

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093334.D
 Acq On : 2 Mar 2017 21:28
 Operator : SJ/MA
 Sample : PB97296BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Quant Time: Mar 03 00:17:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	153748	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	617684	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	293564	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	534526	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	407008	20.00	ng	-0.05
86) Perylene-d12	15.39	264	326616	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1292405	144.22	ng	-0.05
7) Phenol-d6	6.45	99	1553297	134.71	ng	-0.03
23) Nitrobenzene-d5	7.37	82	978428	88.21	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	273548	128.84	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1490031	91.95	ng	-0.05
78) Terphenyl-d14	12.92	244	1327988	76.66	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	182990	37.79	ng	# 81
3) Pyridine	3.09	79	495884	40.27	ng	89
4) n-Nitrosodimethylamine	3.06	42	274522	47.48	ng	86
6) Aniline	6.46	93	388116	24.68	ng	# 78
8) 2-Chlorophenol	6.58	128	428830	43.37	ng	89
9) Benzaldehyde	6.34	77	131743	15.95	ng	86
10) Phenol	6.46	94	599842	44.46	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	443902	41.22	ng	92
12) 1,3-Dichlorobenzene	6.97	146	455857	39.37	ng	94
13) 1,4-Dichlorobenzene	6.81	146	482611	41.18	ng	99
14) 1,2-Dichlorobenzene	6.97	146	458012	40.87	ng	96
15) Benzyl Alcohol	6.96	79	354721	41.55	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	765085	40.90	ng	91
17) 2-Methylphenol	7.07	107	363729	42.88	ng	95
18) Hexachloroethane	7.30	117	167035	41.75	ng	# 88
19) n-Nitroso-di-n-propylamine	7.22	70	323777	44.11	ng	97
20) 3+4-Methylphenols	7.23	107	495477	48.86	ng	# 76
22) Acetophenone	7.22	105	616697	43.73	ng	# 97
24) Nitrobenzene	7.39	77	526302	46.21	ng	99
25) Isophorone	7.63	82	926974	44.85	ng	94
26) 2-Nitrophenol	7.71	139	256816	47.43	ng	95
27) 2,4-Dimethylphenol	7.76	122	432179	45.45	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	606176	44.28	ng	99
29) 2,4-Dichlorophenol	7.96	162	380524	42.91	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	381563	39.93	ng	95
31) Naphthalene	8.11	128	1255295	40.09	ng	99
32) Benzoic acid	7.92	122	176299	35.01	ng	94
33) 4-Chloroaniline	8.17	127	244919	19.94	ng	95
34) Hexachlorobutadiene	8.22	225	199847	38.01	ng	98
35) Caprolactam	8.56	113	89290	32.01	ng	# 62
36) 4-Chloro-3-methylphenol	8.67	107	398858	43.14	ng	99
37) 2-Methylnaphthalene	8.81	142	841657	41.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	384279	46.63	ng	99
40) Hexachlorocyclopentadiene	8.96	237	216432	58.21	ng	95

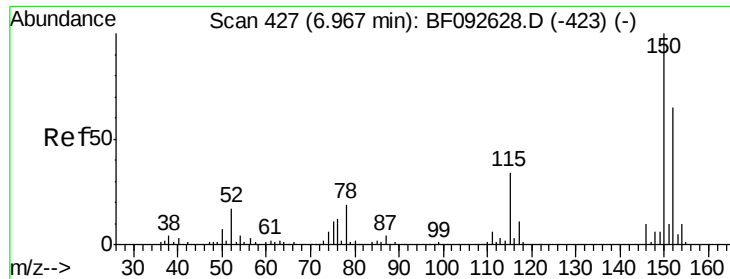
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	249890	46.15	ng	91
43) 2,4,5-Trichlorophenol	9.15	196	244445	41.20	ng	# 86
45) 1,1'-Biphenyl	9.28	154	1019627	47.97	ng	97
46) 2-Chloronaphthalene	9.30	162	764293	45.96	ng	97
47) 2-Nitroaniline	9.40	65	263675	47.16	ng	92
48) Acenaphthylene	9.71	152	1153191	40.14	ng	98
49) Dimethylphthalate	9.58	163	971740	49.14	ng	100
50) 2,6-Dinitrotoluene	9.65	165	218937	51.27	ng	92
51) Acenaphthene	9.88	154	673759	39.23	ng	97
52) 3-Nitroaniline	9.82	138	132867	27.19	ng	80
53) 2,4-Dinitrophenol	9.94	184	229631	104.19	ng	# 63
54) Dibenzofuran	10.05	168	1026088	44.67	ng	99
55) 4-Nitrophenol	10.01	139	220515	62.65	ng	95
56) 2,4-Dinitrotoluene	10.06	165	267743	47.09	ng	# 76
57) Fluorene	10.40	166	788287	44.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	207492	52.43	ng	92
59) Diethylphthalate	10.28	149	955150	51.26	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	392759	46.26	ng	# 75
61) 4-Nitroaniline	10.44	138	245501	49.05	ng	91
62) Azobenzene	10.56	77	1159172	60.21	ng	94
64) 4,6-Dinitro-2-methylphenol	10.48	198	150296	46.29	ng	80
65) n-Nitrosodiphenylamine	10.52	169	758393	44.41	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	227279	40.70	ng	# 89
67) Hexachlorobenzene	10.96	284	228873	41.47	ng	# 89
68) Atrazine	11.05	200	231986	42.34	ng	99
69) Pentachlorophenol	11.15	266	179851	64.65	ng	96
70) Phenanthrene	11.37	178	1283918	41.93	ng	98
71) Anthracene	11.41	178	1189613	38.68	ng	99
72) Carbazole	11.57	167	1076266	36.61	ng	99
73) Di-n-butylphthalate	11.90	149	1471952	46.30	ng	# 95
74) Fluoranthene	12.54	202	1244095	39.38	ng	97
76) Benzidine	12.67	184	405782	23.40	ng	98
77) Pyrene	12.77	202	1263466	41.48	ng	99
79) Butylbenzylphthalate	13.39	149	583443	47.17	ng	98
80) Benzo(a)anthracene	13.96	228	1027592	41.28	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	235379	26.53	ng	# 95
82) Chrysene	14.00	228	969085	41.58	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	867884	51.31	ng	# 96
84) Di-n-octyl phthalate	14.56	149	1348441	48.95	ng	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	708586	39.25	ng	# 94
87) Benzo(b)fluoranthene	14.99	252	1714547	79.75	ng	99
88) Benzo(k)fluoranthene	14.99	252	1715591	92.43	ng	97
89) Benzo(a)pyrene	15.33	252	781799	42.04	ng	# 96
90) Dibenzo(a,h)anthracene	16.79	278	600850	39.98	ng	# 94
91) Benzo(g,h,i)perylene	17.21	276	607509	40.01	ng	# 92

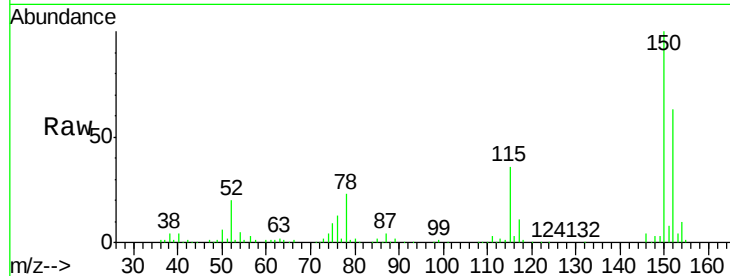
(#) = qualifier out of range (m) = manual integration (+) = signals summed



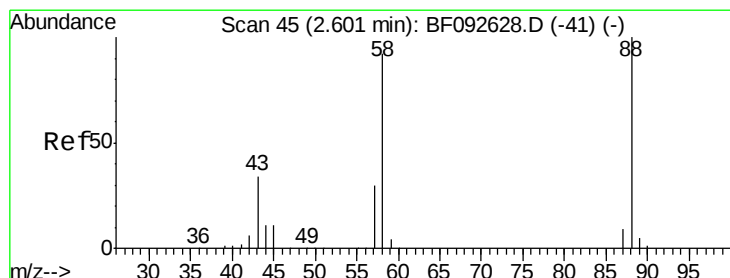
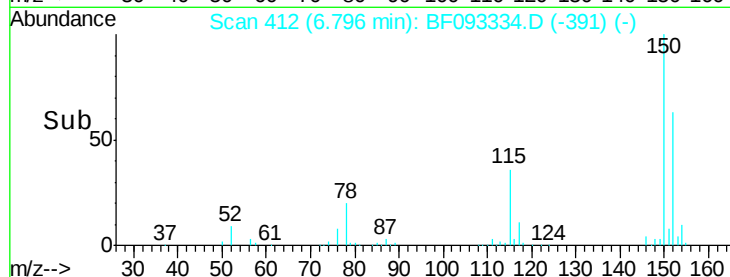
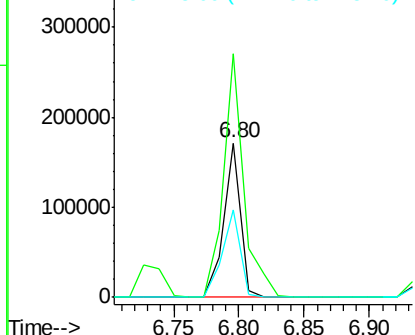
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tgt Ion:152 Resp: 153748
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.9 187.3
 115 56.7 46.0 69.0

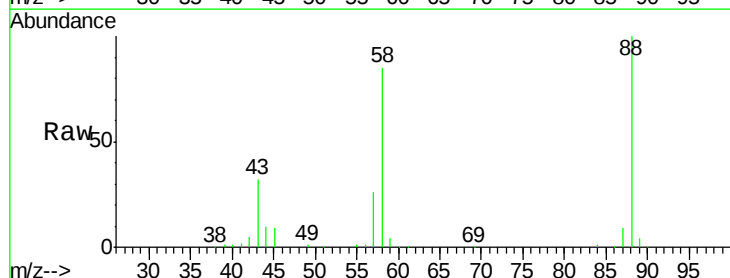


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

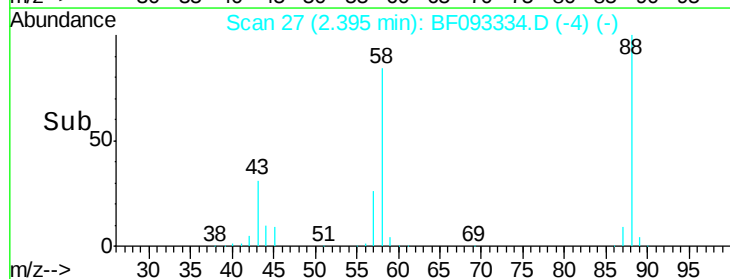
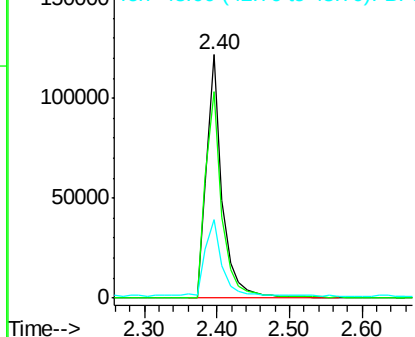


#2
 1,4-Dioxane
 Concen: 37.79 ng
 RT: 2.40 min Scan# 27
 Delta R.T. -0.03 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion: 88 Resp: 182990
 Ion Ratio Lower Upper
 88 100
 58 89.5 57.8 86.8#
 43 35.1 22.3 33.5#



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





#3

Pyridine

Concen: 40.27 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.06 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

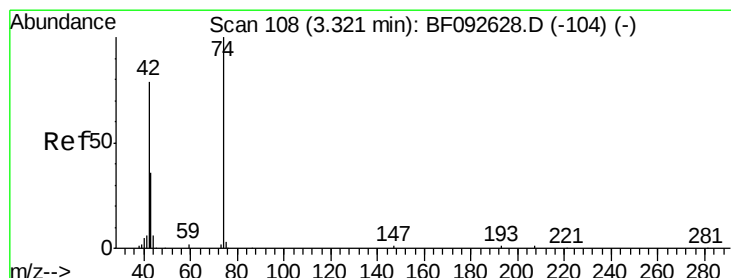
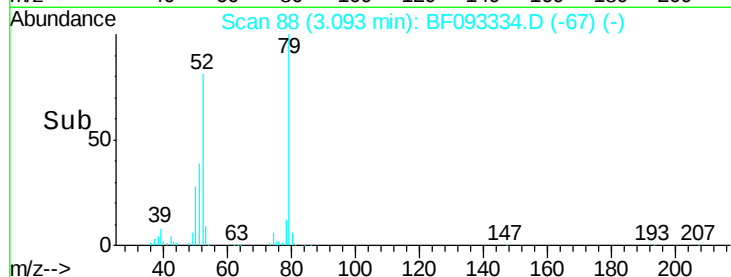
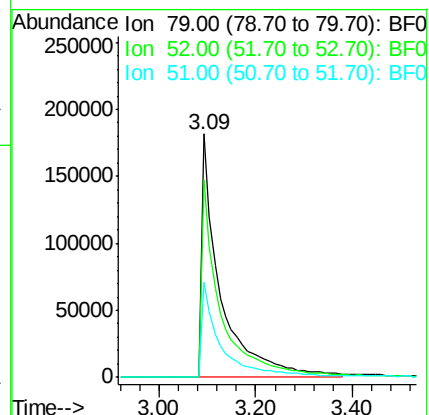
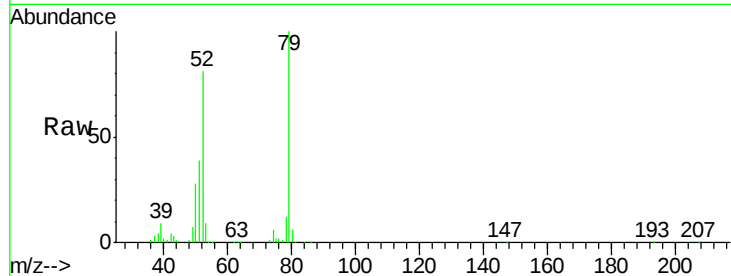
Tgt Ion: 79 Resp: 495884

Ion Ratio Lower Upper

79 100

52 81.2 57.1 85.7

51 38.9 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 47.48 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

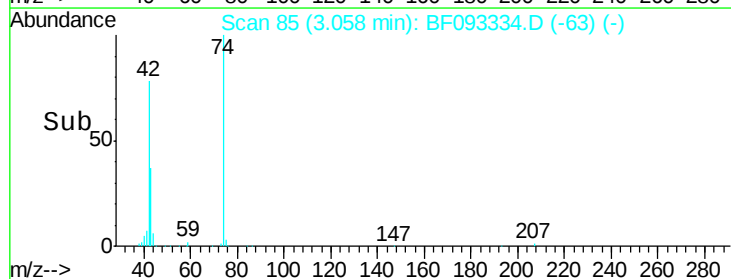
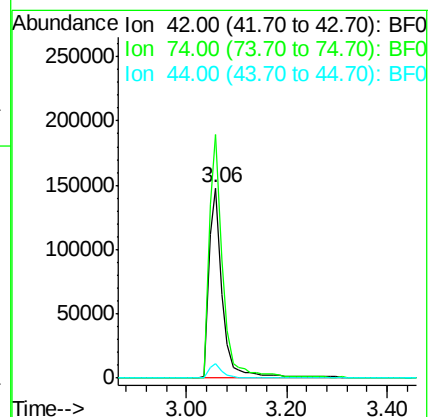
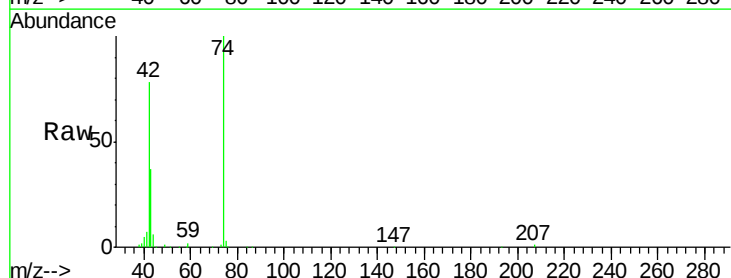
Tgt Ion: 42 Resp: 274522

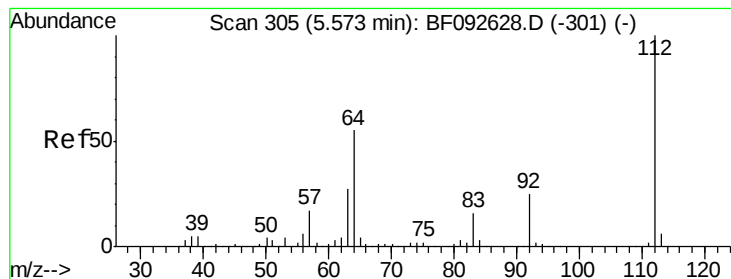
Ion Ratio Lower Upper

42 100

74 127.9 117.0 175.4

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 144.22 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

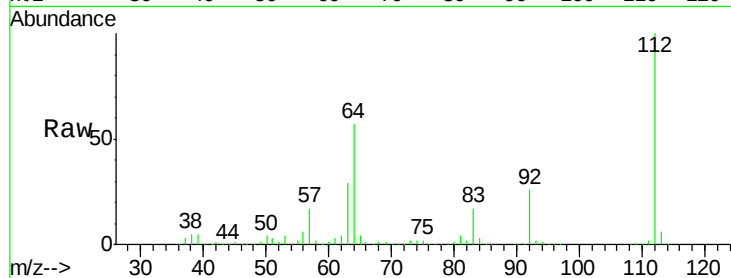
Tgt Ion: 112 Resp: 1292405

Ion Ratio Lower Upper

112 100

64 57.2 46.1 69.1

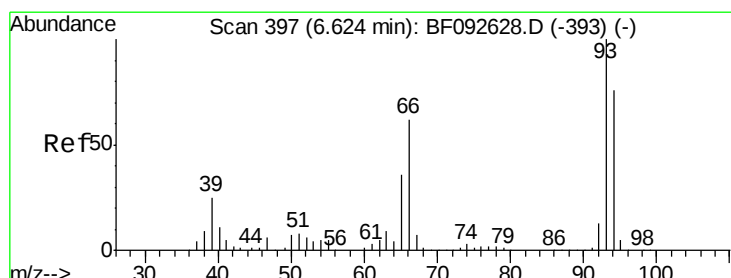
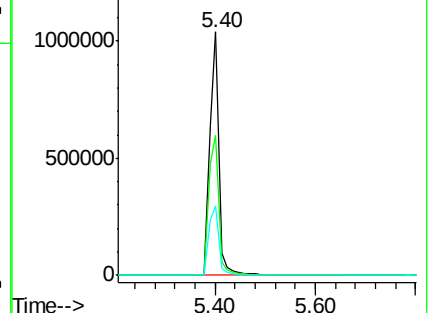
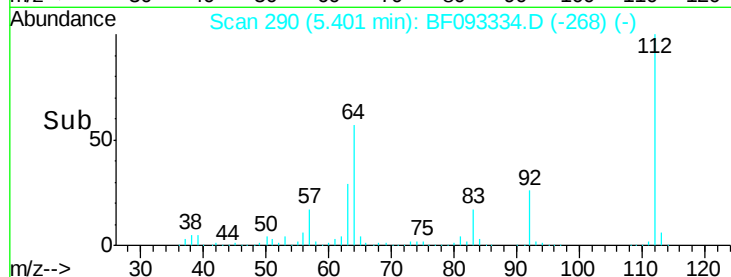
63 28.6 23.8 35.6



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: 24.68 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

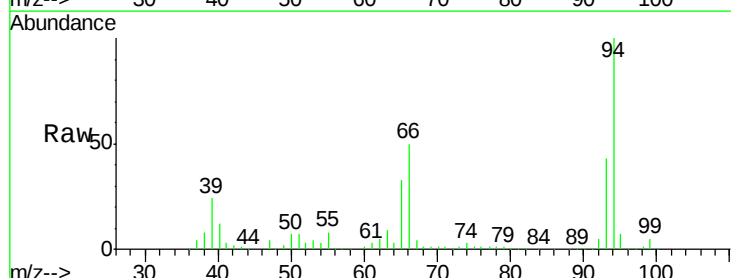
Tgt Ion: 93 Resp: 388116

Ion Ratio Lower Upper

93 100

66 116.1 76.2 114.2#

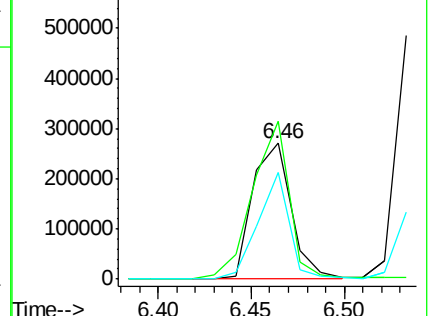
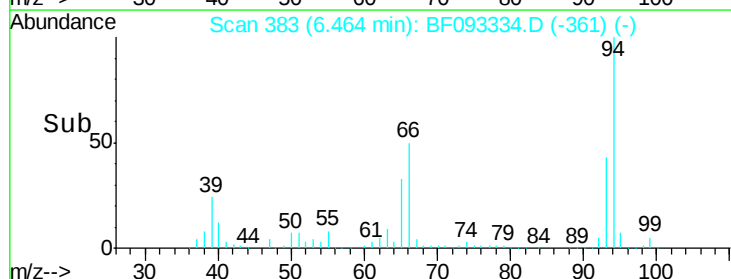
65 78.2 49.3 73.9#

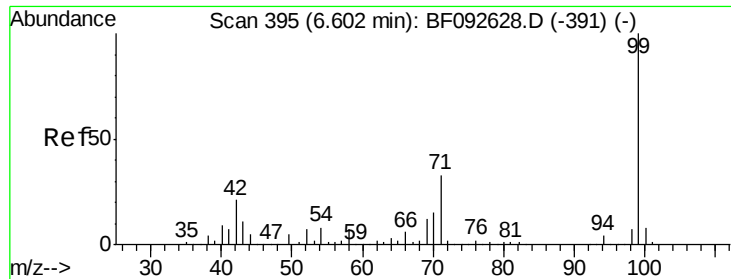


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.71 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

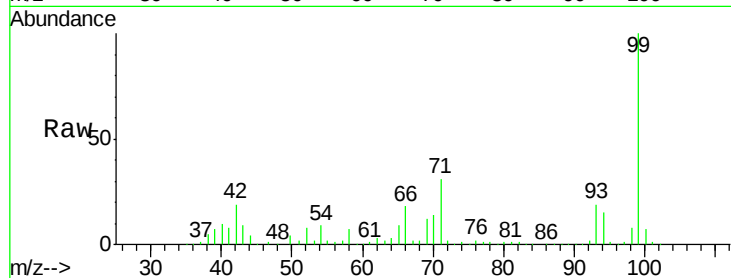
BNA_F

ClientSampleId :

PB97296BS

Tgt Ion: 99 Resp: 1553297

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.6	23.4
71	31.1	27.5	41.3

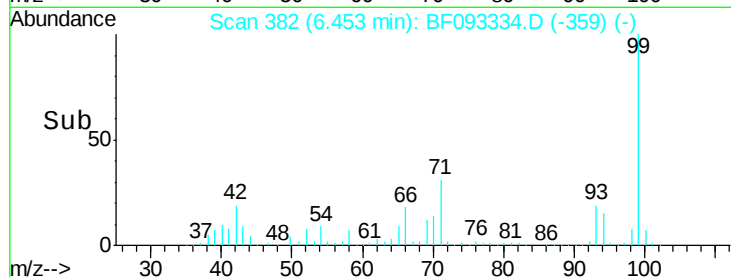


Abundance

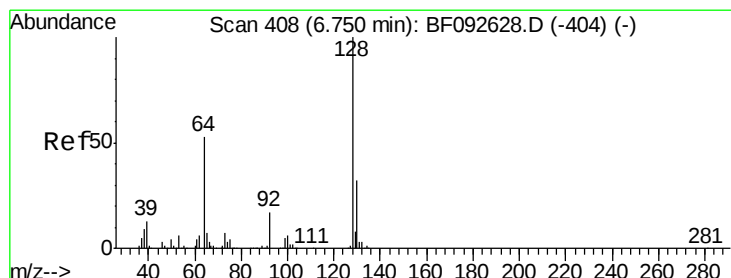
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 43.37 ng

RT: 6.58 min Scan# 393

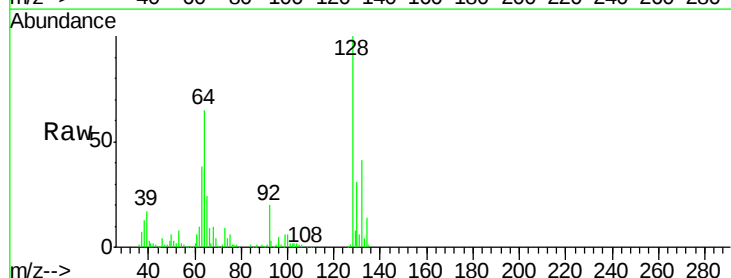
Delta R.T. -0.06 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion: 128 Resp: 428830

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.3	52.3
64	64.5	32.2	72.2

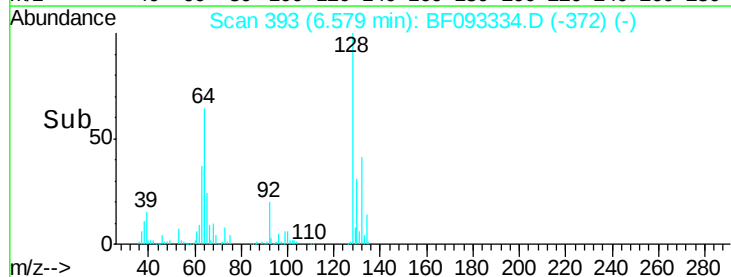


Abundance

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



Time-->



#9

Benzaldehyde

Concen: 15.95 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

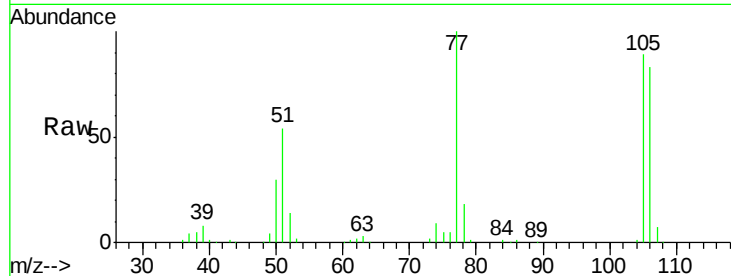
Tgt Ion: 77 Resp: 131743

Ion Ratio Lower Upper

77 100

105 89.2 83.9 123.9

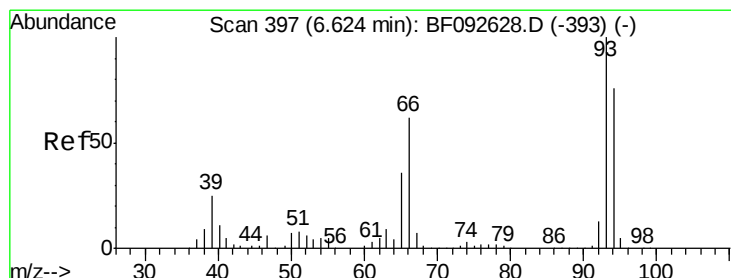
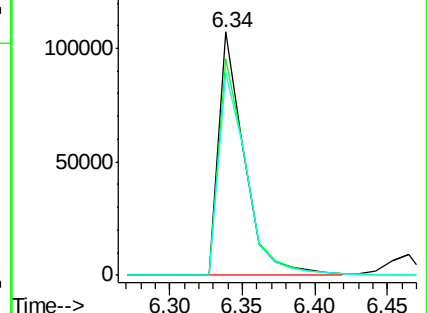
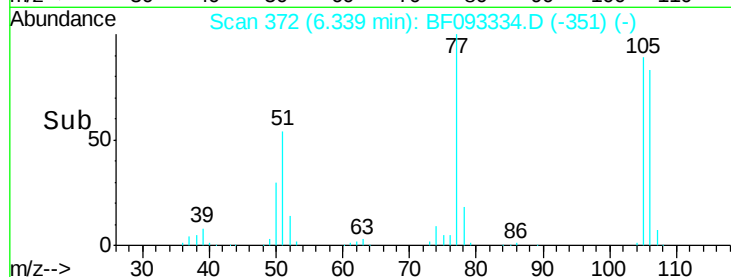
106 83.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.46 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

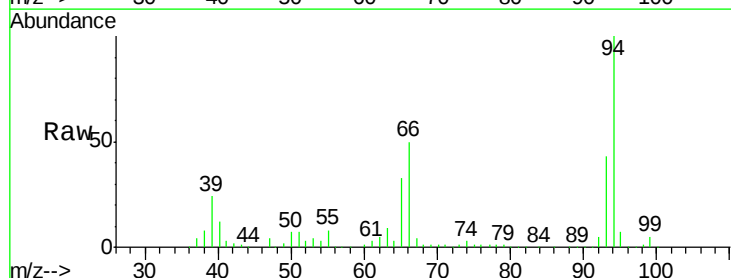
Tgt Ion: 94 Resp: 599842

Ion Ratio Lower Upper

94 100

65 33.4 21.4 61.4

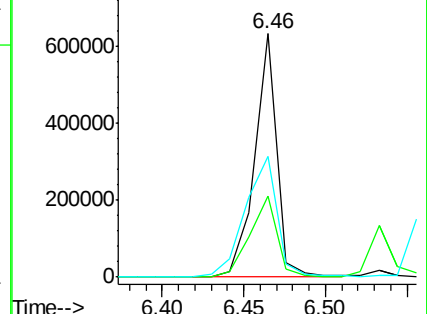
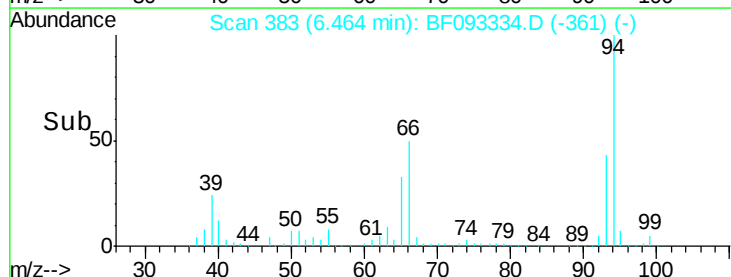
66 49.6 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

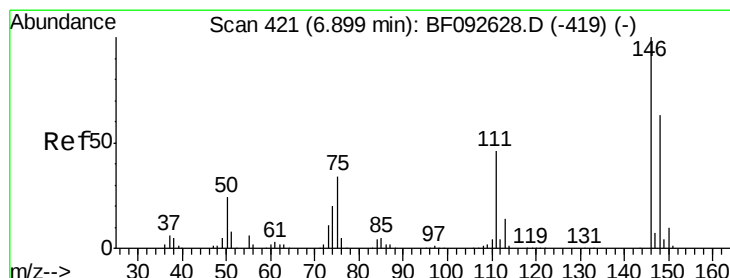
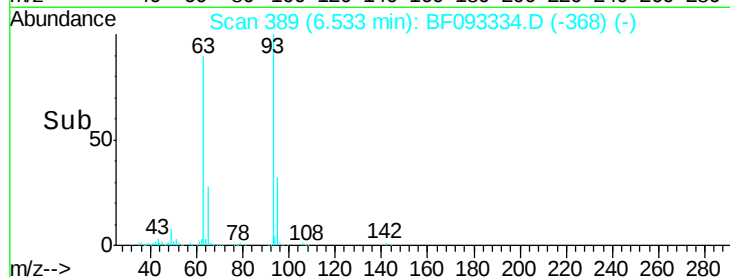
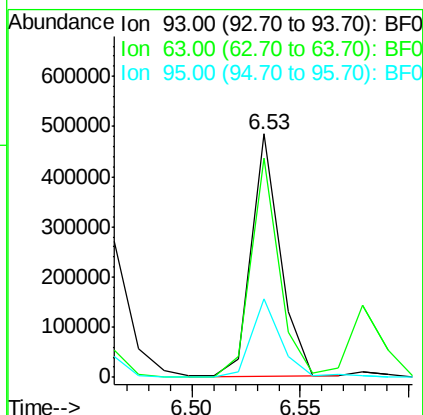
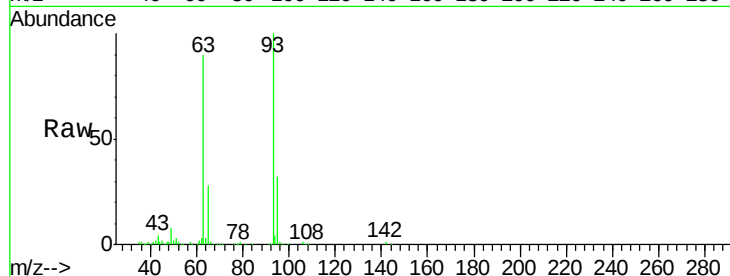




#11
bis(2-Chloroethyl)ether
Concen: 41.22 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.06 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

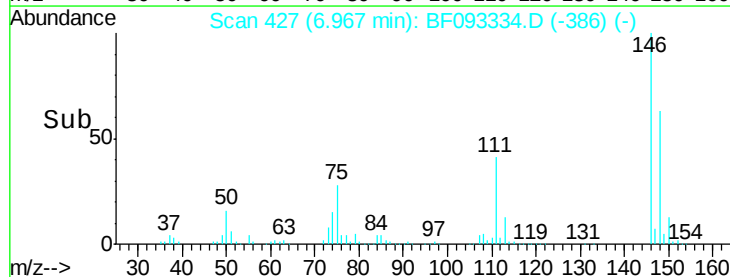
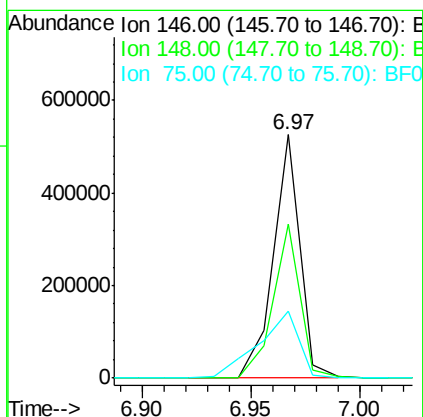
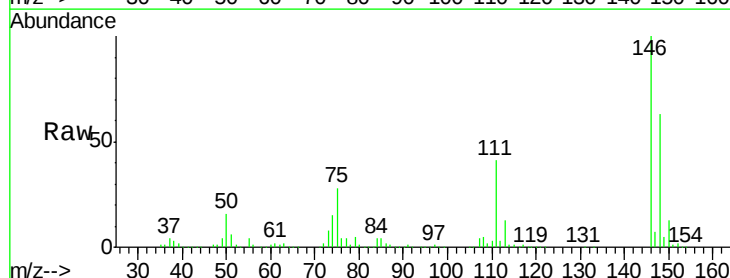
Instrument :
BNA_F
ClientSampleId :
PB97296BS

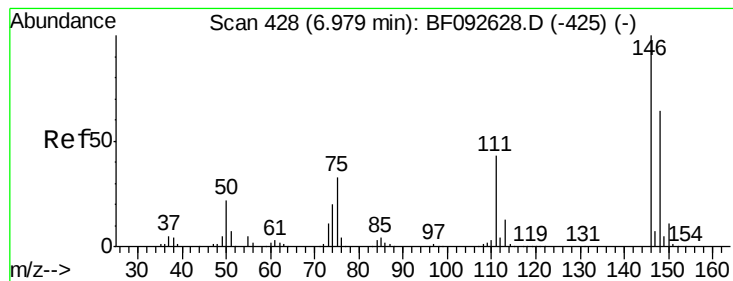
Tgt Ion: 93 Resp: 443902
Ion Ratio Lower Upper
93 100
63 89.9 60.4 100.4
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.37 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.17 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion: 146 Resp: 455857
Ion Ratio Lower Upper
146 100
148 63.2 53.4 80.0
75 27.5 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 41.18 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.07 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

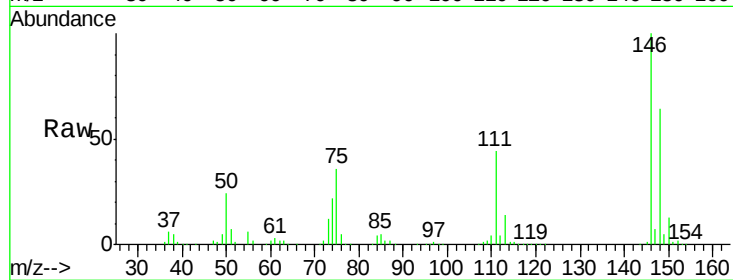
Tgt Ion:146 Resp: 482611

Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

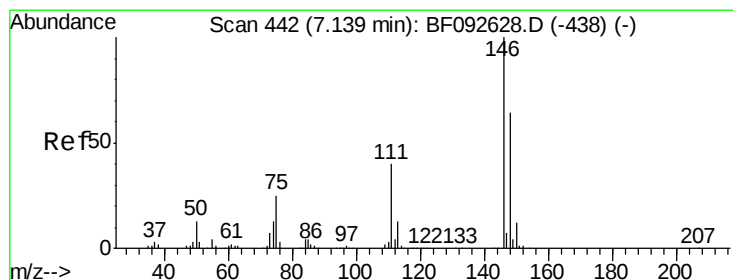
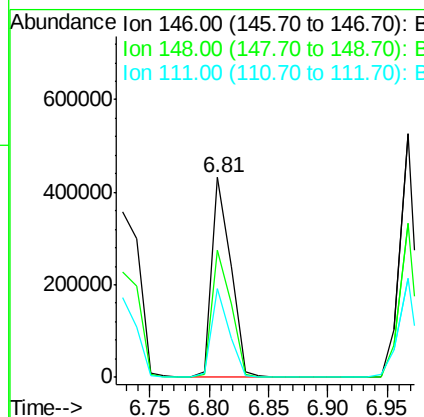
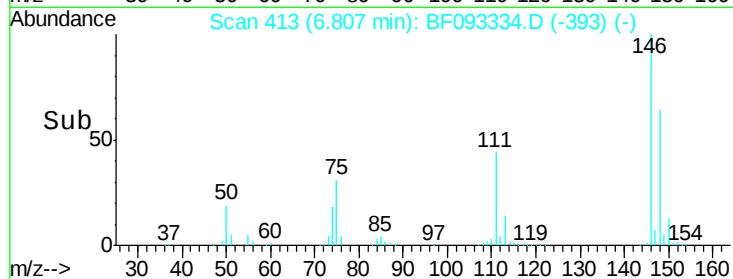
111 44.4 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.87 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.06 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

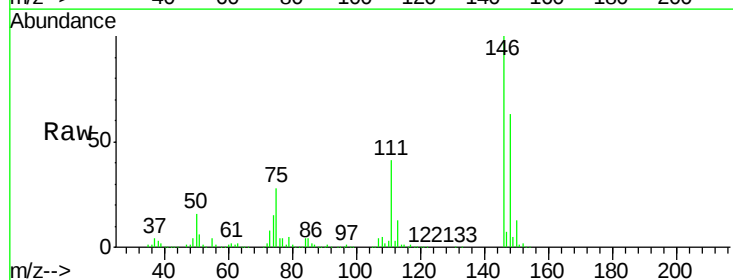
Tgt Ion:146 Resp: 458012

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.2

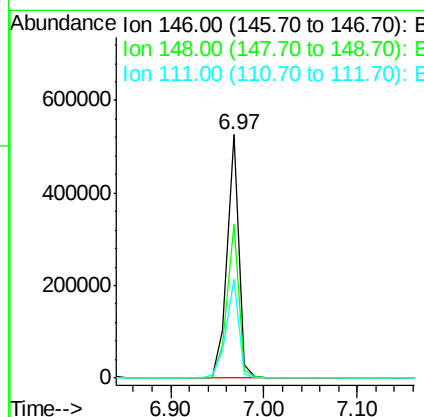
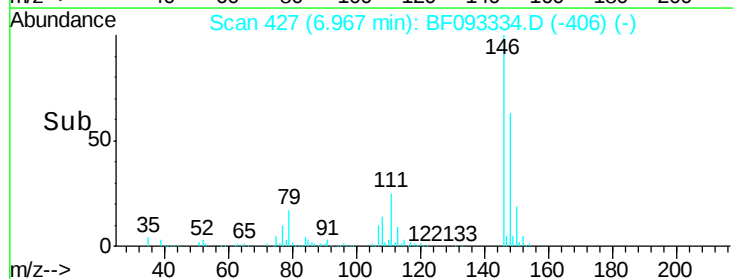
111 40.7 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.55 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

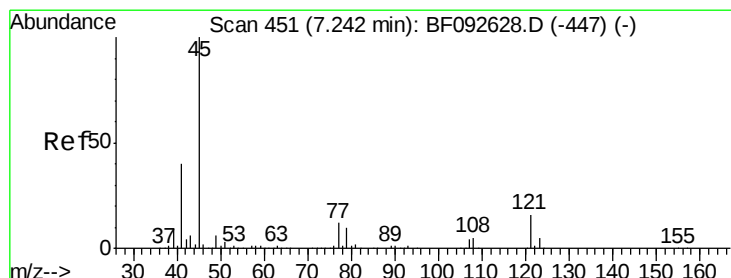
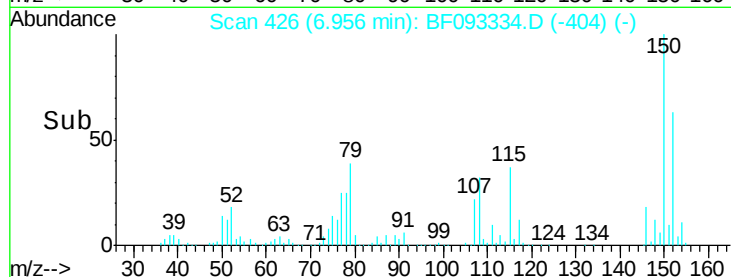
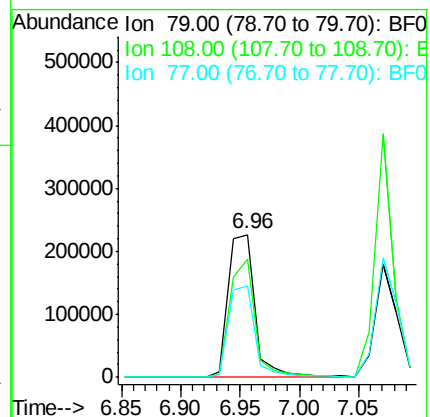
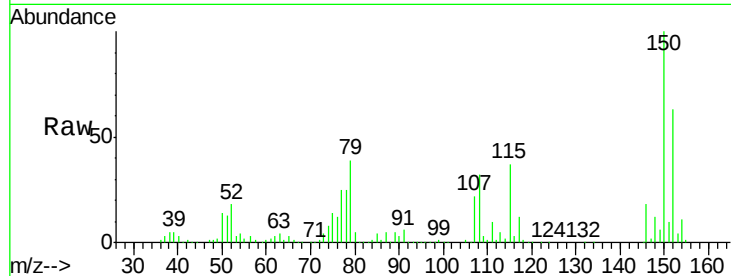
Tgt Ion: 79 Resp: 354721

Ion Ratio Lower Upper

79 100

108 82.6 61.4 92.0

77 64.3 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.90 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.06 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

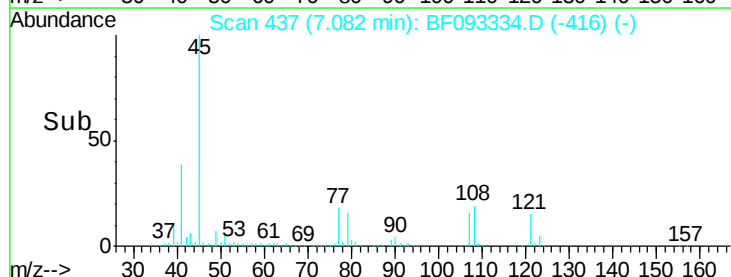
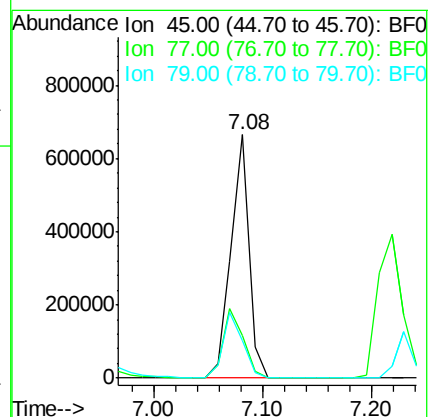
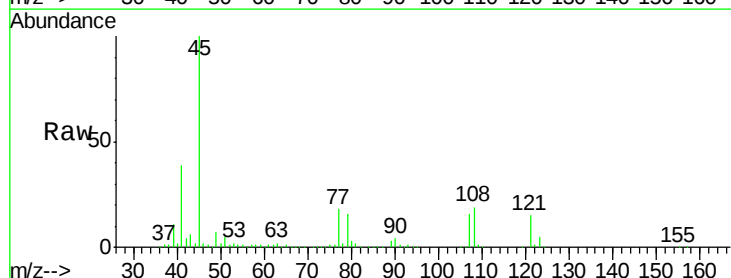
Tgt Ion: 45 Resp: 765085

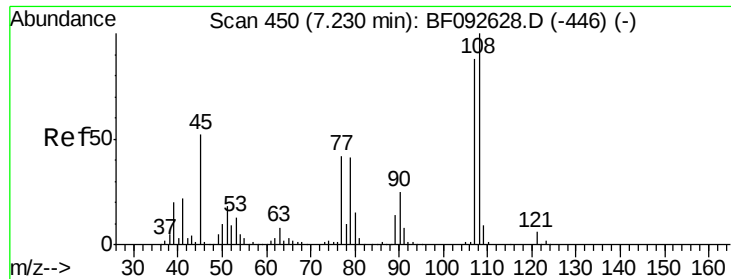
Ion Ratio Lower Upper

45 100

77 17.7 0.0 34.6

79 15.6 0.0 31.2

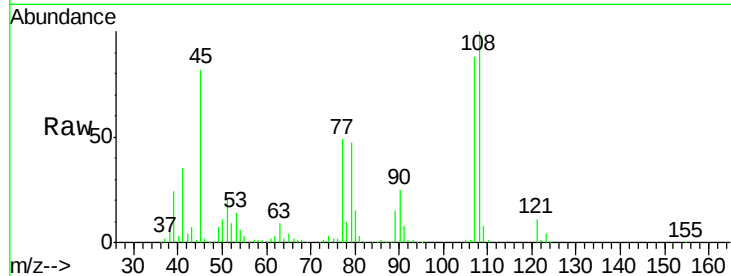




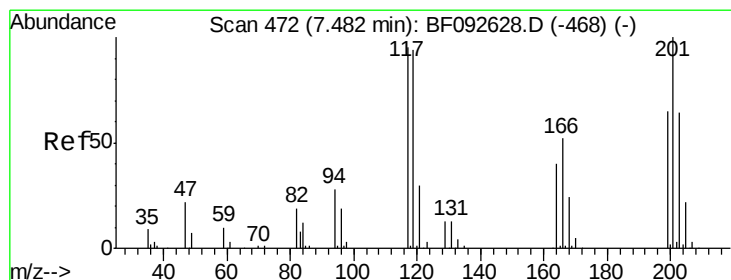
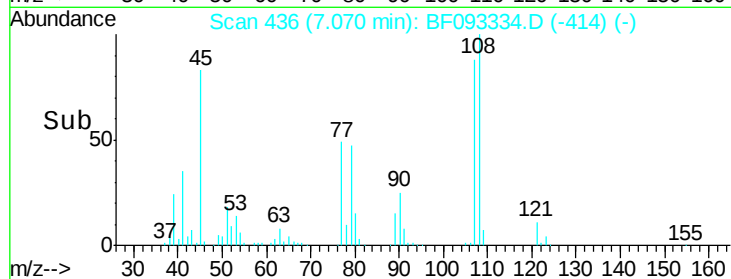
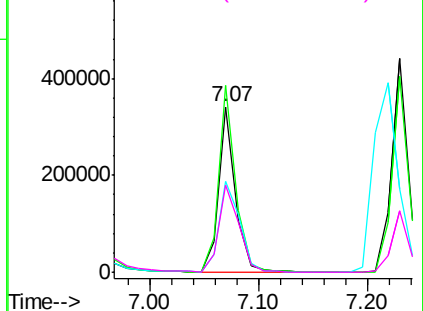
#17
2-Methylphenol
Concen: 42.88 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tgt Ion:107 Resp: 363729
Ion Ratio Lower Upper
107 100
108 113.4 93.0 139.6
77 55.4 39.8 59.8
79 52.7 38.0 57.0

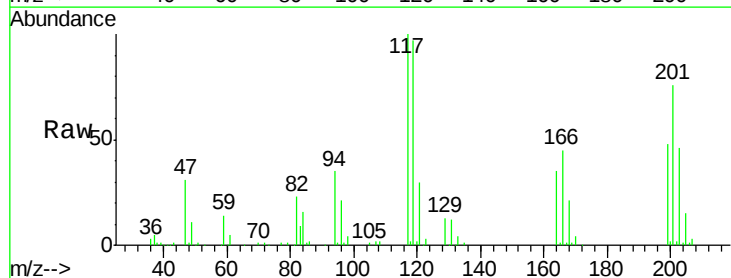


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

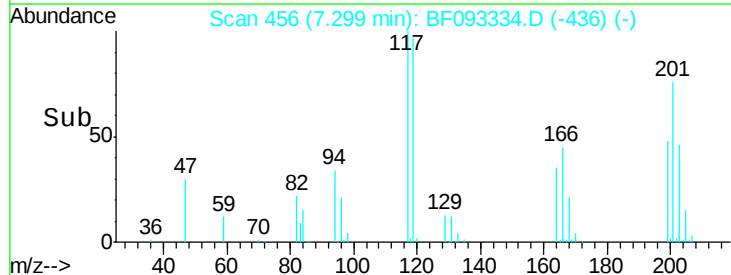
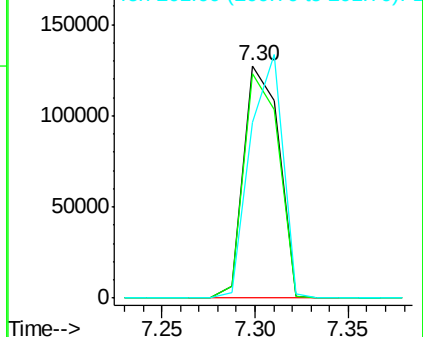


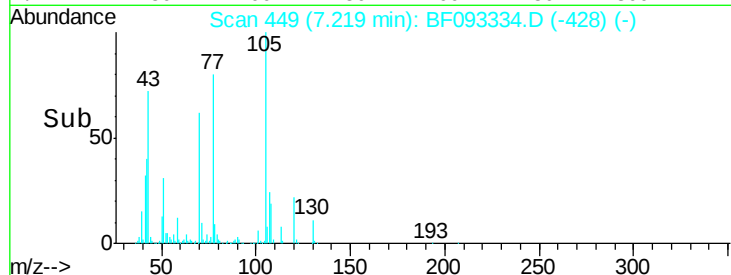
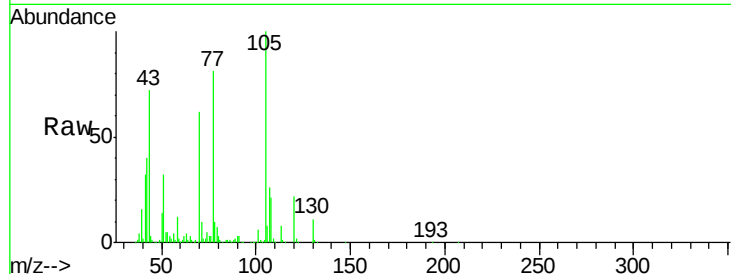
#18
Hexachloroethane
Concen: 41.75 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.07 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion:117 Resp: 167035
Ion Ratio Lower Upper
117 100
119 96.9 78.1 117.1
201 75.7 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

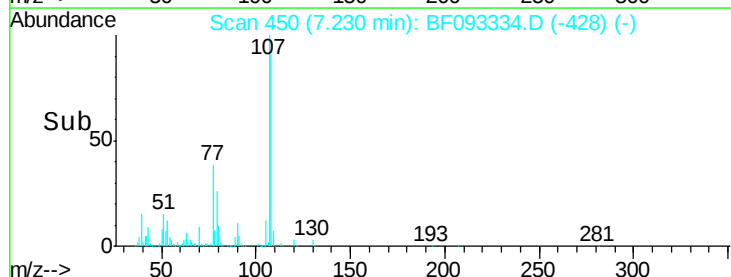
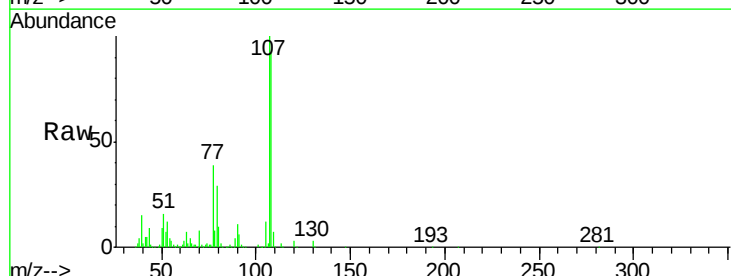
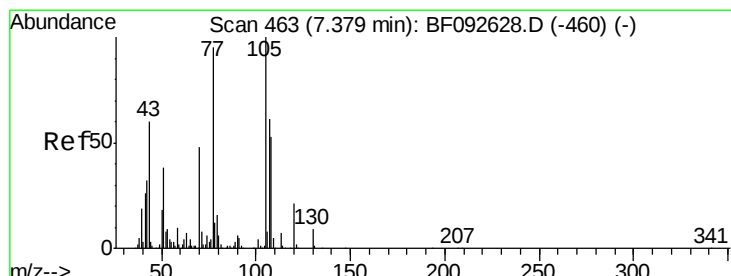
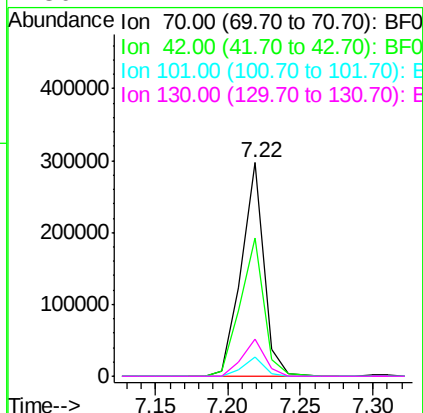




#19
n-Nitroso-di-n-propylamine
Concen: 44.11 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

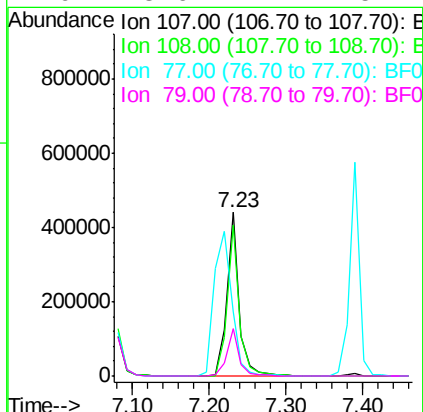
Instrument :
BNA_F
ClientSampleId :
PB97296BS

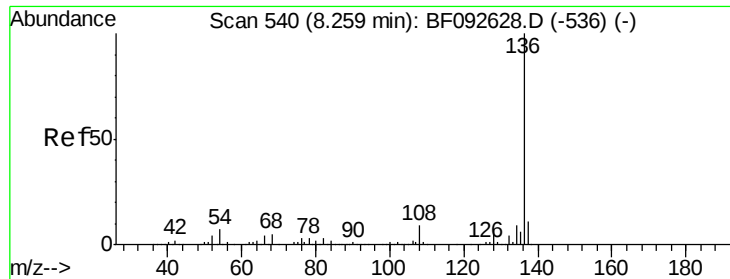
Tgt Ion:	70	Resp:	323777
Ion	Ratio	Lower	Upper
70	100		
42	64.6	49.4	74.0
101	9.0	7.4	11.2
130	17.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 48.86 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion:	107	Resp:	495477
Ion	Ratio	Lower	Upper
107	100		
108	91.9	73.0	113.0
77	39.1	71.3	111.3#
79	28.6	11.1	51.1

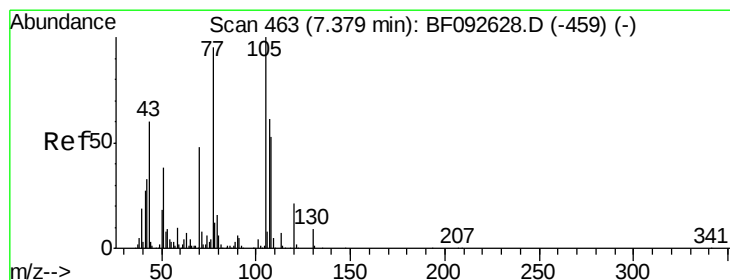
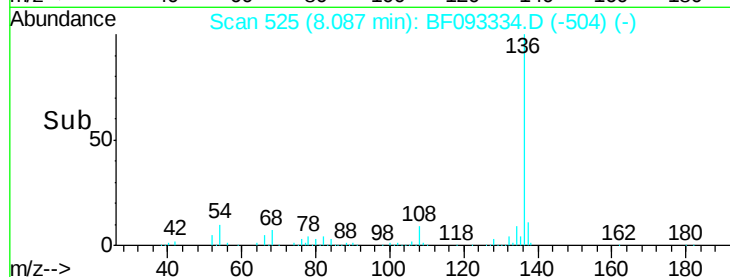
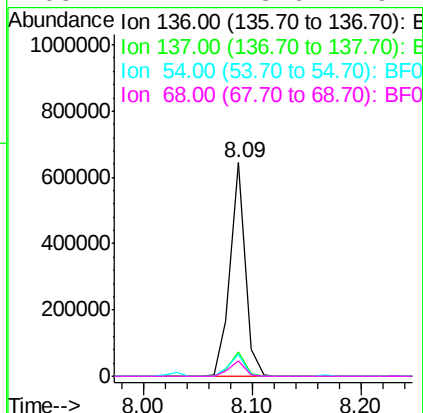
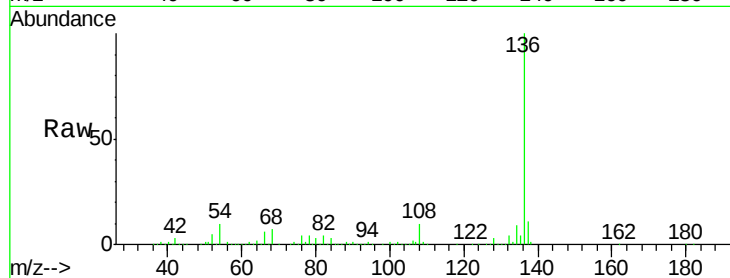




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

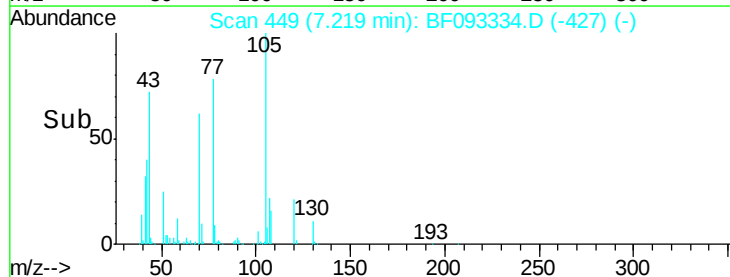
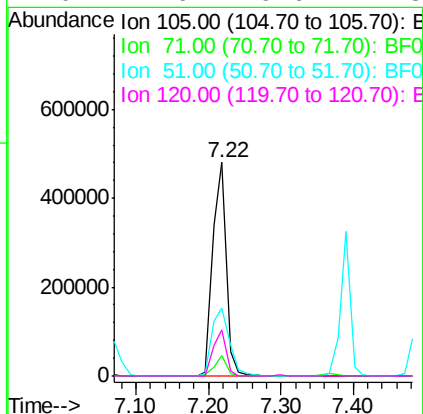
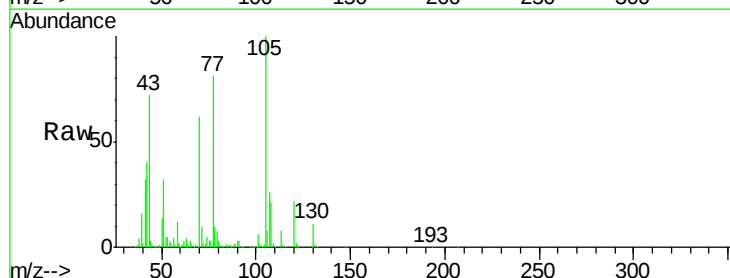
Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tgt Ion:	136	Resp:	617684
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.0	4.5	6.7#
68	7.2	3.6	5.4#



#22
Acetophenone
Concen: 43.73 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion:	105	Resp:	616697
Ion	Ratio	Lower	Upper
105	100		
71	9.8	3.2	4.8#
51	32.0	26.2	39.4
120	21.6	16.6	24.8

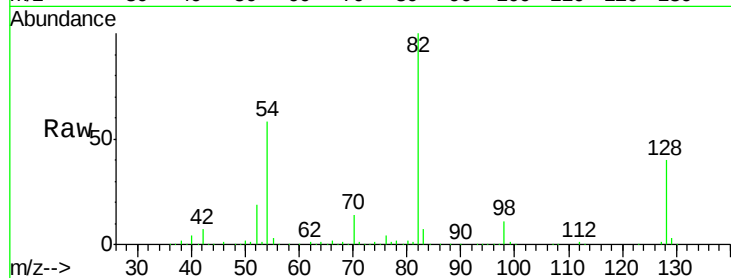




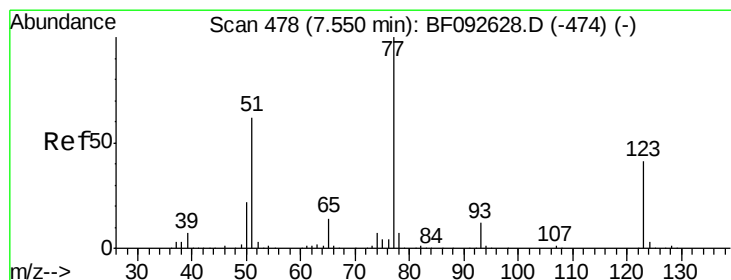
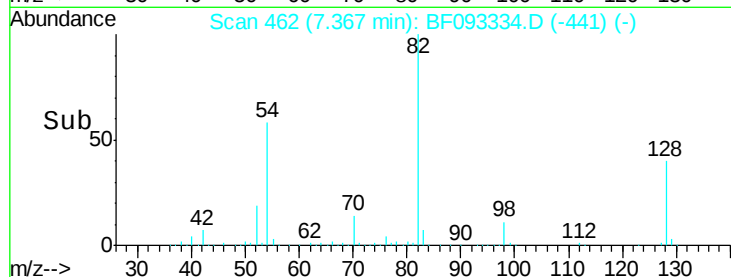
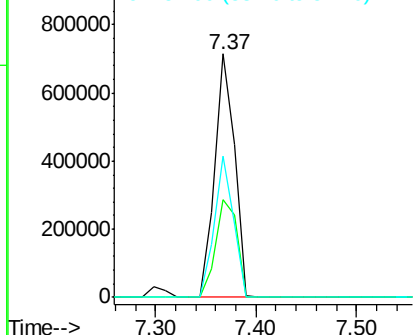
#23
Nitrobenzene-d5
Concen: 88.21 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tgt Ion: 82 Resp: 978428
Ion Ratio Lower Upper
82 100
128 40.4 34.6 52.0
54 58.2 39.5 59.3

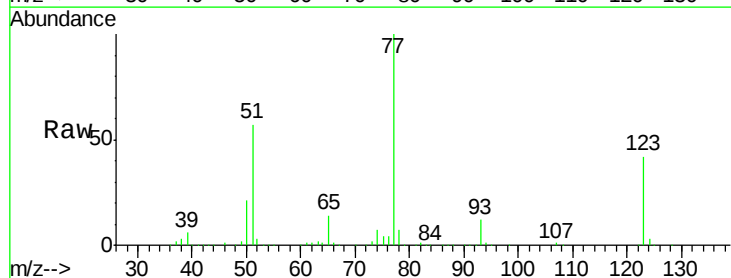


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

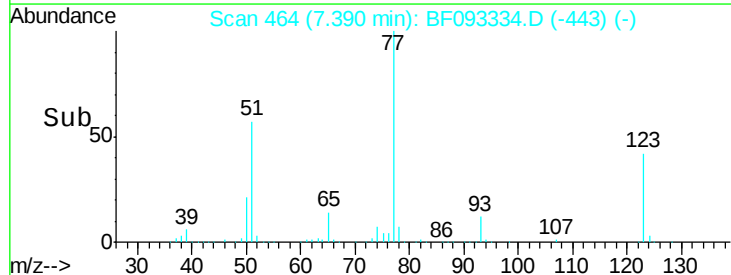
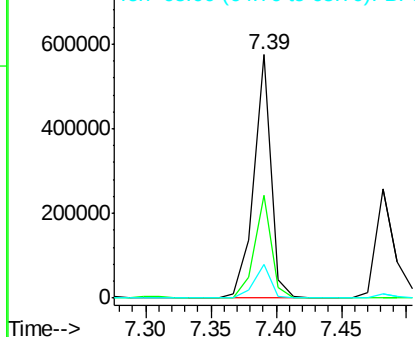


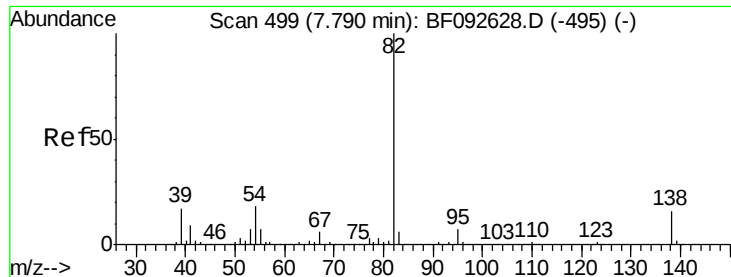
#24
Nitrobenzene
Concen: 46.21 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.06 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion: 77 Resp: 526302
Ion Ratio Lower Upper
77 100
123 42.2 33.0 49.4
65 13.6 11.2 16.8



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





#25

Isophorone

Concen: 44.85 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

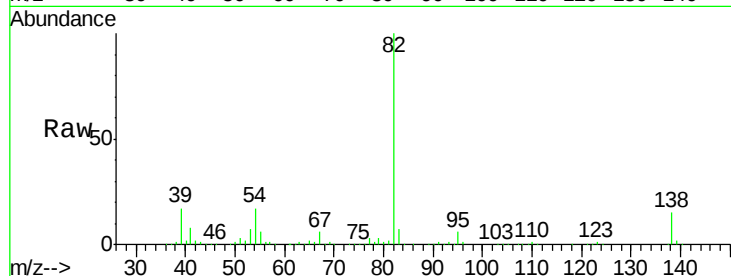
Tgt Ion: 82 Resp: 926974

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

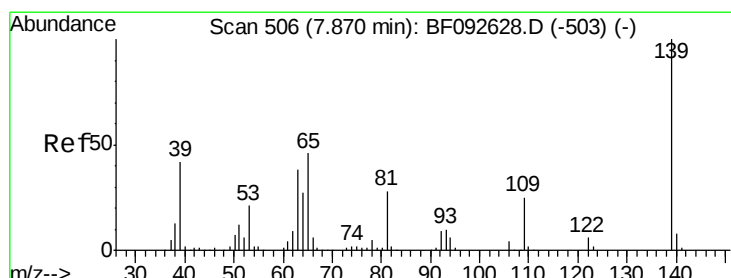
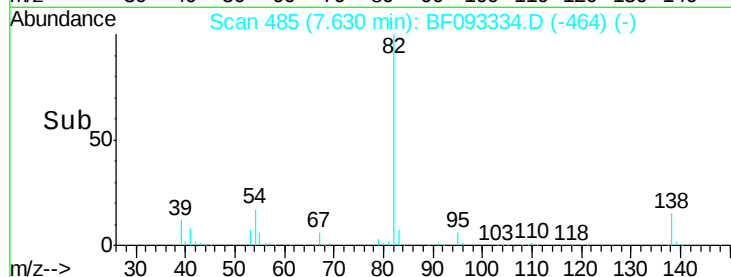
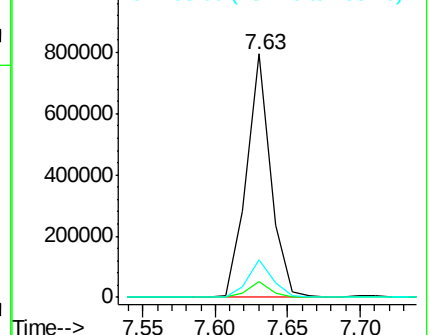
138 15.2 14.6 22.0



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: 47.43 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

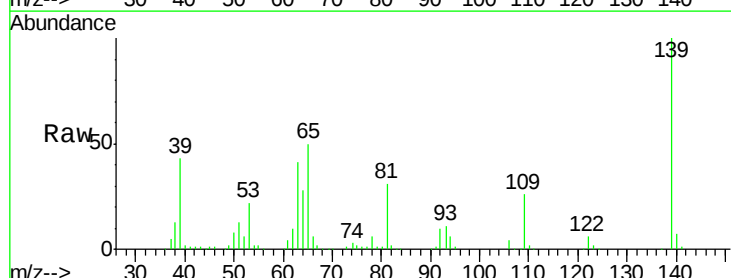
Tgt Ion: 139 Resp: 256816

Ion Ratio Lower Upper

139 100

109 25.6 23.3 34.9

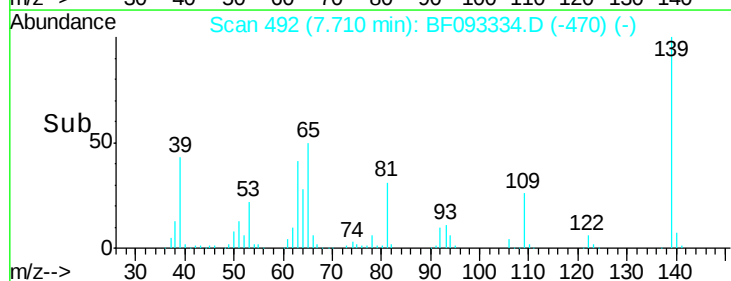
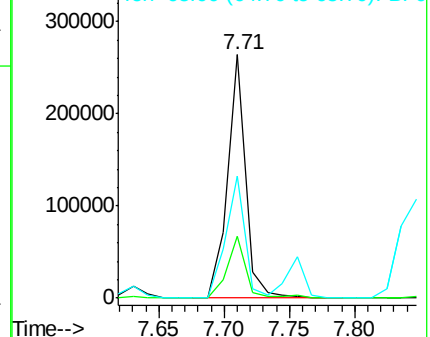
65 50.3 42.7 64.1



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

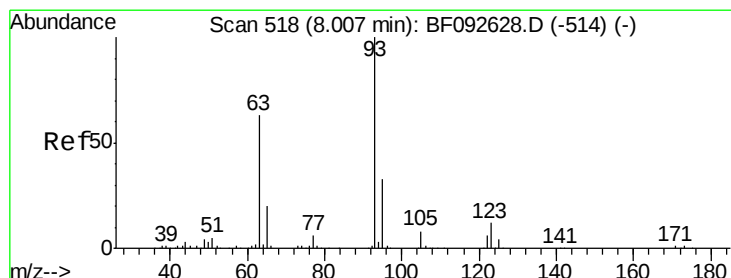
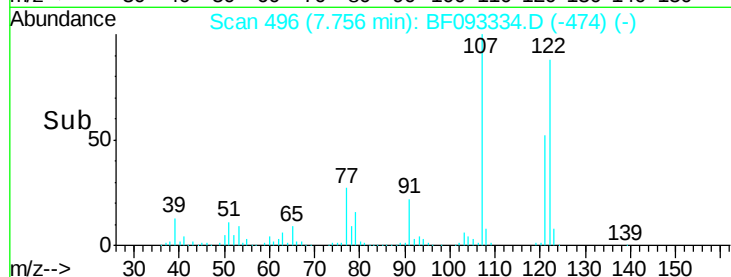
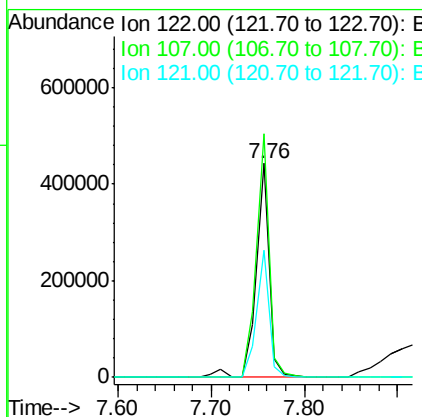
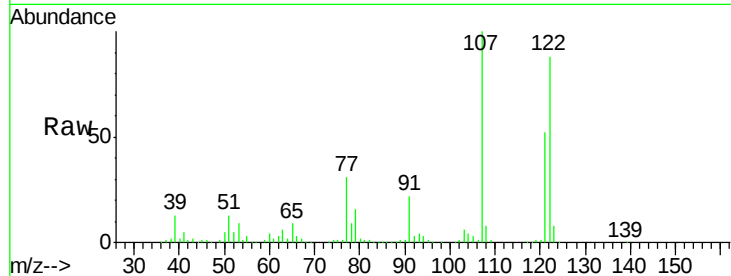




#27
 2,4-Dimethylphenol
 Concen: 45.45 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

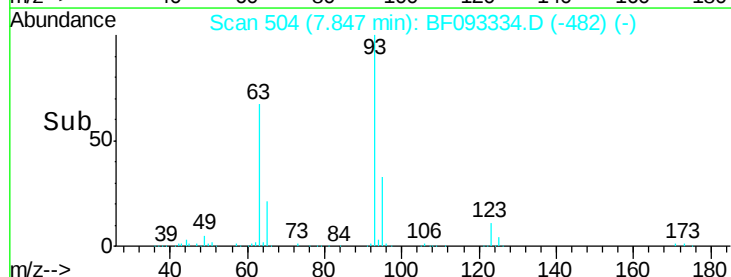
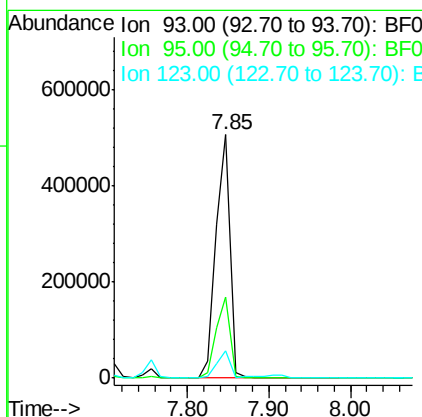
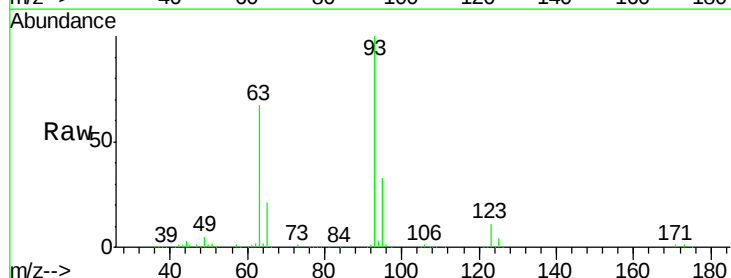
Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

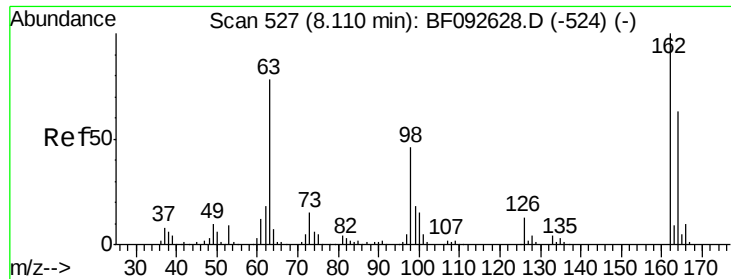
Tgt Ion:122 Resp: 432179
 Ion Ratio Lower Upper
 122 100
 107 113.7 94.1 141.1
 121 59.4 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.28 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion: 93 Resp: 606176
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 11.4 8.6 13.0

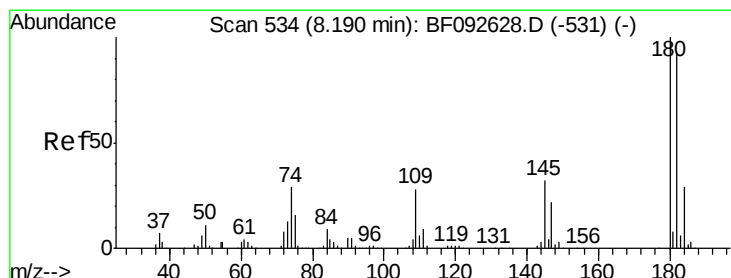
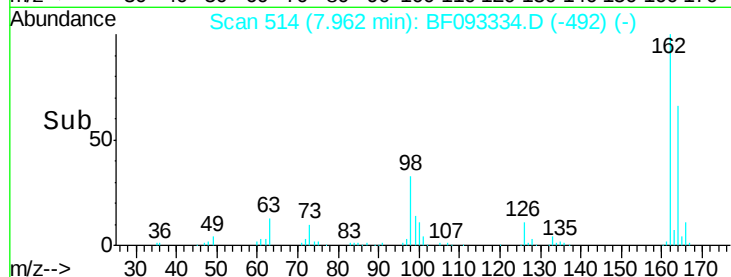
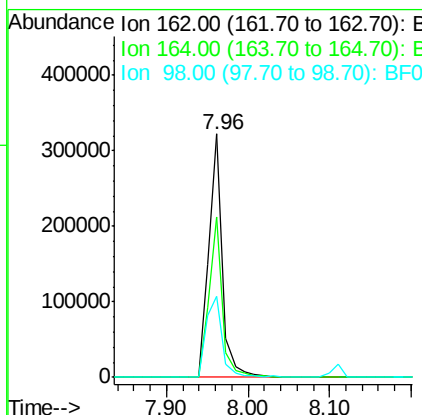
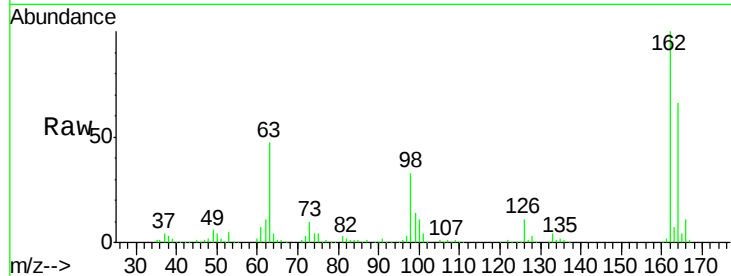




#29
 2,4-Dichlorophenol
 Concen: 42.91 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

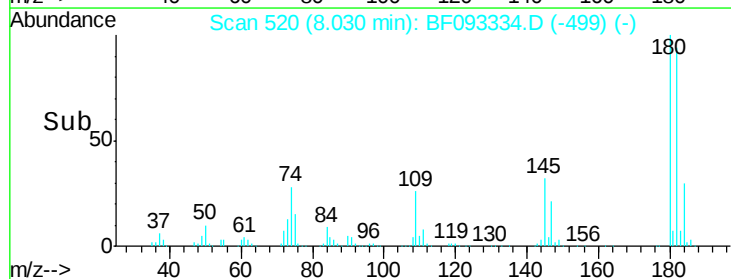
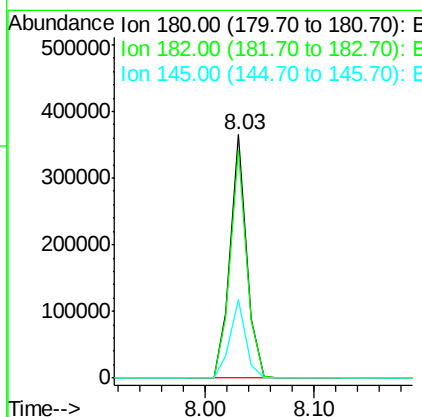
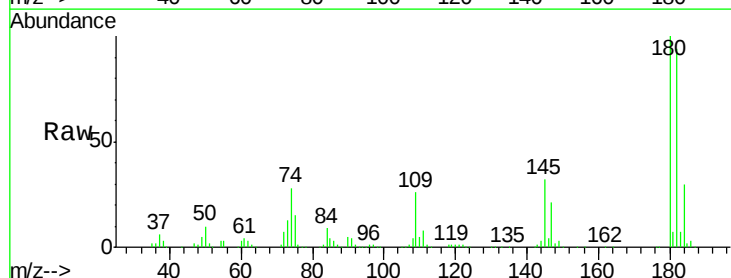
Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

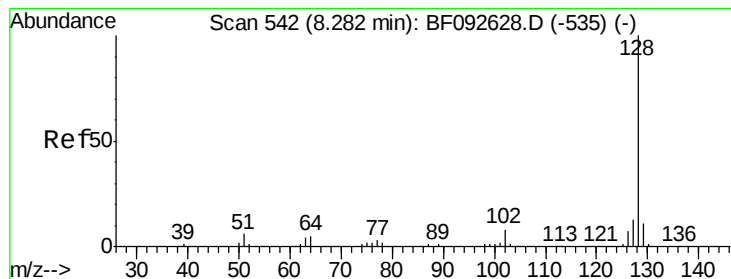
Tgt Ion:162 Resp: 380524
 Ion Ratio Lower Upper
 162 100
 164 65.8 46.8 86.8
 98 33.3 9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.93 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.06 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion:180 Resp: 381563
 Ion Ratio Lower Upper
 180 100
 182 93.8 78.2 117.4
 145 32.3 21.6 32.4





#31

Naphthalene

Concen: 40.09 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

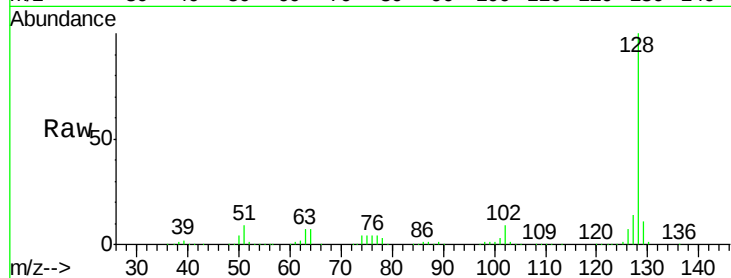
Tgt Ion:128 Resp: 1255295

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

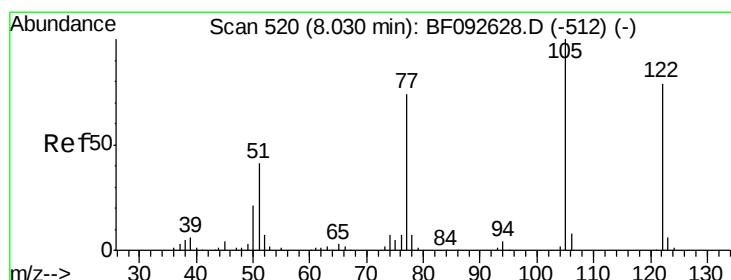
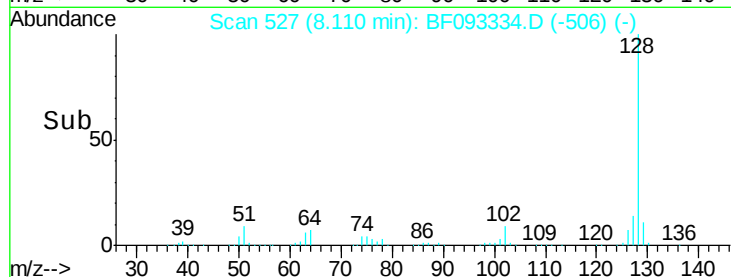
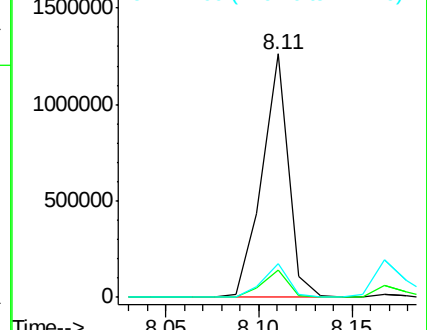
127 13.7 10.8 16.2



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: 35.01 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

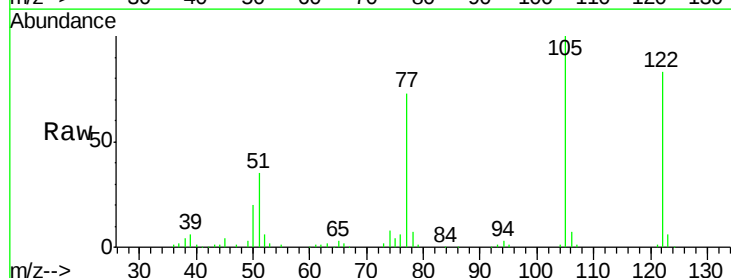
Tgt Ion:122 Resp: 176299

Ion Ratio Lower Upper

122 100

105 120.8 107.2 147.2

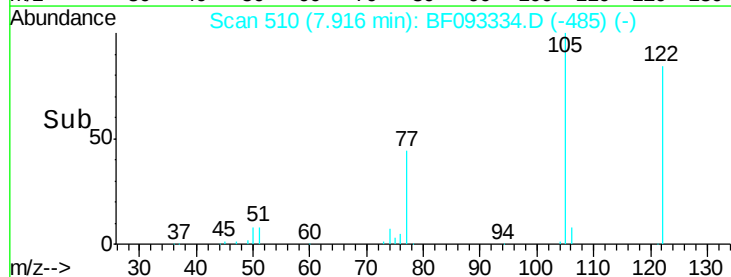
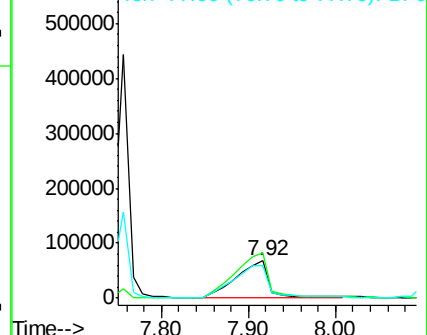
77 88.5 74.5 114.5



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

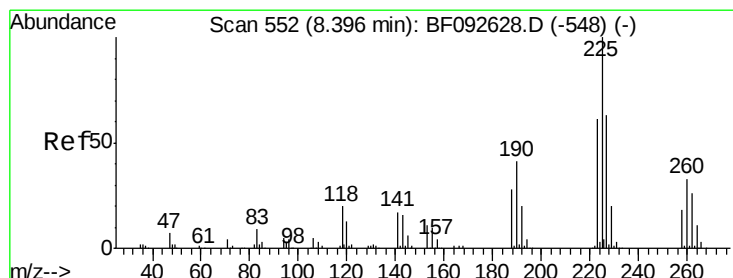
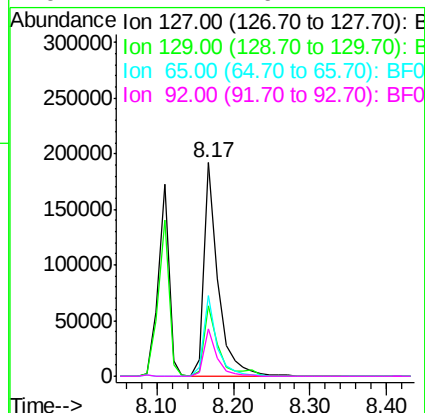
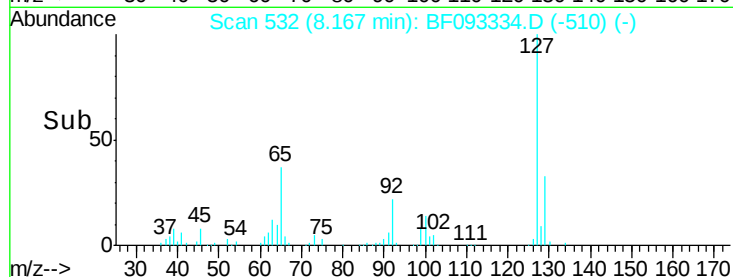
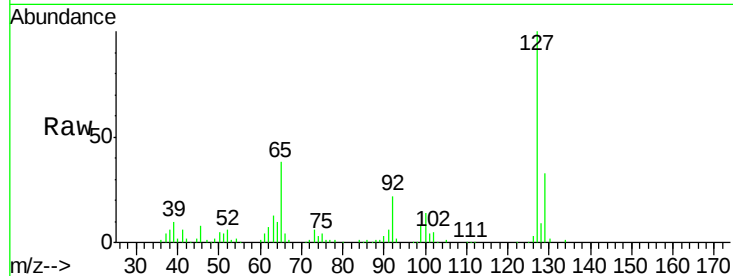




#33
4-Chloroaniline
Concen: 19.94 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

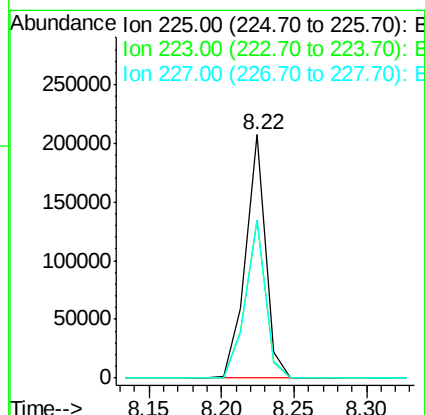
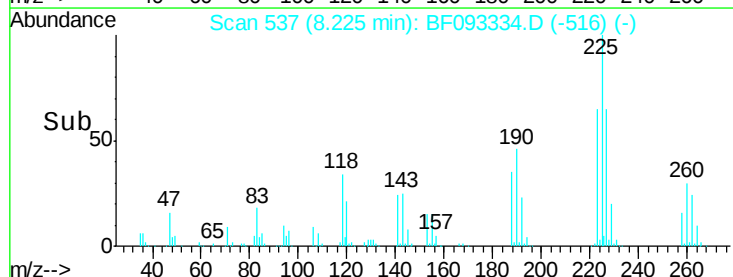
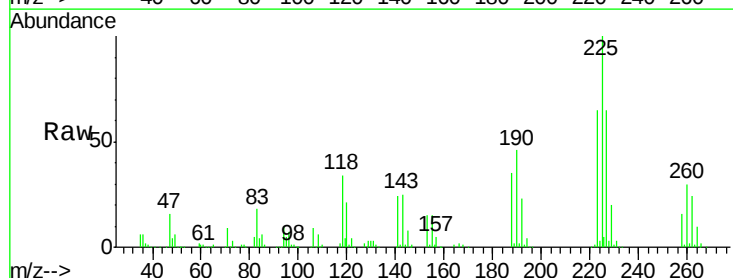
Instrument :
BNA_F
ClientSampleId :
PB97296BS

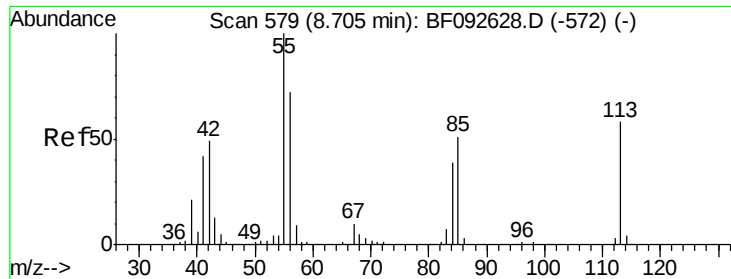
Tgt Ion:	127	Resp:	244919
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	38.0	25.8	38.8
92	22.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.01 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion:	225	Resp:	199847
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.0	76.6
227	64.8	50.6	76.0

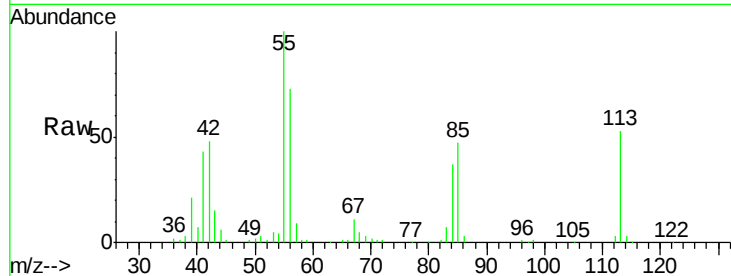




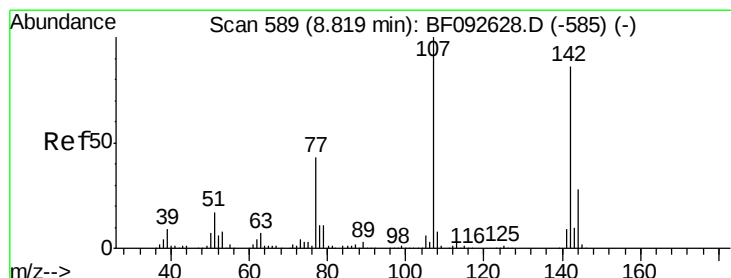
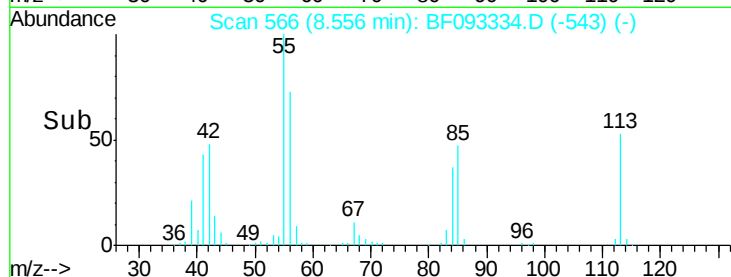
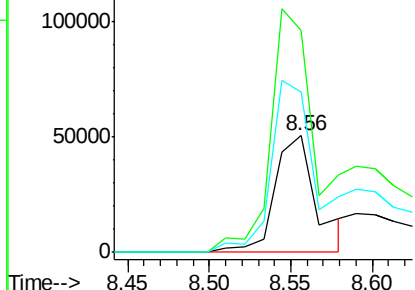
#35
 Caprolactam
 Concen: 32.01 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tgt Ion:113 Resp: 89290
 Ion Ratio Lower Upper
 113 100
 55 189.8 119.2 159.2#
 56 137.8 83.8 123.8#

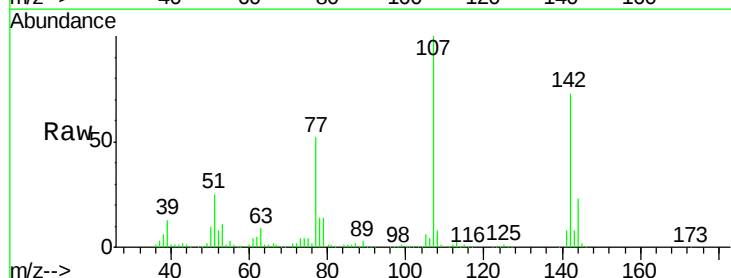


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

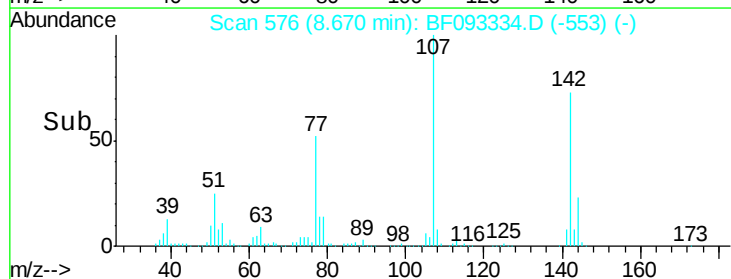
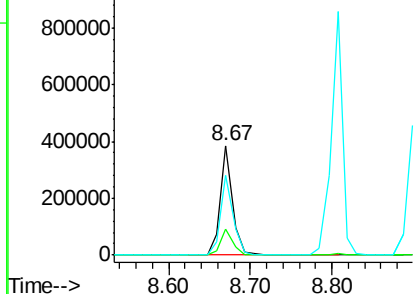


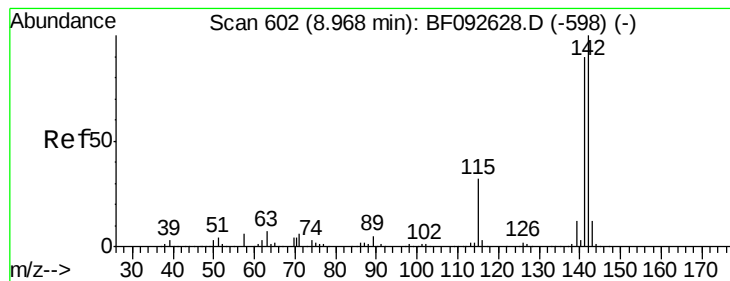
#36
 4-Chloro-3-methylphenol
 Concen: 43.14 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion:107 Resp: 398858
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.3 28.9
 142 73.3 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: 41.86 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

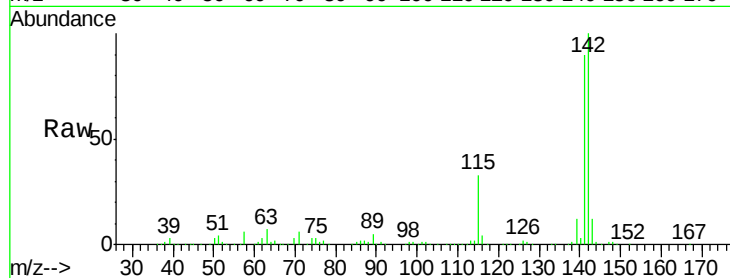
Tgt Ion:142 Resp: 841657

Ion Ratio Lower Upper

142 100

141 90.3 71.0 106.6

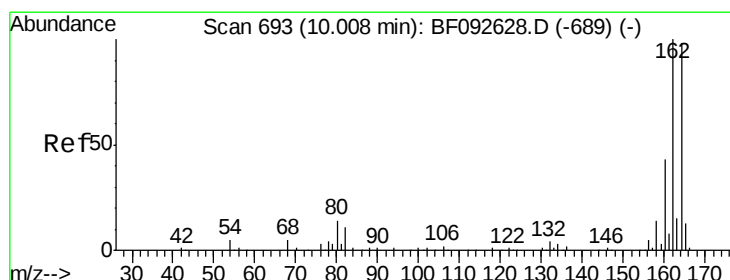
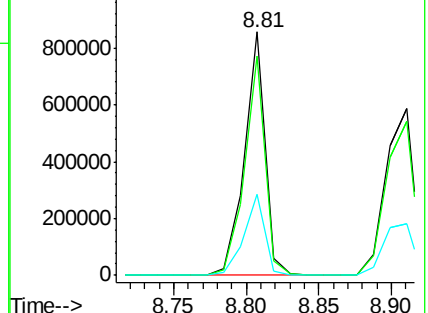
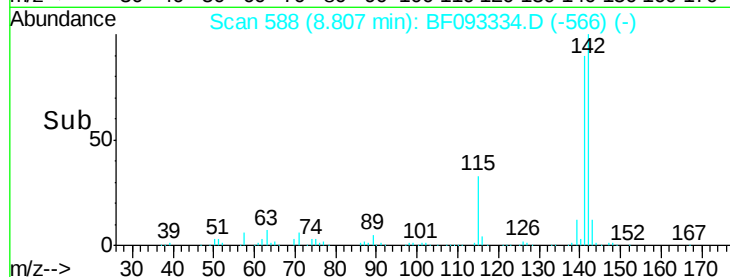
115 33.1 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

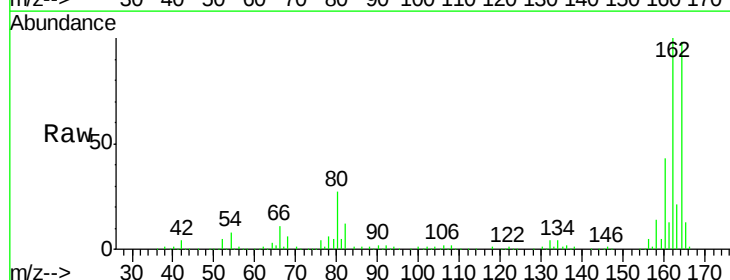
Tgt Ion:164 Resp: 293564

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

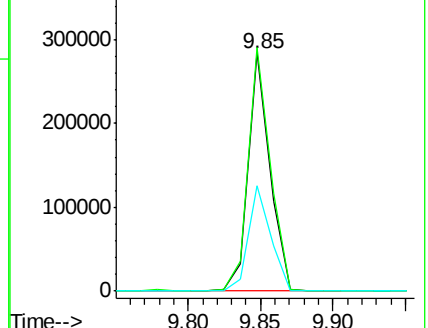
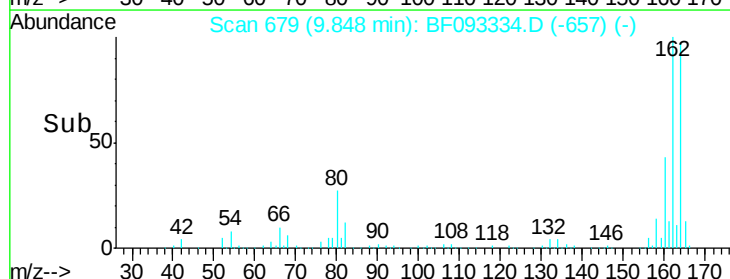
160 44.4 36.9 55.3

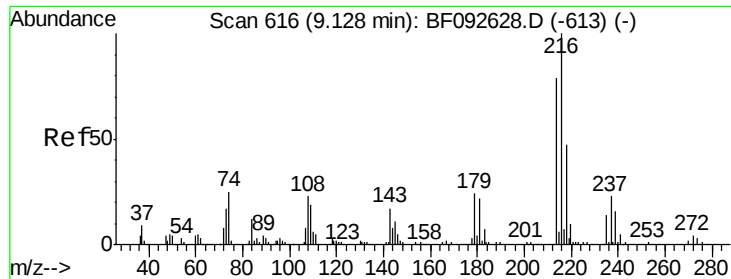


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

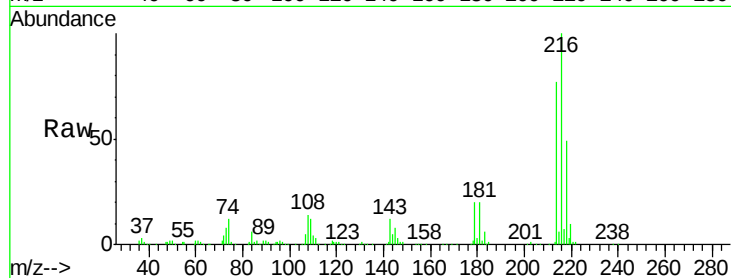




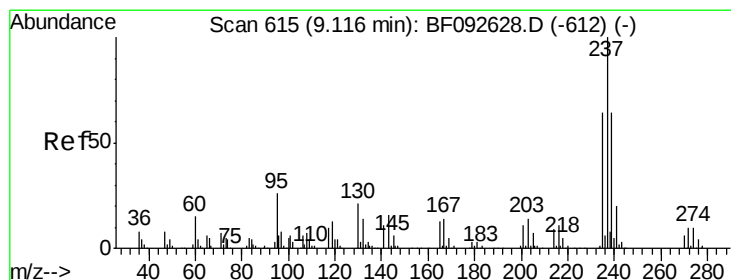
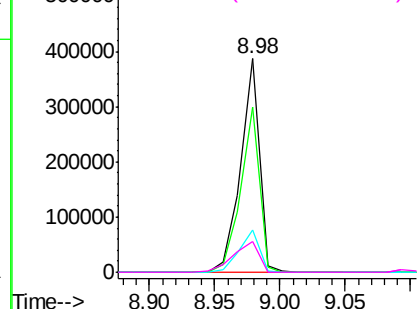
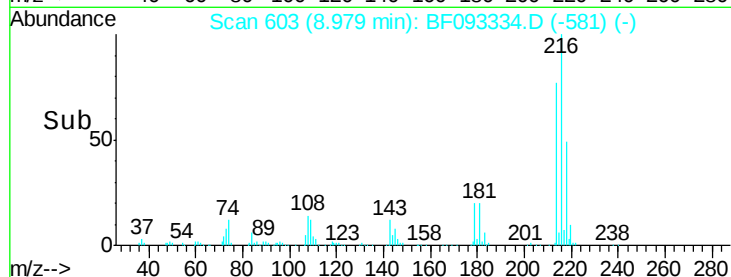
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.63 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tgt Ion:	216	Resp:	384279
Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.4	95.0
179	21.3	17.4	26.2
108	19.7	15.6	23.4

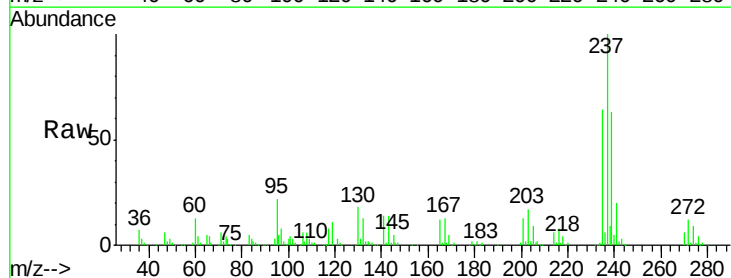


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

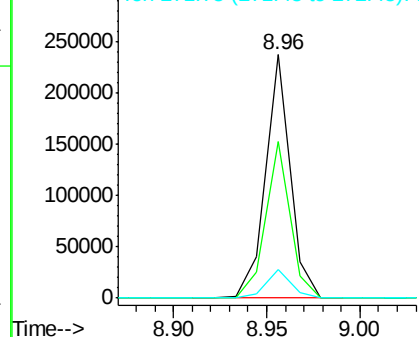
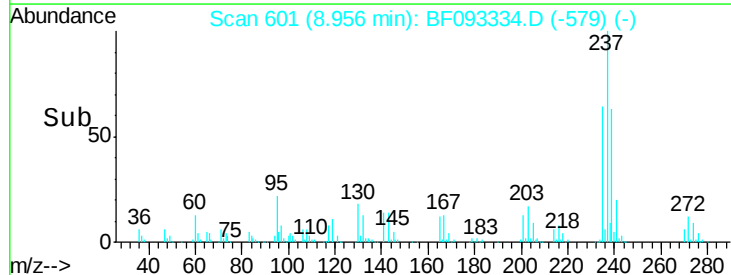


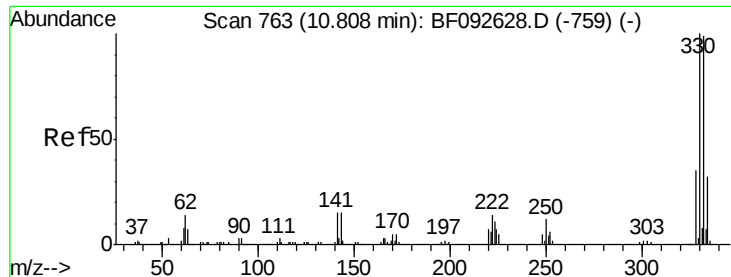
#40
 Hexachlorocyclopentadiene
 Concen: 58.21 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion:	237	Resp:	216432
Ion	Ratio	Lower	Upper
237	100		
235	64.1	41.2	81.2
272	12.0	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

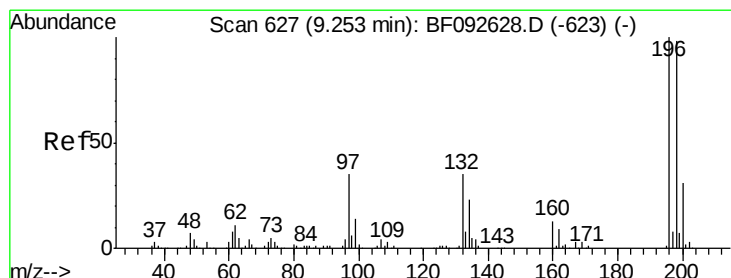
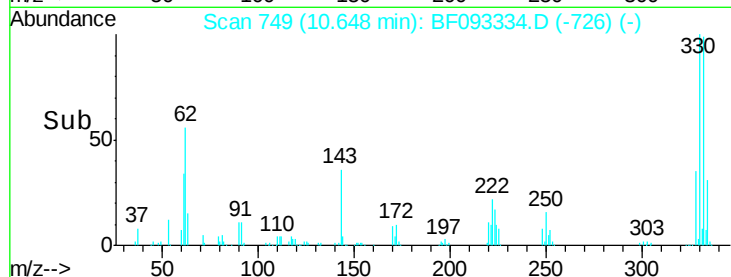
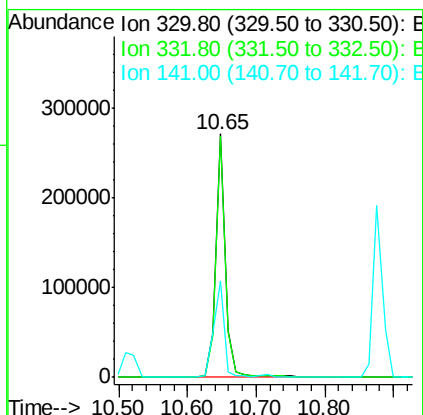
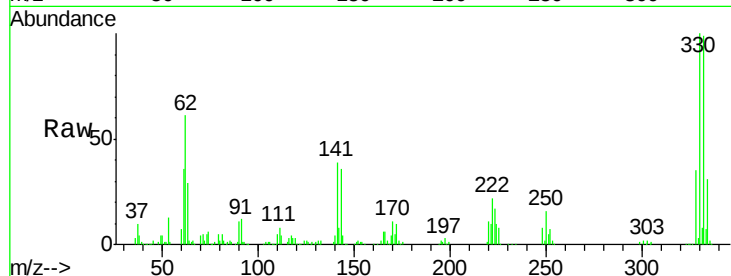




#41
 2,4,6-Tribromophenol
 Concen: 128.84 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

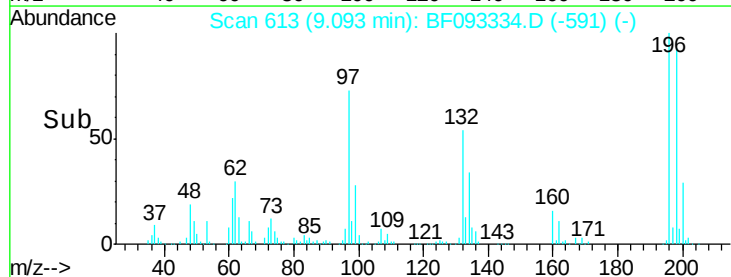
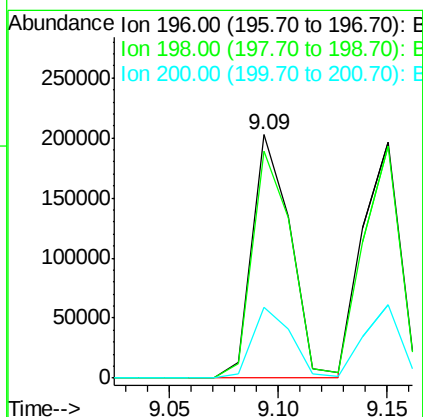
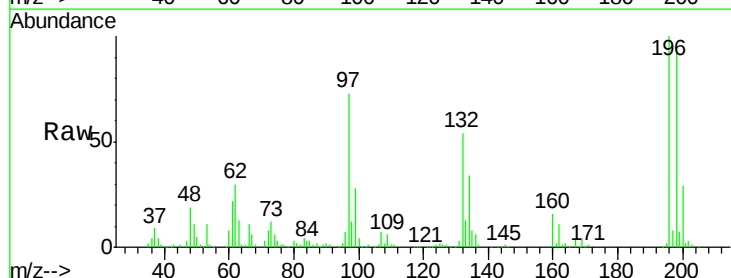
Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

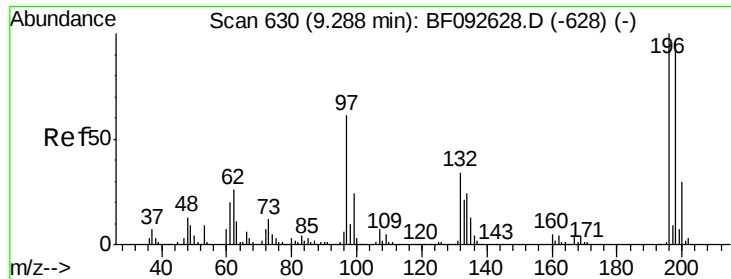
Tgt Ion:330 Resp: 273548
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.4 116.2
 141 42.6 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 46.15 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion:196 Resp: 249890
 Ion Ratio Lower Upper
 196 100
 198 93.1 82.1 123.1
 200 28.9 27.0 40.4

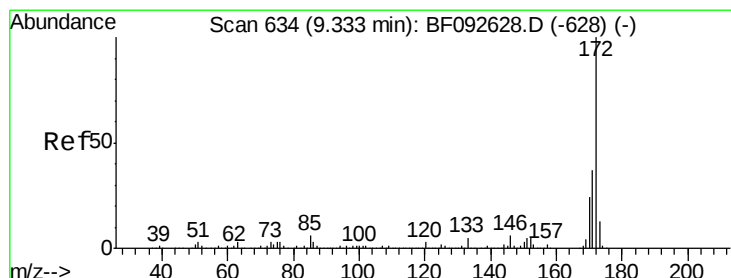
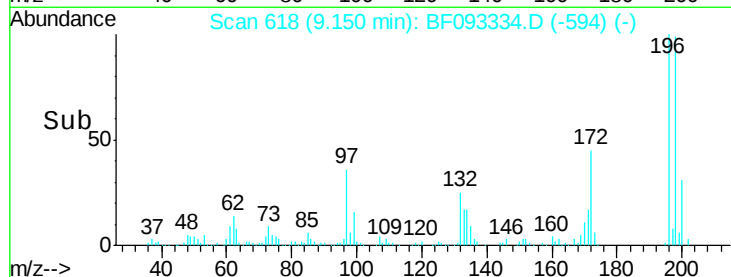
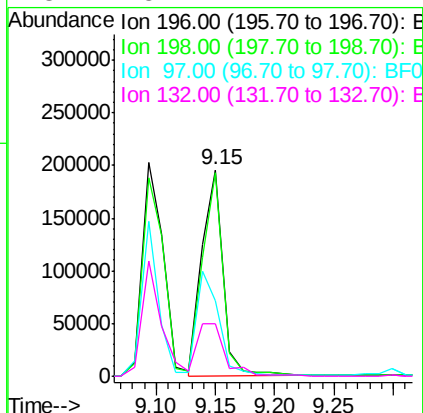
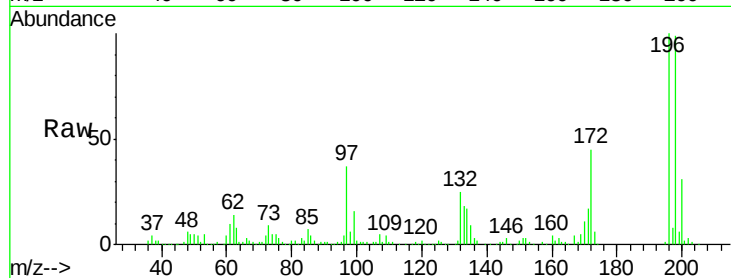




#43
 2,4,5-Trichlorophenol
 Concen: 41.20 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

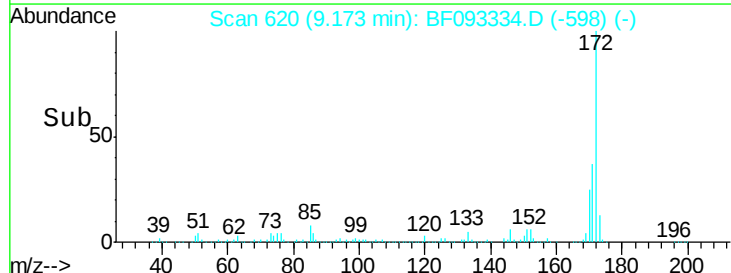
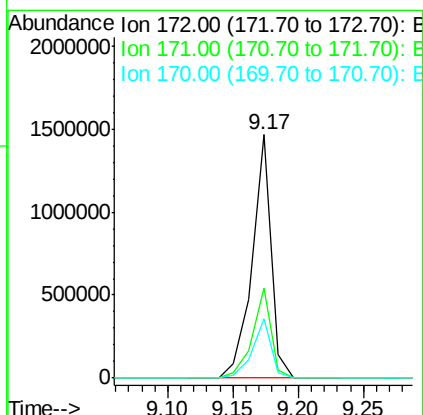
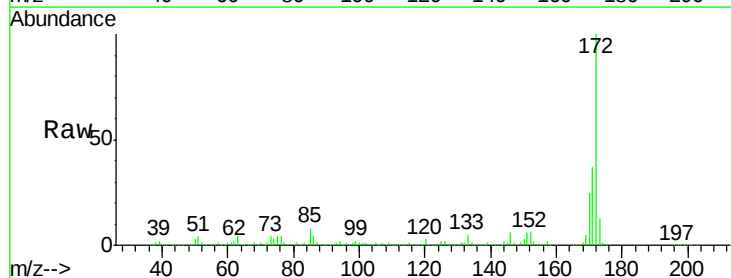
Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

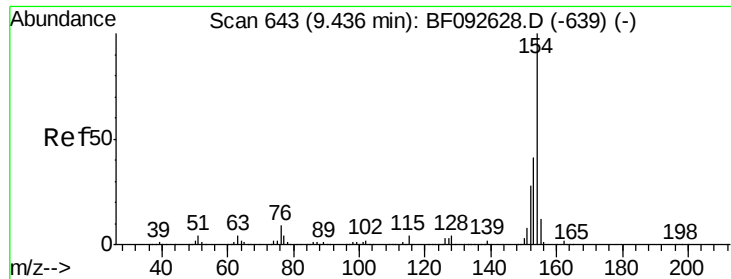
Tgt Ion:196 Resp: 244445
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.4 119.2
 97 36.8 51.5 77.3#
 132 25.2 27.4 41.2#



#44
 2-Fluorobiphenyl
 Concen: 91.95 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion:172 Resp: 1490031
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.6 20.2 30.4

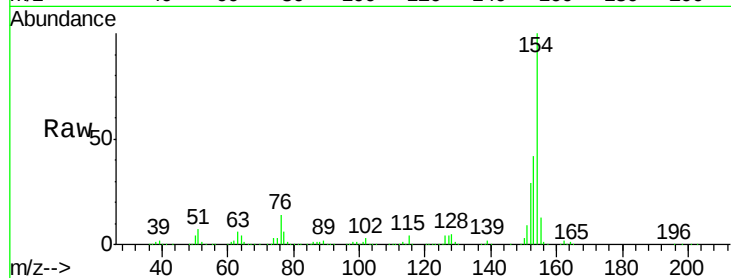




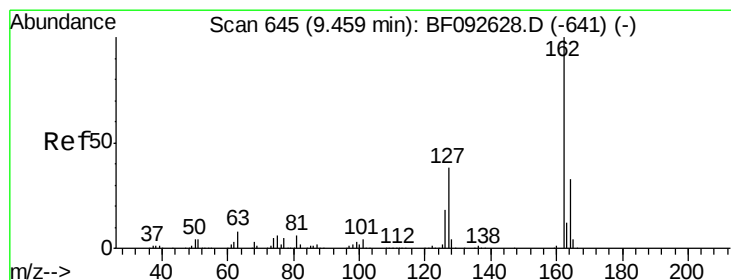
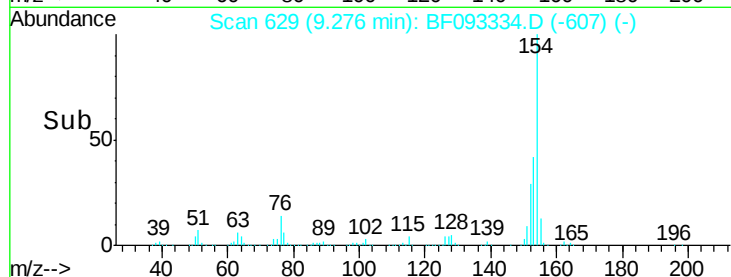
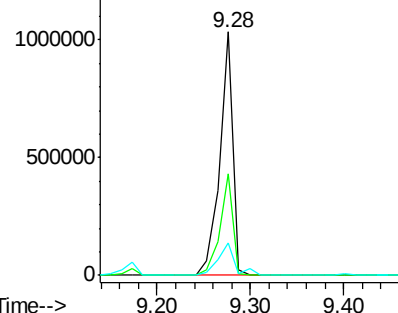
#45
 1,1'-Biphenyl
 Concen: 47.97 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tgt Ion:154 Resp: 1019627
 Ion Ratio Lower Upper
 154 100
 153 41.7 20.9 60.9
 76 13.5 0.0 30.5

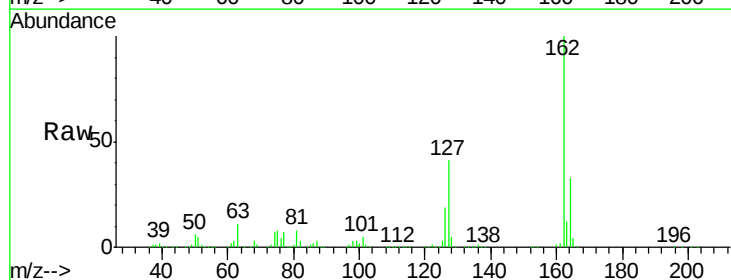


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

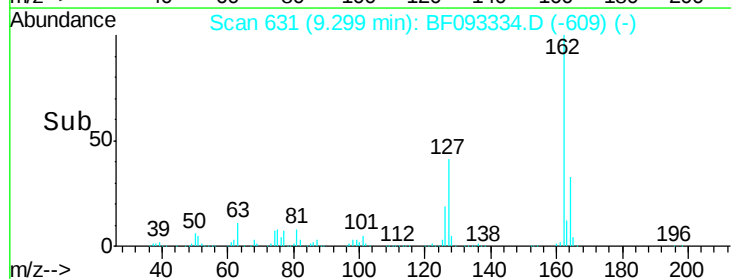
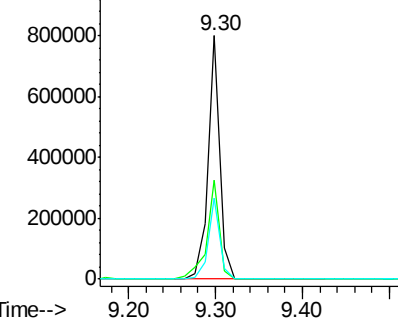


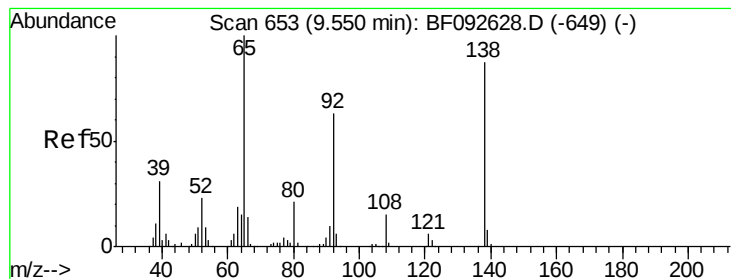
#46
 2-Chloronaphthalene
 Concen: 45.96 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion:162 Resp: 764293
 Ion Ratio Lower Upper
 162 100
 127 40.8 30.7 46.1
 164 33.2 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: 47.16 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

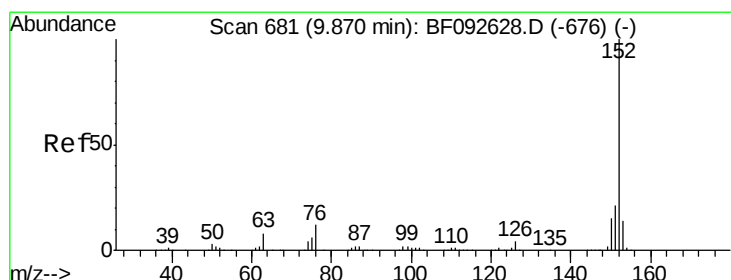
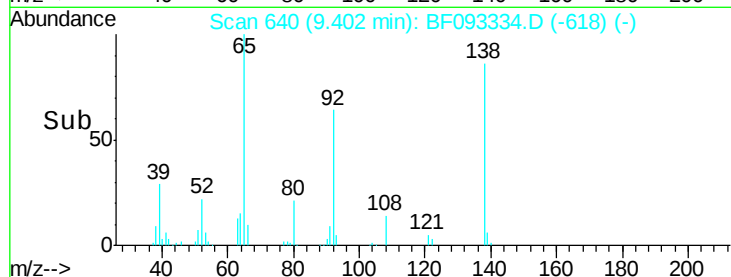
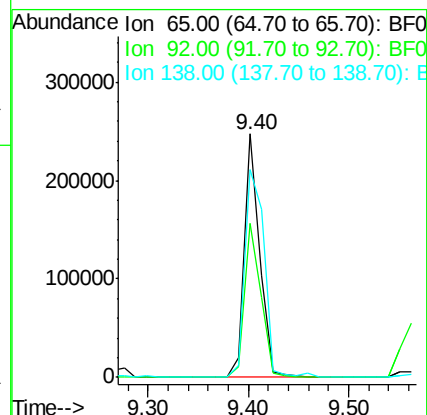
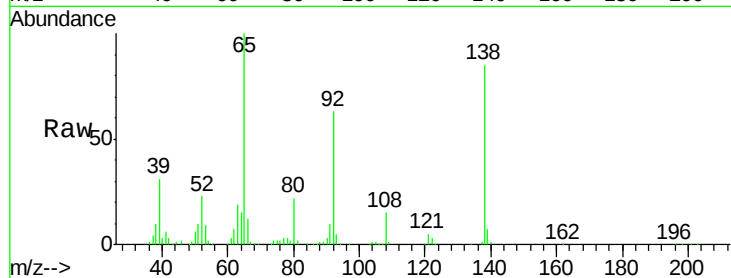
Tgt Ion: 65 Resp: 263675

Ion Ratio Lower Upper

65 100

92 63.4 53.9 80.9

138 85.4 76.8 115.2



#48

Acenaphthylene

Concen: 40.14 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

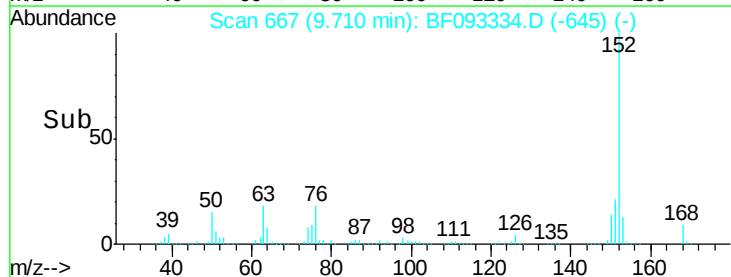
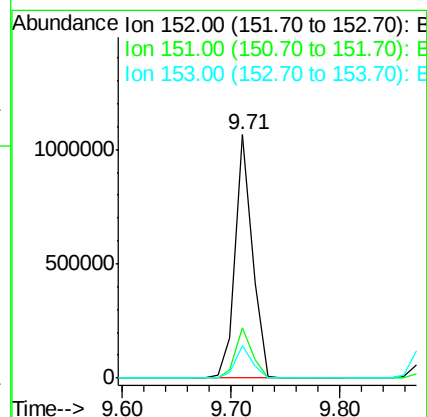
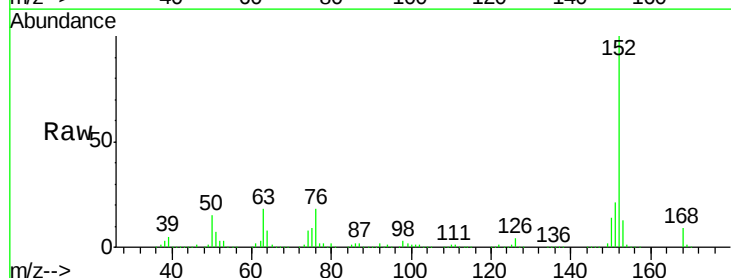
Tgt Ion: 152 Resp: 1153191

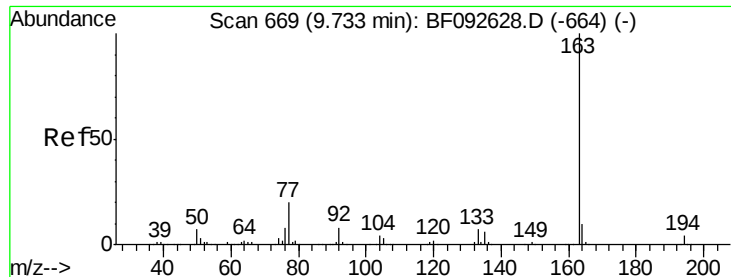
Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 13.4 11.4 17.2

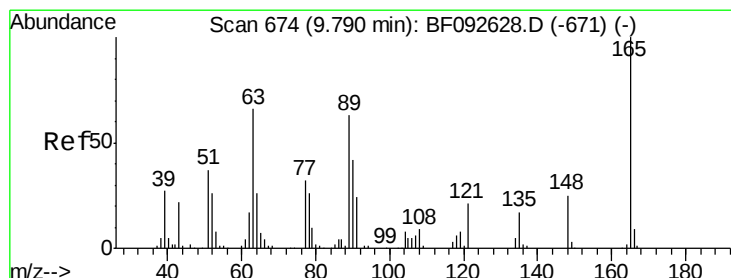
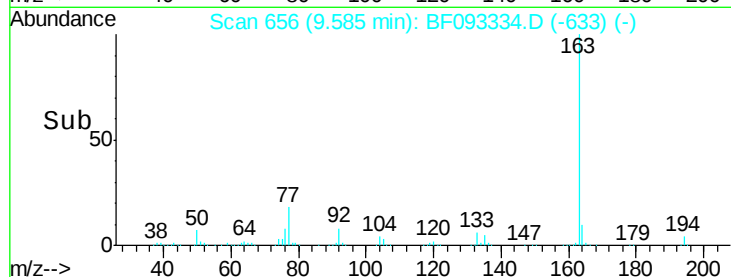
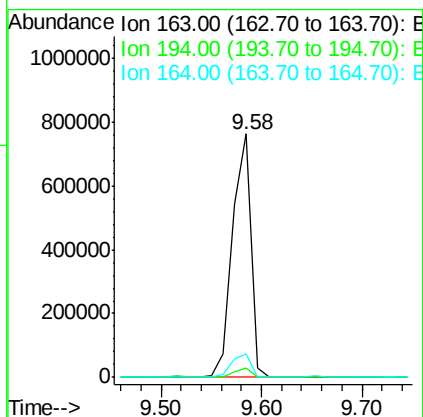
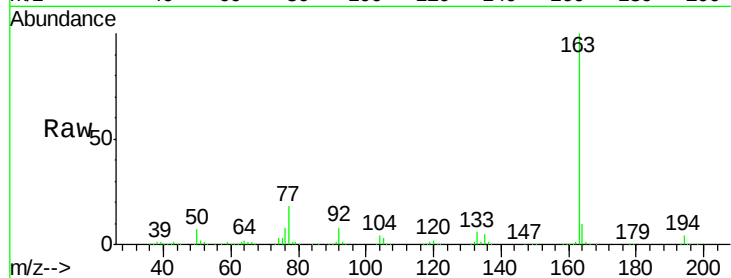




#49
Dimethylphthalate
Concen: 49.14 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

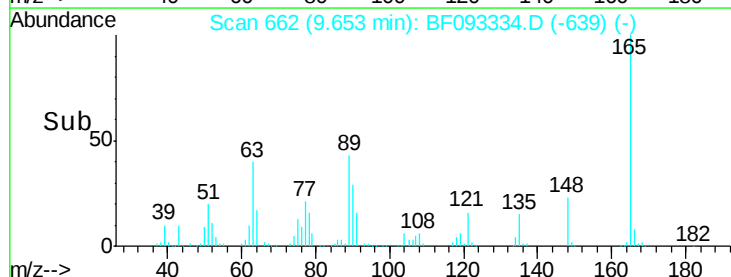
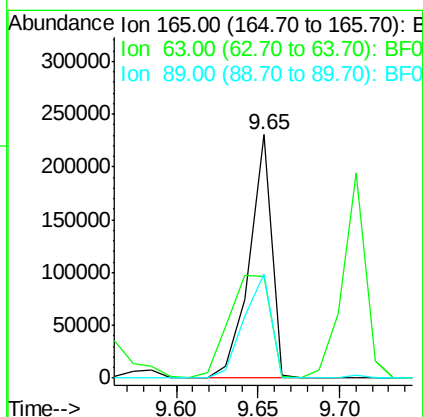
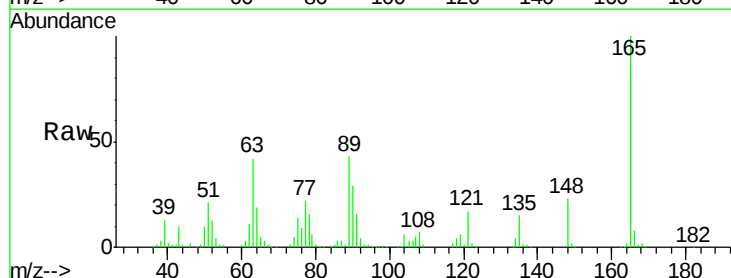
Instrument :
BNA_F
ClientSampleId :
PB97296BS

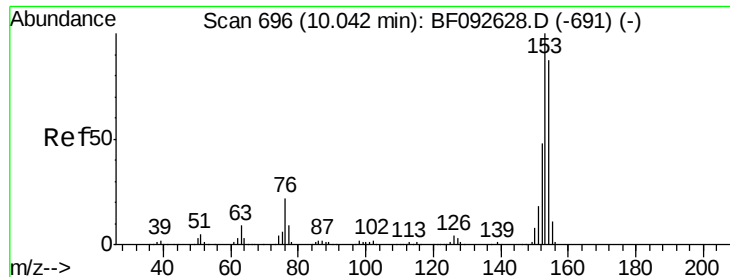
Tgt Ion:163 Resp: 971740
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.9 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 51.27 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion:165 Resp: 218937
Ion Ratio Lower Upper
165 100
63 41.6 36.2 54.4
89 42.9 40.2 60.4





#51

Acenaphthene

Concen: 39.23 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

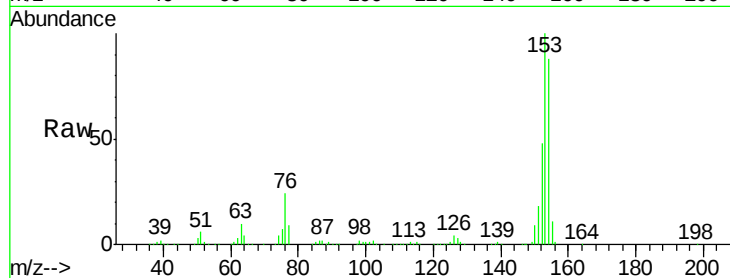
Tgt Ion:154 Resp: 673759

Ion Ratio Lower Upper

154 100

153 114.2 88.6 133.0

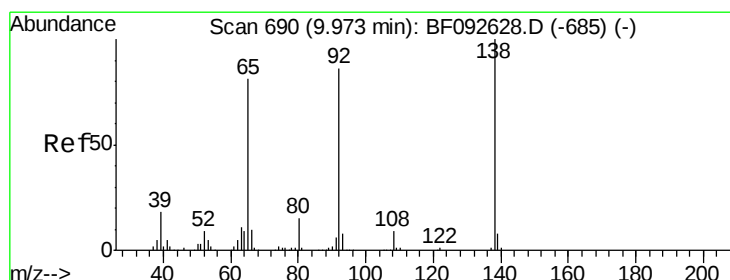
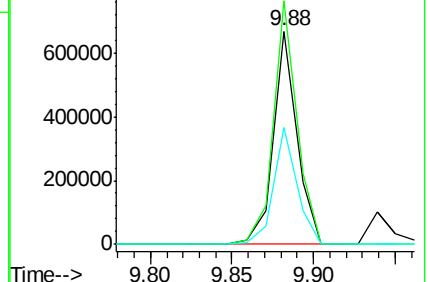
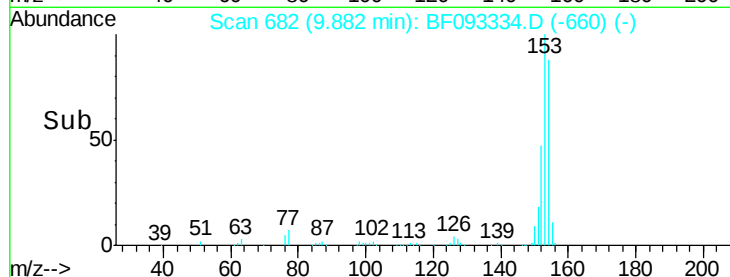
152 54.7 41.6 62.4



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: 27.19 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

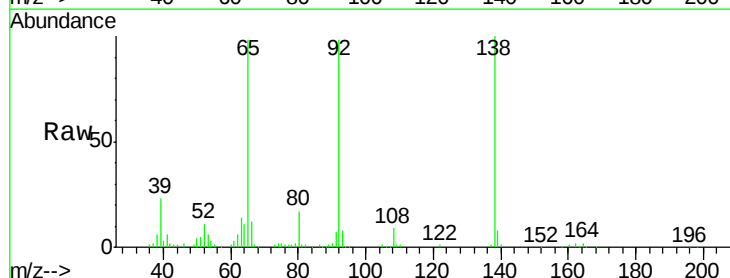
Tgt Ion:138 Resp: 132867

Ion Ratio Lower Upper

138 100

108 9.4 8.5 12.7

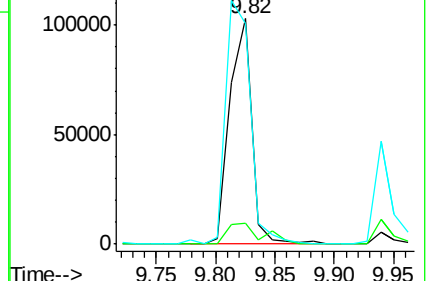
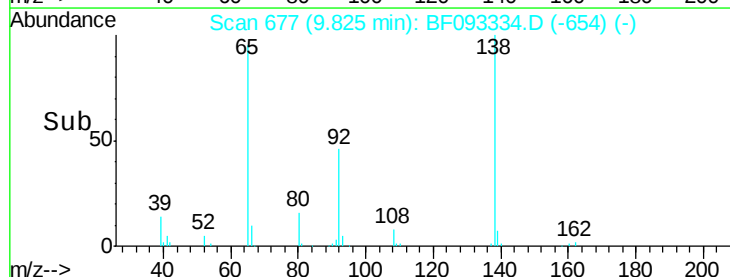
92 98.1 97.8 146.8

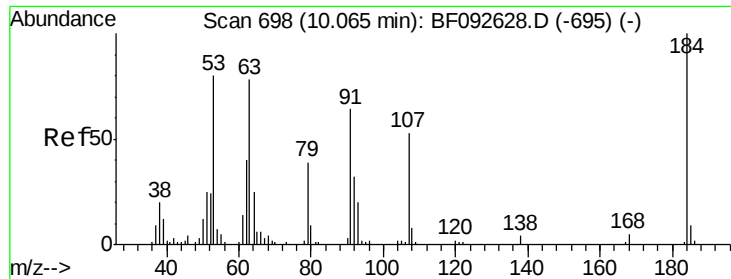


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

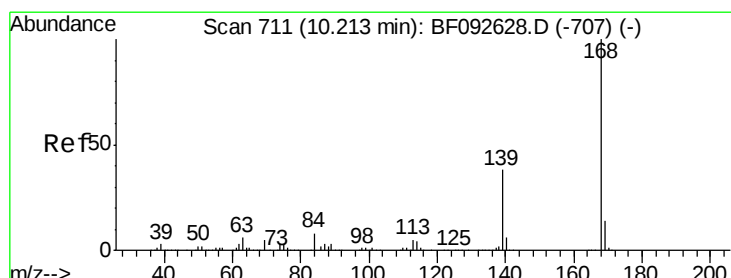
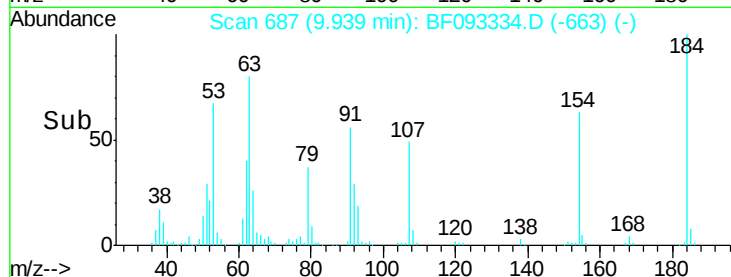
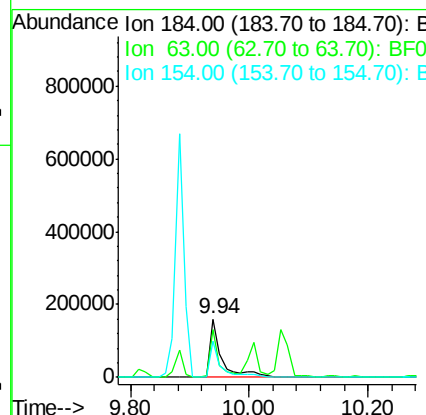
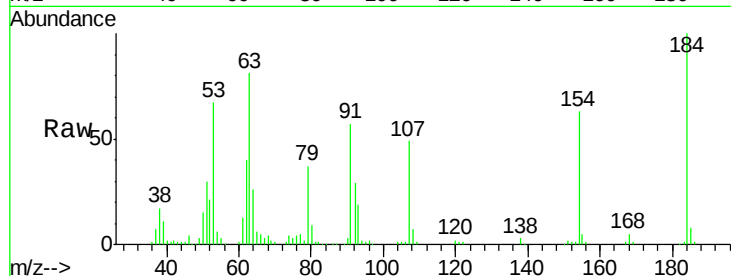




#53
 2,4-Dinitrophenol
 Concen: 104.19 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

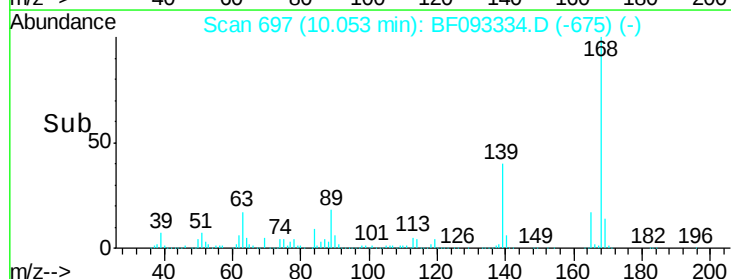
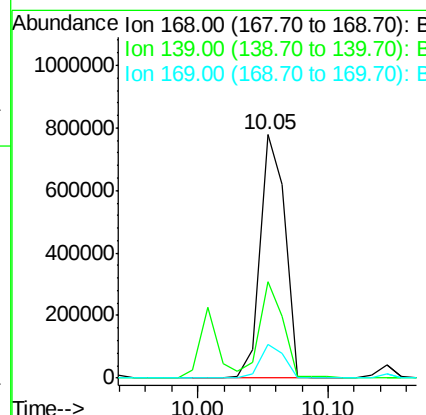
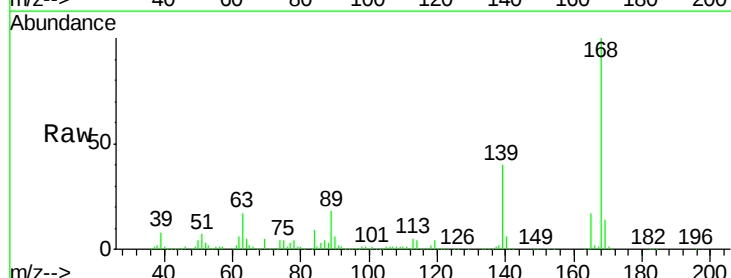
Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

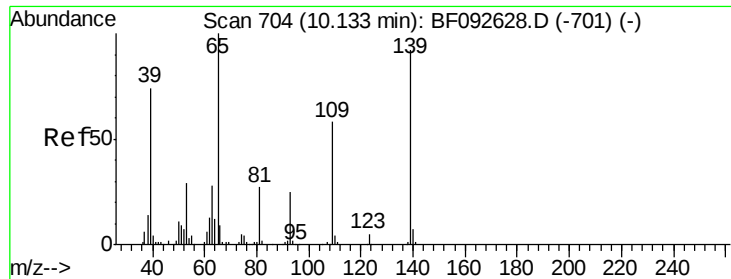
Tgt Ion:184 Resp: 229631
 Ion Ratio Lower Upper
 184 100
 63 81.1 28.4 42.6#
 154 62.7 44.3 66.5



#54
 Dibenzofuran
 Concen: 44.67 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion:168 Resp: 1026088
 Ion Ratio Lower Upper
 168 100
 139 39.9 32.6 49.0
 169 13.8 11.3 16.9





#55

4-Nitrophenol

Concen: 62.65 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

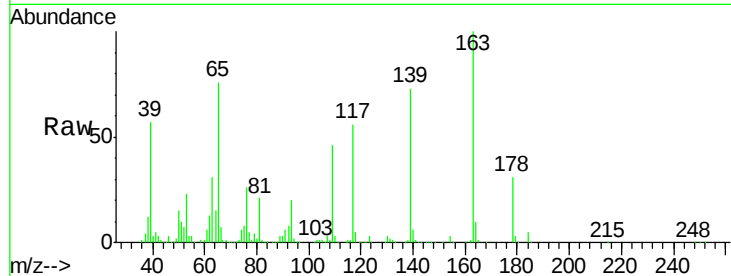
Tgt Ion:139 Resp: 220515

Ion Ratio Lower Upper

139 100

109 63.6 52.2 92.2

65 104.4 85.8 125.8

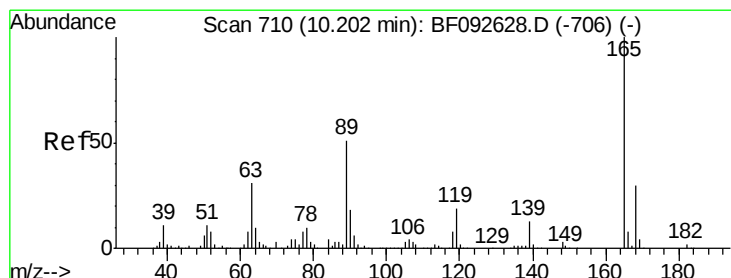
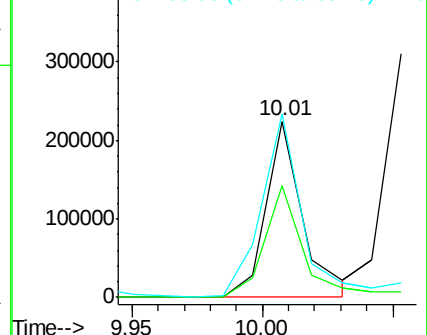
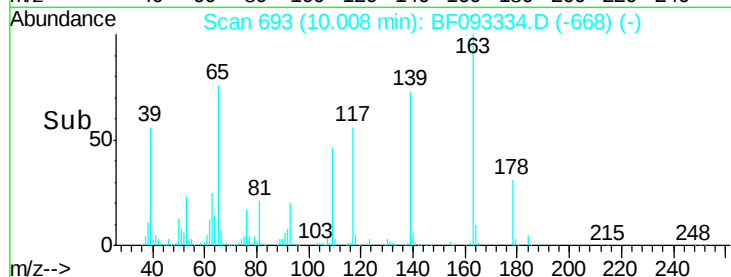


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.09 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion:165 Resp: 267743

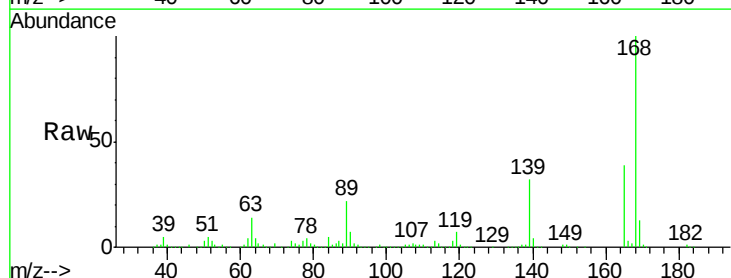
Ion Ratio Lower Upper

165 100

63 36.1 40.2 60.4#

89 55.3 62.5 93.7#

182 2.5 1.8 2.8



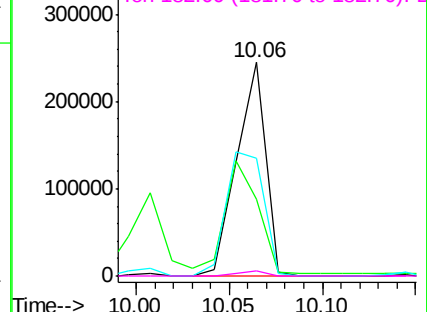
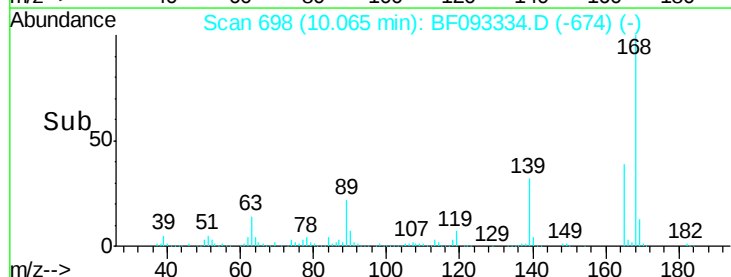
Abundance

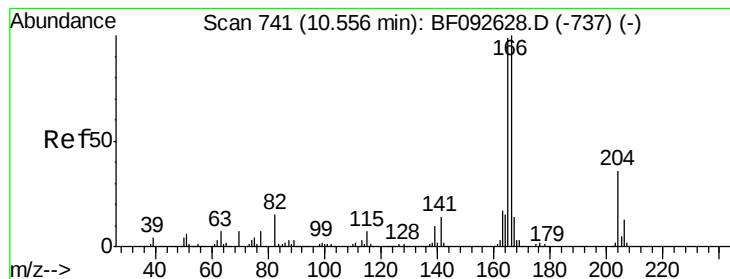
Ion 165.00 (164.70 to 165.70): E

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: 44.60 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

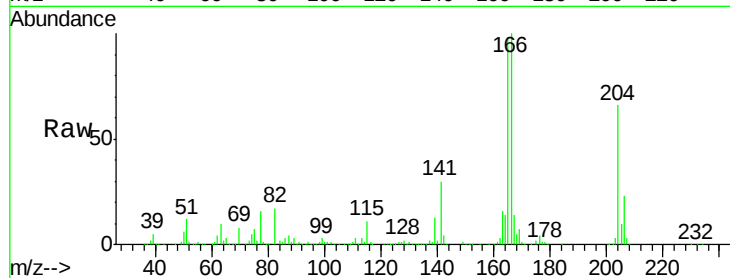
Tgt Ion:166 Resp: 788287

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

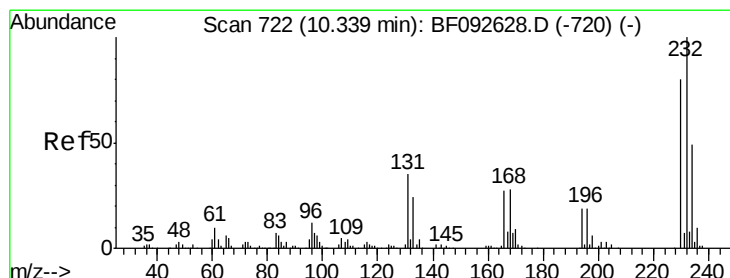
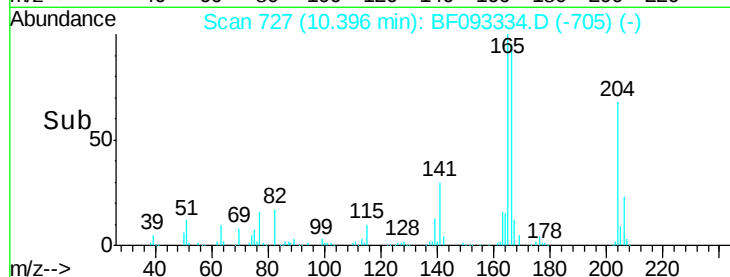
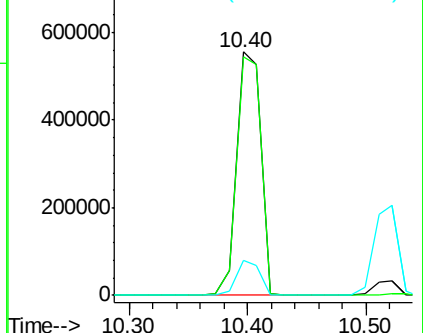
167 14.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.43 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Tgt Ion:232 Resp: 207492

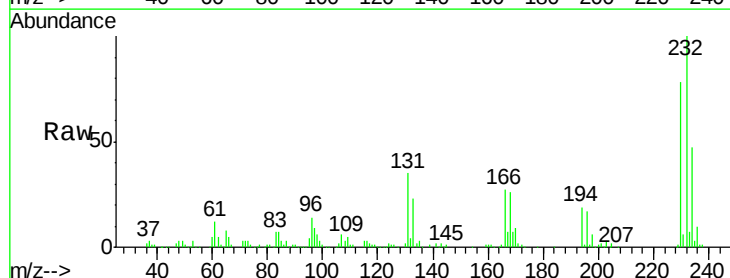
Ion Ratio Lower Upper

232 100

131 44.6 40.1 60.1

130 2.1 1.8 2.8

166 28.6 26.6 39.8

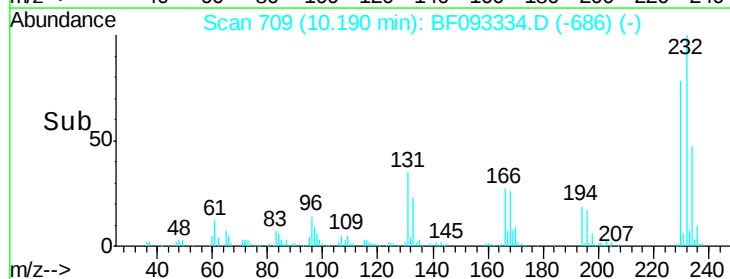
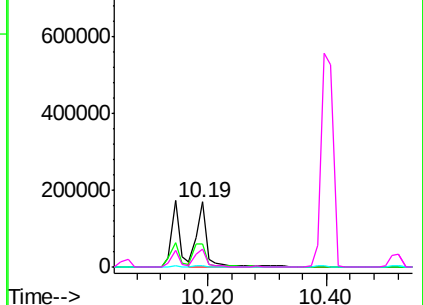


Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.26 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

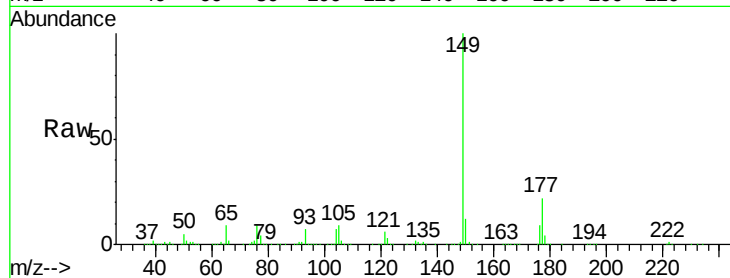
Tgt Ion:149 Resp: 955150

Ion Ratio Lower Upper

149 100

177 22.5 16.6 25.0

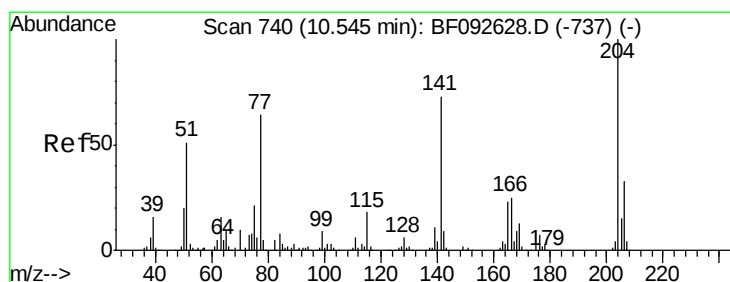
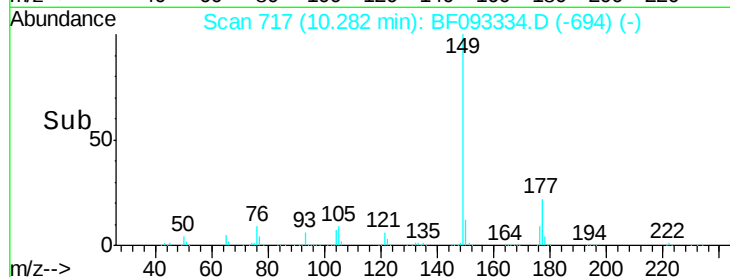
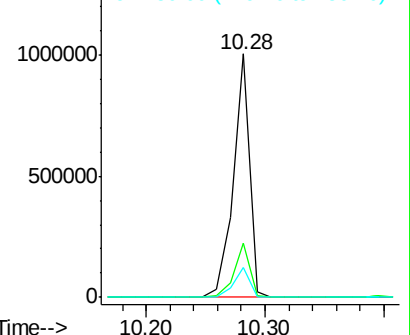
150 12.2 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.26 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

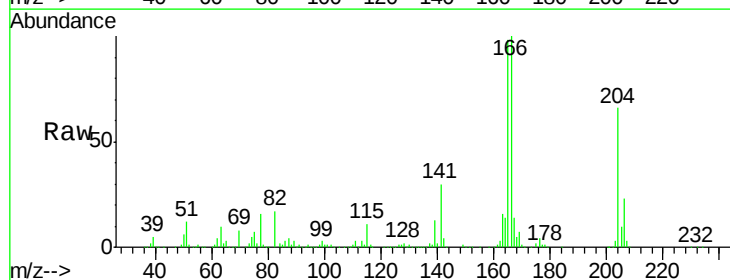
Tgt Ion:204 Resp: 392759

Ion Ratio Lower Upper

204 100

206 34.6 25.8 38.6

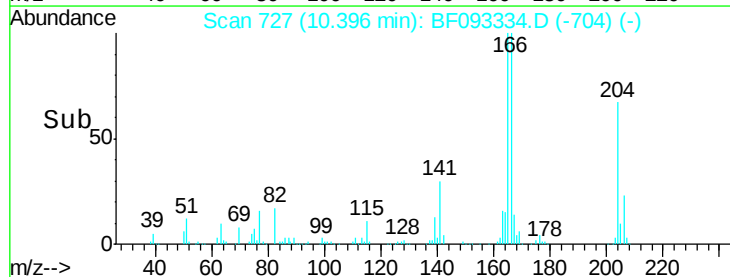
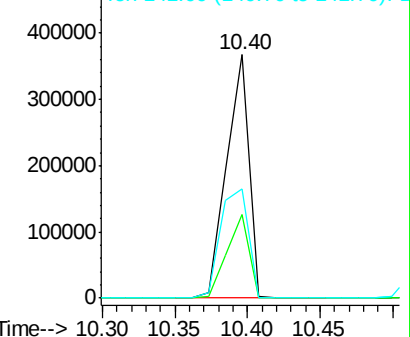
141 45.1 59.4 89.0#

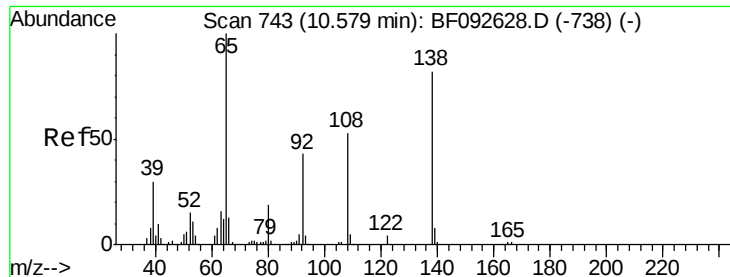


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

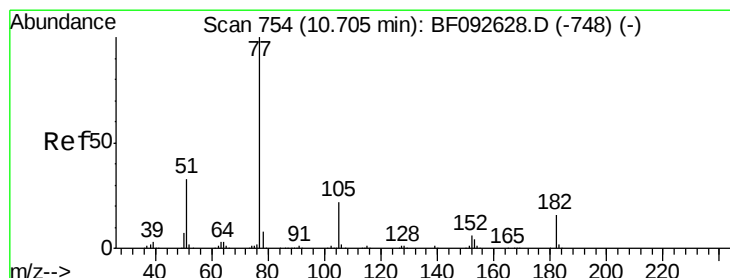
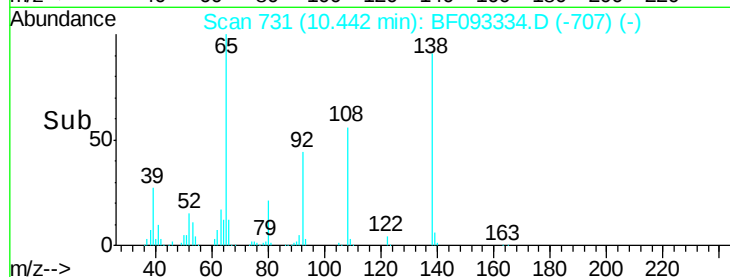
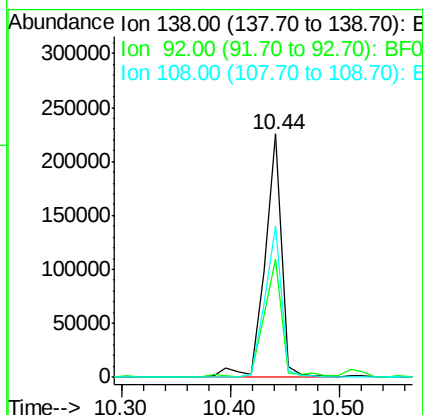
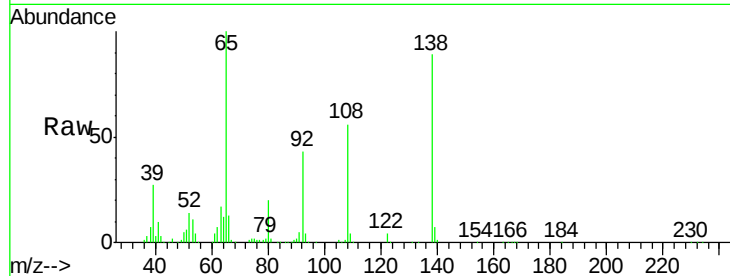




#61
4-Nitroaniline
Concen: 49.05 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

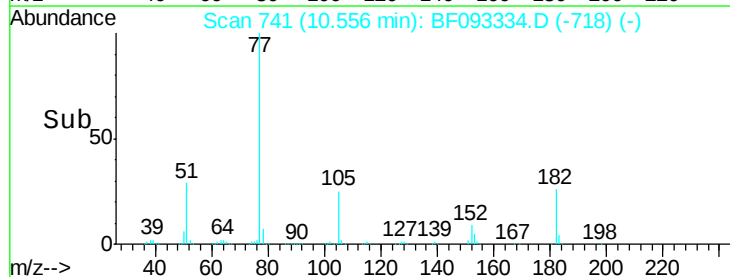
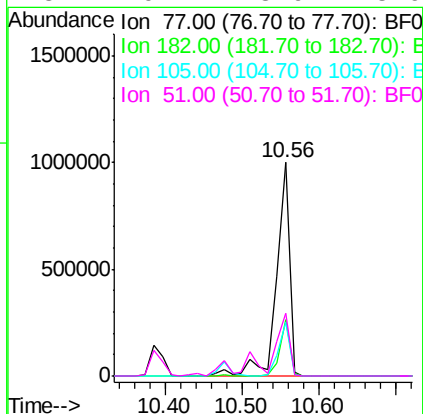
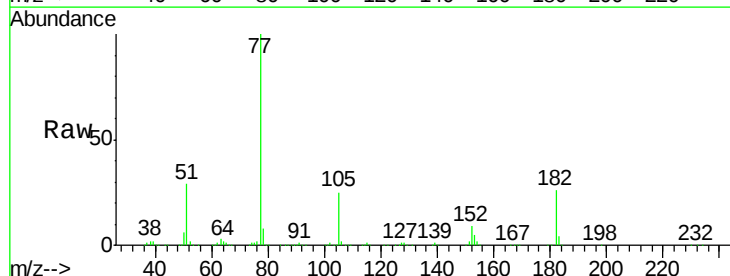
Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tgt Ion:138 Resp: 245501
Ion Ratio Lower Upper
138 100
92 48.5 31.7 71.7
108 62.2 52.6 92.6



#62
Azobenzene
Concen: 60.21 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion: 77 Resp: 1159172
Ion Ratio Lower Upper
77 100
182 26.2 0.0 39.3
105 25.1 2.3 42.3
51 29.1 8.9 48.9

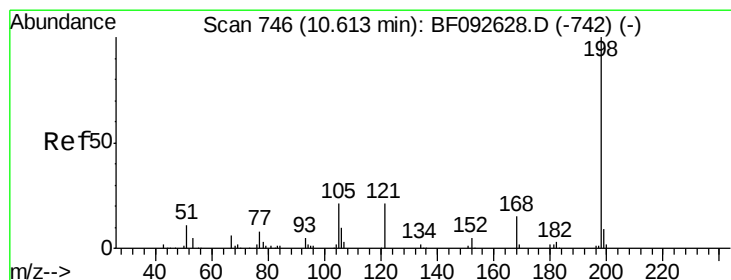
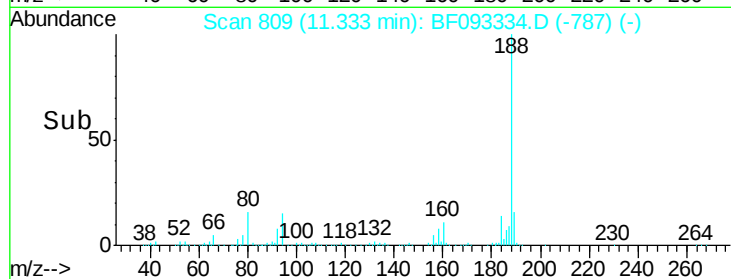
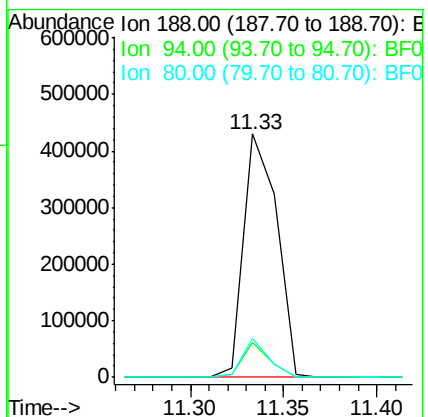
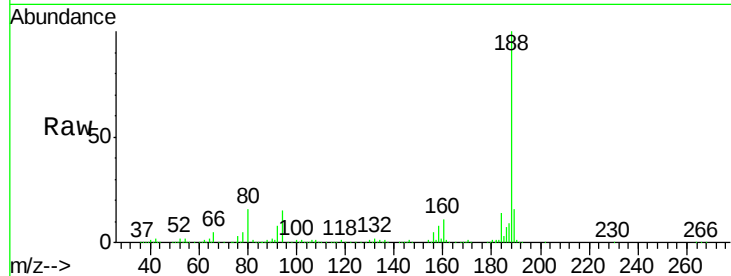




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

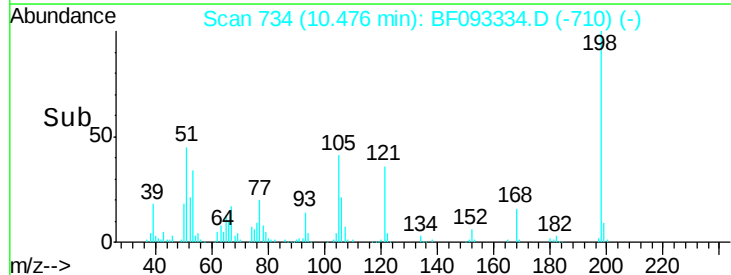
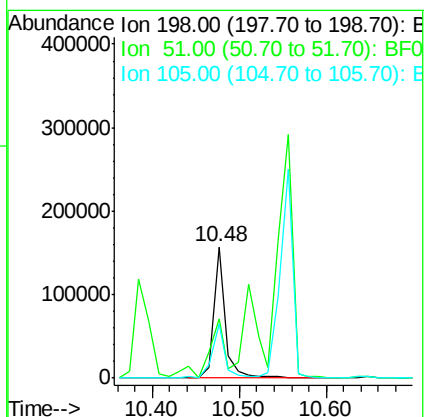
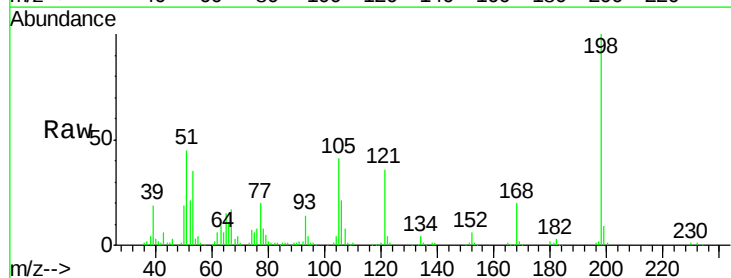
Instrument :
BNA_F
ClientSampleId :
PB97296BS

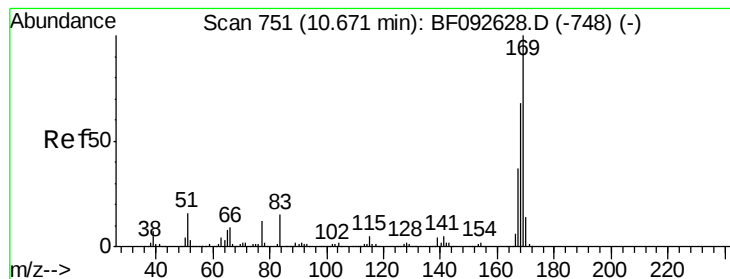
Tgt Ion:188 Resp: 534526
Ion Ratio Lower Upper
188 100
94 14.6 10.0 15.0
80 16.0 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 46.29 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion:198 Resp: 150296
Ion Ratio Lower Upper
198 100
51 45.5 6.7 46.7
105 41.1 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 44.41 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

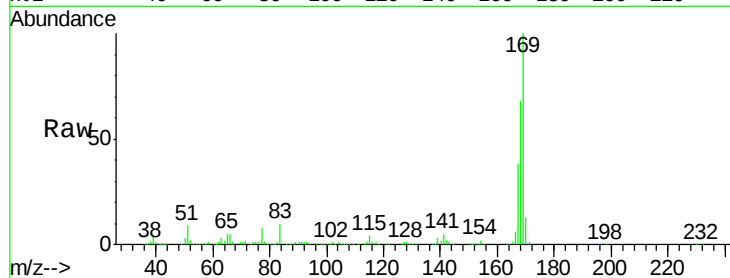
Tgt Ion:169 Resp: 758393

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

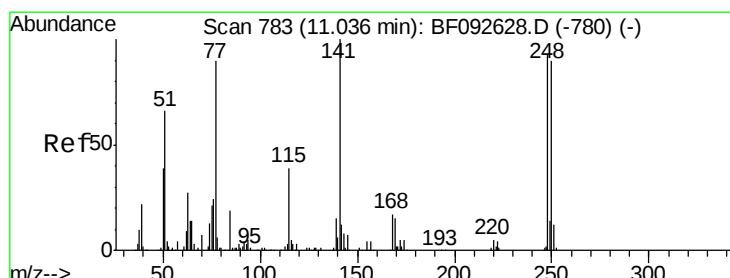
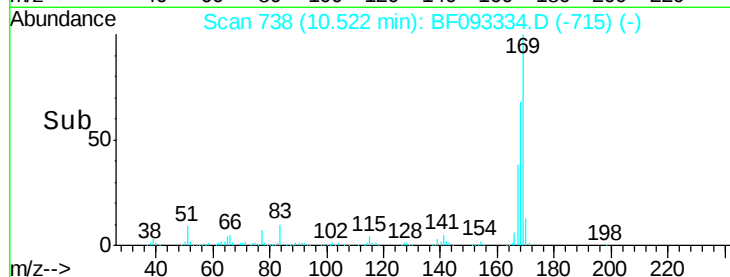
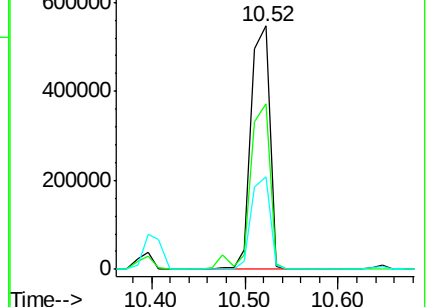
167 37.8 30.2 45.4



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: 40.70 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

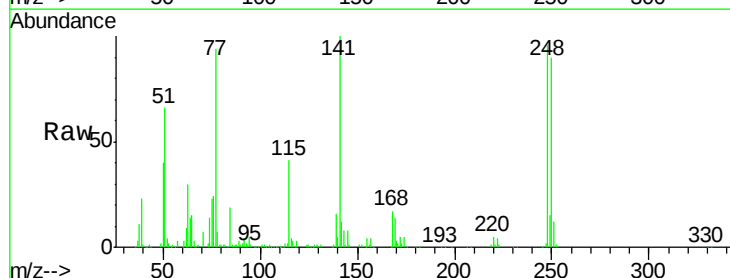
Tgt Ion:248 Resp: 227279

Ion Ratio Lower Upper

248 100

250 94.2 76.9 115.3

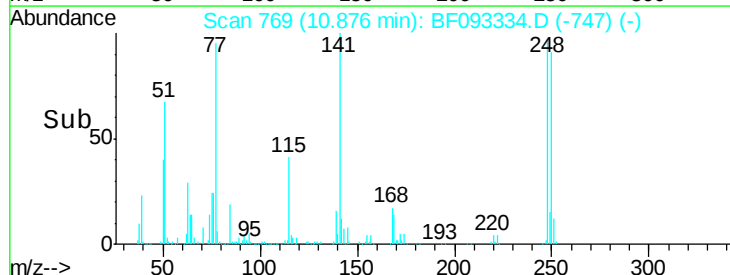
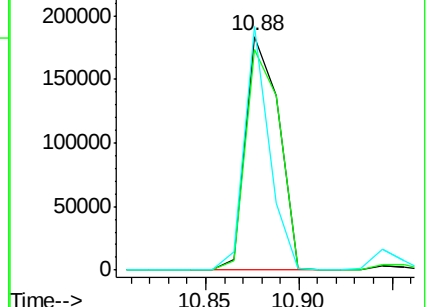
141 104.2 68.2 102.4#

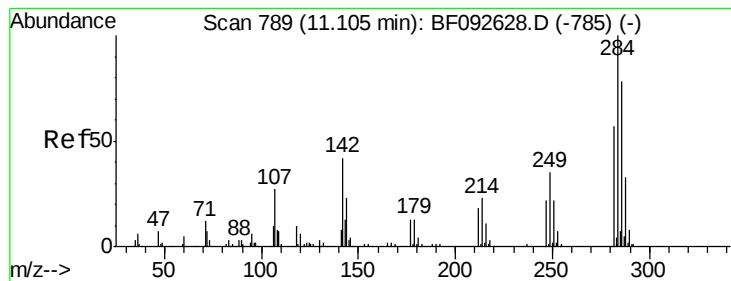


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.47 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.03 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

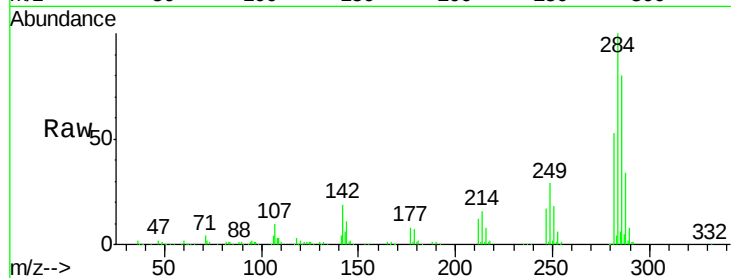
Tgt Ion:284 Resp: 228873

Ion Ratio Lower Upper

284 100

142 19.1 22.6 33.8#

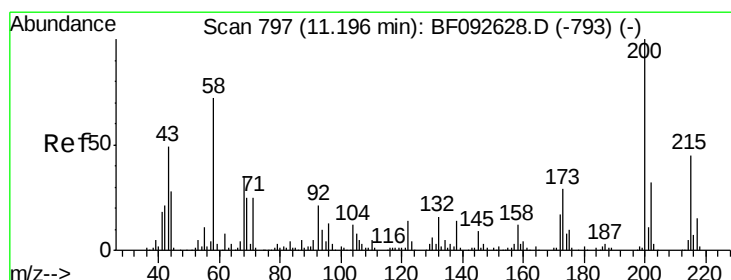
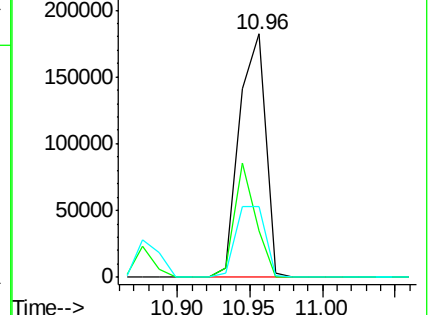
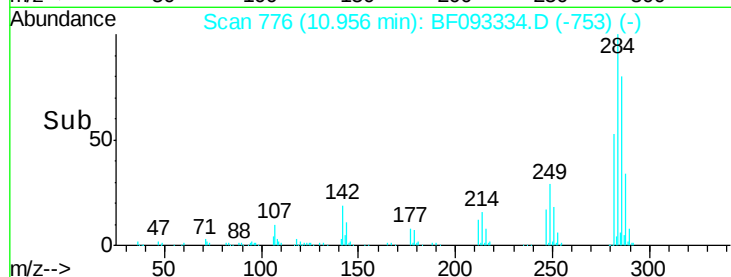
249 28.9 25.4 38.0



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: 42.34 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

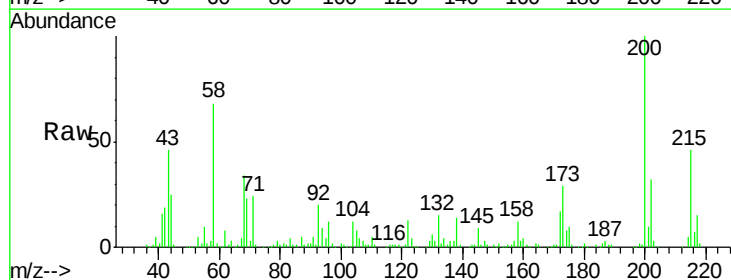
Tgt Ion:200 Resp: 231986

Ion Ratio Lower Upper

200 100

173 28.8 9.6 49.6

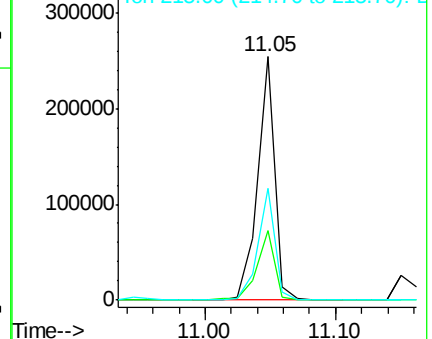
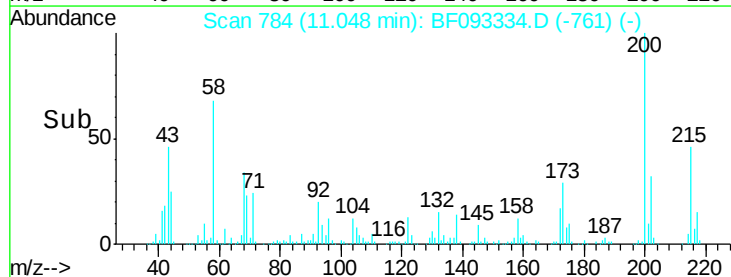
215 45.9 25.7 65.7

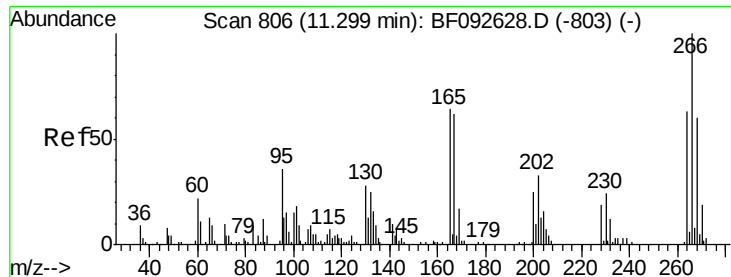


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

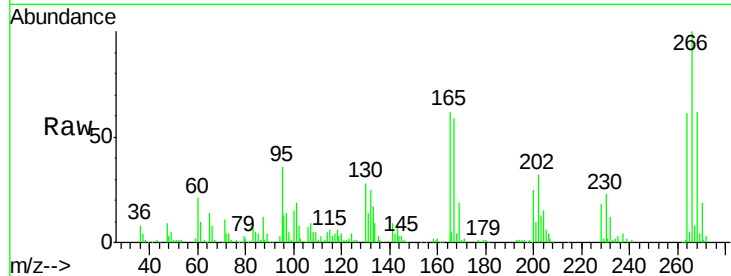




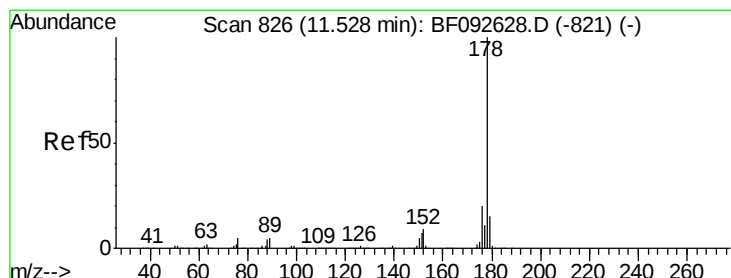
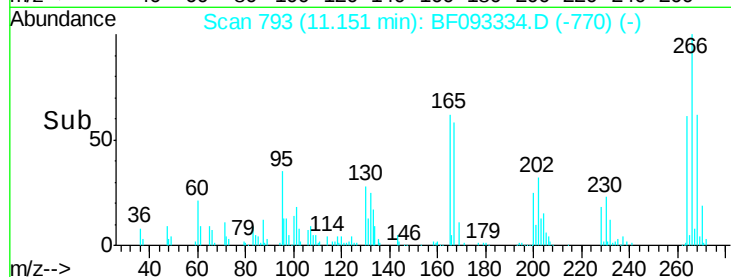
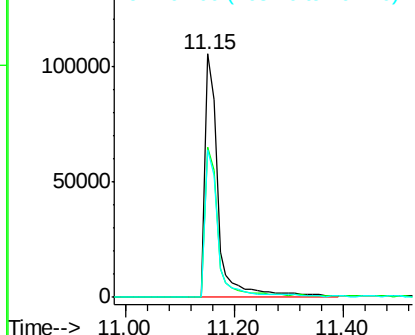
#69
 Pentachlorophenol
 Concen: 64.65 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tgt Ion:266 Resp: 179851
 Ion Ratio Lower Upper
 266 100
 268 61.9 53.3 79.9
 264 60.9 50.3 75.5

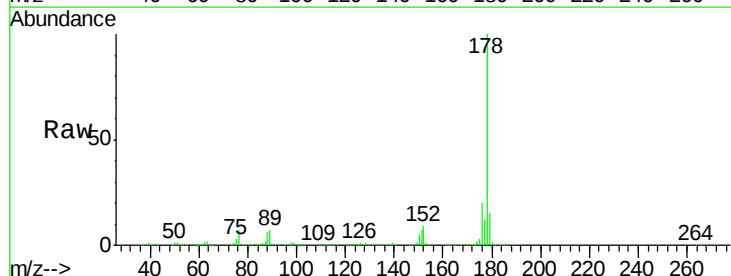


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

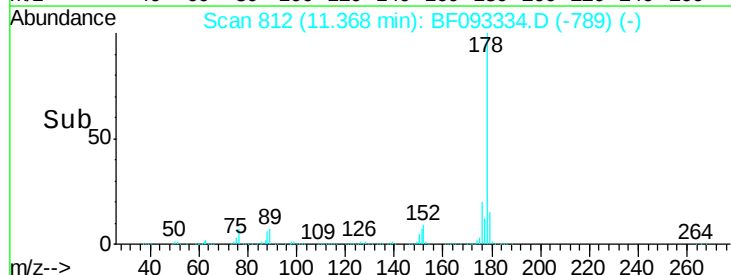
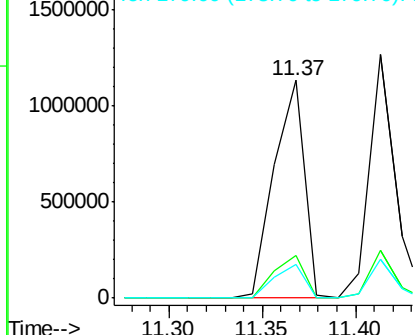


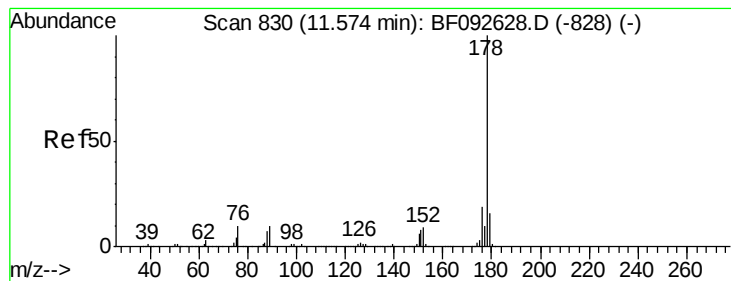
#70
 Phenanthrene
 Concen: 41.93 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion:178 Resp: 1283918
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.4 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: 38.68 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

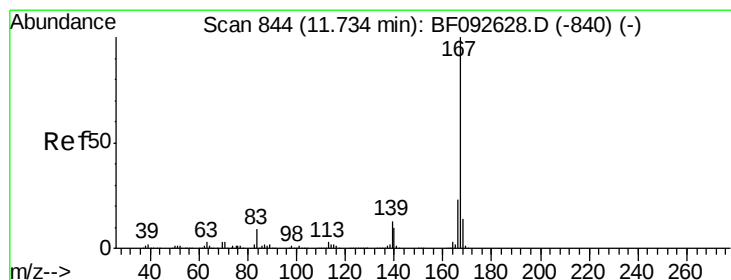
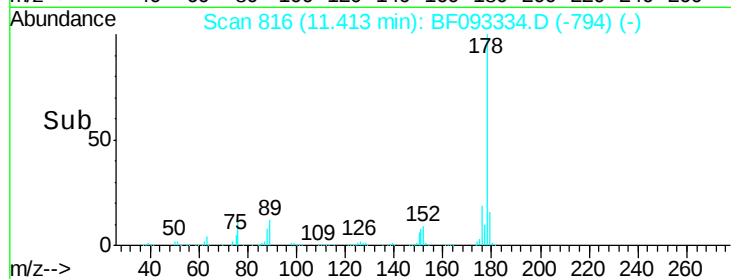
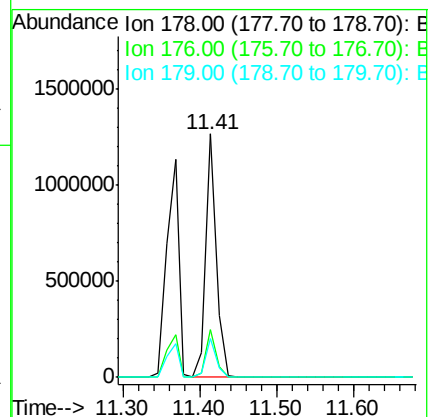
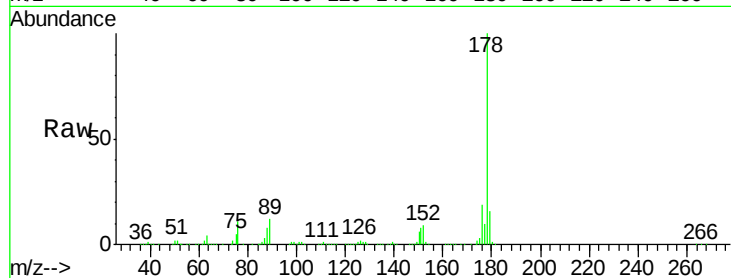
Tgt Ion:178 Resp: 1189613

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

179 15.7 13.2 19.8



#72

Carbazole

Concen: 36.61 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

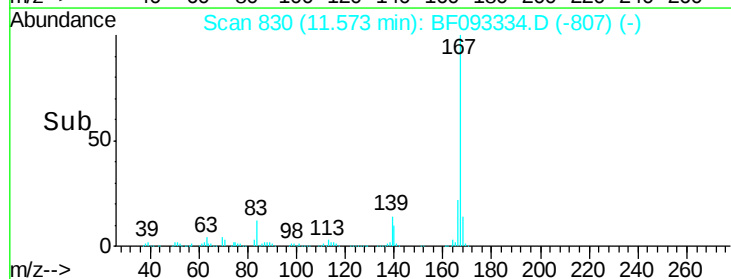
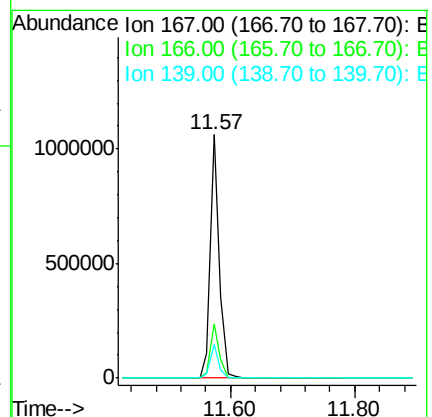
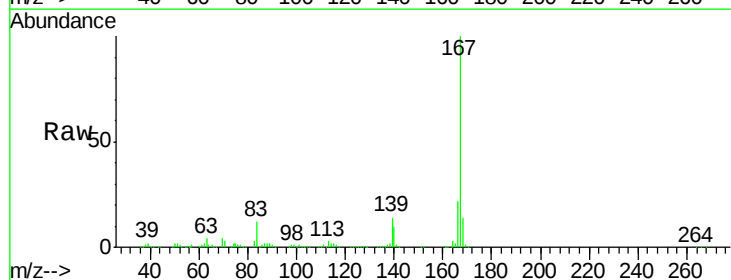
Tgt Ion:167 Resp: 1076266

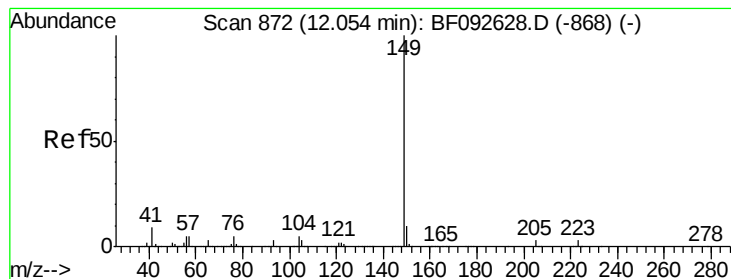
Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

139 13.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 46.30 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

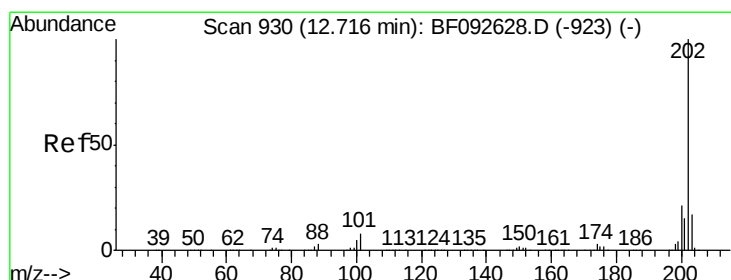
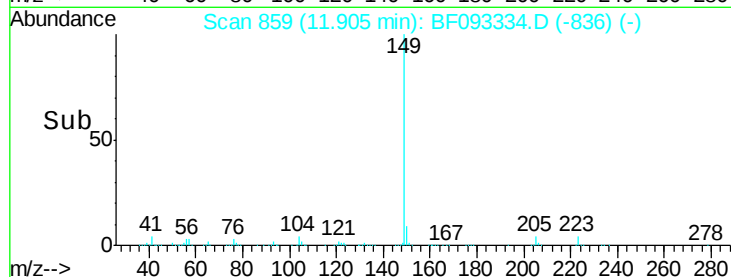
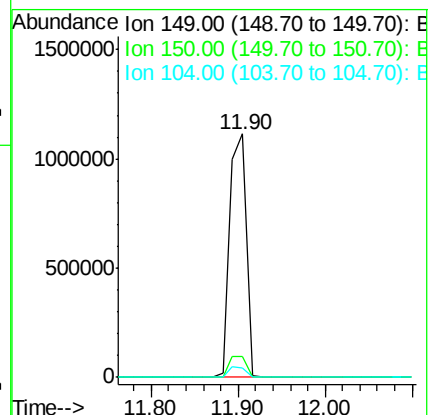
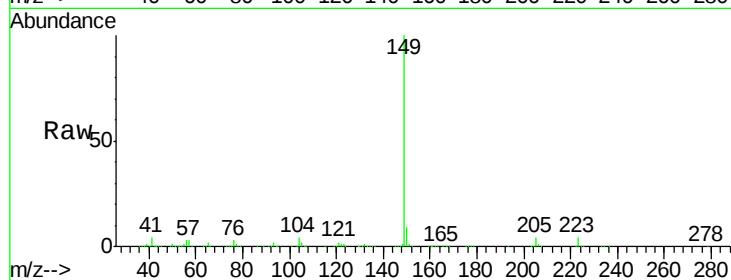
Tgt Ion:149 Resp: 1471952

Ion Ratio Lower Upper

149 100

150 8.8 8.1 12.1

104 3.7 4.6 7.0#



#74

Fluoranthene

Concen: 39.38 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

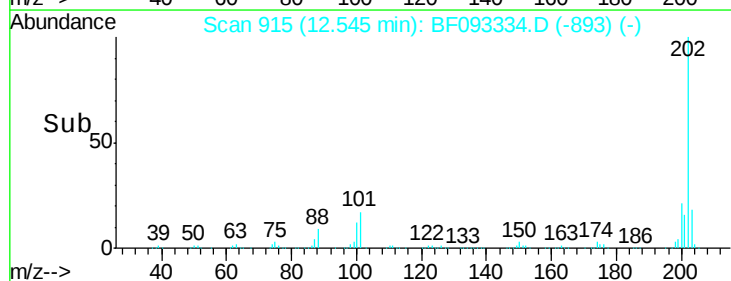
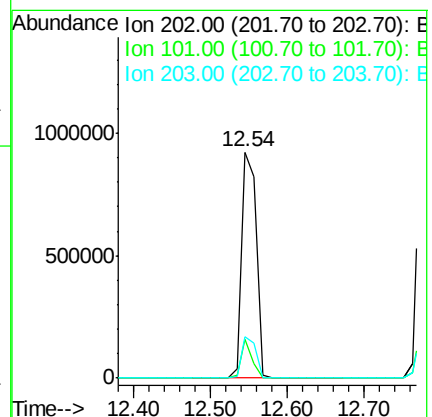
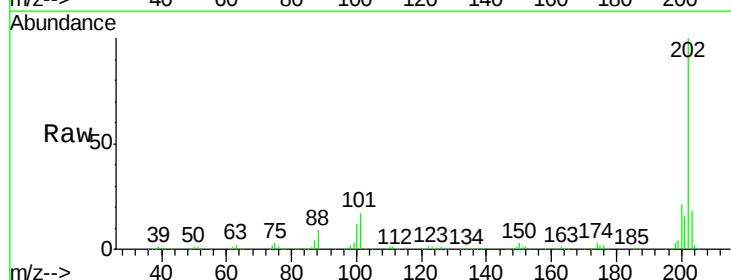
Tgt Ion:202 Resp: 1244095

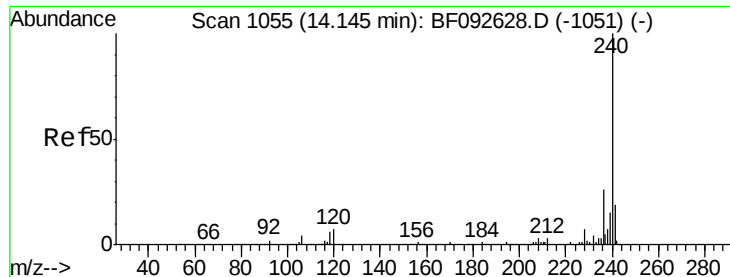
Ion Ratio Lower Upper

202 100

101 17.0 0.0 34.6

203 18.3 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

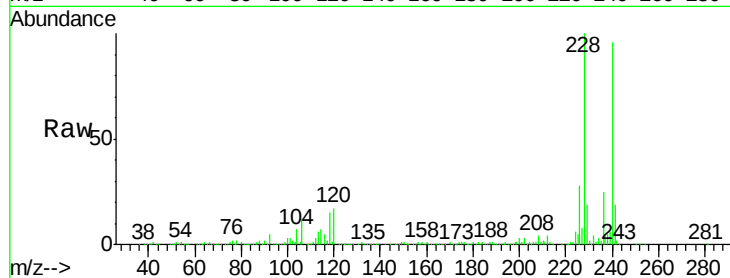
Tgt Ion:240 Resp: 407008

Ion Ratio Lower Upper

240 100

120 17.3 12.9 19.3

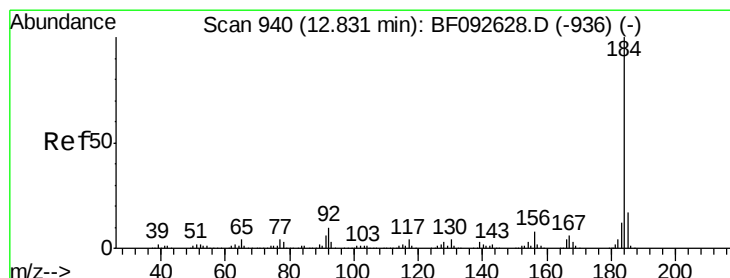
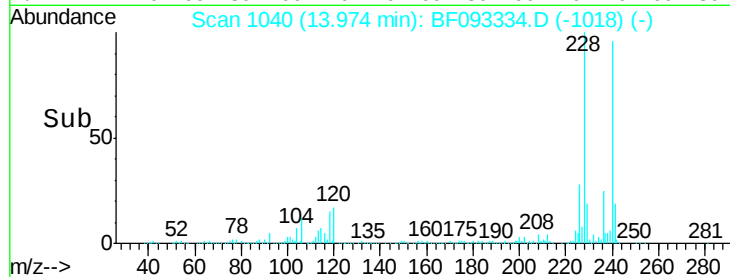
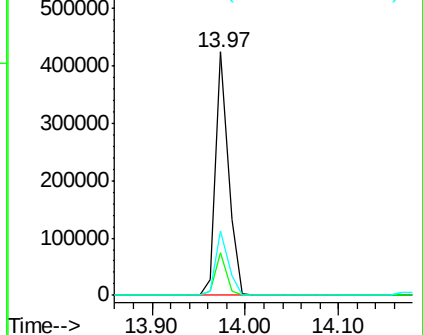
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.40 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

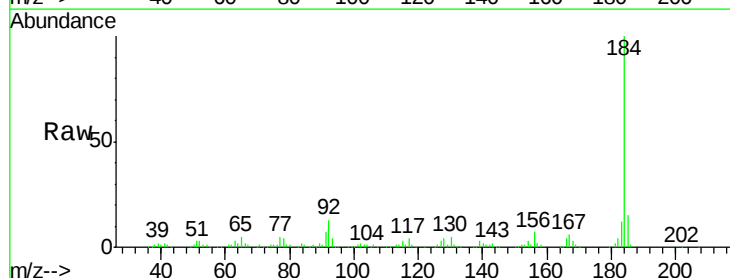
Tgt Ion:184 Resp: 405782

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

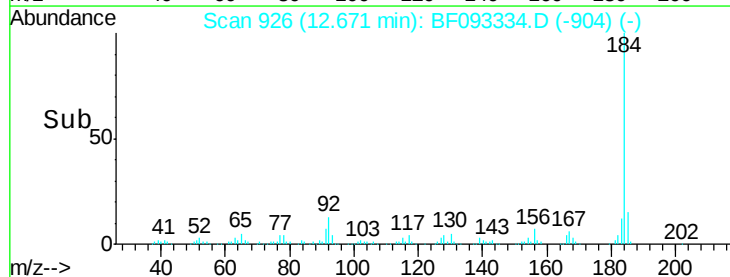
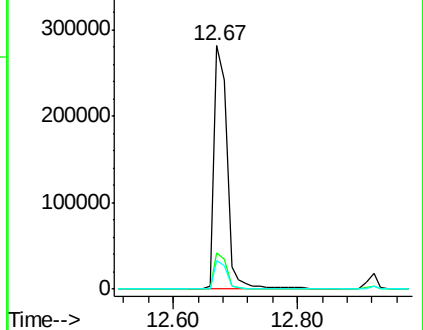
183 11.6 9.2 13.8

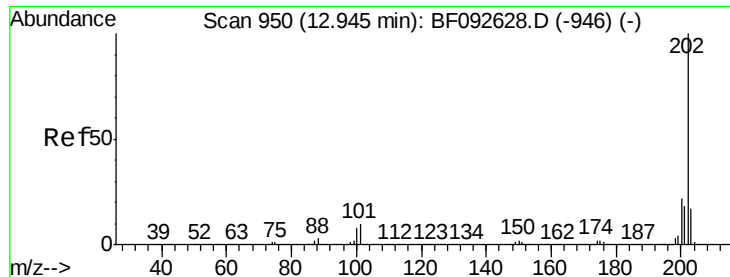


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

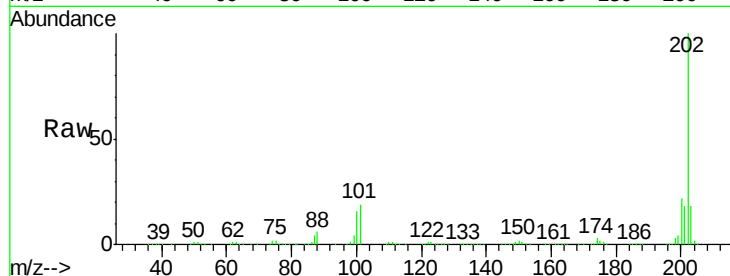




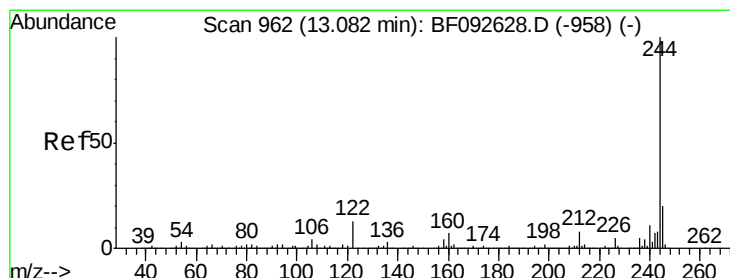
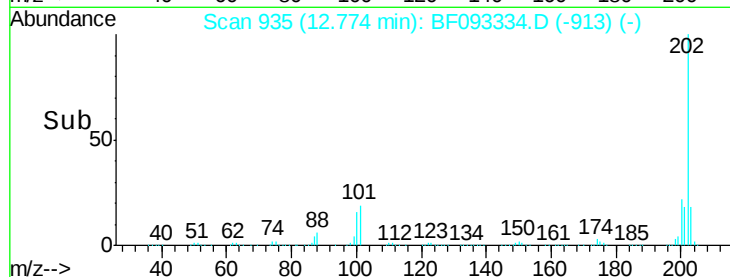
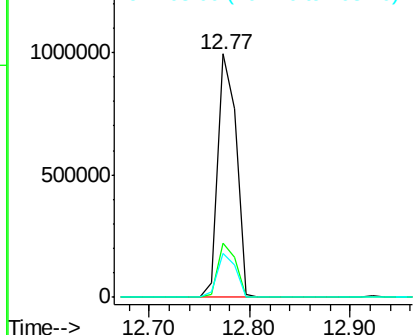
#77
 Pyrene
 Concen: 41.48 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tgt Ion: 202 Resp: 1263466
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.7 26.5
 203 18.0 14.7 22.1

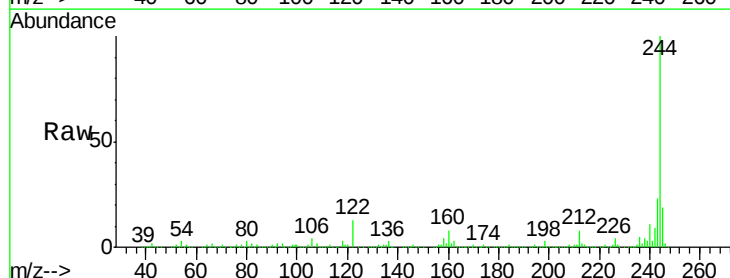


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

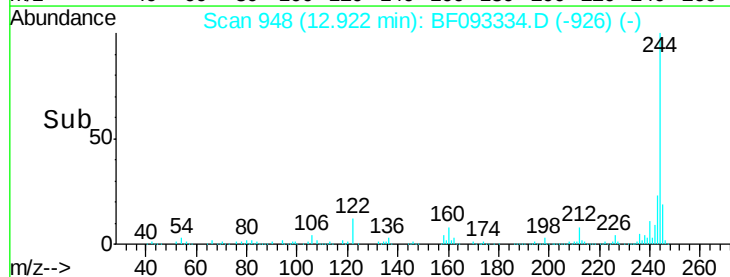
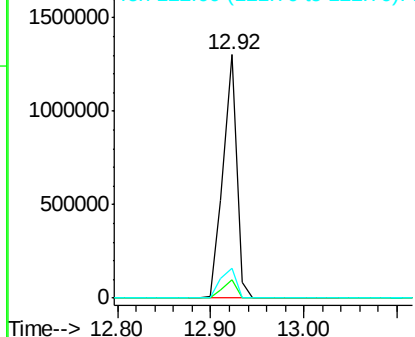


#78
 Terphenyl-d14
 Concen: 76.66 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion: 244 Resp: 1327988
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.5 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

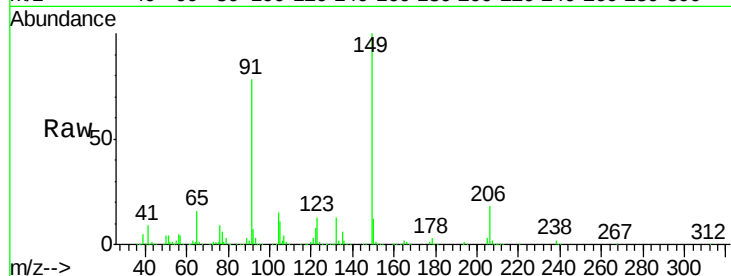




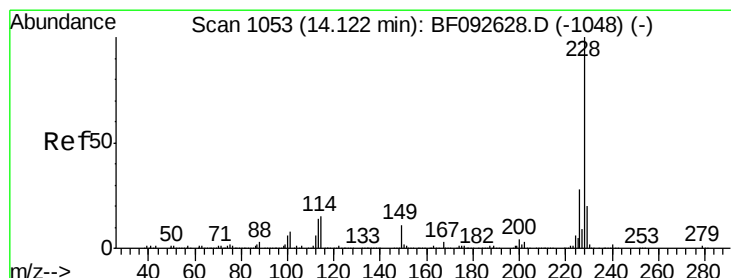
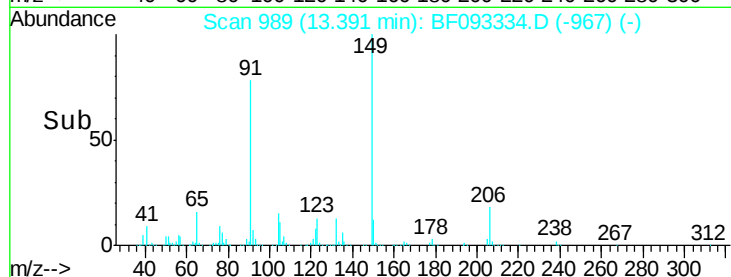
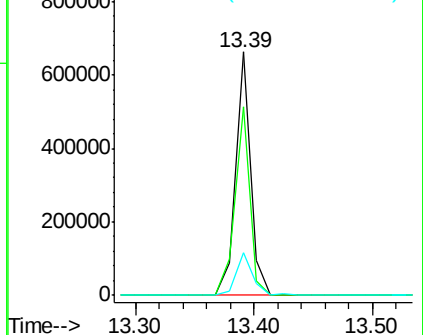
#79
Butylbenzylphthalate
Concen: 47.17 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tgt Ion:149 Resp: 583443
Ion Ratio Lower Upper
149 100
91 77.6 63.9 95.9
206 17.7 14.6 21.8

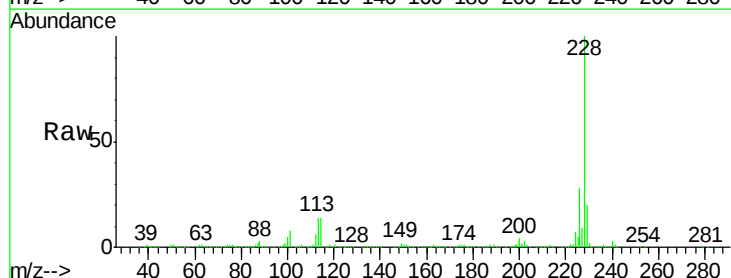


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

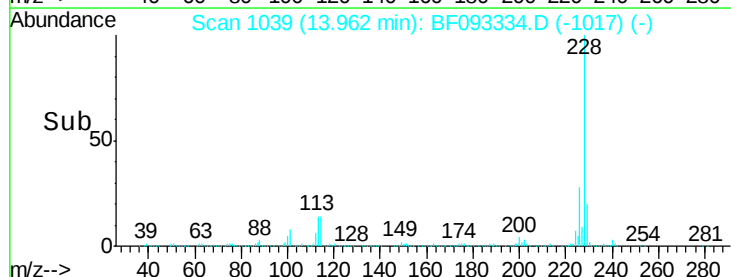
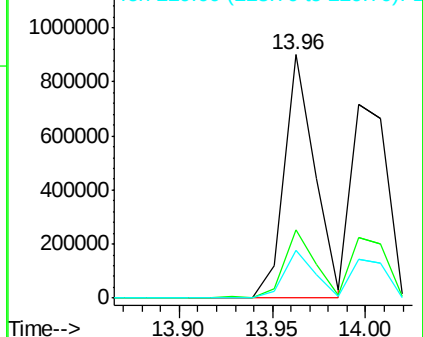


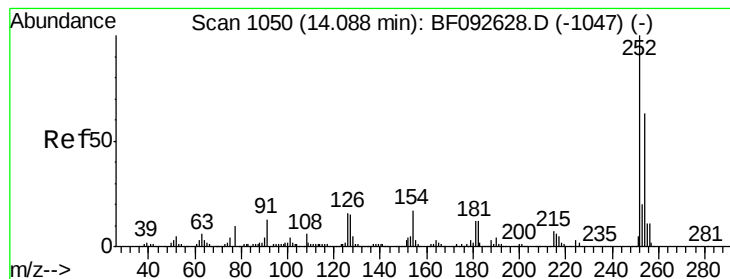
#80
Benzo(a)anthracene
Concen: 41.28 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion:228 Resp: 1027592
Ion Ratio Lower Upper
228 100
226 28.3 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

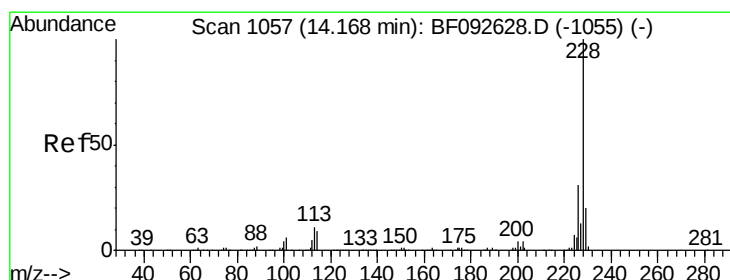
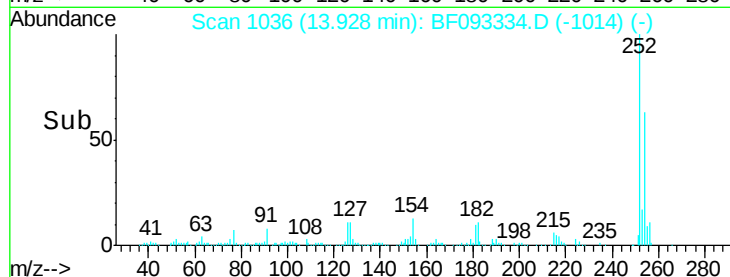
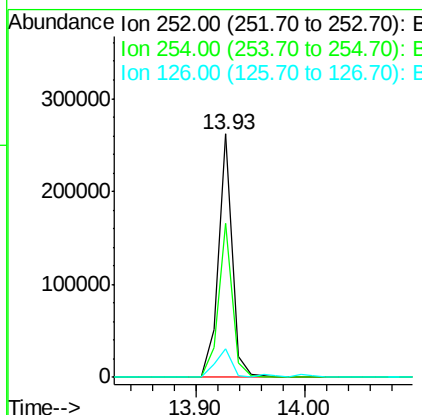
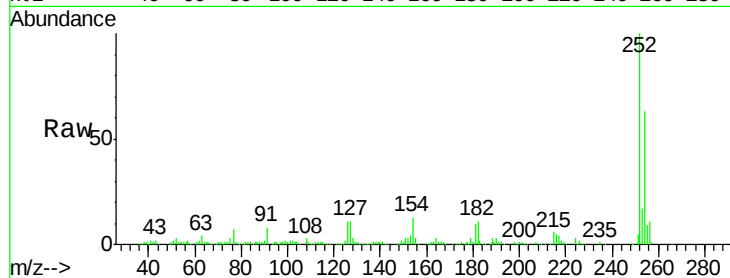




#81
 3,3'-Dichlorobenzidine
 Concen: 26.53 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

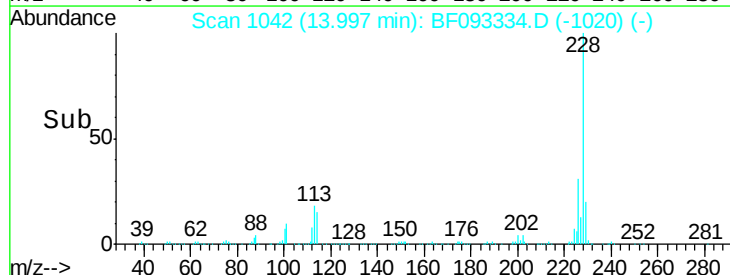
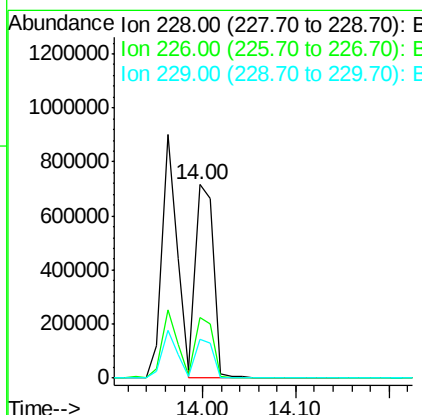
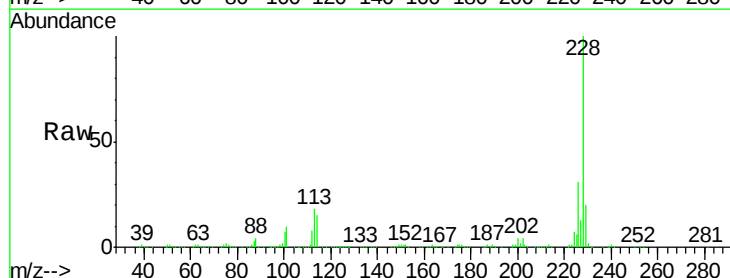
Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

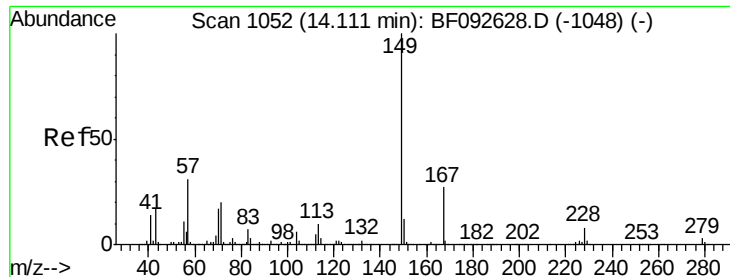
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.3	78.5
126	11.5	13.6	20.4



#82
 Chrysene
 Concen: 41.58 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.31 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

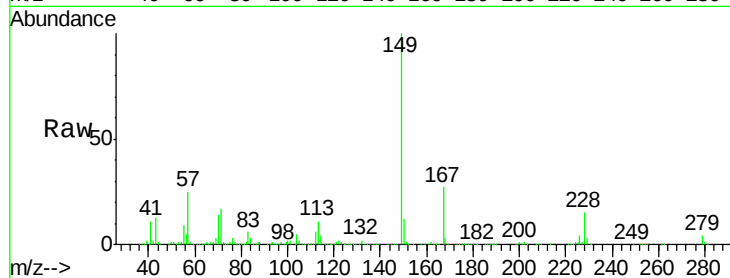
Tgt Ion:149 Resp: 867884

Ion Ratio Lower Upper

149 100

167 27.3 20.2 30.4

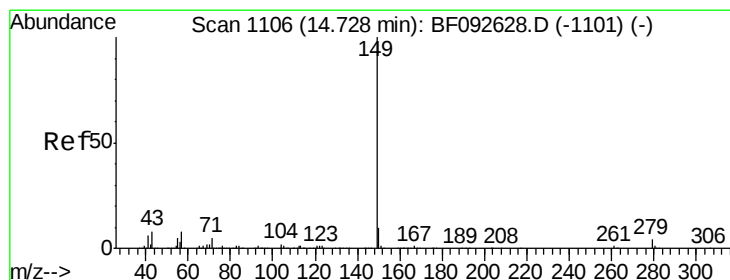
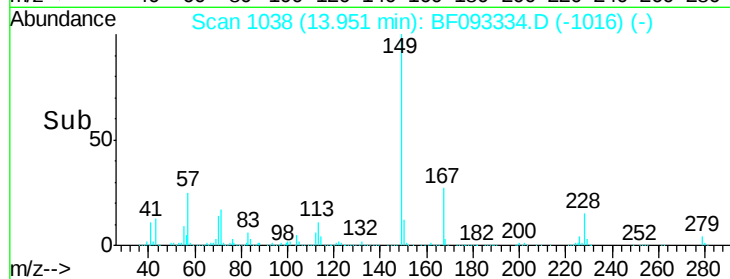
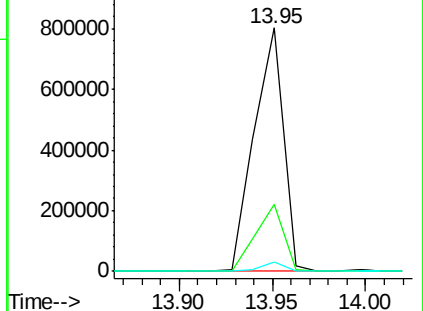
279 3.7 1.8 2.8#



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: 48.95 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

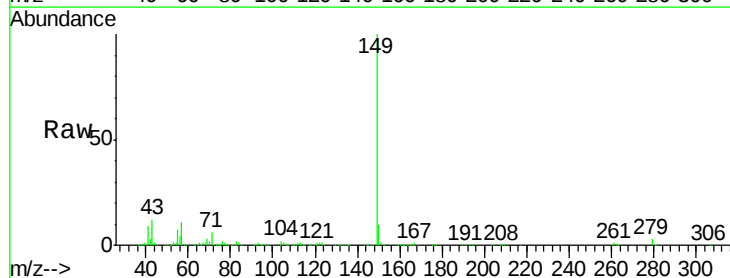
Tgt Ion:149 Resp: 1348441

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

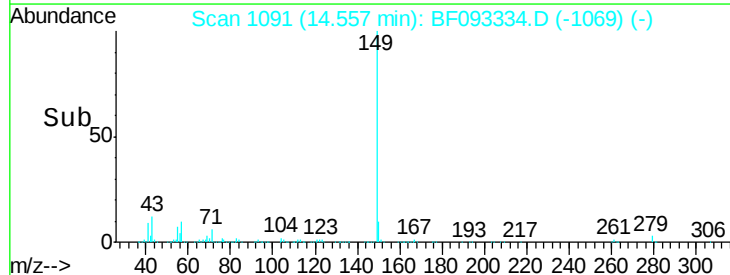
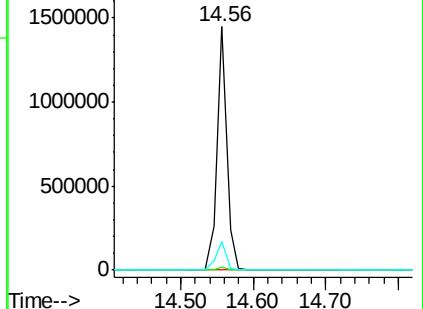
43 12.3 8.9 13.3

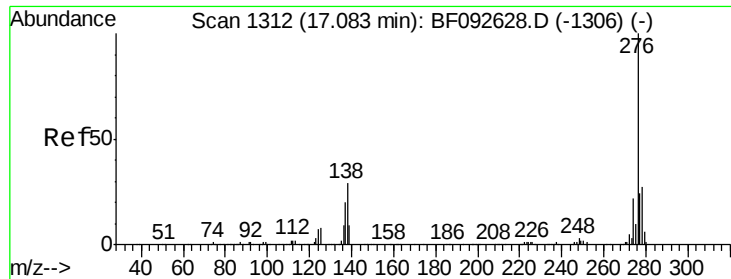


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

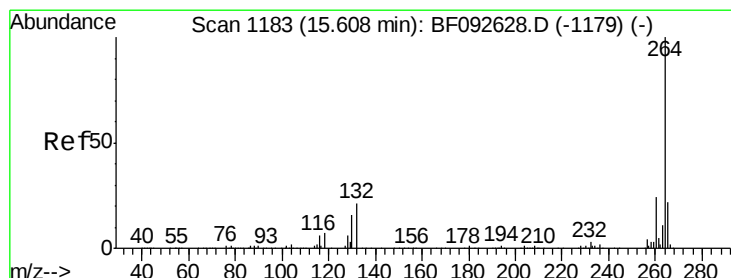
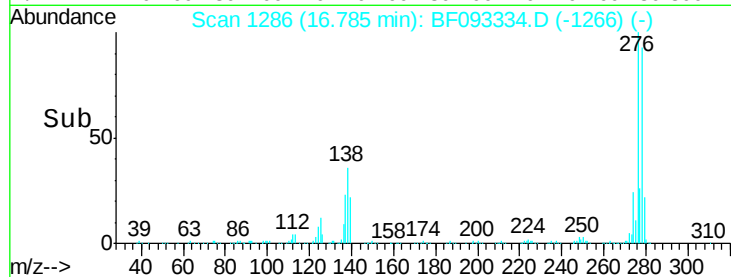
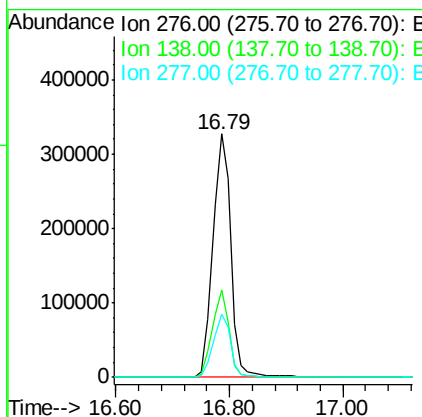
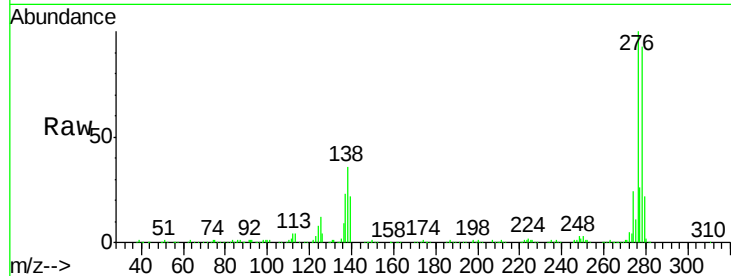




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.25 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. -0.07 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

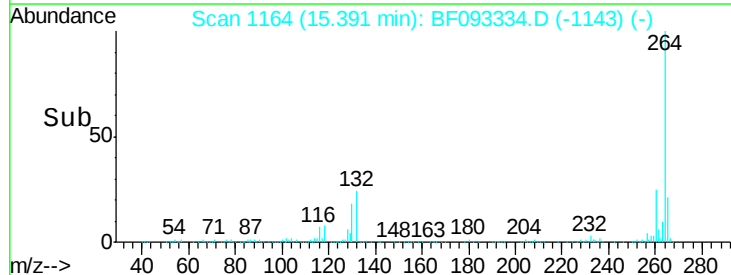
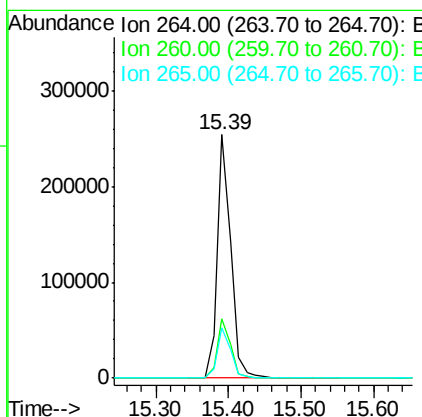
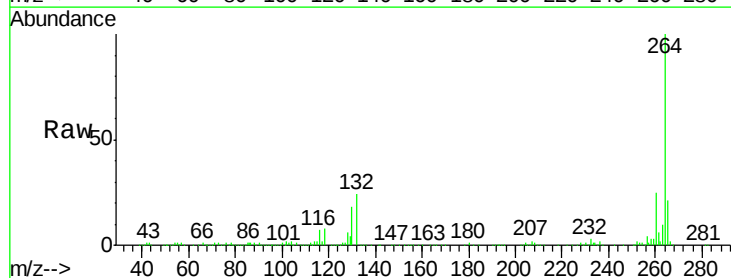
Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

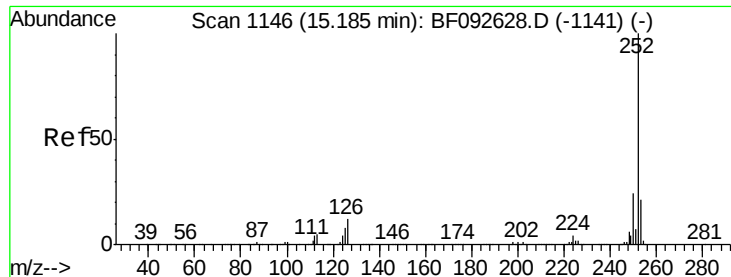
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.6	21.8	32.6#
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 79.75 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.05 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB97296BS

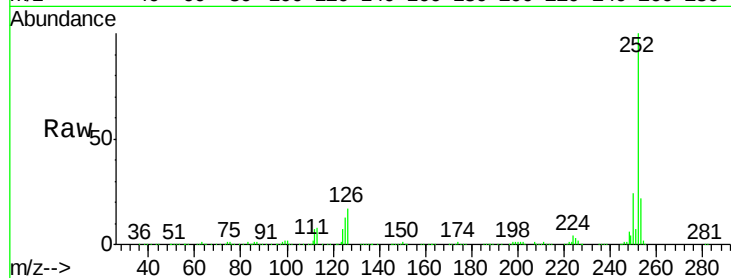
Tgt Ion:252 Resp: 1714547

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

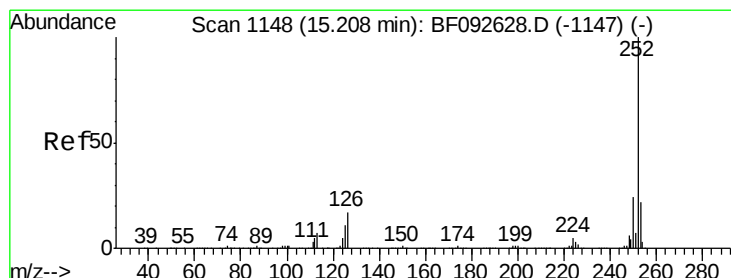
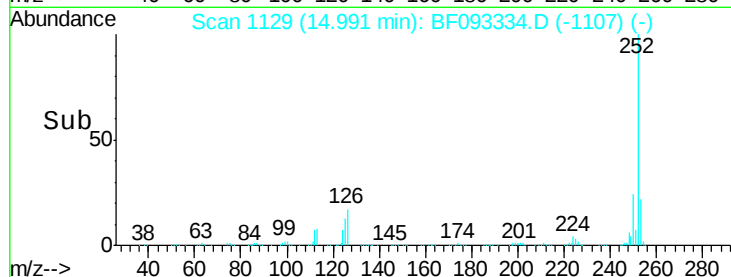
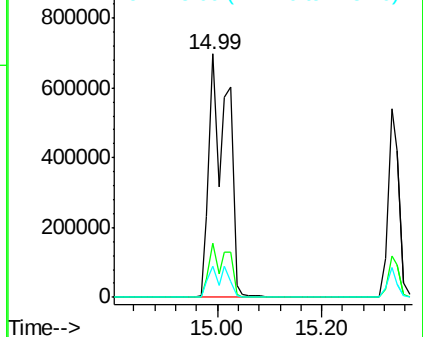
125 12.7 9.8 14.6



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: 92.43 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.08 min

Lab File: BF093334.D

Acq: 2 Mar 2017 21:28

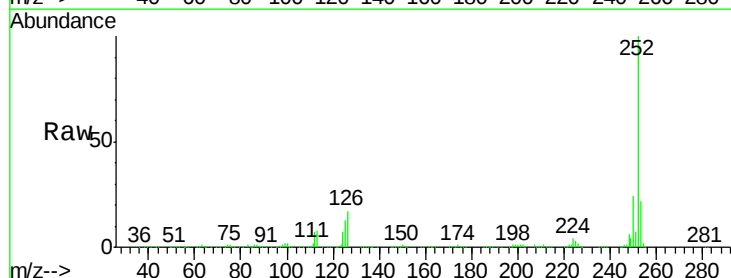
Tgt Ion:252 Resp: 1715591

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

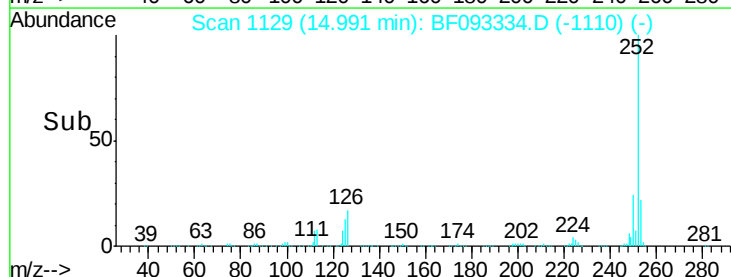
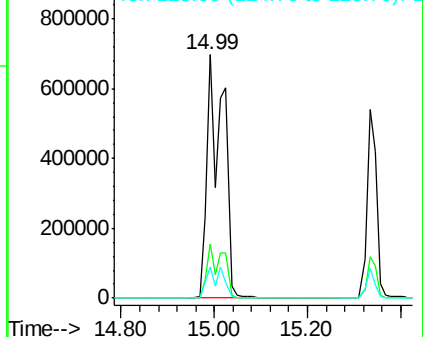
125 12.7 8.9 13.3

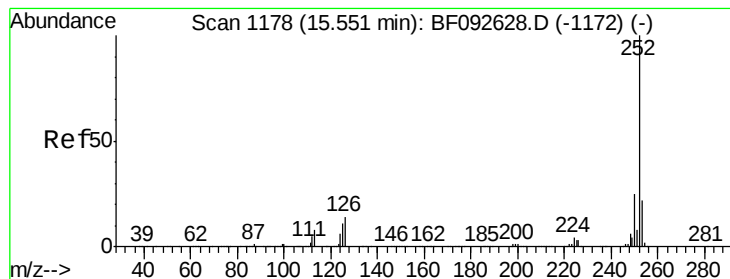


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

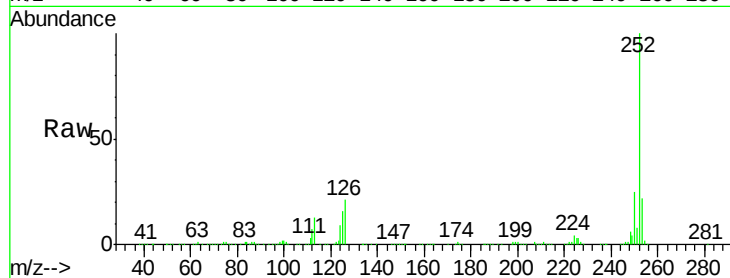




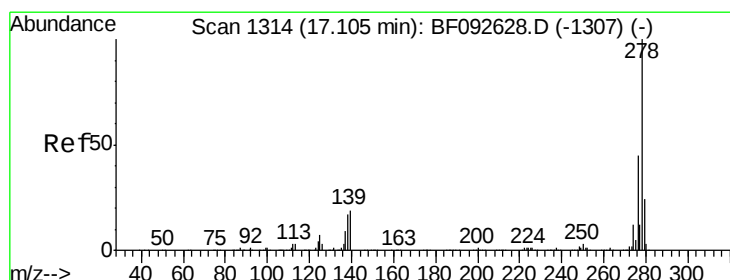
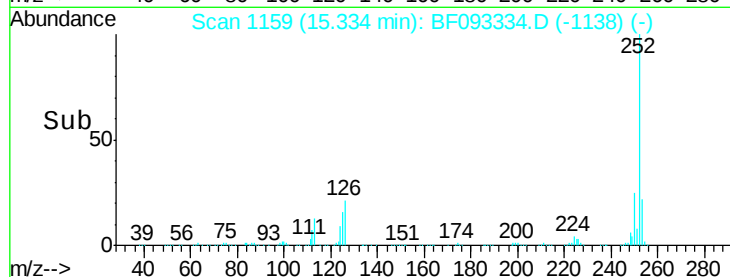
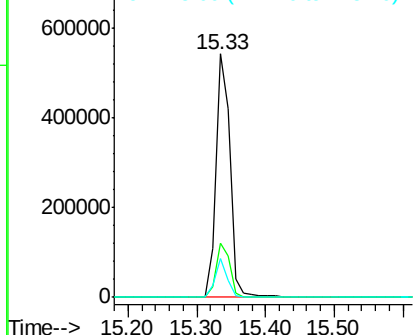
#89
Benzo(a)pyrene
Concen: 42.04 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB97296BS

Tgt Ion:252 Resp: 781799
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 15.9 10.0 15.0#

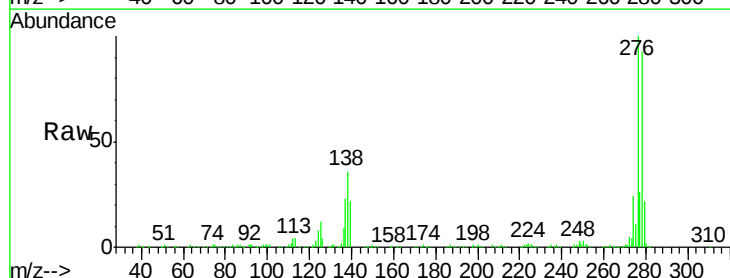


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

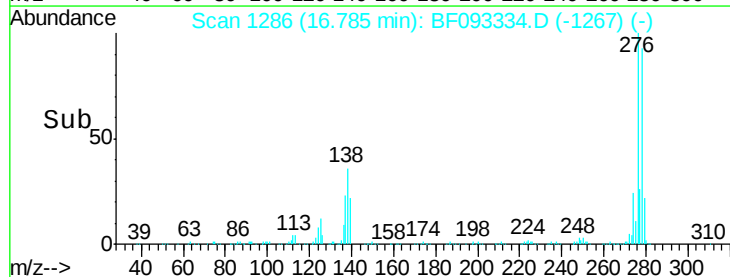
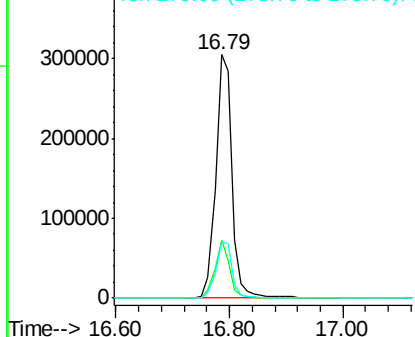


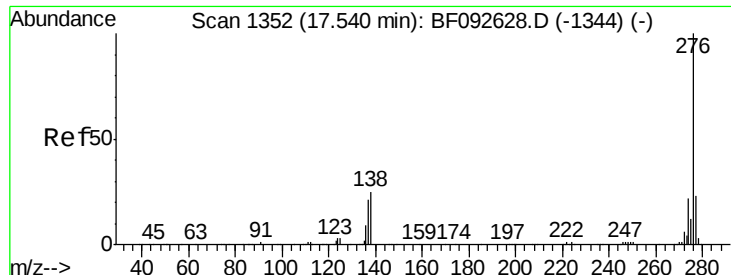
#90
Dibenzo(a,h)anthracene
Concen: 39.98 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.08 min
Lab File: BF093334.D
Acq: 2 Mar 2017 21:28

Tgt Ion:278 Resp: 600850
Ion Ratio Lower Upper
278 100
139 23.8 14.8 22.2#
279 23.5 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

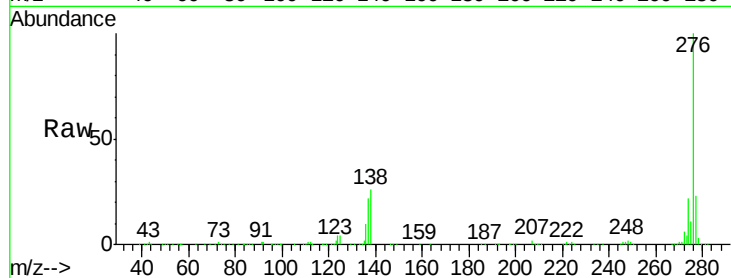




#91
 Benzo(g,h,i)perylene
 Concen: 40.01 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.08 min
 Lab File: BF093334.D
 Acq: 2 Mar 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.2	28.8
138	26.2	16.0	24.0



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

