

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
 Data File : BF092968.D
 Acq On : 15 Feb 2017 23:09
 Operator : SJ/MA
 Sample : I1816-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 00:34:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	163571	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	657702	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	355450	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	517729	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	370719	20.00	ng	-0.02
86) Perylene-d12	15.46	264	323005	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1339682	140.51	ng	0.00
7) Phenol-d6	6.52	99	1713947	139.72	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1080826	91.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	310280	120.69	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1888074	96.23	ng	0.00
78) Terphenyl-d14	12.98	244	1438081	91.15	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	205320	39.85	ng	# 82
3) Pyridine	3.25	79	532776	40.67	ng	86
4) n-Nitrosodimethylamine	3.22	42	307654	50.02	ng	90
6) Aniline	6.54	93	229032	13.69	ng	# 52
8) 2-Chlorophenol	6.66	128	510156	48.50	ng	92
9) Benzaldehyde	6.42	77	133873	15.23	ng	97
10) Phenol	6.53	94	681799	47.50	ng	# 79
11) bis(2-Chloroethyl)ether	6.61	93	525144	45.84	ng	93
12) 1,3-Dichlorobenzene	6.82	146	587987	47.73	ng	98
13) 1,4-Dichlorobenzene	6.89	146	566329	45.42	ng	98
14) 1,2-Dichlorobenzene	7.05	146	570070	47.81	ng	98
15) Benzyl Alcohol	7.02	79	438815	48.32	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	979989	49.24	ng	95
17) 2-Methylphenol	7.14	107	457232	50.67	ng	97
18) Hexachloroethane	7.39	117	206485	48.51	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	356419	45.64	ng	96
20) 3+4-Methylphenols	7.30	107	547586	50.75	ng	95
22) Acetophenone	7.29	105	711296	47.37	ng	95
24) Nitrobenzene	7.47	77	631329	52.06	ng	# 86
25) Isophorone	7.71	82	1108237	50.36	ng	99
26) 2-Nitrophenol	7.78	139	290578	50.41	ng	94
27) 2,4-Dimethylphenol	7.82	122	489268	48.33	ng	96
28) bis(2-Chloroethoxy)methane	7.92	93	667006	45.76	ng	99
29) 2,4-Dichlorophenol	8.03	162	487052	51.58	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	494185	48.57	ng	98
31) Naphthalene	8.19	128	1539718	46.18	ng	99
32) Benzoic acid	7.96	122	234846	41.99	ng	91
33) 4-Chloroaniline	8.24	127	71015	5.43	ng	98
34) Hexachlorobutadiene	8.30	225	261512	46.71	ng	98
35) Caprolactam	8.61	113	107619	36.23	ng	# 32
36) 4-Chloro-3-methylphenol	8.73	107	470852	47.83	ng	97
37) 2-Methylnaphthalene	8.88	142	1030804	48.15	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	423948	42.49	ng	99
40) Hexachlorocyclopentadiene	9.02	237	289672	64.35	ng	94

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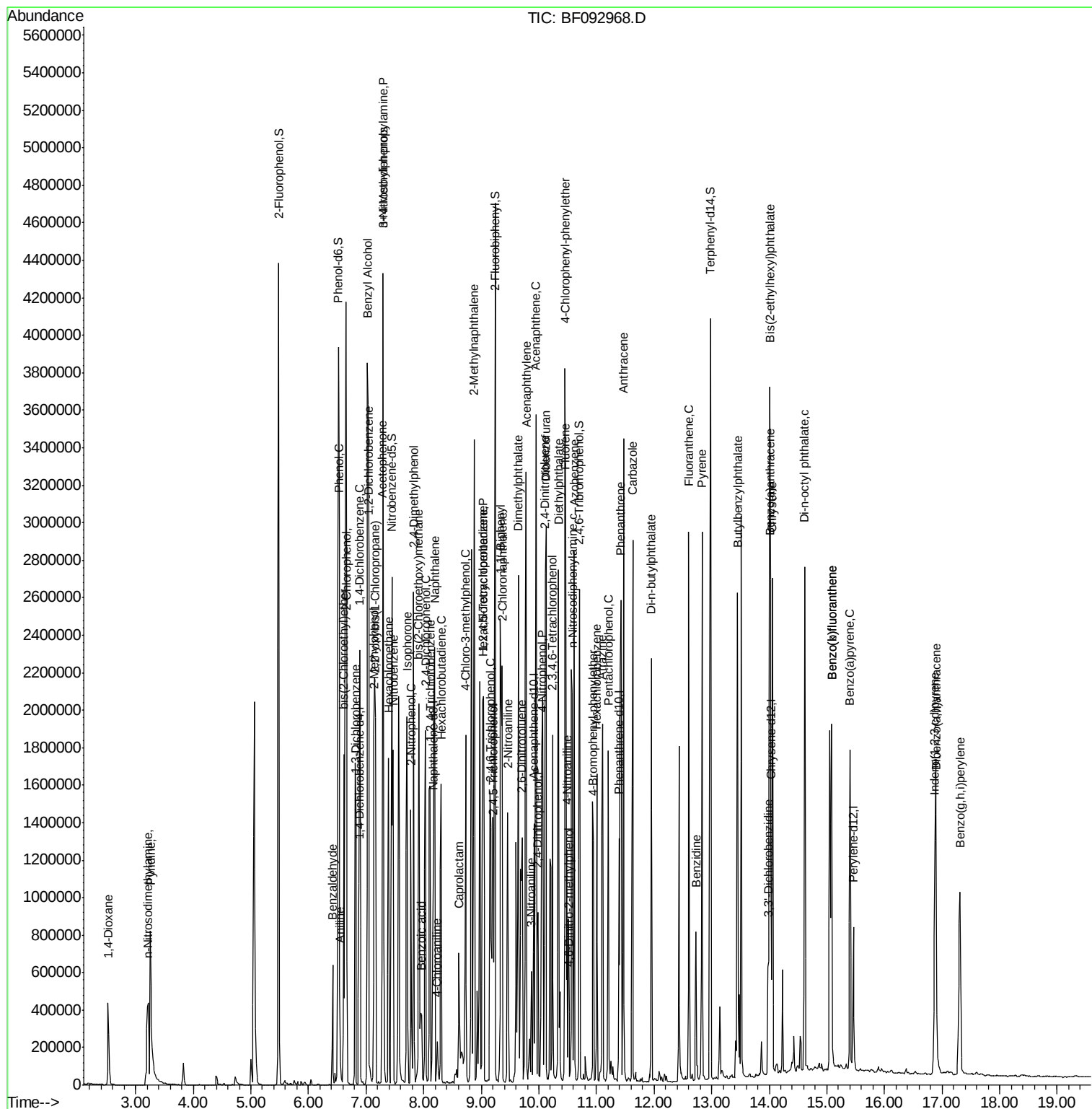
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	320206	48.84	nq	94
43) 2,4,5-Trichlorophenol	9.21	196	327530	45.59	nq	# 82
45) 1,1'-Biphenyl	9.33	154	1127943	43.82	nq	96
46) 2-Chloronaphthalene	9.37	162	982477	48.80	nq	94
47) 2-Nitroaniline	9.46	65	273312	40.37	nq	98
48) Acenaphthylene	9.78	152	1486910	42.75	nq	99
49) Dimethylphthalate	9.64	163	1578668	65.94	nq	98
50) 2,6-Dinitrotoluene	9.71	165	267259	51.69	nq	# 82
51) Acenaphthene	9.95	154	922563	44.36	nq	96
52) 3-Nitroaniline	9.87	138	87985	14.87	nq	88
53) 2,4-Dinitrophenol	9.98	184	175803	67.62	nq	# 92
54) Dibenzofuran	10.12	168	1264527	45.46	nq	95
55) 4-Nitrophenol	10.05	139	404305	94.87	nq	# 65
56) 2,4-Dinitrotoluene	10.11	165	323636	47.02	nq	93
57) Fluorene	10.46	166	975972	45.61	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	237017	49.46	nq	97
59) Diethylphthalate	10.34	149	1017615	45.10	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	441911	42.99	nq	# 86
61) 4-Nitroaniline	10.49	138	222784	36.76	nq	93
62) Azobenzene	10.61	77	1168501	50.13	nq	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	137184	43.78	nq	85
65) n-Nitrosodiphenylamine	10.58	169	875180	52.92	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	275651	50.96	nq	# 80
67) Hexachlorobenzene	11.00	284	251997	47.14	nq	# 77
68) Atrazine	11.10	200	285467	53.79	nq	95
69) Pentachlorophenol	11.21	266	295967	104.81	nq	97
70) Phenanthrene	11.43	178	1433959	48.34	nq	98
71) Anthracene	11.47	178	1296348	43.52	nq	98
72) Carbazole	11.63	167	1331297	46.76	nq	98
73) Di-n-butylphthalate	11.95	149	1544273	50.15	nq	98
74) Fluoranthene	12.60	202	1257230	41.09	nq	98
76) Benzidine	12.73	184	314546	19.91	nq	96
77) Pyrene	12.83	202	1253492	45.18	nq	99
79) Butylbenzylphthalate	13.45	149	596247	52.92	nq	94
80) Benzo(a)anthracene	14.02	228	936342	41.30	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	189461	23.44	nq	# 95
82) Chrysene	14.05	228	800945	37.73	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	847079	54.98	nq	# 97
84) Di-n-octyl phthalate	14.61	149	1292825	51.53	nq	99
85) Indeno(1,2,3-cd)pyrene	16.88	276	952924	57.95	nq	# 94
87) Benzo(b)fluoranthene	15.08	252	1829599	86.06	nq	# 96
88) Benzo(k)fluoranthene	15.08	252	1829599	99.67	nq	96
89) Benzo(a)pyrene	15.40	252	861856	46.87	nq	97
90) Dibenzo(a,h)anthracene	16.90	278	792303	53.31	nq	98
91) Benzo(g,h,i)perylene	17.31	276	799003	53.21	nq	# 92

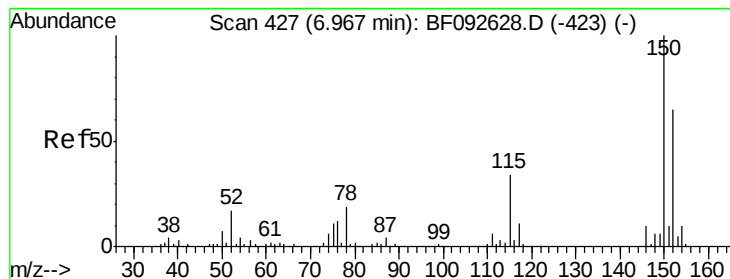
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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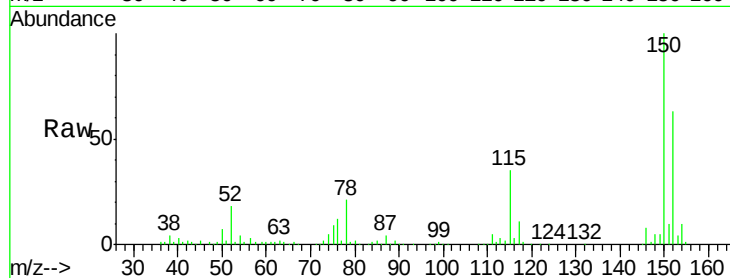


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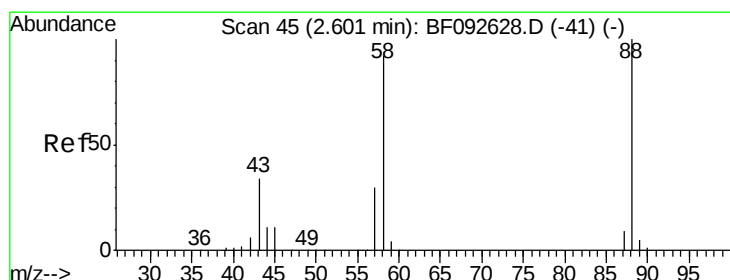
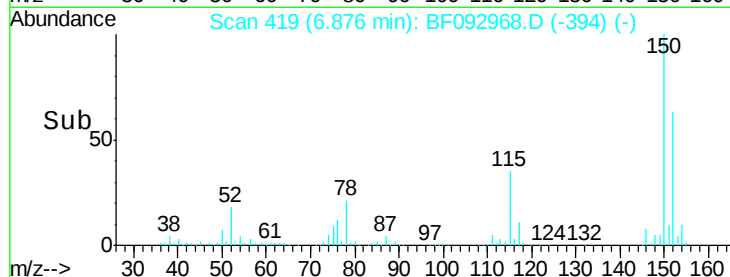
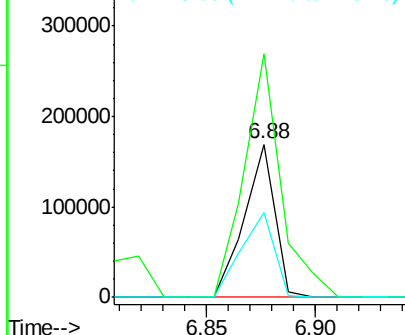
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163571
Ion Ratio Lower Upper
152 100
150 159.3 124.9 187.3
115 55.1 46.0 69.0



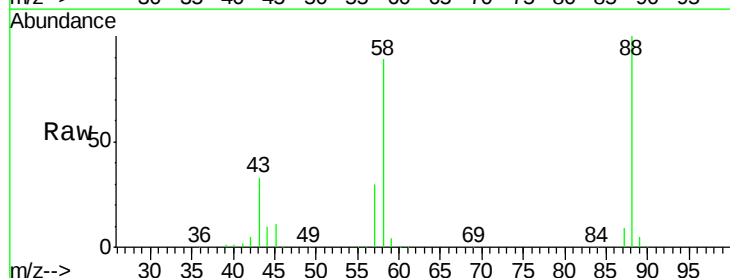
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



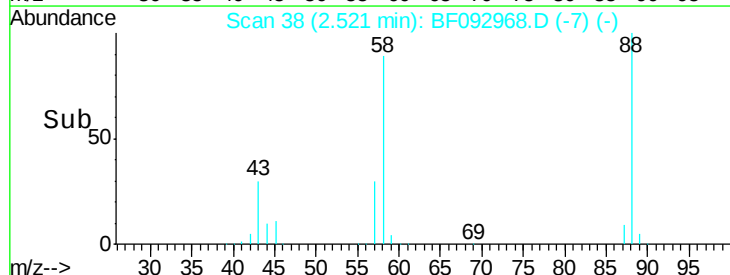
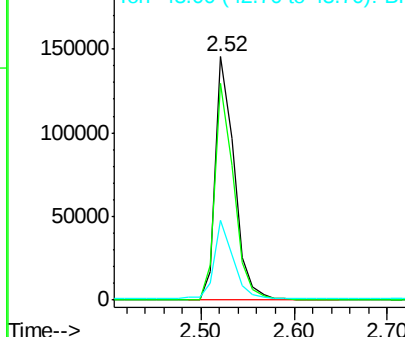
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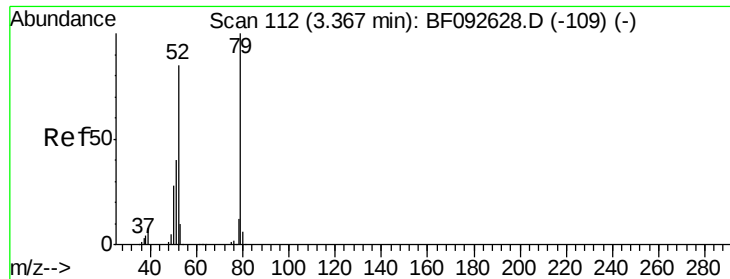
1,4-Dioxane
Concen: 39.85 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Tgt Ion: 88 Resp: 205320
Ion Ratio Lower Upper
88 100
58 89.4 57.8 86.8#
43 33.2 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: 40.67 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

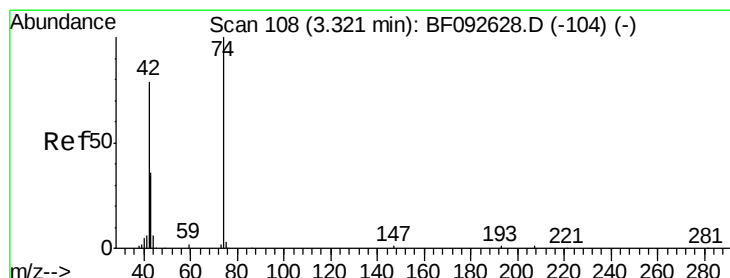
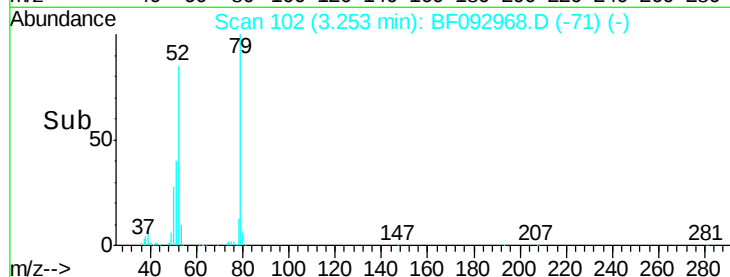
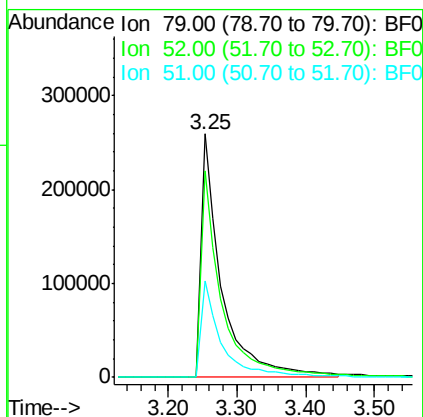
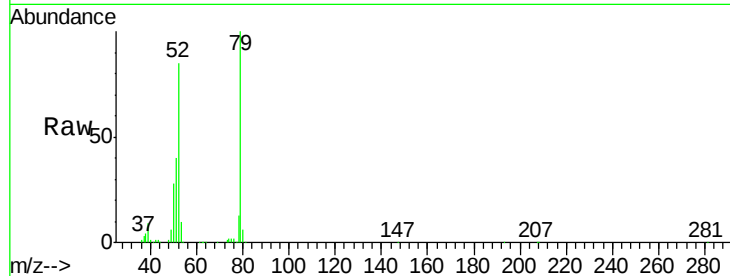
Tot Ion: 79 Resp: 532776

Ion Ratio Lower Upper

79 100

52 84.8 57.1 85.7

51 39.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 50.02 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.06 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

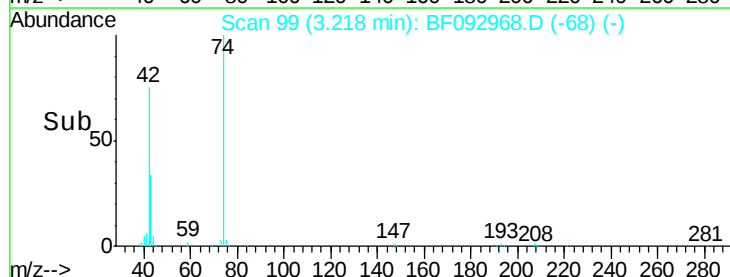
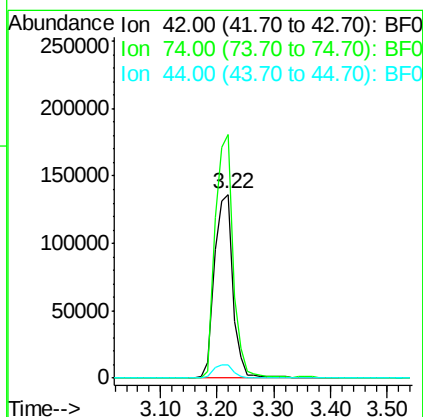
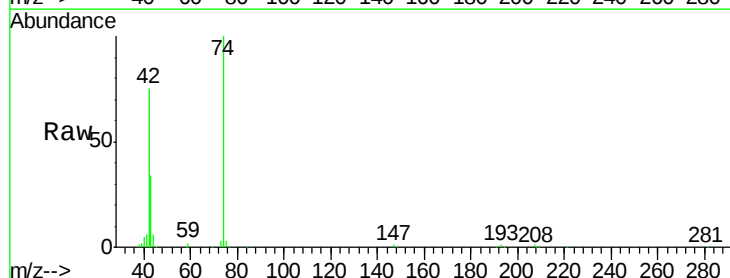
Tgt Ion: 42 Resp: 307654

Ion Ratio Lower Upper

42 100

74 132.6 117.0 175.4

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 140.51 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampled :

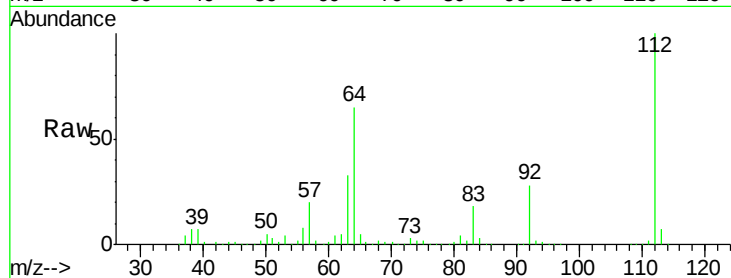
Tot Ion: 112 Resp: 1339682

Ion Ratio Lower Upper

112 100

64 65.2 46.1 69.1

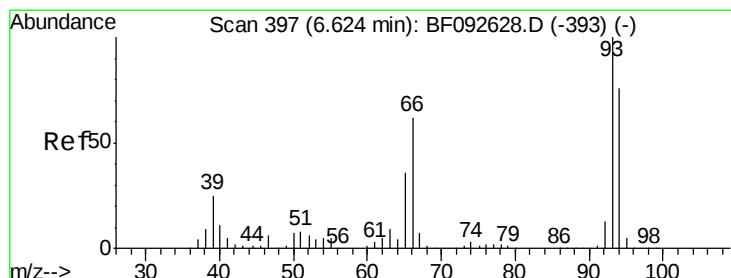
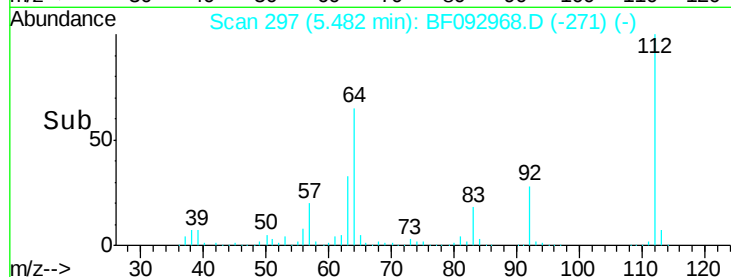
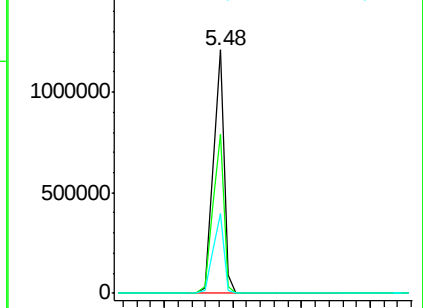
63 32.9 23.8 35.6



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: 13.69 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

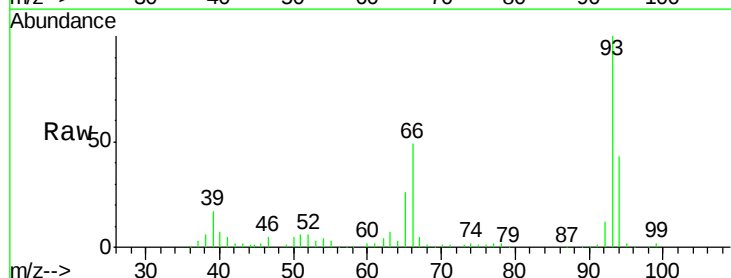
Tgt Ion: 93 Resp: 229032

Ion Ratio Lower Upper

93 100

66 48.6 76.2 114.2#

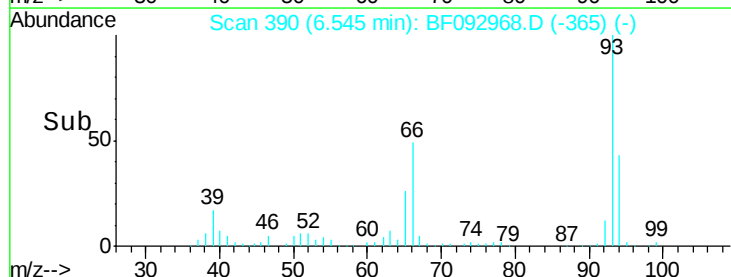
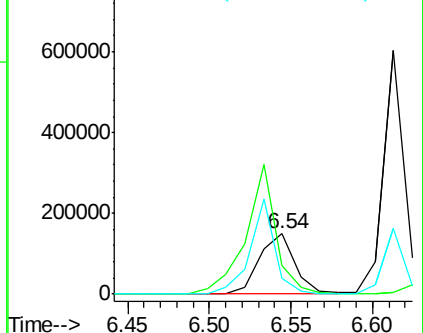
65 25.5 49.3 73.9#

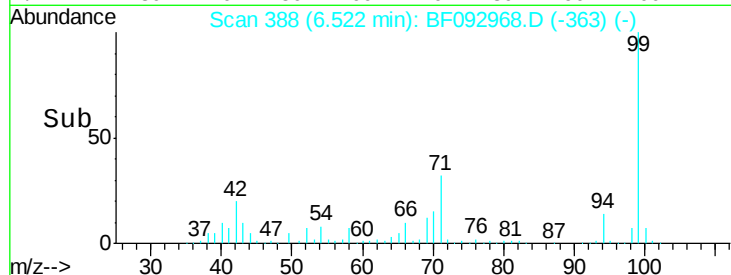
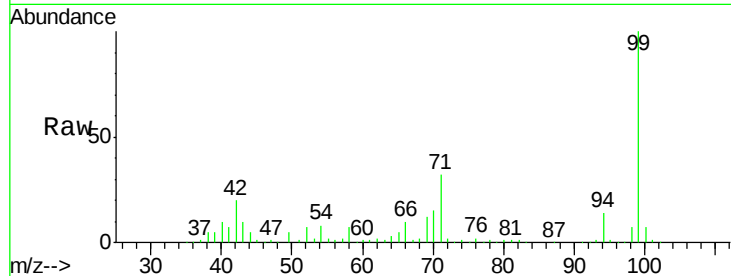
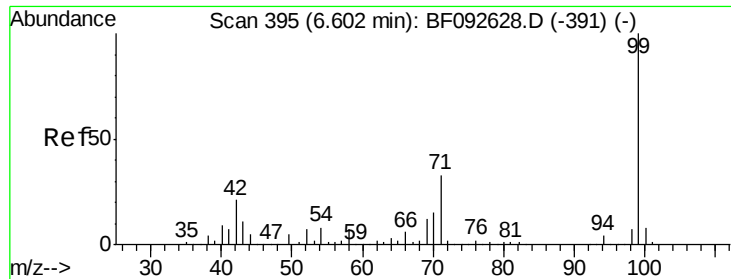


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.72 ng

RT: 6.52 min Scan# 388

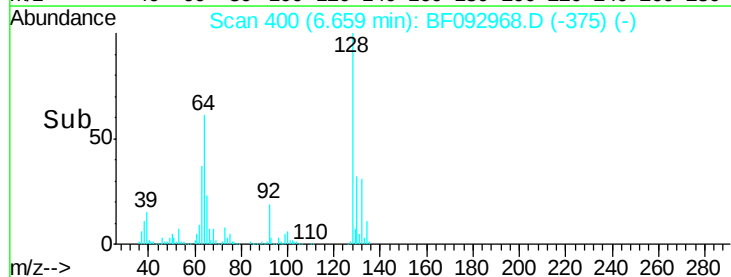
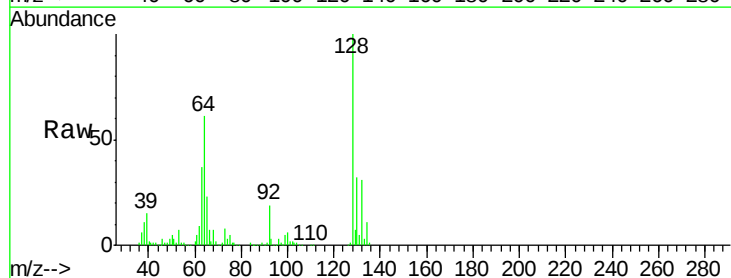
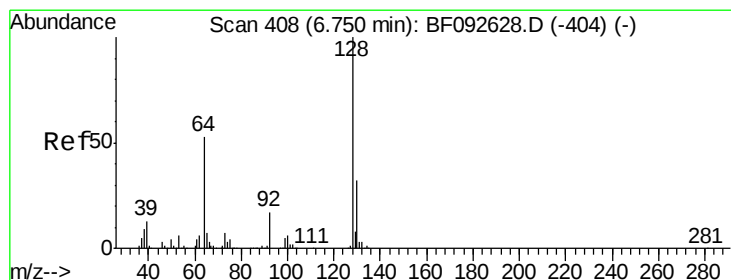
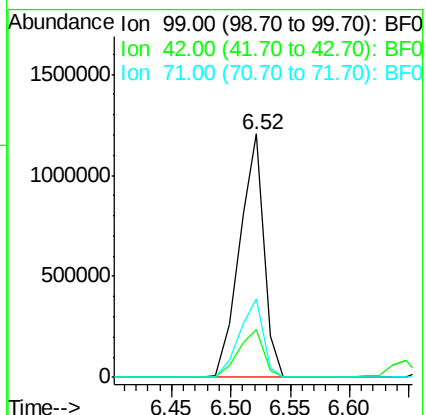
Delta R.T. -0.01 min

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Tot Ion: 99 Resp: 1713947

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.6	23.4
71	32.4	27.5	41.3



#8

2-Chlorophenol

Concen: 48.50 ng

RT: 6.66 min Scan# 400

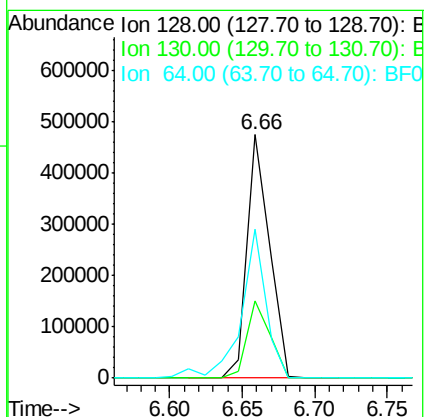
Delta R.T. -0.01 min

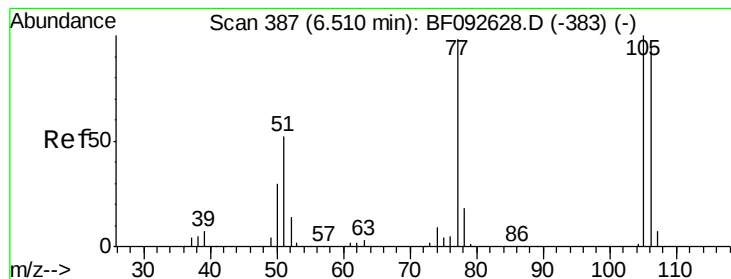
Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Tgt Ion: 128 Resp: 510156

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.3	52.3
64	61.0	32.2	72.2





#9

Benzaldehyde

Concen: 15.23 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092968.D

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ClientSampled :

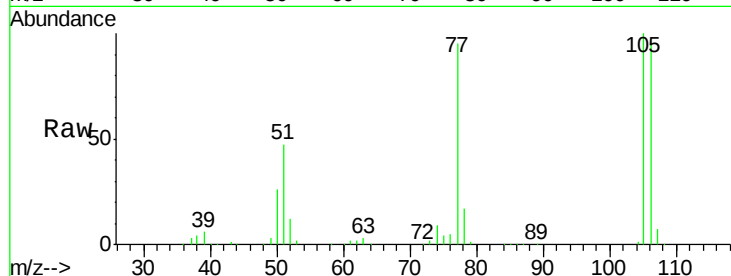
Tot Ion: 77 Resp: 133873

Ion Ratio Lower Upper

77 100

105 105.4 83.9 123.9

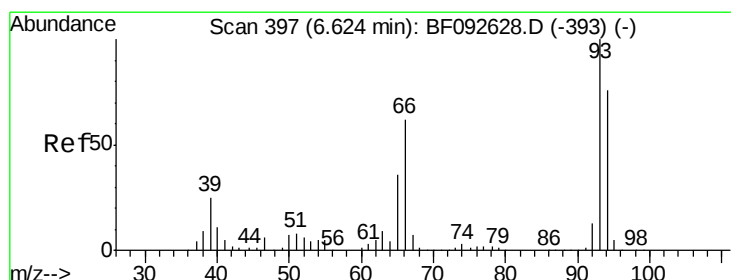
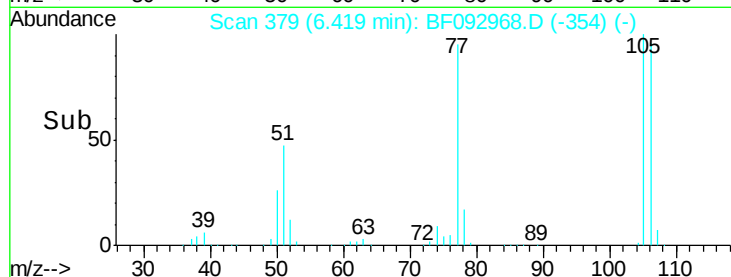
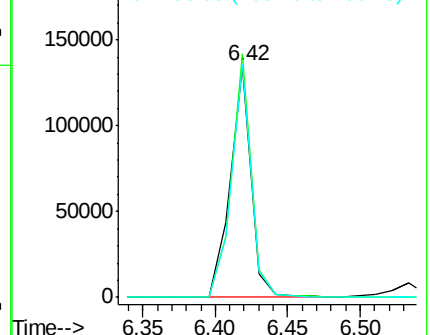
106 101.2 77.6 117.6



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: 47.50 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092968.D

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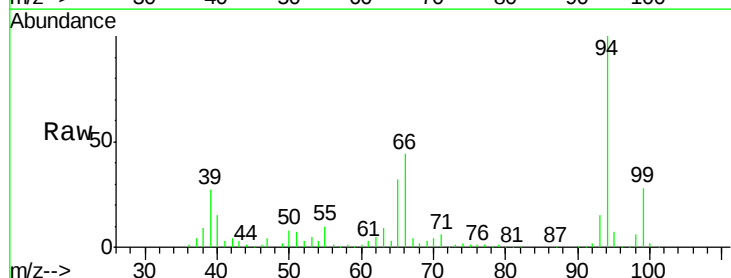
Tgt Ion: 94 Resp: 681799

Ion Ratio Lower Upper

94 100

65 32.2 21.4 61.4

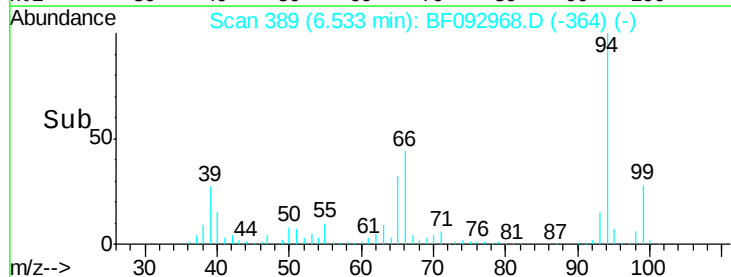
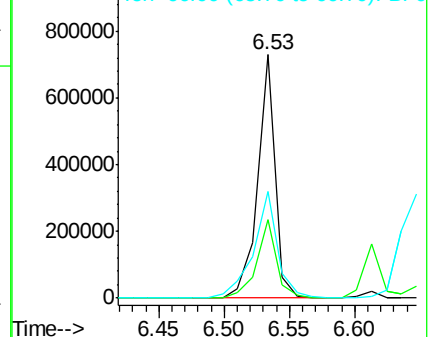
66 43.9 44.0 84.0#



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: 45.84 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

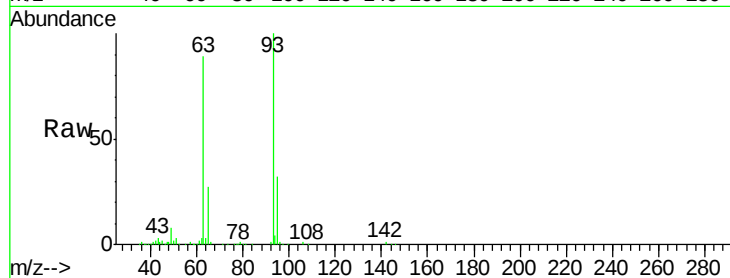
Tot Ion: 93 Resp: 525144

Ion Ratio Lower Upper

93 100

63 88.6 60.4 100.4

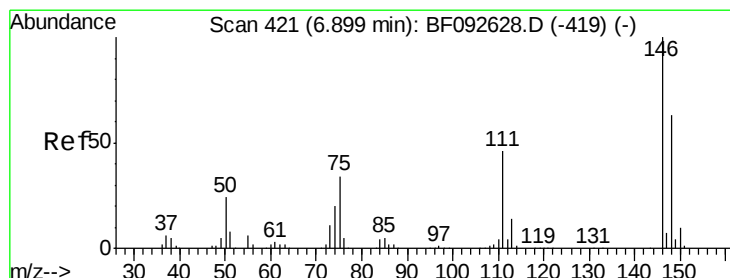
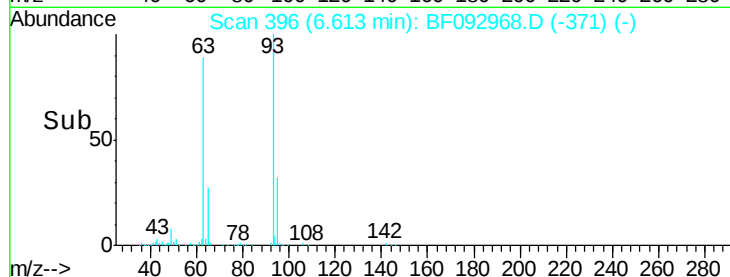
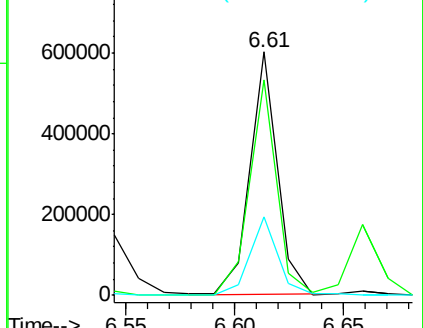
95 32.5 12.8 52.8



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: 47.73 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

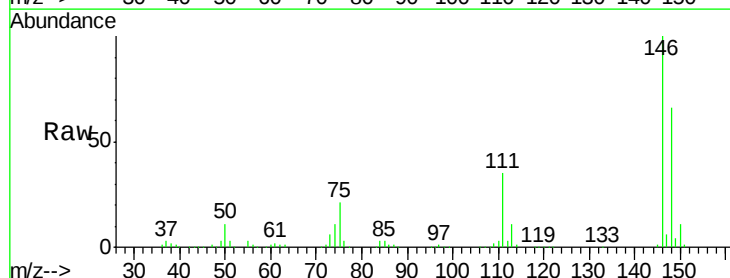
Tgt Ion: 146 Resp: 587987

Ion Ratio Lower Upper

146 100

148 65.5 53.4 80.0

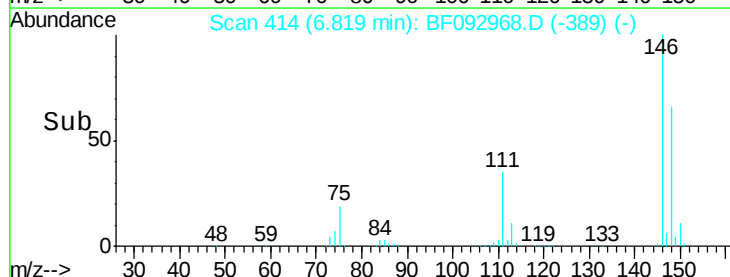
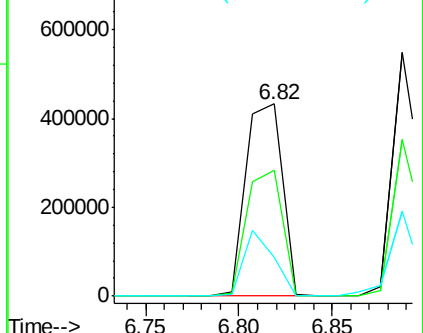
75 20.5 18.5 27.7

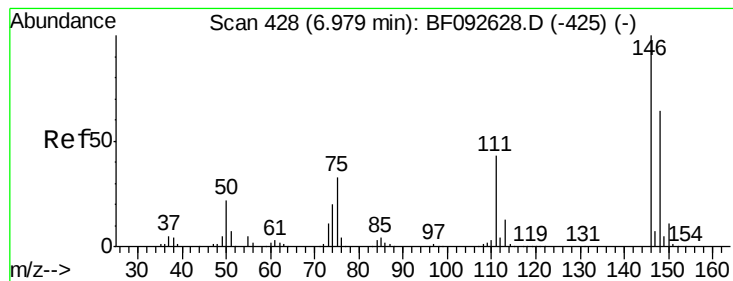


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 45.42 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

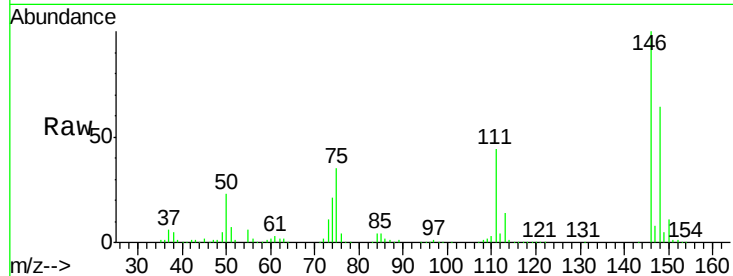
Tot Ion:146 Resp: 566329

Ion Ratio Lower Upper

146 100

148 64.2 50.6 76.0

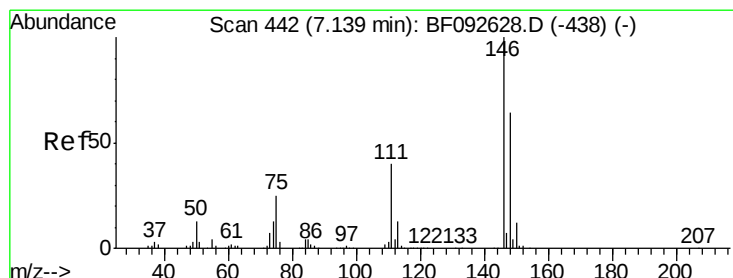
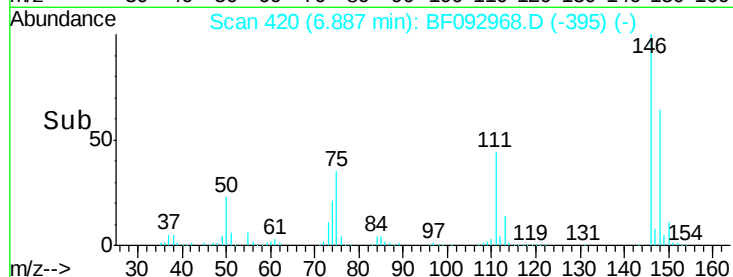
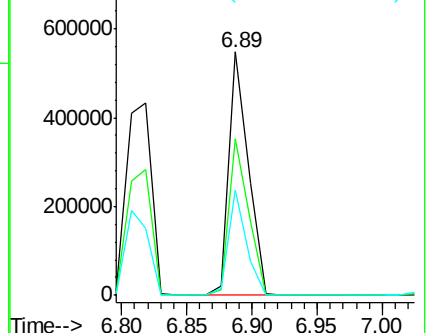
111 43.5 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.81 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

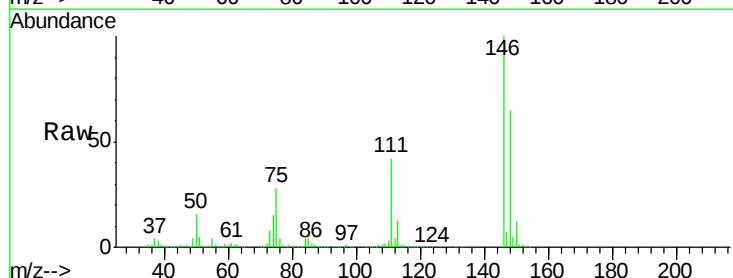
Tgt Ion:146 Resp: 570070

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.2

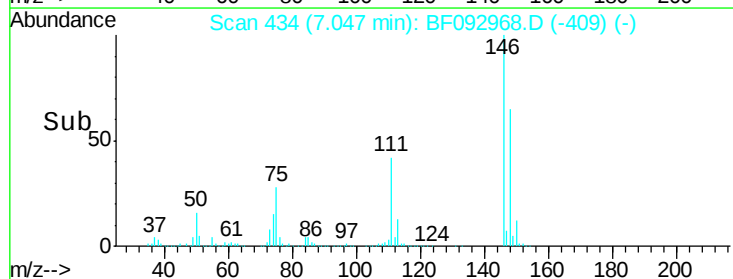
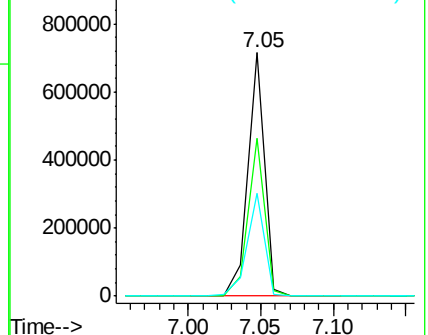
111 42.5 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

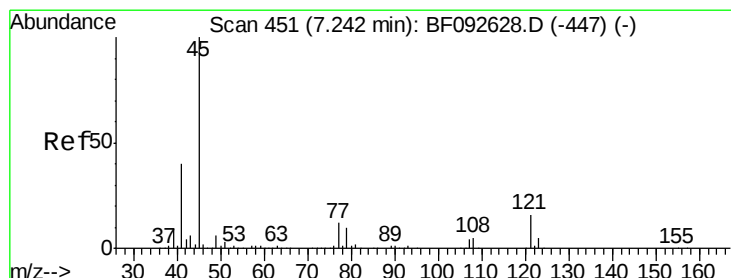
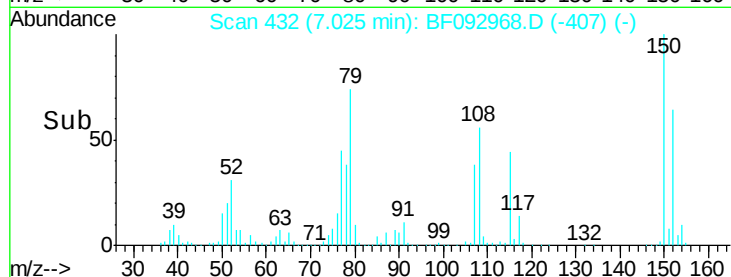
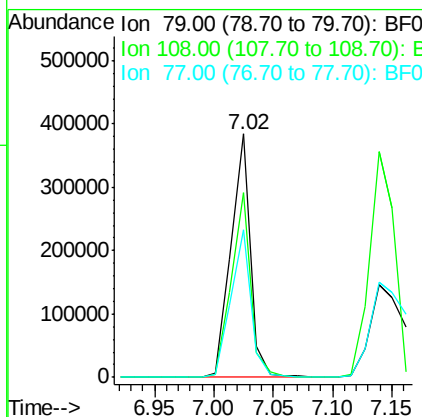
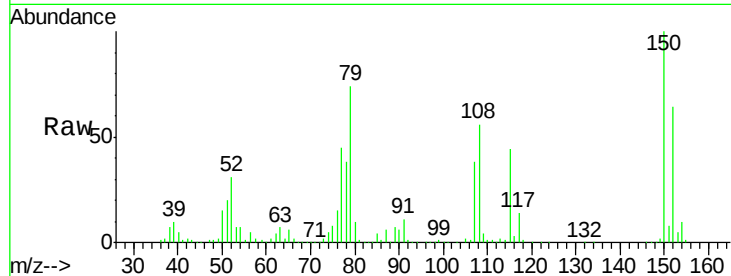




#15
Benzyl Alcohol
Concen: 48.32 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

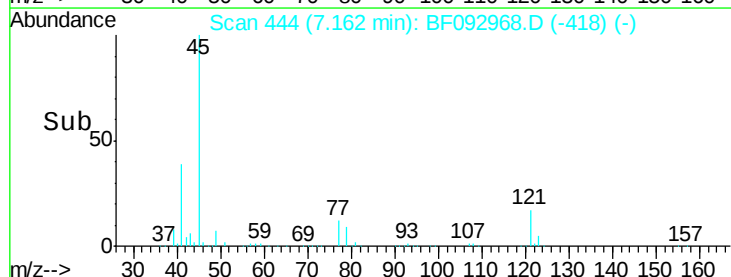
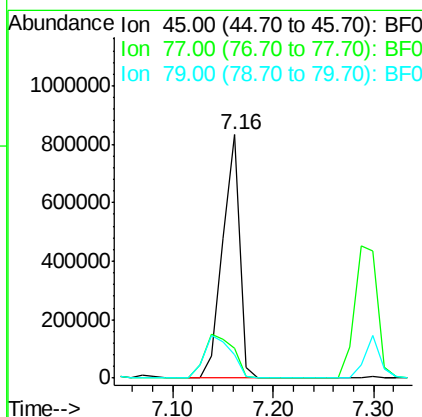
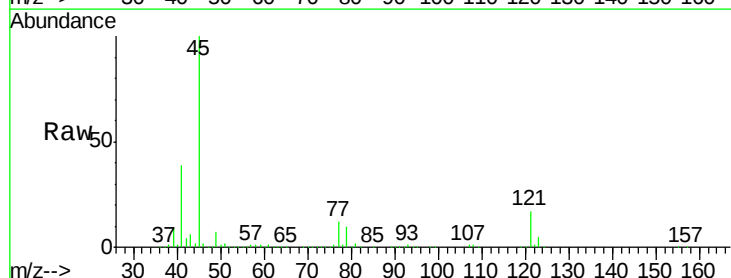
Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 438815
Ion Ratio Lower Upper
79 100
108 75.9 61.4 92.0
77 60.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.24 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Tgt Ion: 45 Resp: 979989
Ion Ratio Lower Upper
45 100
77 12.0 0.0 34.6
79 9.6 0.0 31.2





#17

2-Methylphenol

Concen: 50.67 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 457232

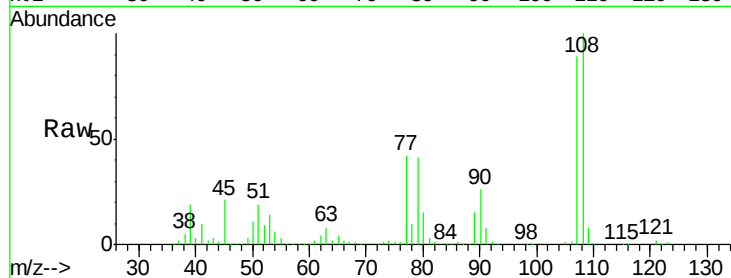
Ion Ratio Lower Upper

107 100

108 113.0 93.0 139.6

77 47.4 39.8 59.8

79 46.5 38.0 57.0

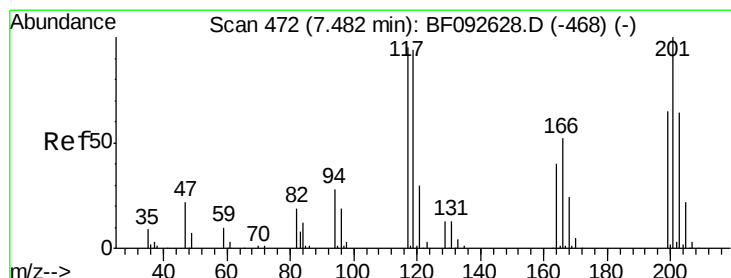
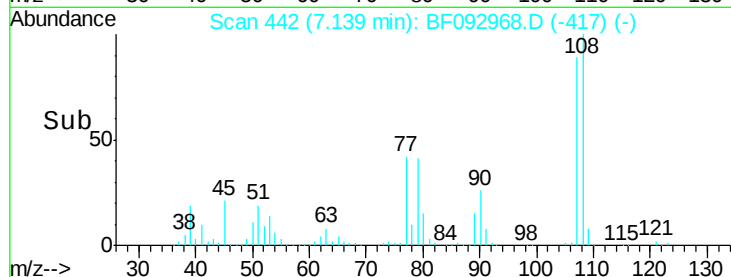
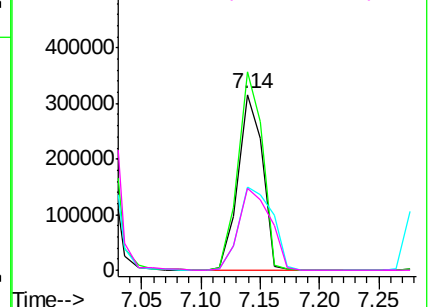


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.51 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

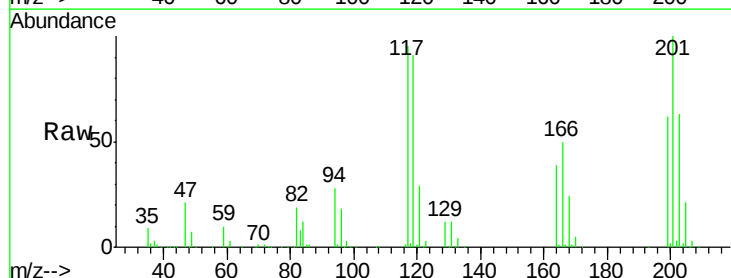
Tgt Ion:117 Resp: 206485

Ion Ratio Lower Upper

117 100

119 95.7 78.1 117.1

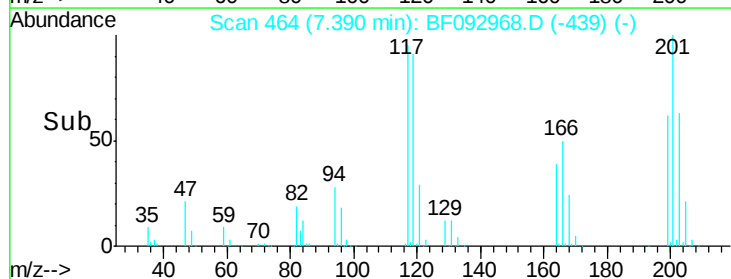
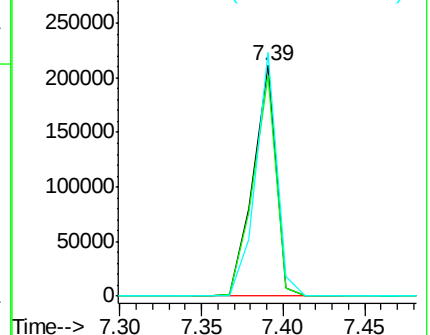
201 105.5 78.6 117.8



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: 45.64 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 356419

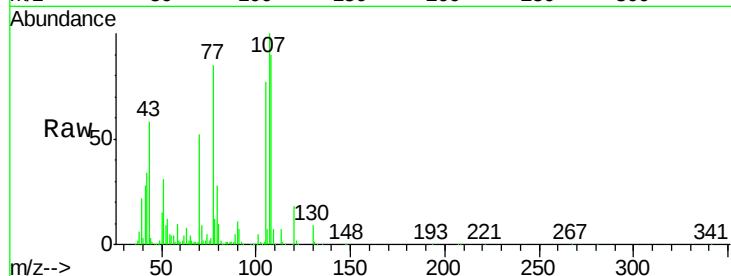
Ion Ratio Lower Upper

70 100

42 65.6 49.4 74.0

101 8.7 7.4 11.2

130 18.1 14.2 21.4



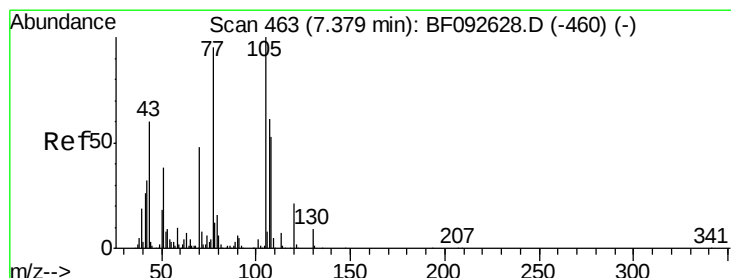
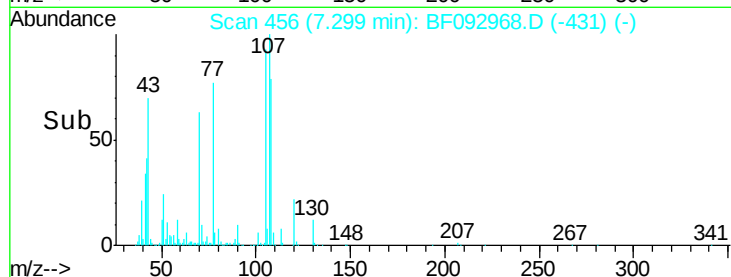
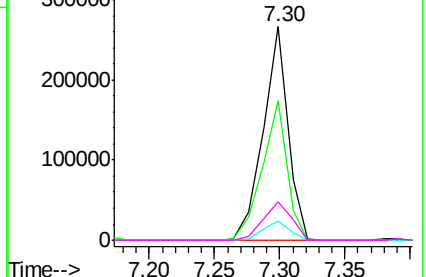
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 50.75 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Tgt Ion:107 Resp: 547586

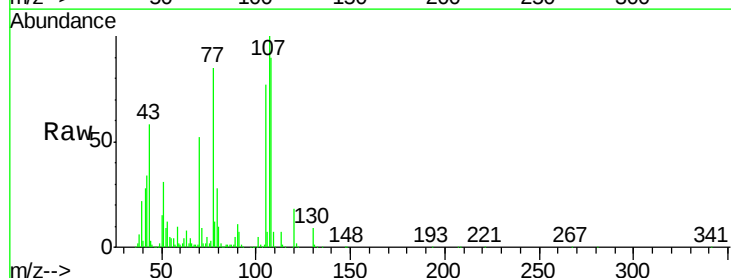
Ion Ratio Lower Upper

107 100

108 90.4 73.0 113.0

77 85.1 71.3 111.3

79 28.3 11.1 51.1



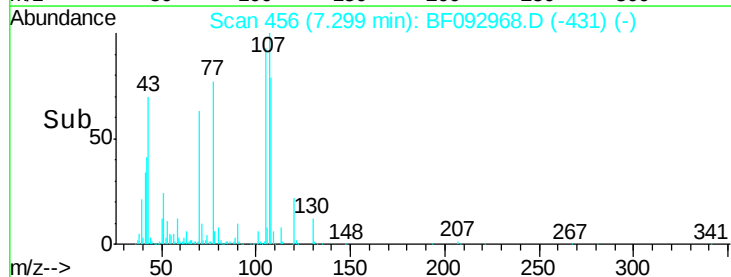
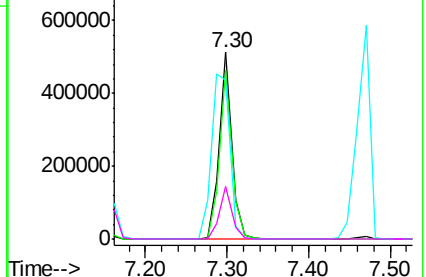
Abundance

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

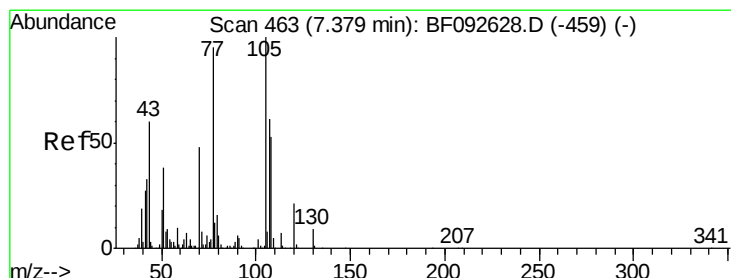
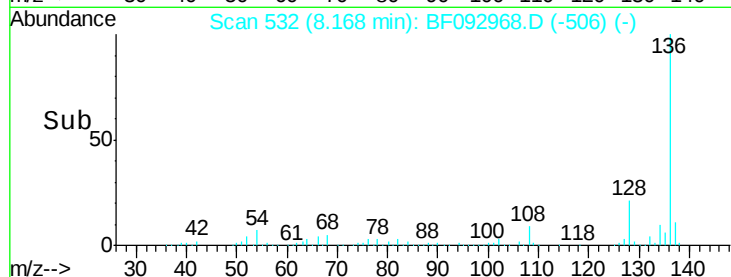
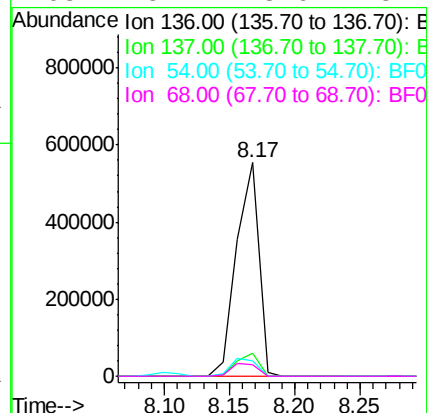
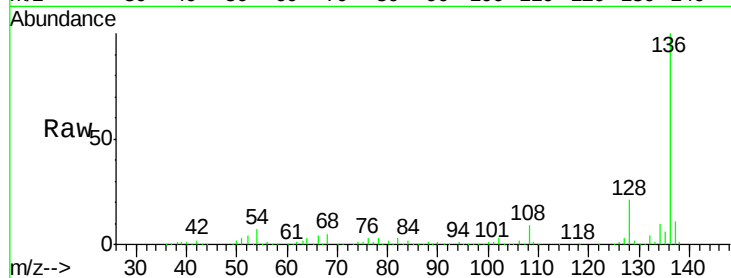




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

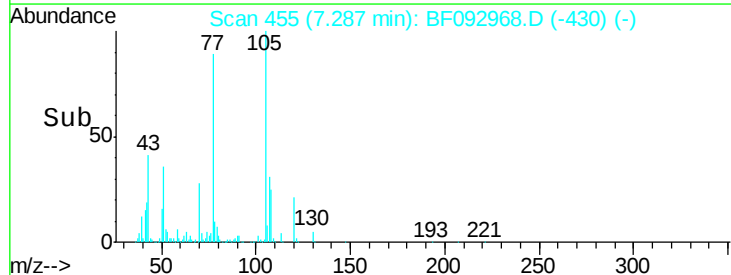
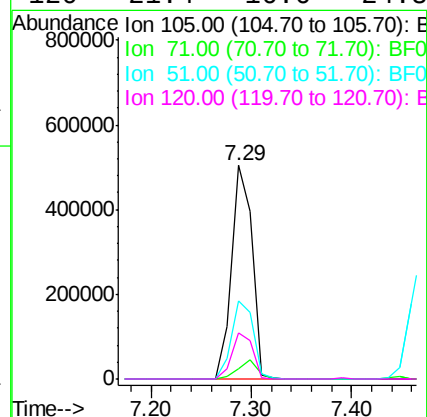
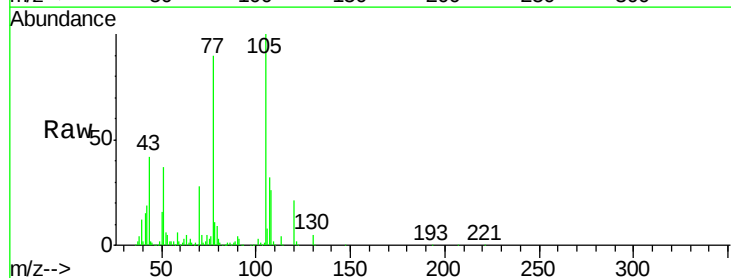
Instrument :
BNA_F
ClientSampleId :

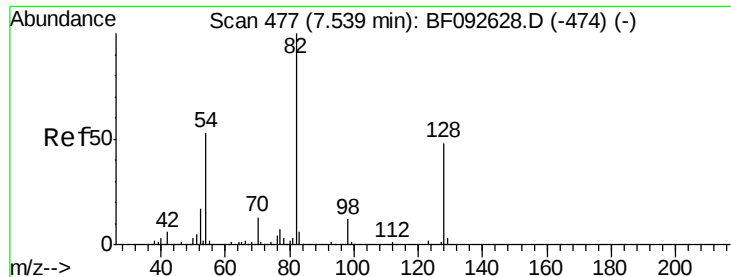
Tot Ion:136	Resp:	657702
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.4 12.6
54	7.3	4.5 6.7#
68	5.4	3.6 5.4



#22
Acetophenone
Concen: 47.37 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Tgt Ion:105	Resp:	711296
Ion Ratio	Lower	Upper
105	100	
71	4.6	3.2 4.8
51	36.9	26.2 39.4
120	21.4	16.6 24.8

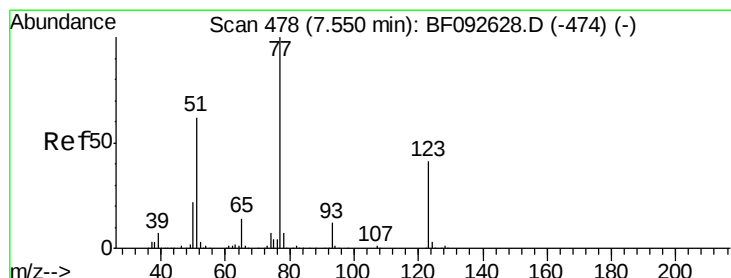
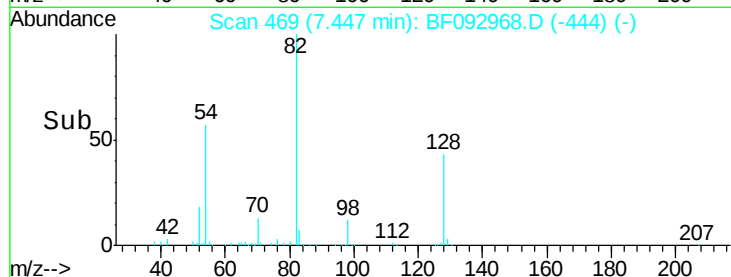
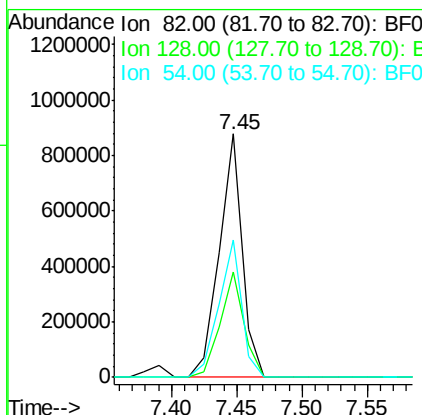
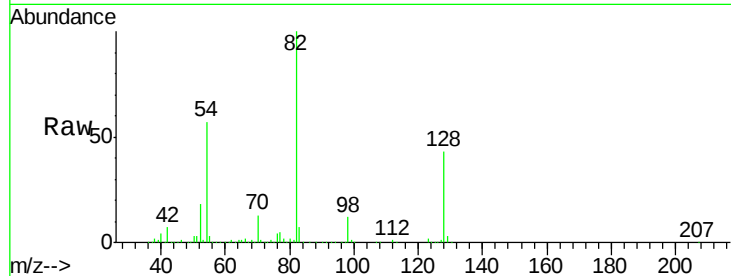




#23
 Nitrobenzene-d5
 Concen: 91.51 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

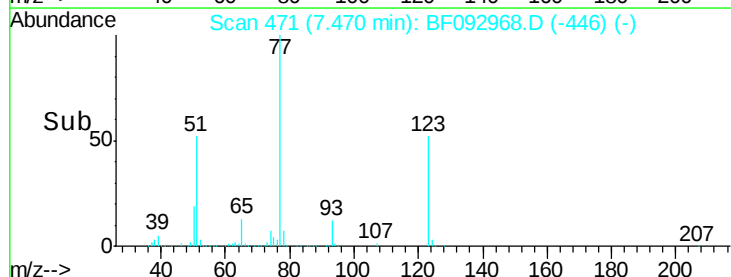
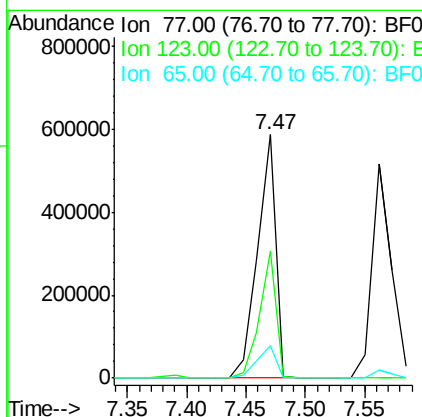
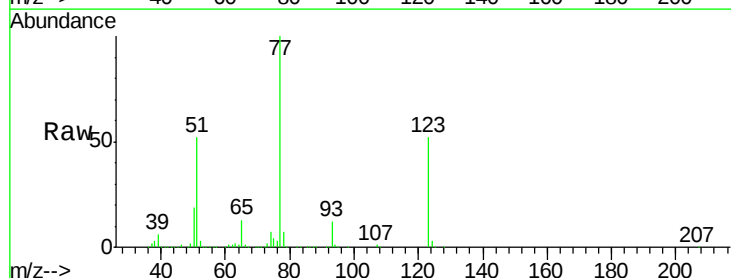
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1080826
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.6 52.0
 54 56.6 39.5 59.3



#24
 Nitrobenzene
 Concen: 52.06 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Tgt Ion: 77 Resp: 631329
 Ion Ratio Lower Upper
 77 100
 123 52.3 33.0 49.4#
 65 13.4 11.2 16.8





#25

Isophorone

Concen: 50.36 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampled :

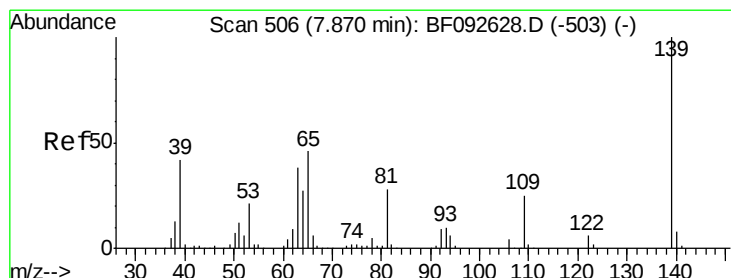
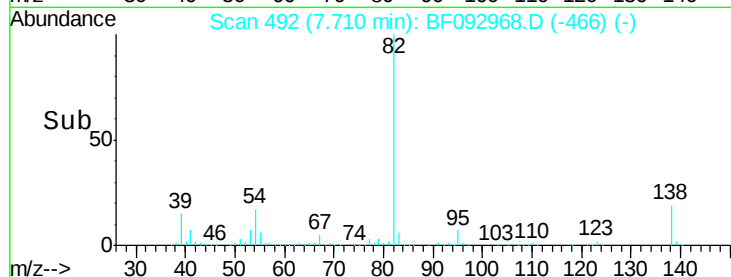
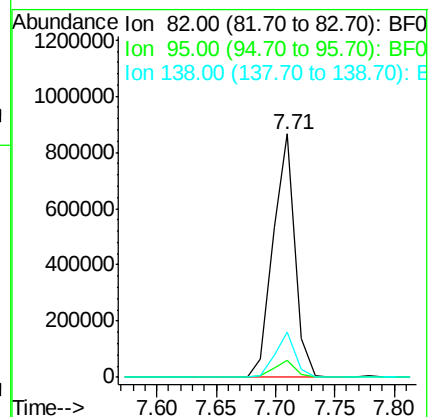
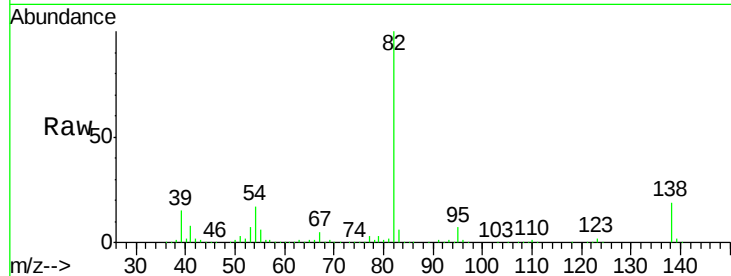
Tot Ion: 82 Resp: 1108237

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 18.8 14.6 22.0



#26

2-Nitrophenol

Concen: 50.41 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

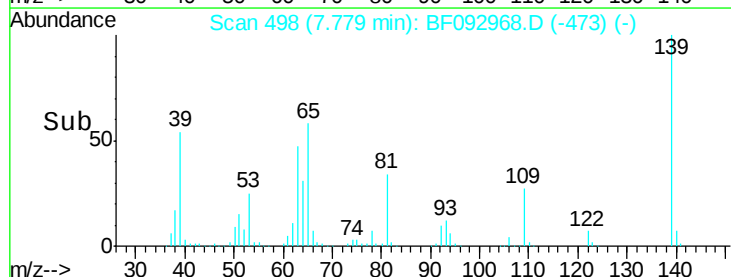
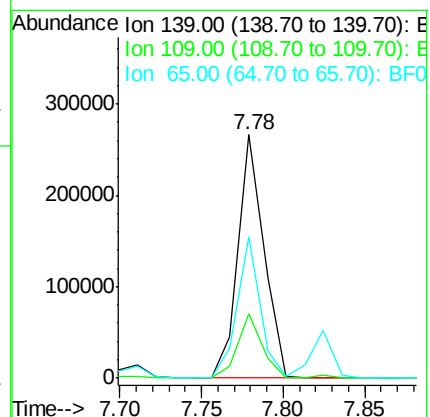
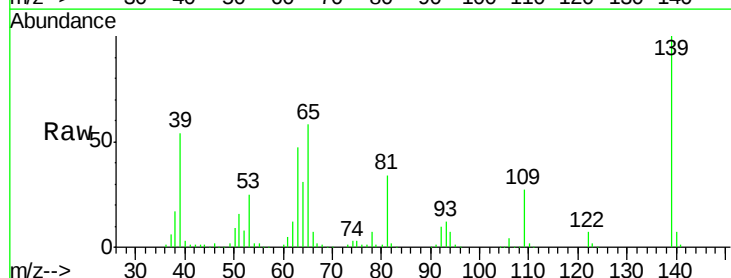
Tgt Ion: 139 Resp: 290578

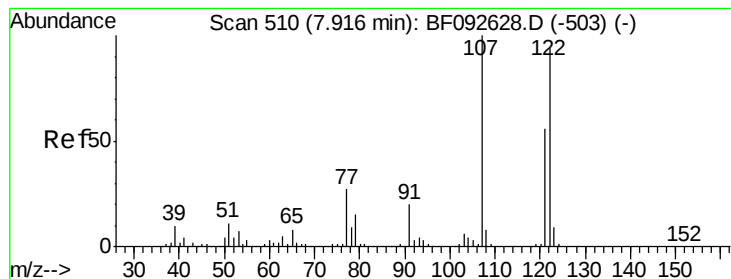
Ion Ratio Lower Upper

139 100

109 26.6 23.3 34.9

65 58.1 42.7 64.1

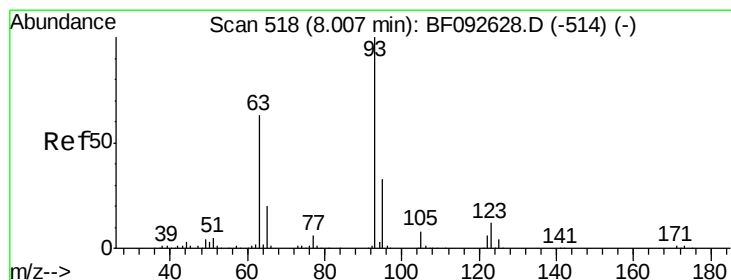
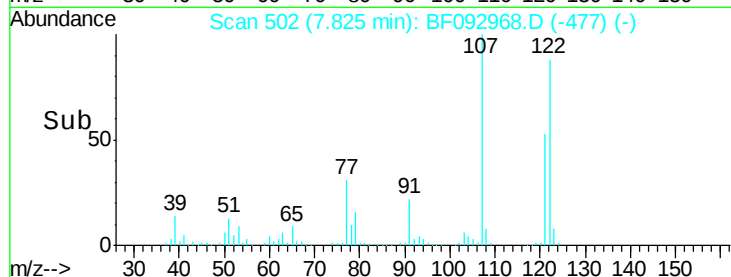
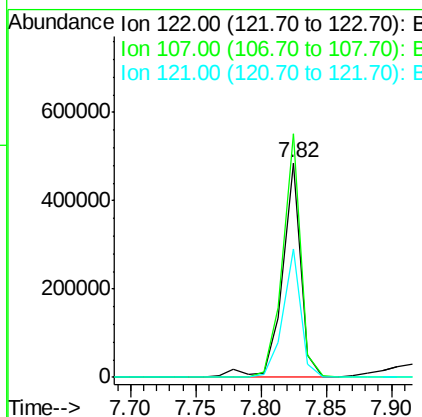
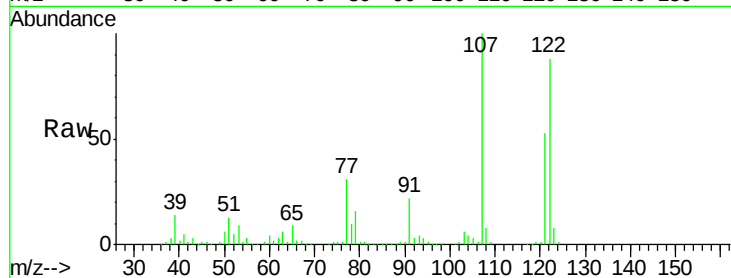




#27
 2,4-Dimethylphenol
 Concen: 48.33 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

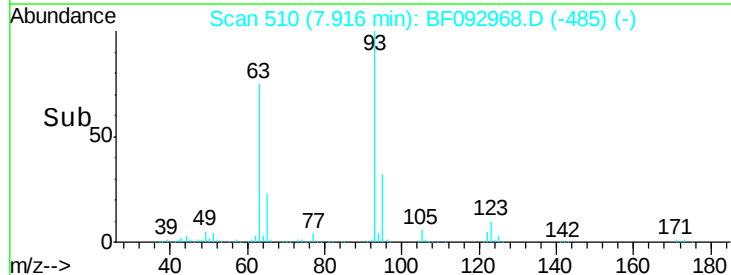
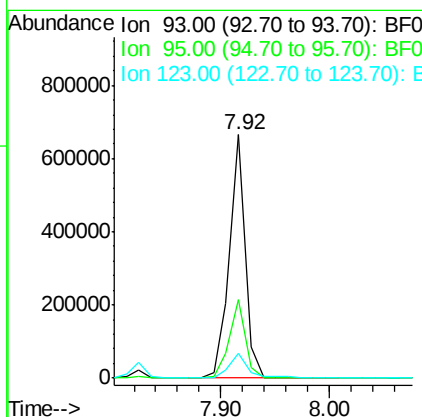
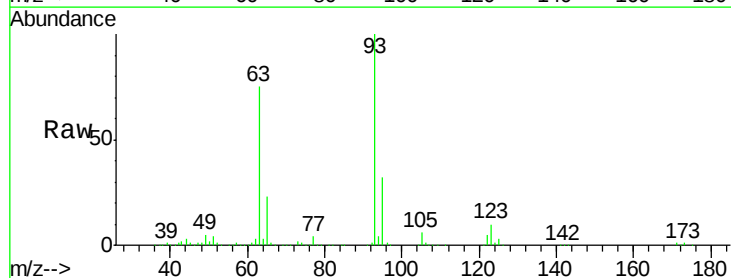
Instrument :
 BNA_F
 ClientSampleId :

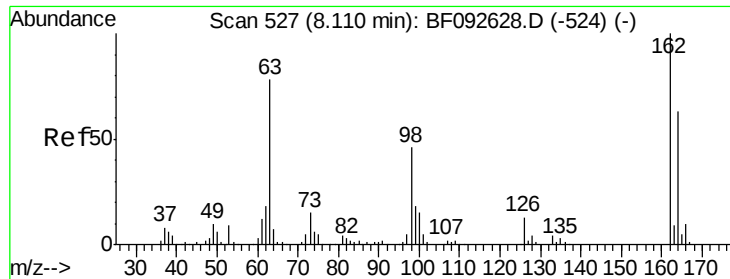
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	94.1	141.1
121	59.6	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.76 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	10.2	8.6	13.0

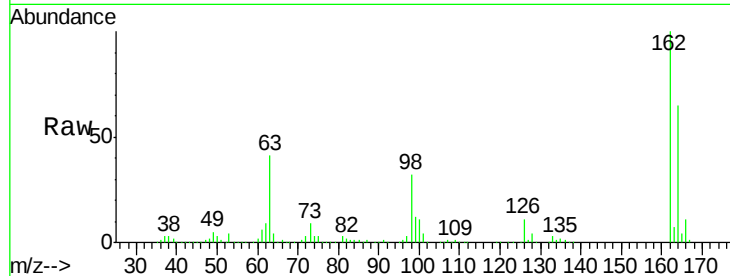




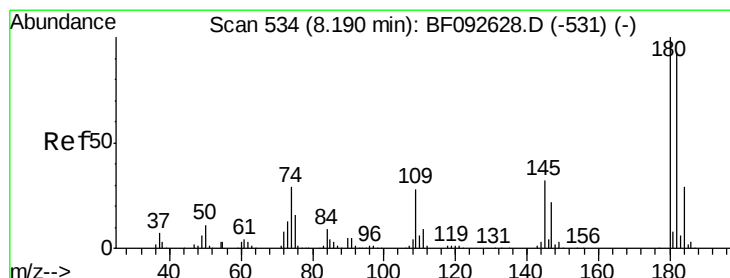
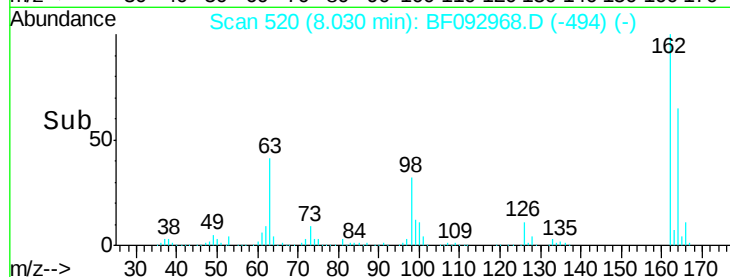
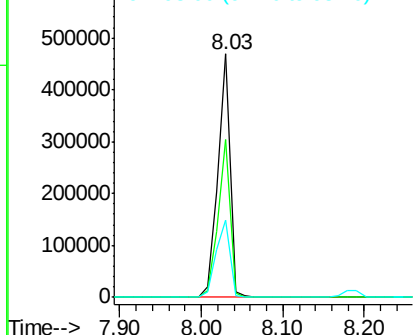
#29
 2,4-Dichlorophenol
 Concen: 51.58 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.8	86.8
98	31.5	9.1	49.1

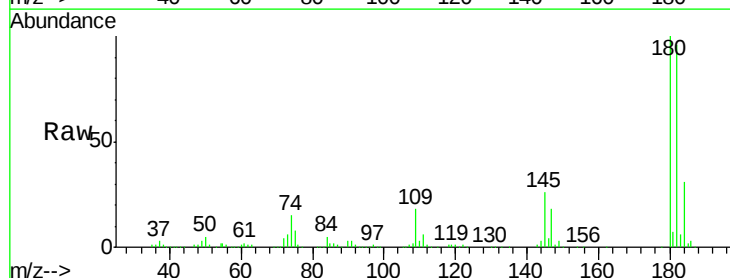


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

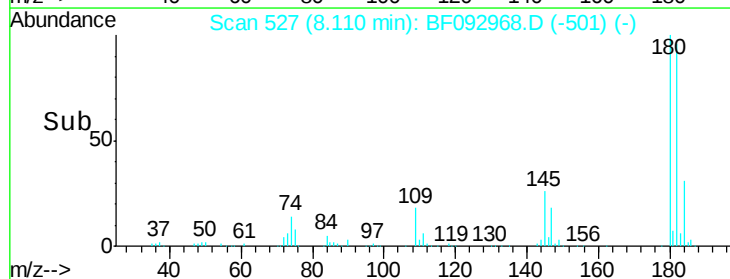
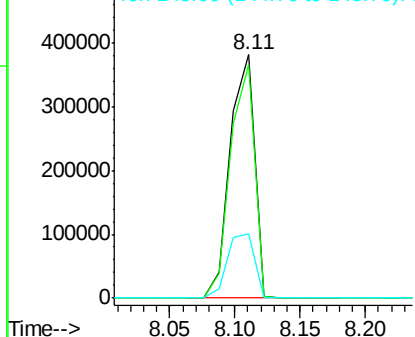


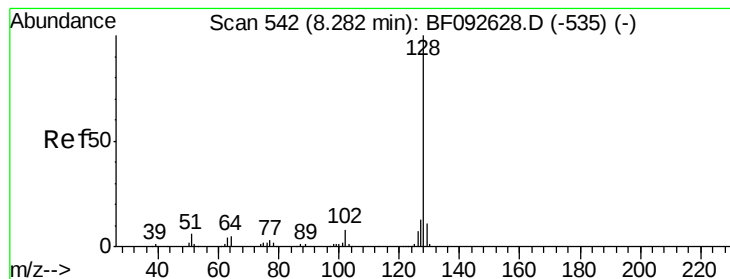
#30
 1,2,4-Trichlorobenzene
 Concen: 48.57 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.2	117.4
145	26.2	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: 46.18 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

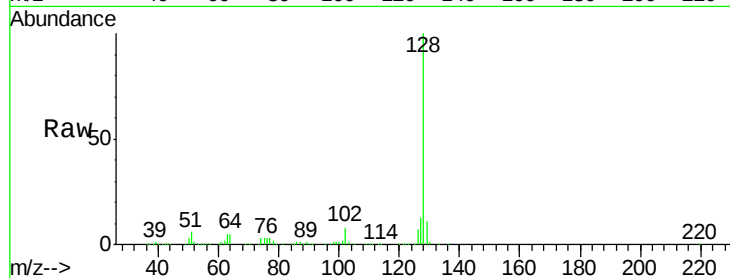
Tot Ion:128 Resp: 1539718

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

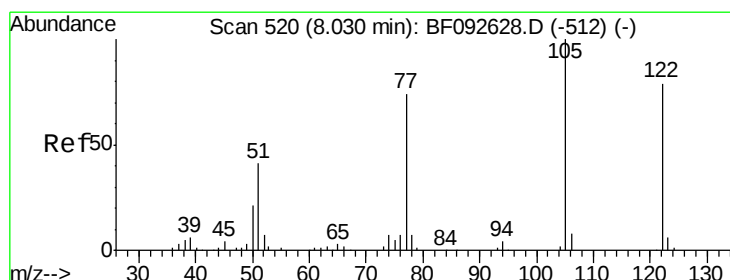
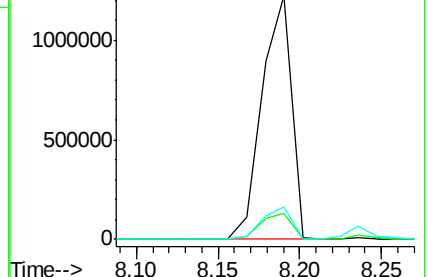
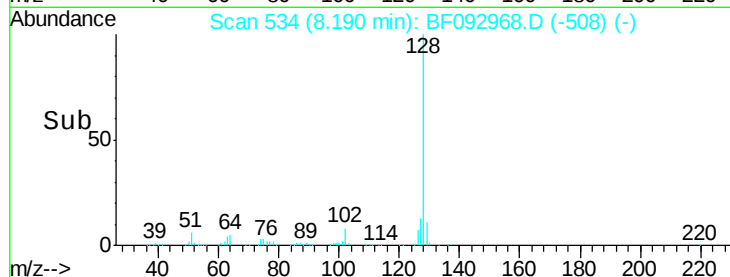
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.99 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

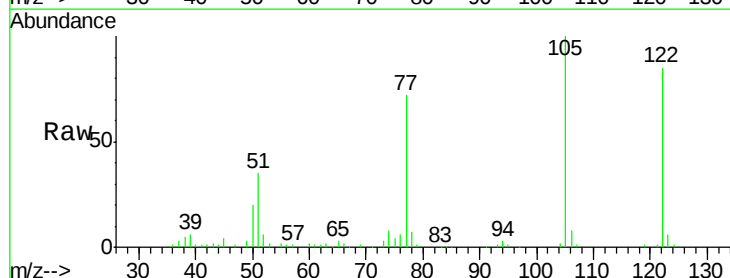
Tgt Ion:122 Resp: 234846

Ion Ratio Lower Upper

122 100

105 117.8 107.2 147.2

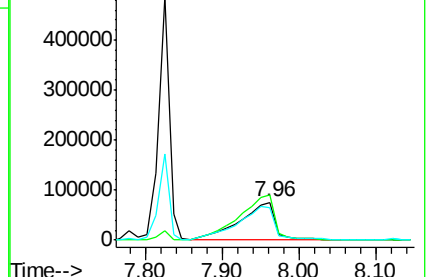
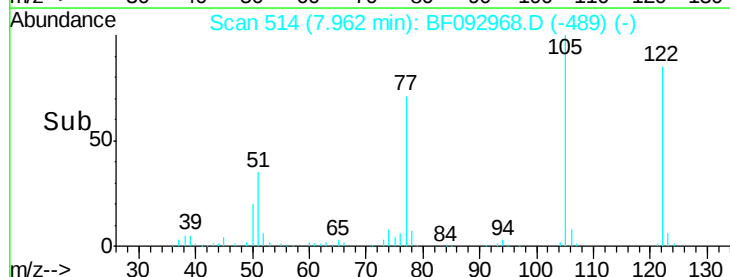
77 85.3 74.5 114.5



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

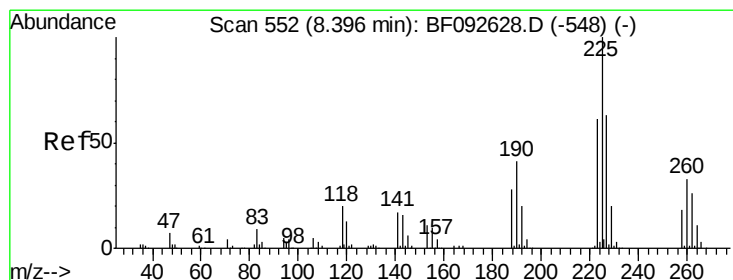
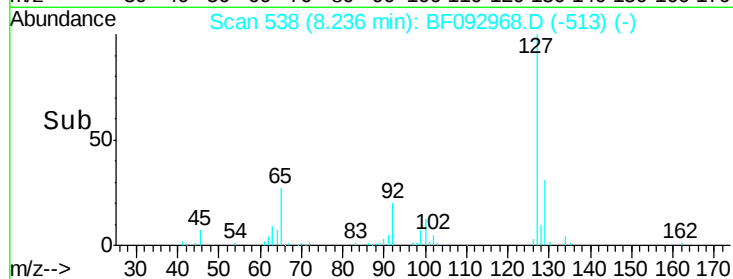
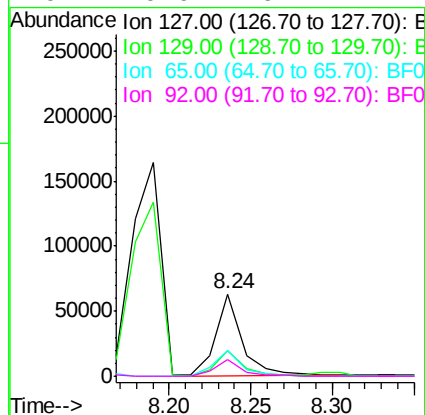
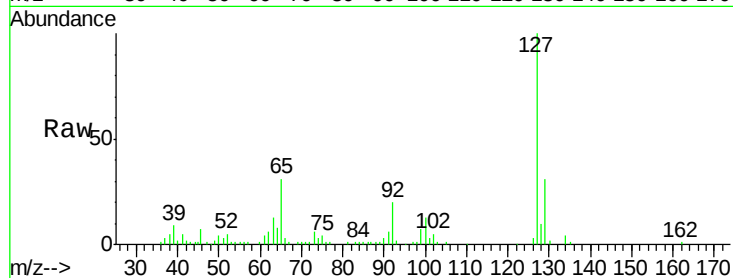




#33
4-Chloroaniline
Concen: 5.43 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

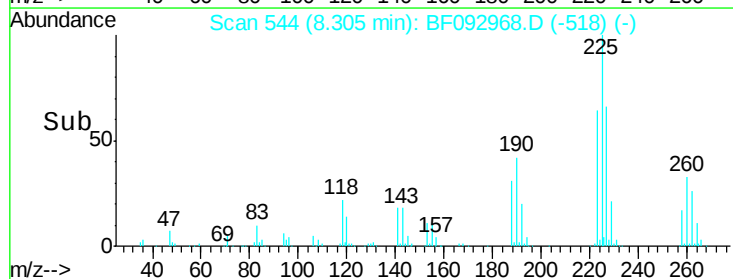
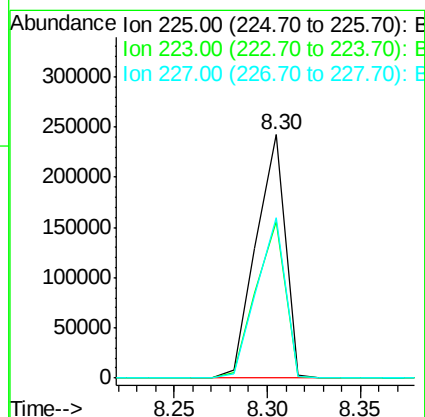
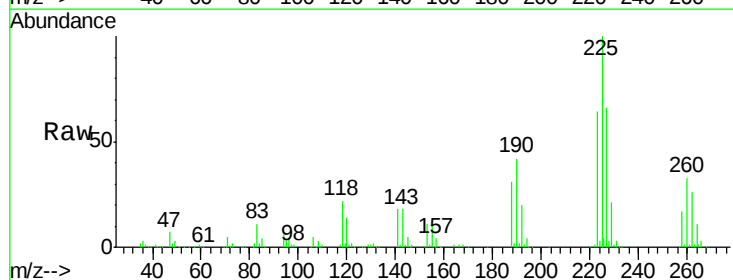
Instrument :
BNA_F
ClientSampled :

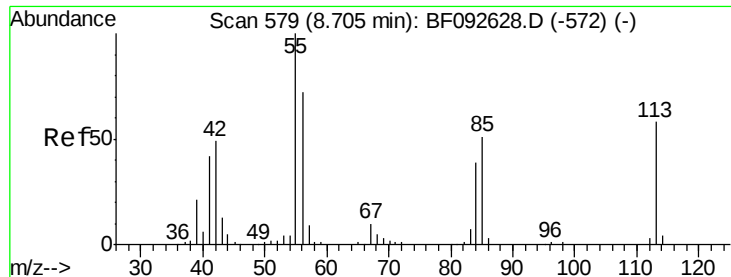
Tot Ion:	127	Resp:	71015
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.3	39.5
65	31.2	25.8	38.8
92	19.9	16.1	24.1



#34
Hexachlorobutadiene
Concen: 46.71 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Tgt Ion:	225	Resp:	261512
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	65.8	50.6	76.0

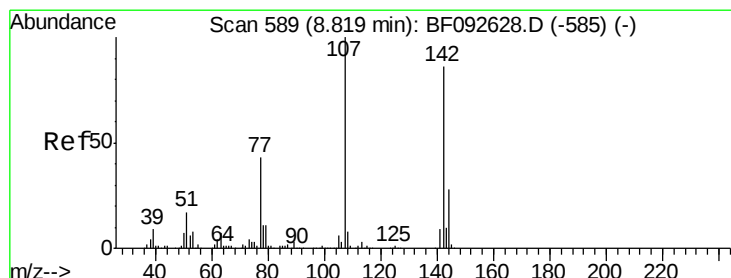
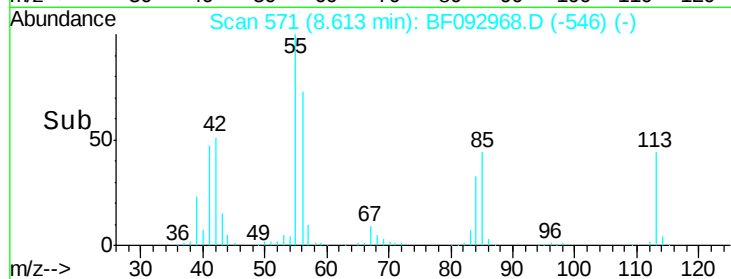
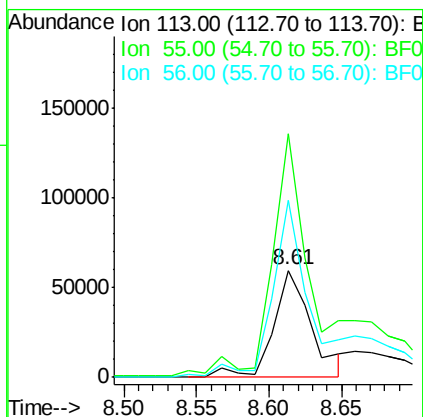
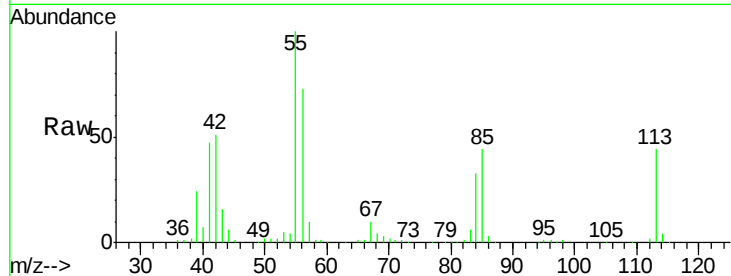




#35
 Caprolactam
 Concen: 36.23 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

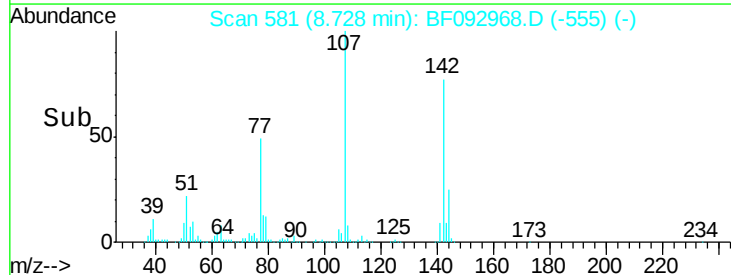
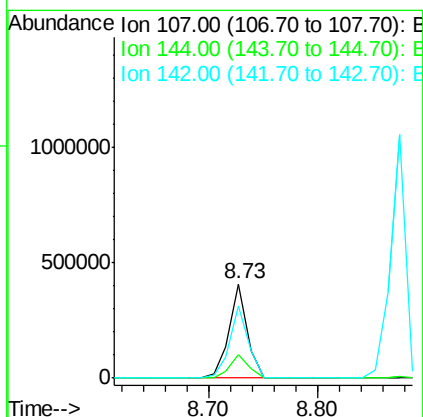
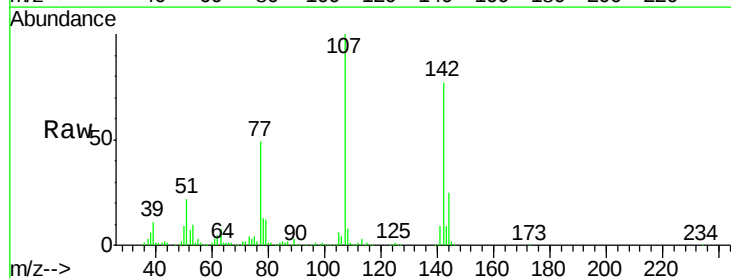
Instrument :
 BNA_F
 ClientSampled :

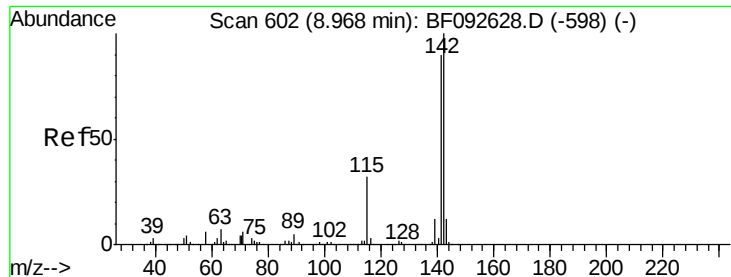
Tot Ion:113 Resp: 107619
 Ion Ratio Lower Upper
 113 100
 55 228.1 119.2 159.2#
 56 165.9 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 47.83 ng
 RT: 8.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Tgt Ion:107 Resp: 470852
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.3 28.9
 142 76.5 59.0 88.6

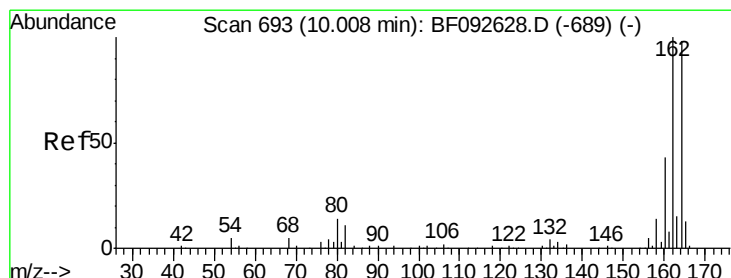
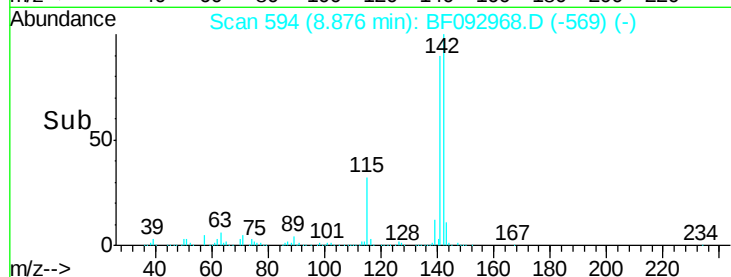
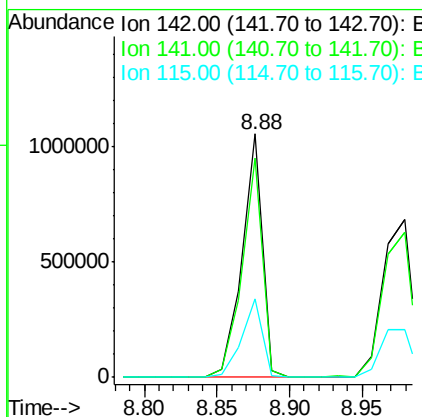
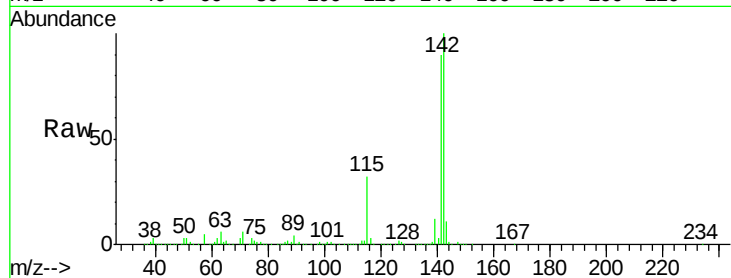




#37
2-Methylnaphthalene
Concen: 48.15 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

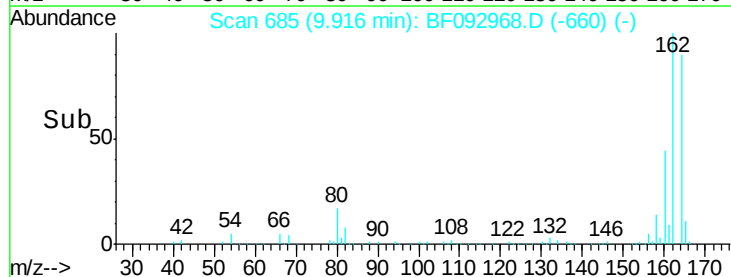
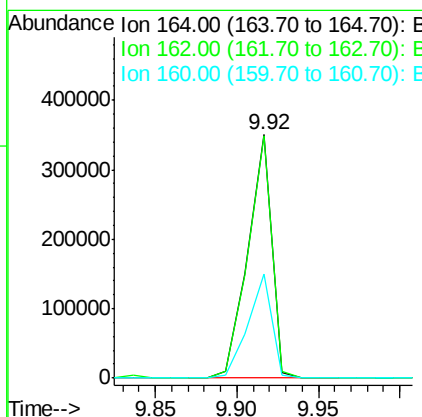
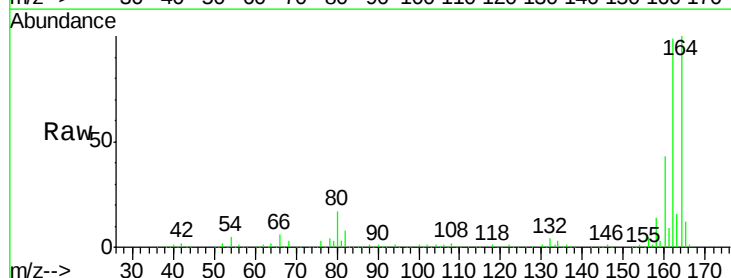
Instrument :
BNA_F
ClientSampled :

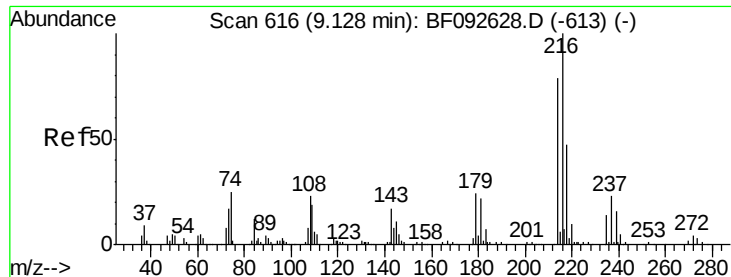
Tot Ion:142 Resp: 1030804
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.6
115 32.2 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Tgt Ion:164 Resp: 355450
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.2
160 42.8 36.9 55.3

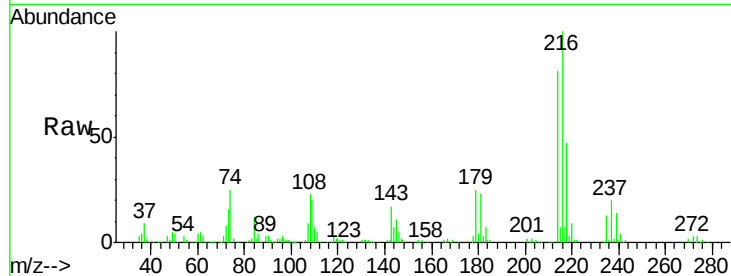




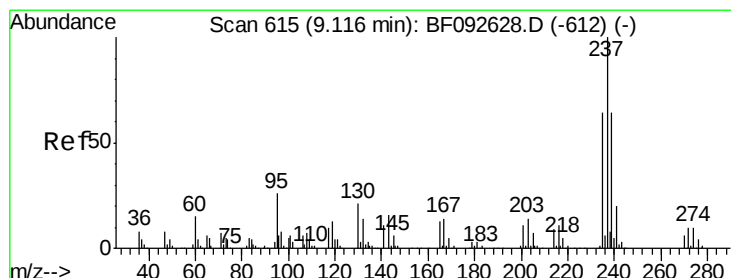
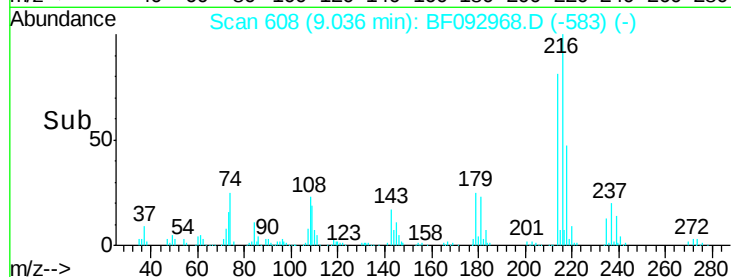
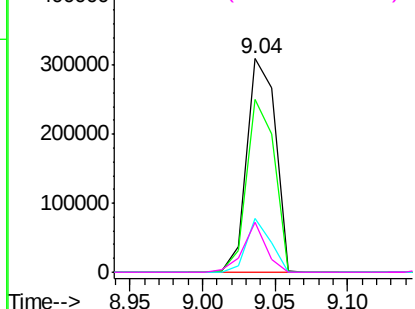
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.49 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	423948
Ion Ratio	Lower	Upper
216	100	
214	78.7	63.4 95.0
179	21.2	17.4 26.2
108	18.9	15.6 23.4

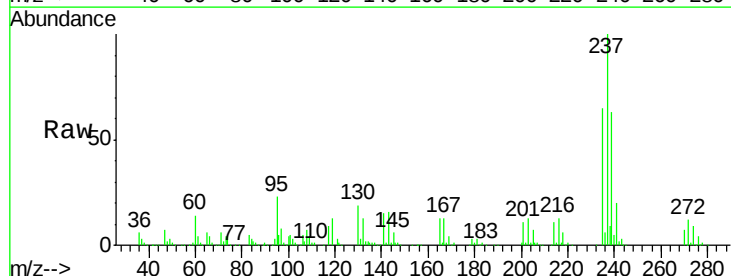


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

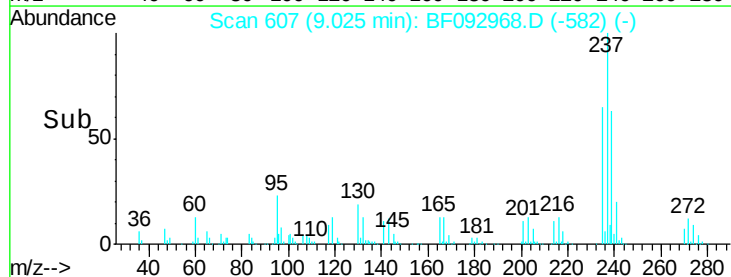
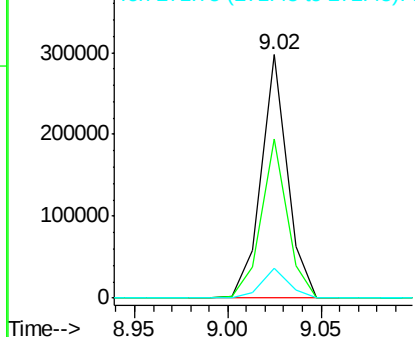


#40
 Hexachlorocyclopentadiene
 Concen: 64.35 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Tgt Ion:237	Resp:	289672
Ion Ratio	Lower	Upper
237	100	
235	65.2	41.2 81.2
272	12.2	0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

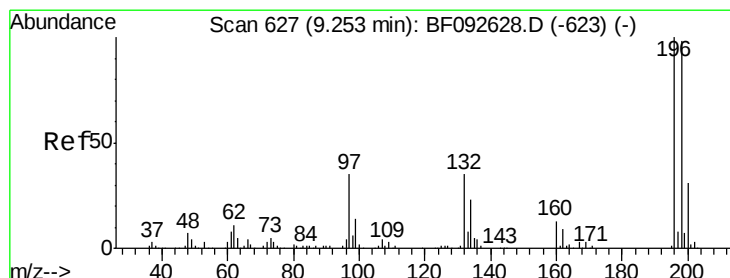
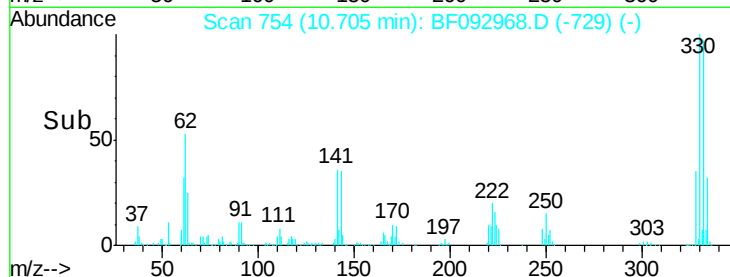
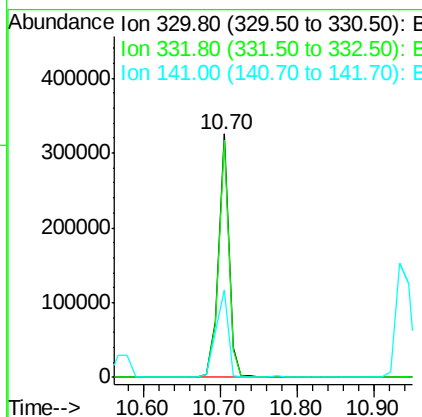
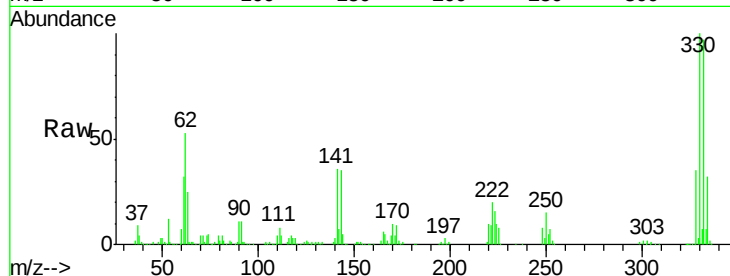




#41
 2,4,6-Tribromophenol
 Concen: 120.69 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

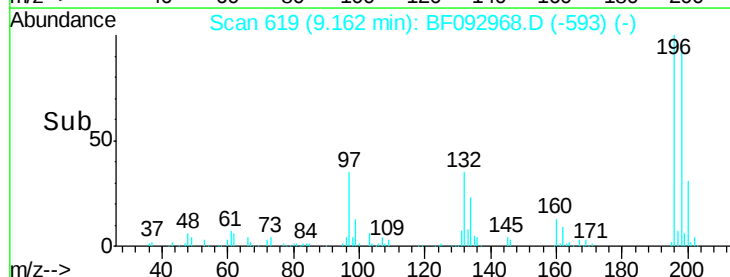
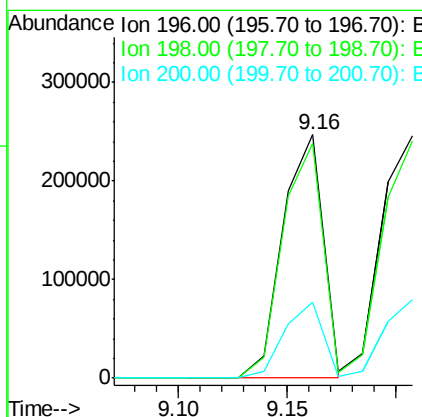
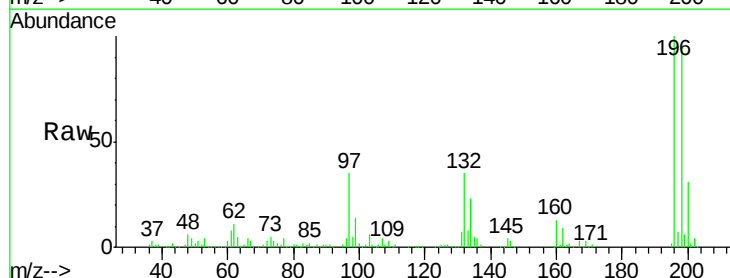
Instrument :
 BNA_F
 ClientSampleId :

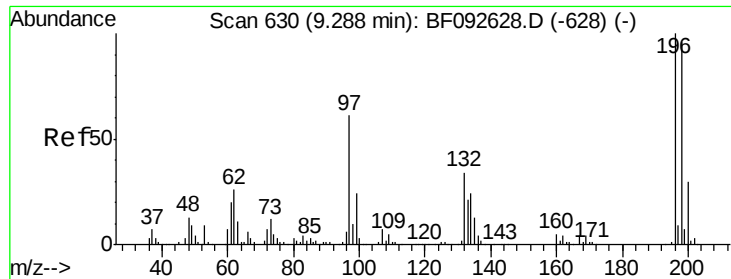
Tot Ion:330 Resp: 310280
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 41.4 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 48.84 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Tgt Ion:196 Resp: 320206
 Ion Ratio Lower Upper
 196 100
 198 96.1 82.1 123.1
 200 31.3 27.0 40.4

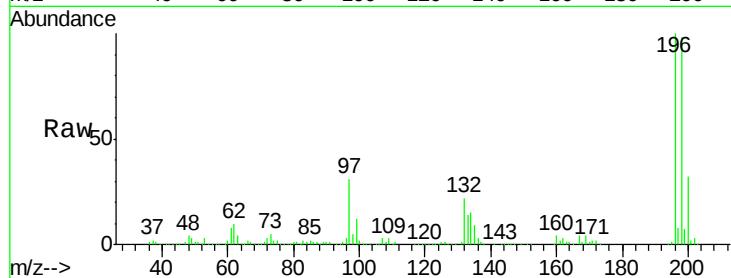




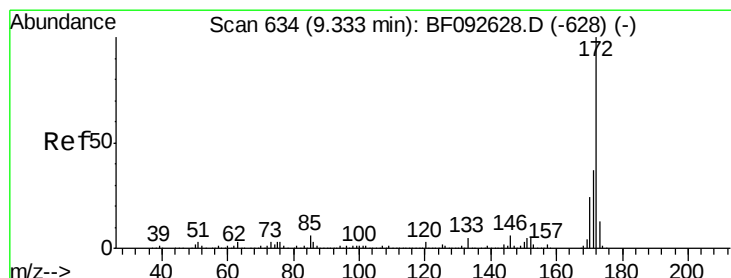
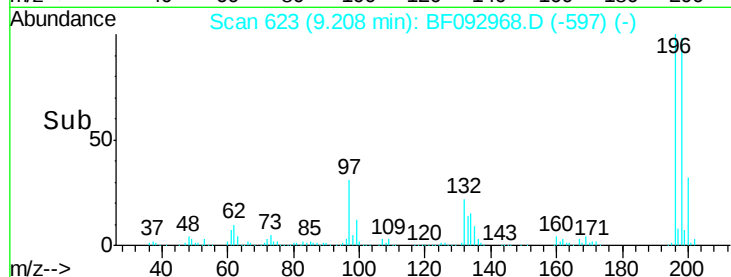
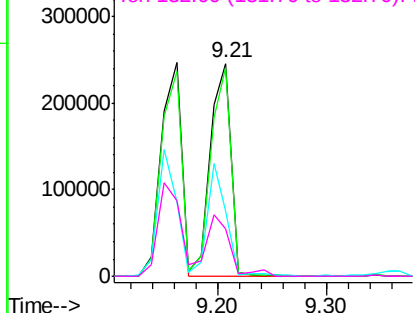
#43
 2,4,5-Trichlorophenol
 Concen: 45.59 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	79.4	119.2
97	30.8	51.5	77.3#
132	22.1	27.4	41.2#

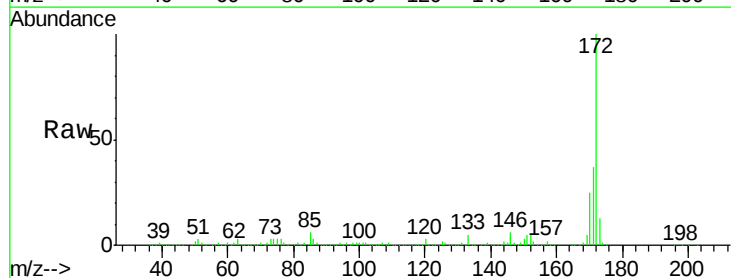


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

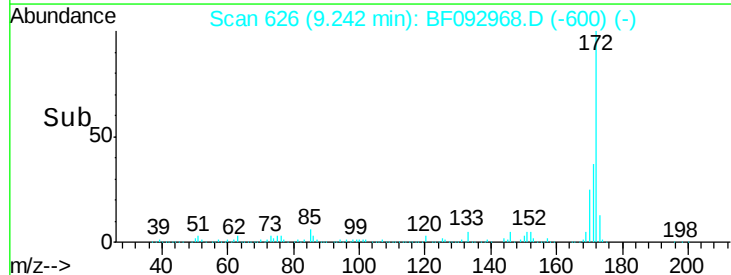
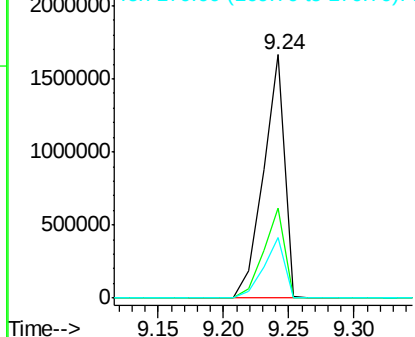


#44
 2-Fluorobiphenyl
 Concen: 96.23 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.9	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: 43.82 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

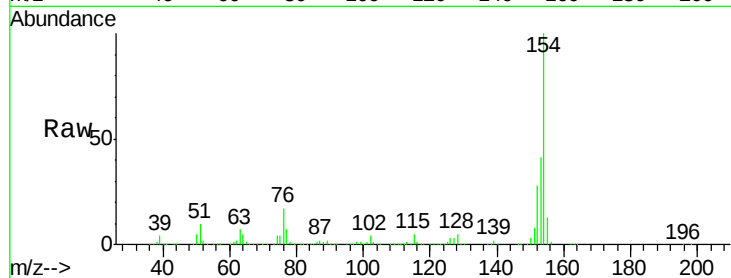
Tot Ion:154 Resp: 1127943

Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

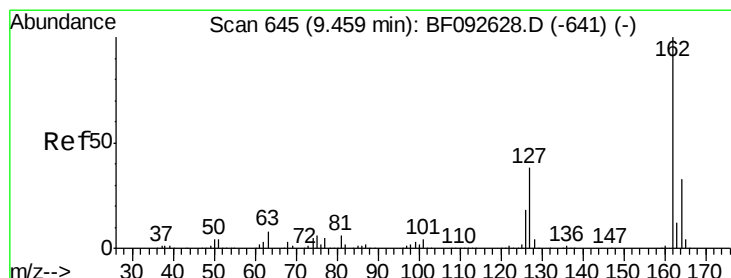
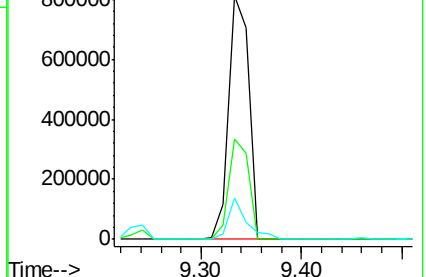
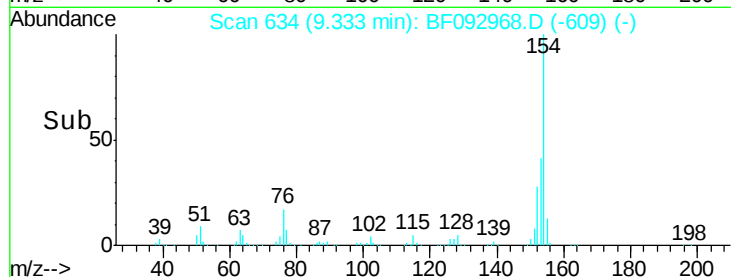
76 16.9 0.0 30.5



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: 48.80 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

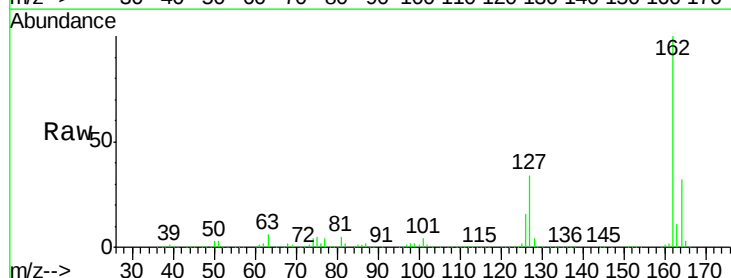
Tgt Ion:162 Resp: 982477

Ion Ratio Lower Upper

162 100

127 33.9 30.7 46.1

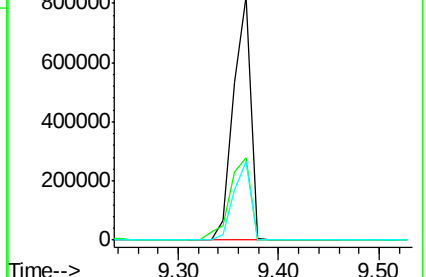
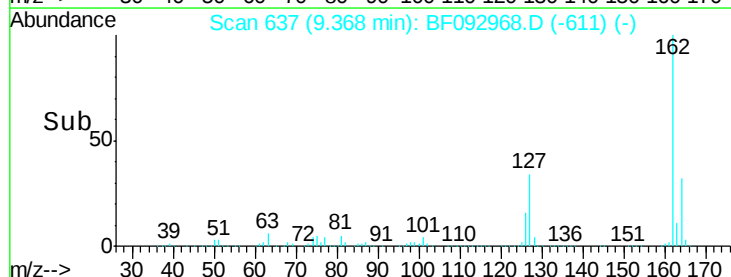
164 32.4 27.6 41.4

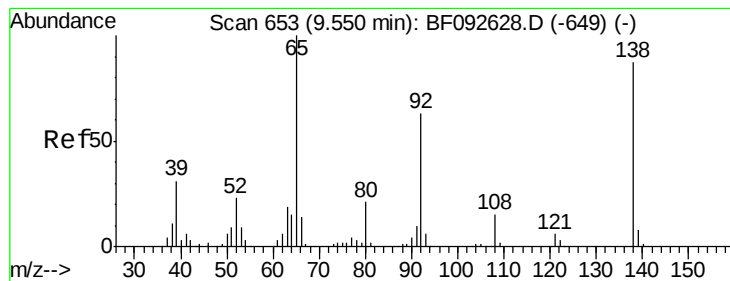


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

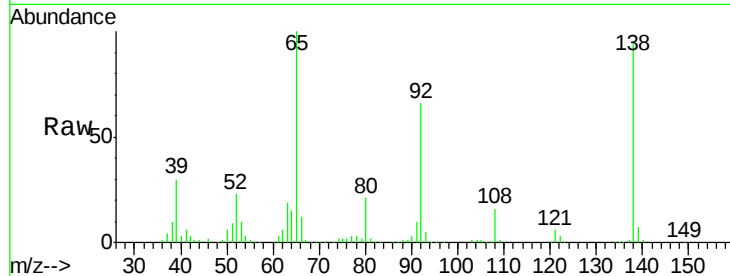




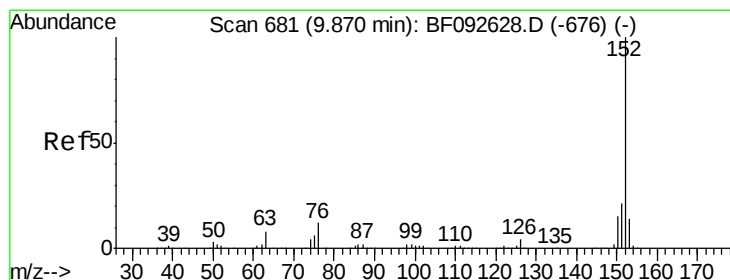
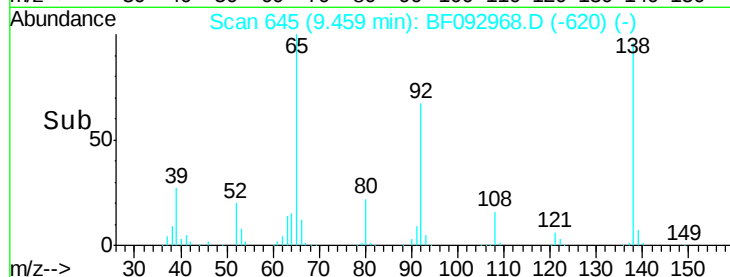
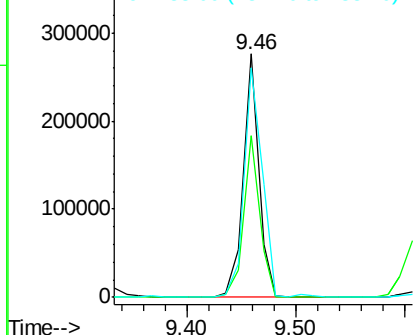
#47
2-Nitroaniline
Concen: 40.37 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 273312
Ion Ratio Lower Upper
65 100
92 66.3 53.9 80.9
138 94.4 76.8 115.2

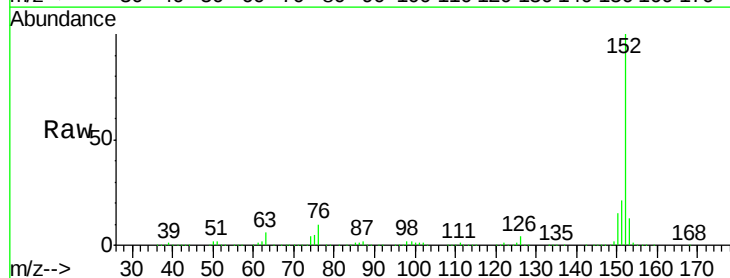


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

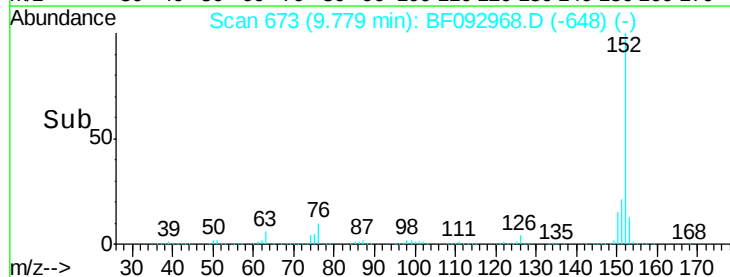
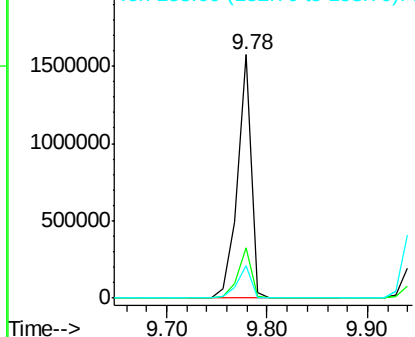


#48
Acenaphthylene
Concen: 42.75 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Tgt Ion: 152 Resp: 1486910
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.5 11.4 17.2



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

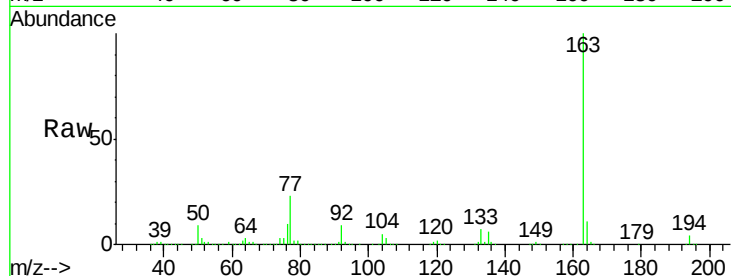




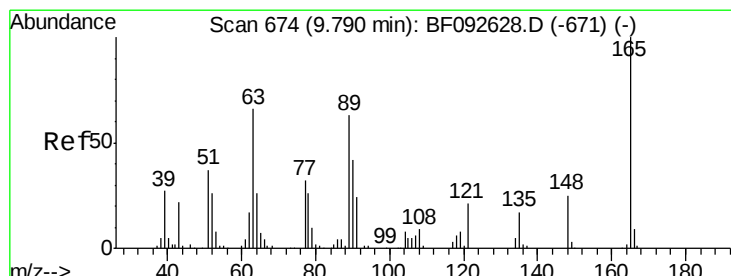
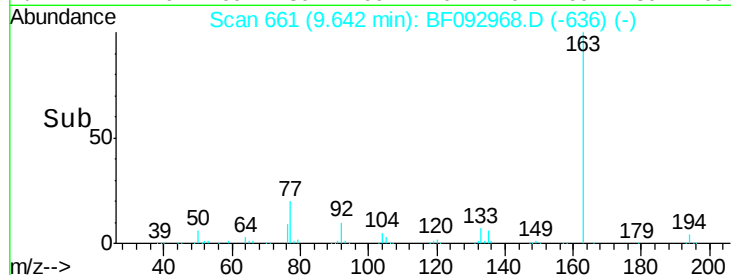
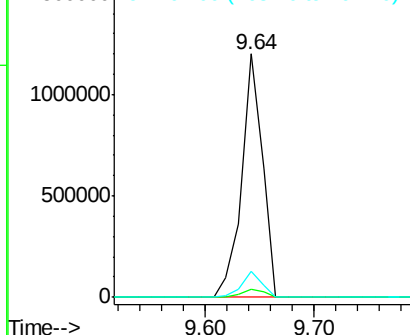
#49
Dimethylphthalate
Concen: 65.94 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1578668
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.7 8.0 12.0

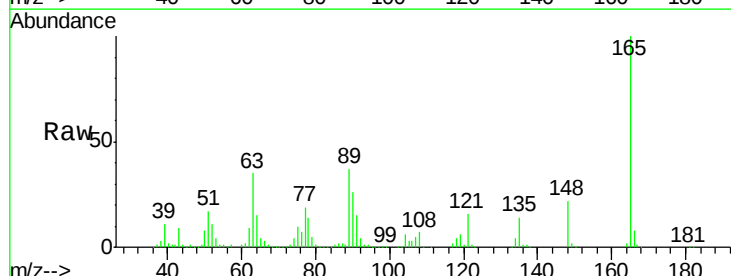


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

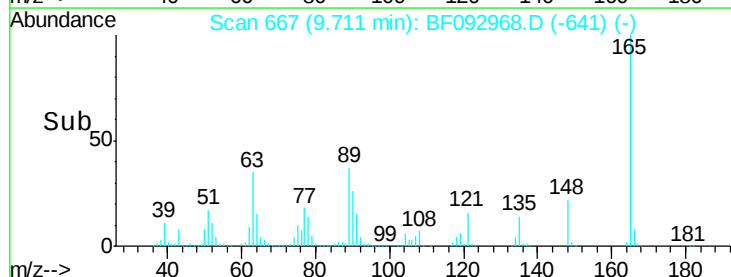
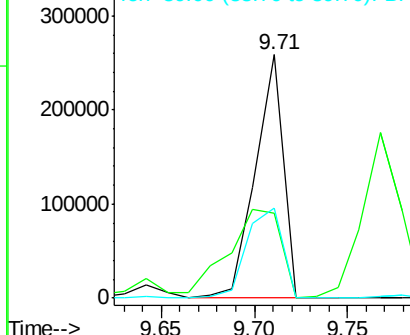


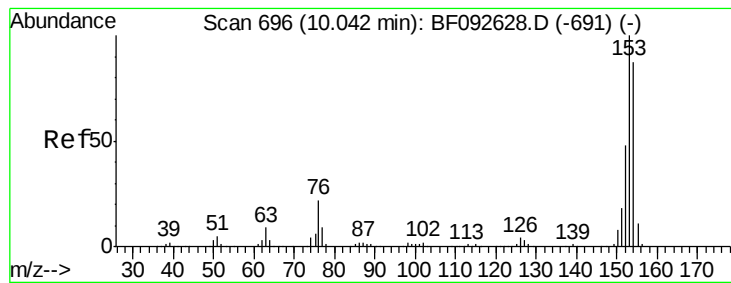
#50
2,6-Dinitrotoluene
Concen: 51.69 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Tgt Ion:165 Resp: 267259
Ion Ratio Lower Upper
165 100
63 34.9 36.2 54.4#
89 37.0 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: 44.36 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampled :

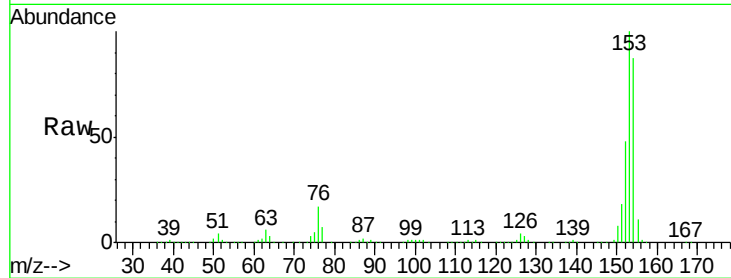
Tot Ion:154 Resp: 922563

Ion Ratio Lower Upper

154 100

153 115.1 88.6 133.0

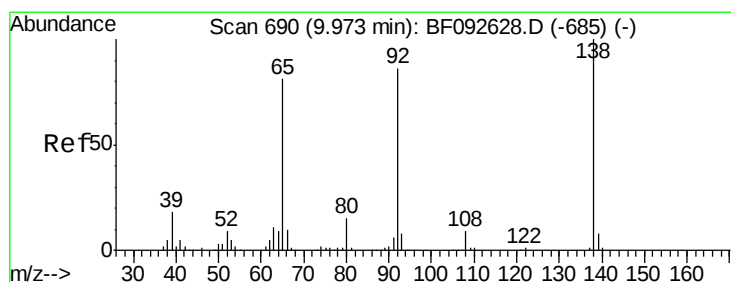
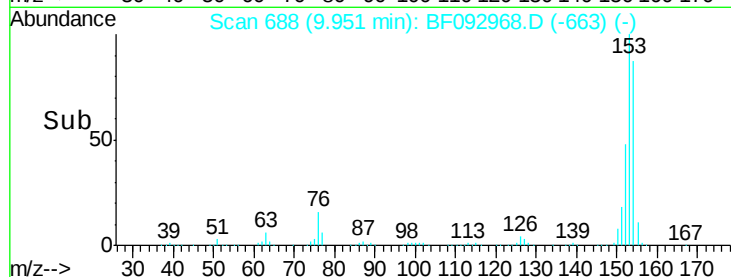
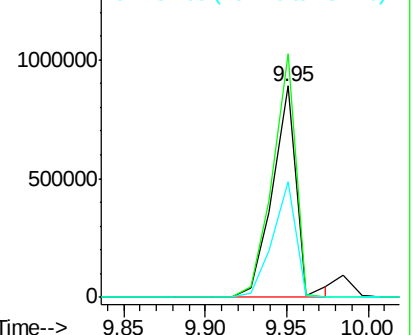
152 54.9 41.6 62.4



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: 14.87 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

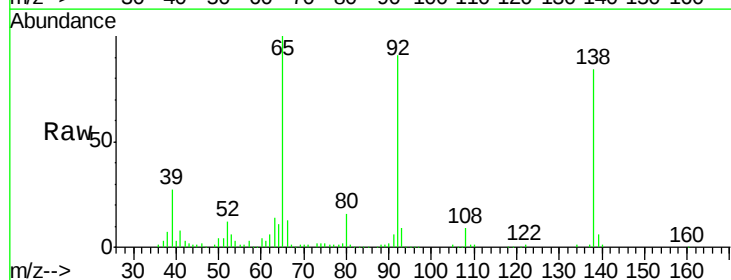
Tgt Ion:138 Resp: 87985

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

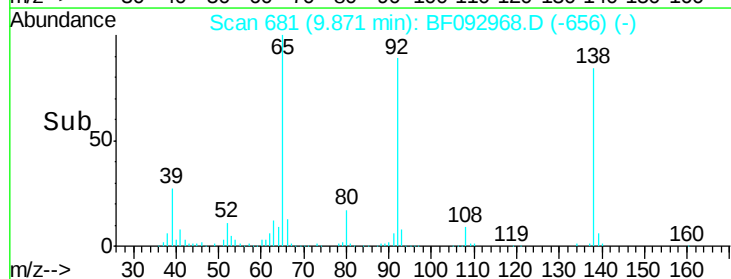
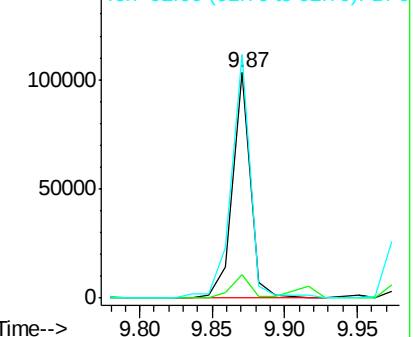
92 108.2 97.8 146.8

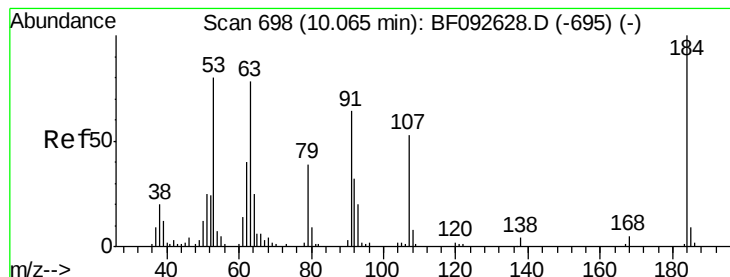


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 67.62 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

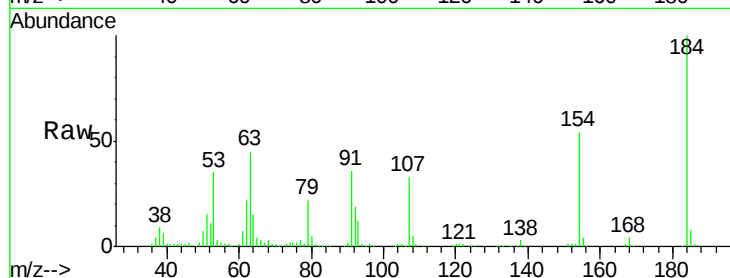
Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

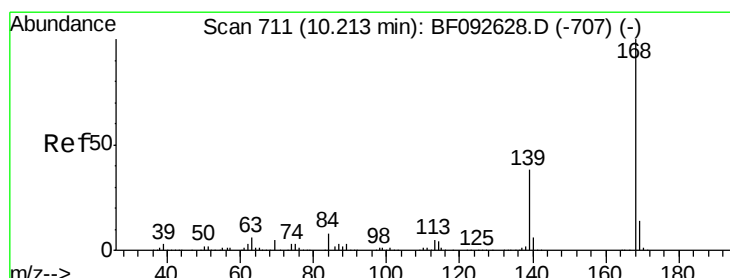
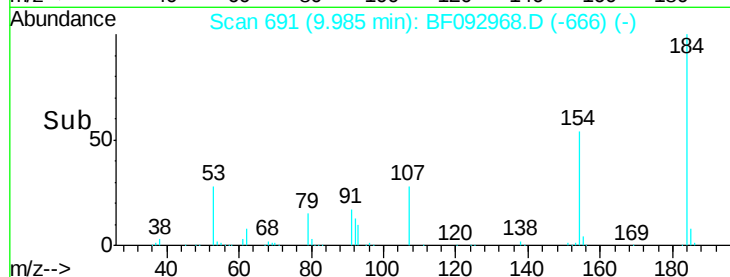
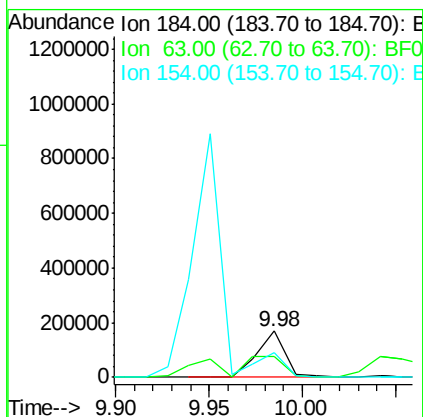
Instrument :

BNA_F

ClientSampled :



Tot Ion:184	Resp:	175803
Ion Ratio	Lower	Upper
184	100	
63	45.4	28.4 42.6#
154	53.9	44.3 66.5



#54

Dibenzofuran

Concen: 45.46 ng

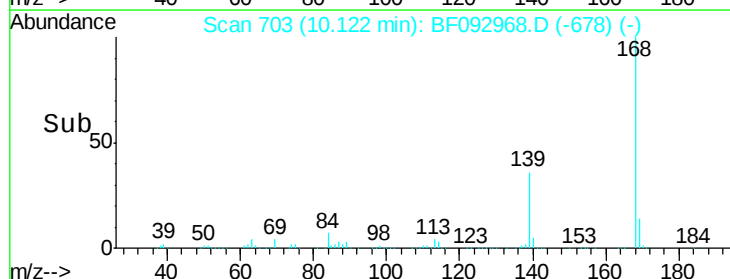
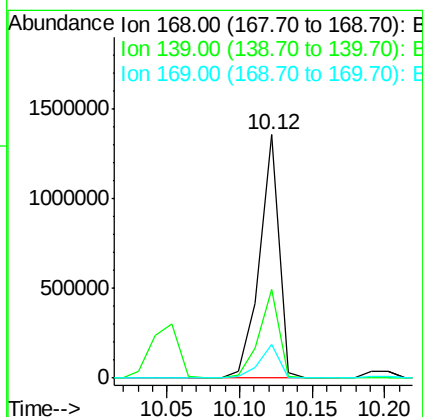
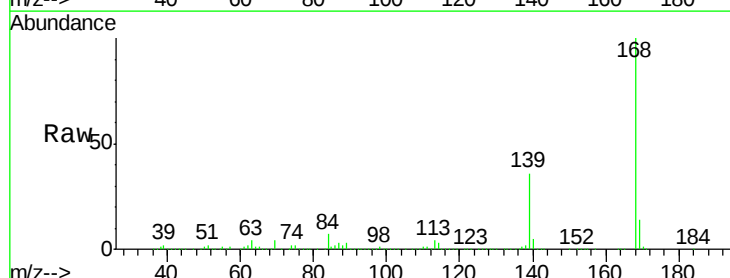
RT: 10.12 min Scan# 703

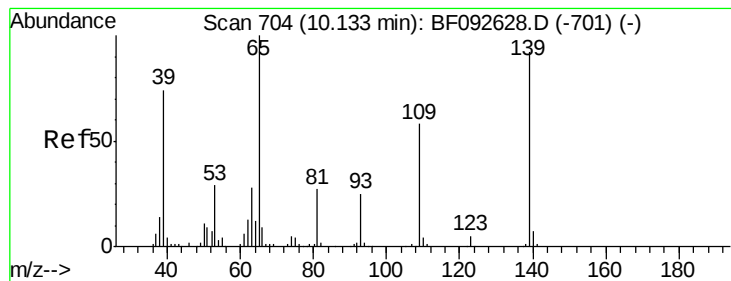
Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Tgt Ion:168	Resp:	1264527
Ion Ratio	Lower	Upper
168	100	
139	36.5	32.6 49.0
169	13.6	11.3 16.9





#55

4-Nitrophenol

Concen: 94.87 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

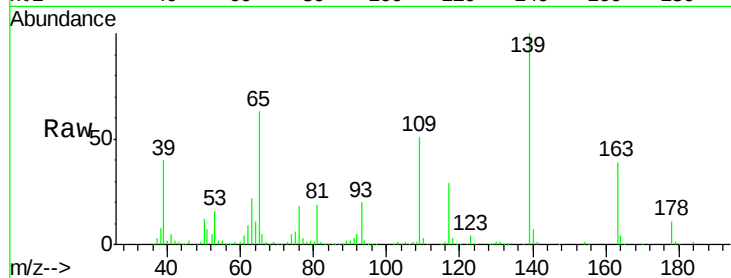
Tot Ion:139 Resp: 404305

Ion Ratio Lower Upper

139 100

109 51.3 52.2 92.2#

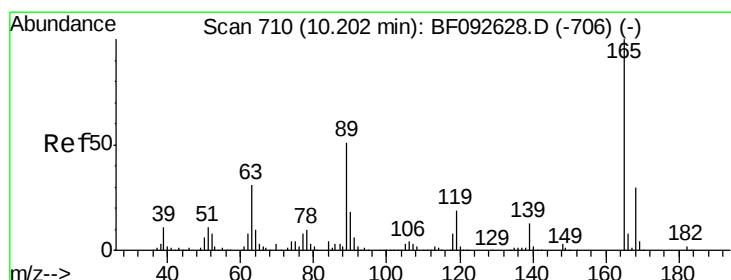
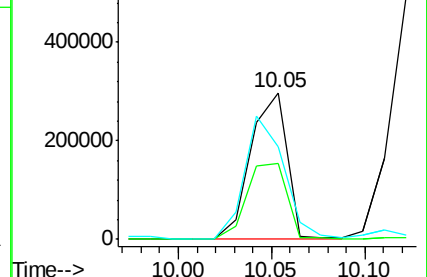
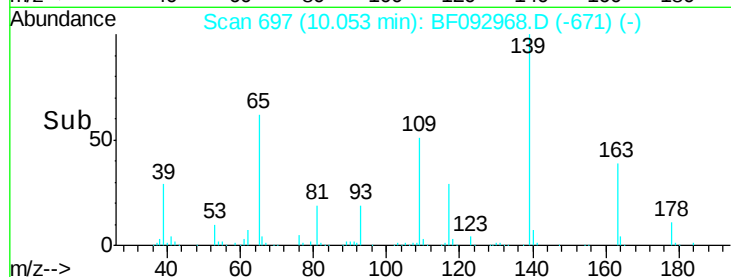
65 63.1 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.02 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Tgt Ion:165 Resp: 323636

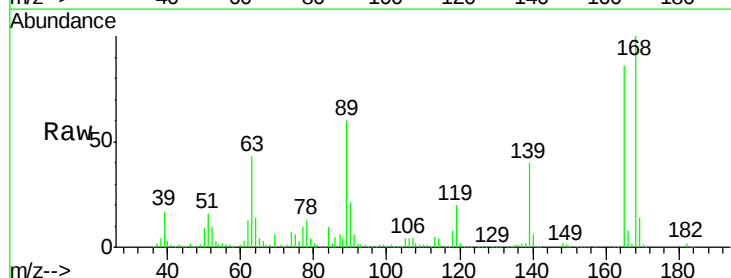
Ion Ratio Lower Upper

165 100

63 49.5 40.2 60.4

89 69.0 62.5 93.7

182 2.4 1.8 2.8

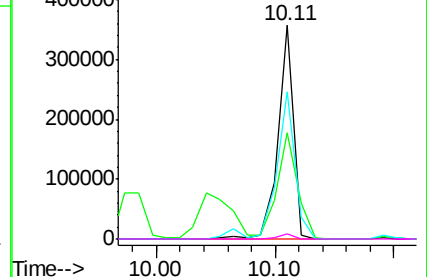
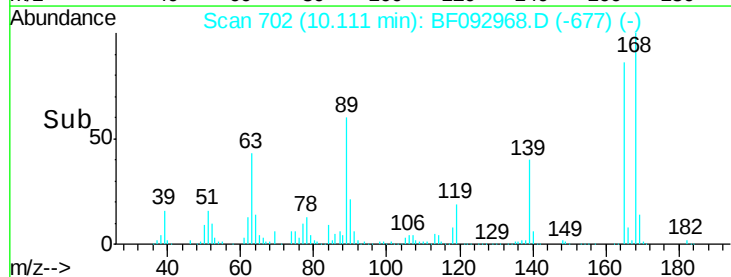


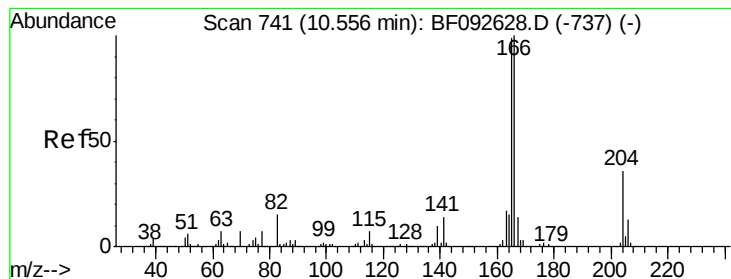
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.61 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

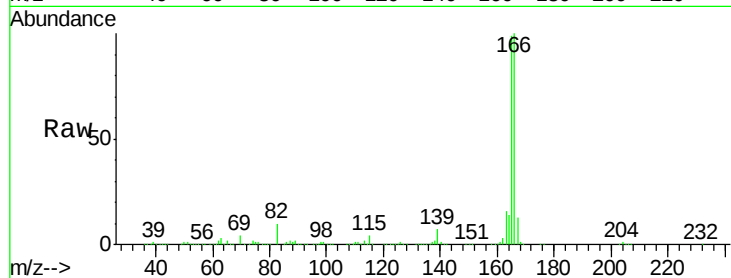
Tot Ion:166 Resp: 975972

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.8

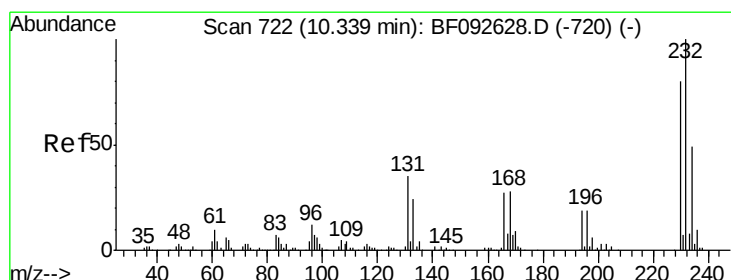
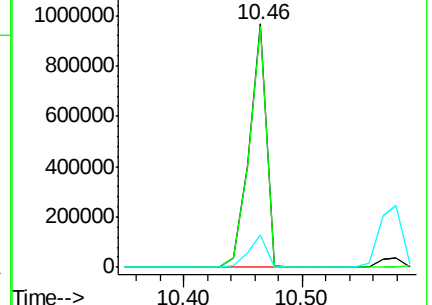
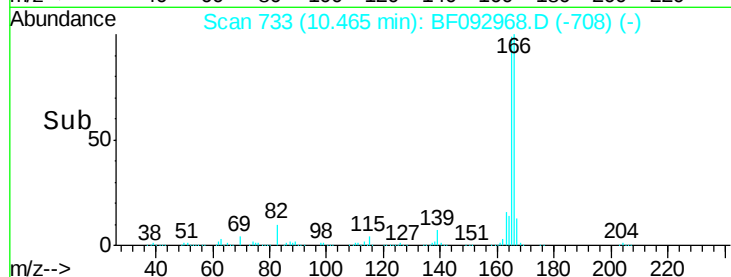
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.46 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Tgt Ion:232 Resp: 237017

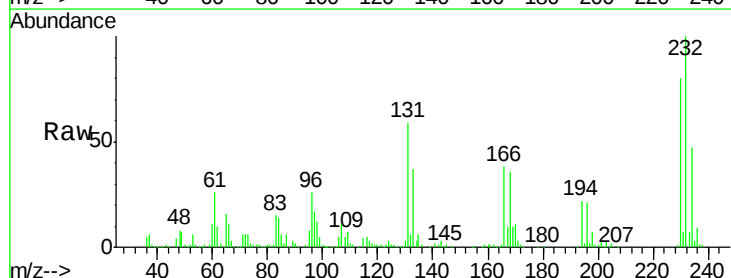
Ion Ratio Lower Upper

232 100

131 47.5 40.1 60.1

130 2.3 1.8 2.8

166 31.6 26.6 39.8

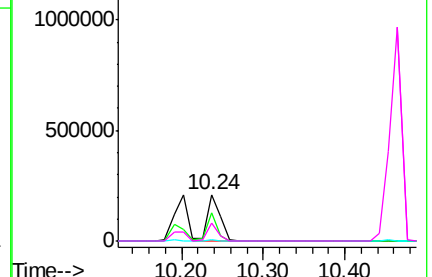
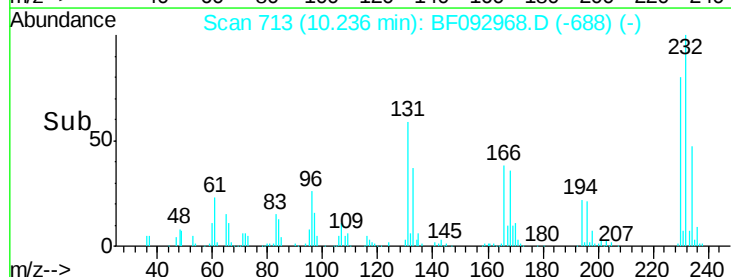


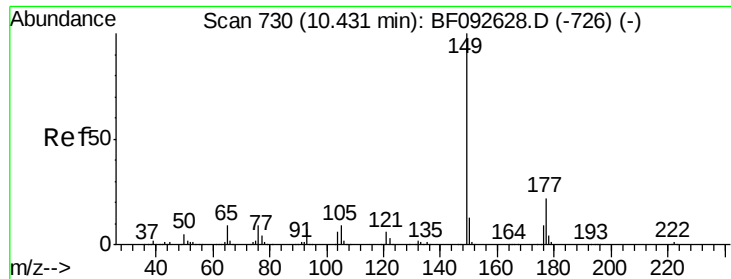
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

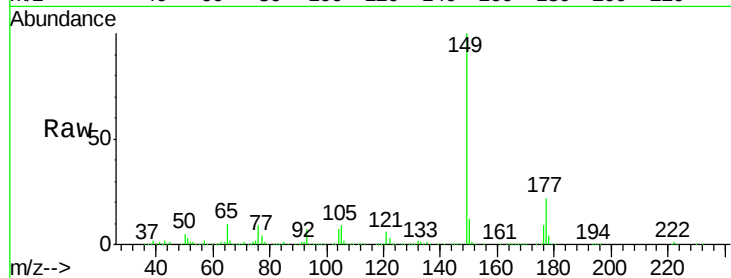




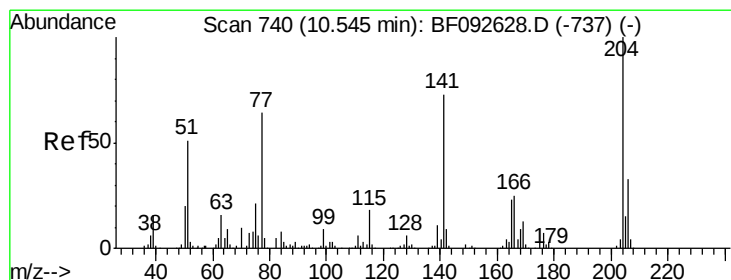
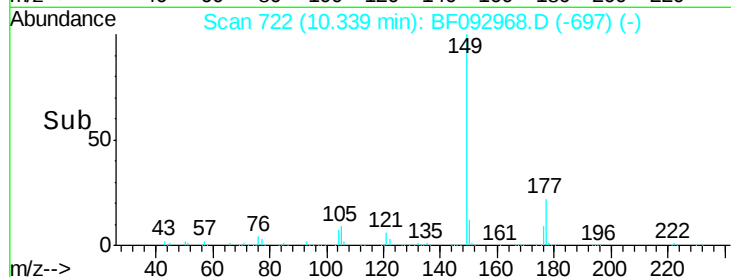
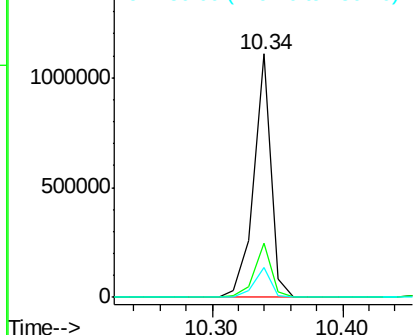
#59
Diethylphthalate
Concen: 45.10 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1017615
Ion Ratio Lower Upper
149 100
177 22.1 16.6 25.0
150 12.4 10.4 15.6

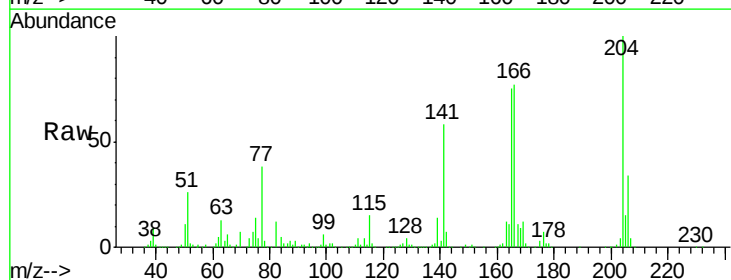


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

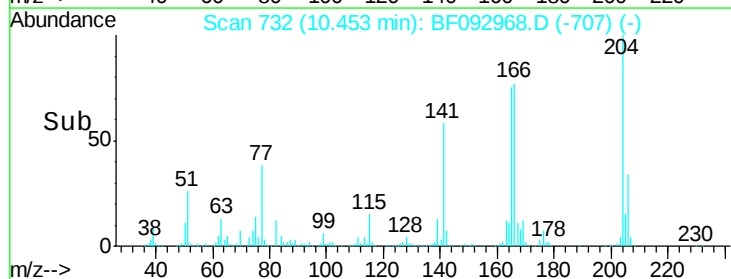
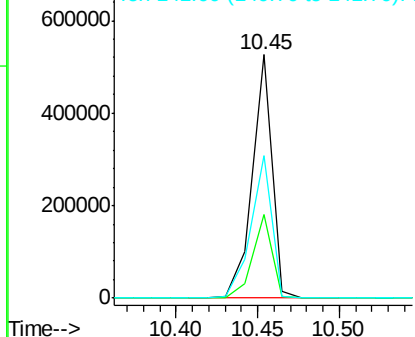


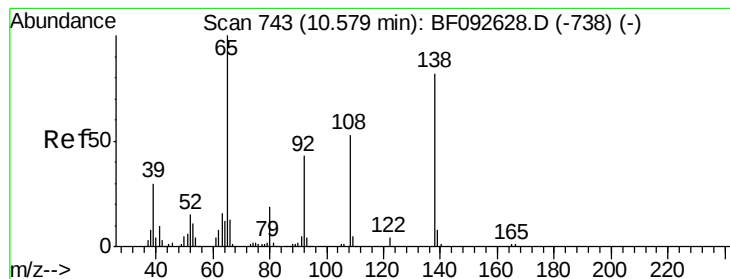
#60
4-Chlorophenyl-phenylether
Concen: 42.99 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Tgt Ion:204 Resp: 441911
Ion Ratio Lower Upper
204 100
206 34.4 25.8 38.6
141 58.3 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: 36.76 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

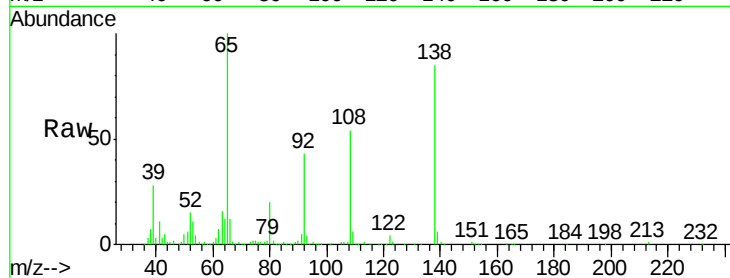
Tot Ion:138 Resp: 222784

Ion Ratio Lower Upper

138 100

92 50.2 31.7 71.7

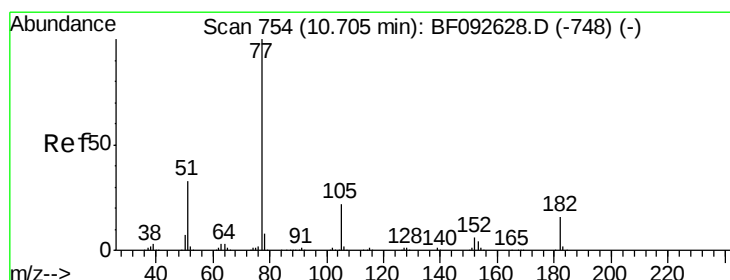
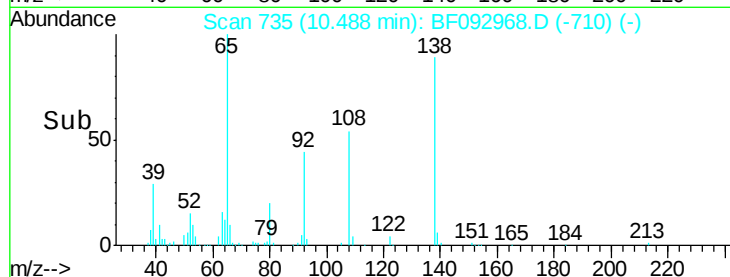
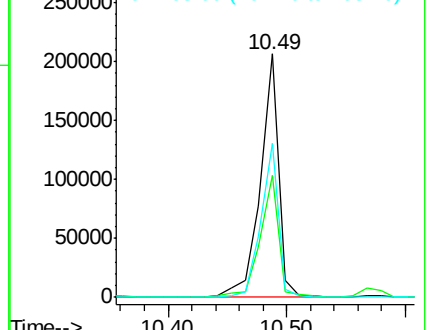
108 63.1 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.13 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Tgt Ion: 77 Resp: 1168501

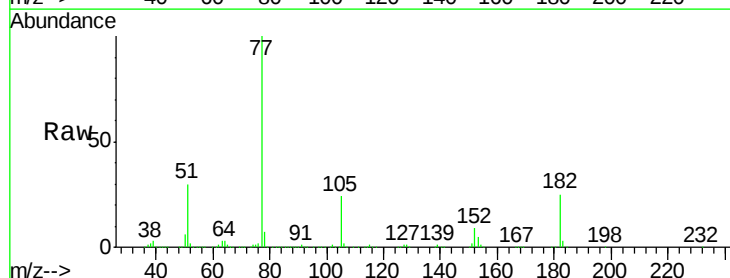
Ion Ratio Lower Upper

77 100

182 25.2 0.0 39.3

105 24.2 2.3 42.3

51 29.9 8.9 48.9

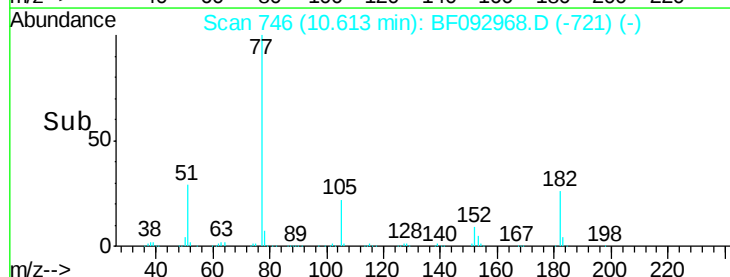
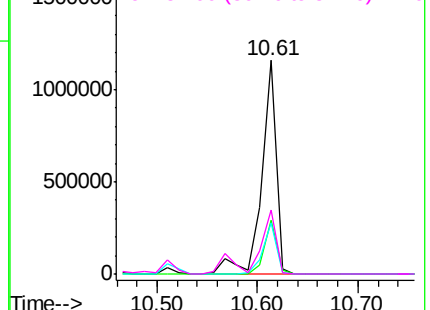


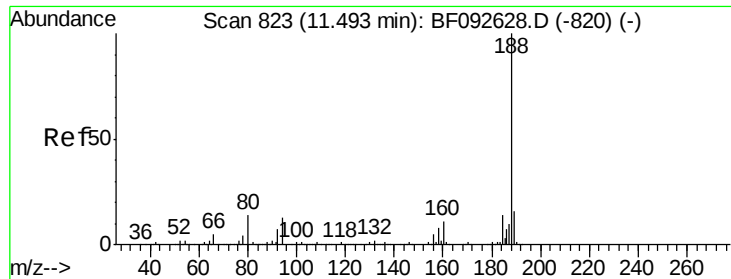
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :
BNA_F
ClientSampleId :

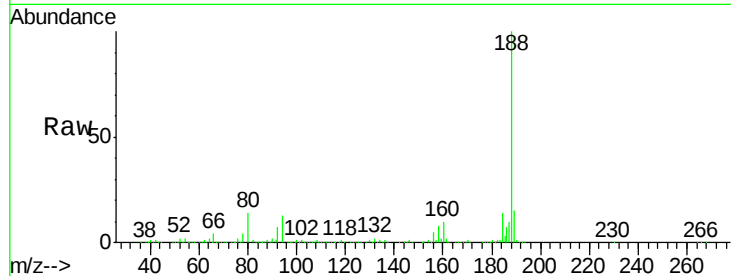
Tot Ion:188 Resp: 517729

Ion Ratio Lower Upper

188 100

94 12.8 10.0 15.0

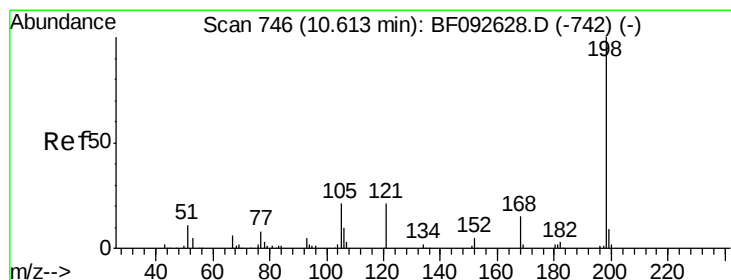
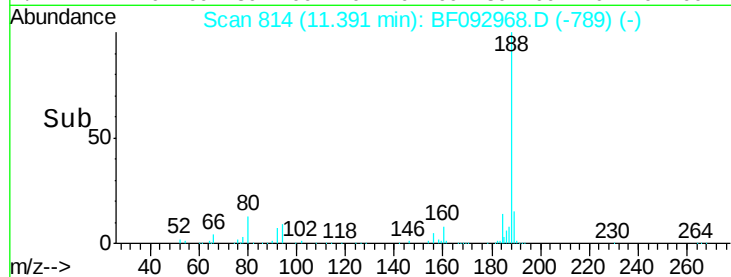
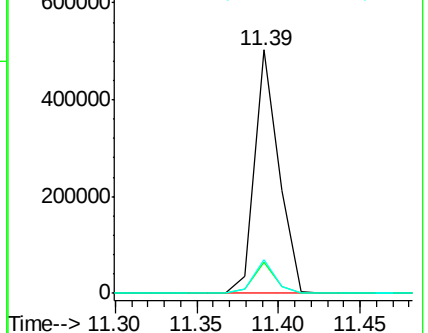
80 13.7 11.2 16.8



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: 43.78 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

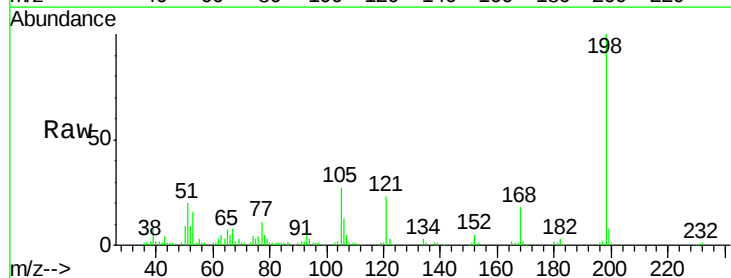
Tgt Ion:198 Resp: 137184

Ion Ratio Lower Upper

198 100

51 19.9 6.7 46.7

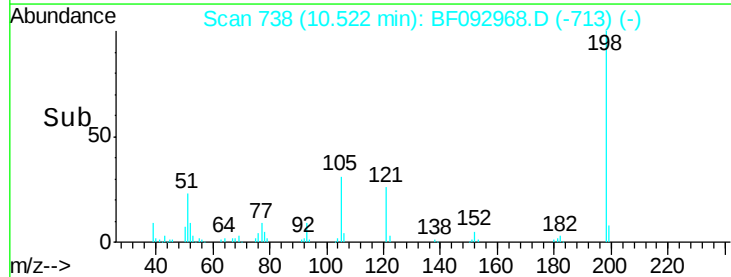
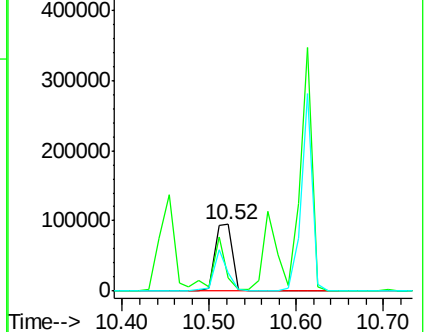
105 26.9 16.6 56.6

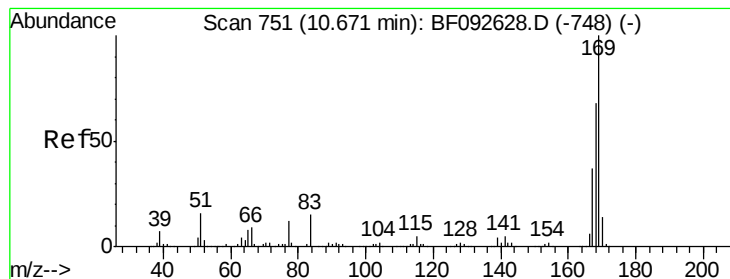


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.92 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

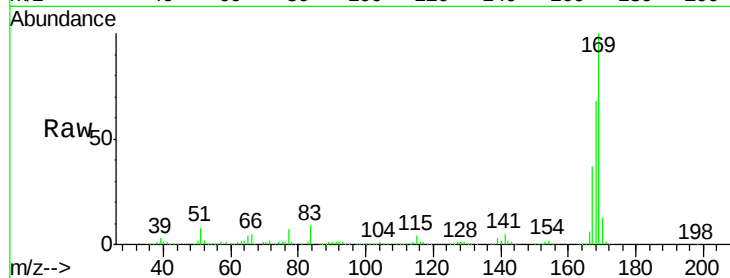
Tot Ion:169 Resp: 875180

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

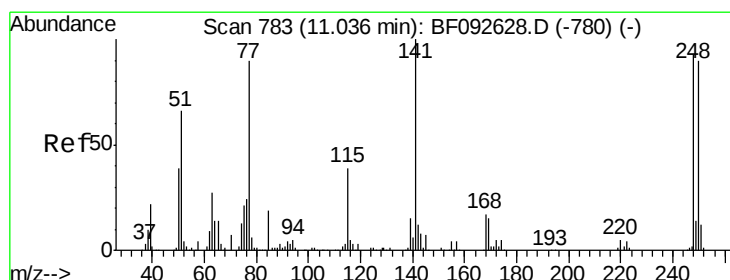
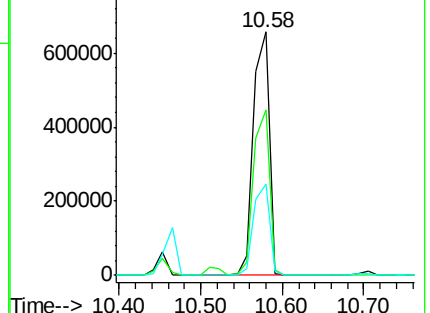
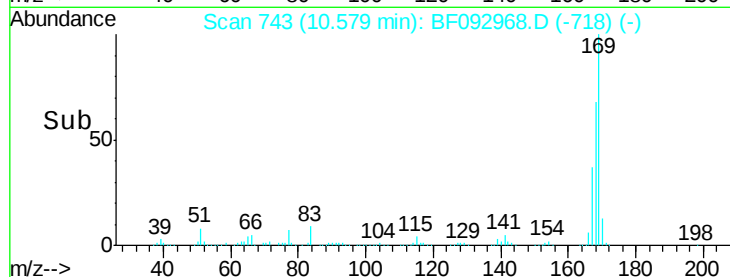
167 37.4 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.96 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

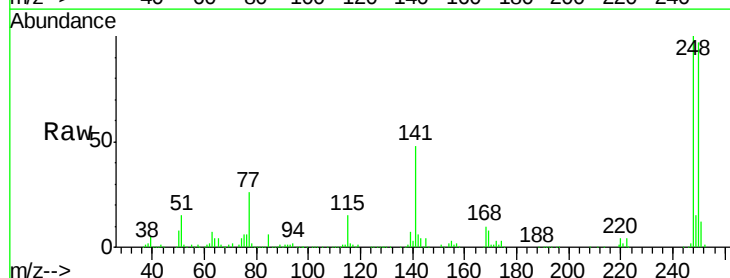
Tgt Ion:248 Resp: 275651

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

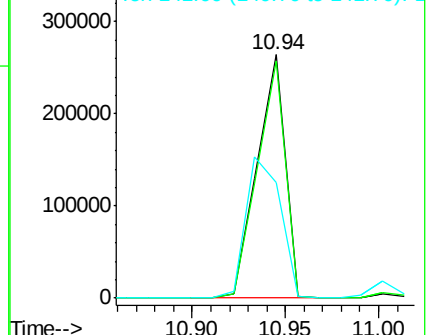
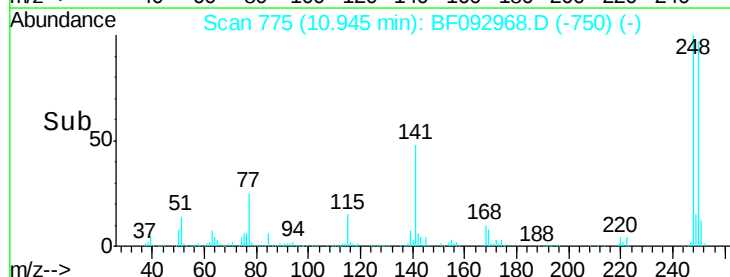
141 47.6 68.2 102.4#

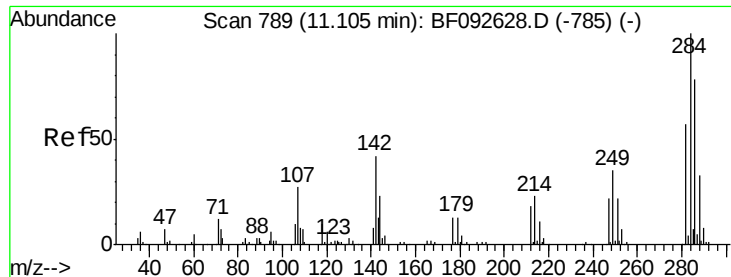


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

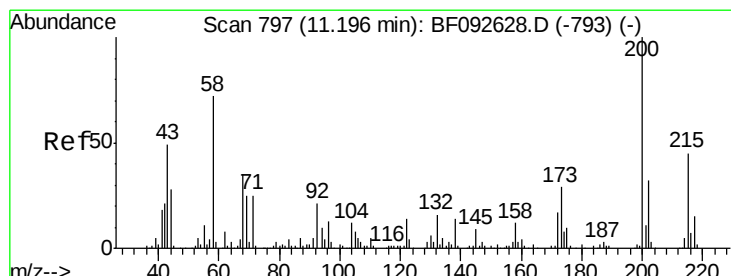
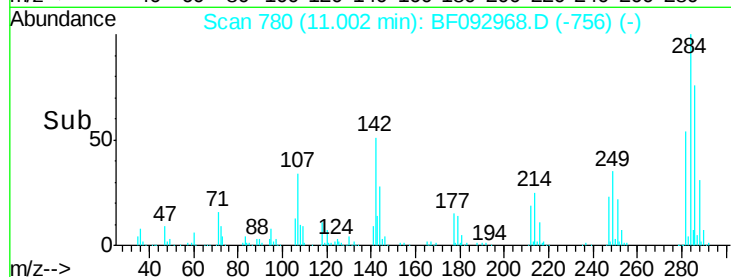
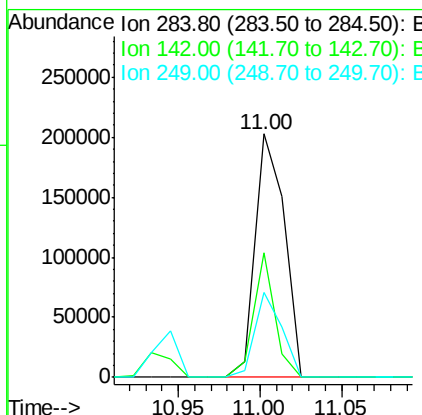
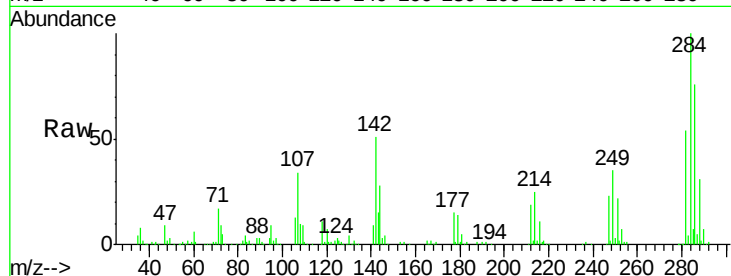




#67
Hexachlorobenzene
Concen: 47.14 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

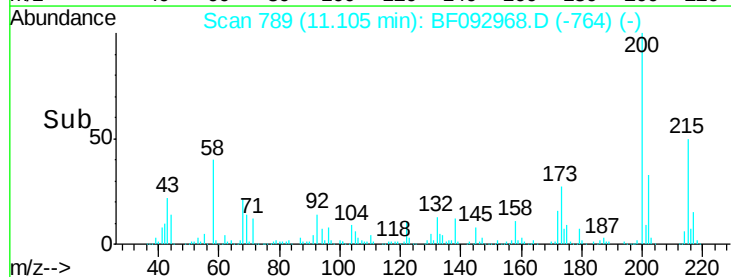
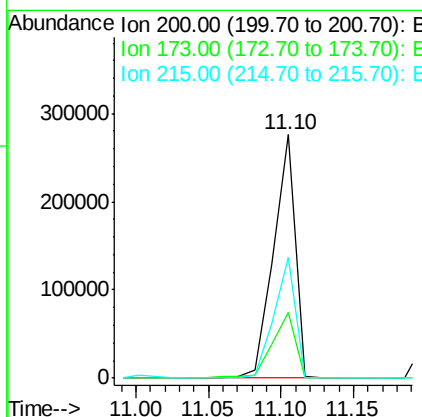
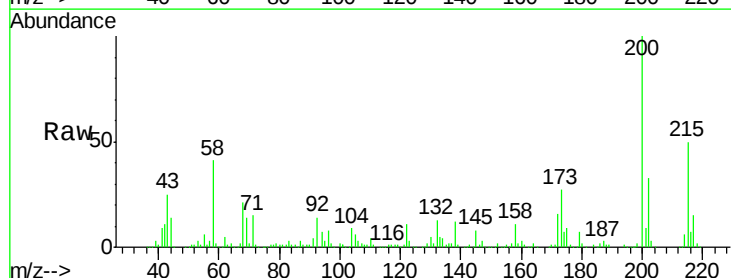
Instrument :
BNA_F
ClientSampled :

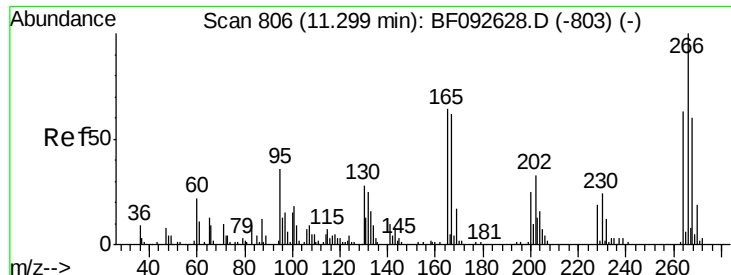
Tot Ion:284 Resp: 251997
Ion Ratio Lower Upper
284 100
142 50.9 22.6 33.8#
249 34.8 25.4 38.0



#68
Atrazine
Concen: 53.79 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Tgt Ion:200 Resp: 285467
Ion Ratio Lower Upper
200 100
173 27.0 9.6 49.6
215 49.6 25.7 65.7

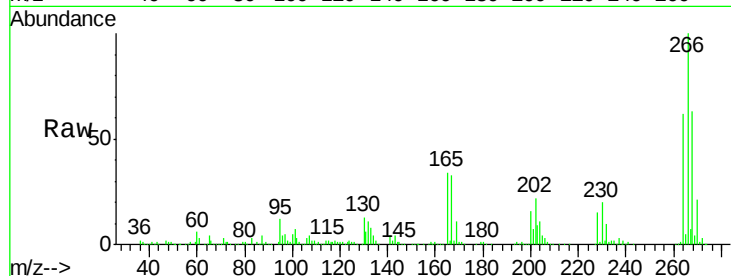




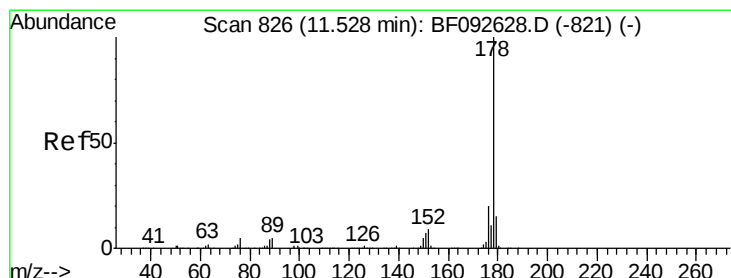
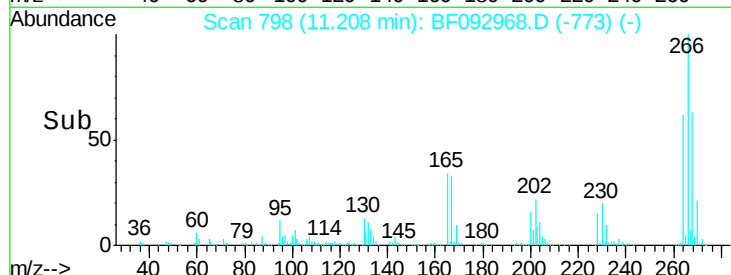
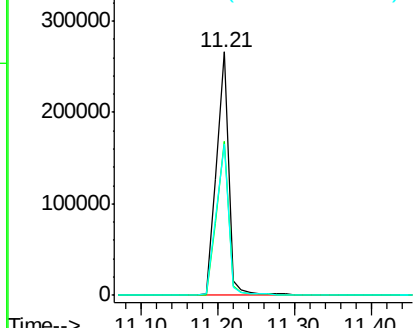
#69
 Pentachlorophenol
 Concen: 104.81 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 295967
 Ion Ratio Lower Upper
 266 100
 268 63.5 53.3 79.9
 264 62.0 50.3 75.5

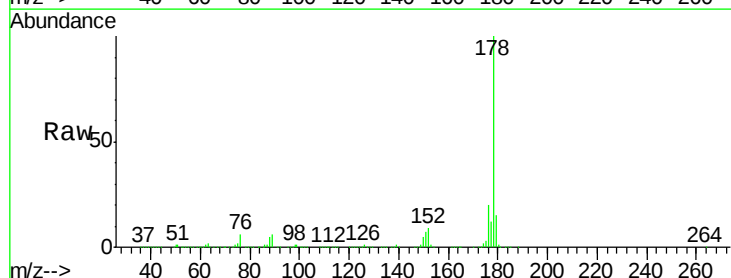


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

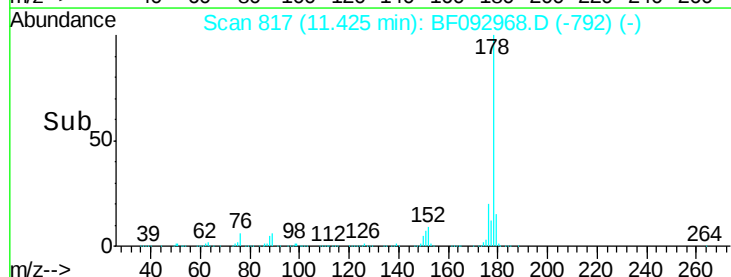
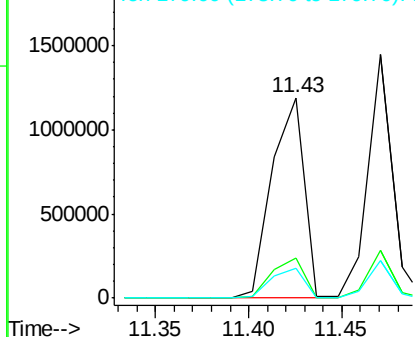


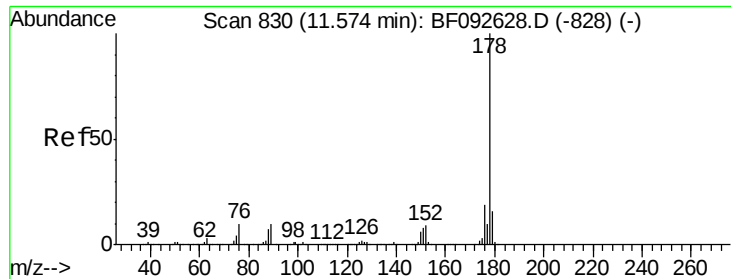
#70
 Phenanthrene
 Concen: 48.34 ng
 RT: 11.43 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Tgt Ion:178 Resp: 1433959
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 15.1 12.8 19.2



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





#71

Anthracene

Concen: 43.52 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

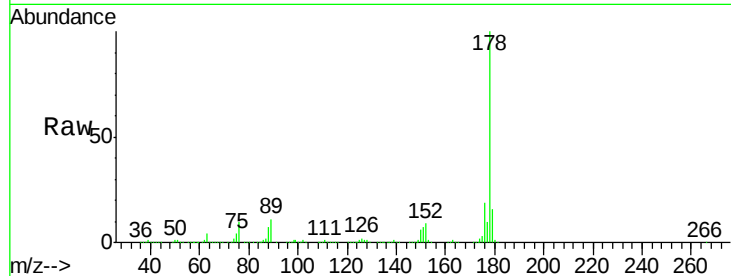
Tot Ion:178 Resp: 1296348

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

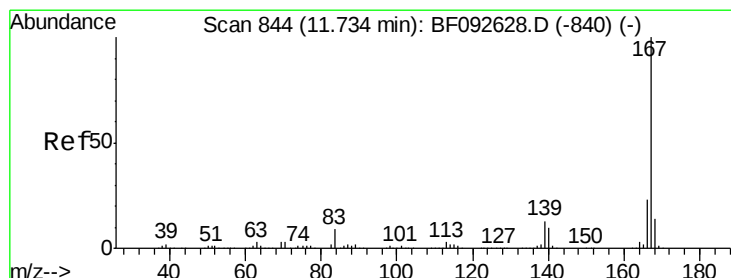
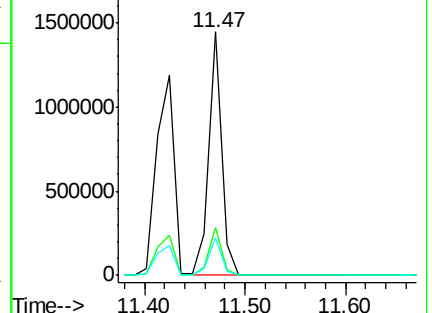
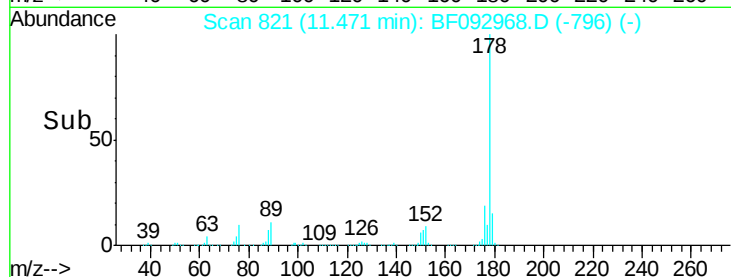
179 15.5 13.2 19.8



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: 46.76 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

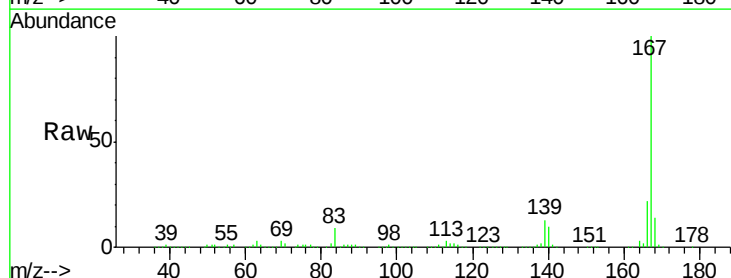
Tgt Ion:167 Resp: 1331297

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

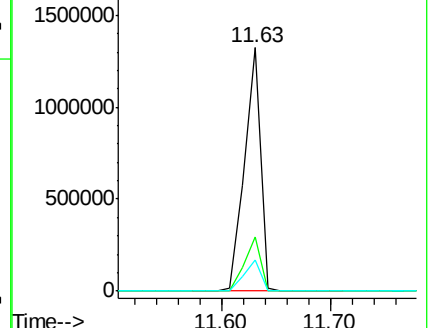
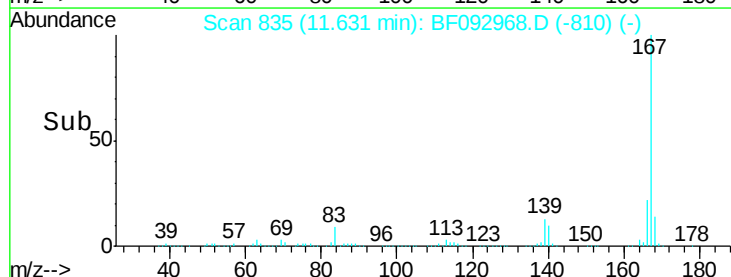
139 12.6 11.4 17.2

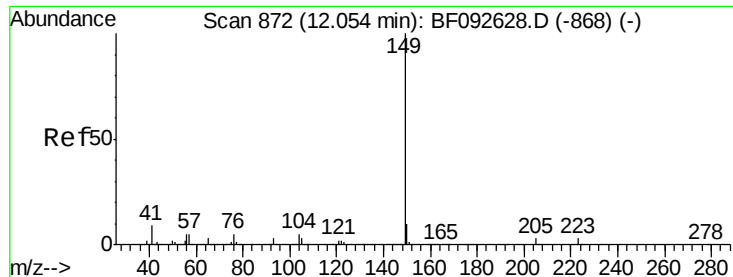


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.15 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

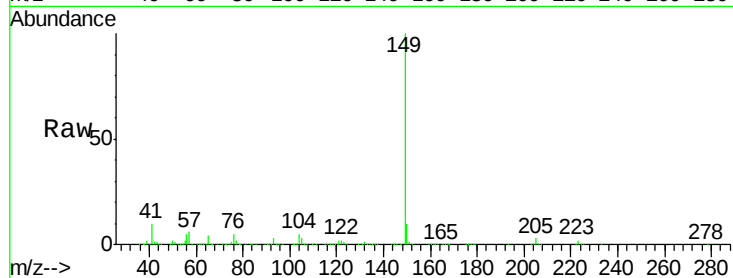
Tot Ion:149 Resp: 1544273

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

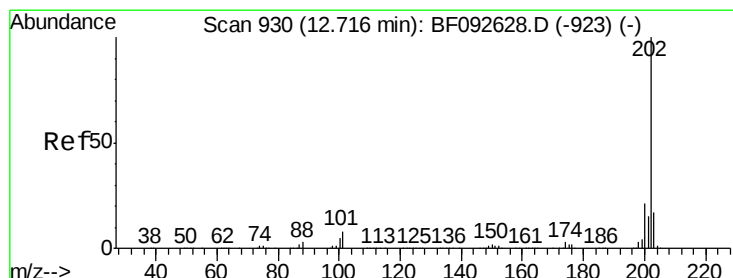
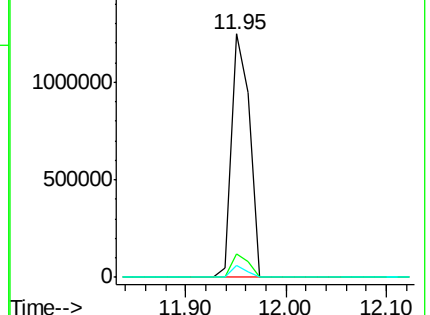
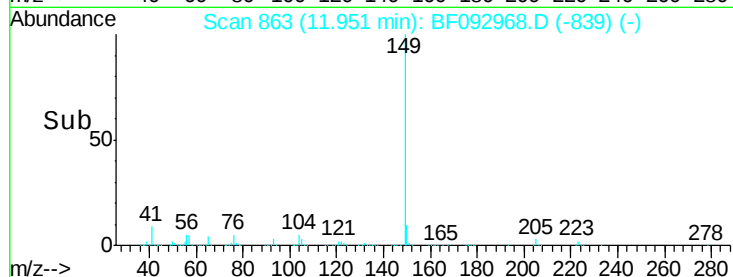
104 4.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.09 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

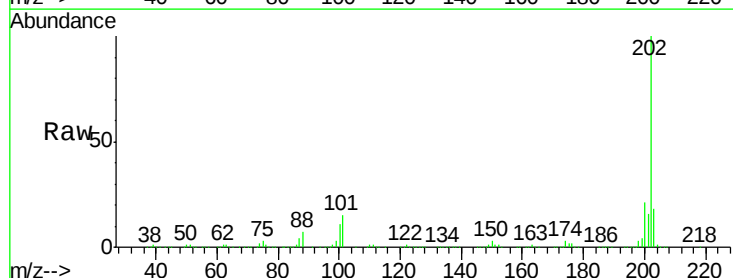
Tgt Ion:202 Resp: 1257230

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.6

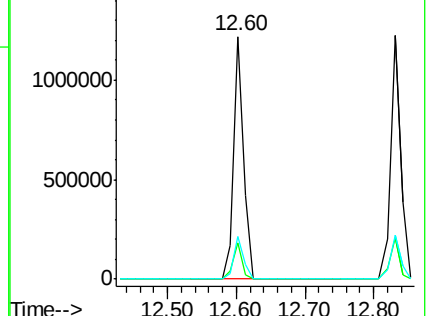
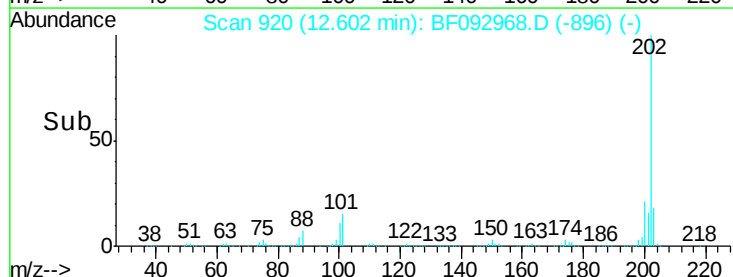
203 17.6 0.0 38.7

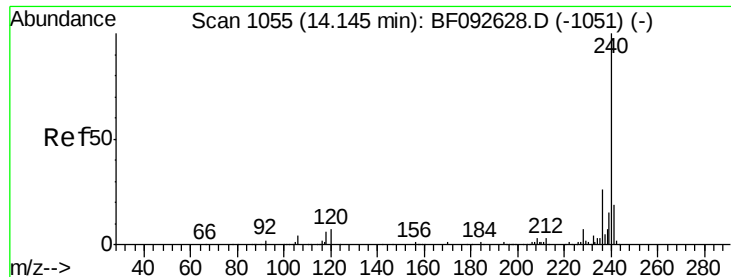


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

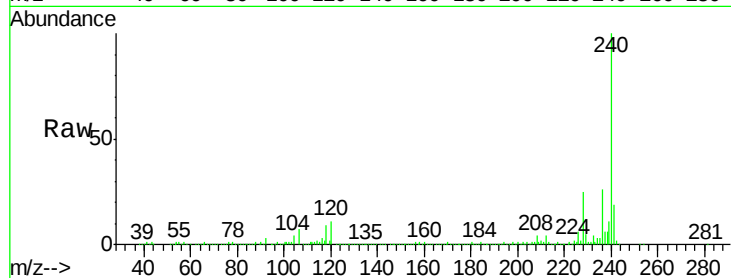
Tot Ion:240 Resp: 370719

Ion Ratio Lower Upper

240 100

120 10.7 12.9 19.3#

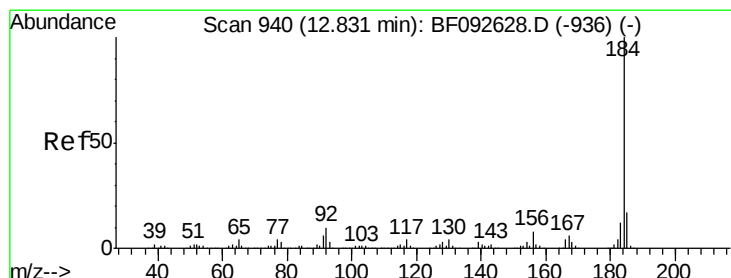
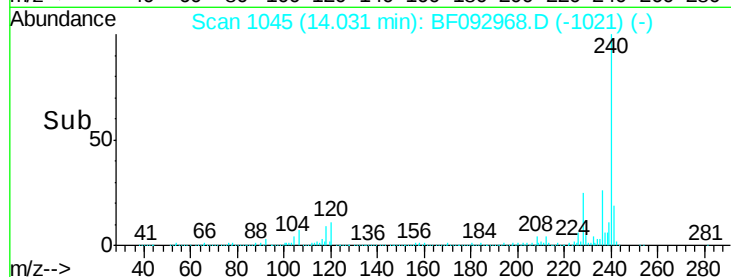
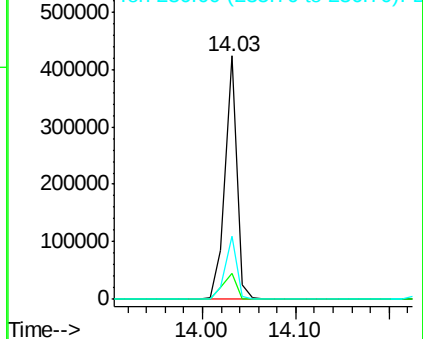
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.91 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

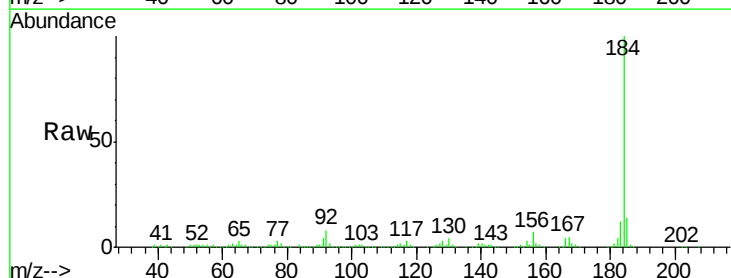
Tgt Ion:184 Resp: 314546

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

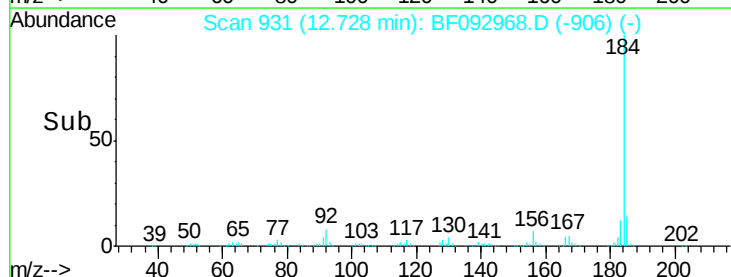
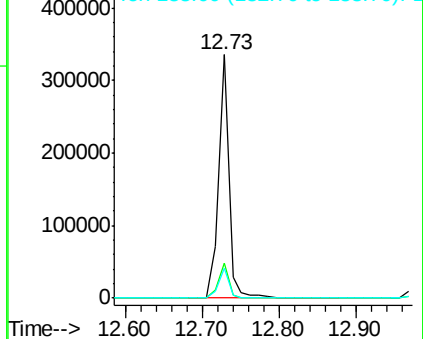
183 12.3 9.2 13.8

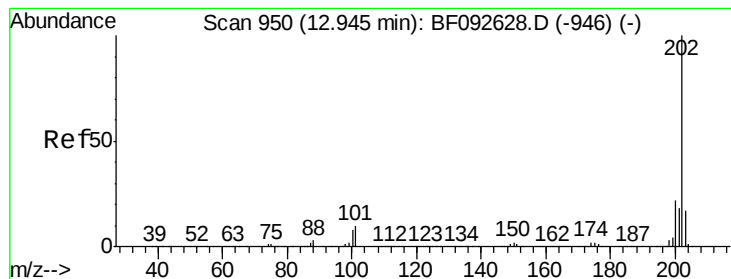


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.18 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

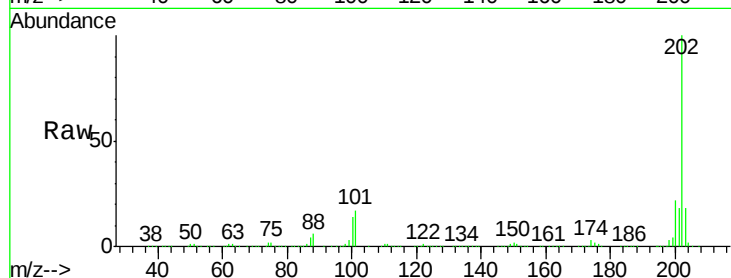
Tot Ion:202 Resp: 1253492

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

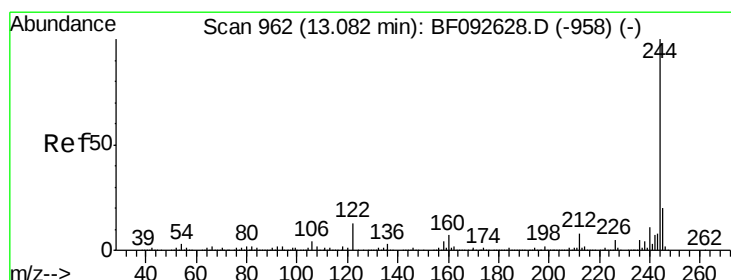
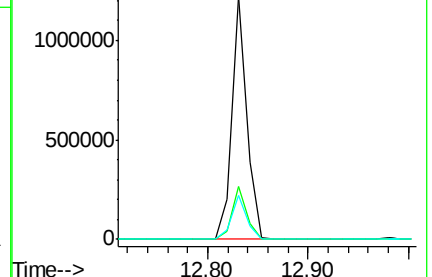
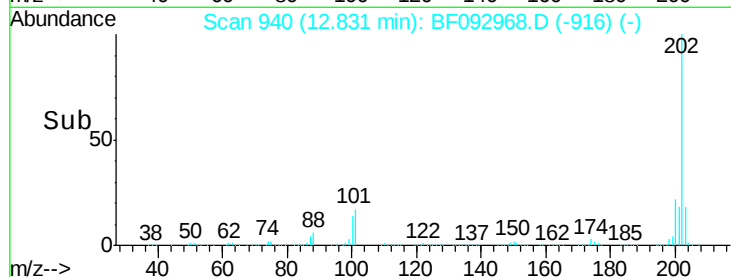
203 17.8 14.7 22.1



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: 91.15 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

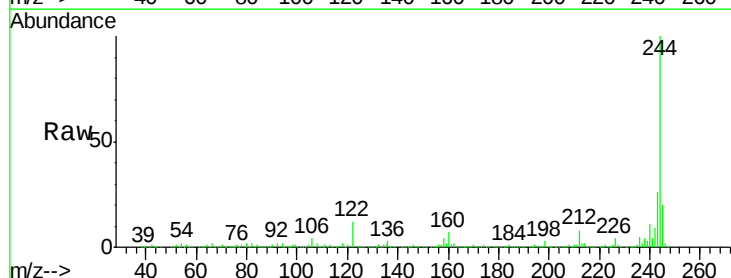
Tgt Ion:244 Resp: 1438081

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

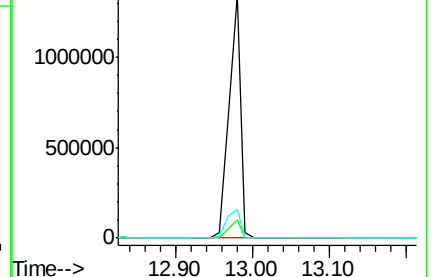
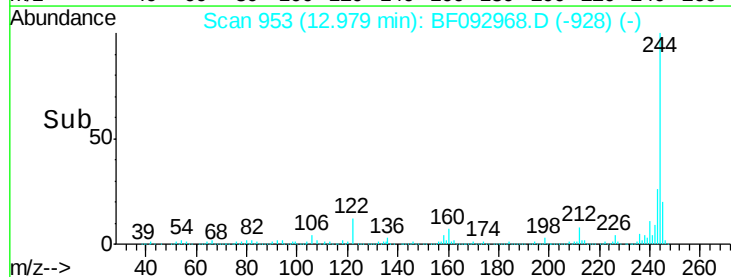
122 11.5 11.4 17.2

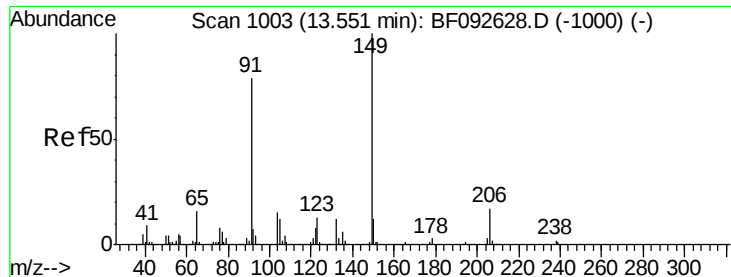


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

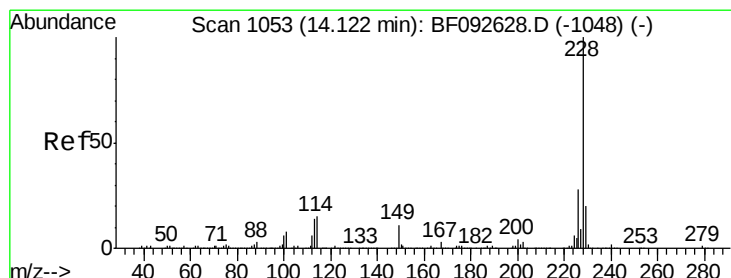
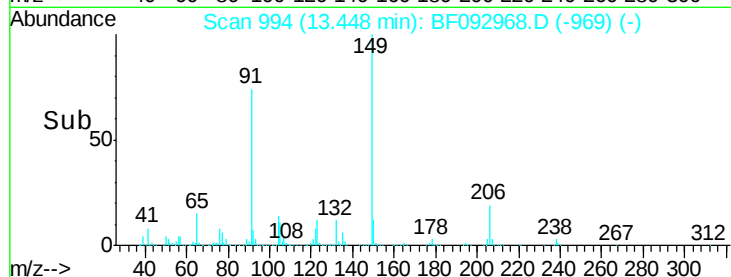
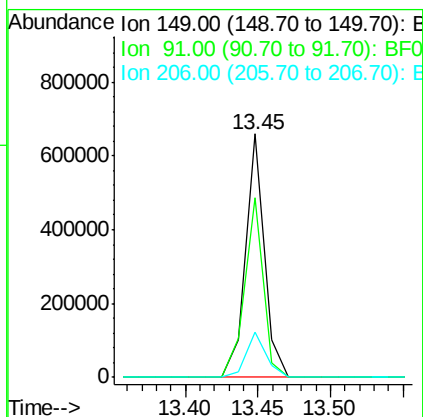
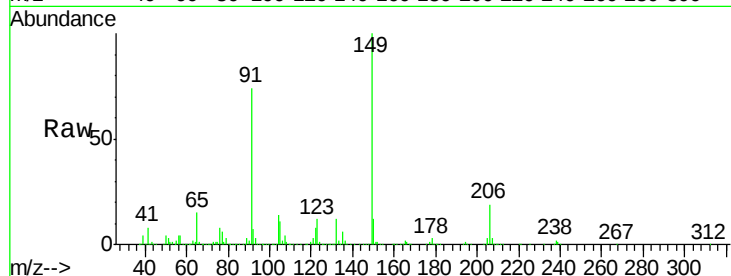




#79
Butylbenzylphthalate
Concen: 52.92 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

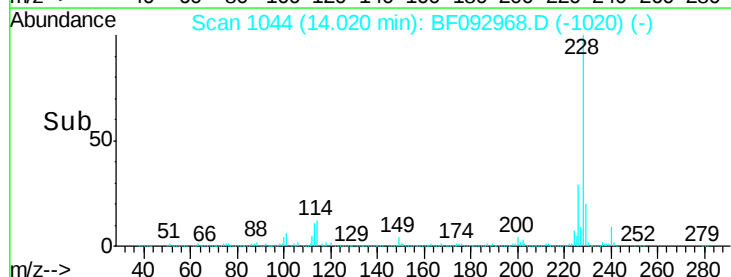
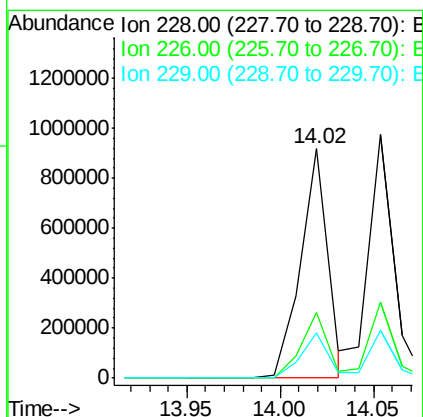
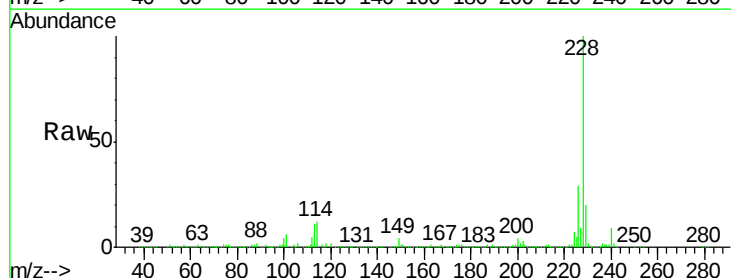
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.7	63.9	95.9
206	18.8	14.6	21.8



#80
Benzo(a)anthracene
Concen: 41.30 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	19.7	16.2	24.4

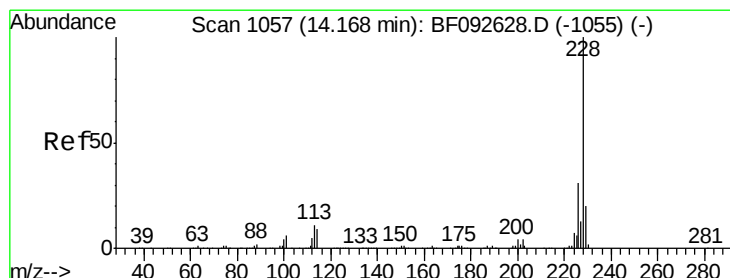
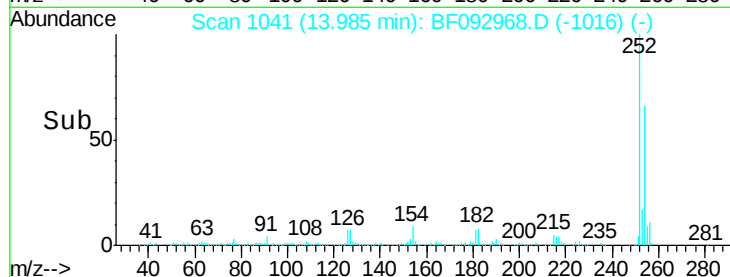
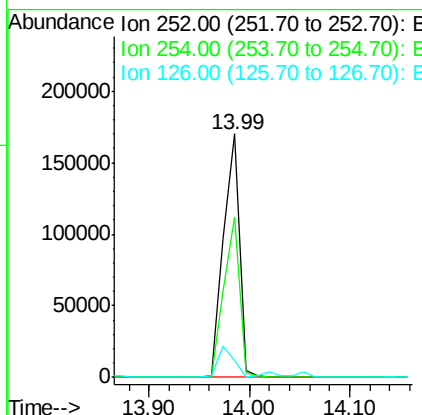
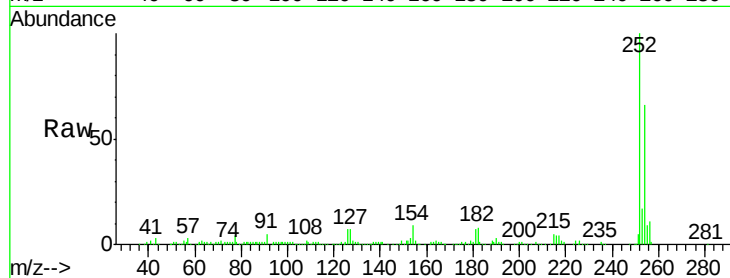




#81
 3,3'-Dichlorobenzidine
 Concen: 23.44 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

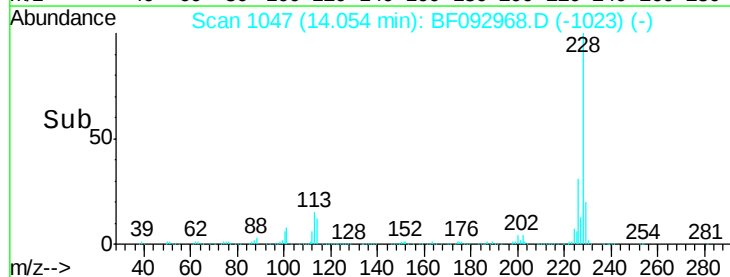
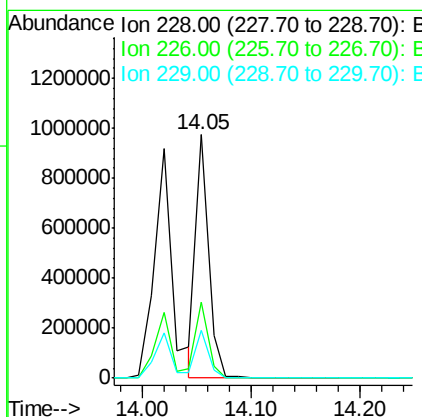
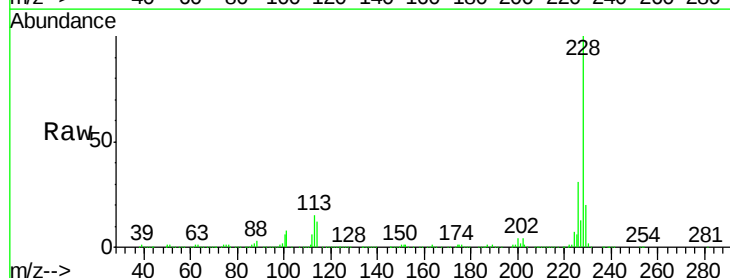
Instrument :
 BNA_F
 ClientSampleId :

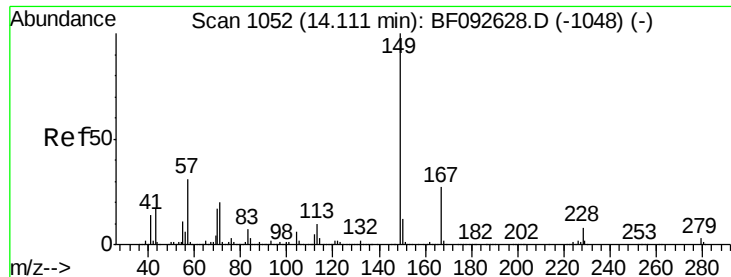
Tot Ion:252 Resp: 189461
 Ion Ratio Lower Upper
 252 100
 254 66.0 52.3 78.5
 126 7.1 13.6 20.4#



#82
 Chrysene
 Concen: 37.73 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Tgt Ion:228 Resp: 800945
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 19.6 16.2 24.2

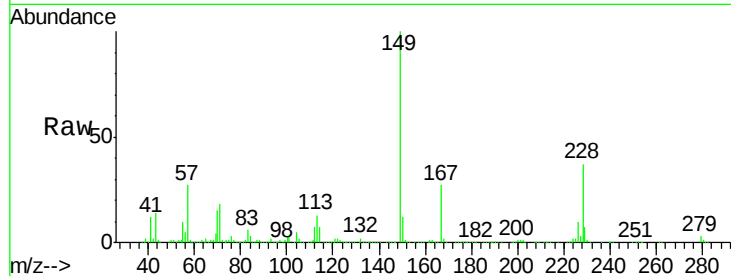




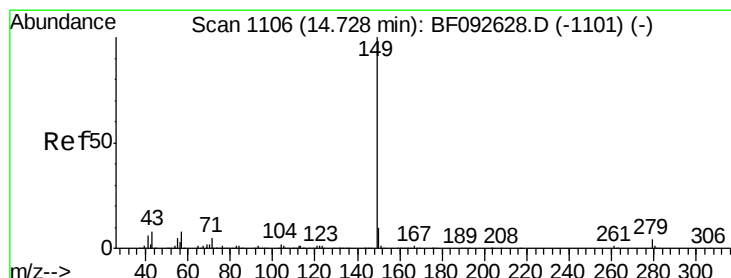
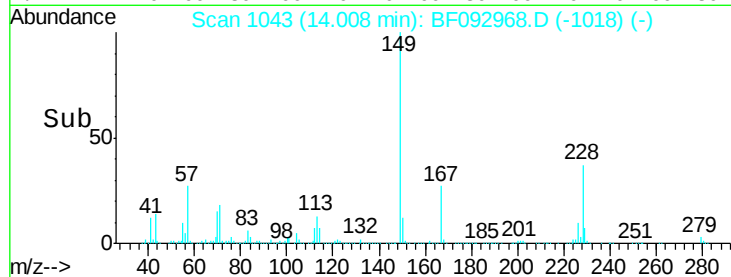
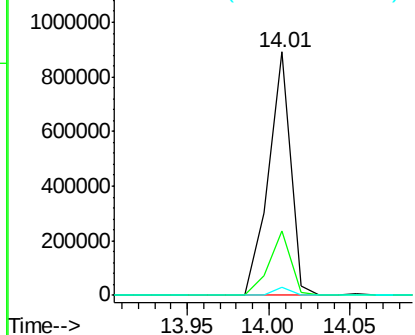
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.98 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 847079
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.2 30.4
 279 3.4 1.8 2.8#

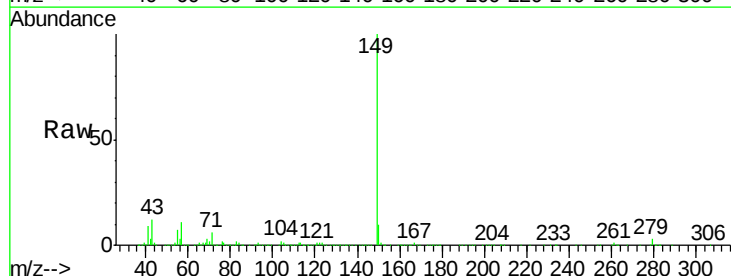


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

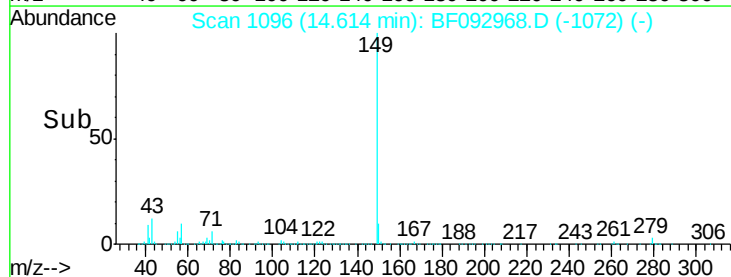
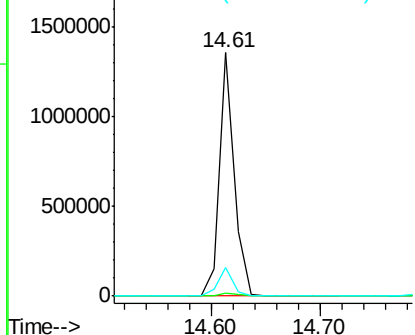


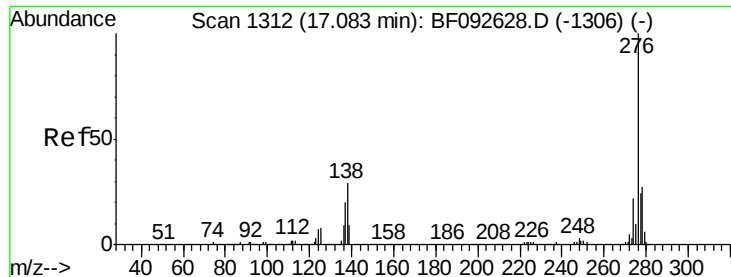
#84
 Di-n-octyl phthalate
 Concen: 51.53 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Tgt Ion:149 Resp: 1292825
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.5 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

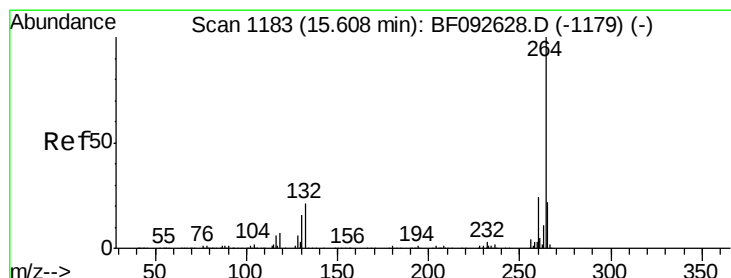
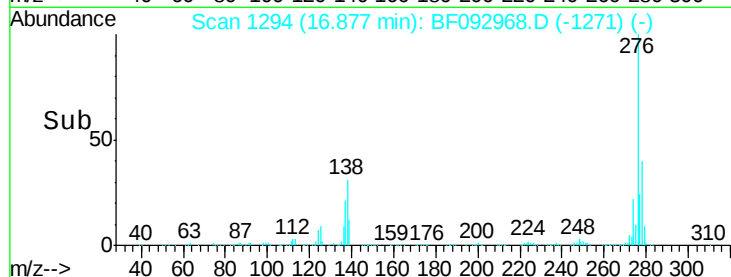
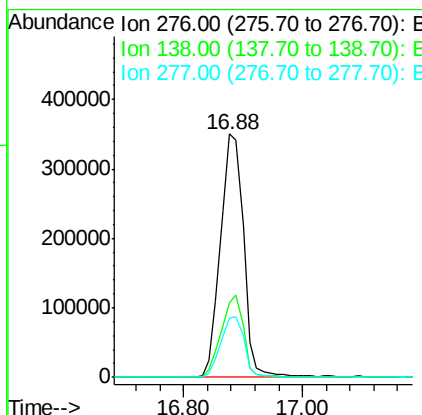
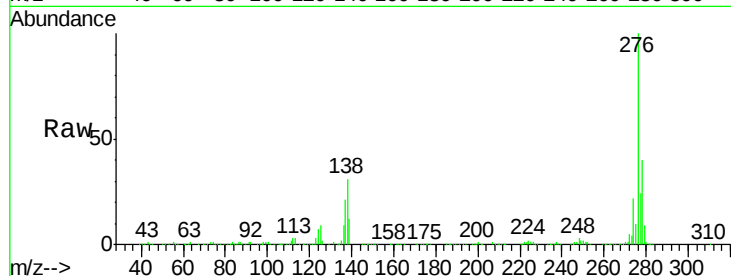




#85
Indeno(1,2,3-cd)pyrene
Concen: 57.95 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.03 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

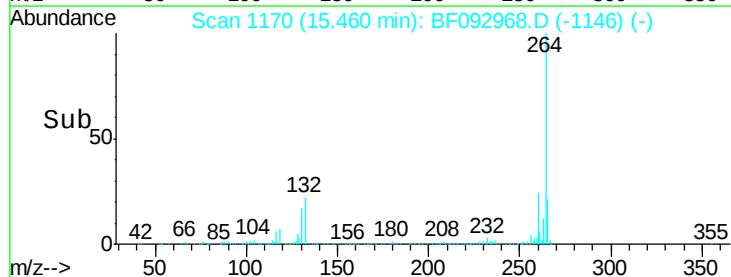
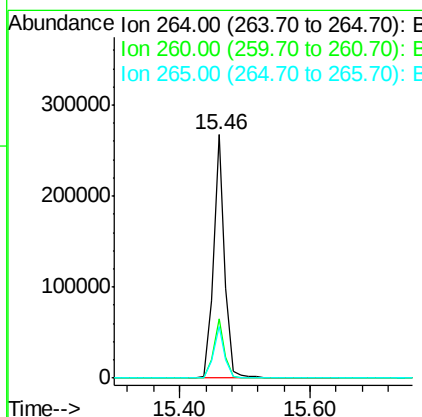
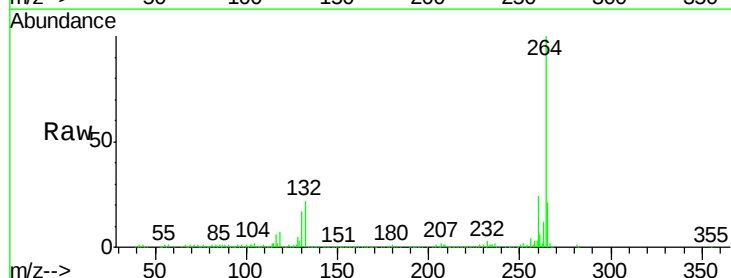
Instrument :
BNA_F
ClientSampleId :

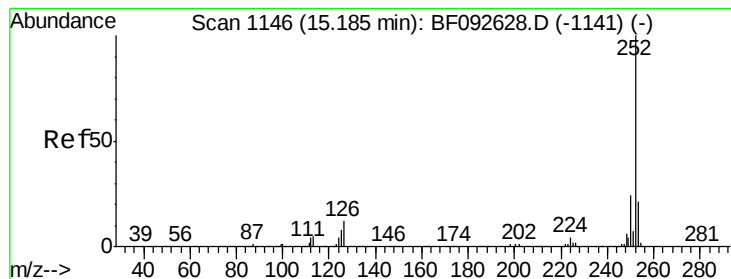
Tot Ion:276 Resp: 952924
Ion Ratio Lower Upper
276 100
138 32.7 21.8 32.6#
277 25.3 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Tgt Ion:264 Resp: 323005
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.4 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 86.06 ng

RT: 15.08 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

Instrument :

BNA_F

ClientSampleId :

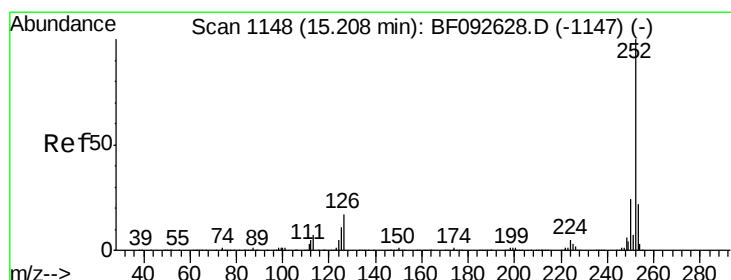
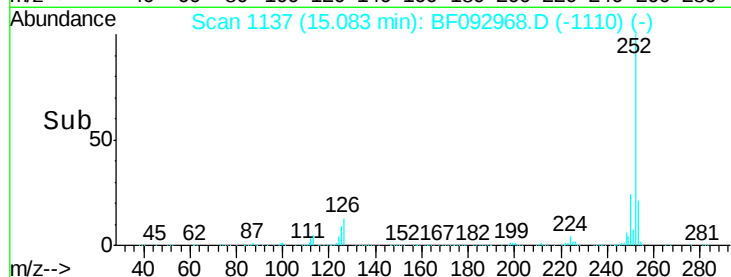
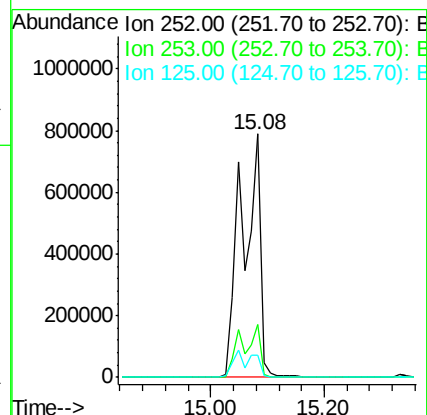
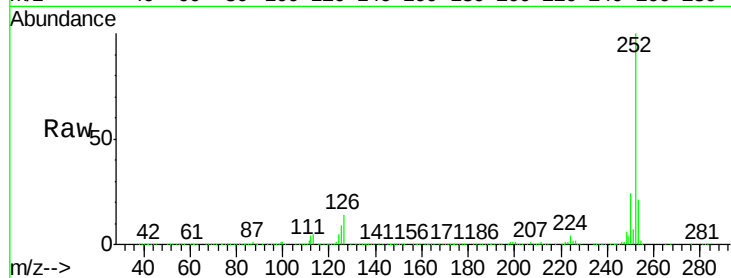
Tot Ion:252 Resp: 1829599

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

125 9.3 9.8 14.6#



#88

Benzo(k)fluoranthene

Concen: 99.67 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BF092968.D

Acq: 15 Feb 2017 23:09

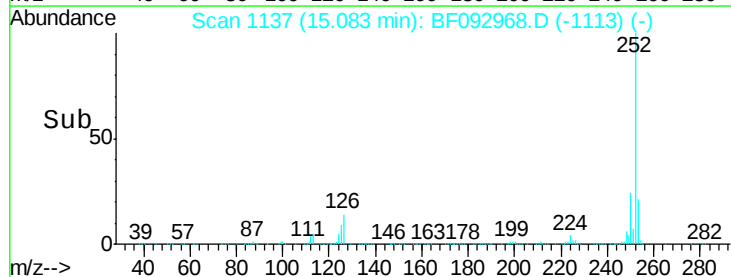
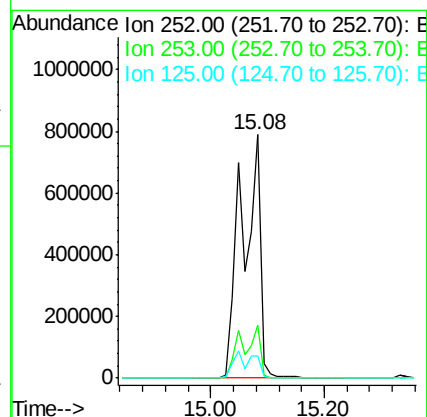
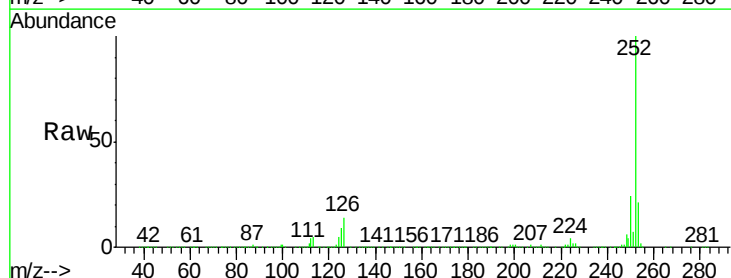
Tgt Ion:252 Resp: 1829599

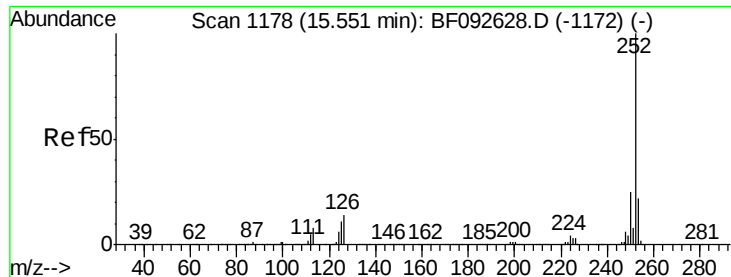
Ion Ratio Lower Upper

252 100

253 21.5 18.5 27.7

125 9.3 8.9 13.3

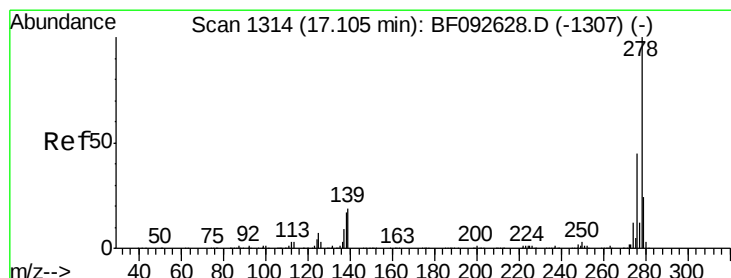
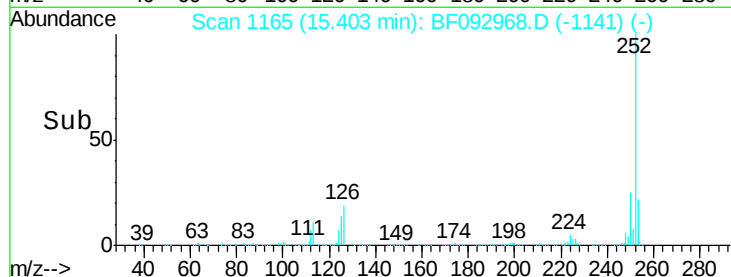
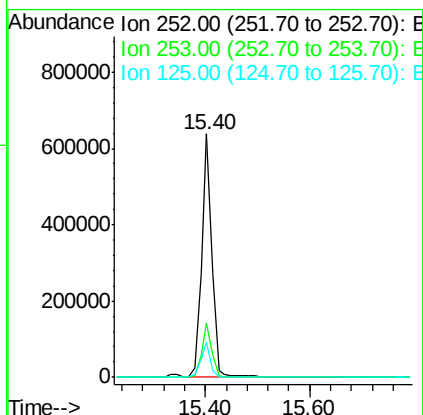
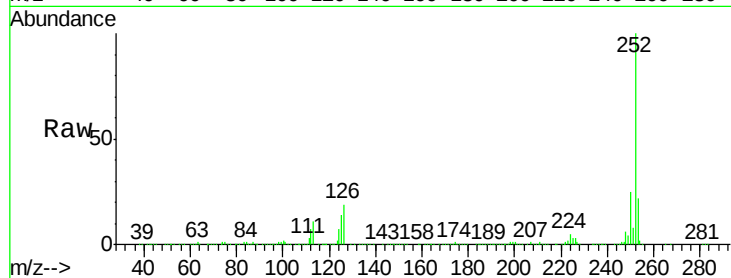




#89
Benzo(a)pyrene
Concen: 46.87 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

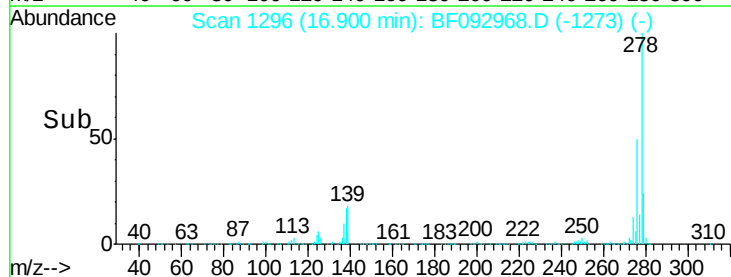
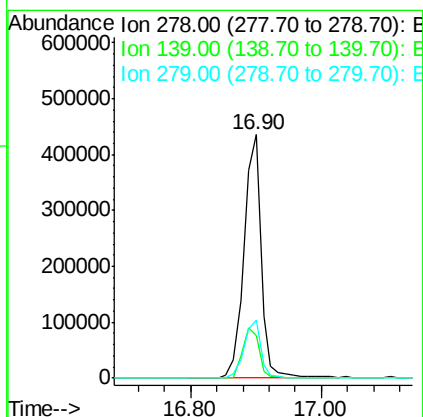
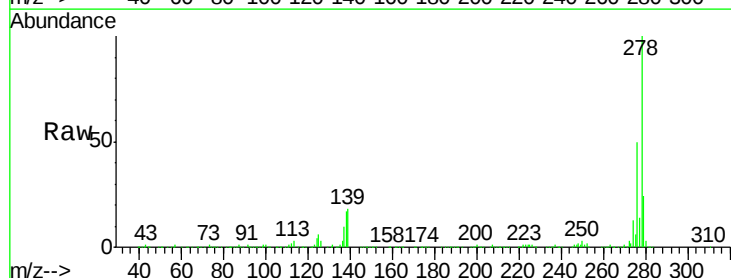
Instrument :
BNA_F
ClientSampleId :

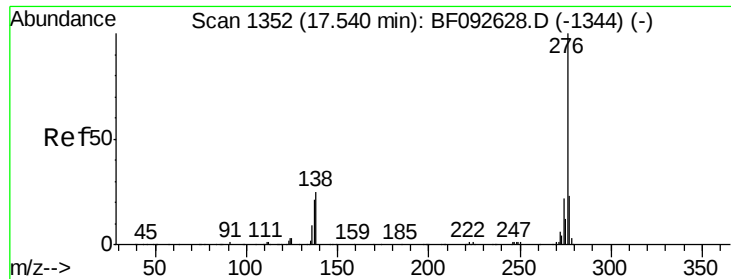
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	14.5	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 53.31 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF092968.D
Acq: 15 Feb 2017 23:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.8	22.2
279	23.6	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 53.21 ng
 RT: 17.31 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: BF092968.D
 Acq: 15 Feb 2017 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	28.1	16.0	24.0

