

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092349.D
 Acq On : 18 Jan 2017 14:11
 Operator : UM/SJ
 Sample : SPK CHK2
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

Quant Time: Jan 19 02:26:43 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	146084	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	792857	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	405720	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	632314	20.00	ng	0.00
75) Chrysene-d12	13.69	240	346948	20.00	ng	-0.01
86) Perylene-d12	15.03	264	352202	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.34	99	26491	2.48	ng	0.11
23) Nitrobenzene-d5	7.04	82	42169	2.96	ng	-0.08
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.88	172	1016	-15.15	ng	-0.03
78) Terphenyl-d14	12.63	244	553	0.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	254869	59.17	ng	# 92
3) Pyridine	2.63	79	559115	37.19	ng	97
4) n-Nitrosodimethylamine	2.61	42	281964	49.72	ng	98
6) Aniline	6.20	93	507151	36.55	ng	# 47
8) 2-Chlorophenol	6.34	128	527672	53.02	ng	90
9) Benzaldehyde	6.08	77	469123	Below	Cal	95
10) Phenol	6.22	94	742133	60.97	ng	# 72
11) bis(2-Chloroethyl)ether	6.28	93	497043	51.32	ng	95
12) 1,3-Dichlorobenzene	6.47	146	547372	51.52	ng	# 88
13) 1,4-Dichlorobenzene	6.55	146	554513	51.28	ng	98
14) 1,2-Dichlorobenzene	6.71	146	504634	53.78	ng	98
15) Benzyl Alcohol	6.71	79	449221	54.12	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.84	45	725902	50.33	ng	# 37
17) 2-Methylphenol	6.84	107	414233	51.75	ng	# 90
18) Hexachloroethane	7.04	117	212922	53.11	ng	# 85
19) n-Nitroso-di-n-propylamine	6.98	70	408097	57.43	ng	97
20) 3+4-Methylphenols	7.00	107	597485	62.59	ng	# 73
22) Acetophenone	6.96	105	791484	40.47	ng	94
24) Nitrobenzene	7.14	77	601247	39.59	ng	94
25) Isophorone	7.39	82	1076660	40.93	ng	99
26) 2-Nitrophenol	7.46	139	311751	41.63	ng	99
27) 2,4-Dimethylphenol	7.51	122	470016	37.84	ng	100
28) bis(2-Chloroethoxy)methane	7.60	93	818902	51.33	ng	100
29) 2,4-Dichlorophenol	7.71	162	557663	53.02	ng	87
30) 1,2,4-Trichlorobenzene	7.78	180	569462	49.41	ng	96
31) Naphthalene	7.86	128	1962034	54.07	ng	99
32) Benzoic acid	7.68	122	384519	41.74	ng	96
33) 4-Chloroaniline	7.91	127	398567	24.36	ng	98
34) Hexachlorobutadiene	7.97	225	301599	49.57	ng	99
35) Caprolactam	8.30	113	171742m	49.69	ng	
36) 4-Chloro-3-methylphenol	8.43	107	601008	49.66	ng	96
37) 2-Methylnaphthalene	8.54	142	1235560	70.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	514193	50.16	ng	98
40) Hexachlorocyclopentadiene	8.70	237	381491	83.39	ng	97

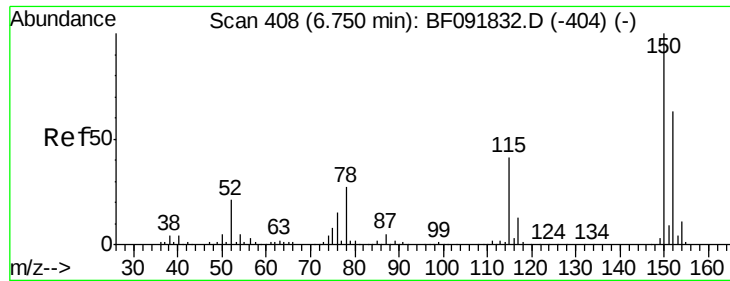
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092349.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	348711	48.64	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	372862	50.54	ng	94
45) 1,1'-Biphenyl	9.01	154	1500329	54.01	ng	97
46) 2-Chloronaphthalene	9.03	162	1146787	52.13	ng	99
47) 2-Nitroaniline	9.15	65	371001	47.36	ng	# 69
48) Acenaphthylene	9.44	152	1727463	51.06	ng	99
49) Dimethylphthalate	9.33	163	1364177	52.57	ng	100
50) 2,6-Dinitrotoluene	9.39	165	276719	48.72	ng	# 80
51) Acenaphthene	9.62	154	1098946	47.91	ng	99
52) 3-Nitroaniline	9.56	138	233677	33.25	ng	# 75
53) 2,4-Dinitrophenol	9.67	184	269018	85.13	ng	# 73
54) Dibenzofuran	9.79	168	1418579	45.79	ng	100
55) 4-Nitrophenol	9.75	139	318132m	66.66	ng	
56) 2,4-Dinitrotoluene	9.80	165	382727	53.69	ng	# 71
57) Fluorene	10.13	166	1152475	51.14	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	289886	49.68	ng	93
59) Diethylphthalate	10.02	149	1227558	48.71	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	490157	49.67	ng	# 75
61) 4-Nitroaniline	10.18	138	343835	47.20	ng	80
62) Azobenzene	10.28	77	1405398	50.65	ng	97
64) 4,6-Dinitro-2-methylphenol	10.21	198	194166	50.78	ng	95
65) n-Nitrosodiphenylamine	10.24	169	935162	49.84	ng	100
66) 4-Bromophenyl-phenylether	10.61	248	332669	50.58	ng	93
67) Hexachlorobenzene	10.68	284	364183	51.80	ng	# 89
68) Atrazine	10.78	200	287429	47.49	ng	98
69) Pentachlorophenol	10.88	266	254281	73.71	ng	100
70) Phenanthrene	11.08	178	1564037	45.62	ng	99
71) Anthracene	11.14	178	1784253	77.75	ng	99
72) Carbazole	11.30	167	1424378	57.76	ng	99
73) Di-n-butylphthalate	11.64	149	1951630	61.58	ng	# 98
74) Fluoranthene	12.27	202	1611544	54.37	ng	92
76) Benzidine	12.39	184	197583	18.89	ng	96
77) Pyrene	12.49	202	1472788	57.86	ng	99
79) Butylbenzylphthalate	13.13	149	775187	66.96	ng	# 84
80) Benzo(a)anthracene	13.67	228	1095842	55.96	ng	100
81) 3,3'-Dichlorobenzidine	13.65	252	320098	43.10	ng	# 94
82) Chrysene	13.71	228	947779	48.25	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	926773	67.97	ng	99
84) Di-n-octyl phthalate	14.29	149	1509049	59.75	ng	98
85) Indeno(1,2,3-cd)pyrene	16.26	276	1205108	70.81	ng	98
87) Benzo(b)fluoranthene	14.68	252	1181105m	53.86	ng	
88) Benzo(k)fluoranthene	14.70	252	814391m	43.55	ng	
89) Benzo(a)pyrene	14.99	252	1013053	52.05	ng	# 96
90) Dibenzo(a,h)anthracene	16.27	278	990383	61.91	ng	97
91) Benzo(g,h,i)perylene	16.62	276	1100541	66.16	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

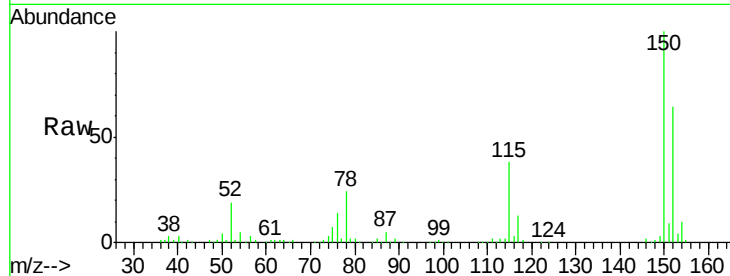
Tgt Ion:152 Resp: 146084

Ion Ratio Lower Upper

152 100

150 155.8 124.9 187.3

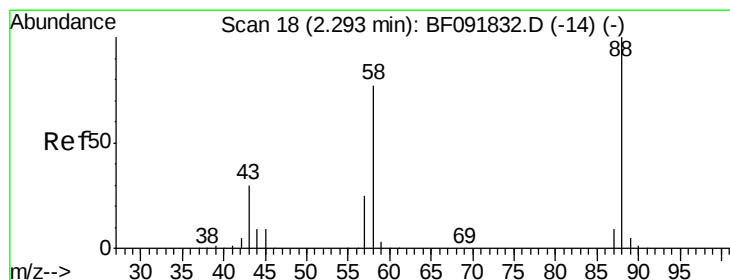
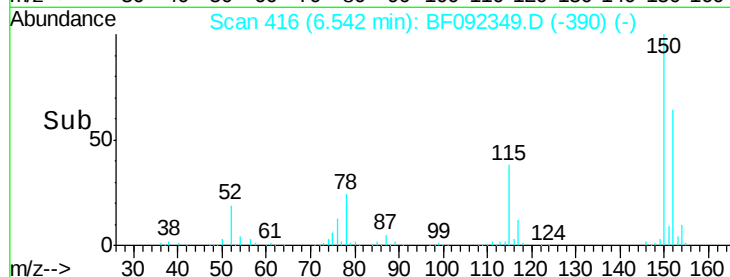
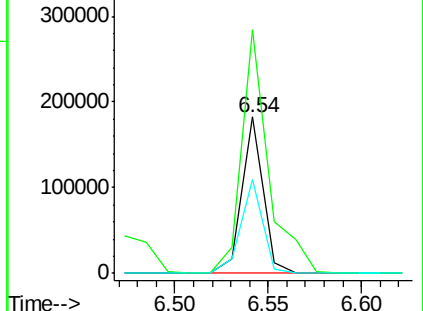
115 59.7 46.0 69.0



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: 59.17 ng

RT: 2.03 min Scan# 21

Delta R.T. 0.09 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

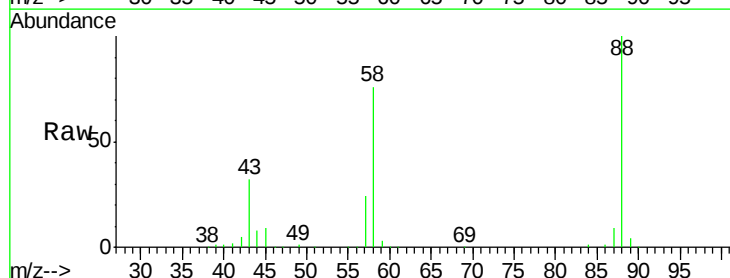
Tgt Ion: 88 Resp: 254869

Ion Ratio Lower Upper

88 100

58 76.6 57.8 86.8

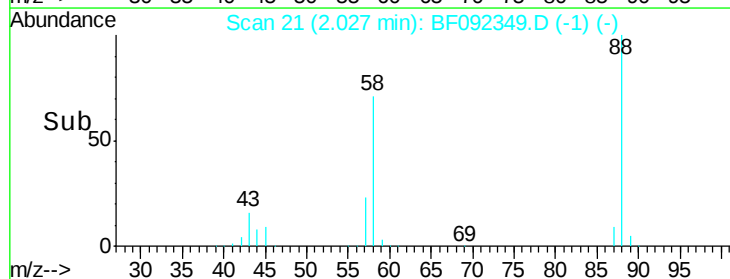
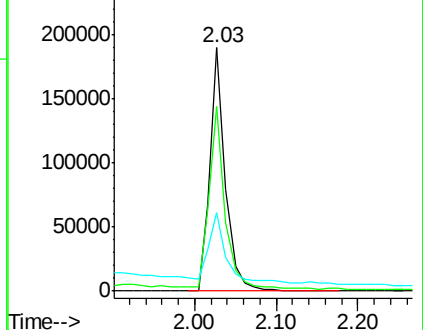
43 35.5 22.3 33.5#

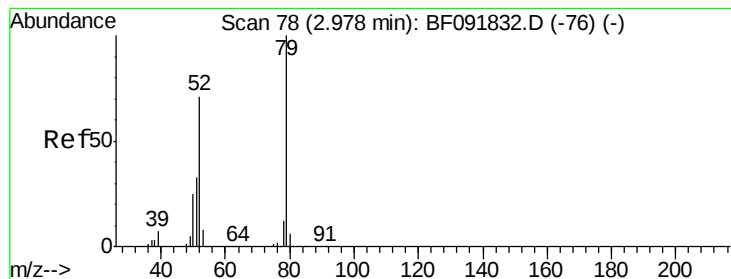


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.19 ng

RT: 2.63 min Scan# 74

Delta R.T. 0.08 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

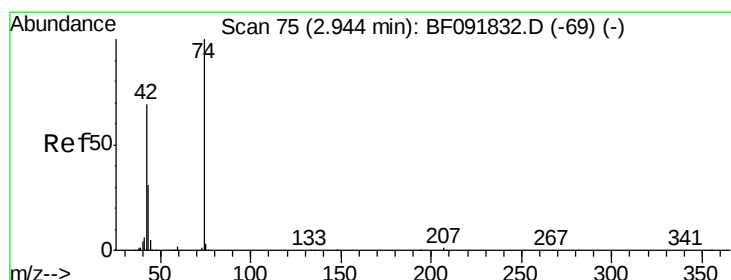
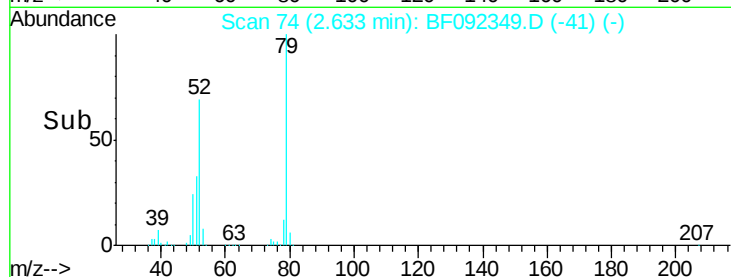
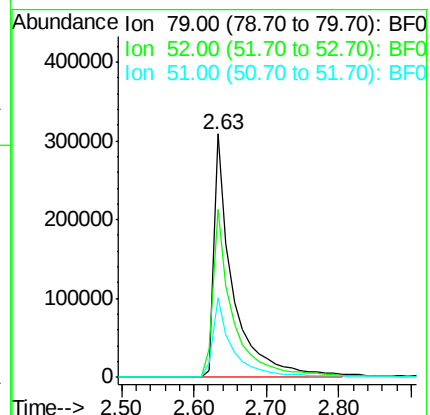
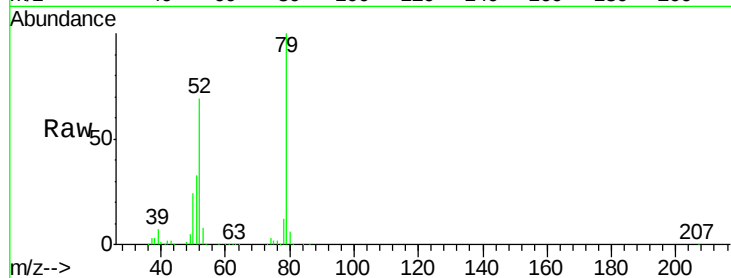
Tgt Ion: 79 Resp: 559115

Ion Ratio Lower Upper

79 100

52 69.1 57.1 85.7

51 32.9 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 49.72 ng

RT: 2.61 min Scan# 72

Delta R.T. 0.08 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

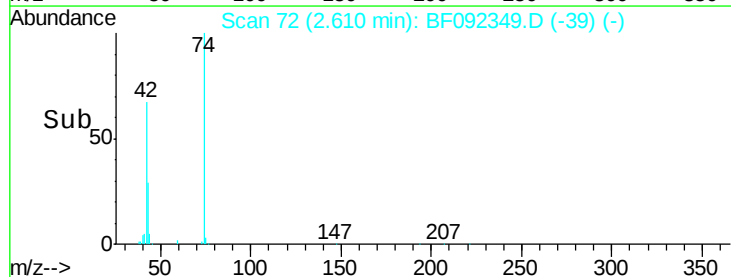
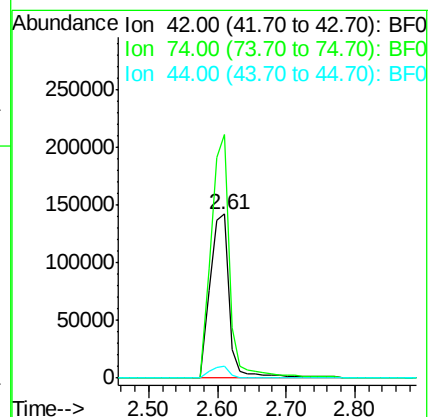
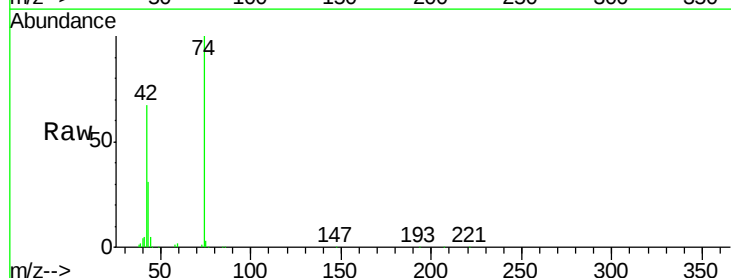
Tgt Ion: 42 Resp: 281964

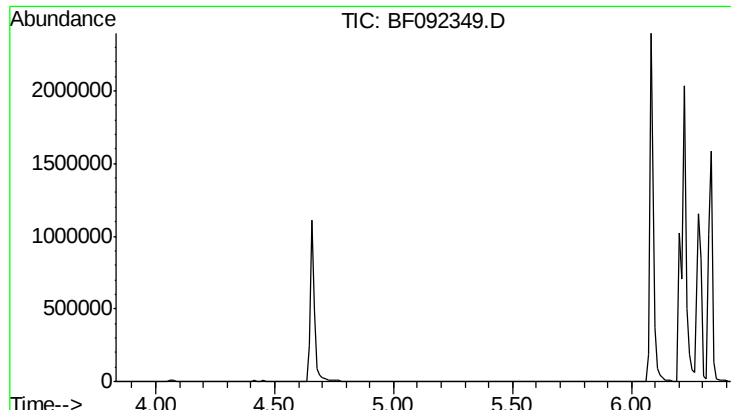
Ion Ratio Lower Upper

42 100

74 148.4 117.0 175.4

44 7.0 5.5 8.3

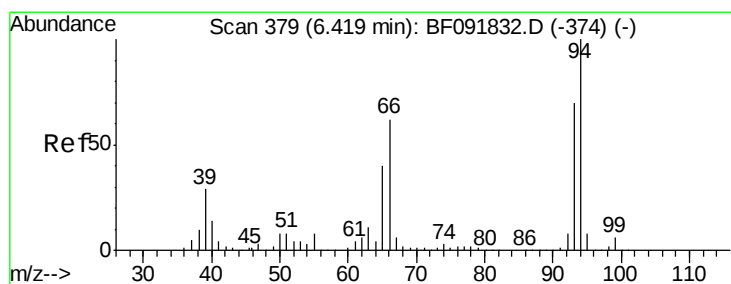
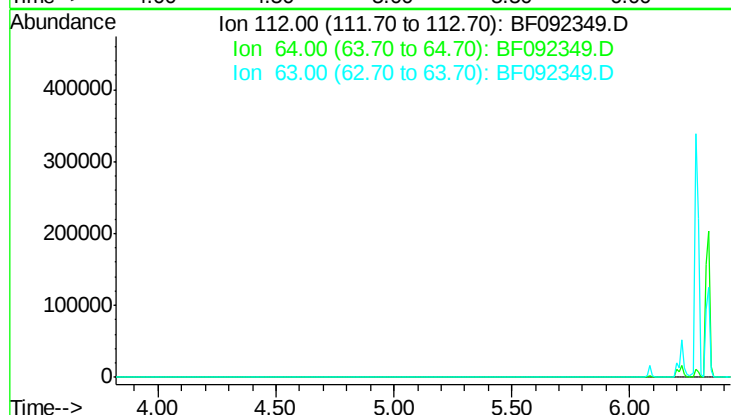




#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.12 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

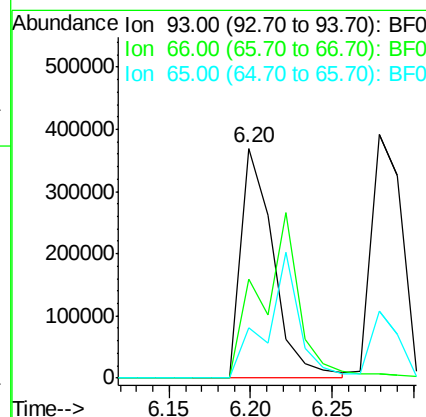
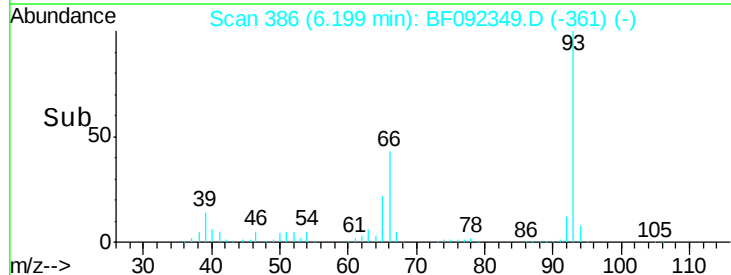
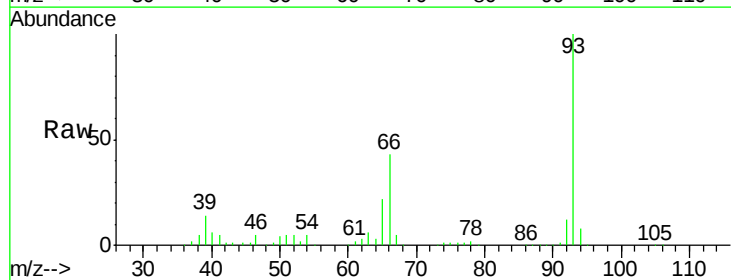
Instrument :
 BNA_F
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 SPK CHK2

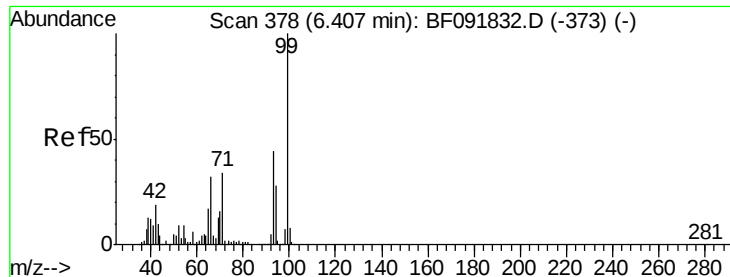
Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.6
 63 29.7



#6
 Aniline
 Concen: 36.55 ng
 RT: 6.20 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Tgt Ion: 93 Resp: 507151
 Ion Ratio Lower Upper
 93 100
 66 43.1 76.2 114.2#
 65 21.9 49.3 73.9#





#7

Phenol-d6

Concen: 2.48 ng

RT: 6.34 min Scan# 398

Delta R.T. 0.11 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

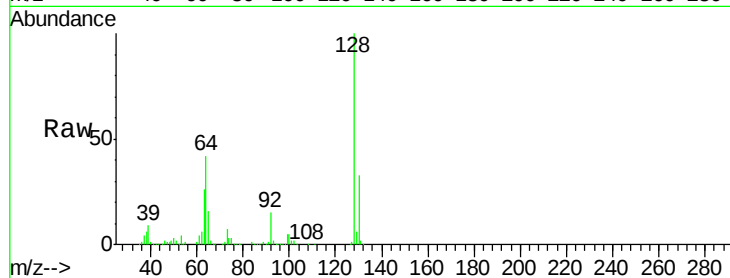
Tgt Ion: 99 Resp: 26491

Ion Ratio Lower Upper

99 100

42 8.0 15.6 23.4#

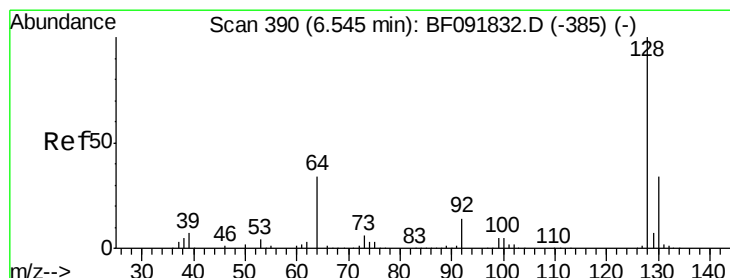
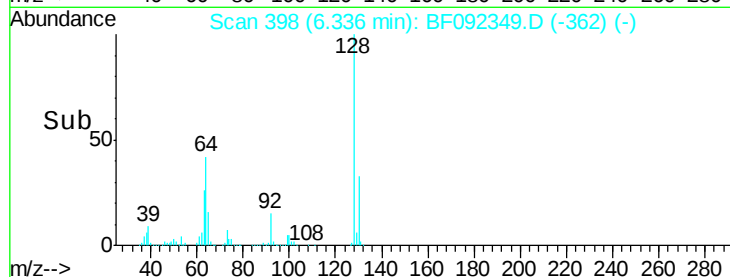
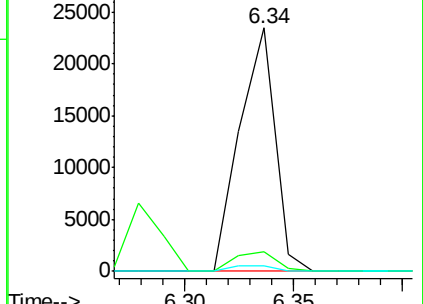
71 2.2 27.5 41.3#



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: 53.02 ng

RT: 6.34 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

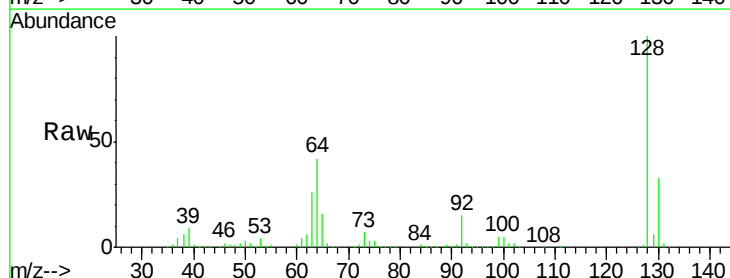
Tgt Ion: 128 Resp: 527672

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

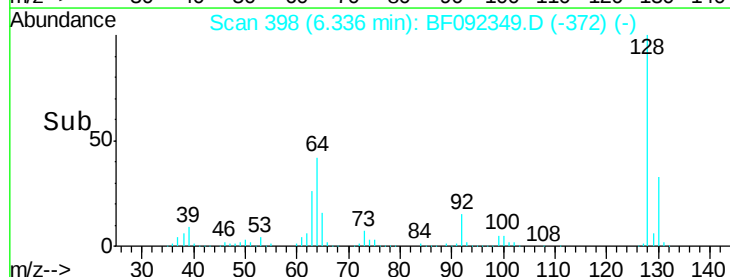
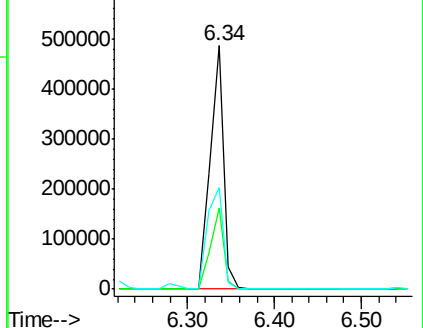
64 41.7 32.2 72.2

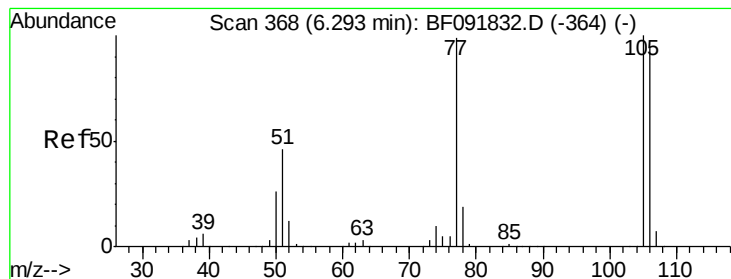


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.08 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

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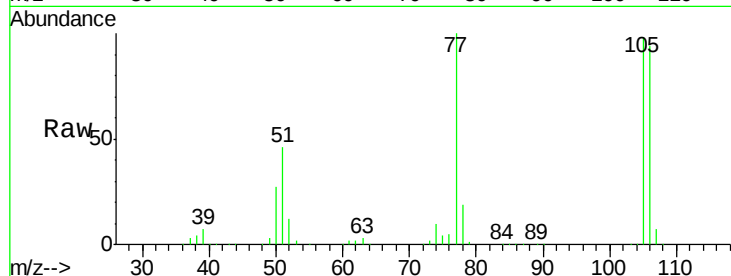
Tgt Ion: 77 Resp: 469123

Ion Ratio Lower Upper

77 100

105 97.7 83.9 123.9

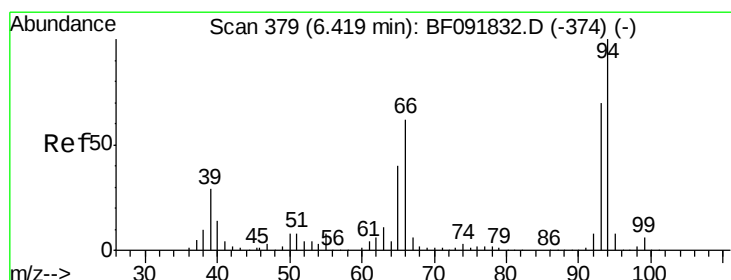
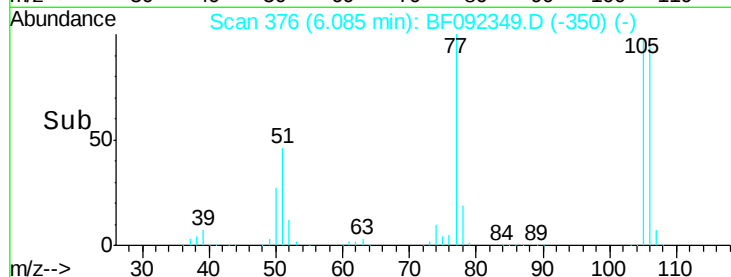
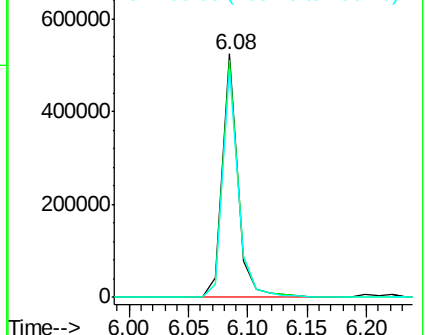
106 93.7 77.6 117.6



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: 60.97 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

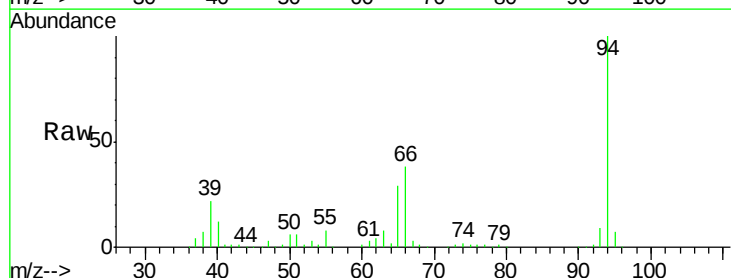
Tgt Ion: 94 Resp: 742133

Ion Ratio Lower Upper

94 100

65 29.0 21.4 61.4

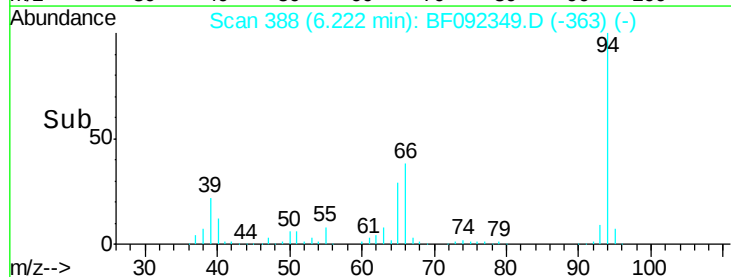
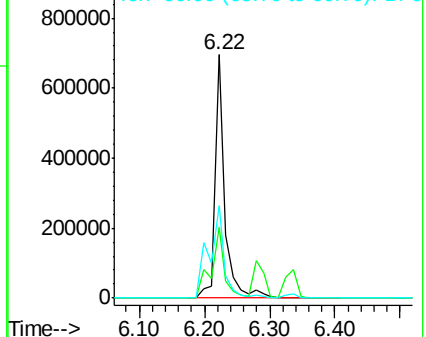
66 38.2 44.0 84.0#

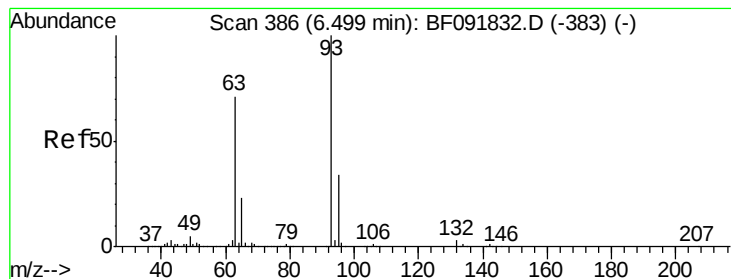


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

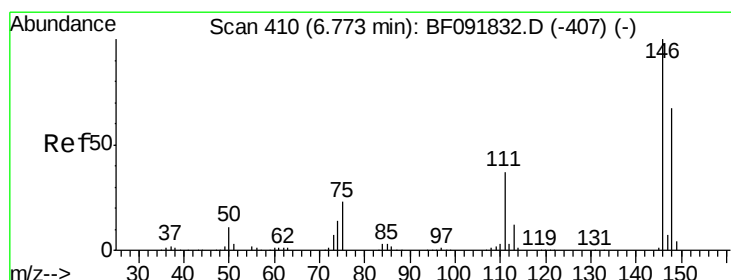
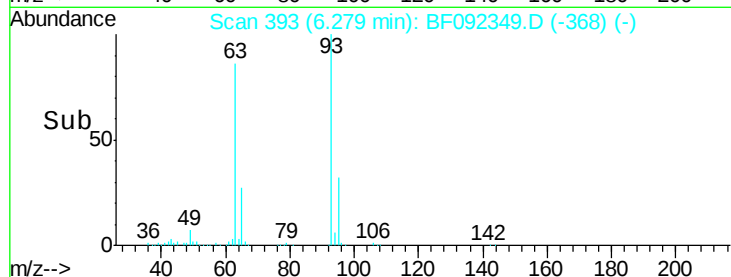
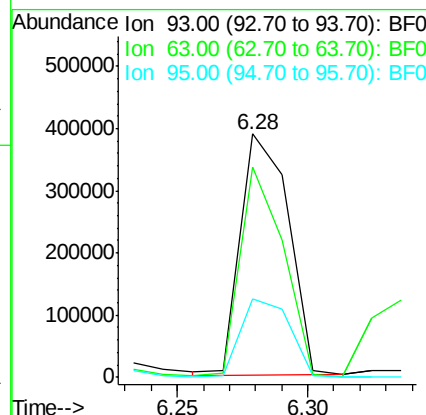
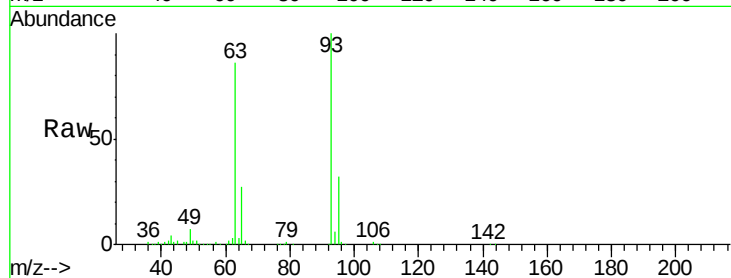




#11
bis(2-Chloroethyl)ether
Concen: 51.32 ng
RT: 6.28 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

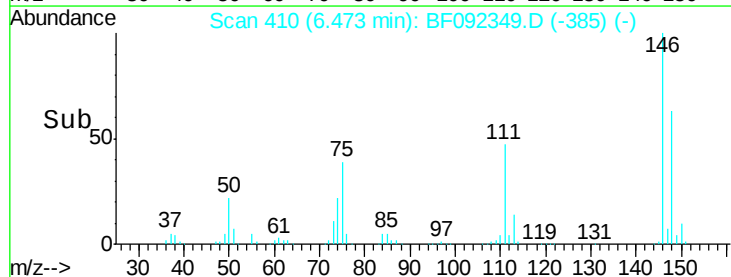
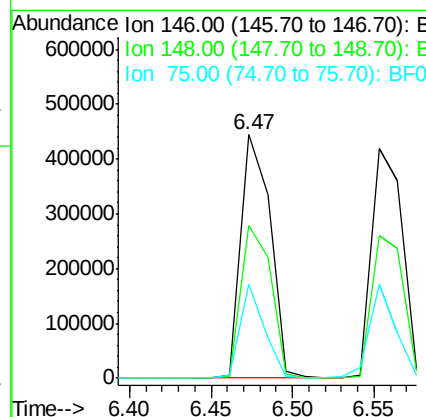
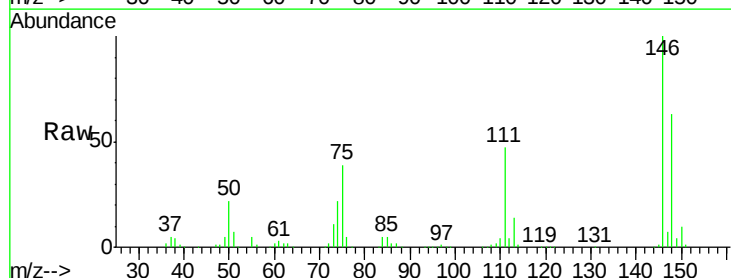
Instrument :
BNA_F
ClientSampled :
SPK CHK2

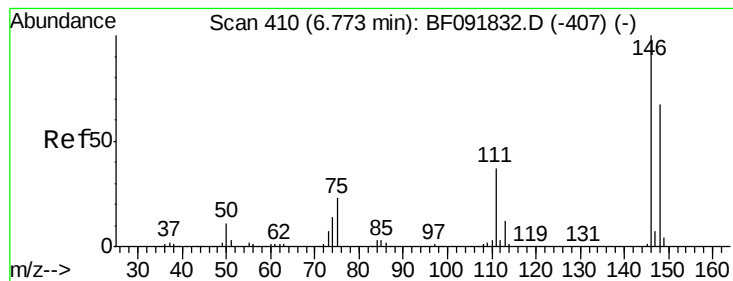
Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.4	60.4	100.4
95	32.5	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 51.52 ng
RT: 6.47 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.4	80.0
75	38.5	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 51.28 ng

RT: 6.55 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampled :

SPK CHK2

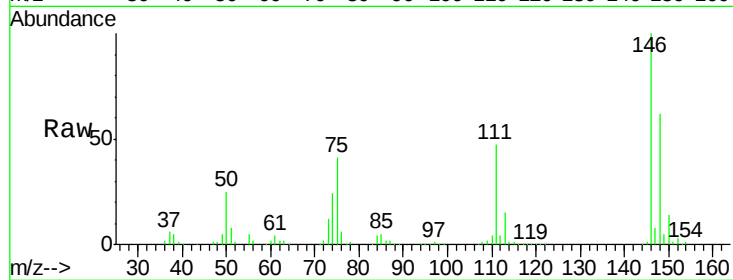
Tgt Ion:146 Resp: 554513

Ion Ratio Lower Upper

146 100

148 61.9 50.6 76.0

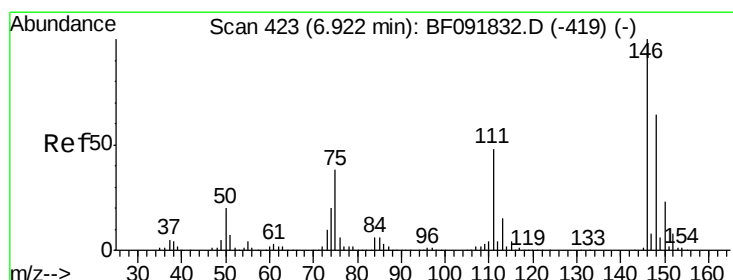
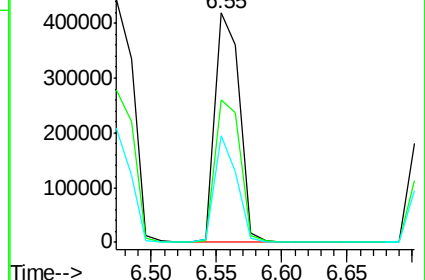
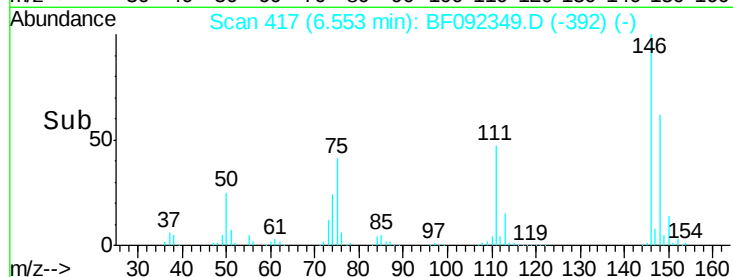
111 46.6 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 53.78 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

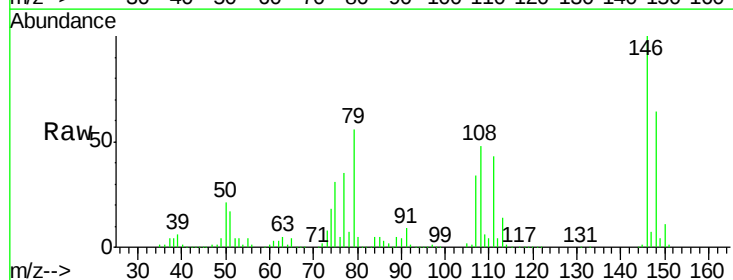
Tgt Ion:146 Resp: 504634

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

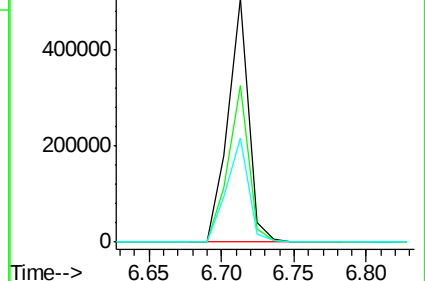
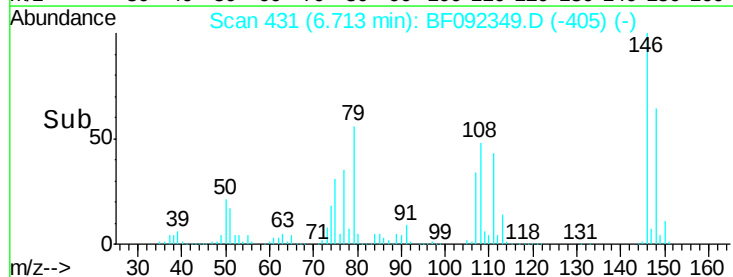
111 42.9 36.2 54.2

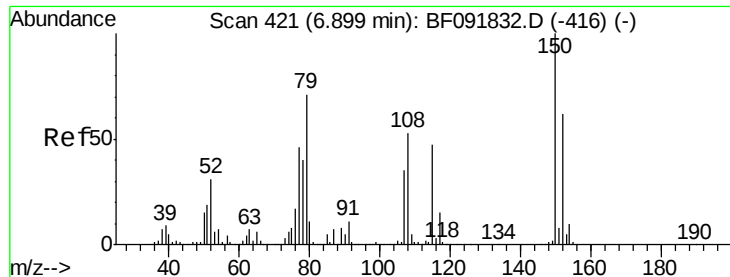


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.12 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

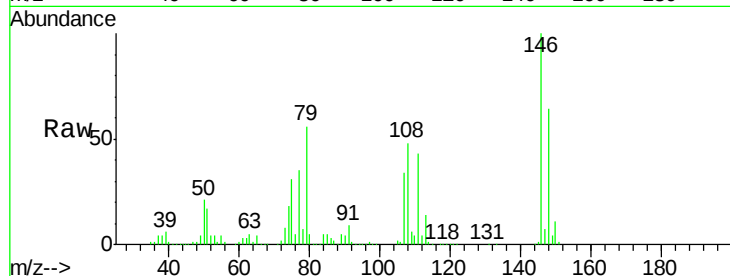
Tgt Ion: 79 Resp: 449221

Ion Ratio Lower Upper

79 100

108 85.9 61.4 92.0

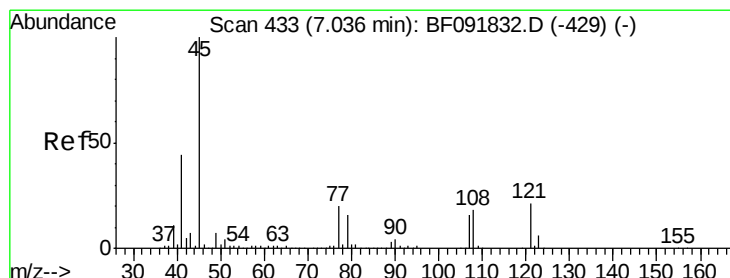
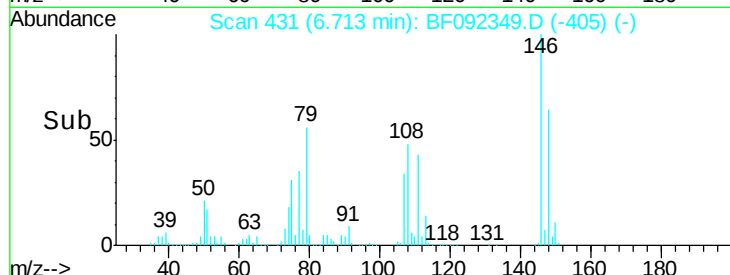
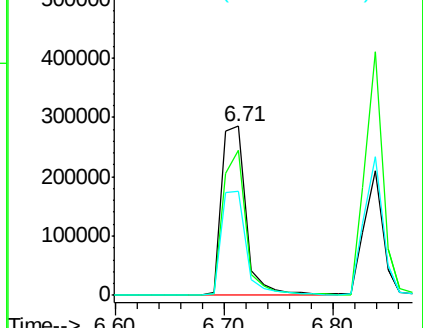
77 61.7 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.33 ng

RT: 6.84 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

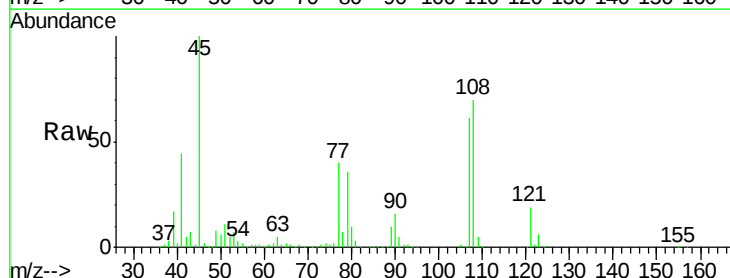
Tgt Ion: 45 Resp: 725902

Ion Ratio Lower Upper

45 100

77 40.0 0.0 34.6#

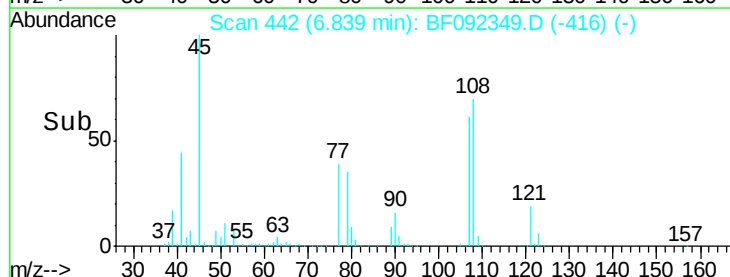
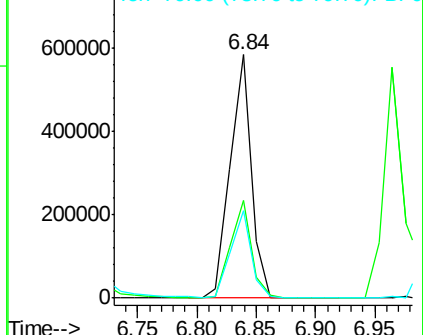
79 35.8 0.0 31.2#

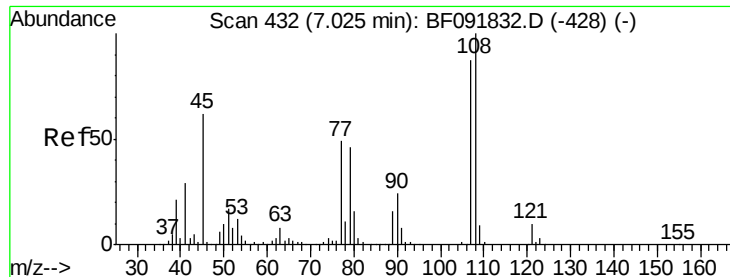


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

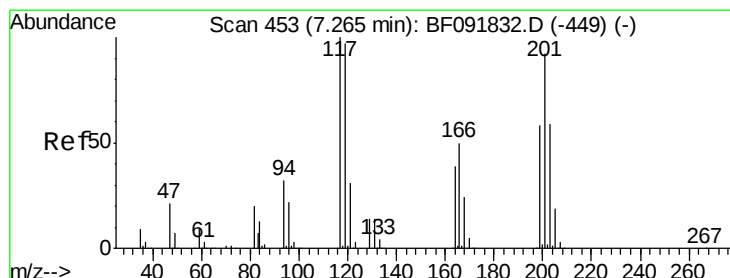
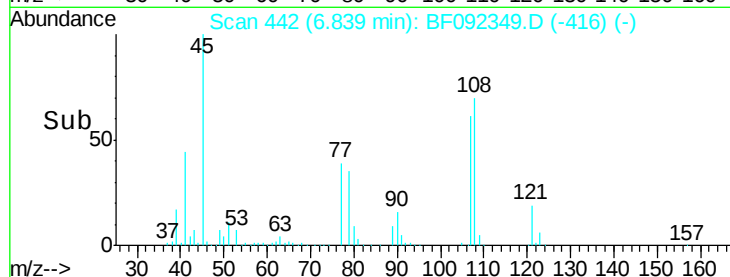
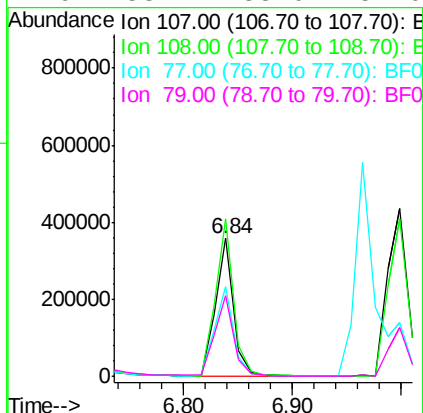
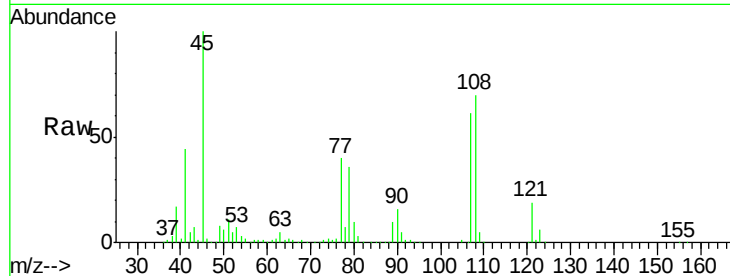




#17
2-Methylphenol
Concen: 51.75 ng
RT: 6.84 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

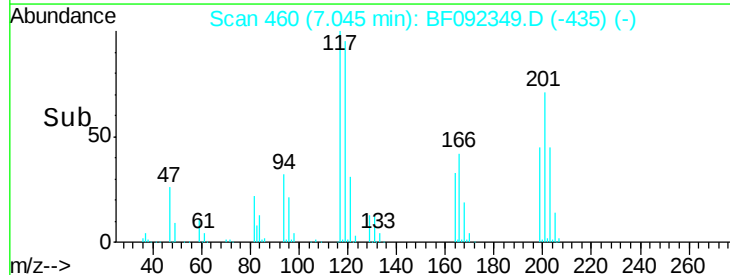
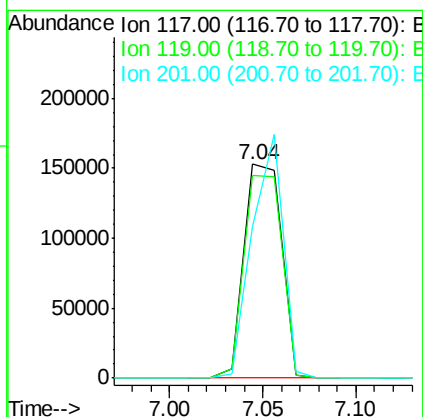
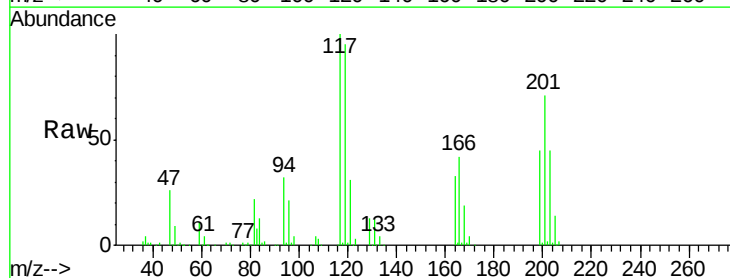
Instrument :
BNA_F
ClientSampleId :
SPK CHK2

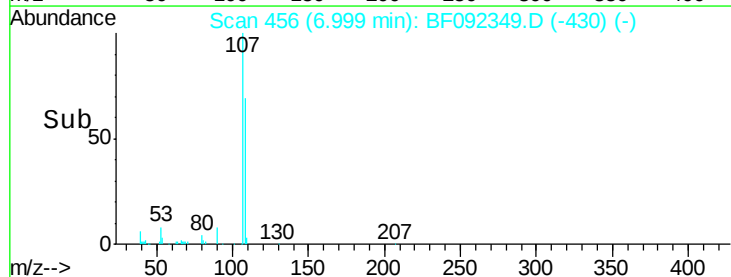
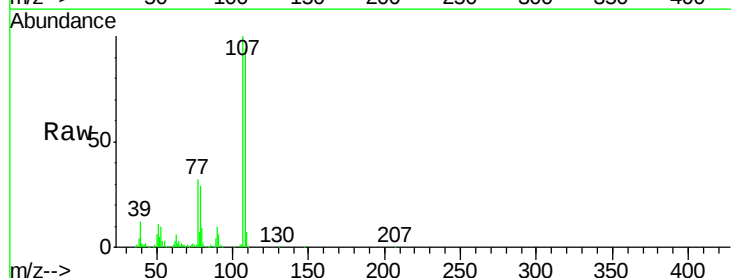
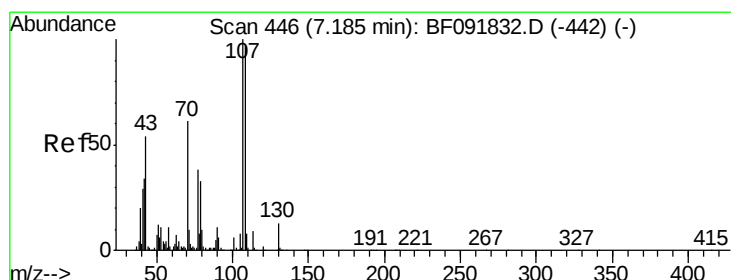
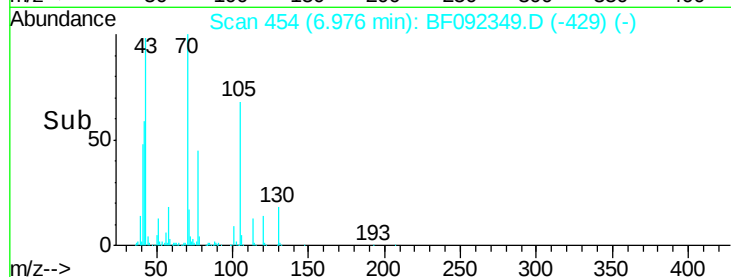
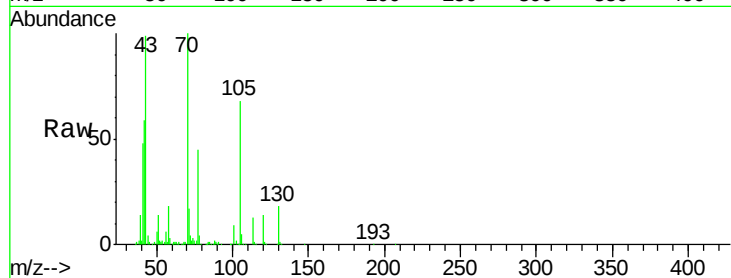
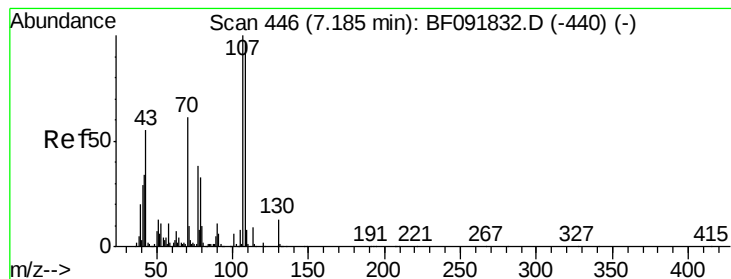
Tgt Ion:107 Resp: 414233
Ion Ratio Lower Upper
107 100
108 114.5 93.0 139.6
77 65.3 39.8 59.8#
79 58.4 38.0 57.0#



#18
Hexachloroethane
Concen: 53.11 ng
RT: 7.04 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion:117 Resp: 212922
Ion Ratio Lower Upper
117 100
119 94.6 78.1 117.1
201 70.7 78.6 117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 57.43 ng

RT: 6.98 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

Tgt Ion: 70 Resp: 408097

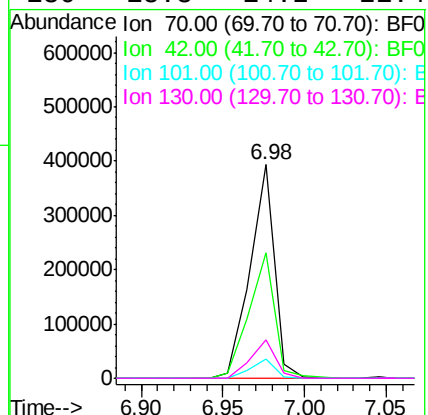
Ion Ratio Lower Upper

70 100

42 58.5 49.4 74.0

101 8.9 7.4 11.2

130 18.3 14.2 21.4



#20

3+4-Methylphenols

Concen: 62.59 ng

RT: 7.00 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Tgt Ion: 107 Resp: 597485

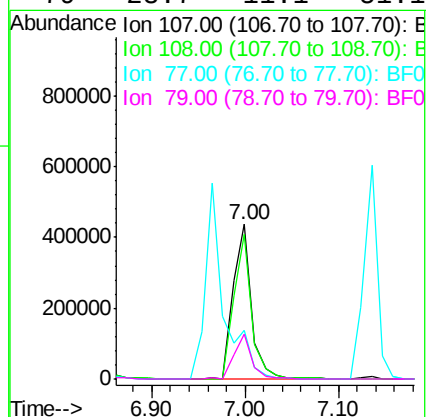
Ion Ratio Lower Upper

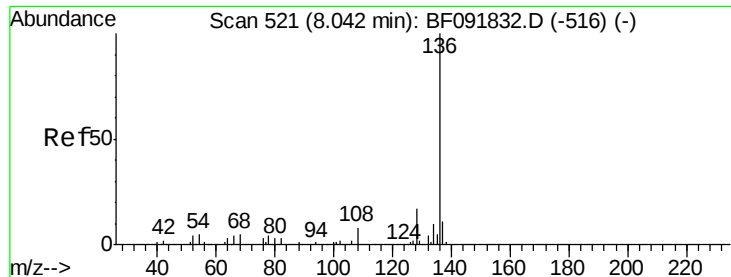
107 100

108 93.7 73.0 113.0

77 31.8 71.3 111.3#

79 28.7 11.1 51.1

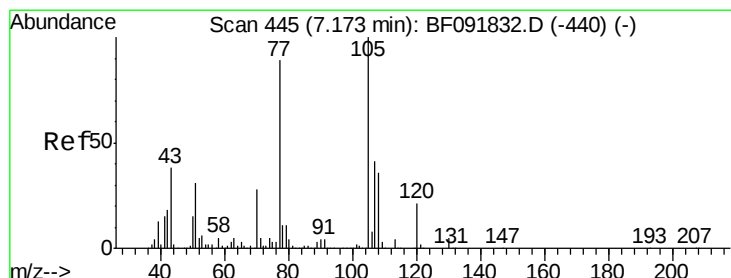
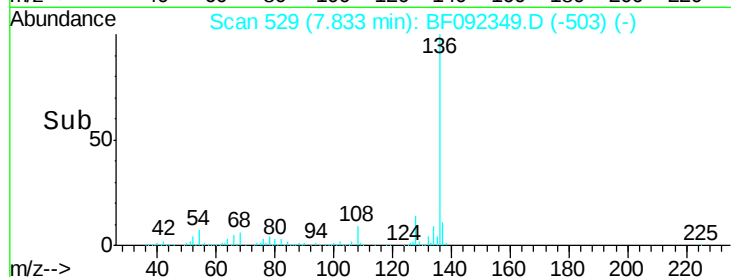
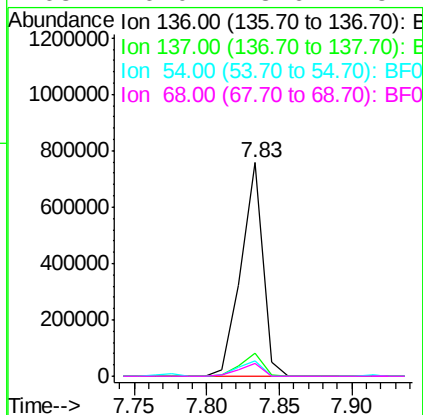
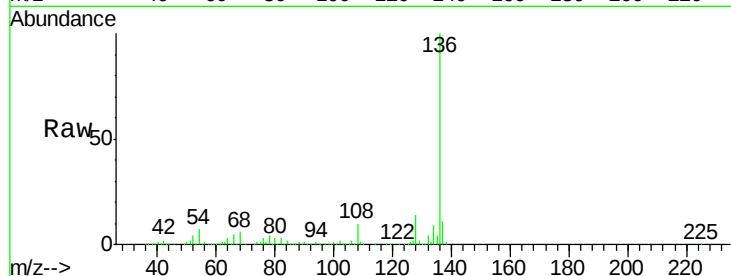




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

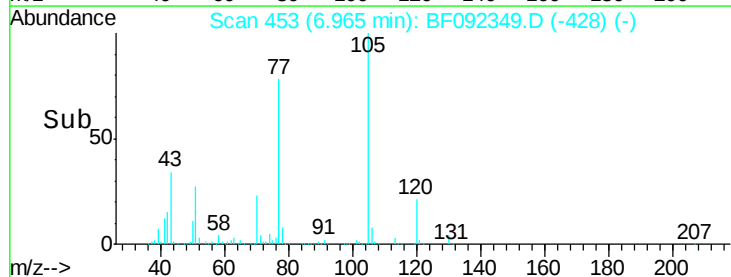
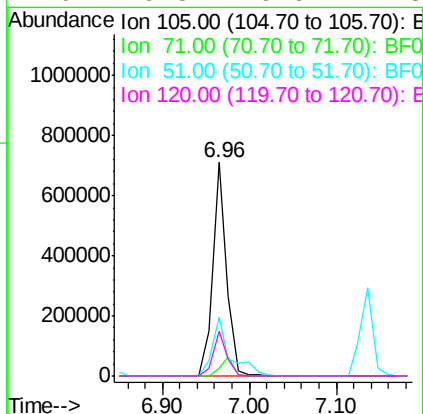
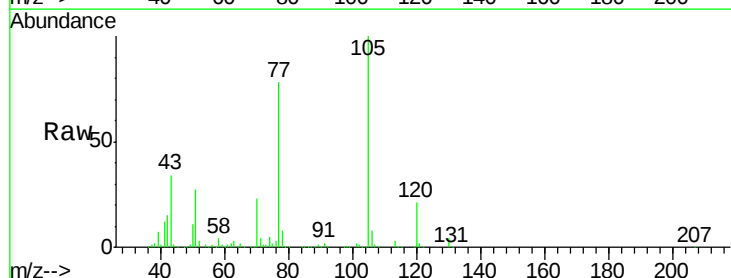
Instrument :
BNA_F
ClientSampleId :
SPK CHK2

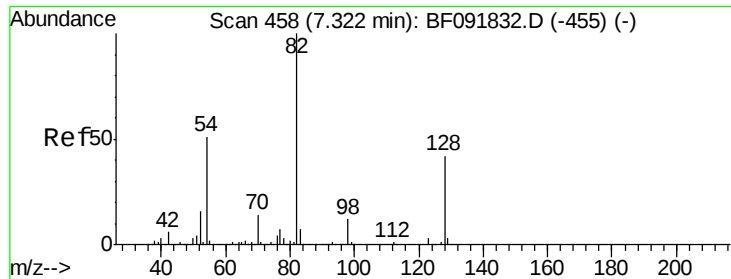
Tgt Ion:	136	Resp:	792857
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.2	4.5	6.7#
68	6.0	3.6	5.4#



#22
Acetophenone
Concen: 40.47 ng
RT: 6.96 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion:	105	Resp:	791484
Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.2	4.8
51	27.4	26.2	39.4
120	20.8	16.6	24.8

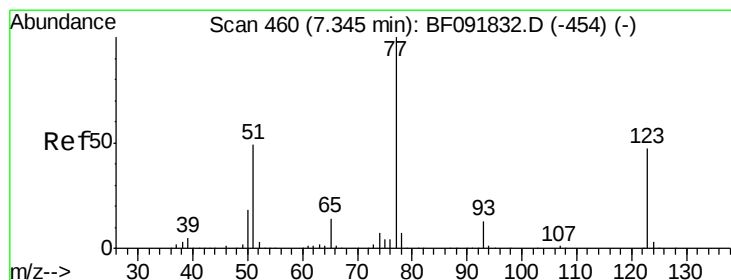
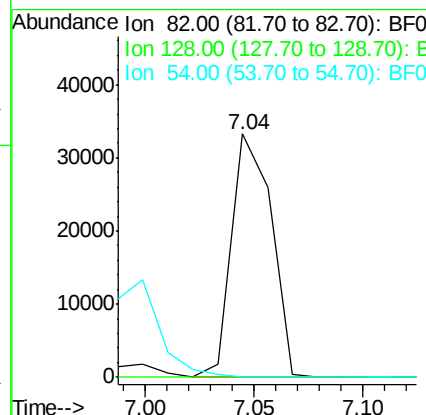
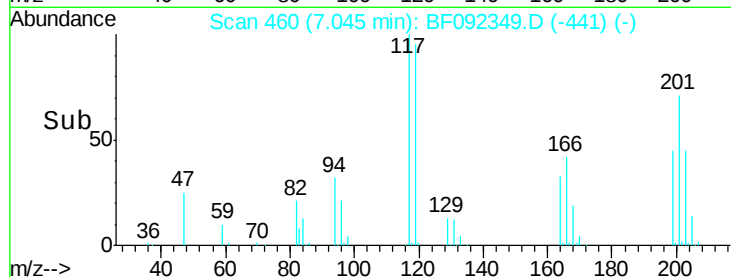
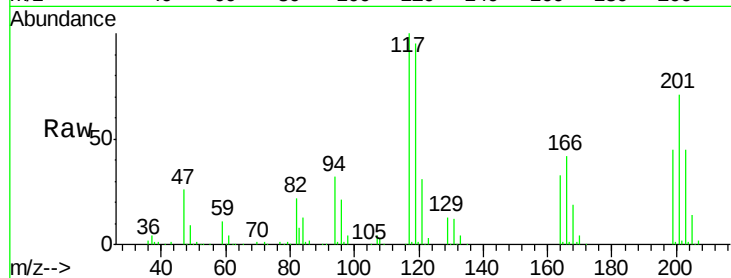




#23
 Nitrobenzene-d5
 Concen: 2.96 ng
 RT: 7.04 min Scan# 460
 Delta R.T. -0.08 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

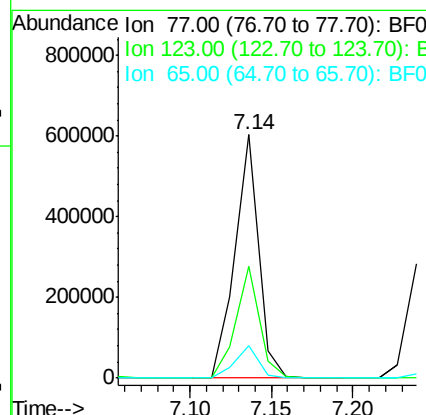
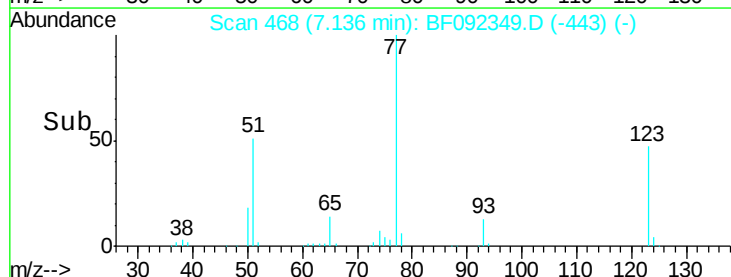
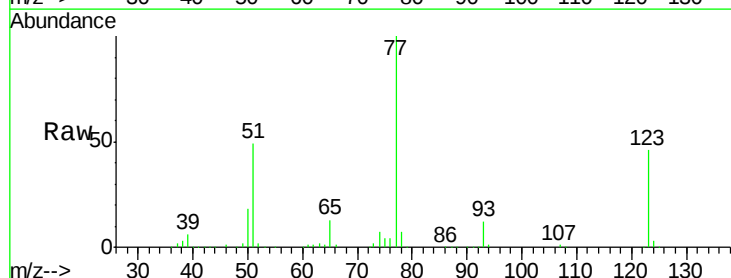
Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

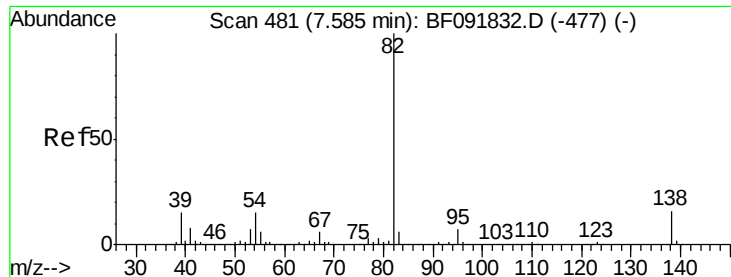
Tgt Ion	Ratio	Lower	Upper
82	100		
128	0.0	34.6	52.0#
54	0.0	39.5	59.3#



#24
 Nitrobenzene
 Concen: 39.59 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	33.0	49.4
65	13.3	11.2	16.8





#25

Isophorone

Concen: 40.93 ng

RT: 7.39 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

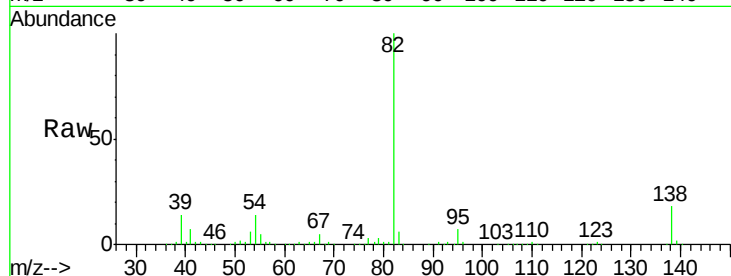
Tgt Ion: 82 Resp: 1076660

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

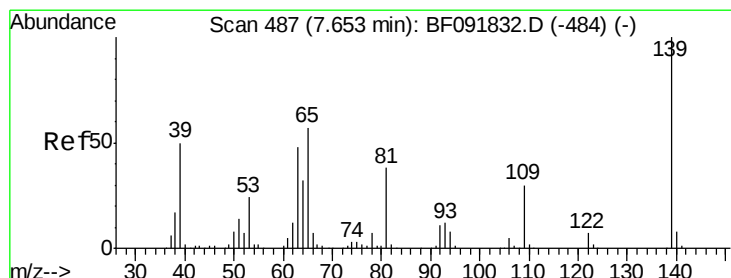
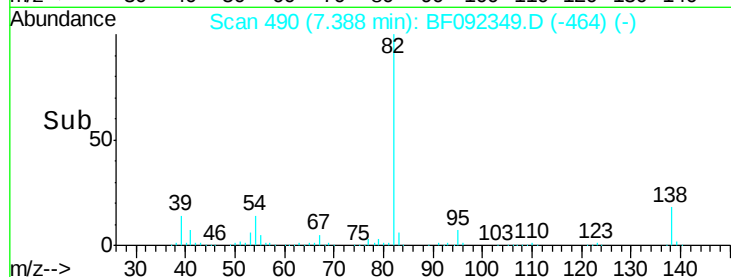
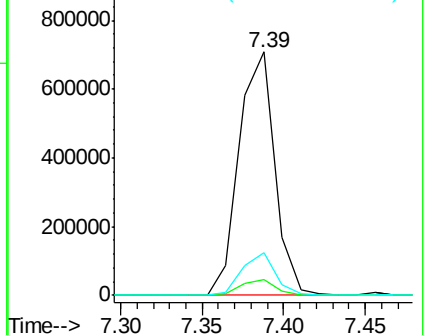
138 17.8 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.63 ng

RT: 7.46 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

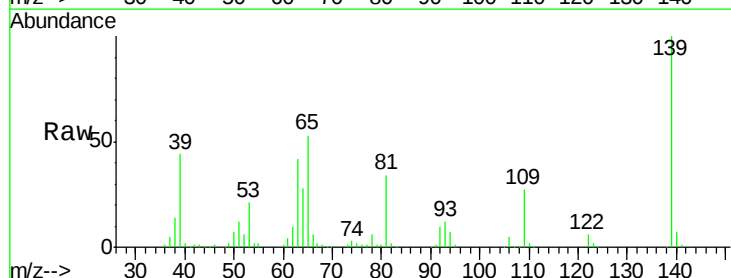
Tgt Ion: 139 Resp: 311751

Ion Ratio Lower Upper

139 100

109 27.3 23.3 34.9

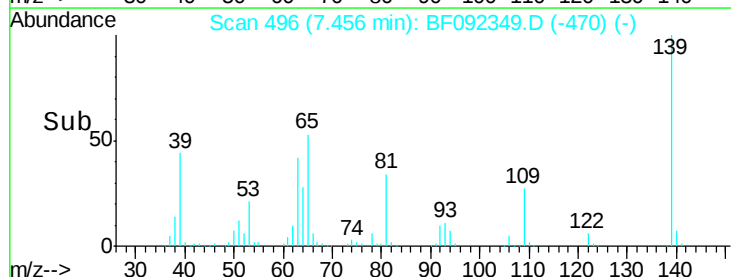
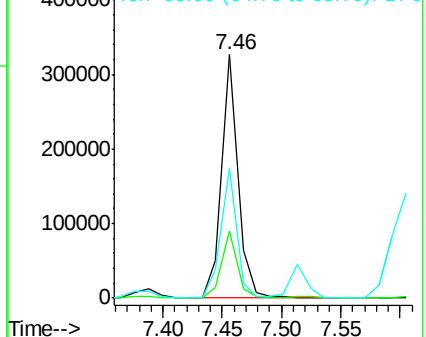
65 53.2 42.7 64.1

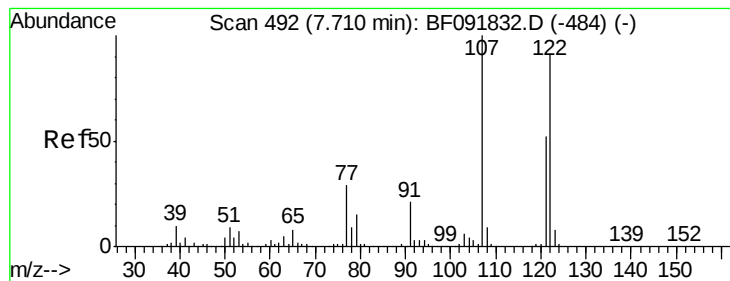


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.84 ng

RT: 7.51 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

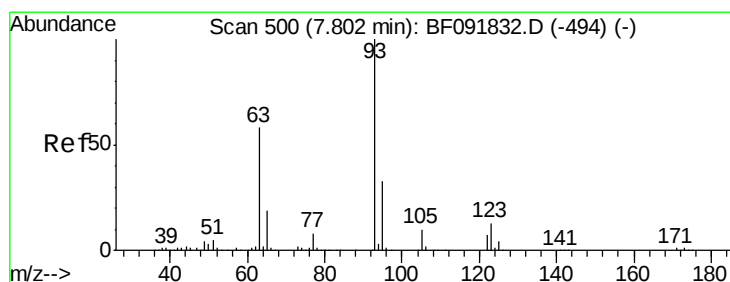
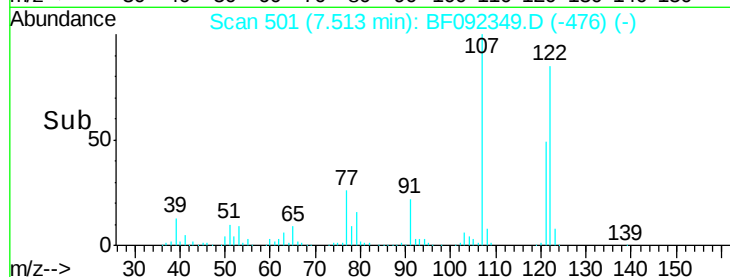
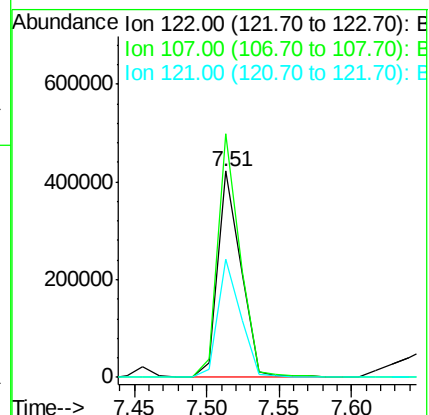
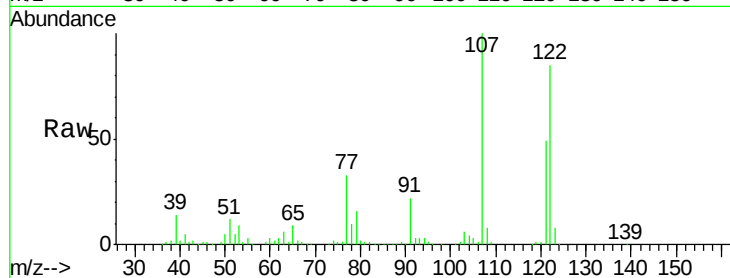
Tgt Ion:122 Resp: 470016

Ion Ratio Lower Upper

122 100

107 118.0 94.1 141.1

121 57.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 51.33 ng

RT: 7.60 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

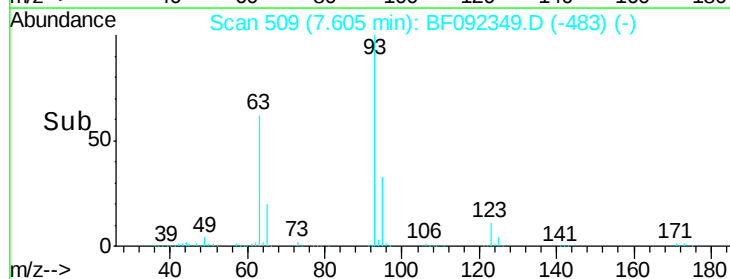
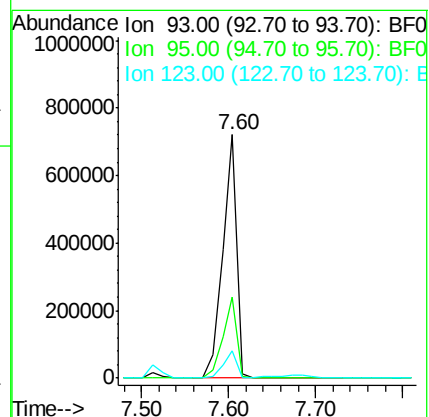
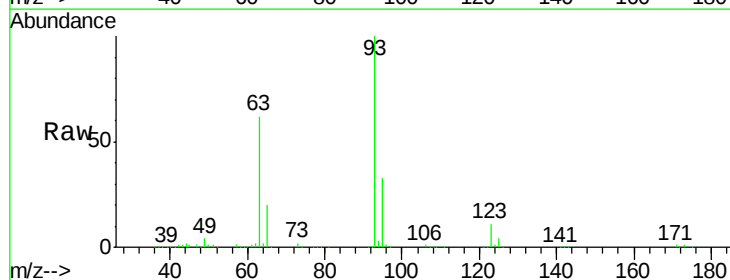
Tgt Ion: 93 Resp: 818902

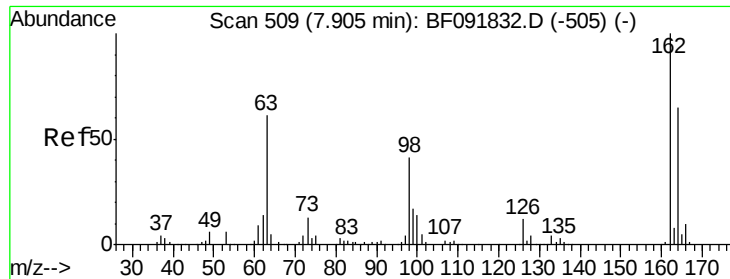
Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

123 11.2 8.6 13.0

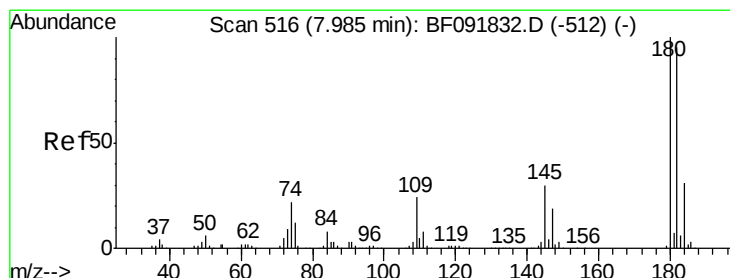
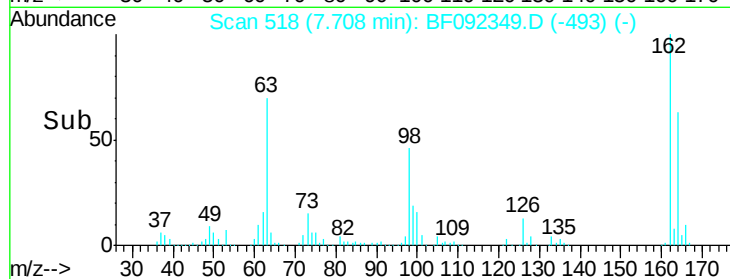
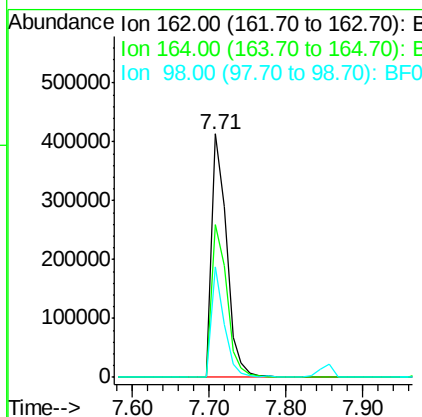
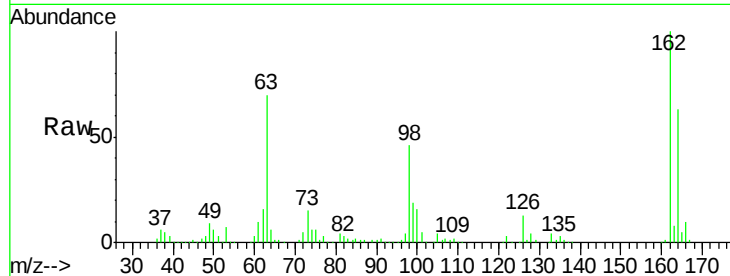




#29
2,4-Dichlorophenol
Concen: 53.02 ng
RT: 7.71 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

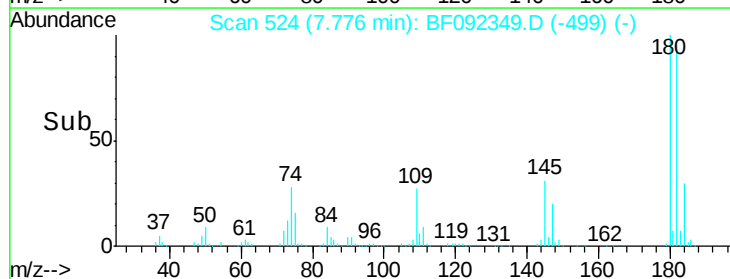
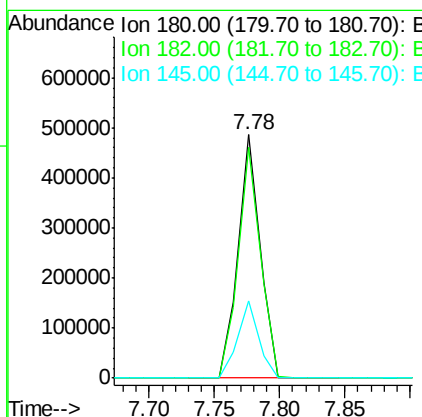
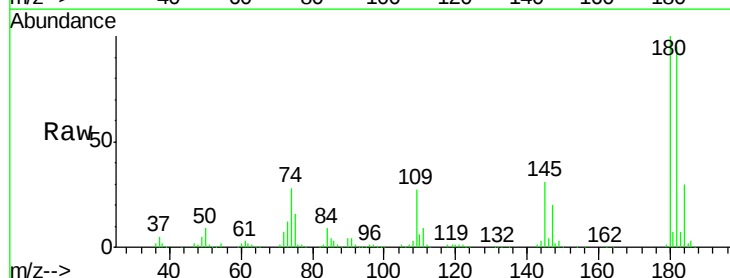
Instrument :
BNA_F
ClientSampleId :
SPK CHK2

Tgt Ion:162 Resp: 557663
Ion Ratio Lower Upper
162 100
164 62.9 46.8 86.8
98 45.6 9.1 49.1



#30
1,2,4-Trichlorobenzene
Concen: 49.41 ng
RT: 7.78 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion:180 Resp: 569462
Ion Ratio Lower Upper
180 100
182 94.7 78.2 117.4
145 31.5 21.6 32.4





#31

Naphthalene

Concen: 54.07 ng

RT: 7.86 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

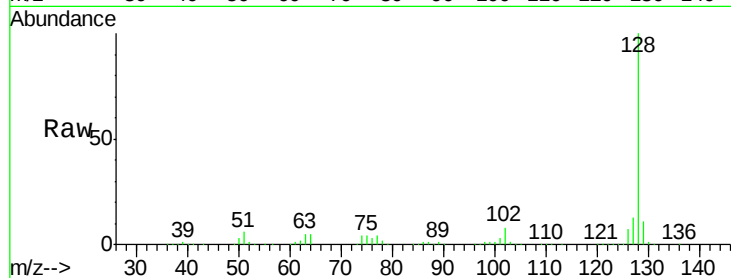
Tgt Ion:128 Resp: 1962034

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

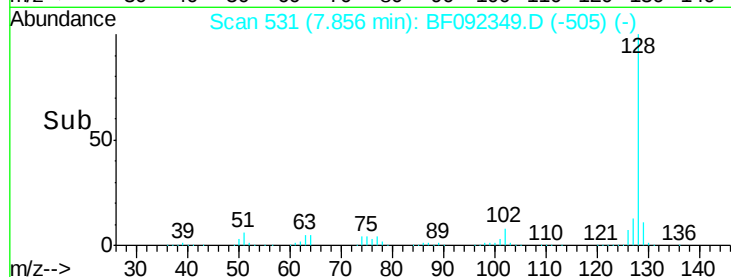
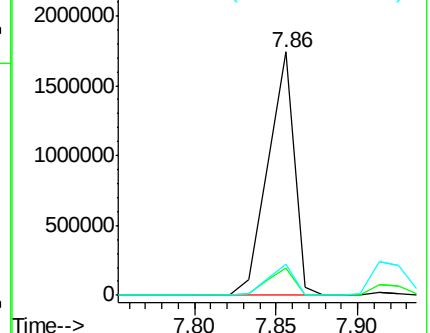
127 13.0 10.8 16.2



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: 41.74 ng

RT: 7.68 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

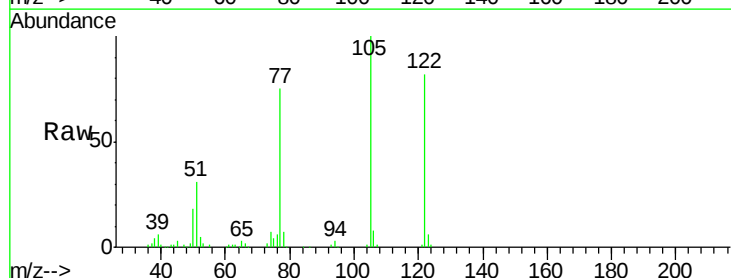
Tgt Ion:122 Resp: 384519

Ion Ratio Lower Upper

122 100

105 121.8 107.2 147.2

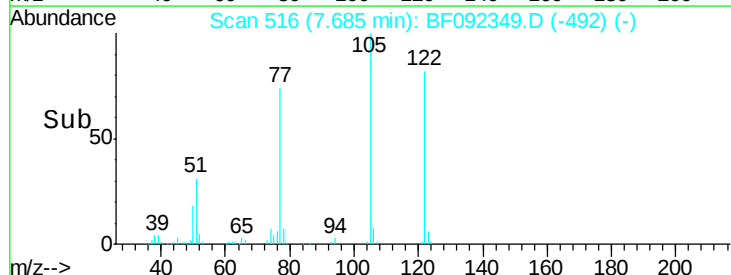
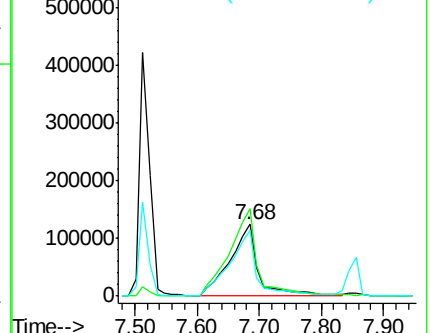
77 91.2 74.5 114.5



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

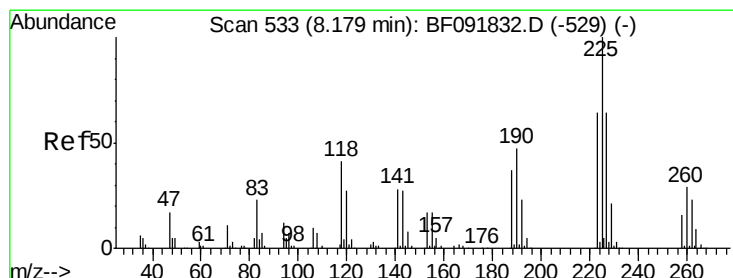
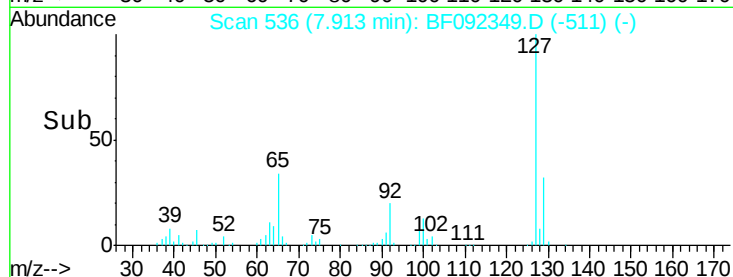
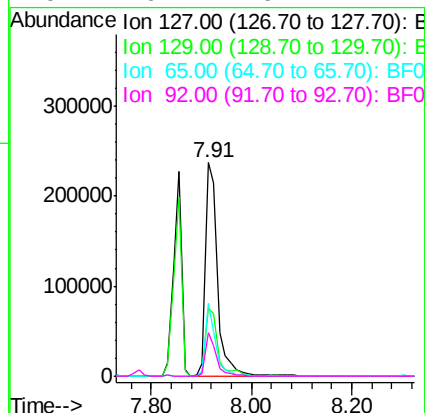
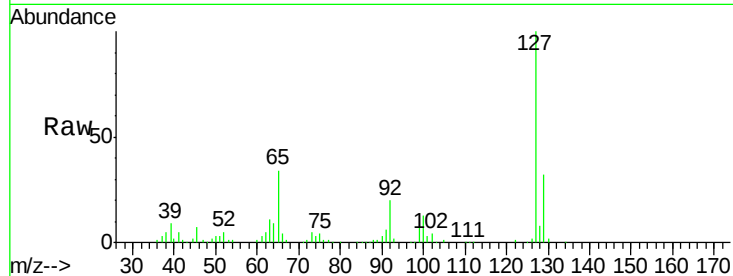




#33
4-Chloroaniline
Concen: 24.36 ng
RT: 7.91 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

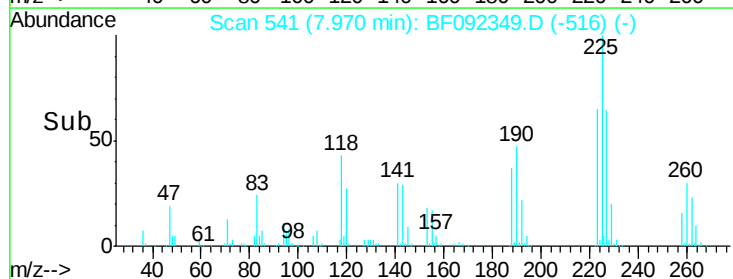
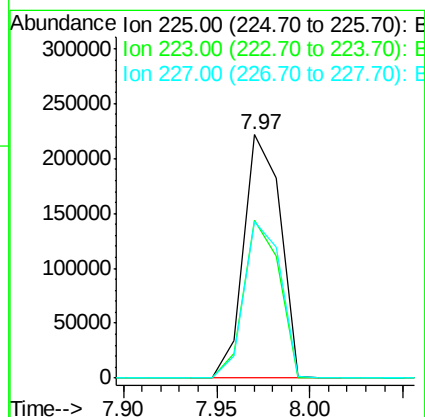
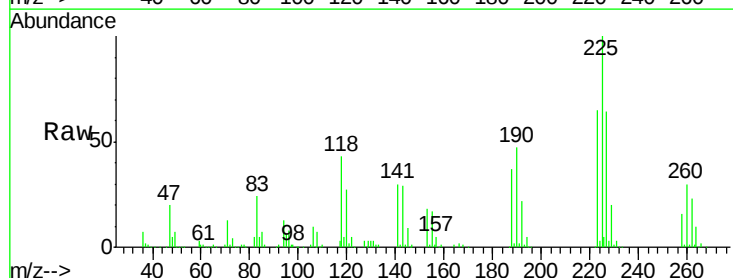
Instrument :
BNA_F
ClientSampleId :
SPK CHK2

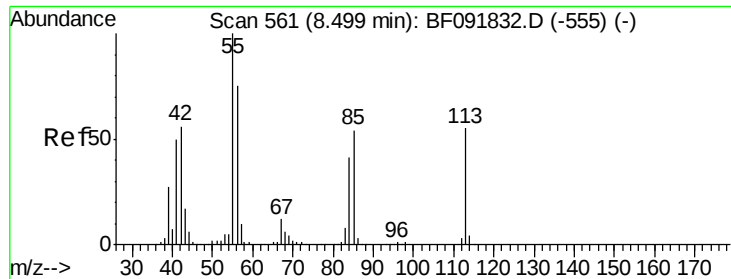
Tgt Ion:	127	Resp:	398567
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	34.3	25.8	38.8
92	20.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 49.57 ng
RT: 7.97 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion:	225	Resp:	301599
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.0	76.6
227	64.2	50.6	76.0

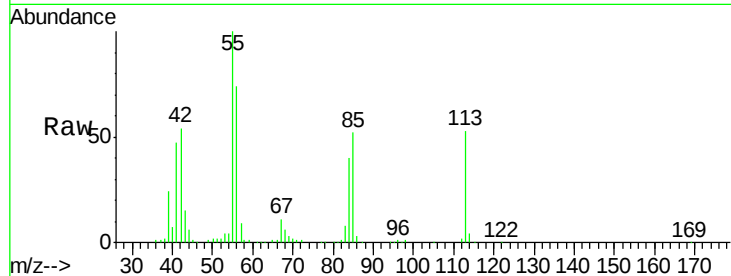




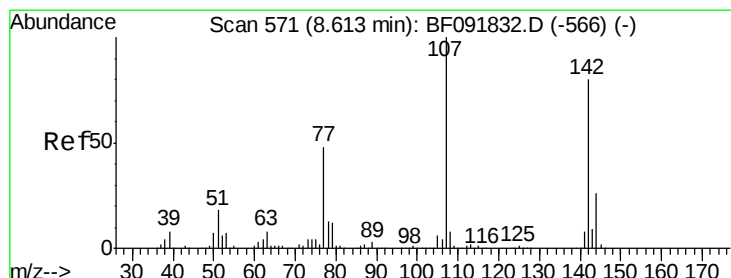
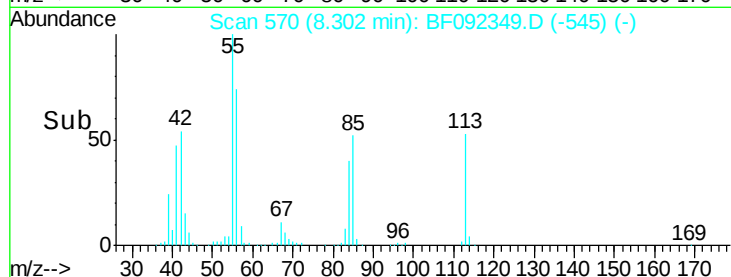
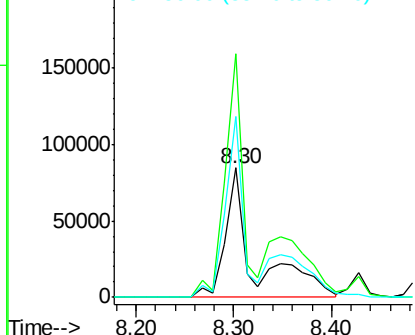
#35
 Caprolactam
 Concen: 49.69 ng m
 RT: 8.30 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

Tgt Ion:113 Resp: 171742
 Ion Ratio Lower Upper
 113 100
 55 188.5 119.2 159.2#
 56 139.7 83.8 123.8#

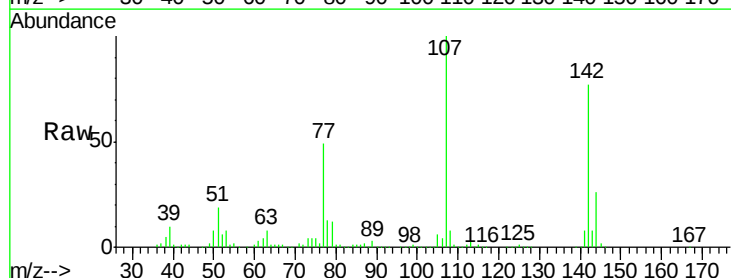


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

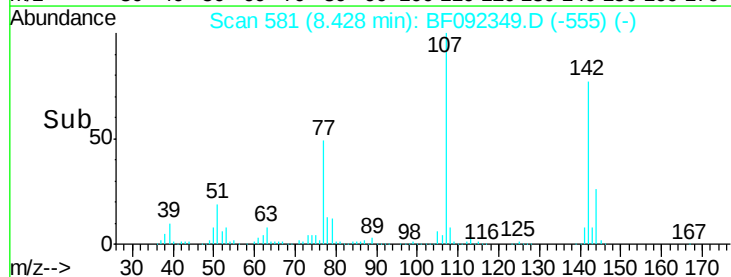
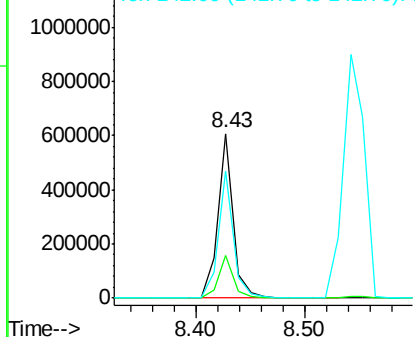


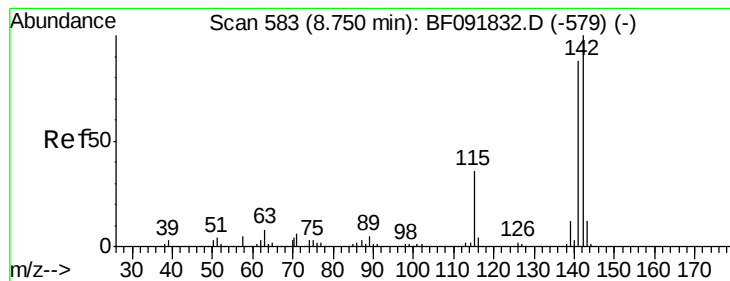
#36
 4-Chloro-3-methylphenol
 Concen: 49.66 ng
 RT: 8.43 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Tgt Ion:107 Resp: 601008
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.3 28.9
 142 76.9 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 70.34 ng

RT: 8.54 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

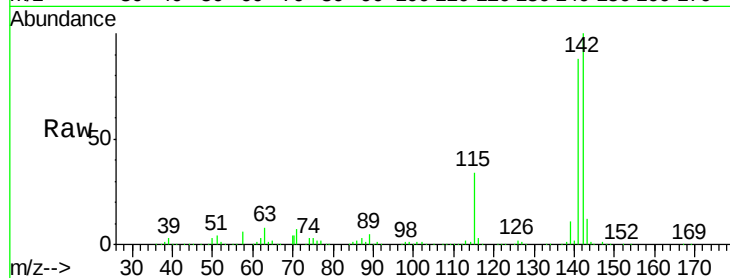
Tgt Ion:142 Resp: 1235560

Ion Ratio Lower Upper

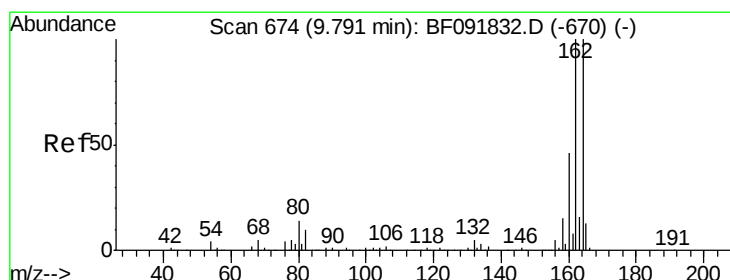
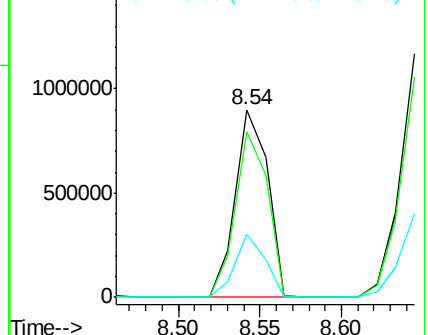
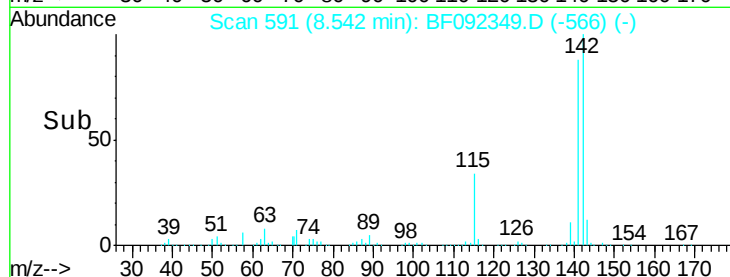
142 100

141 88.4 71.0 106.6

115 33.9 28.3 42.5



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: 9.58 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

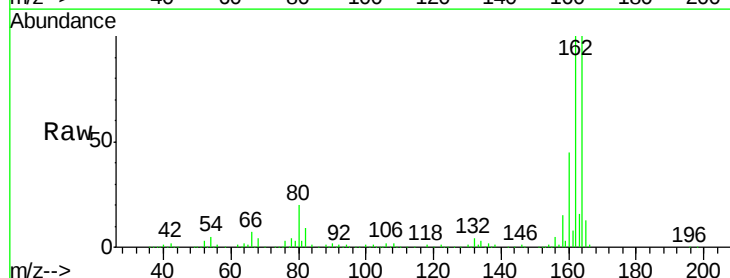
Tgt Ion:164 Resp: 405720

Ion Ratio Lower Upper

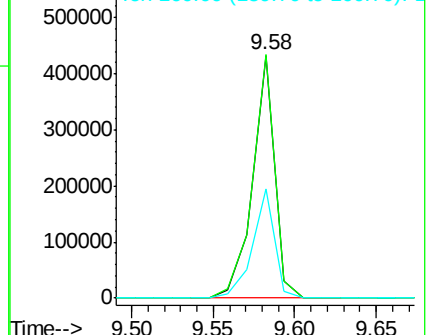
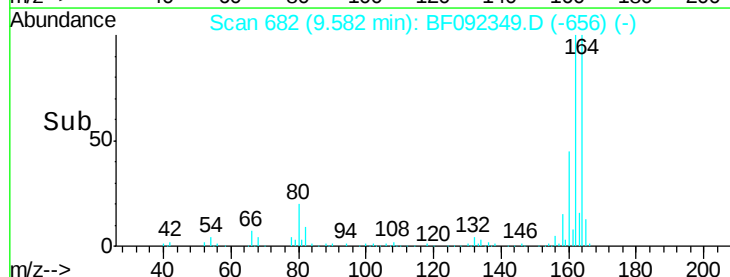
164 100

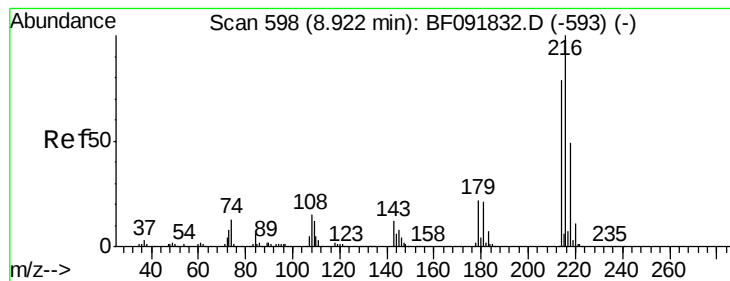
162 100.3 80.2 120.2

160 44.7 36.9 55.3



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: 50.16 ng

RT: 8.71 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

Tgt Ion:216 Resp: 514193

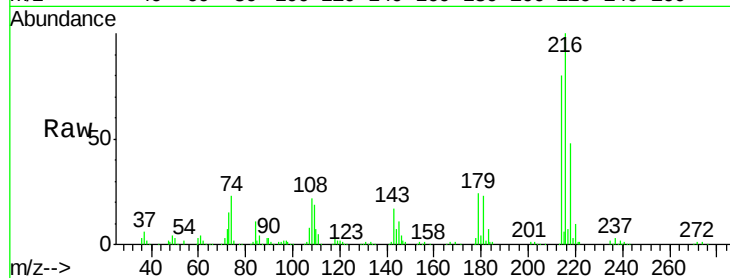
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.0

179 22.5 17.4 26.2

108 22.2 15.6 23.4

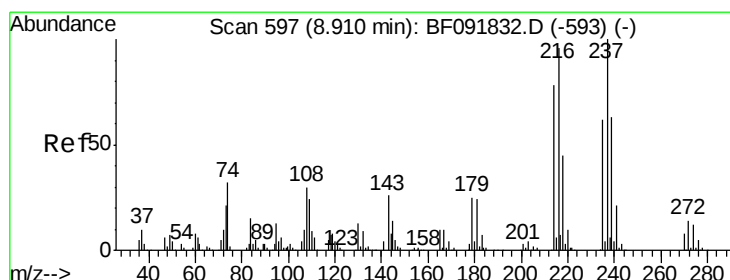
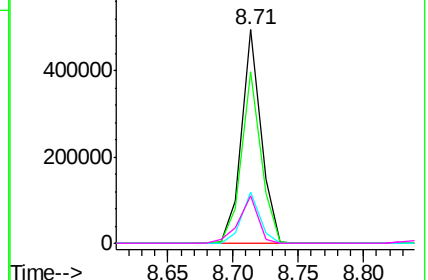
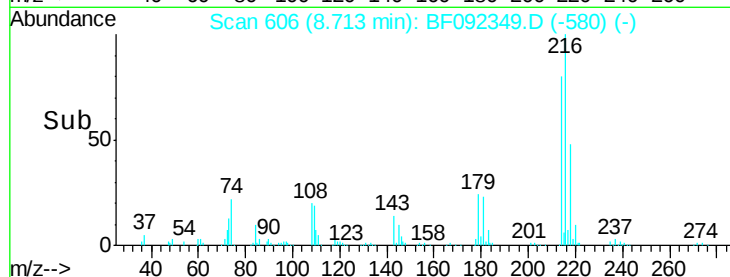


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.39 ng

RT: 8.70 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

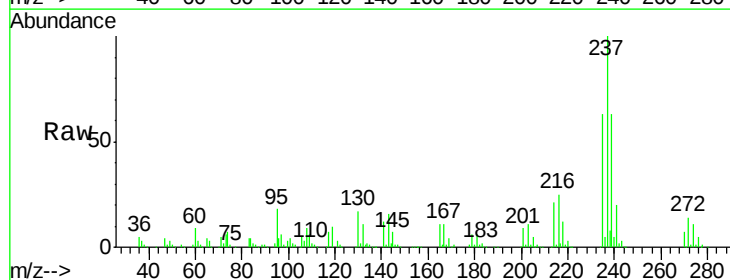
Tgt Ion:237 Resp: 381491

Ion Ratio Lower Upper

237 100

235 63.3 41.2 81.2

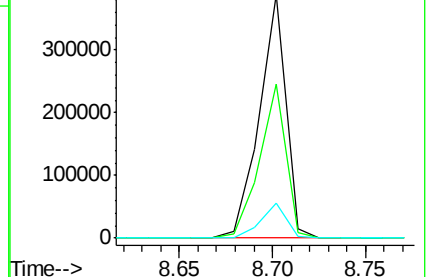
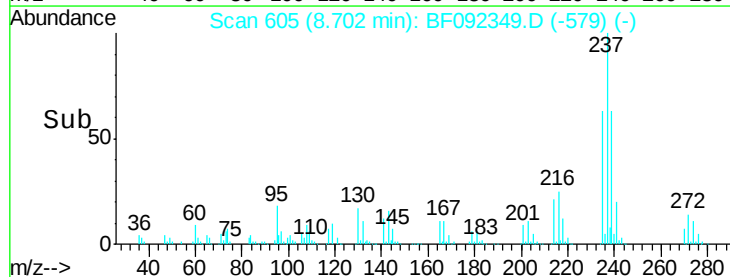
272 14.2 0.0 35.4

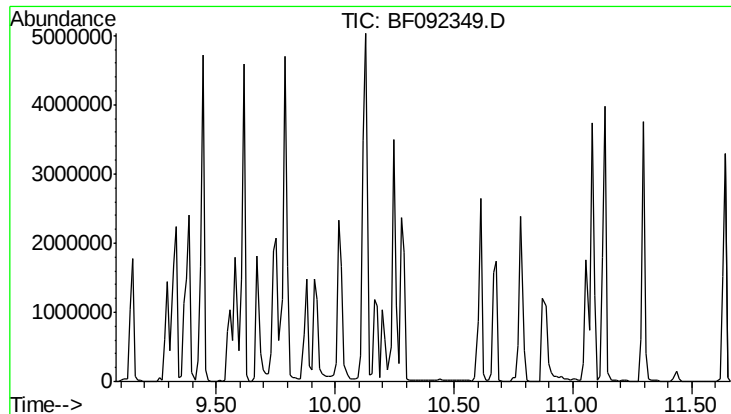


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

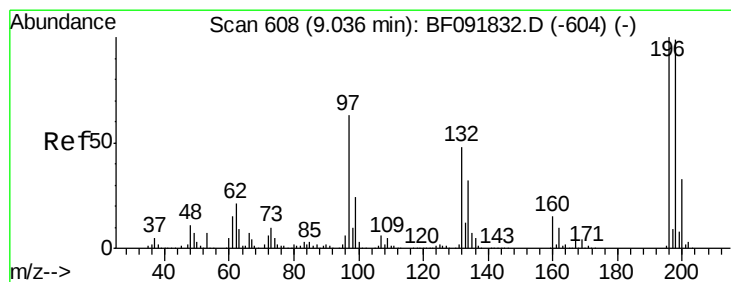
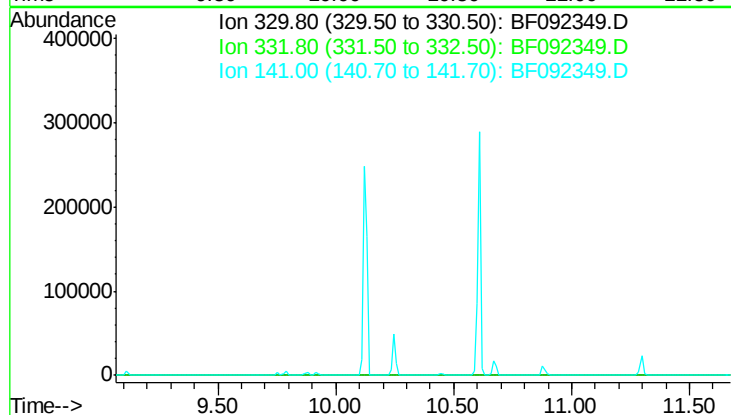




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.37 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

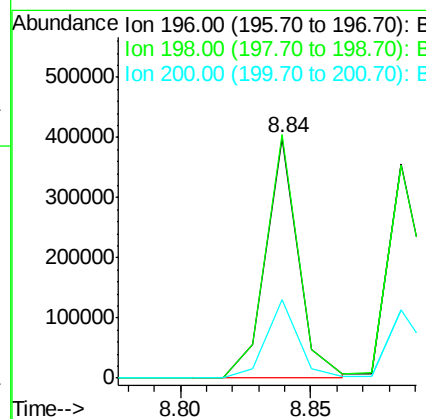
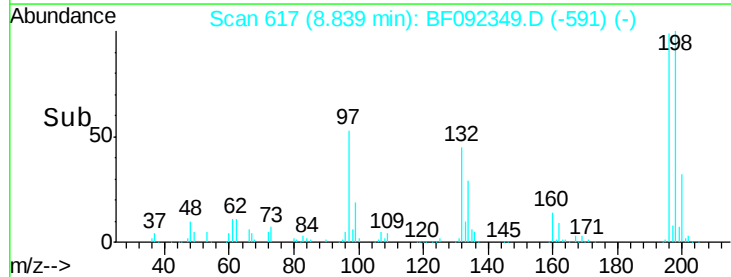
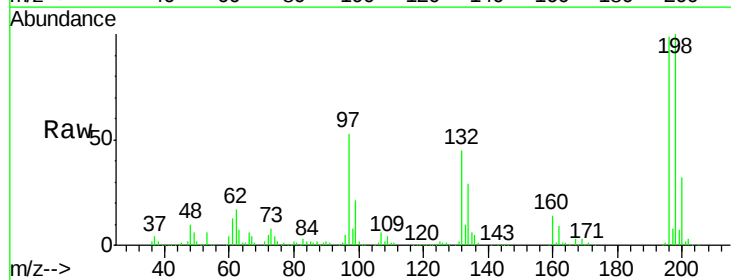
Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

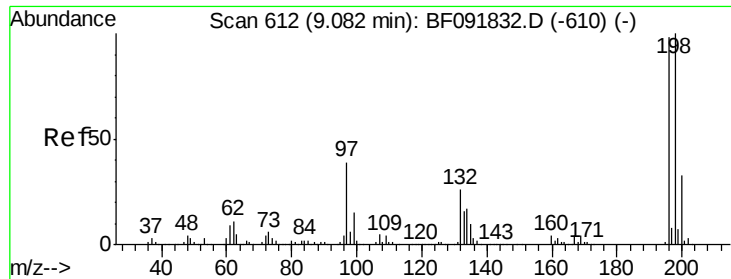
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 42.6



#42
 2,4,6-Trichlorophenol
 Concen: 48.64 ng
 RT: 8.84 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Tgt Ion: 196 Resp: 348711
 Ion Ratio Lower Upper
 196 100
 198 101.5 82.1 123.1
 200 32.6 27.0 40.4

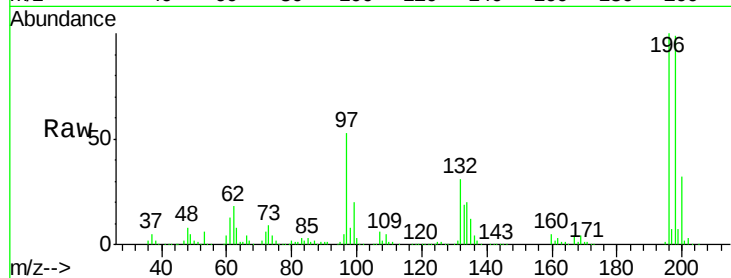




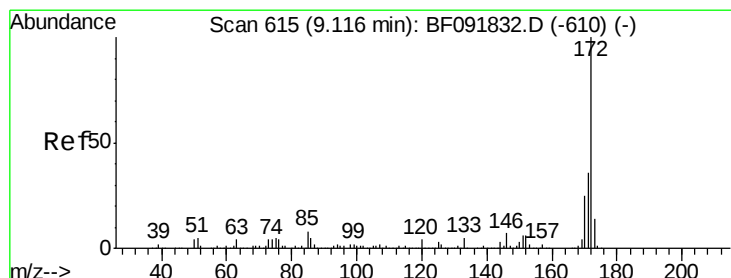
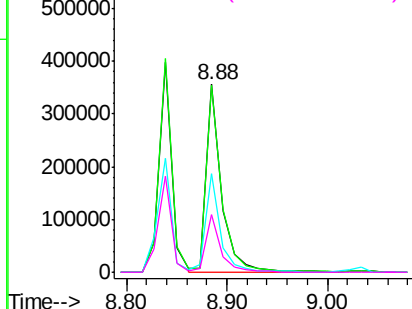
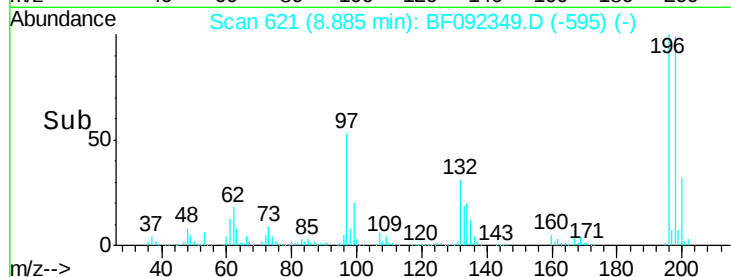
#43
 2,4,5-Trichlorophenol
 Concen: 50.54 ng
 RT: 8.88 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

Tgt Ion:196 Resp: 372862
 Ion Ratio Lower Upper
 196 100
 198 99.4 79.4 119.2
 97 52.6 51.5 77.3
 132 30.9 27.4 41.2

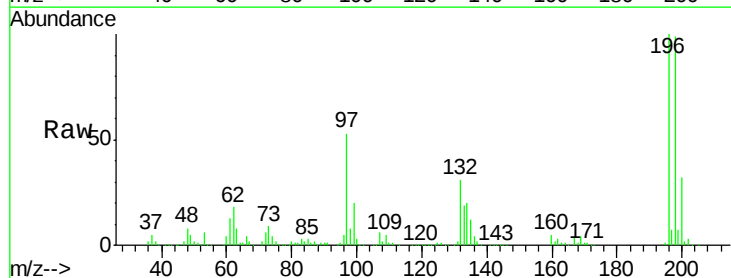


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

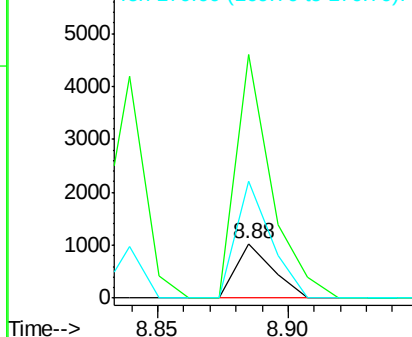
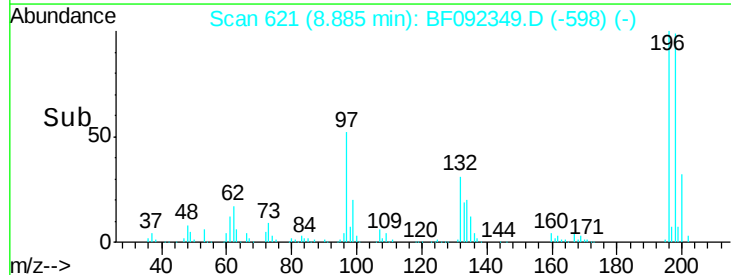


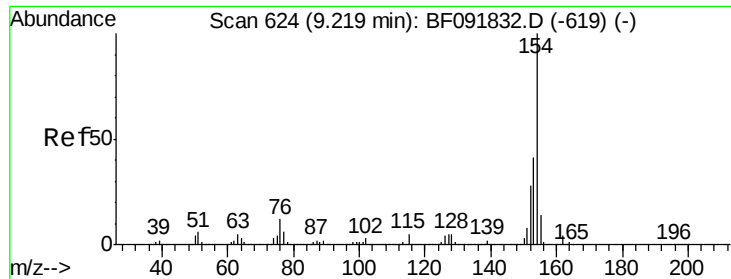
#44
 2-Fluorobiphenyl
 Concen: -15.15 ng
 RT: 8.88 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Tgt Ion:172 Resp: 1016
 Ion Ratio Lower Upper
 172 100
 171 445.6 29.4 44.0#
 170 214.2 20.2 30.4#



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

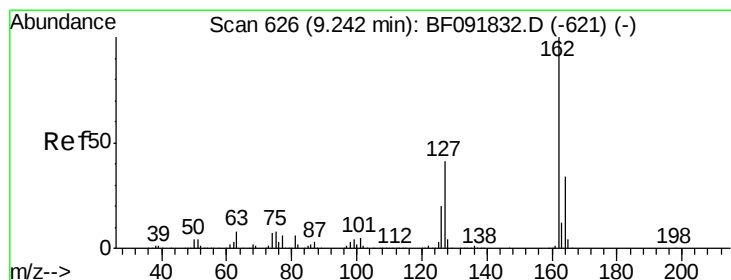
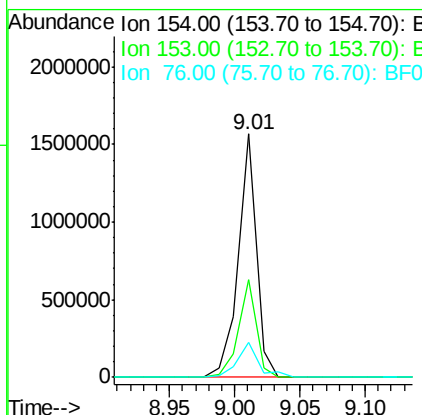
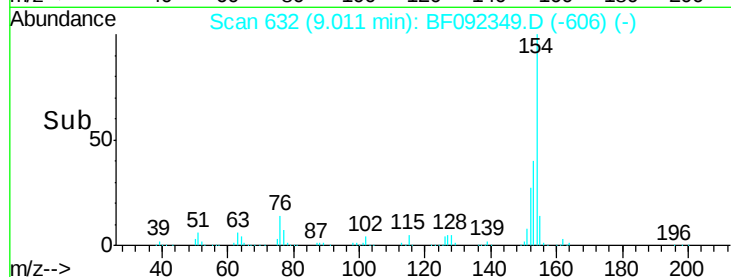
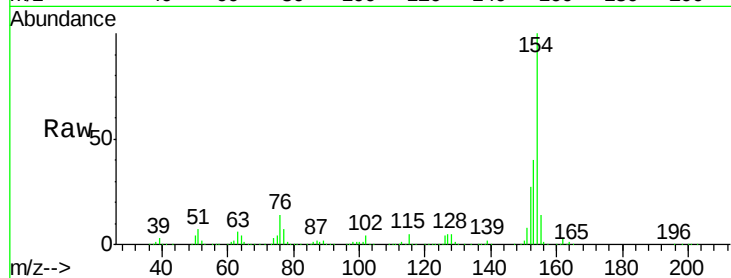




#45
 1,1'-Biphenyl
 Concen: 54.01 ng
 RT: 9.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

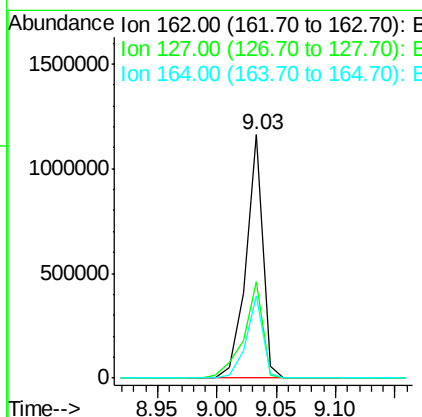
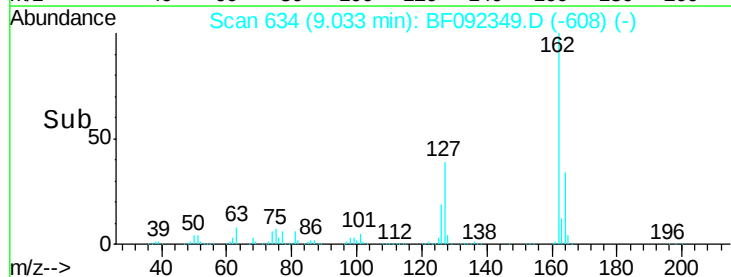
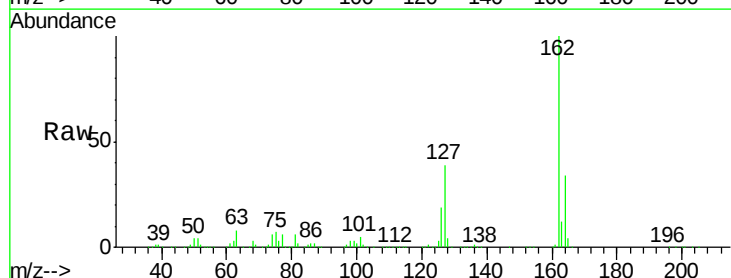
Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

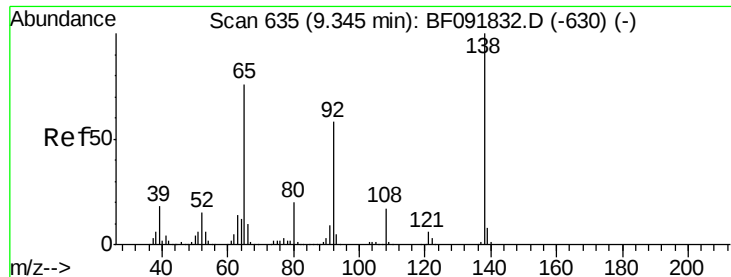
Tgt Ion:154 Resp: 1500329
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.9 60.9
 76 14.3 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 52.13 ng
 RT: 9.03 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Tgt Ion:162 Resp: 1146787
 Ion Ratio Lower Upper
 162 100
 127 39.4 30.7 46.1
 164 33.9 27.6 41.4

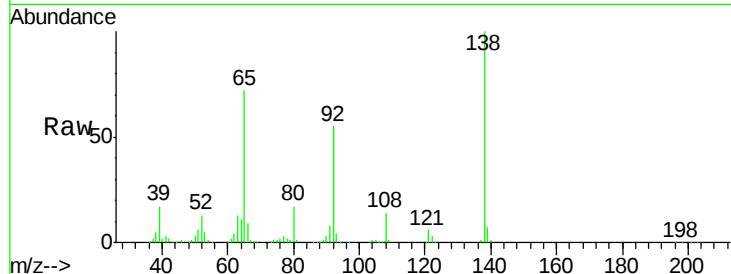




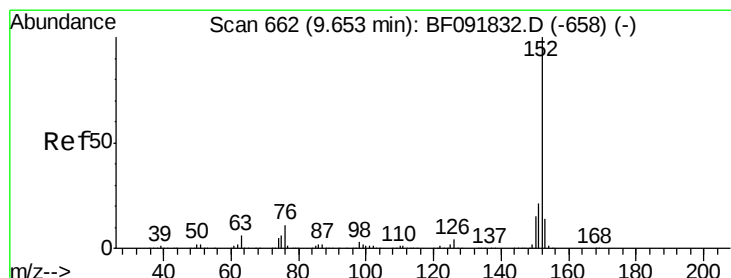
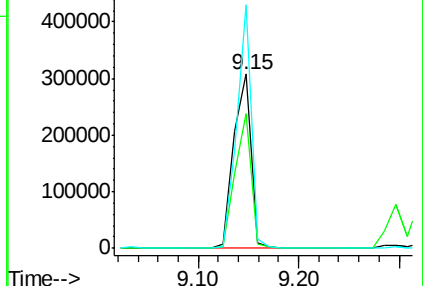
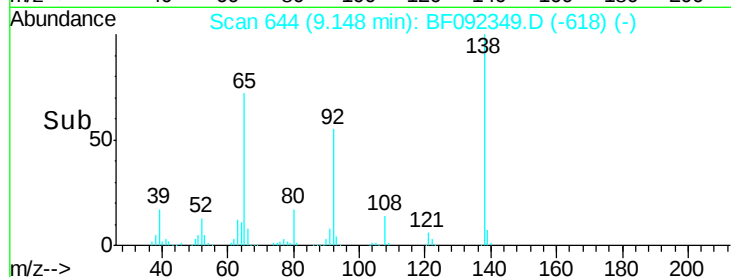
#47
 2-Nitroaniline
 Concen: 47.36 ng
 RT: 9.15 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

Tgt Ion: 65 Resp: 371001
 Ion Ratio Lower Upper
 65 100
 92 77.3 53.9 80.9
 138 139.6 76.8 115.2#

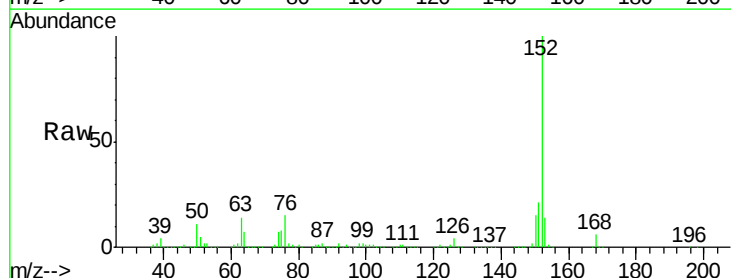


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

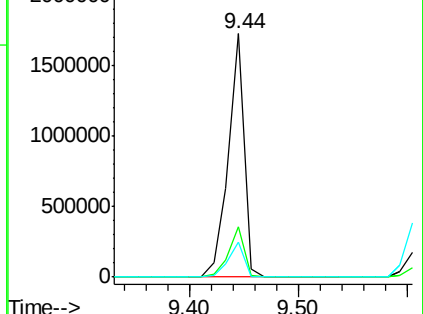
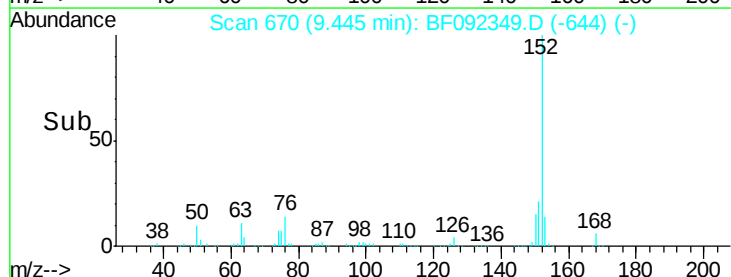


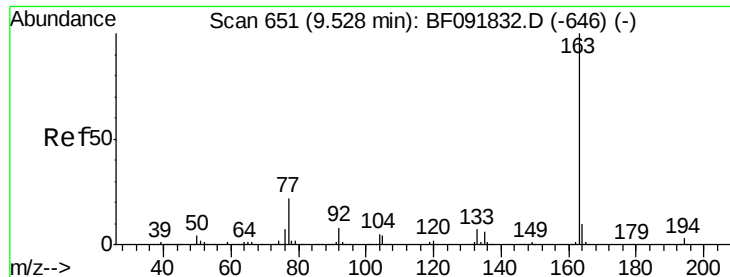
#48
 Acenaphthylene
 Concen: 51.06 ng
 RT: 9.44 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Tgt Ion: 152 Resp: 1727463
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.9 25.3
 153 14.3 11.4 17.2



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: 52.57 ng

RT: 9.33 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampled :

SPK CHK2

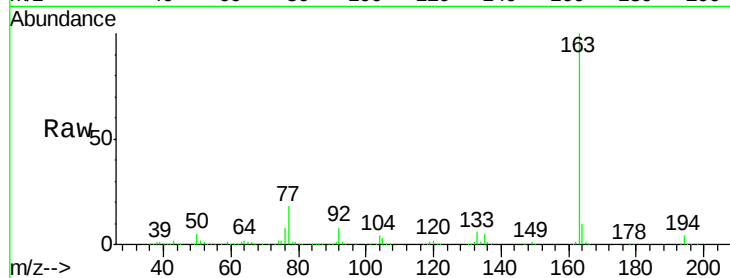
Tgt Ion:163 Resp: 1364177

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

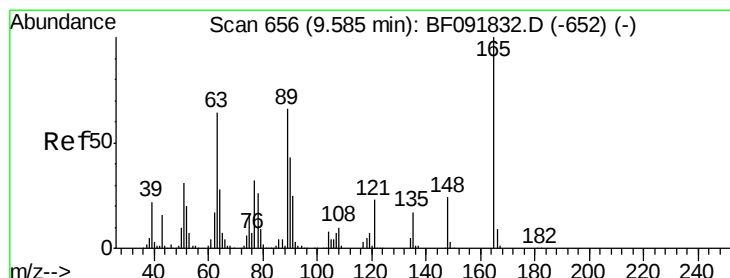
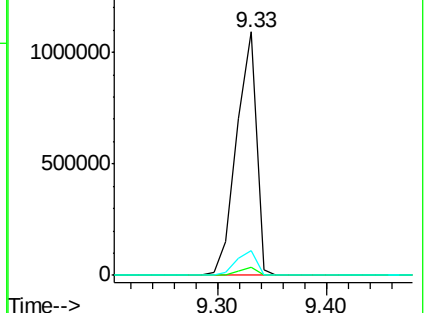
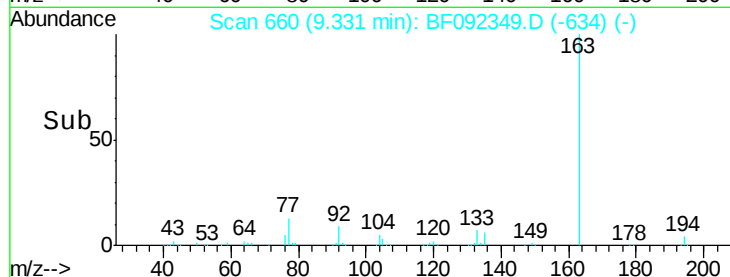
164 10.1 8.0 12.0



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: 48.72 ng

RT: 9.39 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

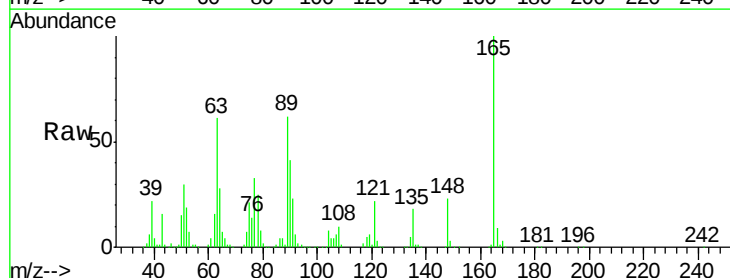
Tgt Ion:165 Resp: 276719

Ion Ratio Lower Upper

165 100

63 60.7 36.2 54.4#

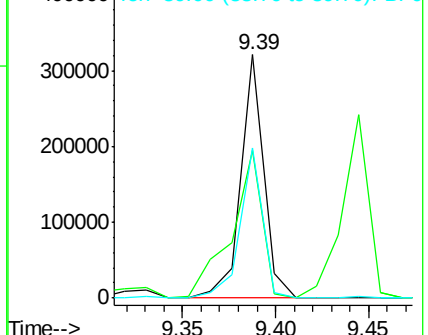
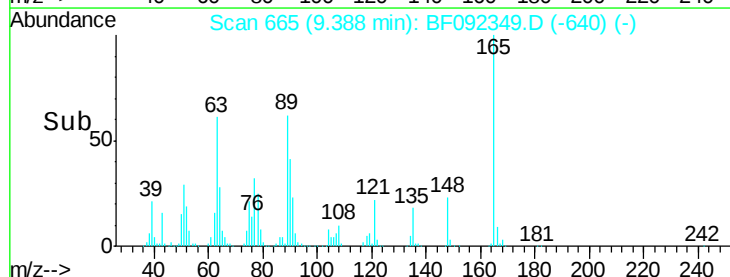
89 61.9 40.2 60.4#

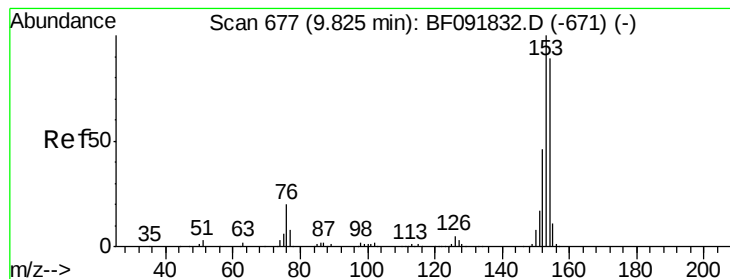


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.91 ng

RT: 9.62 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

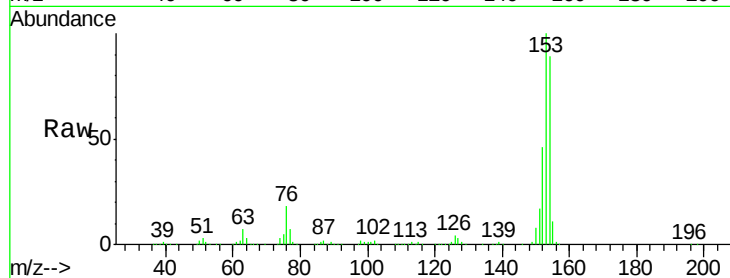
Tgt Ion:154 Resp: 1098946

Ion Ratio Lower Upper

154 100

153 112.2 88.6 133.0

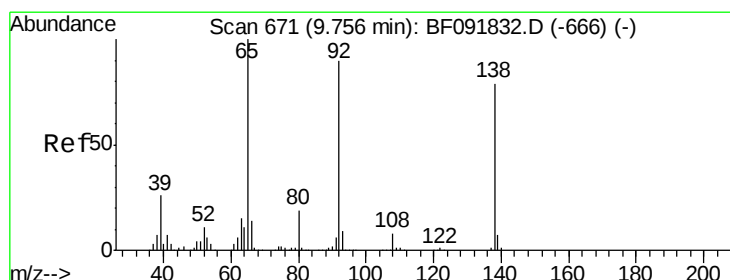
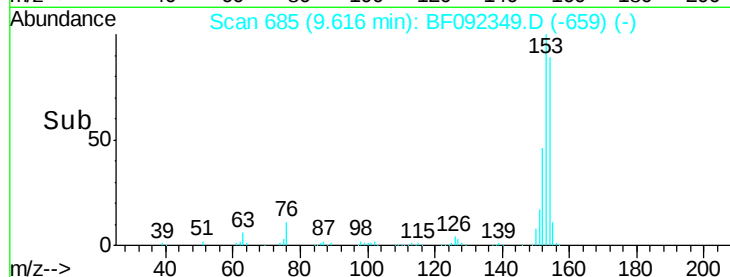
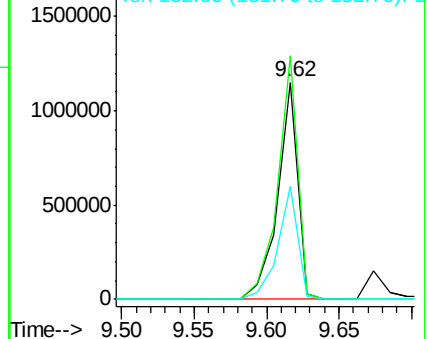
152 51.8 41.6 62.4



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: 33.25 ng

RT: 9.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

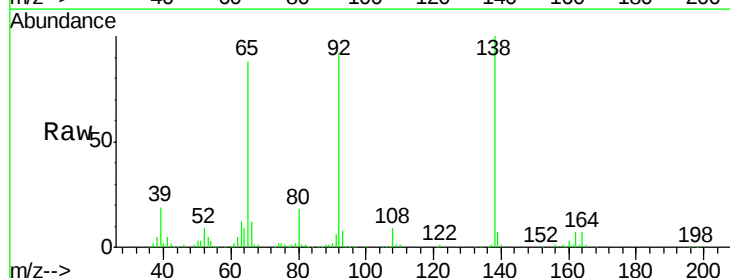
Tgt Ion:138 Resp: 233677

Ion Ratio Lower Upper

138 100

108 8.9 8.5 12.7

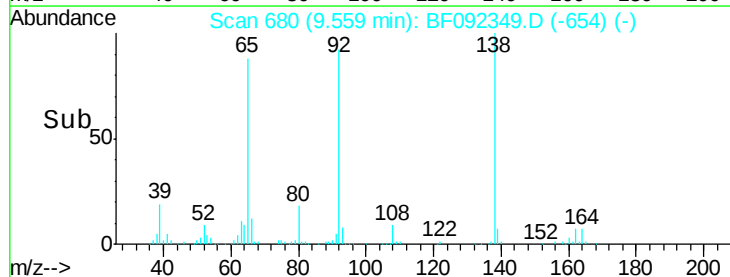
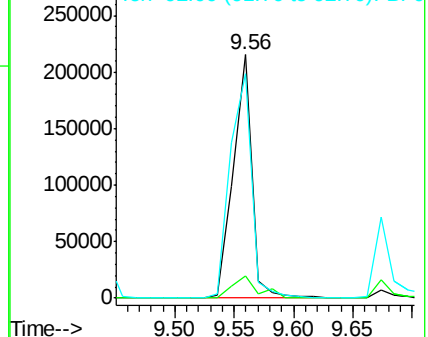
92 92.0 97.8 146.8#

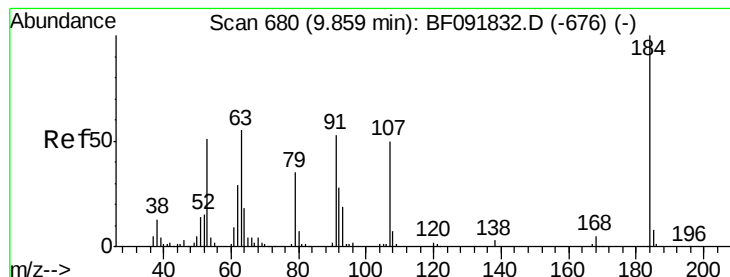


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 85.13 ng

RT: 9.67 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

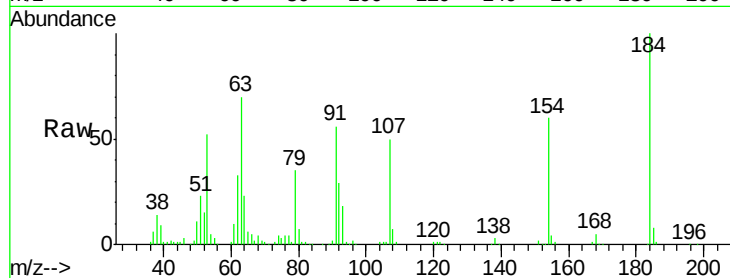
Tgt Ion:184 Resp: 269018

Ion Ratio Lower Upper

184 100

63 70.1 28.4 42.6#

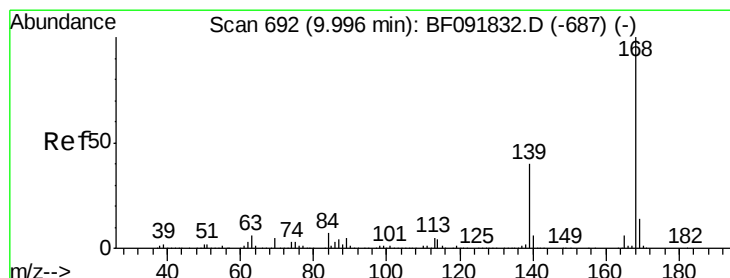
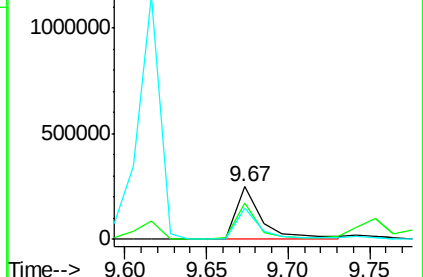
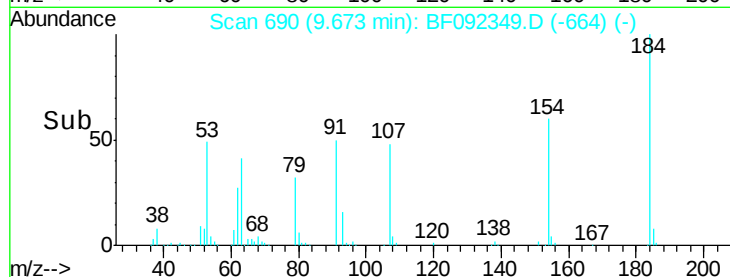
154 60.1 44.3 66.5



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: 45.79 ng

RT: 9.79 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

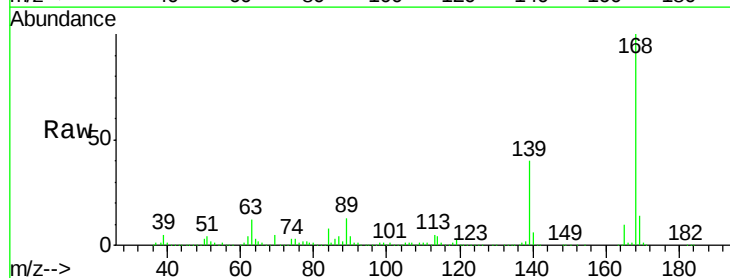
Tgt Ion:168 Resp: 1418579

Ion Ratio Lower Upper

168 100

139 40.4 32.6 49.0

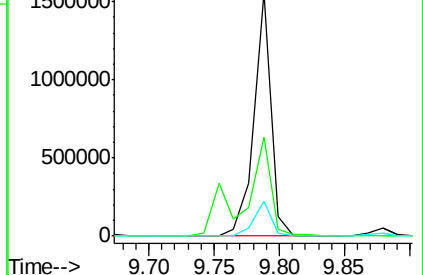
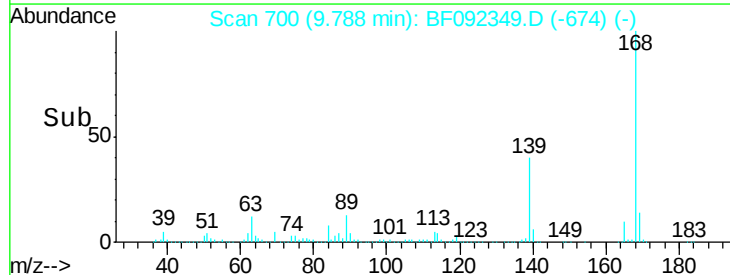
169 14.1 11.3 16.9

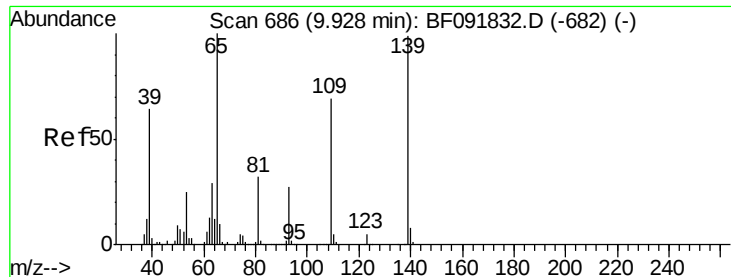


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

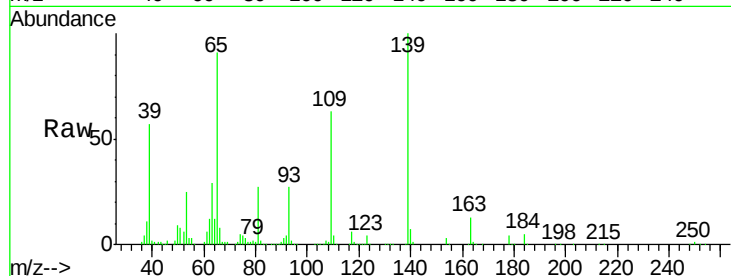




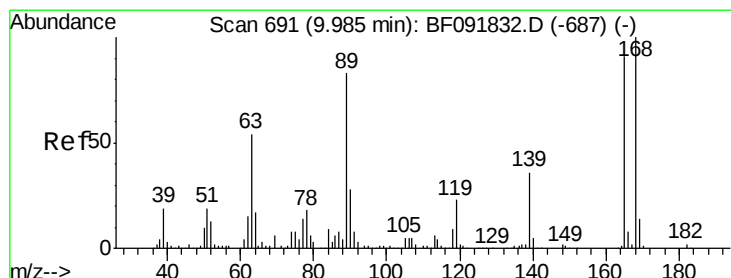
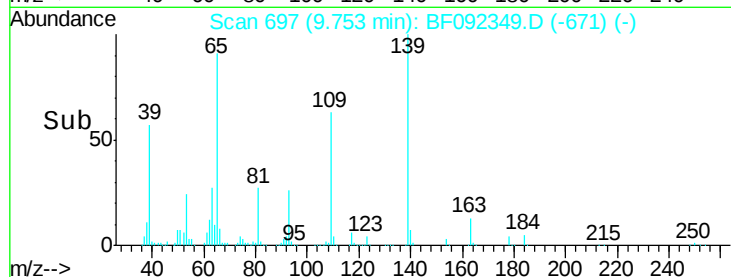
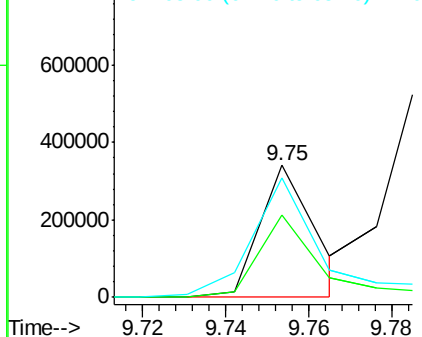
#55
4-Nitrophenol
Concen: 66.66 ng m
RT: 9.75 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SPK CHK2

Tgt Ion:139 Resp: 318132
Ion Ratio Lower Upper
139 100
109 62.6 52.2 92.2
65 90.8 85.8 125.8

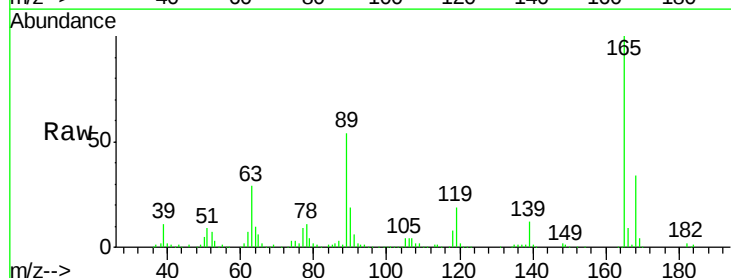


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

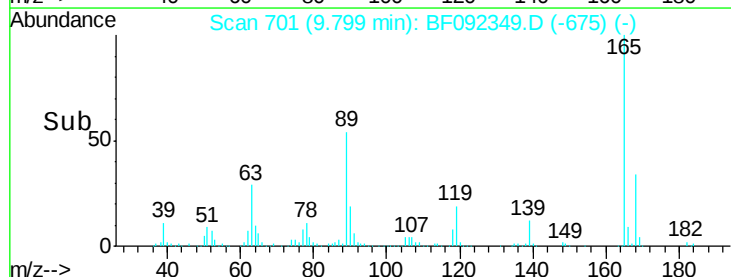
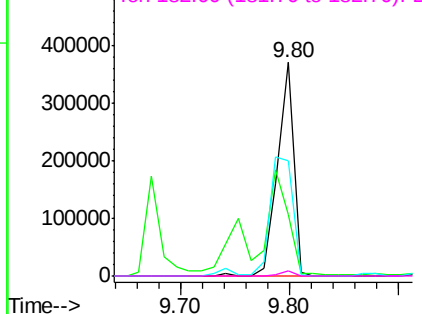


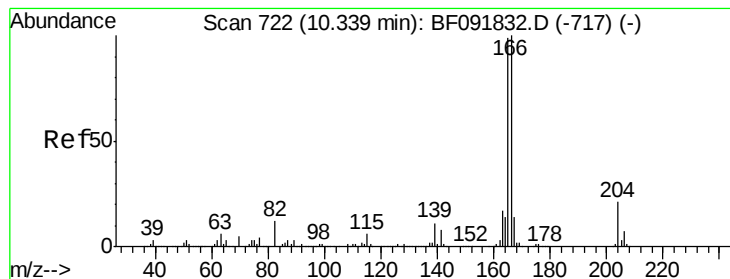
#56
2,4-Dinitrotoluene
Concen: 53.69 ng
RT: 9.80 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion:165 Resp: 382727
Ion Ratio Lower Upper
165 100
63 28.8 40.2 60.4#
89 53.7 62.5 93.7#
182 2.2 1.8 2.8



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: 51.14 ng

RT: 10.13 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

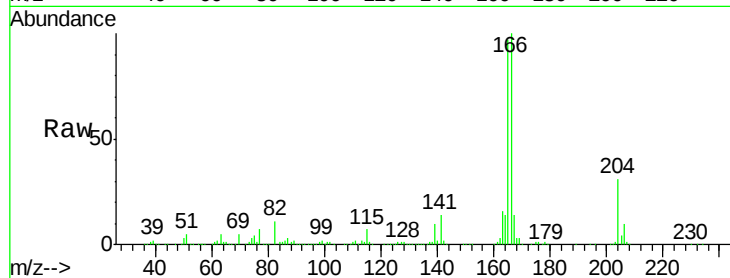
Tgt Ion:166 Resp: 1152475

Ion Ratio Lower Upper

166 100

165 97.0 77.8 116.8

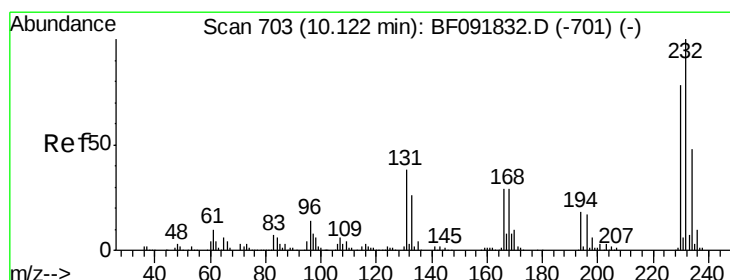
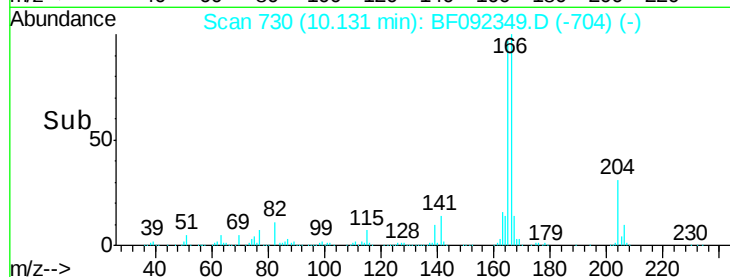
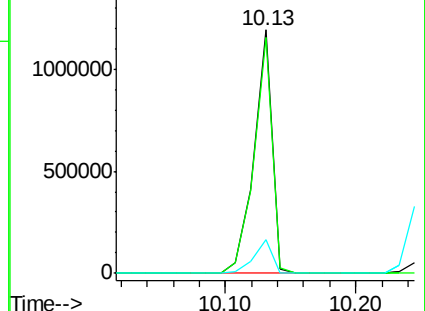
167 13.7 10.8 16.2



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: 49.68 ng

RT: 9.92 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Tgt Ion:232 Resp: 289886

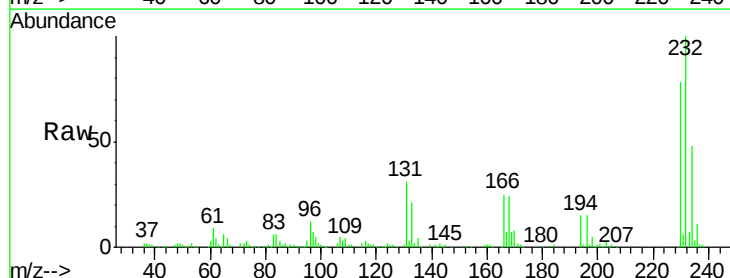
Ion Ratio Lower Upper

232 100

131 45.6 40.1 60.1

130 2.1 1.8 2.8

166 29.2 26.6 39.8

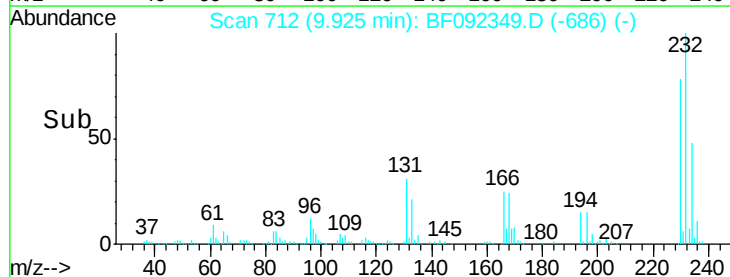
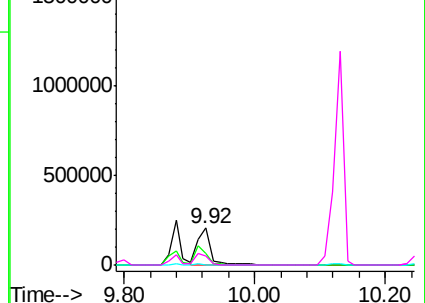


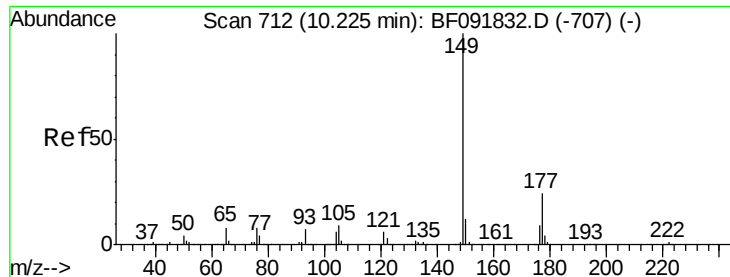
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

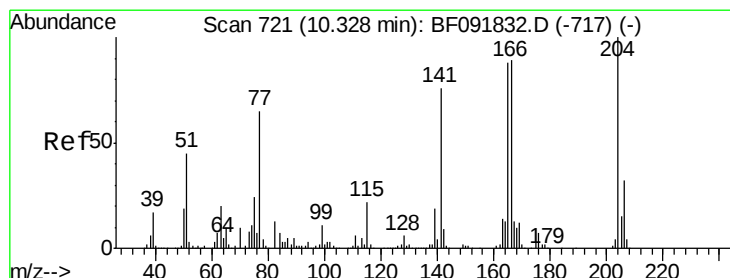
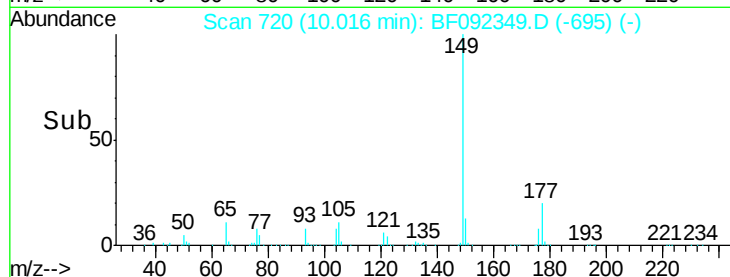
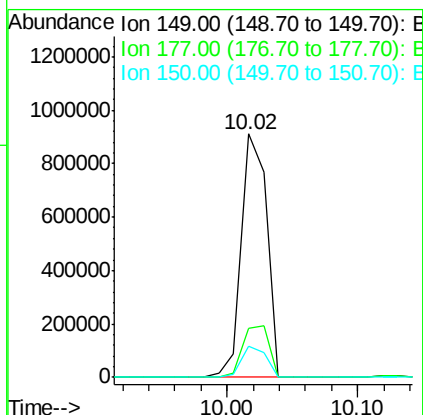
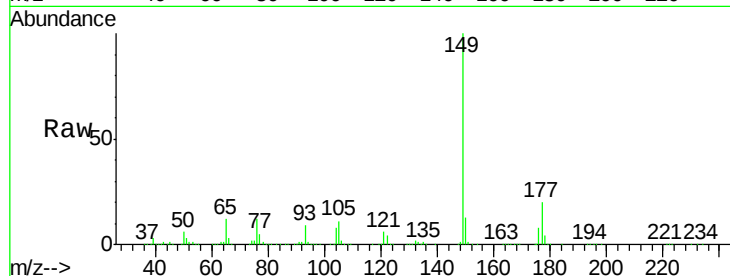




#59
Diethylphthalate
Concen: 48.71 ng
RT: 10.02 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

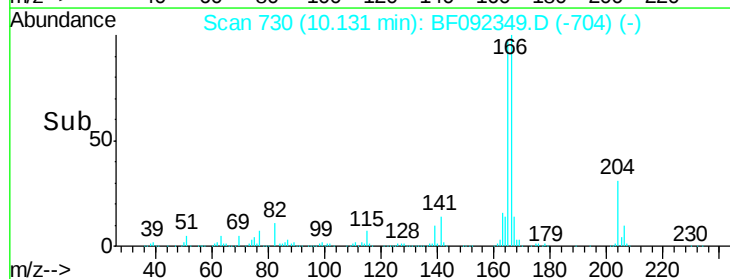
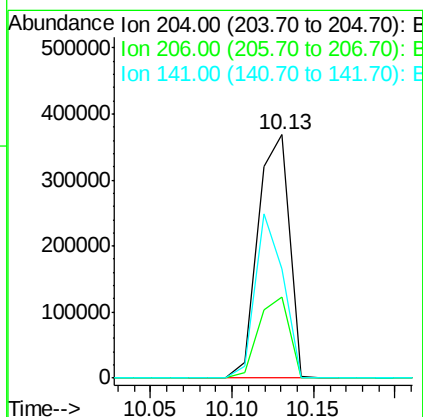
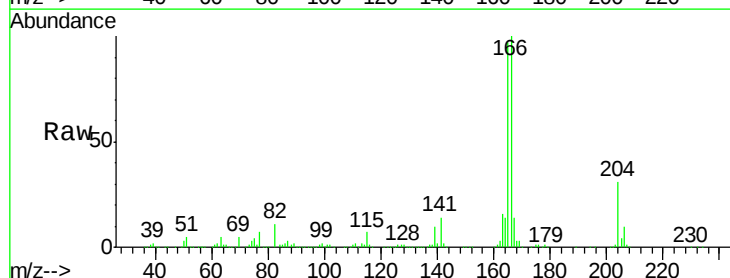
Instrument :
BNA_F
ClientSampleId :
SPK CHK2

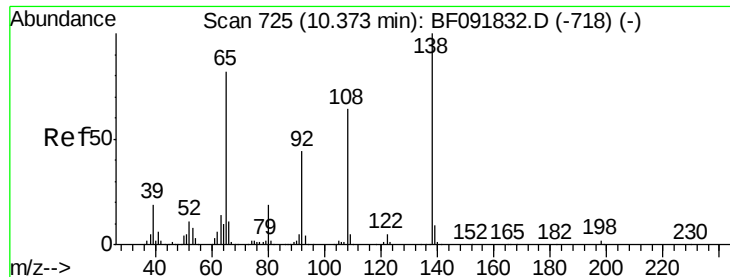
Tgt Ion:149 Resp: 1227558
Ion Ratio Lower Upper
149 100
177 20.2 16.6 25.0
150 12.9 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 49.67 ng
RT: 10.13 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion:204 Resp: 490157
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 44.8 59.4 89.0#

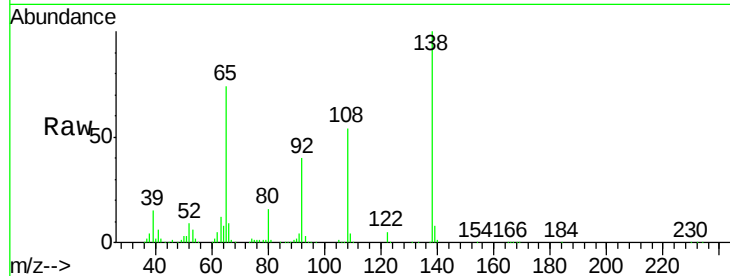




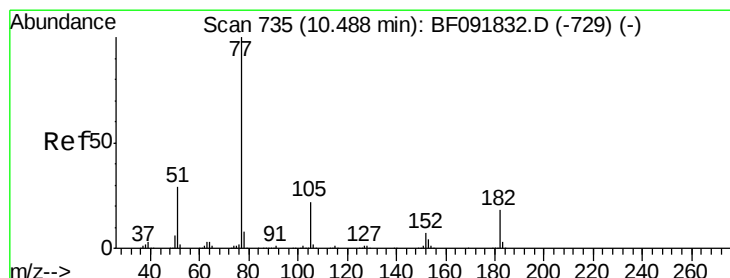
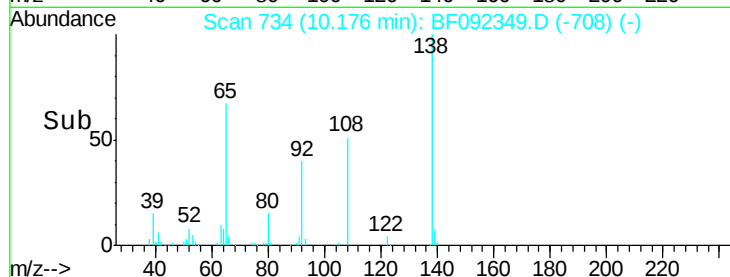
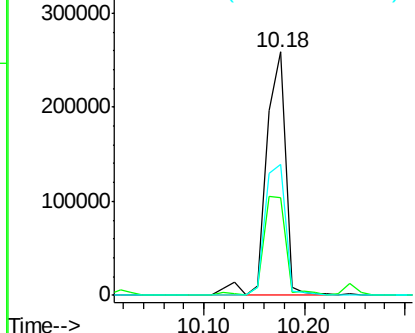
#61
4-Nitroaniline
Concen: 47.20 ng
RT: 10.18 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Instrument :
BNA_F
ClientSampled :
SPK CHK2

Tgt Ion:138 Resp: 343835
Ion Ratio Lower Upper
138 100
92 40.1 31.7 71.7
108 53.9 52.6 92.6

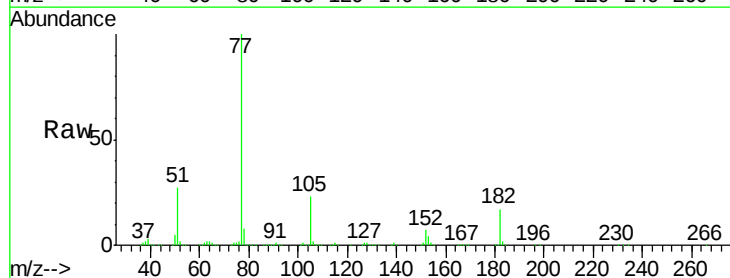


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

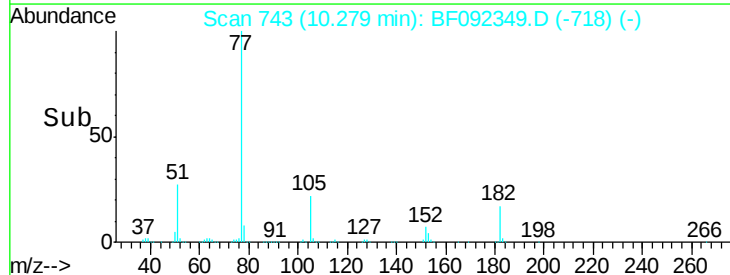
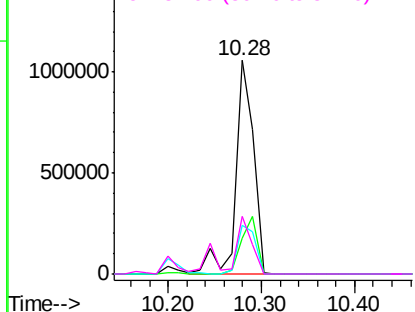


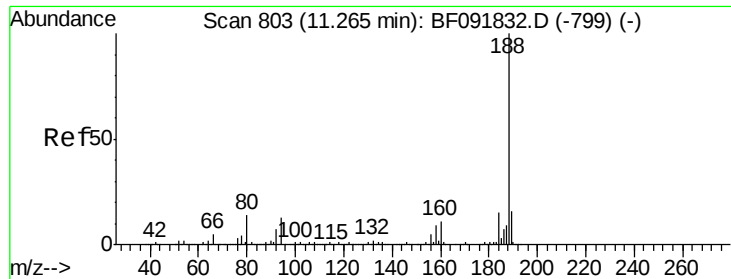
#62
Azobenzene
Concen: 50.65 ng
RT: 10.28 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion: 77 Resp: 1405398
Ion Ratio Lower Upper
77 100
182 16.9 0.0 39.3
105 22.5 2.3 42.3
51 27.1 8.9 48.9



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

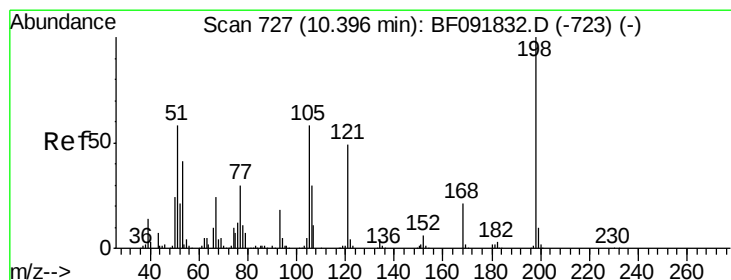
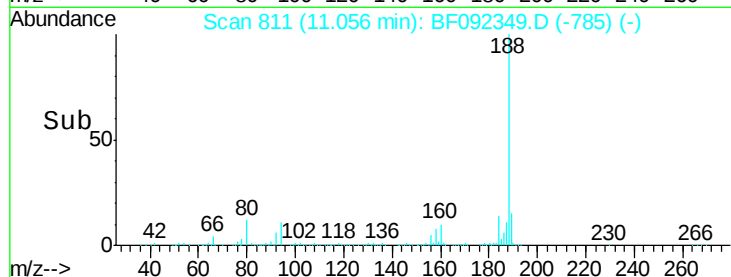
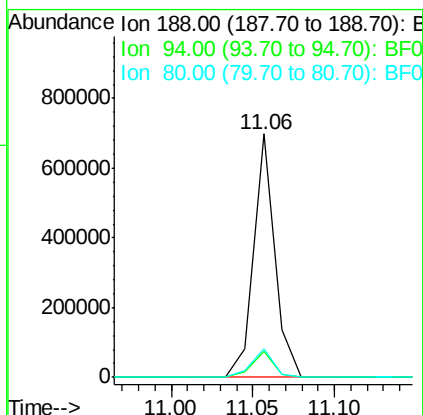
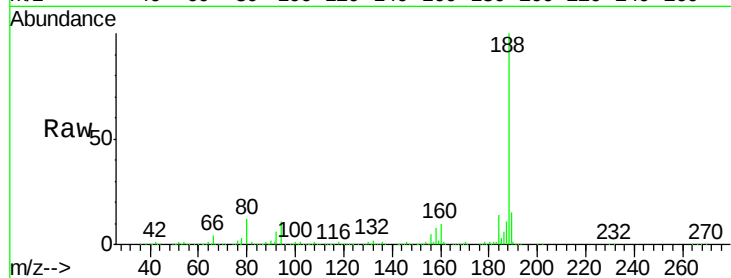




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

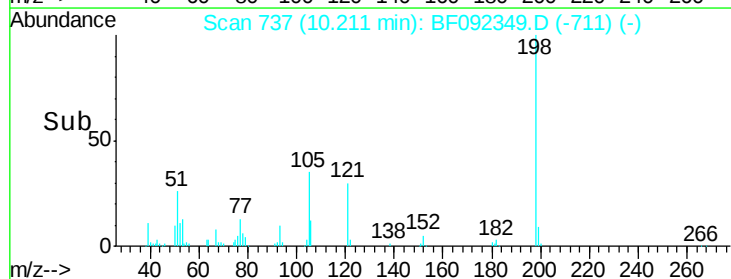
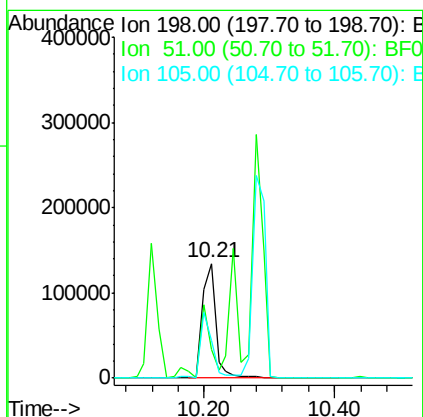
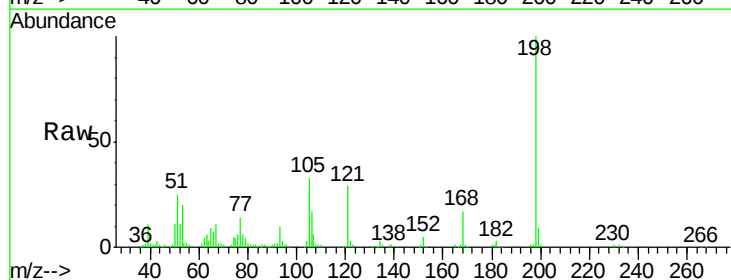
Instrument :
BNA_F
ClientSampleId :
SPK CHK2

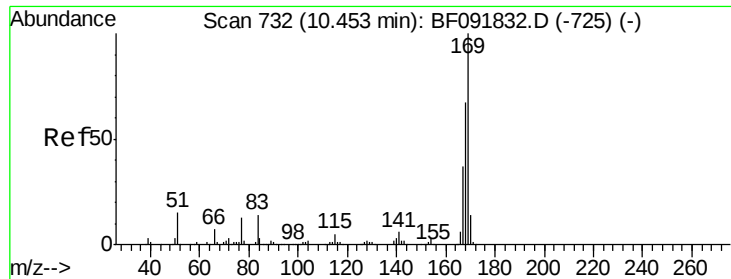
Tgt Ion:188 Resp: 632314
Ion Ratio Lower Upper
188 100
94 10.9 10.0 15.0
80 11.7 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 50.78 ng
RT: 10.21 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion:198 Resp: 194166
Ion Ratio Lower Upper
198 100
51 25.0 6.7 46.7
105 32.5 16.6 56.6

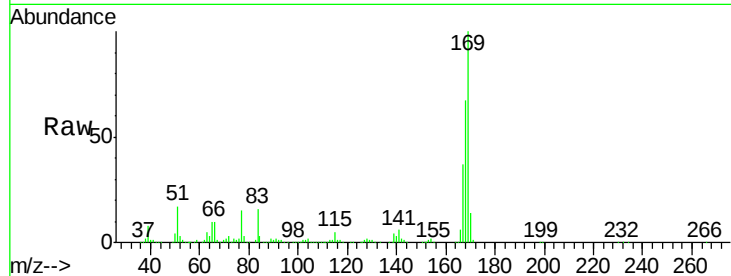




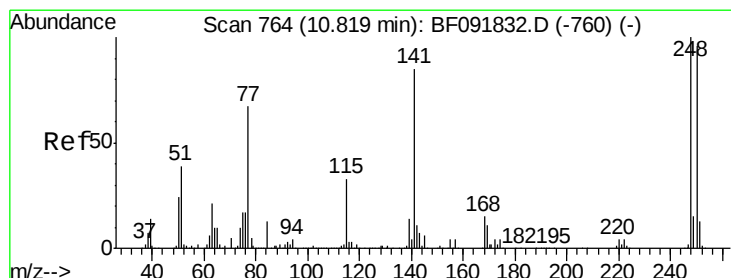
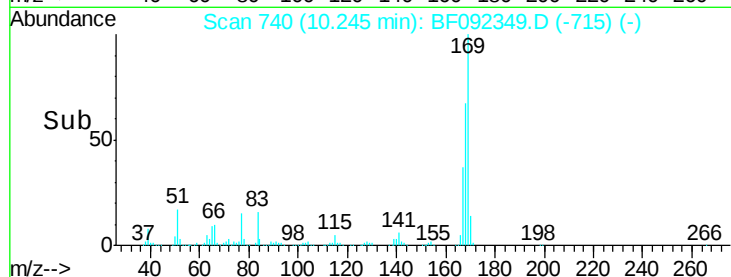
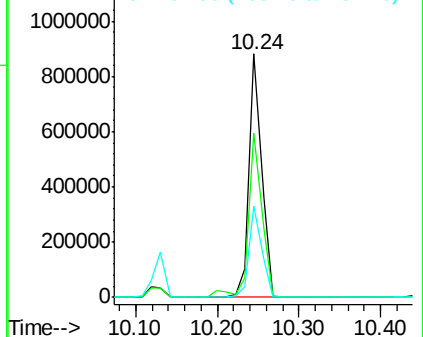
#65
n-Nitrosodiphenylamine
Concen: 49.84 ng
RT: 10.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SPK CHK2

Tgt Ion:169 Resp: 935162
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.2
167 37.4 30.2 45.4

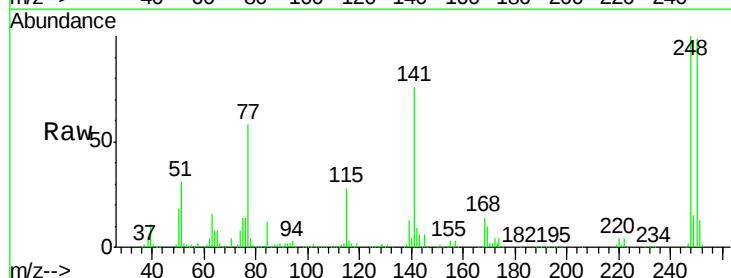


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

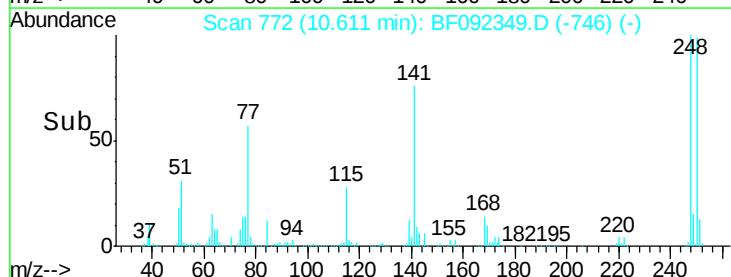
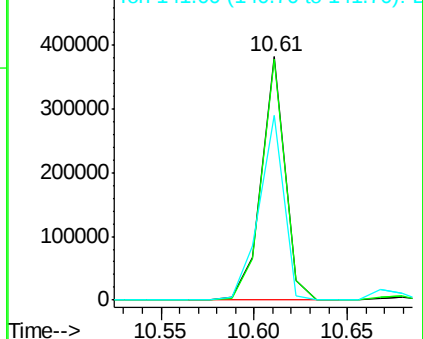


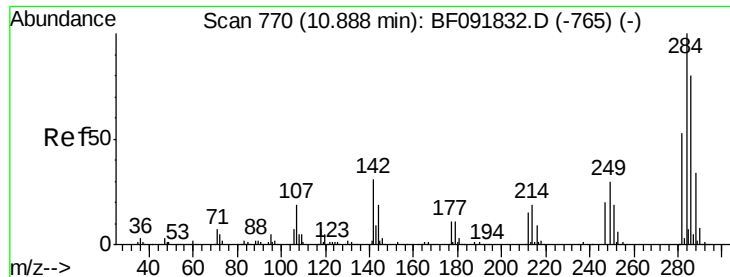
#66
4-Bromophenyl-phenylether
Concen: 50.58 ng
RT: 10.61 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion:248 Resp: 332669
Ion Ratio Lower Upper
248 100
250 99.1 76.9 115.3
141 75.6 68.2 102.4



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

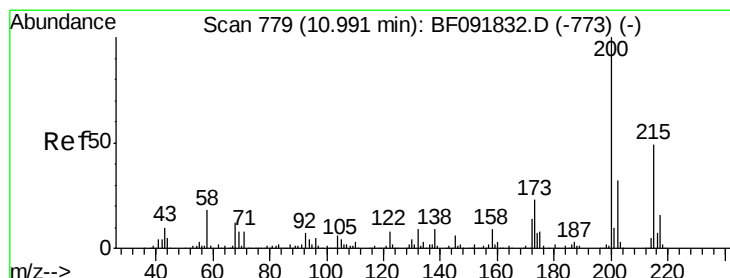
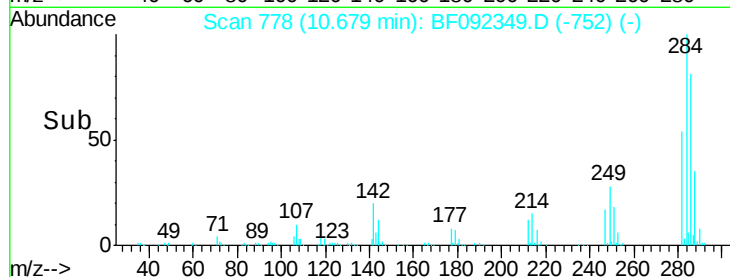
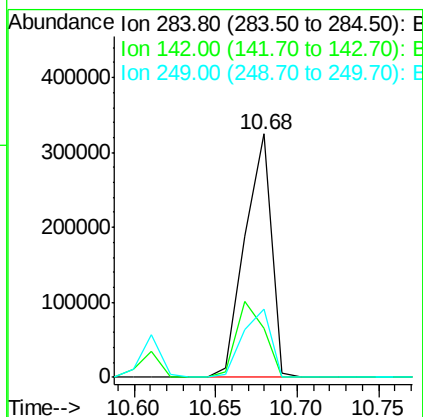
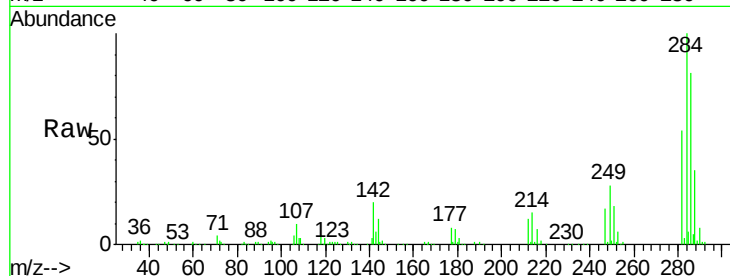




#67
Hexachlorobenzene
Concen: 51.80 ng
RT: 10.68 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

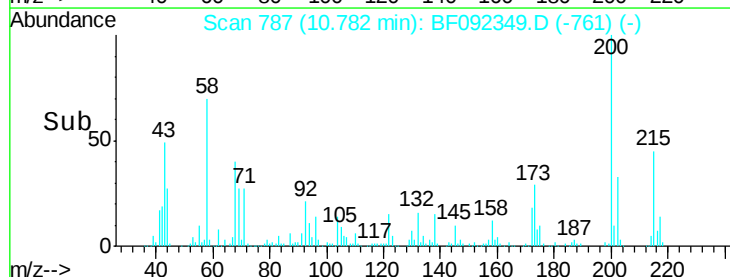
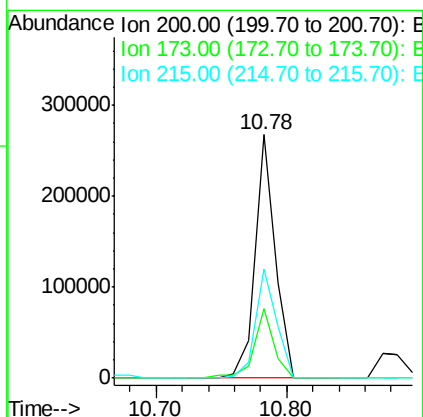
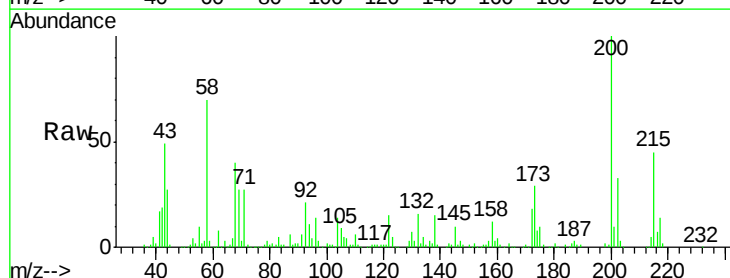
Instrument :
BNA_F
ClientSampleId :
SPK CHK2

Tgt Ion	Ratio	Lower	Upper
284	100		
142	20.0	22.6	33.8#
249	28.3	25.4	38.0



#68
Atrazine
Concen: 47.49 ng
RT: 10.78 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.6	9.6	49.6
215	44.7	25.7	65.7

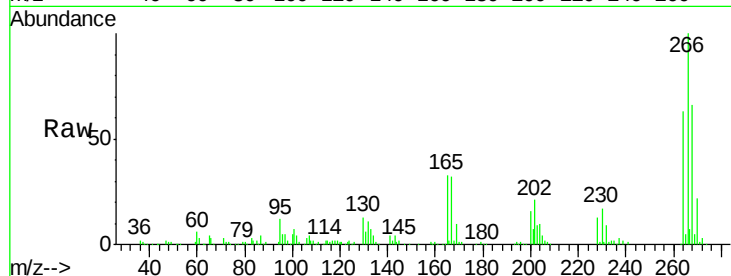




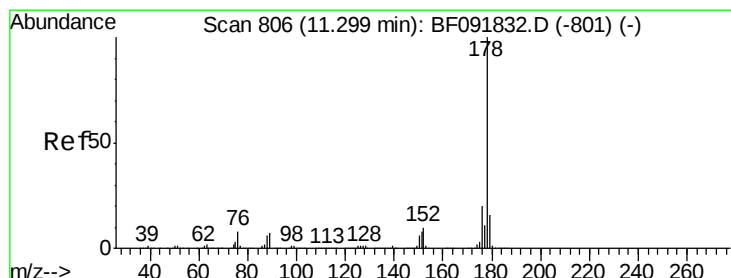
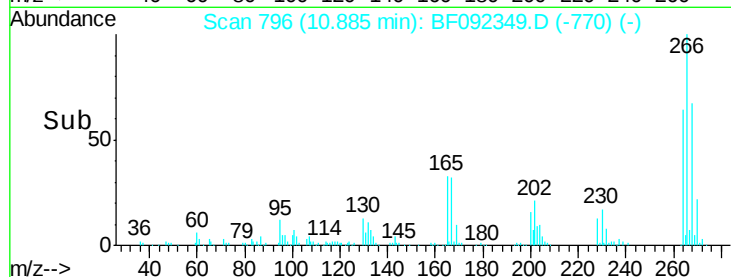
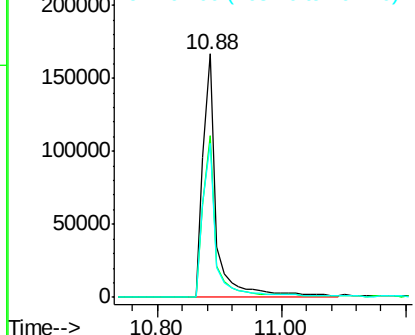
#69
 Pentachlorophenol
 Concen: 73.71 ng
 RT: 10.88 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

Tgt Ion:266 Resp: 254281
 Ion Ratio Lower Upper
 266 100
 268 66.4 53.3 79.9
 264 63.4 50.3 75.5

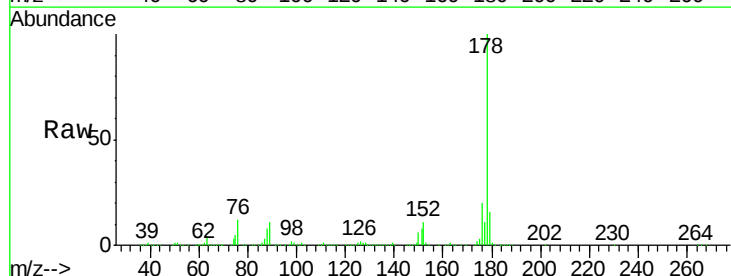


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

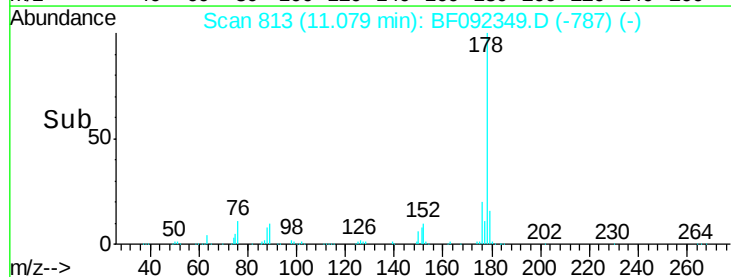
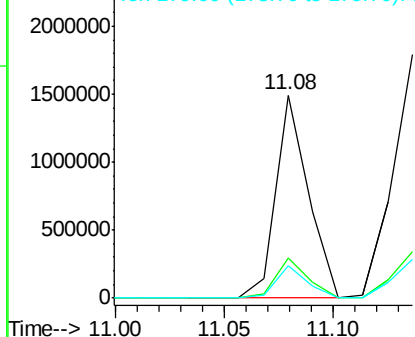


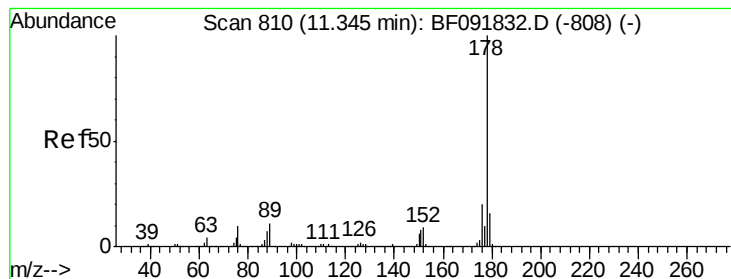
#70
 Phenanthrene
 Concen: 45.62 ng
 RT: 11.08 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Tgt Ion:178 Resp: 1564037
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 16.1 12.8 19.2



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: 77.75 ng

RT: 11.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

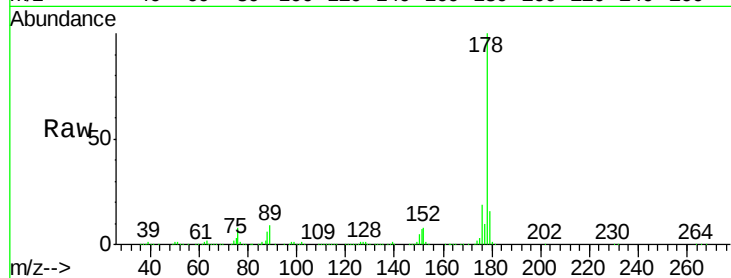
Tgt Ion:178 Resp: 1784253

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

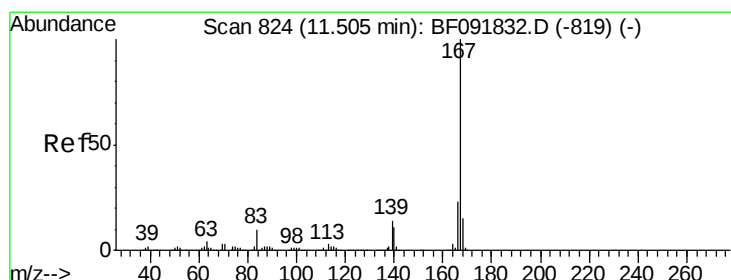
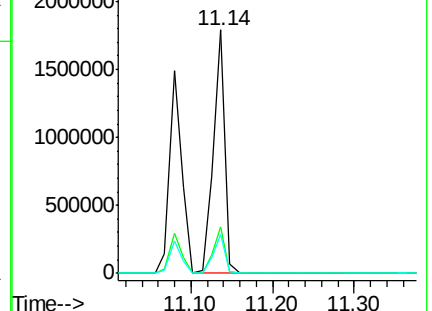
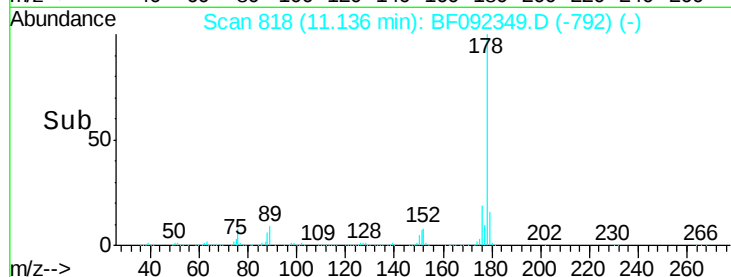
179 16.1 13.2 19.8



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



#72

Carbazole

Concen: 57.76 ng

RT: 11.30 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

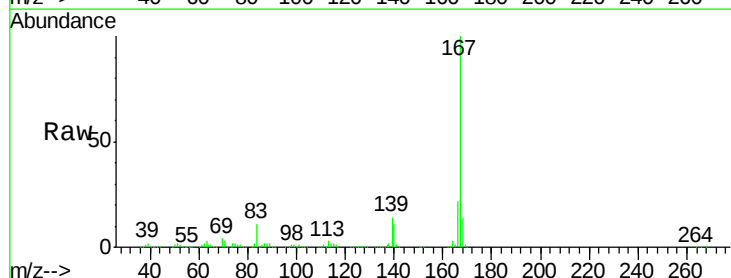
Tgt Ion:167 Resp: 1424378

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

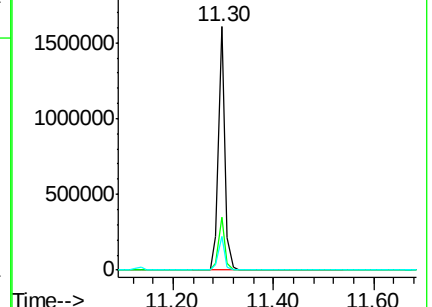
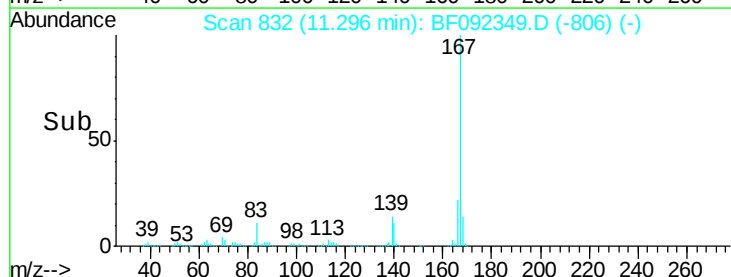
139 13.9 11.4 17.2

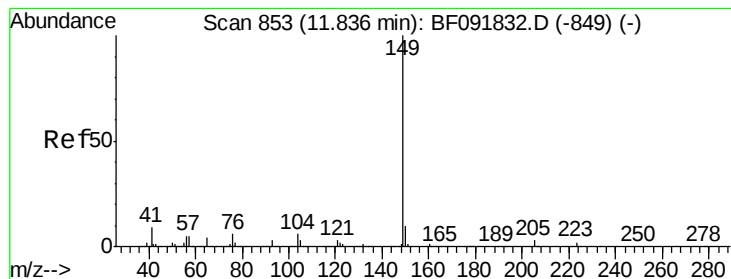


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 61.58 ng

RT: 11.64 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

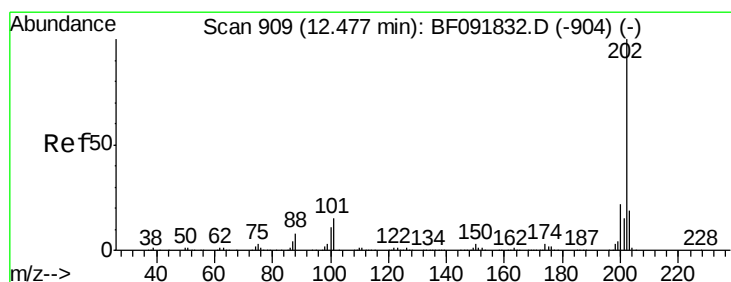
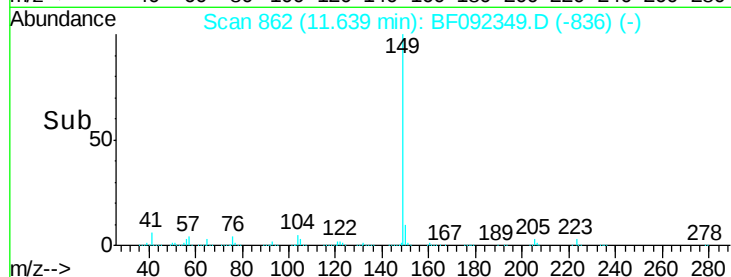
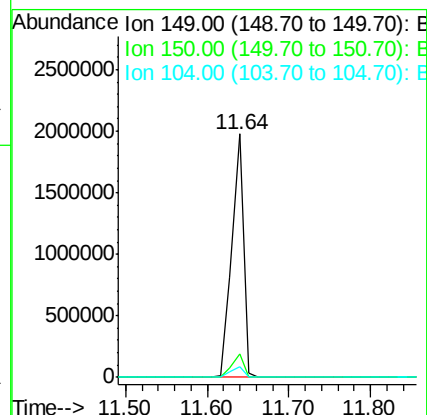
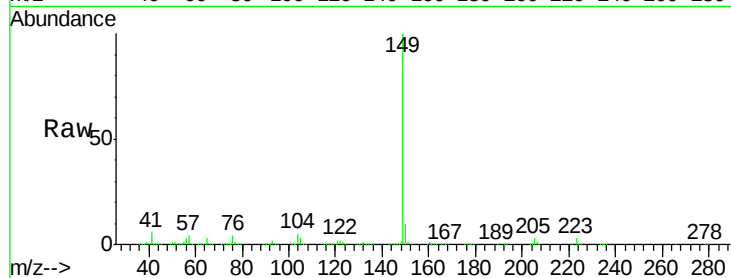
Tgt Ion:149 Resp: 1951630

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

104 4.5 4.6 7.0#



#74

Fluoranthene

Concen: 54.37 ng

RT: 12.27 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

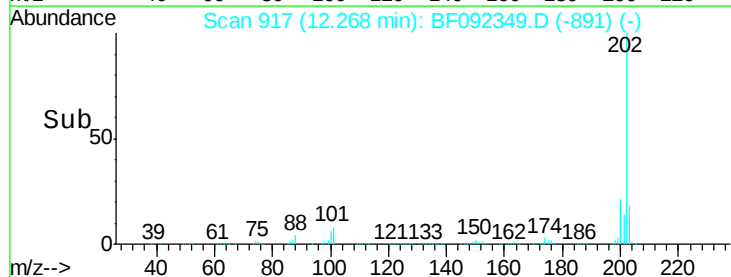
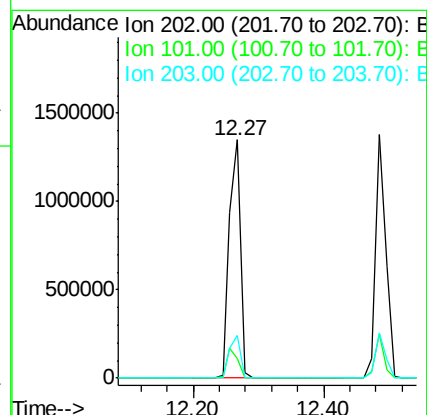
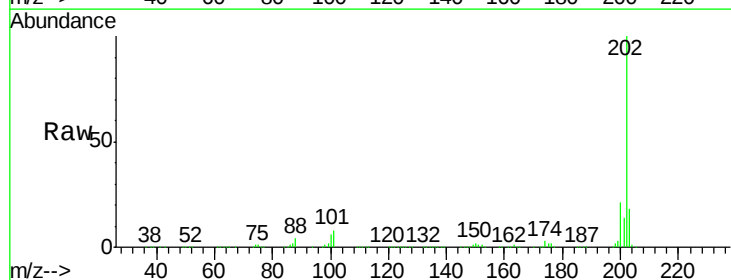
Tgt Ion:202 Resp: 1611544

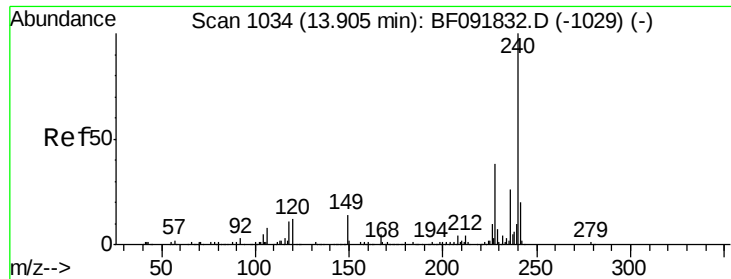
Ion Ratio Lower Upper

202 100

101 8.3 0.0 34.6

203 17.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

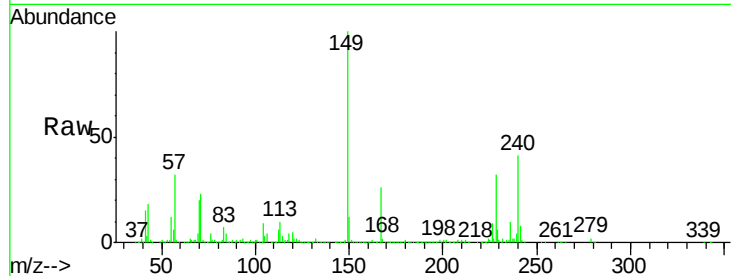
Tgt Ion:240 Resp: 346948

Ion Ratio Lower Upper

240 100

120 11.9 12.9 19.3#

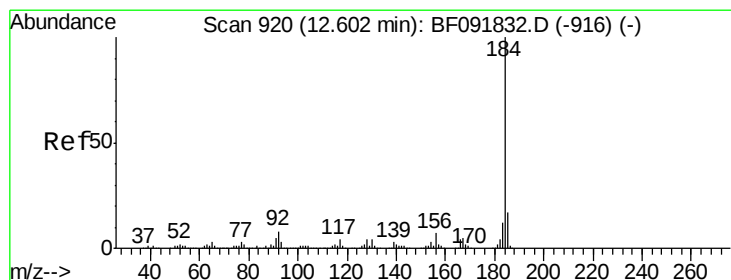
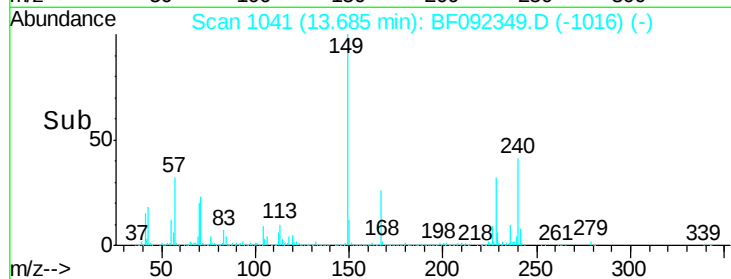
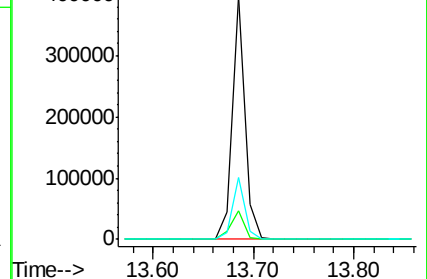
236 25.2 20.9 31.3



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: 18.89 ng

RT: 12.39 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

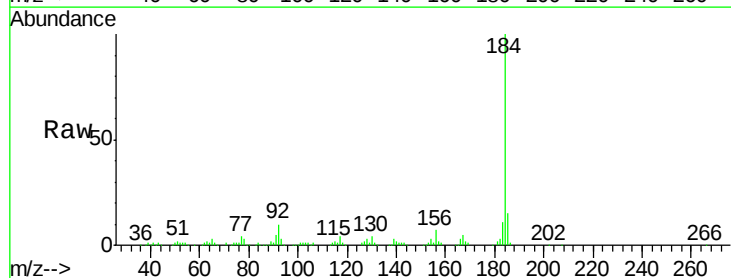
Tgt Ion:184 Resp: 197583

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

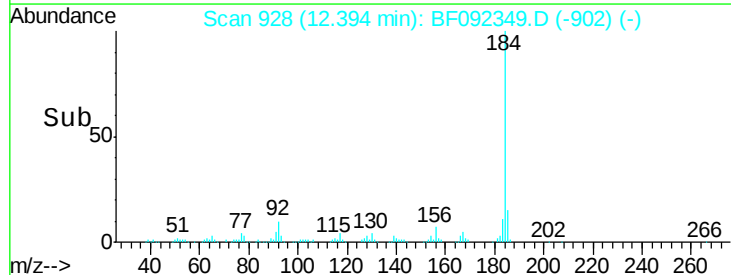
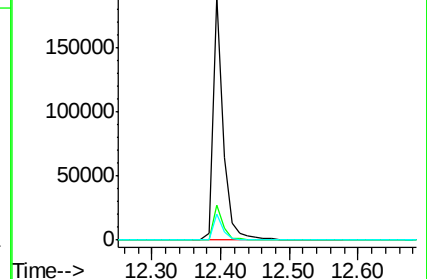
183 10.6 9.2 13.8

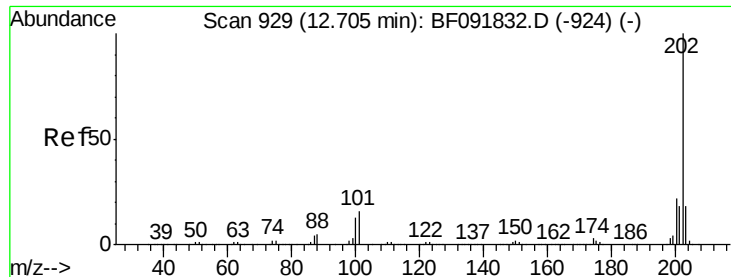


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

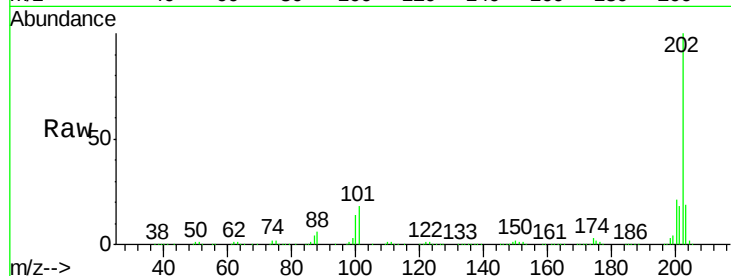




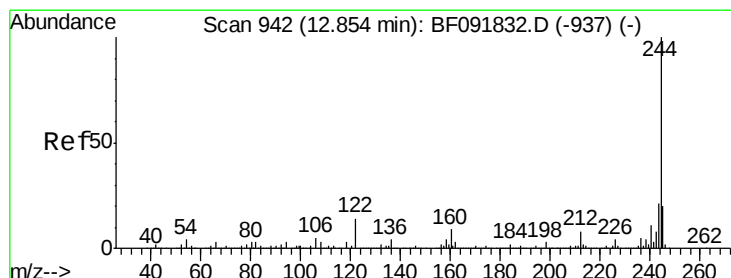
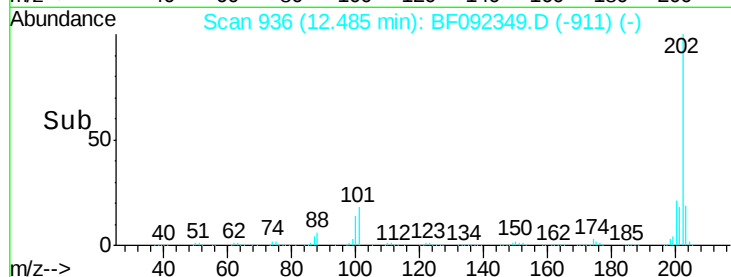
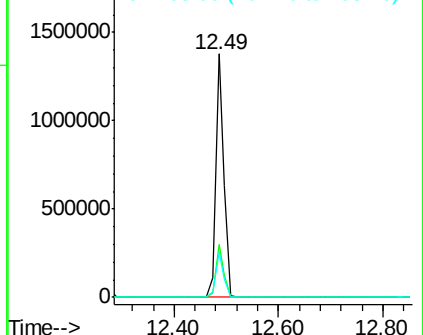
#77
 Pyrene
 Concen: 57.86 ng
 RT: 12.49 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

Tgt Ion: 202 Resp: 1472788
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.7 26.5
 203 18.6 14.7 22.1

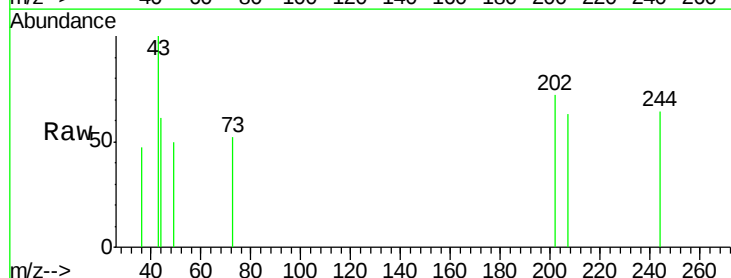


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

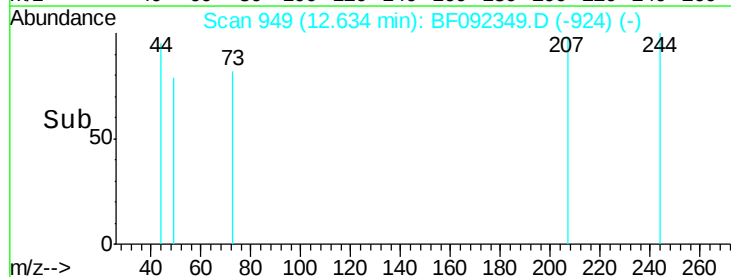
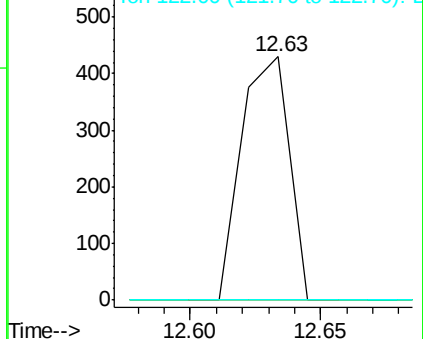


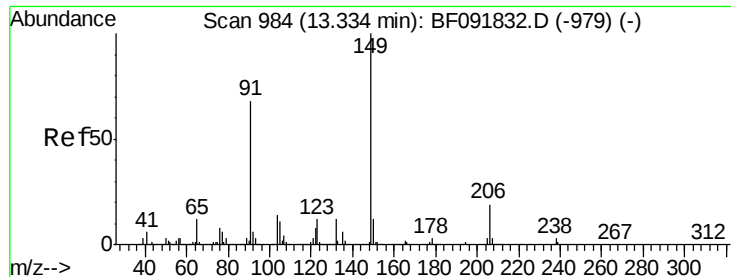
#78
 Terphenyl-d14
 Concen: 0.04 ng
 RT: 12.63 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Tgt Ion: 244 Resp: 553
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.2 9.2#
 122 0.0 11.4 17.2#



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

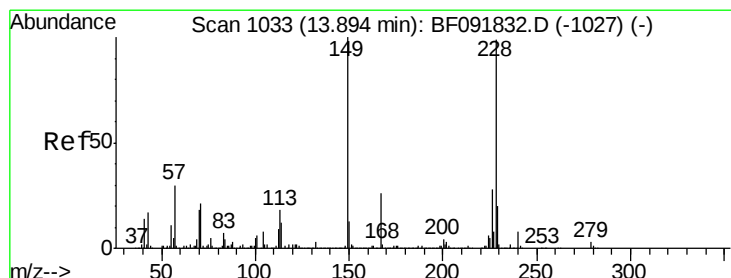
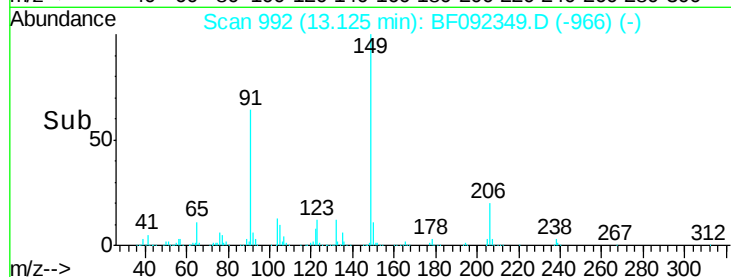
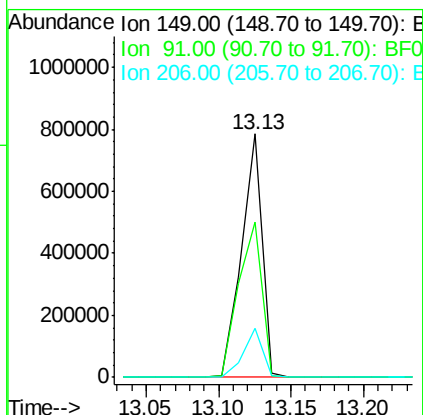
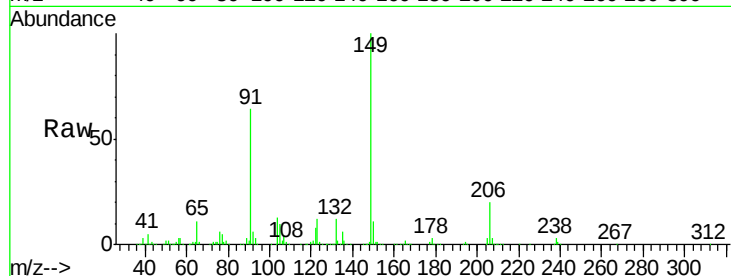




#79
Butylbenzylphthalate
Concen: 66.96 ng
RT: 13.13 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

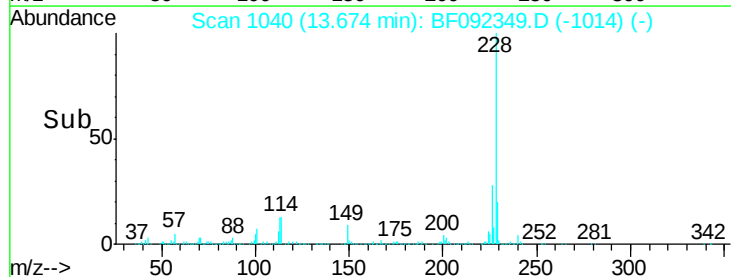
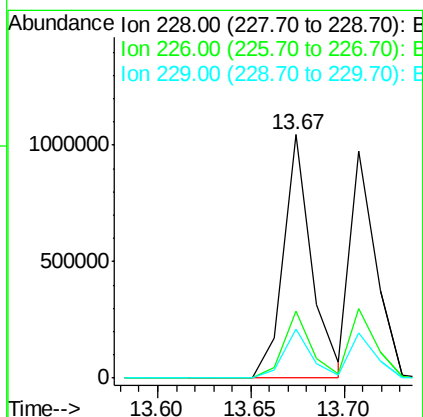
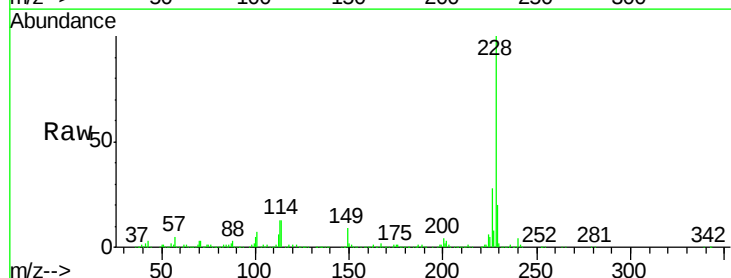
Instrument :
BNA_F
ClientSampleId :
SPK CHK2

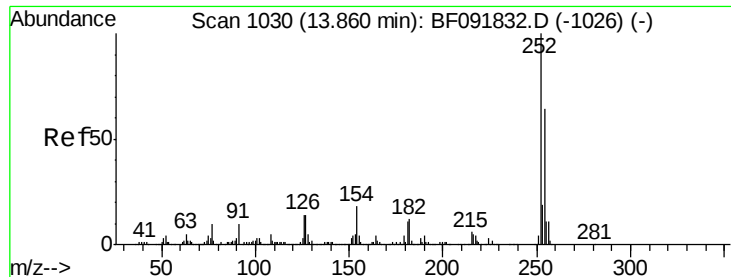
Tgt Ion:149 Resp: 775187
Ion Ratio Lower Upper
149 100
91 63.6 63.9 95.9#
206 20.2 14.6 21.8



#80
Benzo(a)anthracene
Concen: 55.96 ng
RT: 13.67 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion:228 Resp: 1095842
Ion Ratio Lower Upper
228 100
226 27.6 22.4 33.6
229 20.3 16.2 24.4

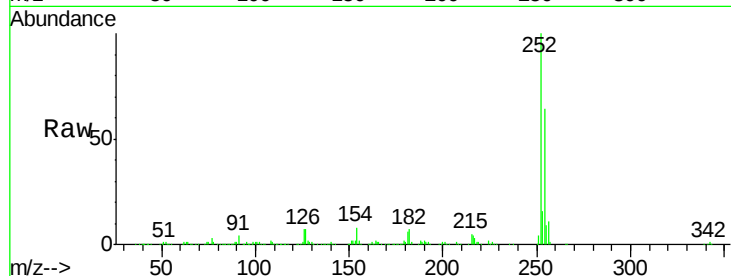




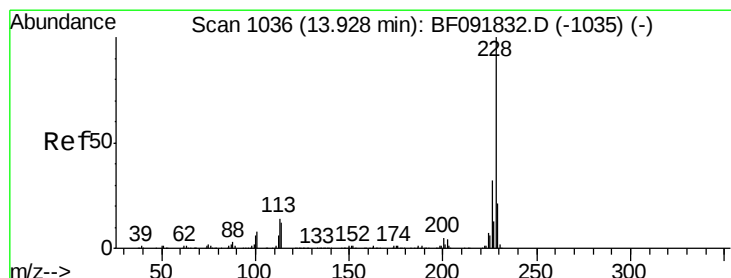
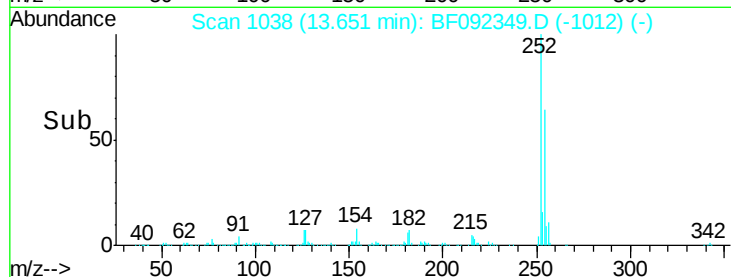
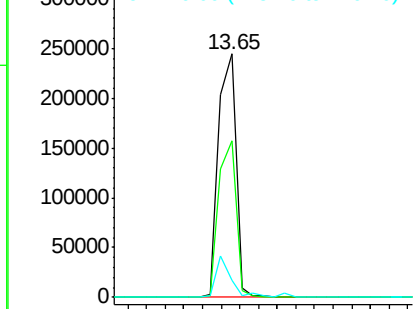
#81
 3,3'-Dichlorobenzidine
 Concen: 43.10 ng
 RT: 13.65 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

Tgt Ion: 252 Resp: 320098
 Ion Ratio Lower Upper
 252 100
 254 64.0 52.3 78.5
 126 6.8 13.6 20.4#

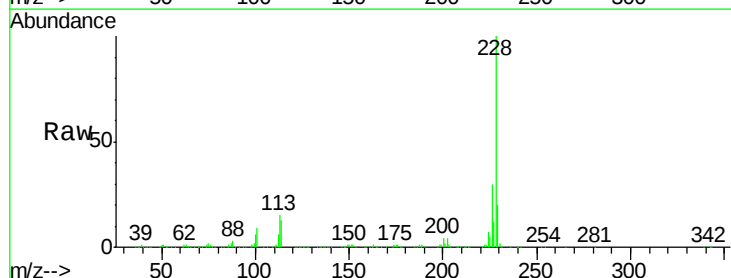


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

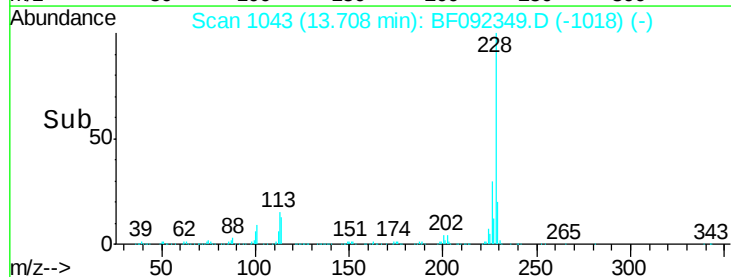
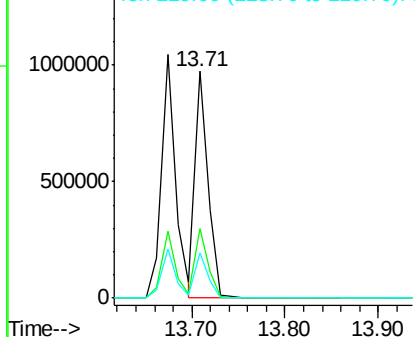


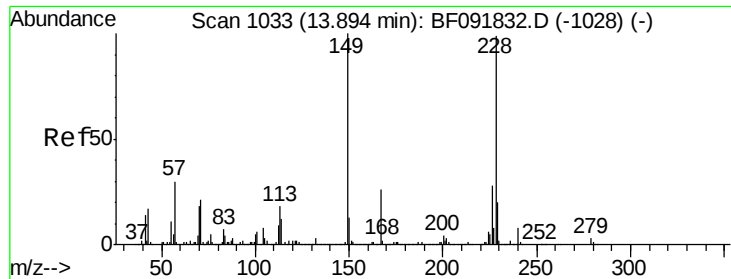
#82
 Chrysene
 Concen: 48.25 ng
 RT: 13.71 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Tgt Ion: 228 Resp: 947779
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.4 38.0
 229 20.2 16.2 24.2



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

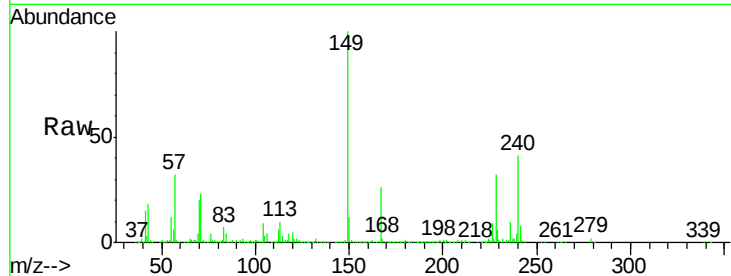




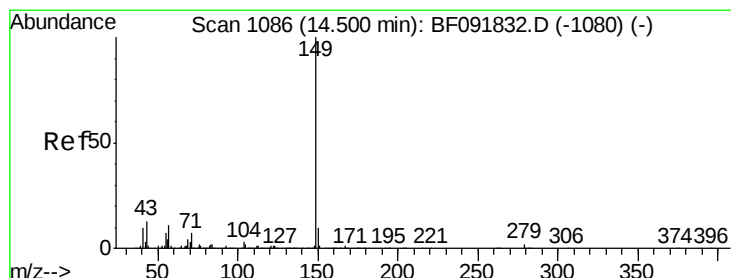
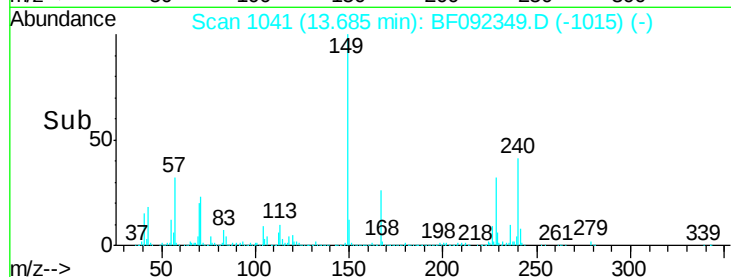
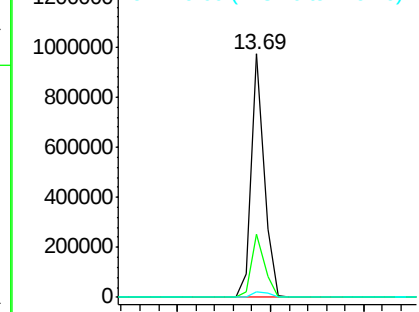
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 67.97 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

Tgt Ion:149 Resp: 926773
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.2 30.4
 279 2.3 1.8 2.8

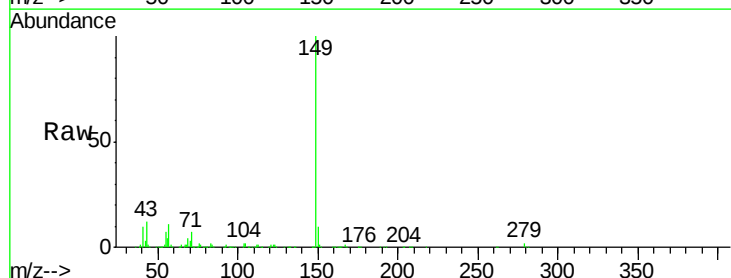


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

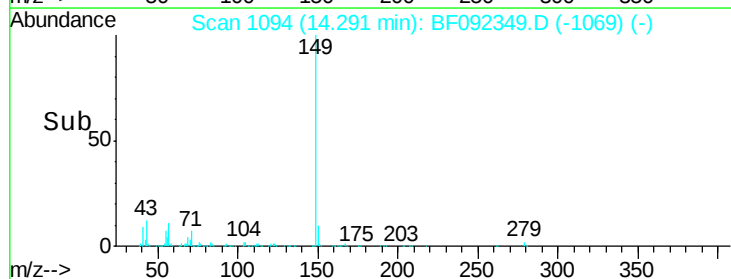
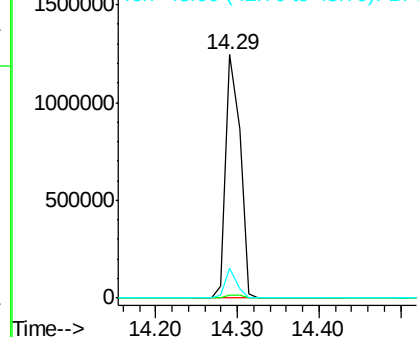


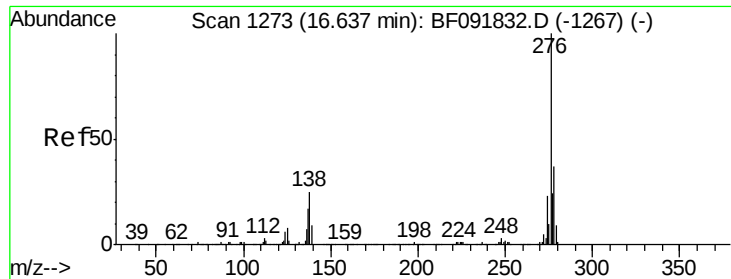
#84
 Di-n-octyl phthalate
 Concen: 59.75 ng
 RT: 14.29 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Tgt Ion:149 Resp: 1509049
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.0 8.9 13.3



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

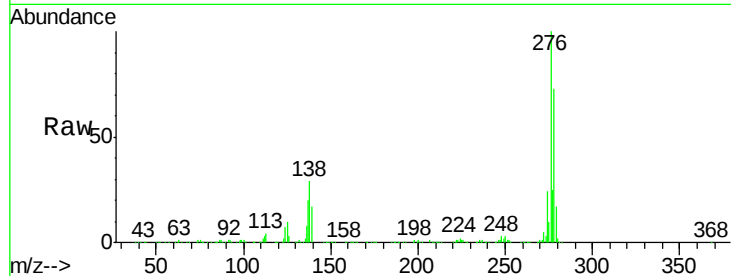




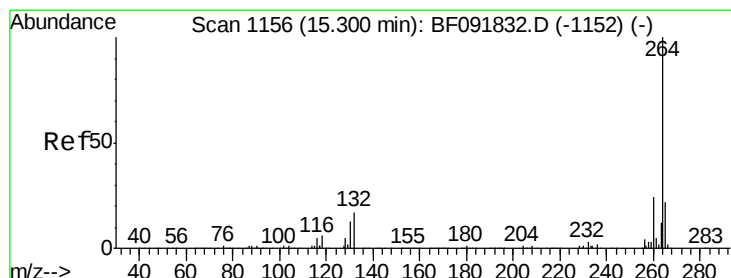
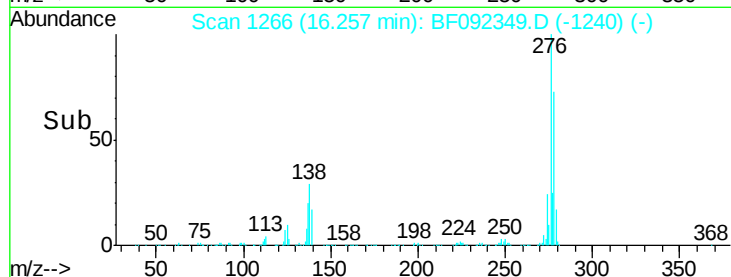
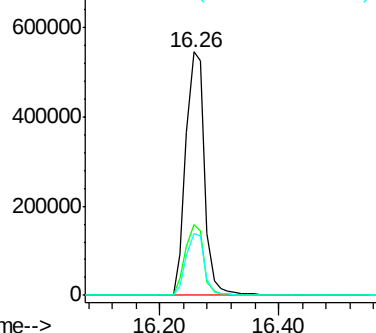
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 70.81 ng
 RT: 16.26 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

Tgt Ion: 276 Resp: 1205108
 Ion Ratio Lower Upper
 276 100
 138 29.0 21.8 32.6
 277 25.1 20.2 30.4

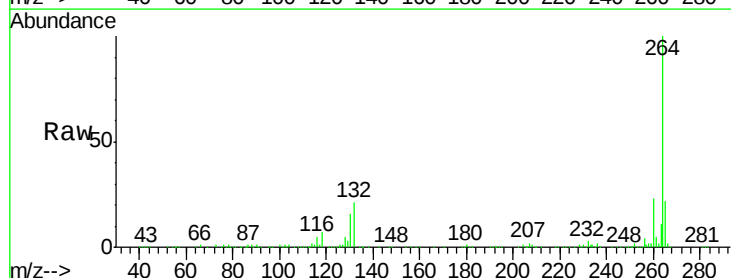


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

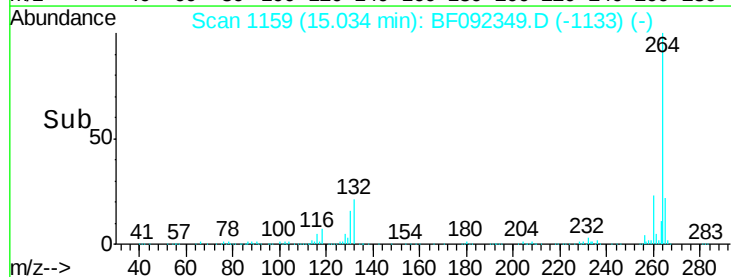
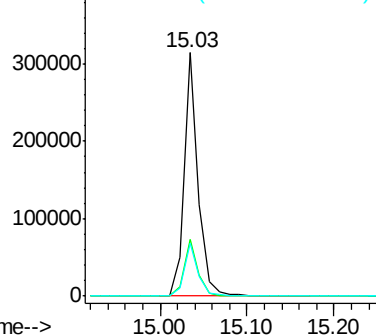


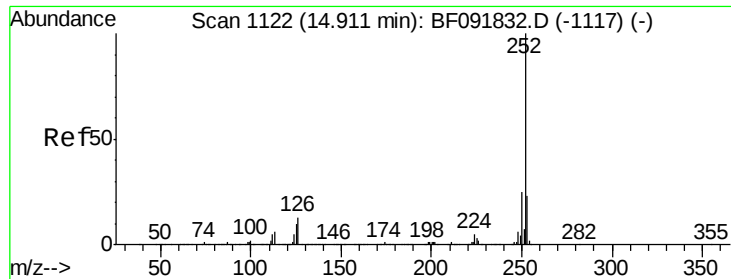
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Tgt Ion: 264 Resp: 352202
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.9 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

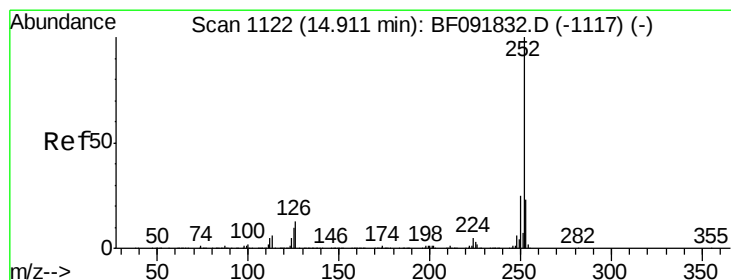
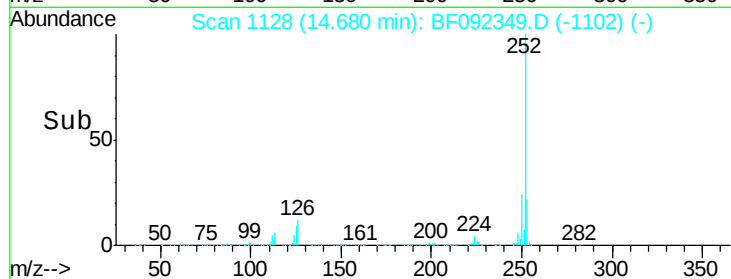
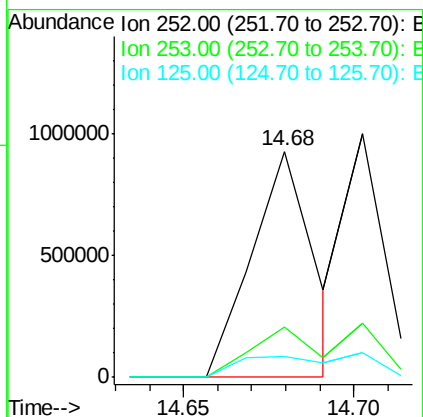
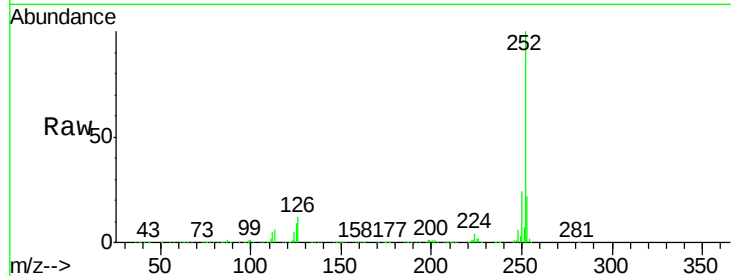




#87
Benzo(b)fluoranthene
Concen: 53.86 ng m
RT: 14.68 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

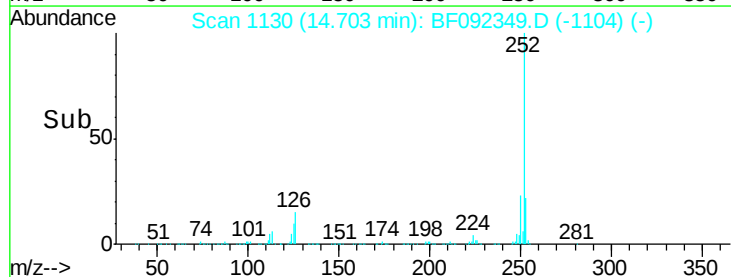
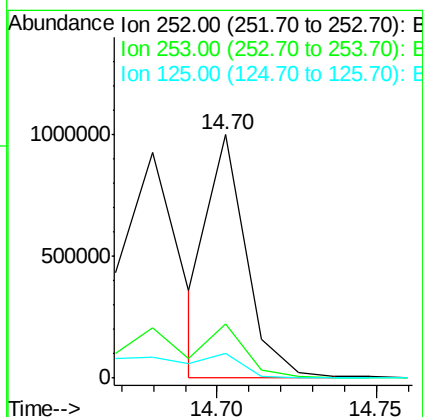
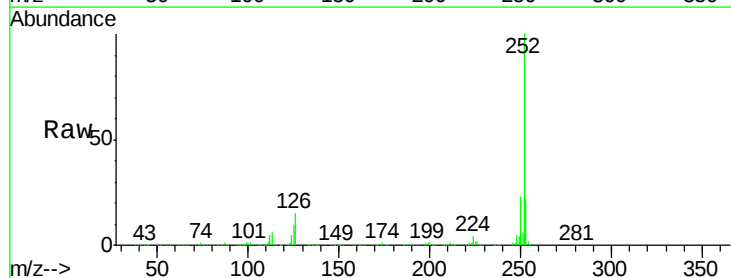
Instrument :
BNA_F
ClientSampleId :
SPK CHK2

Tgt Ion:252 Resp: 1181105
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 9.1 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 43.55 ng m
RT: 14.70 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF092349.D
Acq: 18 Jan 2017 14:11

Tgt Ion:252 Resp: 814391
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 10.0 8.9 13.3





#89

Benzo(a)pyrene

Concen: 52.05 ng

RT: 14.99 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SPK CHK2

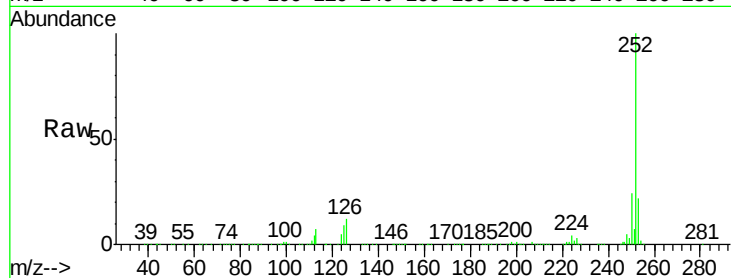
Tgt Ion:252 Resp: 1013053

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

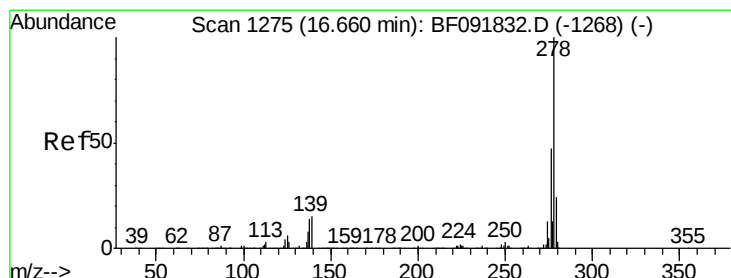
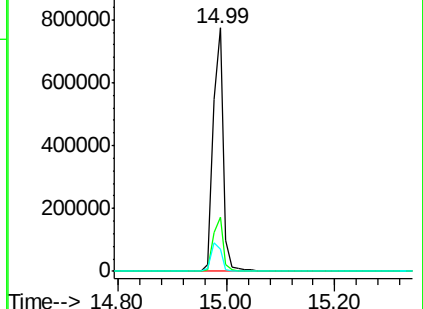
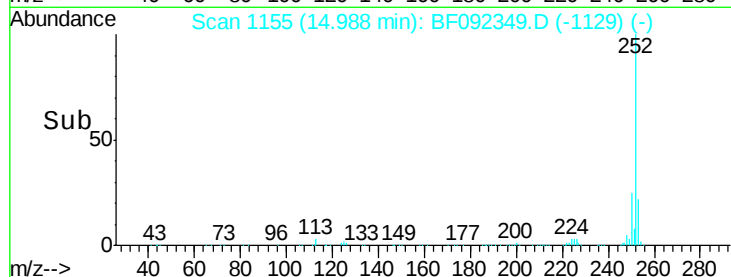
125 9.1 10.0 15.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 61.91 ng

RT: 16.27 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF092349.D

Acq: 18 Jan 2017 14:11

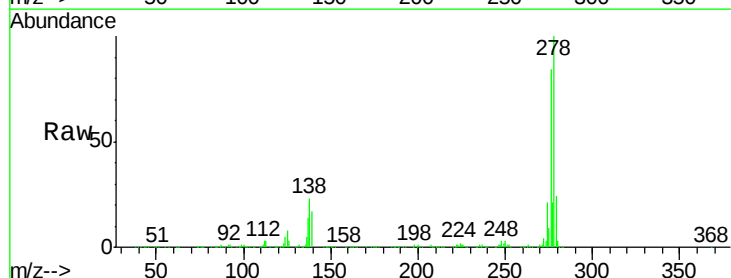
Tgt Ion:278 Resp: 990383

Ion Ratio Lower Upper

278 100

139 16.6 14.8 22.2

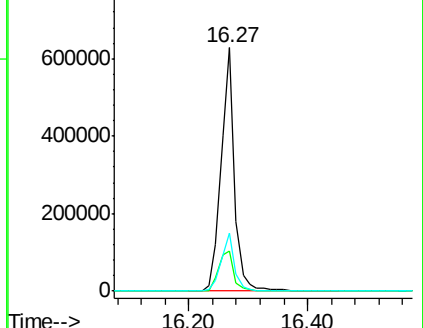
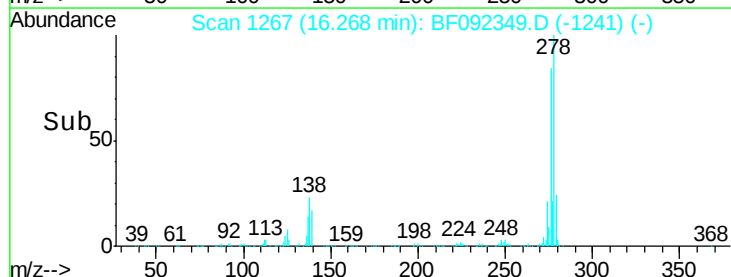
279 24.0 19.8 29.6

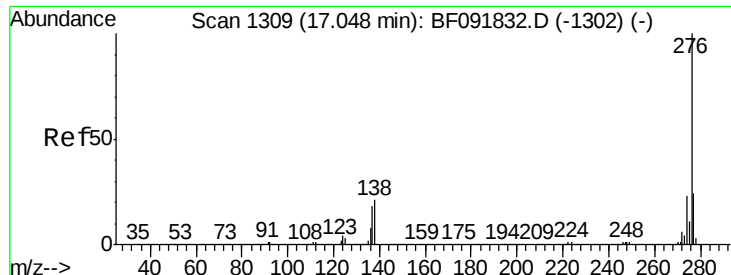


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

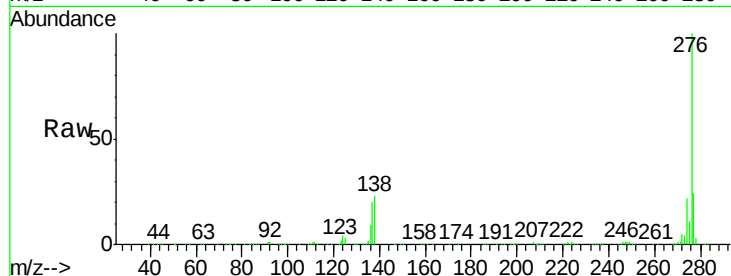




#91
 Benzo(g,h,i)perylene
 Concen: 66.16 ng
 RT: 16.62 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF092349.D
 Acq: 18 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK2

Tgt Ion: 276 Resp: 1100541
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.2 28.8
 138 23.2 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

