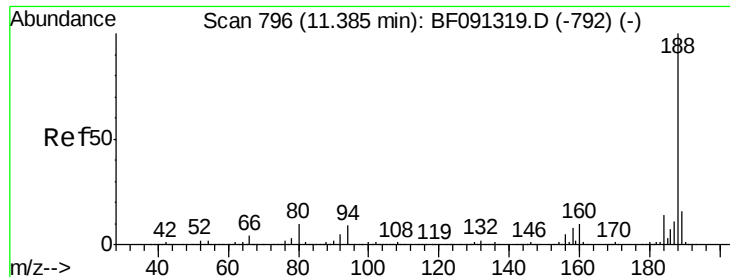
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

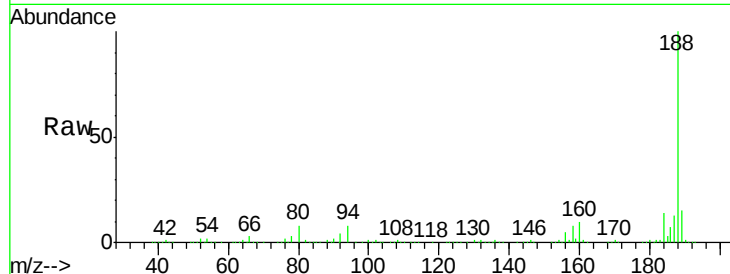




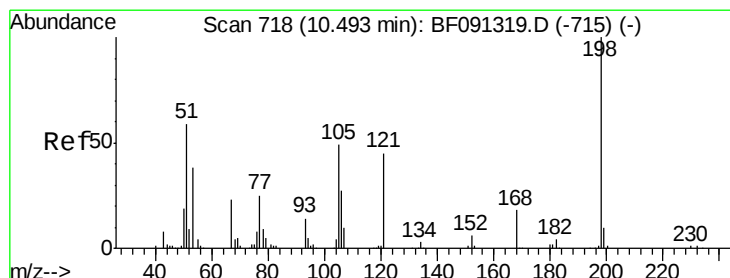
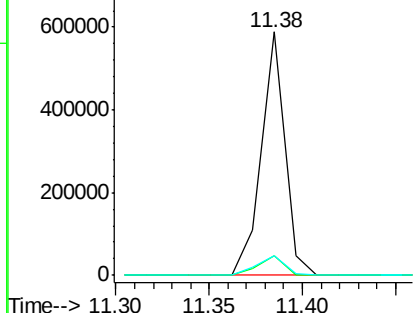
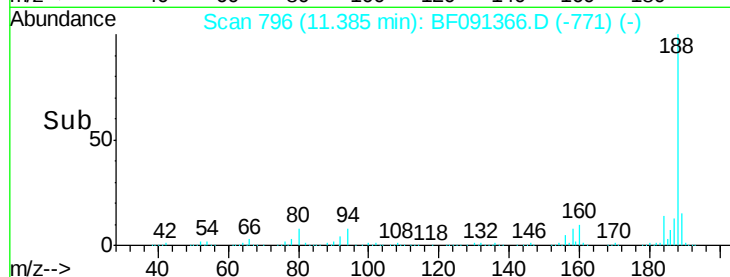
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 510919
Ion Ratio Lower Upper
188 100
94 7.8 9.2 13.8#
80 8.0 10.5 15.7#

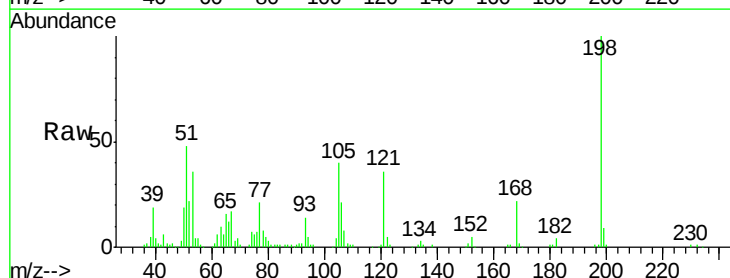


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

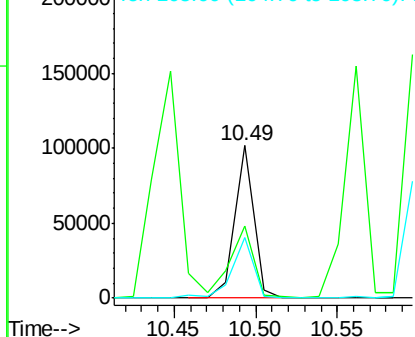
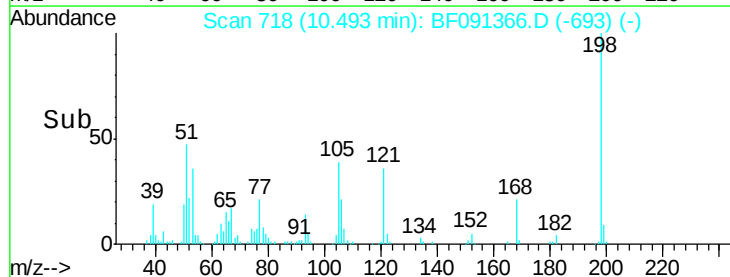


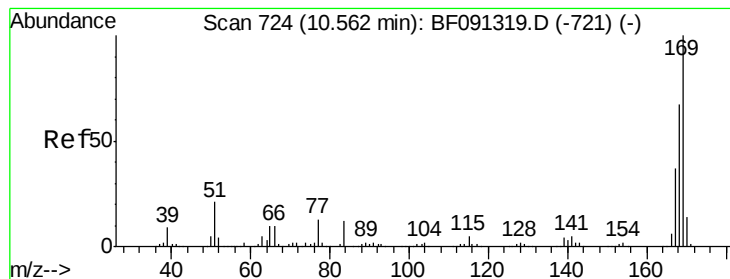
#64
4,6-Dinitro-2-methylphenol
Concen: 28.70 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion:198 Resp: 80779
Ion Ratio Lower Upper
198 100
51 47.5 77.1 117.1#
105 39.8 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: 44.06 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

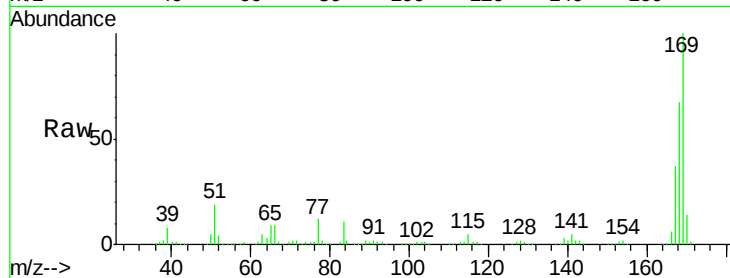
Tgt Ion:169 Resp: 682472

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.8

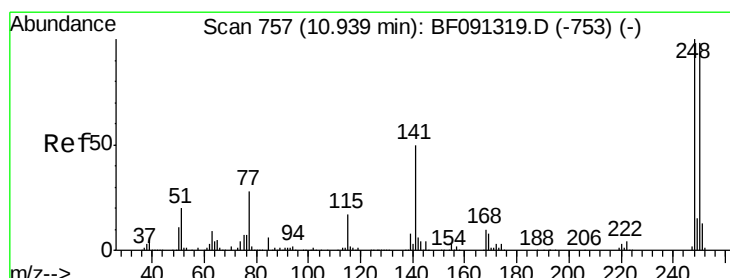
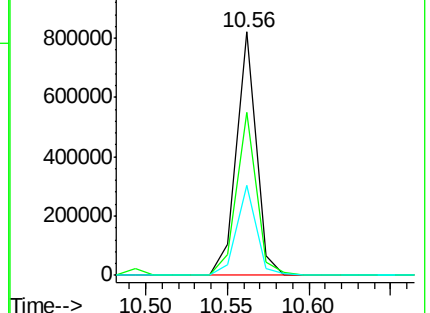
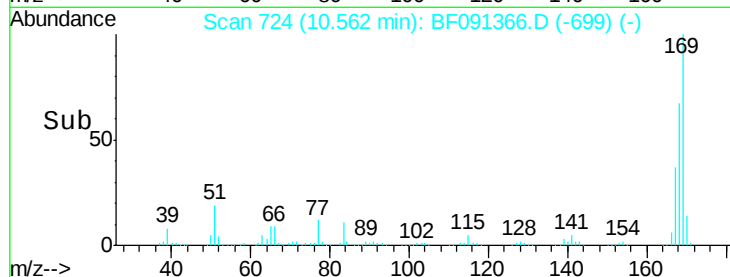
167 37.2 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.75 ng

RT: 10.94 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

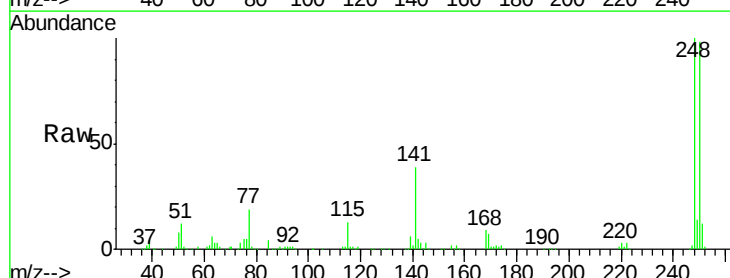
Tgt Ion:248 Resp: 245732

Ion Ratio Lower Upper

248 100

250 98.3 78.2 117.4

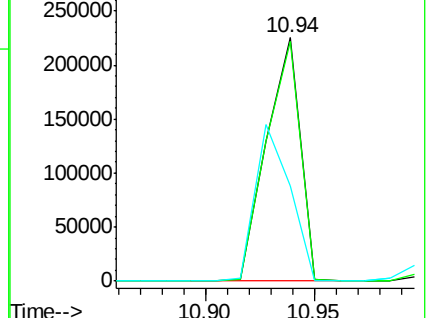
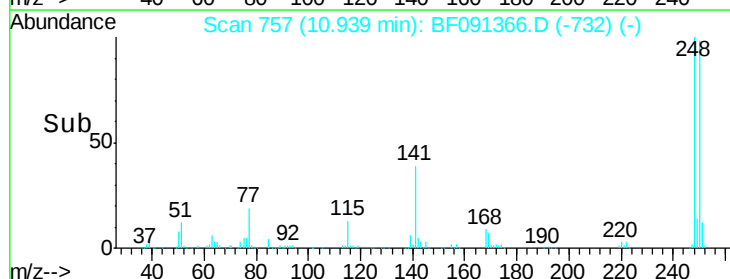
141 38.9 71.9 107.9#



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

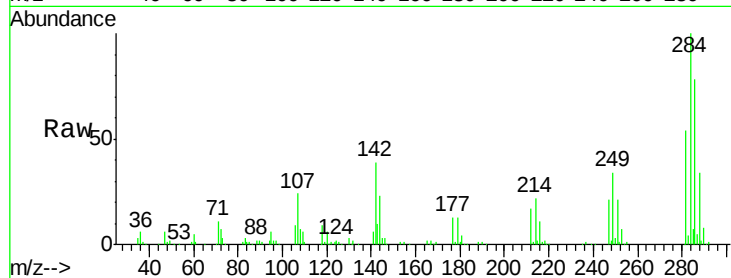




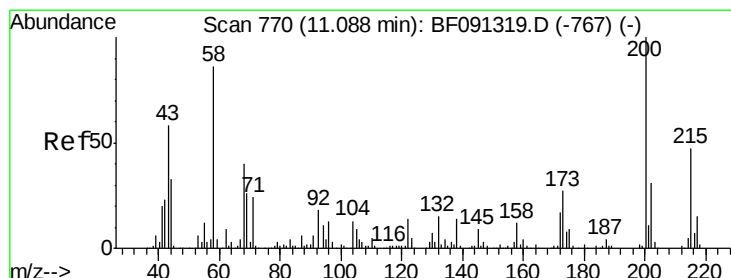
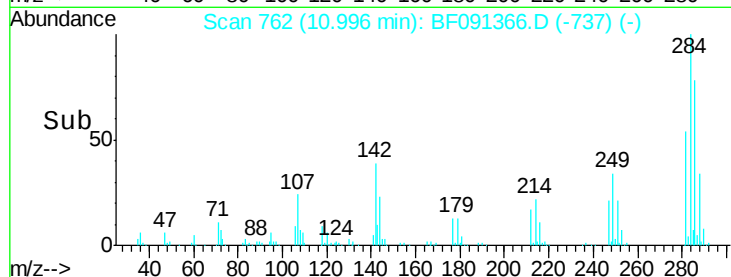
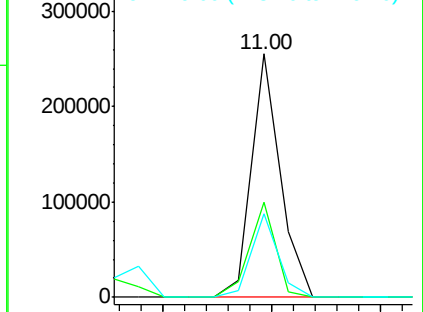
#67
Hexachlorobenzene
Concen: 39.48 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.1	17.9	26.9
249	34.1	23.6	35.4

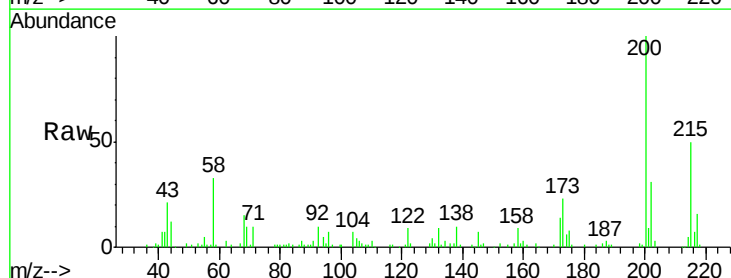


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

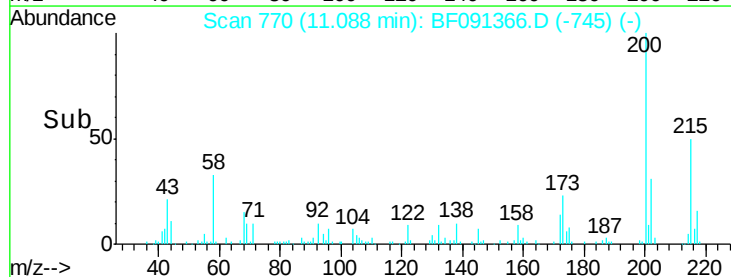
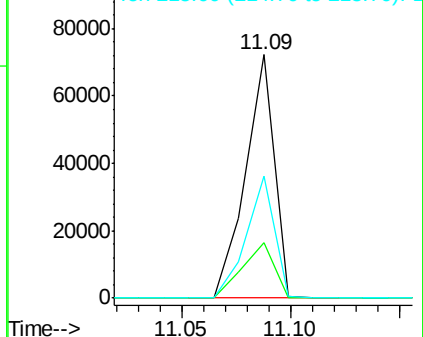


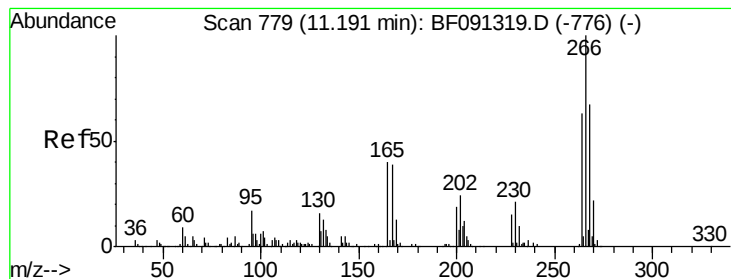
#68
Atrazine
Concen: 13.20 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.7	7.8	47.8
215	49.9	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: 32.95 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

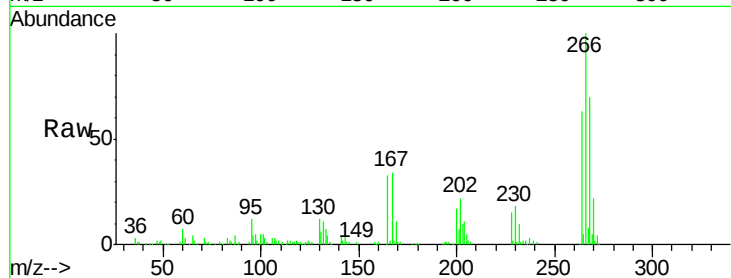
Tgt Ion:266 Resp: 115102

Ion Ratio Lower Upper

266 100

268 69.5 50.3 75.5

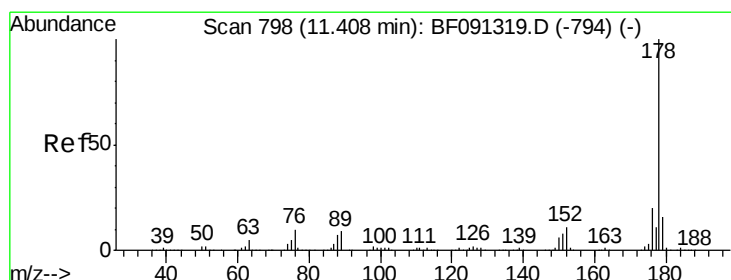
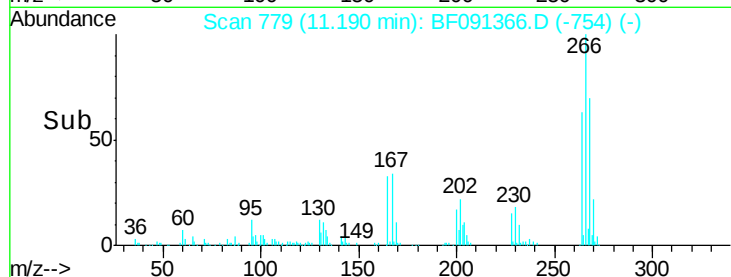
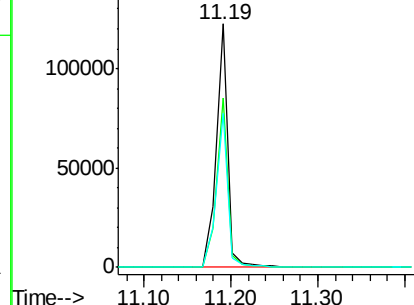
264 63.5 48.2 72.2



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: 37.87 ng

RT: 11.41 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

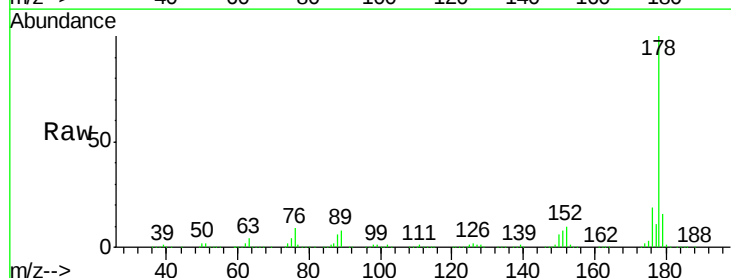
Tgt Ion:178 Resp: 1005309

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

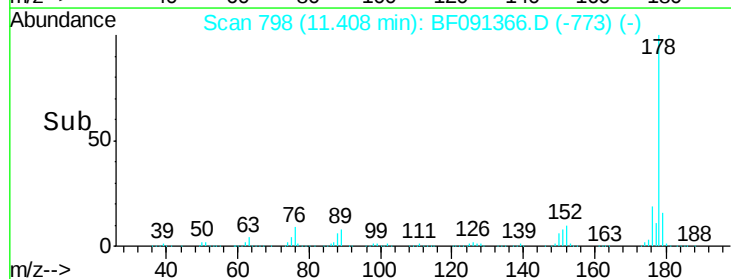
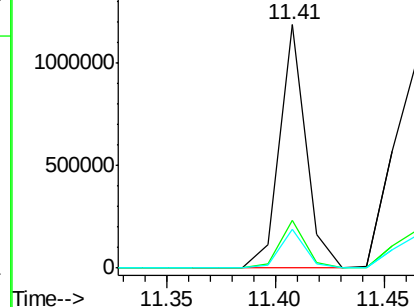
179 16.0 12.6 18.8

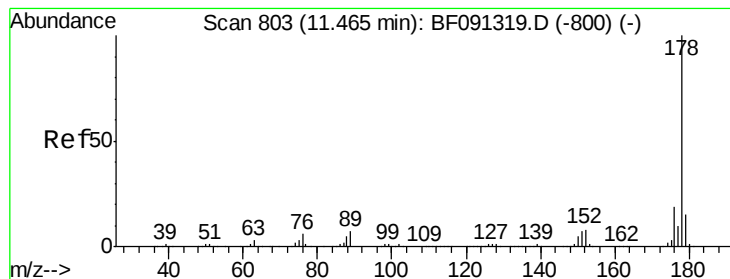


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.64 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

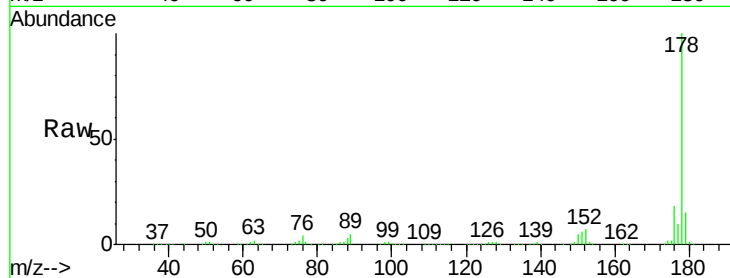
Tgt Ion:178 Resp: 1097222

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.6

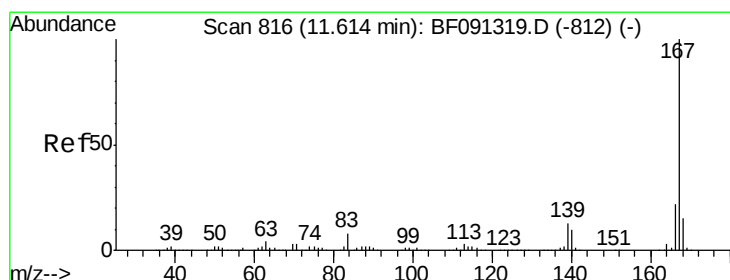
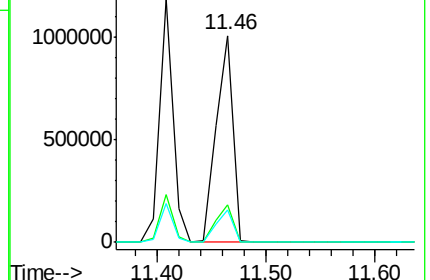
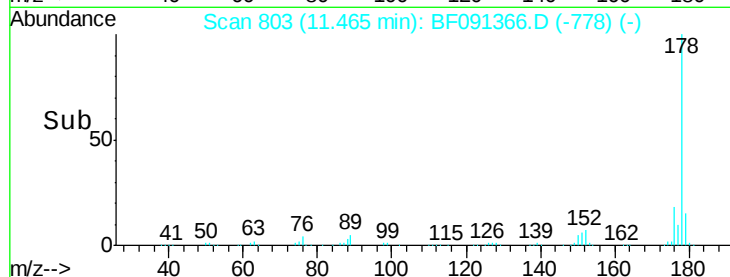
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.71 ng

RT: 11.61 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

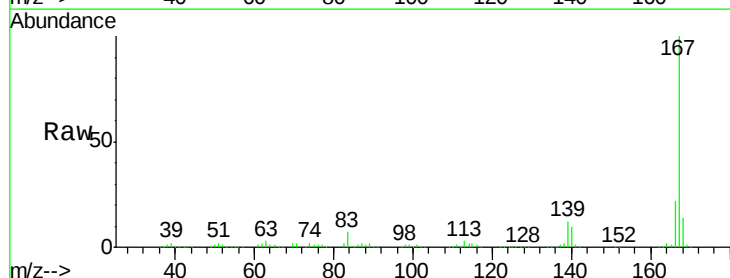
Tgt Ion:167 Resp: 949316

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

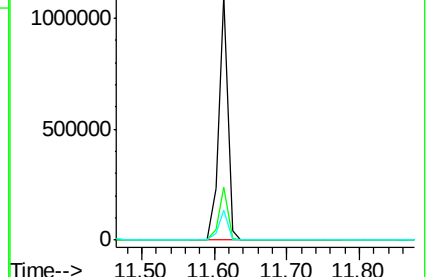
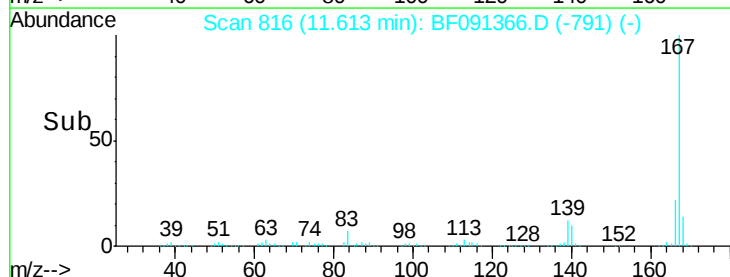
139 12.4 11.5 17.3

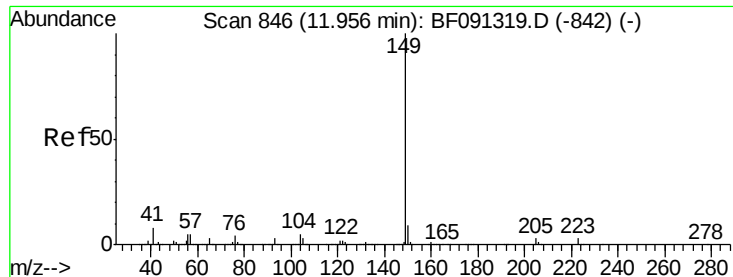


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.45 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

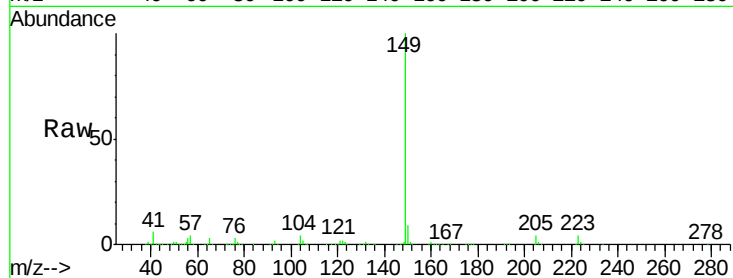
Tgt Ion:149 Resp: 1177320

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

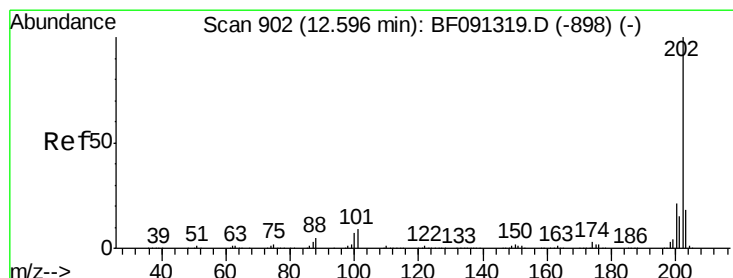
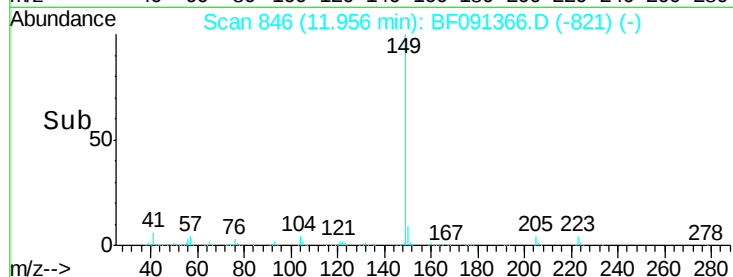
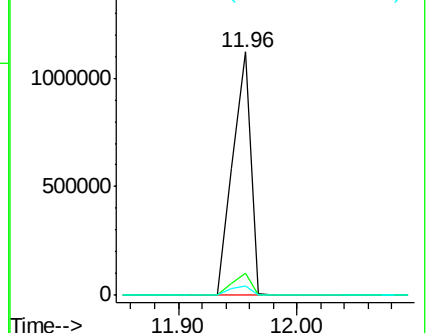
104 4.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.19 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

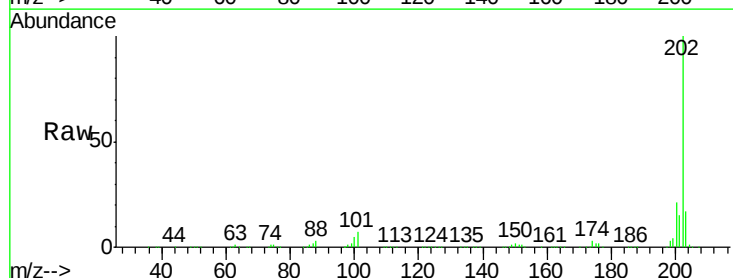
Tgt Ion:202 Resp: 985624

Ion Ratio Lower Upper

202 100

101 6.5 0.0 29.5

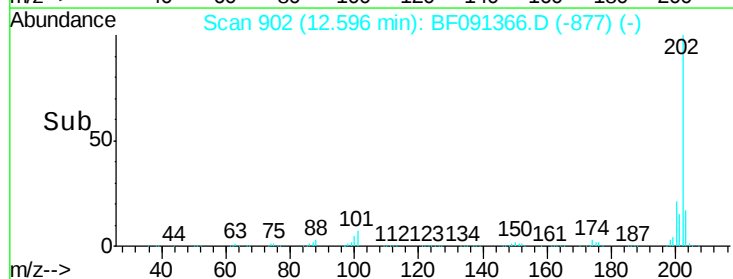
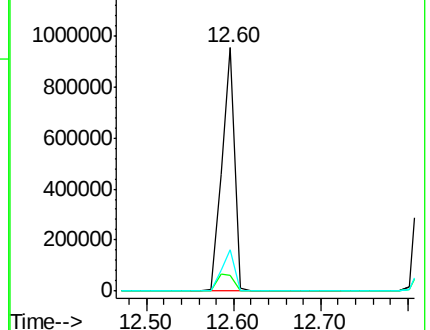
203 17.2 0.0 37.8

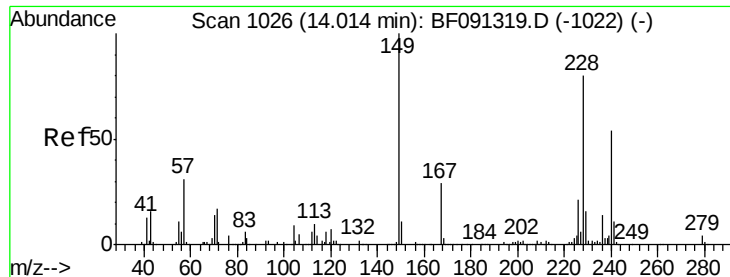


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

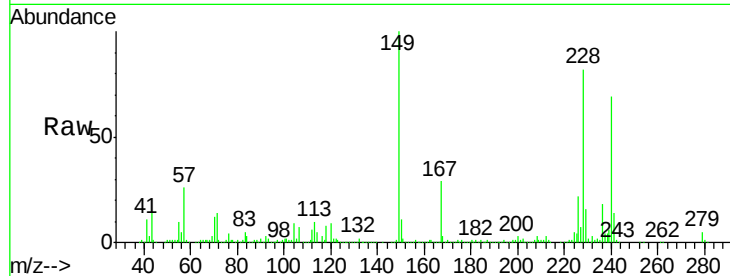
Tgt Ion:240 Resp: 346092

Ion Ratio Lower Upper

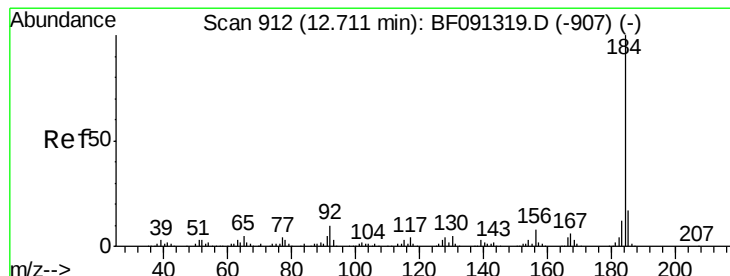
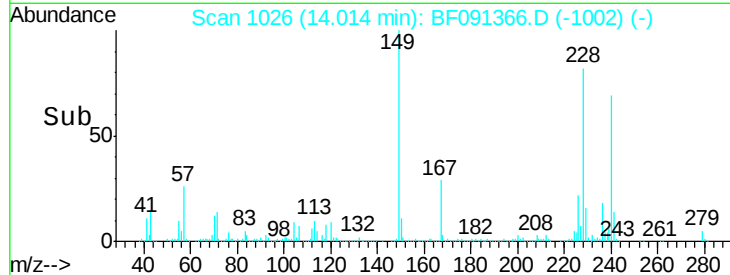
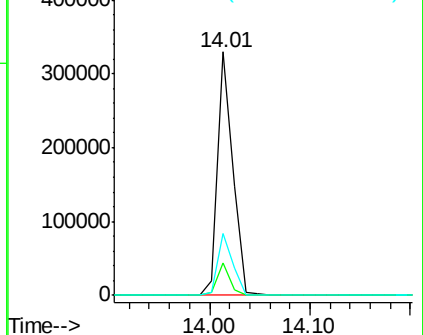
240 100

120 13.1 12.1 18.1

236 25.6 21.0 31.6



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: 13.64 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

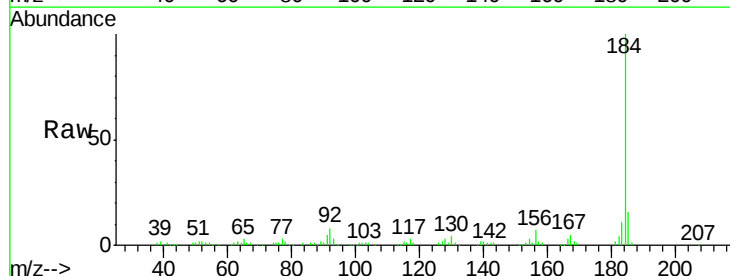
Tgt Ion:184 Resp: 138539

Ion Ratio Lower Upper

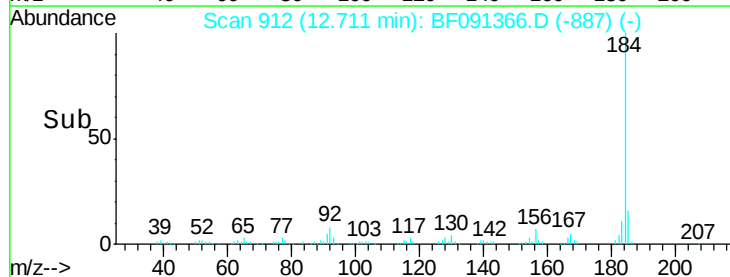
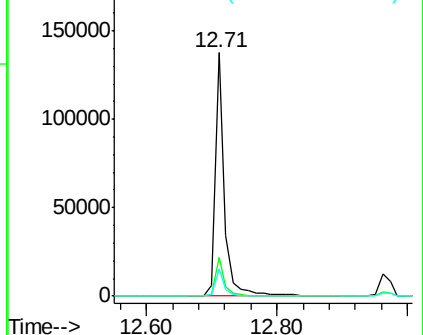
184 100

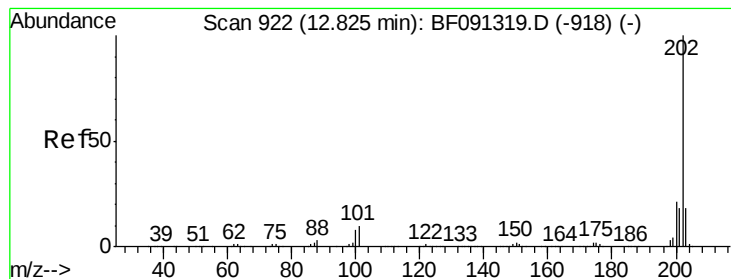
185 16.0 13.1 19.7

183 11.0 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: 38.20 ng

RT: 12.82 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

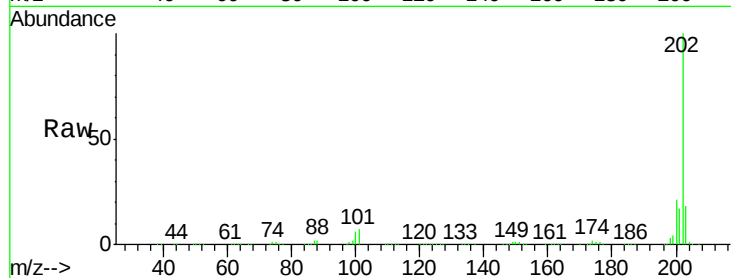
Tgt Ion:202 Resp: 1003395

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

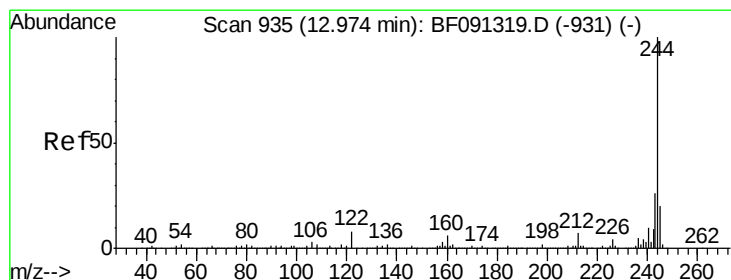
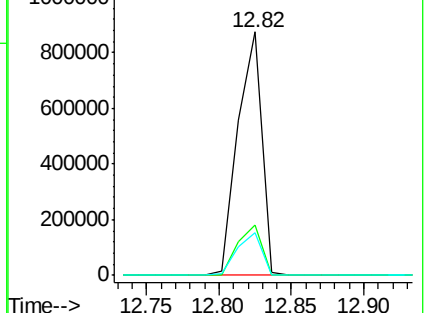
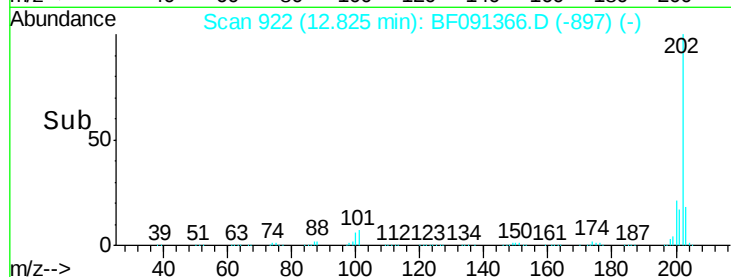
203 17.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.99 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

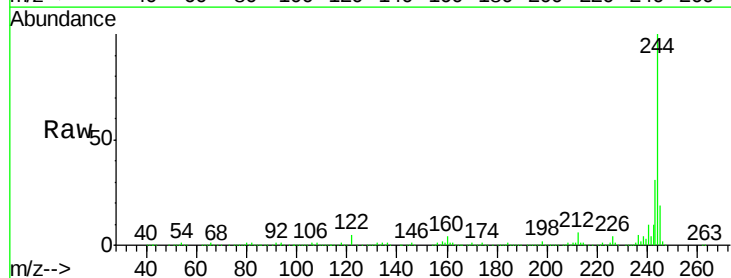
Tgt Ion:244 Resp: 1257836

Ion Ratio Lower Upper

244 100

212 6.0 6.5 9.7#

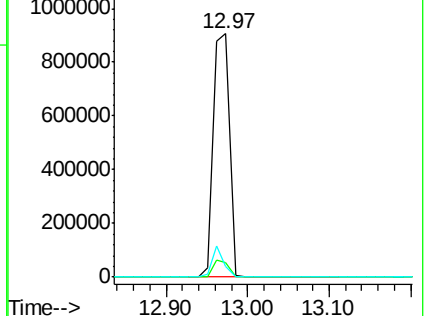
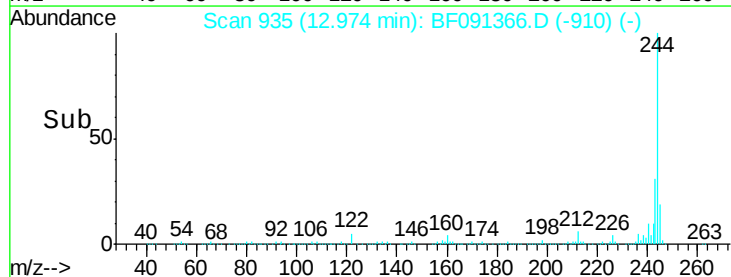
122 4.6 9.5 14.3#

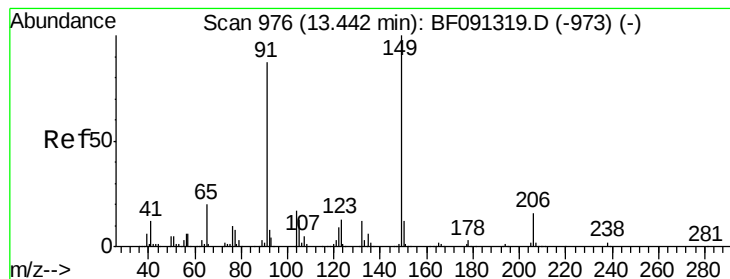


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.45 ng

RT: 13.44 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

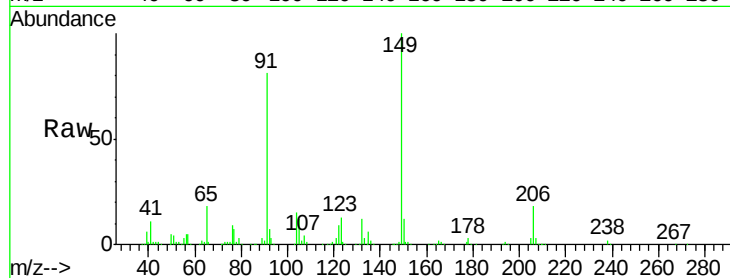
Tgt Ion:149 Resp: 378188

Ion Ratio Lower Upper

149 100

91 80.6 57.4 86.2

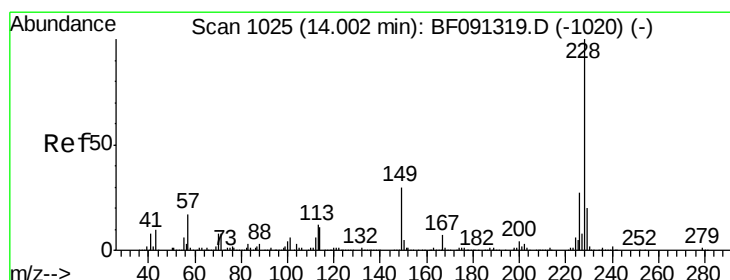
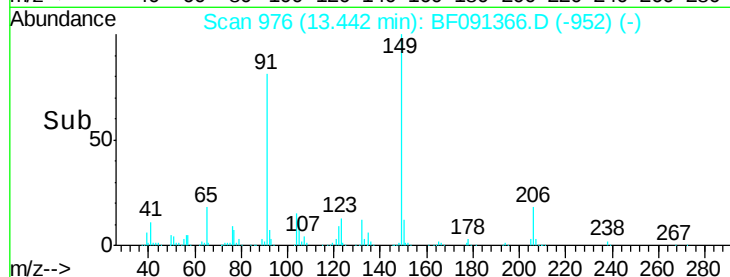
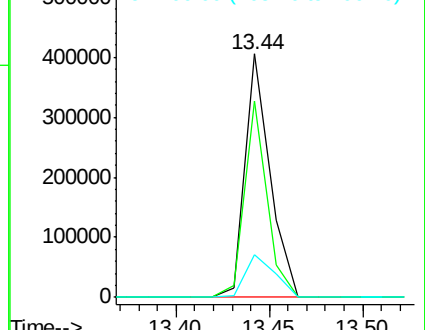
206 17.7 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.85 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

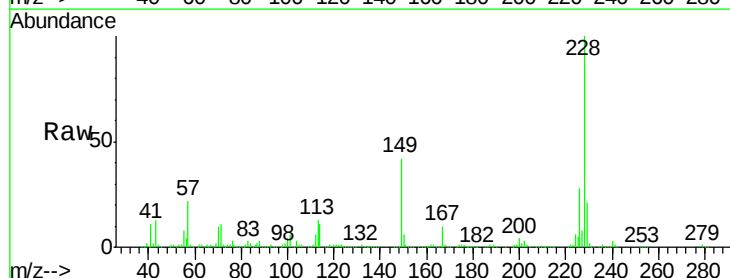
Tgt Ion:228 Resp: 826763

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

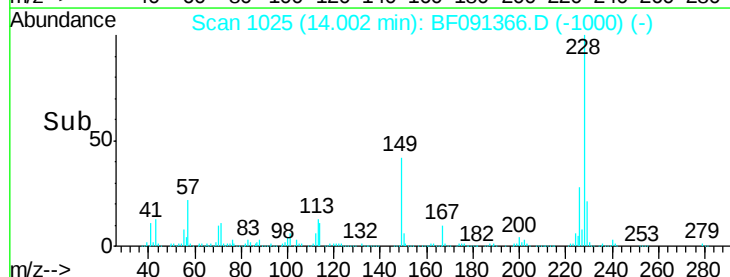
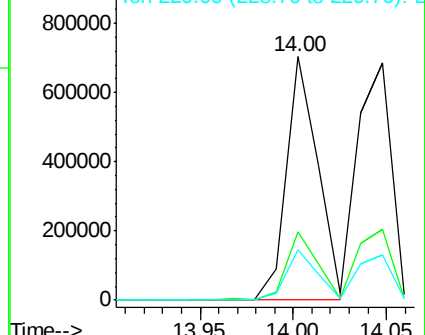
229 20.6 16.4 24.6

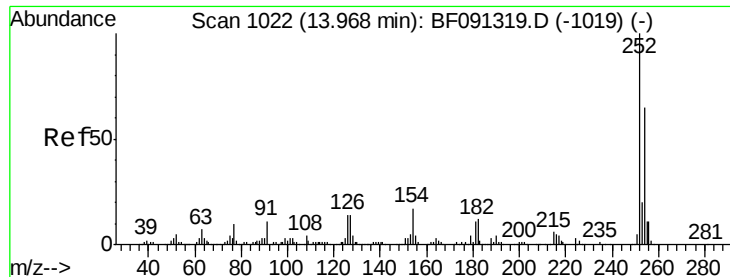


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

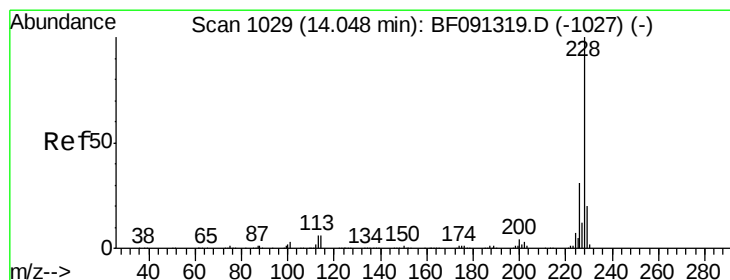
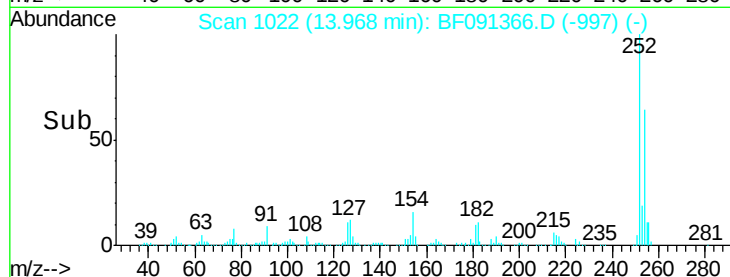
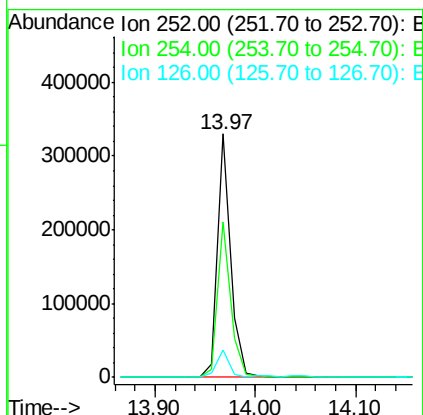
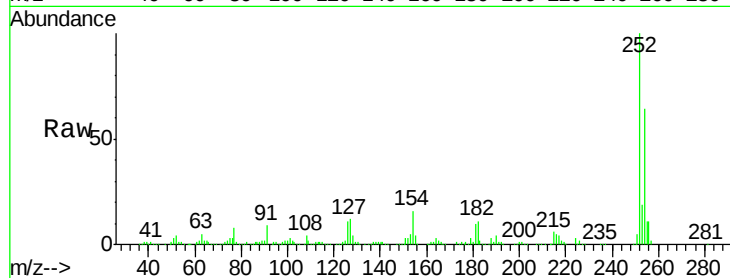




#81
 3,3'-Dichlorobenzidine
 Concen: 42.40 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

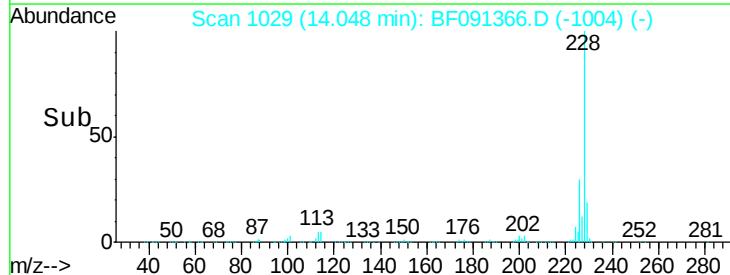
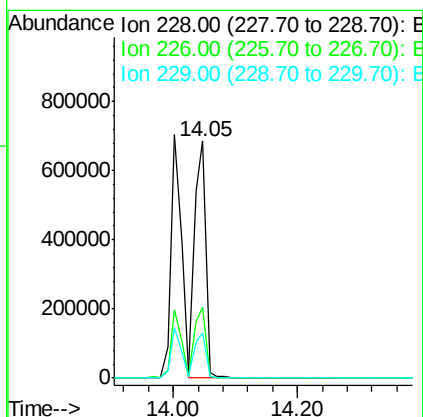
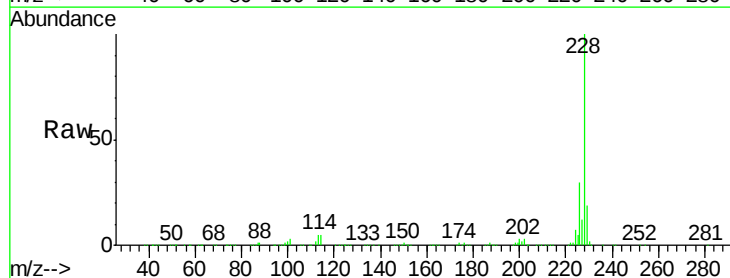
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.1	78.1
126	11.5	7.5	11.3



#82
 Chrysene
 Concen: 43.32 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.4
229	19.3	16.0	24.0

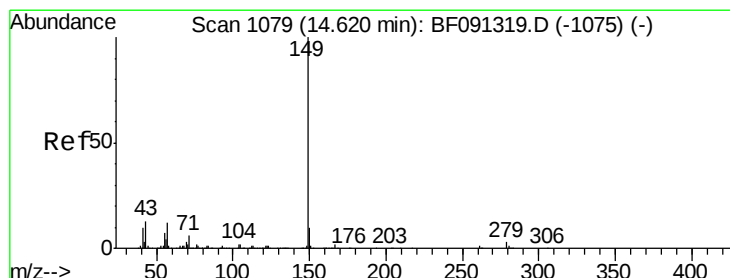
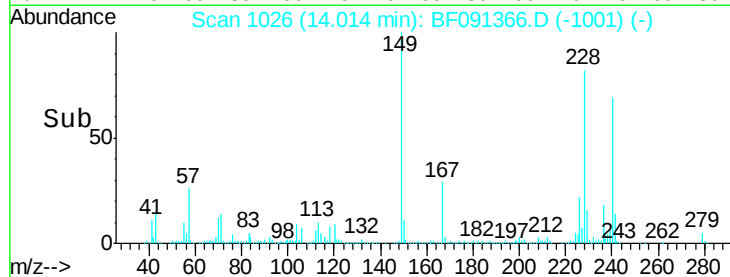
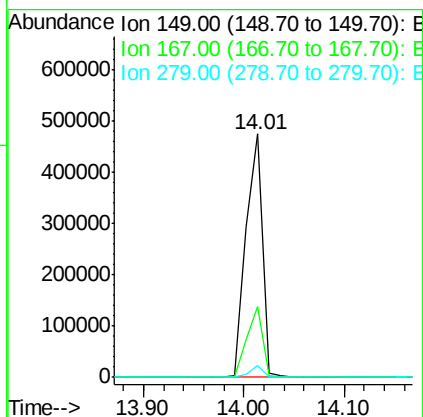
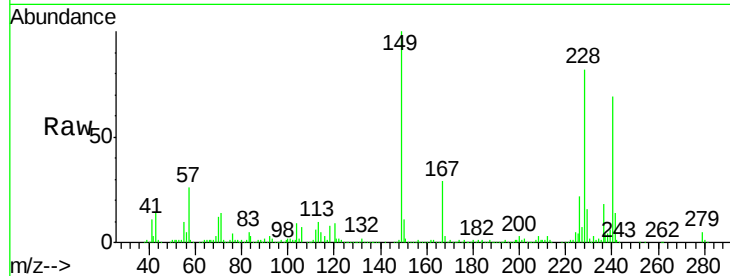




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.28 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

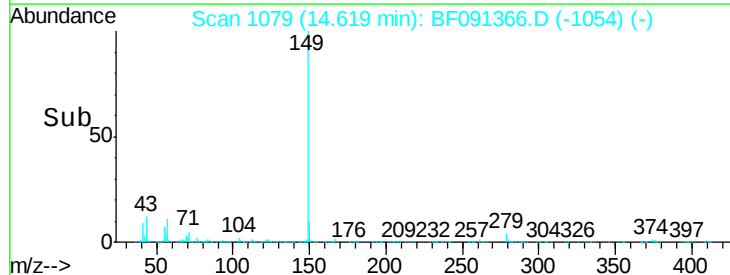
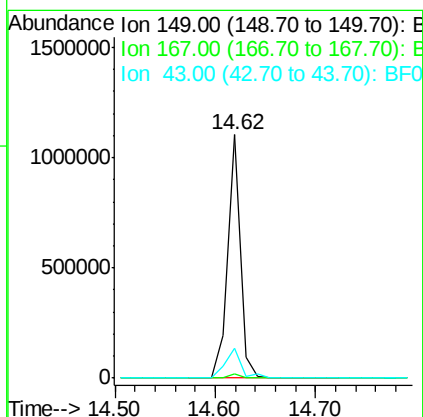
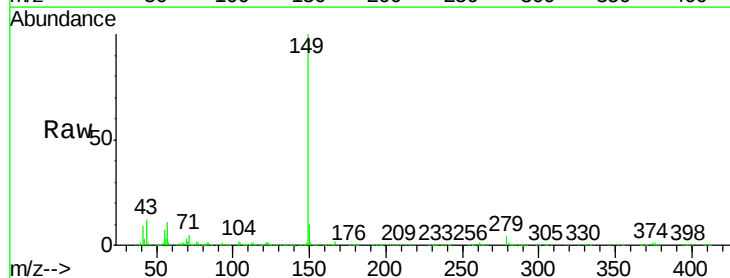
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

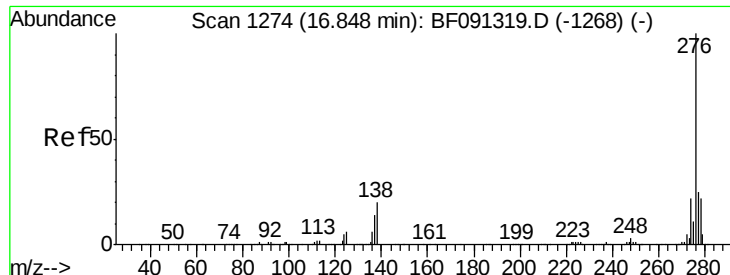
Tgt Ion:149 Resp: 539545
 Ion Ratio Lower Upper
 149 100
 167 29.0 19.6 29.4
 279 4.8 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 51.30 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion:149 Resp: 967803
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 15.6 11.9 17.9

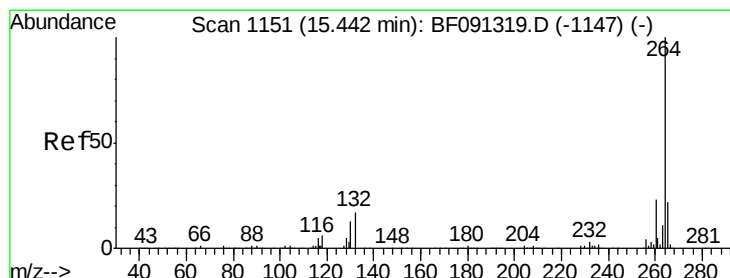
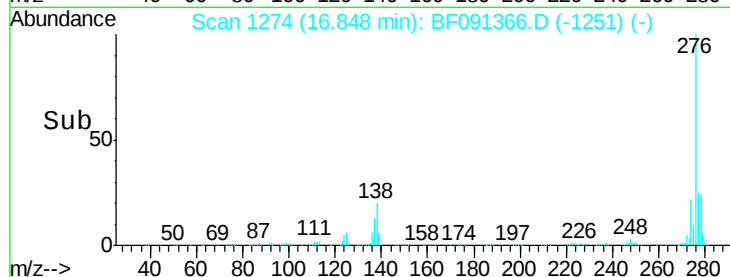
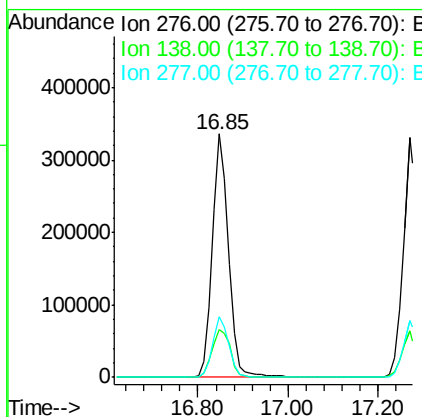
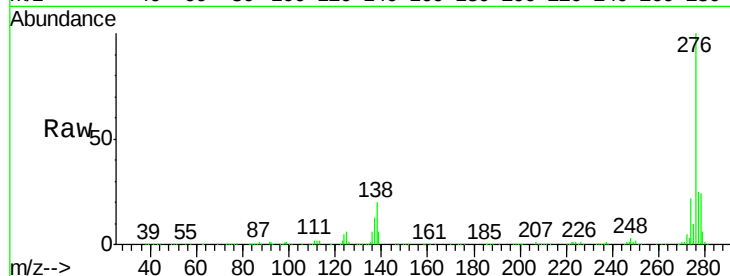




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.19 ng
 RT: 16.85 min Scan# 1274
 Delta R.T. -0.04 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

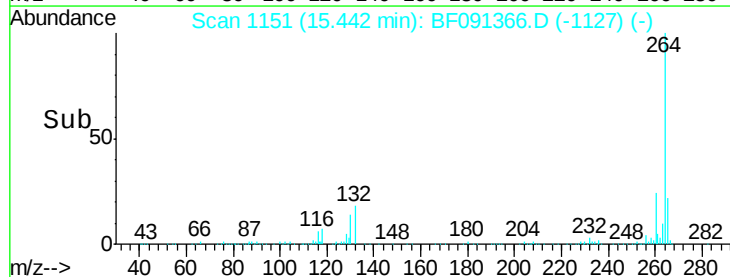
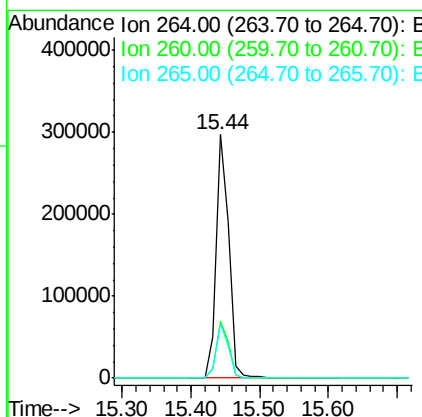
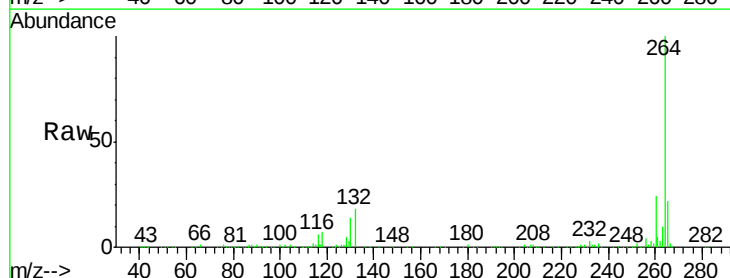
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

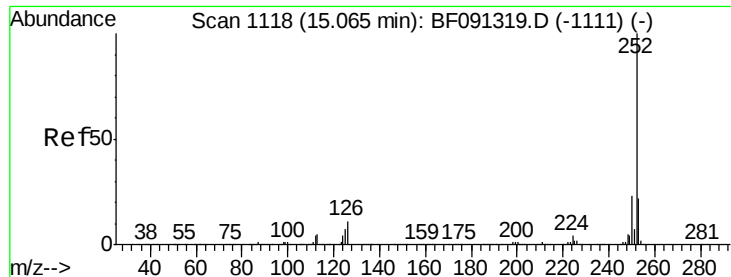
Tgt Ion:276 Resp: 847143
 Ion Ratio Lower Upper
 276 100
 138 22.3 21.0 31.4
 277 25.0 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion:264 Resp: 388426
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 22.4 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 44.10 ng

RT: 15.03 min Scan# 1115

Delta R.T. -0.03 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

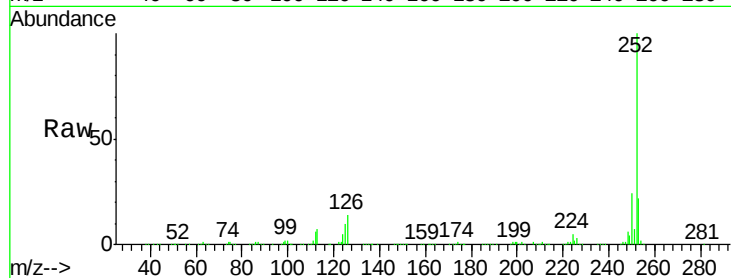
Tgt Ion:252 Resp: 1064674

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

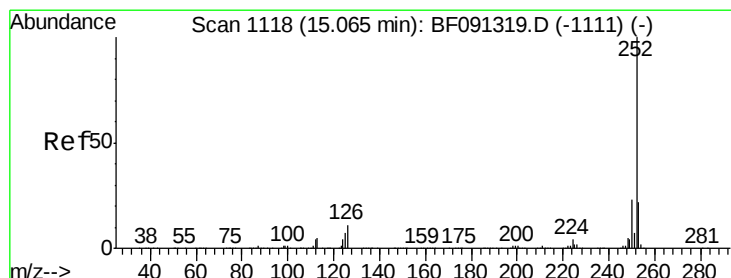
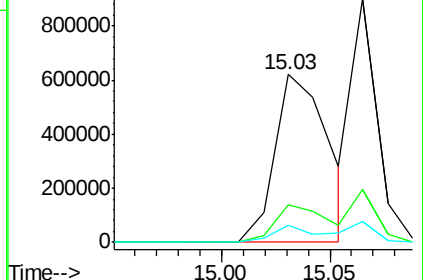
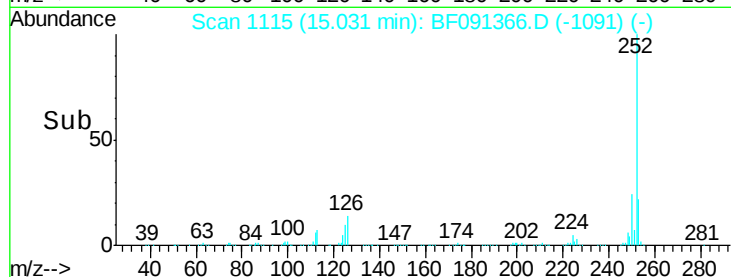
125 10.3 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 52.44 ng

RT: 15.03 min Scan# 1115

Delta R.T. -0.05 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

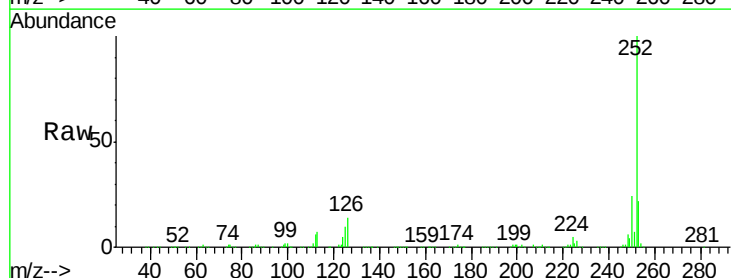
Tgt Ion:252 Resp: 1064674

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

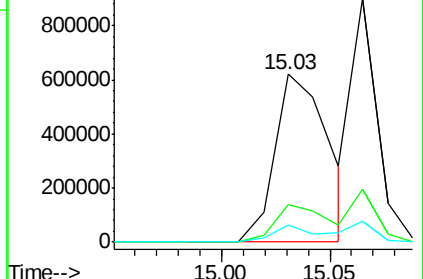
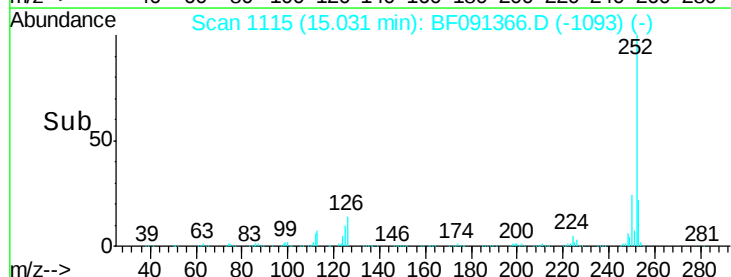
125 10.3 9.6 14.4

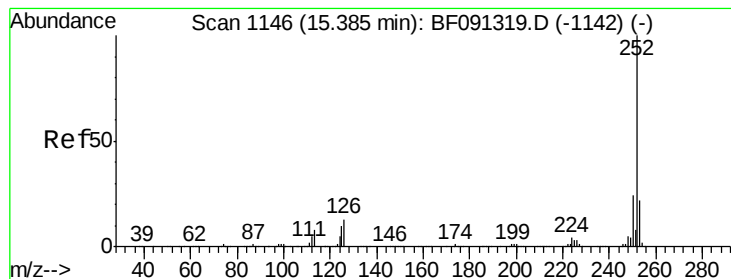


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

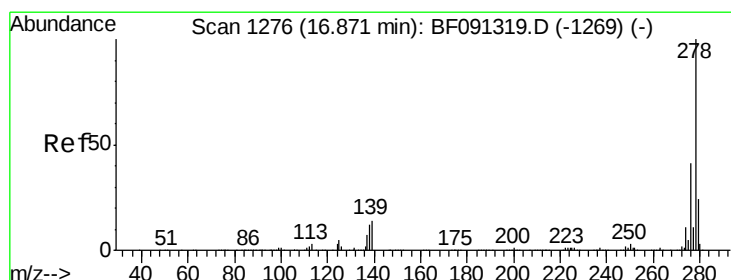
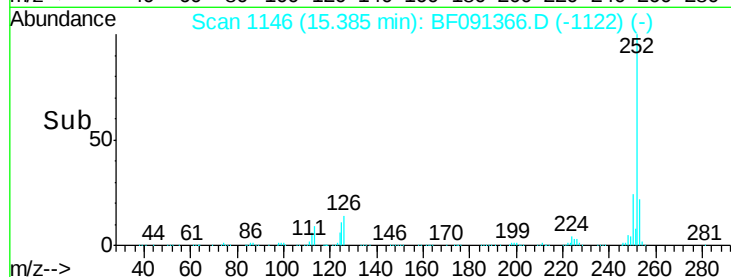
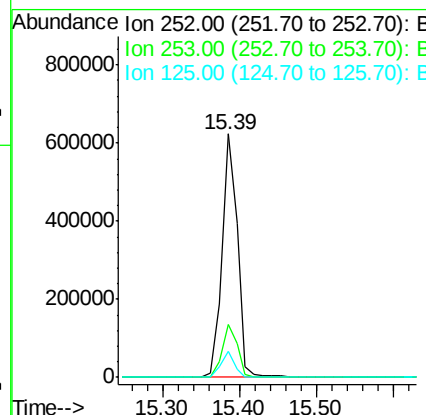
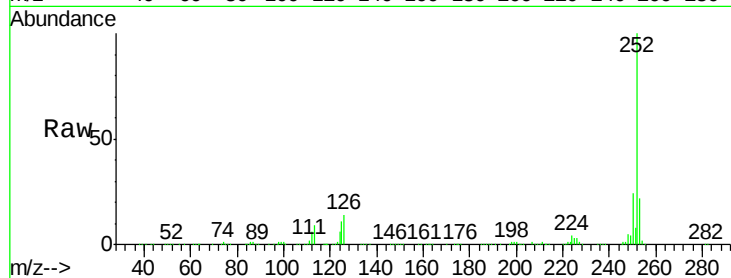




#89
Benzo(a)pyrene
Concen: 40.18 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

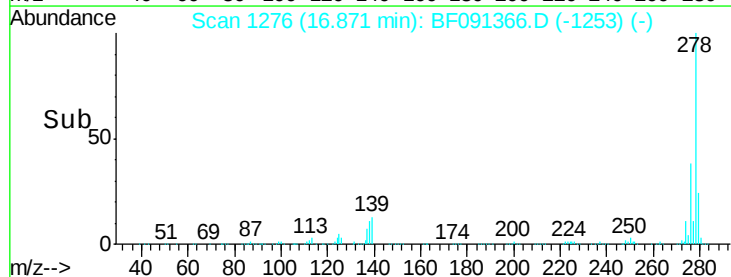
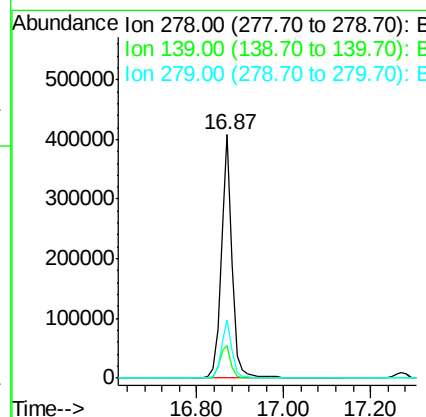
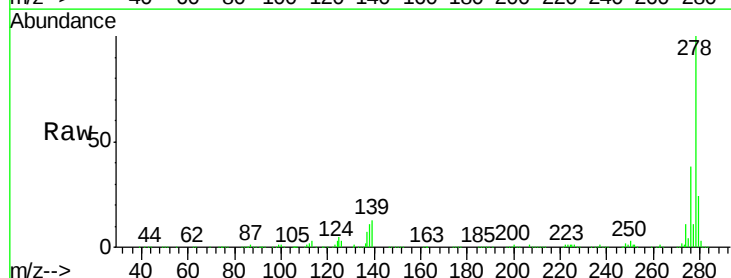
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

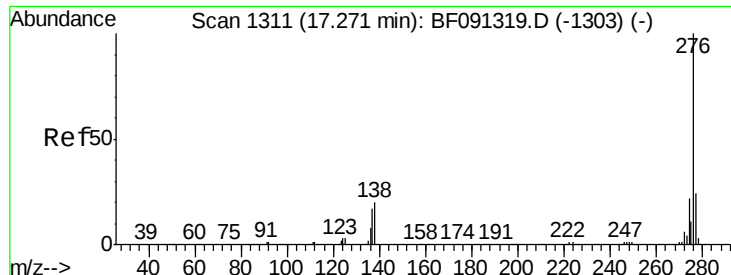
Tgt Ion:252 Resp: 871071
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 10.7 10.4 15.6



#90
Dibenzo(a,h)anthracene
Concen: 36.41 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion:278 Resp: 730189
Ion Ratio Lower Upper
278 100
139 13.5 15.1 22.7#
279 23.8 19.0 28.6





#91
 Benzo(g,h,i)perylene
 Concen: 34.05 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	703961
Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	19.3	15.4	23.0

