

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089914.D
 Acq On : 26 Aug 2016 18:17
 Operator : UM/SJ
 Sample : PB93122BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 18:45:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	292009	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	1096223	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	550780	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	1064790	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	870982	20.00	ng	-0.10
86) Perylene-d12	15.12	264	740580	20.00	ng	-0.25

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1745709	102.52	ng	-0.02
7) Phenol-d6	6.30	99	2372610	113.51	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1188018	67.33	ng	-0.05
41) 2,4,6-Tribromophenol	10.47	330	574774	109.81	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	2465266	78.67	ng	-0.03
78) Terphenyl-d14	12.74	244	2038350	52.94	ng	-0.04

Target Compounds						Qvalue
3) Pyridine	3.00	79	2702	0.12	ng	# 45
4) n-Nitrosodimethylamine	2.80	42	238	0.03	ng	# 1
6) Aniline	6.31	93	1854	0.07	ng	# 81
8) 2-Chlorophenol	6.43	128	1353	0.07	ng	# 92
9) Benzaldehyde	6.28	77	2721	0.20	ng	# 4
10) Phenol	6.30	94	786	0.03	ng	# 1
11) bis(2-Chloroethyl)ether	6.41	93	2960	0.16	ng	# 1
12) 1,3-Dichlorobenzene	6.58	146	514	0.02	ng	# 90
13) 1,4-Dichlorobenzene	6.58	146	514	0.02	ng	# 97
14) 1,2-Dichlorobenzene	6.58	146	514	0.03	ng	# 98
15) Benzyl Alcohol	6.80	79	19192	1.38	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	6.94	45	729	0.03	ng	# 69
17) 2-Methylphenol	6.91	107	435	0.03	ng	# 77
19) n-Nitroso-di-n-propylamine	7.21	70	149518	11.18	ng	# 73
20) 3+4-Methylphenols	7.06	107	358	0.02	ng	# 88
22) Acetophenone	7.06	105	918	0.04	ng	# 67
24) Nitrobenzene	7.21	77	3803	0.19	ng	# 36
25) Isophorone	7.21	82	991395	27.86	ng	# 67
27) 2,4-Dimethylphenol	7.60	122	706	0.04	ng	# 95
28) bis(2-Chloroethoxy)methane	7.69	93	574	0.03	ng	# 83
29) 2,4-Dichlorophenol	7.79	162	363	0.02	ng	# 60
30) 1,2,4-Trichlorobenzene	7.87	180	328	0.02	ng	# 61
31) Naphthalene	7.95	128	2030	0.04	ng	# 97
32) Benzoic acid	7.63	122	2264	0.16	ng	# 95
33) 4-Chloroaniline	8.01	127	1457	0.07	ng	# 85
34) Hexachlorobutadiene	8.08	225	288	0.03	ng	# 19
35) Caprolactam	8.33	113	696	0.15	ng	# 89
36) 4-Chloro-3-methylphenol	8.49	107	581	0.04	ng	# 80
37) 2-Methylnaphthalene	8.74	142	1158	0.03	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	566	0.03	ng	# 80
42) 2,4,6-Trichlorophenol	8.92	196	388	0.03	ng	# 85
43) 2,4,5-Trichlorophenol	8.96	196	338	0.03	ng	# 60
45) 1,1'-Biphenyl	9.11	154	1610	0.04	ng	# 93
46) 2-Chloronaphthalene	9.13	162	1247	0.04	ng	# 87

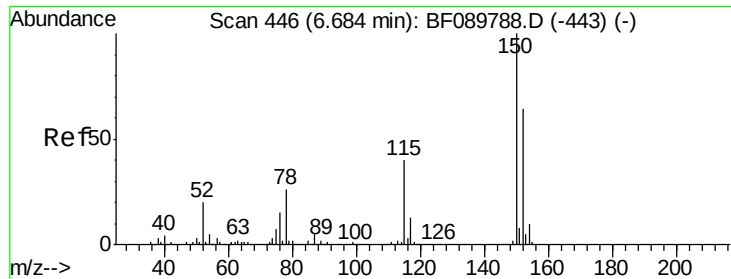
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089914.D
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 BNA_F
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Quant Time: Aug 26 18:45:36 2016
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 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	9.22	65	225	0.02	nq	# 64
48) Acenaphthylene	9.54	152	1933	0.04	nq	# 82
50) 2,6-Dinitrotoluene	9.68	165	72304	8.08	nq	# 26
51) Acenaphthene	9.68	154	3442	0.10	nq	# 4
54) Dibenzofuran	9.88	168	1973	0.05	nq	# 81
55) 4-Nitrophenol	9.88	139	616	0.08	nq	# 15
56) 2,4-Dinitrotoluene	9.68	165	72304	6.22	nq	# 35
57) Fluorene	10.22	166	1731	0.05	nq	# 92
58) 2,3,4,6-Tetrachlorophenol	10.00	232	356	0.04	nq	# 33
59) Diethylphthalate	10.11	149	1922	0.05	nq	# 72
60) 4-Chlorophenyl-phenylether	10.23	204	740	0.05	nq	# 66
62) Azobenzene	10.38	77	1411	0.04	nq	# 62
64) 4,6-Dinitro-2-methylphenol	10.47	198	1292	0.21	nq	# 33
65) n-Nitrosodiphenylamine	10.34	169	1289	0.04	nq	# 85
66) 4-Bromophenyl-phenylether	10.47	248	32942	2.95	nq	# 1
67) Hexachlorobenzene	10.76	284	427	0.03	nq	# 50
68) Atrazine	10.87	200	270	0.03	nq	# 38
69) Pentachlorophenol	10.96	266	435	0.06	nq	# 17
70) Phenanthrene	11.18	178	3132	0.06	nq	97
71) Anthracene	11.22	178	2614	0.05	nq	97
72) Carbazole	11.38	167	2192	0.04	nq	94
73) Di-n-butylphthalate	11.73	149	5472	0.09	nq	# 93
74) Fluoranthene	12.35	202	2219	0.04	nq	64
76) Benzidine	12.48	184	15426	0.55	nq	97
77) Pyrene	12.57	202	2410	0.03	nq	# 91
79) Butylbenzylphthalate	13.22	149	716	0.02	nq	# 87
80) Benzo(a)anthracene	13.79	228	6863	0.14	nq	98
81) 3,3'-Dichlorobenzidine	13.74	252	701	0.04	nq	# 68
82) Chrysene	13.79	228	6863	0.16	nq	95
83) Bis(2-ethylhexyl)phthalate	13.78	149	1484	0.03	nq	# 82
84) Di-n-octyl phthalate	14.39	149	1739	0.03	nq	# 53
85) Indeno(1,2,3-cd)pyrene	16.72	276	1712	0.03	nq	# 46
87) Benzo(b)fluoranthene	14.75	252	4145	0.10	nq	99
88) Benzo(k)fluoranthene	14.75	252	4145	0.11	nq	96
89) Benzo(a)pyrene	15.06	252	1595	0.04	nq	# 84
90) Dibenzo(a,h)anthracene	16.37	278	989	0.02	nq	# 54
91) Benzo(g,h,i)perylene	16.72	276	1712	0.04	nq	# 49

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

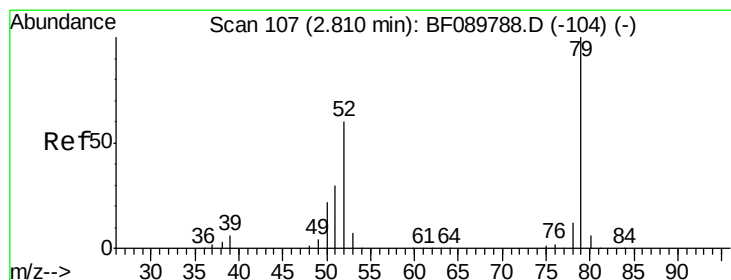
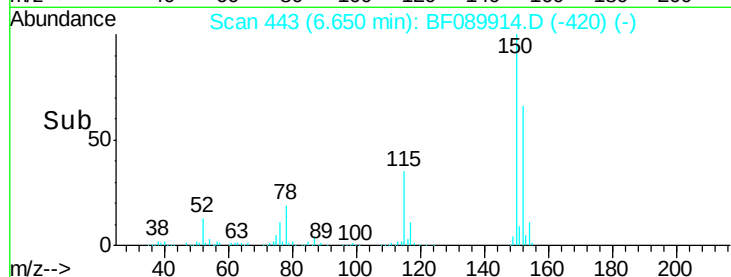
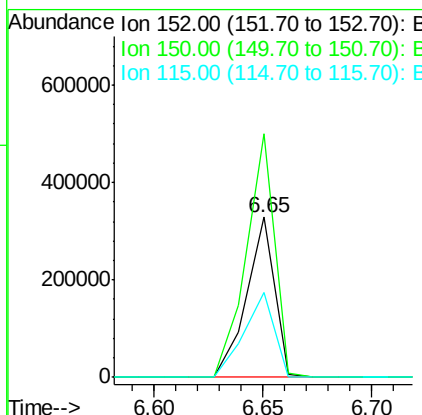
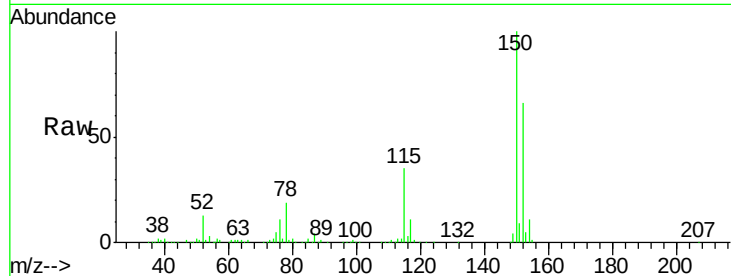


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

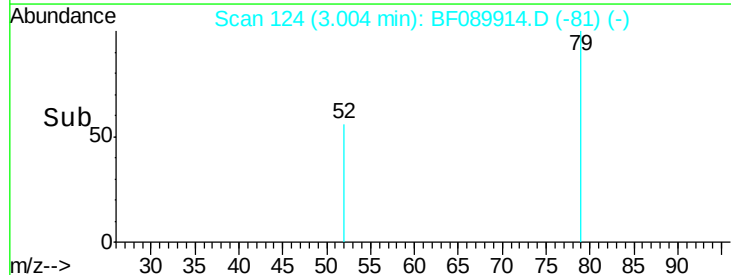
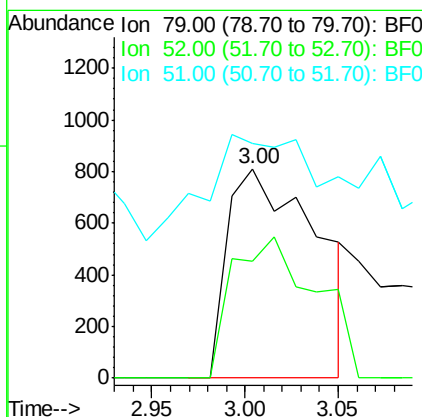
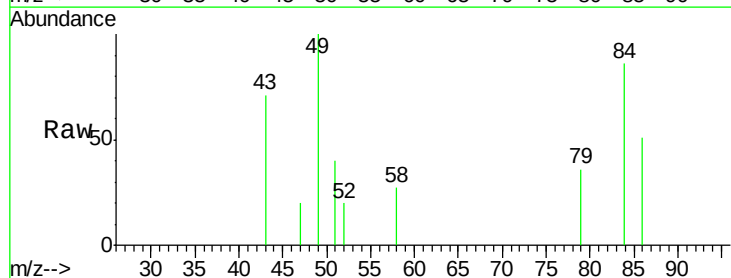
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	125.3	187.9
115	52.8	40.9	61.3

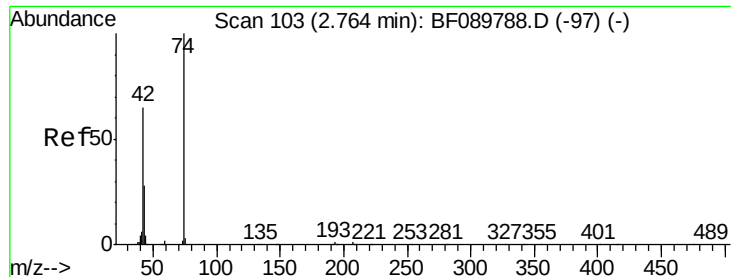


#3

Pyridine
Concen: 0.12 ng
RT: 3.00 min Scan# 124
Delta R.T. 0.19 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion	Ratio	Lower	Upper
79	100		
52	55.9	53.6	80.4
51	111.8	26.6	39.8





#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.03 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

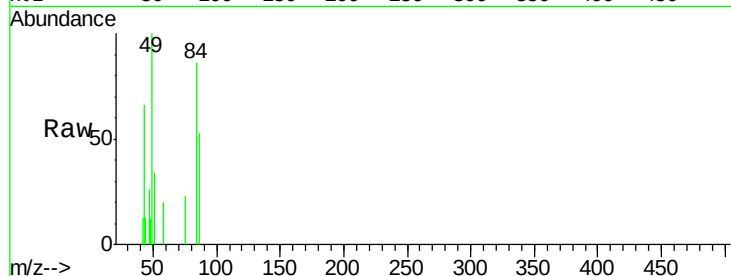
Tot Ion: 42 Resp: 238

Ion Ratio Lower Upper

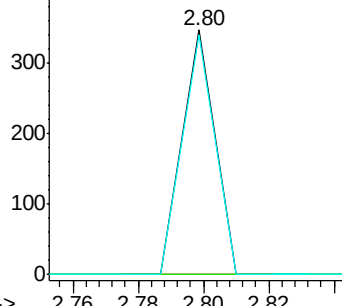
42 100

74 0.0 106.2 159.2#

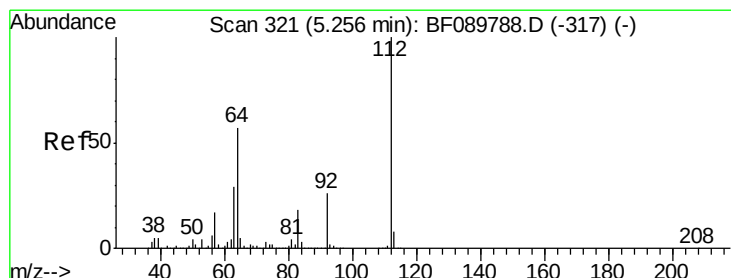
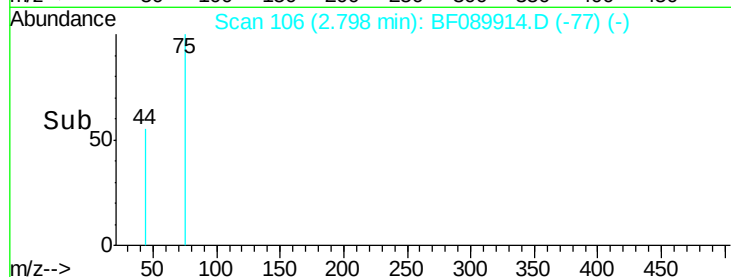
44 98.3 6.9 10.3#



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



Time-->



#5

2-Fluorophenol

Concen: 102.52 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.02 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

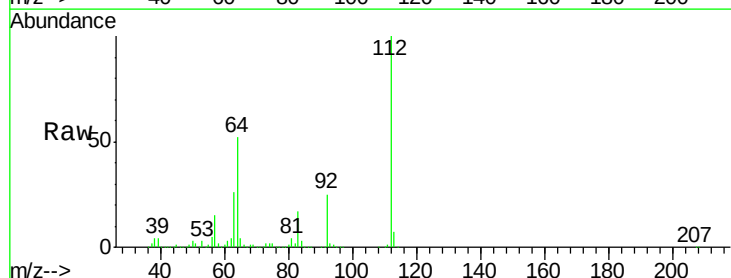
Tgt Ion: 112 Resp: 1745709

Ion Ratio Lower Upper

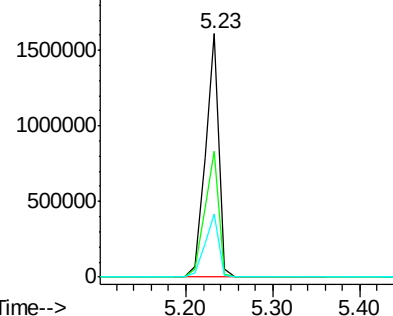
112 100

64 51.8 45.0 67.4

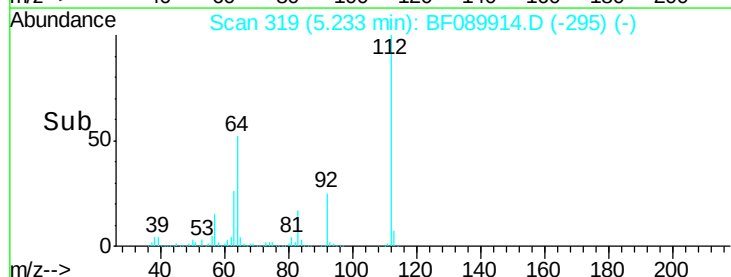
63 25.9 23.1 34.7

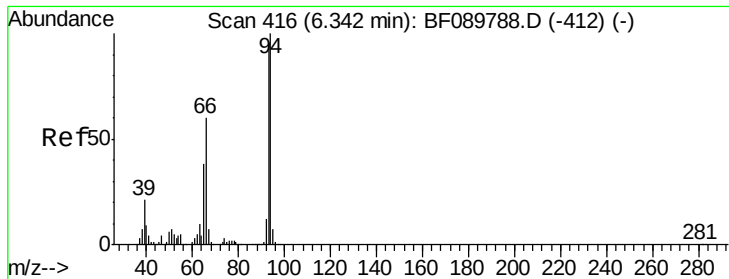


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#6

Aniline

Concen: 0.07 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

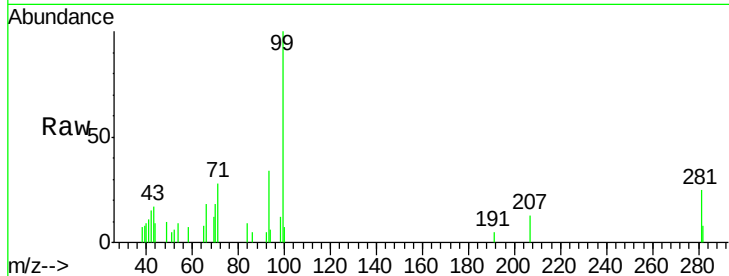
Tot Ion: 93 Resp: 1854

Ion Ratio Lower Upper

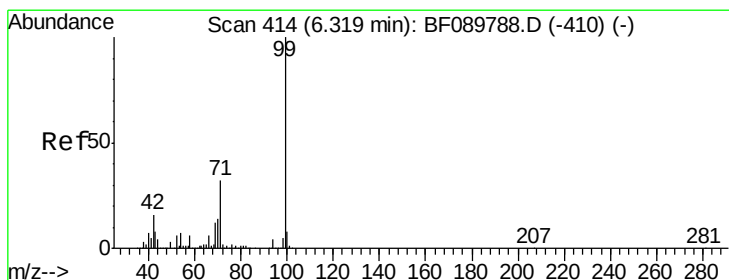
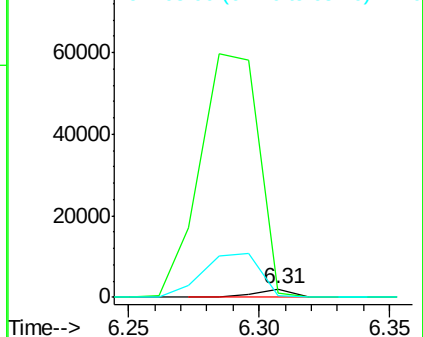
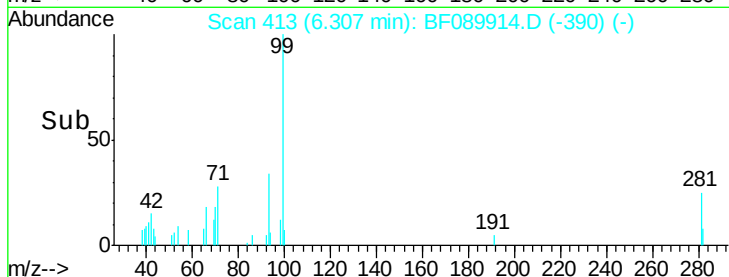
93 100

66 53.1 30.6 46.0#

65 22.7 15.4 23.2



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: 113.51 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

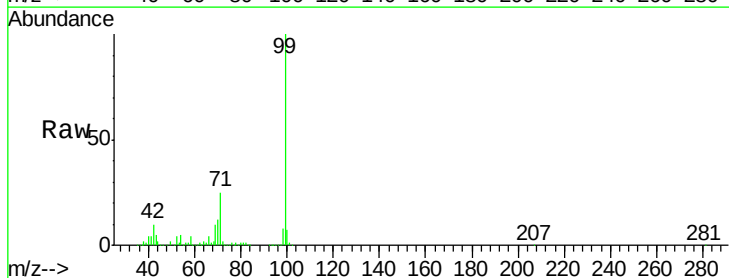
Tgt Ion: 99 Resp: 2372610

Ion Ratio Lower Upper

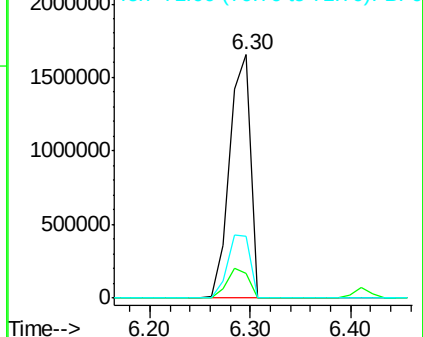
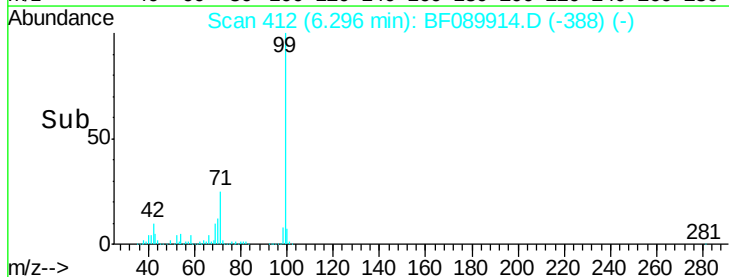
99 100

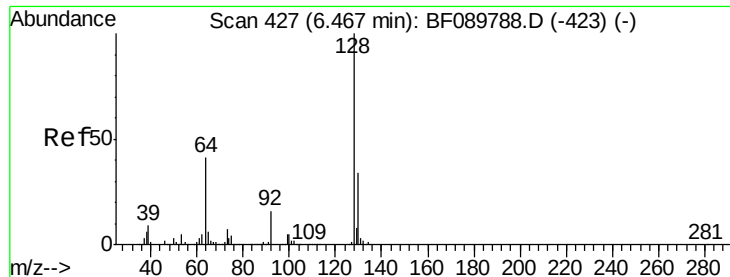
42 10.2 12.2 18.4#

71 25.5 23.8 35.8



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: 0.07 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

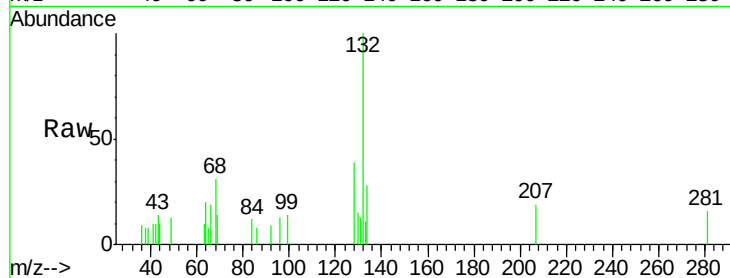
Tot Ion:128 Resp: 1353

Ion Ratio Lower Upper

128 100

130 38.5 12.0 52.0

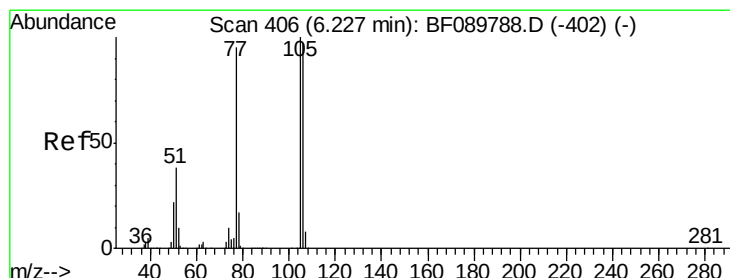
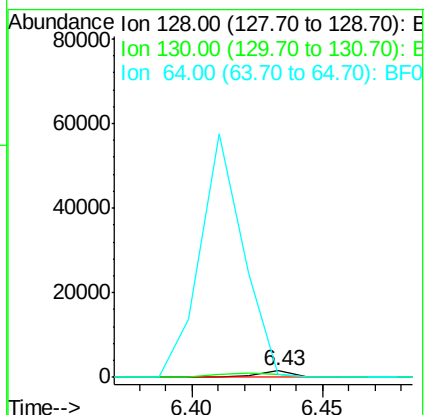
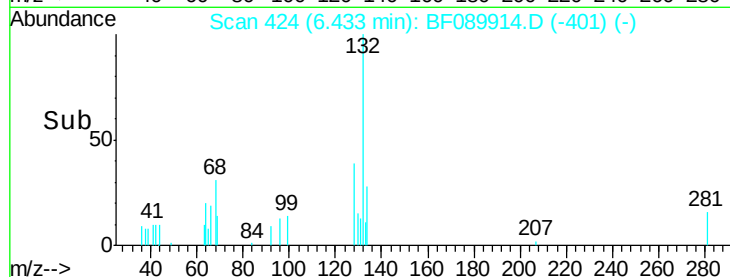
64 51.1 35.1 75.1



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: 0.20 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.06 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

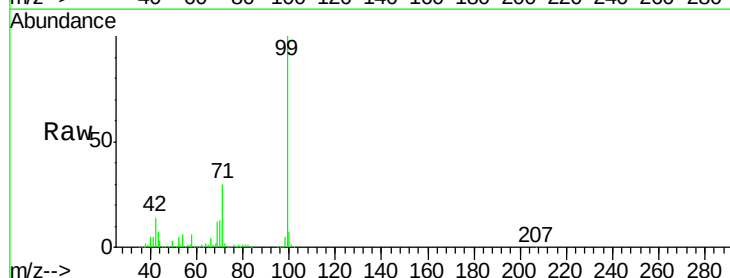
Tgt Ion: 77 Resp: 2721

Ion Ratio Lower Upper

77 100

105 0.0 73.3 113.3#

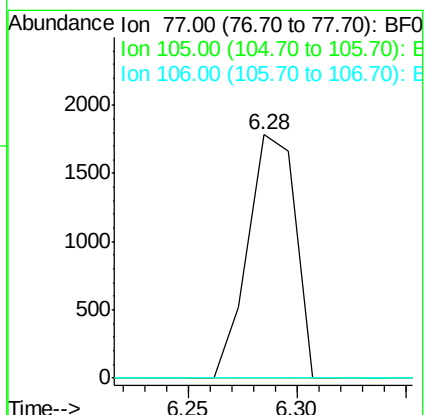
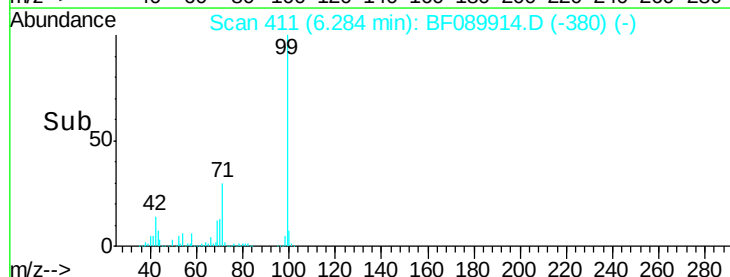
106 0.0 68.6 108.6#

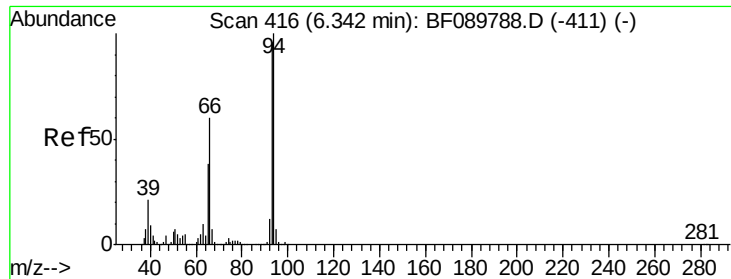


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

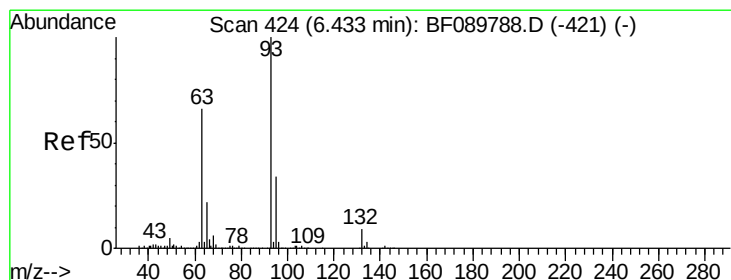
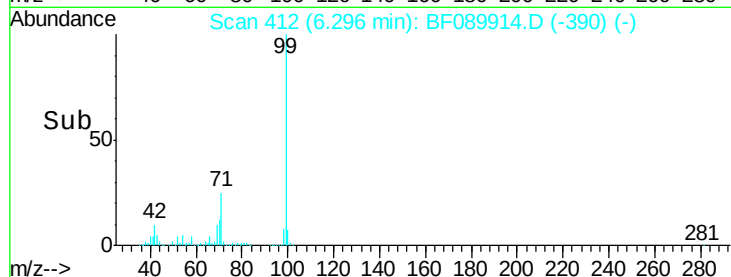
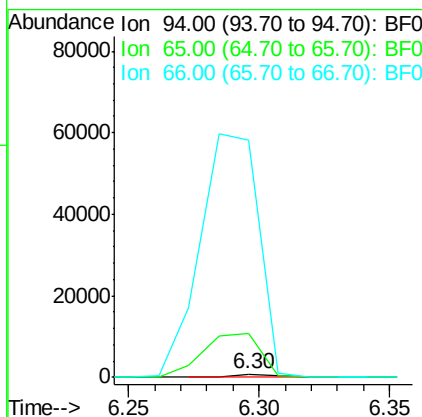
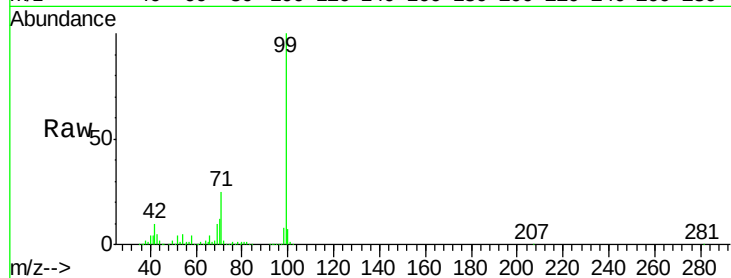




#10
Phenol
Concen: 0.03 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

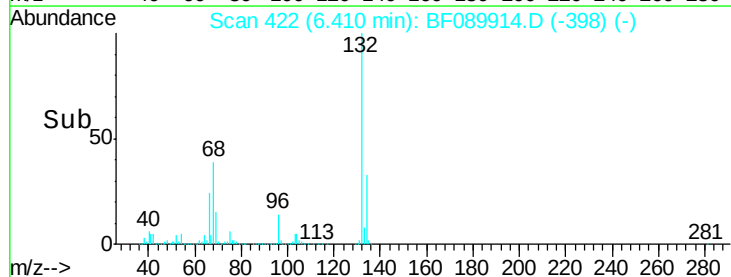
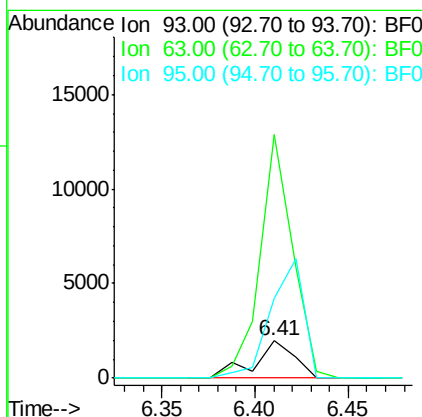
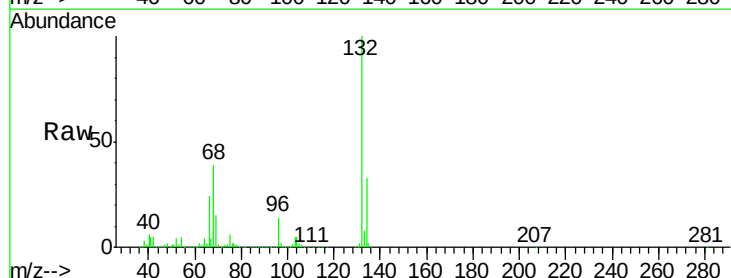
Instrument :
BNA_F
ClientSampleId :

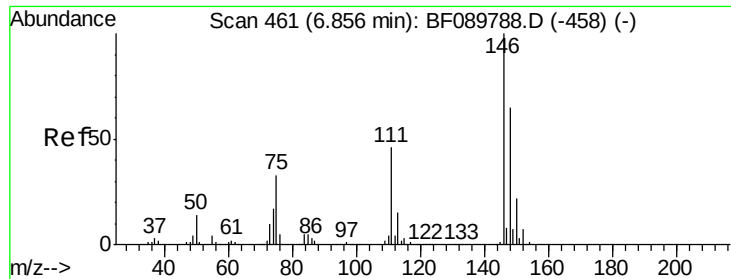
Tot Ion: 94 Resp: 786
Ion Ratio Lower Upper
94 100
65 1401.0 14.0 54.0#
66 7465.3 31.2 71.2#



#11
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion: 93 Resp: 2960
Ion Ratio Lower Upper
93 100
63 653.0 55.8 95.8#
95 212.9 13.0 53.0#

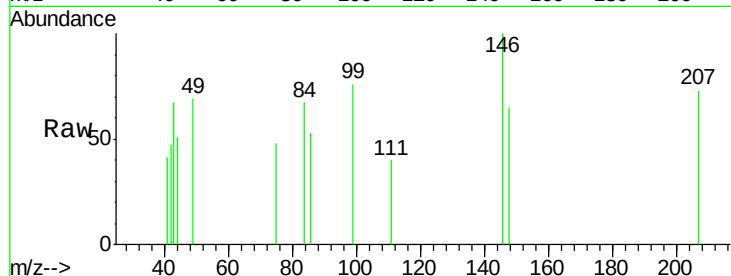




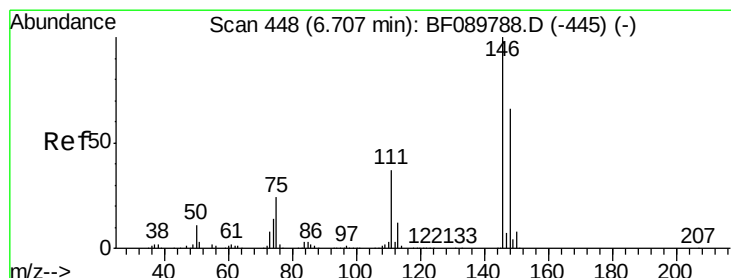
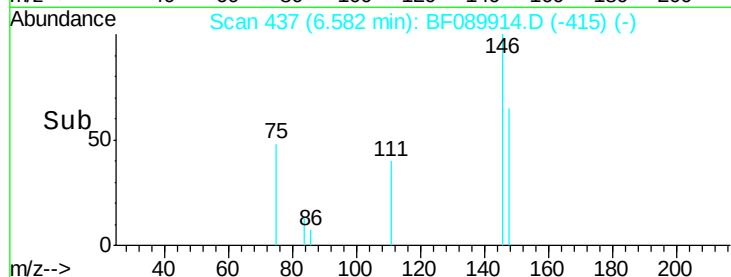
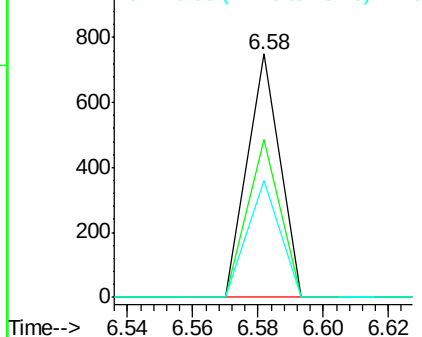
#12
 1,3-Dichlorobenzene
 Concen: 0.02 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.05 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 514
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.4
 75 48.0 27.0 40.6#

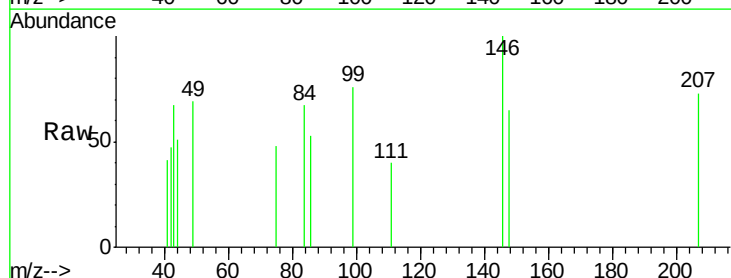


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

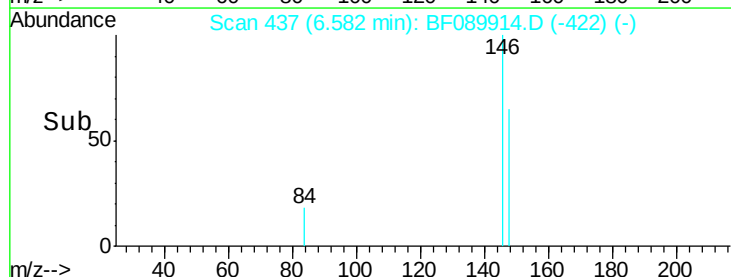
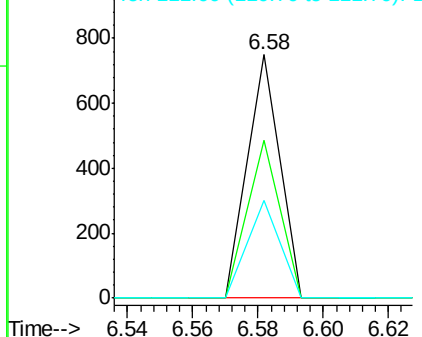


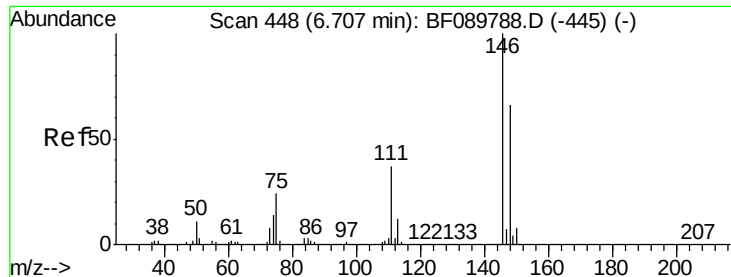
#13
 1,4-Dichlorobenzene
 Concen: 0.02 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.13 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:146 Resp: 514
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.6
 111 40.0 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

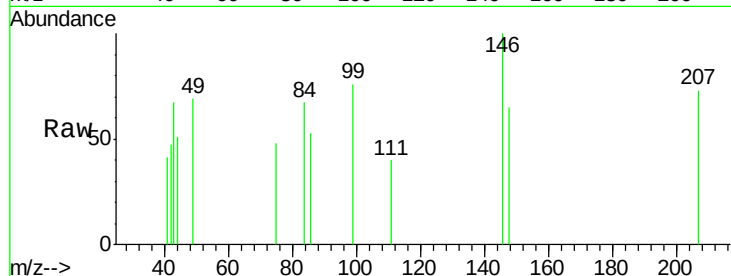




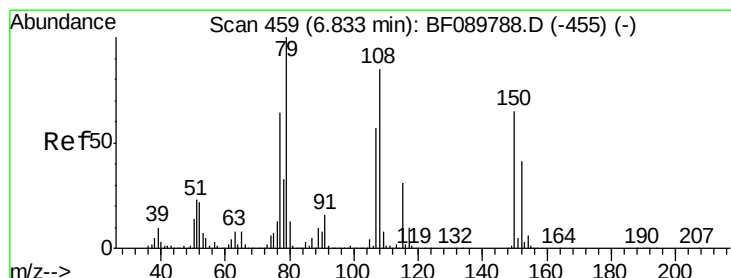
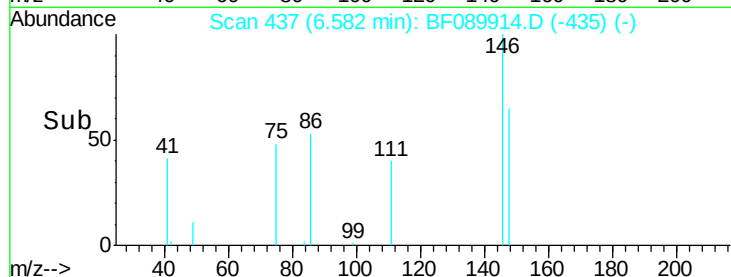
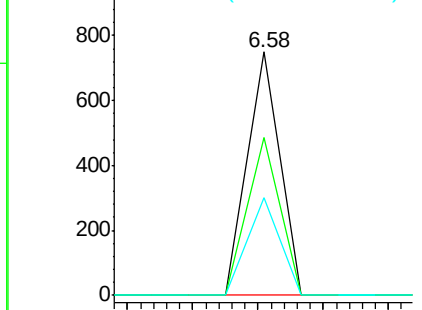
#14
1,2-Dichlorobenzene
Concen: 0.03 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.27 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:146 Resp: 514
Ion Ratio Lower Upper
146 100
148 64.8 52.2 78.2
111 40.0 29.8 44.6

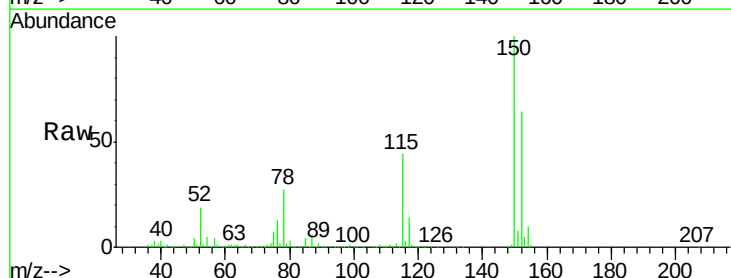


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

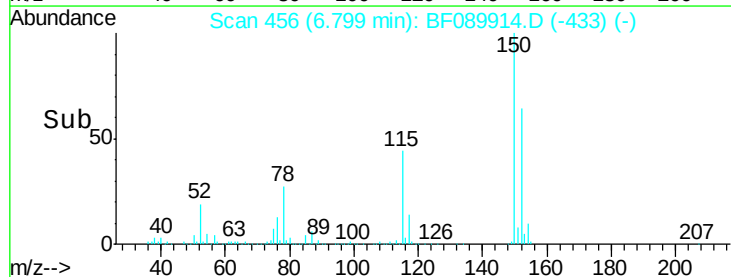
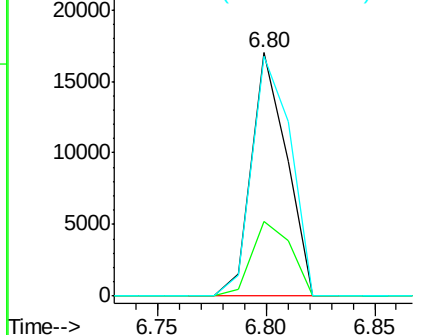


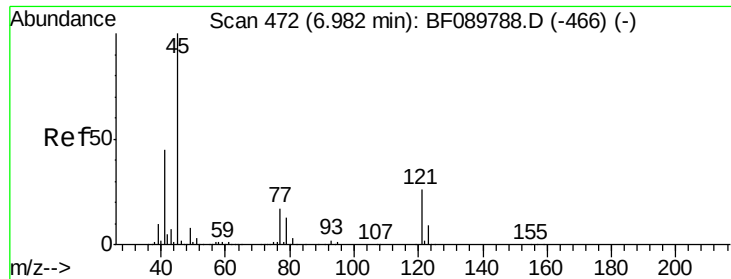
#15
Benzyl Alcohol
Concen: 1.38 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion: 79 Resp: 19192
Ion Ratio Lower Upper
79 100
108 30.9 62.5 93.7#
77 98.7 51.5 77.3#



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

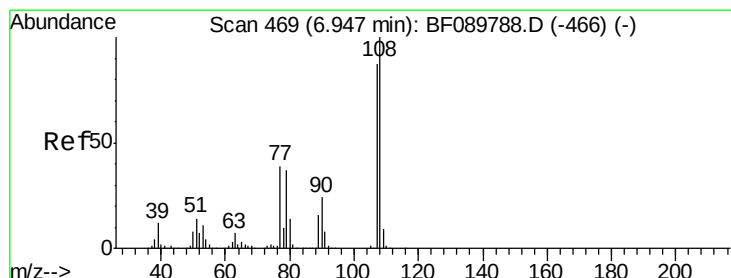
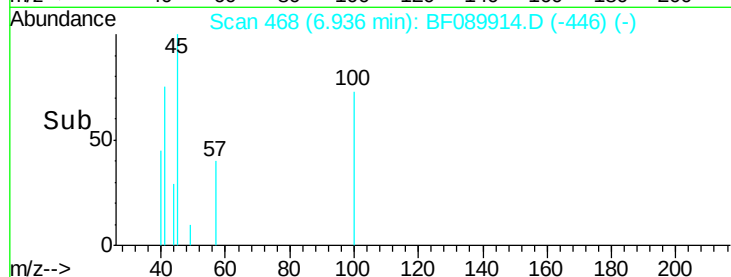
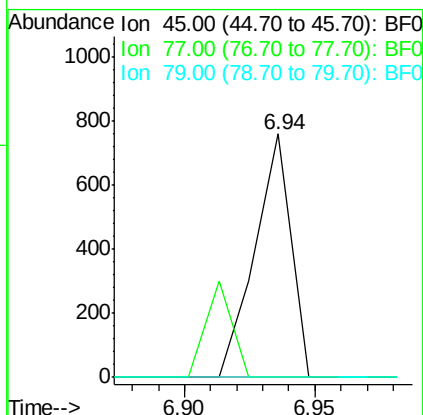
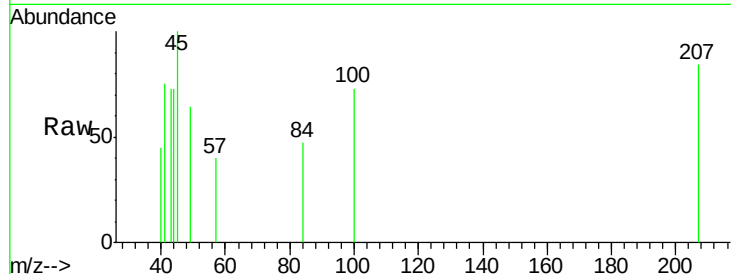




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.03 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

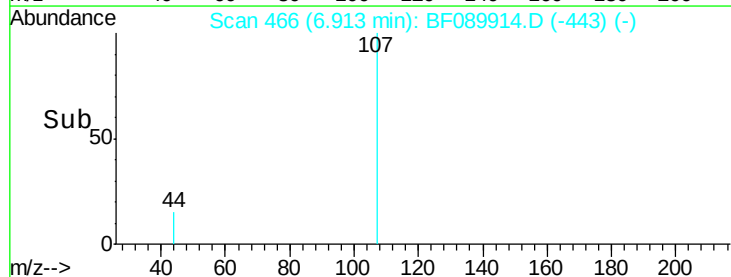
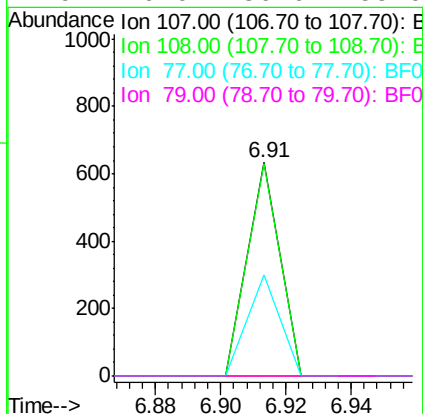
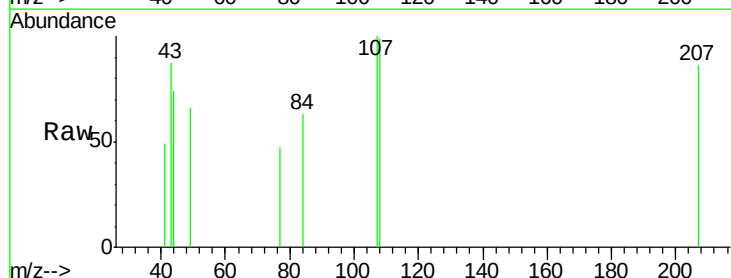
Instrument :
 BNA_F
 ClientSampleId :

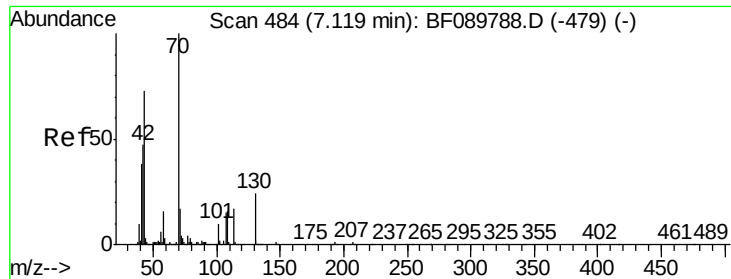
Tot Ion: 45 Resp: 729
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 33.5
 79 0.0 0.0 30.7



#17
 2-Methylphenol
 Concen: 0.03 ng
 RT: 6.91 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion: 107 Resp: 435
 Ion Ratio Lower Upper
 107 100
 108 99.4 91.0 136.4
 77 47.3 37.4 56.0
 79 0.0 36.6 55.0#

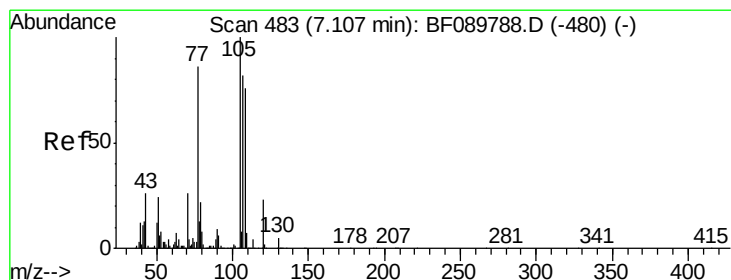
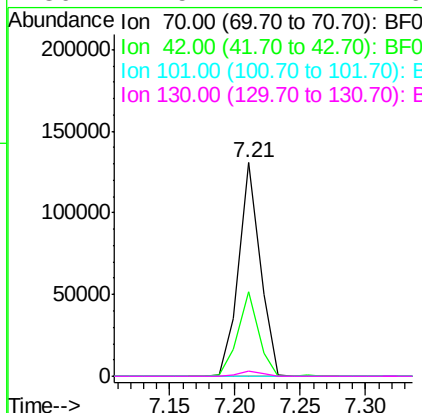
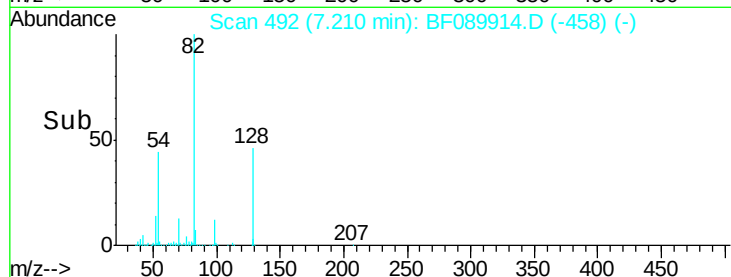
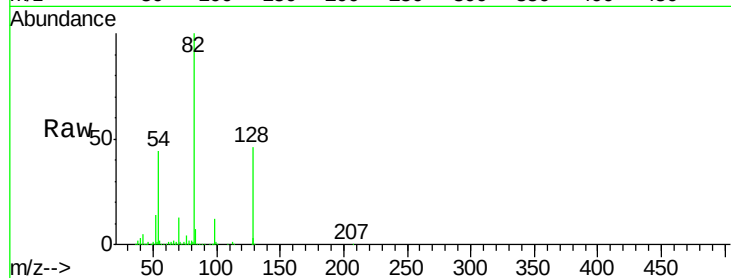




#19
n-Nitroso-di-n-propylamine
Concen: 11.18 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.09 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

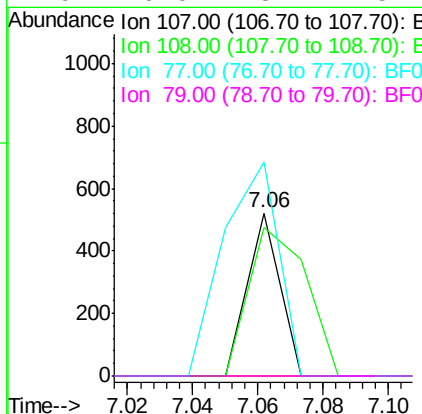
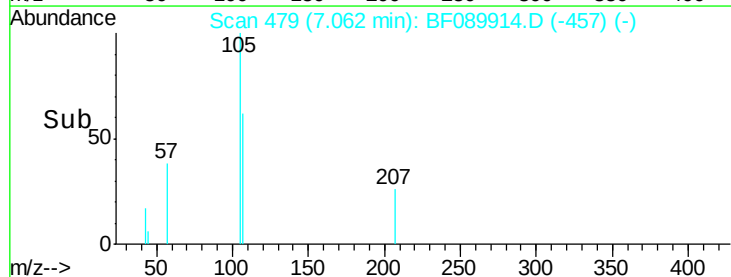
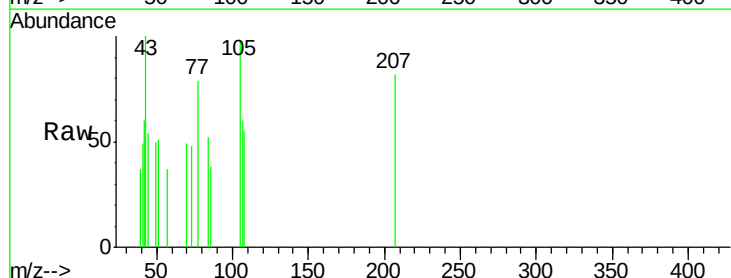
Instrument :
BNA_F
ClientSampleId :

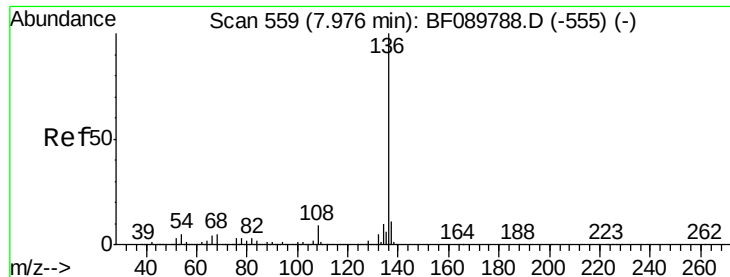
Tot Ion	Ratio	Lower	Upper
70	100		
42	39.7	46.3	69.5#
101	0.0	7.0	10.6#
130	2.5	14.4	21.6#



#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	131.0	122.3	162.3
79	0.0	8.2	48.2#

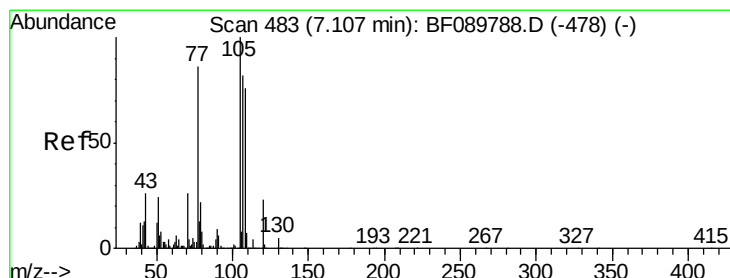
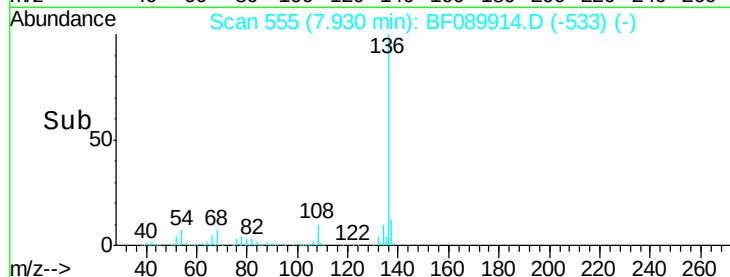
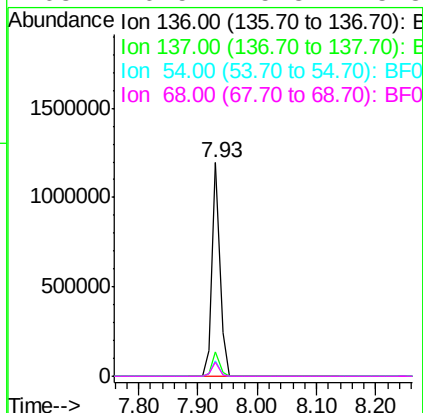
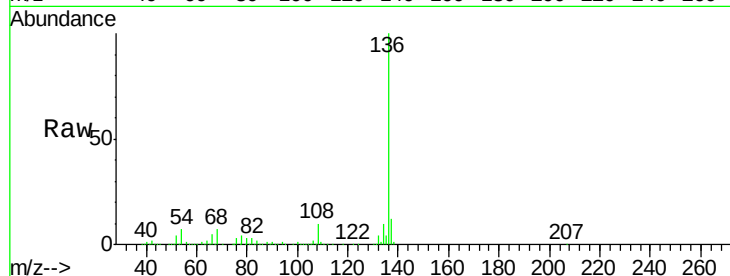




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

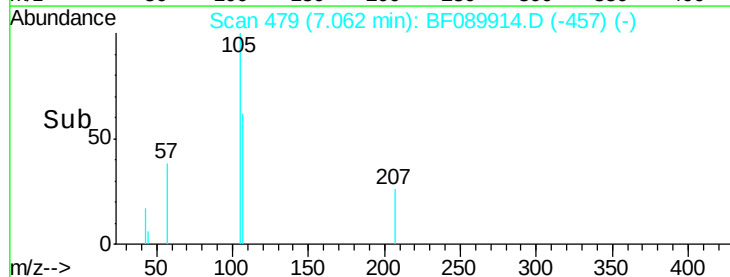
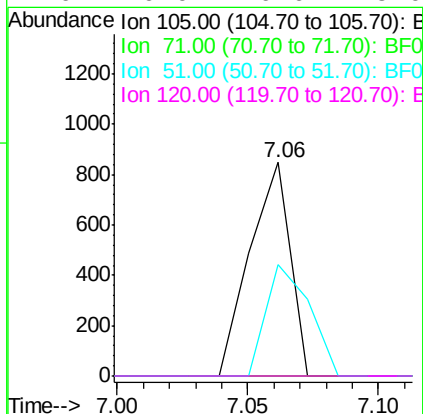
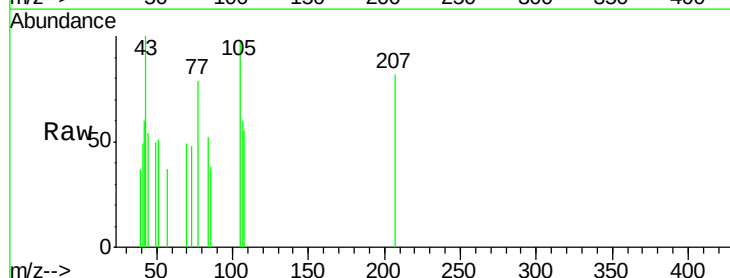
Instrument :
BNA_F
ClientSampleId :

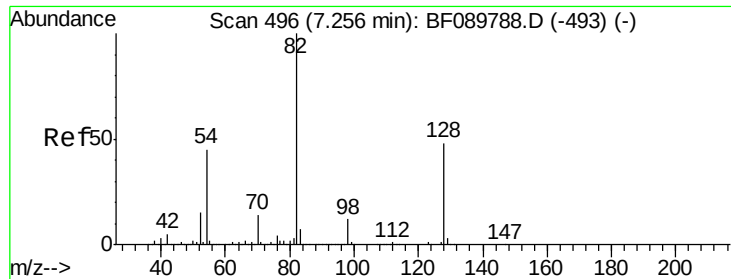
Tot Ion:136	Resp: 1096223
Ion Ratio	Lower Upper
136 100	
137 11.6	9.2 13.8
54 7.1	7.2 10.8#
68 6.5	5.8 8.8



#22
Acetophenone
Concen: 0.04 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt	Ion:105	Resp:	918
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.9	2.9#
51	52.0	28.5	42.7#
120	0.0	16.6	25.0#

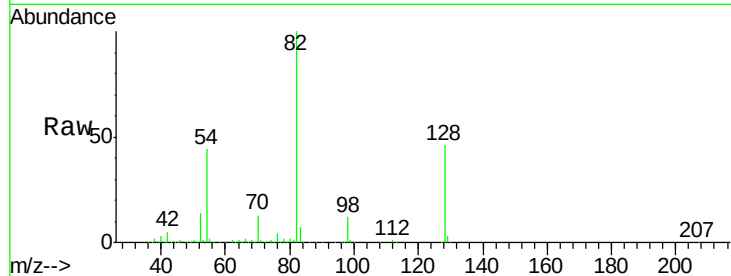




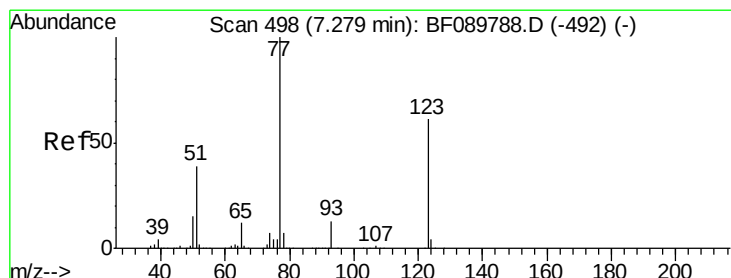
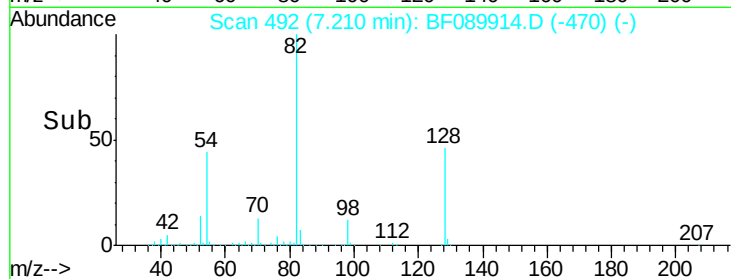
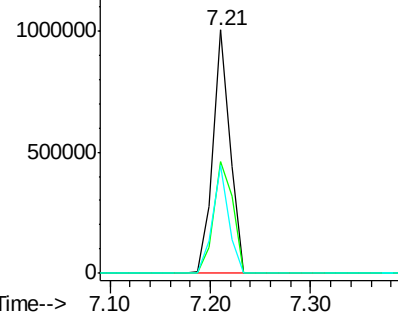
#23
Nitrobenzene-d5
Concen: 67.33 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1188018
Ion Ratio Lower Upper
82 100
128 45.7 34.4 51.6
54 44.3 40.3 60.5

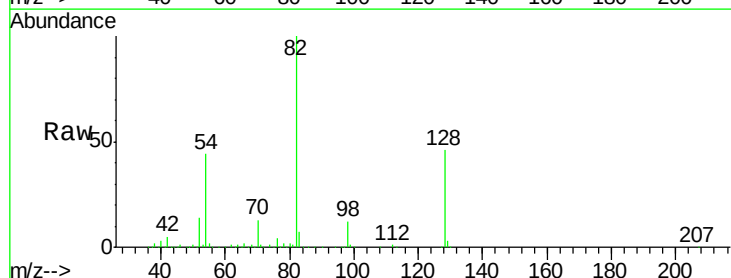


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

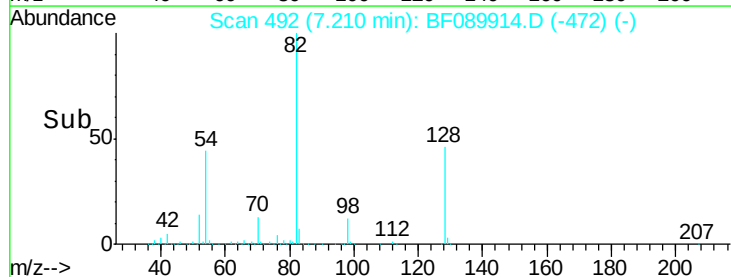
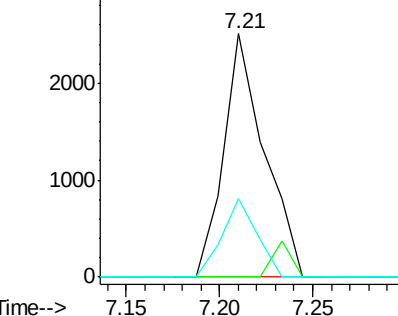


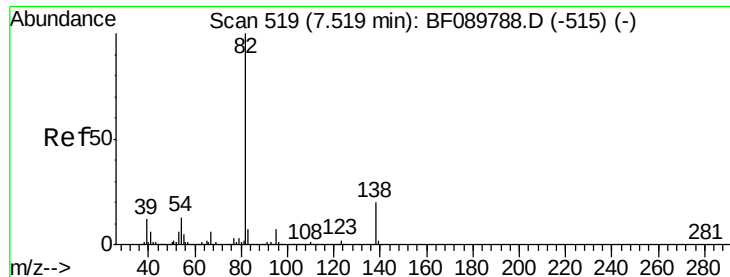
#24
Nitrobenzene
Concen: 0.19 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.07 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion: 77 Resp: 3803
Ion Ratio Lower Upper
77 100
123 0.0 36.2 54.2#
65 32.5 10.6 15.8#



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





#25

Isophorone

Concen: 27.86 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.31 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

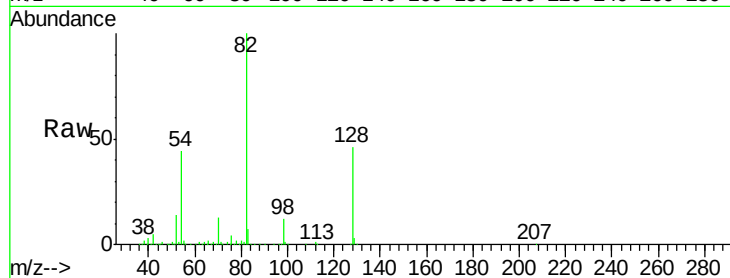
Tot Ion: 82 Resp: 991395

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

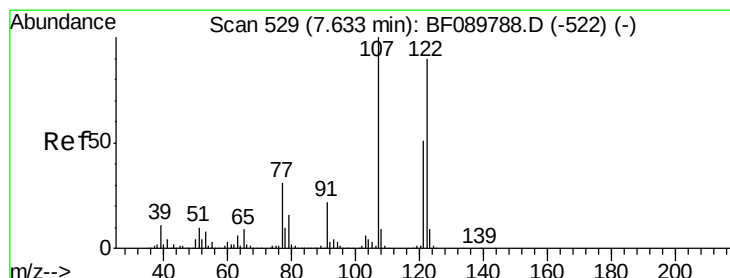
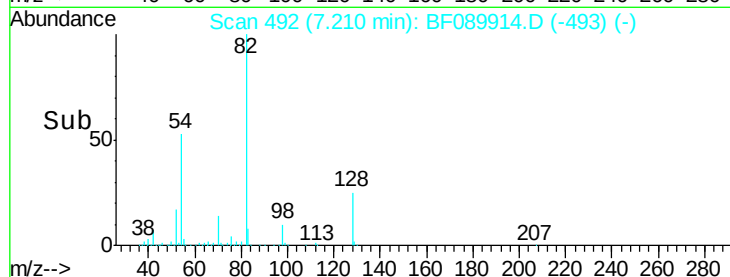
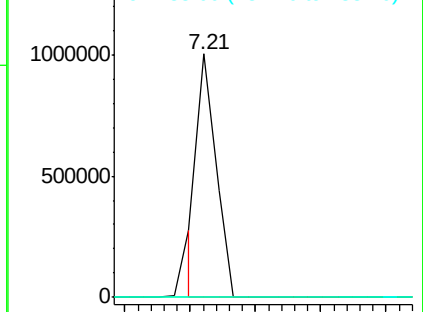
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#27

2,4-Dimethylphenol

Concen: 0.04 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

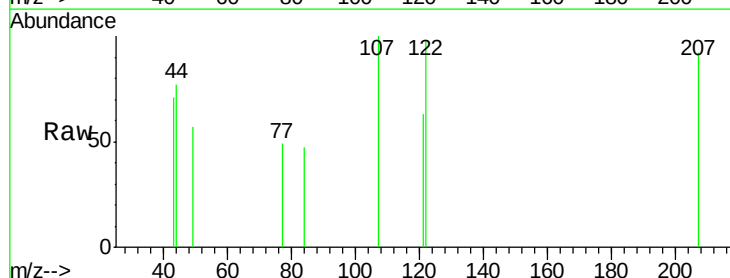
Tgt Ion:122 Resp: 706

Ion Ratio Lower Upper

122 100

107 101.6 84.8 127.2

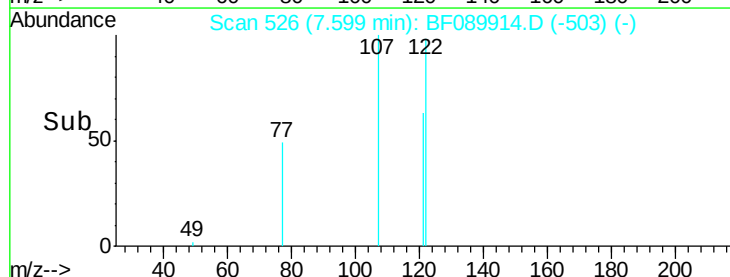
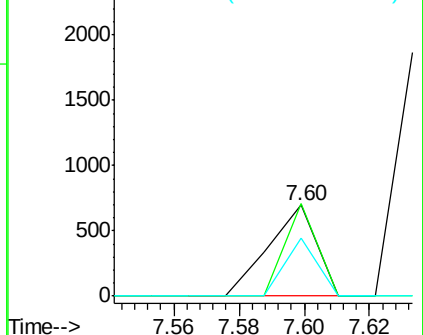
121 63.6 47.0 70.6

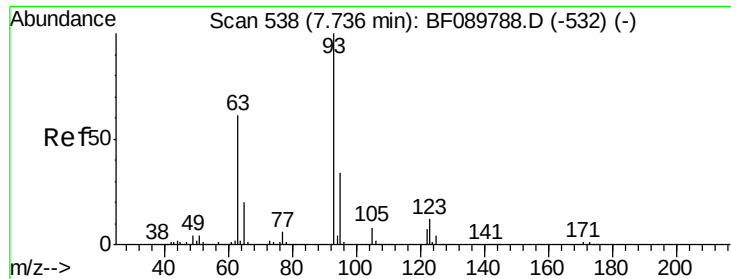


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

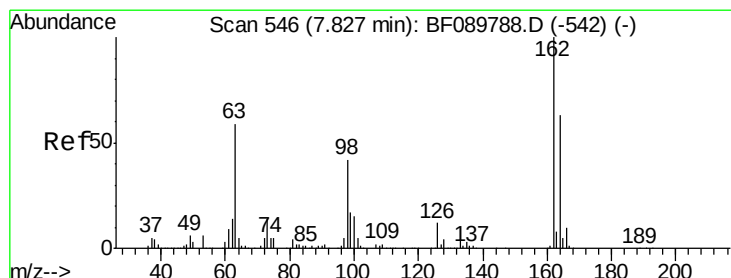
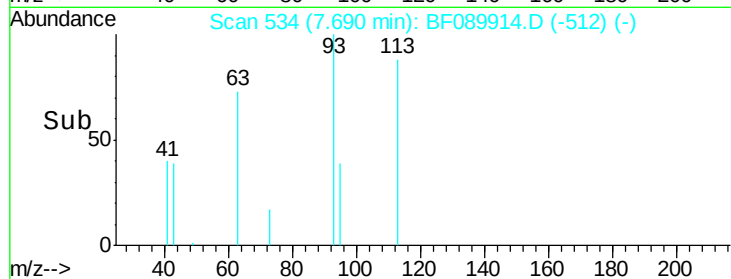
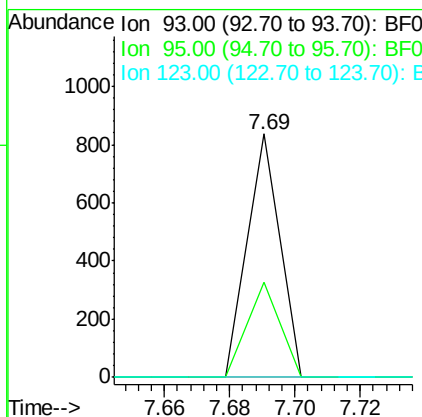
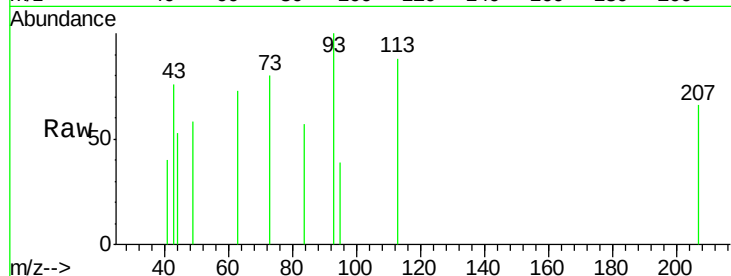




#28
 bis(2-Chloroethoxy)methane
 Concen: 0.03 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.05 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

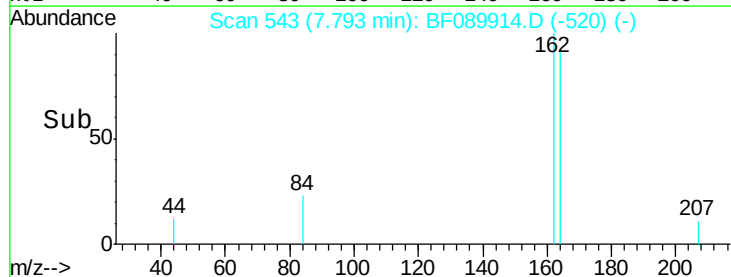
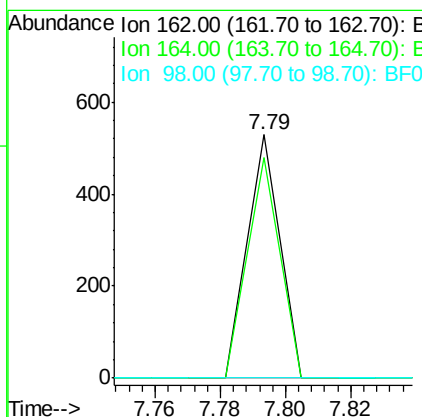
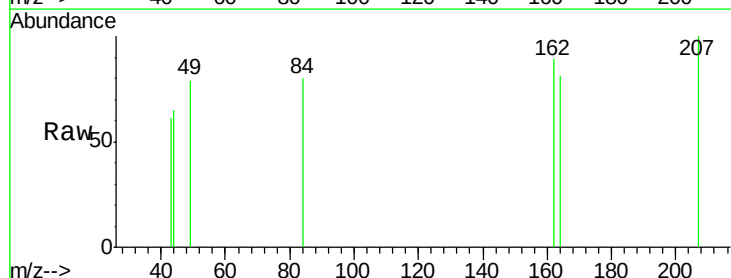
Instrument :
 BNA_F
 ClientSampleId :

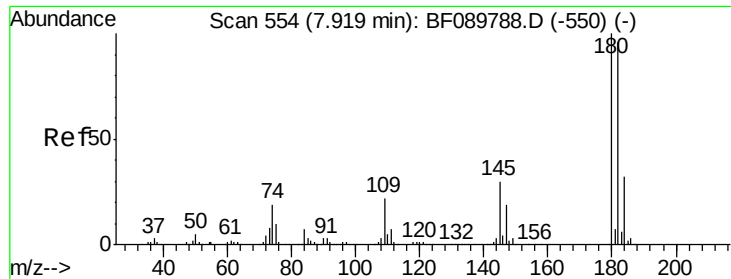
Tot Ion: 93 Resp: 574
 Ion Ratio Lower Upper
 93 100
 95 38.9 25.5 38.3#
 123 0.0 8.5 12.7#



#29
 2,4-Dichlorophenol
 Concen: 0.02 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.03 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:162 Resp: 363
 Ion Ratio Lower Upper
 162 100
 164 90.5 45.5 85.5#
 98 0.0 12.4 52.4#

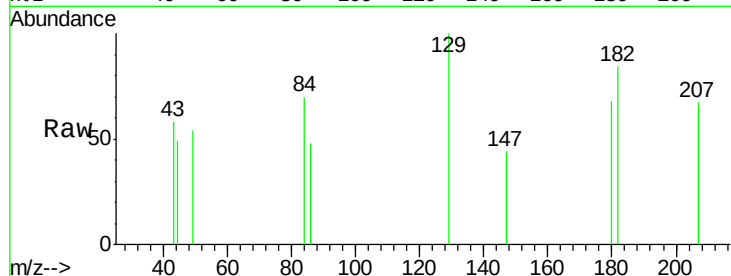




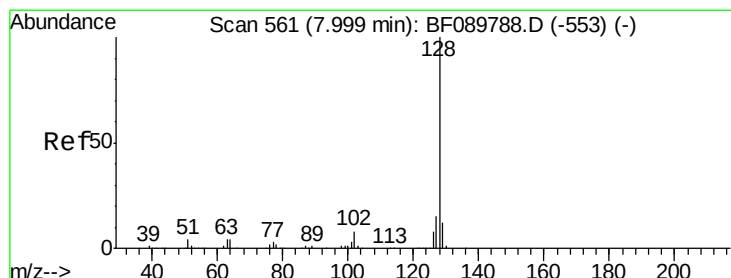
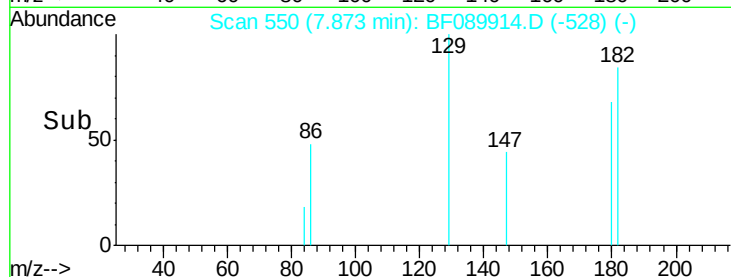
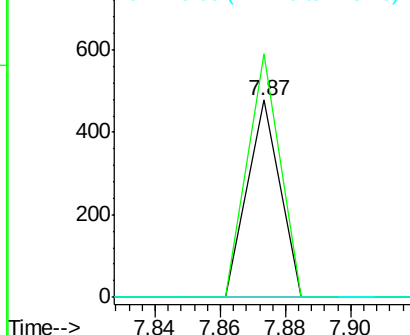
#30
 1,2,4-Trichlorobenzene
 Concen: 0.02 ng
 RT: 7.87 min Scan# 550
 Delta R.T. -0.05 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 328
 Ion Ratio Lower Upper
 180 100
 182 123.4 75.5 113.3#
 145 0.0 28.7 43.1#

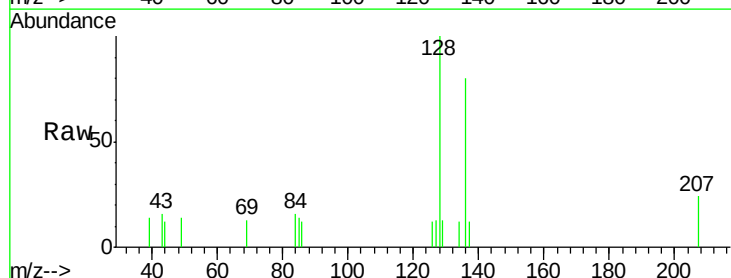


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

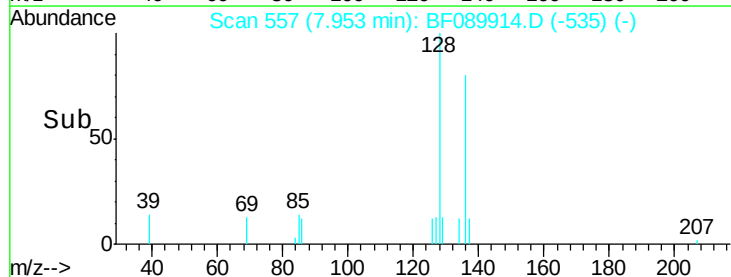
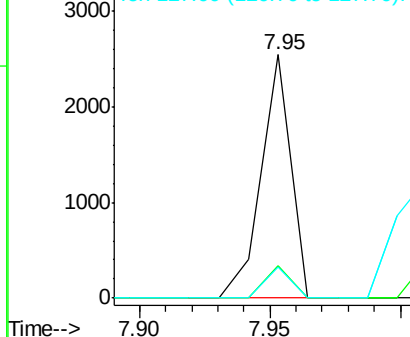


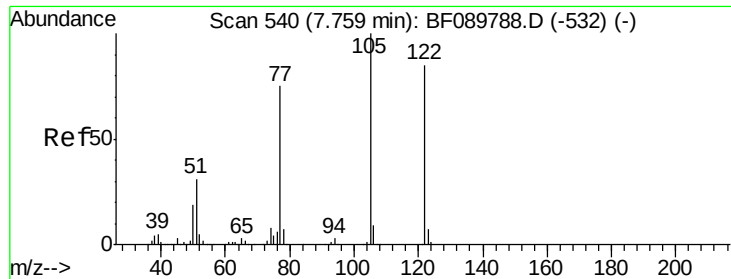
#31
 Naphthalene
 Concen: 0.04 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.04 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:128 Resp: 2030
 Ion Ratio Lower Upper
 128 100
 129 13.1 9.5 14.3
 127 12.6 11.3 16.9



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: 0.16 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.12 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

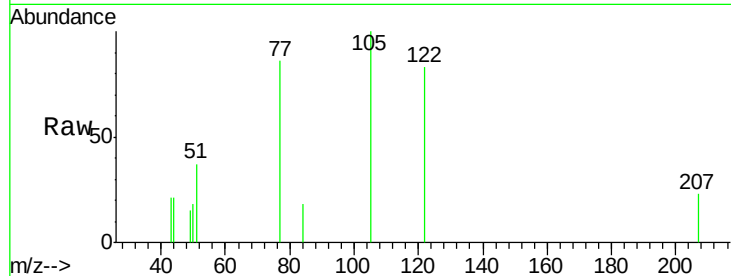
Tot Ion:122 Resp: 2264

Ion Ratio Lower Upper

122 100

105 120.8 100.8 140.8

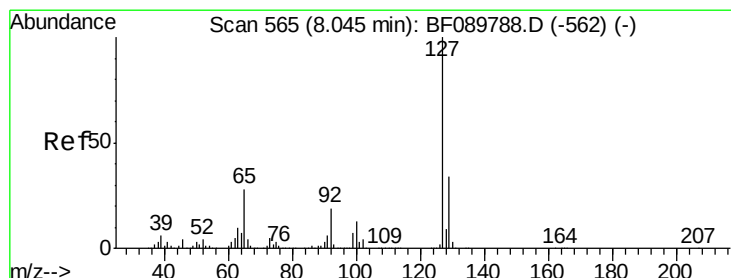
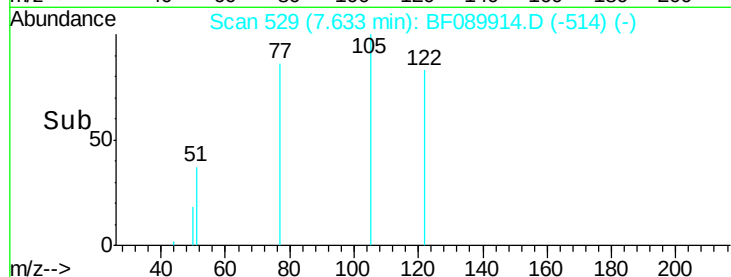
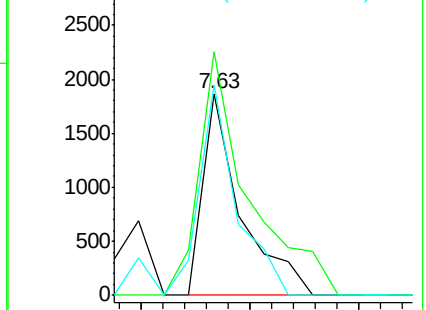
77 104.1 72.1 112.1



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: 0.07 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.03 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Tgt Ion:127 Resp: 1457

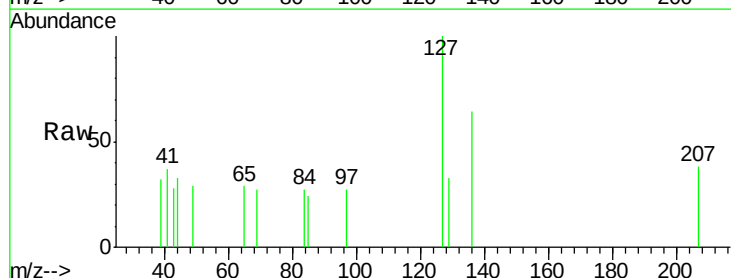
Ion Ratio Lower Upper

127 100

129 32.8 27.0 40.6

65 29.4 14.7 22.1#

92 0.0 11.7 17.5#

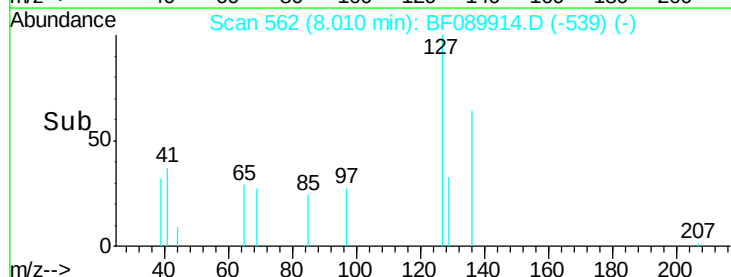
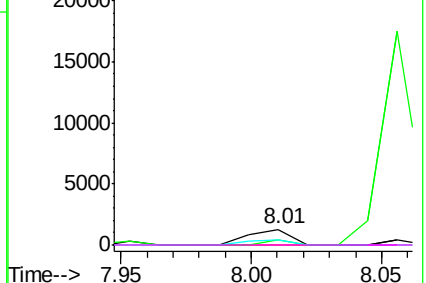


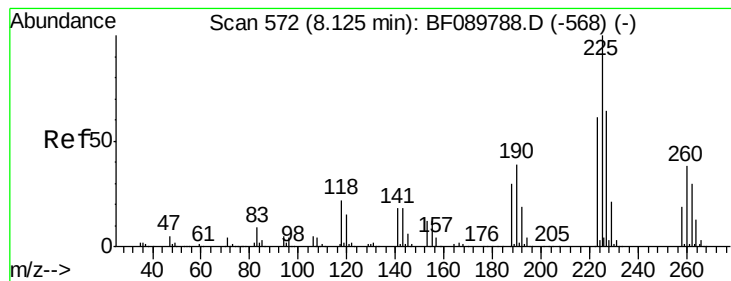
Abundance Ion 127.00 (126.70 to 127.70): E

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: 0.03 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.05 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

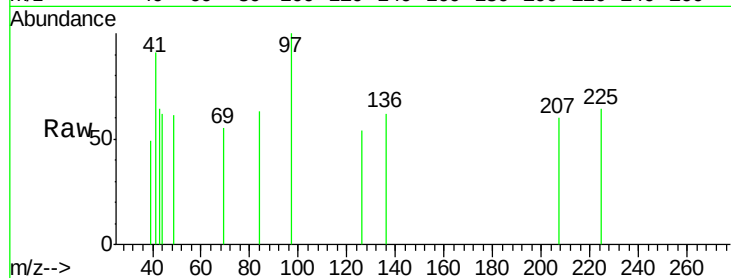
Tot Ion:225 Resp: 288

Ion Ratio Lower Upper

225 100

223 0.0 51.0 76.6#

227 0.0 49.8 74.6#



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

8.08

400

300

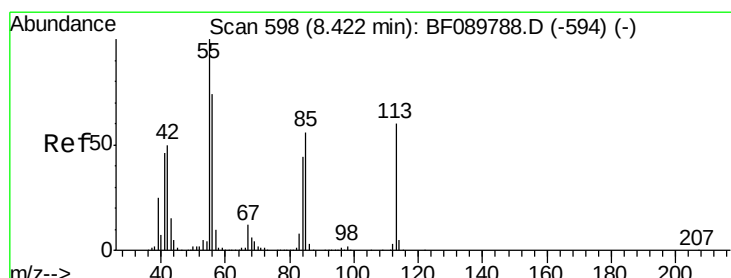
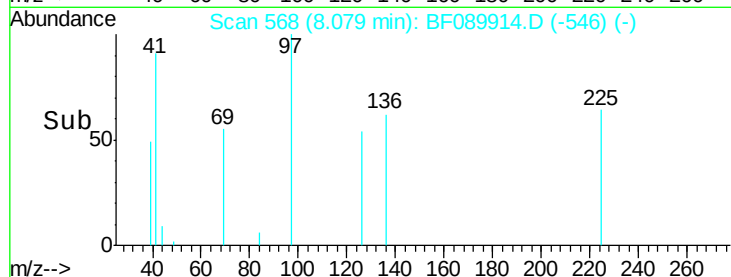
200

100

0

8.04 8.06 8.08 8.10

Time-->



#35

Caprolactam

Concen: 0.15 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.09 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

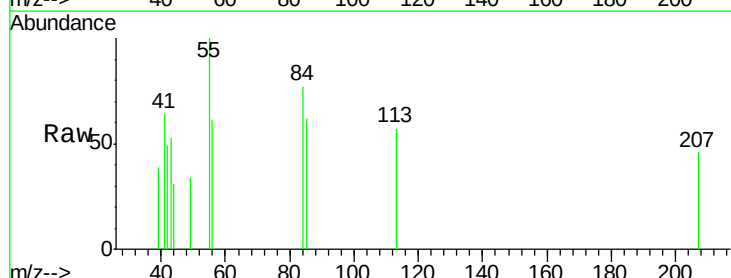
Tgt Ion:113 Resp: 696

Ion Ratio Lower Upper

113 100

55 176.0 135.9 175.9#

56 108.1 93.9 133.9



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

8.33

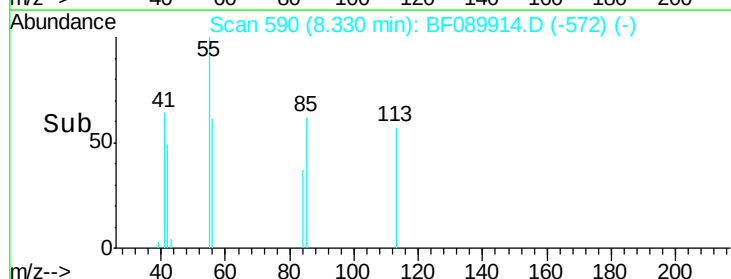
1000

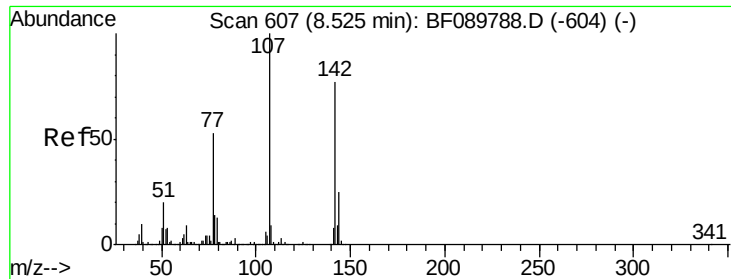
500

0

8.30 8.35

Time-->

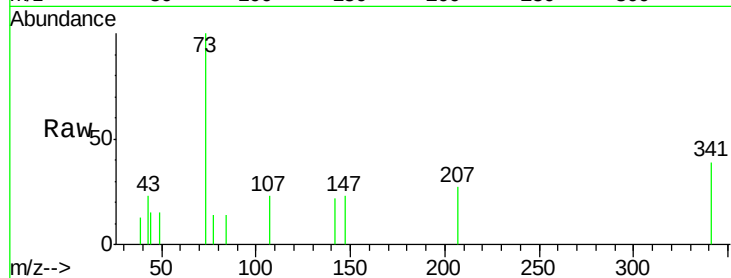




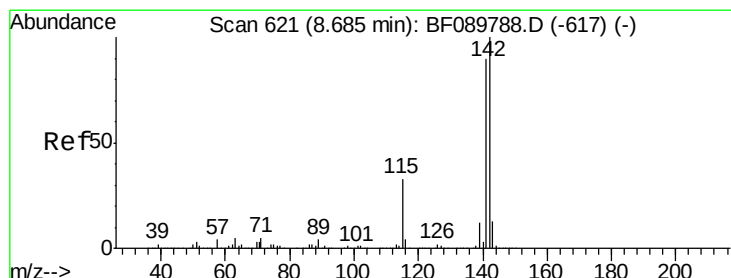
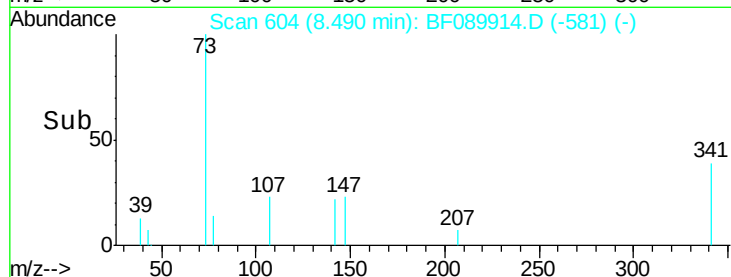
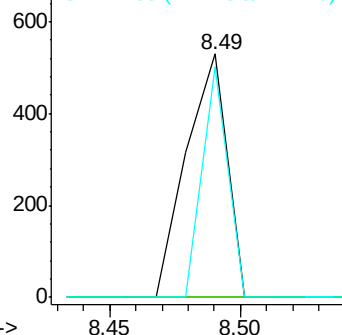
#36
 4-Chloro-3-methylphenol
 Concen: 0.04 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 581
 Ion Ratio Lower Upper
 107 100
 144 0.0 22.6 34.0#
 142 94.7 69.3 103.9

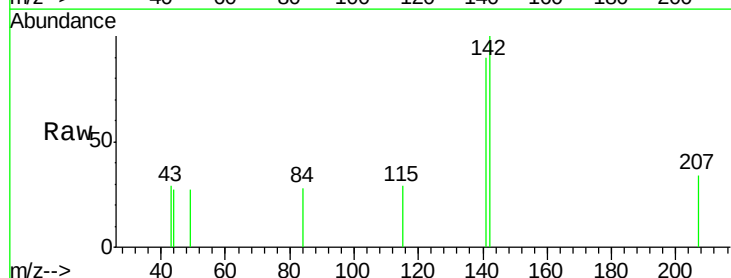


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

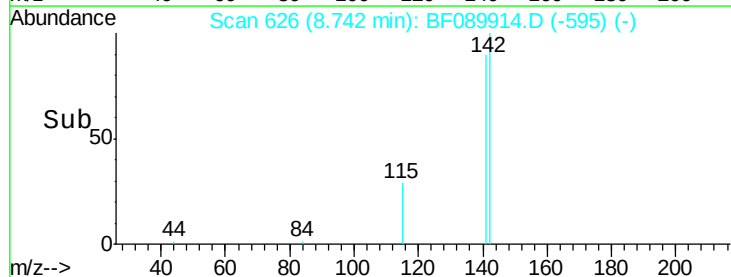
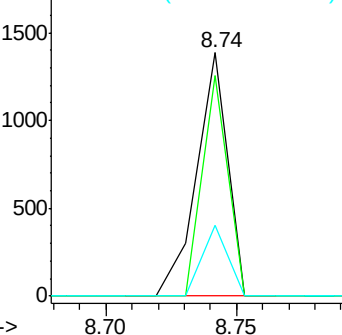


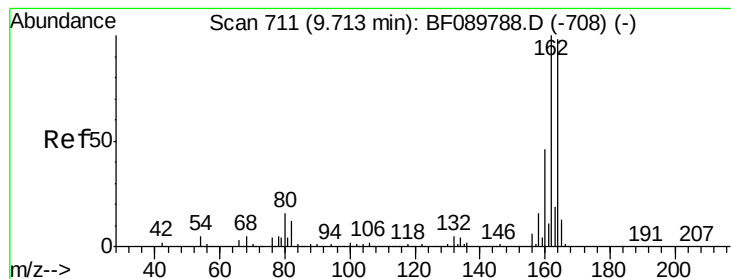
#37
 2-Methylnaphthalene
 Concen: 0.03 ng
 RT: 8.74 min Scan# 626
 Delta R.T. 0.06 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:142 Resp: 1158
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.4 107.2
 115 28.8 22.7 34.1



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.03 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

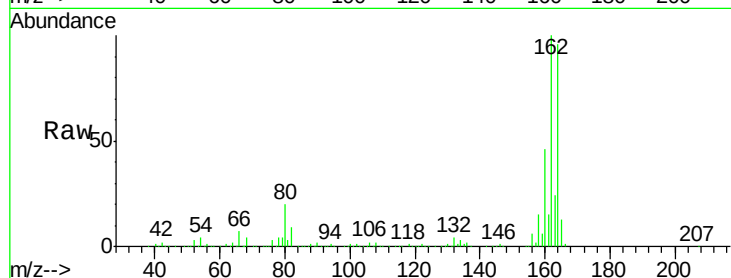
Tot Ion:164 Resp: 550780

Ion Ratio Lower Upper

164 100

162 103.9 81.4 122.2

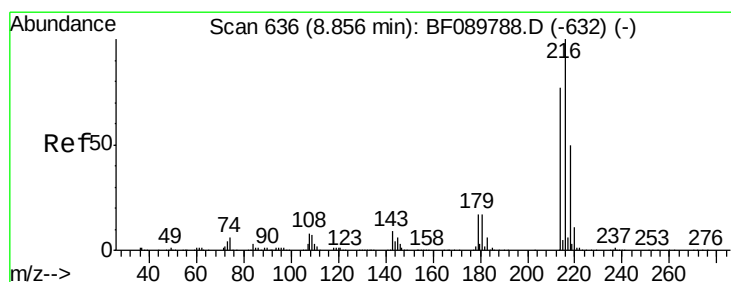
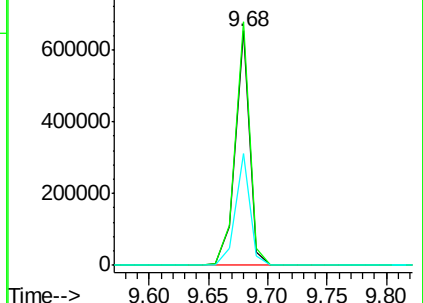
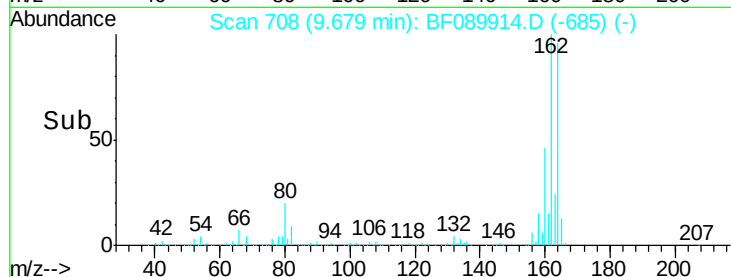
160 47.8 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.03 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Tgt Ion:216 Resp: 566

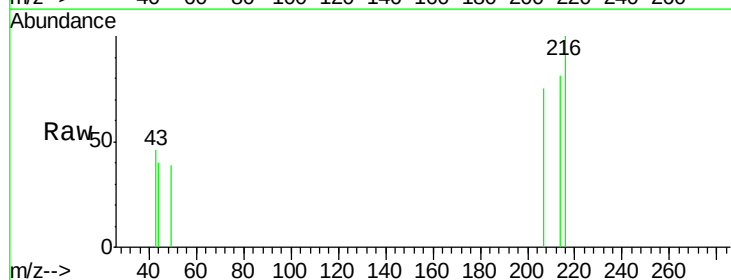
Ion Ratio Lower Upper

216 100

214 80.6 63.5 95.3

179 0.0 19.9 29.9#

108 0.0 19.9 29.9#

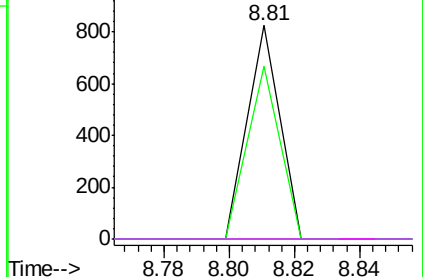
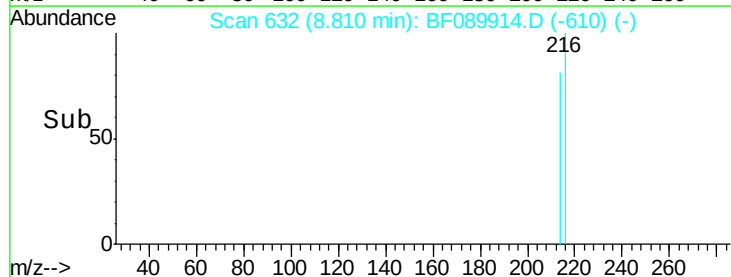


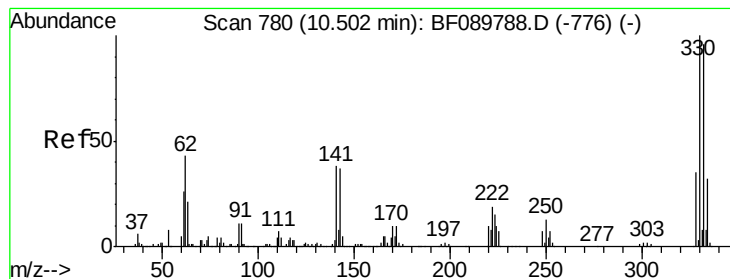
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

2,4,6-Tribromophenol

Concen: 109.81 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.03 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

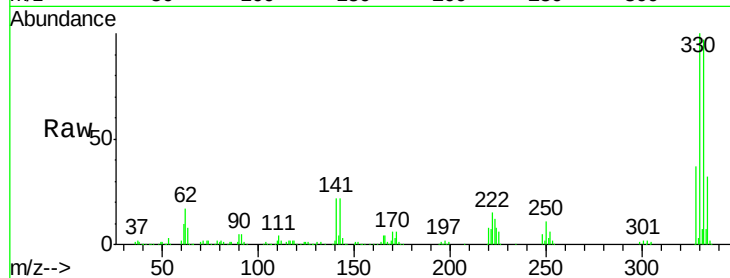
Tot Ion:330 Resp: 574774

Ion Ratio Lower Upper

330 100

332 96.3 76.7 115.1

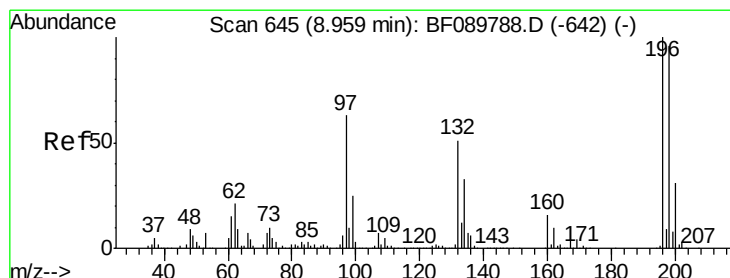
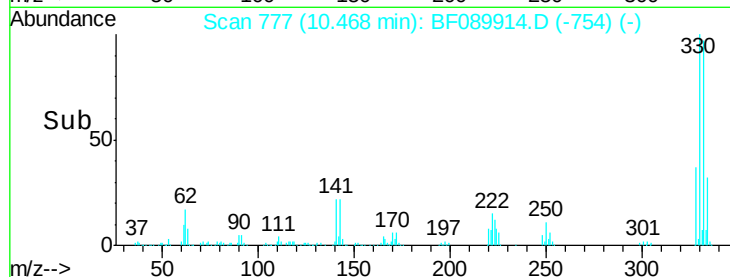
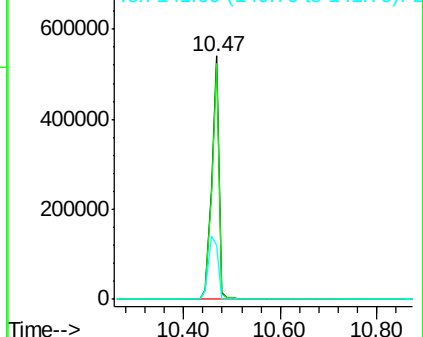
141 34.4 30.2 45.2



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: 0.03 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

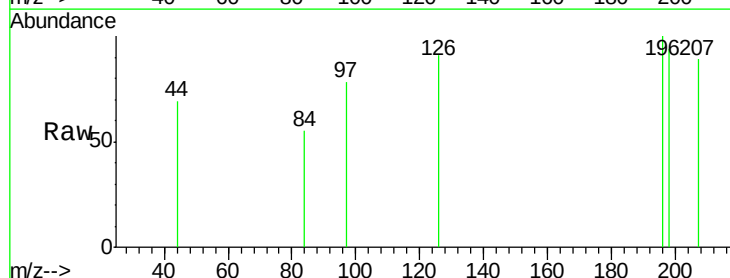
Tgt Ion:196 Resp: 388

Ion Ratio Lower Upper

196 100

198 94.2 76.3 114.5

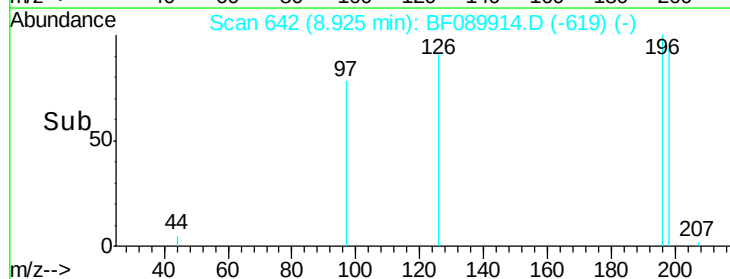
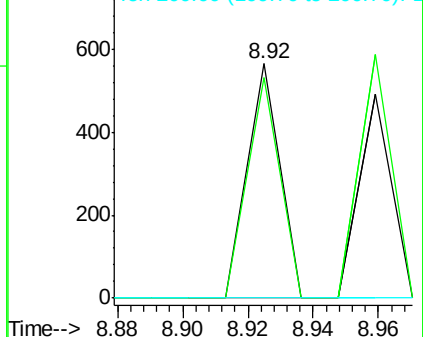
200 0.0 24.6 36.8#

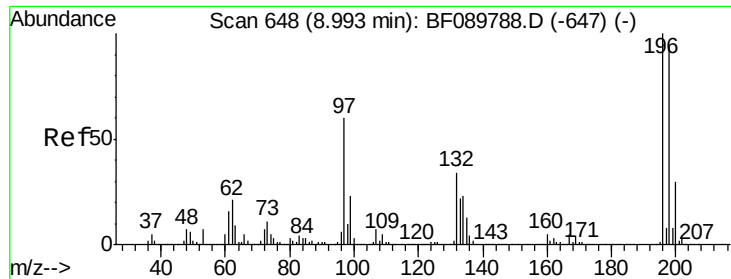


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

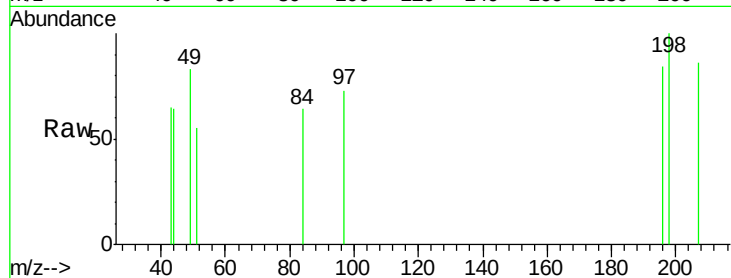




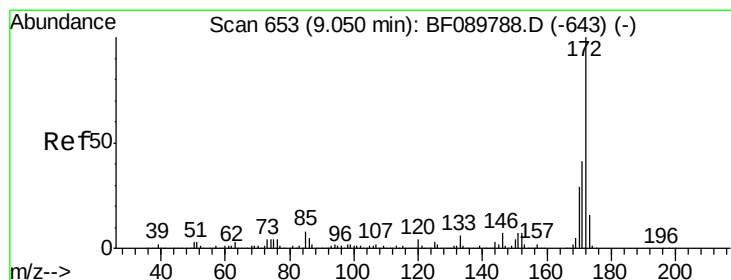
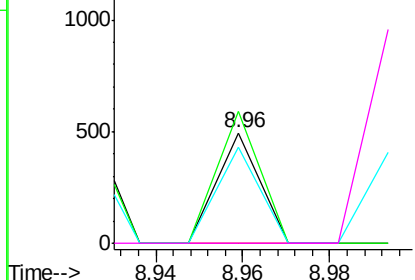
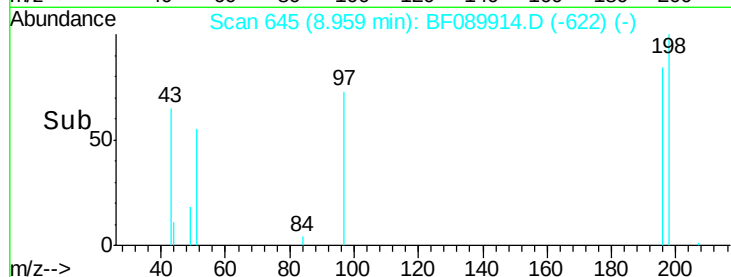
#43
 2,4,5-Trichlorophenol
 Concen: 0.03 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.03 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 338
 Ion Ratio Lower Upper
 196 100
 198 119.3 76.6 114.8#
 97 86.6 35.8 53.8#
 132 0.0 23.5 35.3#

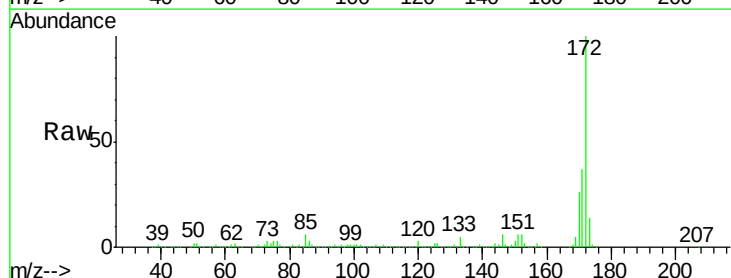


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

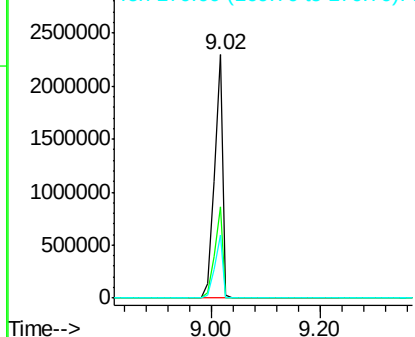
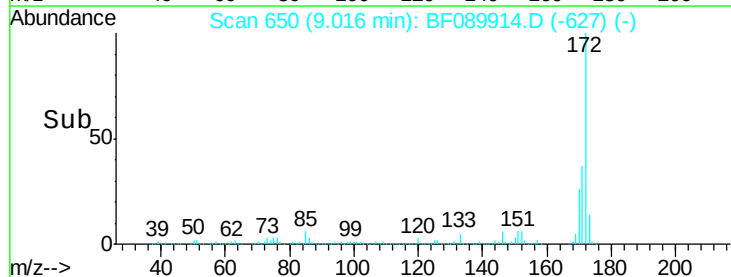


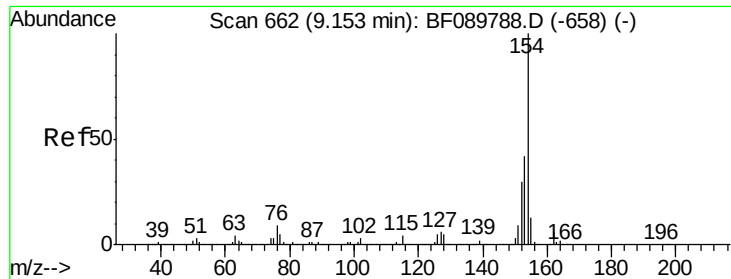
#44
 2-Fluorobiphenyl
 Concen: 78.67 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:172 Resp: 2465266
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 25.7 20.6 31.0



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

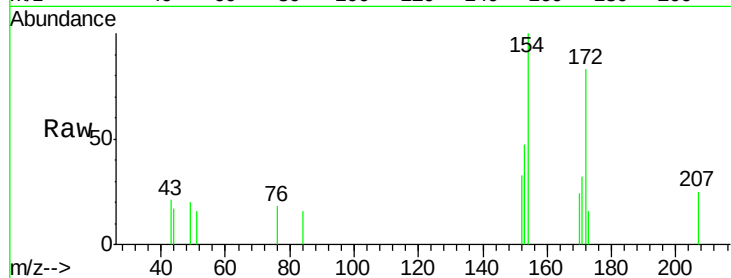




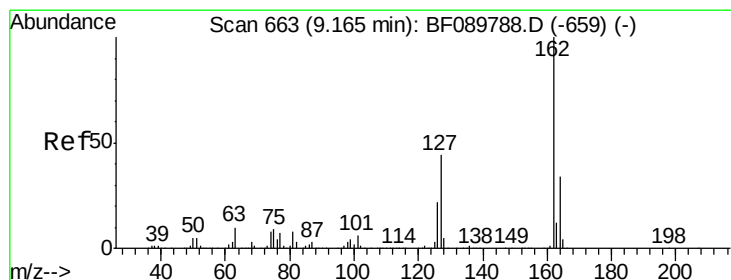
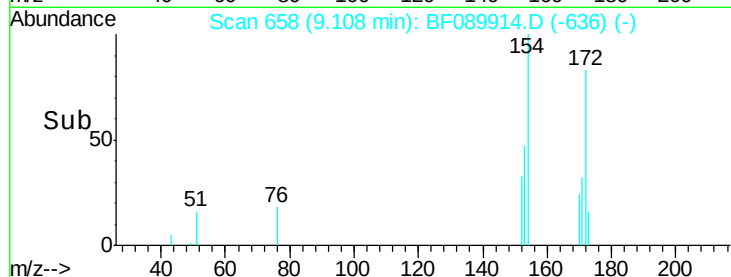
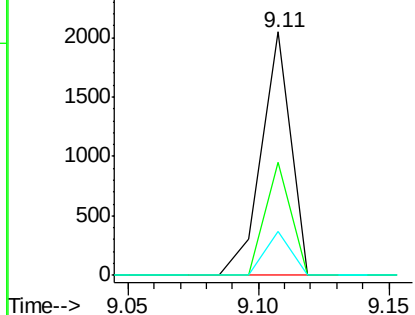
#45
 1,1'-Biphenyl
 Concen: 0.04 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.05 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	154	Resp:	1610
Ion	Ratio	Lower	Upper
154	100		
153	46.7	21.5	61.5
76	18.2	0.0	36.7

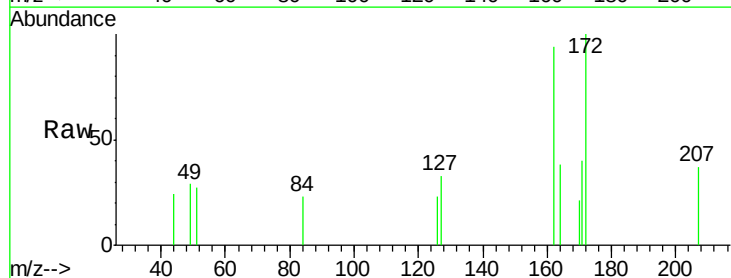


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

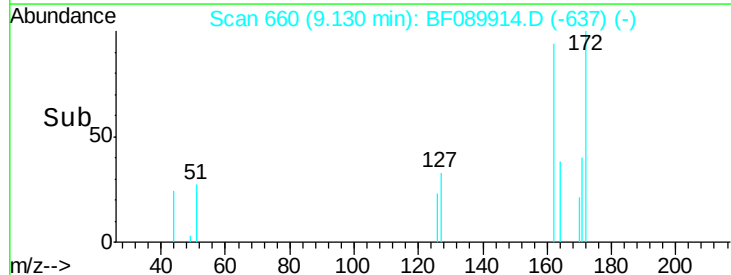
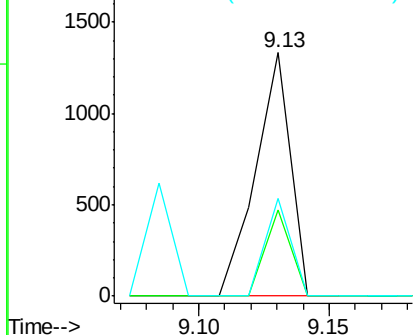


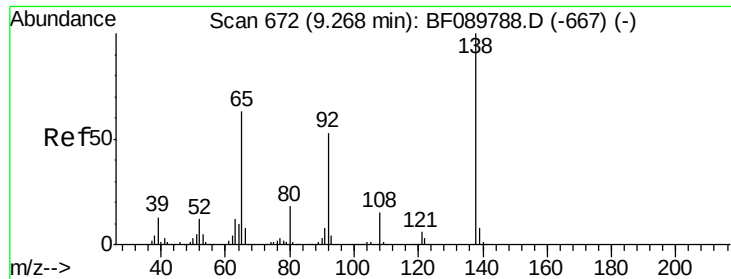
#46
 2-Chloronaphthalene
 Concen: 0.04 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:	162	Resp:	1247
Ion	Ratio	Lower	Upper
162	100		
127	35.3	35.5	53.3#
164	40.1	26.6	40.0#



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

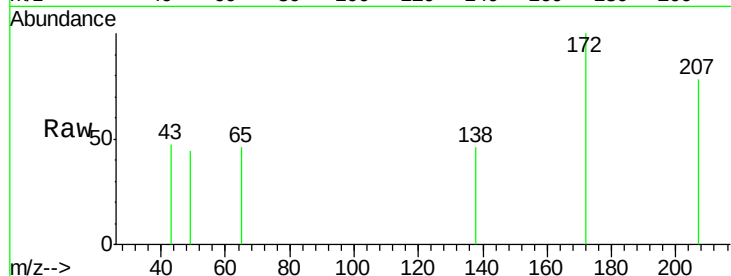




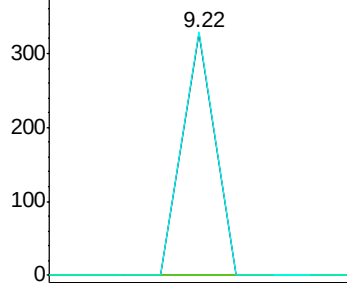
#47
2-Nitroaniline
Concen: 0.02 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampled :

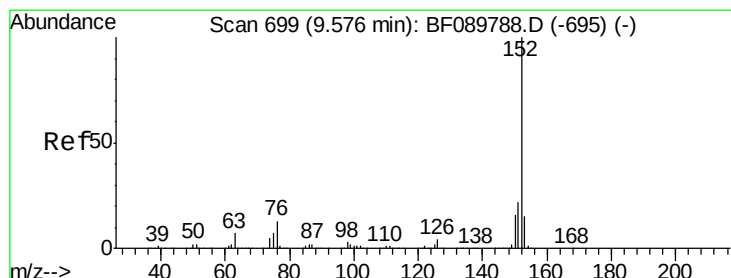
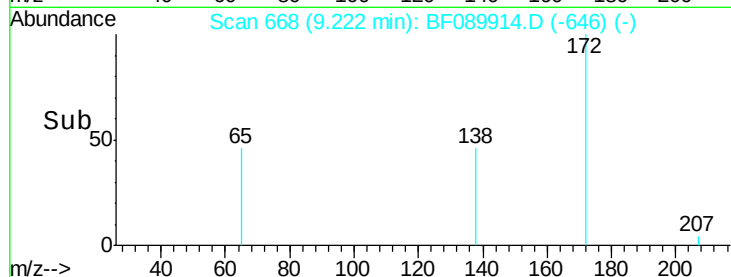
Tot Ion: 65 Resp: 225
Ion Ratio Lower Upper
65 100
92 0.0 56.3 84.5#
138 100.3 81.8 122.8



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

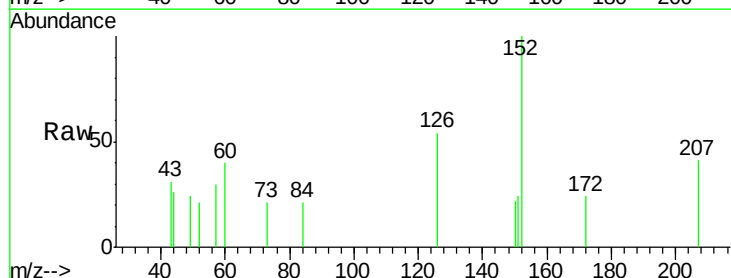


Time--> 9.18 9.20 9.22 9.24 9.26

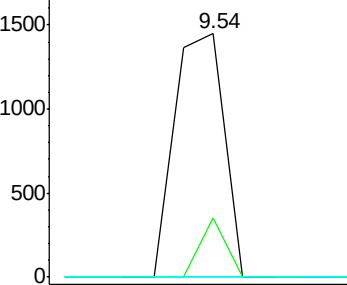


#48
Acenaphthylene
Concen: 0.04 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

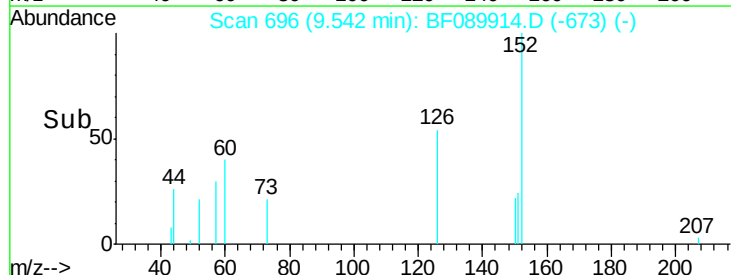
Tgt Ion: 152 Resp: 1933
Ion Ratio Lower Upper
152 100
151 24.4 17.1 25.7
153 0.0 11.2 16.8#

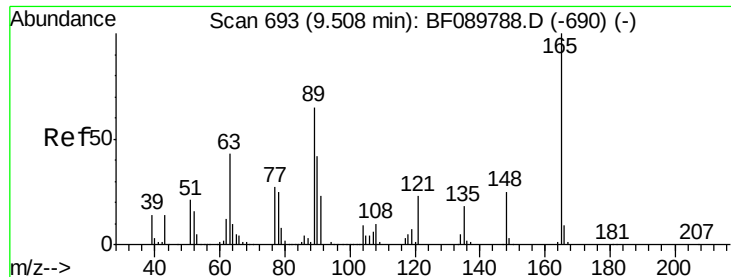


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time--> 9.50 9.55





#50

2,6-Dinitrotoluene

Concen: 8.08 ng

RT: 9.68 min Scan# 708

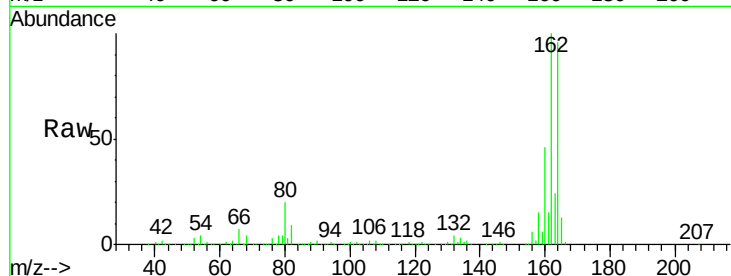
Delta R.T. 0.17 min

Lab File: BF089914.D

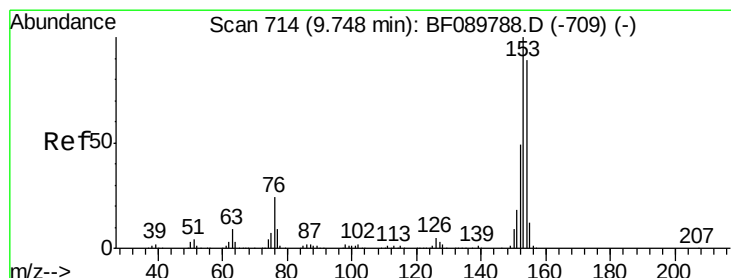
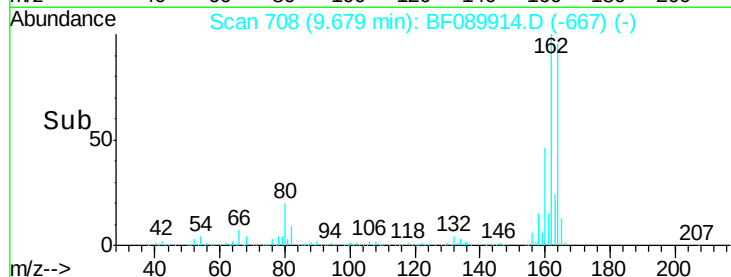
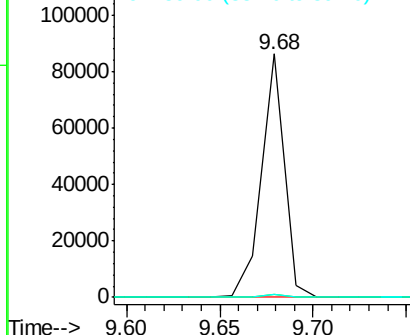
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	72304
Ion Ratio	Lower	Upper
165 100		
63 1.1	41.7	62.5#
89 1.0	44.6	67.0#



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: 0.10 ng

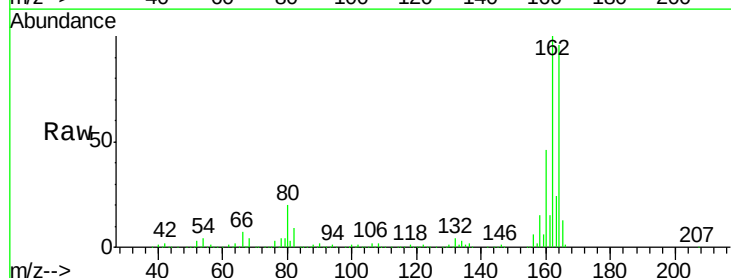
RT: 9.68 min Scan# 708

Delta R.T. -0.07 min

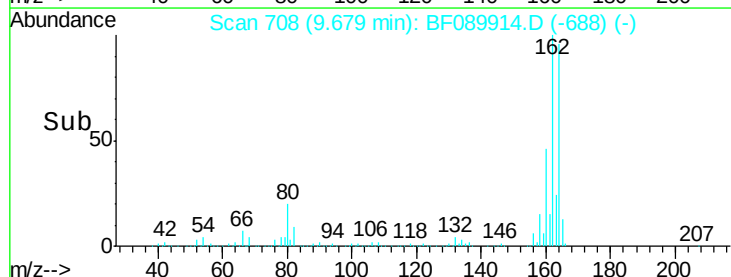
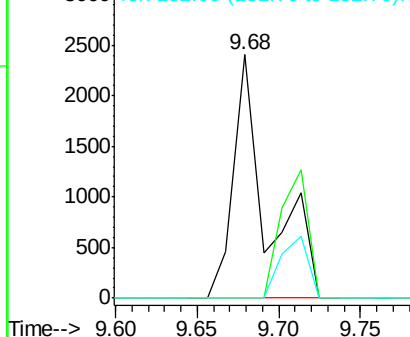
Lab File: BF089914.D

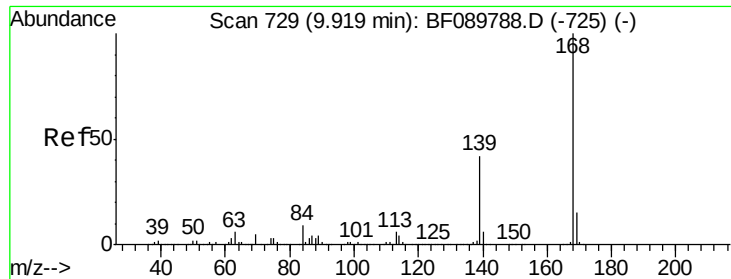
Acq: 26 Aug 2016 18:17

Tgt Ion:154	Resp:	3442
Ion Ratio	Lower	Upper
154 100		
153 0.0	90.5	135.7#
152 0.0	44.6	67.0#



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

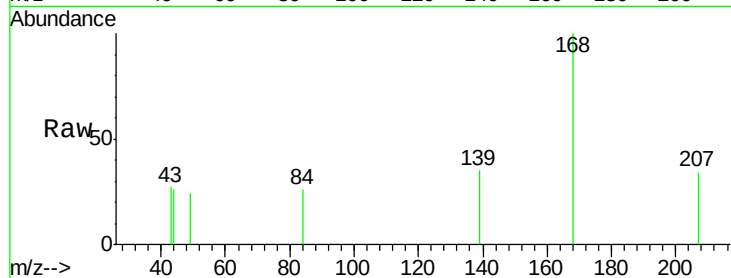




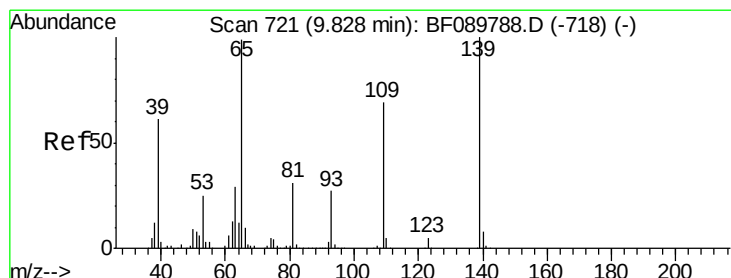
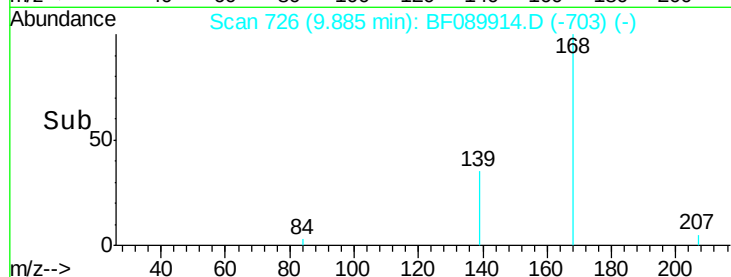
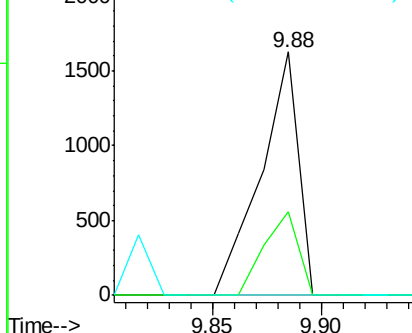
#54
Dibenzofuran
Concen: 0.05 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1973
Ion Ratio Lower Upper
168 100
139 34.5 34.6 52.0#
169 0.0 11.5 17.3#

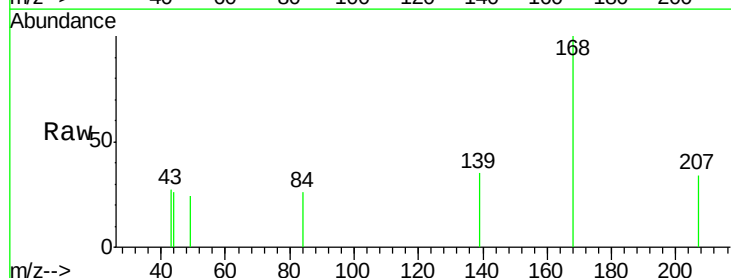


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

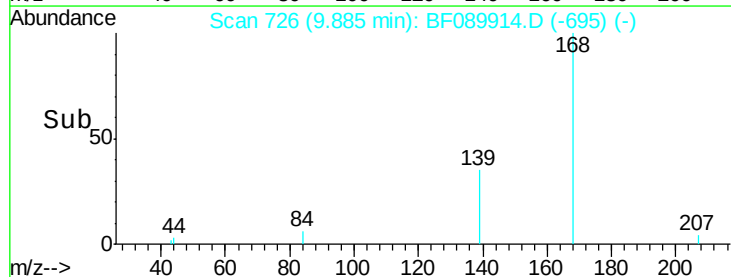
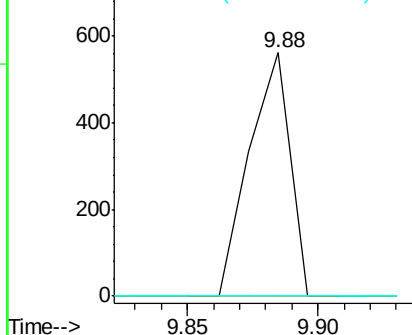


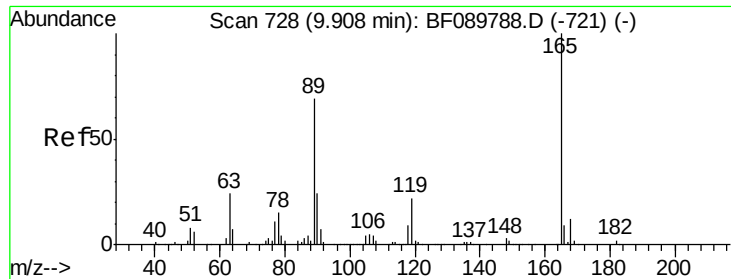
#55
4-Nitrophenol
Concen: 0.08 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.06 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:139 Resp: 616
Ion Ratio Lower Upper
139 100
109 0.0 43.0 83.0#
65 0.0 55.7 95.7#



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

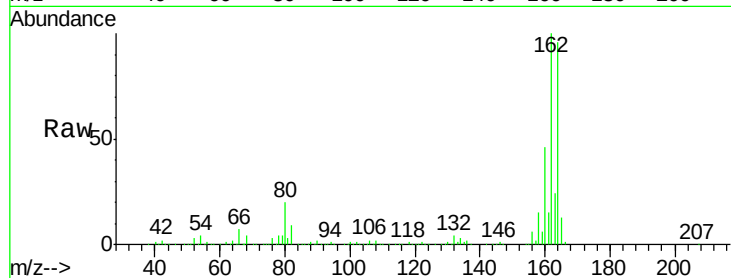




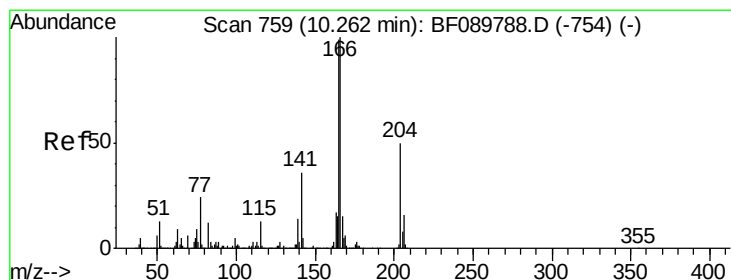
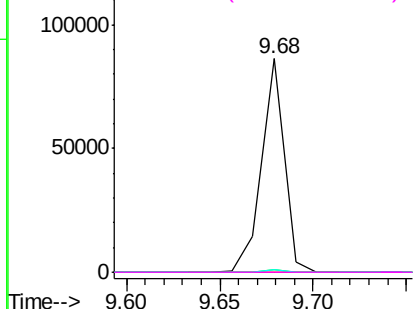
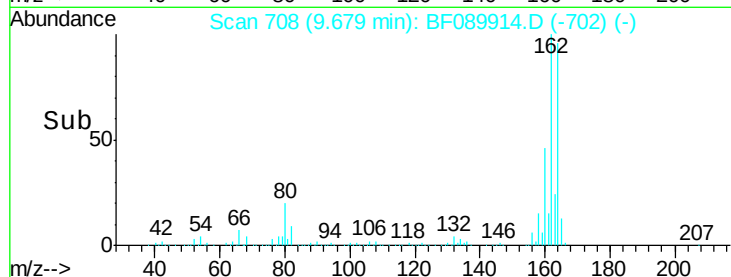
#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.23 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 72304
 Ion Ratio Lower Upper
 165 100
 63 1.1 23.7 35.5#
 89 1.0 44.0 66.0#
 182 0.0 2.0 3.0#

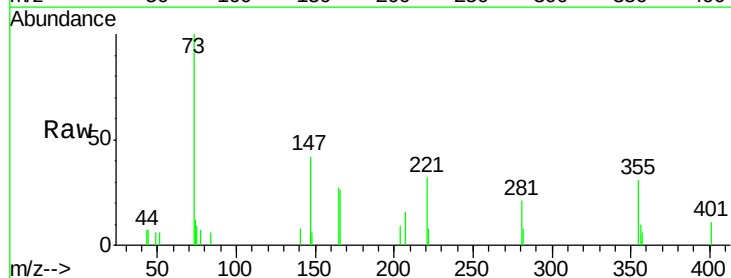


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

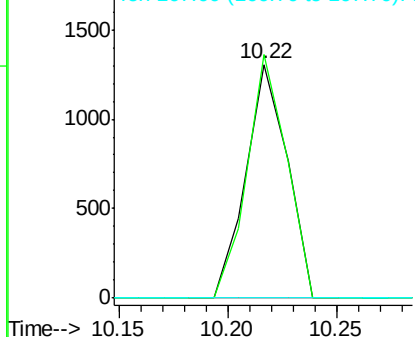
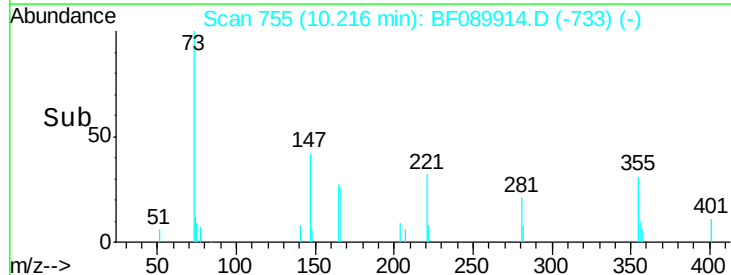


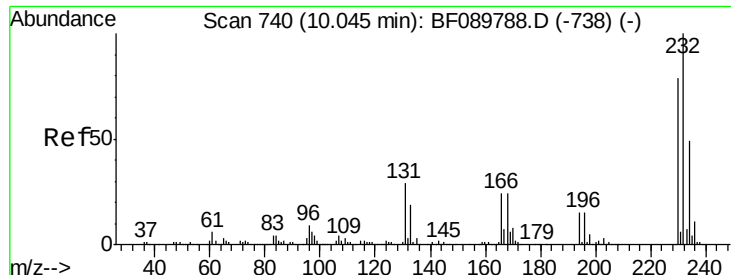
#57
 Fluorene
 Concen: 0.05 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.05 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:166 Resp: 1731
 Ion Ratio Lower Upper
 166 100
 165 104.2 80.2 120.4
 167 0.0 11.3 16.9#



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

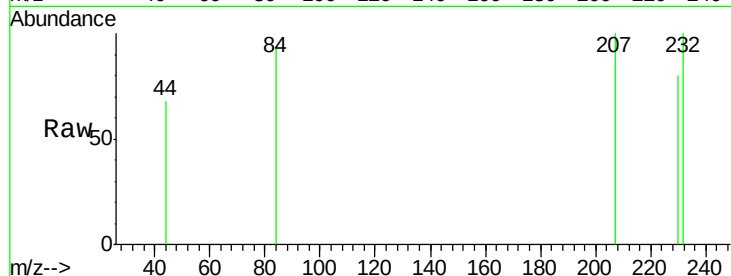




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.04 ng
 RT: 10.00 min Scan# 736
 Delta R.T. -0.05 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	0.0	42.5	63.7#
130	0.0	2.2	3.4#
166	0.0	27.3	40.9#

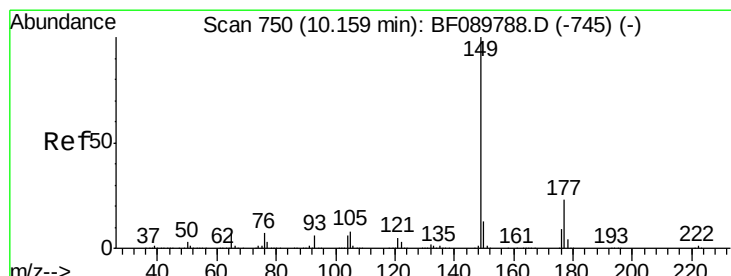
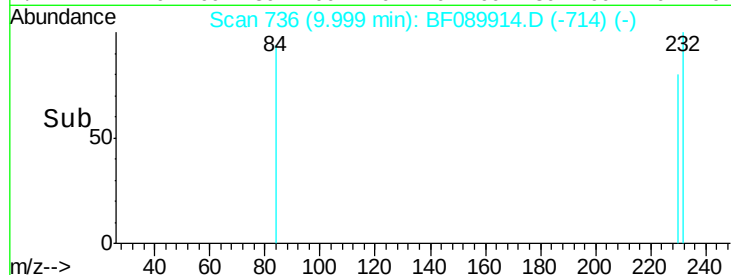
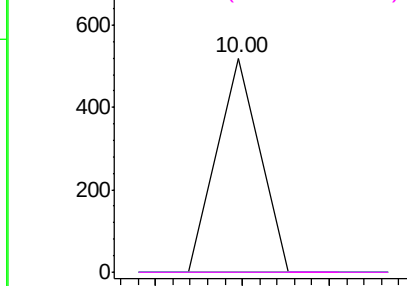


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

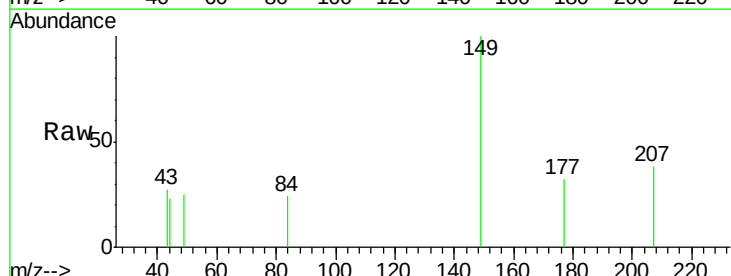
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 0.05 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.05 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

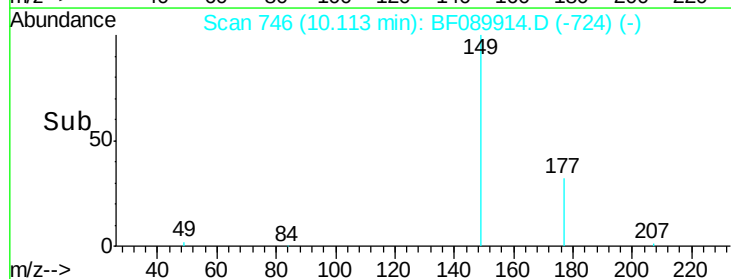
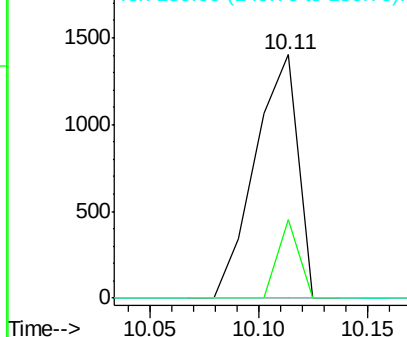
Tgt Ion	Ratio	Lower	Upper
149	100		
177	32.2	16.6	25.0#
150	0.0	10.5	15.7#

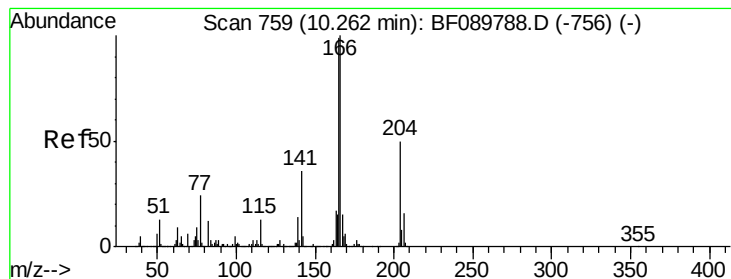


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 0.05 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampled :

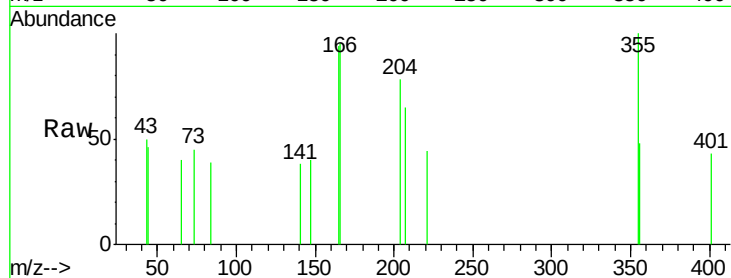
Tot Ion: 204 Resp: 740

Ion Ratio Lower Upper

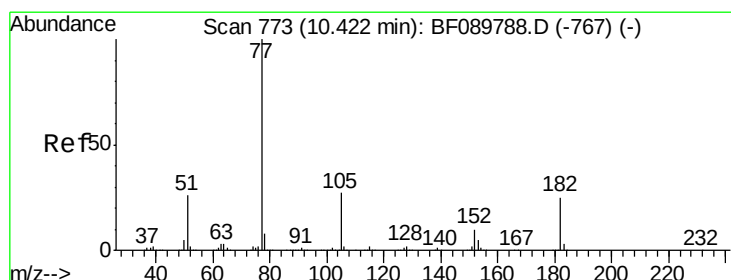
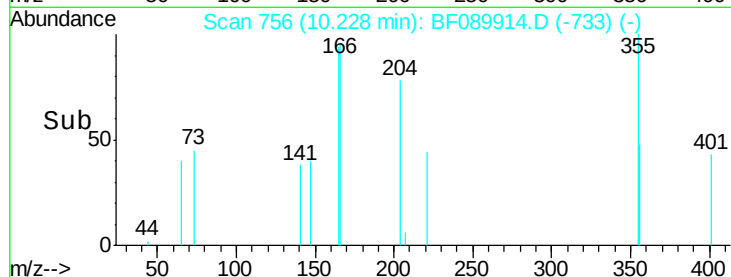
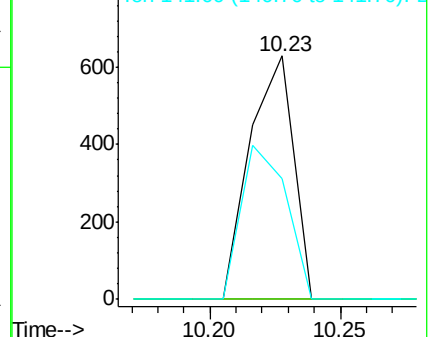
204 100

206 0.0 26.5 39.7#

141 49.4 54.1 81.1#



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



#62

Azobenzene

Concen: 0.04 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Tgt Ion: 77 Resp: 1411

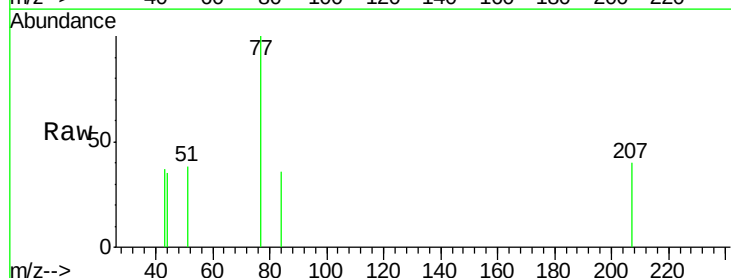
Ion Ratio Lower Upper

77 100

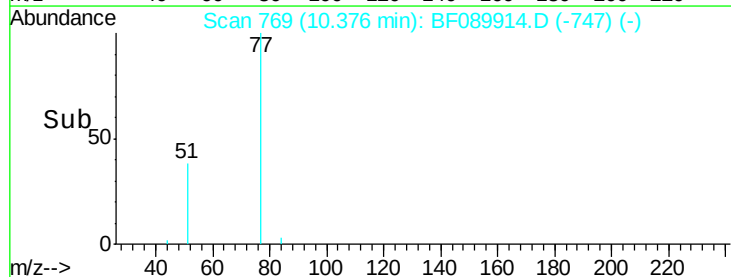
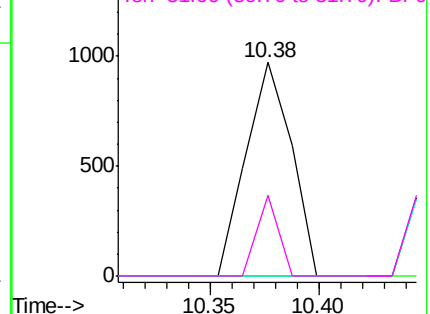
182 0.0 5.6 45.6#

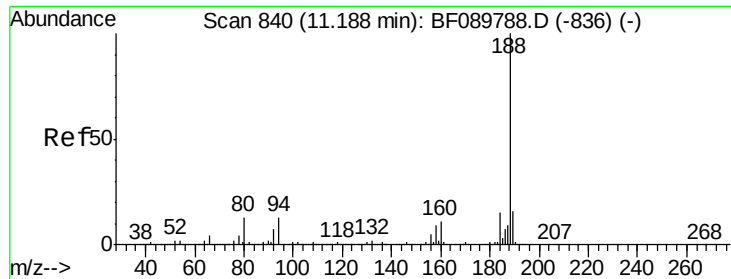
105 0.0 4.0 44.0#

51 37.6 7.8 47.8



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

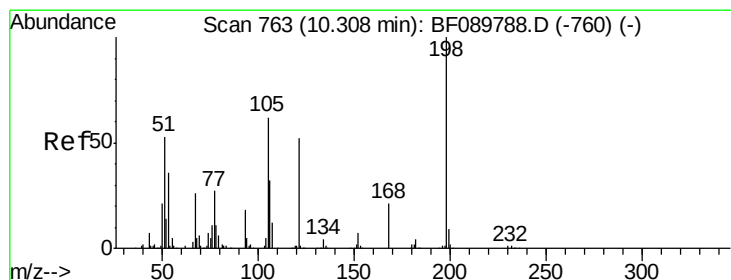
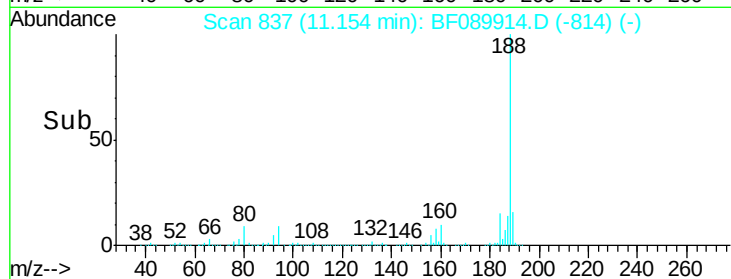
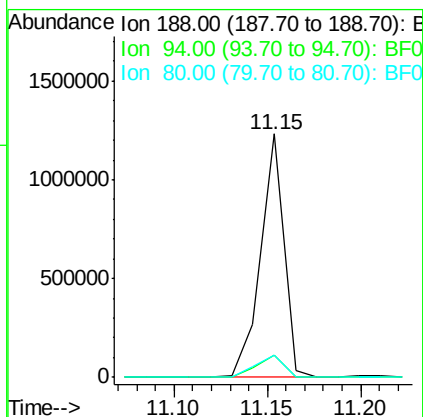
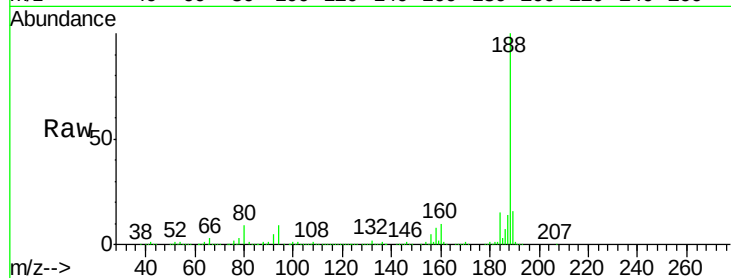




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

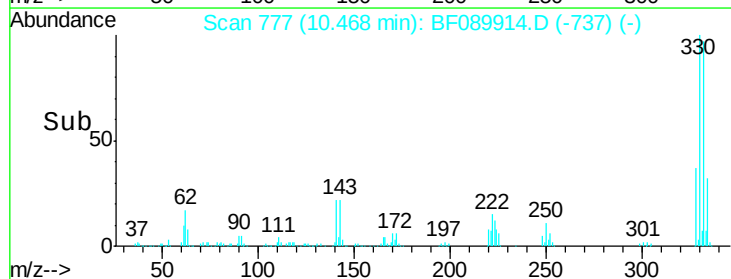
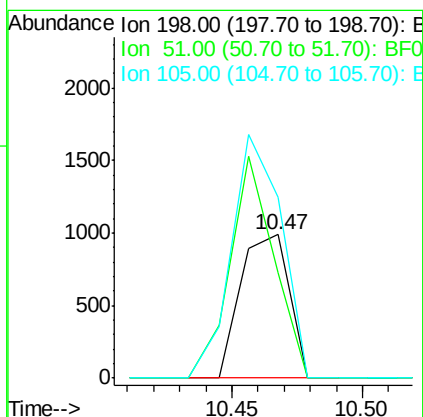
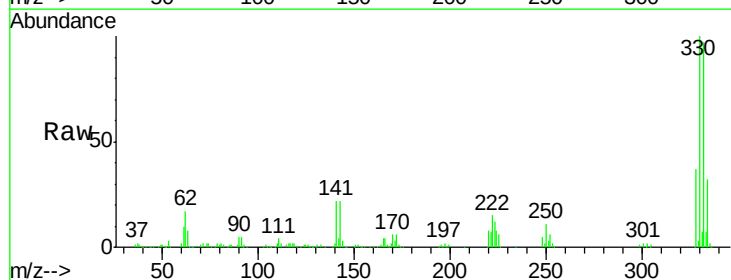
Instrument :
BNA_F
ClientSampleId :

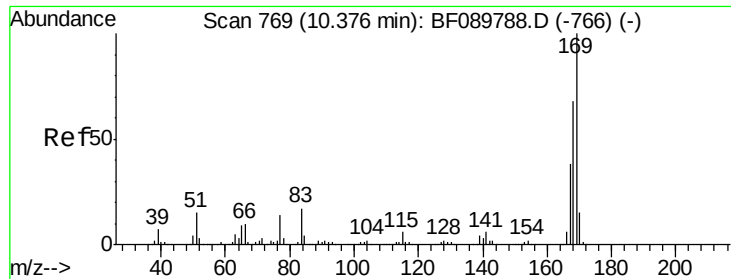
Tot Ion:188 Resp: 1064790
Ion Ratio Lower Upper
188 100
94 9.0 10.2 15.2#
80 9.0 10.9 16.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.16 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:198 Resp: 1292
Ion Ratio Lower Upper
198 100
51 73.5 32.3 72.3#
105 126.3 32.9 72.9#

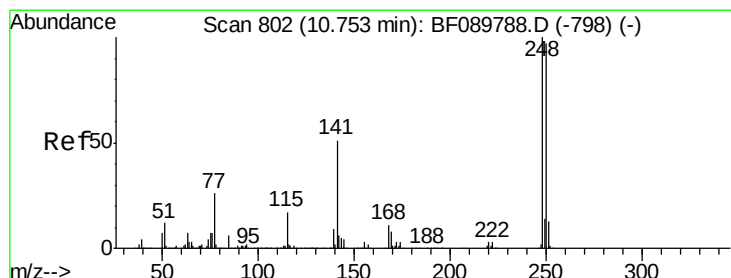
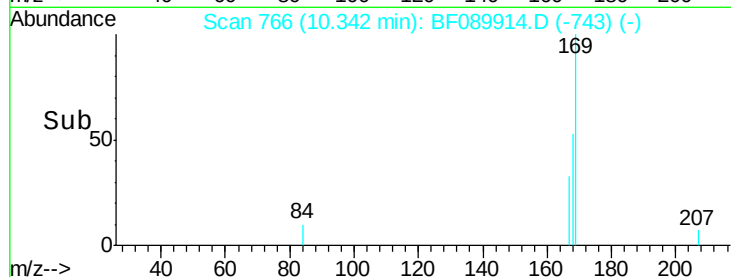
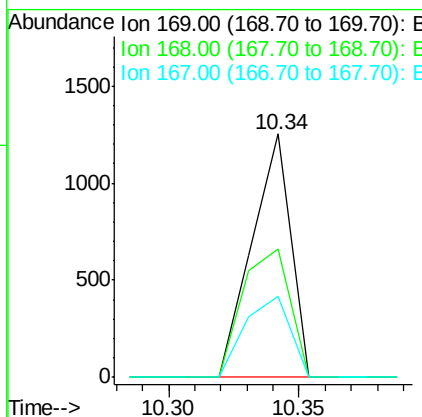
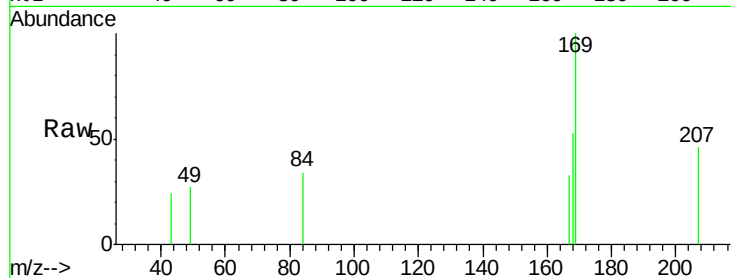




#65
 n-Nitrosodiphenylamine
 Concen: 0.04 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.03 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

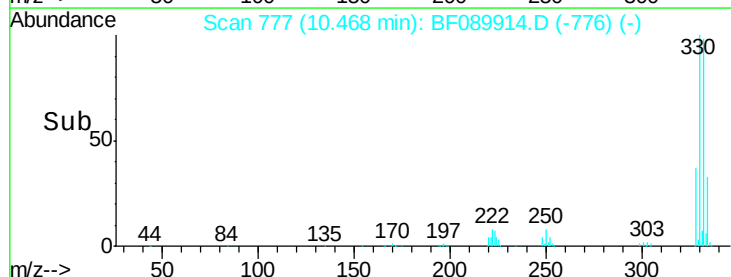
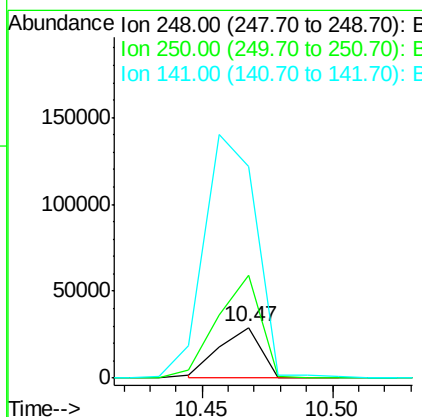
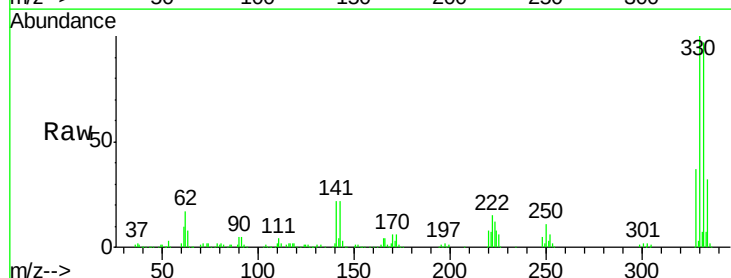
Instrument :
 BNA_F
 ClientSampleId :

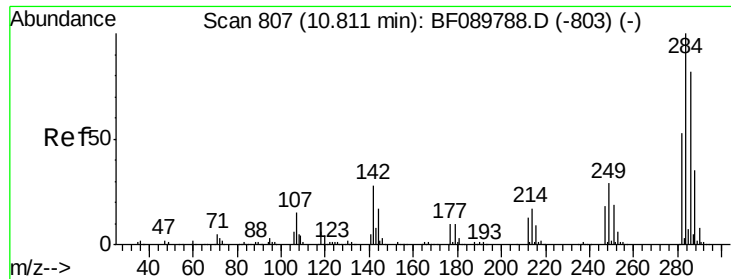
Tot Ion:169 Resp: 1289
 Ion Ratio Lower Upper
 169 100
 168 52.9 54.6 82.0#
 167 33.2 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.95 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.29 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:248 Resp: 32942
 Ion Ratio Lower Upper
 248 100
 250 202.9 78.6 117.8#
 141 414.6 31.4 47.2#





#67

Hexachlorobenzene

Concen: 0.03 ng

RT: 10.76 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

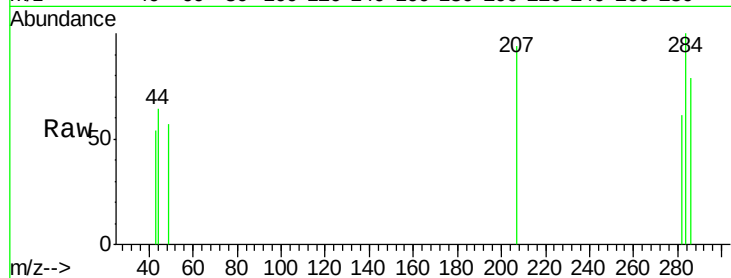
Tot Ion:284 Resp: 427

Ion Ratio Lower Upper

284 100

142 0.0 17.4 26.2#

249 0.0 22.8 34.2#



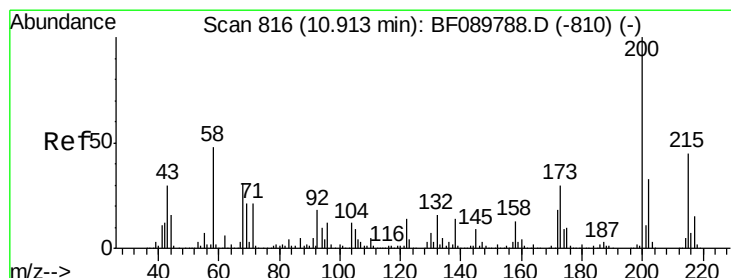
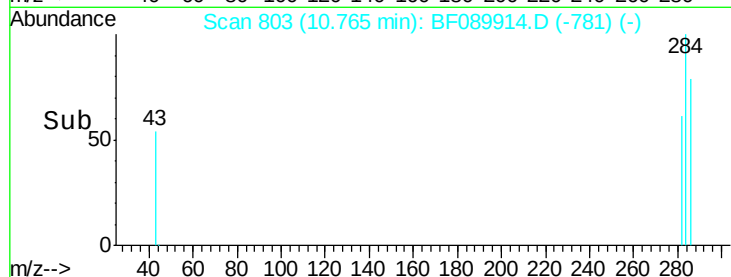
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

10.76

Time-->



#68

Atrazine

Concen: 0.03 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

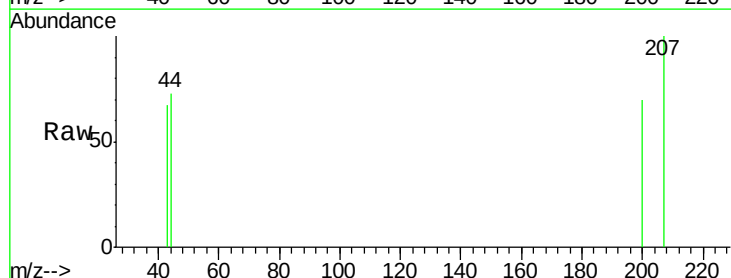
Tgt Ion:200 Resp: 270

Ion Ratio Lower Upper

200 100

173 0.0 6.6 46.6#

215 0.0 24.7 64.7#



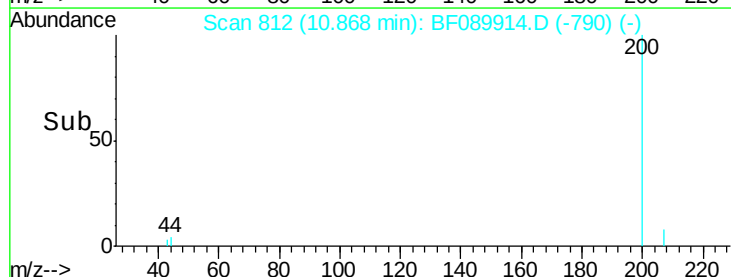
Abundance Ion 200.00 (199.70 to 200.70): E

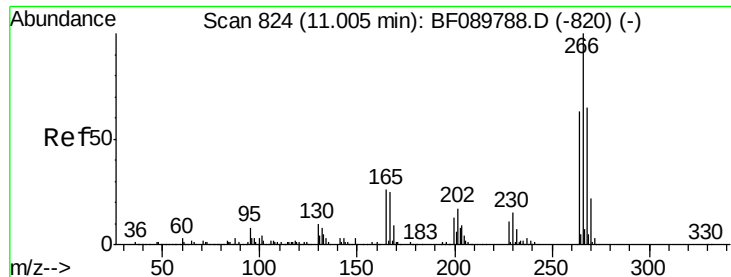
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

10.87

Time-->

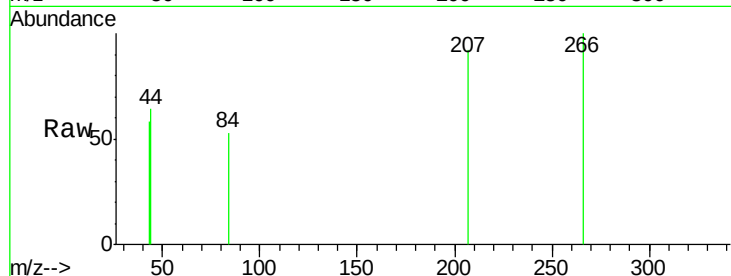




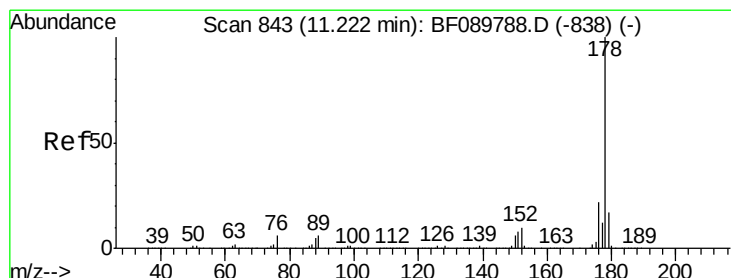
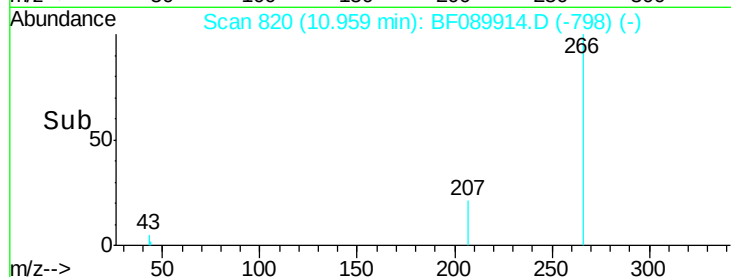
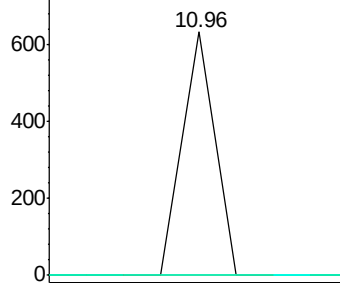
#69
 Pentachlorophenol
 Concen: 0.06 ng
 RT: 10.96 min Scan# 820
 Delta R.T. -0.05 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 435
 Ion Ratio Lower Upper
 266 100
 268 0.0 53.2 79.8#
 264 0.0 51.1 76.7#

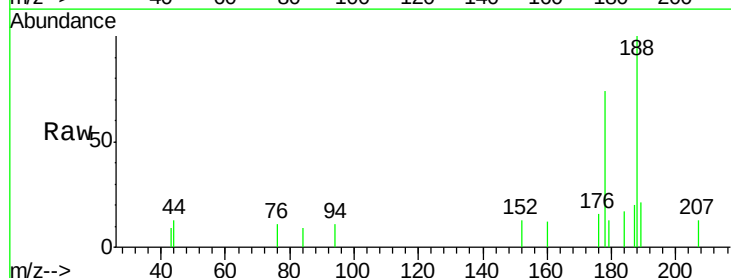


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

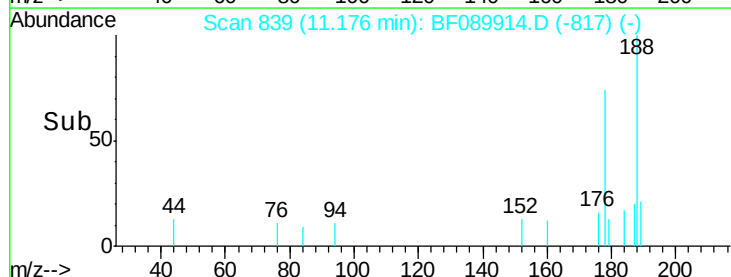
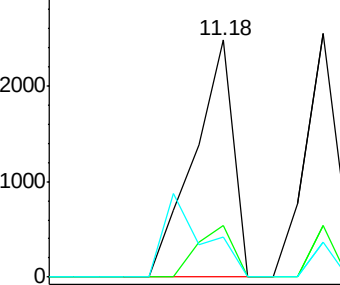


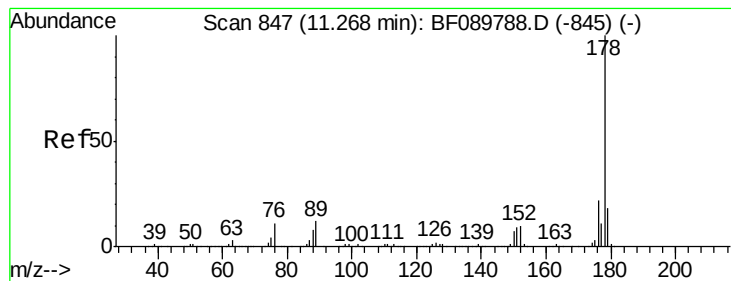
#70
 Phenanthrene
 Concen: 0.06 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.05 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:178 Resp: 3132
 Ion Ratio Lower Upper
 178 100
 176 21.9 16.4 24.6
 179 16.9 12.5 18.7



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: 0.05 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.05 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

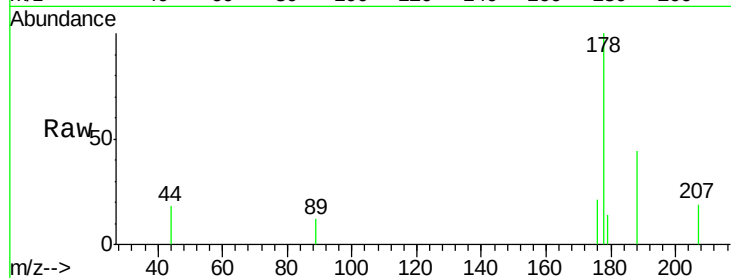
Tot Ion:178 Resp: 2614

Ion Ratio Lower Upper

178 100

176 21.2 16.4 24.6

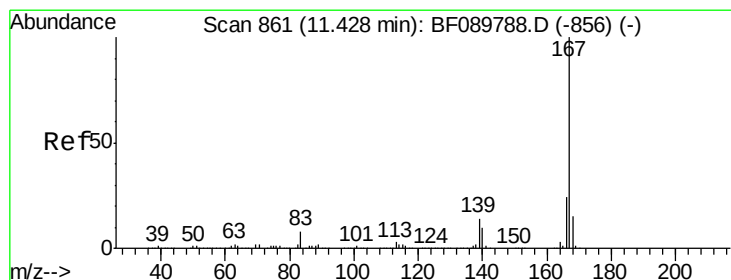
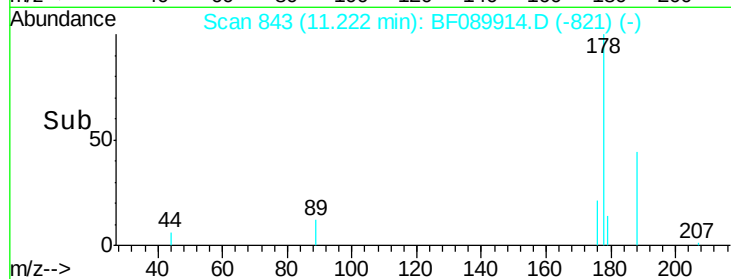
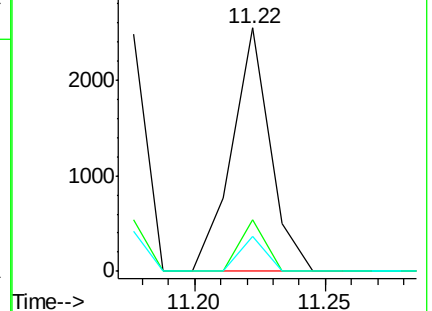
179 14.4 13.1 19.7



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: 0.04 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

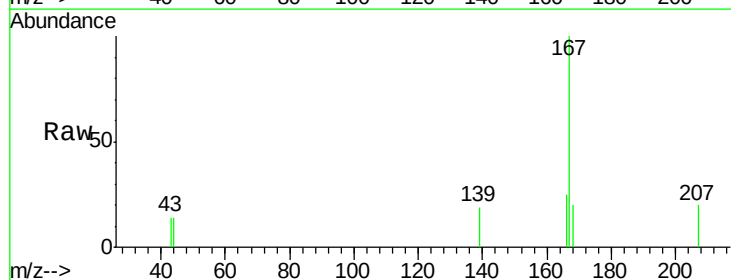
Tgt Ion:167 Resp: 2192

Ion Ratio Lower Upper

167 100

166 24.8 17.9 26.9

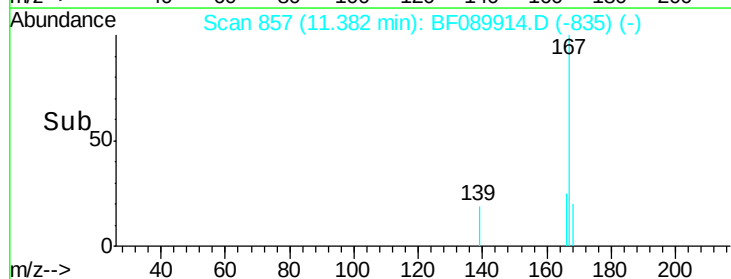
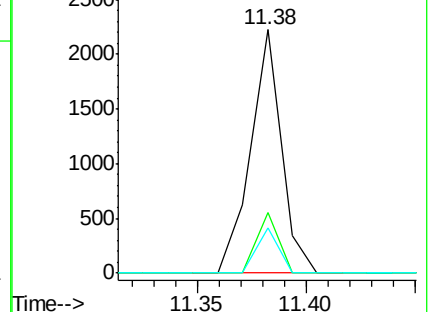
139 18.5 12.4 18.6

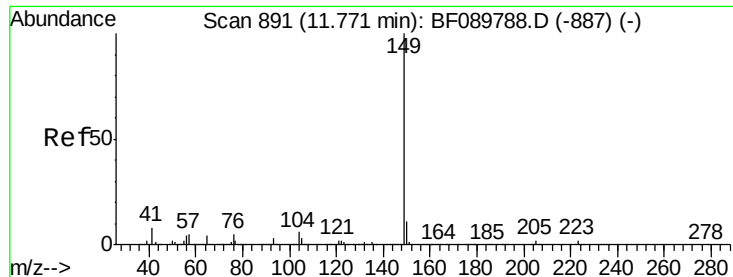


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.09 ng

RT: 11.73 min Scan# 887

Delta R.T. -0.05 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

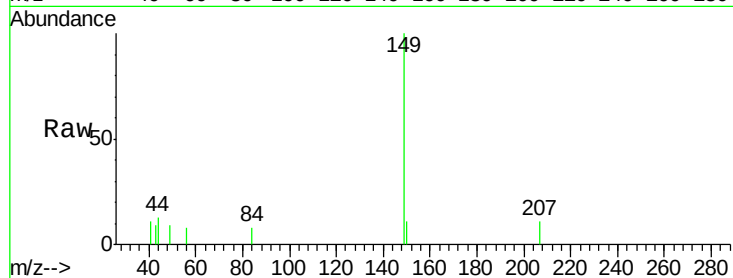
Tot Ion:149 Resp: 5472

Ion Ratio Lower Upper

149 100

150 10.5 7.9 11.9

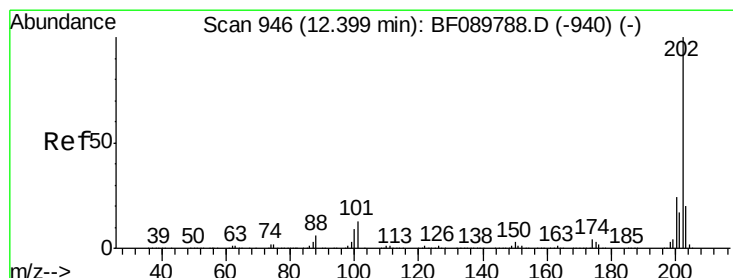
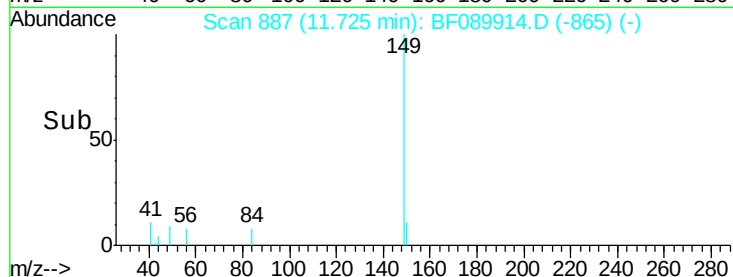
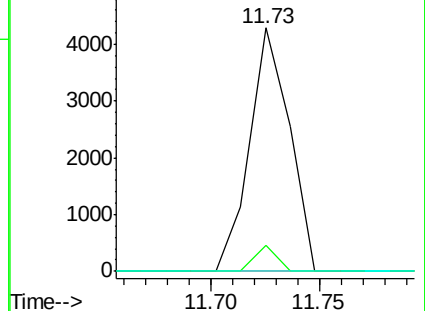
104 0.0 4.3 6.5#



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: 0.04 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.05 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

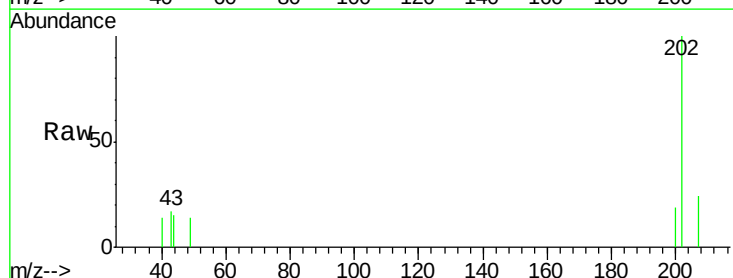
Tgt Ion:202 Resp: 2219

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.2

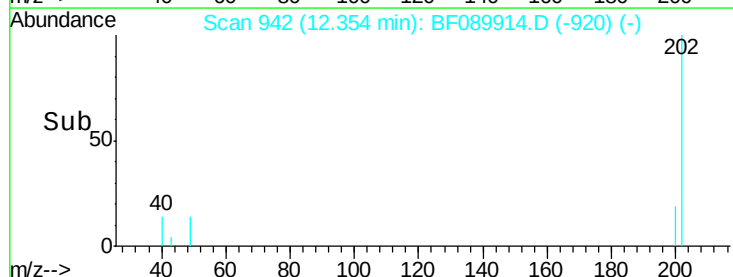
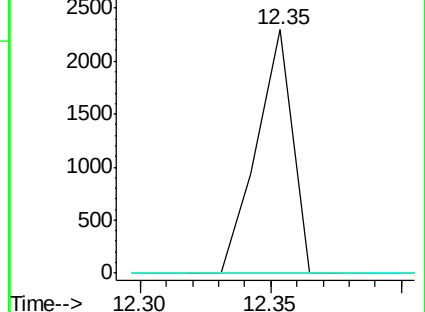
203 0.0 0.0 38.1

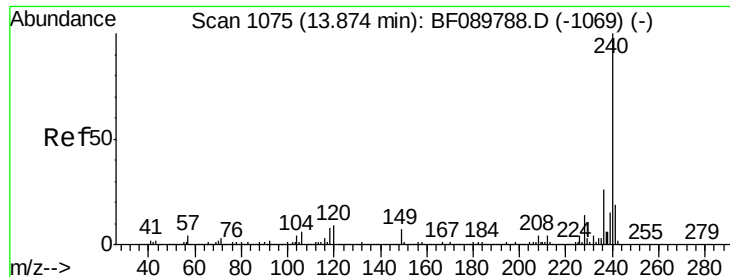


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.77 min Scan# 1066

Delta R.T. -0.10 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

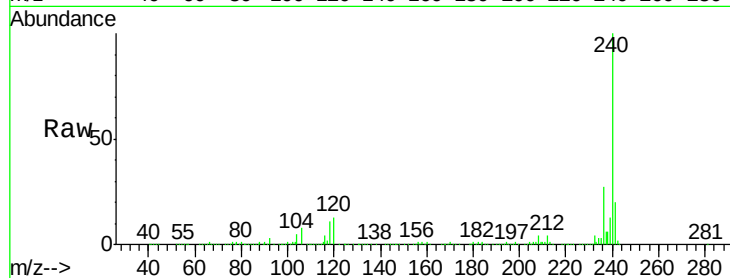
Tot Ion:240 Resp: 870982

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

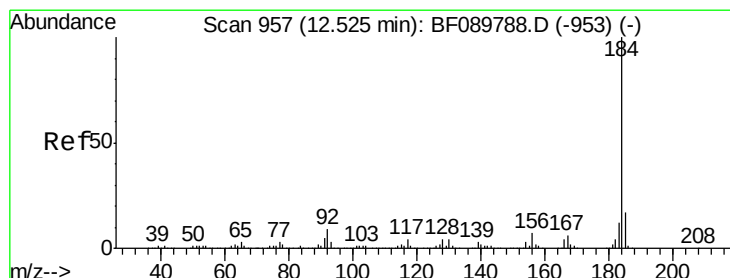
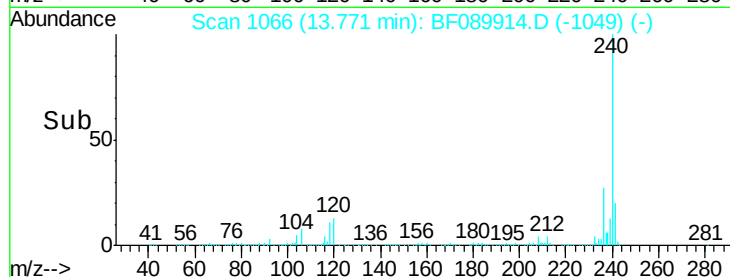
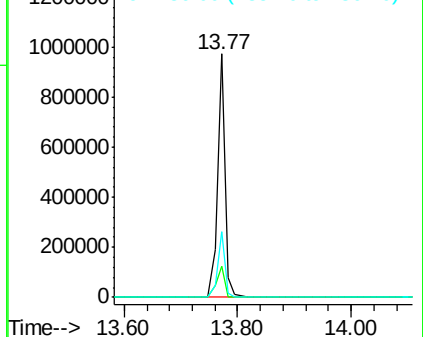
236 27.0 21.3 31.9



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: 0.55 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.05 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

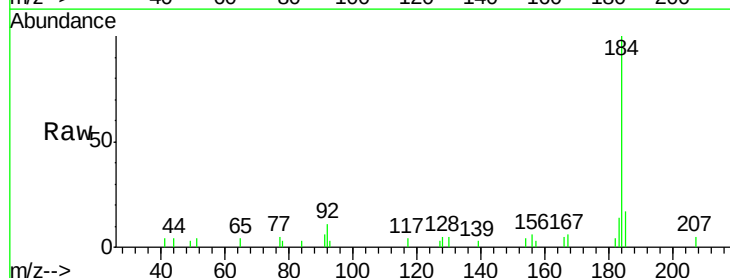
Tgt Ion:184 Resp: 15426

Ion Ratio Lower Upper

184 100

185 16.6 13.8 20.8

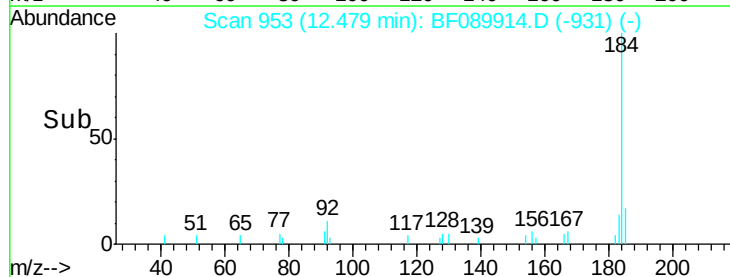
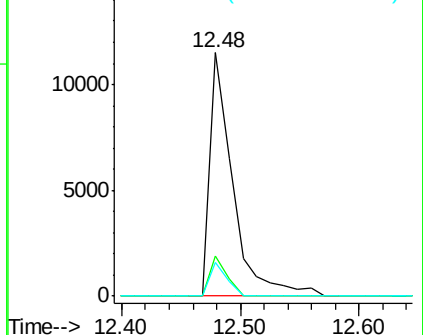
183 13.7 9.7 14.5

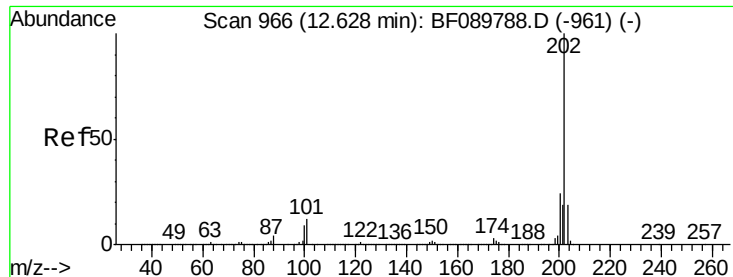


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.03 ng

RT: 12.57 min Scan# 961

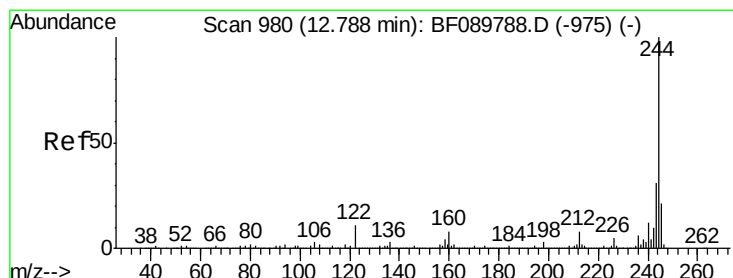
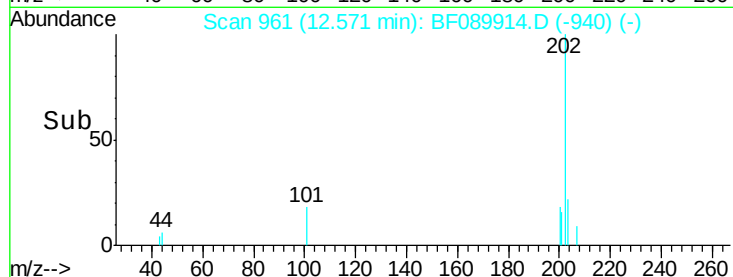
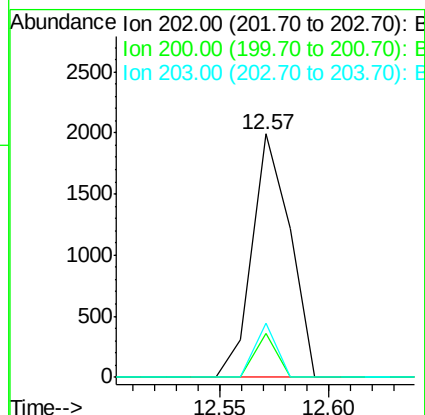
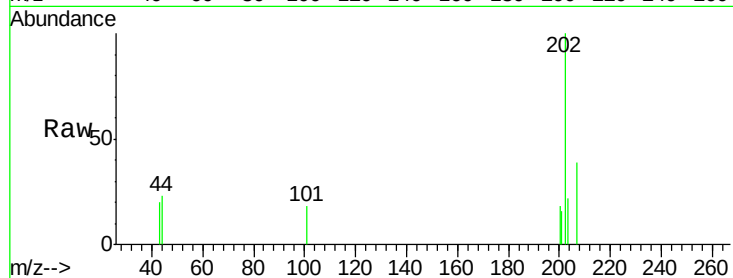
Delta R.T. -0.06 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	202	Resp:	2410
Ion	Ratio	Lower	Upper
202	100		
200	18.2	17.8	26.6
203	22.4	14.2	21.4#



#78

Terphenyl-d14

Concen: 52.94 ng

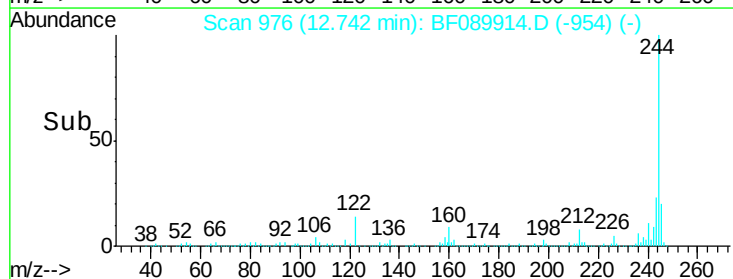
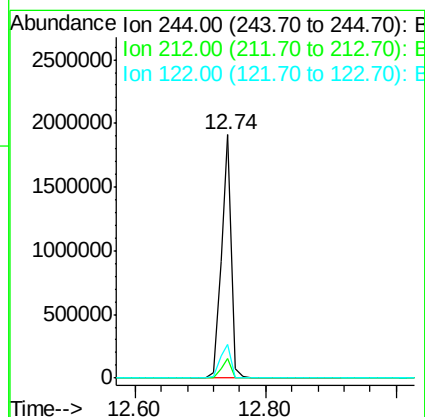
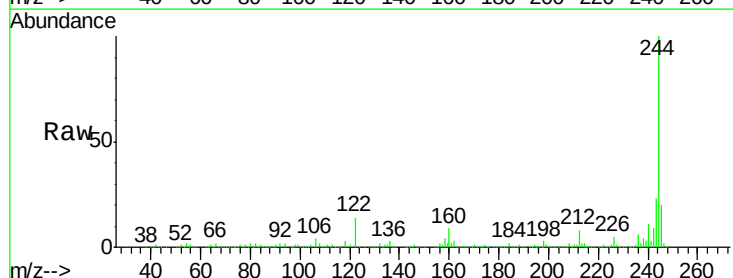
RT: 12.74 min Scan# 976

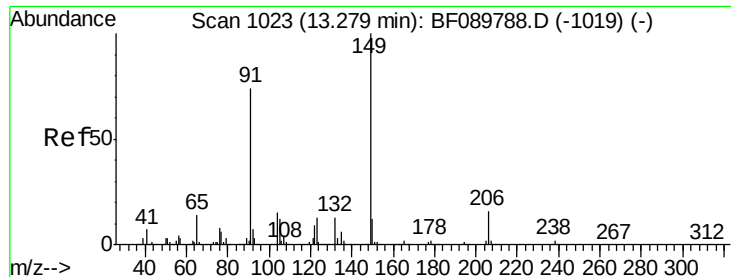
Delta R.T. -0.04 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Tgt Ion:	244	Resp:	2038350
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	13.7	12.0	18.0

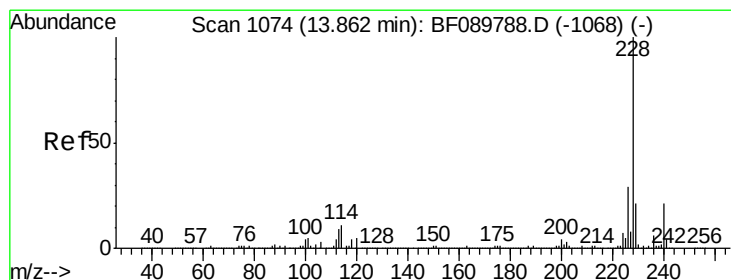
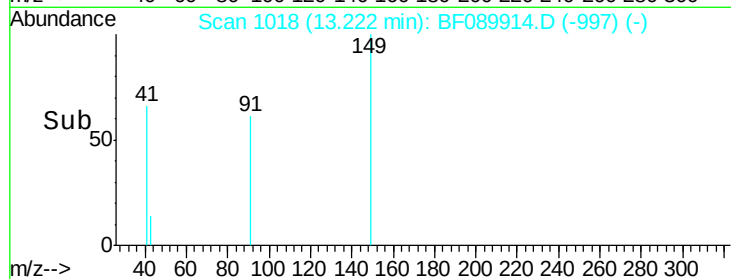
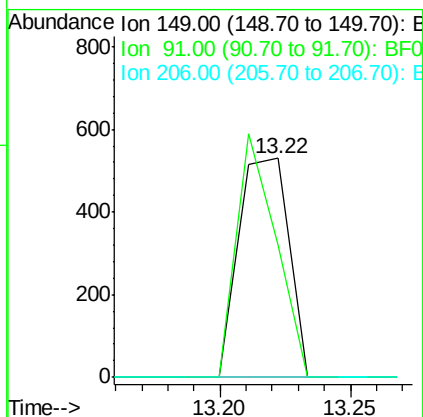
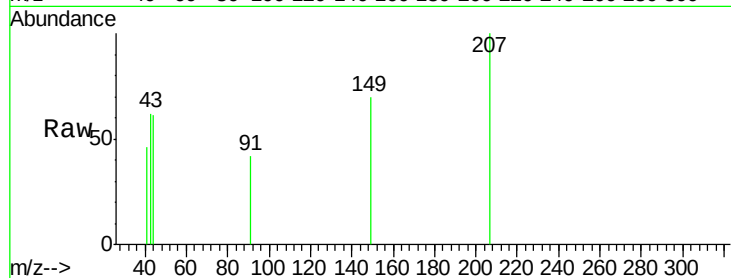




#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.22 min Scan# 1018
Delta R.T. -0.06 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

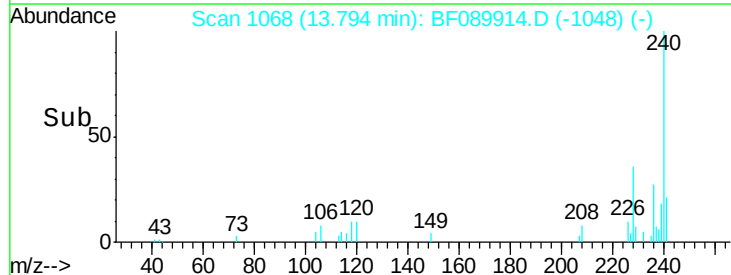
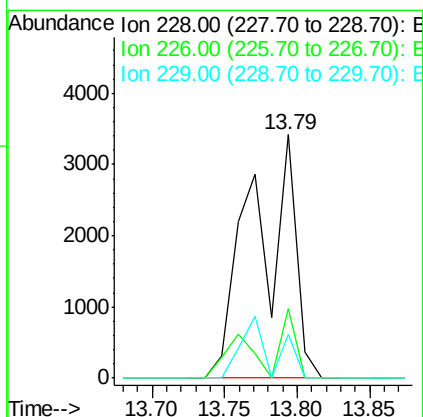
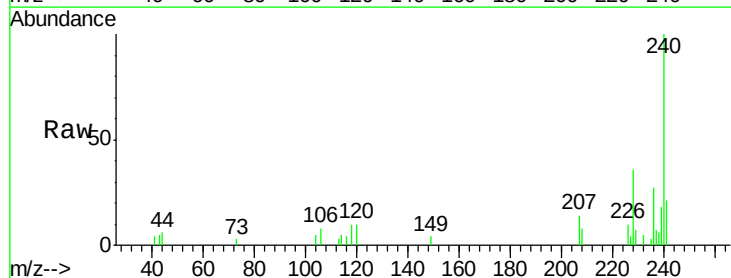
Instrument :
BNA_F
ClientSampleId :

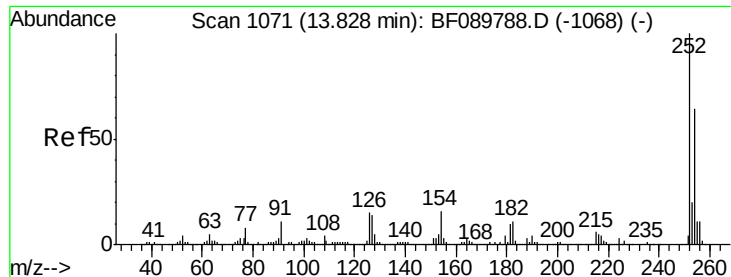
Tot Ion:149 Resp: 716
Ion Ratio Lower Upper
149 100
91 60.6 50.7 76.1
206 0.0 15.5 23.3#



#80
Benzo(a)anthracene
Concen: 0.14 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.07 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:228 Resp: 6863
Ion Ratio Lower Upper
228 100
226 28.8 23.2 34.8
229 18.2 16.2 24.4

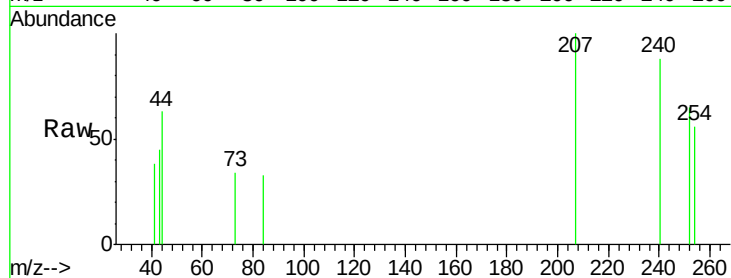




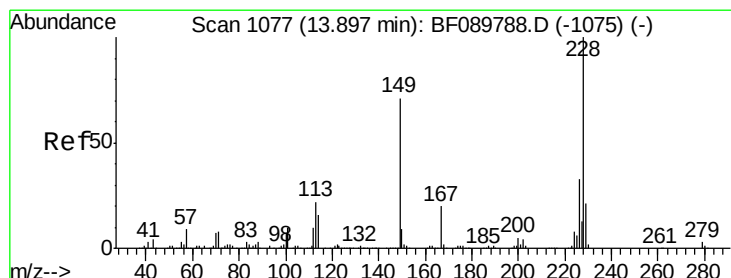
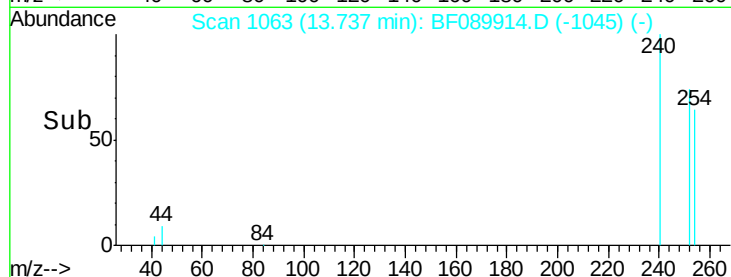
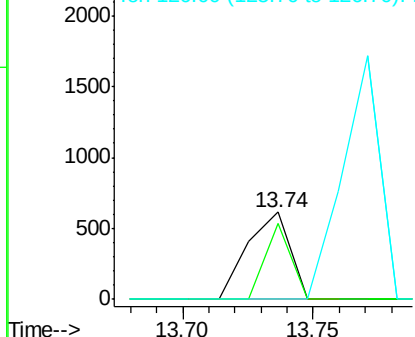
#81
 3,3'-Dichlorobenzidine
 Concen: 0.04 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.09 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 701
 Ion Ratio Lower Upper
 252 100
 254 86.8 50.6 75.8#
 126 0.0 12.6 18.8#

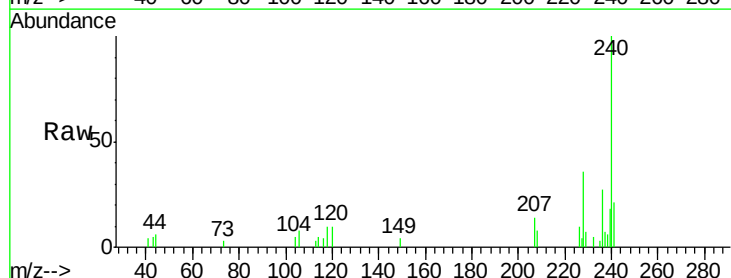


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

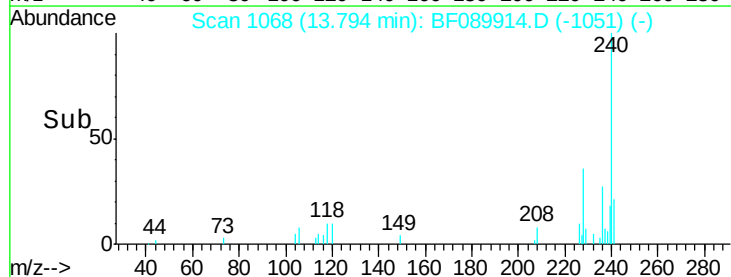
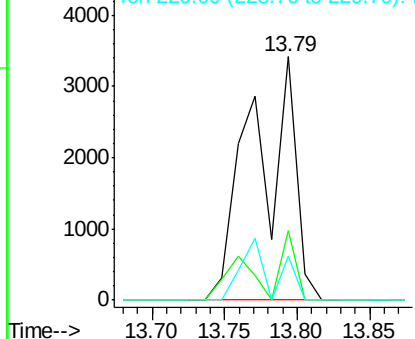


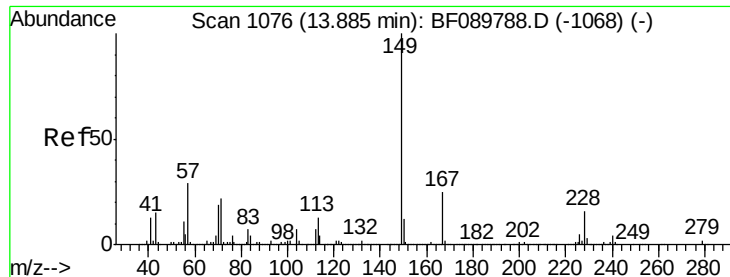
#82
 Chrysene
 Concen: 0.16 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.10 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:228 Resp: 6863
 Ion Ratio Lower Upper
 228 100
 226 28.8 25.4 38.0
 229 18.2 16.5 24.7



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: 0.03 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.10 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

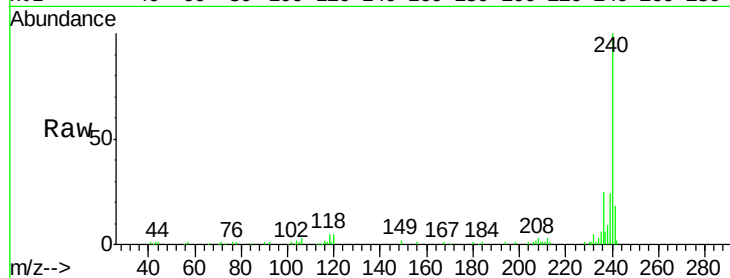
Tot Ion:149 Resp: 1484

Ion Ratio Lower Upper

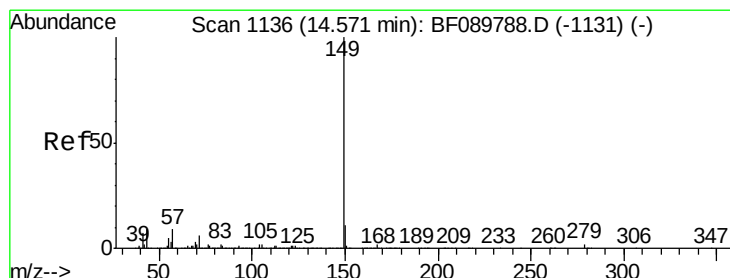
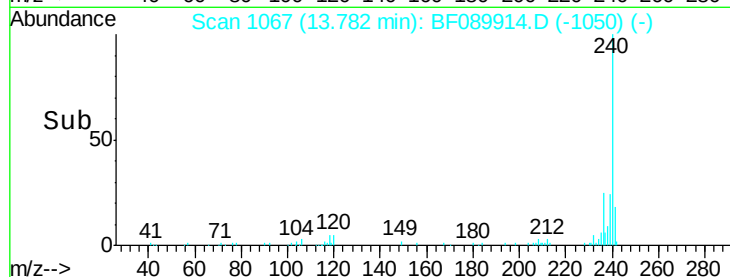
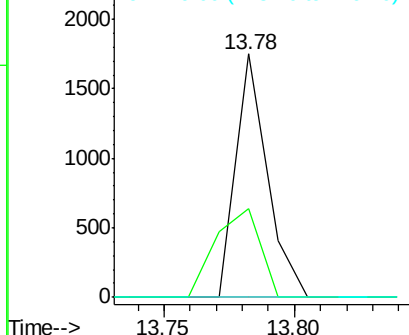
149 100

167 36.4 21.2 31.8#

279 0.0 2.9 4.3#



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



#84

Di-n-octyl phthalate

Concen: 0.03 ng

RT: 14.39 min Scan# 1120

Delta R.T. -0.18 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

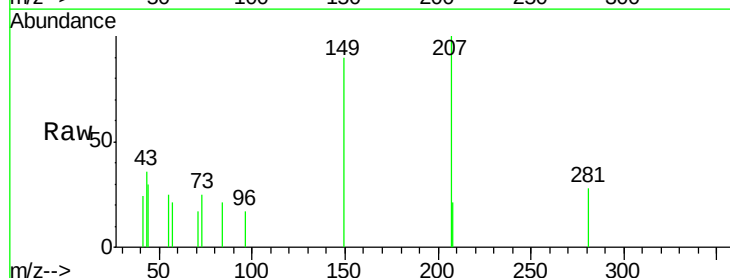
Tgt Ion:149 Resp: 1739

Ion Ratio Lower Upper

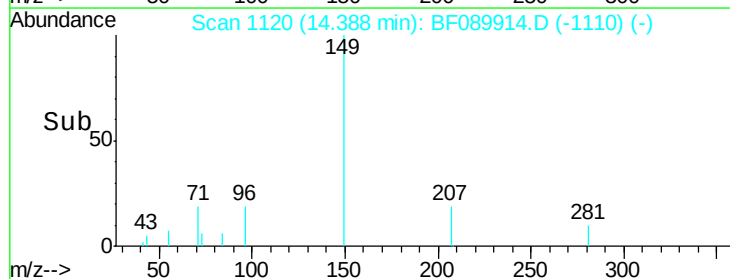
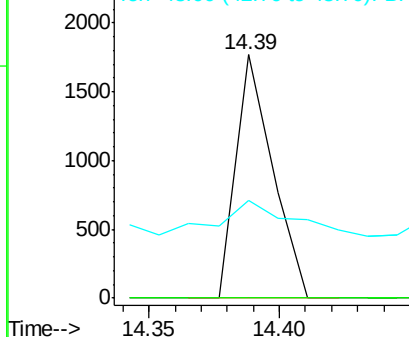
149 100

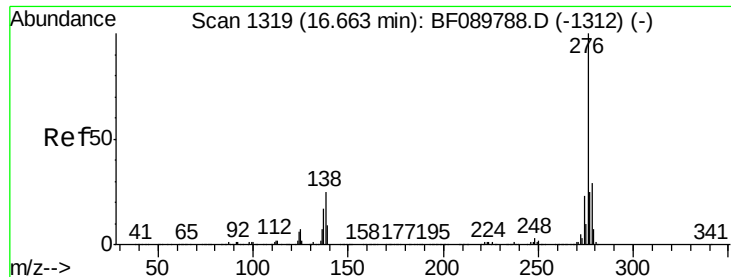
167 0.0 1.2 1.8#

43 30.4 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

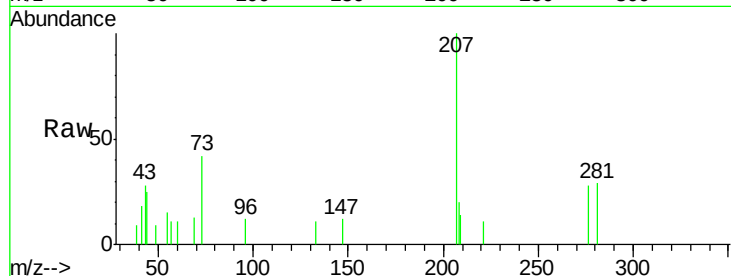




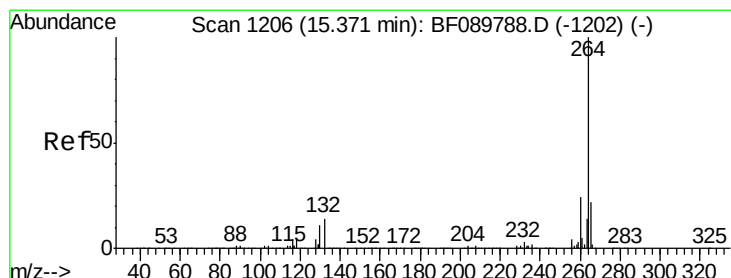
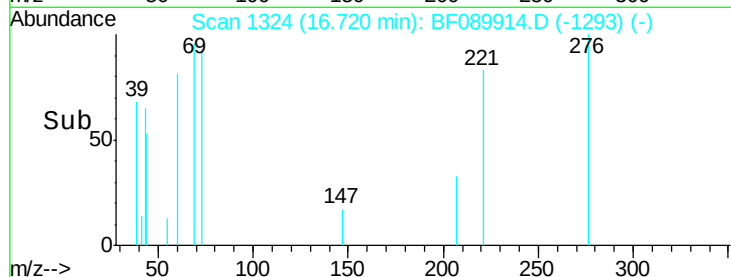
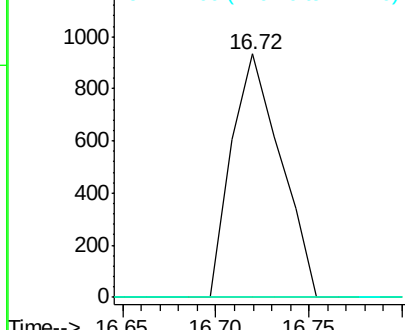
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. 0.06 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1712
 Ion Ratio Lower Upper
 276 100
 138 0.0 24.6 36.8#
 277 0.0 20.4 30.6#

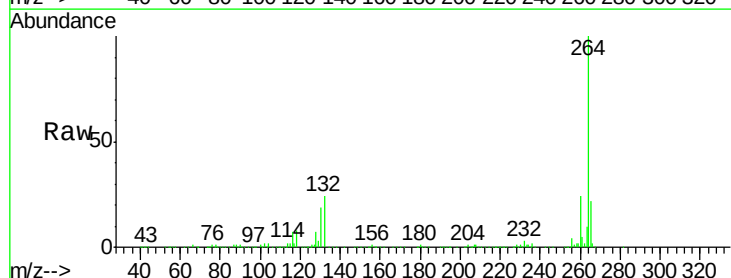


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

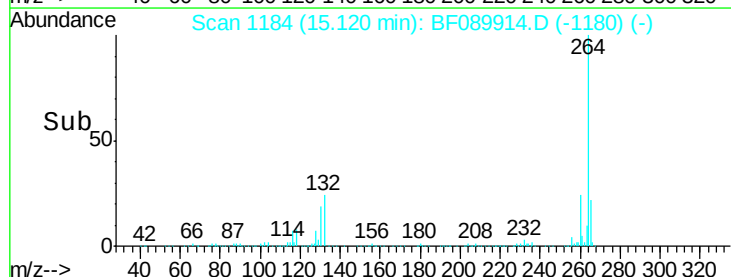
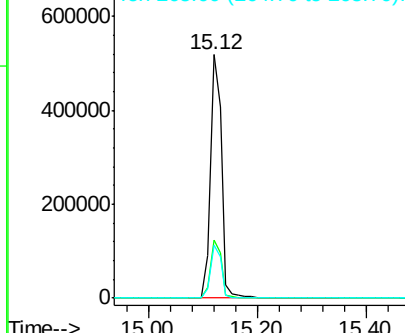


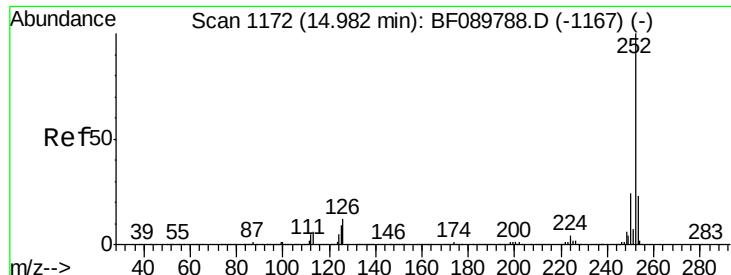
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.25 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:264 Resp: 740580
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.2 30.2
 265 21.9 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

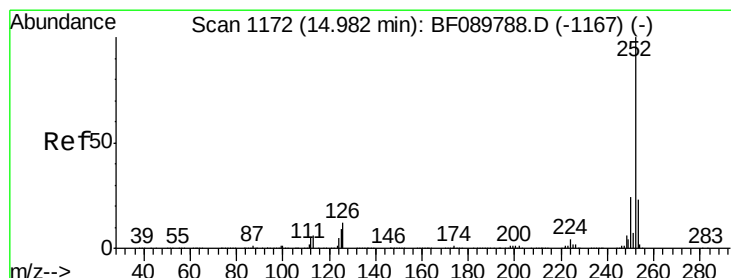
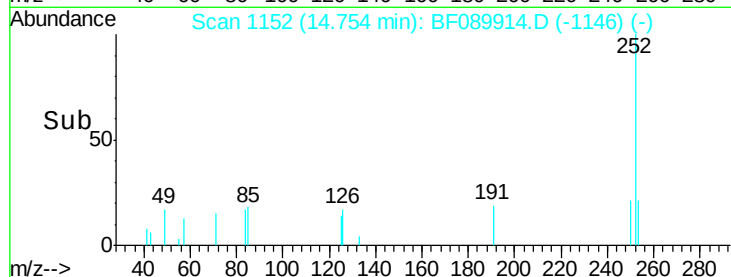
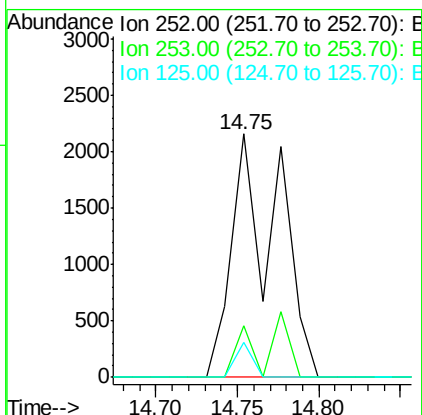
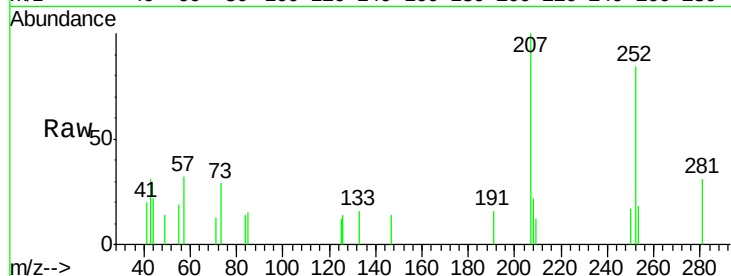




#87
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.23 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

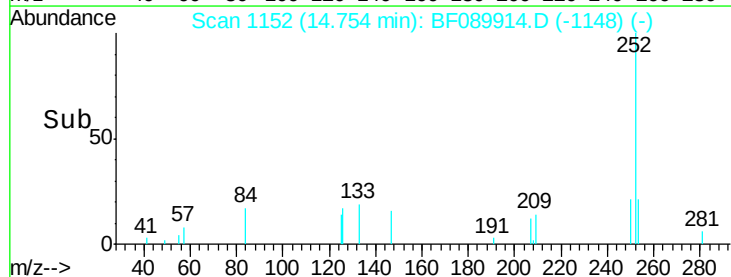
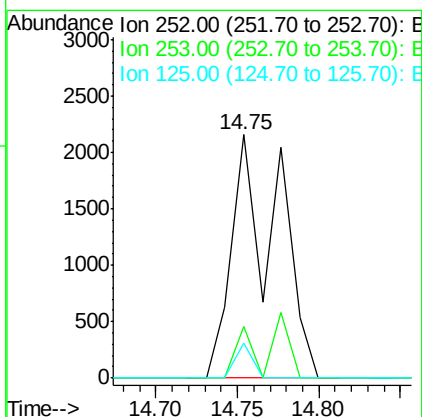
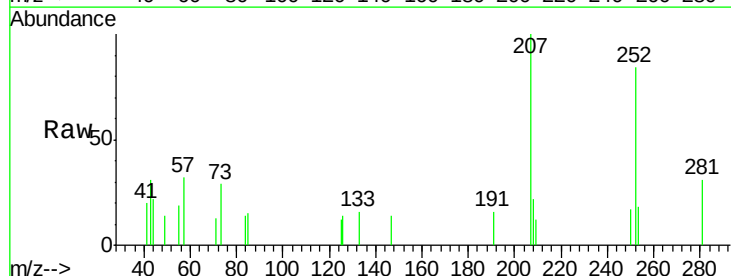
Instrument :
BNA_F
ClientSampleId :

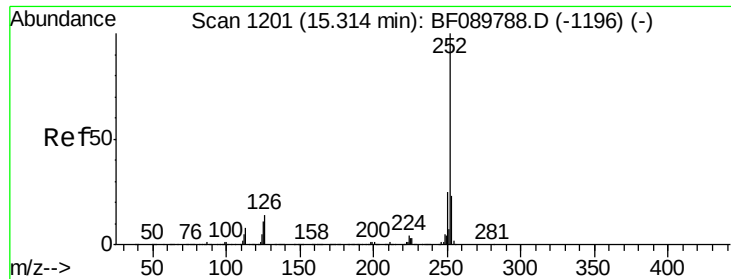
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	14.3	11.4	17.2



#88
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.25 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	14.3	9.8	14.6

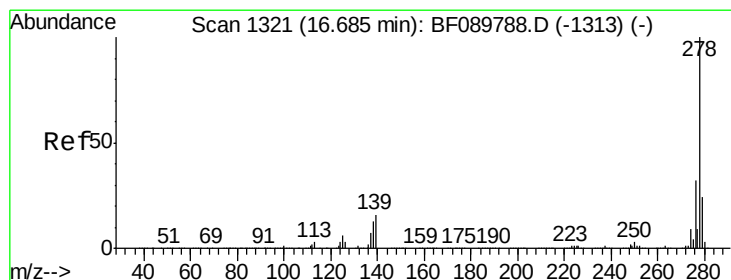
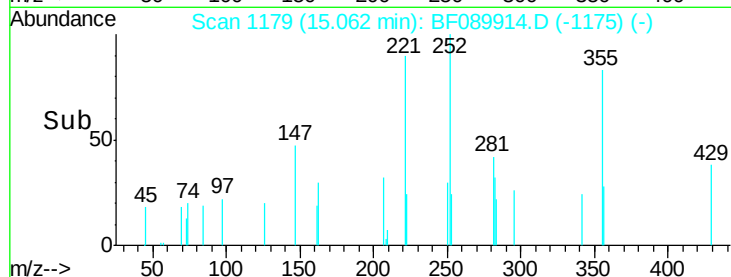
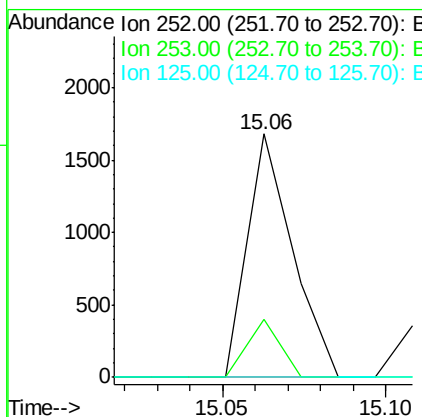
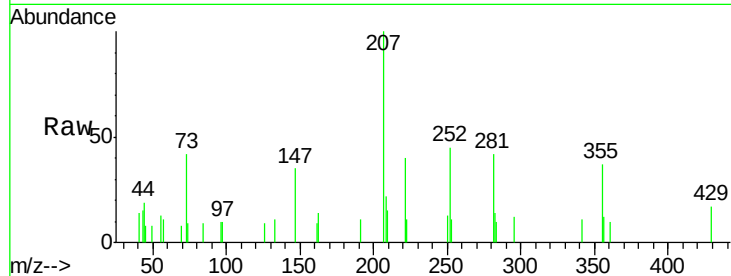




#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.25 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

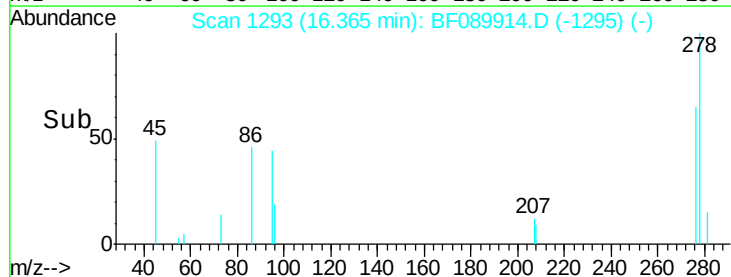
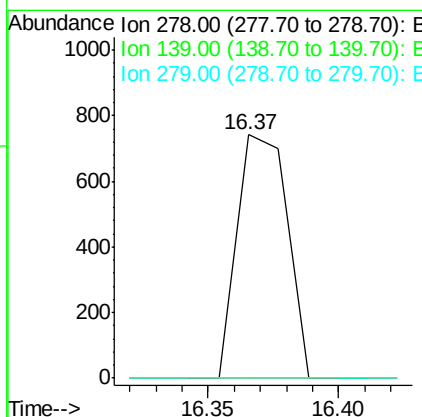
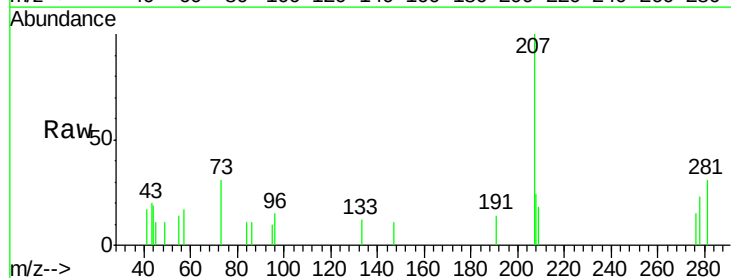
Instrument :
BNA_F
ClientSampleId :

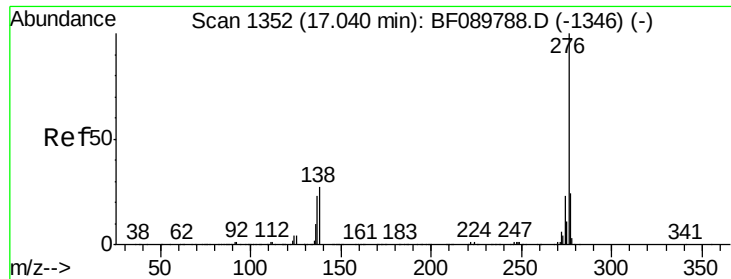
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	0.0	11.7	17.5#



#90
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.32 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.9	22.3#
279	0.0	19.2	28.8#

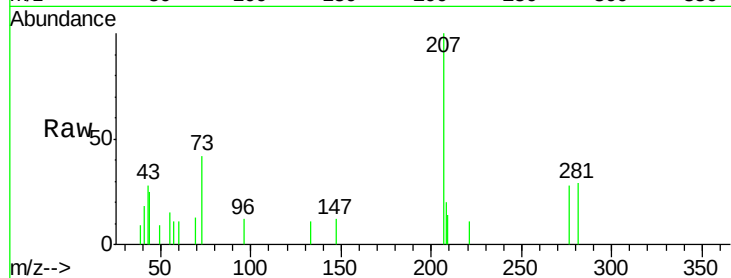




#91
 Benzo(a,h,i)perylene
 Concen: 0.04 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. -0.32 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.2	28.8#
138	0.0	22.1	33.1#



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

