

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092926.D
 Acq On : 13 Feb 2017 18:56
 Operator : SJ/MA
 Sample : PB96899BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

Quant Time: Feb 14 00:39:27 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	134064	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	561045	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	292387	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	496793	20.00	ng	0.00
75) Chrysene-d12	14.04	240	435195	20.00	ng	-0.01
86) Perylene-d12	15.48	264	400371	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	967038	123.75	ng	0.01
7) Phenol-d6	6.52	99	1166629	116.03	ng	-0.01
23) Nitrobenzene-d5	7.45	82	723591	71.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	260960	123.40	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1339753	83.01	ng	0.00
78) Terphenyl-d14	12.99	244	1252762	67.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	144082	34.12	ng	87
3) Pyridine	3.29	79	363185	33.83	ng	87
4) n-Nitrosodimethylamine	3.24	42	198768	39.43	ng	86
6) Aniline	6.54	93	265062	19.33	ng	# 47
8) 2-Chlorophenol	6.67	128	359030	41.65	ng	92
9) Benzaldehyde	6.43	77	91605	12.72	ng	98
10) Phenol	6.53	94	469630	39.92	ng	80
11) bis(2-Chloroethyl)ether	6.61	93	343566	36.59	ng	88
12) 1,3-Dichlorobenzene	6.90	146	418708	41.47	ng	95
13) 1,4-Dichlorobenzene	6.90	146	418708	40.97	ng	96
14) 1,2-Dichlorobenzene	7.05	146	364433	37.29	ng	98
15) Benzyl Alcohol	7.02	79	296502	39.83	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	611443	37.48	ng	93
17) 2-Methylphenol	7.14	107	294925	39.88	ng	97
18) Hexachloroethane	7.39	117	131538	37.70	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	257774	40.27	ng	98
20) 3+4-Methylphenols	7.30	107	372019	42.07	ng	96
22) Acetophenone	7.29	105	464565	36.27	ng	# 93
24) Nitrobenzene	7.47	77	403238	38.98	ng	# 85
25) Isophorone	7.71	82	719321	38.32	ng	98
26) 2-Nitrophenol	7.78	139	191381	38.92	ng	91
27) 2,4-Dimethylphenol	7.82	122	346019	40.06	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	445089	35.80	ng	99
29) 2,4-Dichlorophenol	8.03	162	327655	40.68	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	330870	38.12	ng	99
31) Naphthalene	8.19	128	1055836	37.12	ng	99
32) Benzoic acid	7.95	122	133152	30.31	ng	98
33) 4-Chloroaniline	8.24	127	143801	12.89	ng	97
34) Hexachlorobutadiene	8.30	225	171850	35.98	ng	99
35) Caprolactam	8.60	113	97410	38.45	ng	# 34
36) 4-Chloro-3-methylphenol	8.73	107	342996	40.84	ng	96
37) 2-Methylnaphthalene	8.88	142	682276	37.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	317359	38.67	ng	98
40) Hexachlorocyclopentadiene	9.02	237	174263	47.06	ng	96

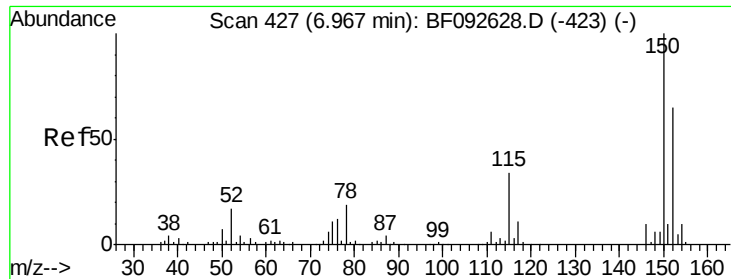
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	223150	41.38	ng	93
43) 2,4,5-Trichlorophenol	9.21	196	212803	36.01	ng	# 81
45) 1,1'-Biphenyl	9.34	154	859356	40.59	ng	100
46) 2-Chloronaphthalene	9.37	162	677080	40.88	ng	99
47) 2-Nitroaniline	9.46	65	211058	37.90	ng	91
48) Acenaphthylene	9.78	152	1004067	35.09	ng	98
49) Dimethylphthalate	9.64	163	725897	36.86	ng	99
50) 2,6-Dinitrotoluene	9.71	165	189345	44.52	ng	91
51) Acenaphthene	9.95	154	668049	39.05	ng	95
52) 3-Nitroaniline	9.87	138	100264	20.60	ng	94
53) 2,4-Dinitrophenol	9.98	184	167433	77.54	ng	# 67
54) Dibenzofuran	10.12	168	874457	38.22	ng	97
55) 4-Nitrophenol	10.05	139	269680	76.93	ng	# 61
56) 2,4-Dinitrotoluene	10.11	165	217223	38.36	ng	97
57) Fluorene	10.46	166	648851	36.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	177158	44.94	ng	95
59) Diethylphthalate	10.34	149	716273	38.59	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	308322	36.46	ng	# 72
61) 4-Nitroaniline	10.49	138	166630	33.42	ng	93
62) Azobenzene	10.61	77	798838	41.66	ng	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	131853	43.85	ng	91
65) n-Nitrosodiphenylamine	10.58	169	610917	38.49	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	181897	35.05	ng	94
67) Hexachlorobenzene	11.01	284	190048	37.05	ng	# 90
68) Atrazine	11.10	200	177219	34.80	ng	98
69) Pentachlorophenol	11.21	266	191403	72.98	ng	97
70) Phenanthrene	11.42	178	977972	34.36	ng	98
71) Anthracene	11.48	178	1109635	38.82	ng	98
72) Carbazole	11.63	167	969910	35.50	ng	99
73) Di-n-butylphthalate	11.96	149	1109014	37.53	ng	98
74) Fluoranthene	12.61	202	995931	33.92	ng	99
76) Benzidine	12.74	184	254389	13.72	ng	97
77) Pyrene	12.84	202	1011775	31.07	ng	99
79) Butylbenzylphthalate	13.46	149	479194	36.23	ng	94
80) Benzo(a)anthracene	14.03	228	907196	34.08	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	211824	22.33	ng	# 94
82) Chrysene	14.07	228	801805	32.17	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	658258	36.39	ng	# 98
84) Di-n-octyl phthalate	14.63	149	1148340	38.99	ng	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	879856	45.58	ng	95
87) Benzo(b)fluoranthene	15.07	252	983569	37.32	ng	# 96
88) Benzo(k)fluoranthene	15.07	252	983569	43.23	ng	96
89) Benzo(a)pyrene	15.43	252	852172	37.38	ng	98
90) Dibenzo(a,h)anthracene	16.92	278	735874	39.94	ng	99
91) Benzo(g,h,i)perylene	17.33	276	738905	39.70	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

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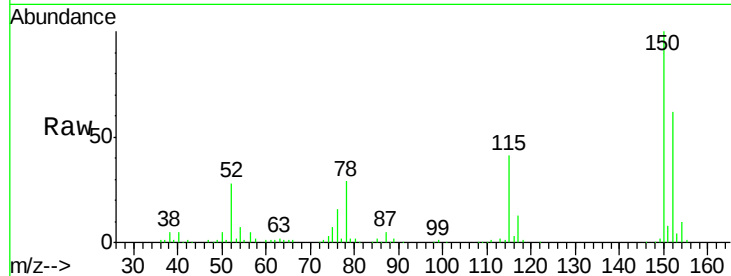
Tgt Ion:152 Resp: 134064

Ion Ratio Lower Upper

152 100

150 160.4 124.9 187.3

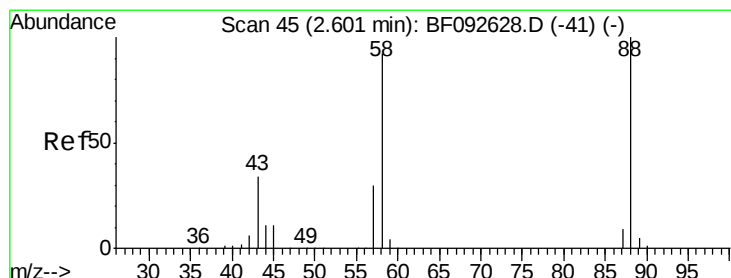
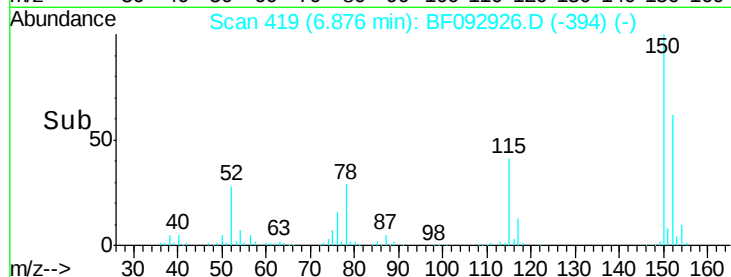
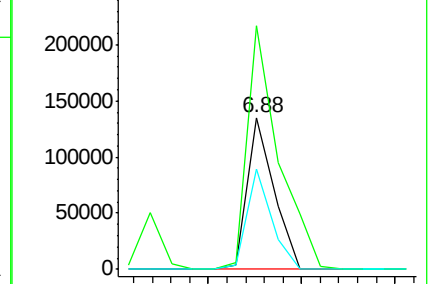
115 65.7 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.12 ng

RT: 2.56 min Scan# 41

Delta R.T. 0.09 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

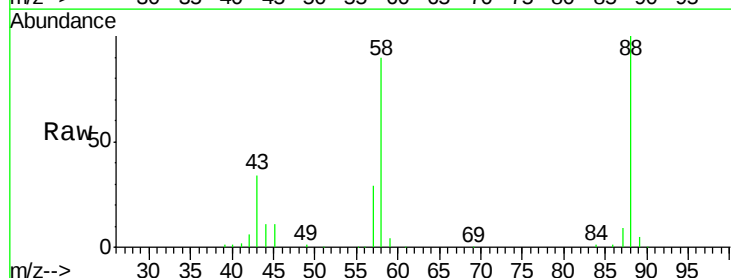
Tgt Ion: 88 Resp: 144082

Ion Ratio Lower Upper

88 100

58 86.1 57.8 86.8

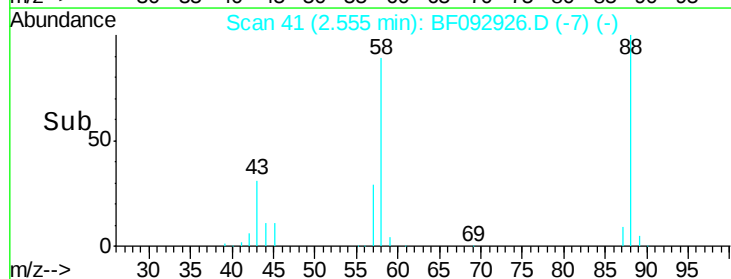
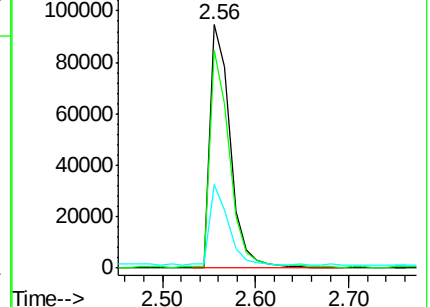
43 30.8 22.3 33.5

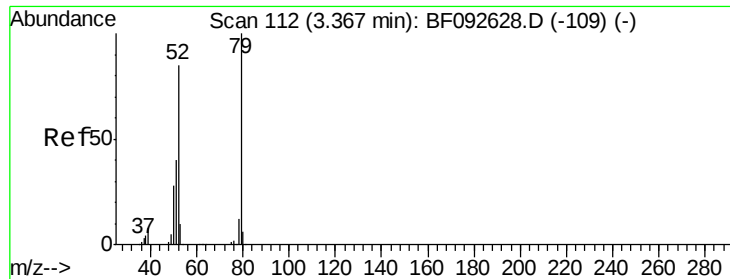


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.83 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

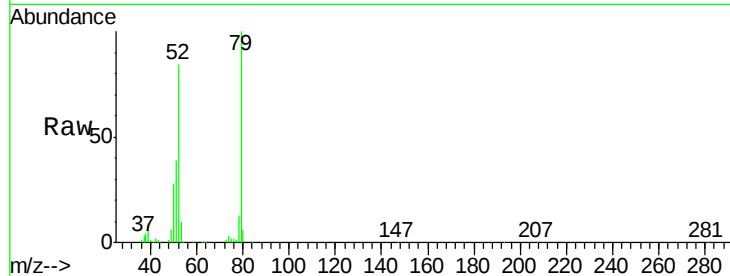
Tgt Ion: 79 Resp: 363185

Ion Ratio Lower Upper

79 100

52 84.0 57.1 85.7

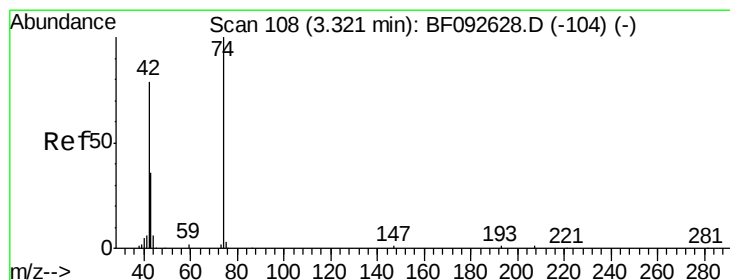
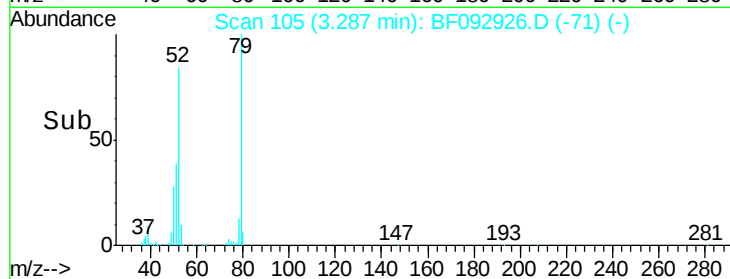
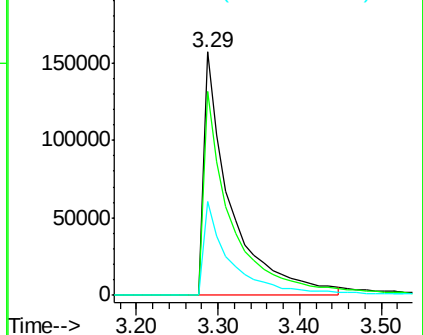
51 38.6 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.43 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

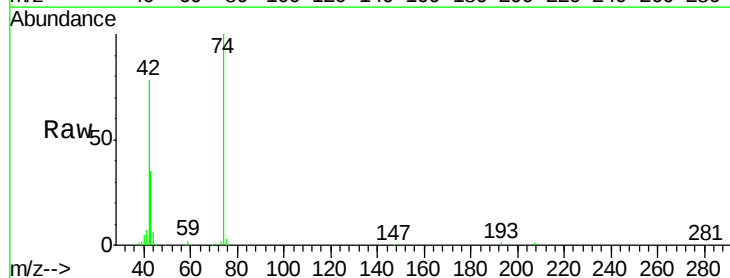
Tgt Ion: 42 Resp: 198768

Ion Ratio Lower Upper

42 100

74 128.6 117.0 175.4

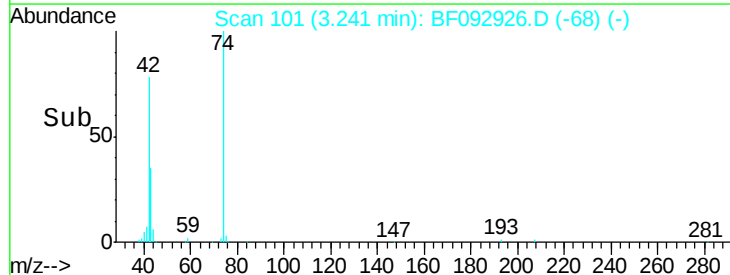
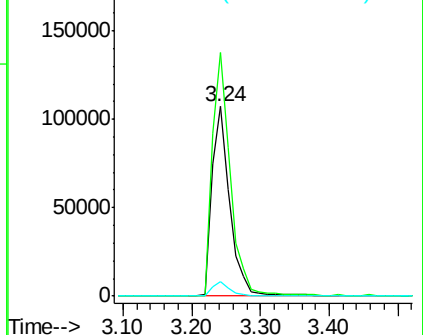
44 7.9 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.75 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF092926.D

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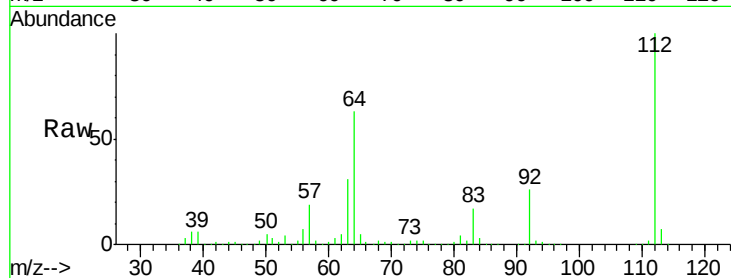
Tgt Ion: 112 Resp: 967038

Ion Ratio Lower Upper

112 100

64 62.5 46.1 69.1

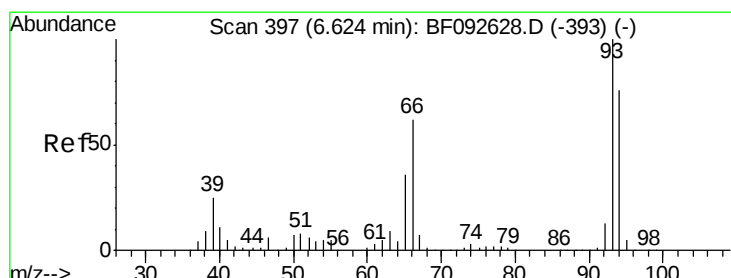
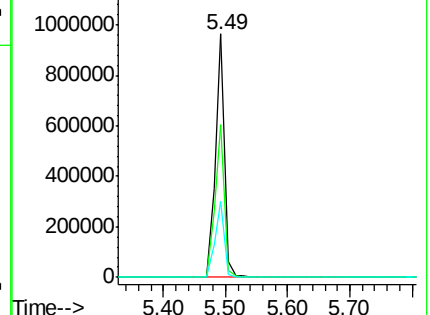
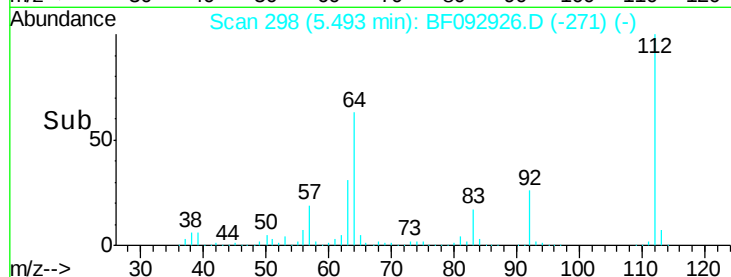
63 31.4 23.8 35.6



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: 19.33 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

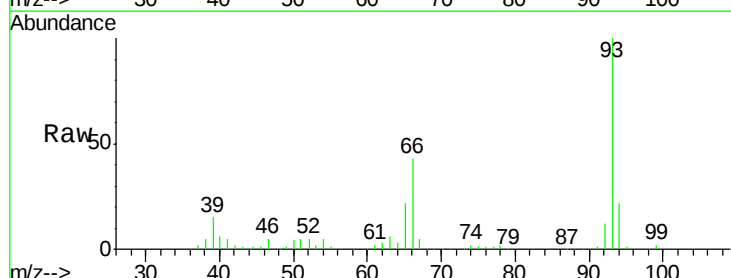
Tgt Ion: 93 Resp: 265062

Ion Ratio Lower Upper

93 100

66 43.2 76.2 114.2#

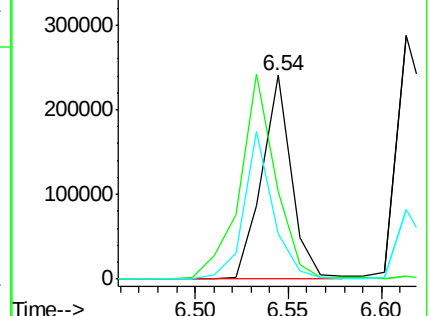
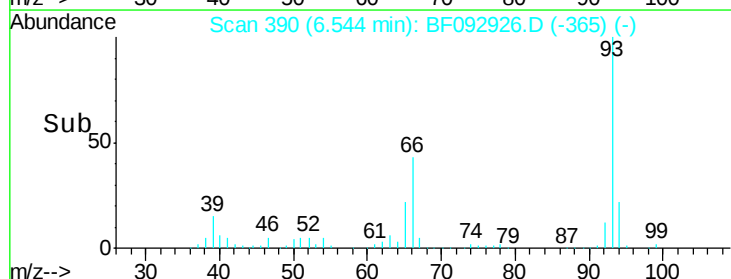
65 22.2 49.3 73.9#

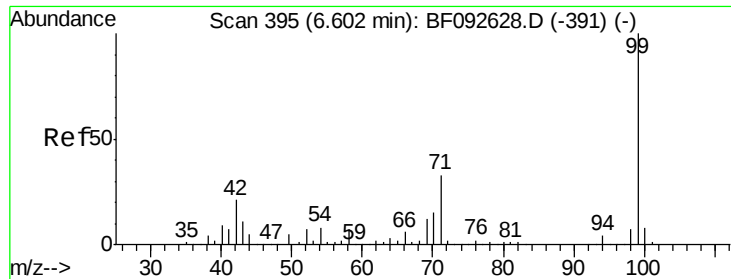


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.03 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092926.D

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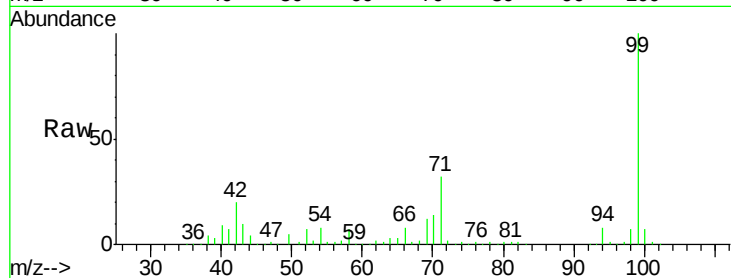
Tgt Ion: 99 Resp: 1166629

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

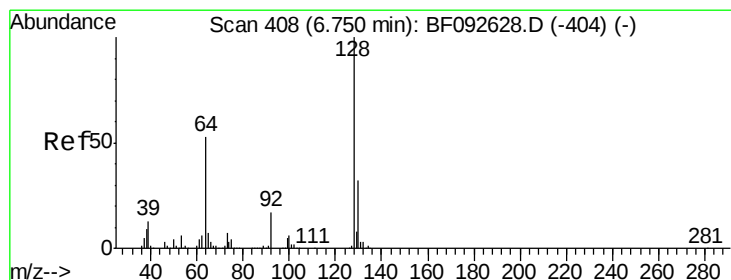
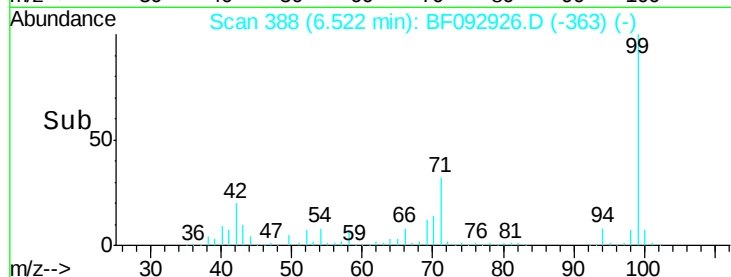
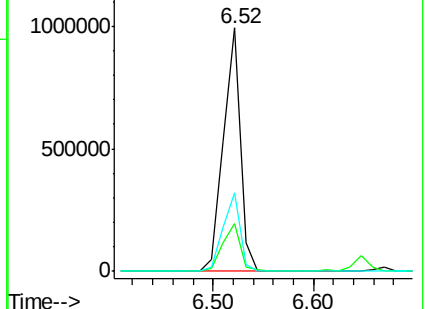
71 32.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.65 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

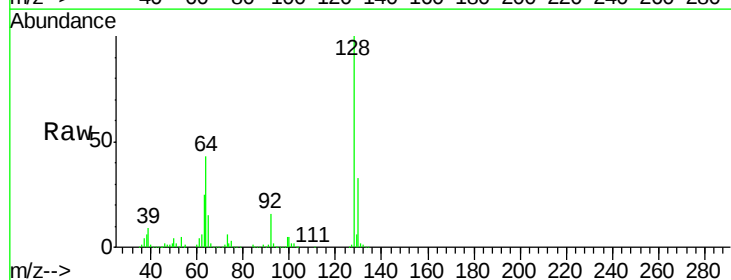
Tgt Ion: 128 Resp: 359030

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

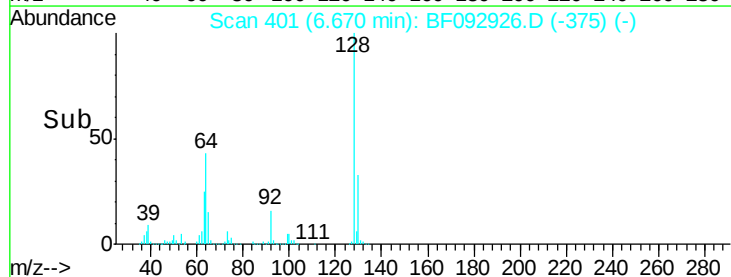
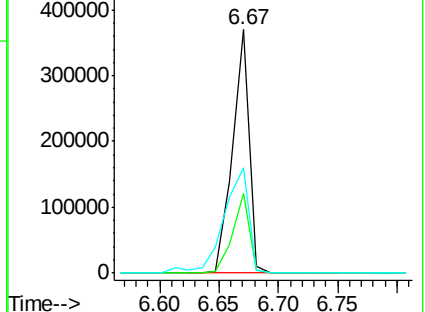
64 43.1 32.2 72.2

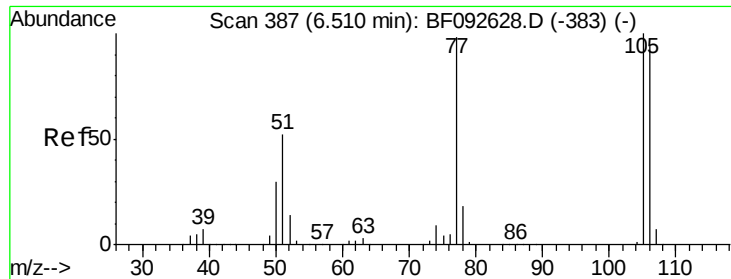


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.72 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

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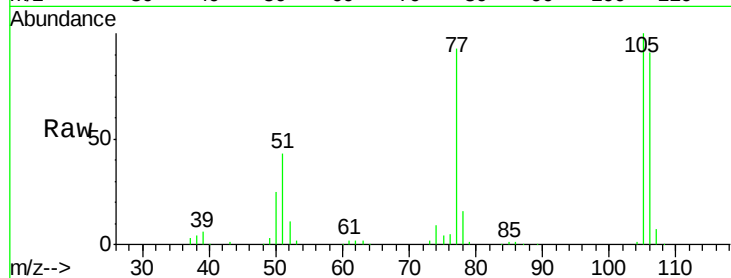
Tgt Ion: 77 Resp: 91605

Ion Ratio Lower Upper

77 100

105 107.2 83.9 123.9

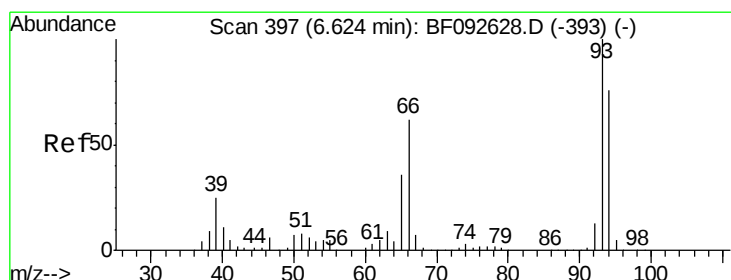
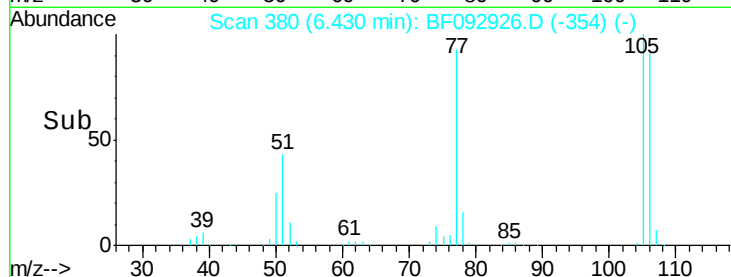
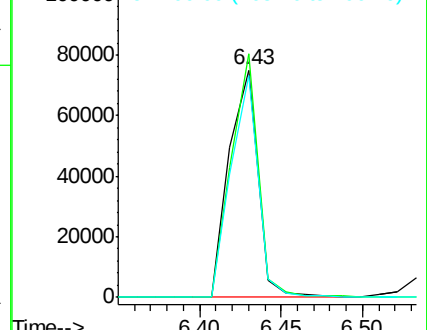
106 97.8 77.6 117.6



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: 39.92 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

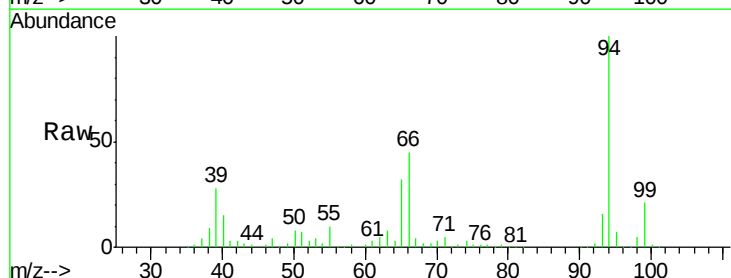
Tgt Ion: 94 Resp: 469630

Ion Ratio Lower Upper

94 100

65 32.2 21.4 61.4

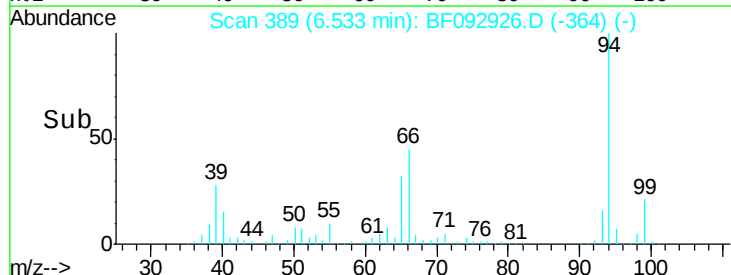
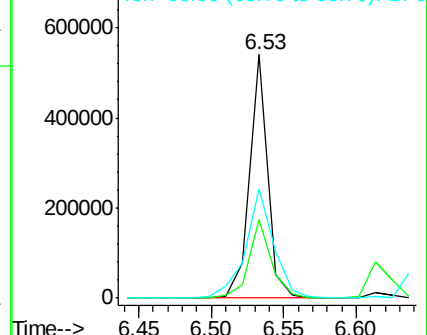
66 45.0 44.0 84.0



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

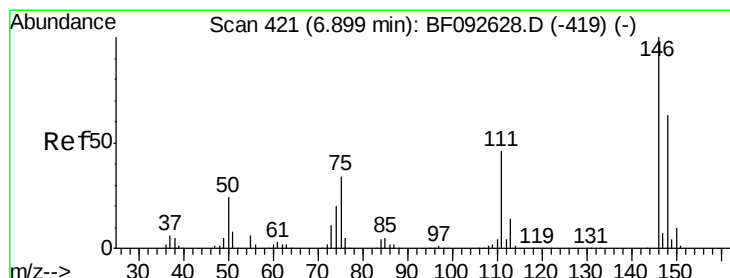
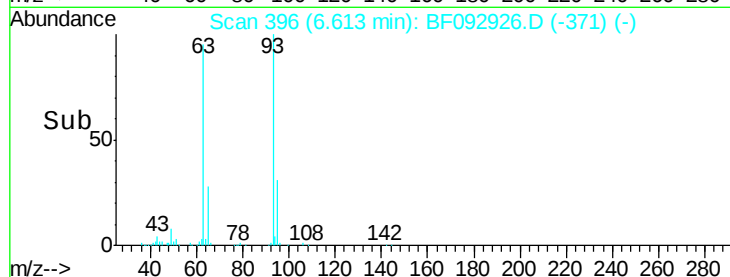
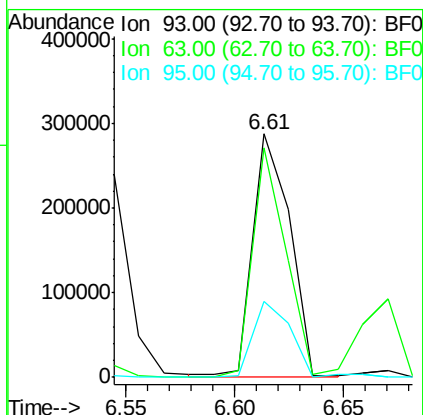
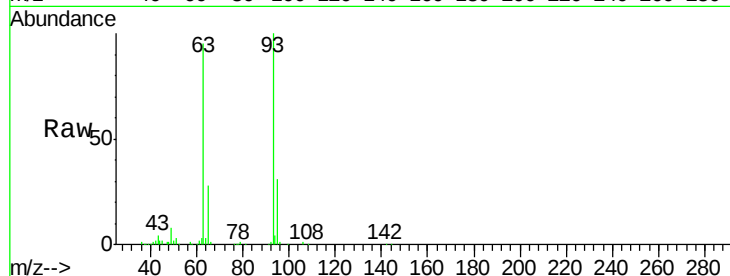




#11
bis(2-Chloroethyl)ether
Concen: 36.59 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

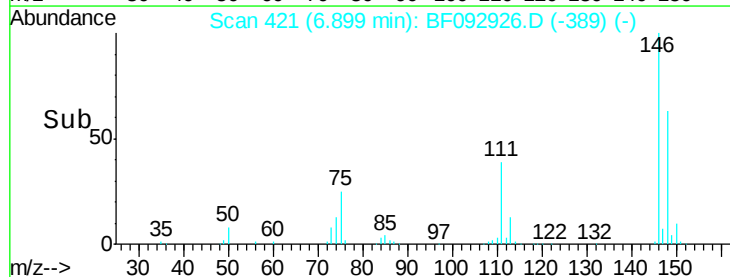
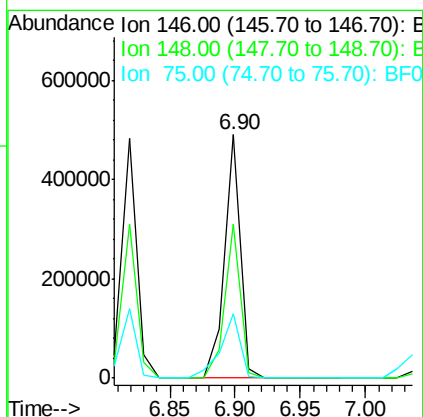
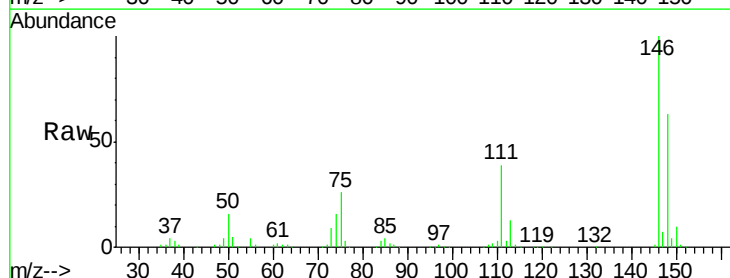
Instrument :
BNA_F
ClientSampleId :
PB96899BS

Tgt Ion: 93 Resp: 343566
Ion Ratio Lower Upper
93 100
63 94.5 60.4 100.4
95 31.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.47 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.07 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Tgt Ion: 146 Resp: 418708
Ion Ratio Lower Upper
146 100
148 63.2 53.4 80.0
75 26.4 18.5 27.7

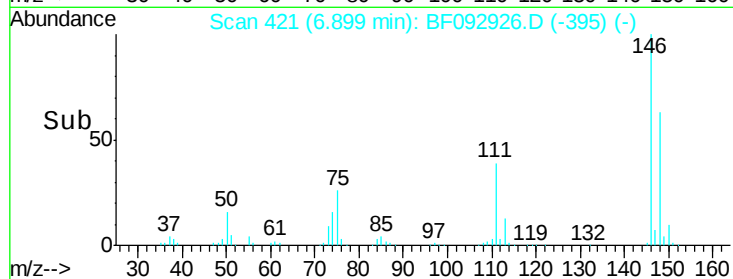
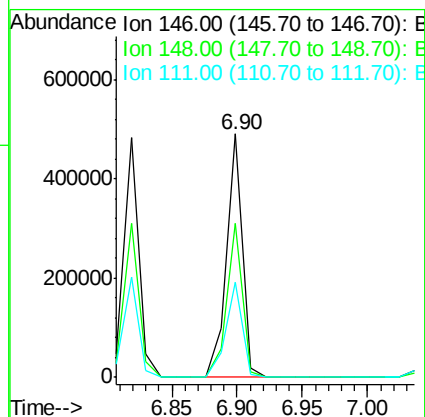
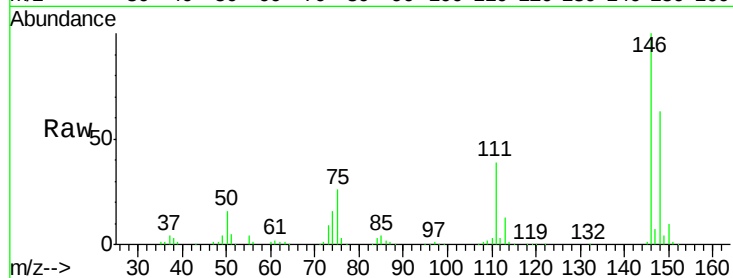




#13
 1,4-Dichlorobenzene
 Concen: 40.97 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

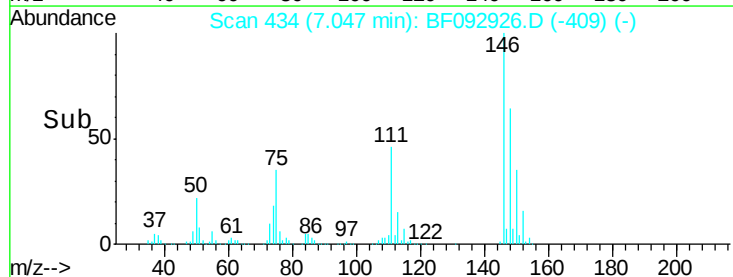
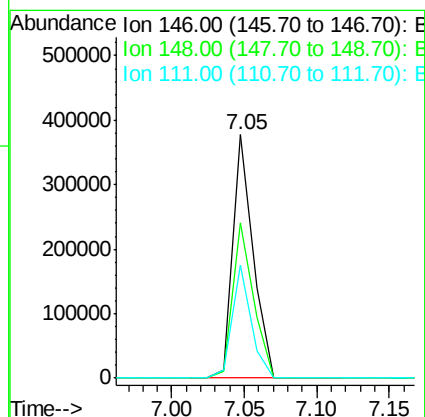
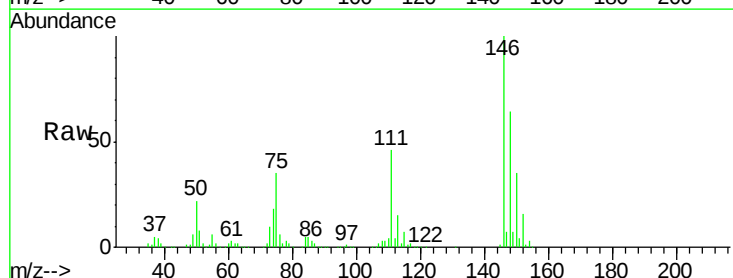
Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

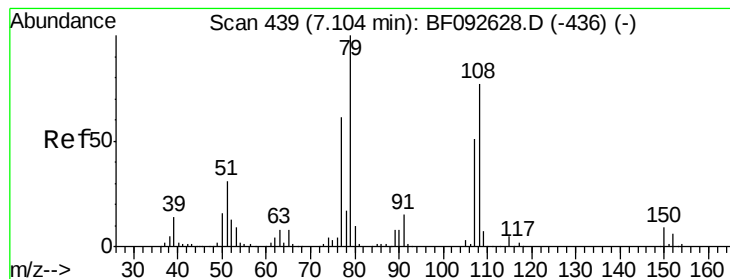
Tgt Ion:146 Resp: 418708
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 76.0
 111 39.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 37.29 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Tgt Ion:146 Resp: 364433
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 46.4 36.2 54.2





#15

Benzyl Alcohol

Concen: 39.83 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

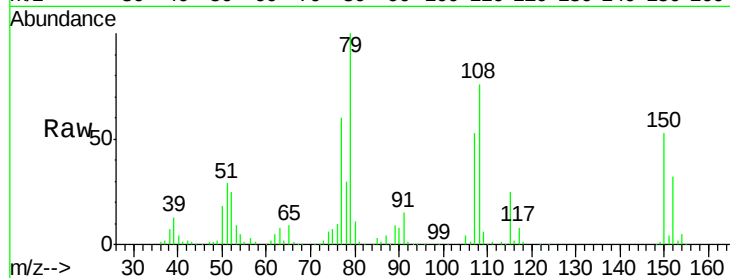
Tgt Ion: 79 Resp: 296502

Ion Ratio Lower Upper

79 100

108 76.1 61.4 92.0

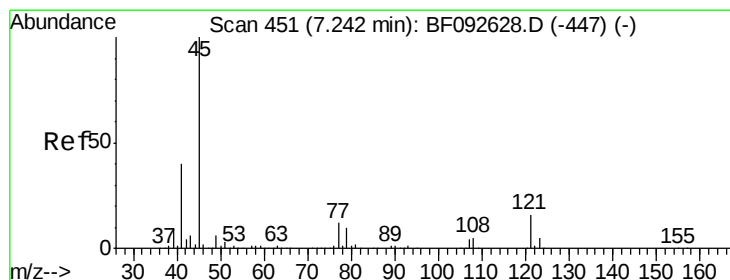
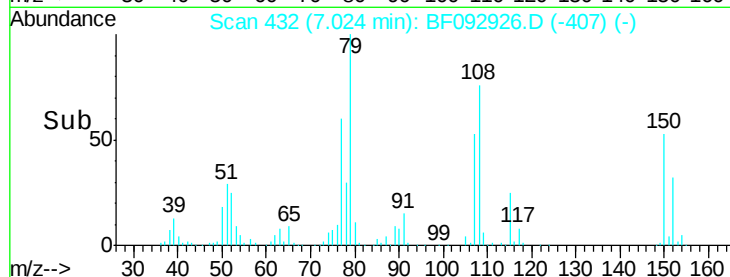
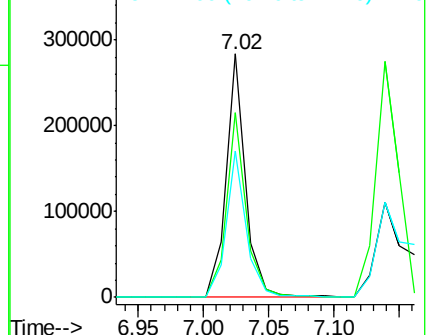
77 60.3 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.48 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

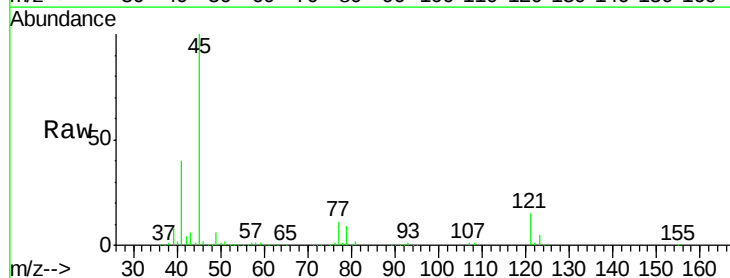
Tgt Ion: 45 Resp: 611443

Ion Ratio Lower Upper

45 100

77 11.2 0.0 34.6

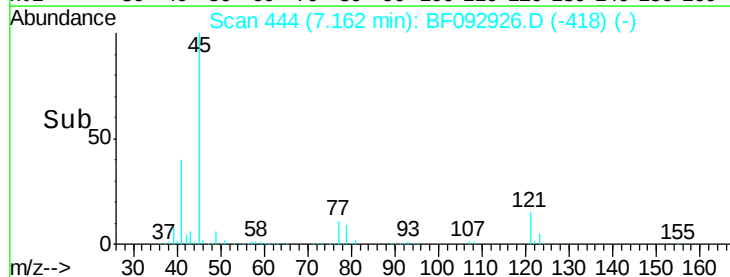
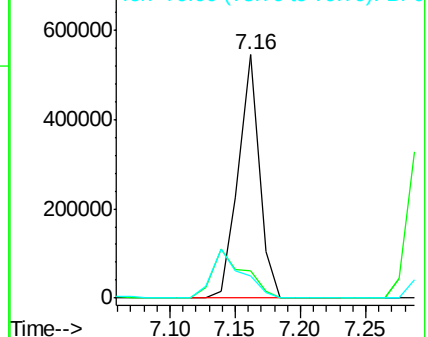
79 9.0 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

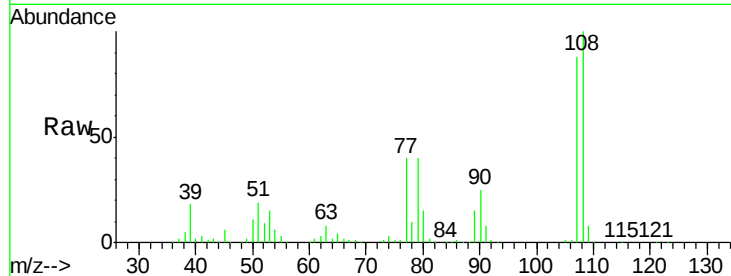




#17
2-Methylphenol
Concen: 39.88 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB96899BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.4	93.0	139.6
77	45.6	39.8	59.8
79	45.7	38.0	57.0



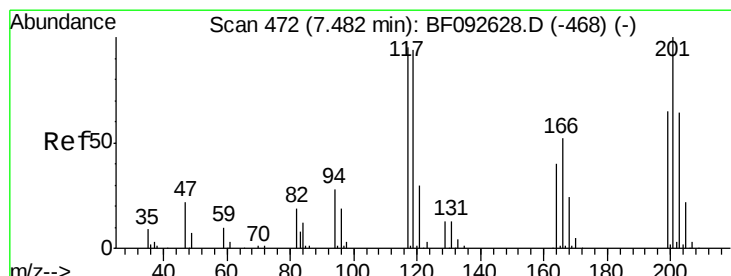
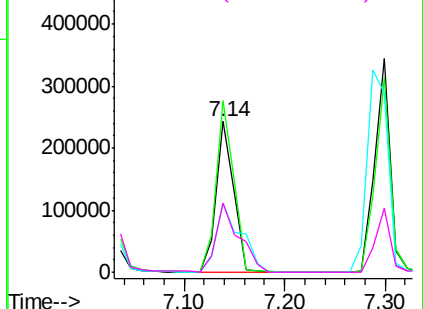
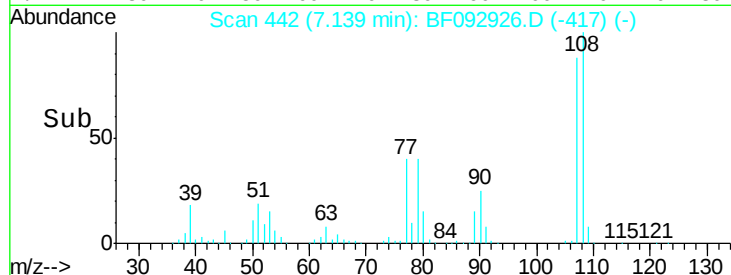
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

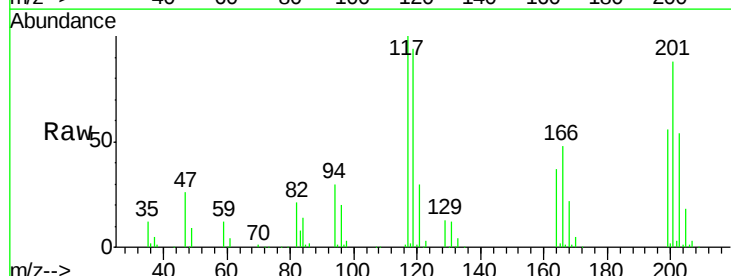
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 37.70 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.1	117.1
201	87.7	78.6	117.8

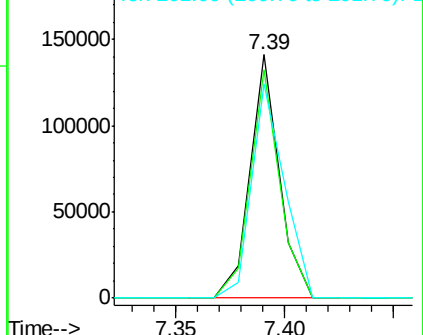
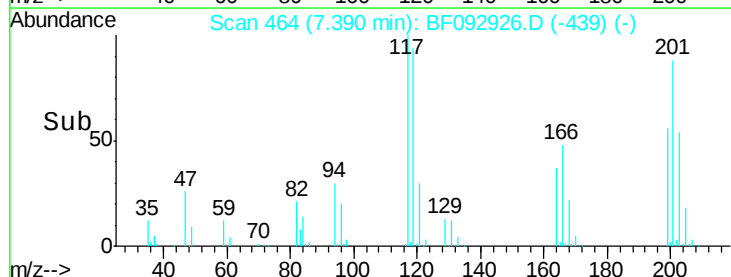


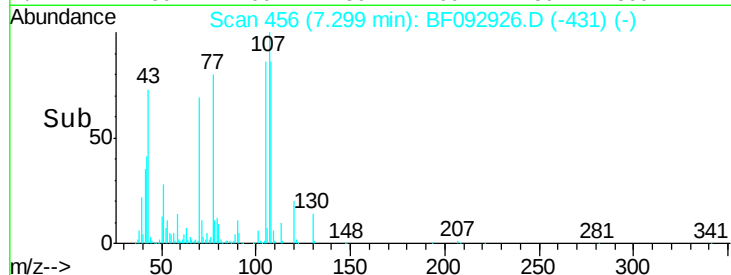
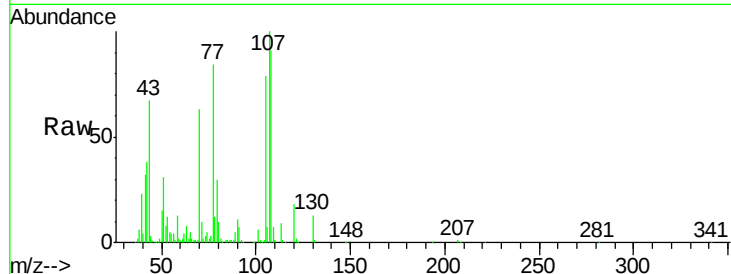
Abundance

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

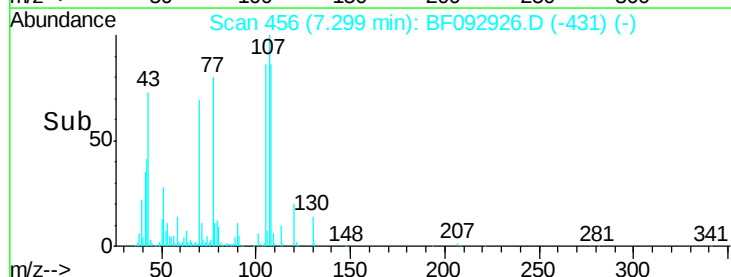
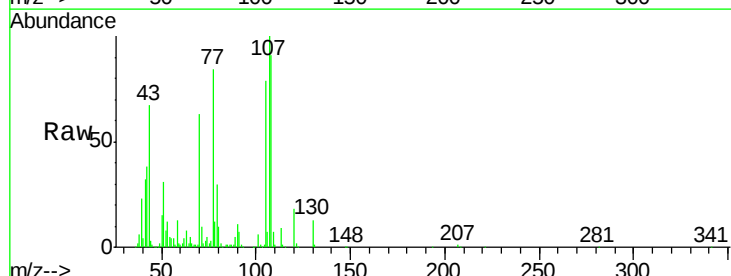
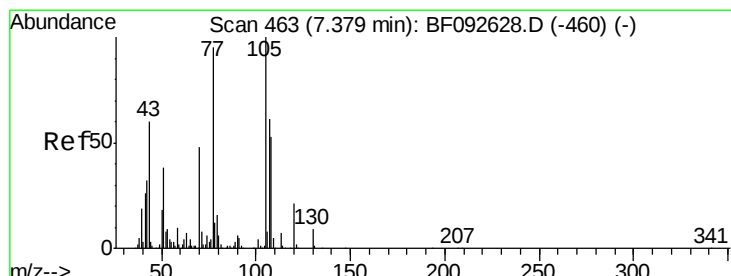
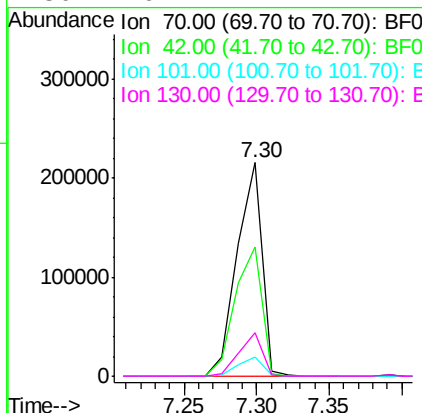




#19
n-Nitroso-di-n-propylamine
Concen: 40.27 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

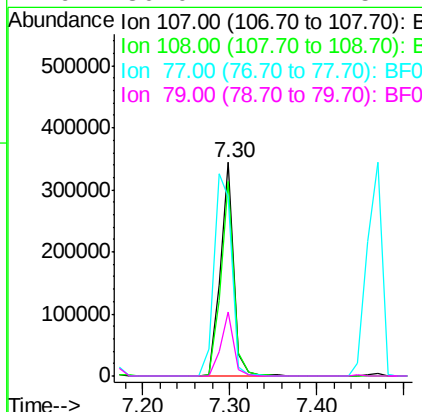
Instrument :
BNA_F
ClientSampleId :
PB96899BS

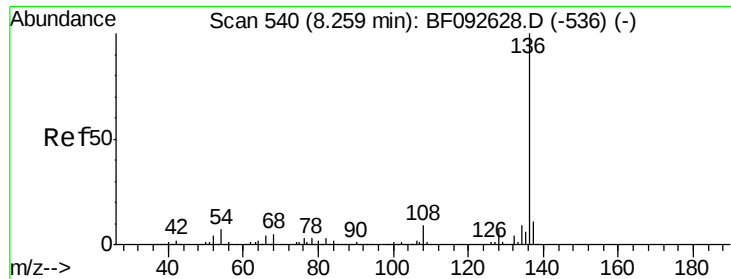
Tgt Ion:	70	Resp:	257774
Ion	Ratio	Lower	Upper
70	100		
42	60.5	49.4	74.0
101	9.2	7.4	11.2
130	20.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 42.07 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Tgt Ion:	107	Resp:	372019
Ion	Ratio	Lower	Upper
107	100		
108	91.3	73.0	113.0
77	84.0	71.3	111.3
79	30.0	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

Tgt Ion:136 Resp: 561045

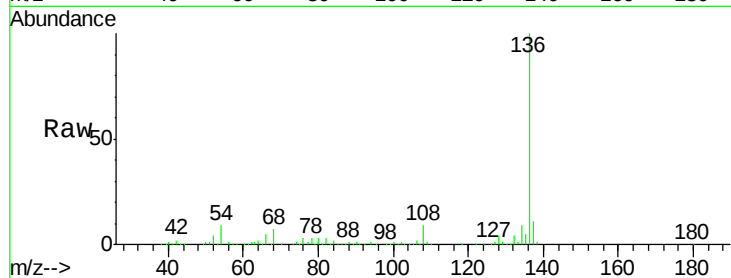
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.9 4.5 6.7#

68 6.6 3.6 5.4#

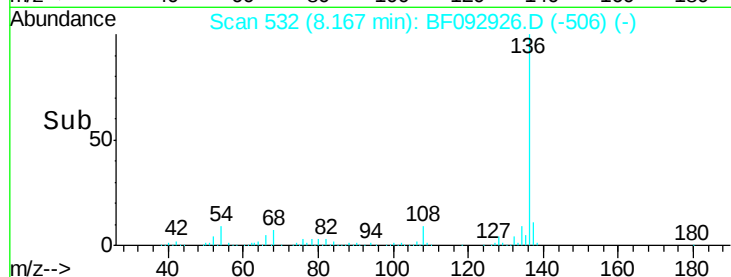


Abundance Ion 136.00 (135.70 to 136.70): E

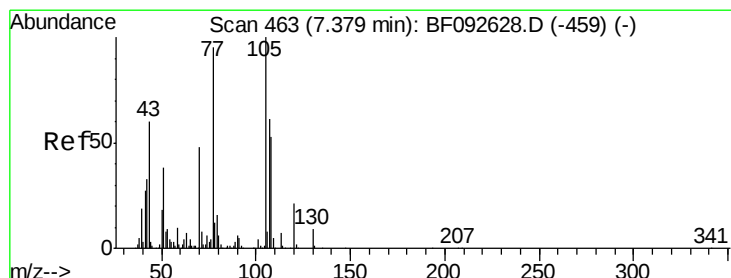
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.27 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Tgt Ion:105 Resp: 464565

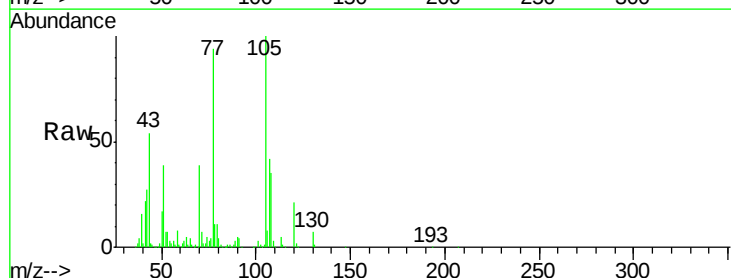
Ion Ratio Lower Upper

105 100

71 6.7 3.2 4.8#

51 39.2 26.2 39.4

120 20.9 16.6 24.8

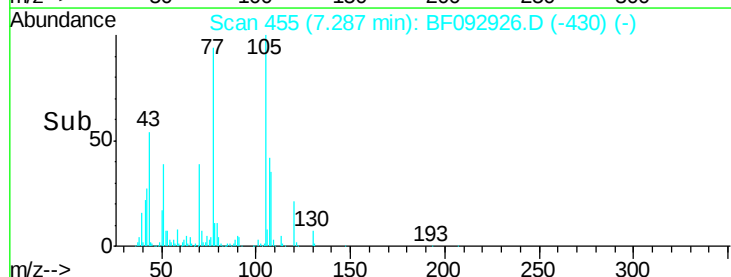


Abundance Ion 105.00 (104.70 to 105.70): E

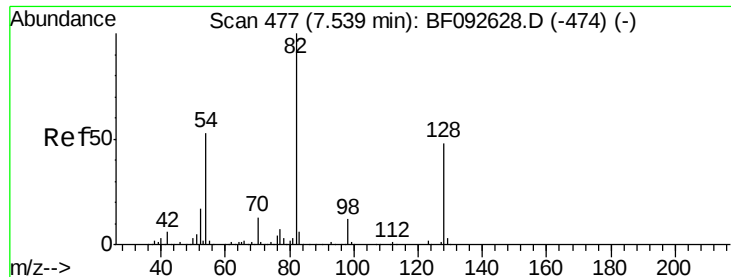
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



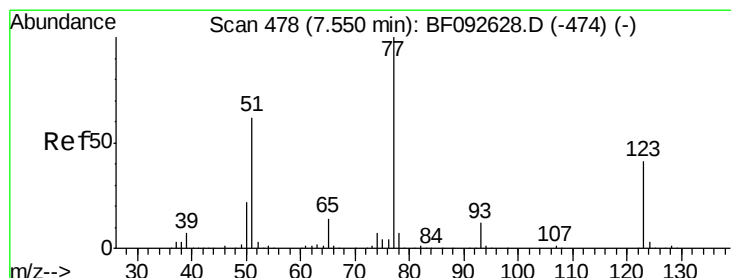
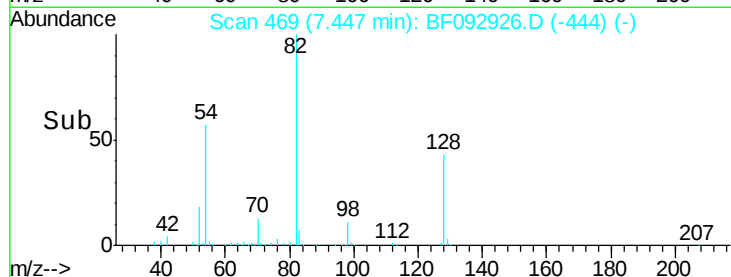
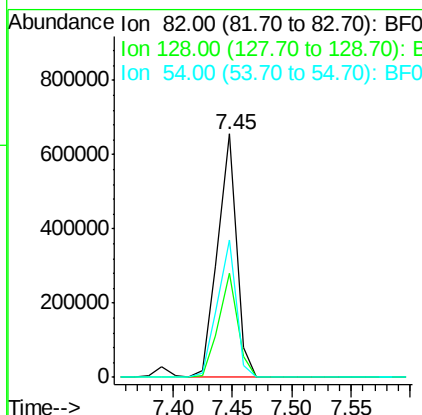
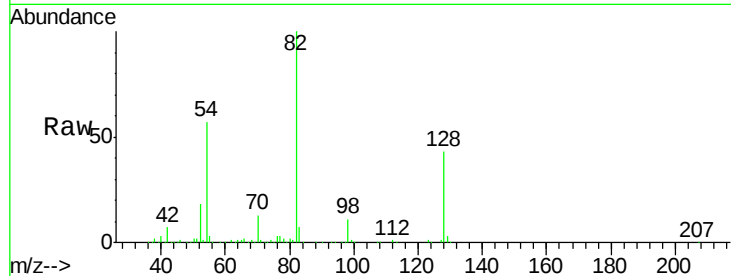
Time-->



#23
 Nitrobenzene-d5
 Concen: 71.82 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

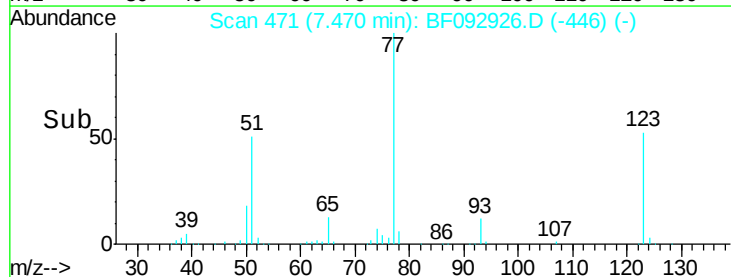
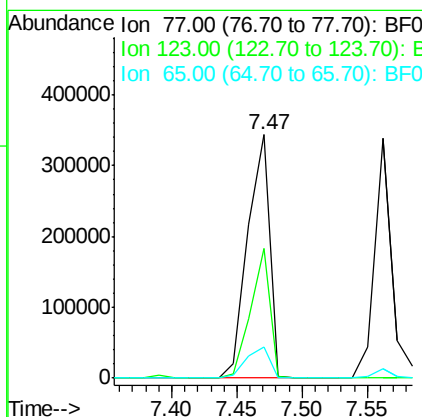
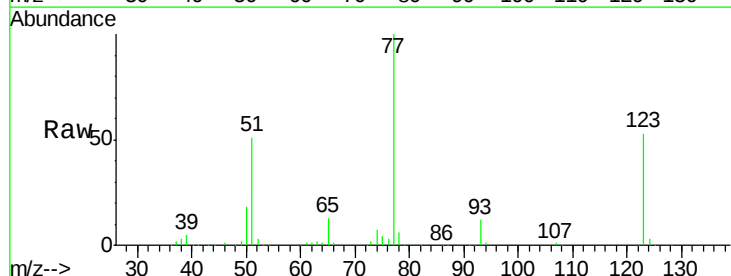
Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

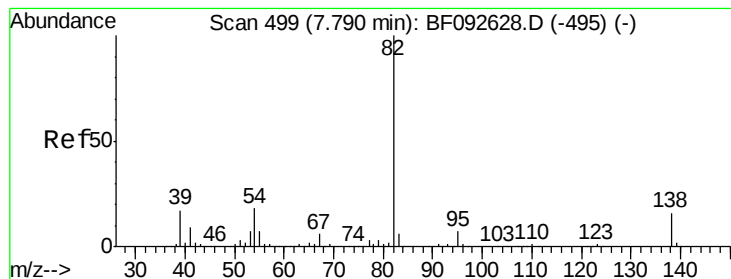
Tgt Ion: 82 Resp: 723591
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.6 52.0
 54 56.6 39.5 59.3



#24
 Nitrobenzene
 Concen: 38.98 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Tgt Ion: 77 Resp: 403238
 Ion Ratio Lower Upper
 77 100
 123 53.3 33.0 49.4#
 65 12.9 11.2 16.8





#25

Isophorone

Concen: 38.32 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

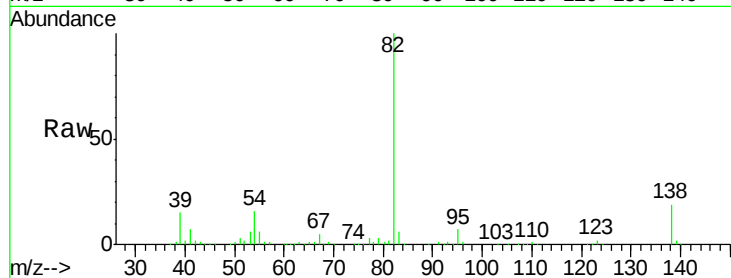
Tgt Ion: 82 Resp: 719321

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

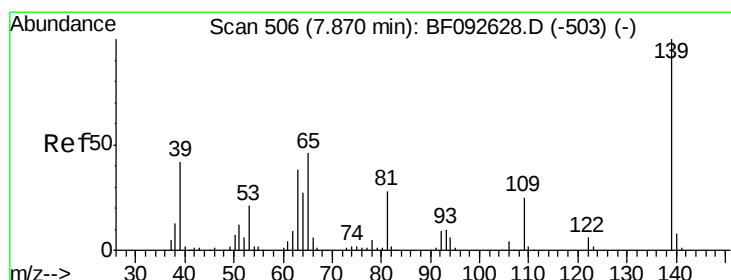
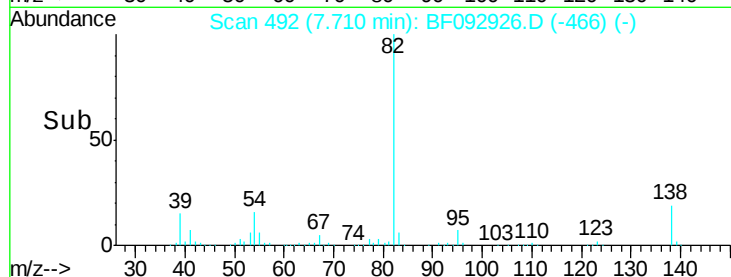
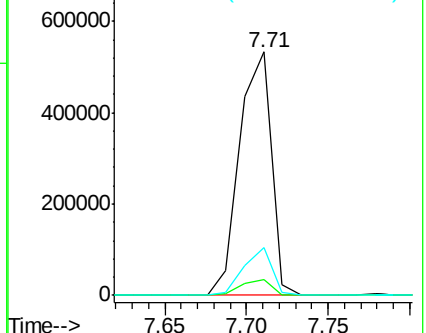
138 19.5 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.92 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

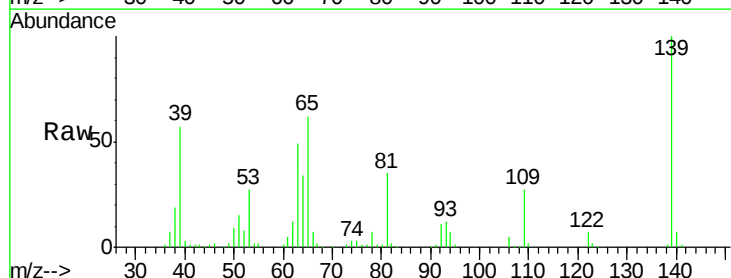
Tgt Ion: 139 Resp: 191381

Ion Ratio Lower Upper

139 100

109 26.7 23.3 34.9

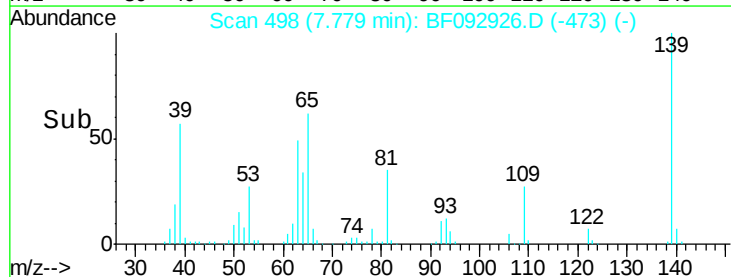
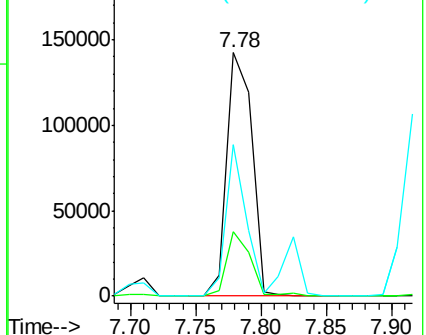
65 62.0 42.7 64.1

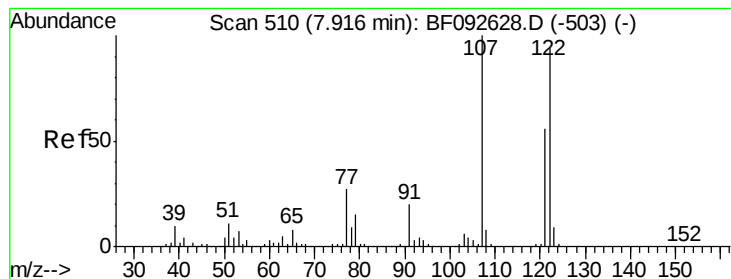


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.06 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampled :

PB96899BS

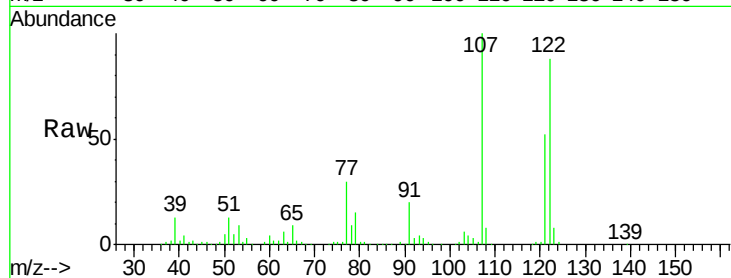
Tgt Ion:122 Resp: 346019

Ion Ratio Lower Upper

122 100

107 113.2 94.1 141.1

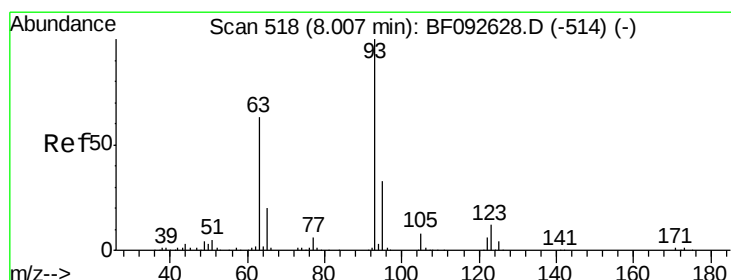
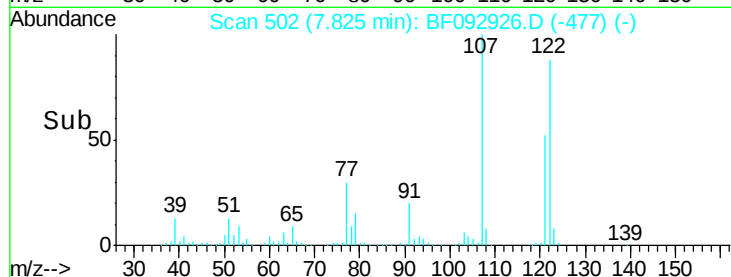
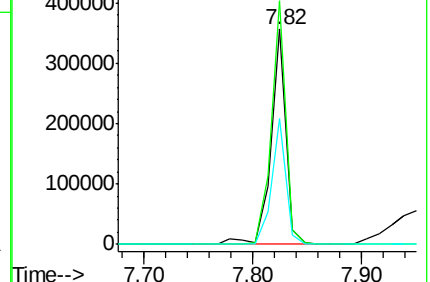
121 58.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.80 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

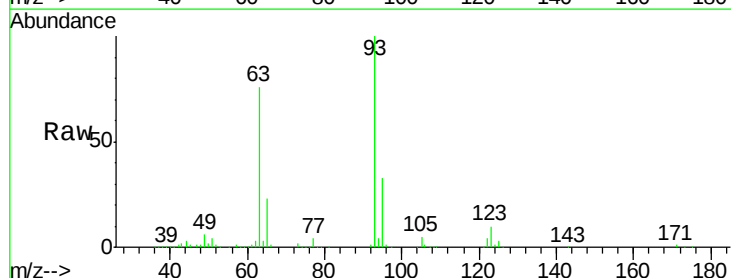
Tgt Ion: 93 Resp: 445089

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

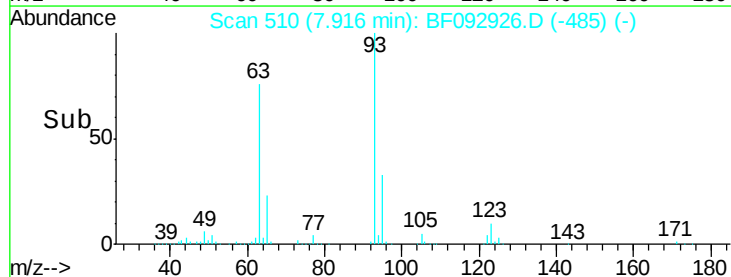
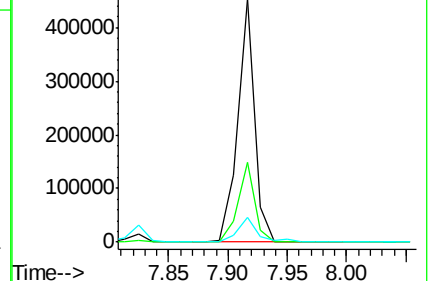
123 10.3 8.6 13.0

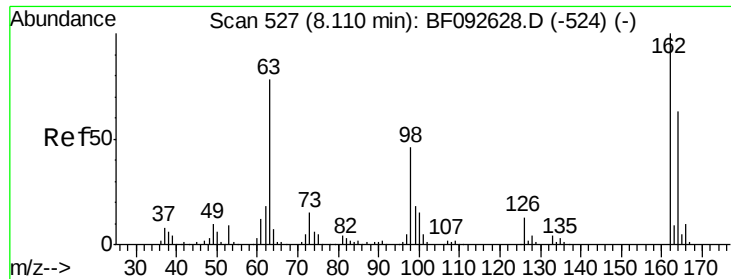


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

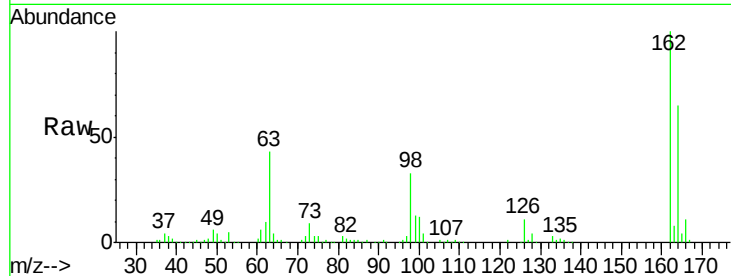




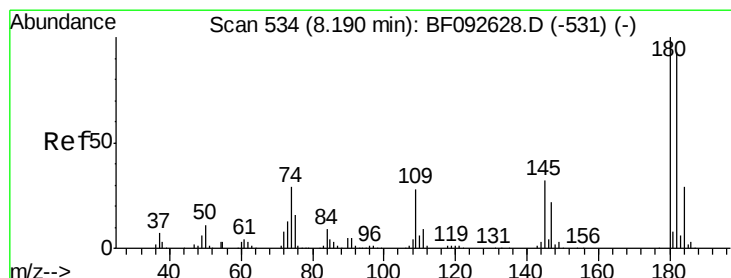
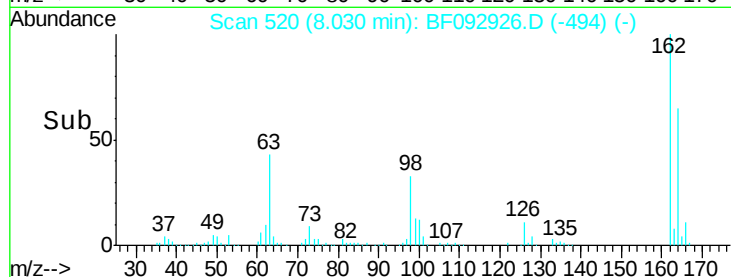
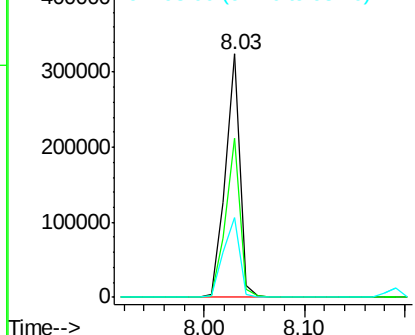
#29
 2,4-Dichlorophenol
 Concen: 40.68 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	46.8	86.8
98	32.8	9.1	49.1

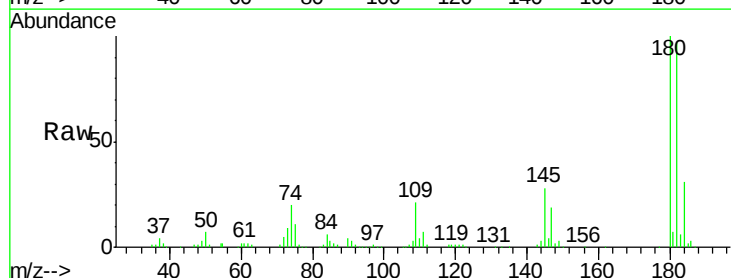


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

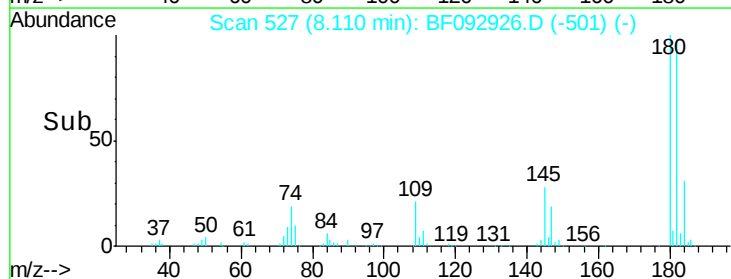
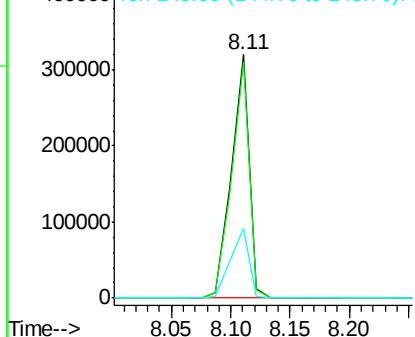


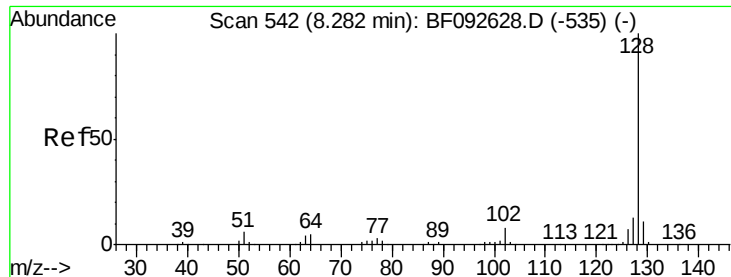
#30
 1,2,4-Trichlorobenzene
 Concen: 38.12 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	78.2	117.4
145	28.5	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

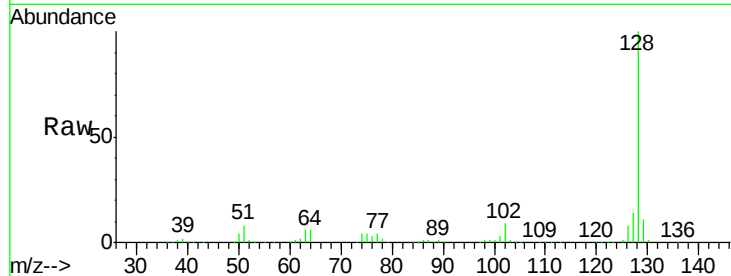




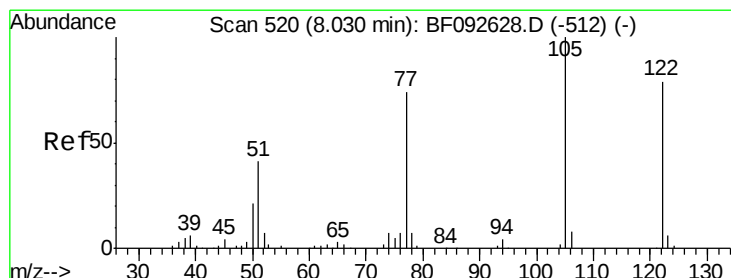
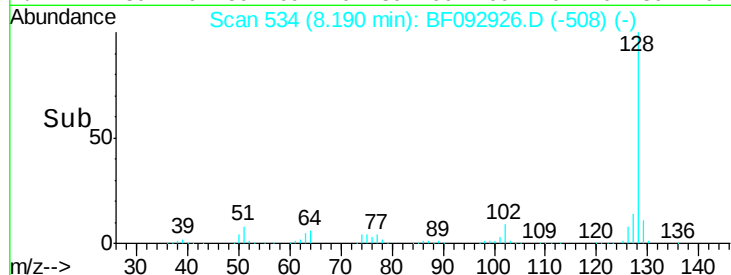
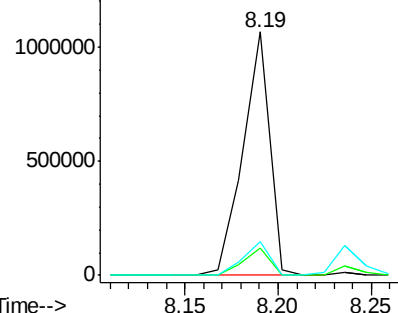
#31
Naphthalene
Concen: 37.12 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Instrument :
BNA_F
ClientSampled :
PB96899BS

Tgt Ion:128 Resp: 1055836
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.7 10.8 16.2

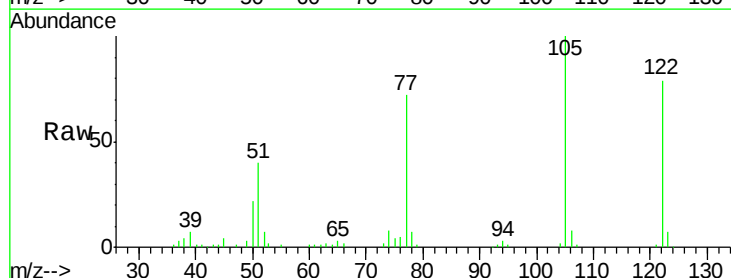


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

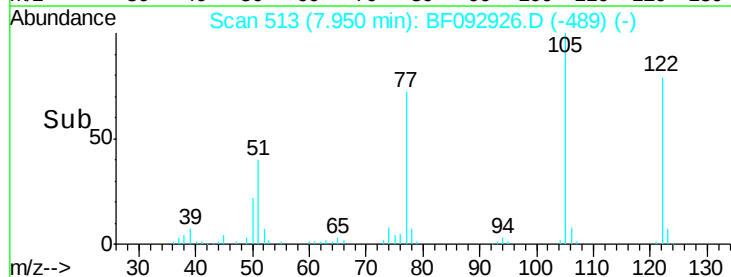
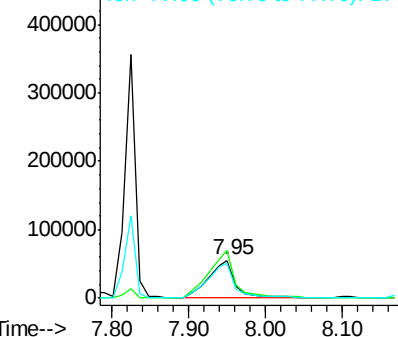


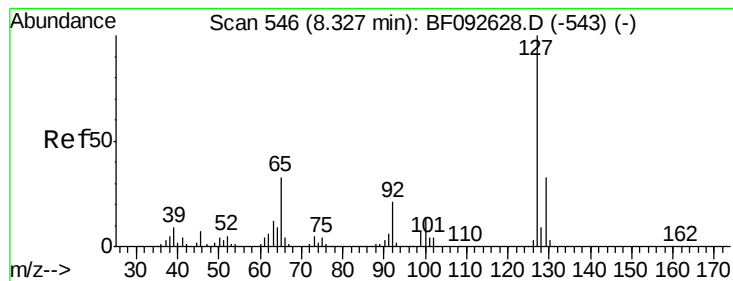
#32
Benzoic acid
Concen: 30.31 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Tgt Ion:122 Resp: 133152
Ion Ratio Lower Upper
122 100
105 126.3 107.2 147.2
77 91.5 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: 12.89 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

Tgt Ion:127 Resp: 143801

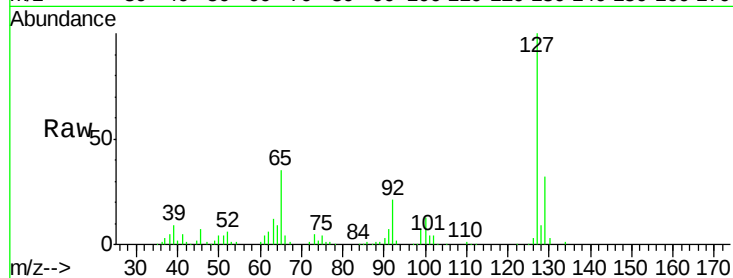
Ion Ratio Lower Upper

127 100

129 31.9 26.3 39.5

65 34.9 25.8 38.8

92 20.6 16.1 24.1

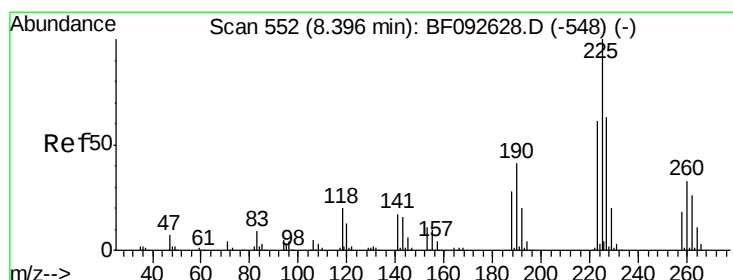
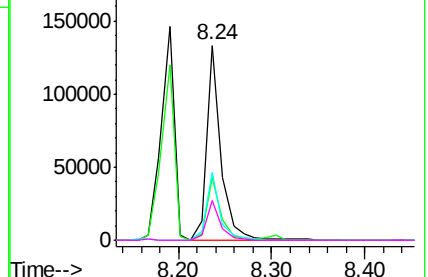
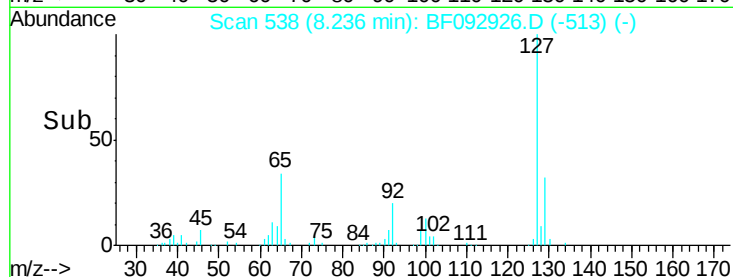


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 35.98 ng

RT: 8.30 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

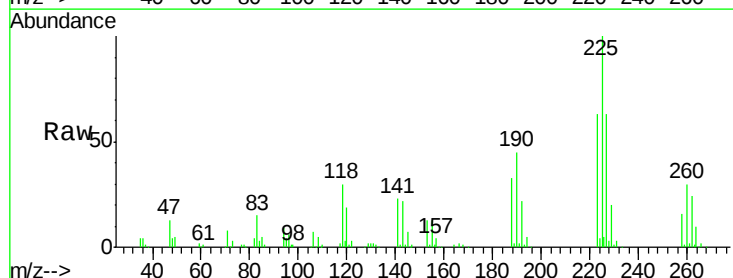
Tgt Ion:225 Resp: 171850

Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.6

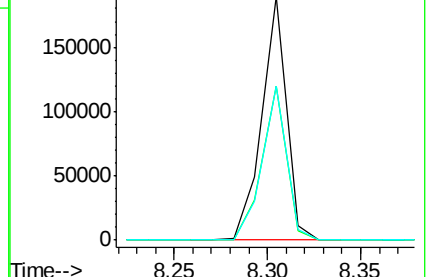
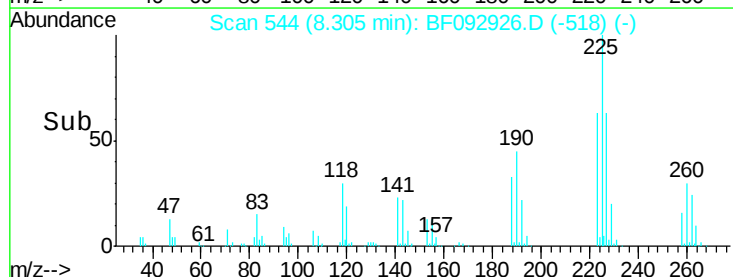
227 63.0 50.6 76.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.45 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

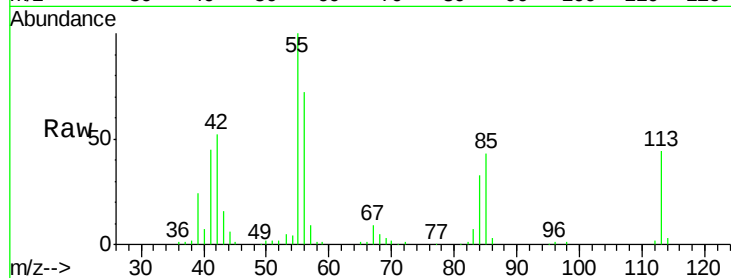
Tgt Ion:113 Resp: 97410

Ion Ratio Lower Upper

113 100

55 226.2 119.2 159.2#

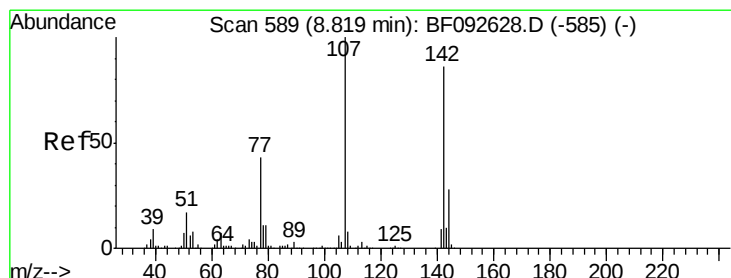
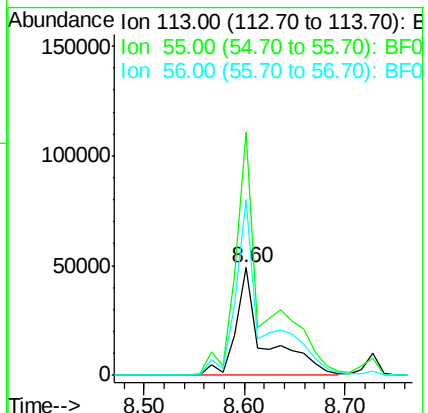
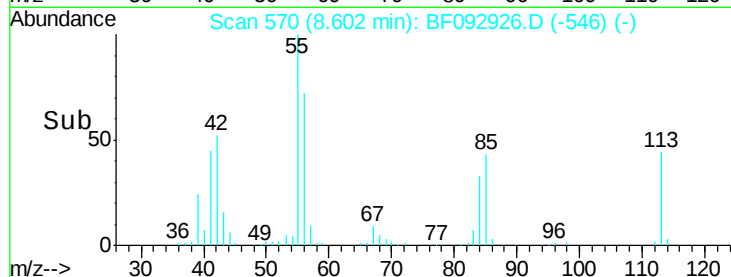
56 163.3 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.84 ng

RT: 8.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

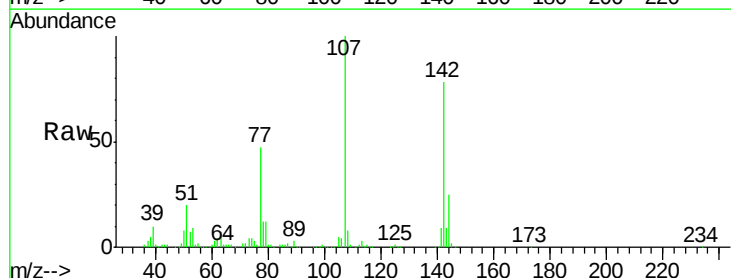
Tgt Ion:107 Resp: 342996

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

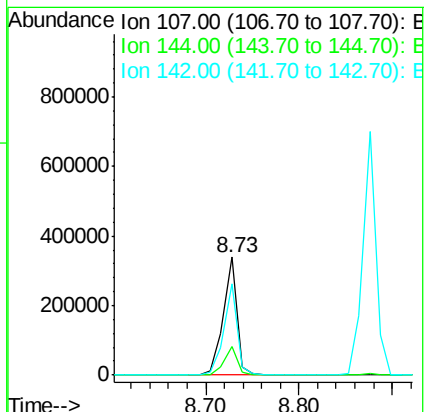
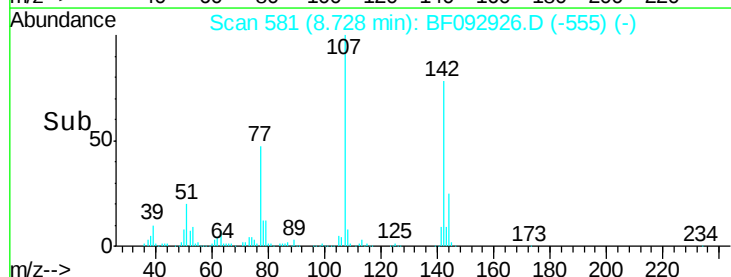
142 77.9 59.0 88.6

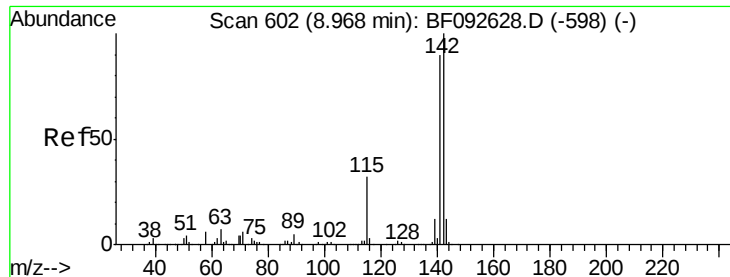


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

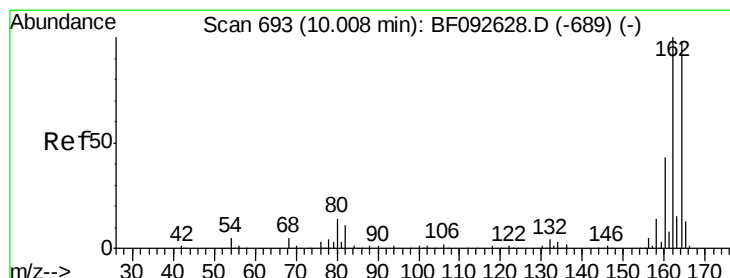
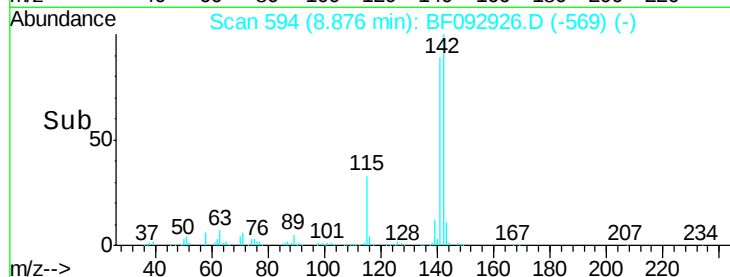
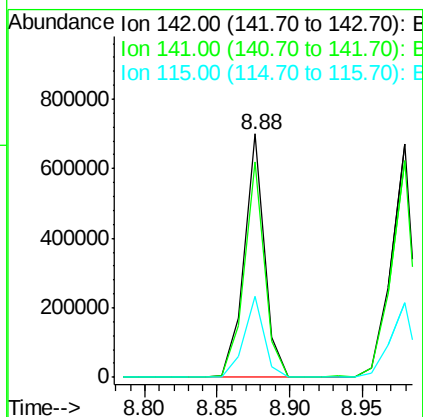
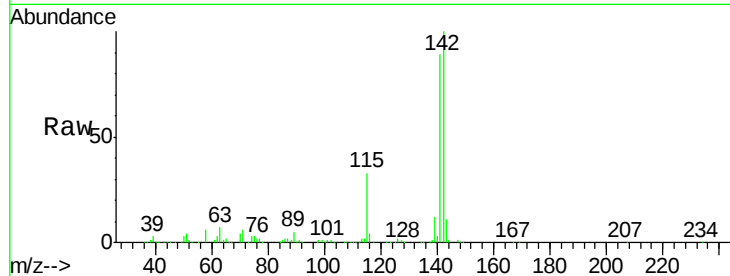




#37
 2-Methylnaphthalene
 Concen: 37.36 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

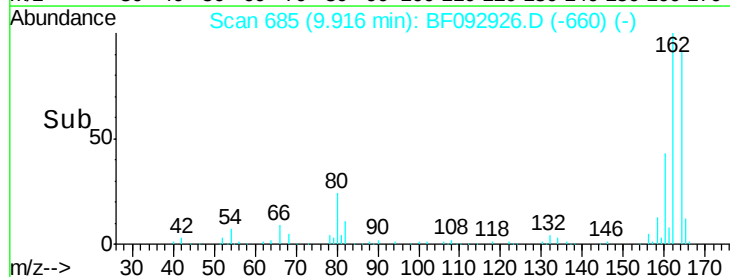
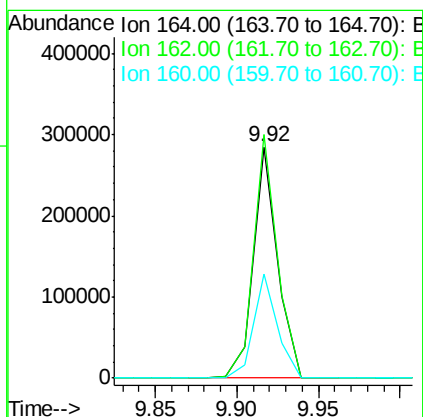
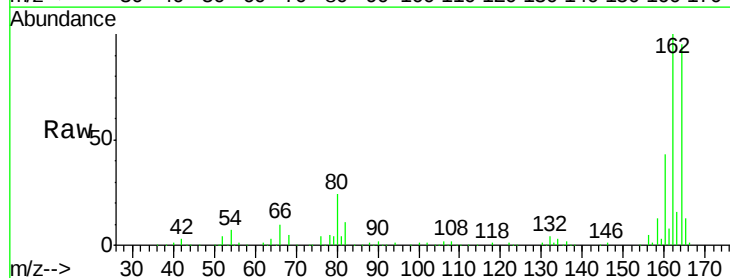
Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

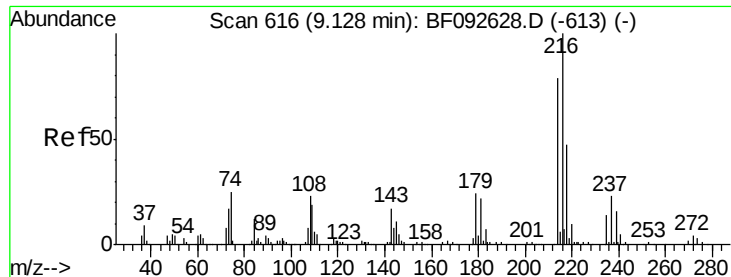
Tgt Ion:142 Resp: 682276
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.0 106.6
 115 33.1 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Tgt Ion:164 Resp: 292387
 Ion Ratio Lower Upper
 164 100
 162 105.3 80.2 120.2
 160 44.8 36.9 55.3

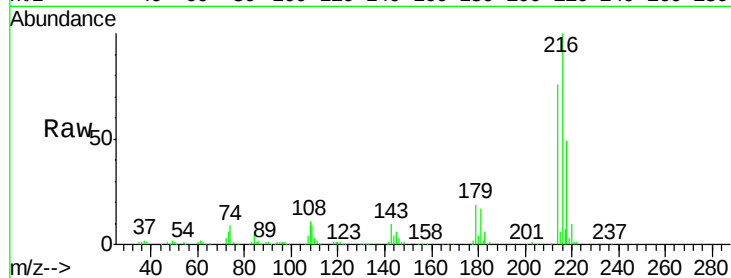




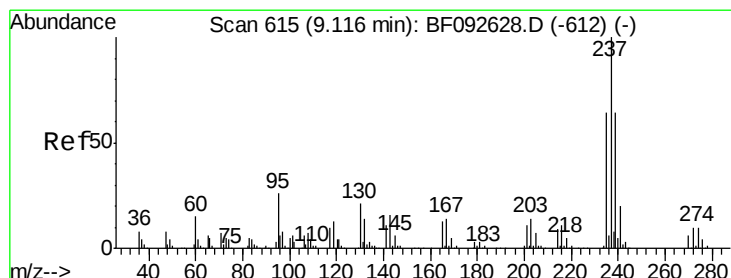
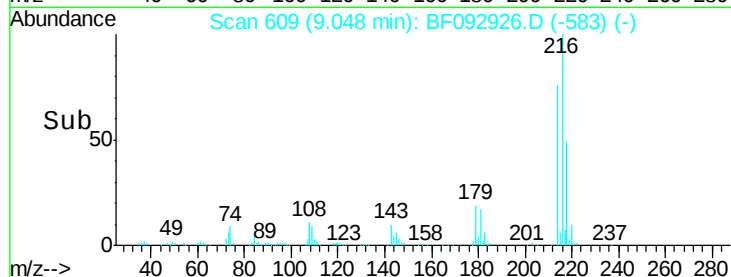
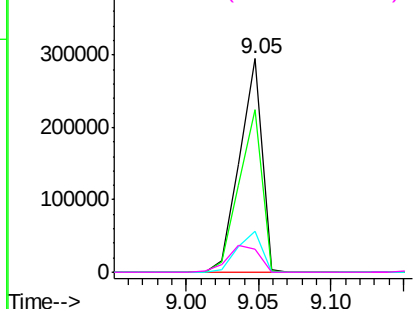
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.67 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

Tgt Ion:	216	Resp:	317359
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.0
179	20.8	17.4	26.2
108	17.3	15.6	23.4

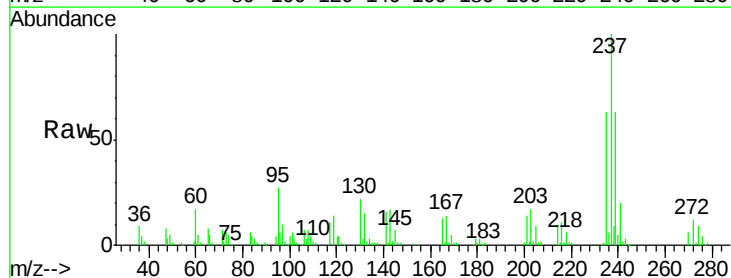


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

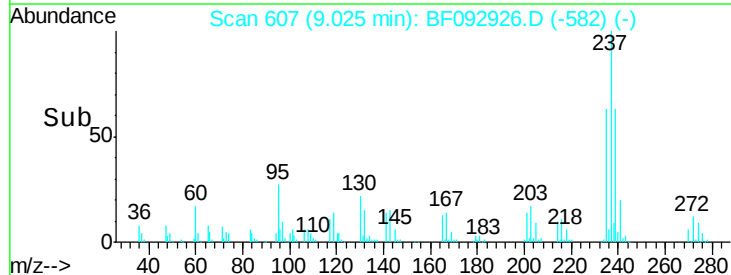
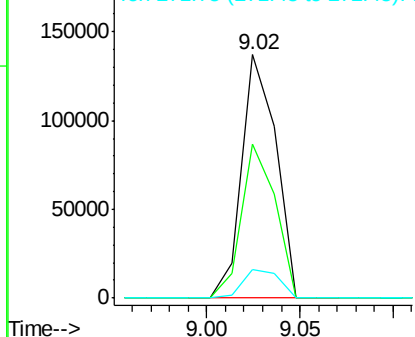


#40
 Hexachlorocyclopentadiene
 Concen: 47.06 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Tgt Ion:	237	Resp:	174263
Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.2	81.2
272	11.7	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

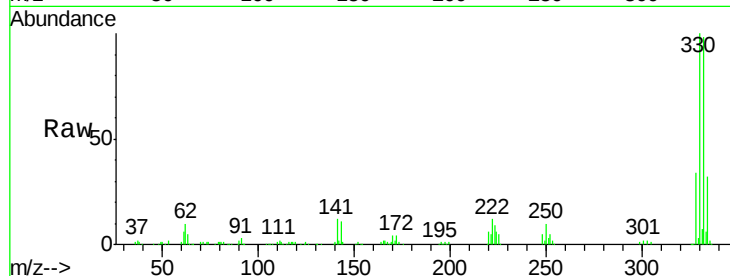




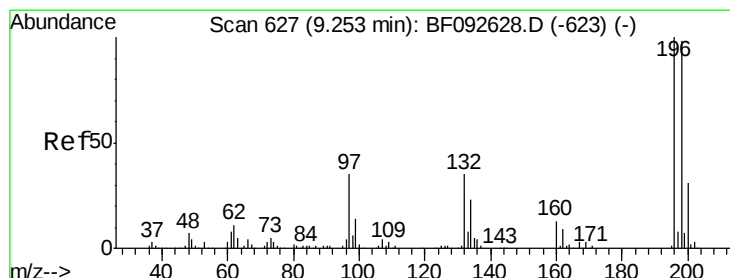
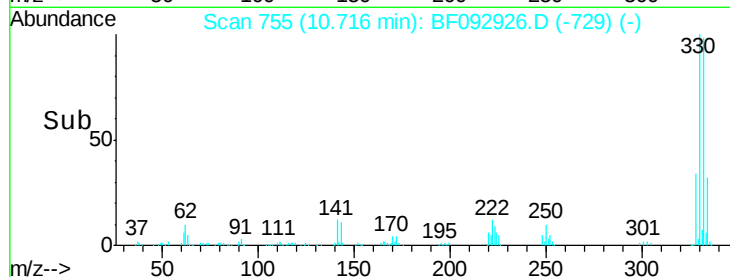
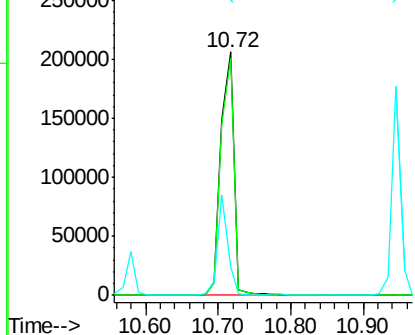
#41
 2,4,6-Tribromophenol
 Concen: 123.40 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

Tgt Ion:330 Resp: 260960
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 32.7 34.1 51.1#

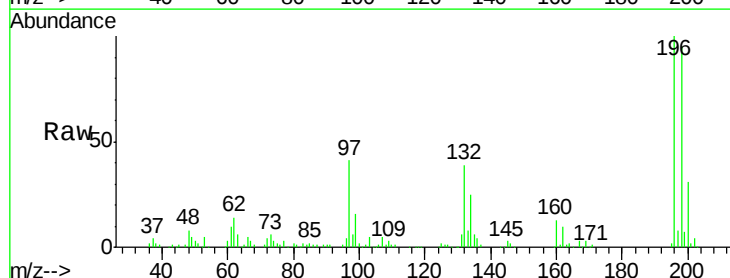


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

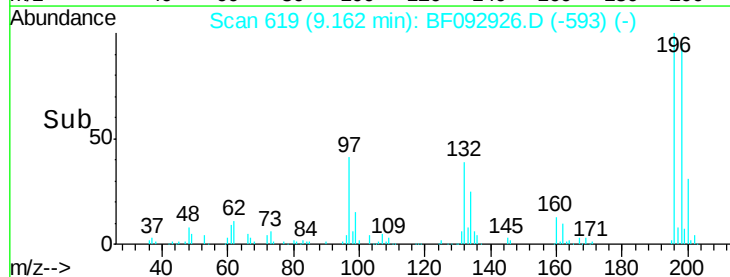
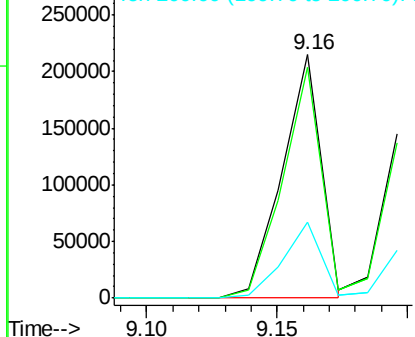


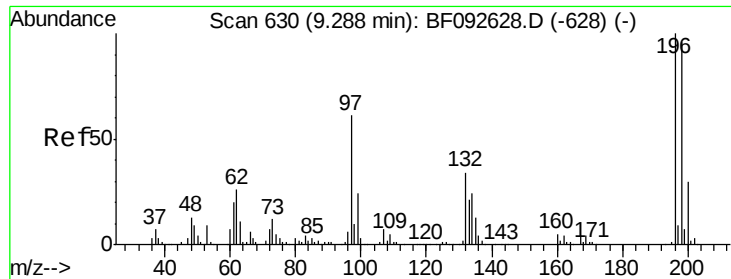
#42
 2,4,6-Trichlorophenol
 Concen: 41.38 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Tgt Ion:196 Resp: 223150
 Ion Ratio Lower Upper
 196 100
 198 94.9 82.1 123.1
 200 31.1 27.0 40.4



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

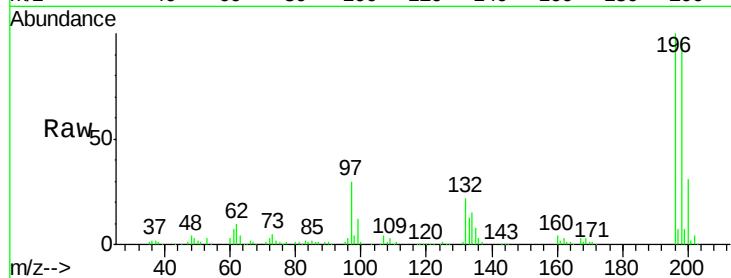




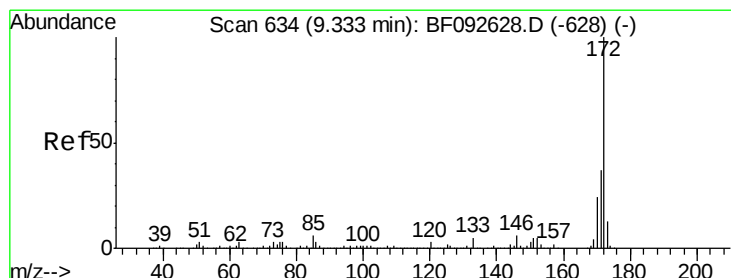
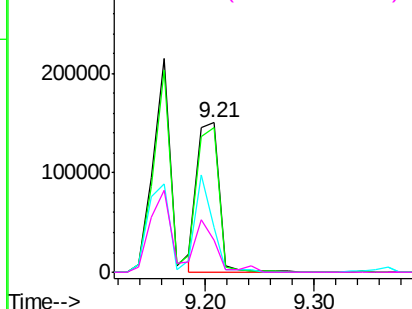
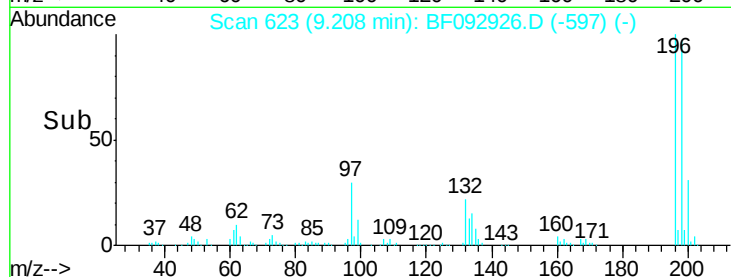
#43
 2,4,5-Trichlorophenol
 Concen: 36.01 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

Tgt Ion:196 Resp: 212803
 Ion Ratio Lower Upper
 196 100
 198 96.7 79.4 119.2
 97 30.3 51.5 77.3#
 132 21.8 27.4 41.2#

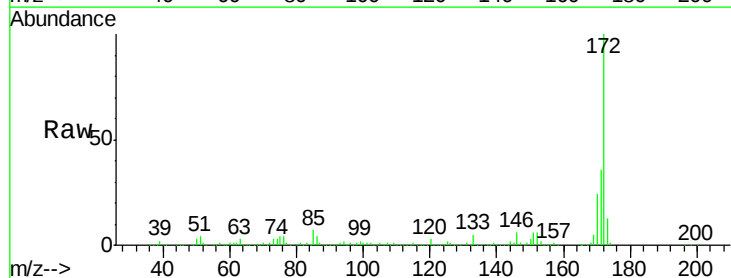


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

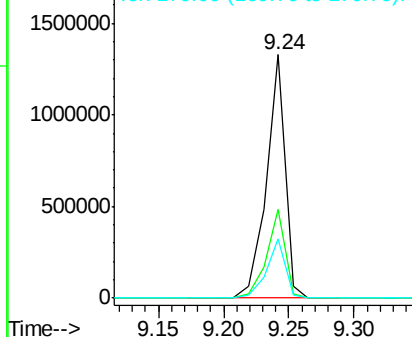
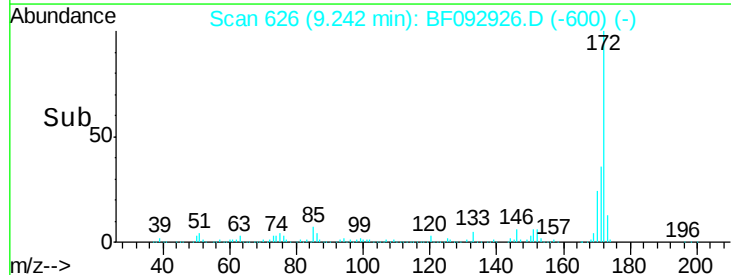


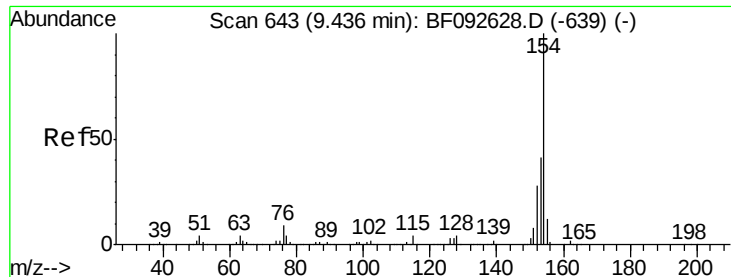
#44
 2-Fluorobiphenyl
 Concen: 83.01 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Tgt Ion:172 Resp: 1339753
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 40.59 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

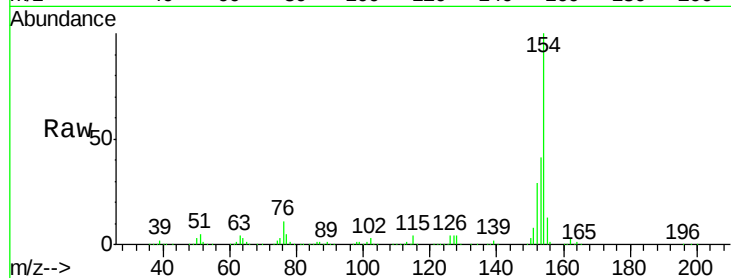
Tgt Ion:154 Resp: 859356

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

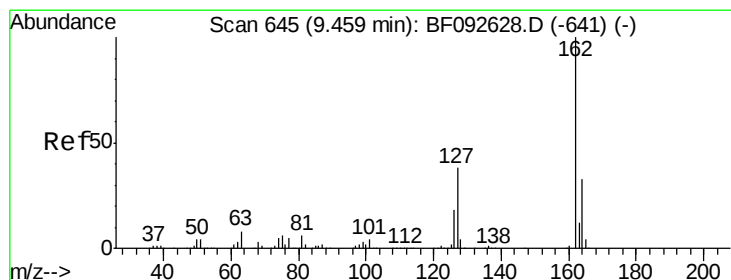
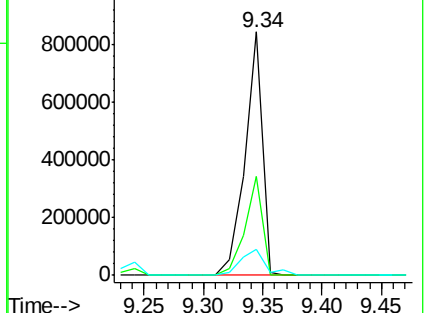
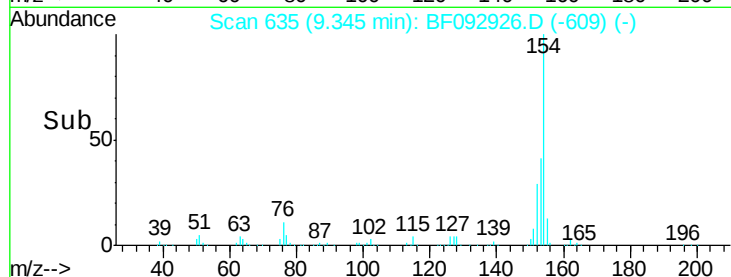
76 10.8 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.88 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

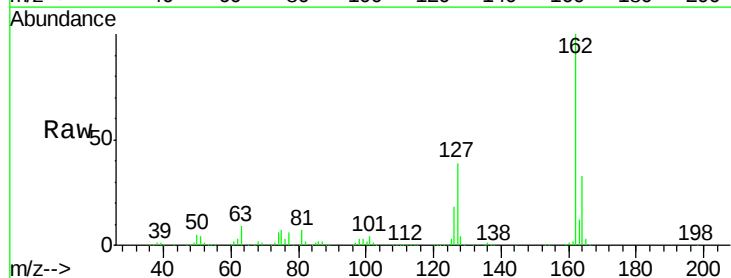
Tgt Ion:162 Resp: 677080

Ion Ratio Lower Upper

162 100

127 38.6 30.7 46.1

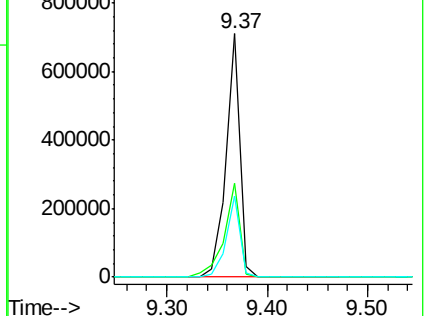
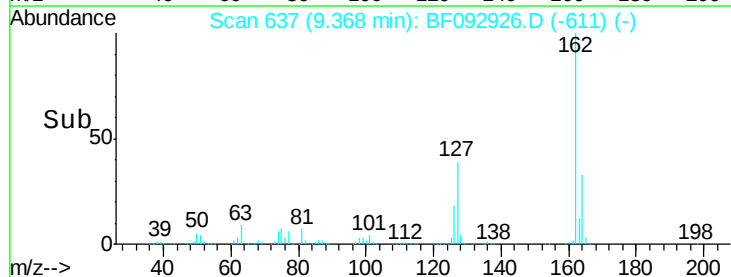
164 33.1 27.6 41.4



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

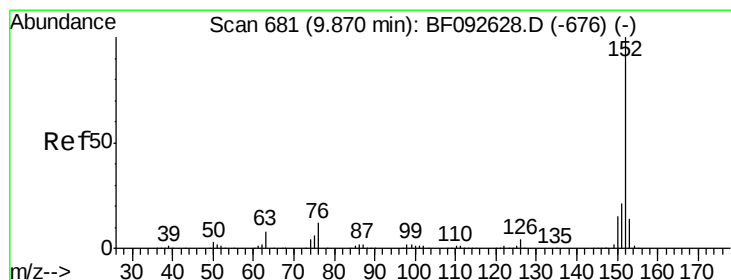
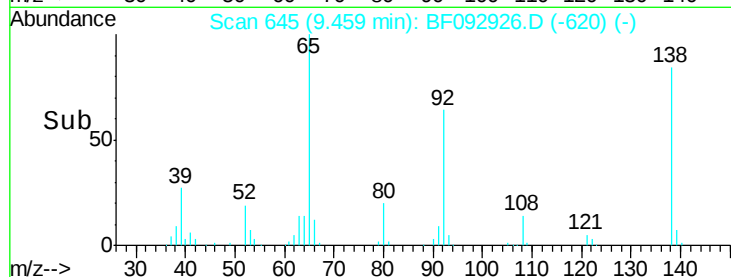
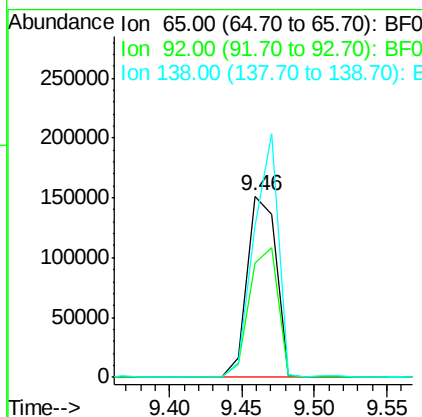
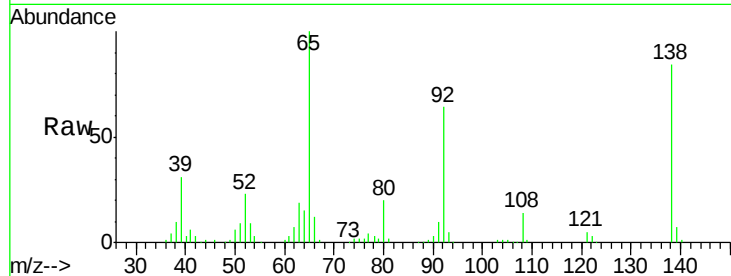




#47
2-Nitroaniline
Concen: 37.90 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

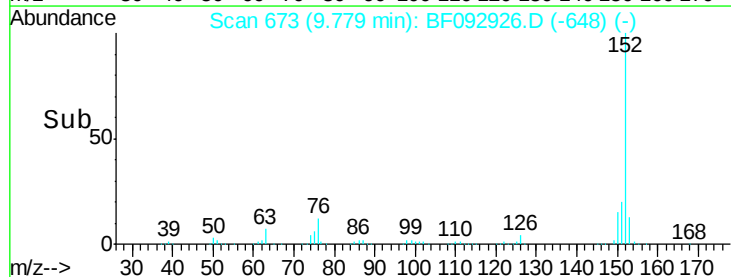
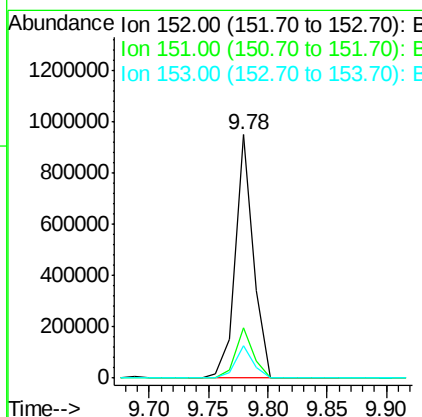
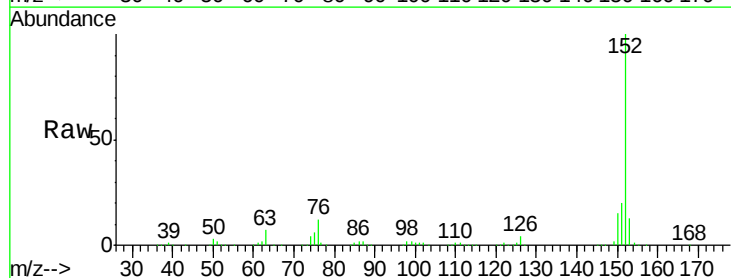
Instrument :
BNA_F
ClientSampleId :
PB96899BS

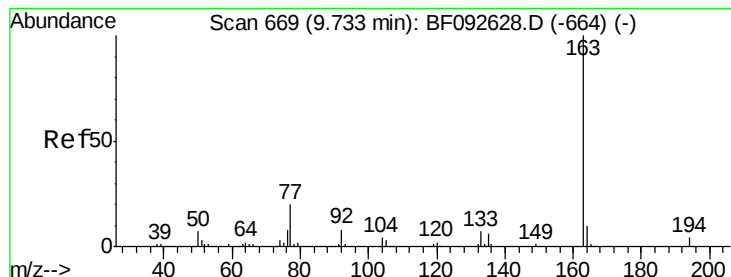
Tgt Ion: 65 Resp: 211058
Ion Ratio Lower Upper
65 100
92 63.5 53.9 80.9
138 83.9 76.8 115.2



#48
Acenaphthylene
Concen: 35.09 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Tgt Ion: 152 Resp: 1004067
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 13.4 11.4 17.2





#49

Dimethylphthalate

Concen: 36.86 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

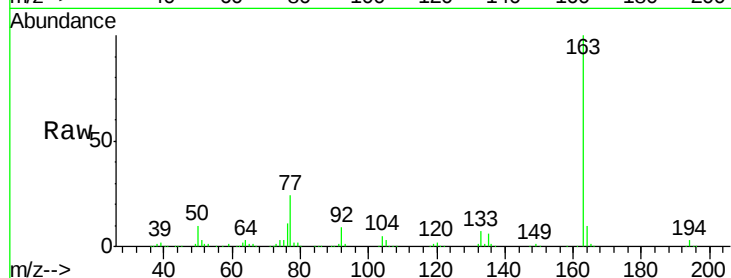
Tgt Ion:163 Resp: 725897

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

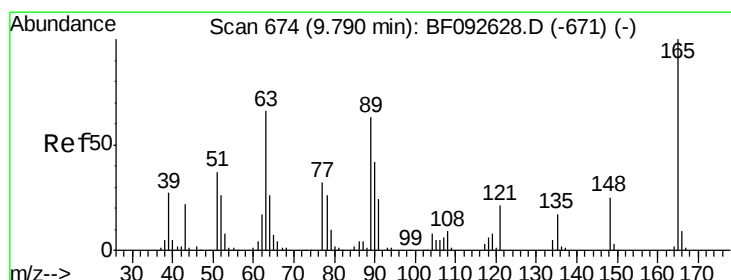
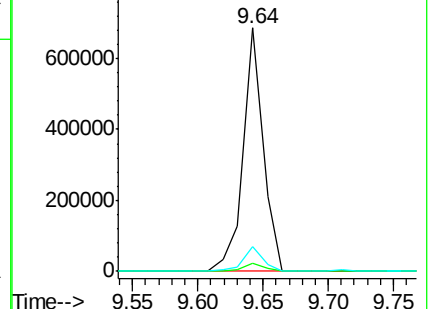
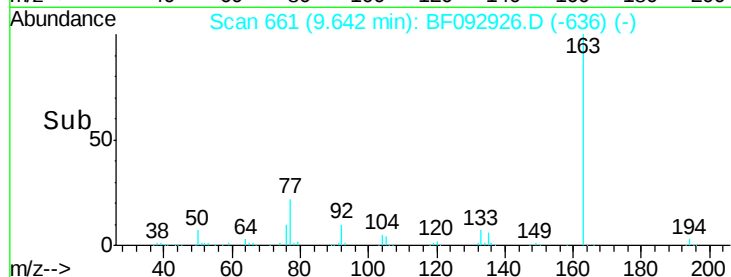
164 10.3 8.0 12.0



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: 44.52 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

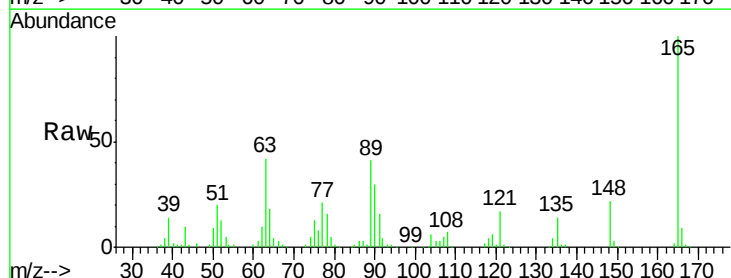
Tgt Ion:165 Resp: 189345

Ion Ratio Lower Upper

165 100

63 41.8 36.2 54.4

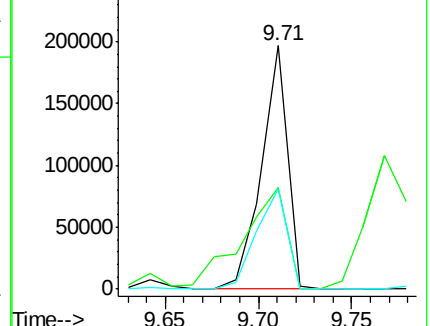
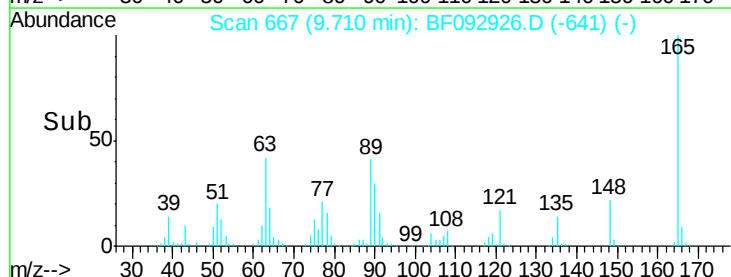
89 41.3 40.2 60.4



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: 39.05 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

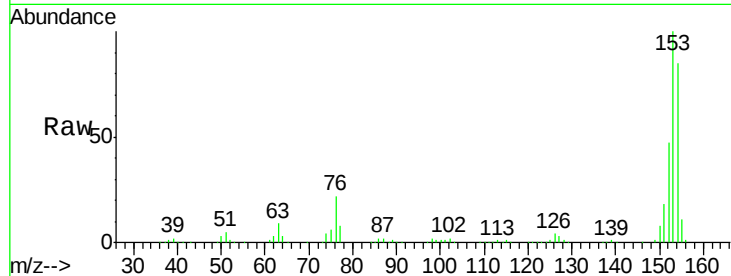
Tgt Ion:154 Resp: 668049

Ion Ratio Lower Upper

154 100

153 117.0 88.6 133.0

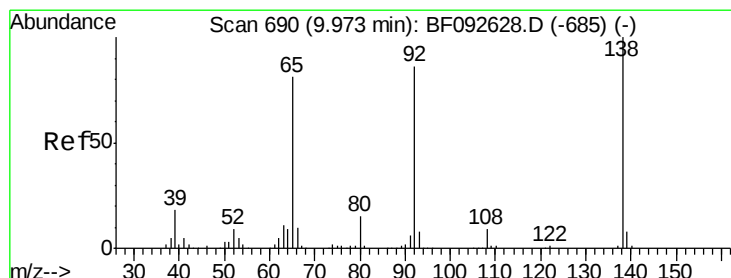
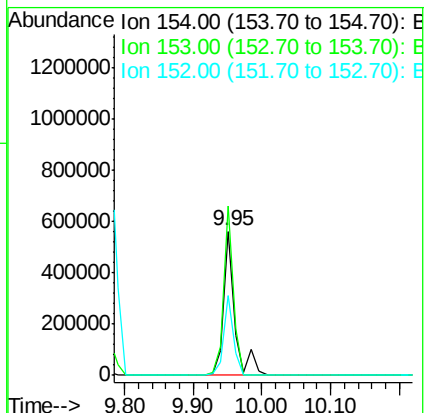
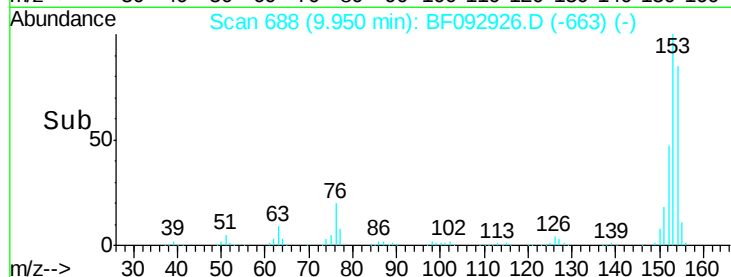
152 55.3 41.6 62.4



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: 20.60 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

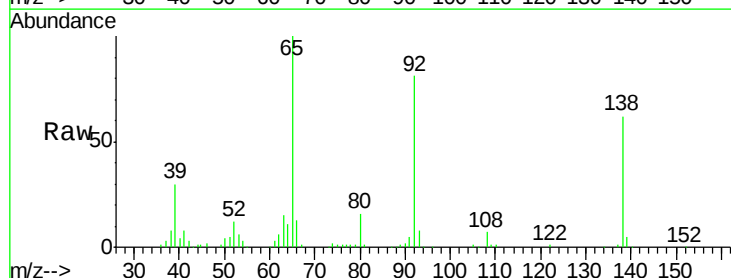
Tgt Ion:138 Resp: 100264

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

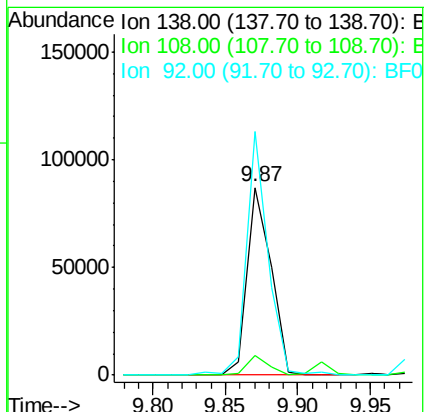
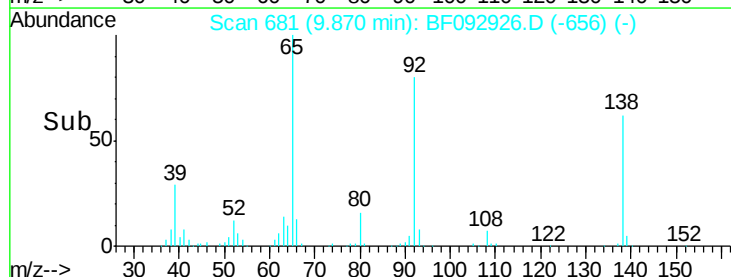
92 129.8 97.8 146.8

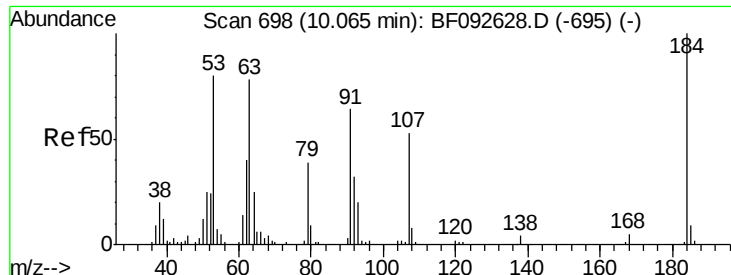


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

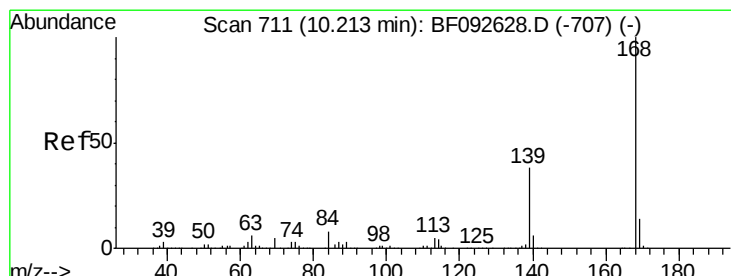
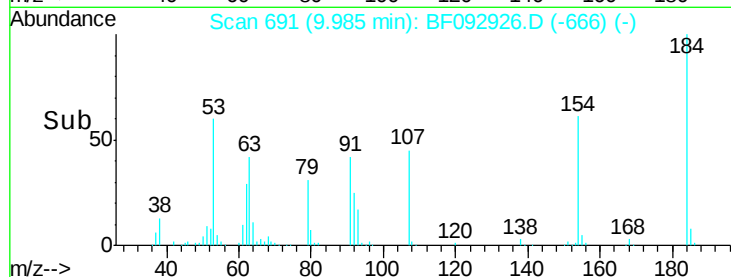
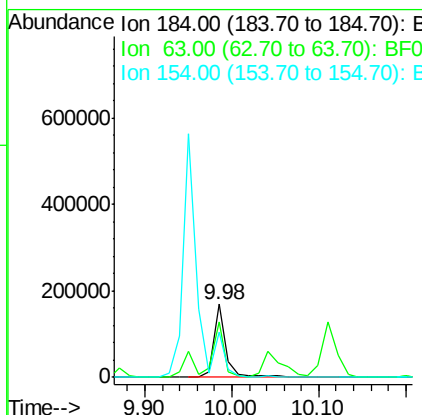
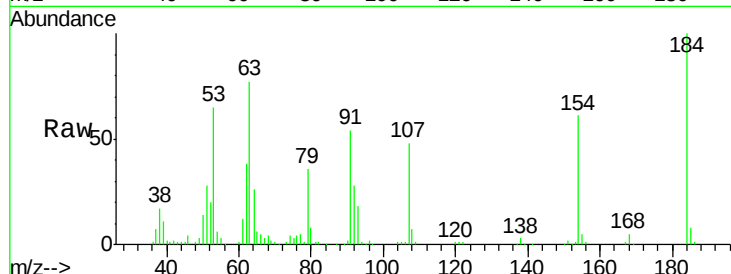




#53
 2,4-Dinitrophenol
 Concen: 77.54 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

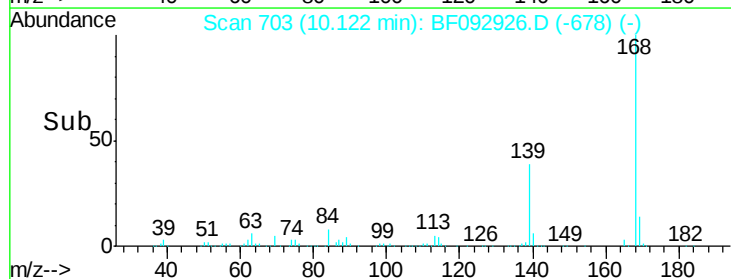
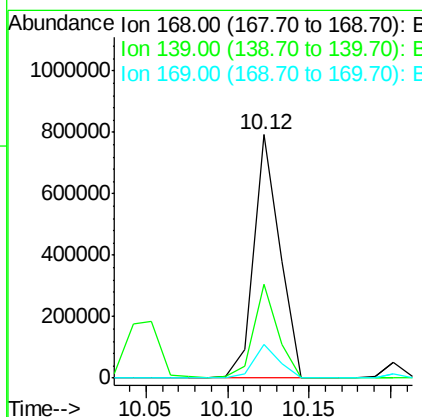
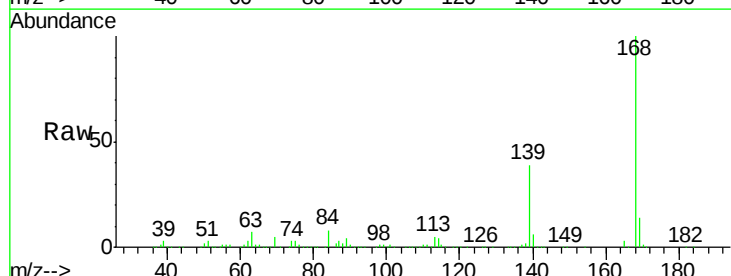
Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

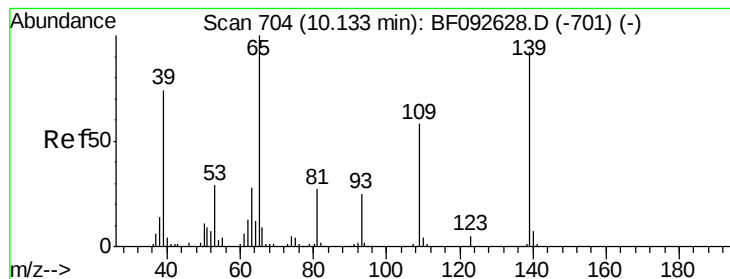
Tgt Ion:184 Resp: 167433
 Ion Ratio Lower Upper
 184 100
 63 76.8 28.4 42.6#
 154 61.3 44.3 66.5



#54
 Dibenzofuran
 Concen: 38.22 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Tgt Ion:168 Resp: 874457
 Ion Ratio Lower Upper
 168 100
 139 38.7 32.6 49.0
 169 14.0 11.3 16.9





#55

4-Nitrophenol

Concen: 76.93 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

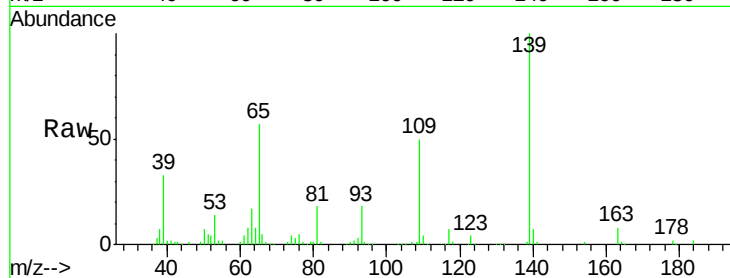
Tgt Ion:139 Resp: 269680

Ion Ratio Lower Upper

139 100

109 49.7 52.2 92.2#

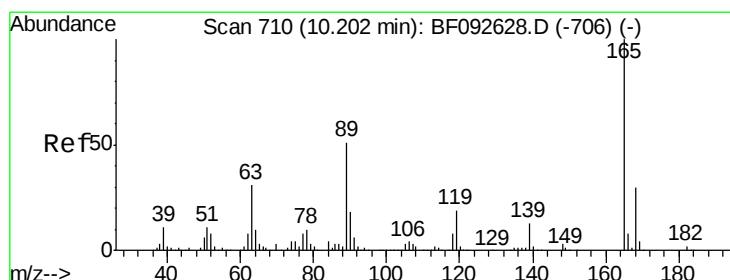
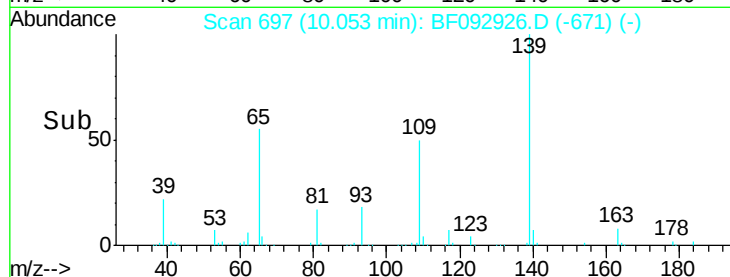
65 56.7 85.8 125.8#



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: 38.36 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Tgt Ion:165 Resp: 217223

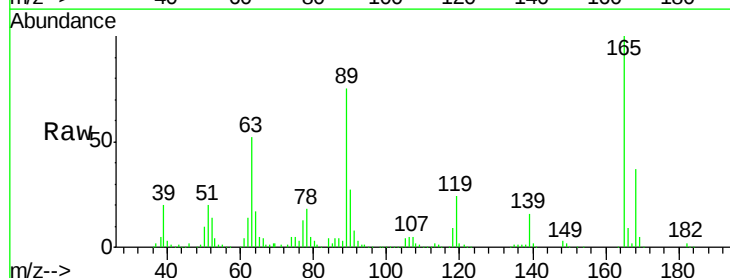
Ion Ratio Lower Upper

165 100

63 51.7 40.2 60.4

89 75.0 62.5 93.7

182 2.2 1.8 2.8

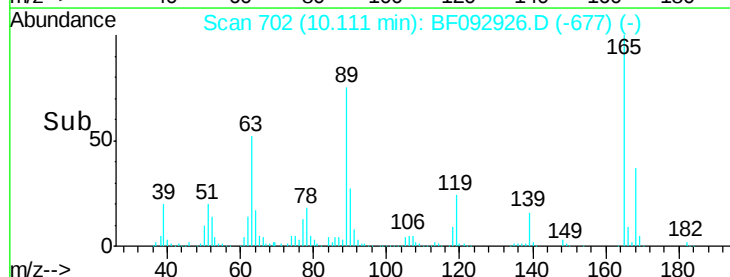


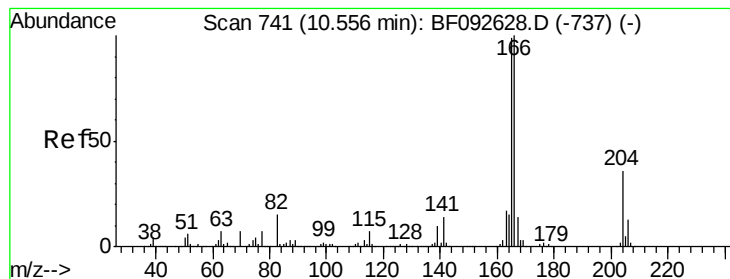
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.86 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

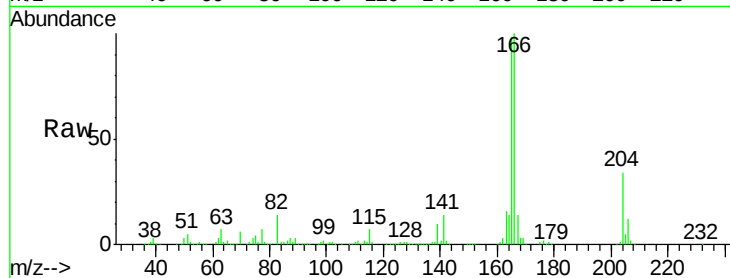
Tgt Ion:166 Resp: 648851

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

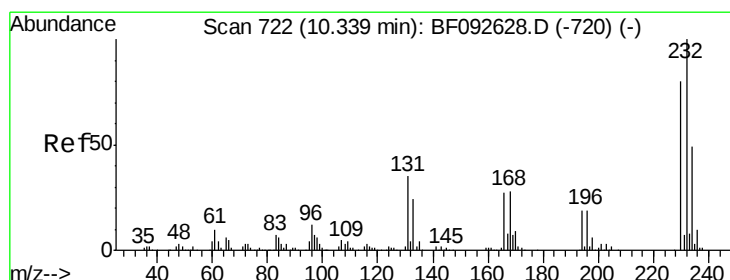
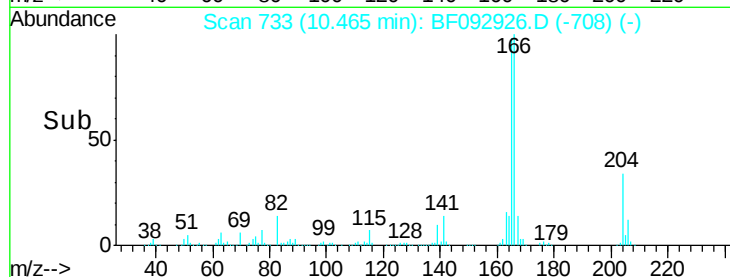
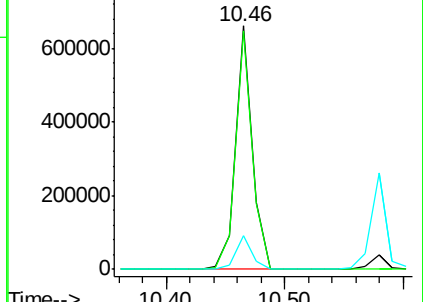
167 13.6 10.8 16.2



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: 44.94 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Tgt Ion:232 Resp: 177158

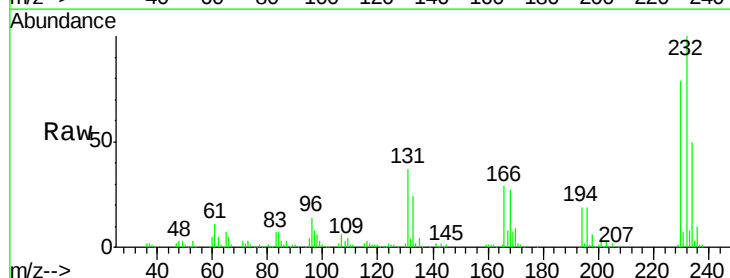
Ion Ratio Lower Upper

232 100

131 45.4 40.1 60.1

130 2.3 1.8 2.8

166 31.6 26.6 39.8

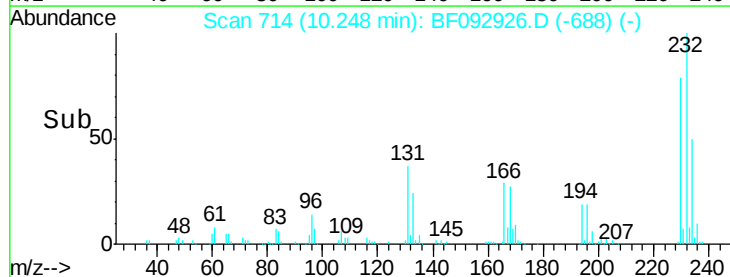
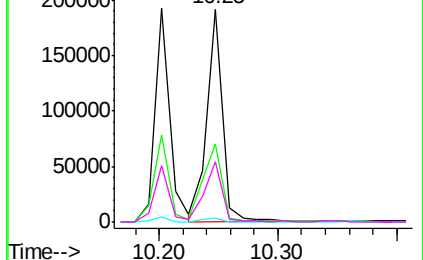


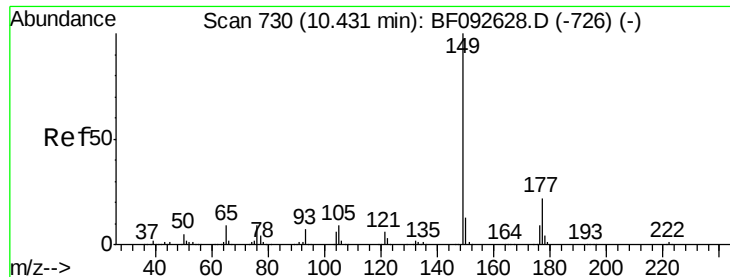
Abundance Ion 232.00 (231.70 to 232.70): E

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

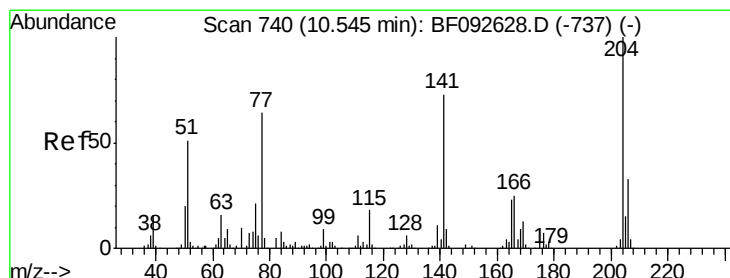
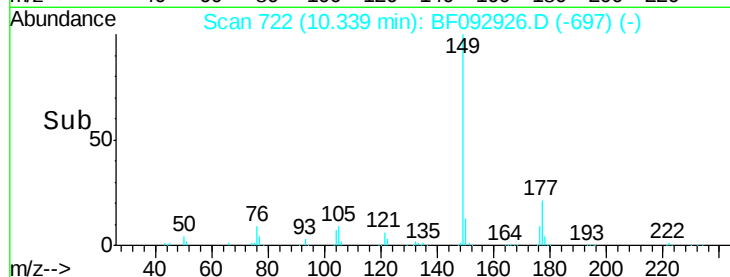
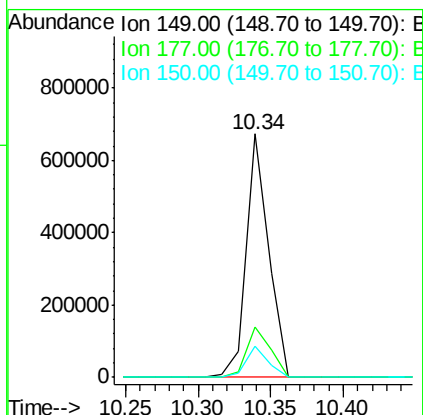
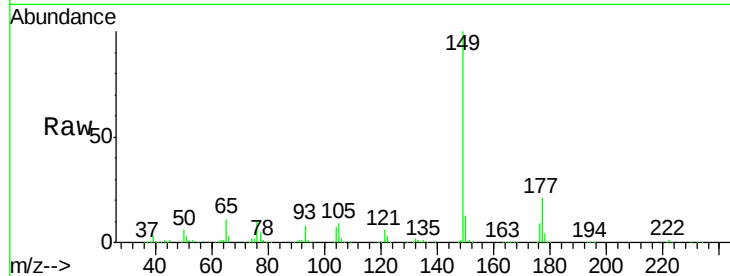




#59
Diethylphthalate
Concen: 38.59 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

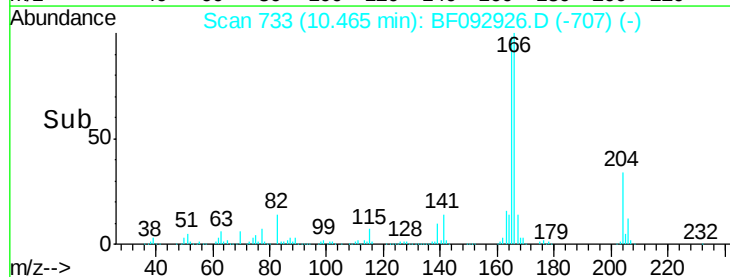
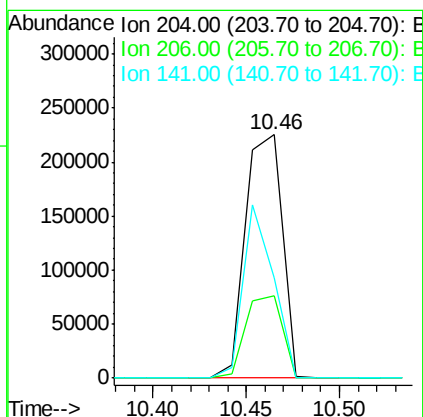
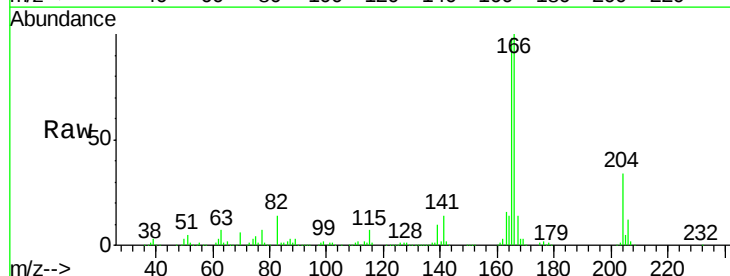
Instrument :
BNA_F
ClientSampleId :
PB96899BS

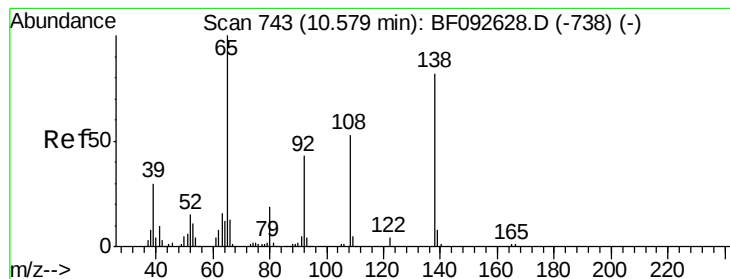
Tgt Ion:149 Resp: 716273
Ion Ratio Lower Upper
149 100
177 20.8 16.6 25.0
150 12.7 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 36.46 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Tgt Ion:204 Resp: 308322
Ion Ratio Lower Upper
204 100
206 33.8 25.8 38.6
141 41.1 59.4 89.0#





#61

4-Nitroaniline

Concen: 33.42 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

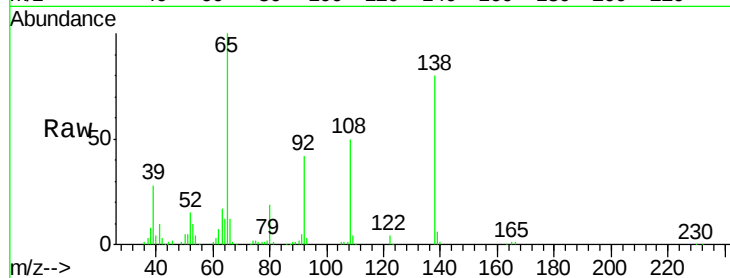
Tgt Ion:138 Resp: 166630

Ion Ratio Lower Upper

138 100

92 51.8 31.7 71.7

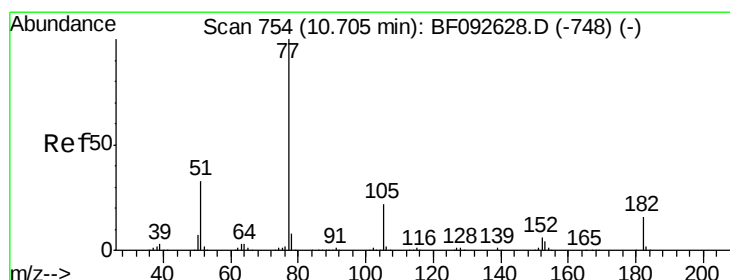
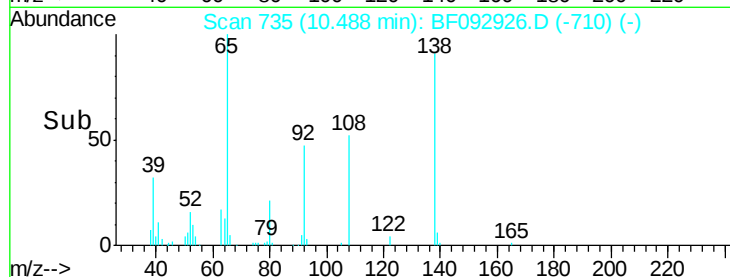
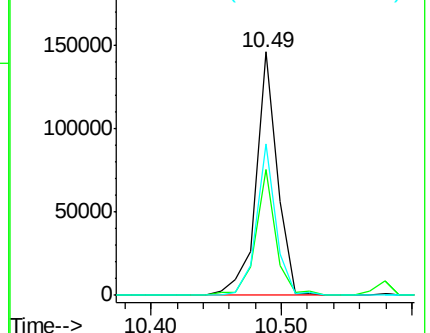
108 62.1 52.6 92.6



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: 41.66 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Tgt Ion: 77 Resp: 798838

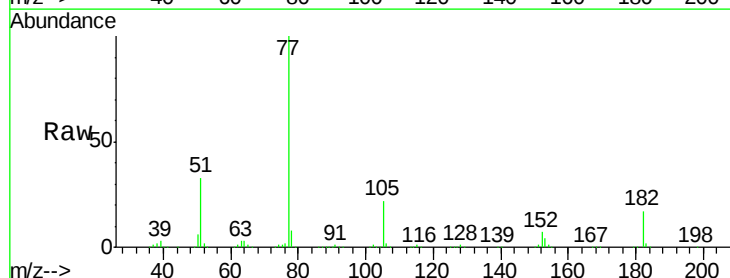
Ion Ratio Lower Upper

77 100

182 16.8 0.0 39.3

105 21.8 2.3 42.3

51 33.5 8.9 48.9

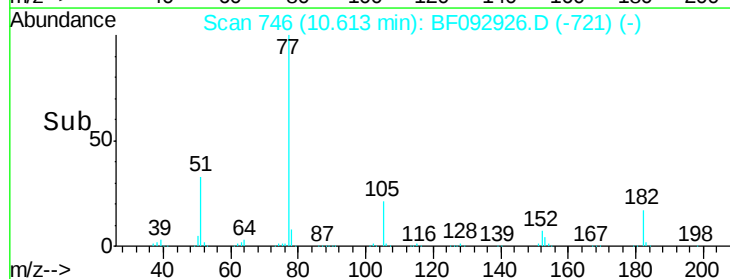
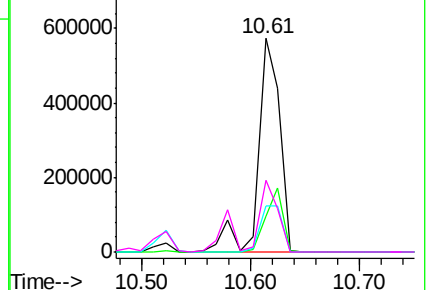


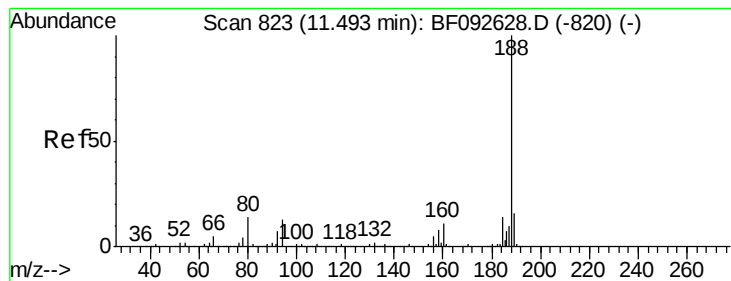
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

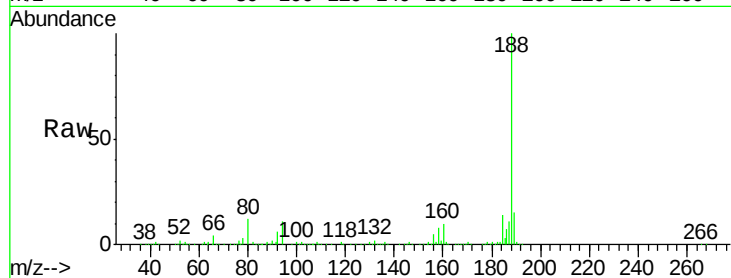
Tgt Ion:188 Resp: 496793

Ion Ratio Lower Upper

188 100

94 11.3 10.0 15.0

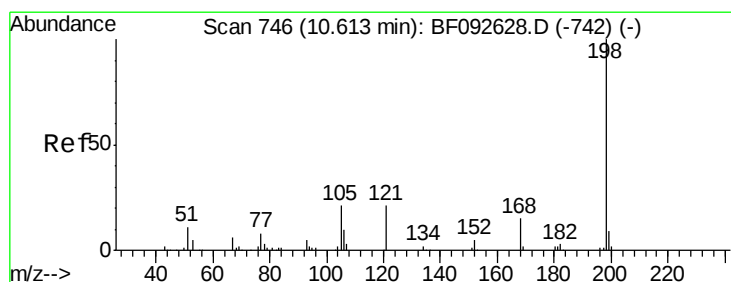
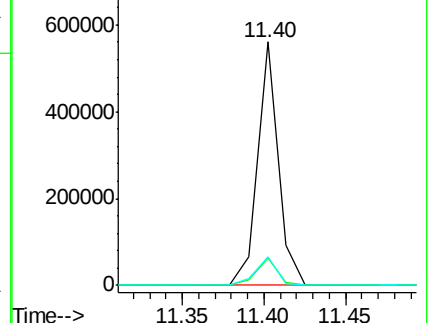
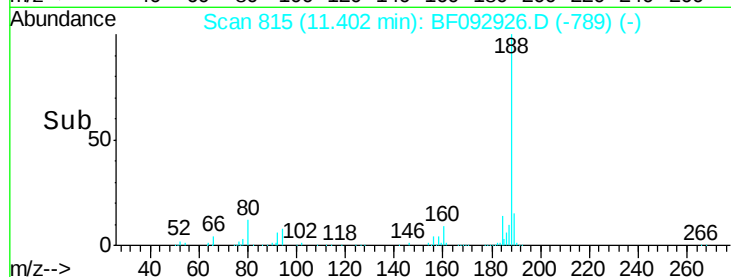
80 12.0 11.2 16.8



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: 43.85 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

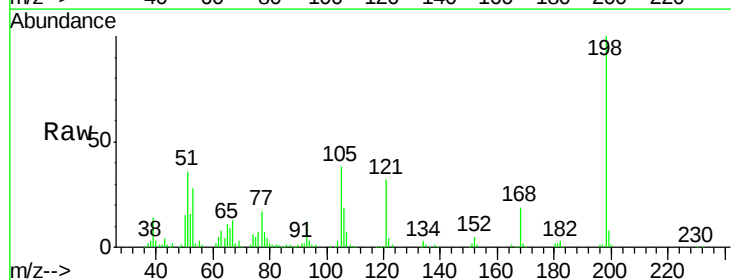
Tgt Ion:198 Resp: 131853

Ion Ratio Lower Upper

198 100

51 36.4 6.7 46.7

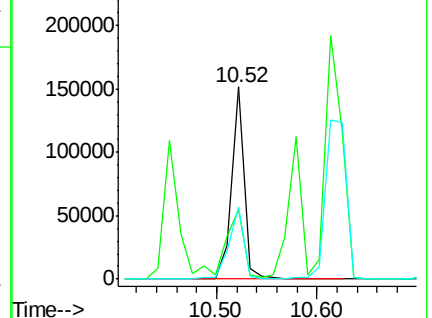
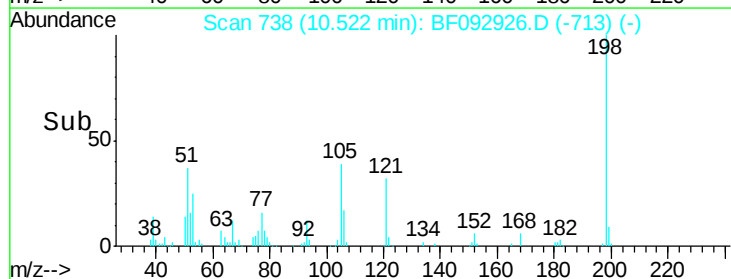
105 37.7 16.6 56.6

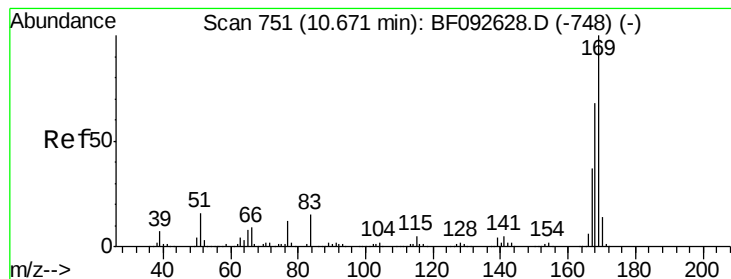


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.49 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

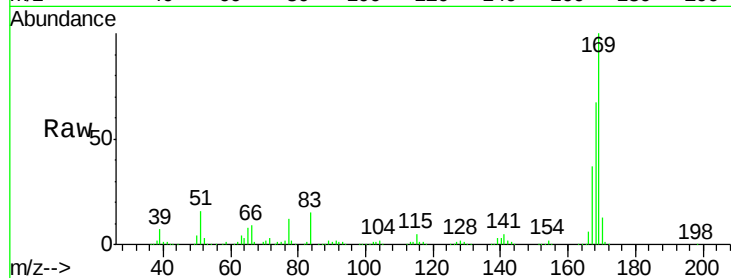
Tgt Ion:169 Resp: 610917

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

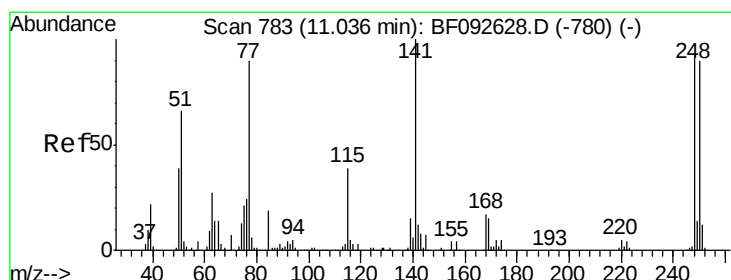
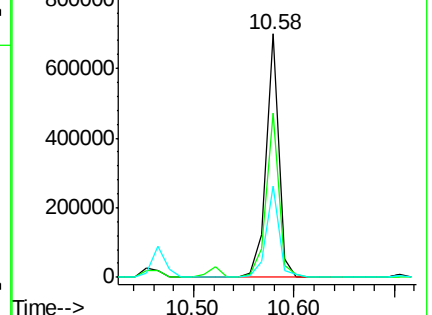
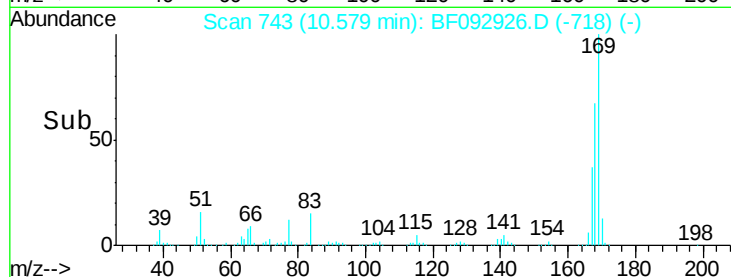
167 37.3 30.2 45.4



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: 35.05 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

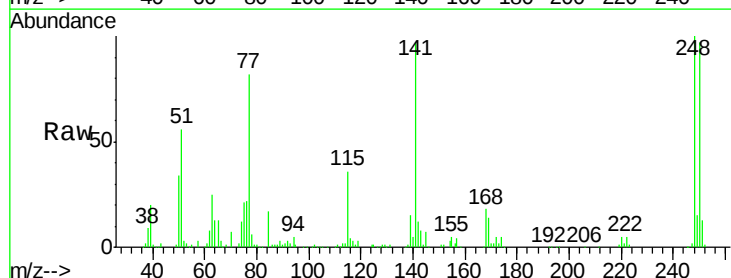
Tgt Ion:248 Resp: 181897

Ion Ratio Lower Upper

248 100

250 97.0 76.9 115.3

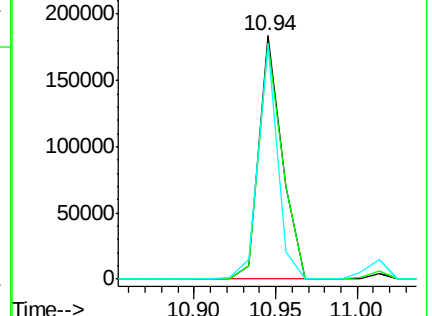
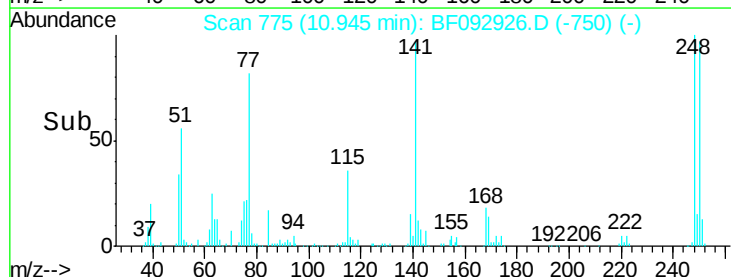
141 96.5 68.2 102.4



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

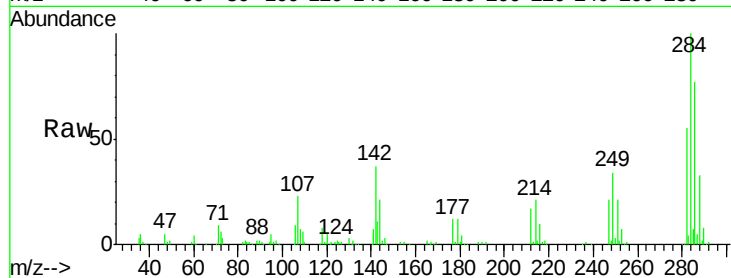




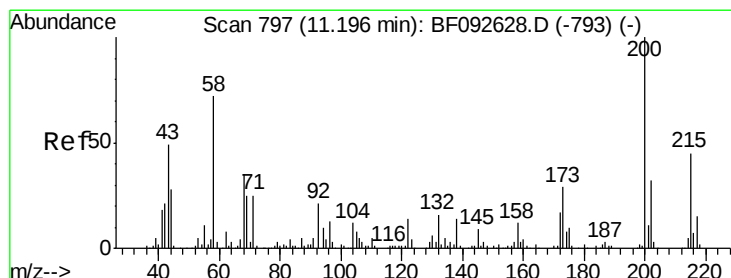
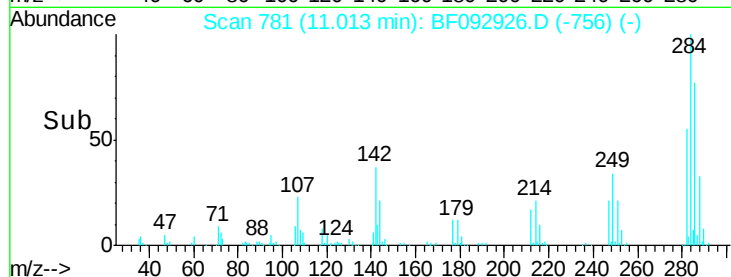
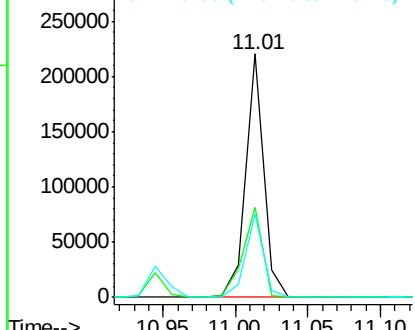
#67
Hexachlorobenzene
Concen: 37.05 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB96899BS

Tgt Ion:284 Resp: 190048
Ion Ratio Lower Upper
284 100
142 37.2 22.6 33.8#
249 34.2 25.4 38.0

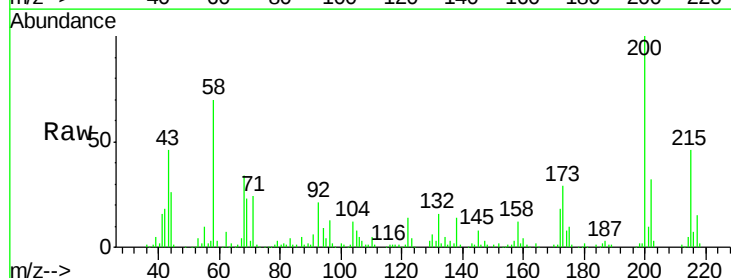


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

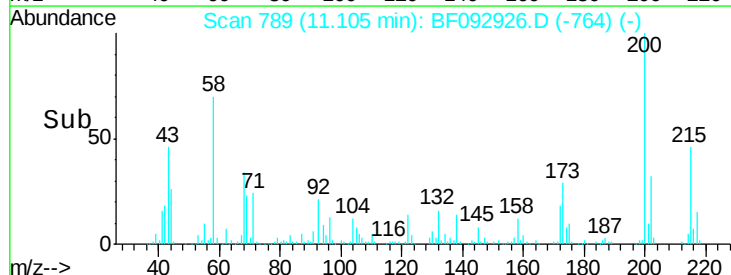
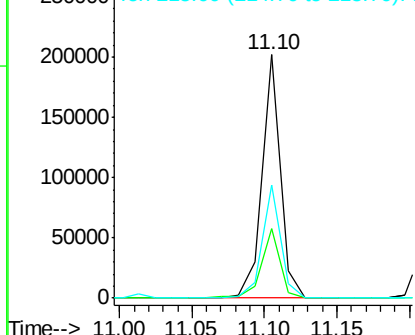


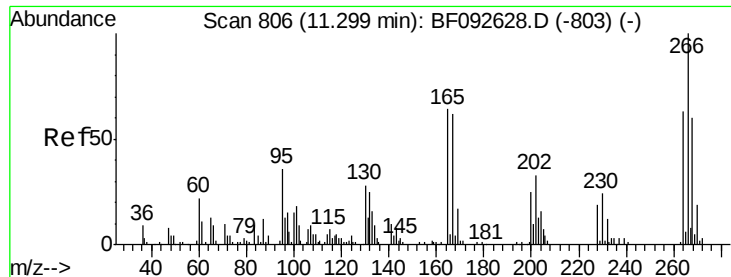
#68
Atrazine
Concen: 34.80 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Tgt Ion:200 Resp: 177219
Ion Ratio Lower Upper
200 100
173 28.5 9.6 49.6
215 46.5 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

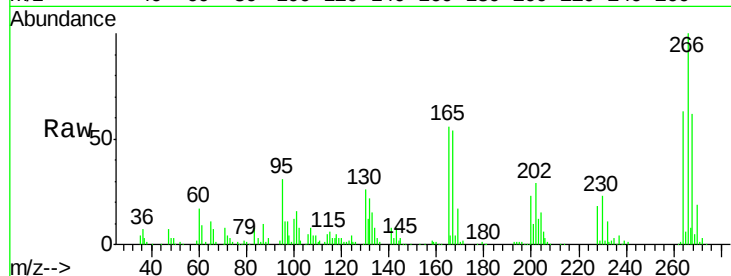




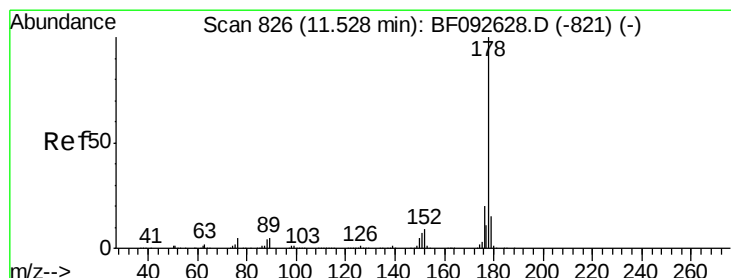
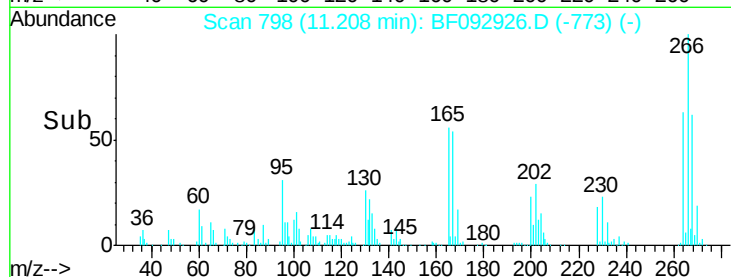
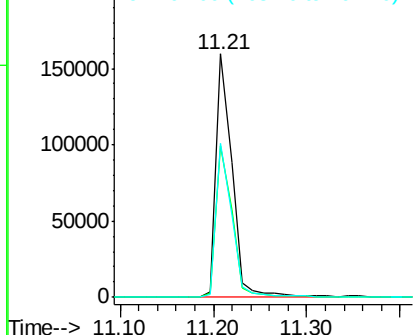
#69
 Pentachlorophenol
 Concen: 72.98 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

Tgt Ion:266 Resp: 191403
 Ion Ratio Lower Upper
 266 100
 268 62.3 53.3 79.9
 264 63.1 50.3 75.5

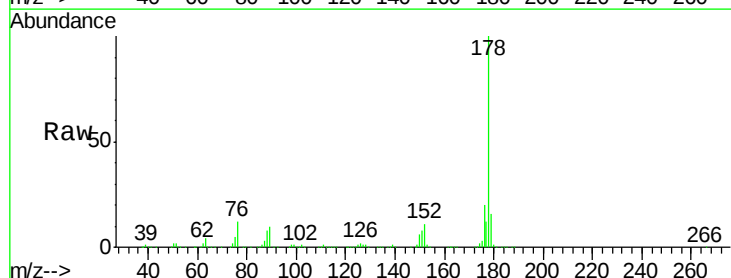


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

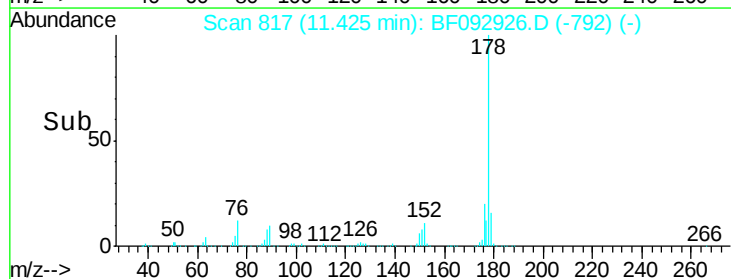
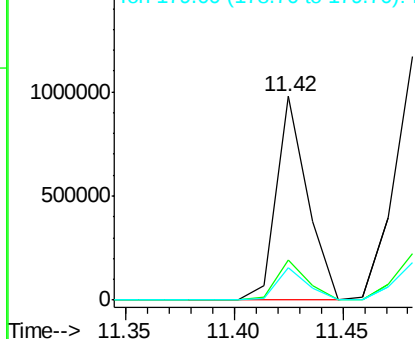


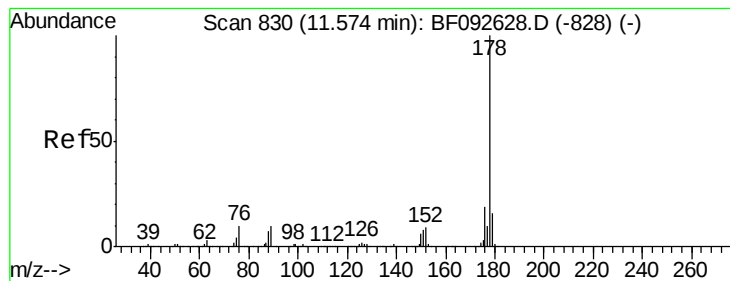
#70
 Phenanthrene
 Concen: 34.36 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Tgt Ion:178 Resp: 977972
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.6 25.0
 179 15.6 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: 38.82 ng

RT: 11.48 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

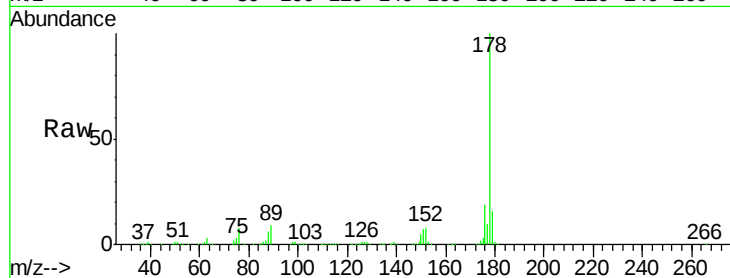
Tgt Ion:178 Resp: 1109635

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

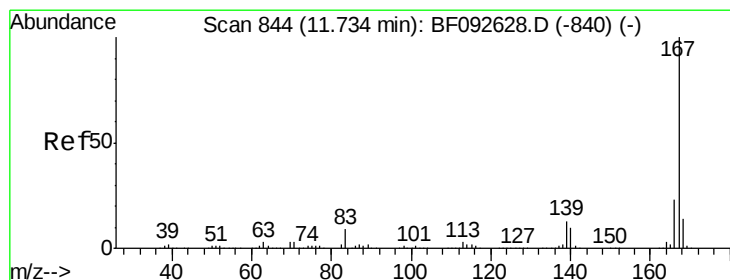
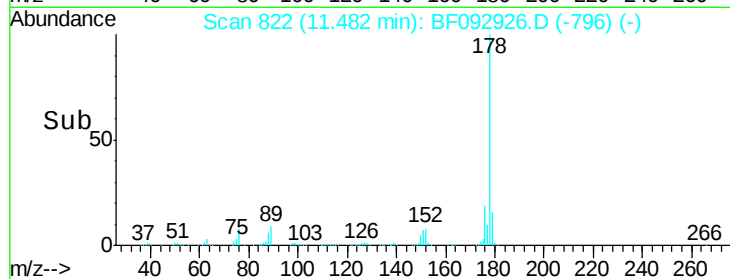
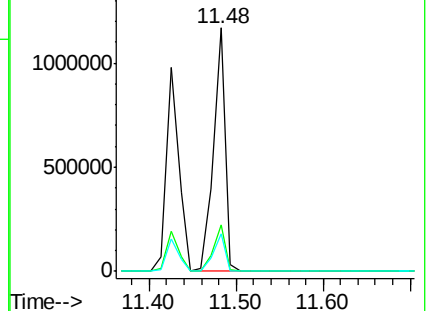
179 15.6 13.2 19.8



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: 35.50 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

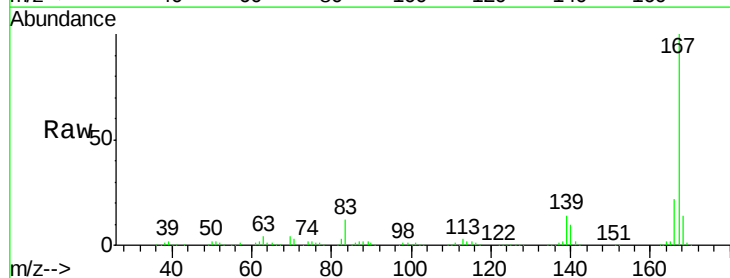
Tgt Ion:167 Resp: 969910

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

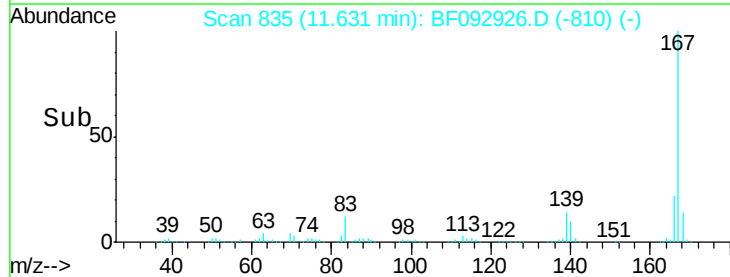
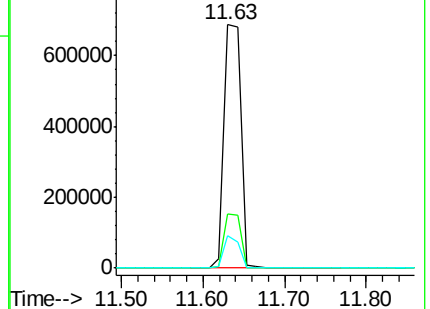
139 13.5 11.4 17.2

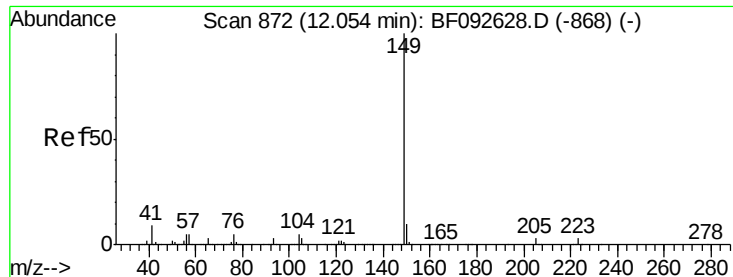


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

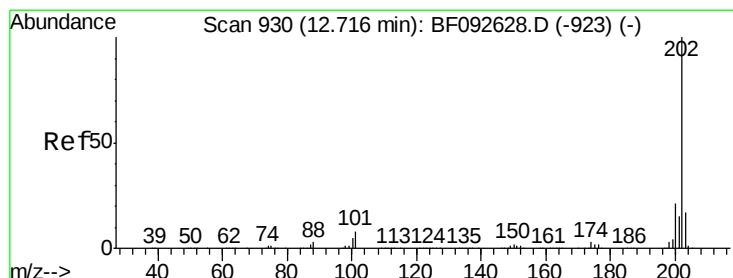
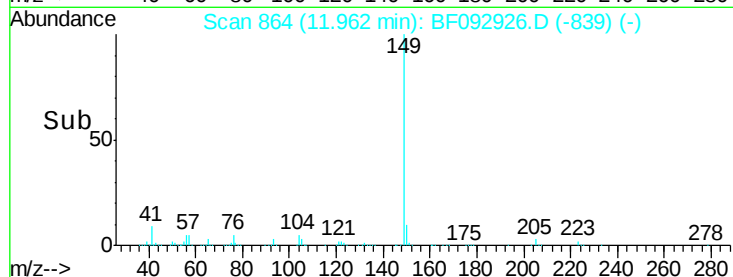
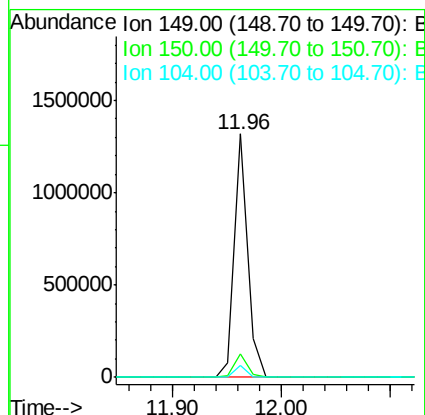
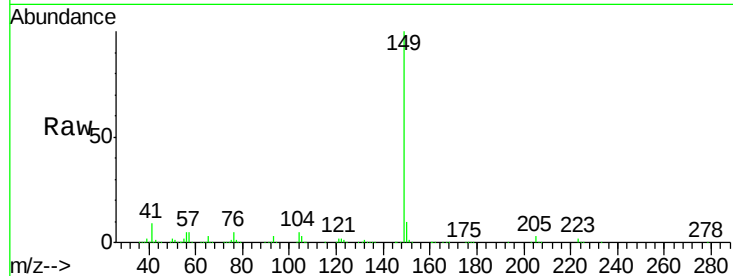




#73
Di-n-butylphthalate
Concen: 37.53 ng
RT: 11.96 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

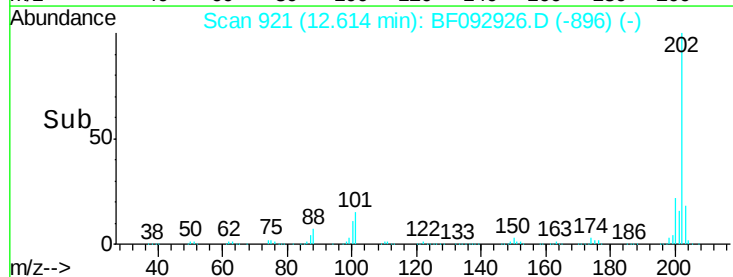
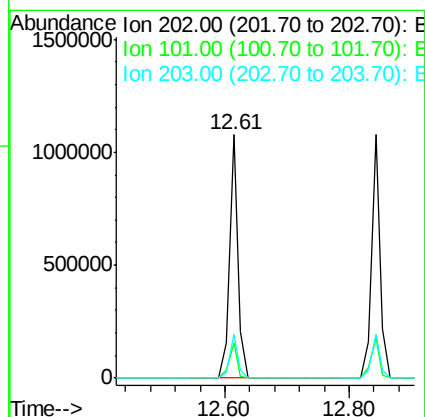
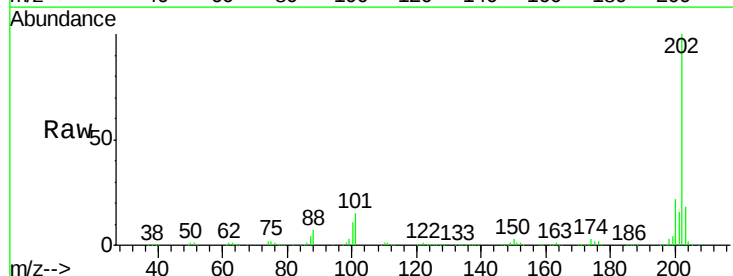
Instrument :
BNA_F
ClientSampleId :
PB96899BS

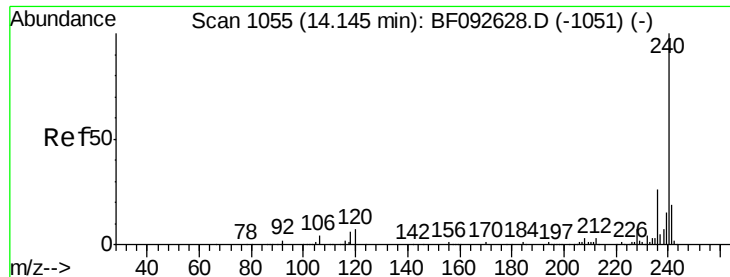
Tgt Ion:149 Resp: 1109014
Ion Ratio Lower Upper
149 100
150 9.6 8.1 12.1
104 4.7 4.6 7.0



#74
Fluoranthene
Concen: 33.92 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Tgt Ion:202 Resp: 995931
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.6
203 17.9 0.0 38.7

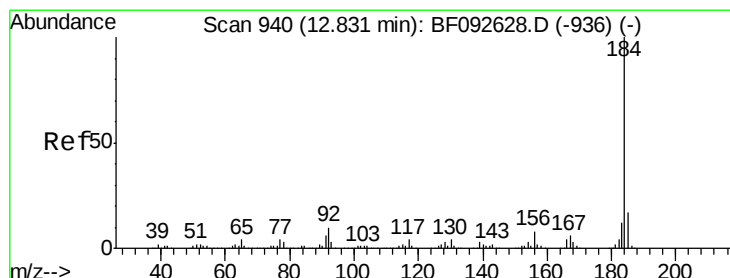
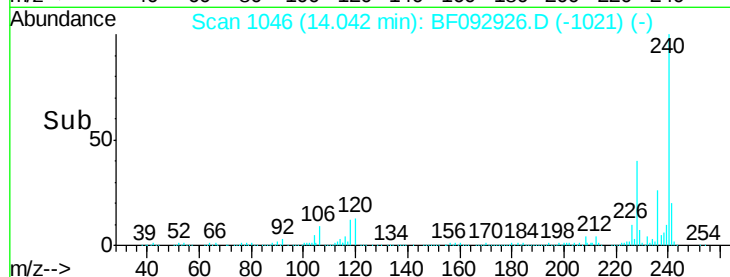
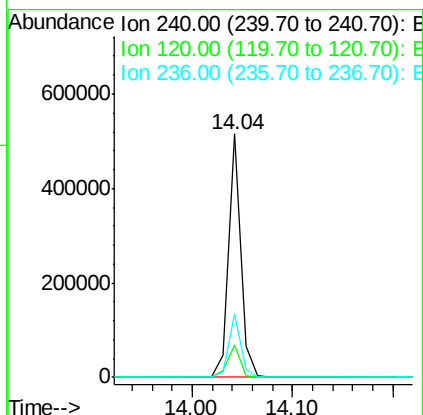
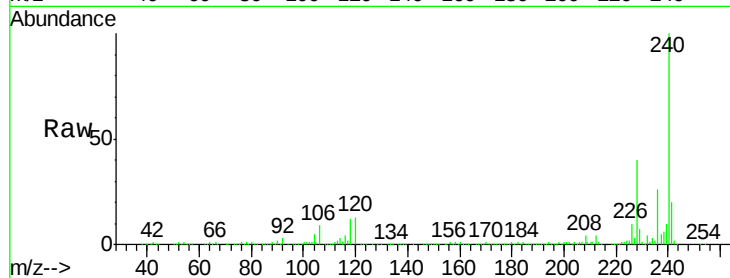




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

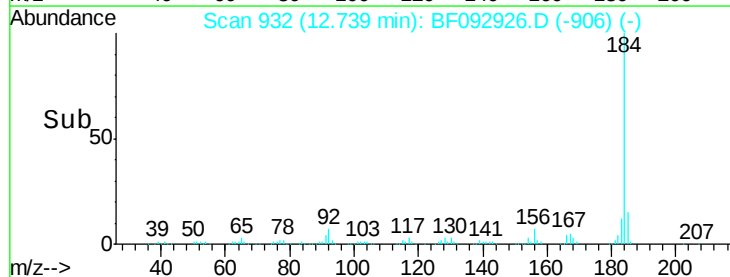
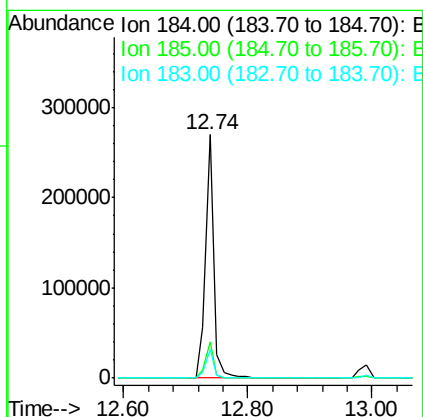
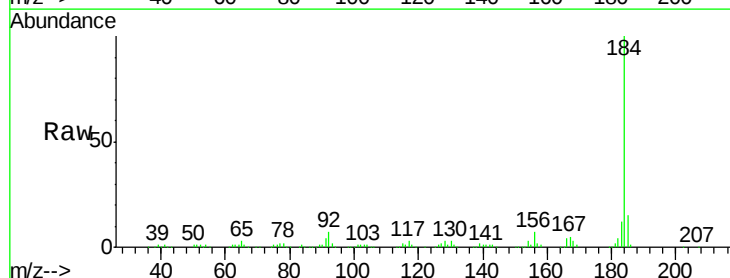
Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

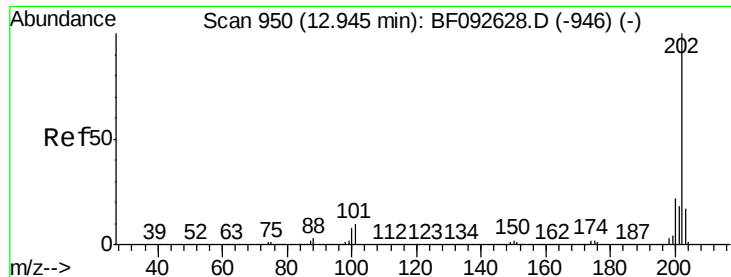
Tgt Ion:240 Resp: 435195
 Ion Ratio Lower Upper
 240 100
 120 13.4 12.9 19.3
 236 25.9 20.9 31.3



#76
 Benzidine
 Concen: 13.72 ng
 RT: 12.74 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Tgt Ion:184 Resp: 254389
 Ion Ratio Lower Upper
 184 100
 185 14.7 13.4 20.0
 183 11.8 9.2 13.8

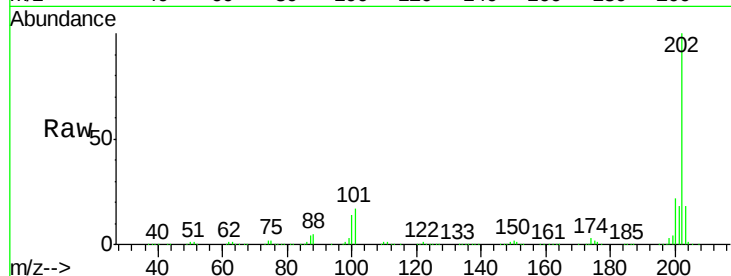




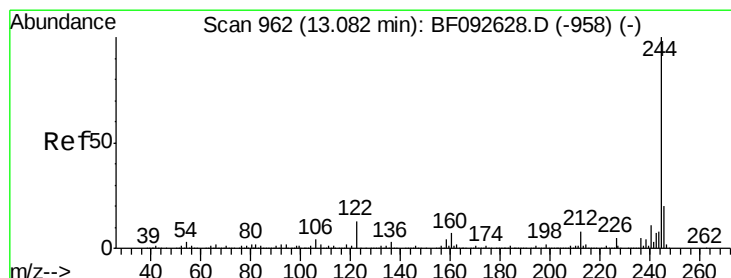
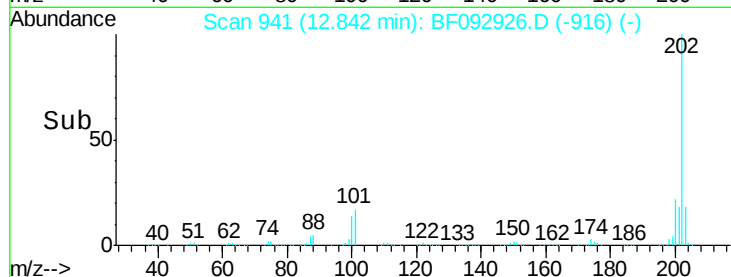
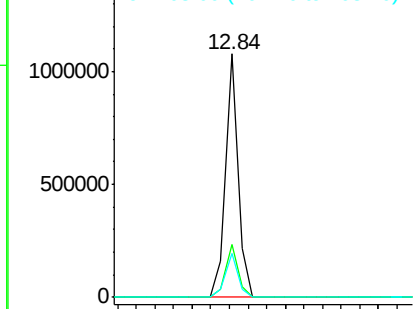
#77
 Pyrene
 Concen: 31.07 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

Tgt Ion: 202 Resp: 1011775
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.7 26.5
 203 17.8 14.7 22.1

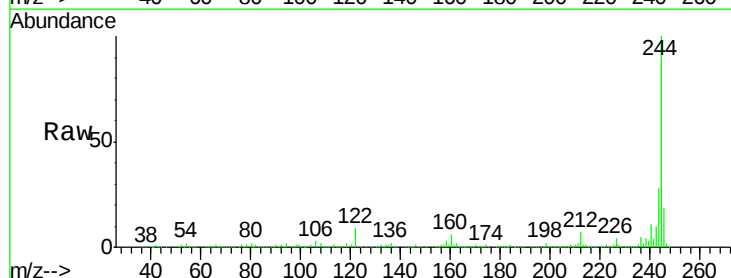


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

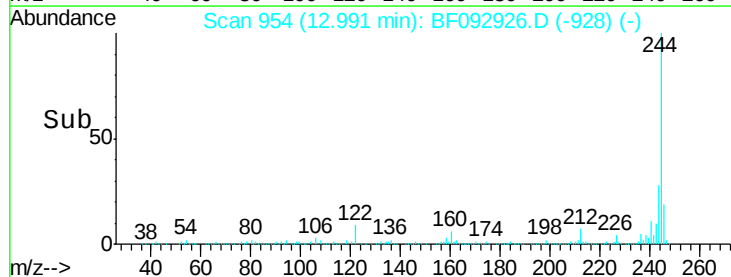
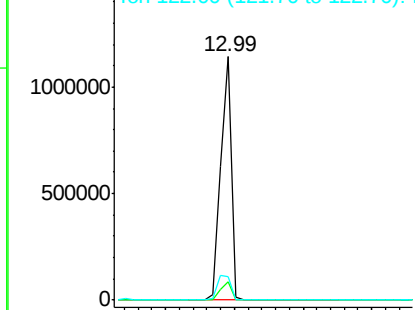


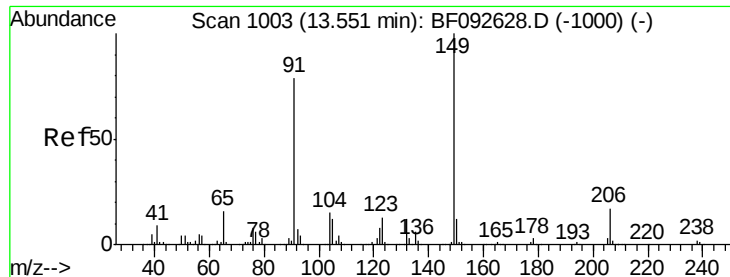
#78
 Terphenyl-d14
 Concen: 67.64 ng
 RT: 12.99 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Tgt Ion: 244 Resp: 1252762
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.4 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

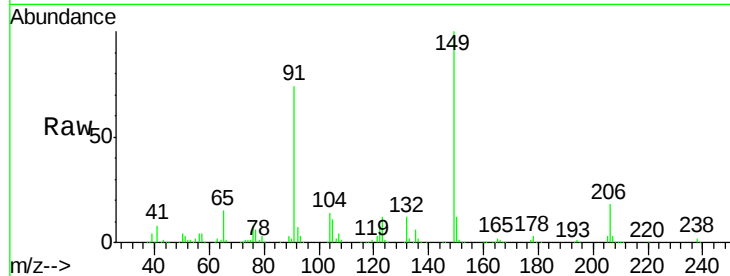




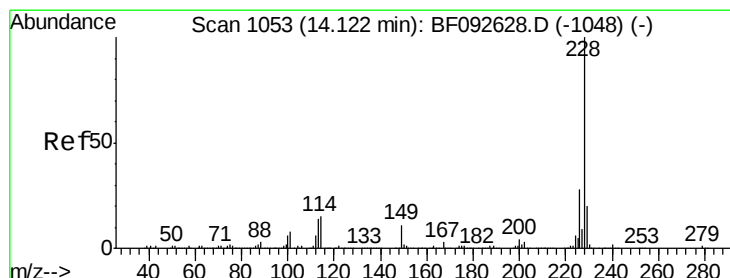
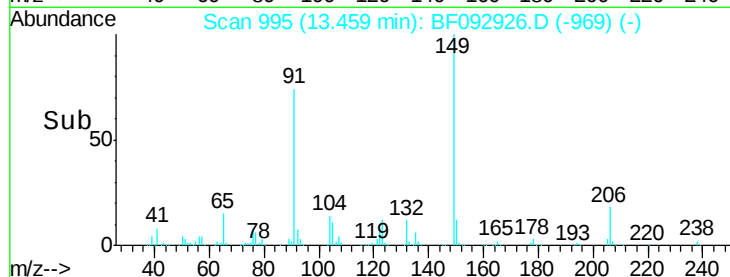
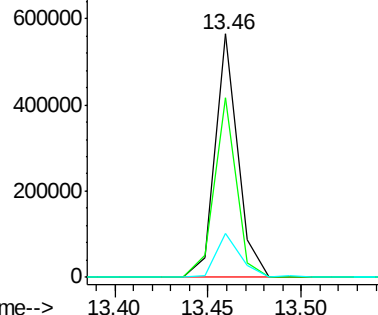
#79
Butylbenzylphthalate
Concen: 36.23 ng
RT: 13.46 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB96899BS

Tgt Ion:149 Resp: 479194
Ion Ratio Lower Upper
149 100
91 73.7 63.9 95.9
206 17.9 14.6 21.8

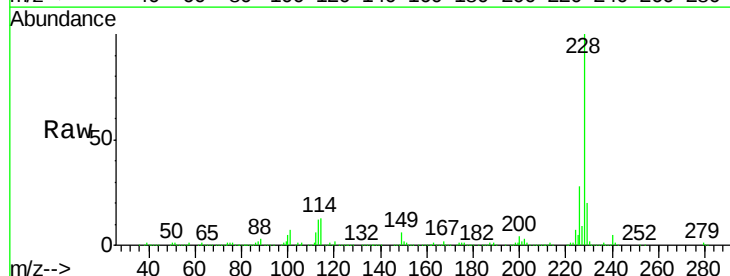


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

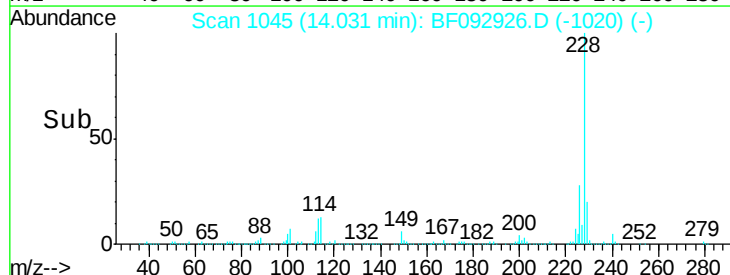
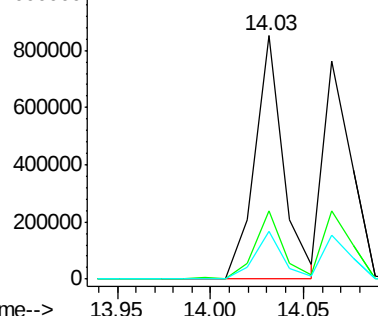


#80
Benzo(a)anthracene
Concen: 34.08 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Tgt Ion:228 Resp: 907196
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

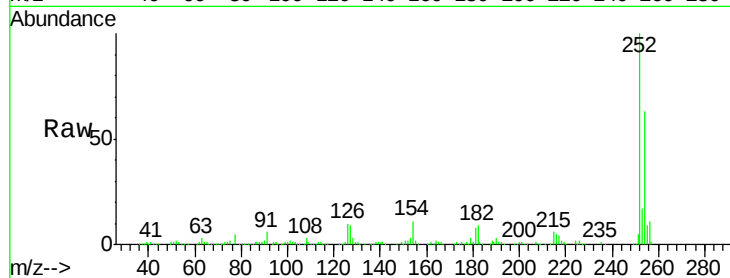




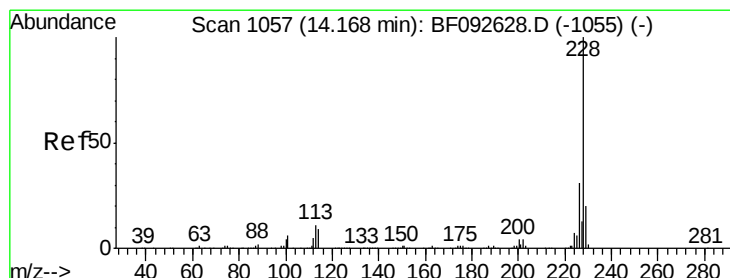
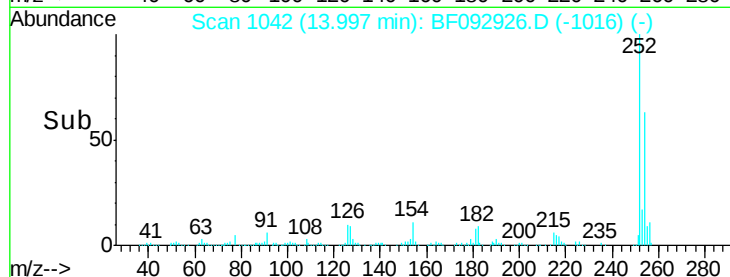
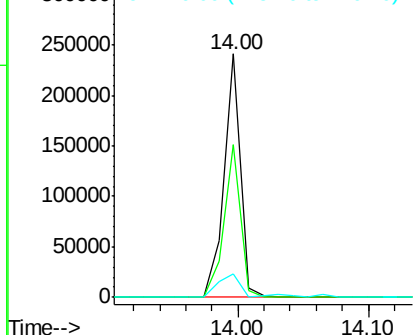
#81
 3,3'-Dichlorobenzidine
 Concen: 22.33 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB96899BS

Tgt Ion: 252 Resp: 211824
 Ion Ratio Lower Upper
 252 100
 254 62.7 52.3 78.5
 126 9.7 13.6 20.4#

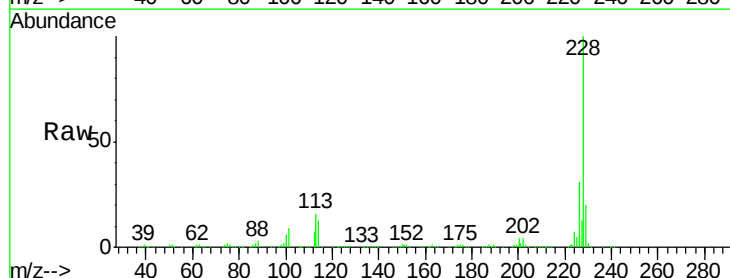


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

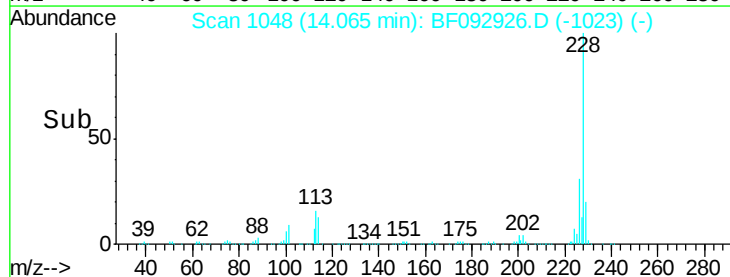
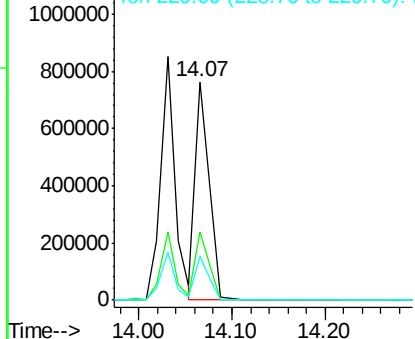


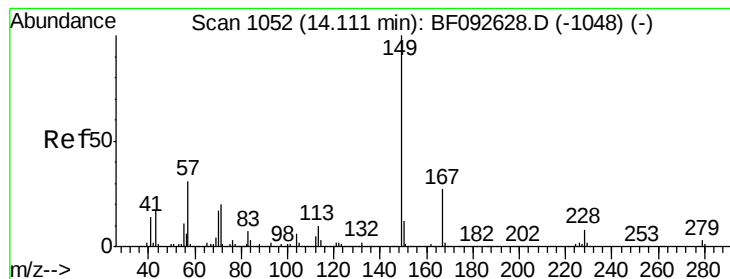
#82
 Chrysene
 Concen: 32.17 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092926.D
 Acq: 13 Feb 2017 18:56

Tgt Ion: 228 Resp: 801805
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.39 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

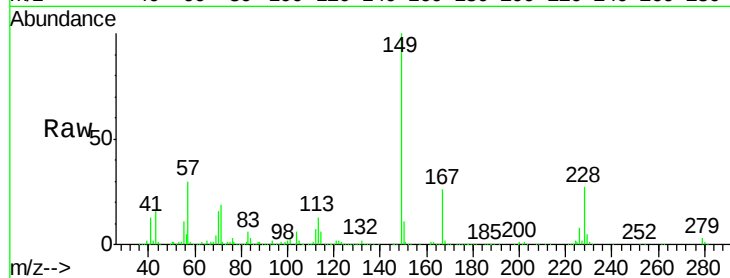
Tgt Ion:149 Resp: 658258

Ion Ratio Lower Upper

149 100

167 26.5 20.2 30.4

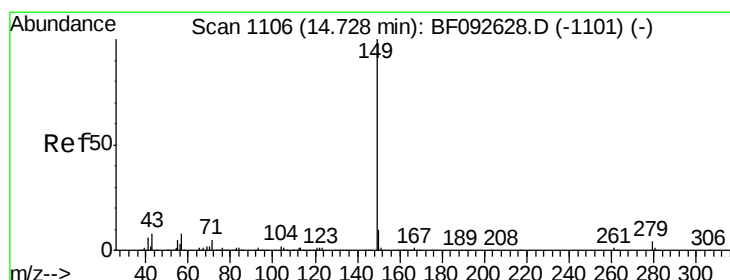
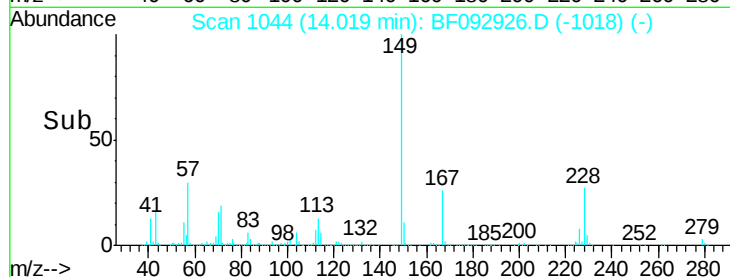
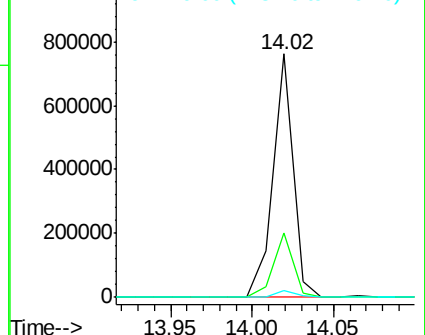
279 2.9 1.8 2.8#



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: 38.99 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

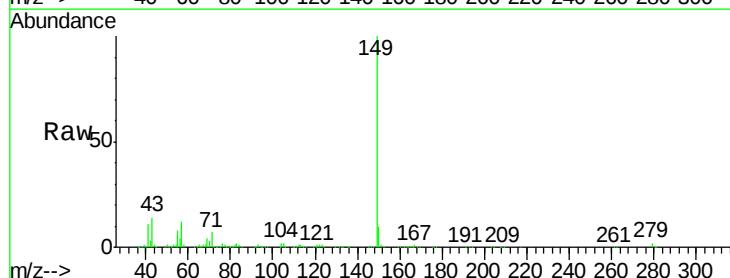
Tgt Ion:149 Resp: 1148340

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

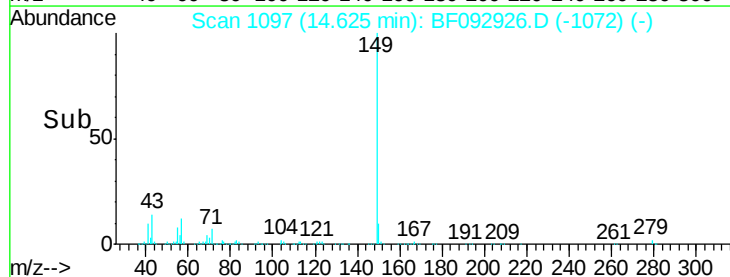
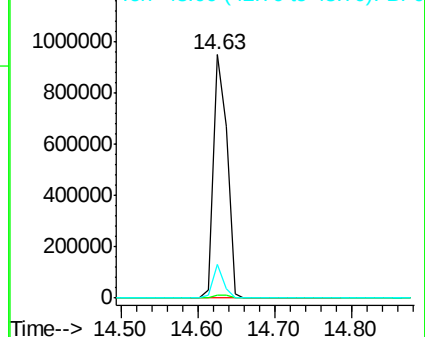
43 11.0 8.9 13.3

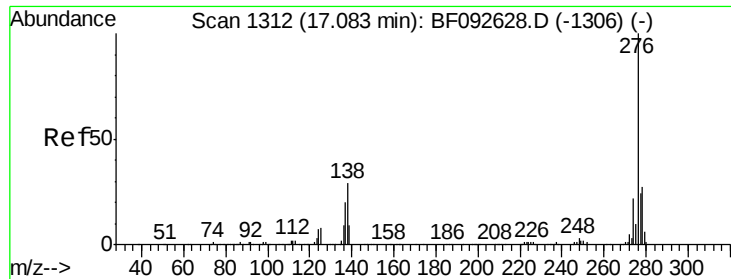


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.58 ng

RT: 16.91 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

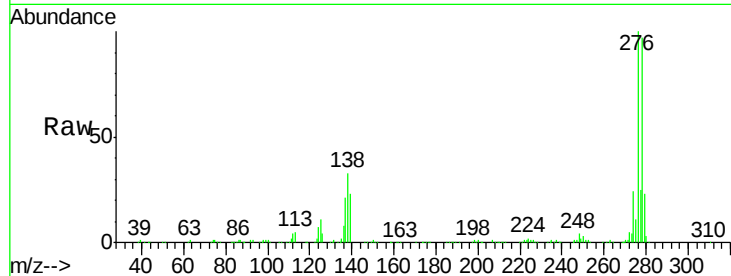
Tgt Ion:276 Resp: 879856

Ion Ratio Lower Upper

276 100

138 32.1 21.8 32.6

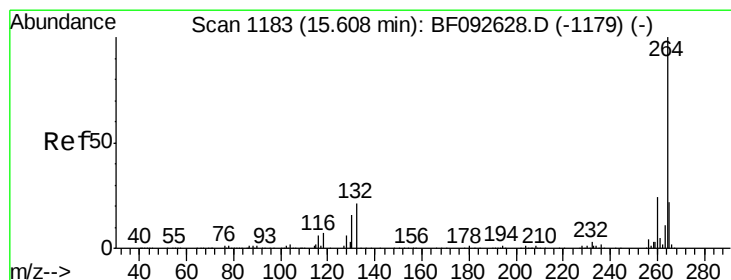
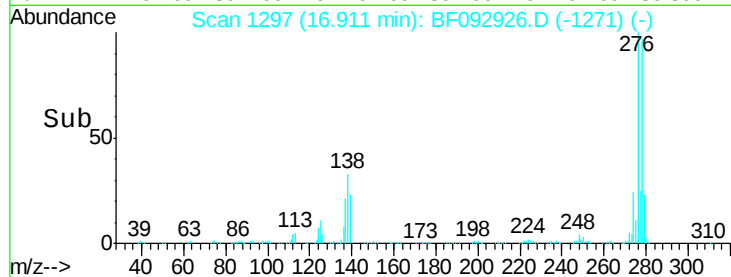
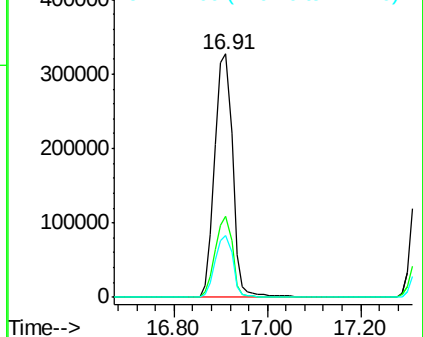
277 25.0 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

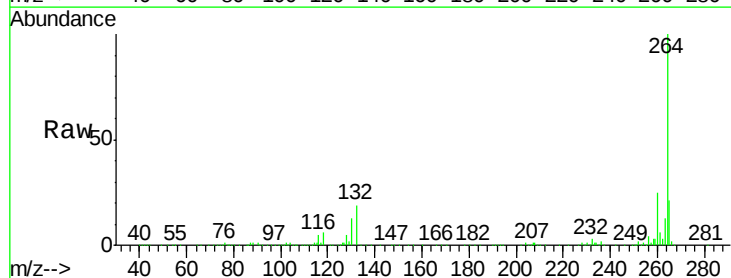
Tgt Ion:264 Resp: 400371

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

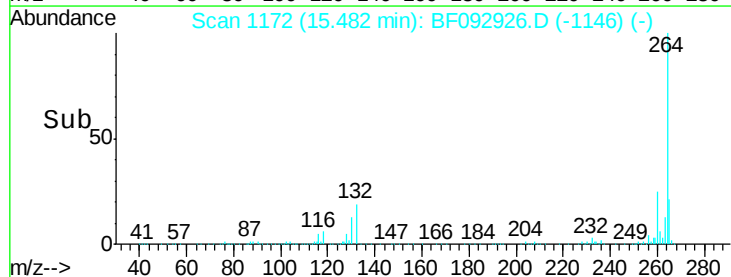
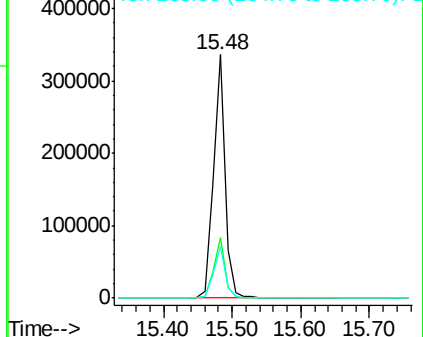
265 21.0 17.4 26.0

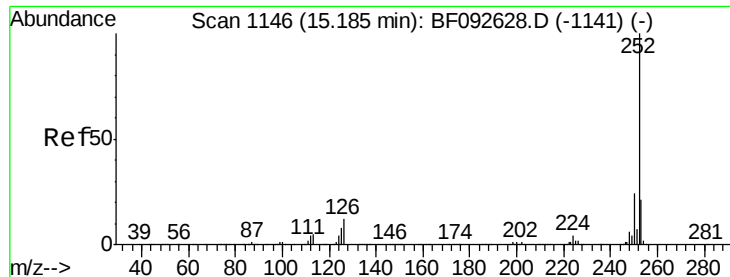


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

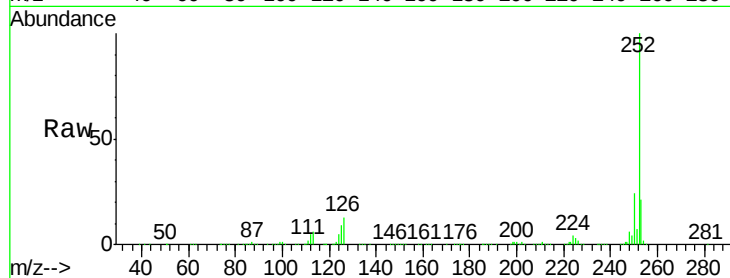




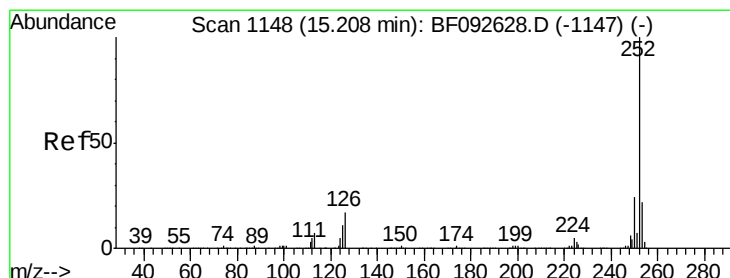
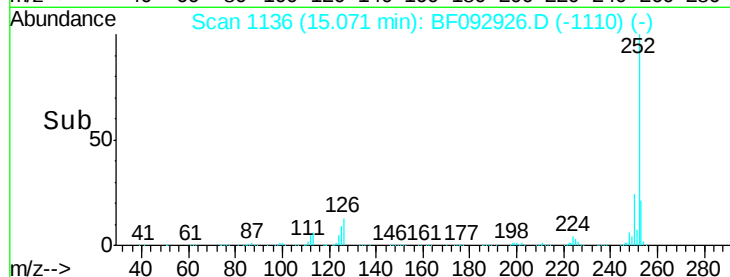
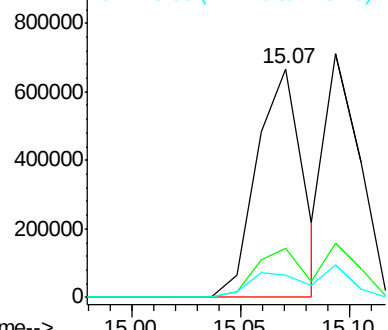
#87
Benzo(b)fluoranthene
Concen: 37.32 ng
RT: 15.07 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB96899BS

Tgt Ion:252 Resp: 983569
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 9.5 9.8 14.6#

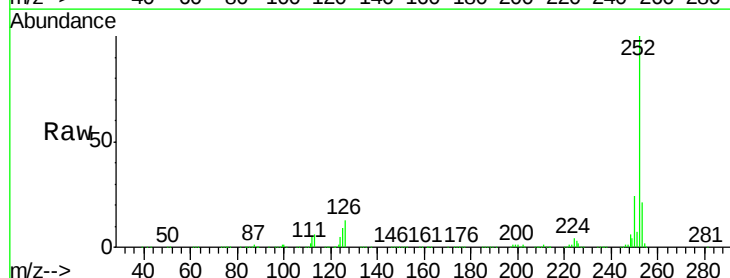


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

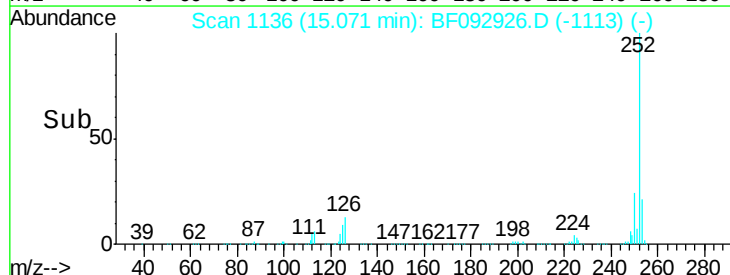
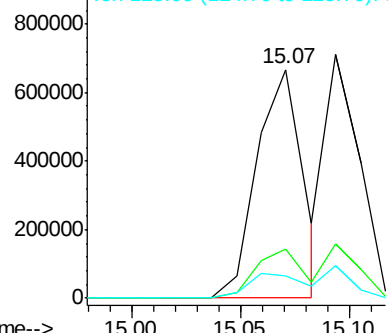


#88
Benzo(k)fluoranthene
Concen: 43.23 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BF092926.D
Acq: 13 Feb 2017 18:56

Tgt Ion:252 Resp: 983569
Ion Ratio Lower Upper
252 100
253 21.4 18.5 27.7
125 9.5 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.38 ng

RT: 15.43 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS

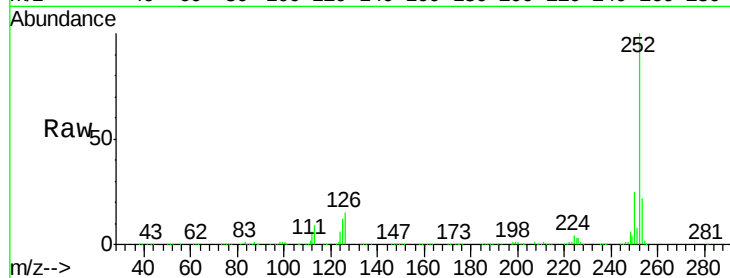
Tgt Ion:252 Resp: 852172

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

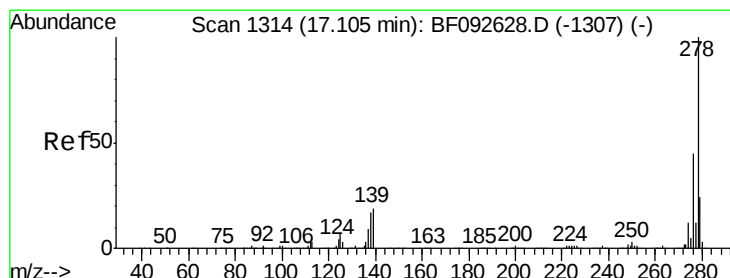
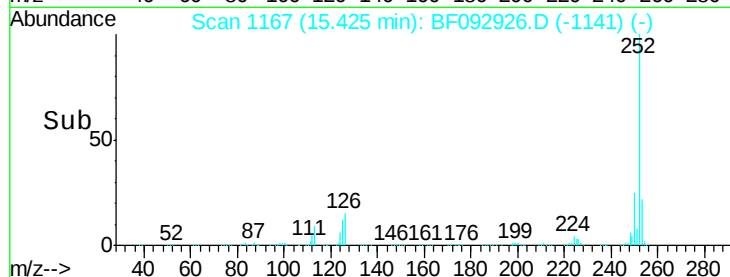
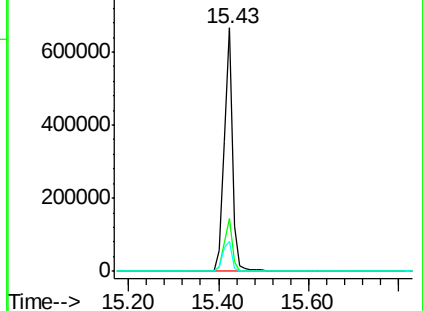
125 12.1 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.94 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF092926.D

Acq: 13 Feb 2017 18:56

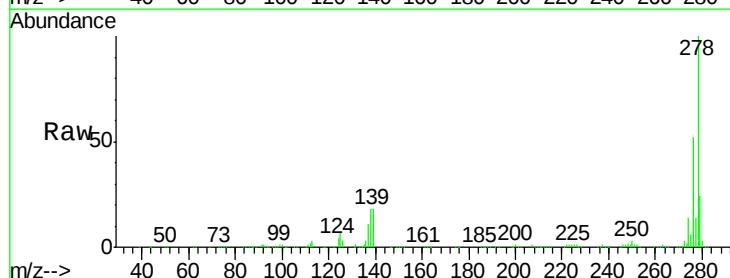
Tgt Ion:278 Resp: 735874

Ion Ratio Lower Upper

278 100

139 18.4 14.8 22.2

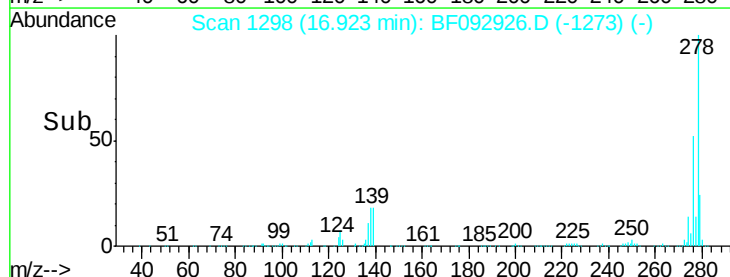
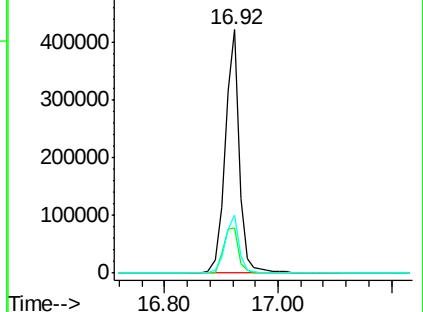
279 23.6 19.8 29.6

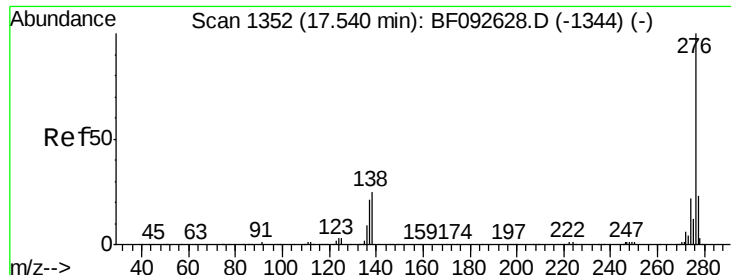


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.70 ng

RT: 17.33 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF092926.D

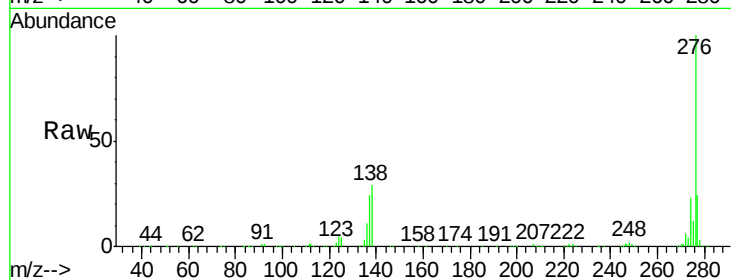
Acq: 13 Feb 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB96899BS



Tgt Ion: 276 Resp: 738905

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 28.6 16.0 24.0#

