

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
 Data File : BF092014.D
 Acq On : 29 Dec 2016 00:21
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 29 02:45:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	327133	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	1282073	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	574149	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	858712	20.00	ng	0.00
75) Chrysene-d12	13.86	240	422974	20.00	ng	-0.01
86) Perylene-d12	15.25	264	516876	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1686528	86.08	ng	0.00
7) Phenol-d6	6.38	99	1681998	70.32	ng	0.00
23) Nitrobenzene-d5	7.29	82	1991314	86.37	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	370413	77.96	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	2496349	89.82	ng	0.00
78) Terphenyl-d14	12.82	244	1932745	110.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	344073	35.67	ng	99
3) Pyridine	2.88	79	1088601	32.34	ng	98
4) n-Nitrosodimethylamine	2.84	42	440117	34.66	ng	94
6) Aniline	6.37	93	1094162	35.22	ng	# 51
8) 2-Chlorophenol	6.50	128	911199	40.89	ng	94
9) Benzaldehyde	6.25	77	565416	42.31	ng	89
10) Phenol	6.40	94	1136422	41.69	ng	# 75
11) bis(2-Chloroethyl)ether	6.45	93	902731	41.62	ng	99
12) 1,3-Dichlorobenzene	6.65	146	957716m	40.26	ng	
13) 1,4-Dichlorobenzene	6.73	146	1004138	41.47	ng	96
14) 1,2-Dichlorobenzene	6.89	146	831392m	39.57	ng	
15) Benzyl Alcohol	6.88	79	727681	39.15	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1447655	44.82	ng	54
17) 2-Methylphenol	7.00	107	790551	44.11	ng	# 91
18) Hexachloroethane	7.22	117	394858	43.98	ng	90
19) n-Nitroso-di-n-propylamine	7.14	70	717376	45.08	ng	99
20) 3+4-Methylphenols	7.15	107	998761	46.72	ng	# 71
22) Acetophenone	7.13	105	1510895	47.78	ng	# 94
24) Nitrobenzene	7.31	77	1121707	45.68	ng	# 78
25) Isophorone	7.55	82	1816893	42.71	ng	97
26) 2-Nitrophenol	7.62	139	507959	41.94	ng	98
27) 2,4-Dimethylphenol	7.68	122	756002	37.64	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	1006393	39.01	ng	99
29) 2,4-Dichlorophenol	7.87	162	681544	40.07	ng	89
30) 1,2,4-Trichlorobenzene	7.94	180	755368	40.53	ng	# 94
31) Naphthalene	8.02	128	2269612	38.68	ng	99
32) Benzoic acid	7.84	122	588368	39.49	ng	99
33) 4-Chloroaniline	8.08	127	948462	35.85	ng	98
34) Hexachlorobutadiene	8.14	225	440681	44.79	ng	97
35) Caprolactam	8.48	113	169771	30.38	ng	# 60
36) 4-Chloro-3-methylphenol	8.58	107	628254	32.10	ng	98
37) 2-Methylnaphthalene	8.72	142	1441035	38.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	550946	37.98	ng	99
40) Hexachlorocyclopentadiene	8.86	237	176056	29.88	ng	96

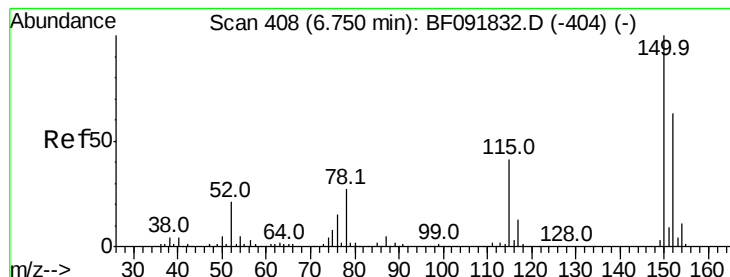
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
 Data File : BF092014.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	414450	40.85	nq	97
43) 2,4,5-Trichlorophenol	9.05	196	401397	38.45	nq	99
45) 1,1'-Biphenyl	9.18	154	1727893	43.95	nq	98
46) 2-Chloronaphthalene	9.20	162	1257338	40.39	nq	93
47) 2-Nitroaniline	9.31	65	497655	44.90	nq	90
48) Acenaphthylene	9.62	152	1962401	40.99	nq	98
49) Dimethylphthalate	9.49	163	1504832	40.98	nq	99
50) 2,6-Dinitrotoluene	9.55	165	296777	36.92	nq	# 71
51) Acenaphthene	9.79	154	1321192	40.70	nq	99
52) 3-Nitroaniline	9.72	138	333553	33.53	nq	100
53) 2,4-Dinitrophenol	9.82	184	97810	21.87	nq	# 56
54) Dibenzofuran	9.96	168	1648629	37.61	nq	94
55) 4-Nitrophenol	9.90	139	233236	34.53	nq	91
56) 2,4-Dinitrotoluene	9.95	165	355046	35.19	nq	# 67
57) Fluorene	10.30	166	1283929	40.26	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	343886	41.65	nq	96
59) Diethylphthalate	10.19	149	1551226	43.50	nq	96
60) 4-Chlorophenyl-phenylether	10.29	204	563115	40.32	nq	97
61) 4-Nitroaniline	10.34	138	356533	34.59	nq	99
62) Azobenzene	10.45	77	1662890	42.35	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	172309	33.18	nq	# 48
65) n-Nitrosodiphenylamine	10.42	169	1160459	45.54	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	412351	46.16	nq	# 86
67) Hexachlorobenzene	10.84	284	382452	40.06	nq	# 77
68) Atrazine	10.96	200	337049	41.01	nq	93
69) Pentachlorophenol	11.05	266	180934	38.62	nq	98
70) Phenanthrene	11.25	178	1712173	36.77	nq	99
71) Anthracene	11.31	178	1966664	49.21	nq	99
72) Carbazole	11.47	167	1652605	41.75	nq	99
73) Di-n-butylphthalate	11.80	149	2020338	45.87	nq	100
74) Fluoranthene	12.44	202	1731623	42.15	nq	94
76) Benzidine	12.57	184	477159	44.12	nq	98
77) Pyrene	12.67	202	1677806	54.06	nq	99
79) Butylbenzylphthalate	13.30	149	799645	56.65	nq	# 77
80) Benzo(a)anthracene	13.85	228	1097129	45.95	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	465162	51.38	nq	# 96
82) Chrysene	13.89	228	1211475	50.58	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	950679	57.19	nq	# 96
84) Di-n-octyl phthalate	14.47	149	1545452	50.19	nq	99
85) Indeno(1,2,3-cd)pyrene	16.57	276	1370429	66.05	nq	99
87) Benzo(b)fluoranthene	14.87	252	1159126m	36.02	nq	
88) Benzo(k)fluoranthene	14.89	252	1094244m	39.88	nq	
89) Benzo(a)pyrene	15.20	252	1130223	39.57	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	1150679	49.01	nq	96
91) Benzo(g,h,i)perylene	16.97	276	1191090	48.79	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

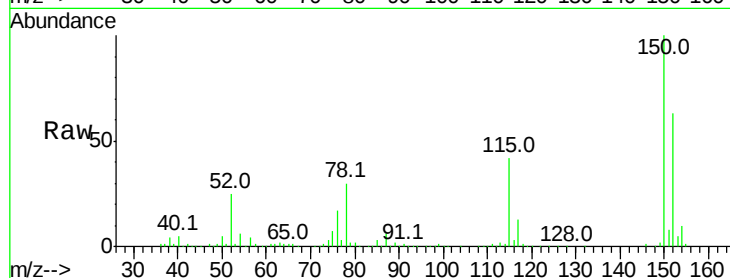
Tot Ion:152 Resp: 327133

Ion Ratio Lower Upper

152 100

150 158.9 124.9 187.3

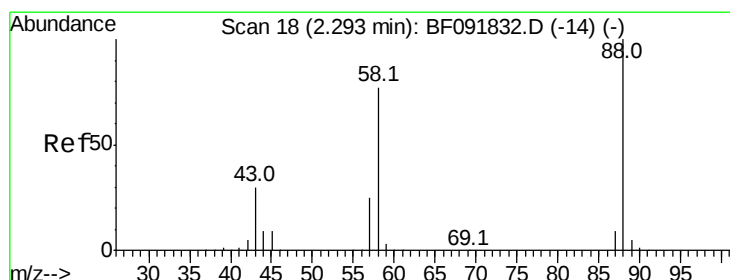
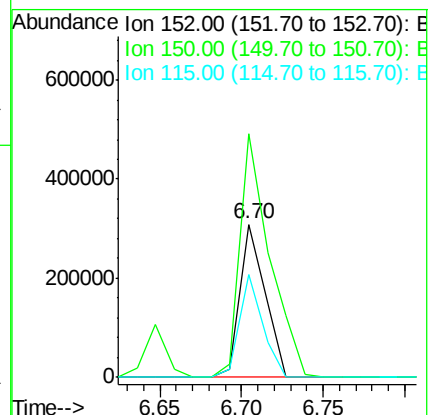
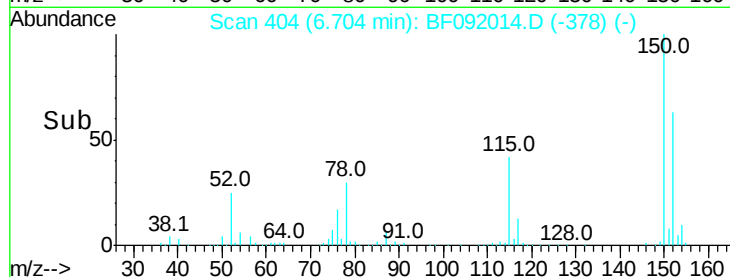
115 67.4 46.0 69.0



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: 35.67 ng

RT: 2.20 min Scan# 10

Delta R.T. 0.01 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

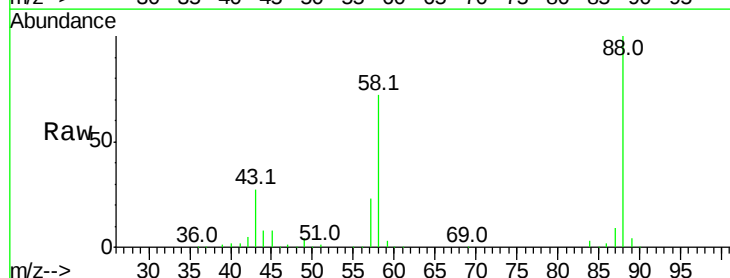
Tgt Ion: 88 Resp: 344073

Ion Ratio Lower Upper

88 100

58 73.0 57.8 86.8

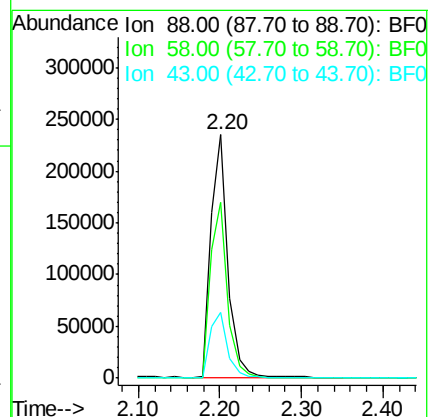
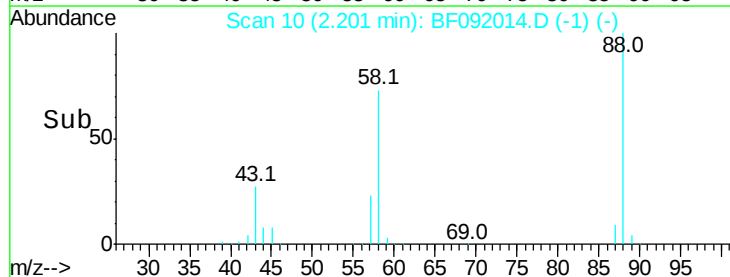
43 28.1 22.3 33.5

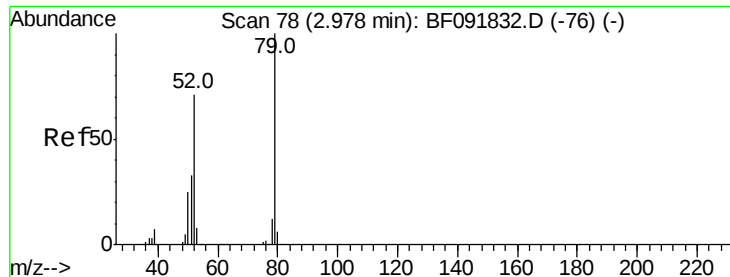


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

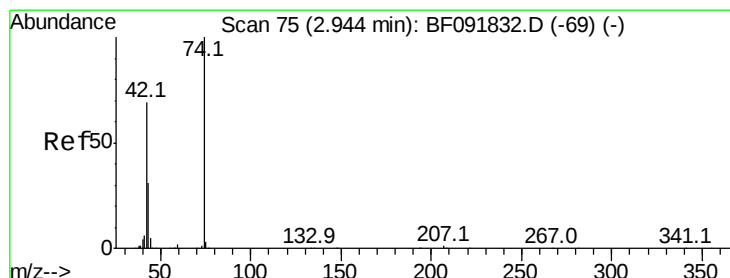
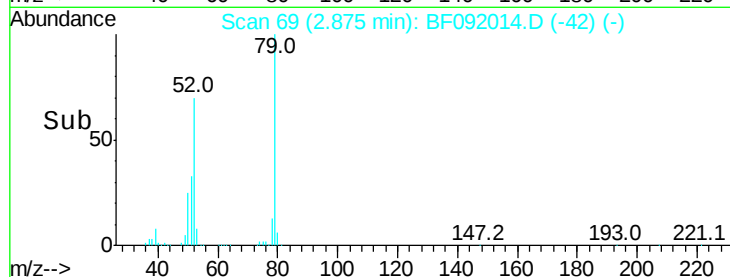
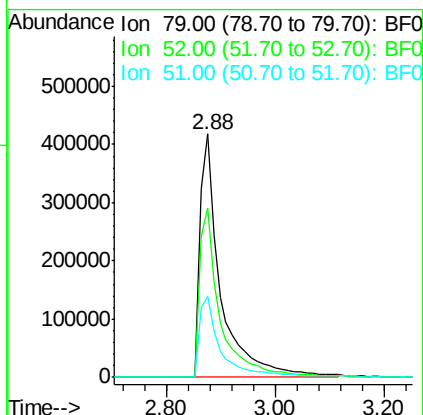
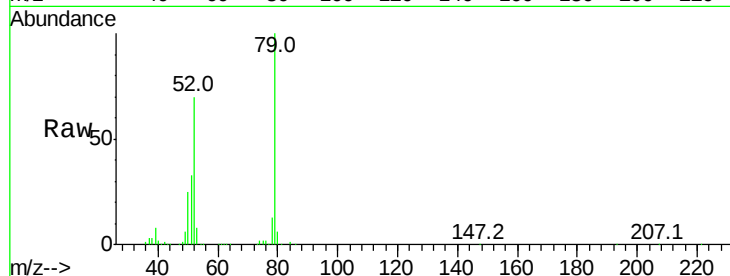




#3
 Pvridine
 Concen: 32.34 ng
 RT: 2.88 min Scan# 69
 Delta R.T. 0.01 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

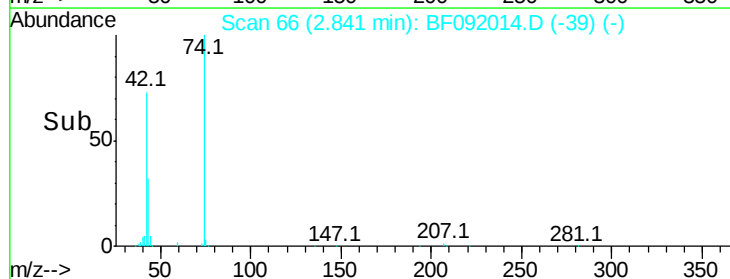
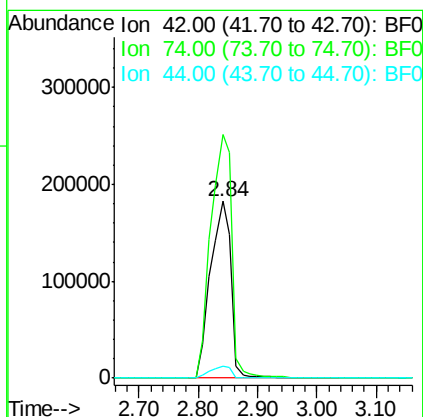
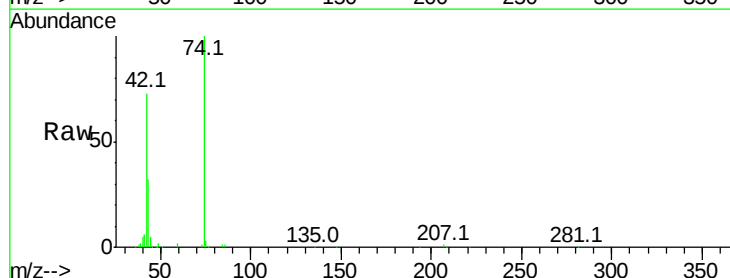
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

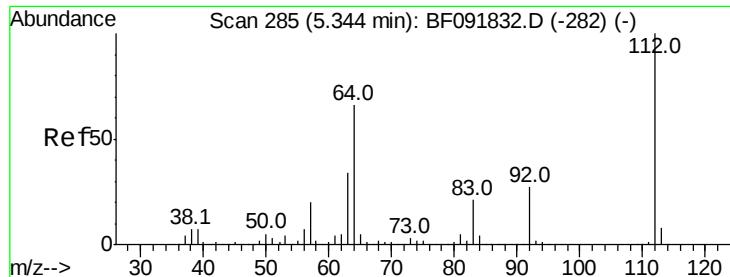
Tot Ion: 79 Resp: 1088601
 Ion Ratio Lower Upper
 79 100
 52 69.7 57.1 85.7
 51 33.1 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 34.66 ng
 RT: 2.84 min Scan# 66
 Delta R.T. 0.01 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Tgt Ion: 42 Resp: 440117
 Ion Ratio Lower Upper
 42 100
 74 137.9 117.0 175.4
 44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 86.08 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

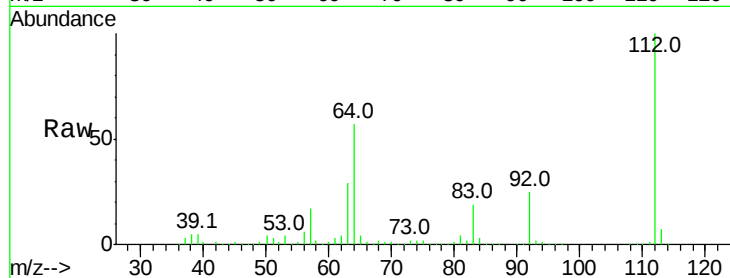
Tot Ion:112 Resp: 1686528

Ion Ratio Lower Upper

112 100

64 57.0 46.1 69.1

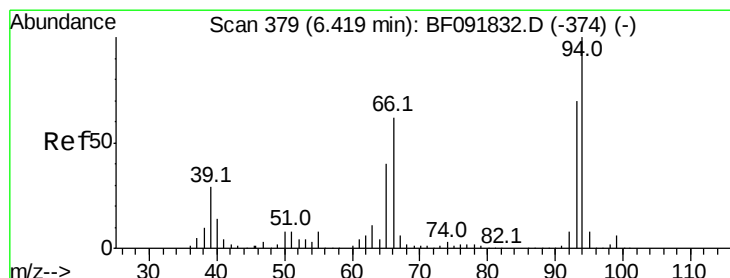
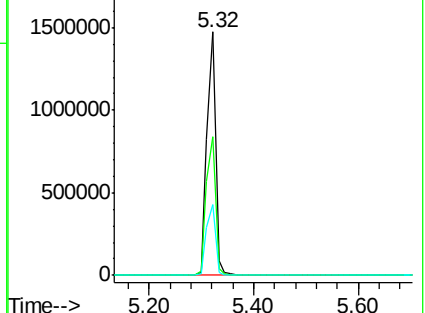
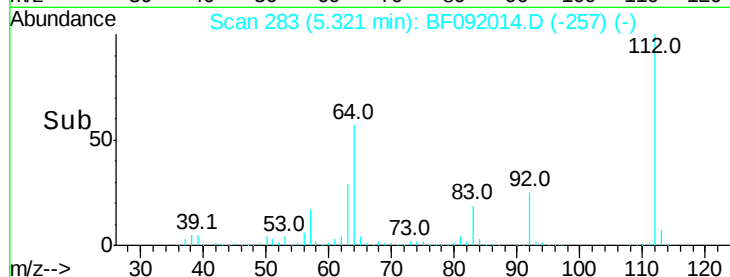
63 29.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.22 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

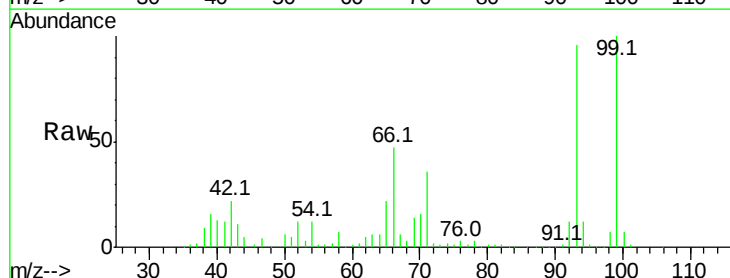
Tgt Ion: 93 Resp: 1094162

Ion Ratio Lower Upper

93 100

66 48.4 76.2 114.2#

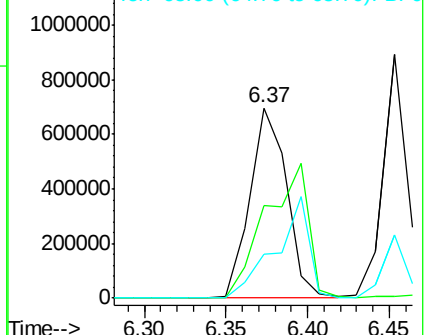
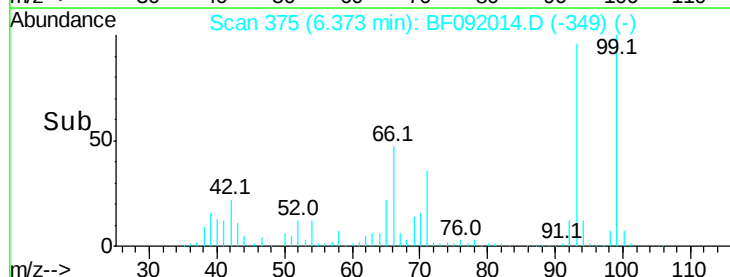
65 23.2 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 70.32 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

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ClientSampleId :

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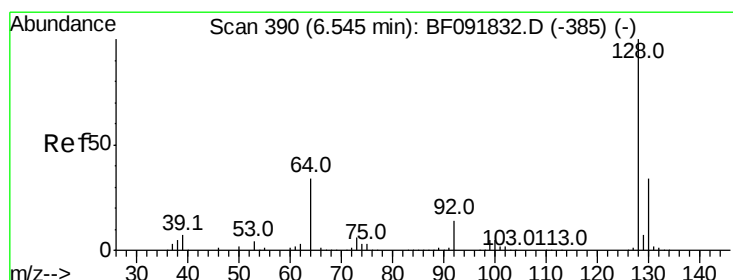
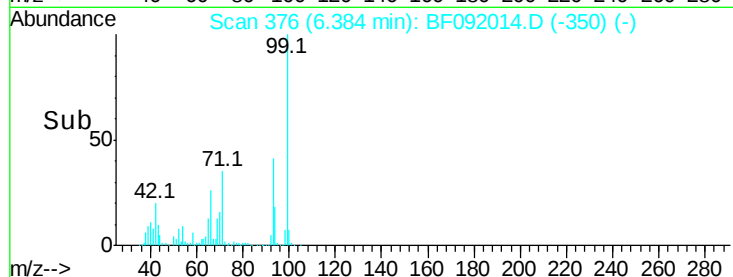
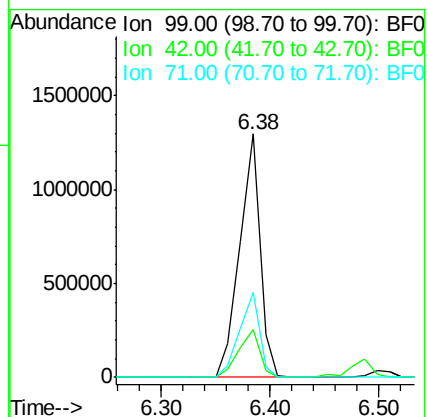
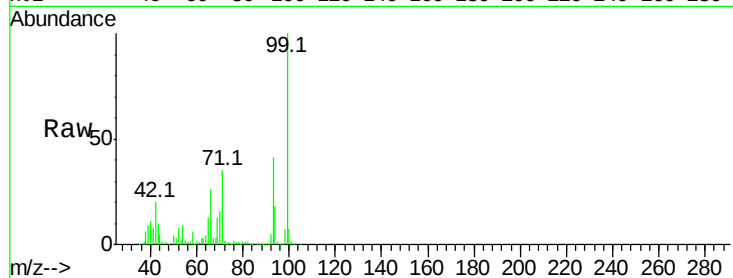
Tot Ion: 99 Resp: 1681998

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

71 34.8 27.5 41.3



#8

2-Chlorophenol

Concen: 40.89 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

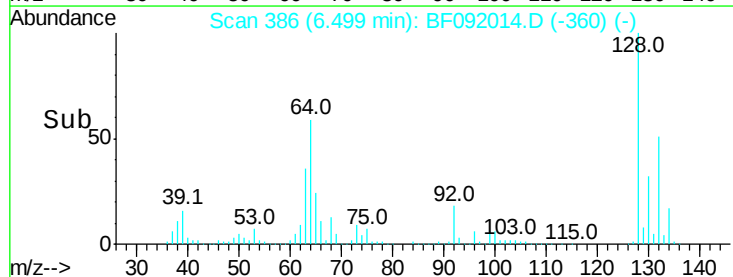
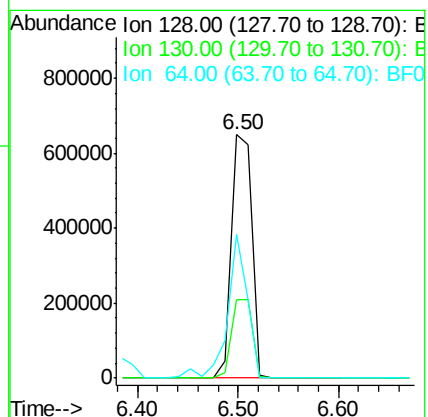
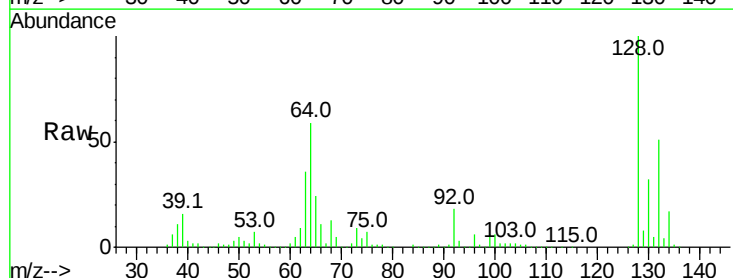
Tgt Ion: 128 Resp: 911199

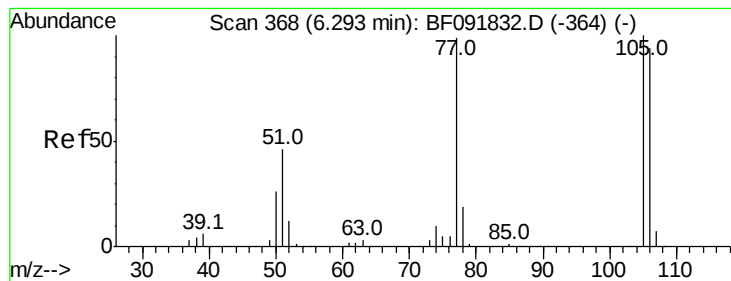
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 59.1 32.2 72.2





#9

Benzaldehyde

Concen: 42.31 ng

RT: 6.25 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

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ClientSampleID :

SSTDCCC040EC

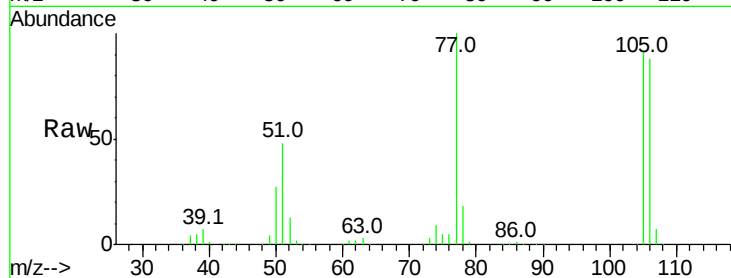
Tot Ion: 77 Resp: 565416

Ion Ratio Lower Upper

77 100

105 91.0 83.9 123.9

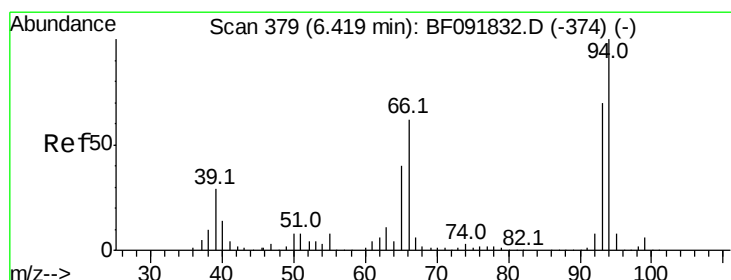
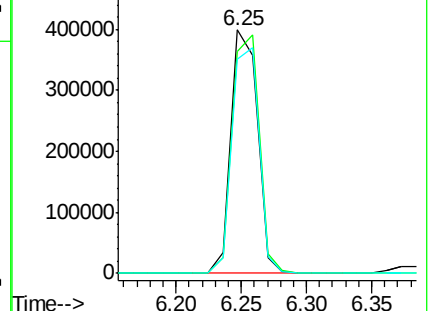
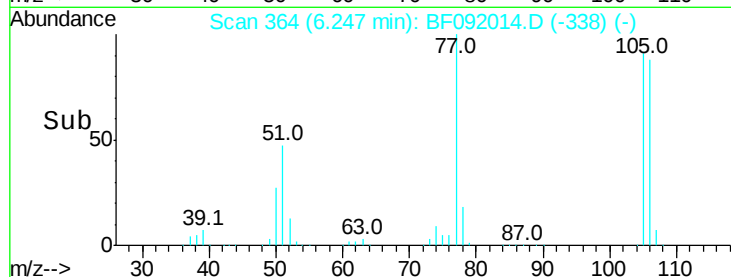
106 88.0 77.6 117.6



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: 41.69 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

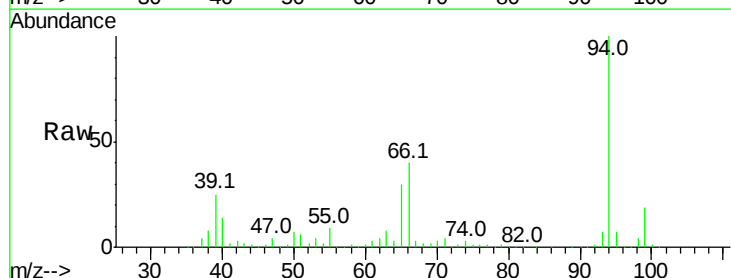
Tgt Ion: 94 Resp: 1136422

Ion Ratio Lower Upper

94 100

65 30.5 21.4 61.4

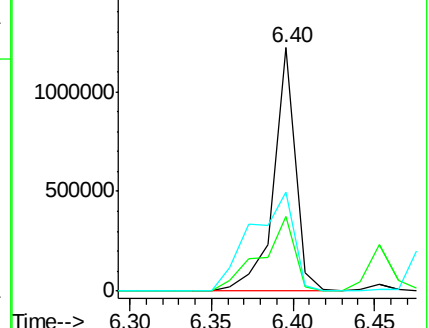
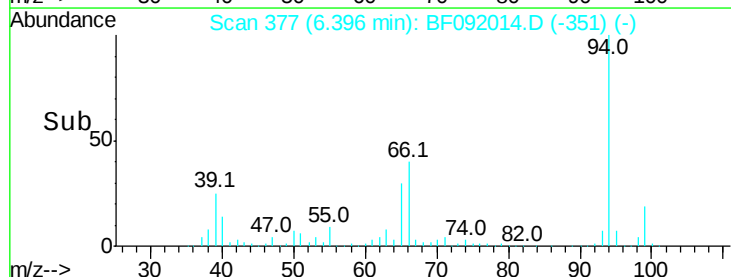
66 40.4 44.0 84.0#



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: 41.62 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

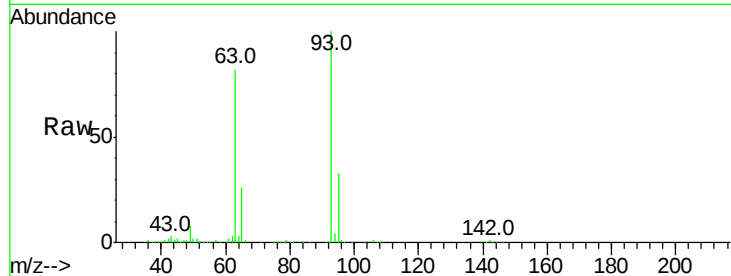
Tot Ion: 93 Resp: 902731

Ion Ratio Lower Upper

93 100

63 81.7 60.4 100.4

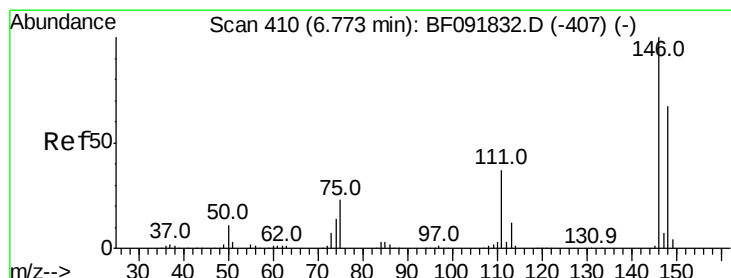
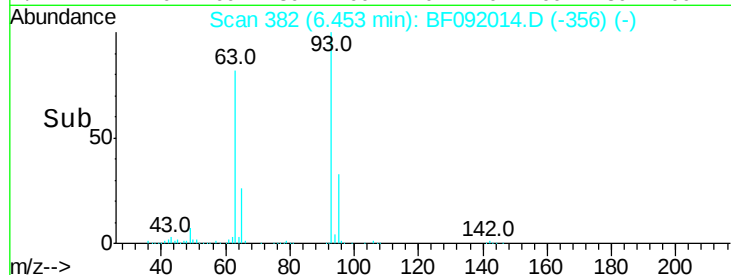
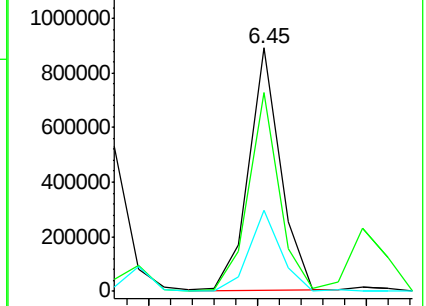
95 33.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.26 ng m

RT: 6.65 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

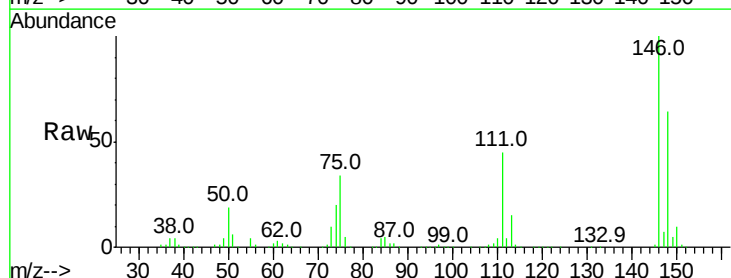
Tgt Ion: 146 Resp: 957716

Ion Ratio Lower Upper

146 100

148 64.1 53.4 80.0

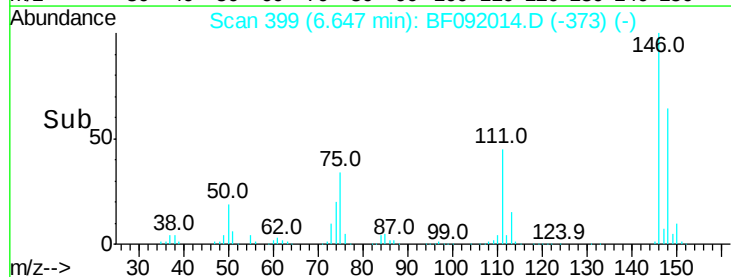
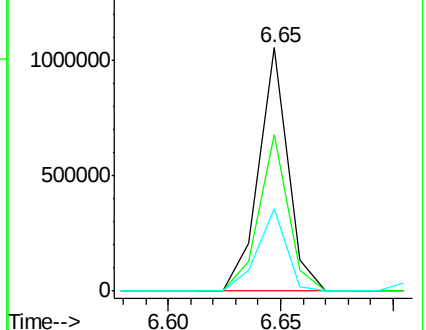
75 34.0 18.5 27.7#

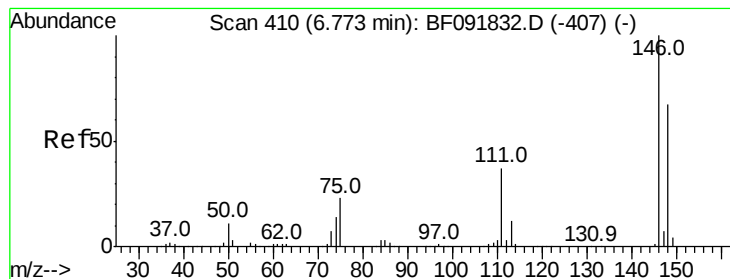


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.47 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

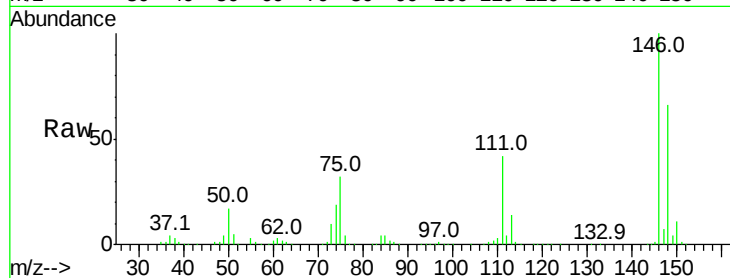
Tot Ion:146 Resp: 1004138

Ion Ratio Lower Upper

146 100

148 65.5 50.6 76.0

111 42.1 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

6.73

1500000

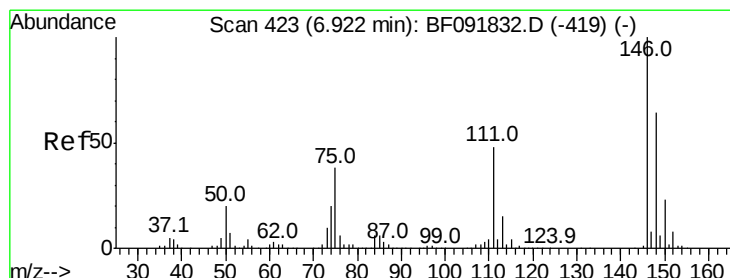
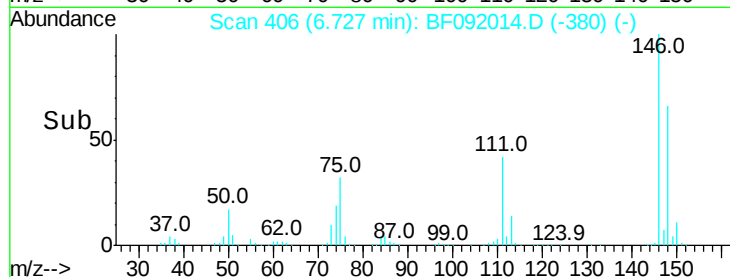
1000000

500000

0

Time-->

6.65 6.70 6.75 6.80



#14

1,2-Dichlorobenzene

Concen: 39.57 ng m

RT: 6.89 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

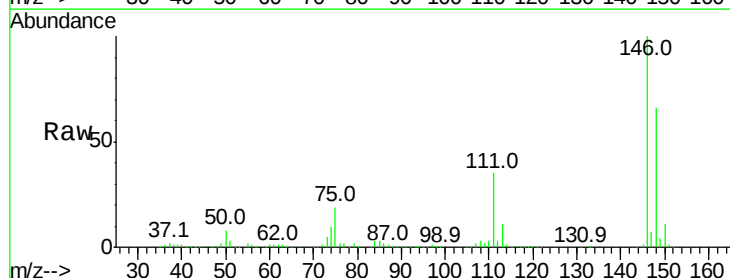
Tgt Ion:146 Resp: 831392

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.2

111 34.7 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

6.89

800000

600000

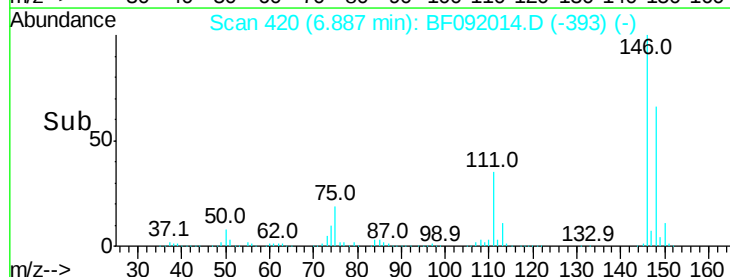
400000

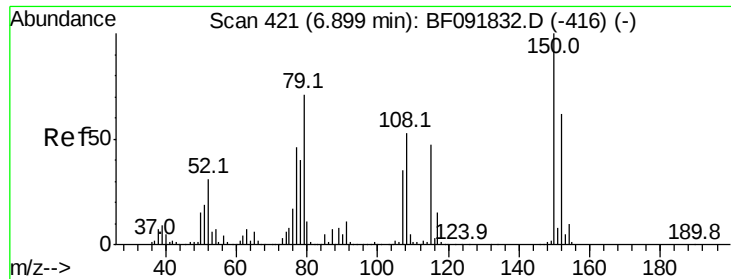
200000

0

Time-->

6.80 6.85 6.90 6.95





#15

Benzyl Alcohol

Concen: 39.15 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

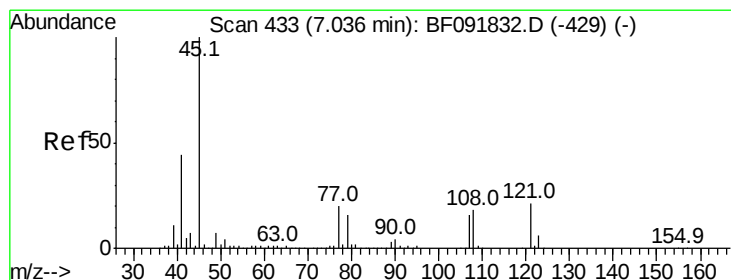
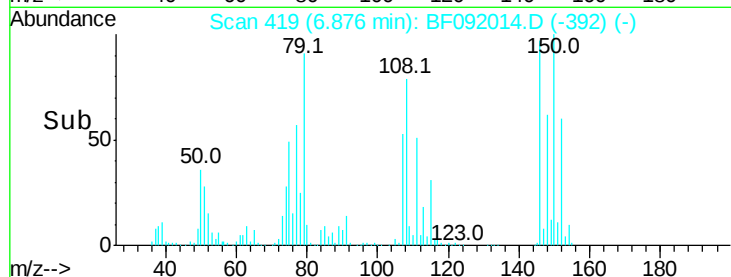
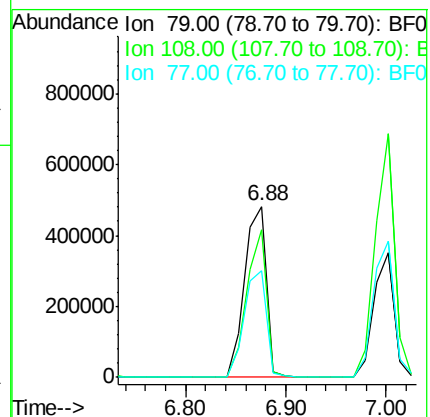
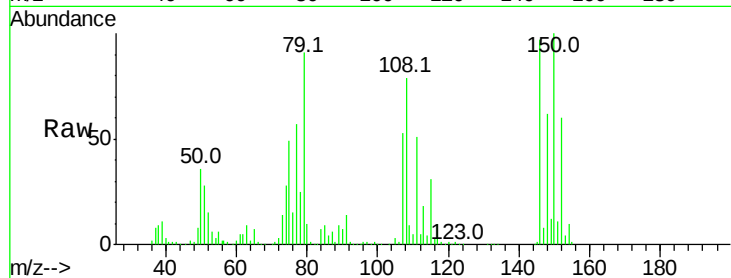
Tot Ion: 79 Resp: 727681

Ion Ratio Lower Upper

79 100

108 86.4 61.4 92.0

77 62.5 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.82 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

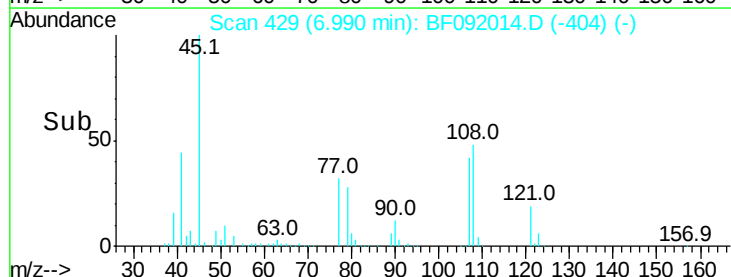
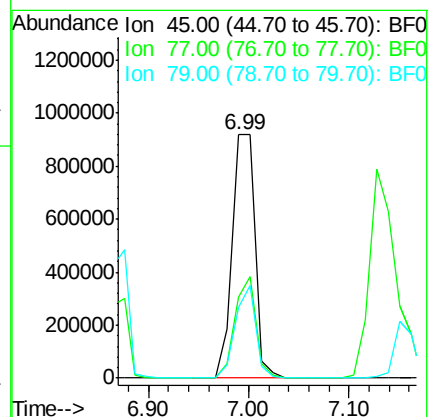
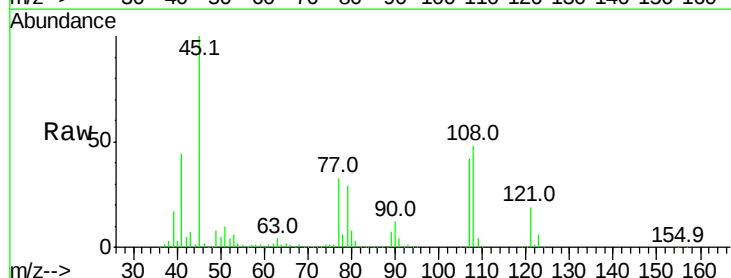
Tgt Ion: 45 Resp: 1447655

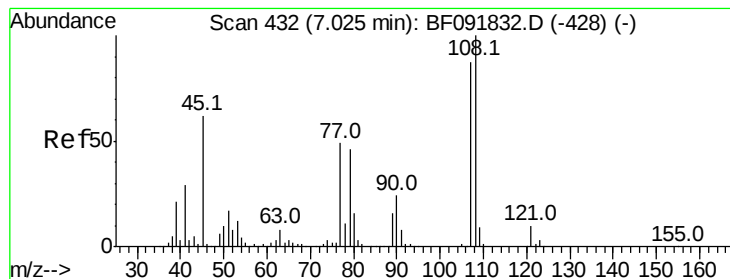
Ion Ratio Lower Upper

45 100

77 33.3 0.0 34.6

79 29.1 0.0 31.2





#17

2-Methylphenol

Concen: 44.11 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 790551

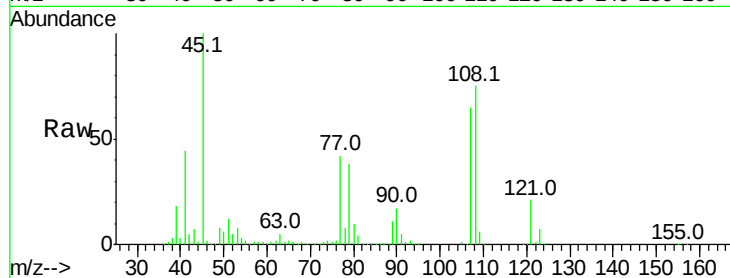
Ion Ratio Lower Upper

107 100

108 115.4 93.0 139.6

77 64.6 39.8 59.8#

79 58.8 38.0 57.0#

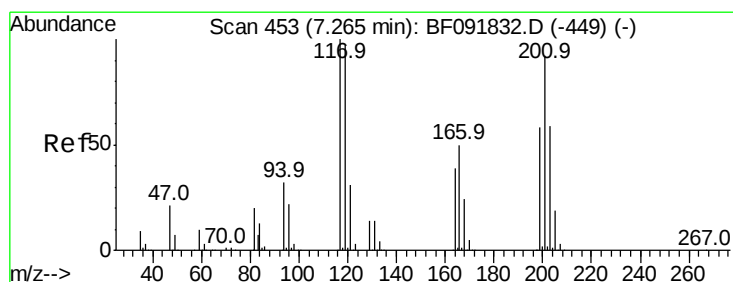
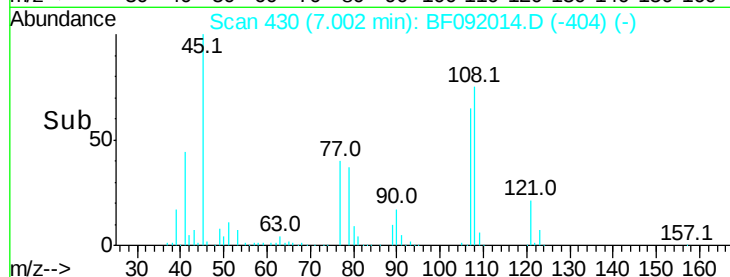
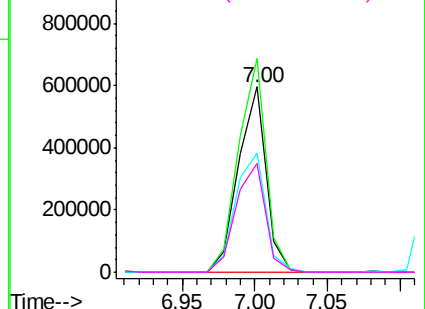


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.98 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

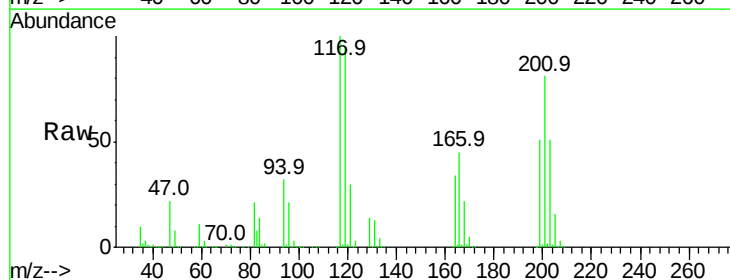
Tgt Ion:117 Resp: 394858

Ion Ratio Lower Upper

117 100

119 95.3 78.1 117.1

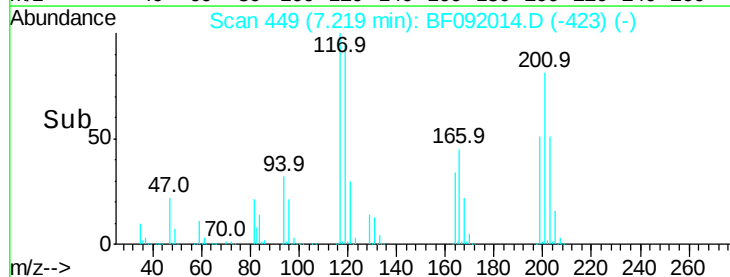
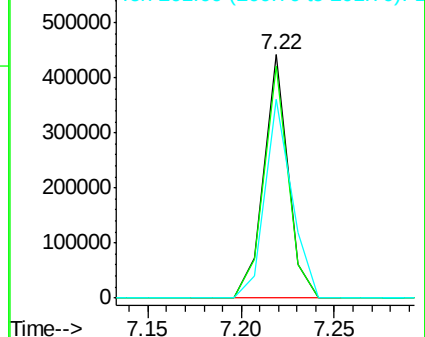
201 81.4 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.08 ng

RT: 7.14 min Scan# 442

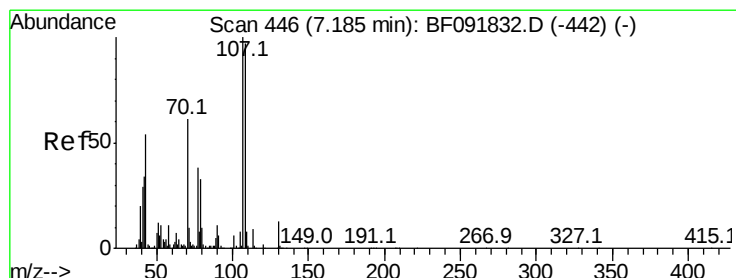
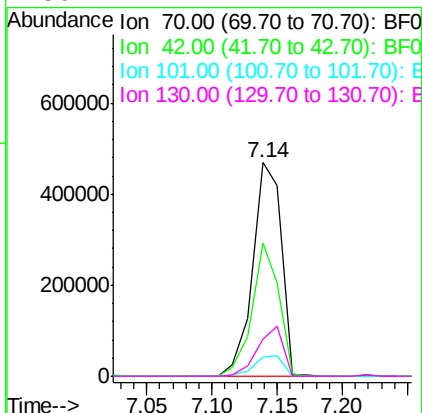
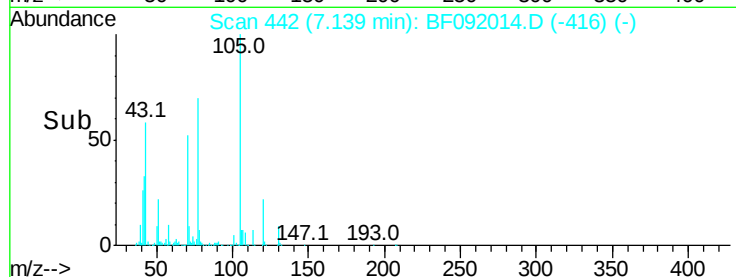
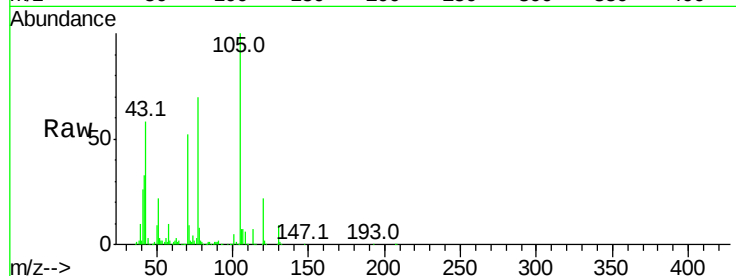
Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	70	Resp:	717376
Ion	Ratio	Lower	Upper
70	100		
42	62.6	49.4	74.0
101	8.7	7.4	11.2
130	17.2	14.2	21.4



#20

3+4-Methylphenols

Concen: 46.72 ng

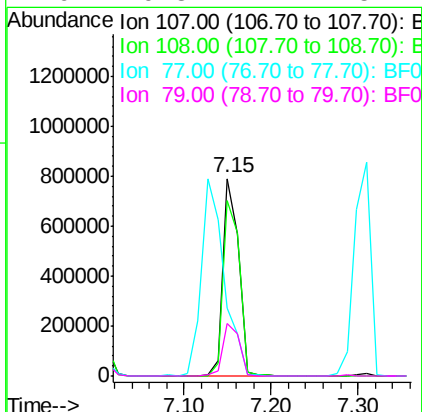
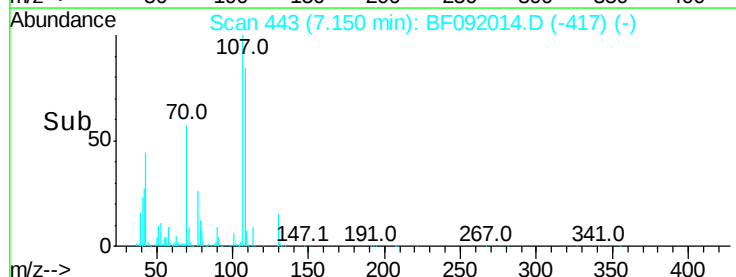
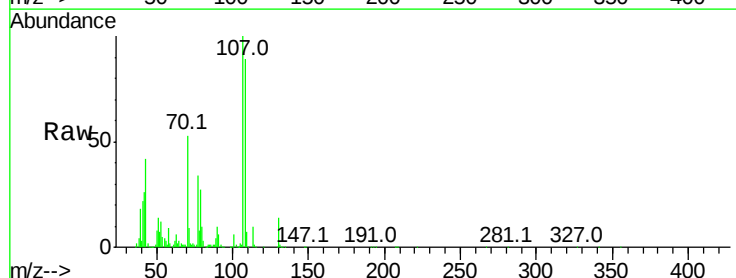
RT: 7.15 min Scan# 443

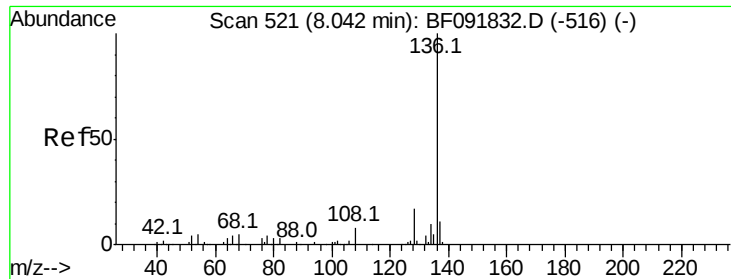
Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Tgt Ion:	107	Resp:	998761
Ion	Ratio	Lower	Upper
107	100		
108	88.7	73.0	113.0
77	34.3	71.3	111.3#
79	26.8	11.1	51.1



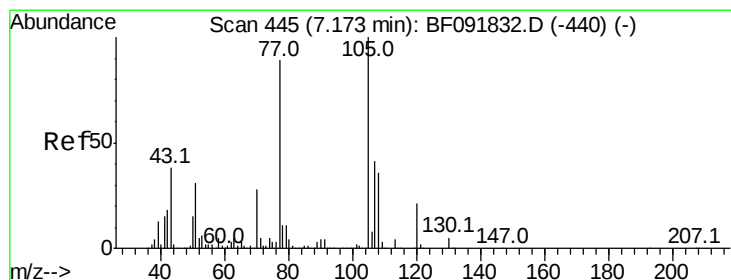
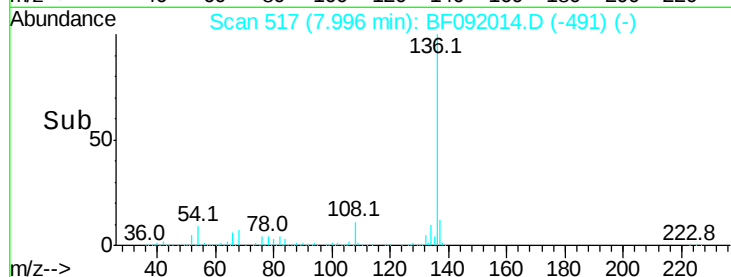
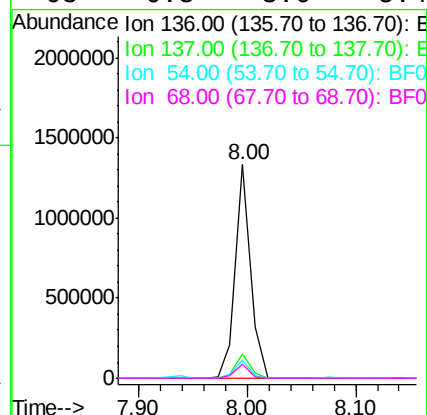
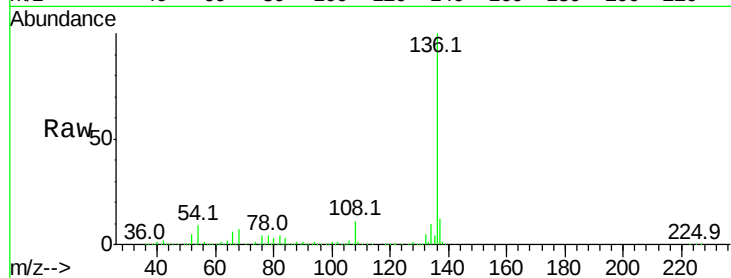


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:136 Resp: 1282073

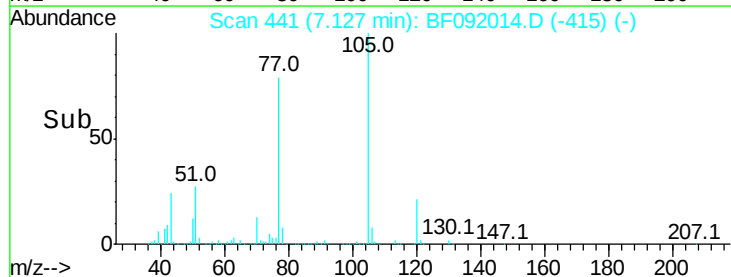
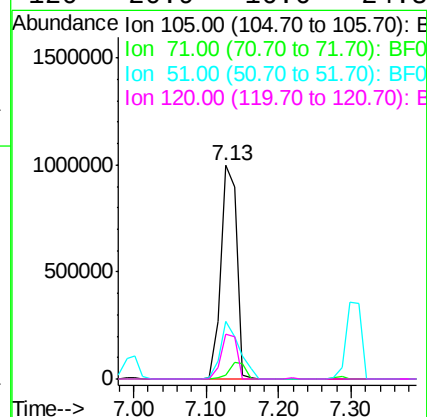
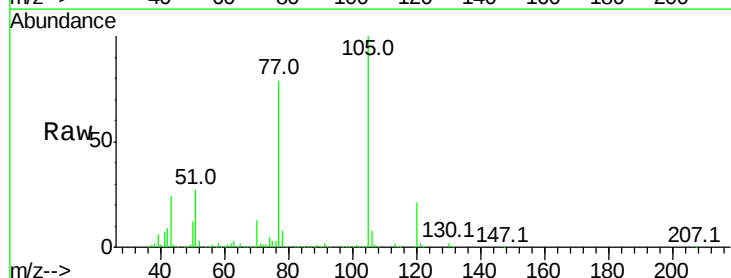
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	8.6	4.5	6.7#
68	6.8	3.6	5.4#

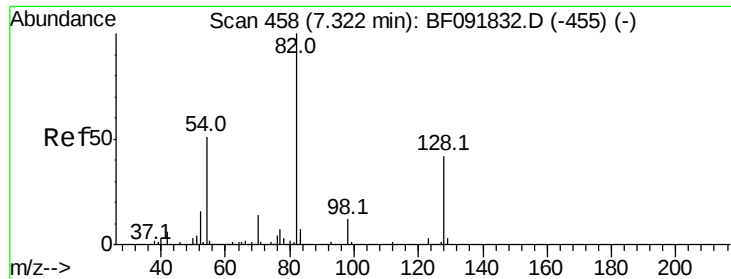


#22
Acetophenone
Concen: 47.78 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Tgt Ion:105 Resp: 1510895

Ion	Ratio	Lower	Upper
105	100		
71	2.1	3.2	4.8#
51	27.3	26.2	39.4
120	20.9	16.6	24.8

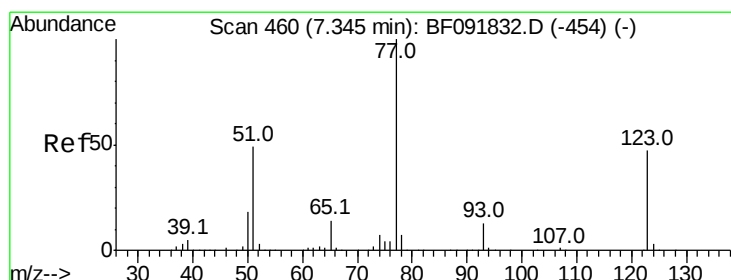
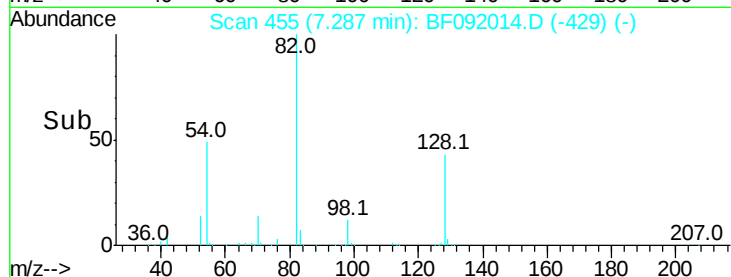
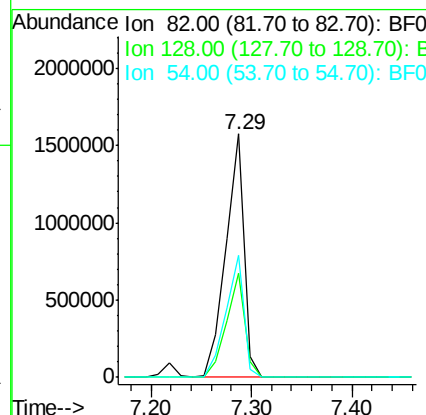
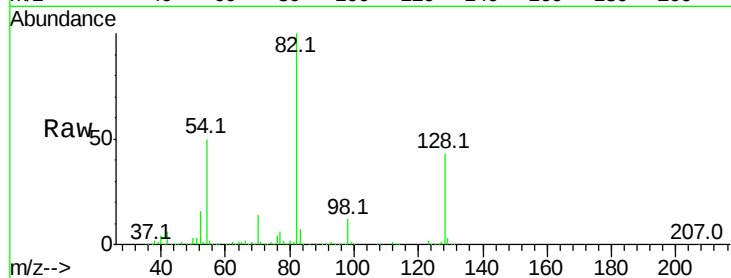




#23
 Nitrobenzene-d5
 Concen: 86.37 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

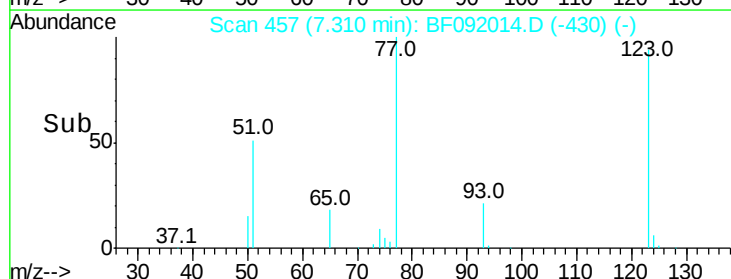
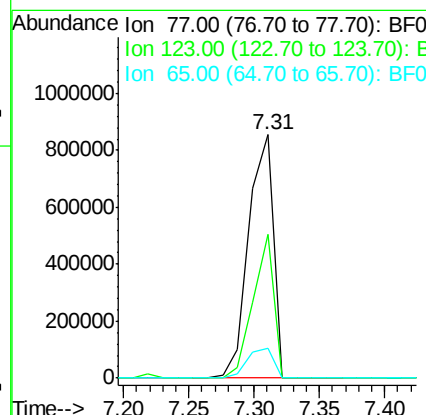
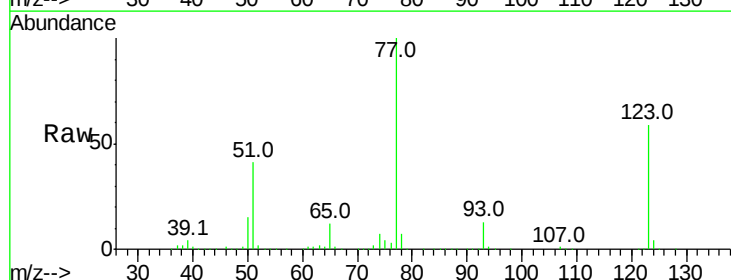
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

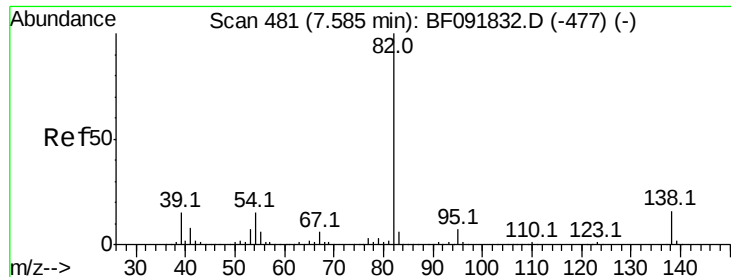
Tot Ion: 82 Resp: 1991314
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.6 52.0
 54 50.3 39.5 59.3



#24
 Nitrobenzene
 Concen: 45.68 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.01 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Tgt Ion: 77 Resp: 1121707
 Ion Ratio Lower Upper
 77 100
 123 59.1 33.0 49.4#
 65 12.5 11.2 16.8





#25

Isophorone

Concen: 42.71 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

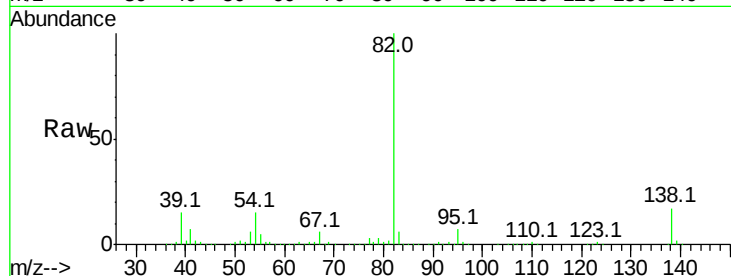
Tot Ion: 82 Resp: 1816893

Ion Ratio Lower Upper

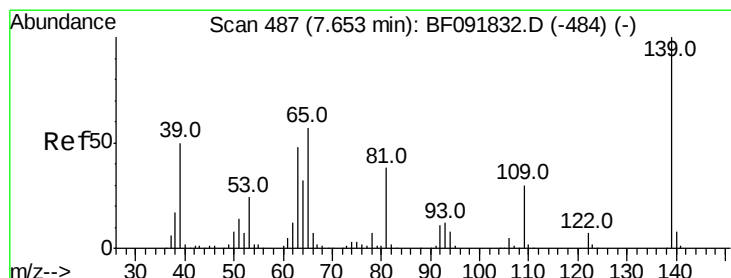
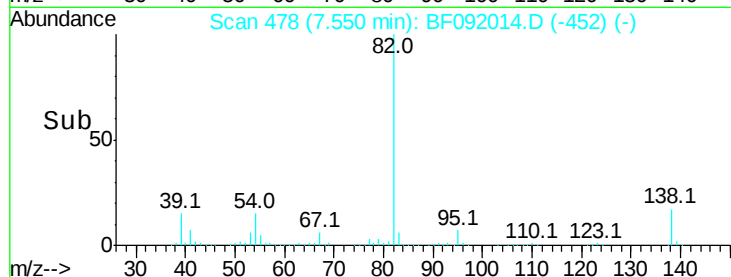
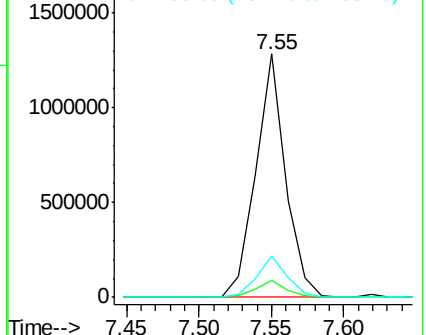
82 100

95 6.9 5.6 8.4

138 16.8 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: 41.94 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

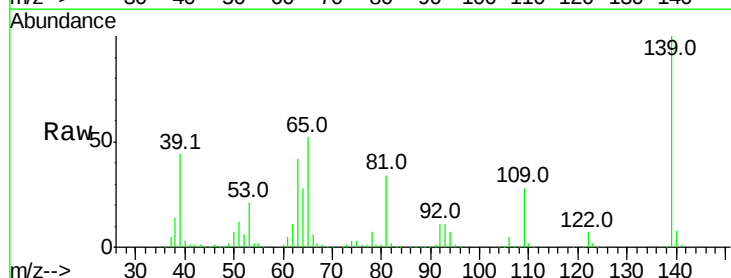
Tgt Ion:139 Resp: 507959

Ion Ratio Lower Upper

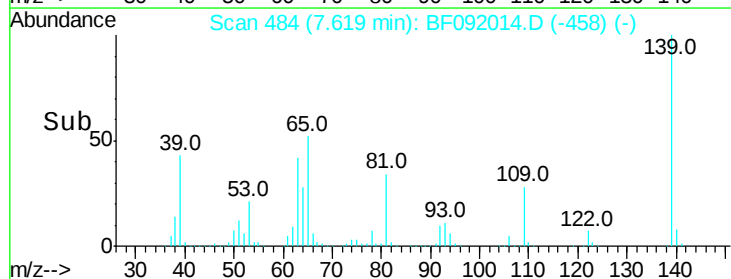
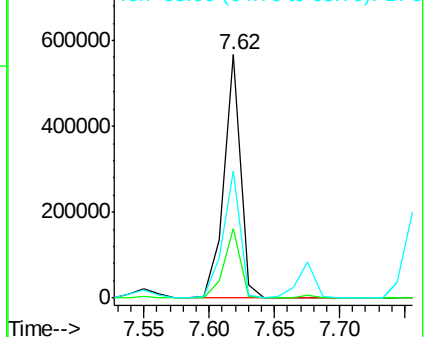
139 100

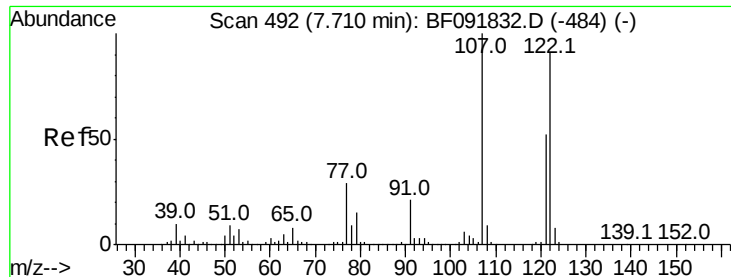
109 28.4 23.3 34.9

65 52.1 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: 37.64 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

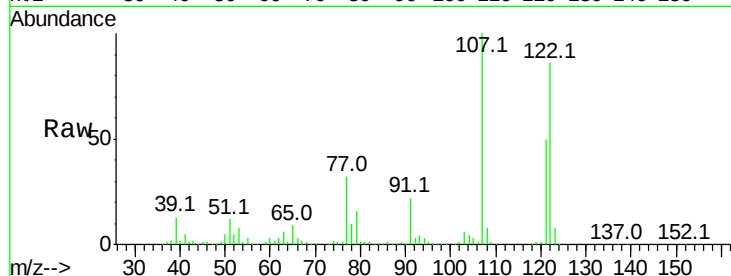
Tot Ion:122 Resp: 756002

Ion Ratio Lower Upper

122 100

107 115.7 94.1 141.1

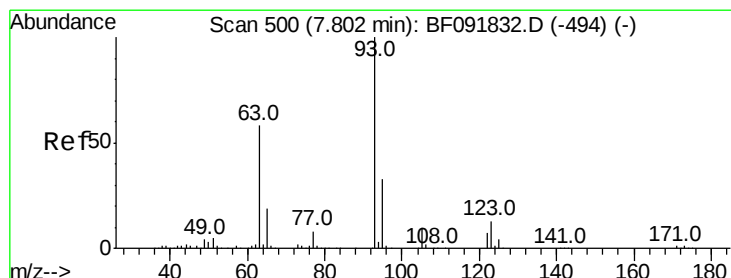
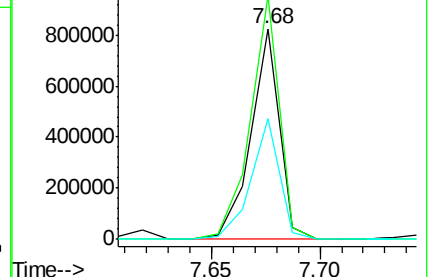
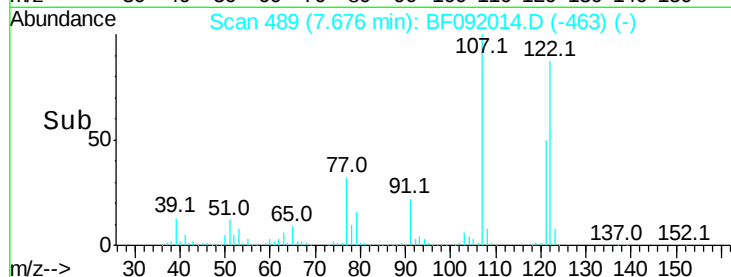
121 57.5 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.01 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

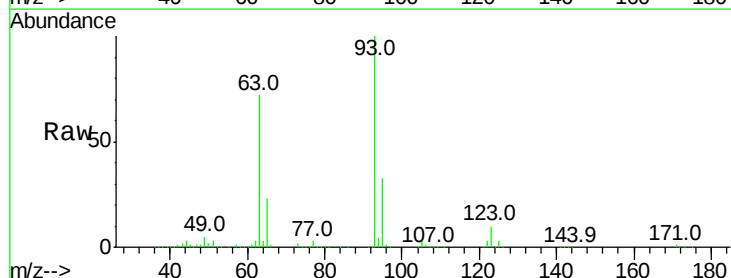
Tgt Ion: 93 Resp: 1006393

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

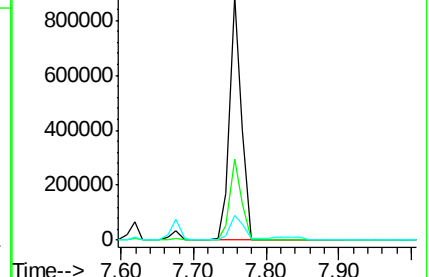
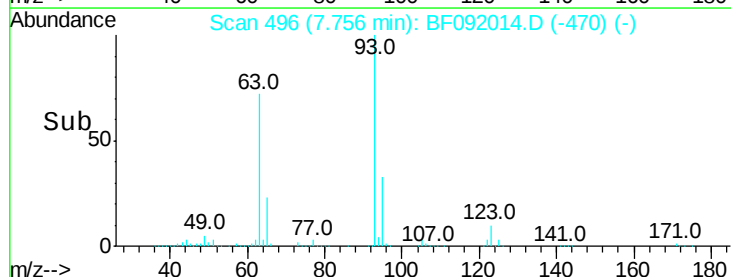
123 10.2 8.6 13.0

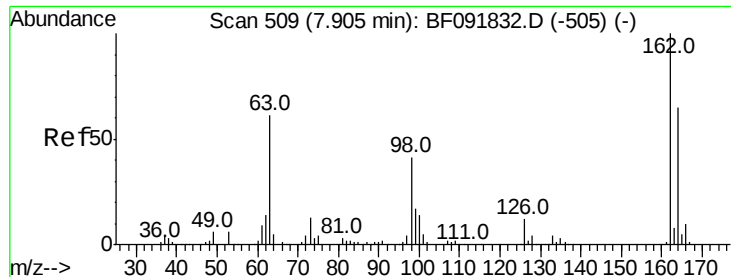


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

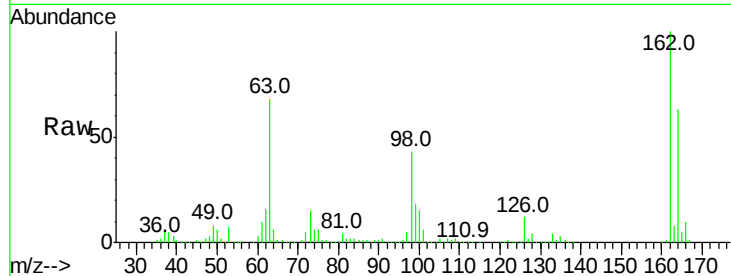




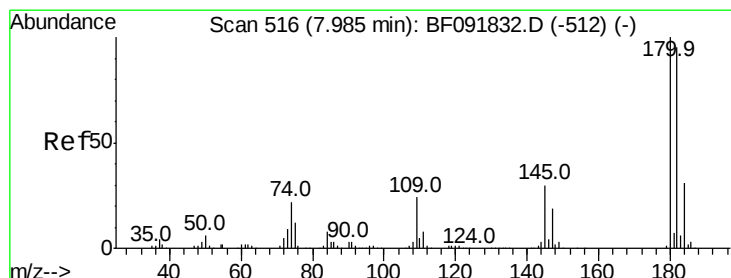
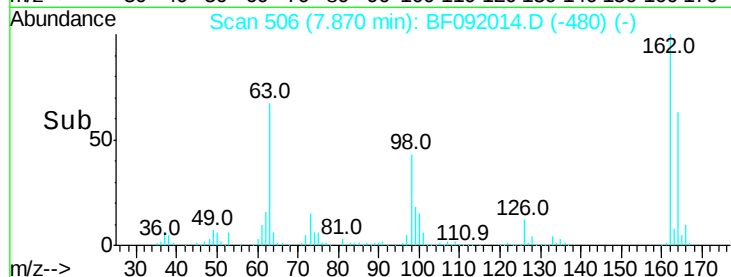
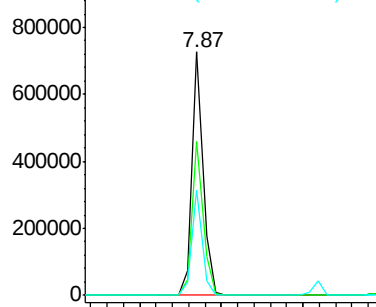
#29
 2,4-Dichlorophenol
 Concen: 40.07 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	46.8	86.8
98	43.4	9.1	49.1

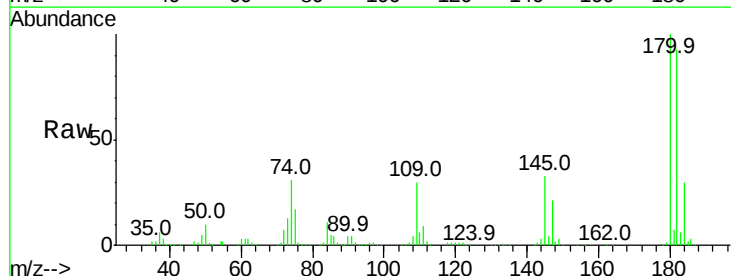


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

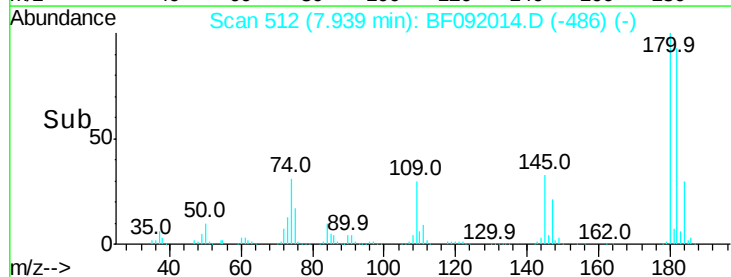
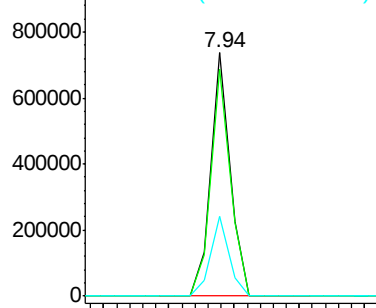


#30
 1,2,4-Trichlorobenzene
 Concen: 40.53 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	78.2	117.4
145	32.8	21.6	32.4#



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





#31

Naphthalene

Concen: 38.68 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

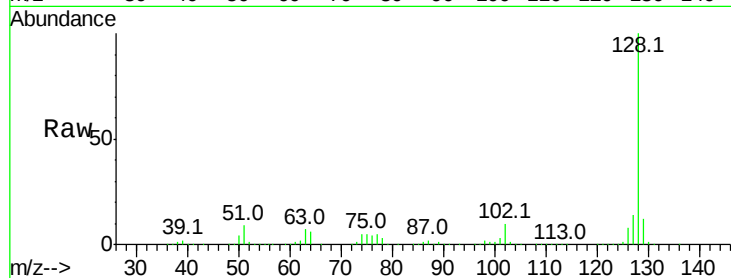
Tot Ion:128 Resp: 2269612

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

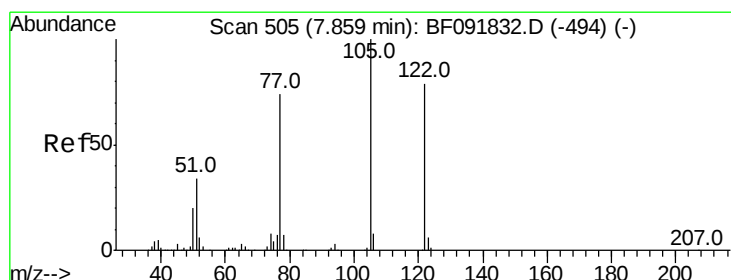
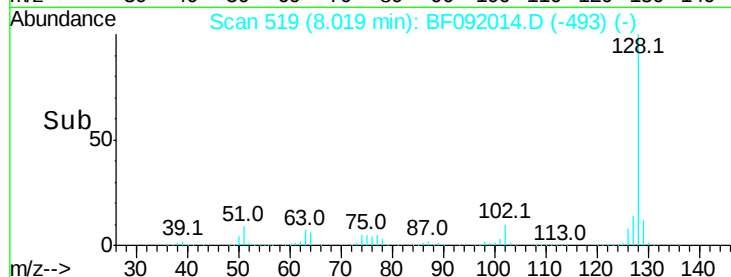
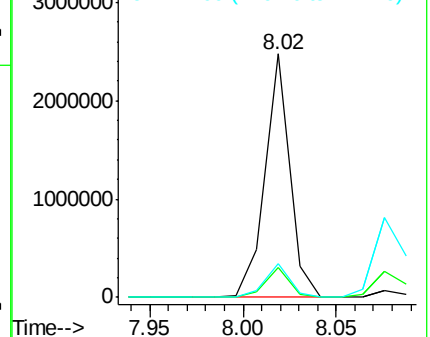
127 14.0 10.8 16.2



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: 39.49 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

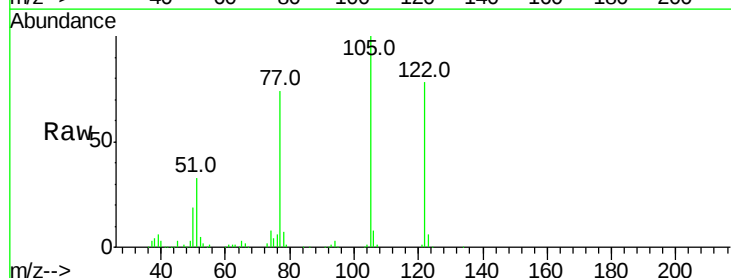
Tgt Ion:122 Resp: 588368

Ion Ratio Lower Upper

122 100

105 128.9 107.2 147.2

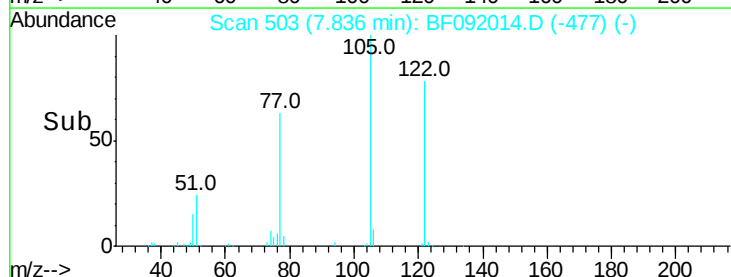
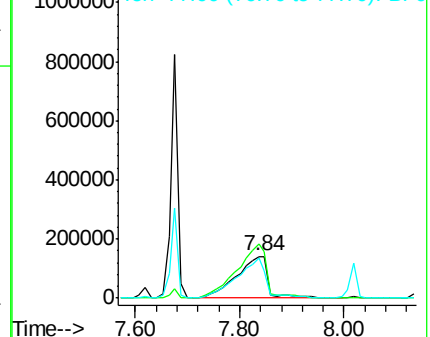
77 94.8 74.5 114.5

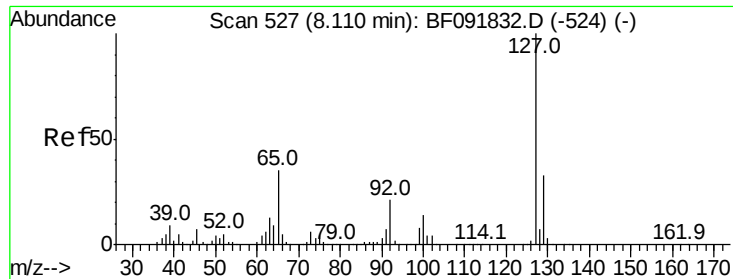


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

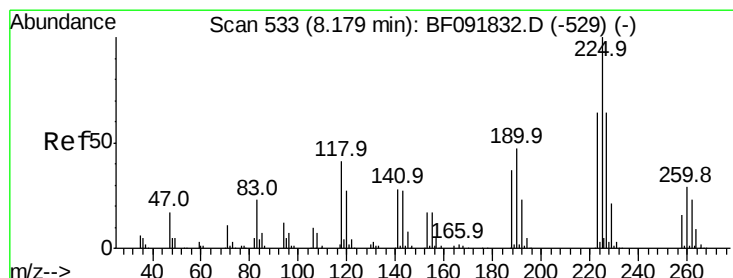
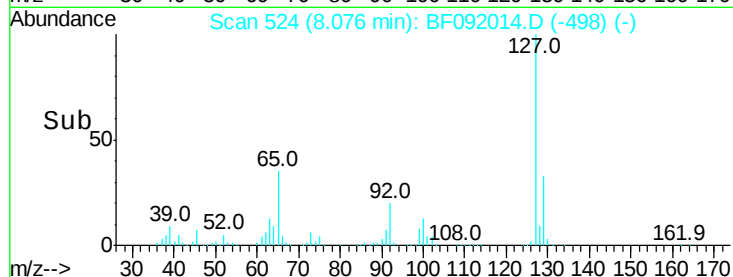
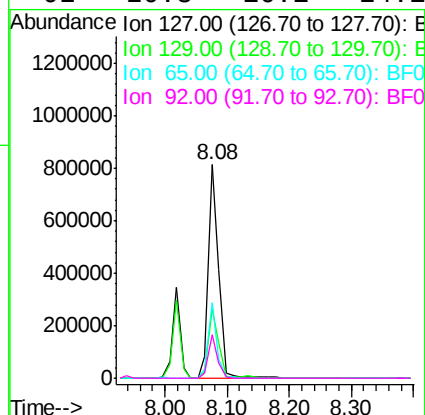
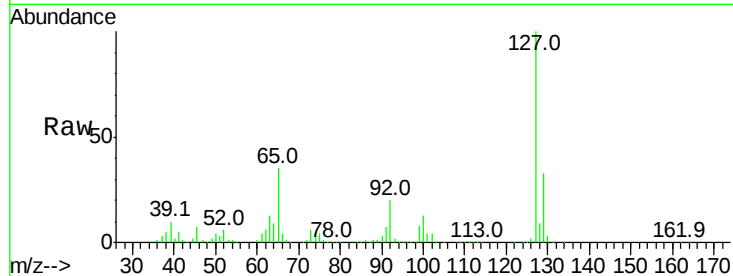




#33
4-Chloroaniline
Concen: 35.85 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

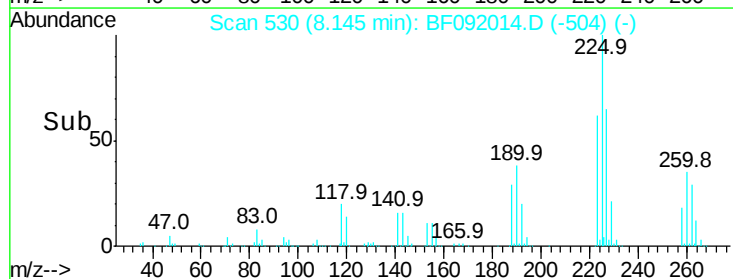
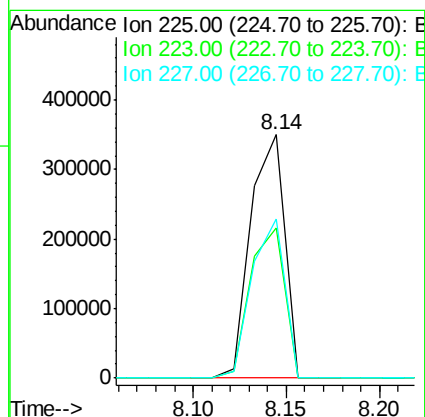
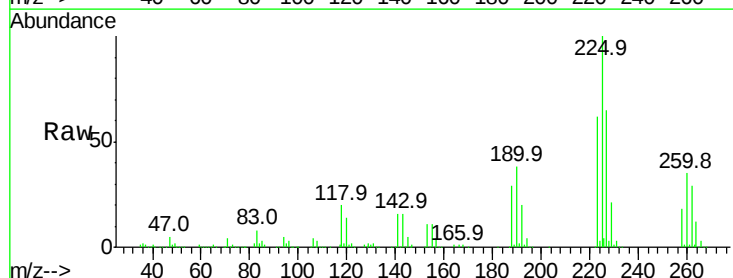
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

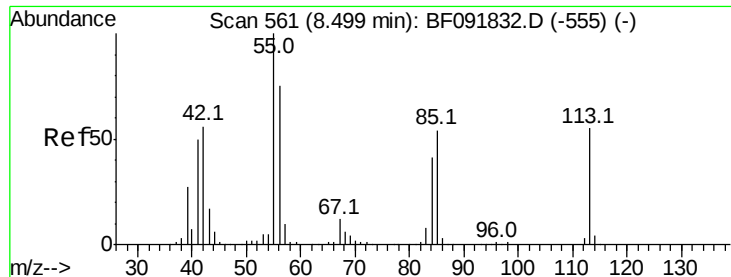
Tot Ion:	127	Resp:	948462
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	35.1	25.8	38.8
92	20.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.79 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Tgt Ion:	225	Resp:	440681
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.0	76.6
227	65.5	50.6	76.0

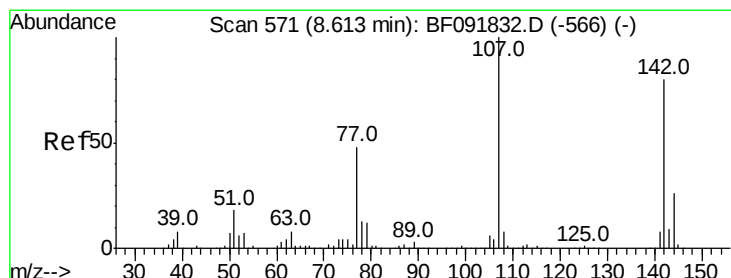
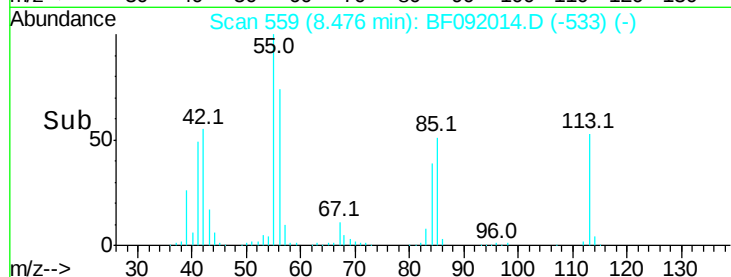
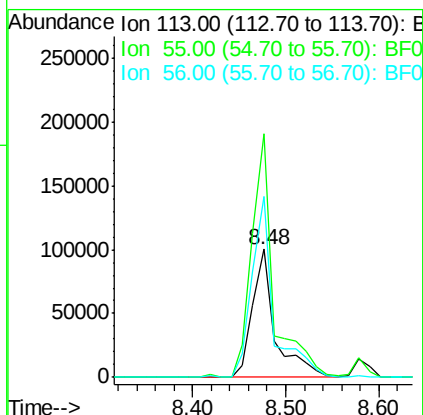
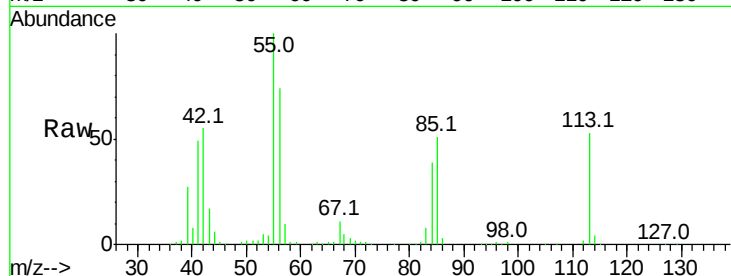




#35
 Caprolactam
 Concen: 30.38 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

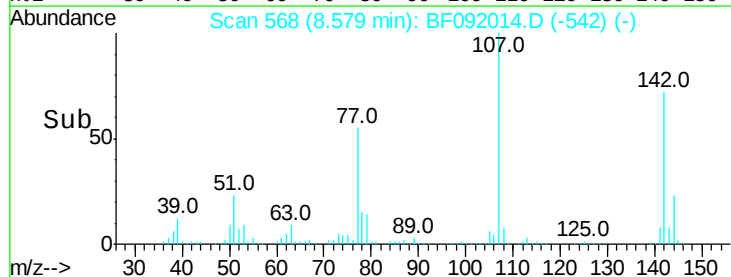
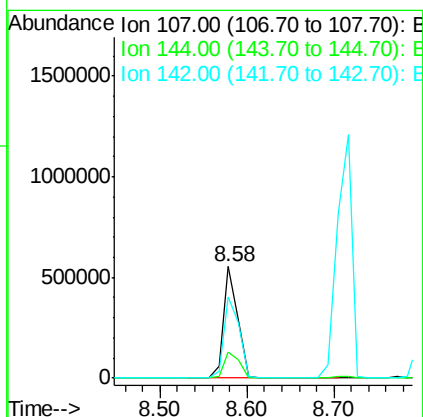
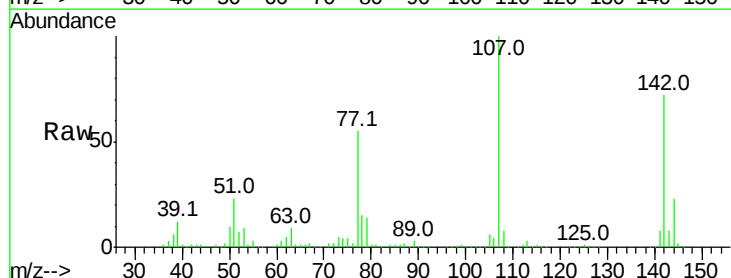
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

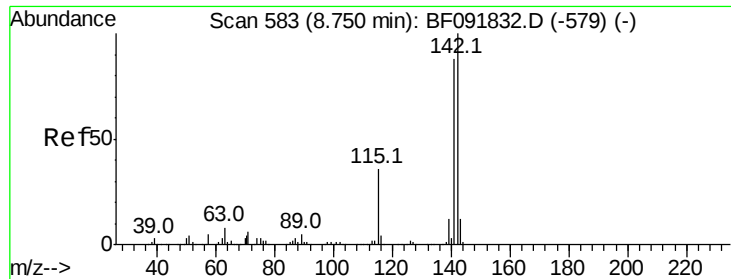
Tot Ion:113 Resp: 169771
 Ion Ratio Lower Upper
 113 100
 55 190.4 119.2 159.2#
 56 141.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 32.10 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Tgt Ion:107 Resp: 628254
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.3 28.9
 142 72.1 59.0 88.6

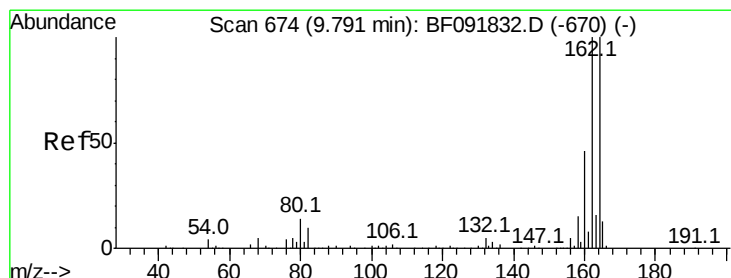
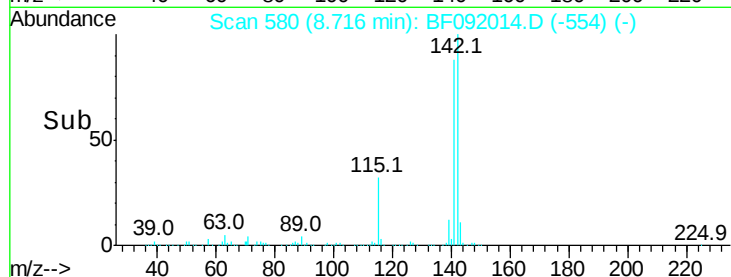
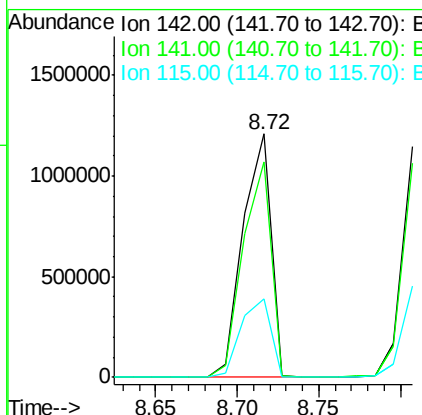
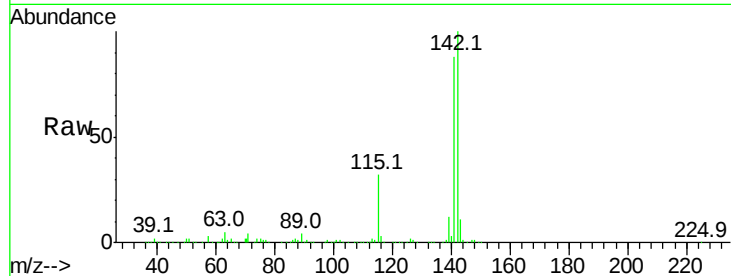




#37
2-Methylnaphthalene
Concen: 38.50 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

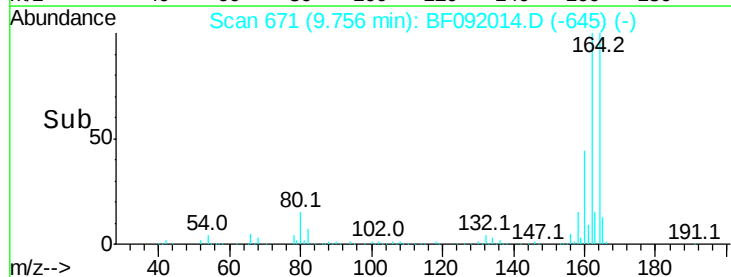
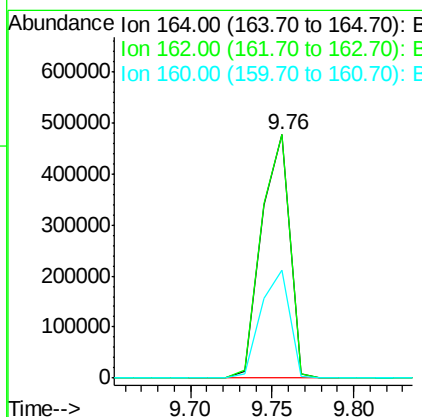
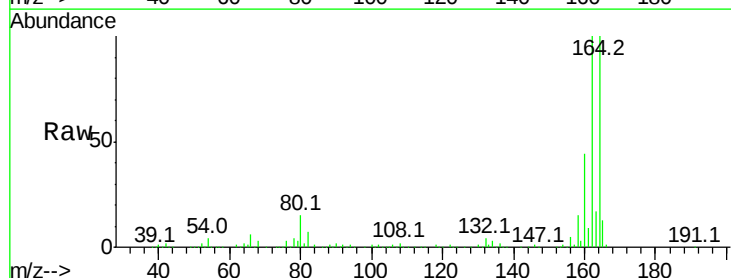
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

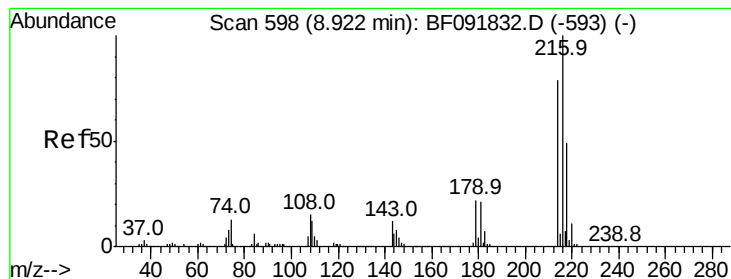
Tot Ion:142 Resp: 1441035
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 32.0 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Tgt Ion:164 Resp: 574149
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 44.6 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.98 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 550946

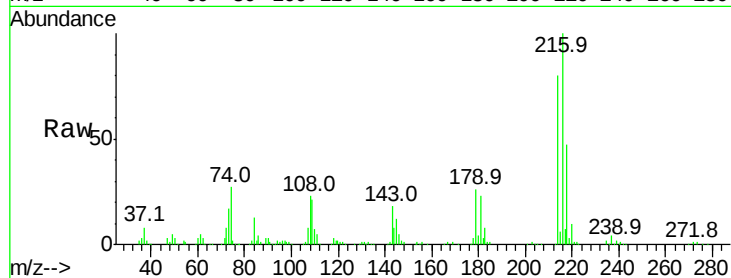
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 23.1 17.4 26.2

108 20.9 15.6 23.4

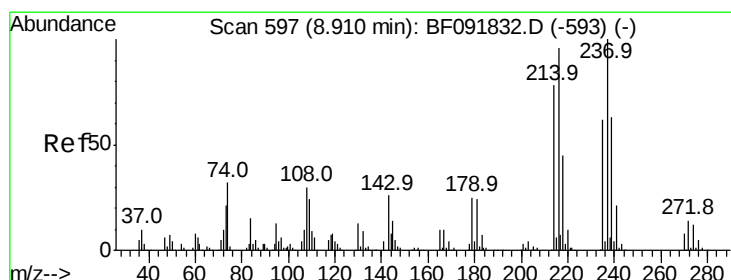
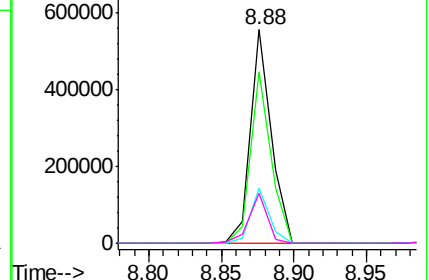
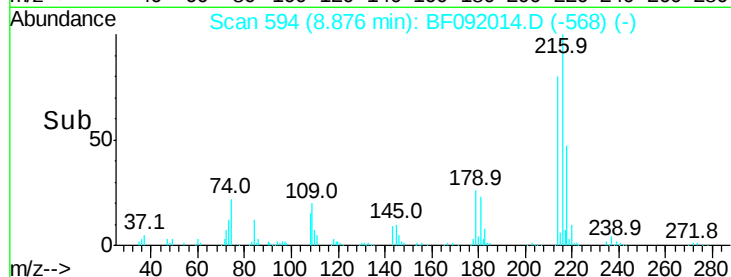


Abundance Ion 216.00 (215.70 to 216.70): E

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: 29.88 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

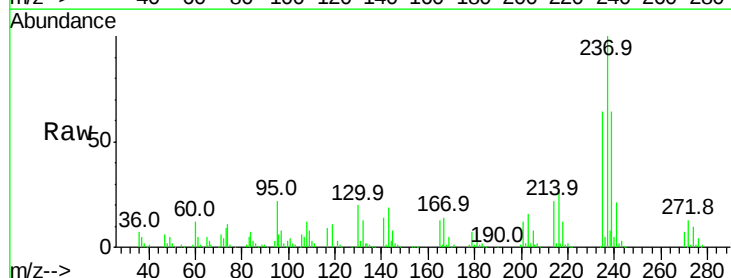
Tgt Ion:237 Resp: 176056

Ion Ratio Lower Upper

237 100

235 64.1 41.2 81.2

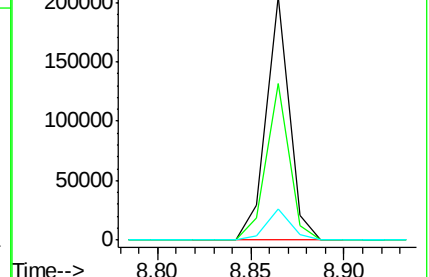
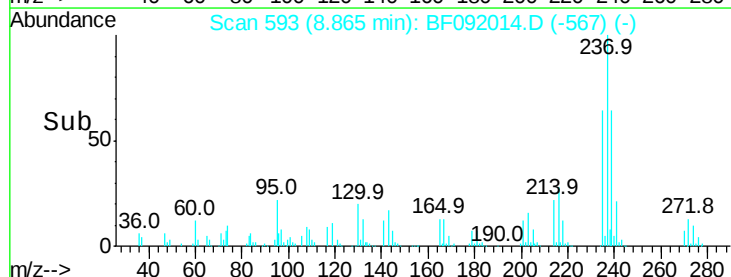
272 12.8 0.0 35.4

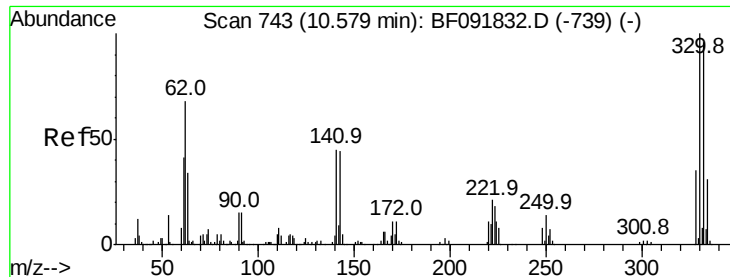


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

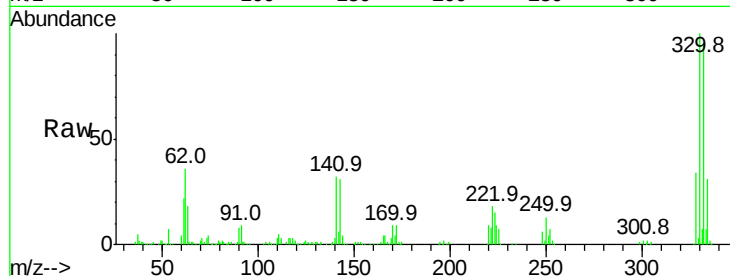




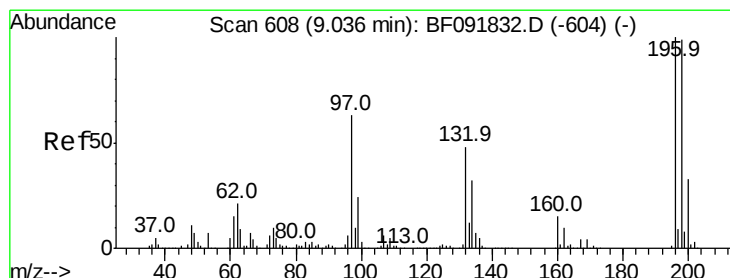
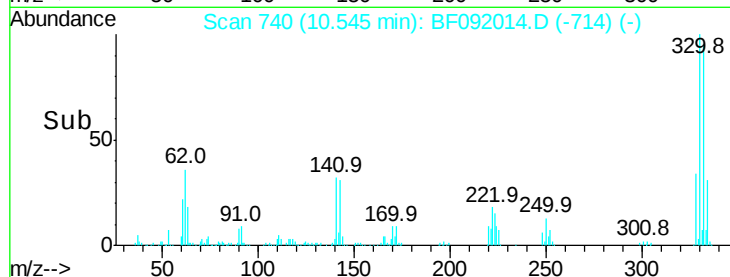
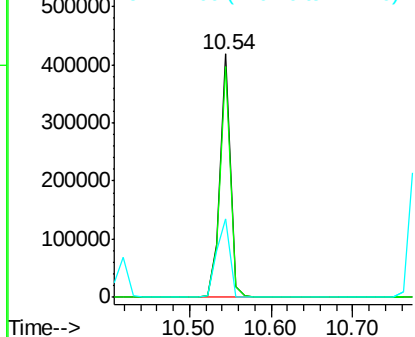
#41
 2,4,6-Tribromophenol
 Concen: 77.96 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 370413
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.2
 141 40.9 34.1 51.1

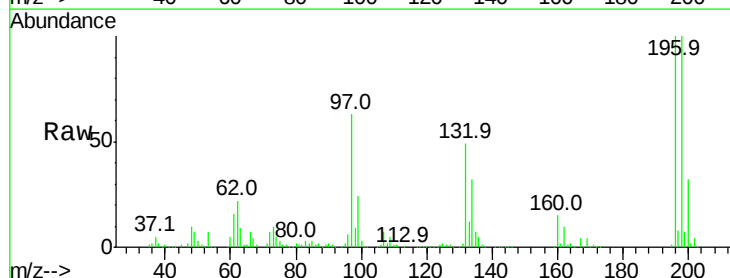


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

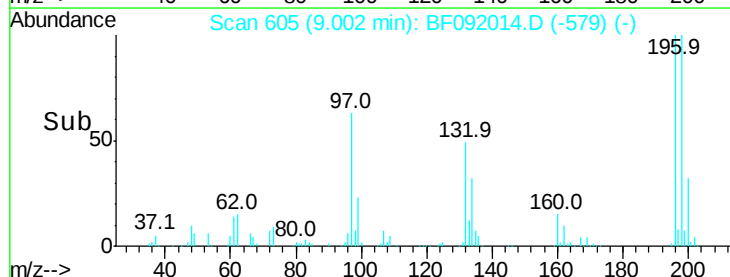
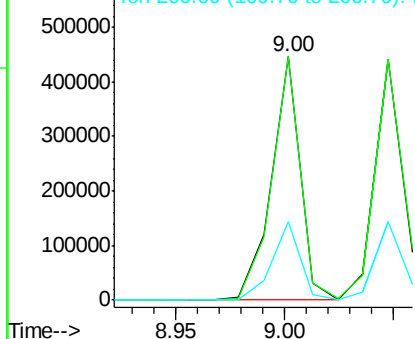


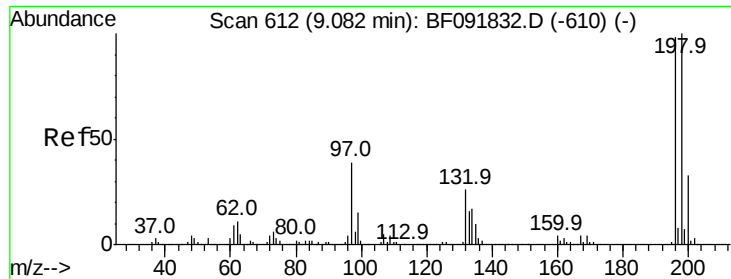
#42
 2,4,6-Trichlorophenol
 Concen: 40.85 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Tgt Ion:196 Resp: 414450
 Ion Ratio Lower Upper
 196 100
 198 100.0 82.1 123.1
 200 32.3 27.0 40.4



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

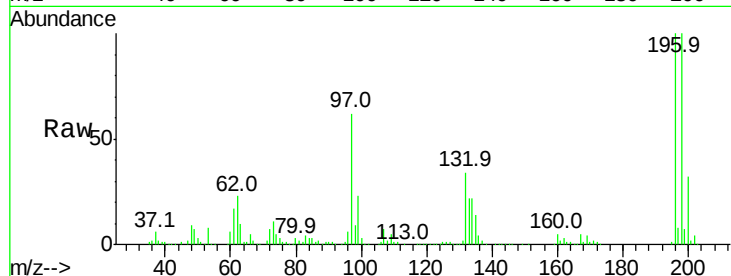




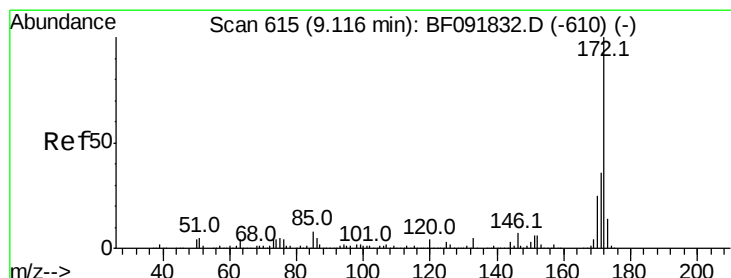
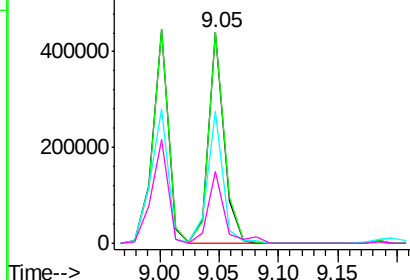
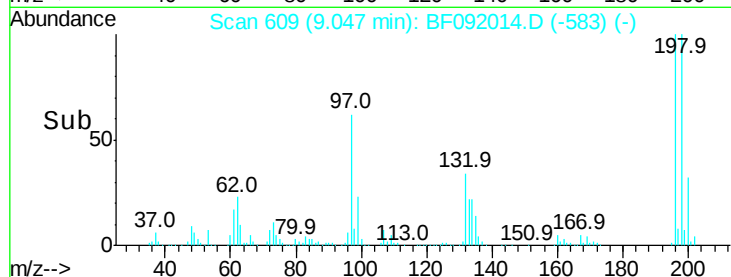
#43
 2,4,5-Trichlorophenol
 Concen: 38.45 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	196	Resp:	401397
Ion	Ratio	Lower	Upper
196	100		
198	100.3	79.4	119.2
97	62.7	51.5	77.3
132	33.8	27.4	41.2

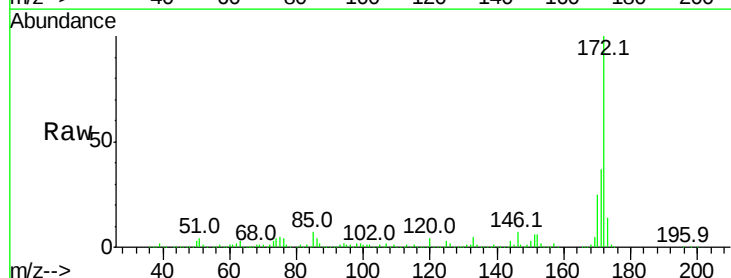


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

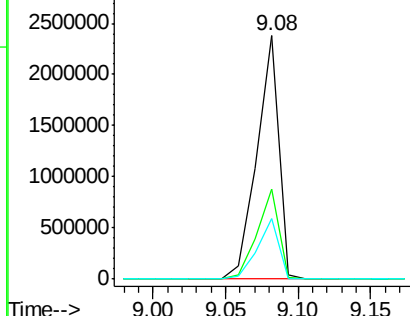
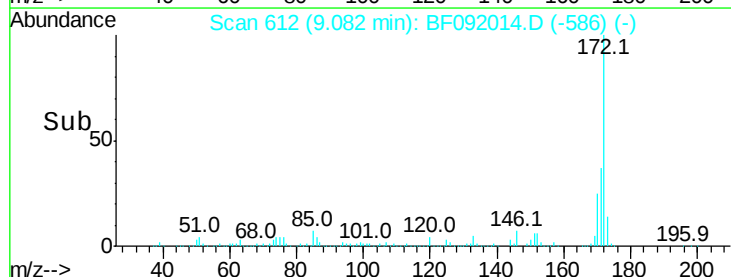


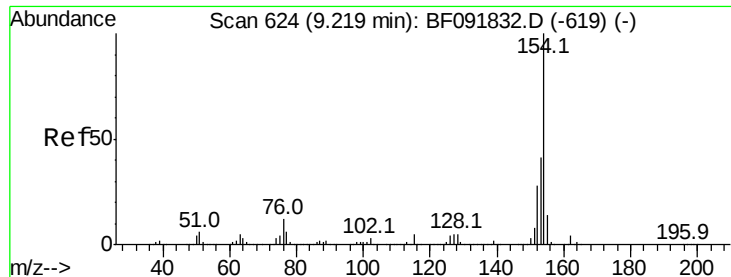
#44
 2-Fluorobiphenyl
 Concen: 89.82 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Tgt Ion:	172	Resp:	2496349
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.0	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

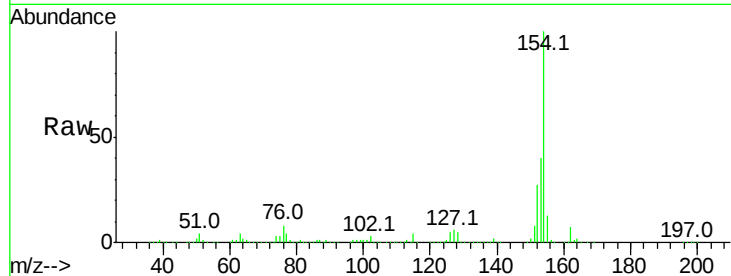




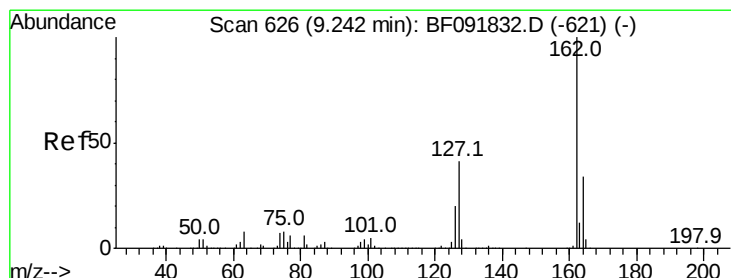
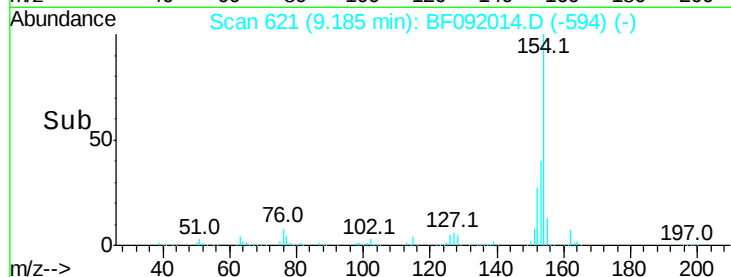
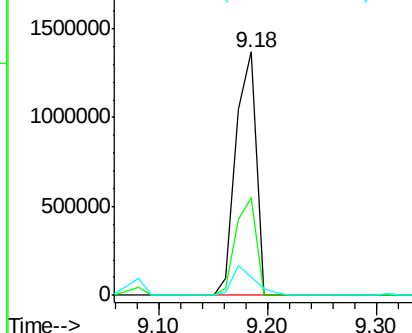
#45
 1,1'-Biphenyl
 Concen: 43.95 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:154 Resp: 1727893
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.9 60.9
 76 7.6 0.0 30.5

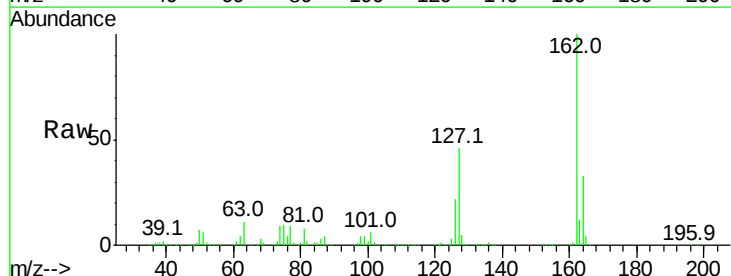


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

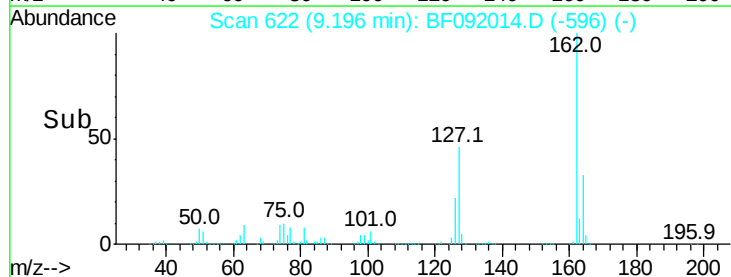
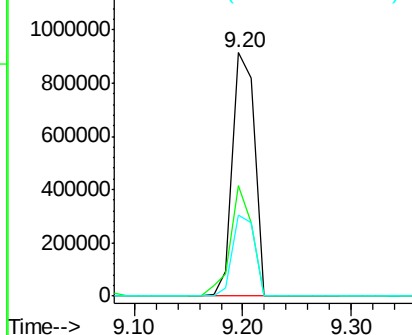


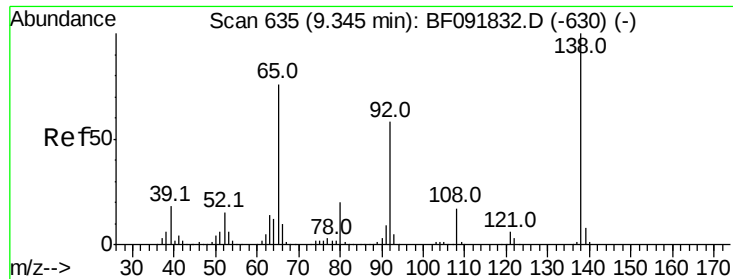
#46
 2-Chloronaphthalene
 Concen: 40.39 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Tgt Ion:162 Resp: 1257338
 Ion Ratio Lower Upper
 162 100
 127 45.6 30.7 46.1
 164 33.0 27.6 41.4



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

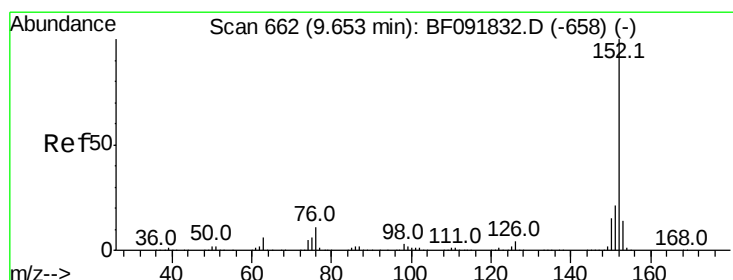
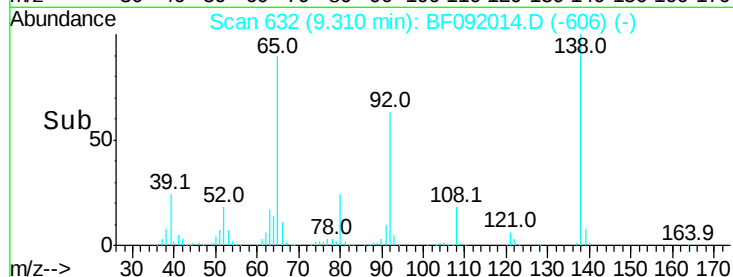
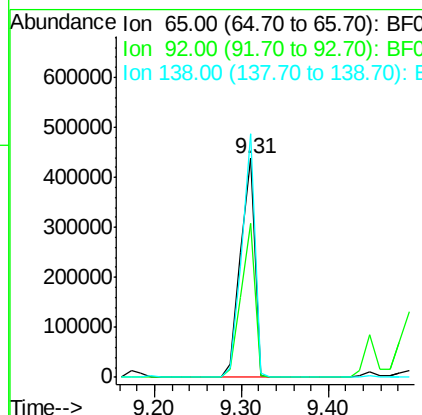
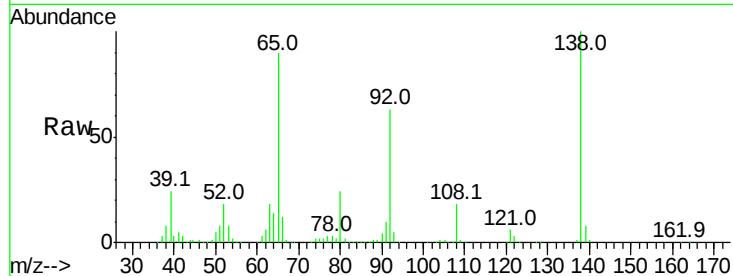




#47
2-Nitroaniline
Concen: 44.90 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

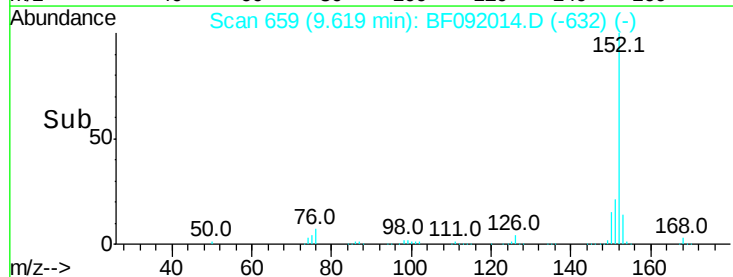
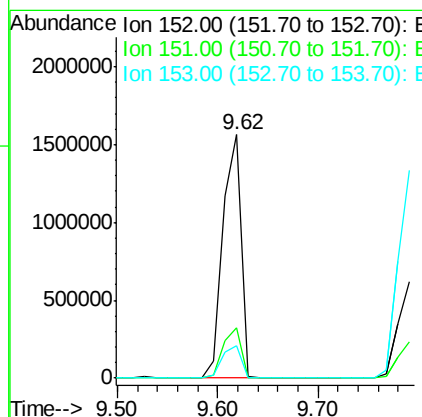
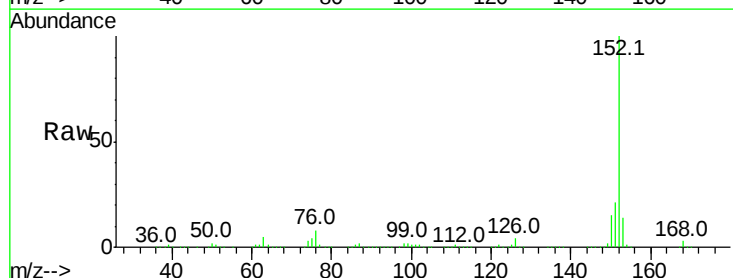
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

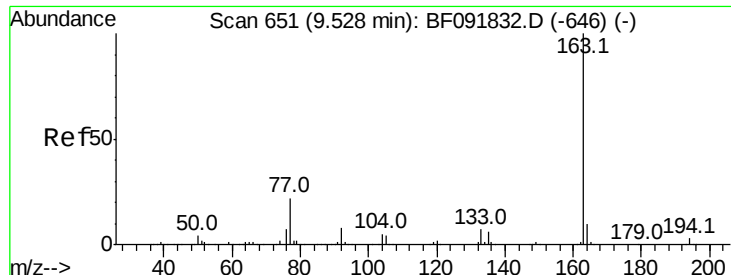
Tot Ion: 65 Resp: 497655
Ion Ratio Lower Upper
65 100
92 70.1 53.9 80.9
138 111.1 76.8 115.2



#48
Acenaphthylene
Concen: 40.99 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Tgt Ion: 152 Resp: 1962401
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 13.5 11.4 17.2





#49

Dimethylphthalate

Concen: 40.98 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

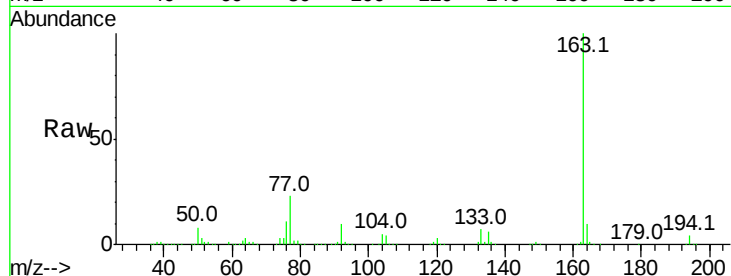
Tot Ion:163 Resp: 1504832

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

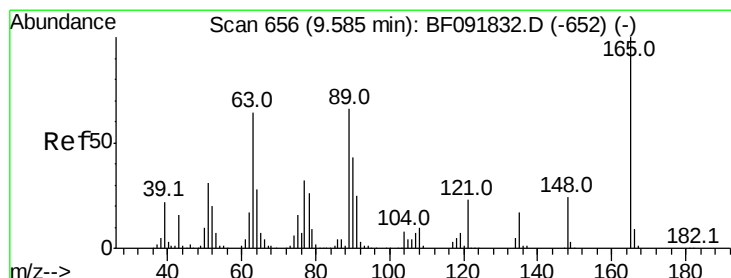
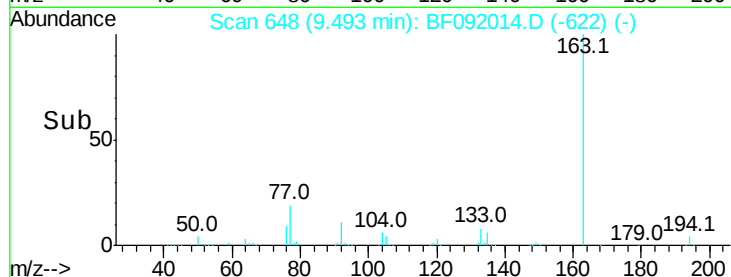
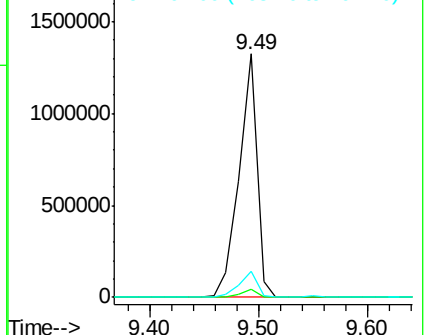
164 10.4 8.0 12.0



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: 36.92 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

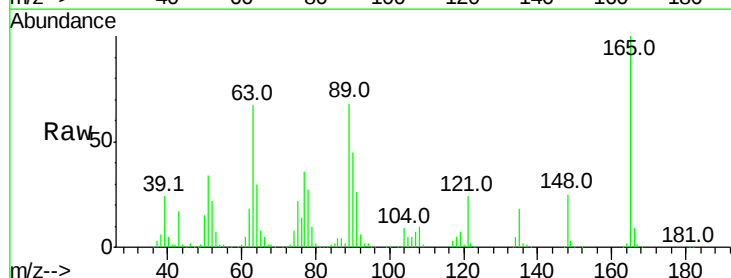
Tgt Ion:165 Resp: 296777

Ion Ratio Lower Upper

165 100

63 67.1 36.2 54.4#

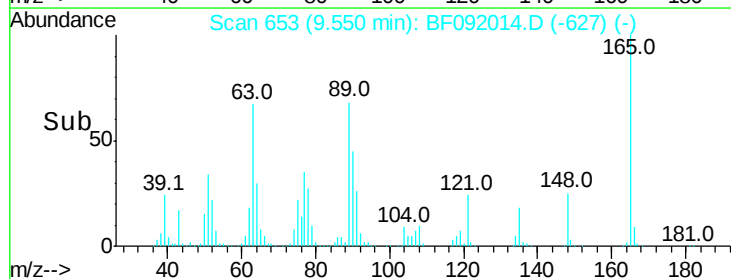
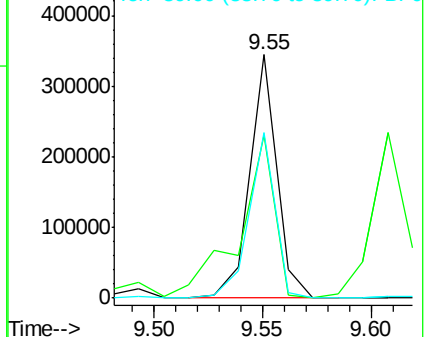
89 68.1 40.2 60.4#

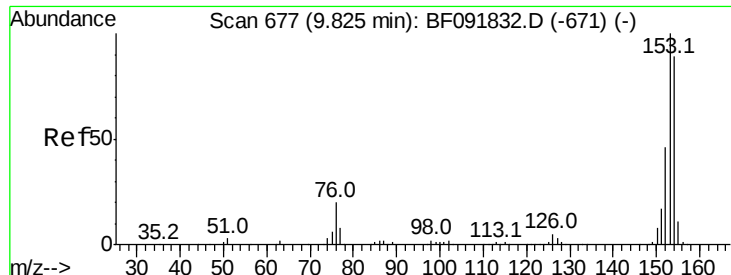


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

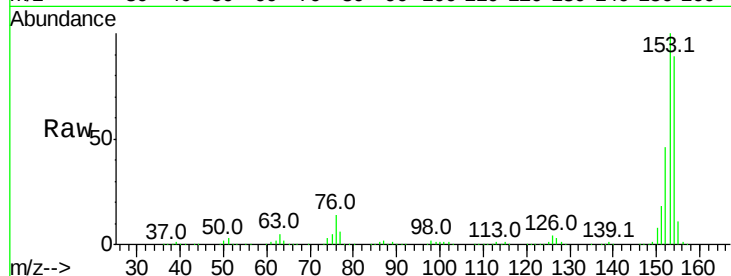




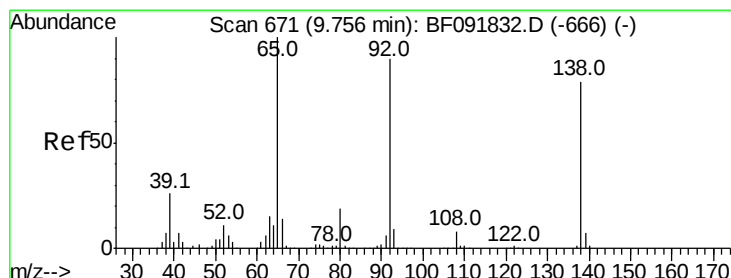
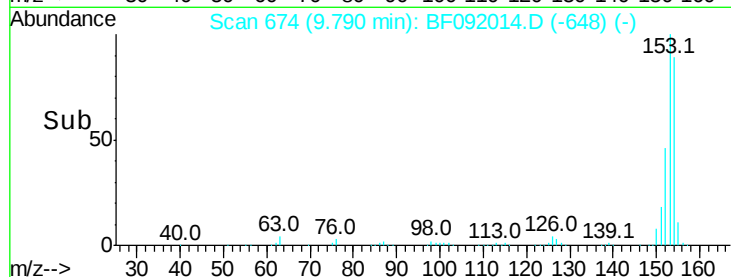
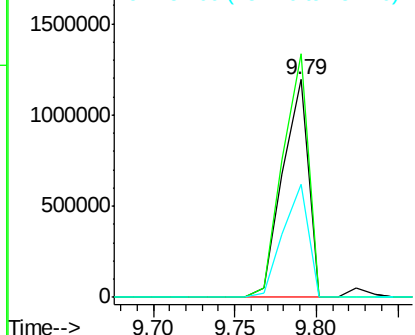
#51
Acenaphthene
Concen: 40.70 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:154 Resp: 1321192
Ion Ratio Lower Upper
154 100
153 111.8 88.6 133.0
152 52.0 41.6 62.4

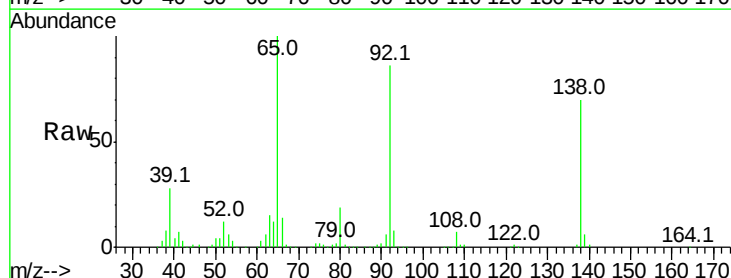


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

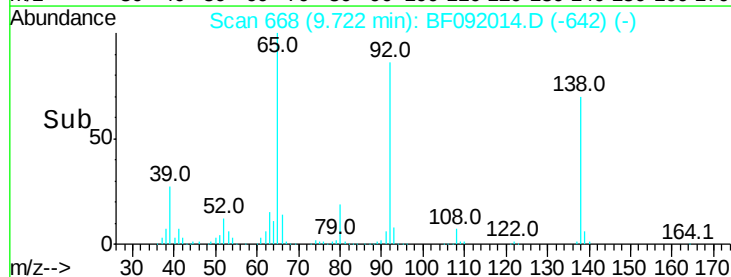
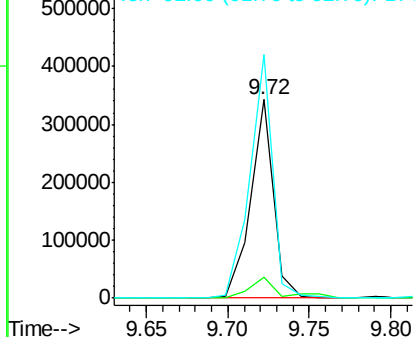


#52
3-Nitroaniline
Concen: 33.53 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Tgt Ion:138 Resp: 333553
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 122.8 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

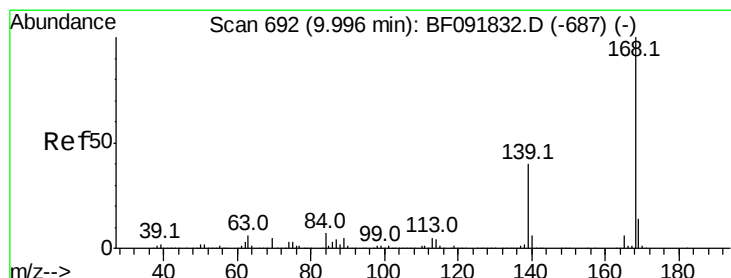
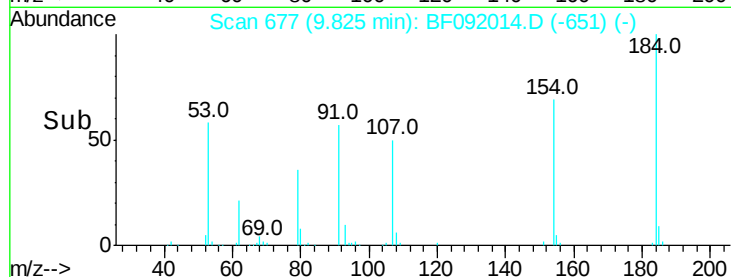
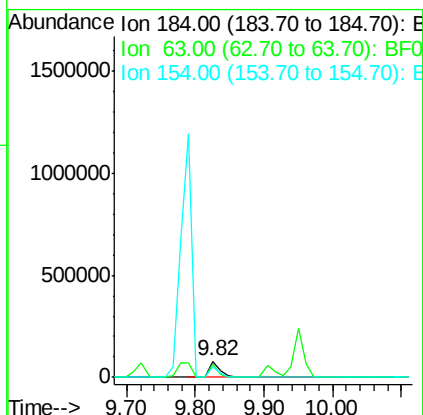
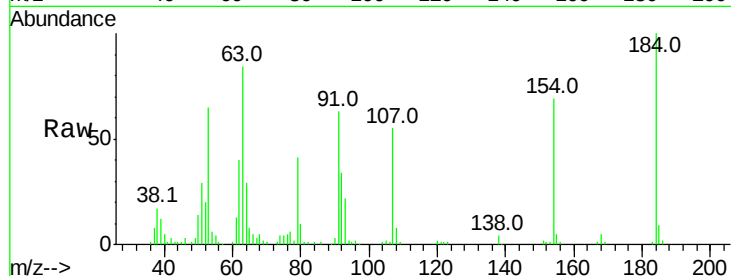




#53
2,4-Dinitrophenol
Concen: 21.87 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

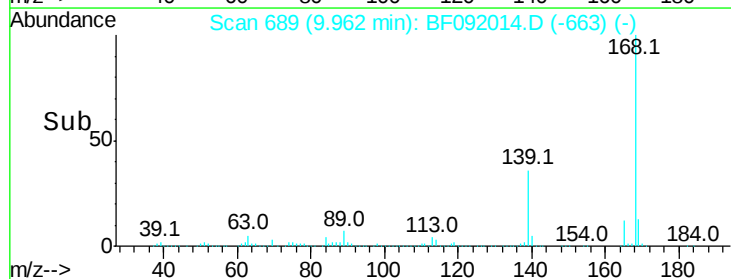
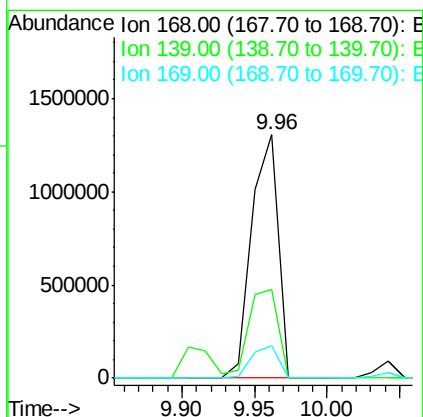
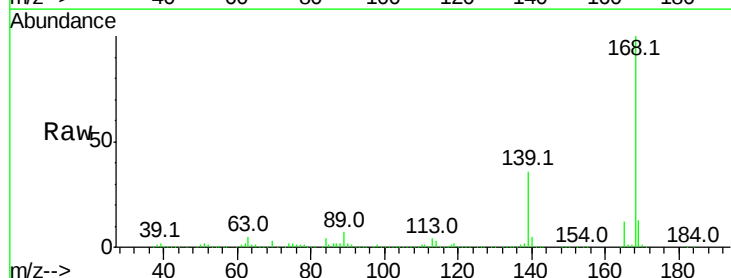
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

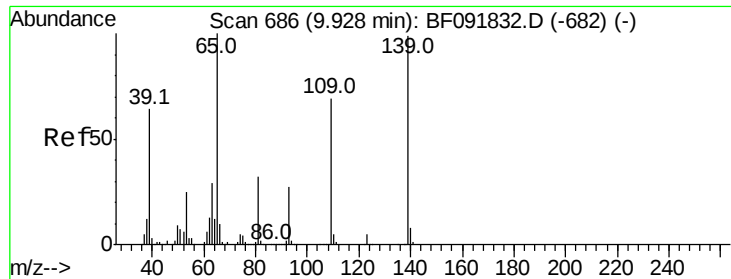
Tot Ion:184 Resp: 97810
Ion Ratio Lower Upper
184 100
63 83.7 28.4 42.6#
154 69.4 44.3 66.5#



#54
Dibenzofuran
Concen: 37.61 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Tgt Ion:168 Resp: 1648629
Ion Ratio Lower Upper
168 100
139 36.4 32.6 49.0
169 13.3 11.3 16.9

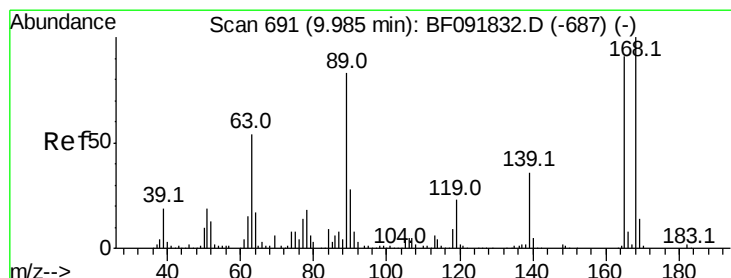
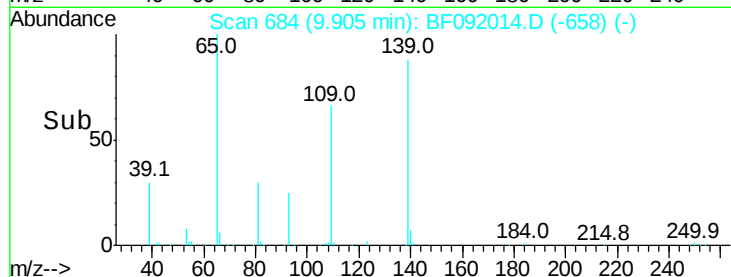
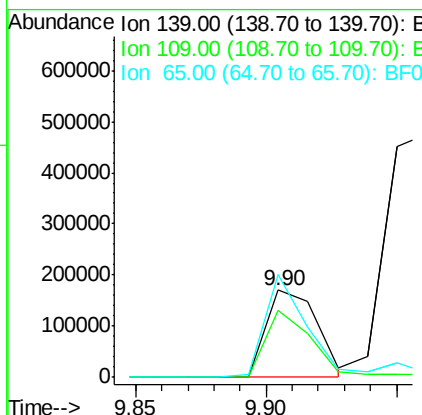
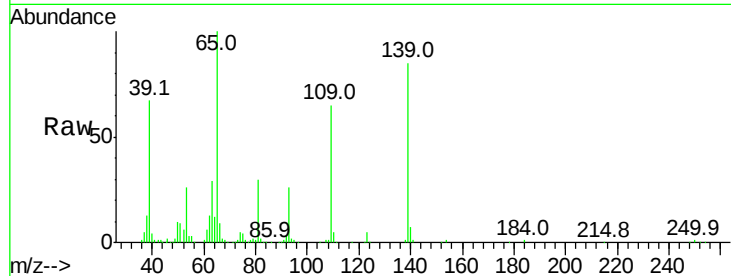




#55
4-Nitrophenol
Concen: 34.53 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

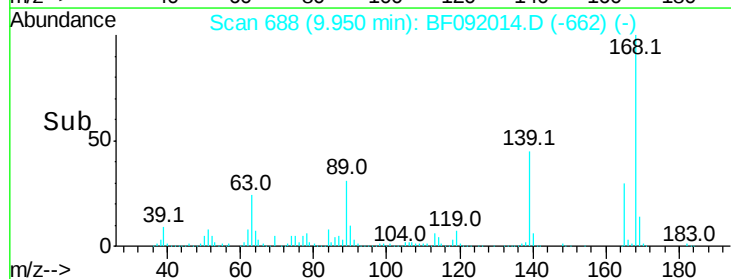
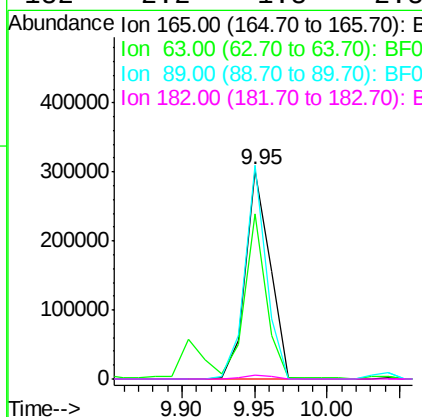
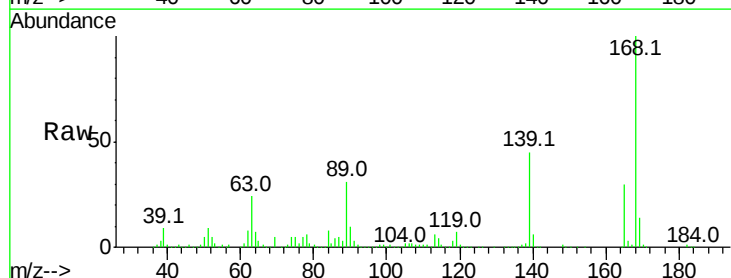
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

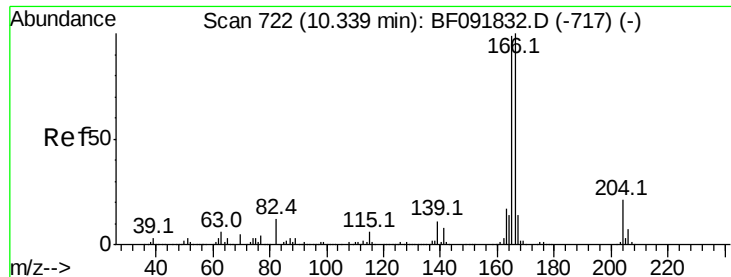
Tot Ion:139 Resp: 233236
Ion Ratio Lower Upper
139 100
109 76.8 52.2 92.2
65 118.1 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 35.19 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Tgt Ion:165 Resp: 355046
Ion Ratio Lower Upper
165 100
63 79.1 40.2 60.4#
89 102.3 62.5 93.7#
182 2.2 1.8 2.8

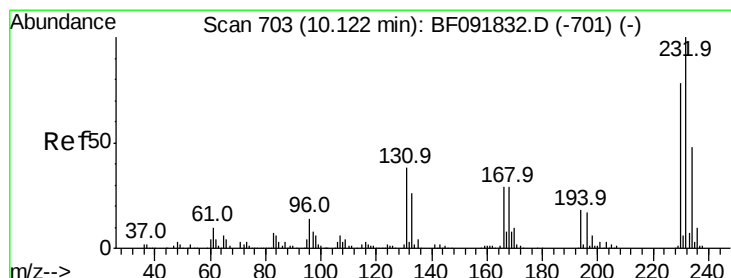
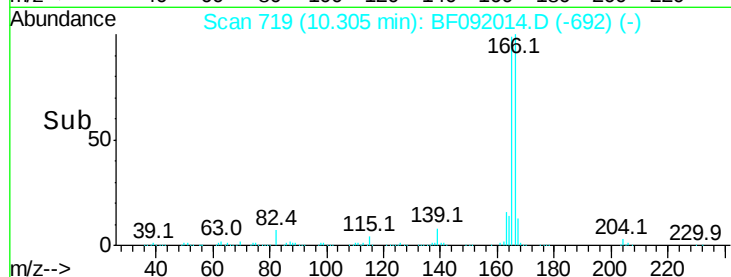
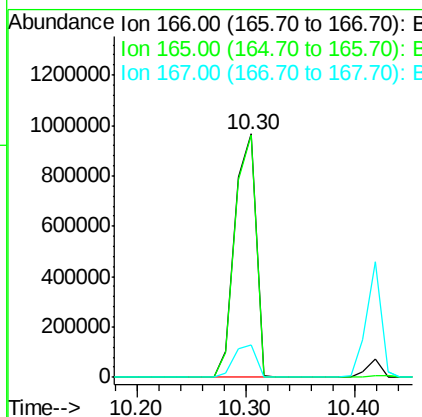
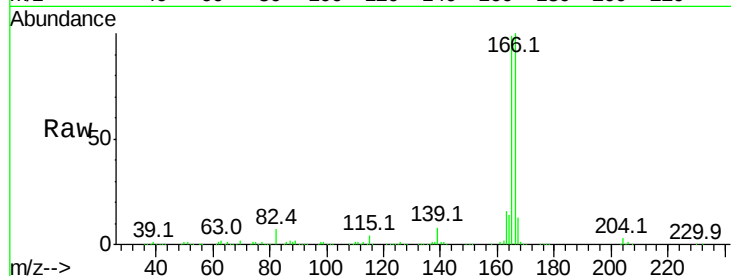




#57
 Fluorene
 Concen: 40.26 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

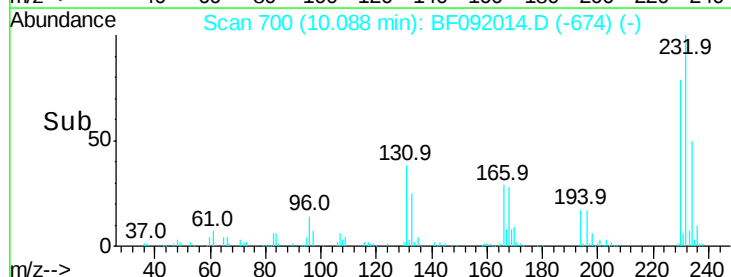
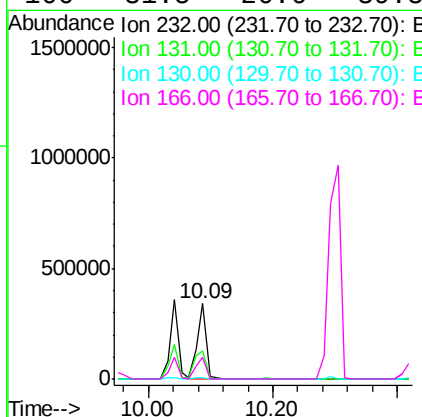
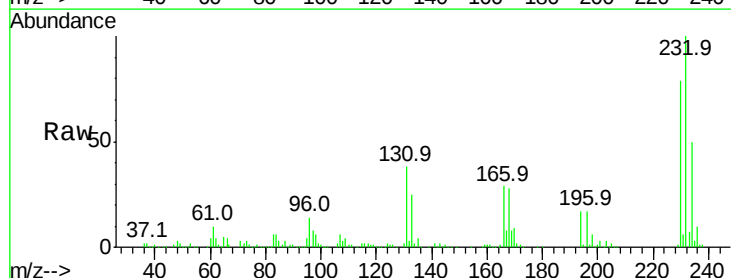
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

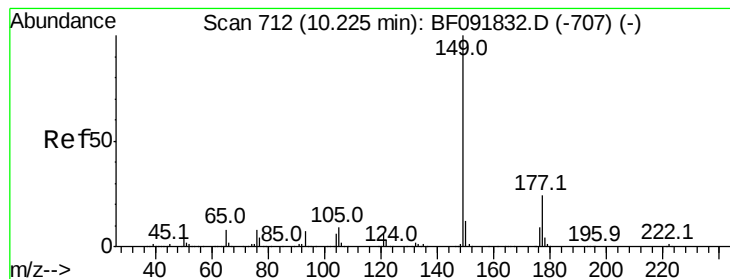
Tot Ion:166 Resp: 1283929
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.8 116.8
 167 13.1 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.65 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Tgt Ion:232 Resp: 343886
 Ion Ratio Lower Upper
 232 100
 131 47.1 40.1 60.1
 130 2.2 1.8 2.8
 166 31.5 26.6 39.8





#59

Diethylphthalate

Concen: 43.50 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

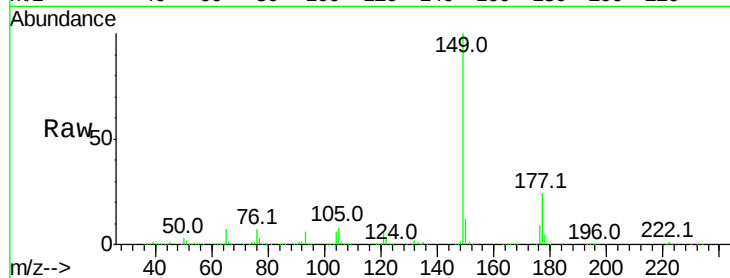
Tot Ion:149 Resp: 1551226

Ion Ratio Lower Upper

149 100

177 23.6 16.6 25.0

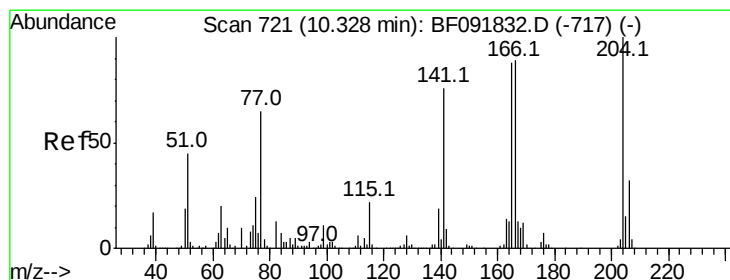
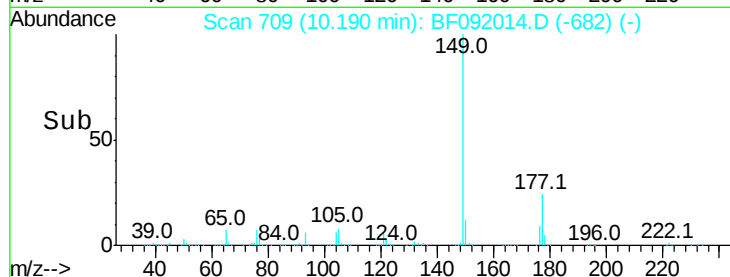
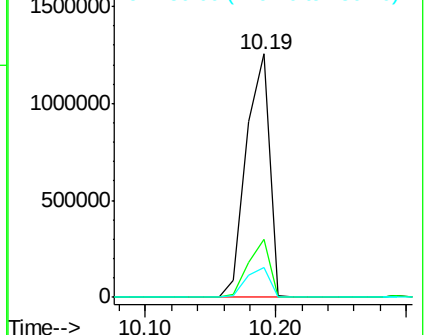
150 12.4 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.32 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

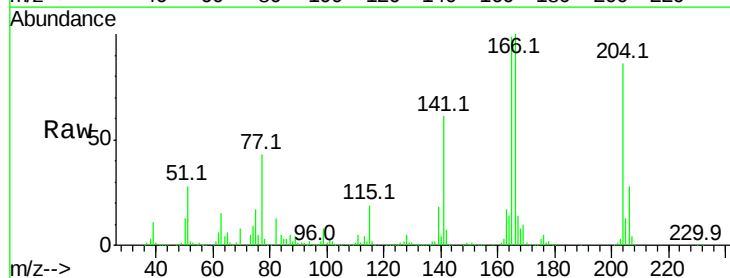
Tgt Ion:204 Resp: 563115

Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.6

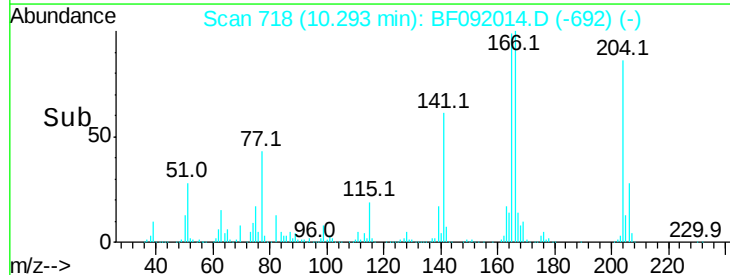
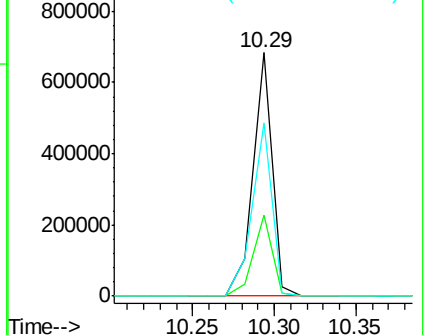
141 71.2 59.4 89.0

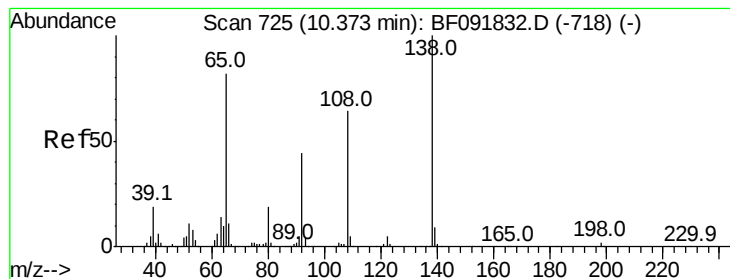


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.59 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

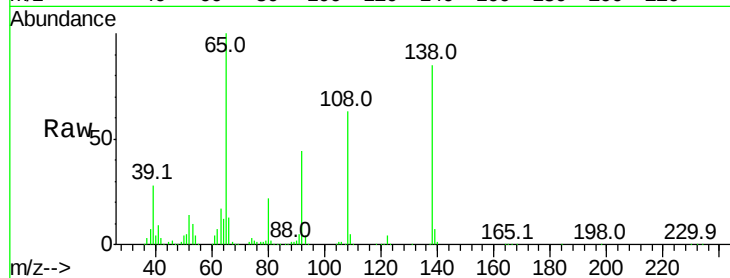
Tot Ion:138 Resp: 356533

Ion Ratio Lower Upper

138 100

92 52.1 31.7 71.7

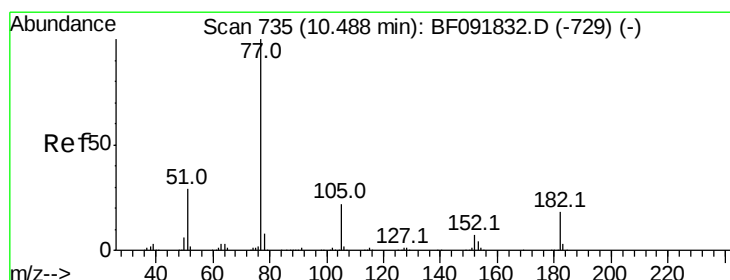
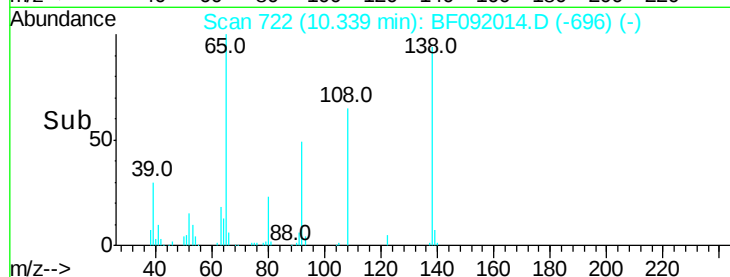
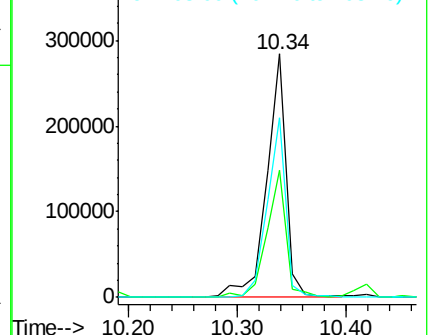
108 73.9 52.6 92.6



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: 42.35 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Tgt Ion: 77 Resp: 1662890

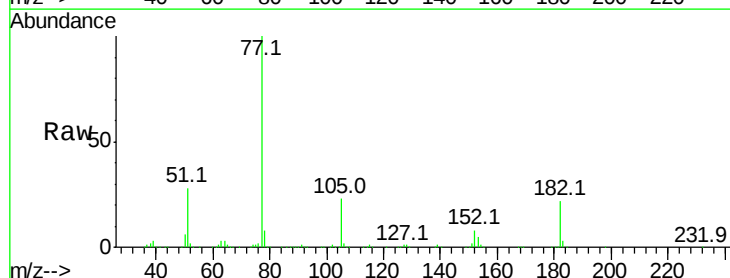
Ion Ratio Lower Upper

77 100

182 22.0 0.0 39.3

105 23.1 2.3 42.3

51 28.4 8.9 48.9

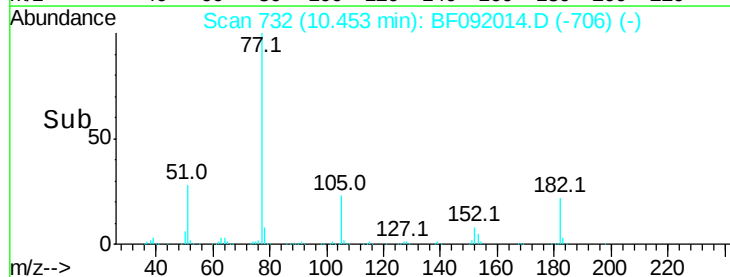
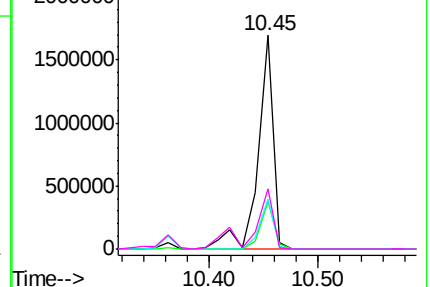


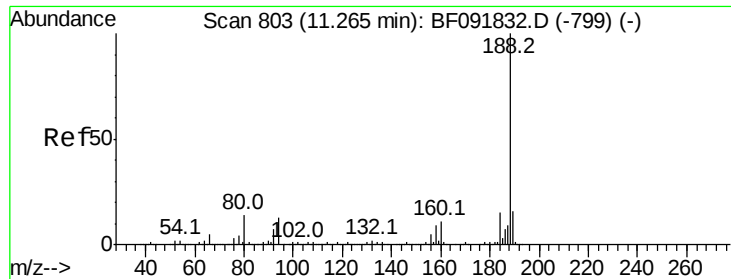
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

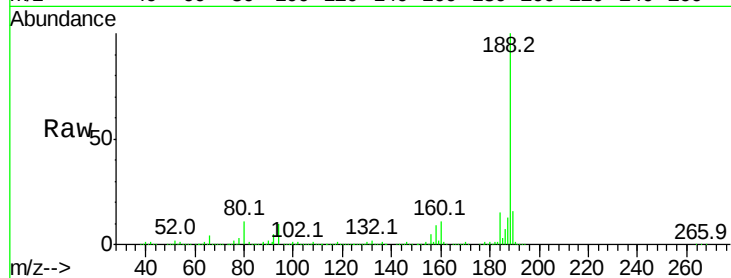




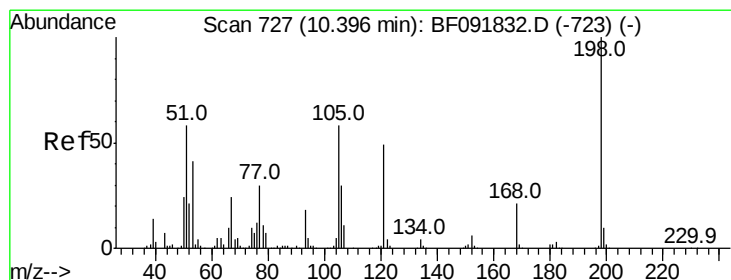
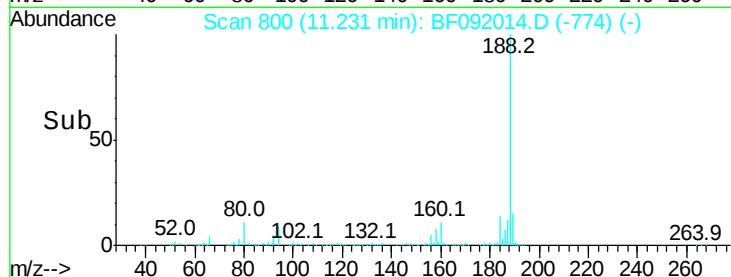
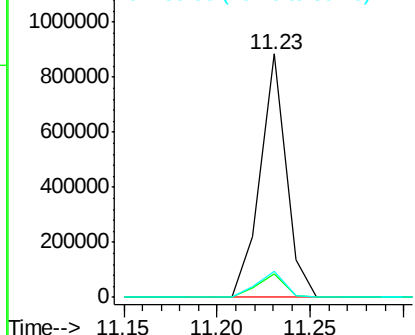
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:188 Resp: 858712
Ion Ratio Lower Upper
188 100
94 9.7 10.0 15.0#
80 10.7 11.2 16.8#

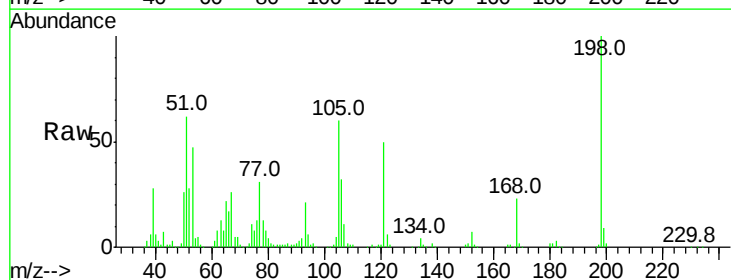


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

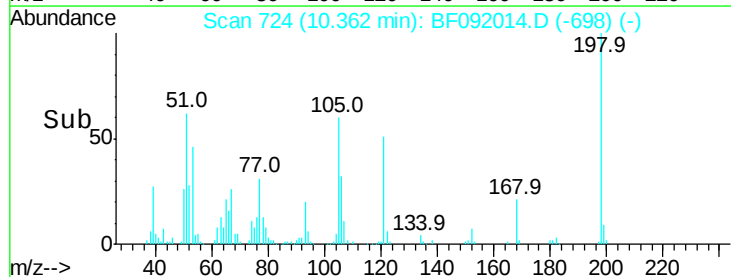
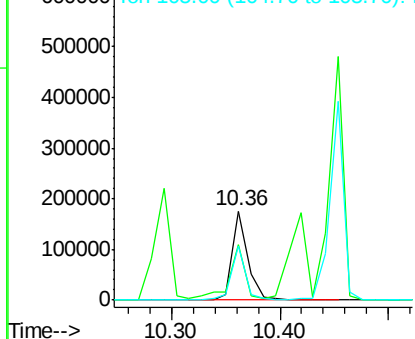


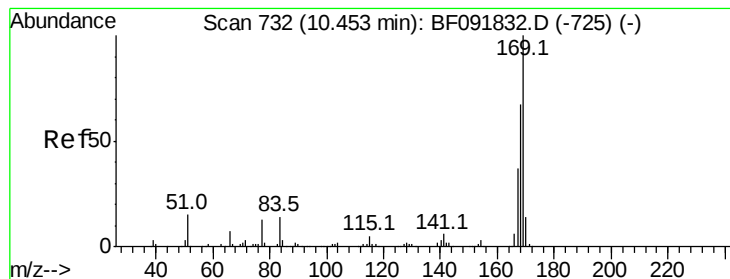
#64
4,6-Dinitro-2-methylphenol
Concen: 33.18 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Tgt Ion:198 Resp: 172309
Ion Ratio Lower Upper
198 100
51 61.7 6.7 46.7#
105 60.1 16.6 56.6#



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





#65

n-Nitrosodiphenylamine

Concen: 45.54 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

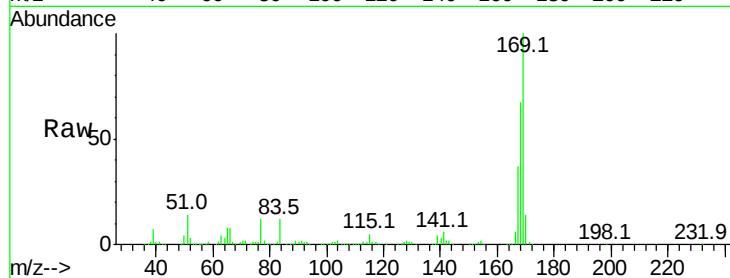
Tot Ion:169 Resp: 1160459

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

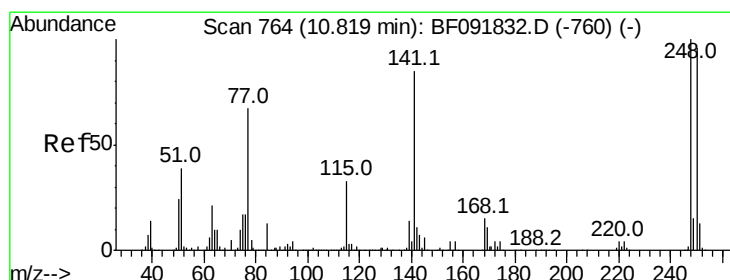
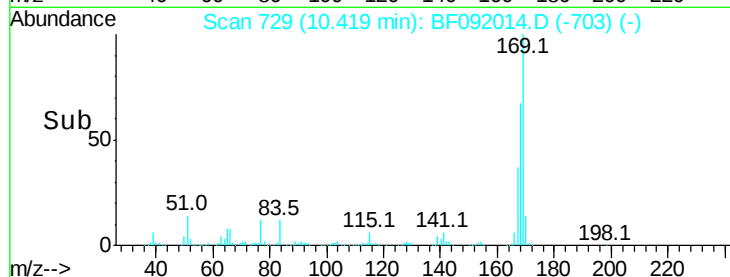
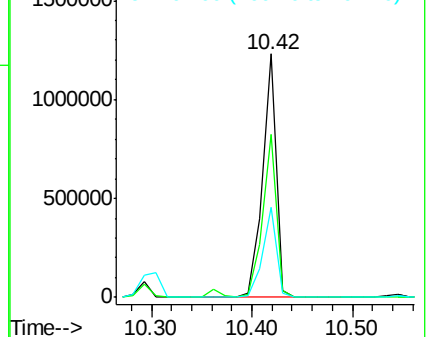
167 37.2 30.2 45.4



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: 46.16 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

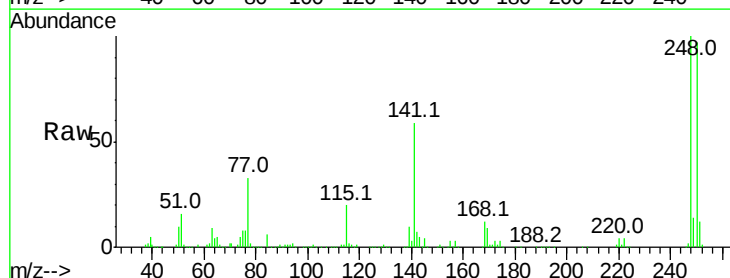
Tgt Ion:248 Resp: 412351

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

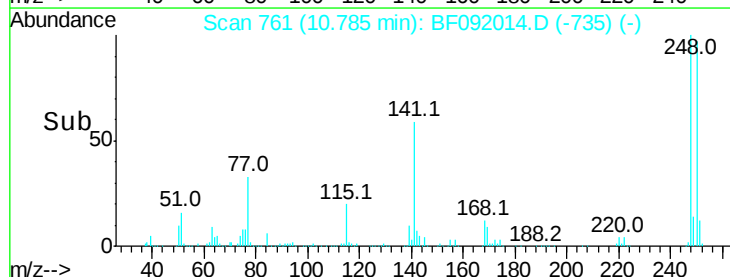
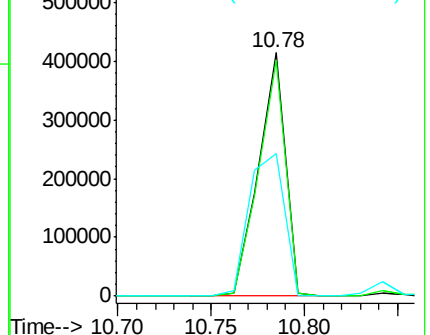
141 58.7 68.2 102.4#

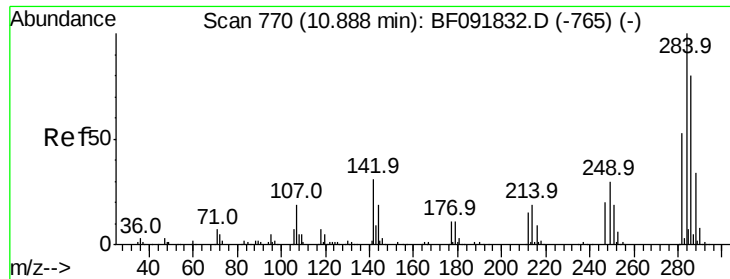


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

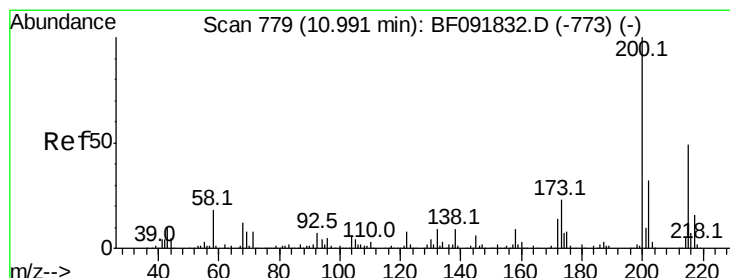
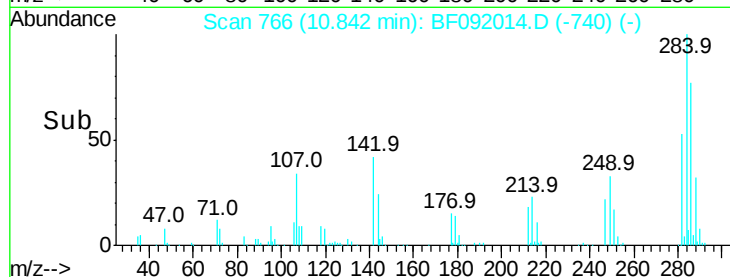
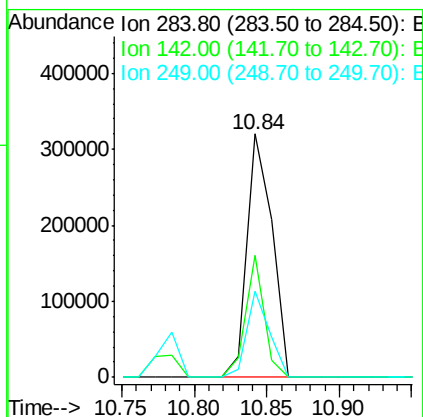
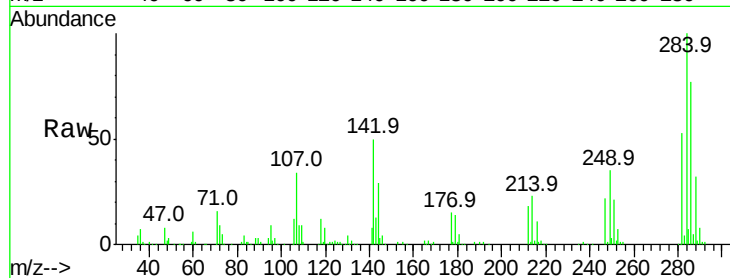




#67
Hexachlorobenzene
Concen: 40.06 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

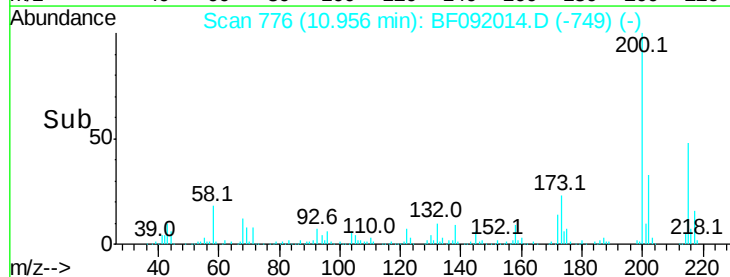
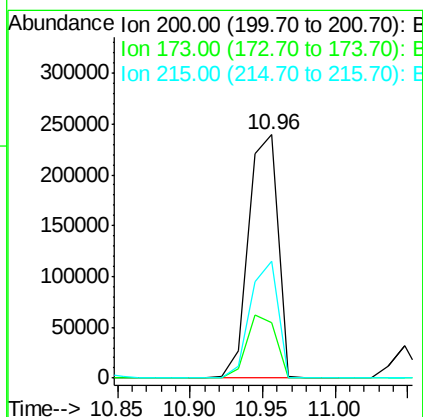
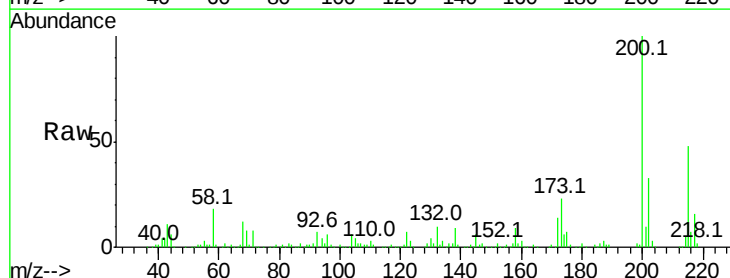
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 382452
Ion Ratio Lower Upper
284 100
142 50.0 22.6 33.8#
249 35.3 25.4 38.0



#68
Atrazine
Concen: 41.01 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Tgt Ion:200 Resp: 337049
Ion Ratio Lower Upper
200 100
173 22.8 9.6 49.6
215 47.8 25.7 65.7

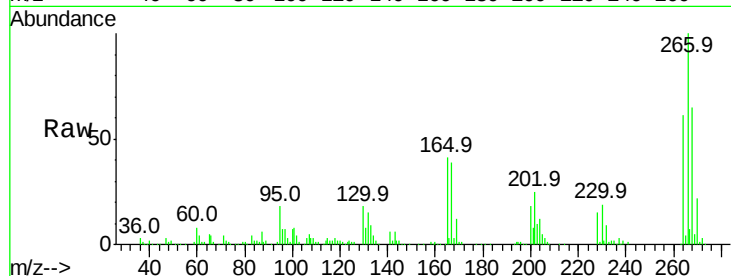




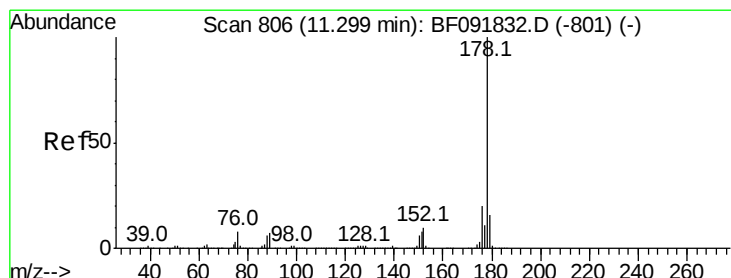
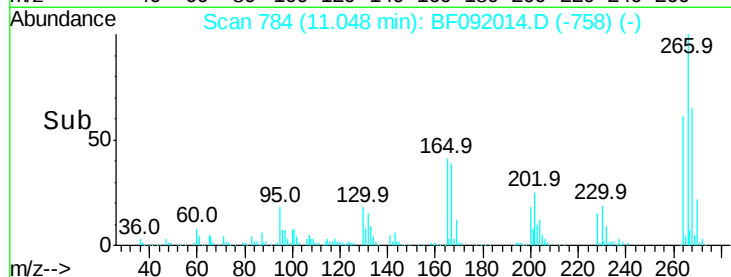
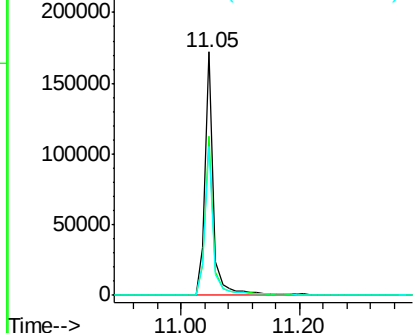
#69
 Pentachlorophenol
 Concen: 38.62 ng
 RT: 11.05 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 180934
 Ion Ratio Lower Upper
 266 100
 268 65.5 53.3 79.9
 264 61.2 50.3 75.5

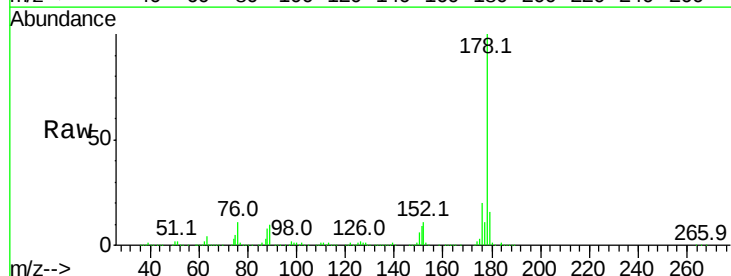


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

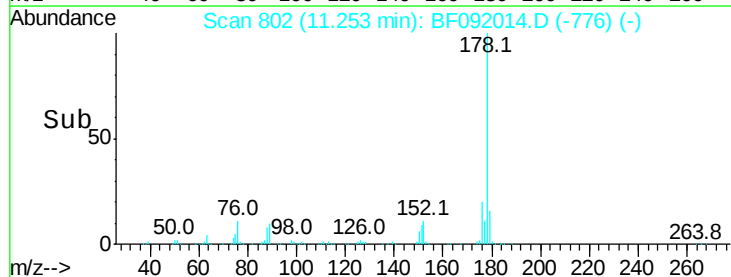
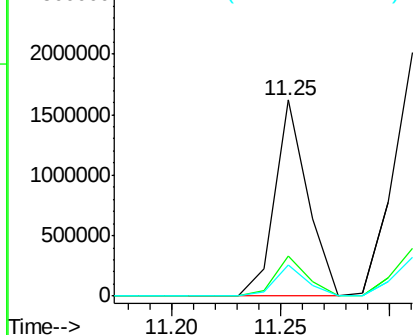


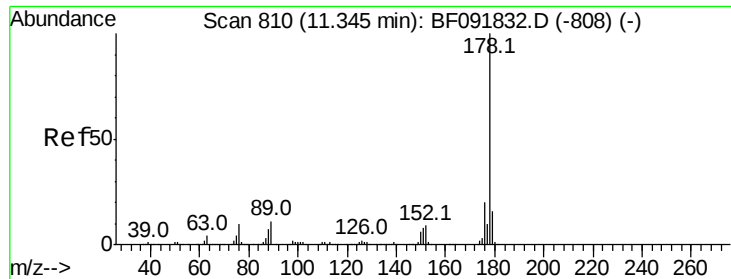
#70
 Phenanthrene
 Concen: 36.77 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Tgt Ion:178 Resp: 1712173
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 16.2 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

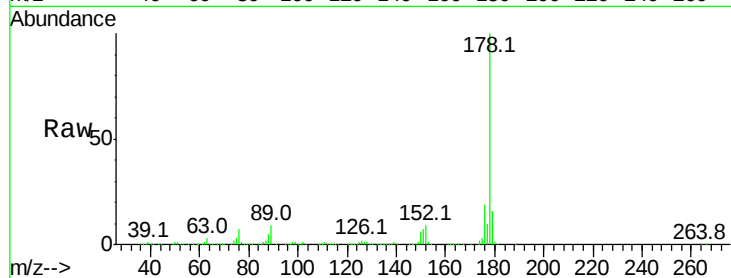




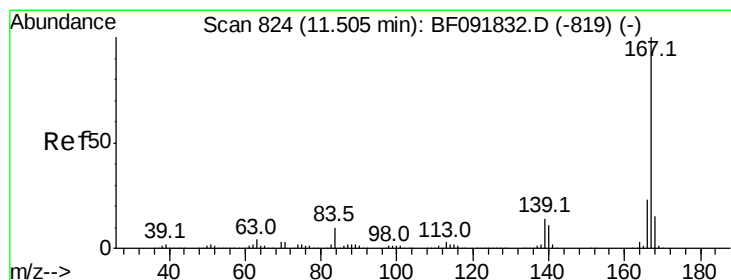
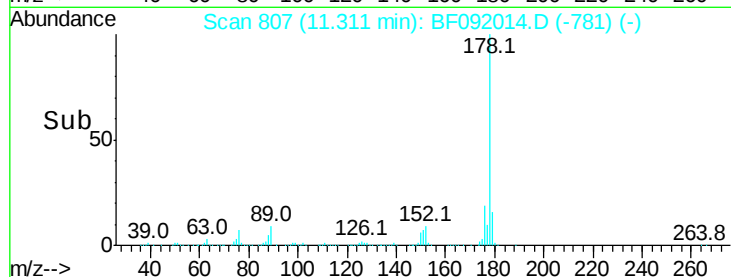
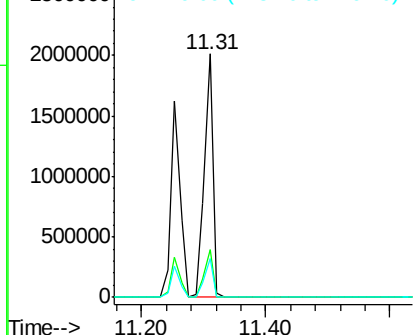
#71
 Anthracene
 Concen: 49.21 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1966664
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 16.0 13.2 19.8

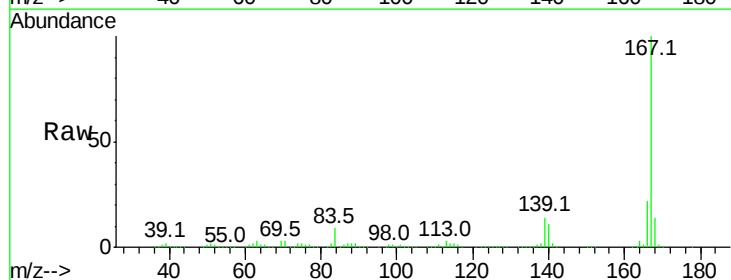


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

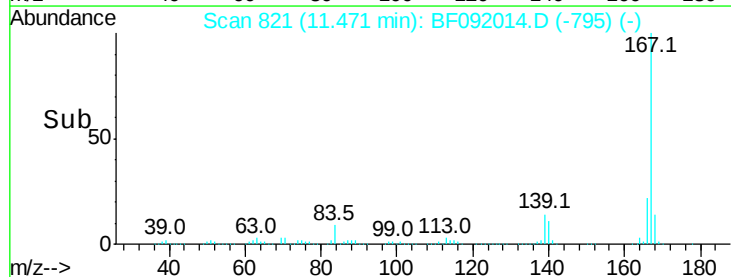
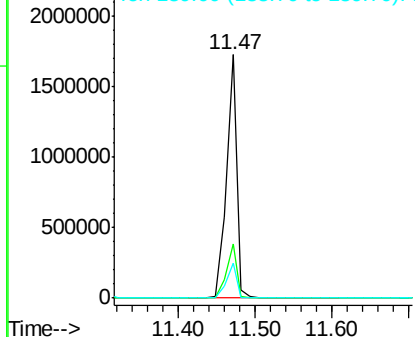


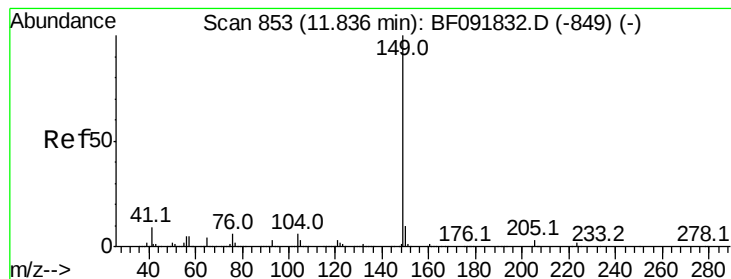
#72
 Carbazole
 Concen: 41.75 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Tgt Ion:167 Resp: 1652605
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 14.2 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: 45.87 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

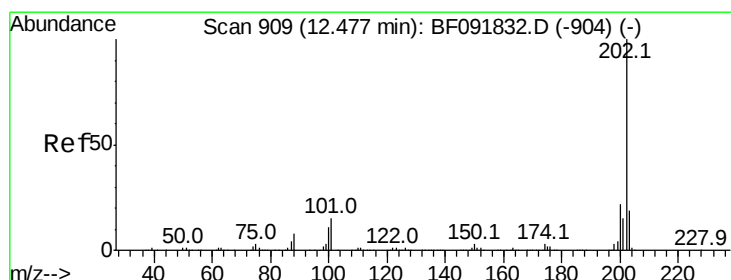
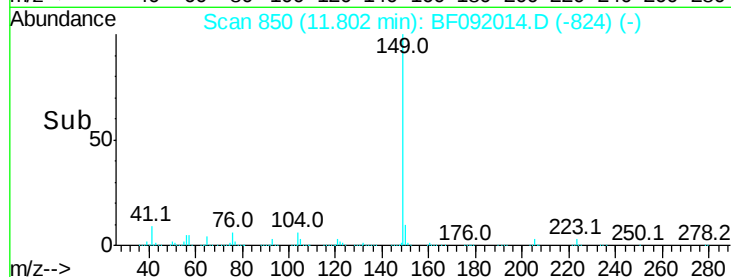
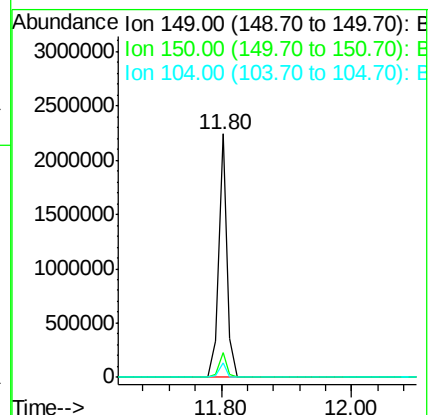
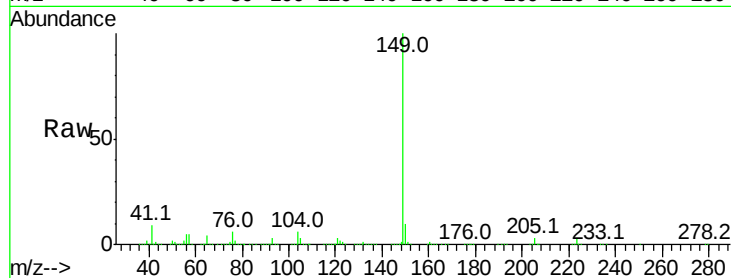
Tot Ion:149 Resp: 2020338

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

104 5.8 4.6 7.0



#74

Fluoranthene

Concen: 42.15 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

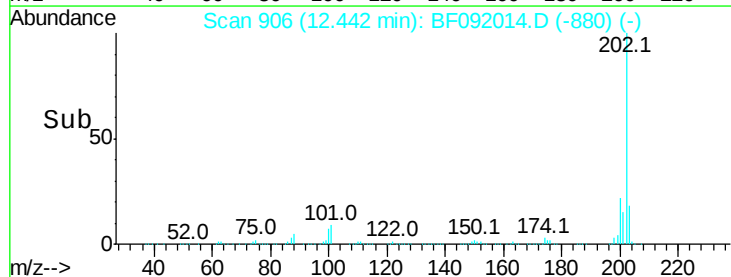
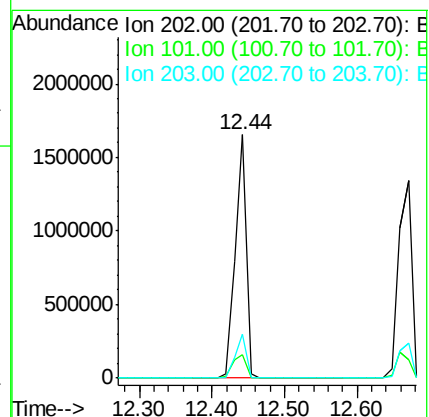
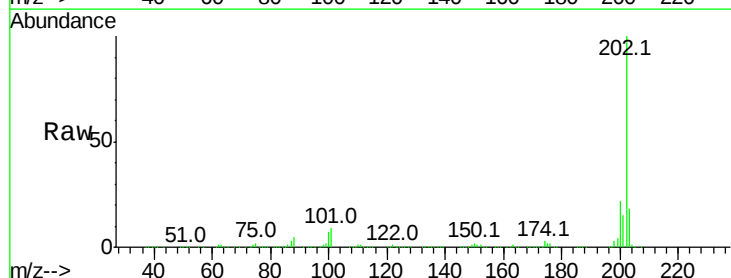
Tgt Ion:202 Resp: 1731623

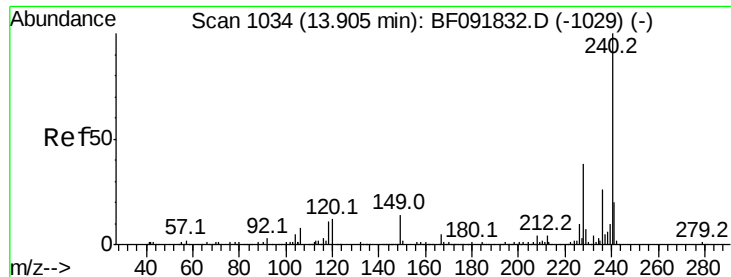
Ion Ratio Lower Upper

202 100

101 9.4 0.0 34.6

203 18.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

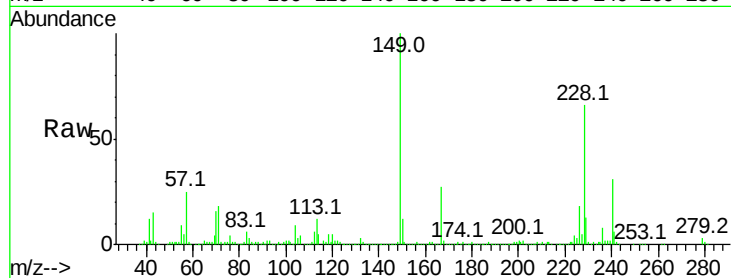
Tot Ion:240 Resp: 422974

Ion Ratio Lower Upper

240 100

120 17.6 12.9 19.3

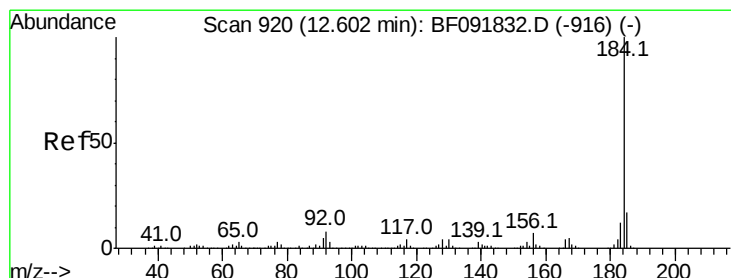
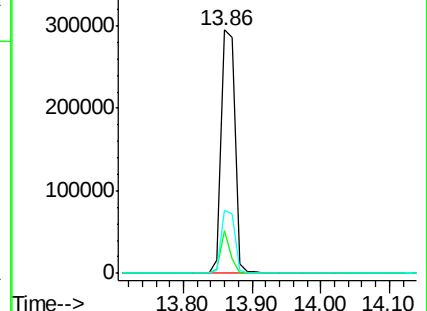
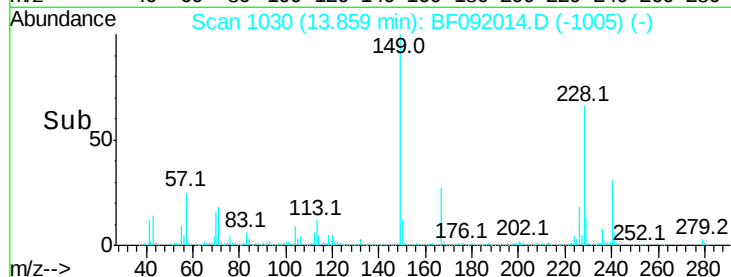
236 26.1 20.9 31.3



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: 44.12 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

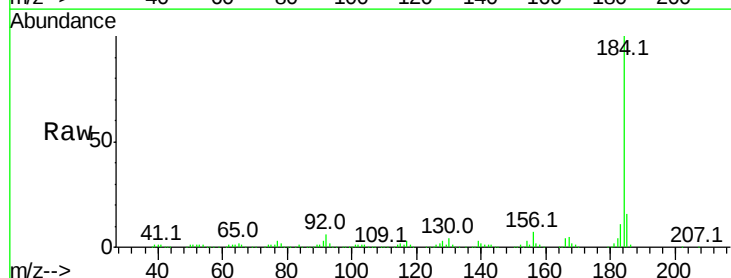
Tgt Ion:184 Resp: 477159

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.0

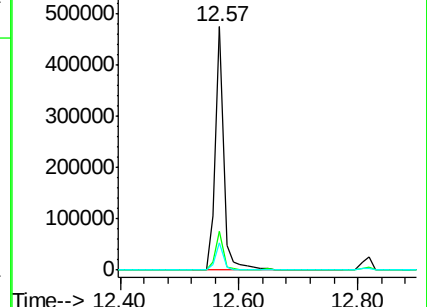
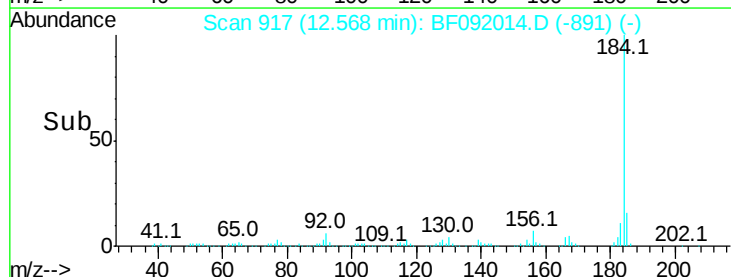
183 11.1 9.2 13.8

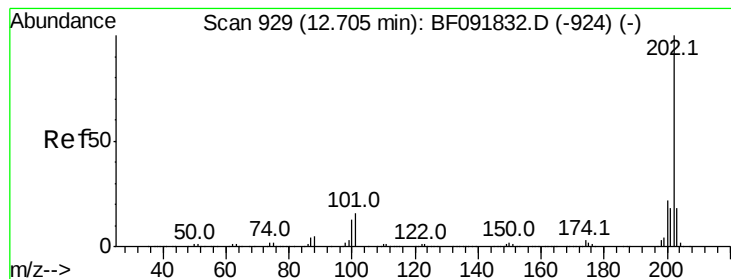


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 54.06 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

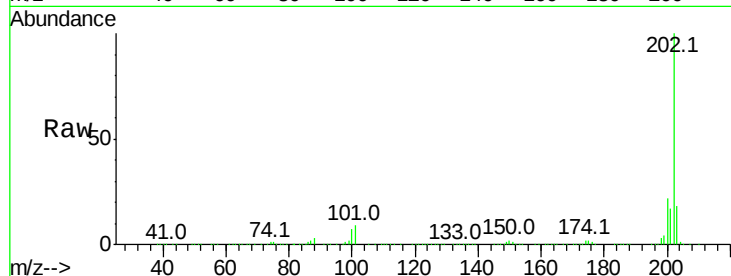
Tot Ion:202 Resp: 1677806

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

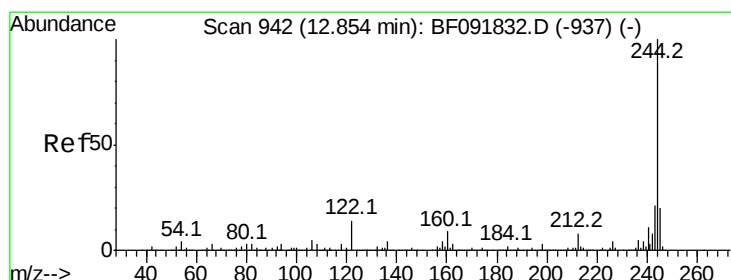
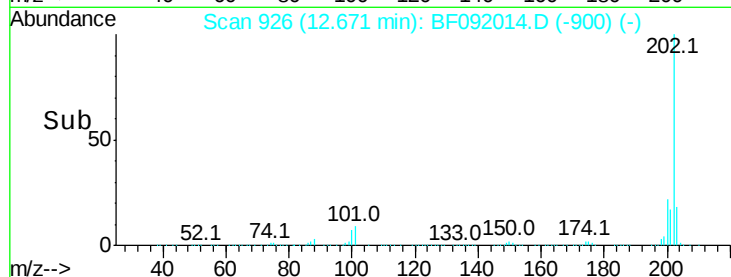
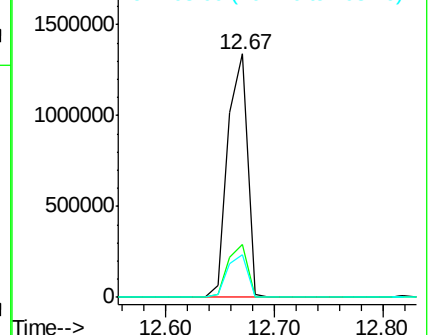
203 17.6 14.7 22.1



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: 110.82 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

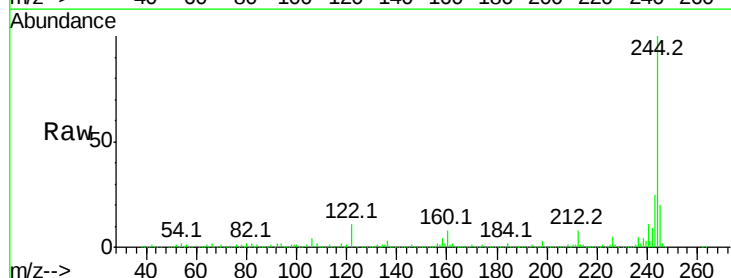
Tgt Ion:244 Resp: 1932745

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

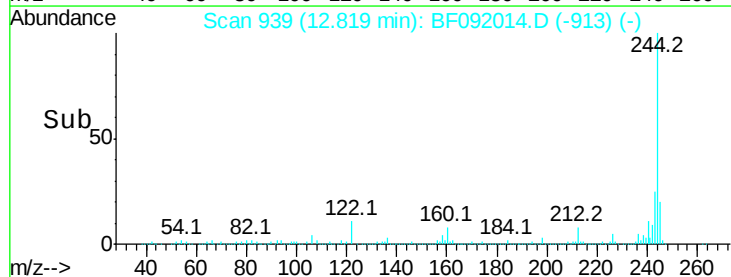
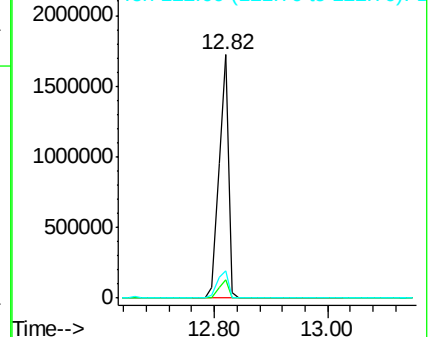
122 11.1 11.4 17.2#

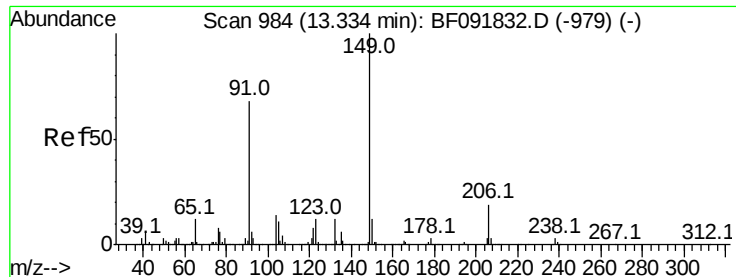


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 56.65 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

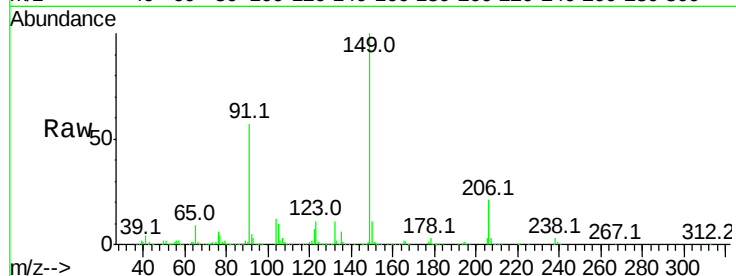
Tot Ion:149 Resp: 799645

Ion Ratio Lower Upper

149 100

91 56.6 63.9 95.9#

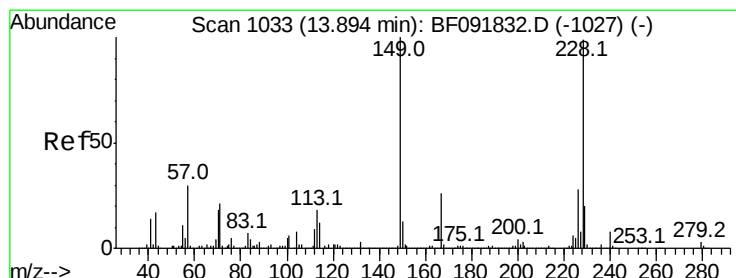
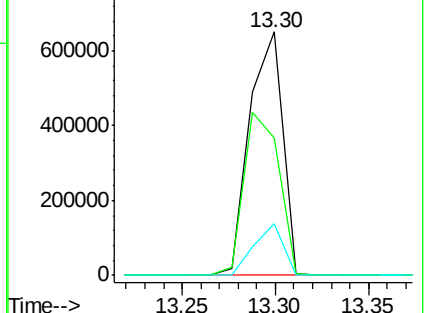
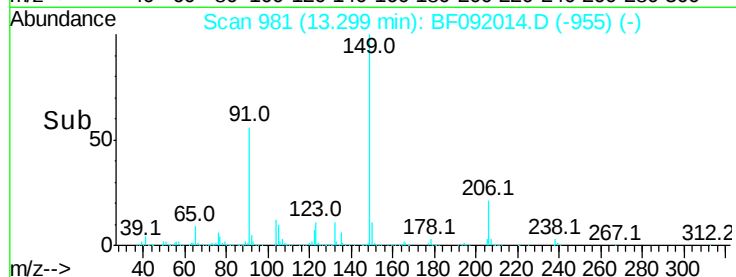
206 21.4 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.95 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

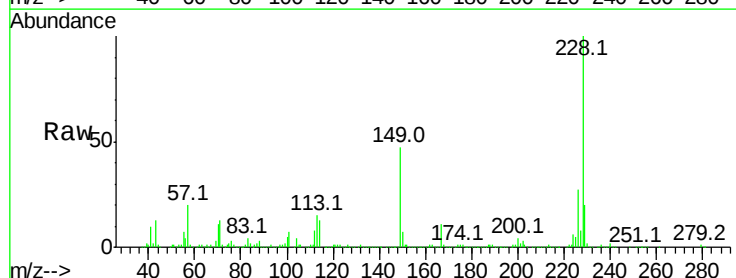
Tgt Ion:228 Resp: 1097129

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

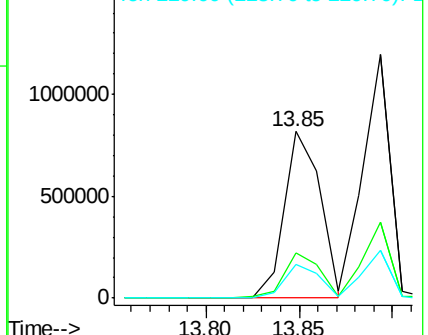
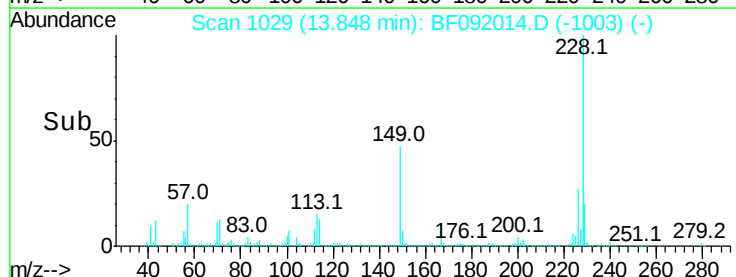
229 20.1 16.2 24.4

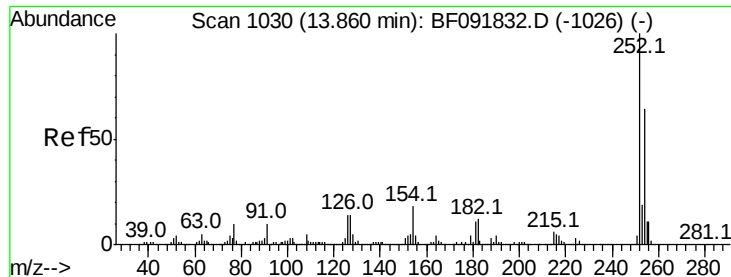


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

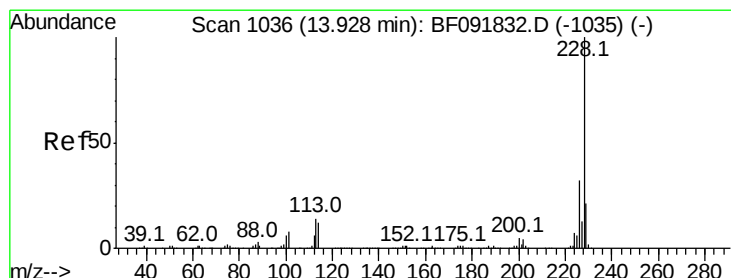
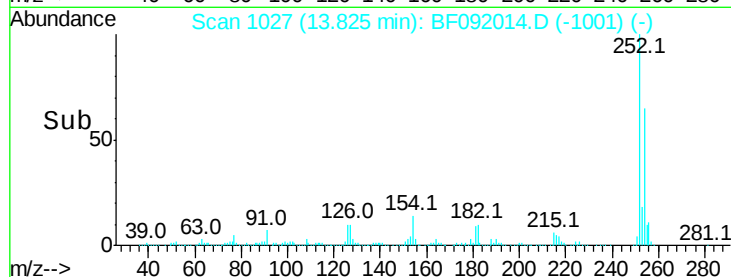
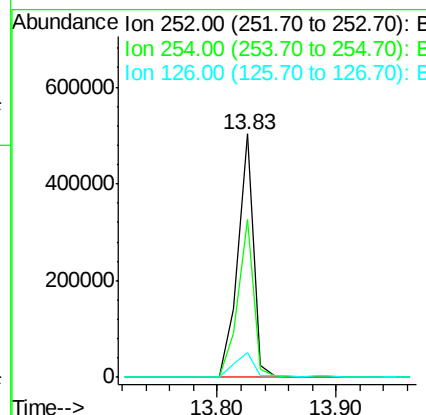
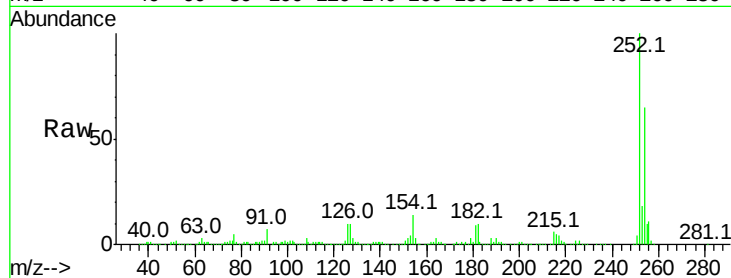




#81
 3,3'-Dichlorobenzidine
 Concen: 51.38 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

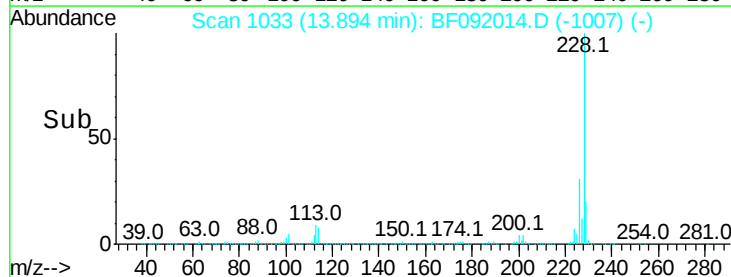
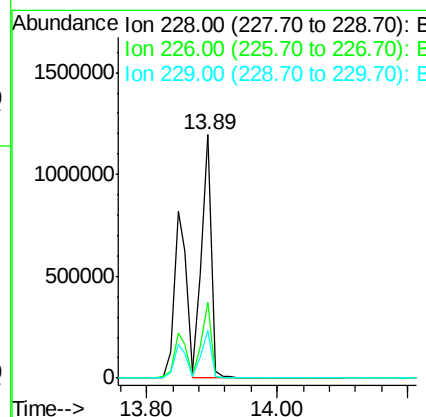
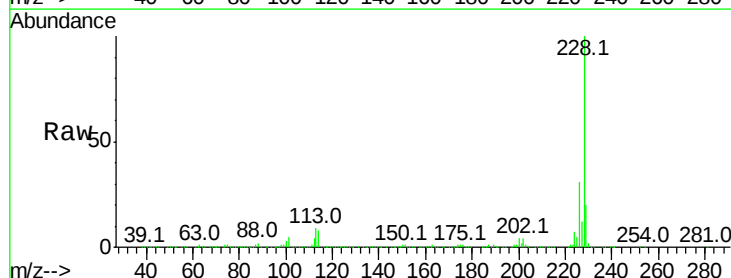
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:252 Resp: 465162
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.3 78.5
 126 10.2 13.6 20.4#



#82
 Chrysene
 Concen: 50.58 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Tgt Ion:228 Resp: 1211475
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 19.6 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.19 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

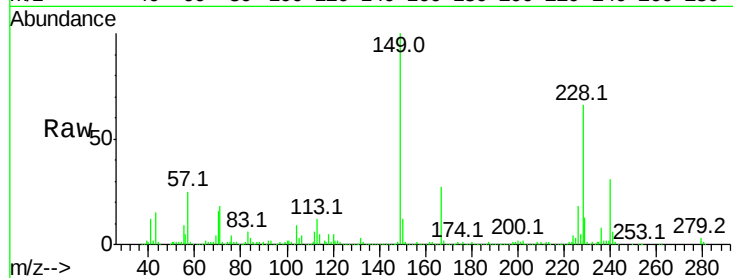
Tot Ion:149 Resp: 950679

Ion Ratio Lower Upper

149 100

167 27.4 20.2 30.4

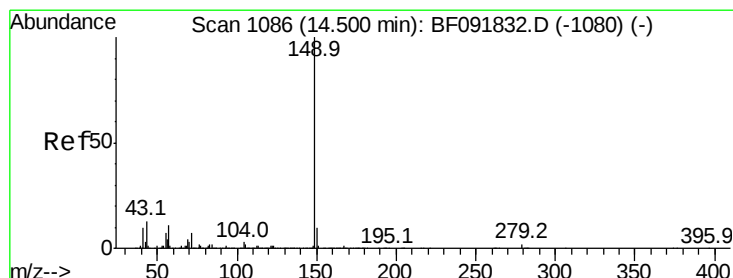
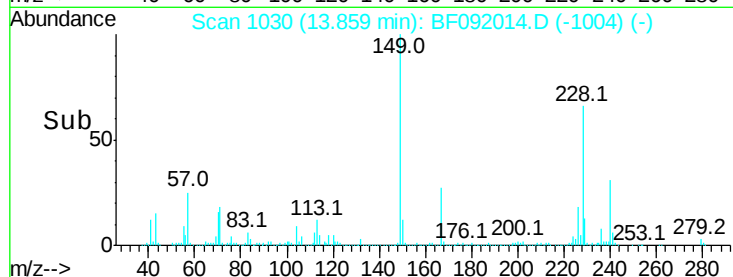
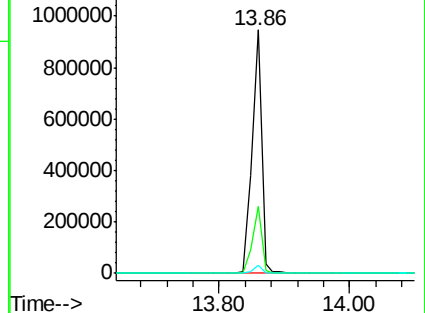
279 3.4 1.8 2.8#



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: 50.19 ng

RT: 14.47 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

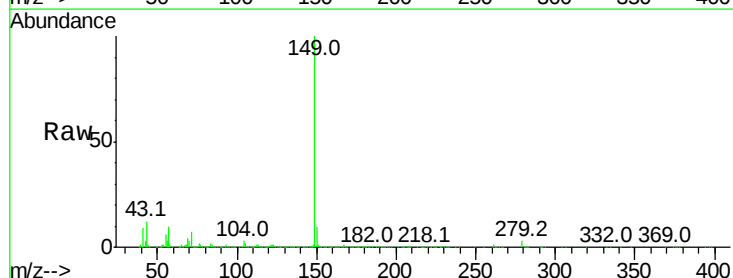
Tgt Ion:149 Resp: 1545452

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

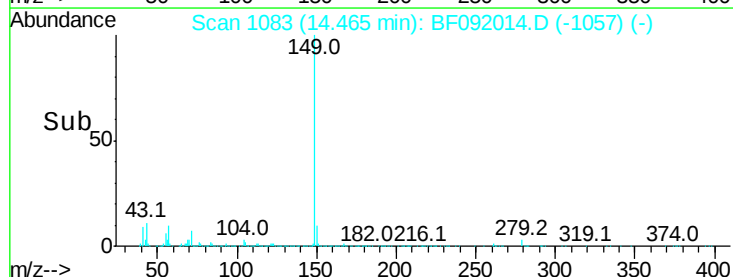
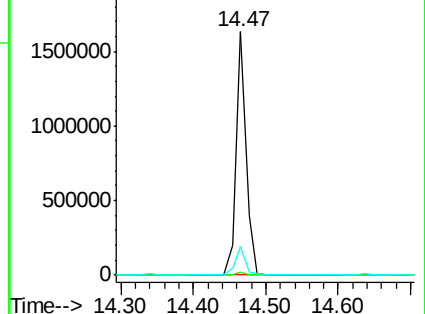
43 11.4 8.9 13.3

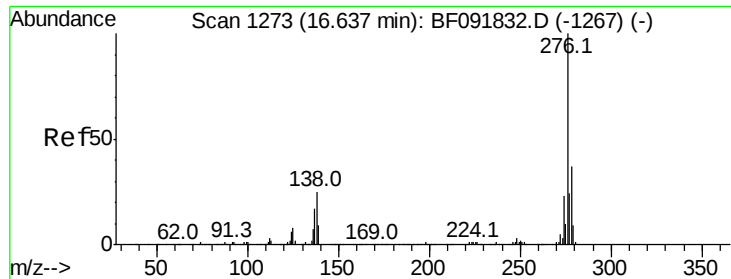


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



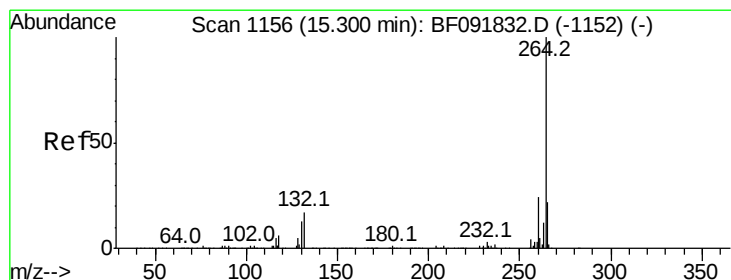
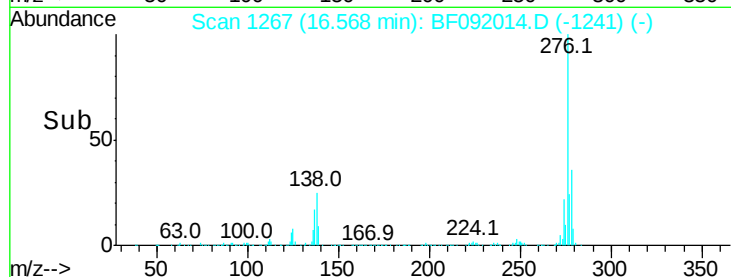
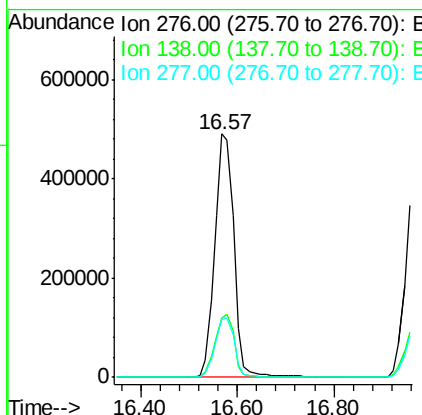
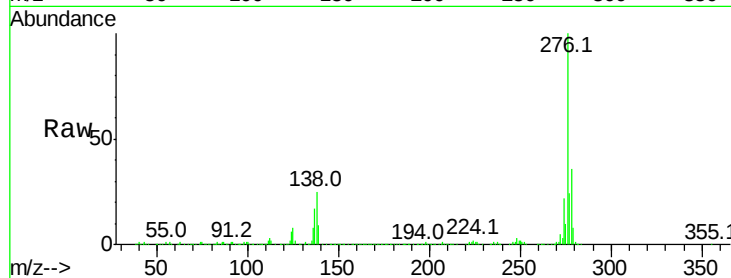


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 66.05 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:276 Resp: 1370429

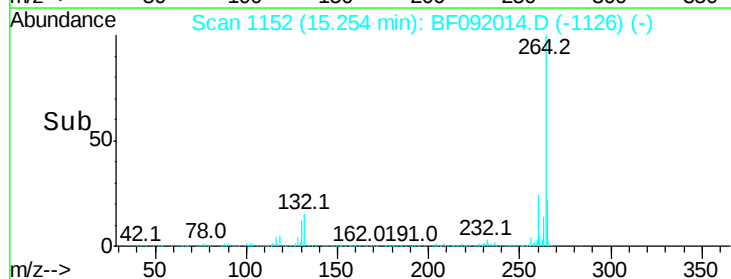
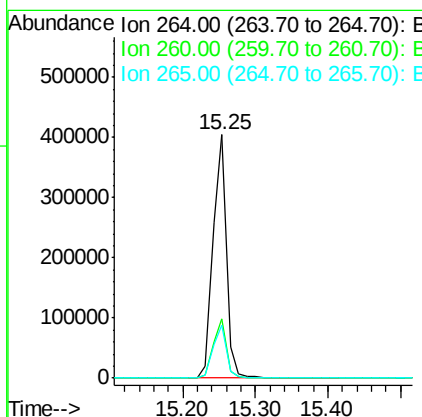
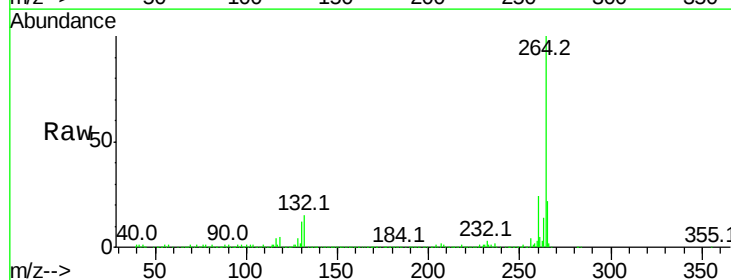
Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.8	32.6
277	25.0	20.2	30.4

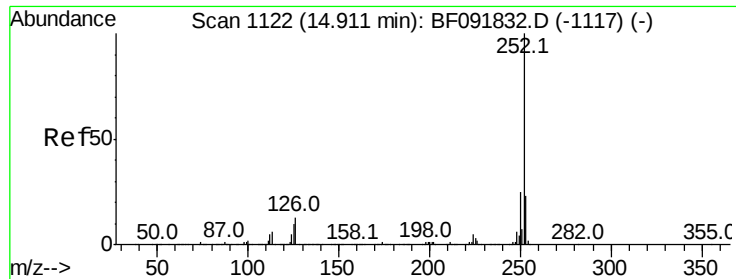


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Tgt Ion:264 Resp: 516876

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 36.02 ng m

RT: 14.87 min Scan# 1118

Delta R.T. -0.00 min

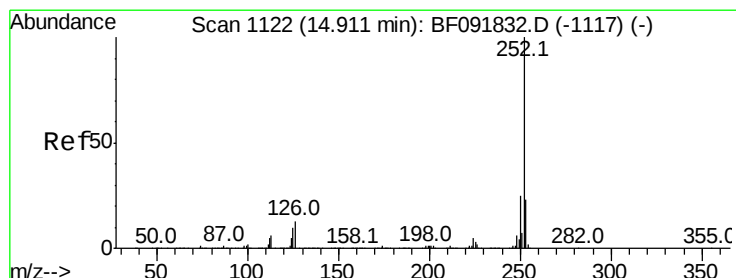
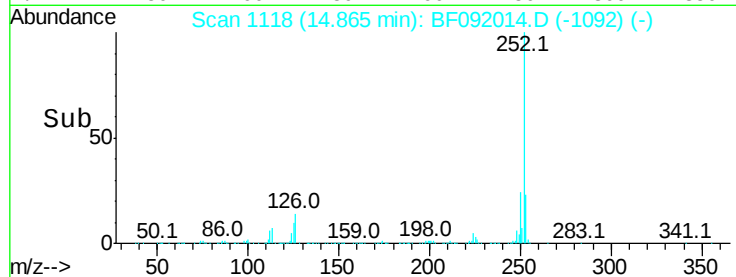
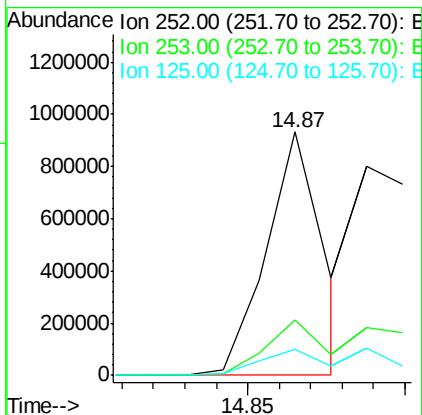
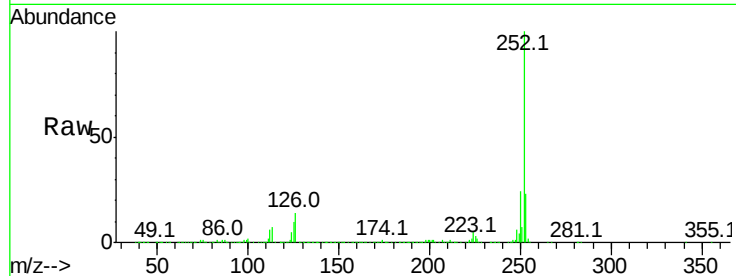
Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1159126

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	10.5	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 39.88 ng m

RT: 14.89 min Scan# 1120

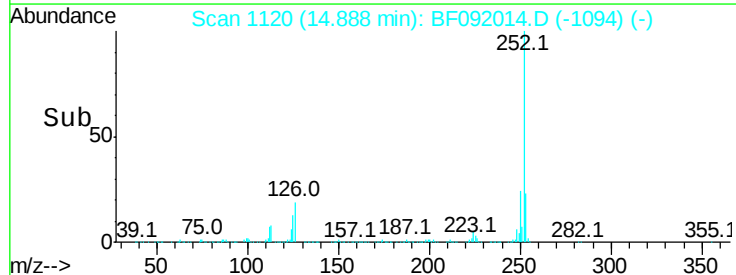
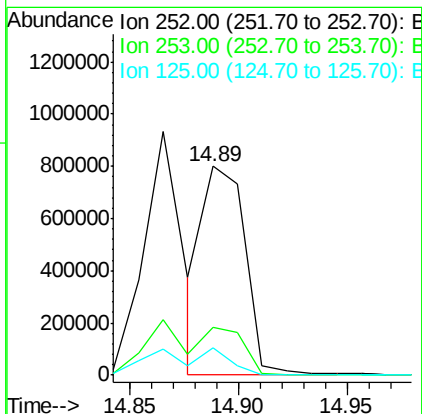
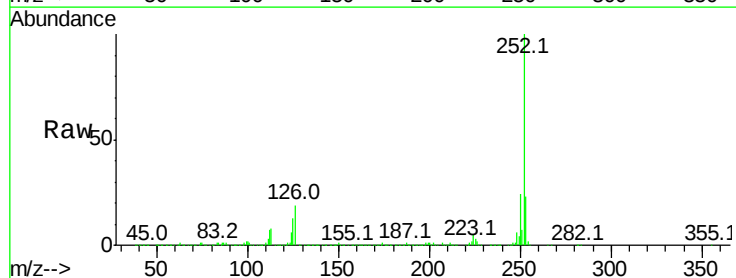
Delta R.T. -0.00 min

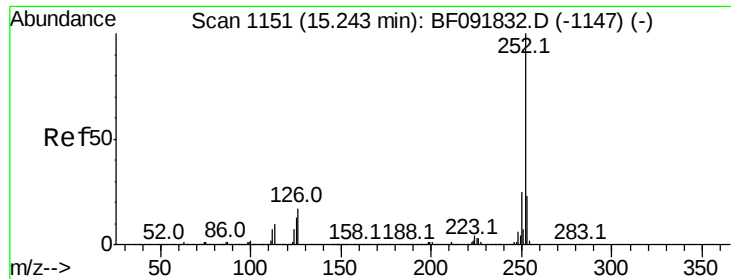
Lab File: BF092014.D

Acq: 29 Dec 2016 00:21

Tgt Ion:252 Resp: 1094244

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	13.0	8.9	13.3

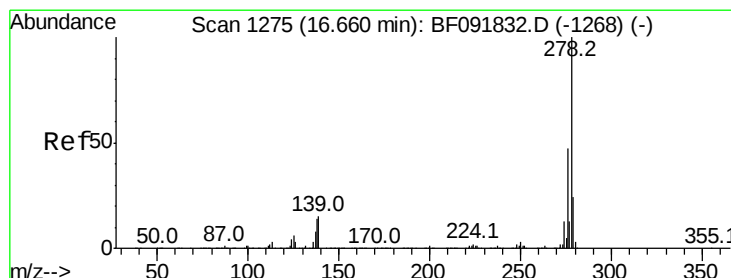
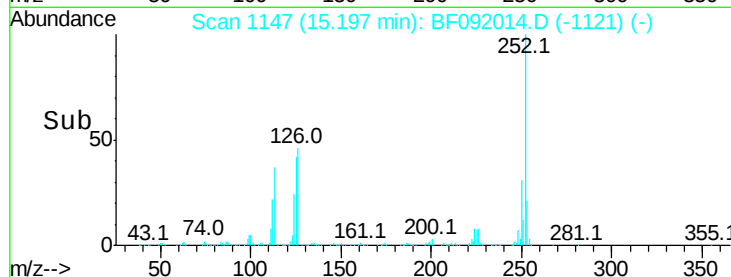
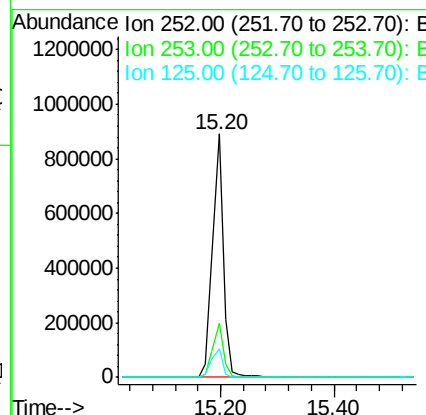
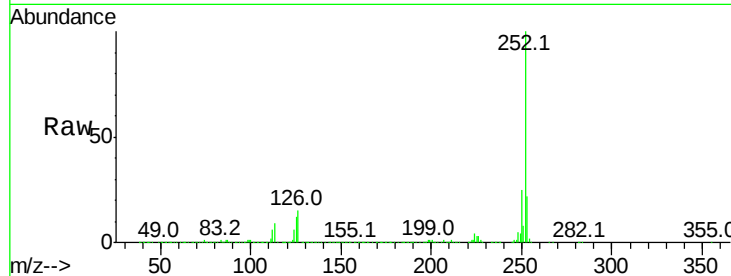




#89
Benzo(a)pyrene
Concen: 39.57 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

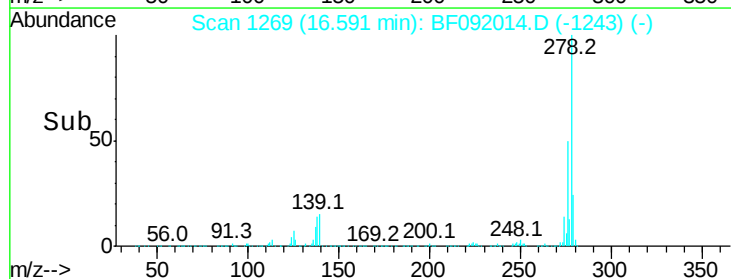
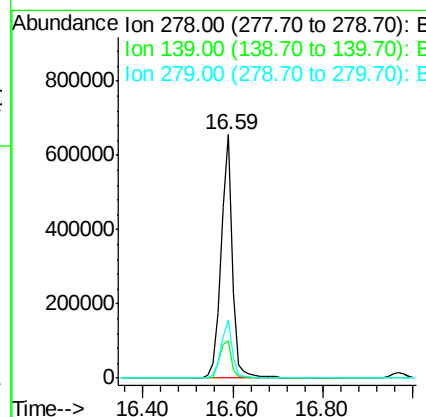
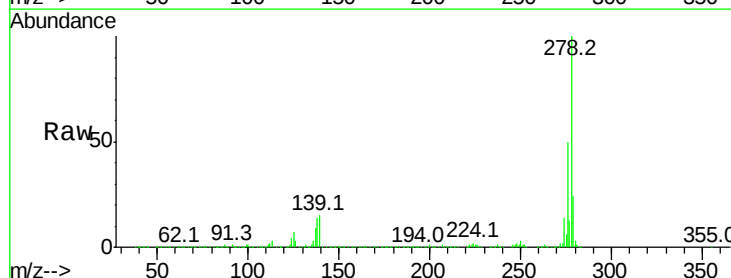
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

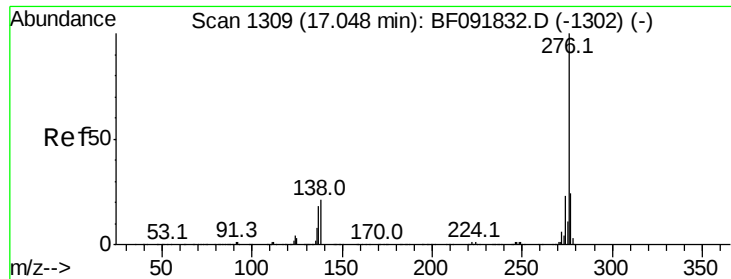
Tot Ion:252 Resp: 1130223
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 11.7 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 49.01 ng
RT: 16.59 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF092014.D
Acq: 29 Dec 2016 00:21

Tgt Ion:278 Resp: 1150679
Ion Ratio Lower Upper
278 100
139 15.5 14.8 22.2
279 23.8 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 48.79 ng
 RT: 16.97 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF092014.D
 Acq: 29 Dec 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:276 Resp: 1191090
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.2 28.8
 138 23.7 16.0 24.0

