

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093656.D
 Acq On : 14 Mar 2017 14:04
 Operator : SJ/MA
 Sample : PB97559BSD
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 15 02:32:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	170945	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	755125	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	344800	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	606177	20.00	ng	0.00
75) Chrysene-d12	13.89	240	435509	20.00	ng	0.00
86) Perylene-d12	15.29	264	309798	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1018788	99.19	ng	0.00
7) Phenol-d6	6.37	99	1189681	91.85	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1136320	83.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	204231	90.91	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1703901	91.92	ng	0.00
78) Terphenyl-d14	12.84	244	1408280	84.07	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	206652	36.53	ng	86
3) Pyridine	2.94	79	492564	34.15	ng	88
4) n-Nitrosodimethylamine	2.90	42	286614	41.60	ng	# 76
6) Aniline	6.39	93	226230	12.73	ng	# 73
8) 2-Chlorophenol	6.50	128	478492	41.58	ng	97
9) Benzaldehyde	6.26	77	298968	36.37	ng	95
10) Phenol	6.38	94	692665	43.64	ng	82
11) bis(2-Chloroethyl)ether	6.45	93	507043	39.53	ng	92
12) 1,3-Dichlorobenzene	6.64	146	534903	40.61	ng	# 90
13) 1,4-Dichlorobenzene	6.72	146	545764	40.47	ng	98
14) 1,2-Dichlorobenzene	6.88	146	477124	39.95	ng	94
15) Benzyl Alcohol	6.88	79	343671	37.22	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	837610	39.31	ng	# 47
17) 2-Methylphenol	7.00	107	418675	43.01	ng	# 88
18) Hexachloroethane	7.21	117	186262	40.95	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	369117	41.45	ng	89
20) 3+4-Methylphenols	7.17	107	602422	47.72	ng	# 74
22) Acetophenone	7.13	105	684816	37.69	ng	# 98
24) Nitrobenzene	7.30	77	561858	36.73	ng	97
25) Isophorone	7.54	82	971152	35.39	ng	# 93
26) 2-Nitrophenol	7.62	139	265516	38.05	ng	91
27) 2,4-Dimethylphenol	7.68	122	409415	36.06	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	663339	38.29	ng	99
29) 2,4-Dichlorophenol	7.89	162	437605	40.97	ng	91
30) 1,2,4-Trichlorobenzene	7.94	180	401191	35.32	ng	96
31) Naphthalene	8.02	128	1364518	36.06	ng	99
32) Benzoic acid	7.85	122	226441	38.38	ng	96
33) 4-Chloroaniline	8.15	127	56258	3.66	ng	97
34) Hexachlorobutadiene	8.14	225	215768	36.88	ng	99
35) Caprolactam	8.47	113	84558	23.18	ng	# 19
36) 4-Chloro-3-methylphenol	8.61	107	416421	36.53	ng	94
37) 2-Methylnaphthalene	8.72	142	887447	36.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	374977	39.83	ng	98
40) Hexachlorocyclopentadiene	8.87	237	203267	84.72	ng	97

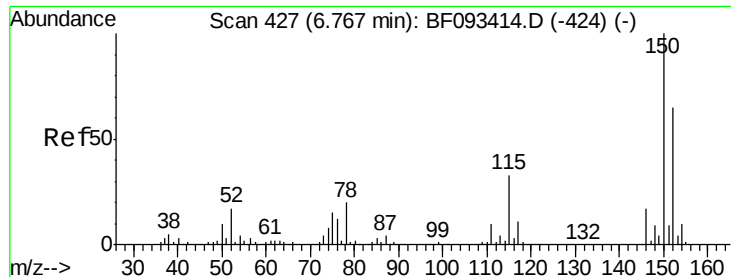
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093656.D
 Acq On : 14 Mar 2017 14:04
 Operator : SJ/MA
 Sample : PB97559BSD
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	250003	42.50	nq	94
43) 2,4,5-Trichlorophenol	9.08	196	219839	34.83	nq #	93
45) 1,1'-Biphenyl	9.18	154	1028095	40.93	nq	95
46) 2-Chloronaphthalene	9.21	162	861250	44.80	nq	98
47) 2-Nitroaniline	9.33	65	305086	44.89	nq	98
48) Acenaphthylene	9.62	152	1294839	40.83	nq	98
49) Dimethylphthalate	9.50	163	985700	43.12	nq	100
50) 2,6-Dinitrotoluene	9.57	165	218854	43.63	nq #	69
51) Acenaphthene	9.80	154	791760	42.23	nq	97
52) 3-Nitroaniline	9.75	138	85317	14.16	nq #	93
53) 2,4-Dinitrophenol	9.88	184	158519	69.40	nq #	75
54) Dibenzofuran	9.97	168	1076653	45.87	nq	98
55) 4-Nitrophenol	9.97	139	674806	230.55	nq #	12
56) 2,4-Dinitrotoluene	9.98	165	284222	46.12	nq #	77
57) Fluorene	10.31	166	822308	41.35	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	213071	47.83	nq	97
59) Diethylphthalate	10.20	149	994106	45.50	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	380619	42.70	nq	96
61) 4-Nitroaniline	10.37	138	218509	35.46	nq	97
62) Azobenzene	10.46	77	1186573	47.80	nq	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	120758	30.75	nq #	77
65) n-Nitrosodiphenylamine	10.42	169	714625	35.31	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	228083	35.58	nq	98
67) Hexachlorobenzene	10.86	284	219466	35.85	nq #	74
68) Atrazine	10.96	200	211378	35.68	nq	99
69) Pentachlorophenol	11.08	266	108883	51.52	nq	96
70) Phenanthrene	11.27	178	1238429	35.79	nq	99
71) Anthracene	11.33	178	1301130	37.17	nq	99
72) Carbazole	11.50	167	1202475	36.57	nq	98
73) Di-n-butylphthalate	11.82	149	1526090	40.12	nq #	96
74) Fluoranthene	12.46	202	1226352	36.69	nq	96
76) Benzidine	12.60	184	356411	24.89	nq	97
77) Pyrene	12.69	202	1230394	38.85	nq	100
79) Butylbenzylphthalate	13.31	149	591706	44.38	nq	92
80) Benzo(a)anthracene	13.88	228	920156	35.78	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	183964	20.42	nq #	97
82) Chrysene	13.92	228	925106	38.88	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	840508	45.23	nq #	96
84) Di-n-octyl phthalate	14.47	149	1230685	39.73	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	725513	36.42	nq #	94
87) Benzo(b)fluoranthene	14.93	252	1476984	78.28	nq	97
88) Benzo(k)fluoranthene	14.93	252	1477369	81.19	nq	97
89) Benzo(a)pyrene	15.24	252	693608	40.22	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	613189	42.98	nq	96
91) Benzo(g,h,i)perylene	17.04	276	632253	43.18	nq #	90

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

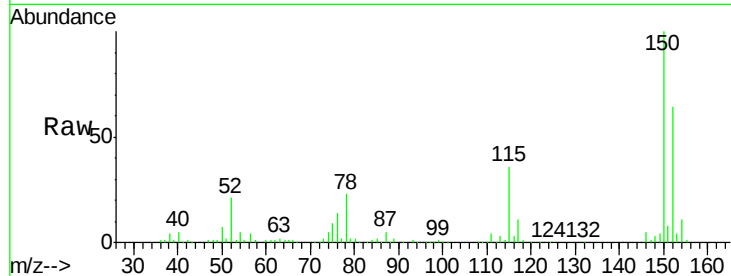


#1

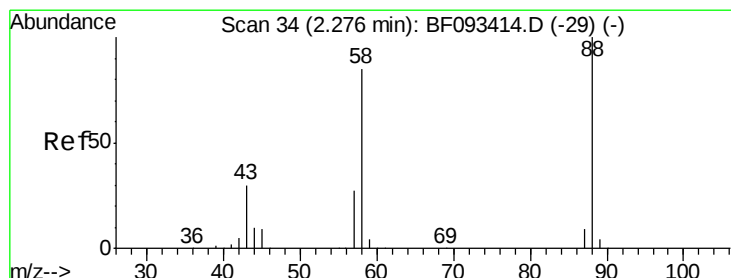
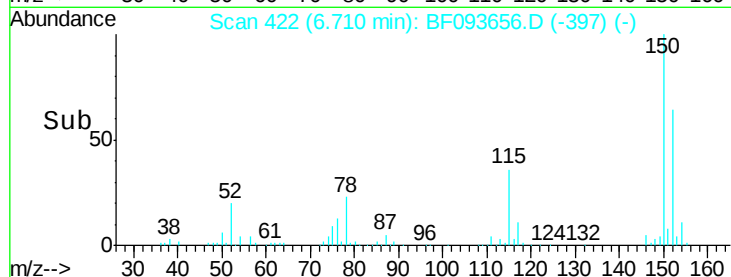
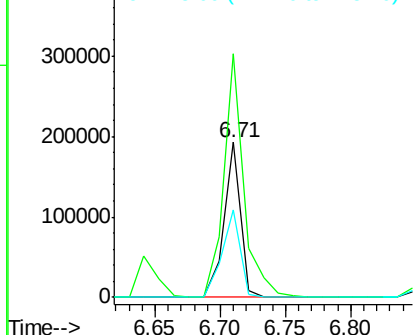
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 170945
Ion Ratio Lower Upper
152 100
150 156.9 124.9 187.3
115 56.1 46.0 69.0



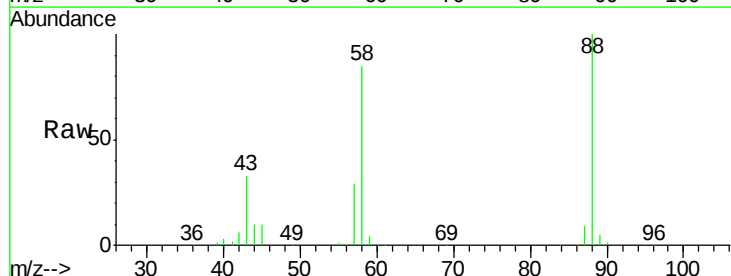
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



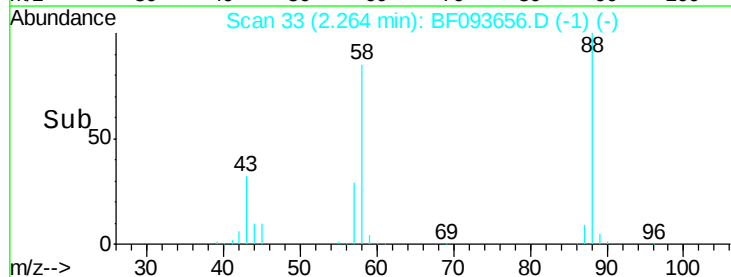
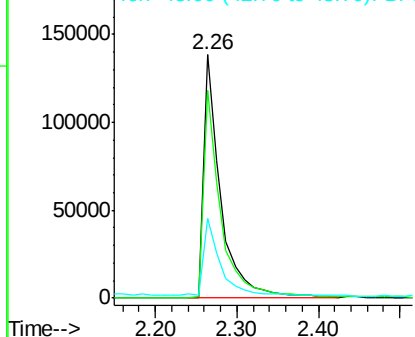
#2

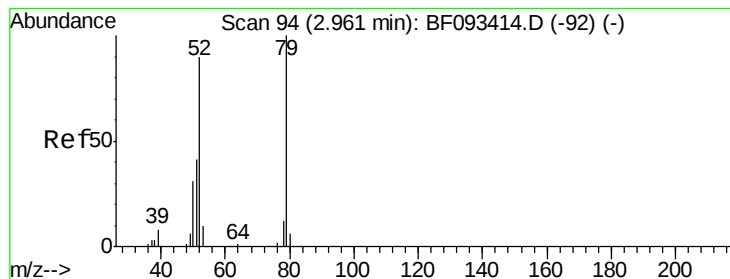
1,4-Dioxane
Concen: 36.53 ng
RT: 2.26 min Scan# 33
Delta R.T. 0.08 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion: 88 Resp: 206652
Ion Ratio Lower Upper
88 100
58 86.2 57.8 86.8
43 31.7 22.3 33.5



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





#3

Pvridine

Concen: 34.15 ng

RT: 2.94 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

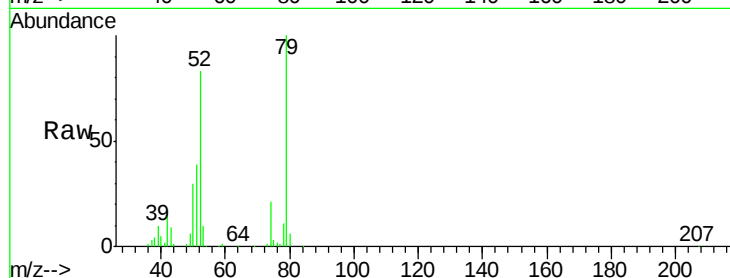
Tot Ion: 79 Resp: 492564

Ion Ratio Lower Upper

79 100

52 82.7 57.1 85.7

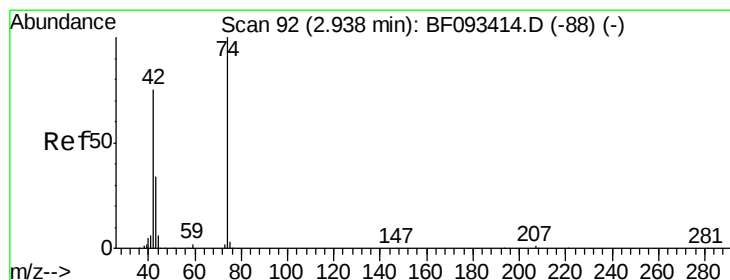
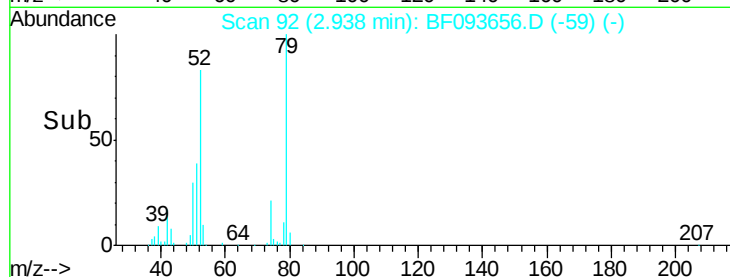
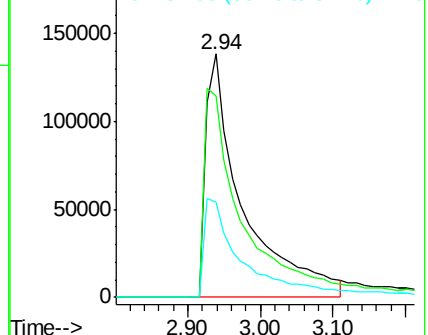
51 39.0 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.60 ng

RT: 2.90 min Scan# 89

Delta R.T. 0.07 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

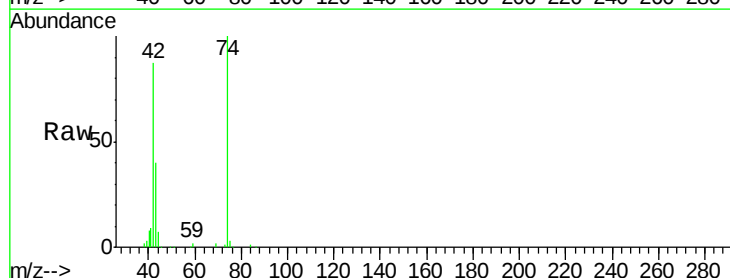
Tgt Ion: 42 Resp: 286614

Ion Ratio Lower Upper

42 100

74 114.9 117.0 175.4#

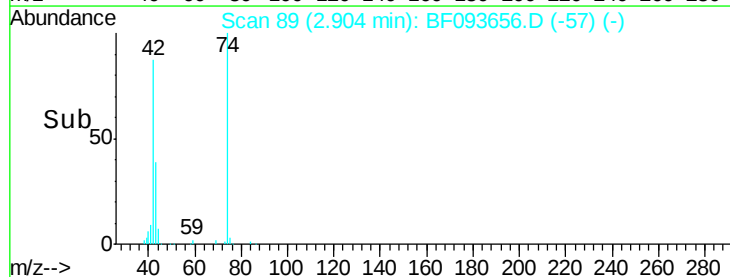
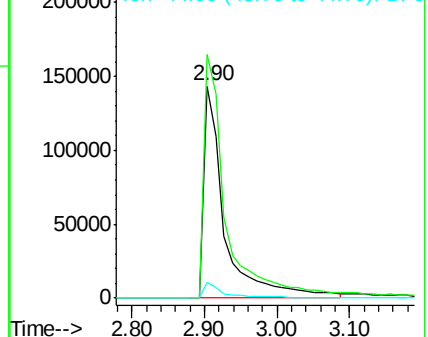
44 7.5 5.5 8.3

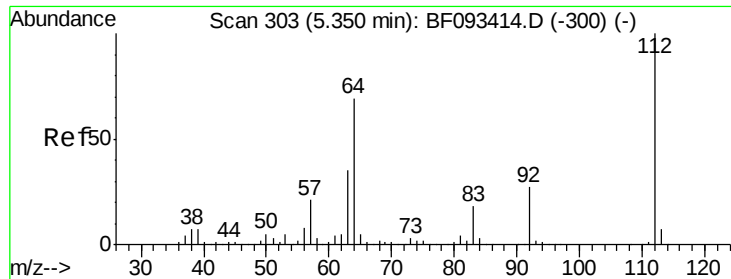


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 99.19 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampled :

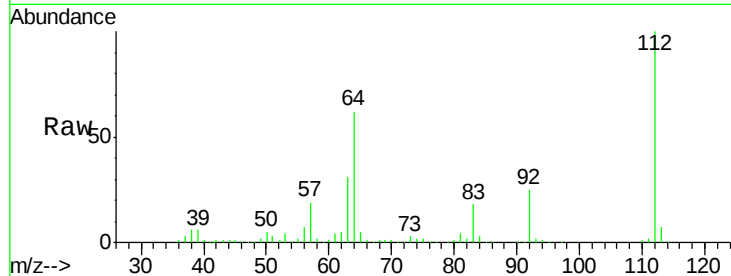
Tot Ion:112 Resp: 1018788

Ion Ratio Lower Upper

112 100

64 61.6 46.1 69.1

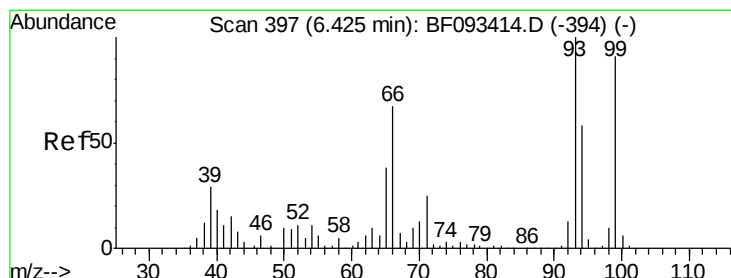
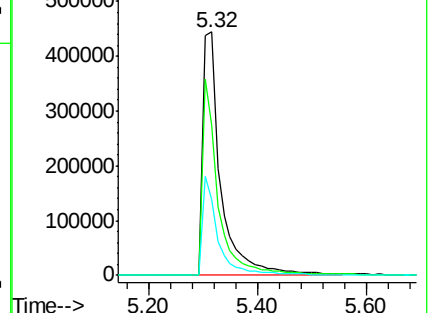
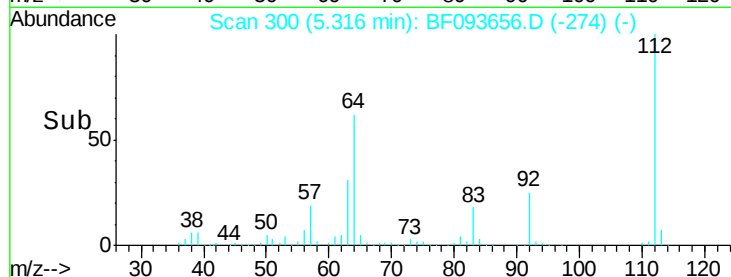
63 31.2 23.8 35.6



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: 12.73 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

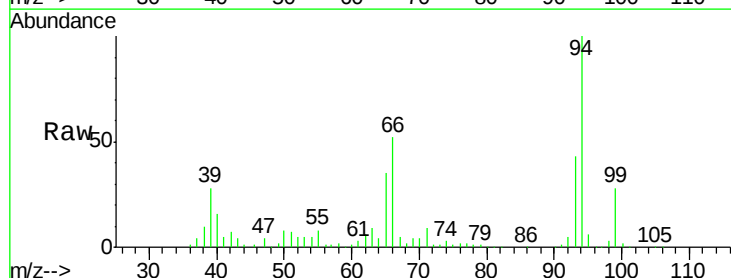
Tgt Ion: 93 Resp: 226230

Ion Ratio Lower Upper

93 100

66 122.2 76.2 114.2#

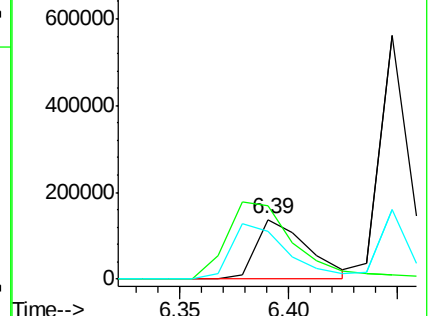
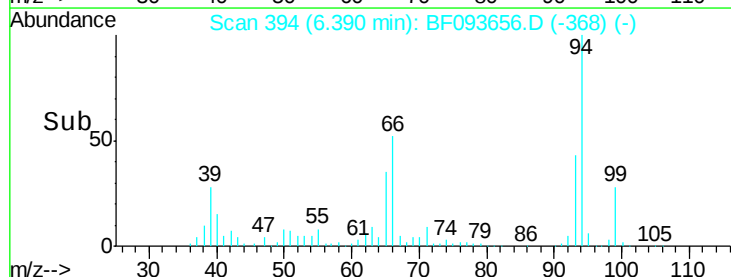
65 81.2 49.3 73.9#

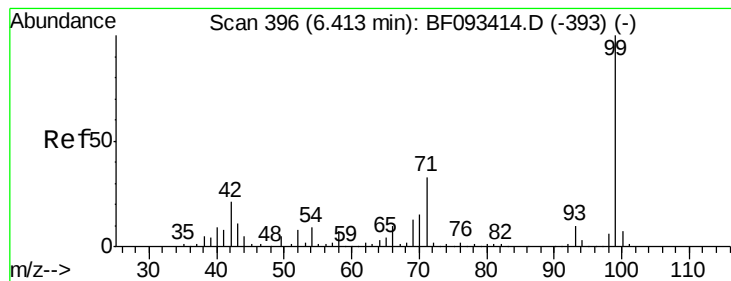


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 91.85 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

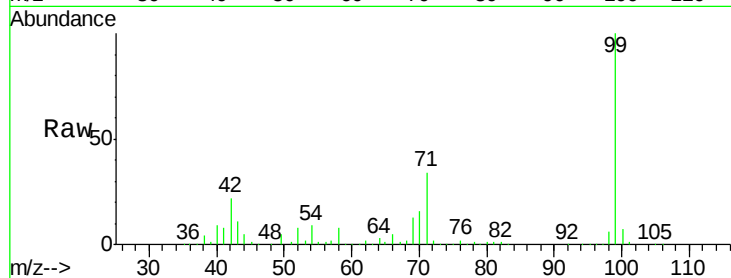
Tot Ion: 99 Resp: 1189681

Ion Ratio Lower Upper

99 100

42 22.3 15.6 23.4

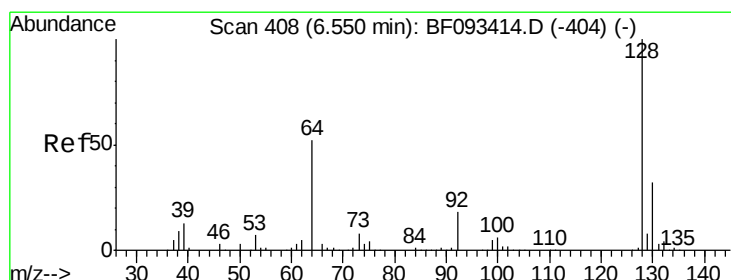
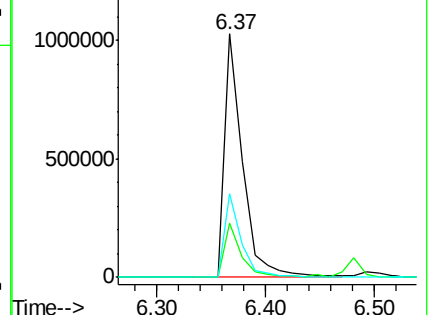
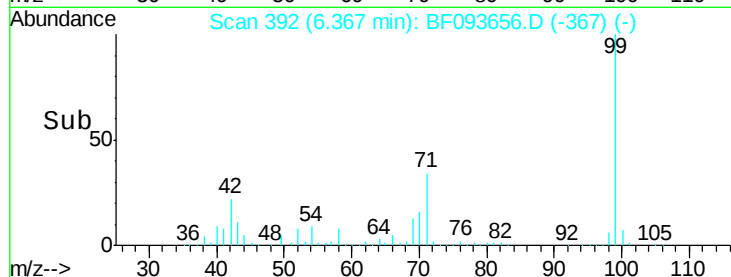
71 34.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.58 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

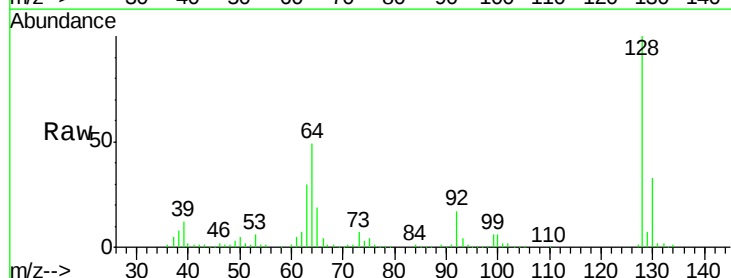
Tgt Ion:128 Resp: 478492

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

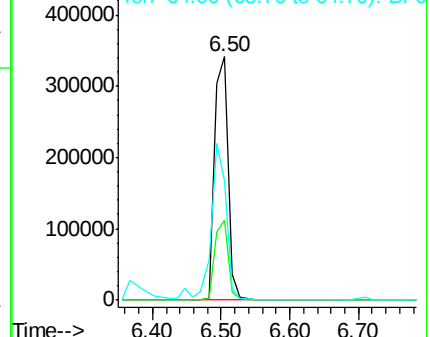
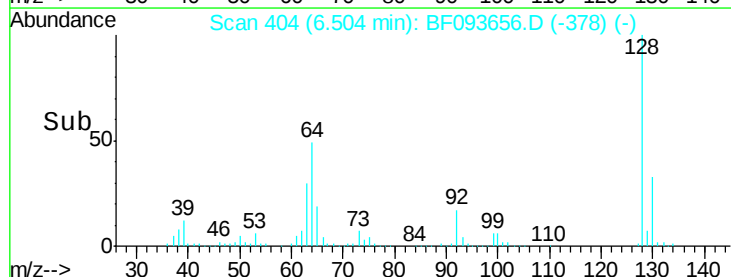
64 49.1 32.2 72.2

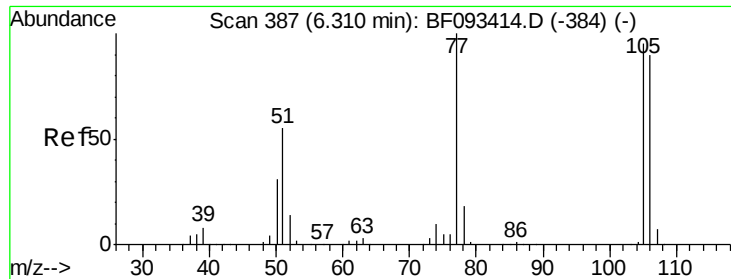


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.37 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampled :

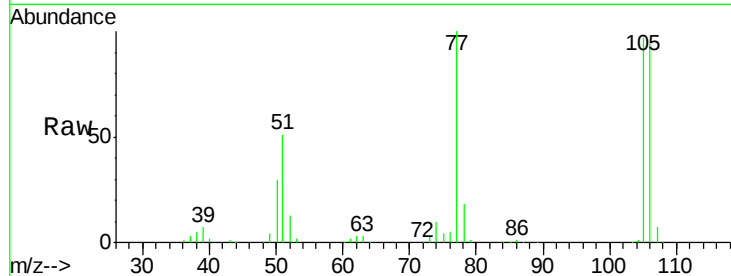
Tot Ion: 77 Resp: 298968

Ion Ratio Lower Upper

77 100

105 97.0 83.9 123.9

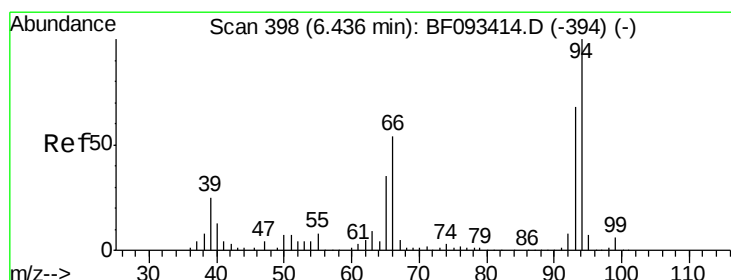
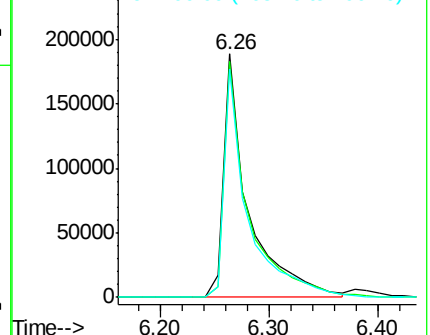
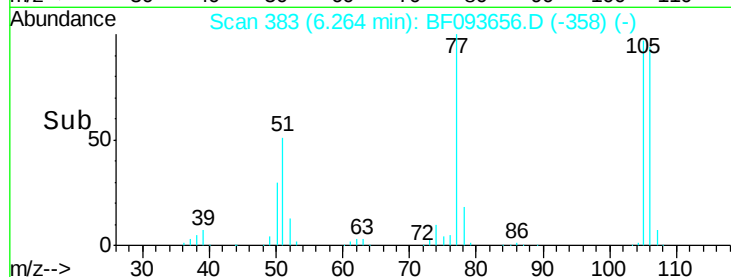
106 93.6 77.6 117.6



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: 43.64 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

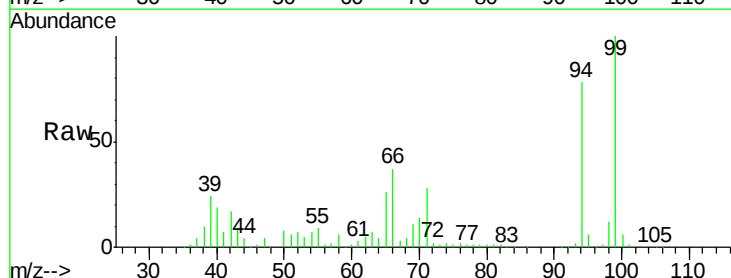
Tgt Ion: 94 Resp: 692665

Ion Ratio Lower Upper

94 100

65 33.6 21.4 61.4

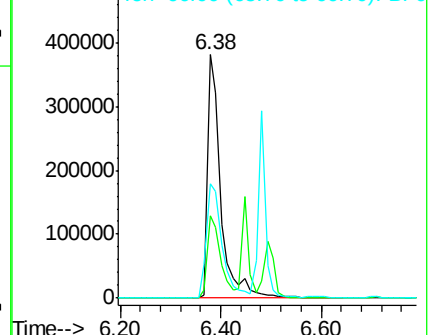
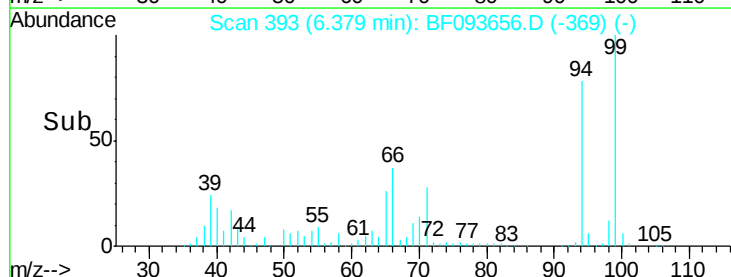
66 46.8 44.0 84.0

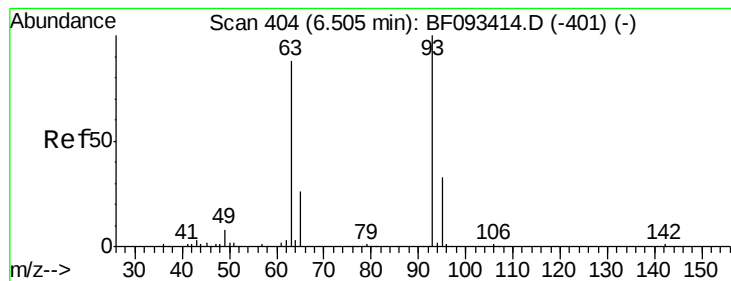


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

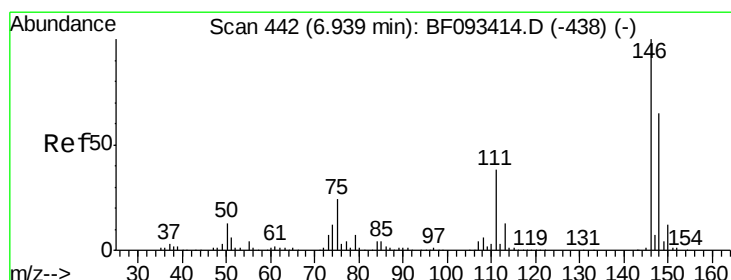
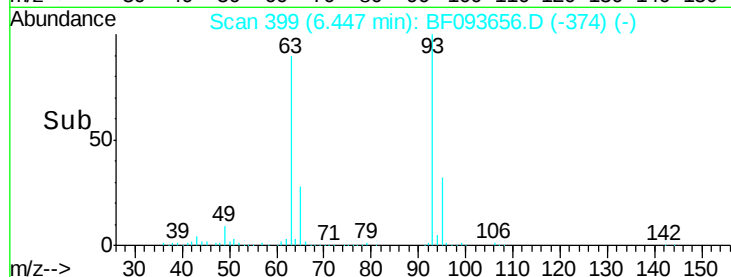
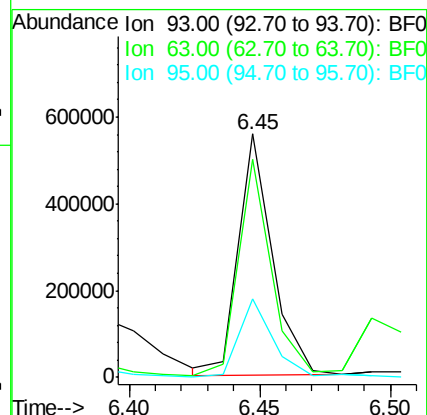
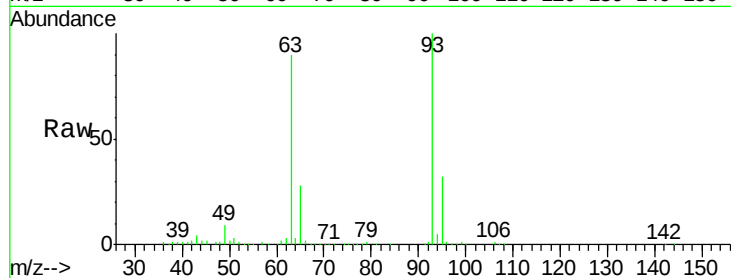




#11
bis(2-Chloroethyl)ether
Concen: 39.53 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

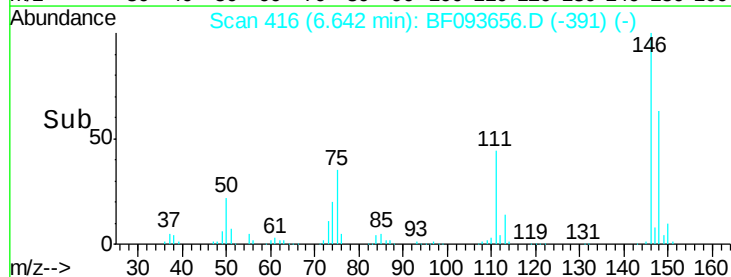
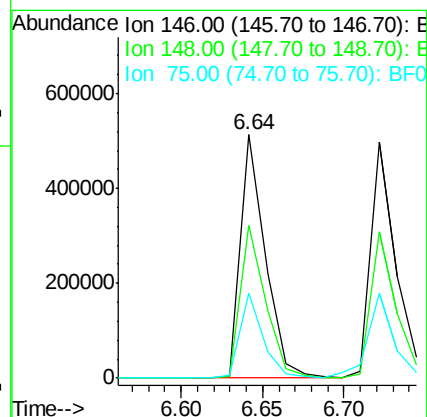
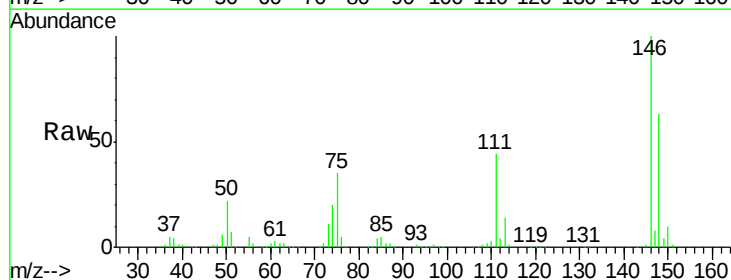
Instrument :
BNA_M
ClientSampleId :

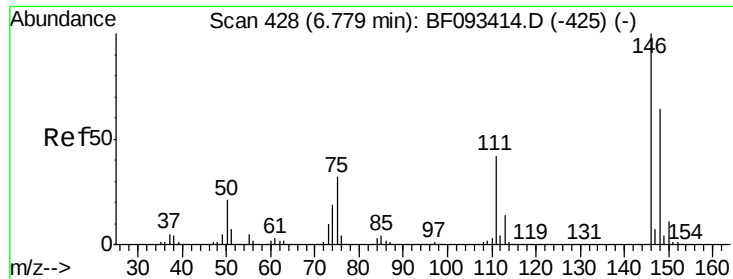
Tot Ion: 93 Resp: 507043
Ion Ratio Lower Upper
93 100
63 89.6 60.4 100.4
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.61 ng
RT: 6.64 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion: 146 Resp: 534903
Ion Ratio Lower Upper
146 100
148 62.7 53.4 80.0
75 34.8 18.5 27.7#

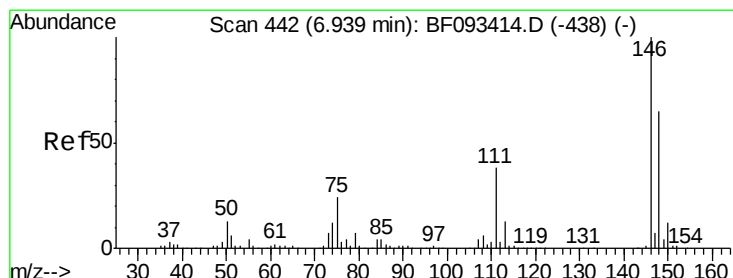
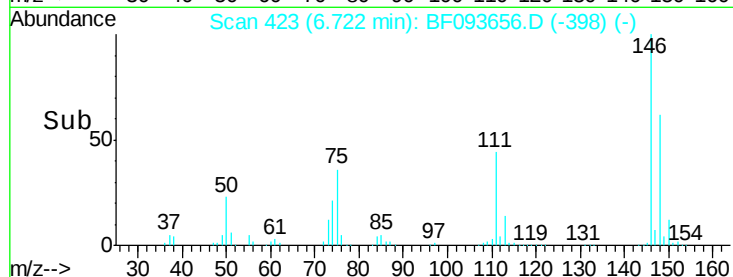
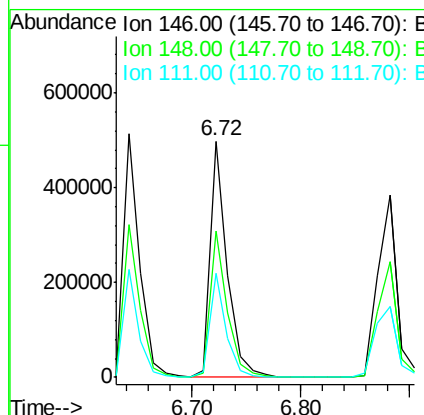
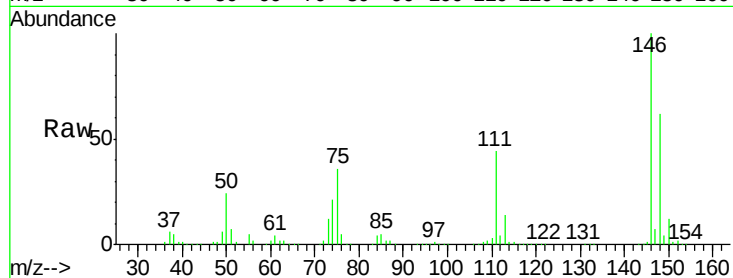




#13
 1,4-Dichlorobenzene
 Concen: 40.47 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

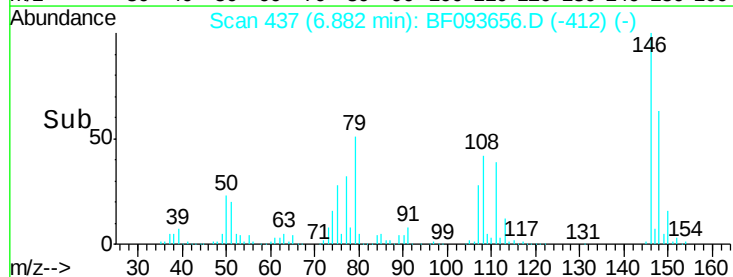
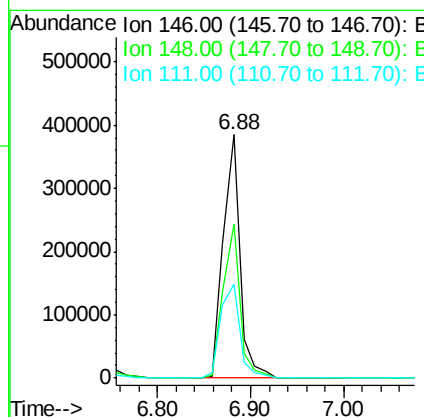
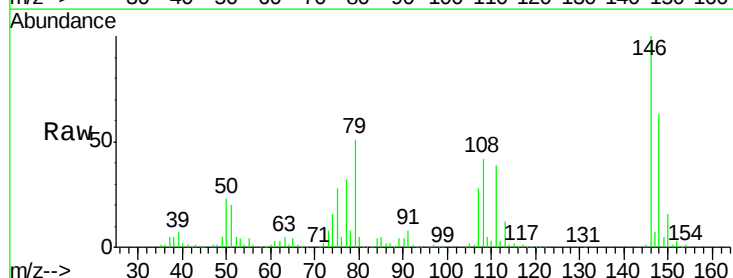
Instrument :
 BNA_M
 ClientSampleId :

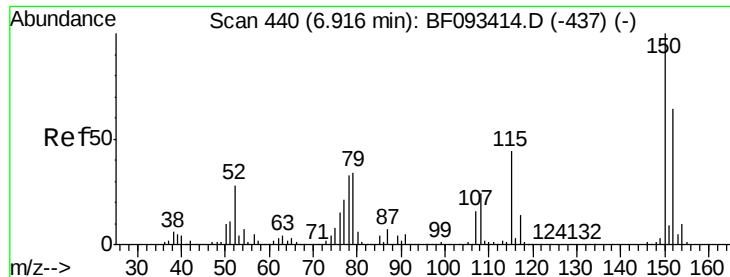
Tot Ion:146 Resp: 545764
 Ion Ratio Lower Upper
 146 100
 148 61.8 50.6 76.0
 111 43.9 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 39.95 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion:146 Resp: 477124
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.2
 111 38.8 36.2 54.2

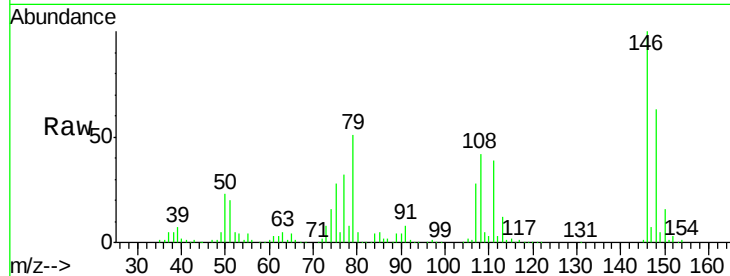




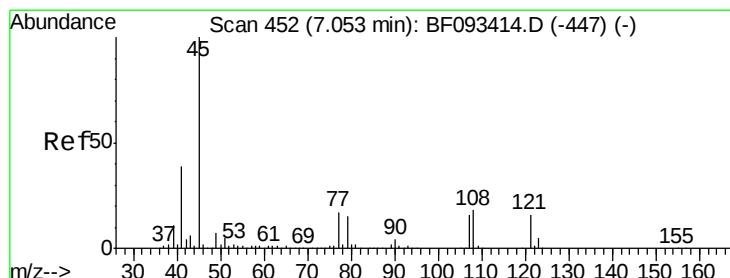
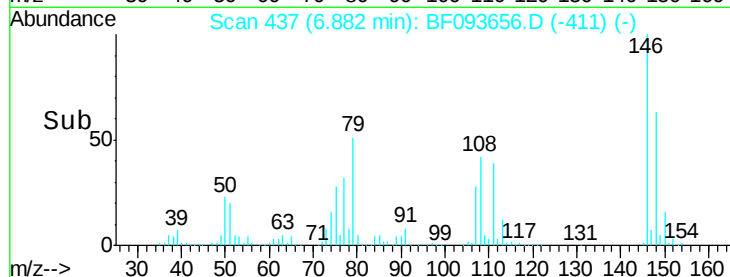
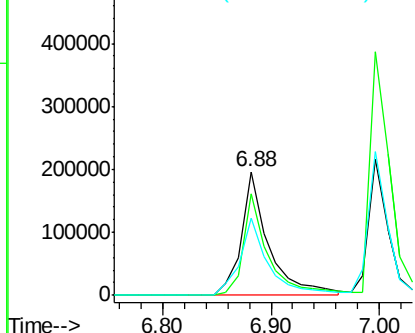
#15
Benzyl Alcohol
Concen: 37.22 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 79 Resp: 343671
Ion Ratio Lower Upper
79 100
108 81.6 61.4 92.0
77 62.3 50.9 76.3

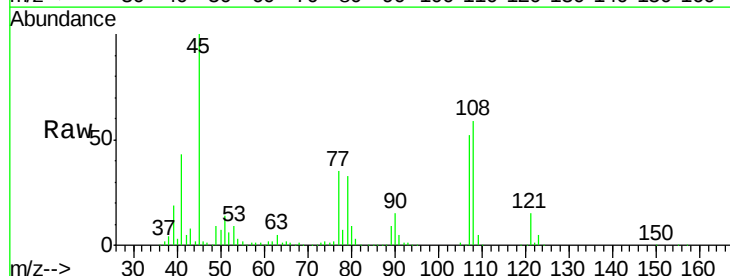


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

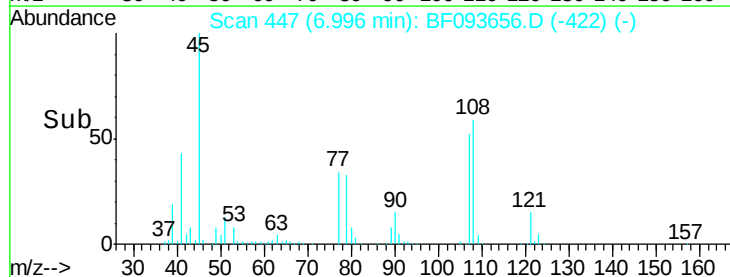
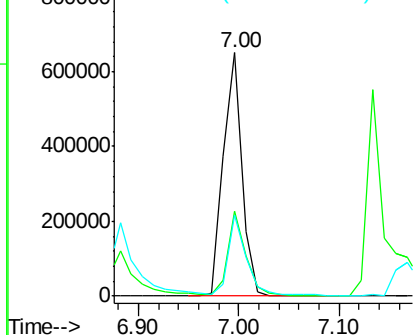


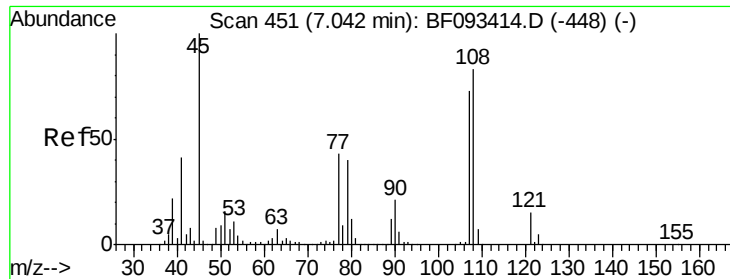
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.31 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion: 45 Resp: 837610
Ion Ratio Lower Upper
45 100
77 35.1 0.0 34.6#
79 33.3 0.0 31.2#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

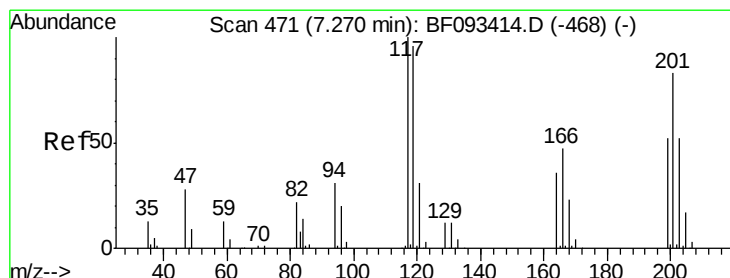
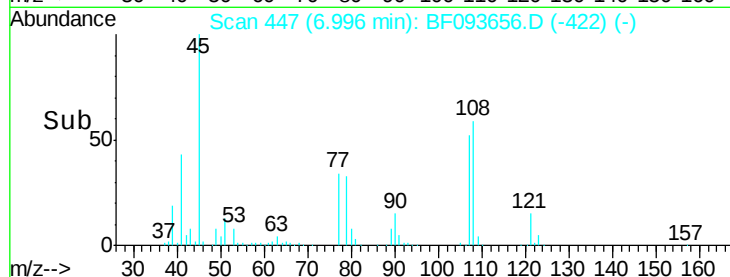
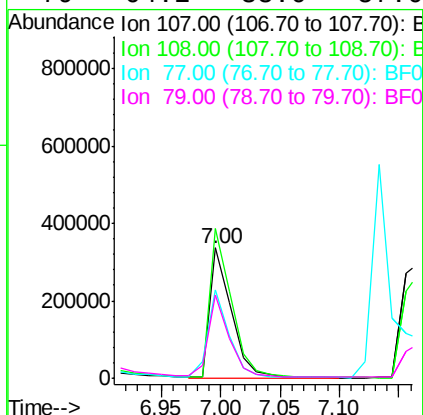
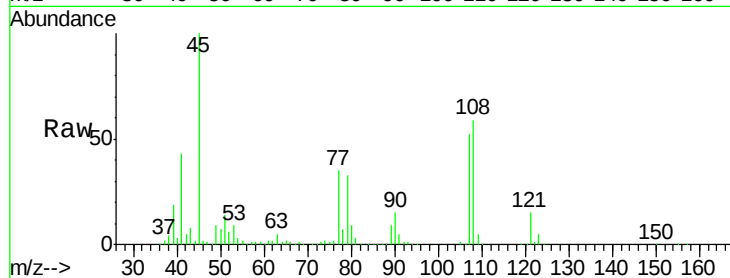




#17
2-Methylphenol
Concen: 43.01 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

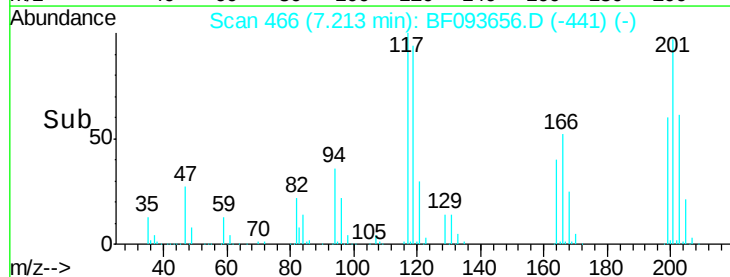
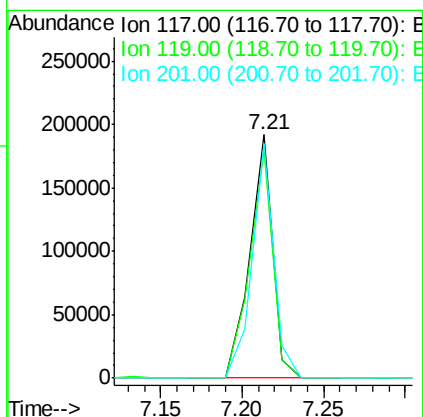
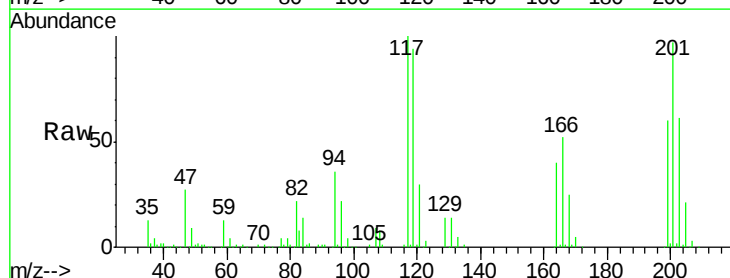
Instrument :
BNA_M
ClientSampleId :

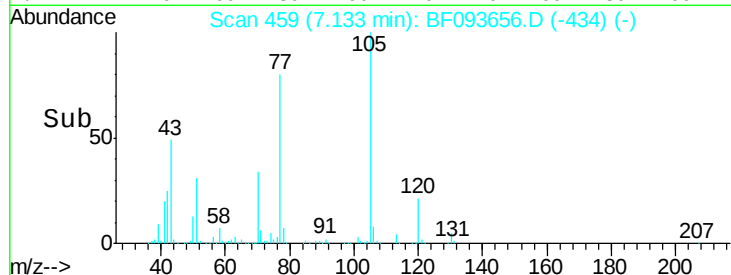
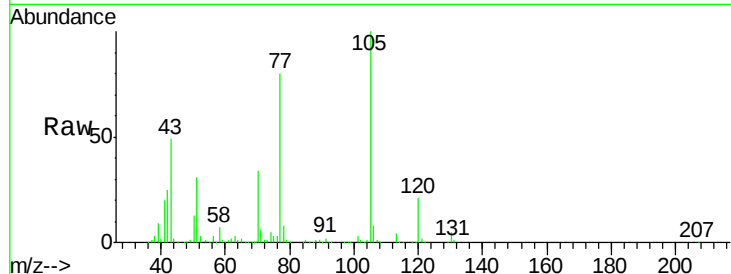
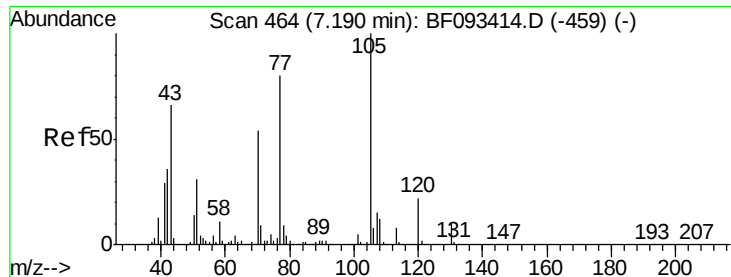
Tot Ion:107 Resp: 418675
Ion Ratio Lower Upper
107 100
108 114.7 93.0 139.6
77 67.8 39.8 59.8#
79 64.2 38.0 57.0#



#18
Hexachloroethane
Concen: 40.95 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion:117 Resp: 186262
Ion Ratio Lower Upper
117 100
119 93.9 78.1 117.1
201 96.6 78.6 117.8

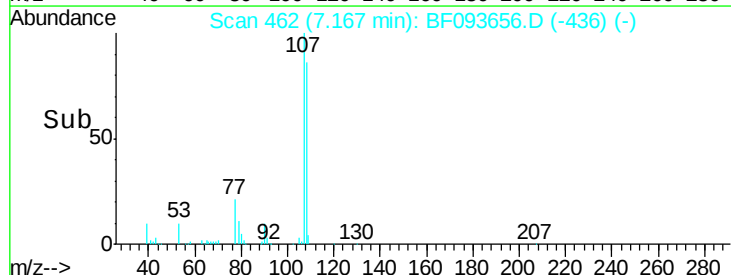
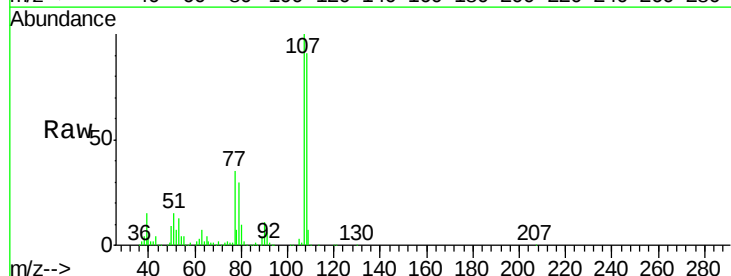
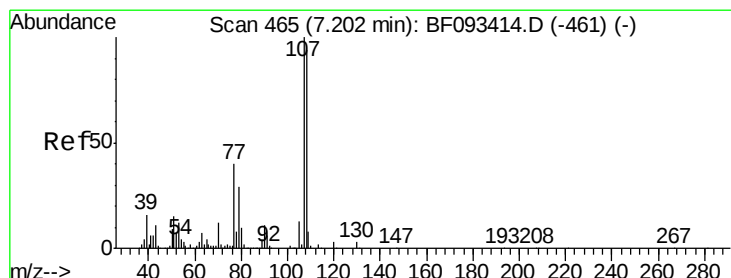
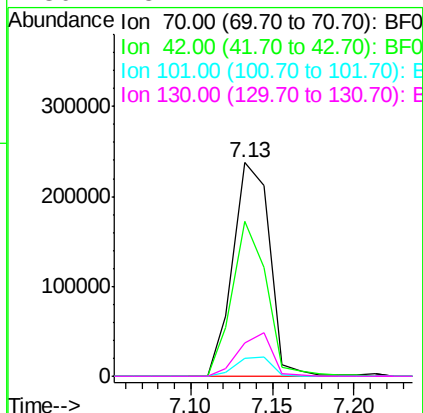




#19
n-Nitroso-di-n-propylamine
Concen: 41.45 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

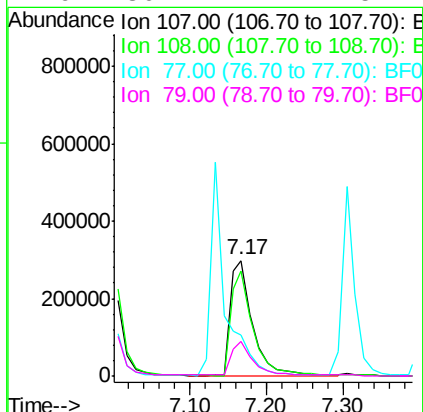
Instrument :
BNA_M
ClientSampleId :

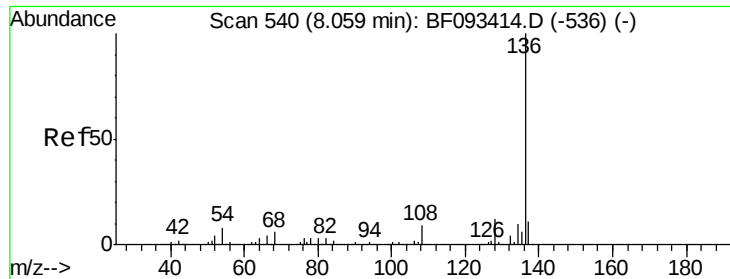
Tot Ion:	70	Resp:	369117
Ion	Ratio	Lower	Upper
70	100		
42	72.3	49.4	74.0
101	8.1	7.4	11.2
130	15.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 47.72 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion:	107	Resp:	602422
Ion	Ratio	Lower	Upper
107	100		
108	91.3	73.0	113.0
77	35.0	71.3	111.3#
79	30.1	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093656.D

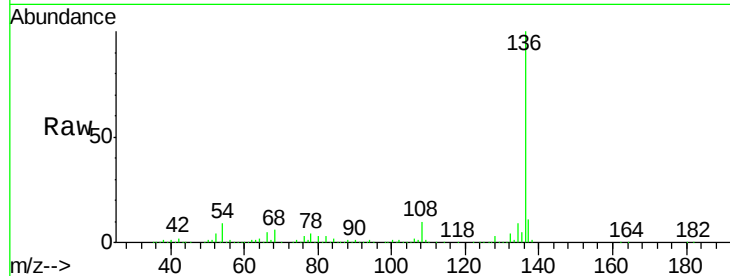
Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	755125
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.4 12.6
54	9.1	4.5 6.7#
68	6.5	3.6 5.4#

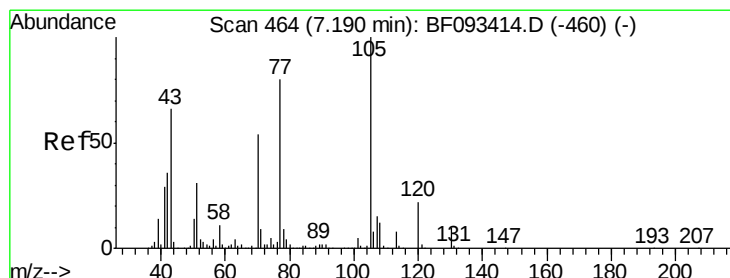
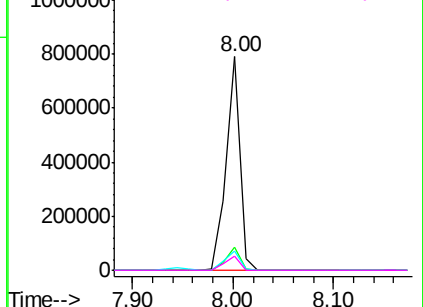
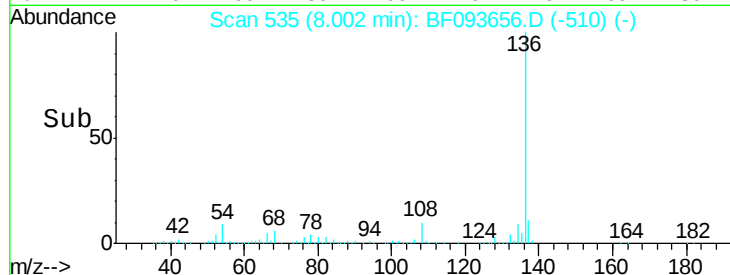


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.69 ng

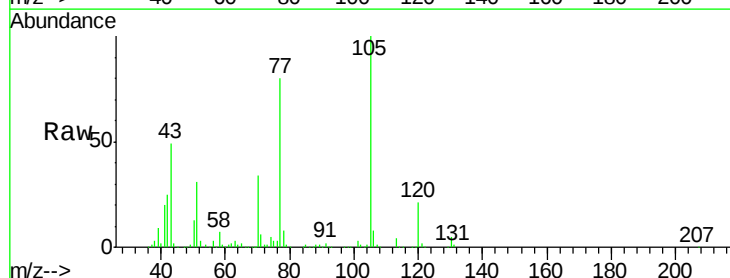
RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Tgt Ion:105	Resp:	684816
Ion Ratio	Lower	Upper
105	100	
71	5.8	3.2 4.8#
51	31.3	26.2 39.4
120	21.1	16.6 24.8

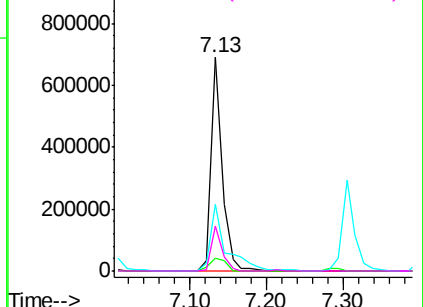
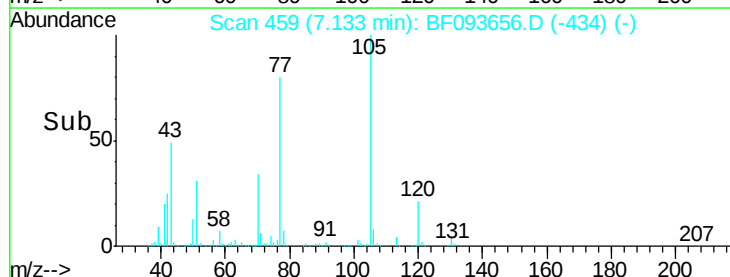


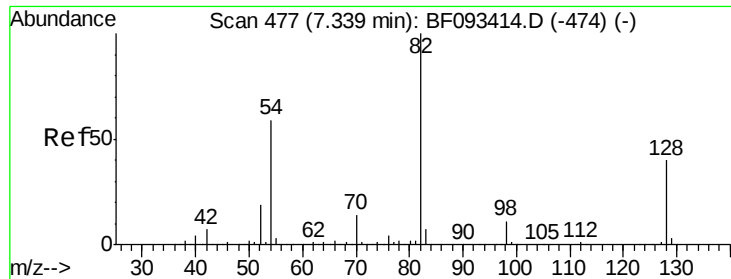
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

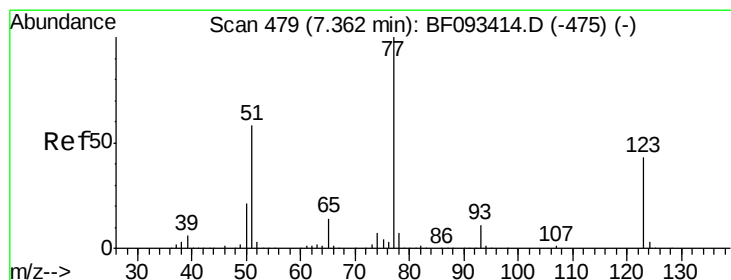
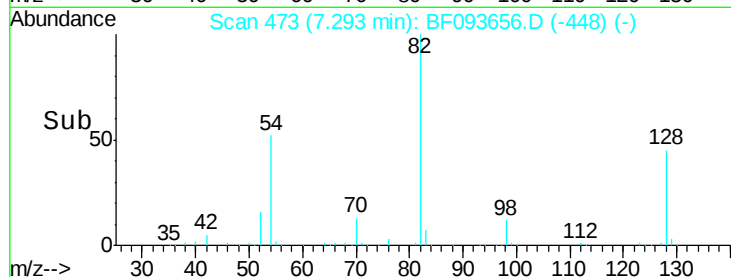
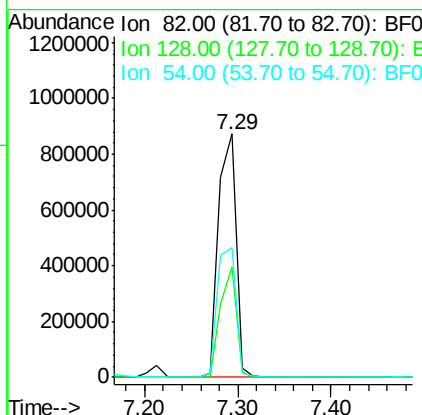
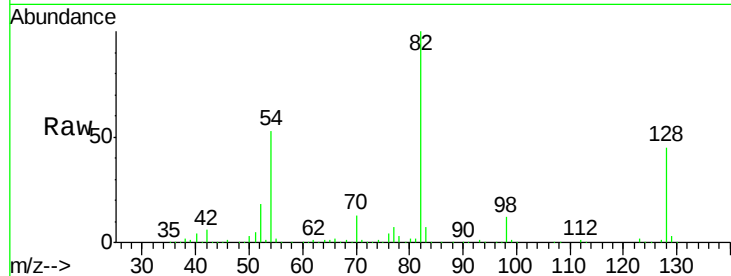




#23
 Nitrobenzene-d5
 Concen: 83.49 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

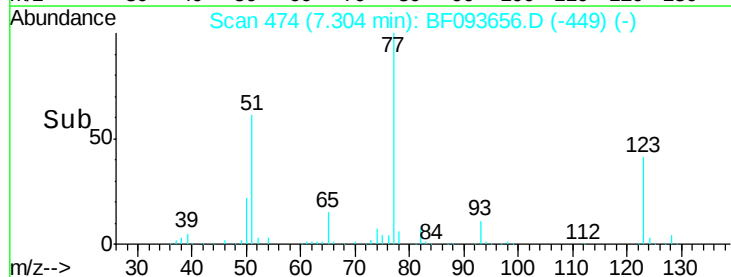
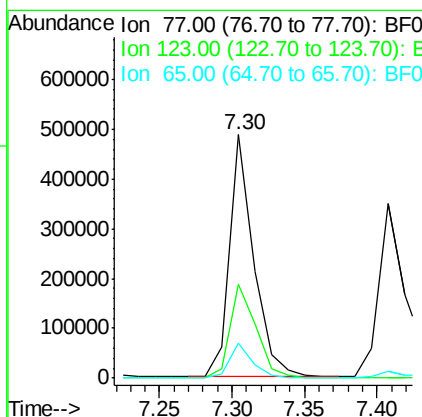
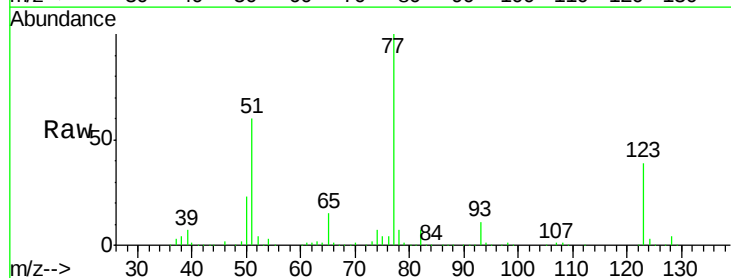
Instrument :
 BNA_M
 ClientSampleId :

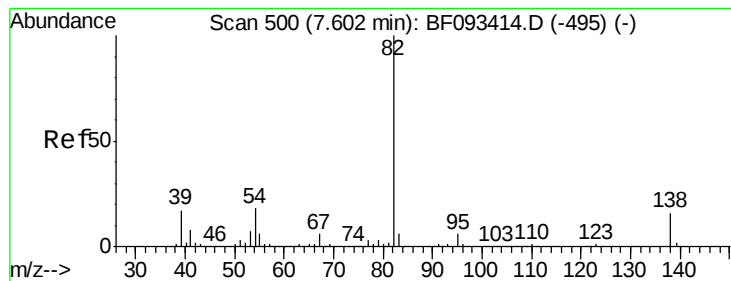
Tot Ion: 82 Resp: 1136320
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.6 52.0
 54 53.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 36.73 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion: 77 Resp: 561858
 Ion Ratio Lower Upper
 77 100
 123 38.7 33.0 49.4
 65 14.5 11.2 16.8





#25

Isophorone

Concen: 35.39 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

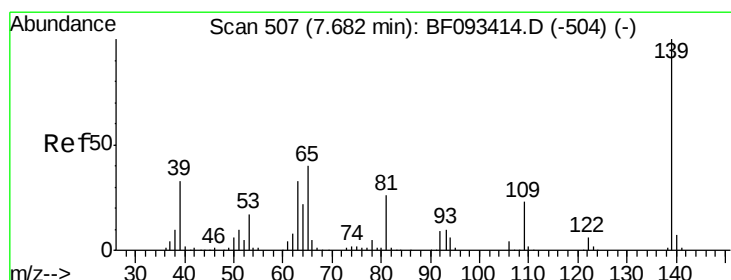
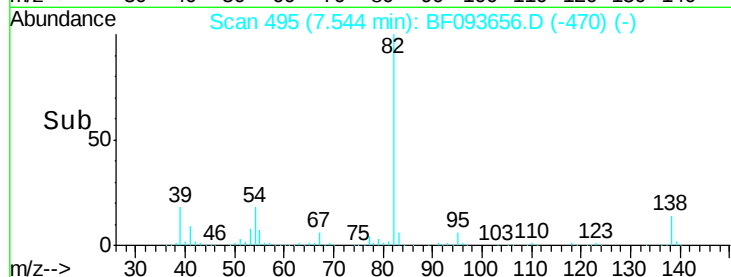
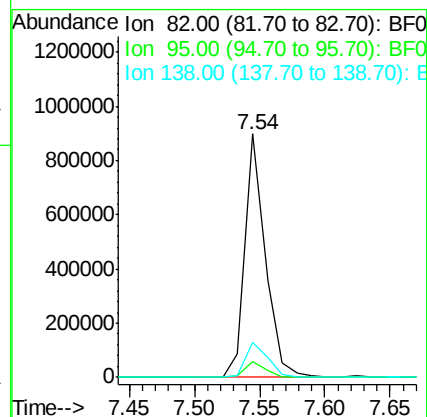
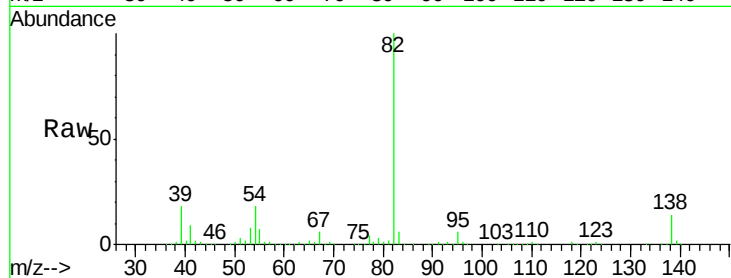
Tot Ion: 82 Resp: 971152

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

138 14.2 14.6 22.0#



#26

2-Nitrophenol

Concen: 38.05 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

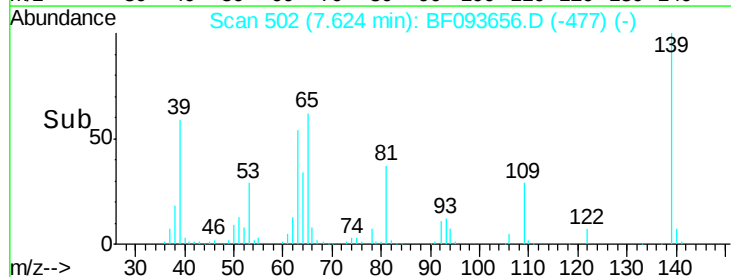
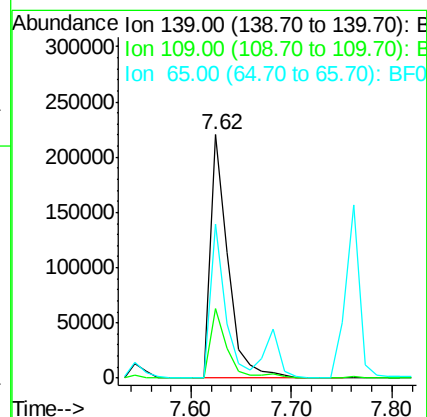
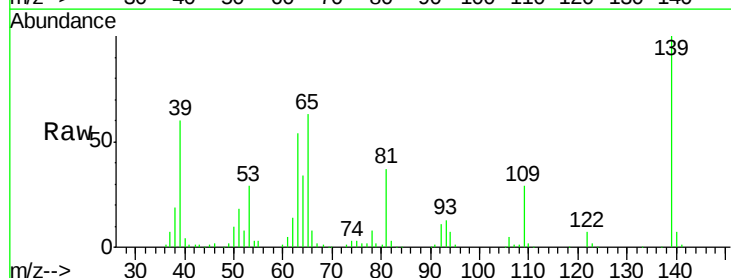
Tgt Ion: 139 Resp: 265516

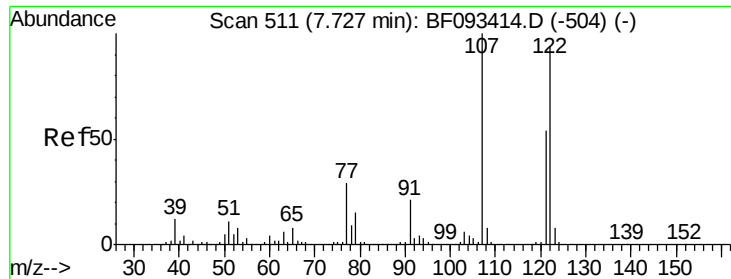
Ion Ratio Lower Upper

139 100

109 28.5 23.3 34.9

65 63.2 42.7 64.1

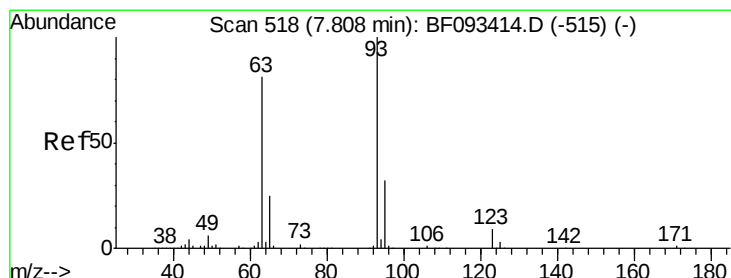
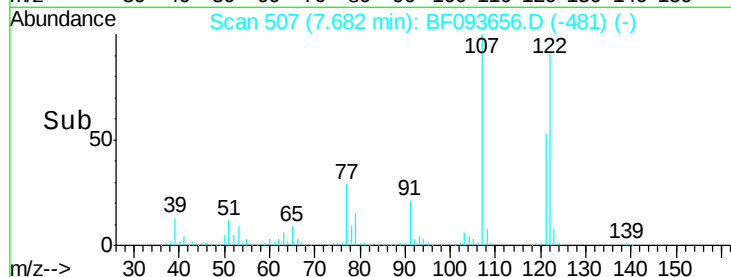
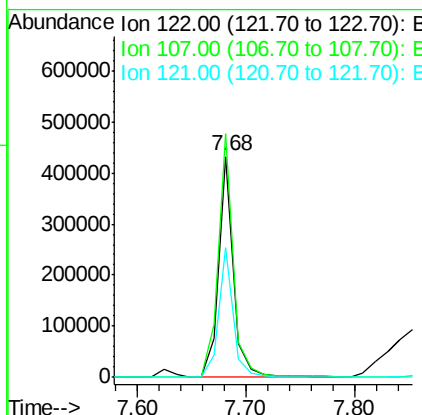
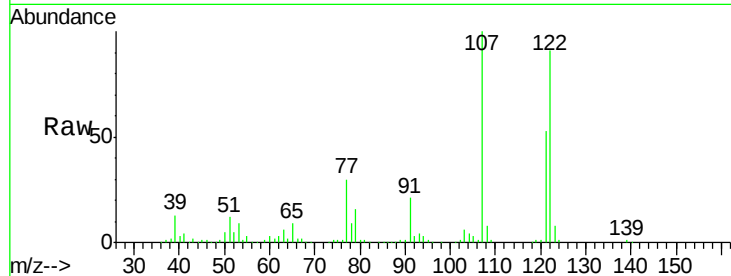




#27
2,4-Dimethylphenol
Concen: 36.06 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

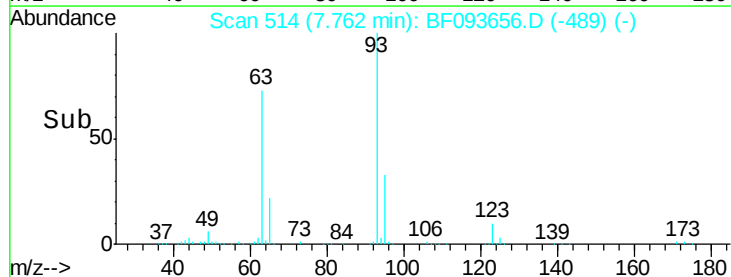
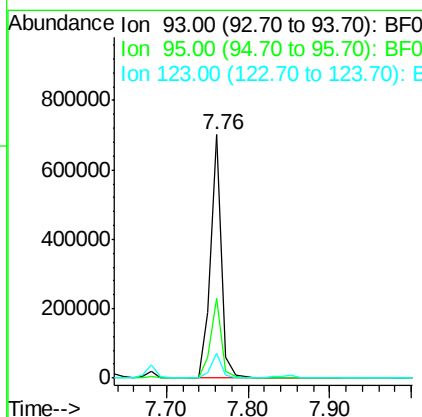
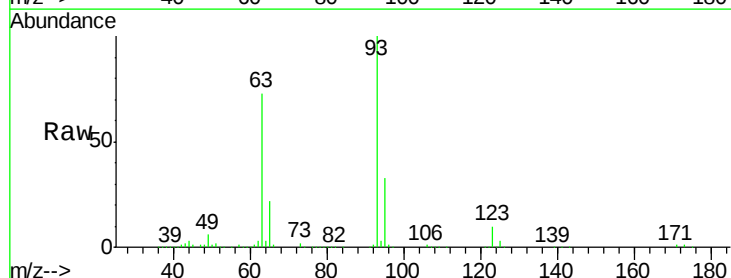
Instrument :
BNA_M
ClientSampleId :

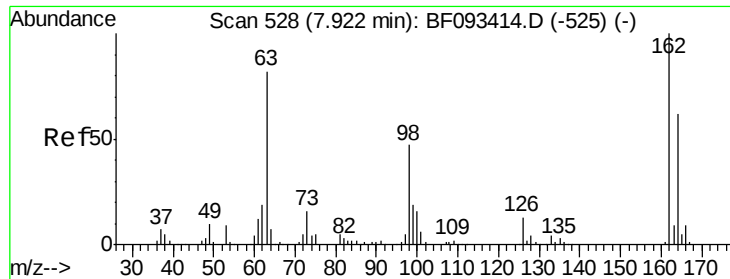
Tot Ion:122 Resp: 409415
Ion Ratio Lower Upper
122 100
107 110.3 94.1 141.1
121 58.5 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 38.29 ng
RT: 7.76 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion: 93 Resp: 663339
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 10.1 8.6 13.0

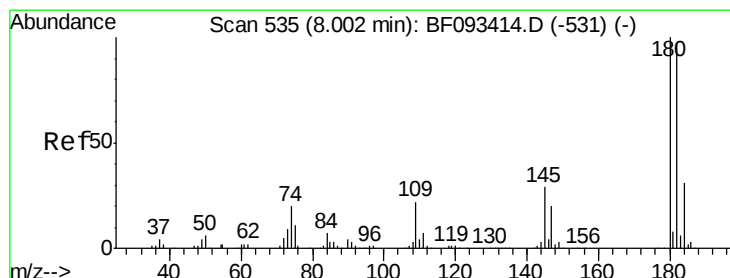
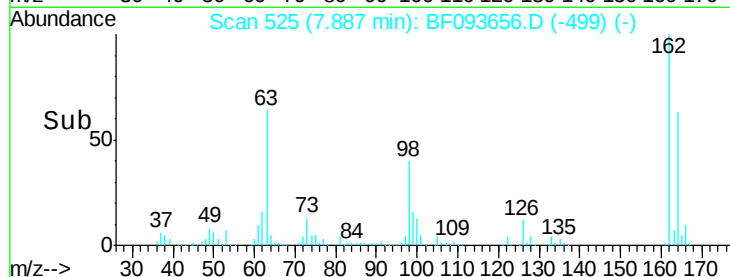
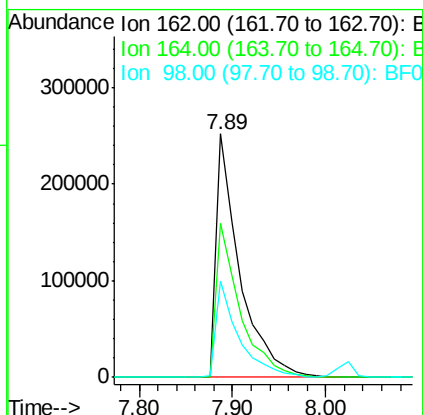
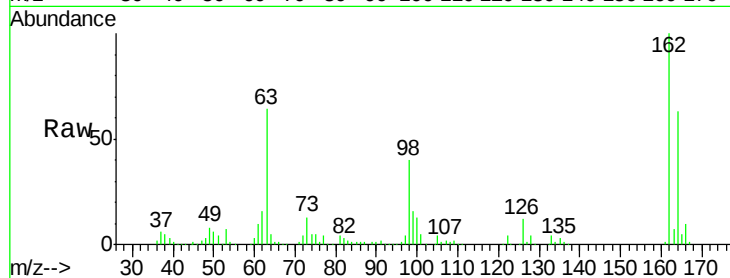




#29
 2,4-Dichlorophenol
 Concen: 40.97 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

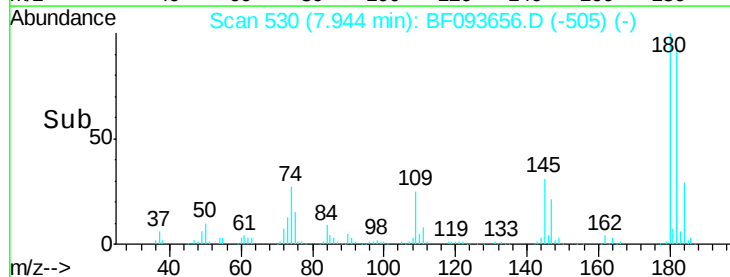
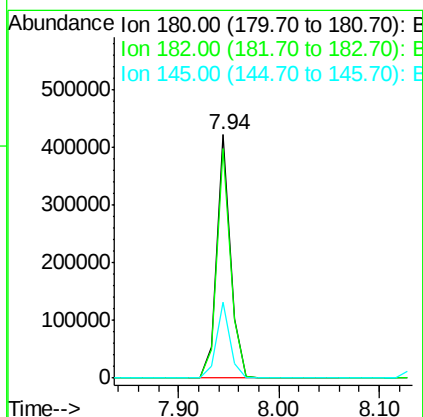
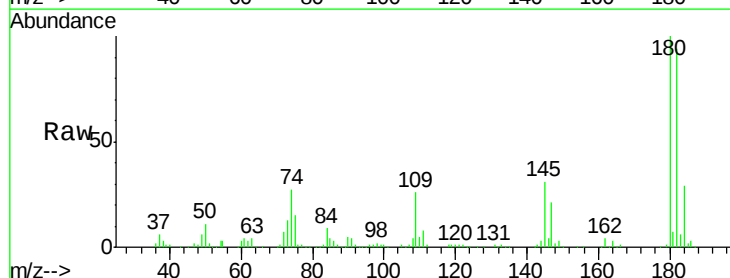
Instrument :
 BNA_M
 ClientSampleId :

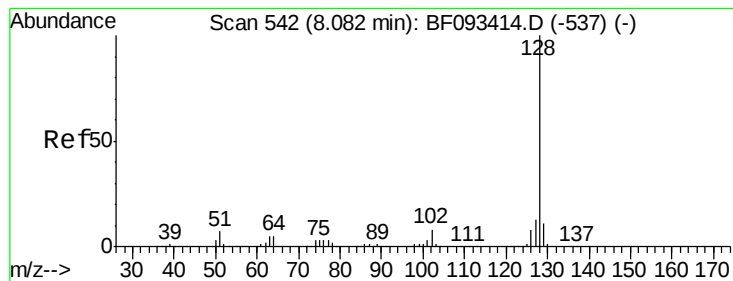
Tot Ion:162 Resp: 437605
 Ion Ratio Lower Upper
 162 100
 164 63.1 46.8 86.8
 98 39.8 9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.32 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion:180 Resp: 401191
 Ion Ratio Lower Upper
 180 100
 182 94.4 78.2 117.4
 145 31.1 21.6 32.4





#31

Naphthalene

Concen: 36.06 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

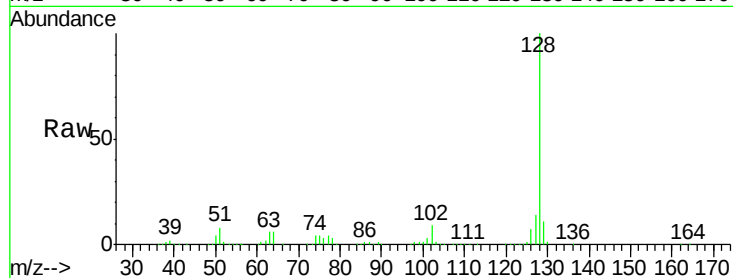
Tot Ion:128 Resp: 1364518

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

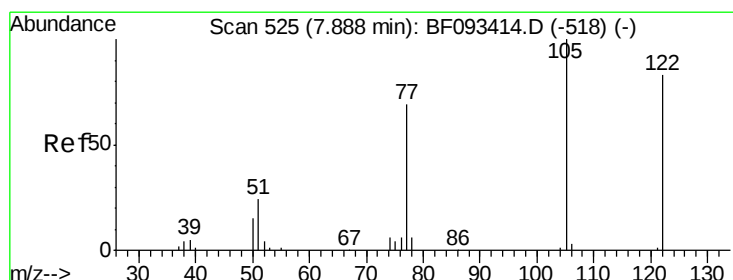
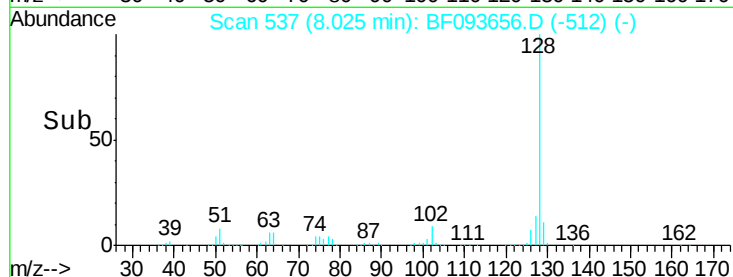
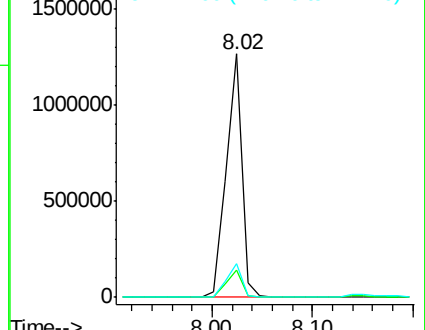
127 13.6 10.8 16.2



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: 38.38 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

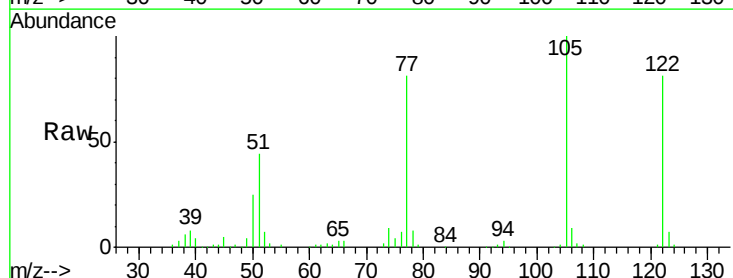
Tgt Ion:122 Resp: 226441

Ion Ratio Lower Upper

122 100

105 123.4 107.2 147.2

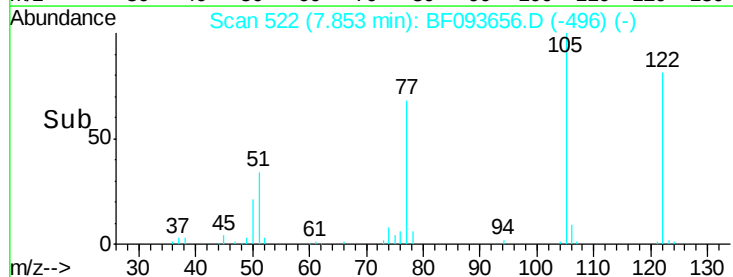
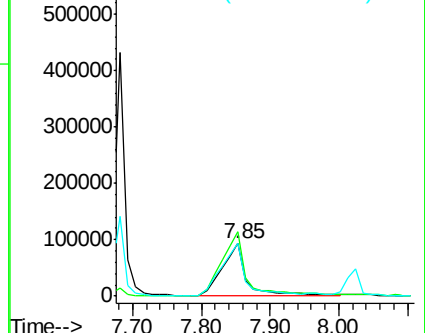
77 100.0 74.5 114.5

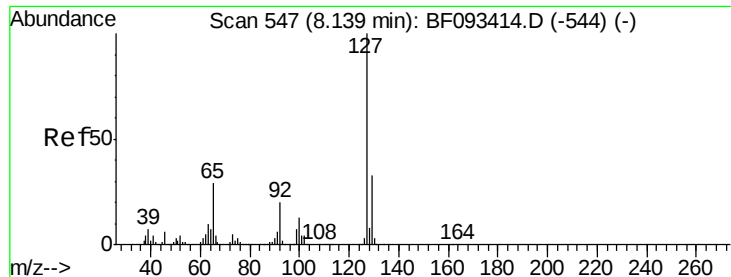


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

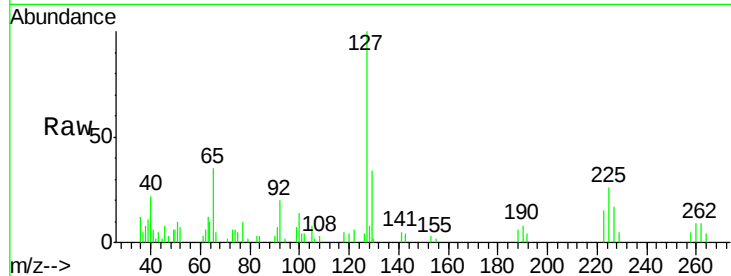




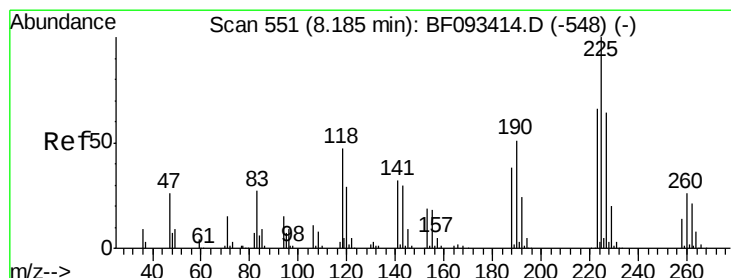
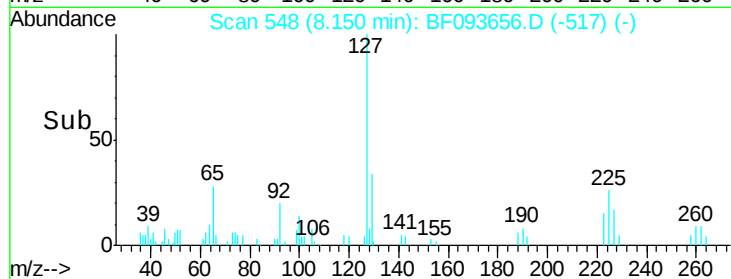
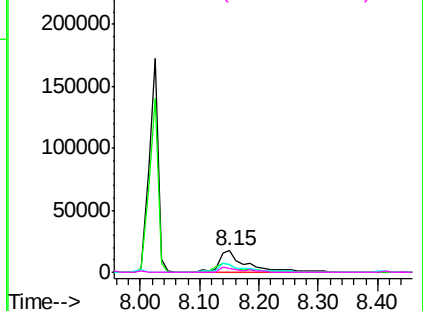
#33
4-Chloroaniline
Concen: 3.66 ng
RT: 8.15 min Scan# 548
Delta R.T. 0.06 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	56258
Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.3	39.5
65	35.5	25.8	38.8
92	19.9	16.1	24.1

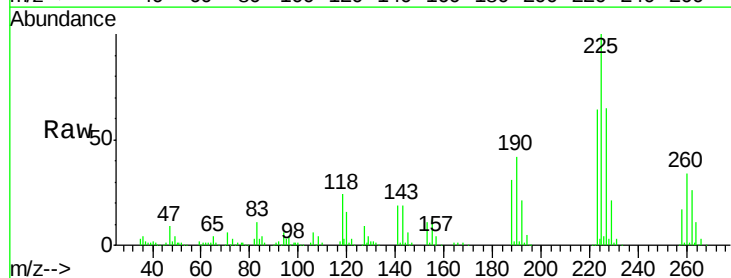


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

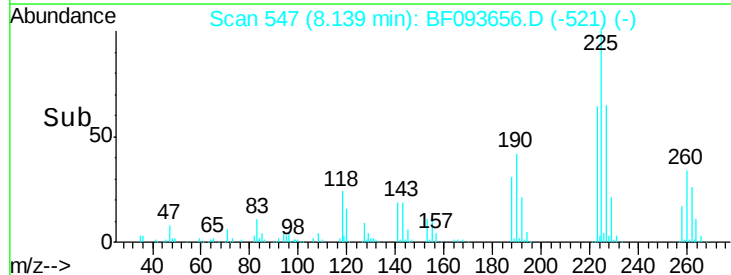
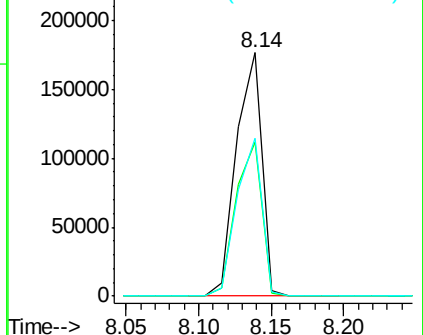


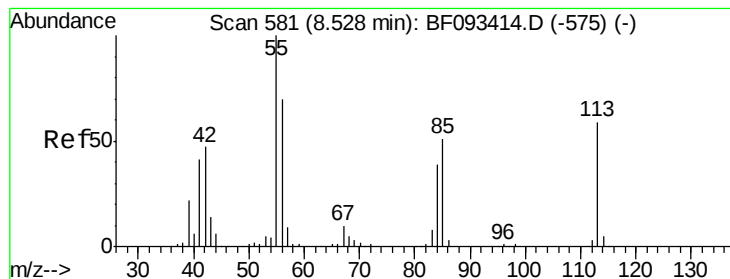
#34
Hexachlorobutadiene
Concen: 36.88 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion:	225	Resp:	215768
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	64.6	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.18 ng

RT: 8.47 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

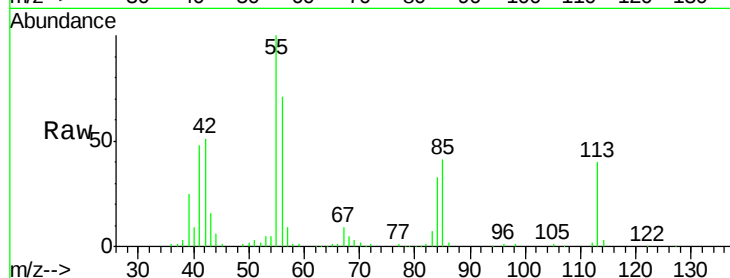
Tot Ion:113 Resp: 84558

Ion Ratio Lower Upper

113 100

55 247.6 119.2 159.2#

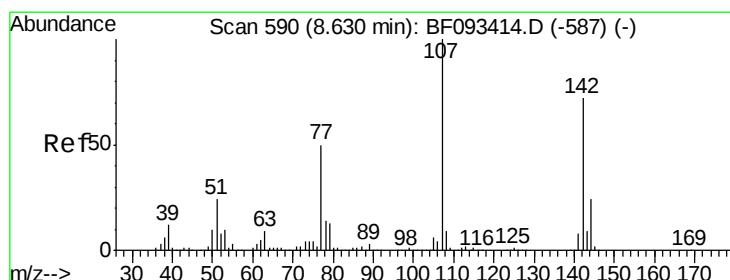
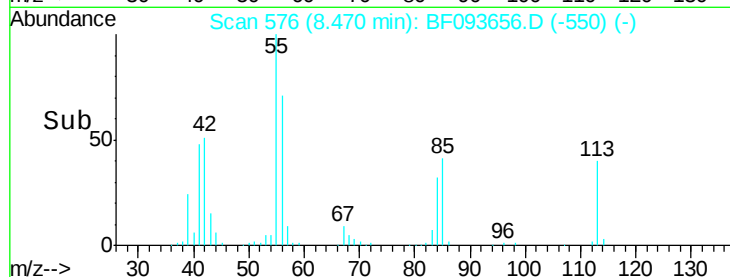
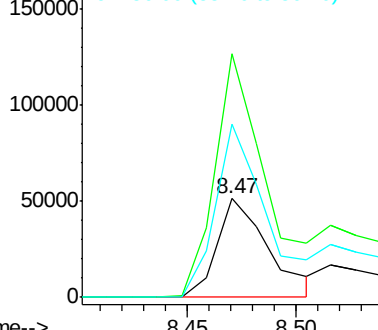
56 176.2 83.8 123.8#



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: 36.53 ng

RT: 8.61 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

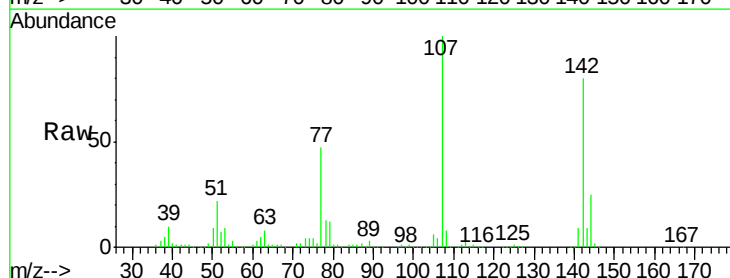
Tgt Ion:107 Resp: 416421

Ion Ratio Lower Upper

107 100

144 25.5 19.3 28.9

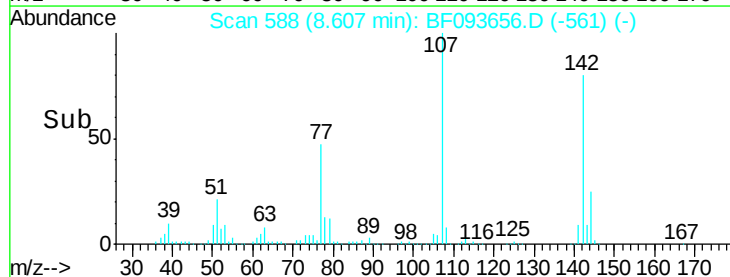
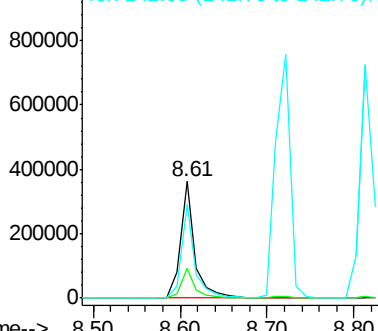
142 79.9 59.0 88.6

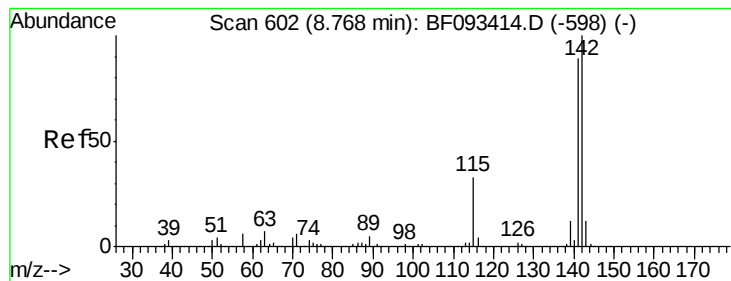


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.86 ng

RT: 8.72 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

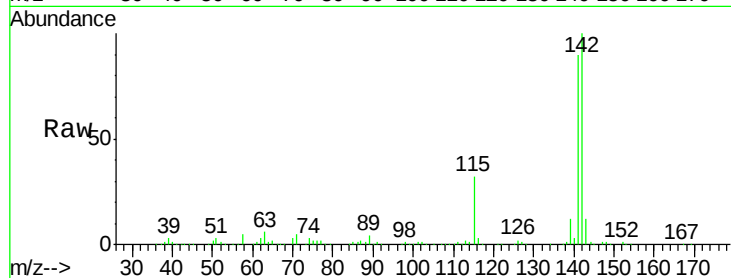
Tot Ion:142 Resp: 887447

Ion Ratio Lower Upper

142 100

141 89.7 71.0 106.6

115 32.2 28.3 42.5



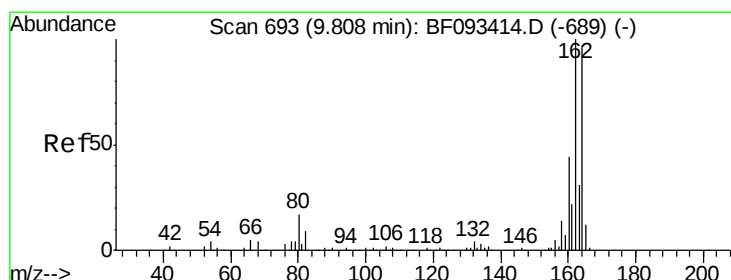
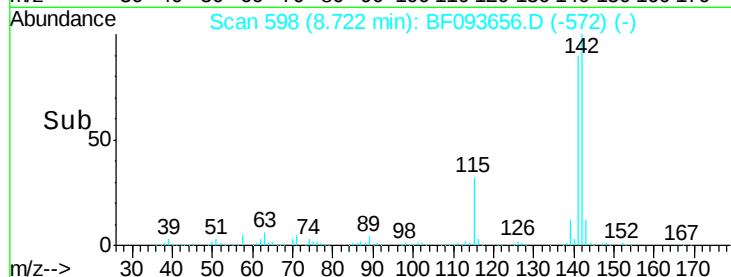
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.72

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

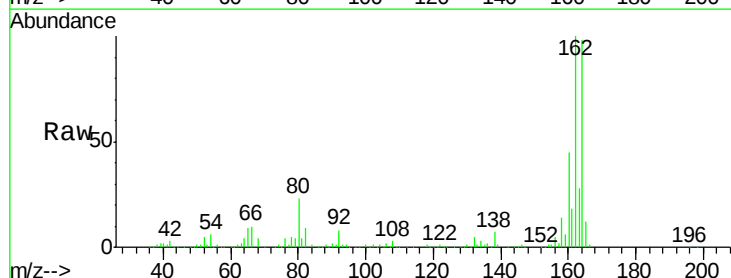
Tgt Ion:164 Resp: 344800

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

160 45.9 36.9 55.3



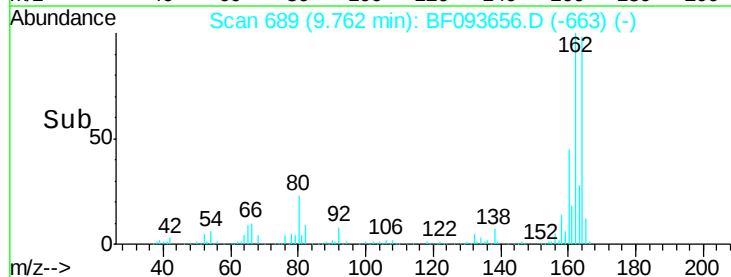
Abundance Ion 164.00 (163.70 to 164.70): E

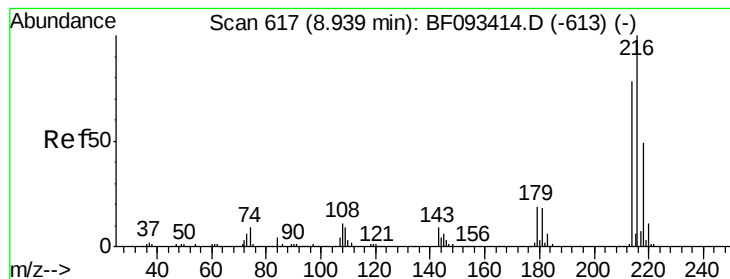
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.76

Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.83 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 374977

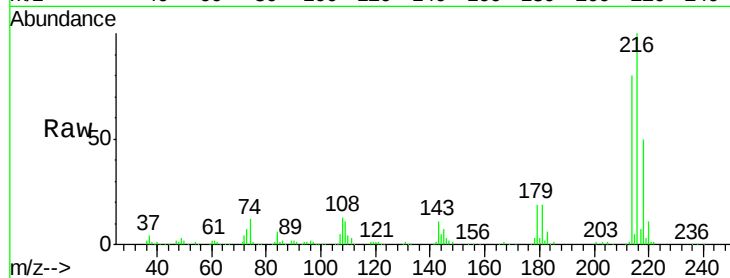
Ion Ratio Lower Upper

216 100

214 80.3 63.4 95.0

179 21.5 17.4 26.2

108 23.1 15.6 23.4

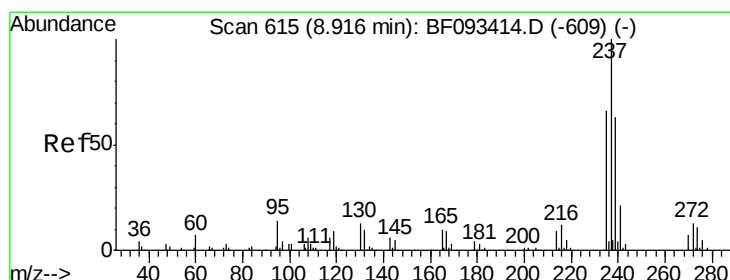
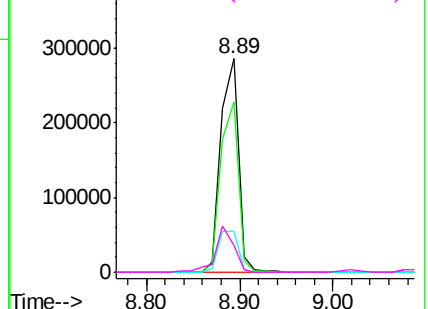
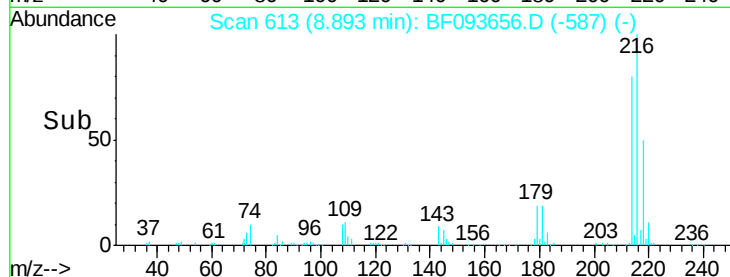


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.72 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

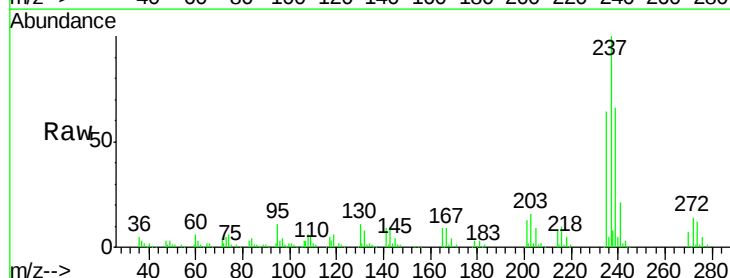
Tgt Ion:237 Resp: 203267

Ion Ratio Lower Upper

237 100

235 63.8 41.2 81.2

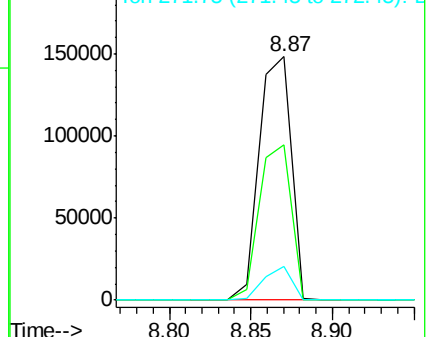
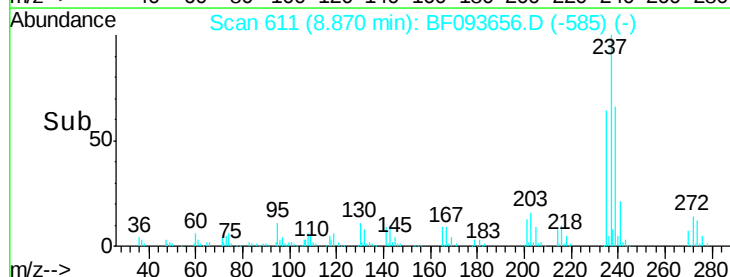
272 13.8 0.0 35.4

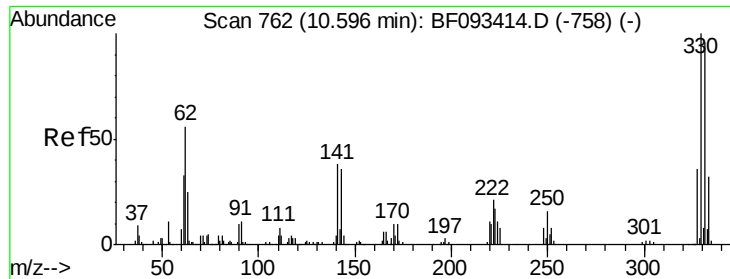


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

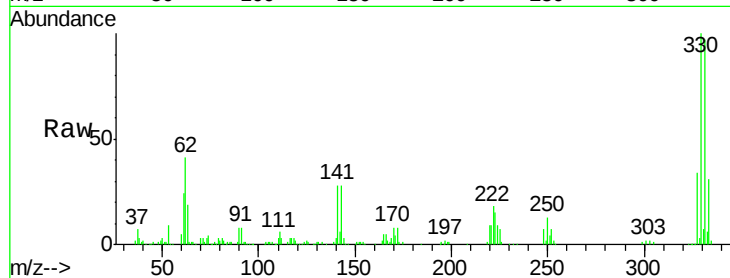




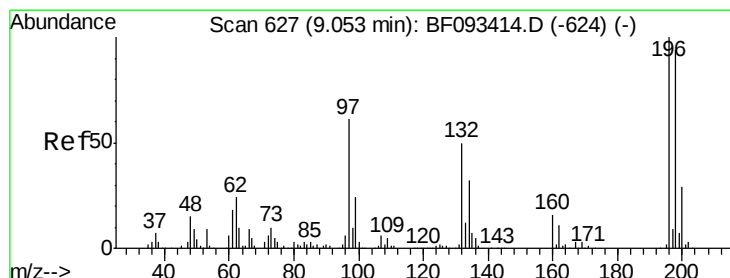
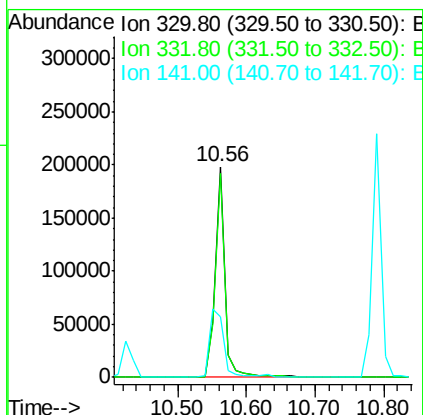
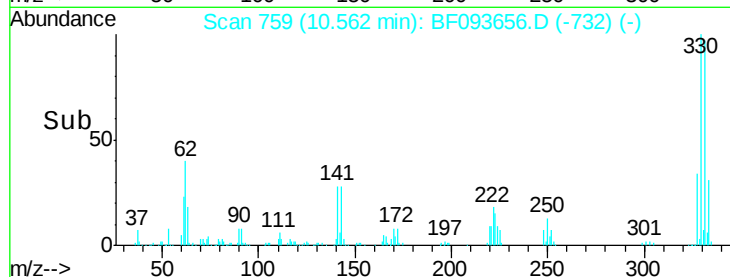
#41
 2,4,6-Tribromophenol
 Concen: 90.91 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 204231
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 45.3 34.1 51.1

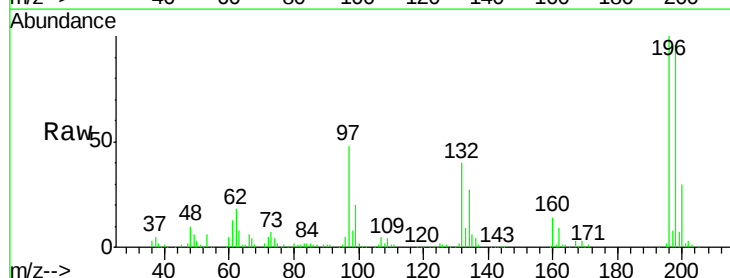


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

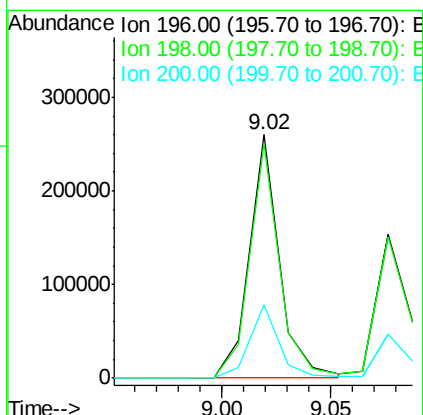
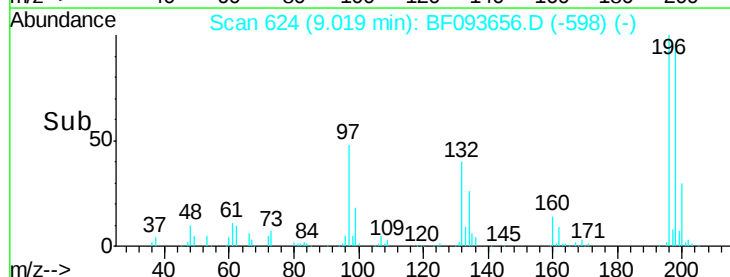


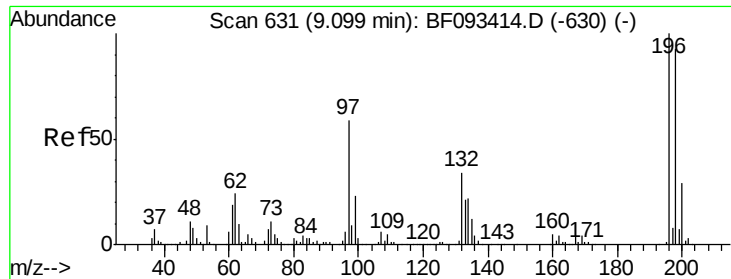
#42
 2,4,6-Trichlorophenol
 Concen: 42.50 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion:196 Resp: 250003
 Ion Ratio Lower Upper
 196 100
 198 96.3 82.1 123.1
 200 30.3 27.0 40.4



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

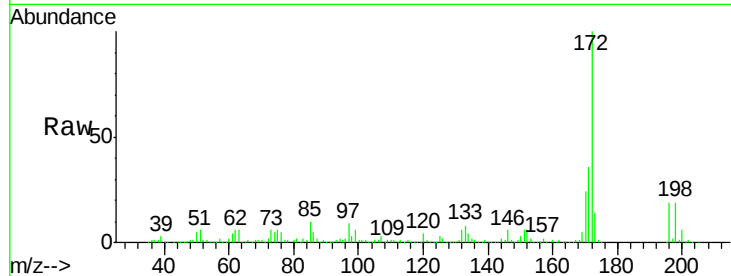




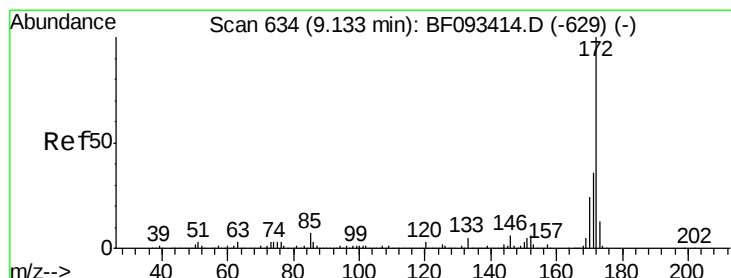
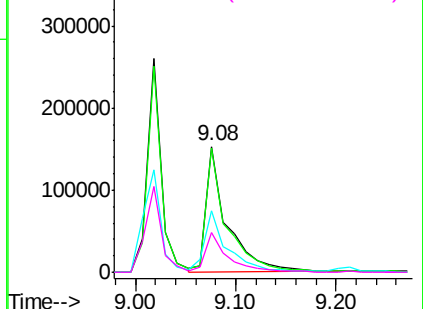
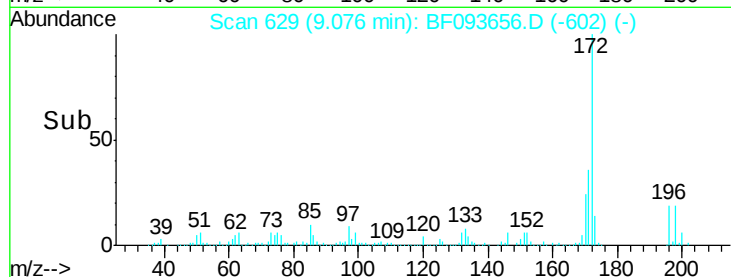
#43
 2,4,5-Trichlorophenol
 Concen: 34.83 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	79.4	119.2
97	49.1	51.5	77.3
132	31.7	27.4	41.2

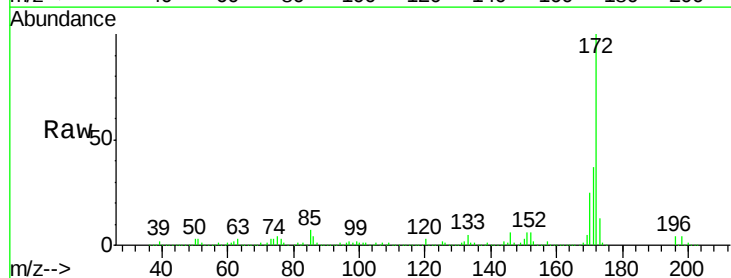


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

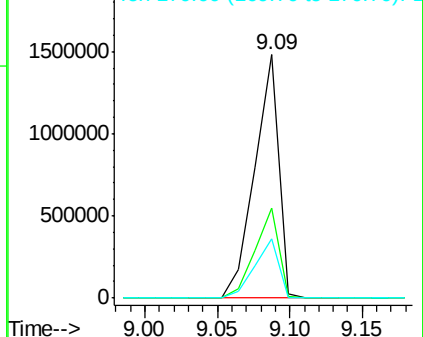
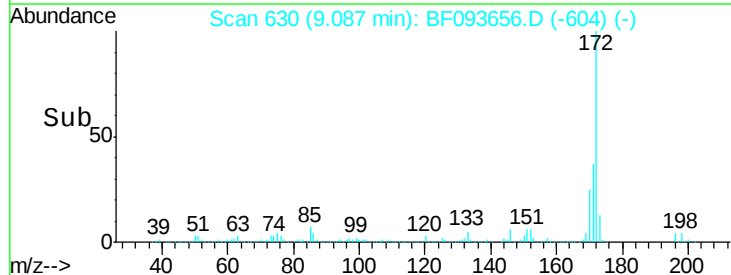


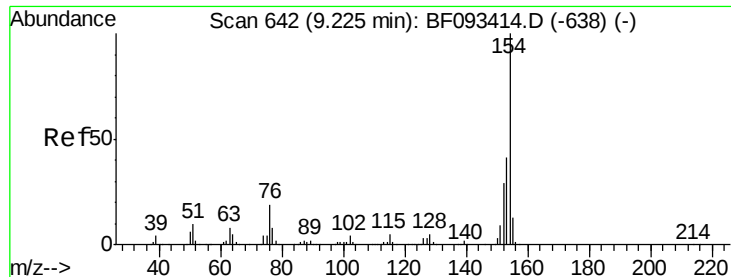
#44
 2-Fluorobiphenyl
 Concen: 91.92 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

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



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

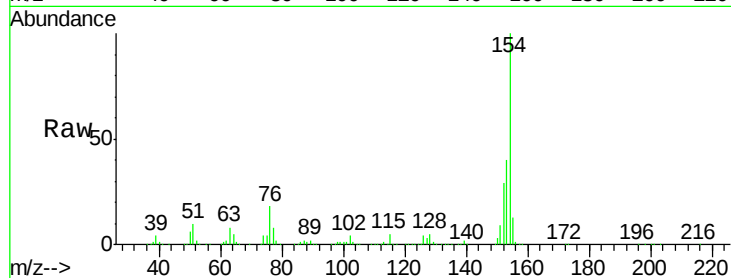




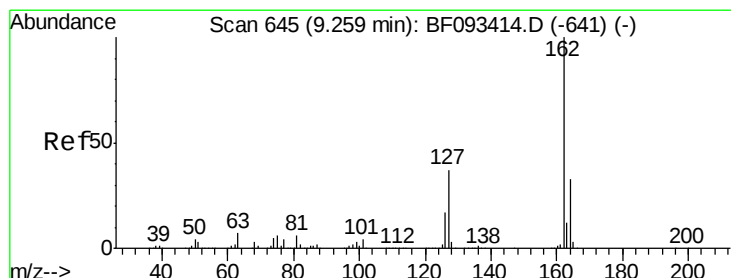
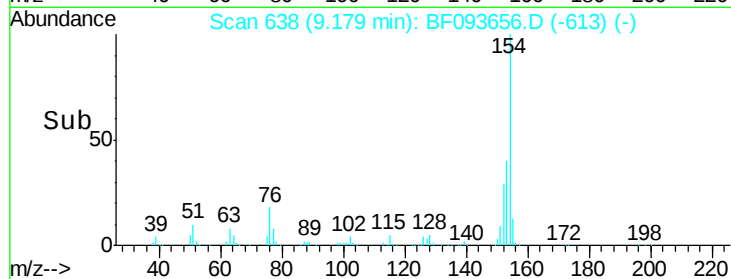
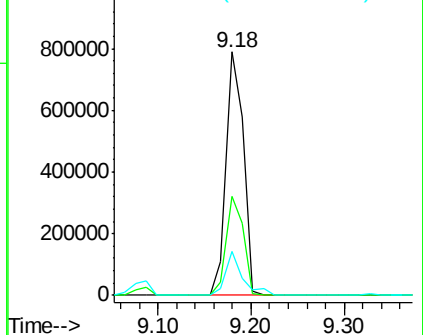
#45
 1,1'-Biphenyl
 Concen: 40.93 ng
 RT: 9.18 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:154 Resp: 1028095
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.9 60.9
 76 18.2 0.0 30.5

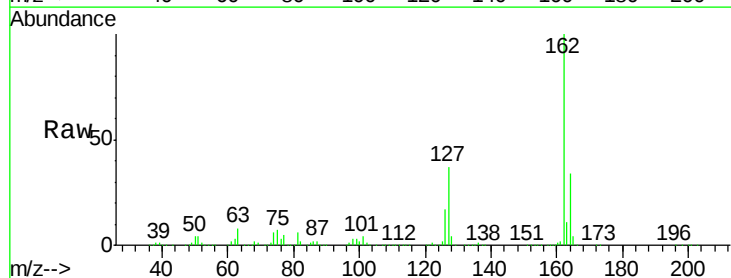


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

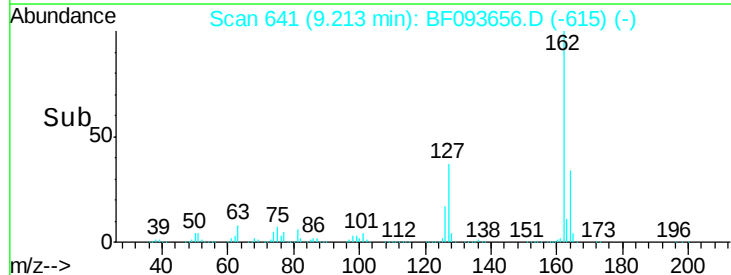
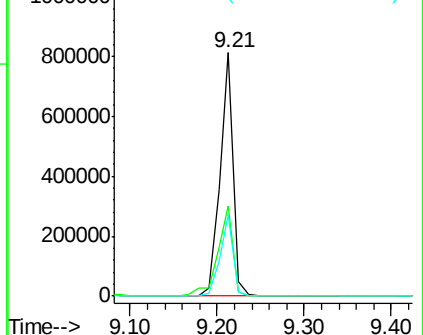


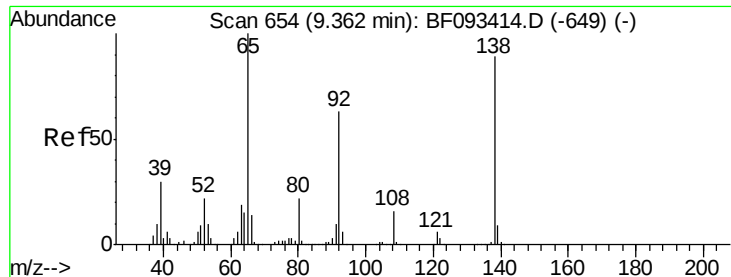
#46
 2-Chloronaphthalene
 Concen: 44.80 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion:162 Resp: 861250
 Ion Ratio Lower Upper
 162 100
 127 36.7 30.7 46.1
 164 33.6 27.6 41.4



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





#47

2-Nitroaniline

Concen: 44.89 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

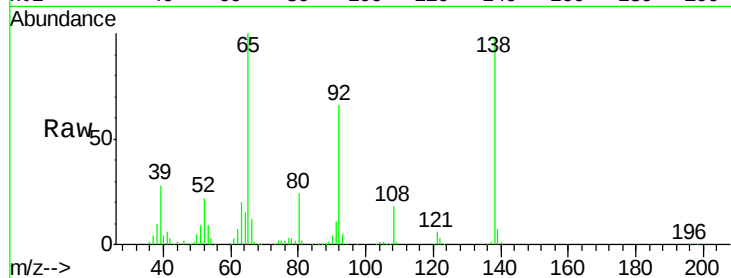
Tot Ion: 65 Resp: 305086

Ion Ratio Lower Upper

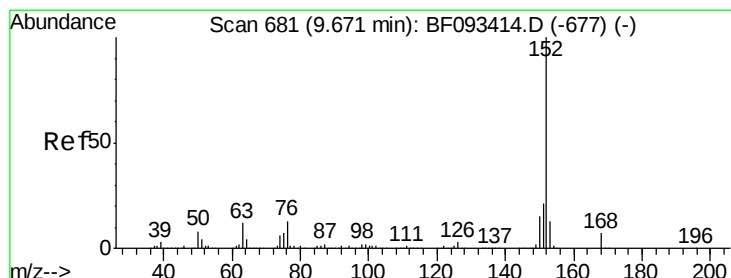
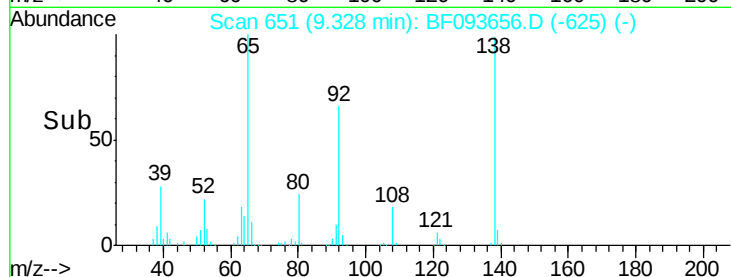
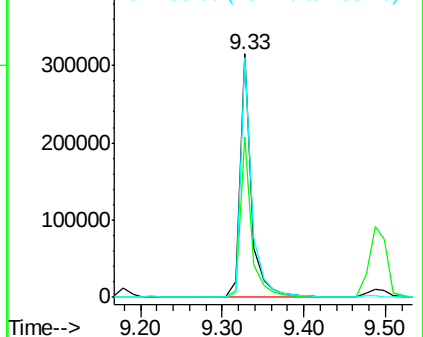
65 100

92 65.9 53.9 80.9

138 98.4 76.8 115.2



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



#48

Acenaphthylene

Concen: 40.83 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

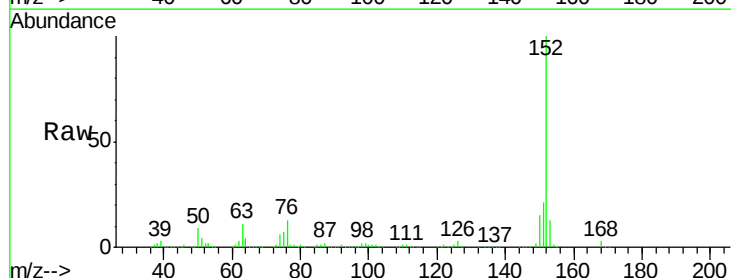
Tgt Ion: 152 Resp: 1294839

Ion Ratio Lower Upper

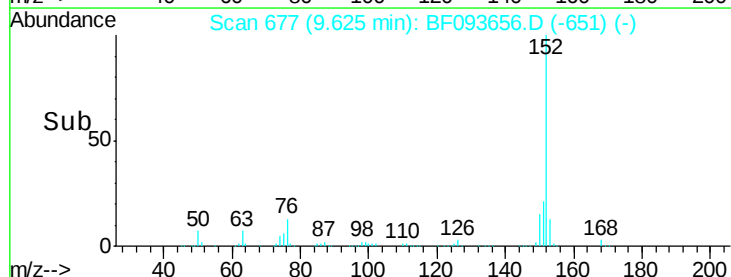
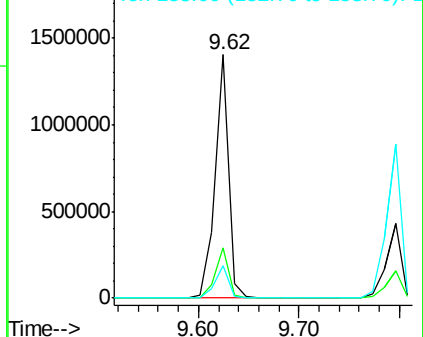
152 100

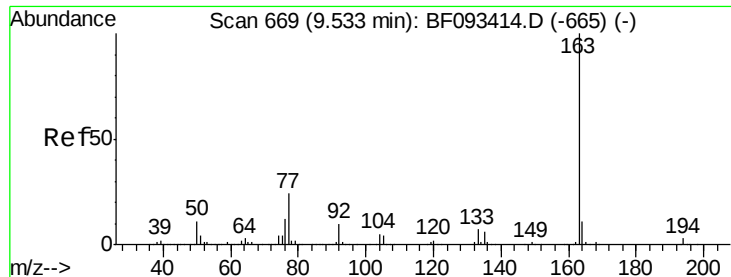
151 20.6 16.9 25.3

153 13.2 11.4 17.2



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

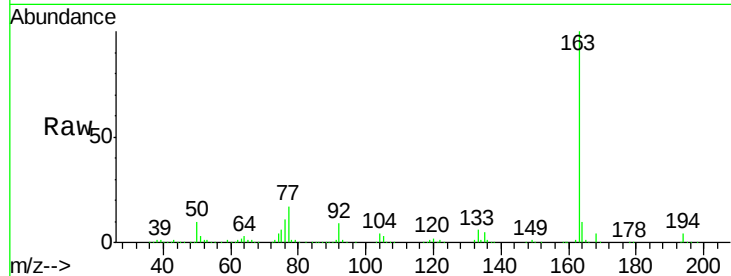




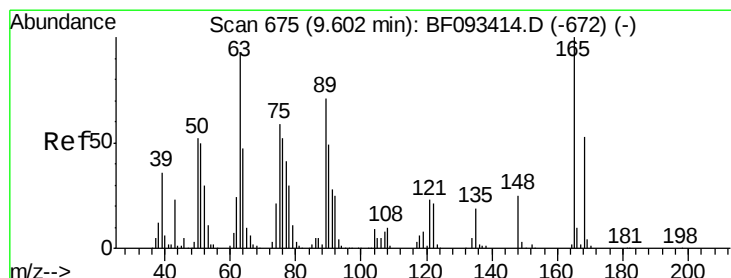
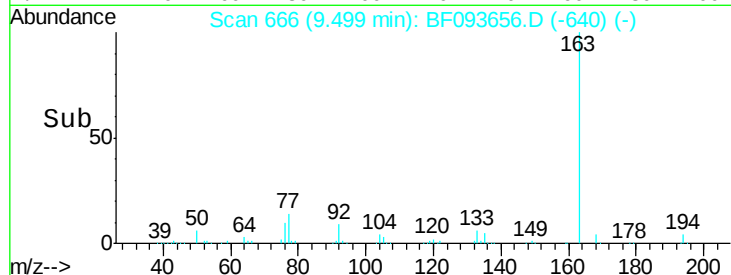
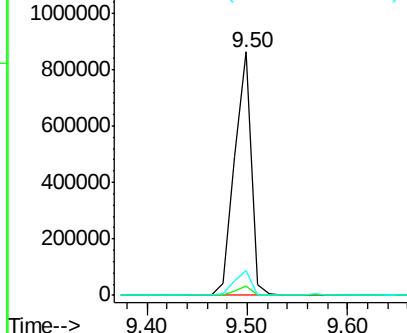
#49
Dimethylphthalate
Concen: 43.12 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 985700
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 8.0 12.0

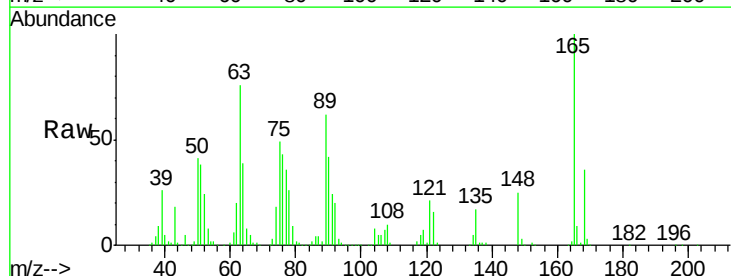


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

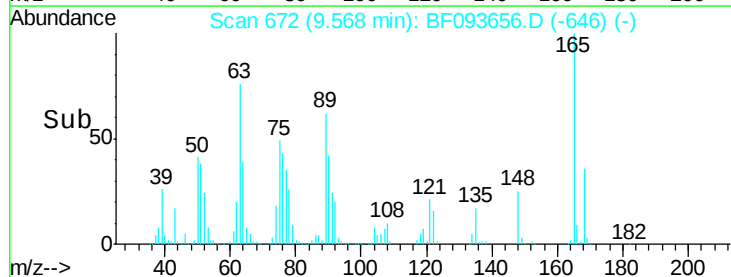
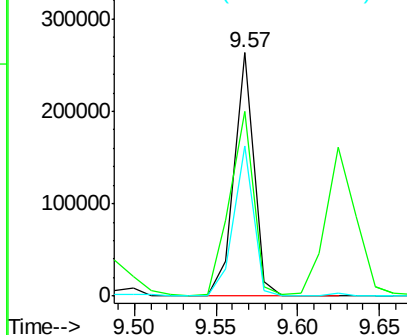


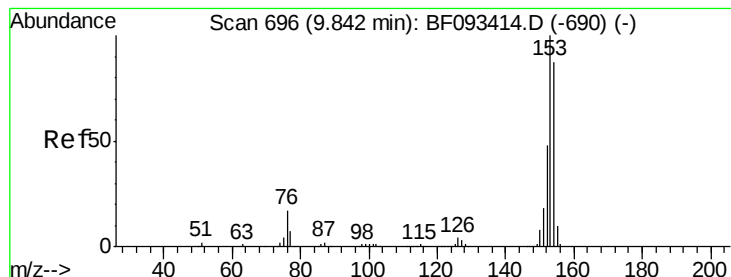
#50
2,6-Dinitrotoluene
Concen: 43.63 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion:165 Resp: 218854
Ion Ratio Lower Upper
165 100
63 75.7 36.2 54.4#
89 61.9 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.23 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

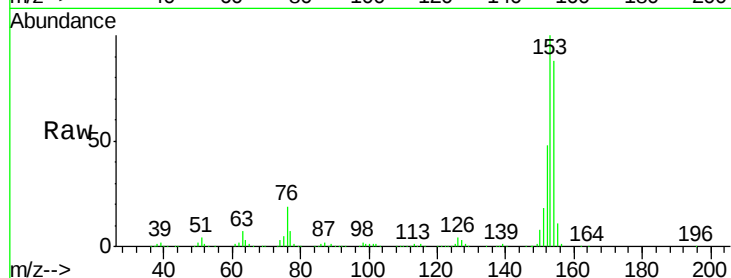
Tot Ion:154 Resp: 791760

Ion Ratio Lower Upper

154 100

153 113.6 88.6 133.0

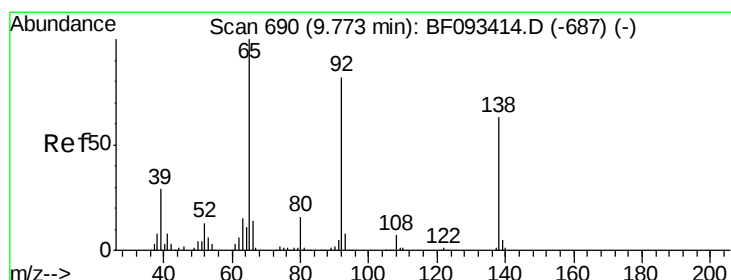
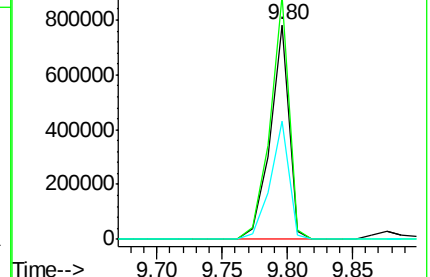
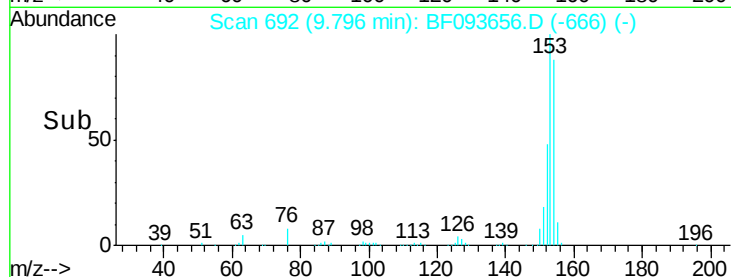
152 54.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.16 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

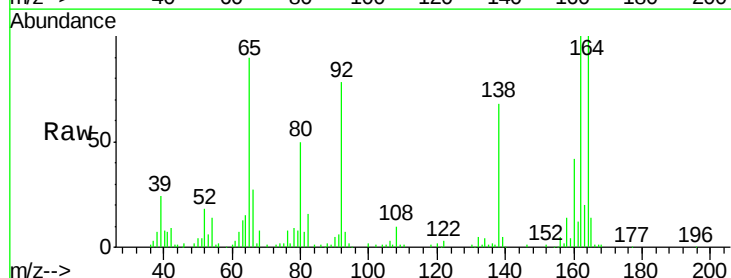
Tgt Ion:138 Resp: 85317

Ion Ratio Lower Upper

138 100

108 14.3 8.5 12.7#

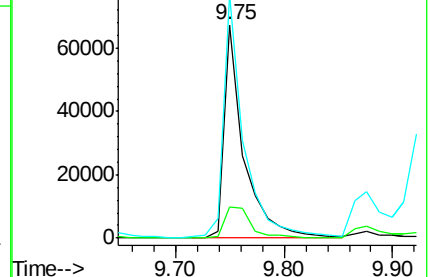
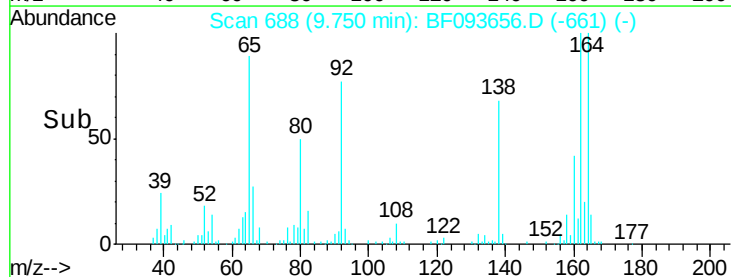
92 114.1 97.8 146.8

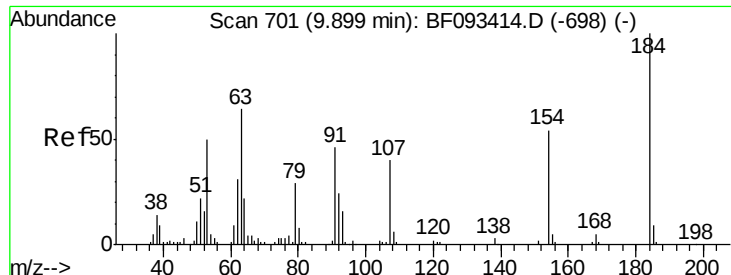


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

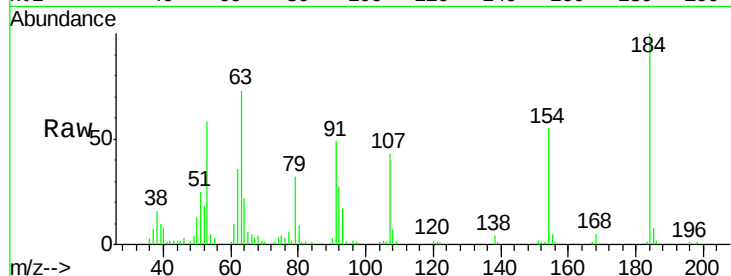




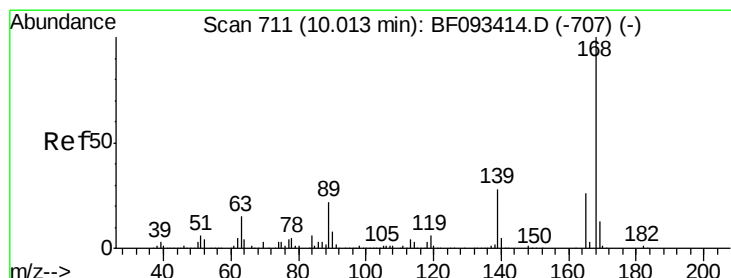
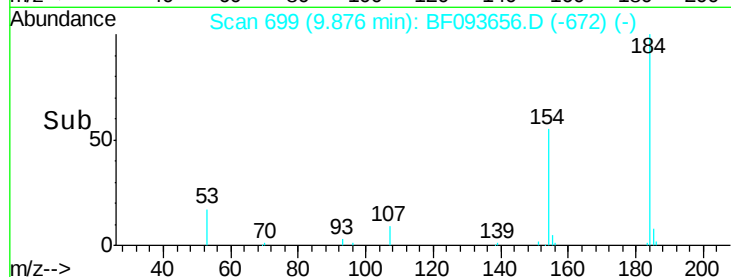
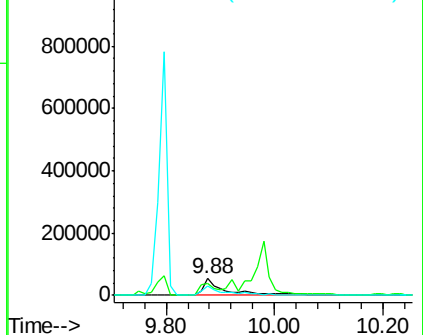
#53
2,4-Dinitrophenol
Concen: 69.40 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 158519
Ion Ratio Lower Upper
184 100
63 72.7 28.4 42.6#
154 55.5 44.3 66.5

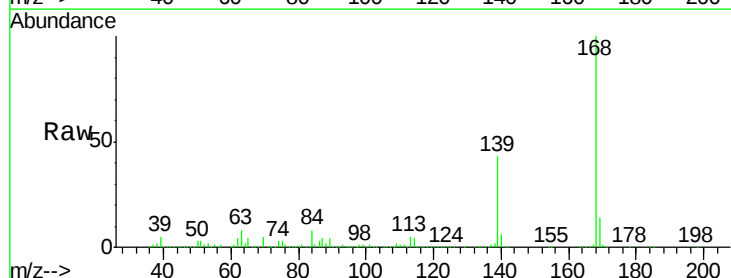


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

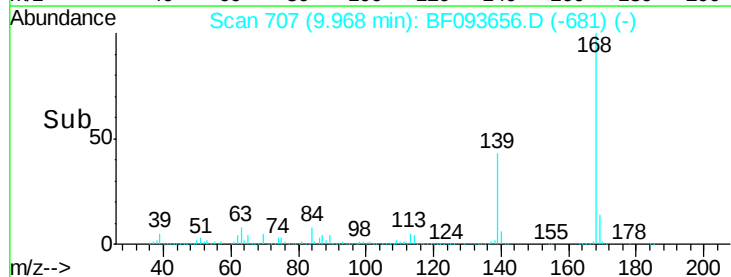
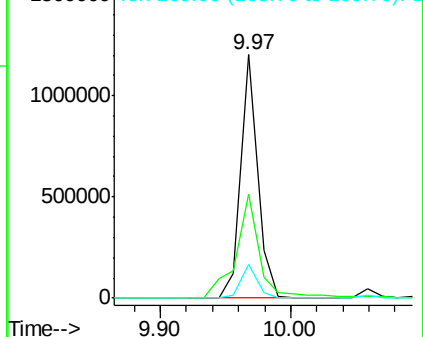


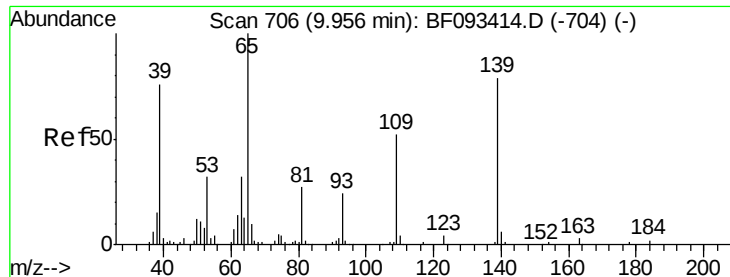
#54
Dibenzofuran
Concen: 45.87 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion:168 Resp: 1076653
Ion Ratio Lower Upper
168 100
139 42.7 32.6 49.0
169 13.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

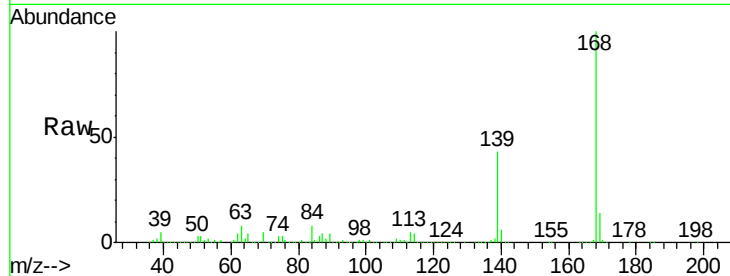




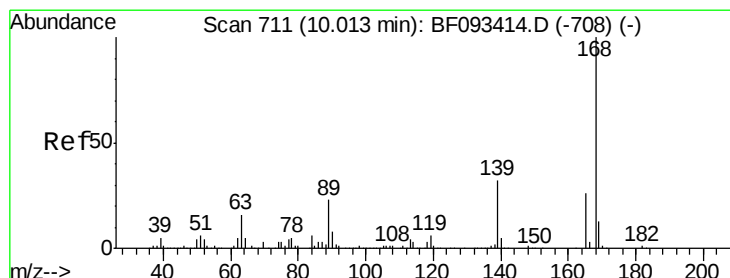
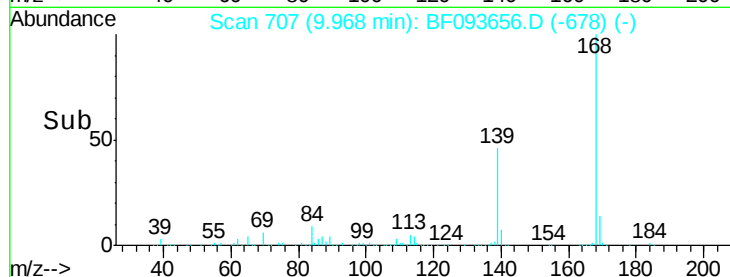
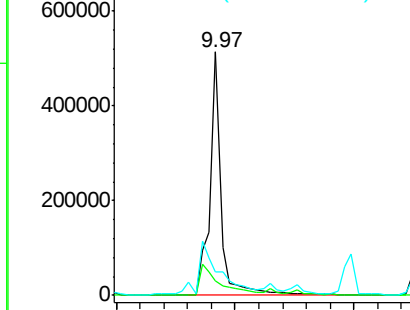
#55
4-Nitrophenol
Concen: 230.55 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:139 Resp: 674806
Ion Ratio Lower Upper
139 100
109 5.7 52.2 92.2#
65 9.4 85.8 125.8#



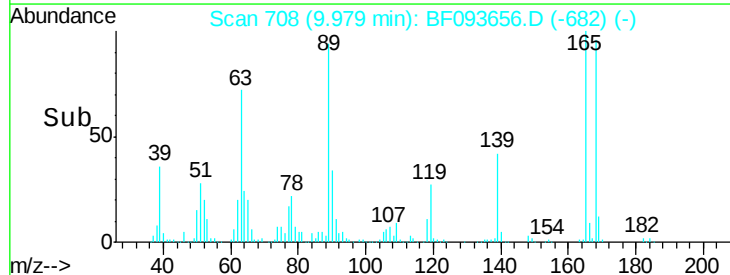
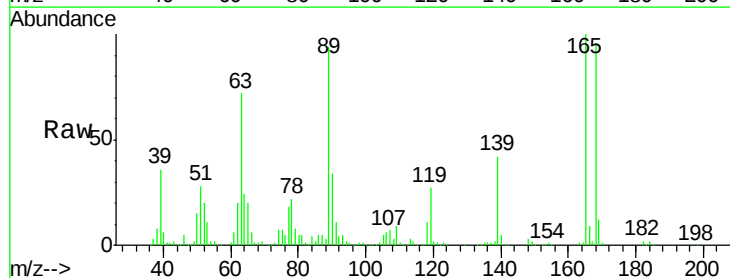
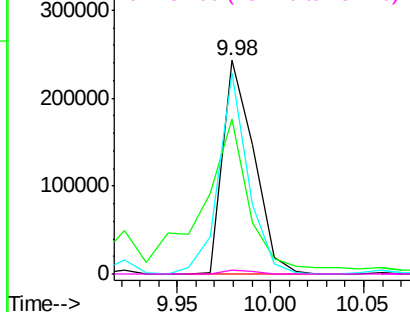
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

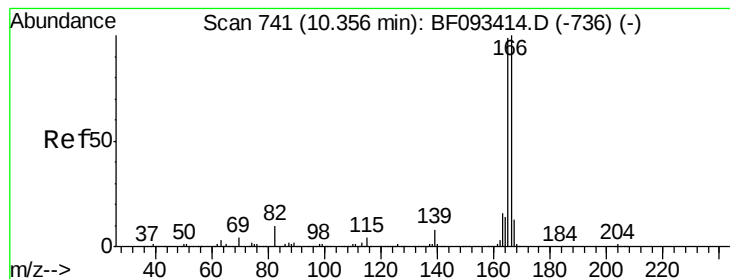


#56
2,4-Dinitrotoluene
Concen: 46.12 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion:165 Resp: 284222
Ion Ratio Lower Upper
165 100
63 72.4 40.2 60.4#
89 94.3 62.5 93.7#
182 1.9 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: 41.35 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampled :

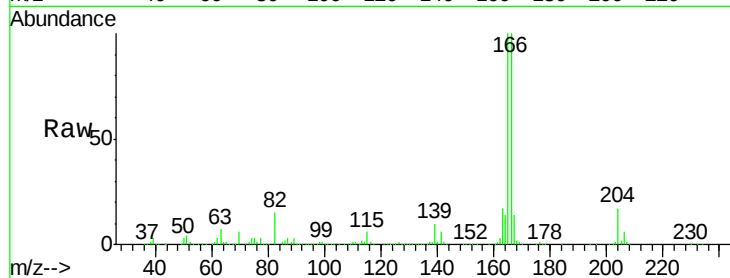
Tot Ion:166 Resp: 822308

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

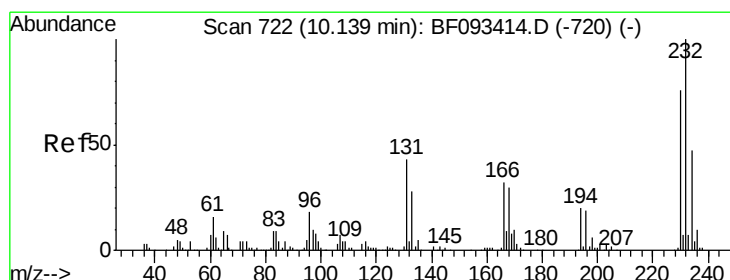
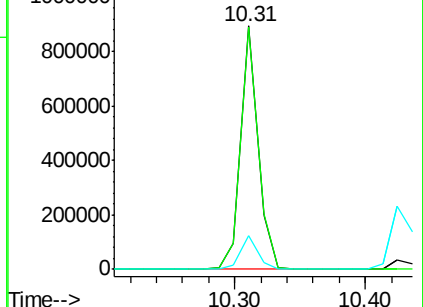
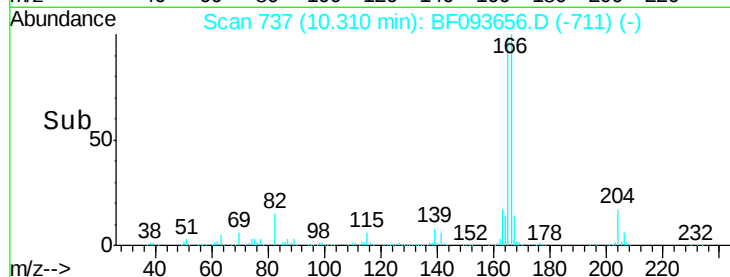
167 13.8 10.8 16.2



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: 47.83 ng

RT: 10.10 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Tgt Ion:232 Resp: 213071

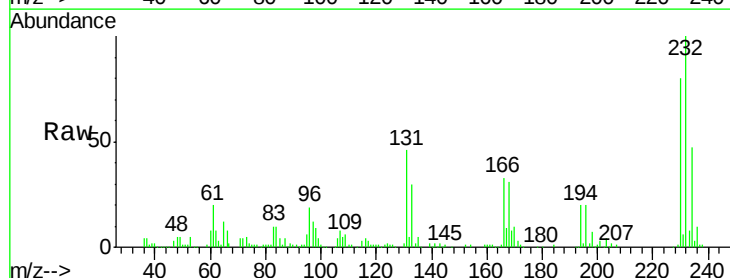
Ion Ratio Lower Upper

232 100

131 48.7 40.1 60.1

130 2.6 1.8 2.8

166 31.2 26.6 39.8

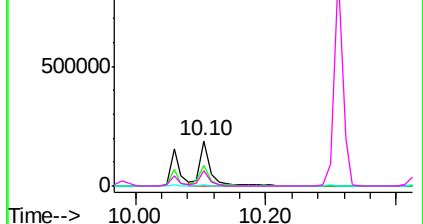
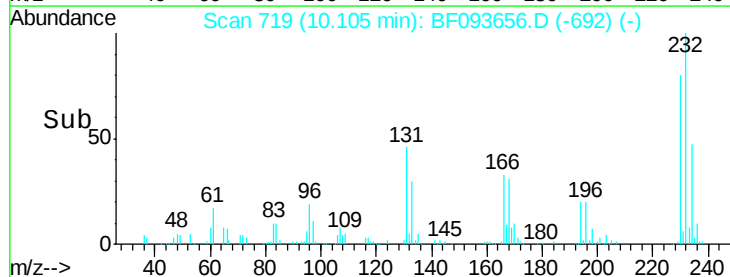


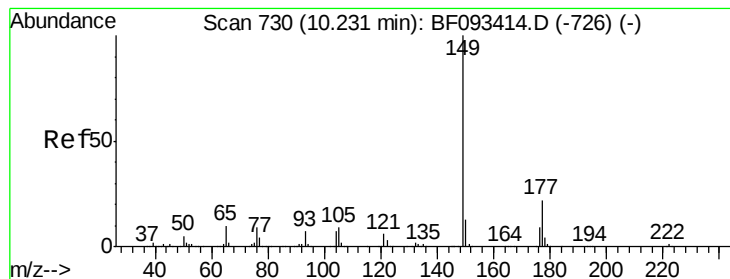
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.50 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

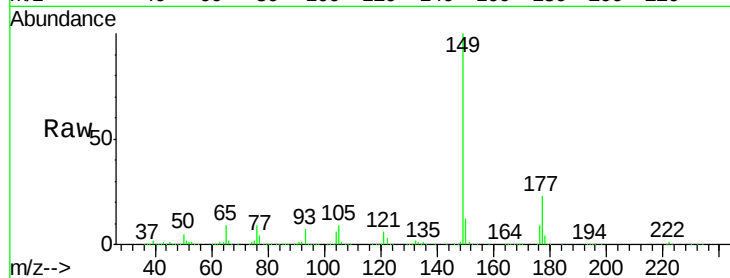
Tot Ion:149 Resp: 994106

Ion Ratio Lower Upper

149 100

177 23.0 16.6 25.0

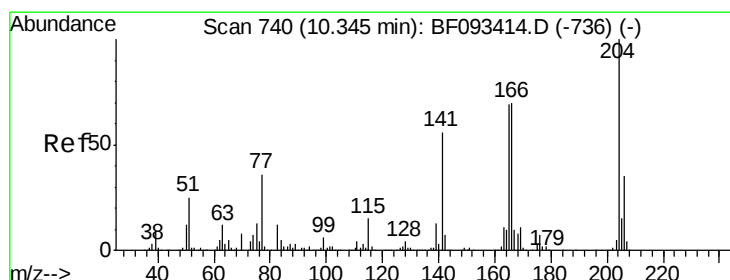
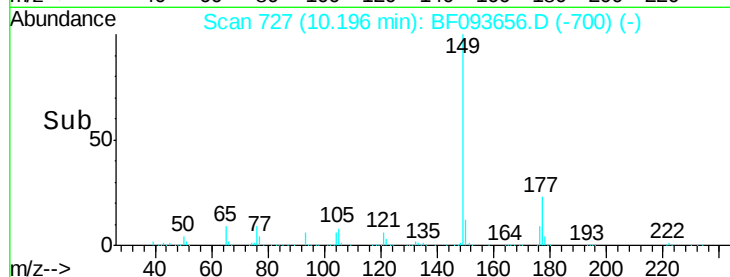
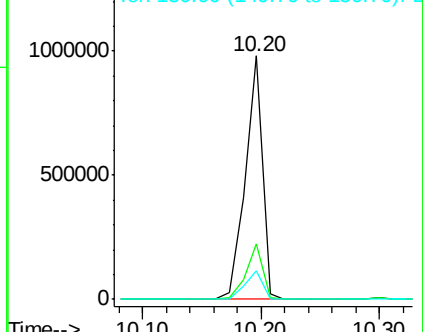
150 12.0 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.70 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

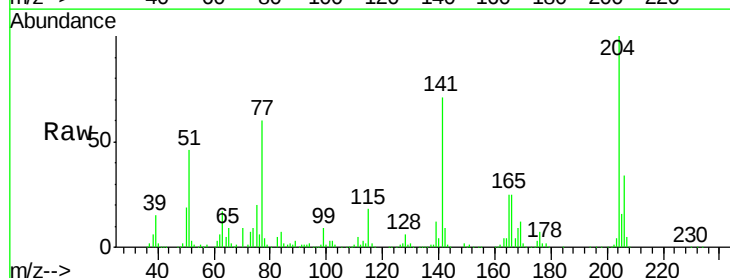
Tgt Ion:204 Resp: 380619

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

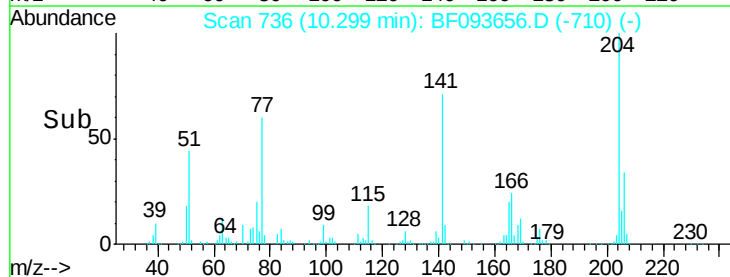
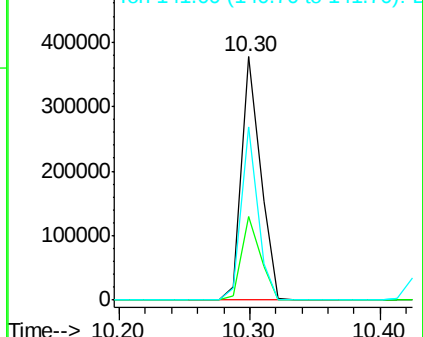
141 70.9 59.4 89.0

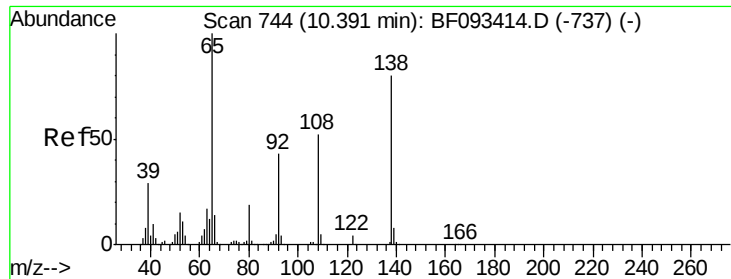


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

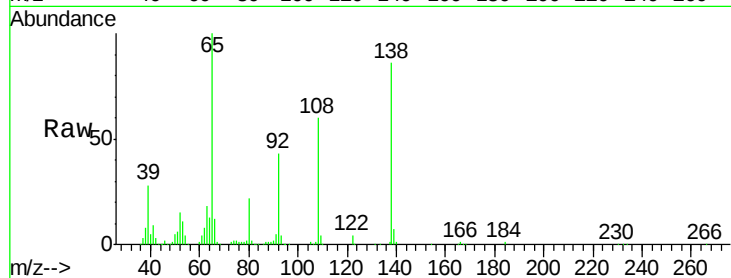




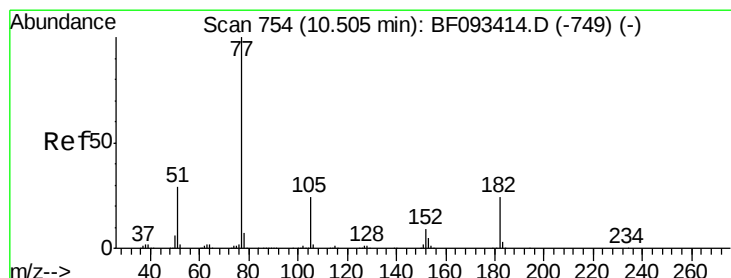
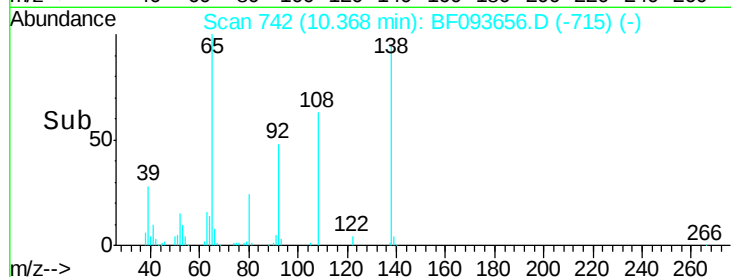
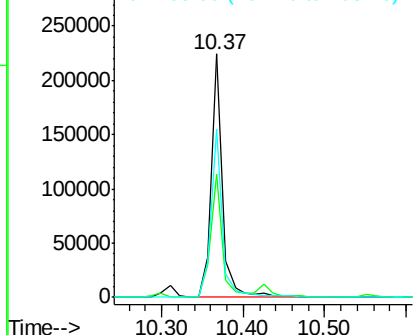
#61
4-Nitroaniline
Concen: 35.46 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 218509
Ion Ratio Lower Upper
138 100
92 50.6 31.7 71.7
108 69.3 52.6 92.6

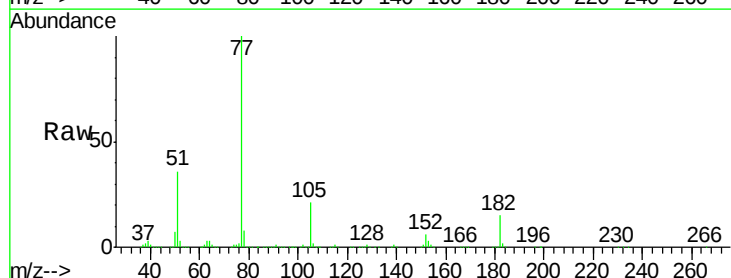


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

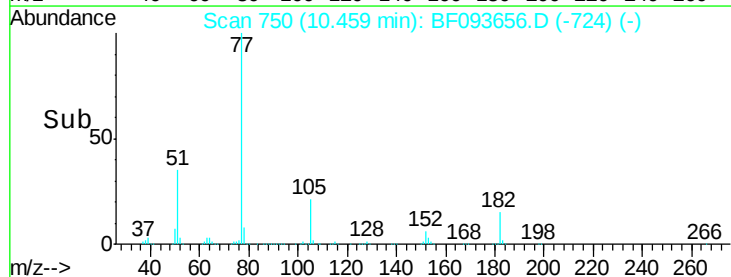
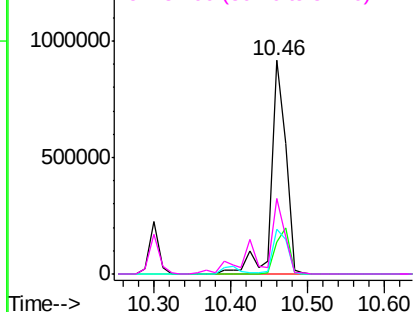


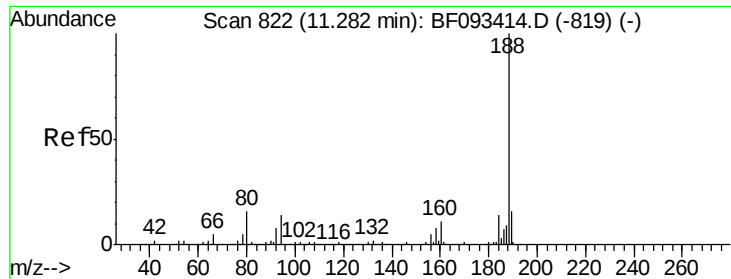
#62
Azobenzene
Concen: 47.80 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion: 77 Resp: 1186573
Ion Ratio Lower Upper
77 100
182 14.7 0.0 39.3
105 20.9 2.3 42.3
51 35.6 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

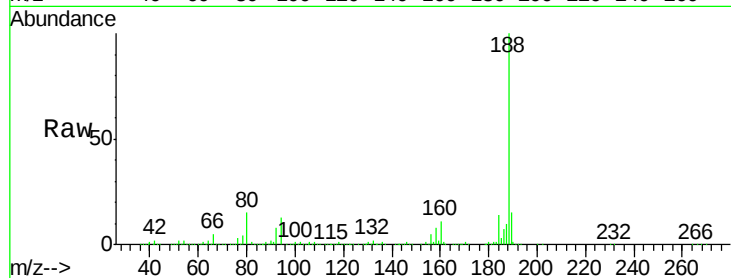




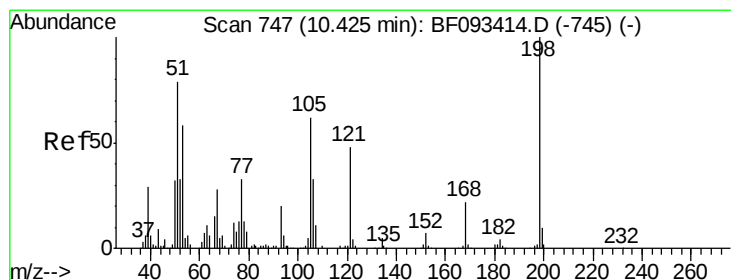
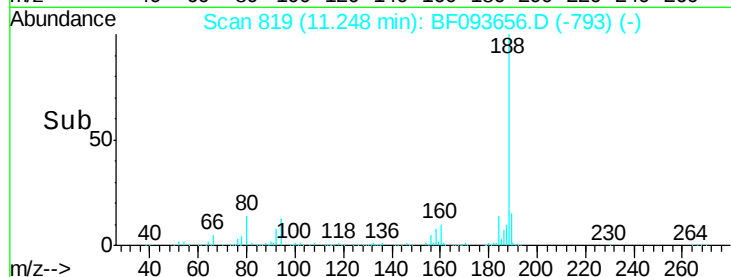
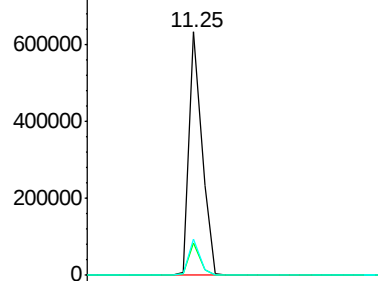
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 606177
Ion Ratio Lower Upper
188 100
94 13.2 10.0 15.0
80 14.6 11.2 16.8

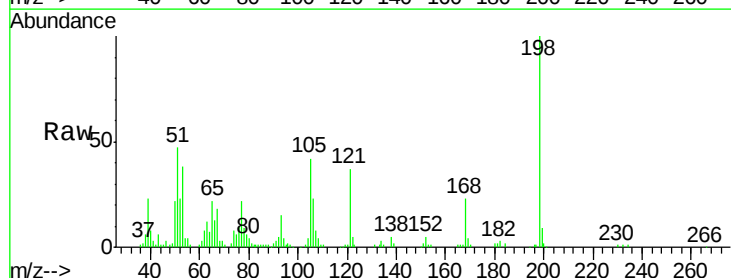


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

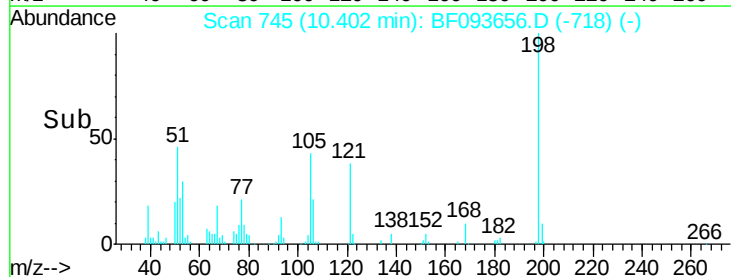
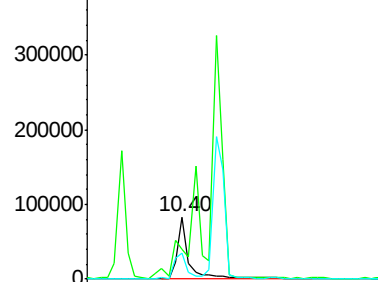


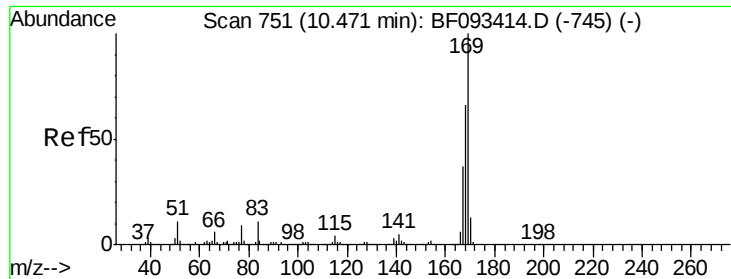
#64
4,6-Dinitro-2-methylphenol
Concen: 30.75 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion:198 Resp: 120758
Ion Ratio Lower Upper
198 100
51 47.4 6.7 46.7#
105 42.4 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 35.31 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampled :

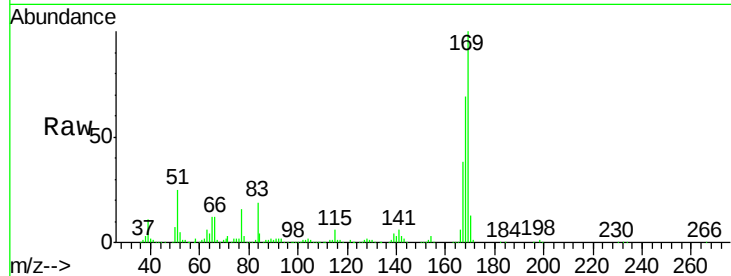
Tot Ion:169 Resp: 714625

Ion Ratio Lower Upper

169 100

168 68.8 54.2 81.2

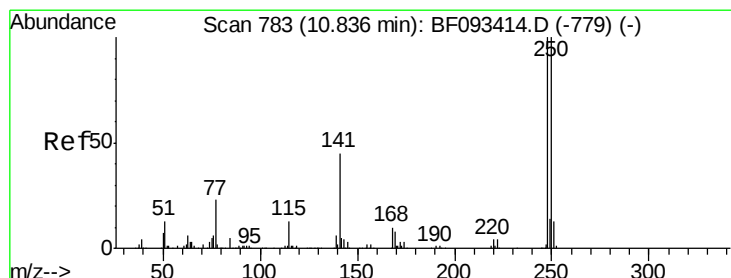
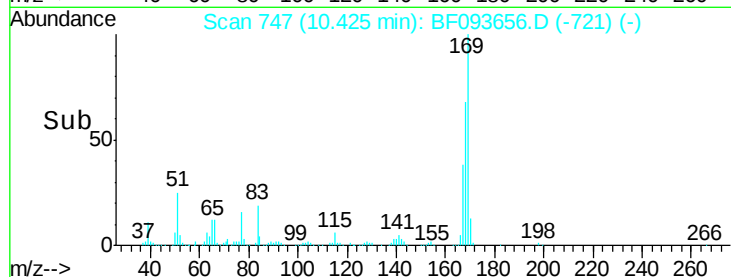
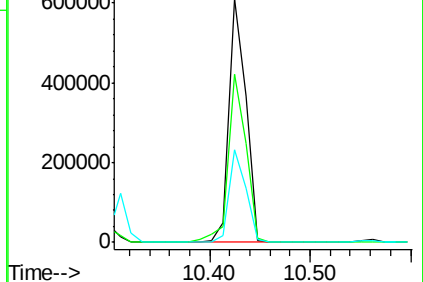
167 38.3 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.58 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

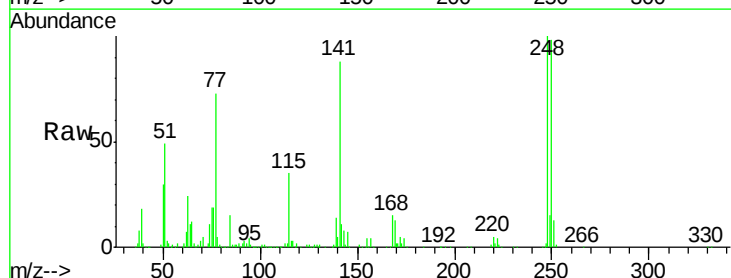
Tgt Ion:248 Resp: 228083

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

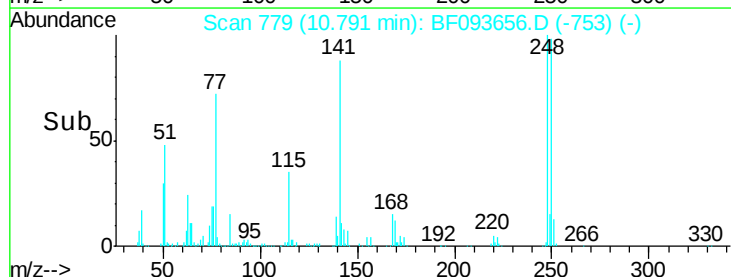
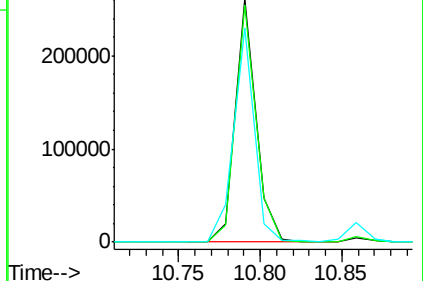
141 87.8 68.2 102.4

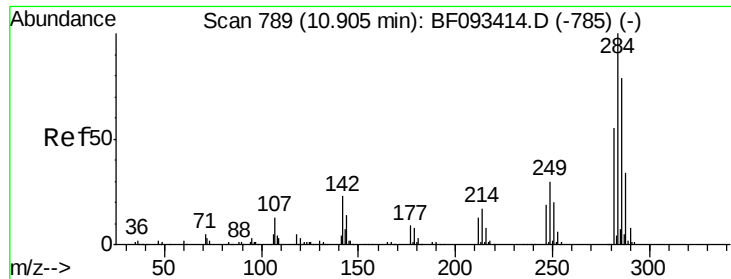


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.85 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

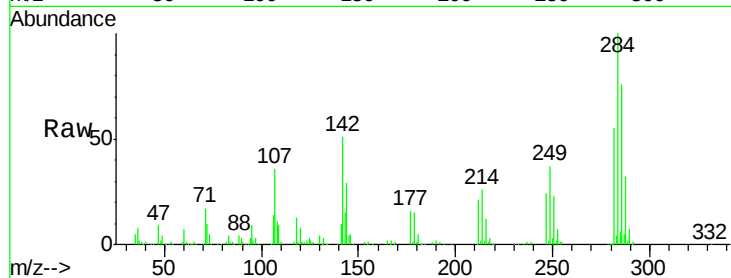
Tot Ion:284 Resp: 219466

Ion Ratio Lower Upper

284 100

142 51.2 22.6 33.8#

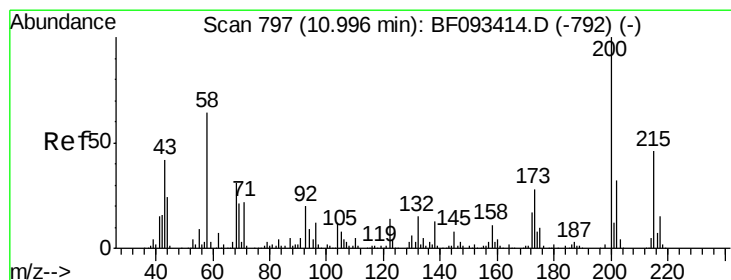
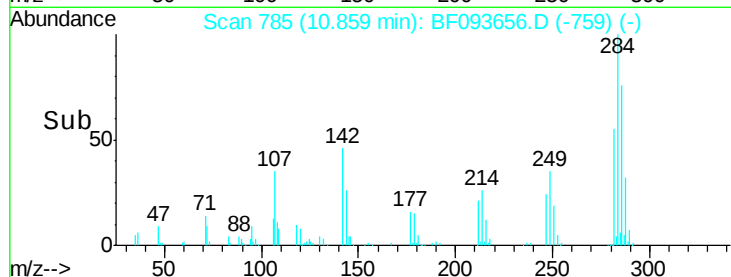
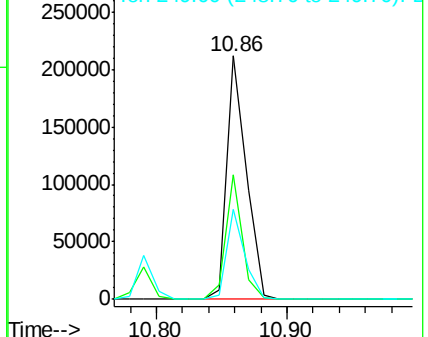
249 37.1 25.4 38.0



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: 35.68 ng

RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

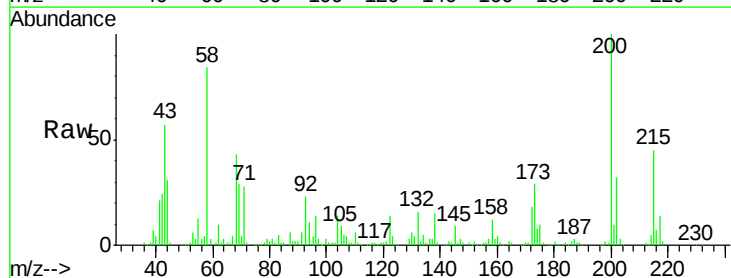
Tgt Ion:200 Resp: 211378

Ion Ratio Lower Upper

200 100

173 29.1 9.6 49.6

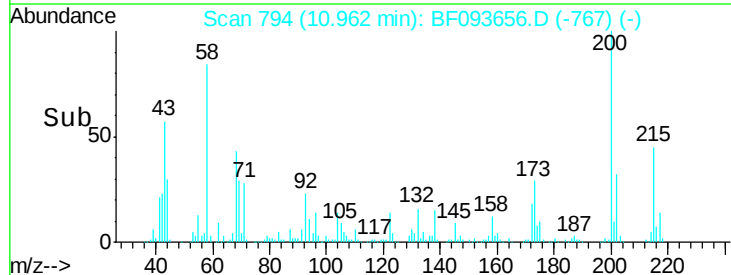
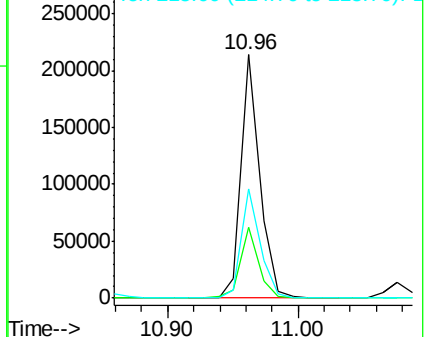
215 45.0 25.7 65.7

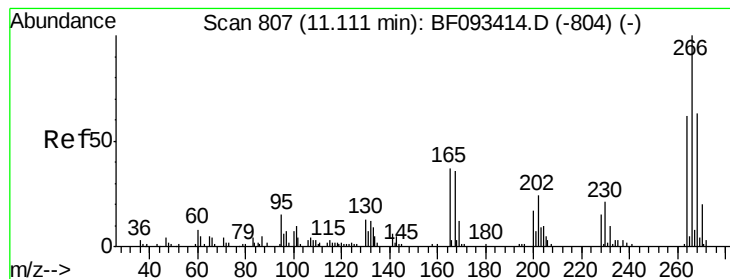


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 51.52 ng

RT: 11.08 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampled :

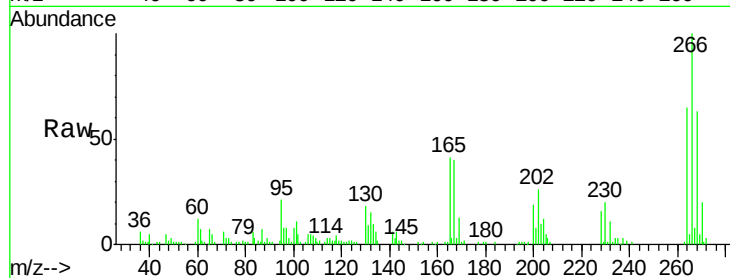
Tot Ion:266 Resp: 108883

Ion Ratio Lower Upper

266 100

268 62.9 53.3 79.9

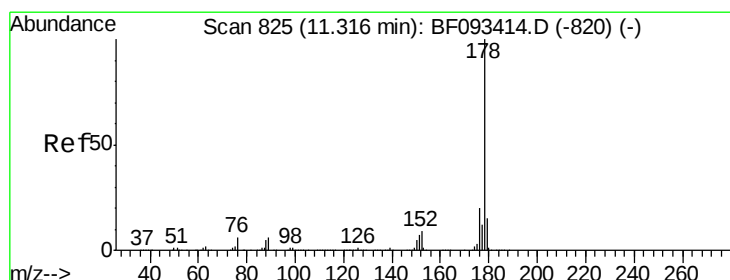
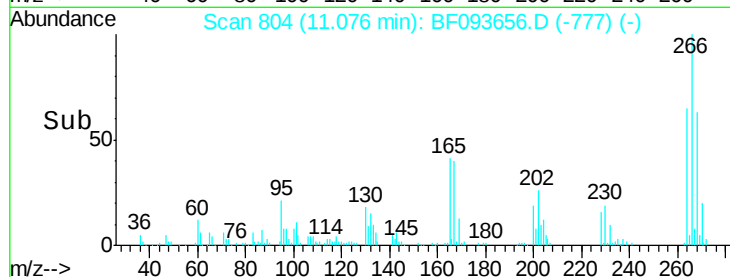
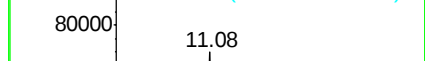
264 64.7 50.3 75.5



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: 35.79 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

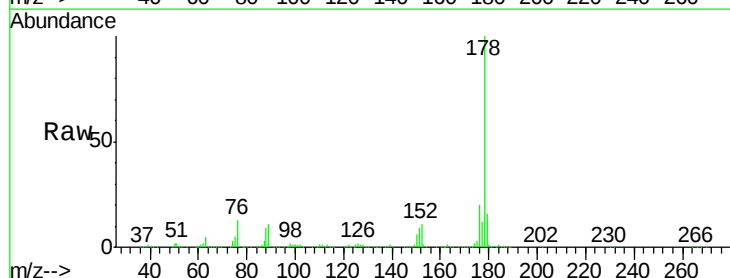
Tgt Ion:178 Resp: 1238429

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

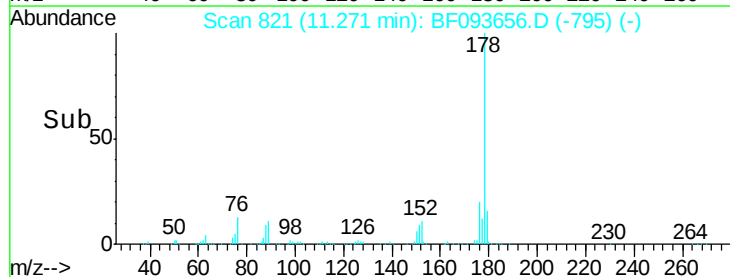
179 15.8 12.8 19.2

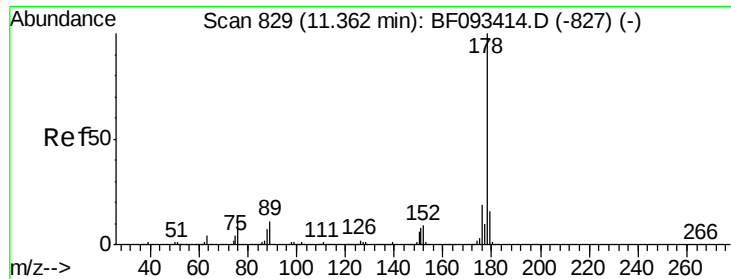


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

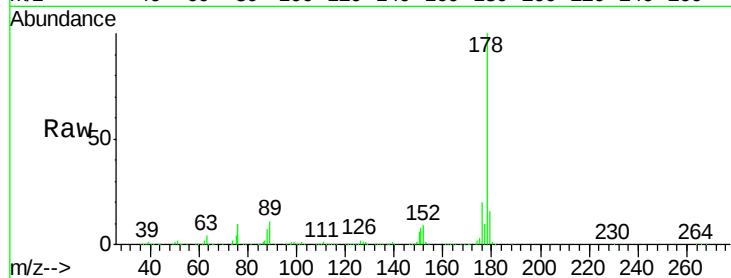




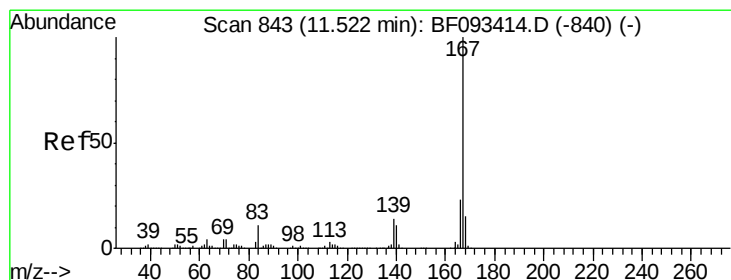
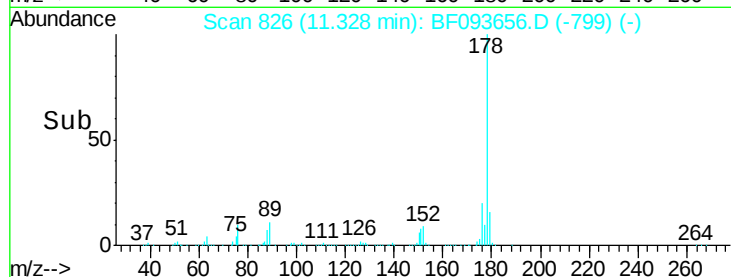
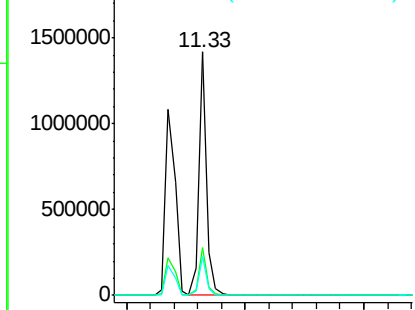
#71
 Anthracene
 Concen: 37.17 ng
 RT: 11.33 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 1301130
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.1 13.2 19.8

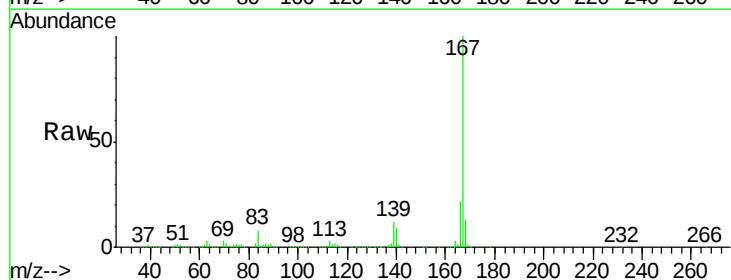


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

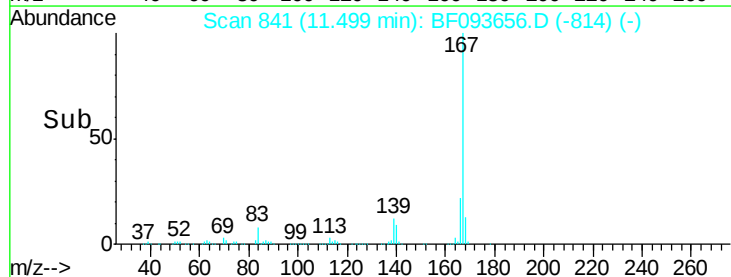
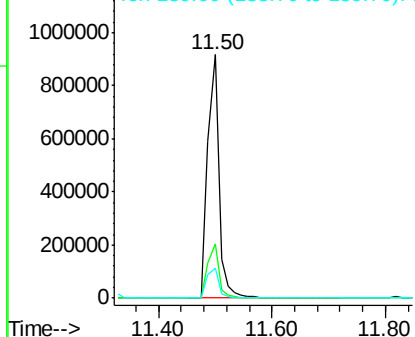


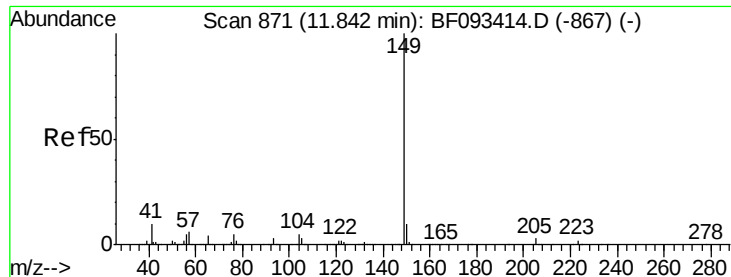
#72
 Carbazole
 Concen: 36.57 ng
 RT: 11.50 min Scan# 841
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion:167 Resp: 1202475
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 12.4 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.12 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

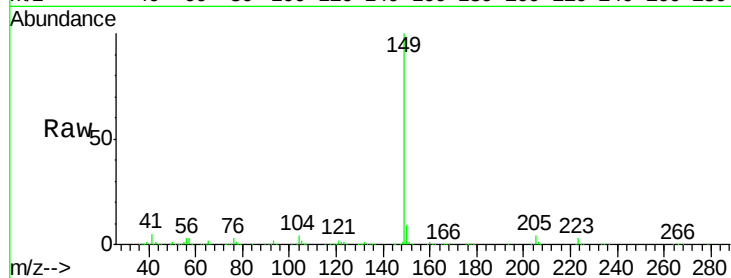
Tot Ion:149 Resp: 1526090

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

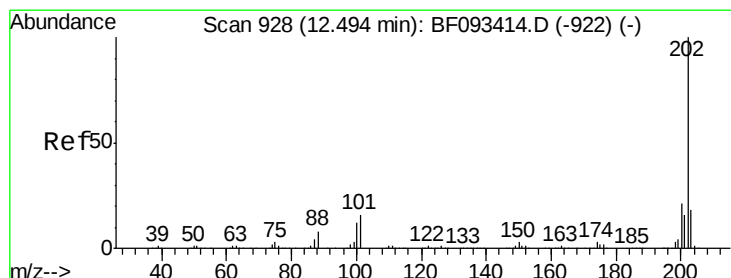
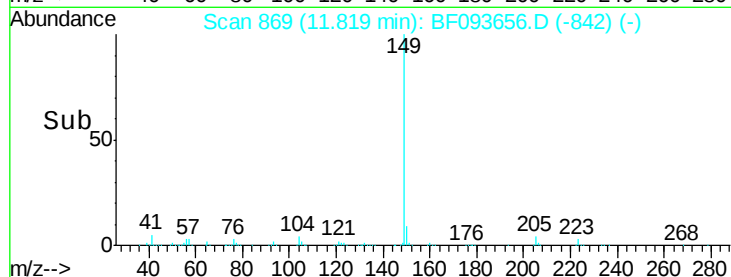
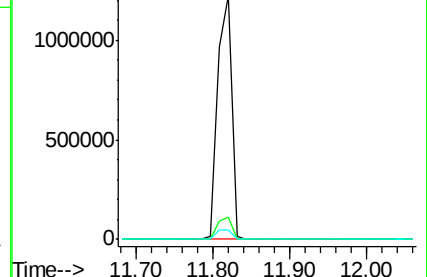
104 3.7 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.69 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

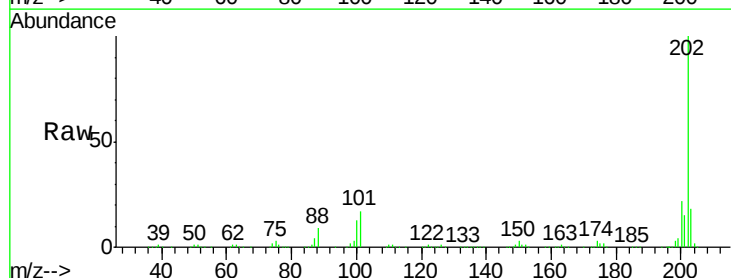
Tgt Ion:202 Resp: 1226352

Ion Ratio Lower Upper

202 100

101 17.2 0.0 34.6

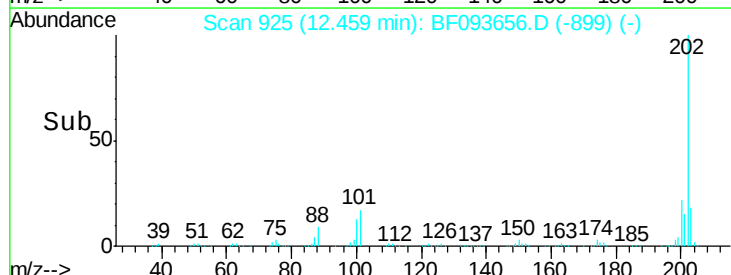
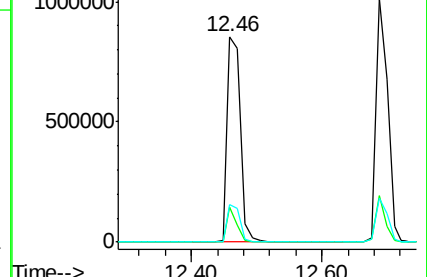
203 18.0 0.0 38.7

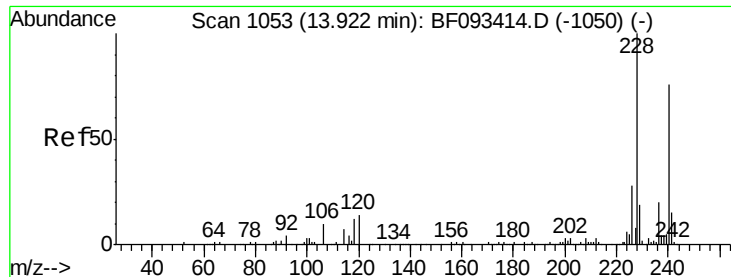


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampled :

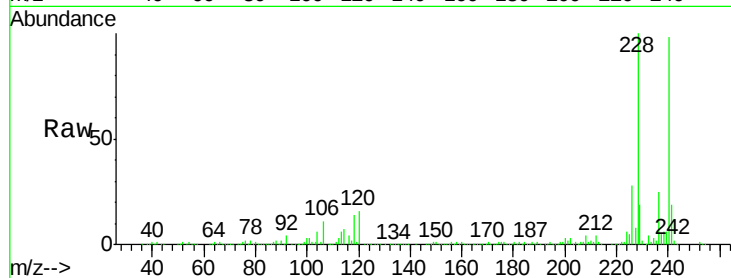
Tot Ion:240 Resp: 435509

Ion Ratio Lower Upper

240 100

120 16.2 12.9 19.3

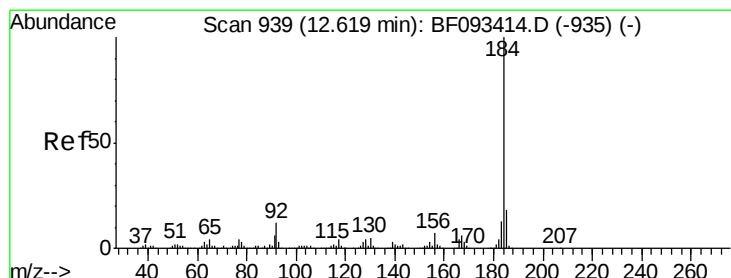
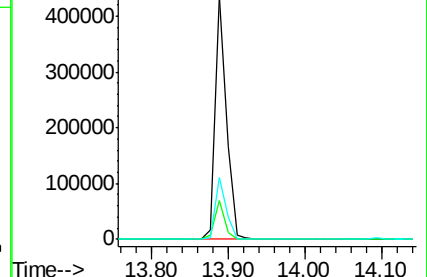
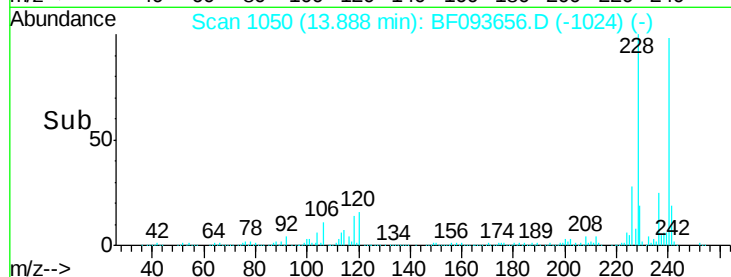
236 25.5 20.9 31.3



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: 24.89 ng

RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

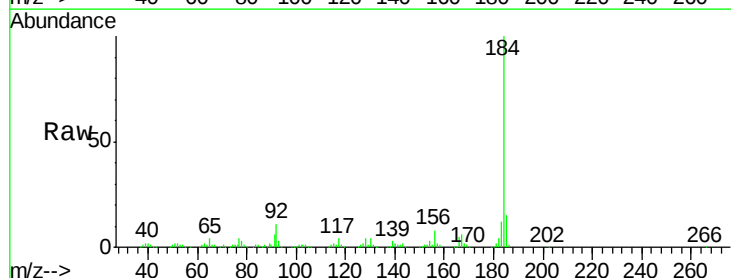
Tgt Ion:184 Resp: 356411

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.0

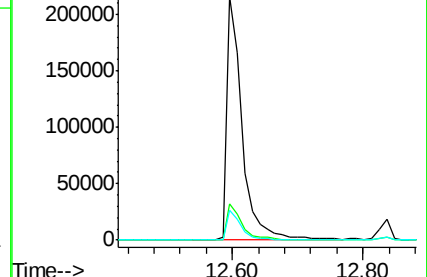
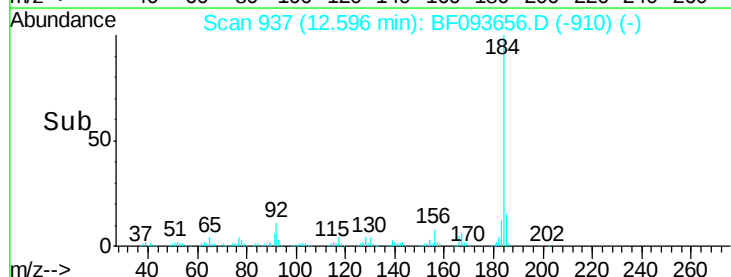
183 12.5 9.2 13.8

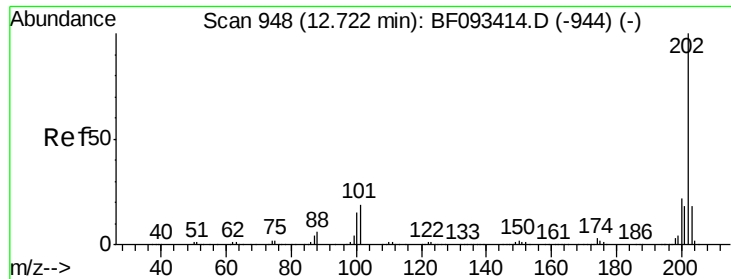


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

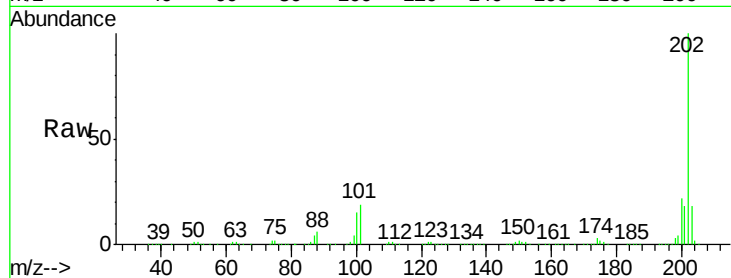




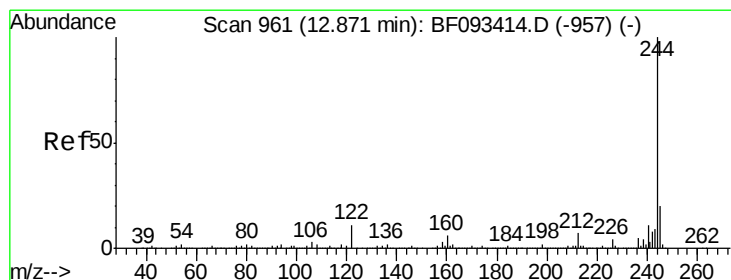
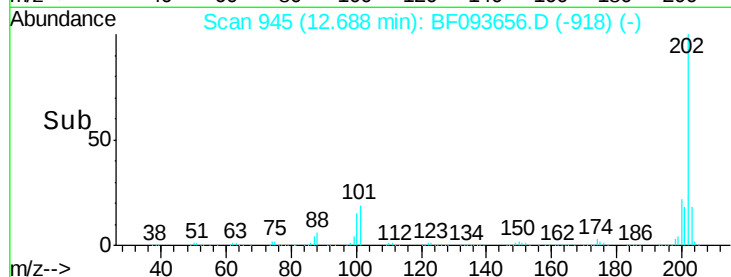
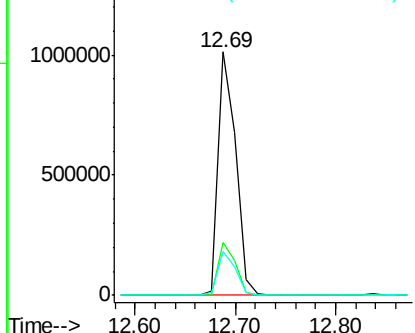
#77
Pvrene
Concen: 38.85 ng
RT: 12.69 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:202 Resp: 1230394
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 18.3 14.7 22.1

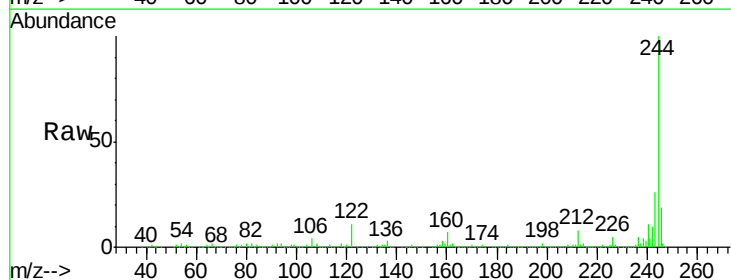


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

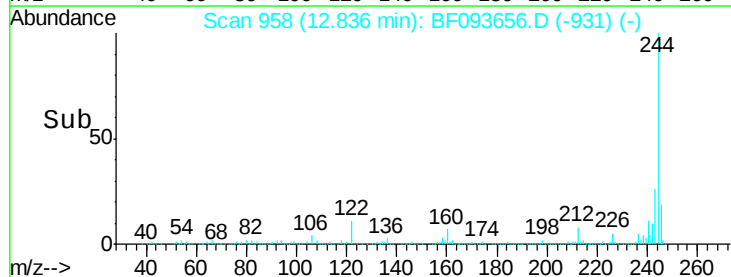
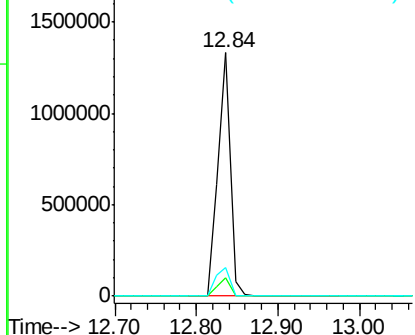


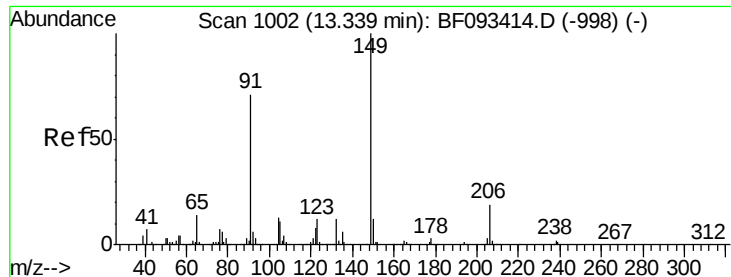
#78
Terphenyl-d14
Concen: 84.07 ng
RT: 12.84 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion:244 Resp: 1408280
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 11.5 11.4 17.2



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

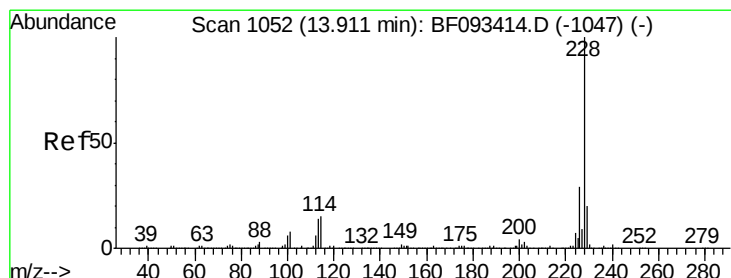
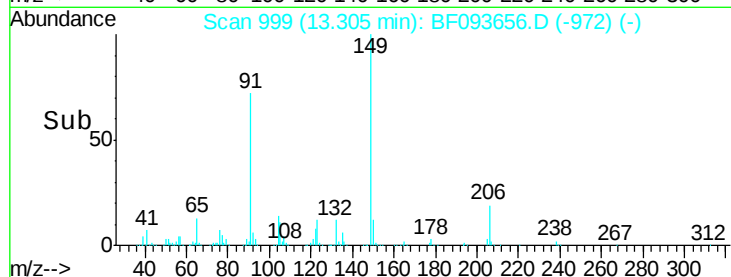
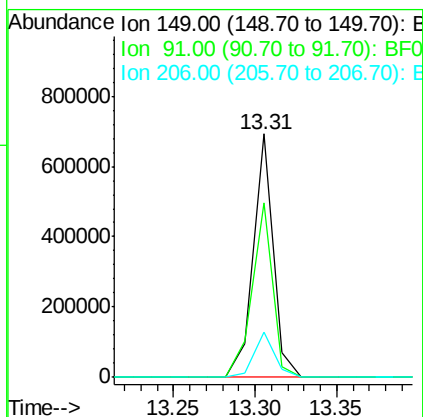
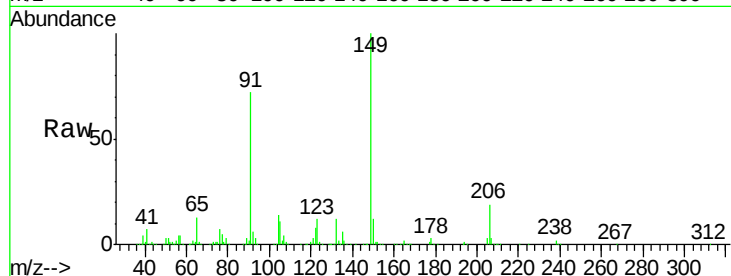




#79
Butylbenzylphthalate
Concen: 44.38 ng
RT: 13.31 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

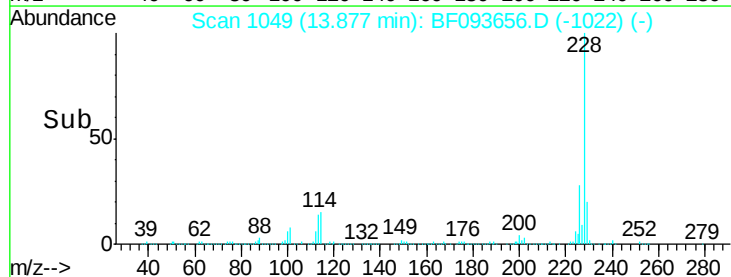
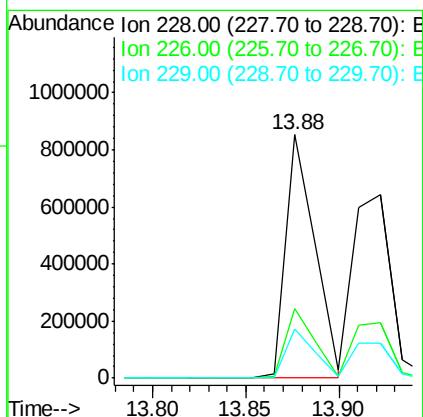
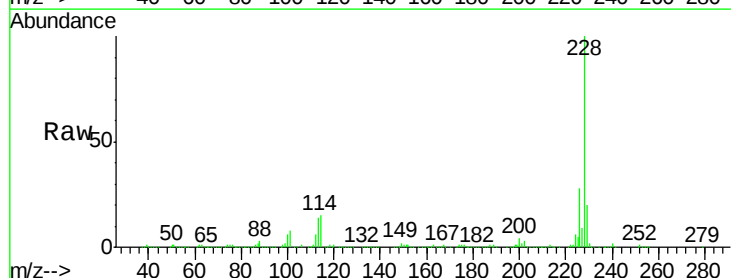
Instrument :
BNA_M
ClientSampleId :

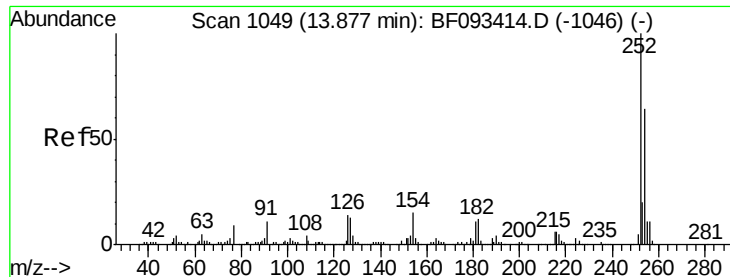
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	63.9	95.9
206	18.6	14.6	21.8



#80
Benzo(a)anthracene
Concen: 35.78 ng
RT: 13.88 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.4	16.2	24.4





#81

3,3'-Dichlorobenzidine

Concen: 20.42 ng

RT: 13.84 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :

BNA_M

ClientSampleId :

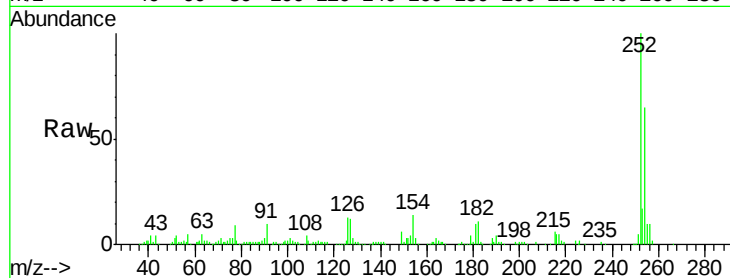
Tot Ion:252 Resp: 183964

Ion Ratio Lower Upper

252 100

254 64.6 52.3 78.5

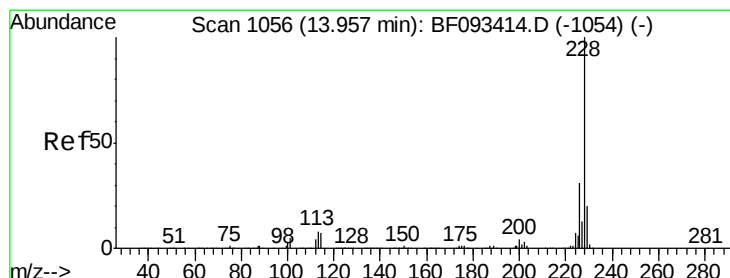
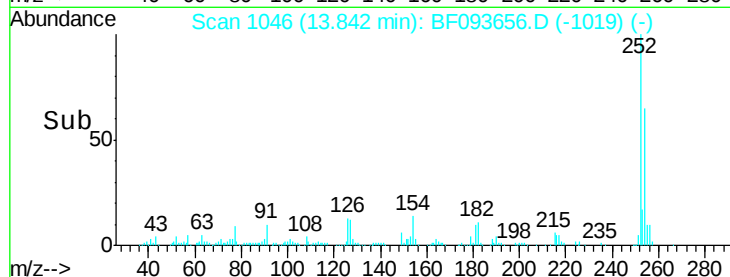
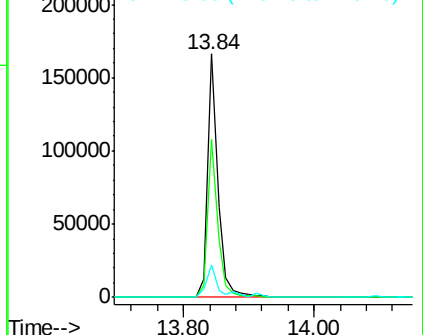
126 13.2 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.88 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

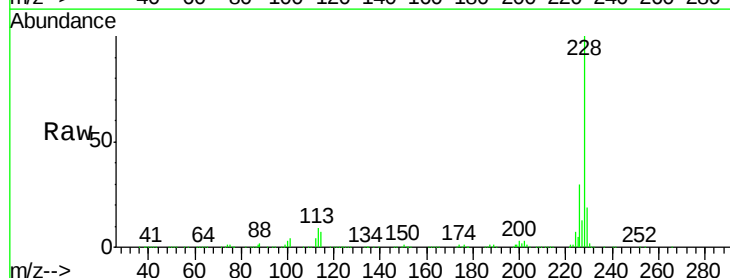
Tgt Ion:228 Resp: 925106

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

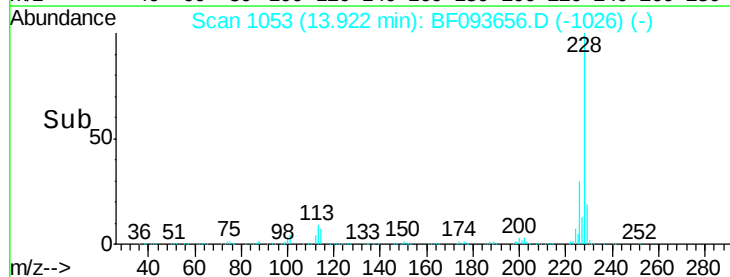
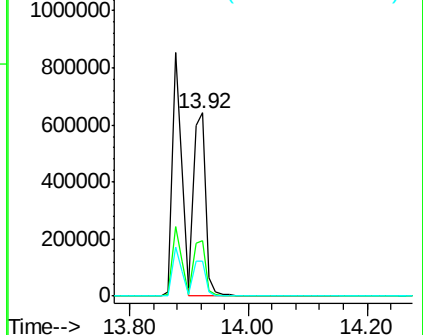
229 19.1 16.2 24.2

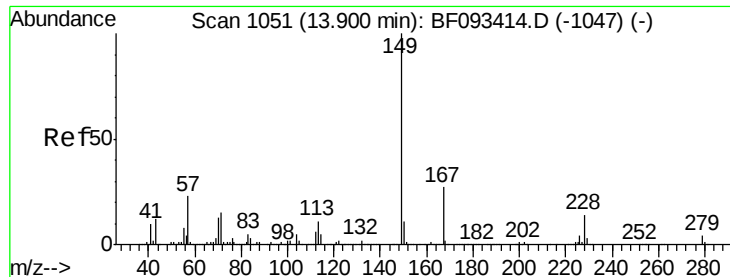


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

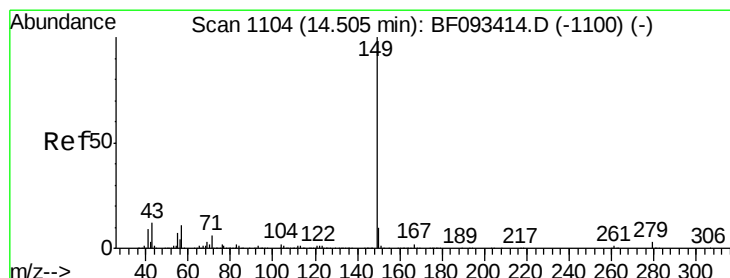
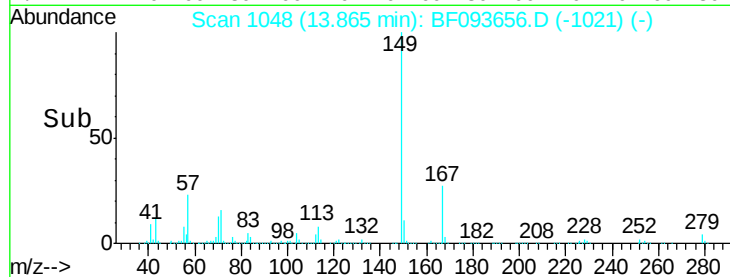
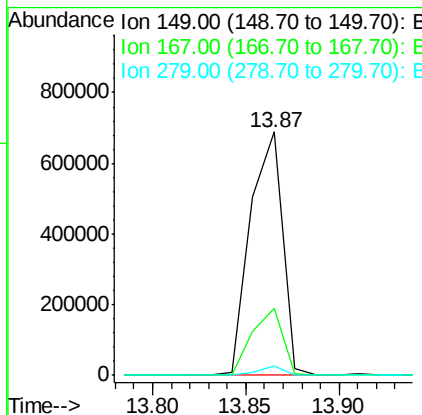
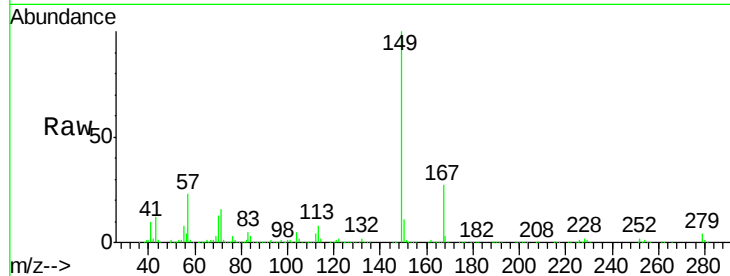




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.23 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

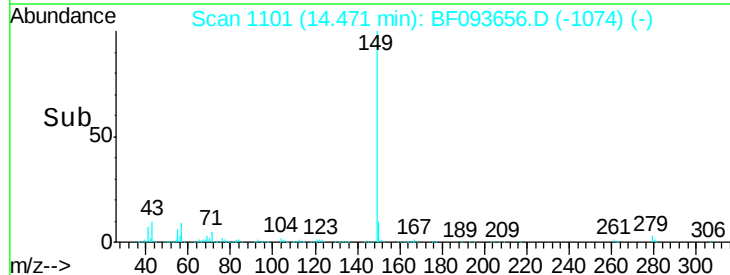
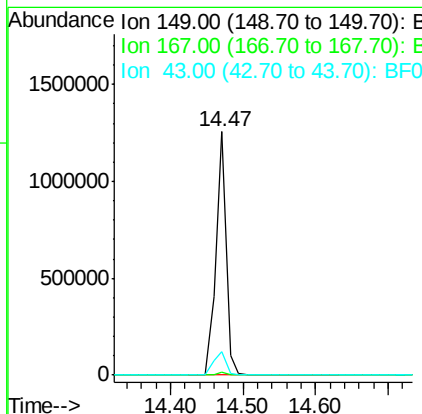
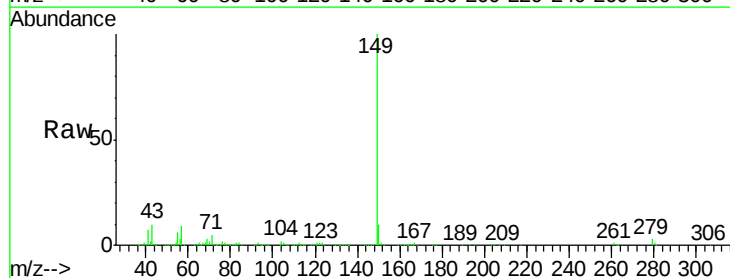
Instrument :
 BNA_M
 ClientSampleId :

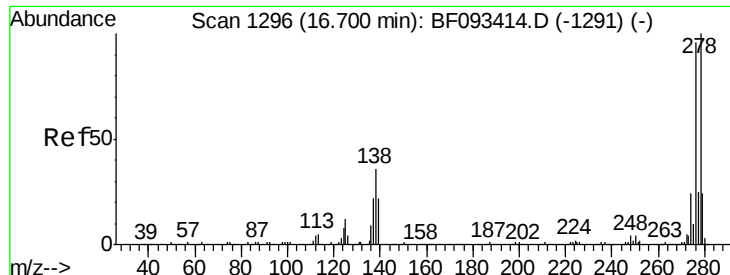
Tot Ion:149 Resp: 840508
 Ion Ratio Lower Upper
 149 100
 167 27.5 20.2 30.4
 279 3.7 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 39.73 ng
 RT: 14.47 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion:149 Resp: 1230685
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.7 8.9 13.3

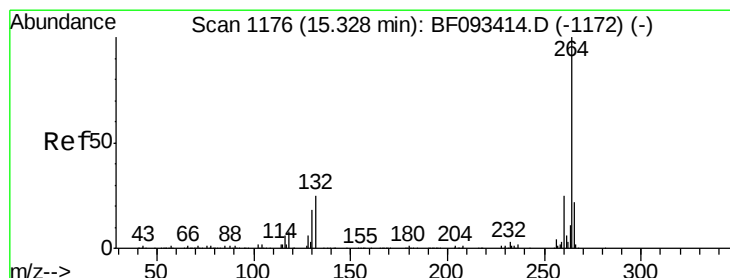
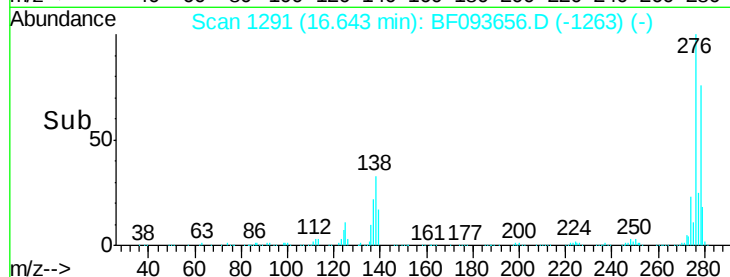
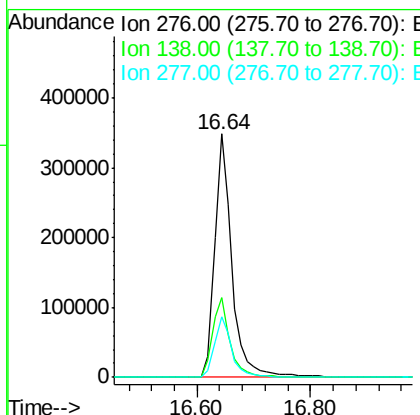
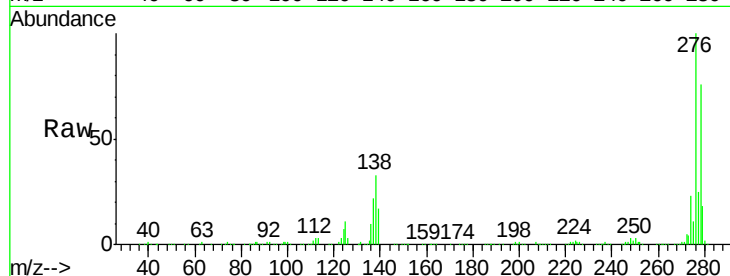




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.42 ng
 RT: 16.64 min Scan# 1291
 Delta R.T. 0.02 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

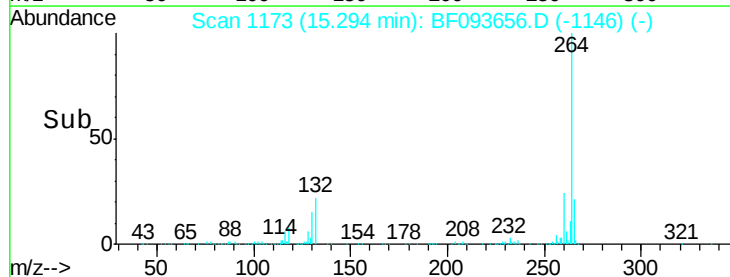
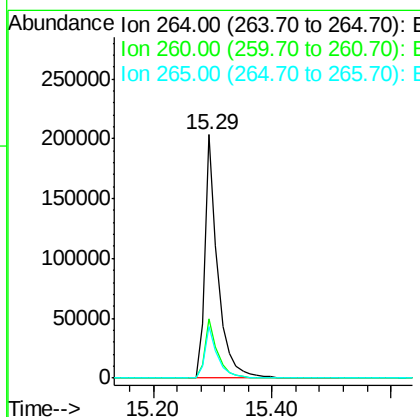
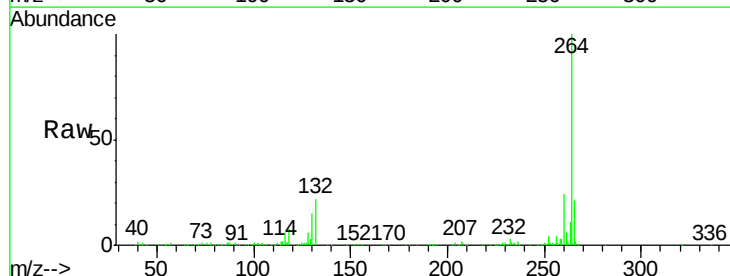
Instrument :
 BNA_M
 ClientSampleId :

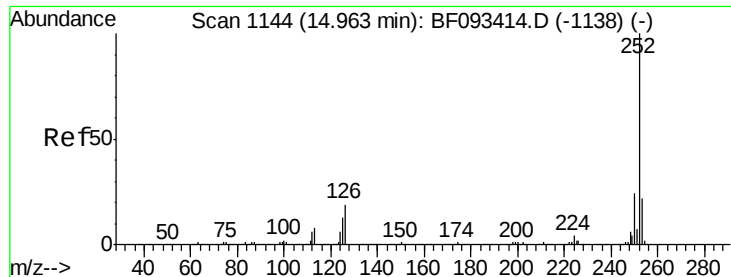
Tot Ion:276 Resp: 725513
 Ion Ratio Lower Upper
 276 100
 138 33.6 21.8 32.6#
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Tgt Ion:264 Resp: 309798
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.4 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 78.28 ng

RT: 14.93 min Scan# 1141

Delta R.T. 0.03 min

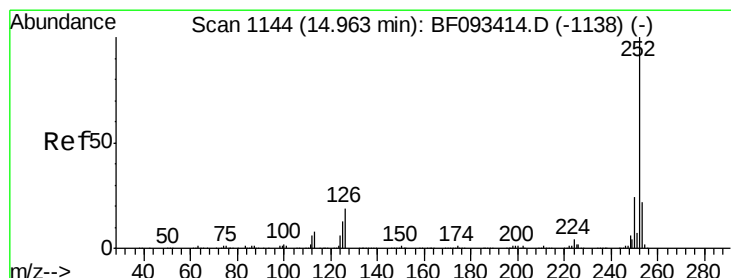
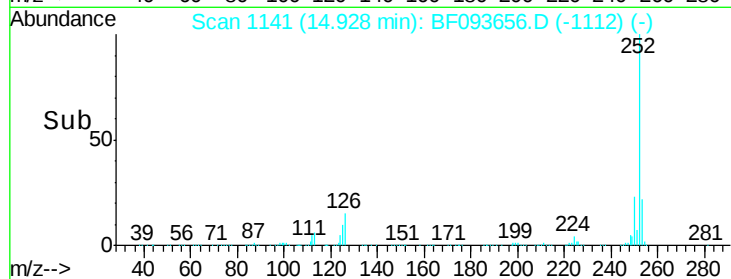
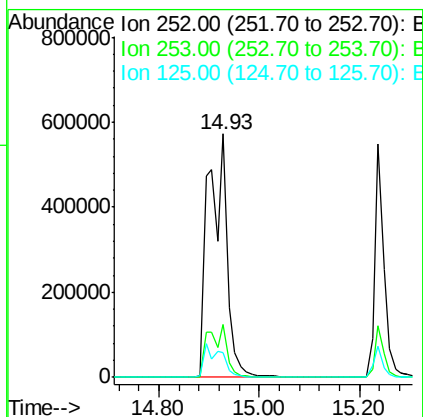
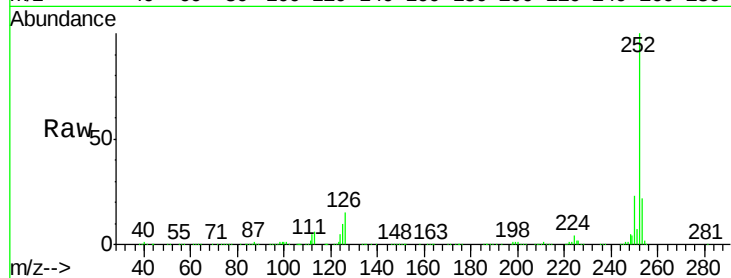
Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 1476984

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	10.0	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 81.19 ng

RT: 14.93 min Scan# 1141

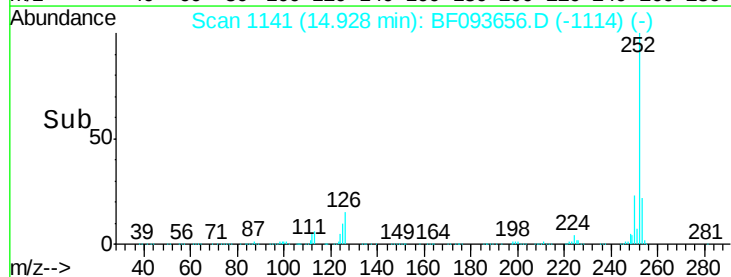
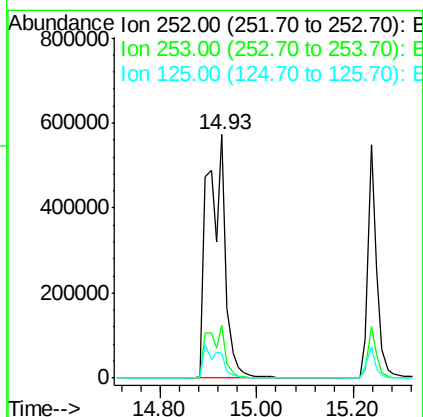
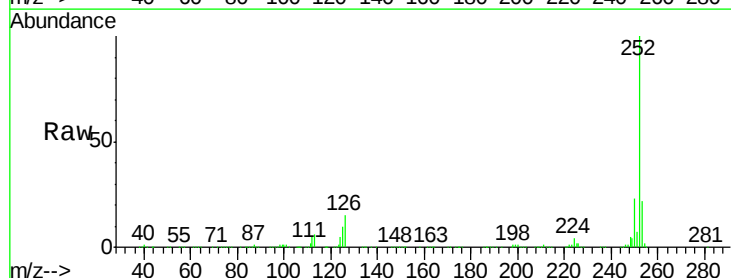
Delta R.T. 0.01 min

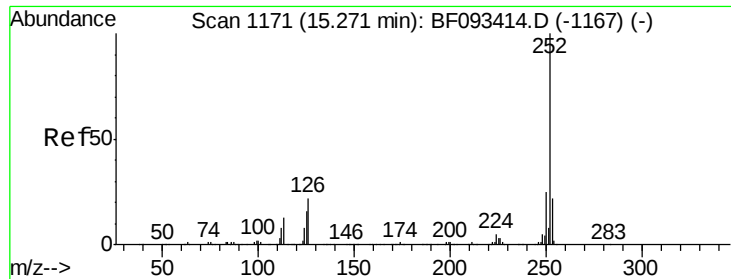
Lab File: BF093656.D

Acq: 14 Mar 2017 14:04

Tgt Ion:252 Resp: 1477369

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	10.0	8.9	13.3

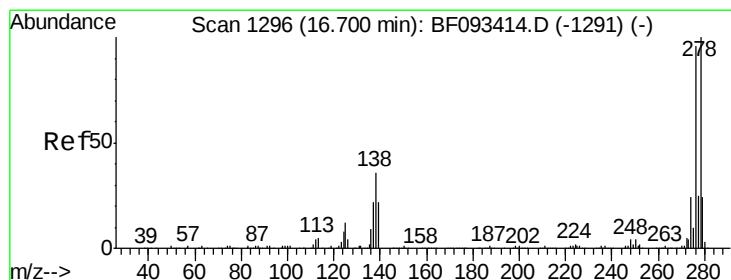
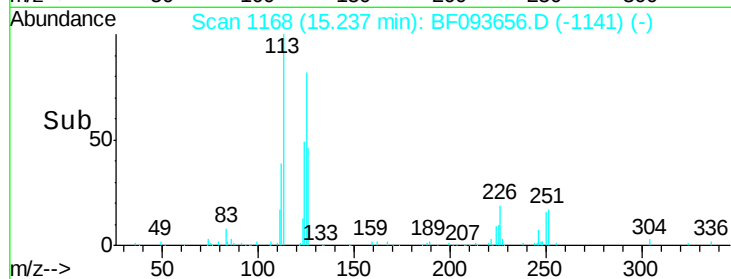
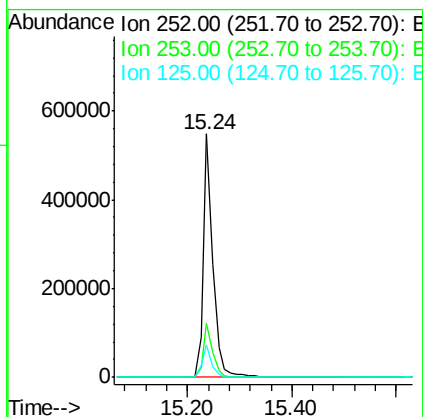
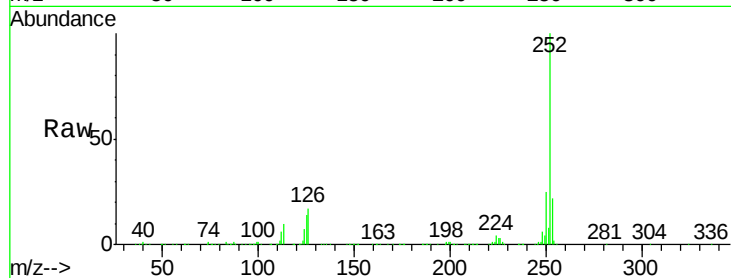




#89
Benzo(a)pyrene
Concen: 40.22 ng
RT: 15.24 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

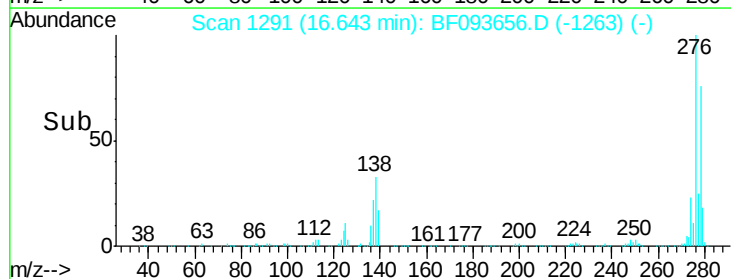
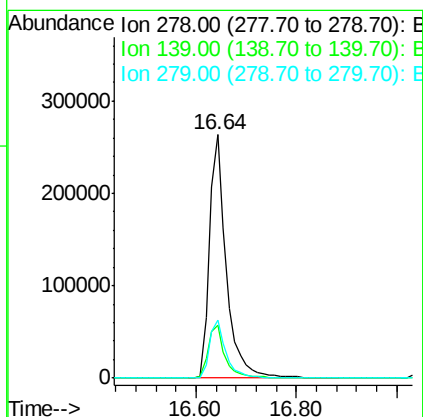
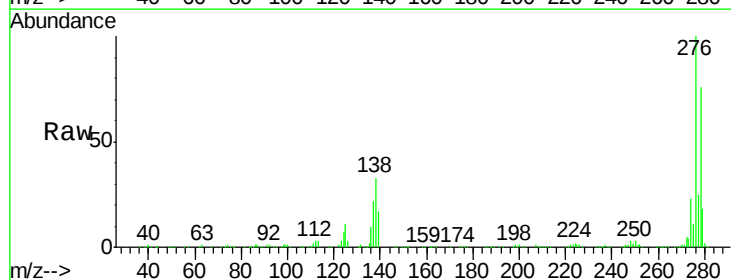
Instrument :
BNA_M
ClientSampleId :

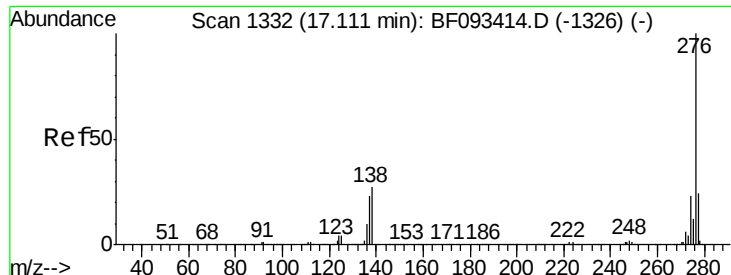
Tot Ion:252 Resp: 693608
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 13.6 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 42.98 ng
RT: 16.64 min Scan# 1291
Delta R.T. 0.02 min
Lab File: BF093656.D
Acq: 14 Mar 2017 14:04

Tgt Ion:278 Resp: 613189
Ion Ratio Lower Upper
278 100
139 21.9 14.8 22.2
279 23.9 19.8 29.6

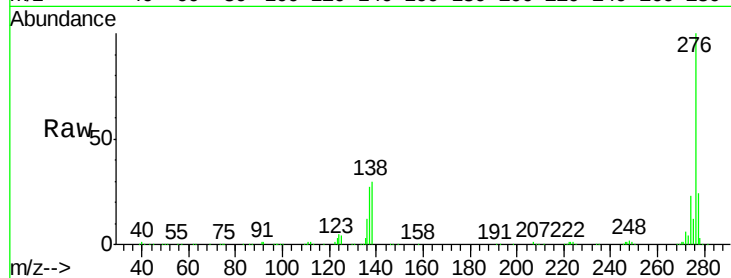




#91
 Benzo(a,h,i)perylene
 Concen: 43.18 ng
 RT: 17.04 min Scan# 1326
 Delta R.T. 0.02 min
 Lab File: BF093656.D
 Acq: 14 Mar 2017 14:04

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	30.3	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

