

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088450.D
 Acq On : 27 Jun 2016 12:22
 Operator : UM/SJ
 Sample : H3731-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 27 19:07:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:27:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	242968	20.00	ng	-0.15
21) Naphthalene-d8	7.83	136	272771	20.00	ng	-0.30
38) Acenaphthene-d10	9.58	164	129405	20.00	ng	-0.31
63) Phenanthrene-d10	11.05	188	245504	20.00	ng	-0.31
75) Chrysene-d12	13.68	240	203428	20.00	ng	-0.31
86) Perylene-d12	15.03	264	165718	20.00	ng	-0.37

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	460792	32.42	ng	-0.29
7) Phenol-d6	6.22	99	568968	33.03	ng	-0.26
23) Nitrobenzene-d5	7.12	82	383090	82.01	ng	-0.30
41) 2,4,6-Tribromophenol	10.36	330	157540	115.30	ng	-0.31
44) 2-Fluorobiphenyl	8.90	172	729117	88.76	ng	-0.31
78) Terphenyl-d14	12.64	244	733226	82.02	ng	-0.31

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.12	88	61401	8.89	ng	# 48
3) Pyridine	2.80	79	56897	3.49	ng	94
6) Aniline	6.28	93	99398	4.05	ng	# 57
8) 2-Chlorophenol	6.33	128	98224	5.84	ng	88
9) Benzaldehyde	6.09	77	42110	3.30	ng	98
10) Phenol	6.23	94	107929	3.79	ng	94
11) bis(2-Chloroethyl)ether	6.28	93	99398	6.58	ng	87
12) 1,3-Dichlorobenzene	6.71	146	95734	5.30	ng	96
13) 1,4-Dichlorobenzene	6.71	146	95734	5.27	ng	99
14) 1,2-Dichlorobenzene	6.71	146	95734	5.79	ng	96
15) Benzyl Alcohol	6.71	79	74725	5.55	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.83	45	101034	4.95	ng	# 8
17) 2-Methylphenol	6.99	107	96427	7.07	ng	# 76
19) n-Nitroso-di-n-propylamine	7.12	70	50789	4.61	ng	# 69
20) 3+4-Methylphenols	6.99	107	95989	6.03	ng	# 79
22) Acetophenone	6.96	105	140846	23.11	ng	# 97
24) Nitrobenzene	7.13	77	91434	20.21	ng	90
25) Isophorone	7.37	82	179434	20.74	ng	97
26) 2-Nitrophenol	7.45	139	54079	22.31	ng	# 89
27) 2,4-Dimethylphenol	7.51	122	91086	20.41	ng	92
28) bis(2-Chloroethoxy)methane	7.60	93	112901	21.04	ng	98
29) 2,4-Dichlorophenol	7.71	162	81969	22.00	ng	94
30) 1,2,4-Trichlorobenzene	7.77	180	83618	20.61	ng	100
31) Naphthalene	7.85	128	324317	24.03	ng	98
32) Benzoic acid	7.67	122	29136	11.86	ng	91
33) 4-Chloroaniline	7.93	127	22941	3.81	ng	94
34) Hexachlorobutadiene	7.96	225	44862	20.97	ng	98
35) Caprolactam	8.31	113	9524	7.72	ng	# 69
36) 4-Chloro-3-methylphenol	8.42	107	89850	22.55	ng	94
37) 2-Methylnaphthalene	8.54	142	196957	22.14	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	84983	21.20	ng	# 1
40) Hexachlorocyclopentadiene	8.68	237	22408	10.74	ng	98
42) 2,4,6-Trichlorophenol	8.83	196	54625	21.11	ng	96
43) 2,4,5-Trichlorophenol	8.88	196	52839	19.63	ng	# 84

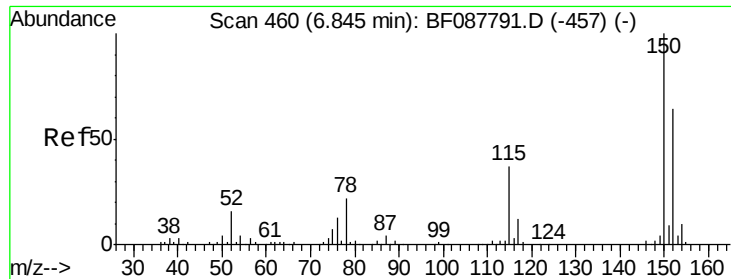
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.00	154	256005	23.37	nq	96
46) 2-Chloronaphthalene	9.03	162	191186	22.83	nq	95
47) 2-Nitroaniline	9.14	65	52345	21.19	nq	# 69
48) Acenaphthylene	9.43	152	295244	22.17	nq	98
49) Dimethylphthalate	9.31	163	236059	25.18	nq	99
50) 2,6-Dinitrotoluene	9.38	165	53224	24.79	nq	97
51) Acenaphthene	9.60	154	174170	20.96	nq	99
52) 3-Nitroaniline	9.56	138	15345	6.19	nq	# 88
53) 2,4-Dinitrophenol	9.69	184	12827	15.83	nq	90
54) Dibenzofuran	9.78	168	269650	23.56	nq	92
55) 4-Nitrophenol	9.77	139	167576	87.16	nq	# 21
56) 2,4-Dinitrotoluene	9.79	165	65154	23.62	nq	# 94
57) Fluorene	10.11	166	210676	25.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	34167	16.15	nq	# 55
59) Diethylphthalate	10.01	149	239238	25.21	nq	98
60) 4-Chlorophenyl-phenylether	10.11	204	93381	24.54	nq	97
61) 4-Nitroaniline	10.17	138	46910	19.96	nq	97
62) Azobenzene	10.27	77	228090	24.31	nq	96
64) 4,6-Dinitro-2-methylphenol	10.20	198	9773	8.25	nq	86
65) n-Nitrosodiphenylamine	10.24	169	186600	22.91	nq	100
66) 4-Bromophenyl-phenylether	10.60	248	56977	21.63	nq	94
67) Hexachlorobenzene	10.66	284	61397	22.44	nq	96
68) Atrazine	10.78	200	40550	16.44	nq	94
69) Pentachlorophenol	10.88	266	49250	34.14	nq	98
70) Phenanthrene	11.07	178	314631	24.42	nq	98
71) Anthracene	11.12	178	333608	25.67	nq	98
72) Carbazole	11.29	167	310050	25.50	nq	98
73) Di-n-butylphthalate	11.62	149	363631	23.62	nq	99
74) Fluoranthene	12.25	202	321779	23.67	nq	99
76) Benzidine	12.40	184	11465	2.04	nq	# 1
77) Pyrene	12.48	202	326800	21.65	nq	99
79) Butylbenzylphthalate	13.11	149	161058	24.13	nq	93
80) Benzo(a)anthracene	13.67	228	284384	24.53	nq	98
81) 3,3'-Dichlorobenzidine	13.63	252	20725	6.65	nq	# 96
82) Chrysene	13.70	228	268824	24.65	nq	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	204384	25.16	nq	98
84) Di-n-octyl phthalate	14.27	149	357041	27.05	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.25	276	209105	20.64	nq	# 100
87) Benzo(b)fluoranthene	14.70	252	507973	43.98	nq	98
88) Benzo(k)fluoranthene	14.70	252	509342	58.46	nq	# 93
89) Benzo(a)pyrene	14.97	252	231021	24.72	nq	100
90) Dibenzo(a,h)anthracene	16.25	278	178312	20.54	nq	98
91) Benzo(g,h,i)perylene	16.62	276	174576	19.55	nq	98

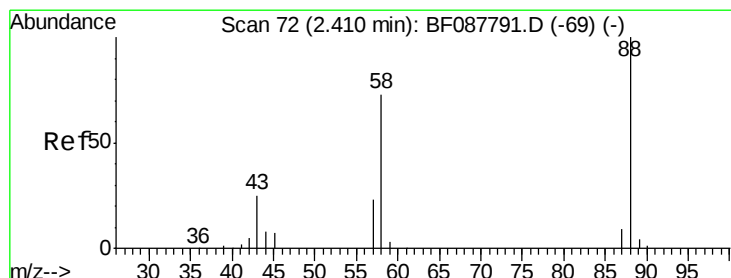
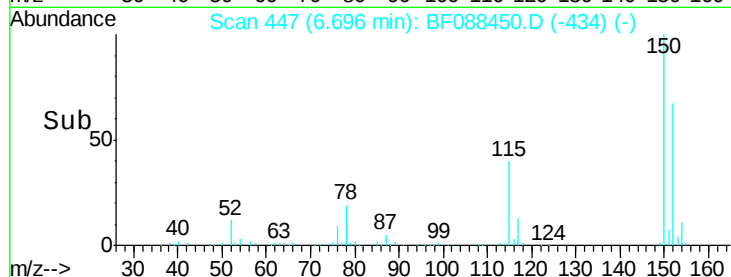
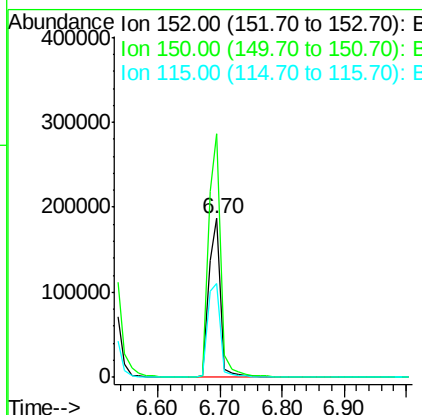
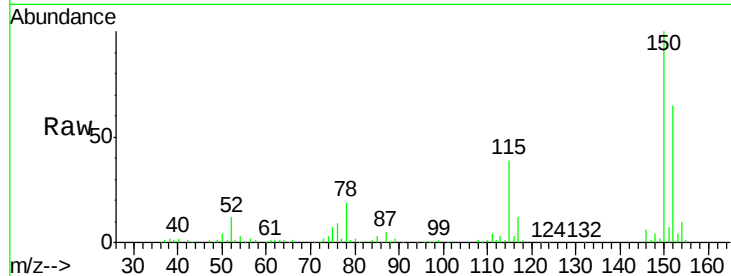
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.15 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

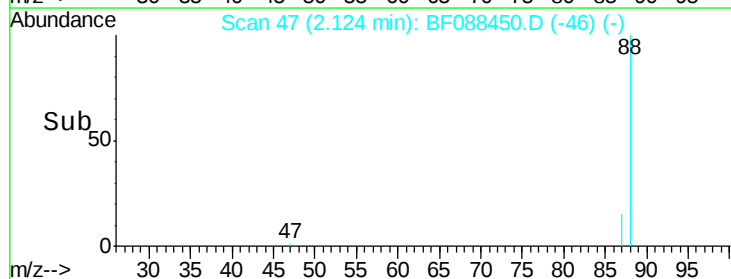
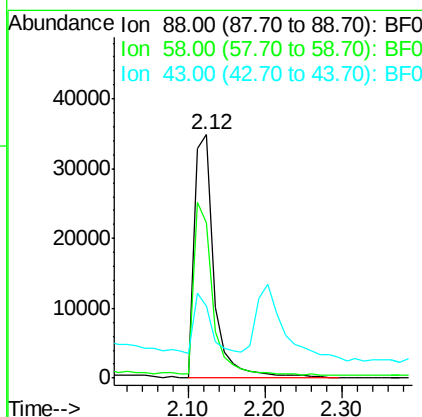
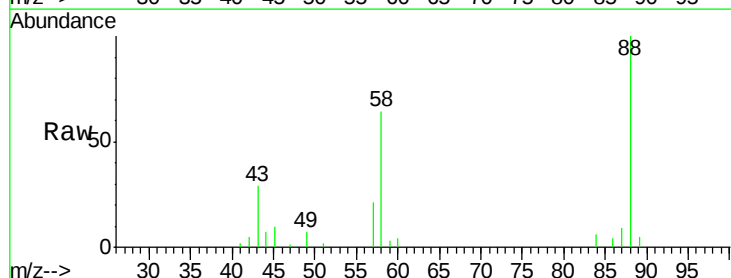
Instrument :
 BNA_F
 ClientSampleId :

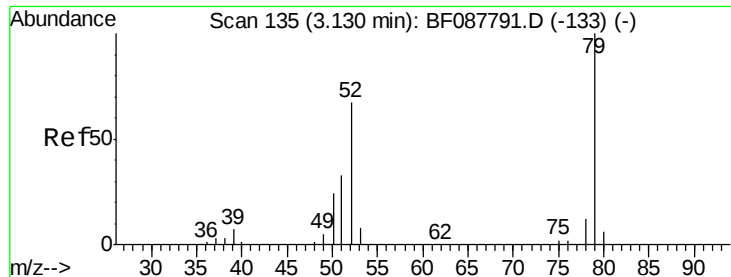
Tot Ion:152 Resp: 242968
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.8 185.6
 115 58.9 39.6 59.4



#2
 1,4-Dioxane
 Concen: 8.89 ng
 RT: 2.12 min Scan# 47
 Delta R.T. -0.29 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion: 88 Resp: 61401
 Ion Ratio Lower Upper
 88 100
 58 69.0 0.0 0.0#
 43 21.4 3.4 5.2#





#3

Pvridine

Concen: 3.49 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.33 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

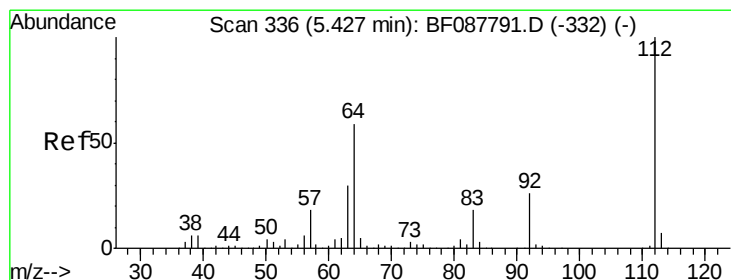
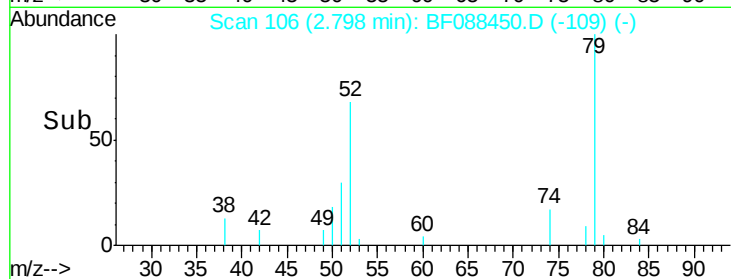
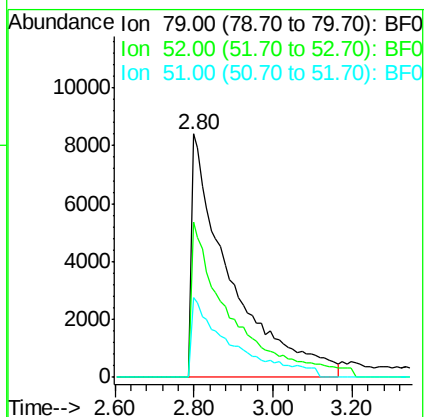
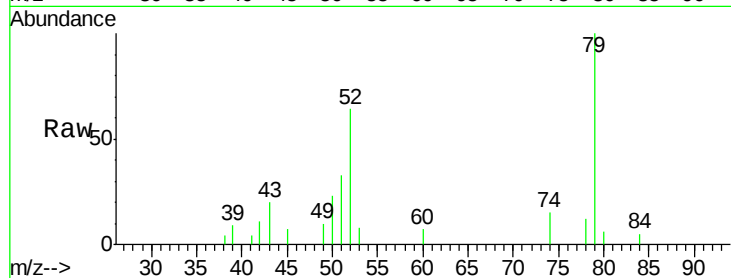
Tot Ion: 79 Resp: 56897

Ion Ratio Lower Upper

79 100

52 63.7 56.3 84.5

51 32.9 27.4 41.2



#5

2-Fluorophenol

Concen: 32.42 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.29 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

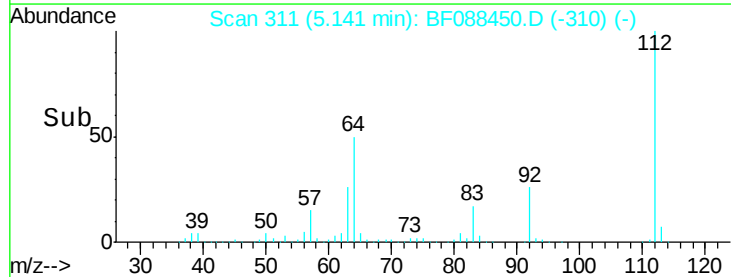
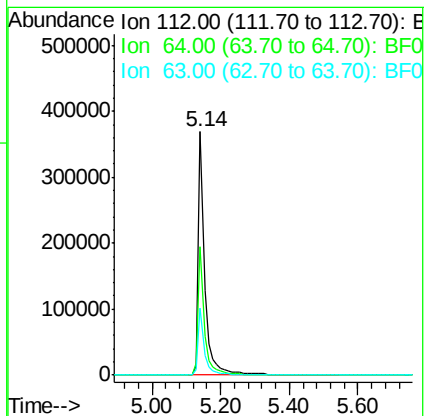
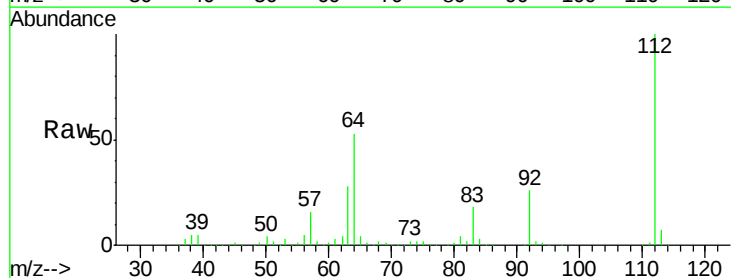
Tgt Ion: 112 Resp: 460792

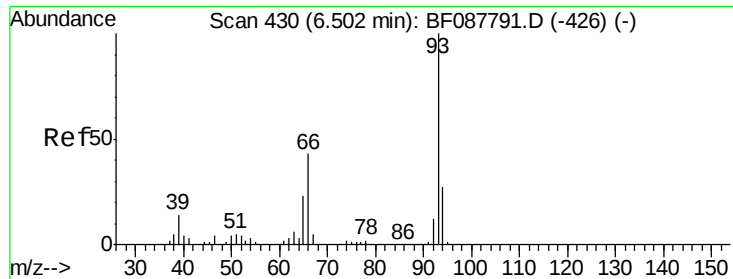
Ion Ratio Lower Upper

112 100

64 53.0 42.2 63.2

63 27.7 21.8 32.8





#6

Aniline

Concen: 4.05 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.22 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

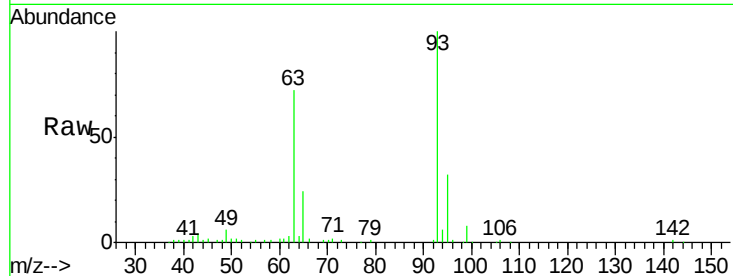
Tot Ion: 93 Resp: 99398

Ion Ratio Lower Upper

93 100

66 2.1 29.8 44.8#

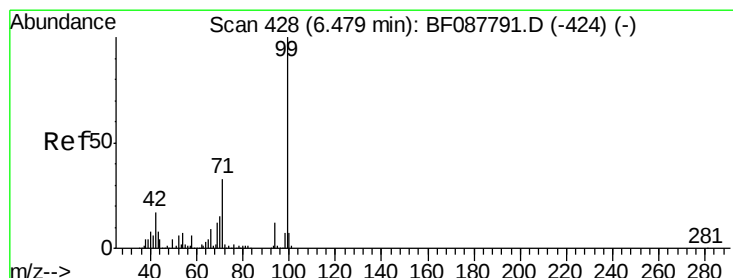
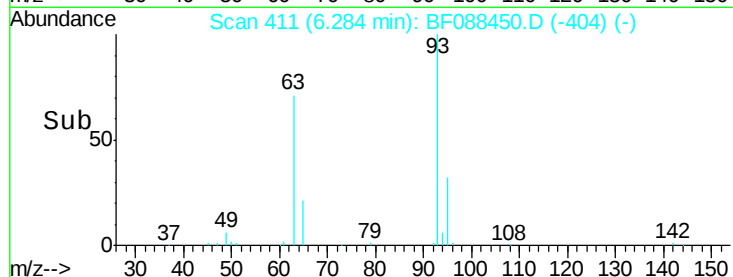
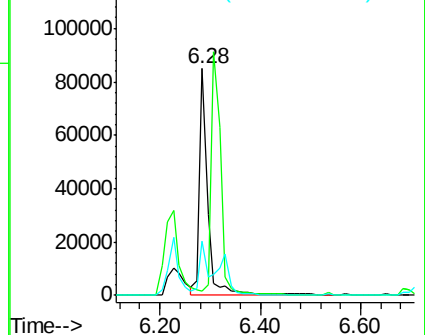
65 23.7 14.9 22.3#



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: 33.03 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.26 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

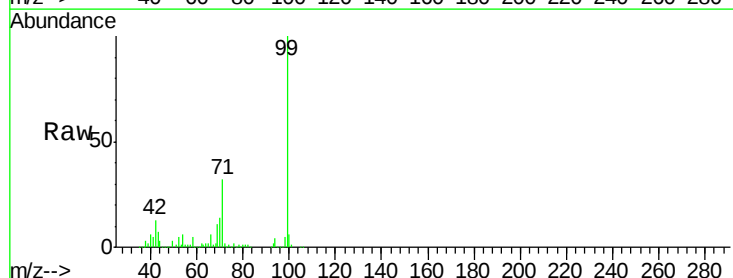
Tgt Ion: 99 Resp: 568968

Ion Ratio Lower Upper

99 100

42 13.3 12.2 18.2

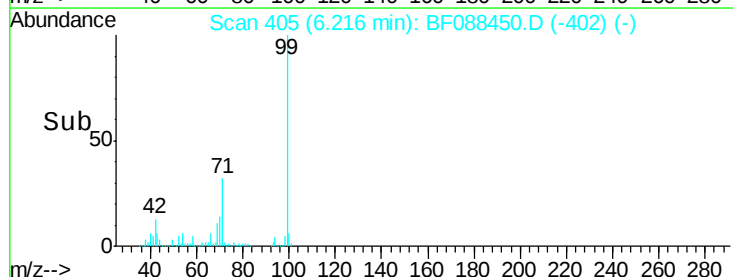
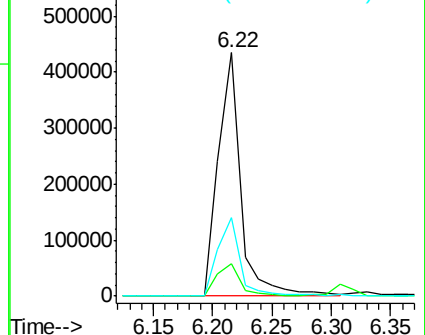
71 32.3 23.4 35.0

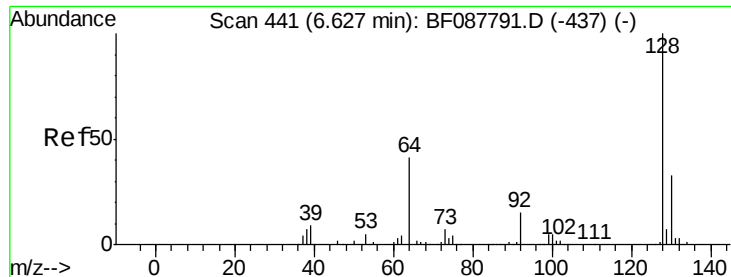


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 5.84 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.30 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

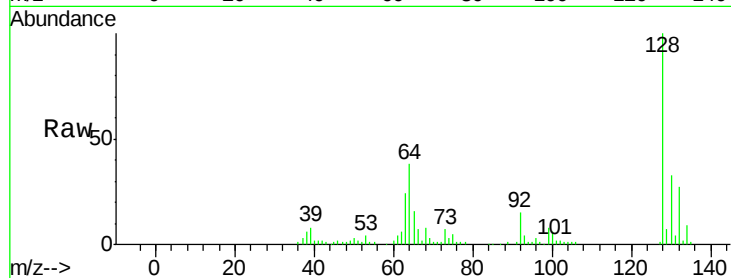
Tot Ion:128 Resp: 98224

Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

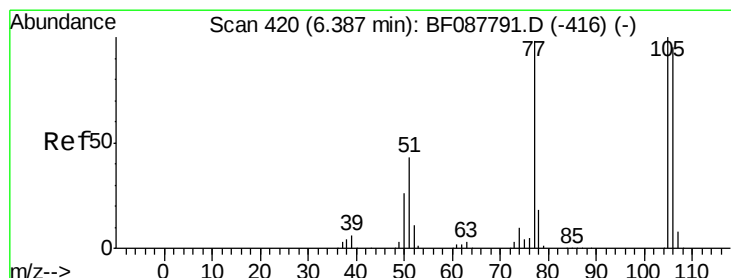
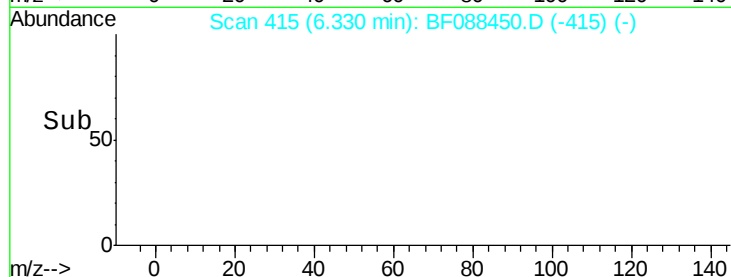
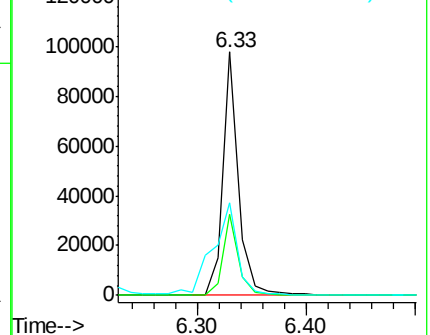
64 38.0 30.8 70.8



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): E



#9

Benzaldehyde

Concen: 3.30 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.30 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

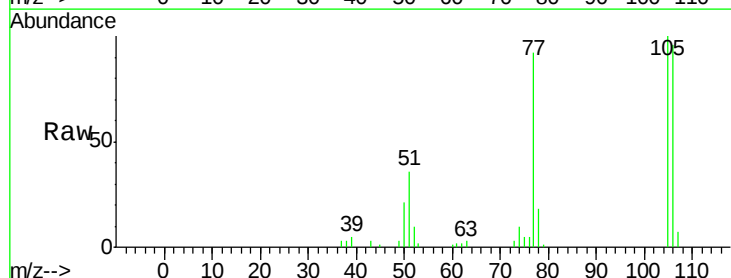
Tgt Ion: 77 Resp: 42110

Ion Ratio Lower Upper

77 100

105 108.2 90.6 130.6

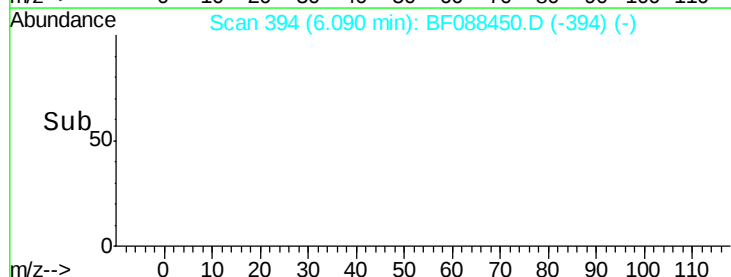
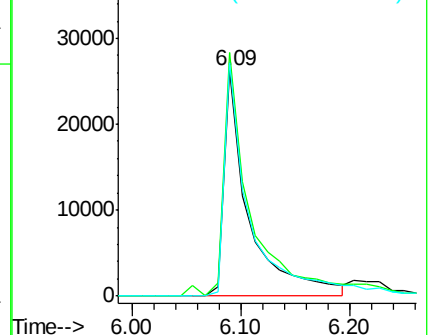
106 103.9 85.3 125.3

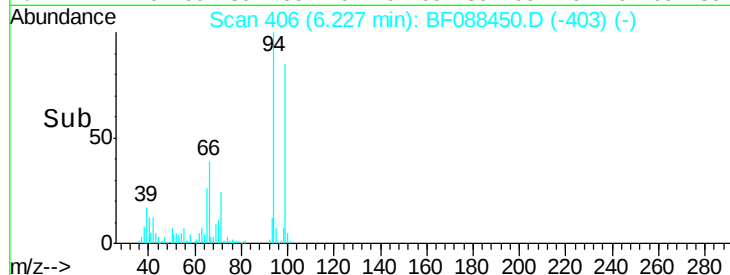
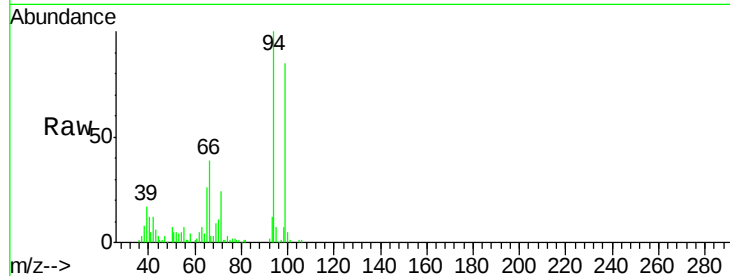
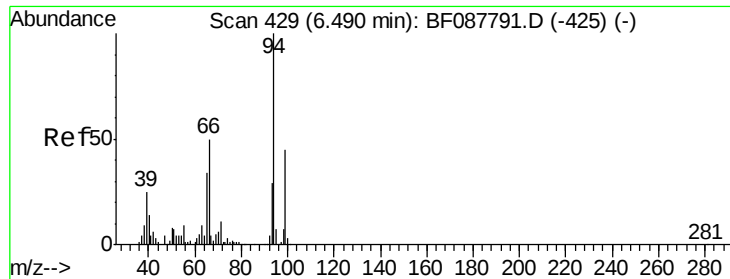


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.79 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.26 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

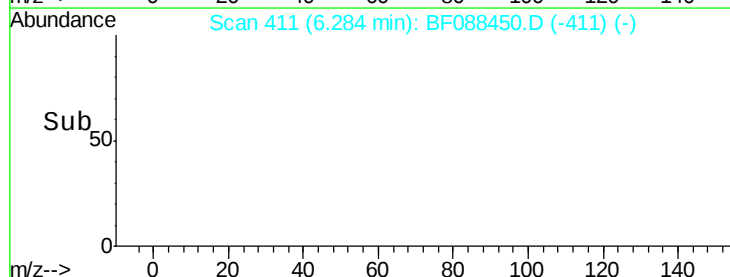
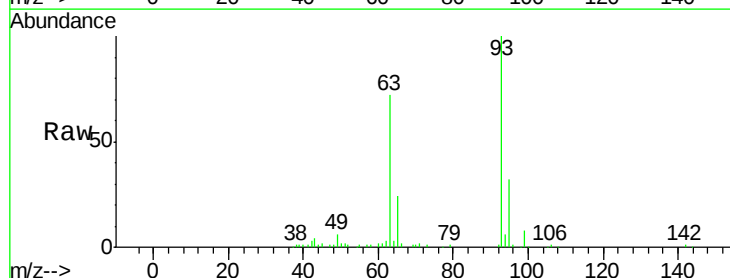
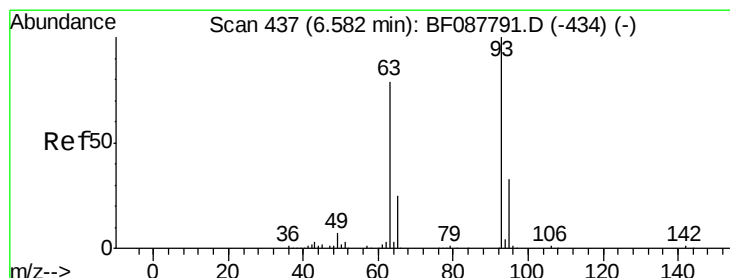
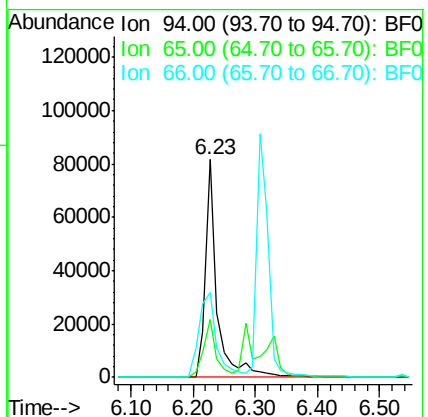
Tot Ion: 94 Resp: 107929

Ion Ratio Lower Upper

94 100

65 26.4 5.9 45.9

66 39.3 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 6.58 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.30 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

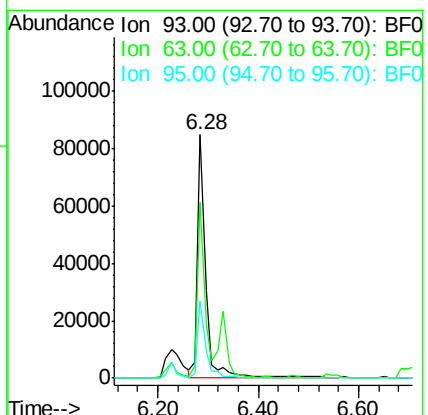
Tgt Ion: 93 Resp: 99398

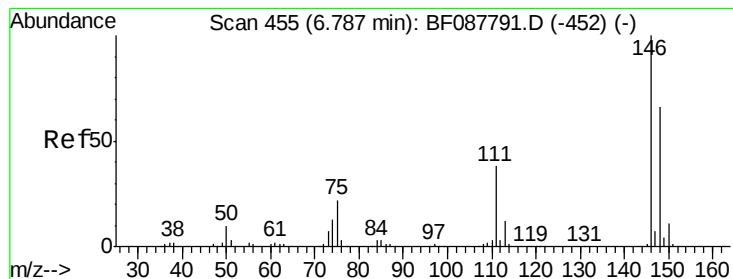
Ion Ratio Lower Upper

93 100

63 72.0 67.6 107.6

95 31.7 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 5.30 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.08 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

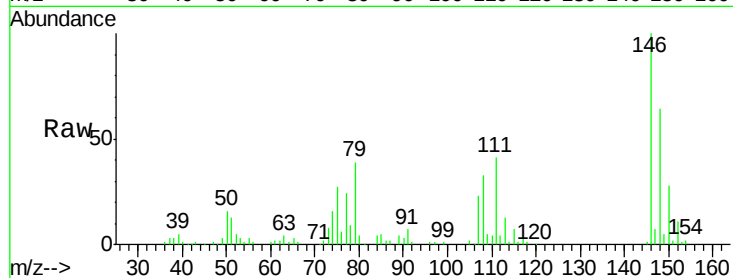
Tot Ion:146 Resp: 95734

Ion Ratio Lower Upper

146 100

148 64.3 50.9 76.3

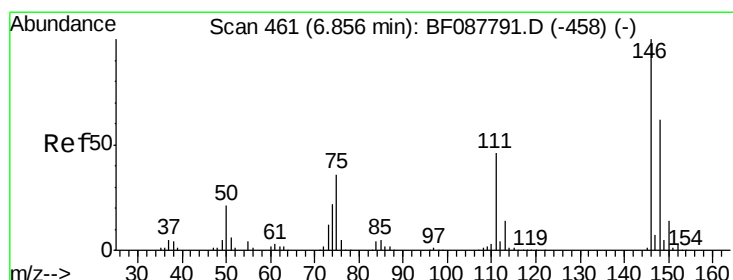
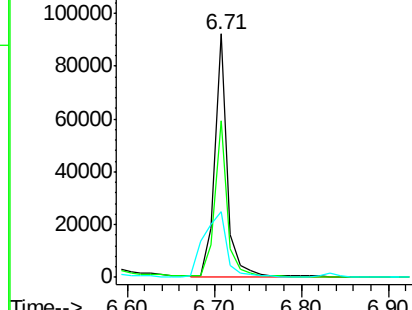
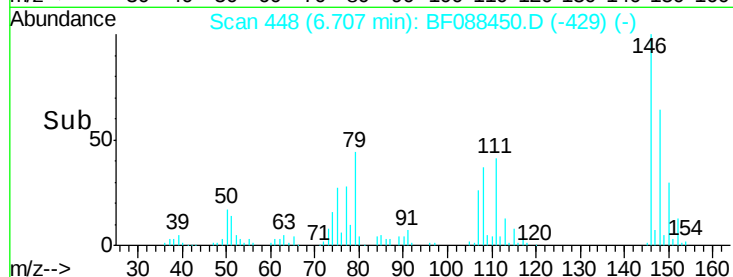
75 26.8 25.6 38.4



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: 5.27 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.15 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

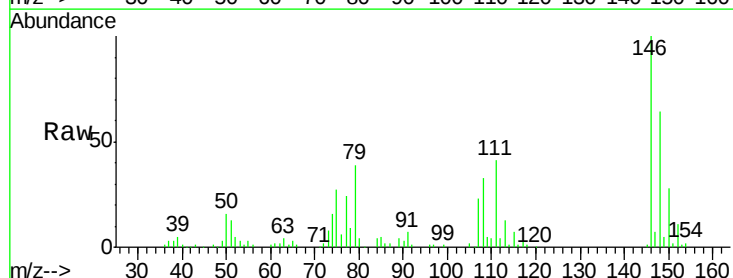
Tgt Ion:146 Resp: 95734

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

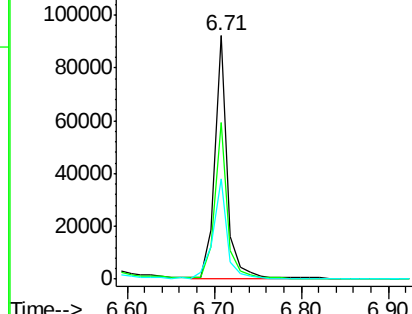
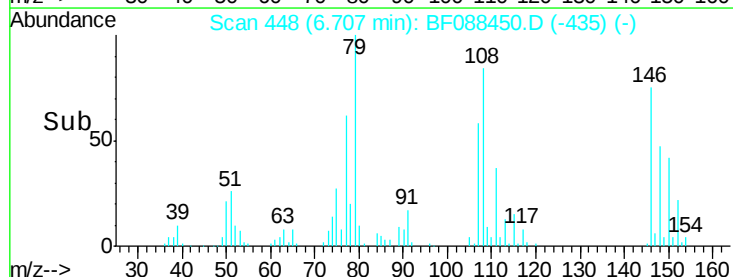
111 41.2 33.8 50.8



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

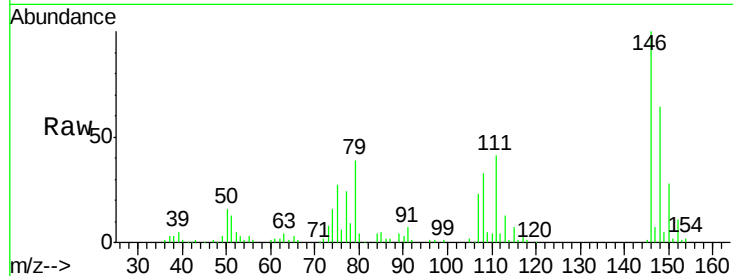




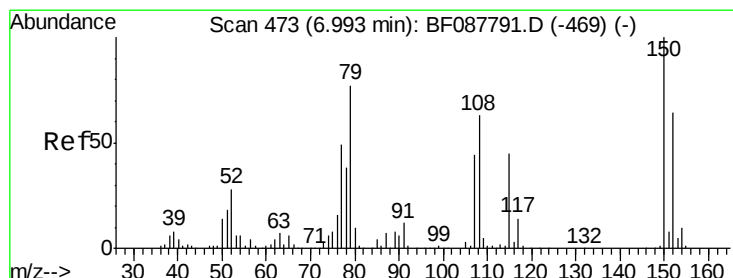
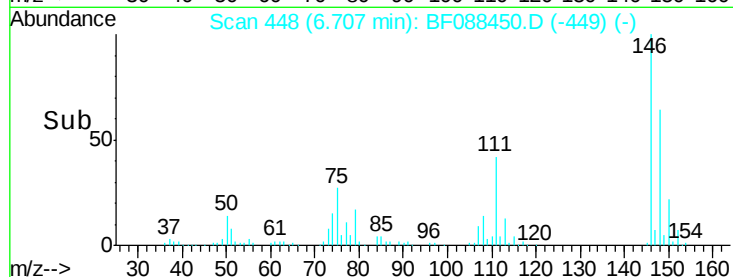
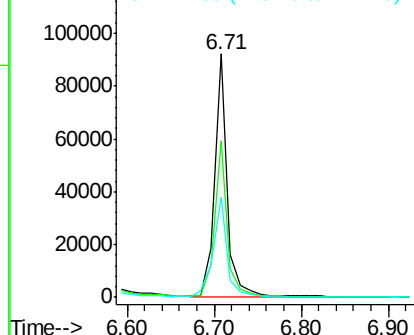
#14
 1,2-Dichlorobenzene
 Concen: 5.79 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.31 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 95734
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.3 78.5
 111 41.2 28.7 43.1

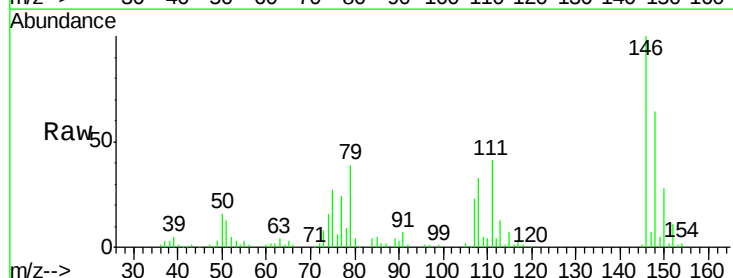


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

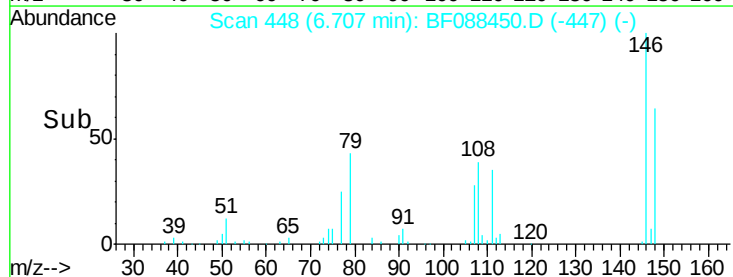
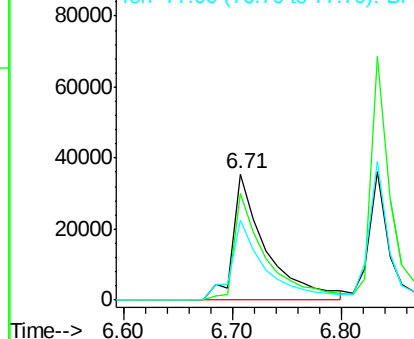


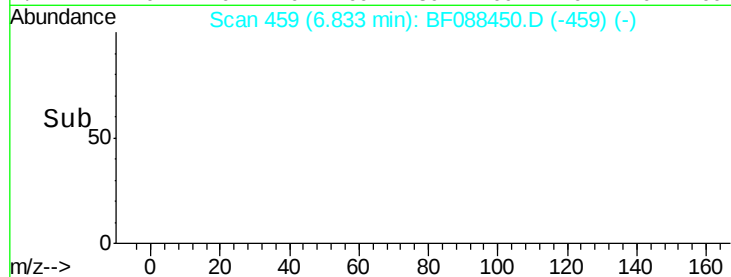
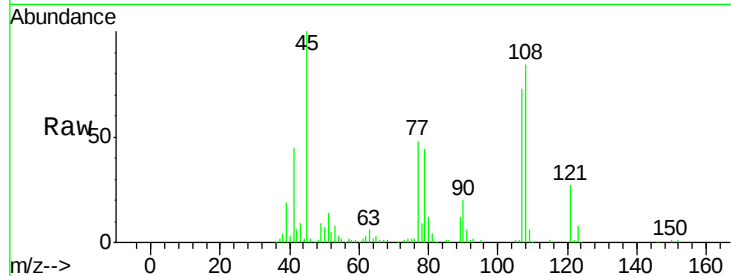
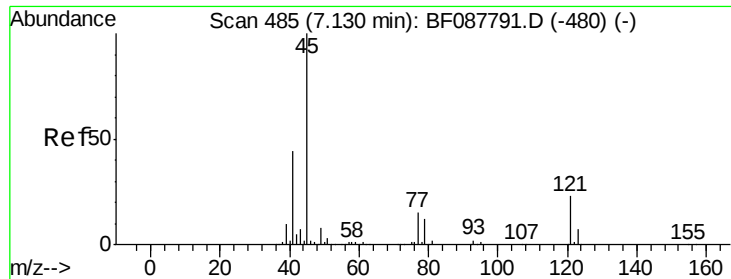
#15
 Benzyl Alcohol
 Concen: 5.55 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.29 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion: 79 Resp: 74725
 Ion Ratio Lower Upper
 79 100
 108 84.6 65.0 97.6
 77 63.5 50.3 75.5



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

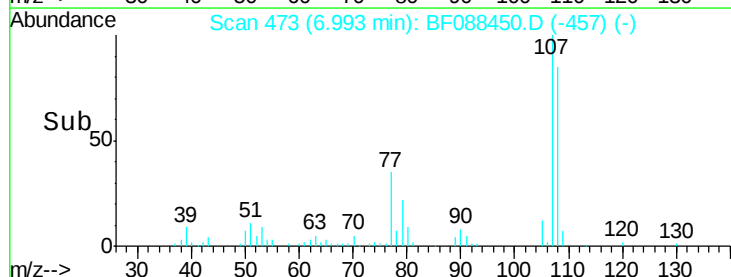
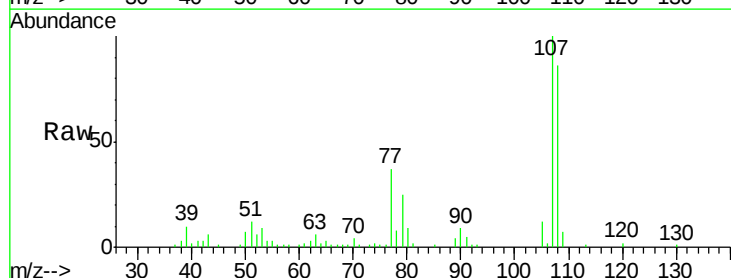
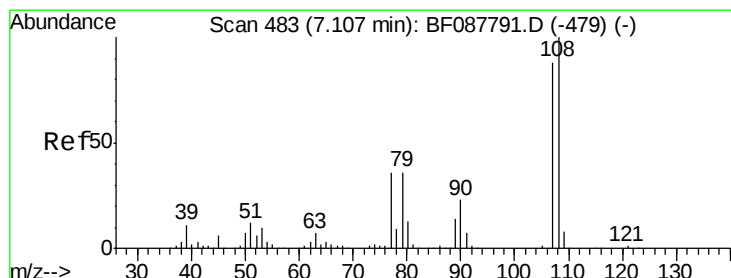
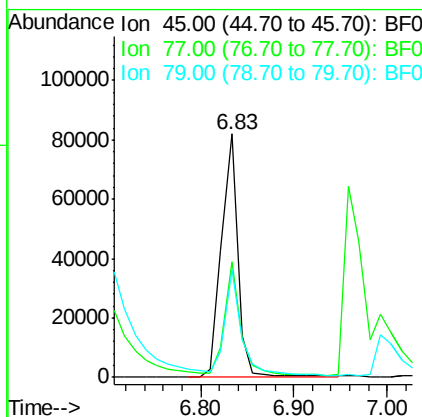




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 4.95 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.30 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

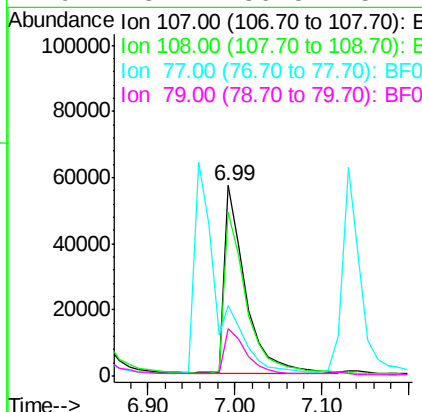
Instrument :
BNA_F
ClientSampleId :

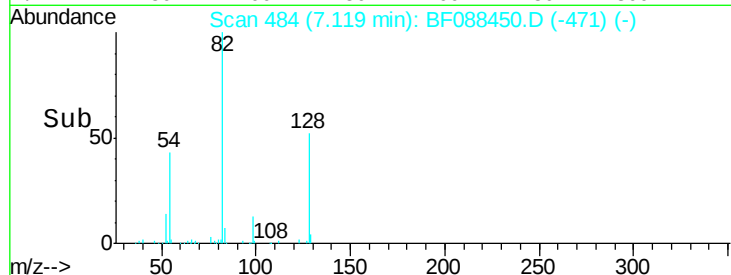
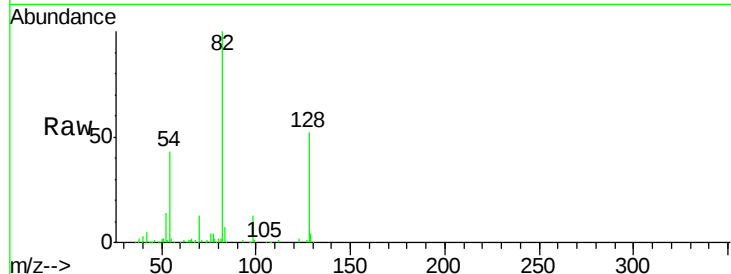
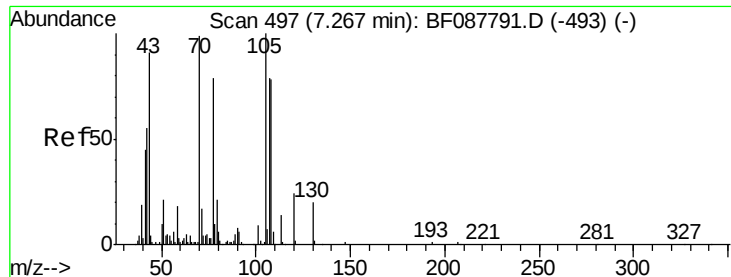
Tot Ion: 45 Resp: 101034
Ion Ratio Lower Upper
45 100
77 47.6 0.0 32.5#
79 44.2 0.0 29.5#



#17
2-Methylphenol
Concen: 7.07 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.11 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion: 107 Resp: 96427
Ion Ratio Lower Upper
107 100
108 85.9 90.9 136.3#
77 37.1 36.6 55.0
79 25.1 36.5 54.7#

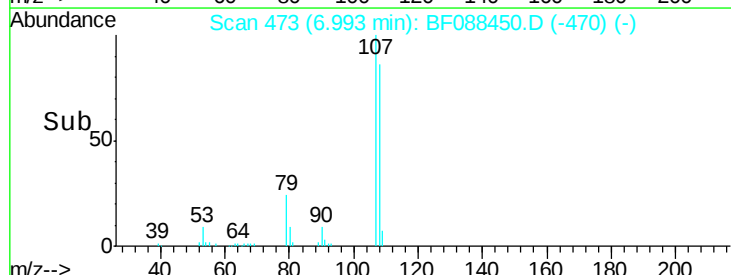
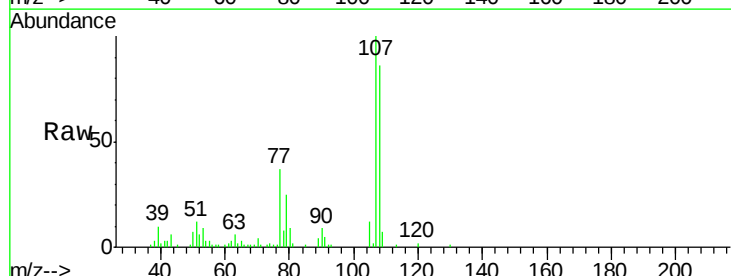
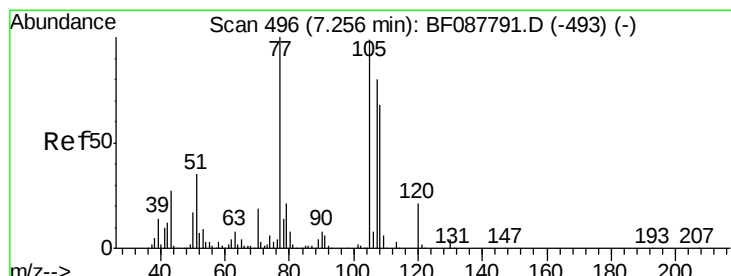
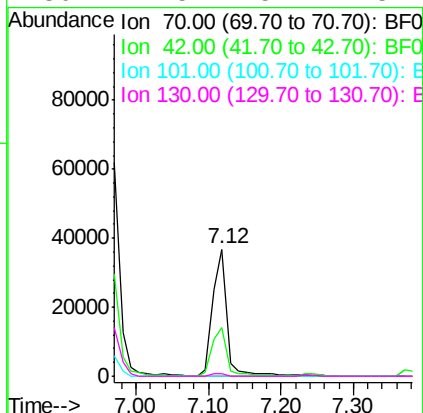




#19
n-Nitroso-di-n-propylamine
Concen: 4.61 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.15 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

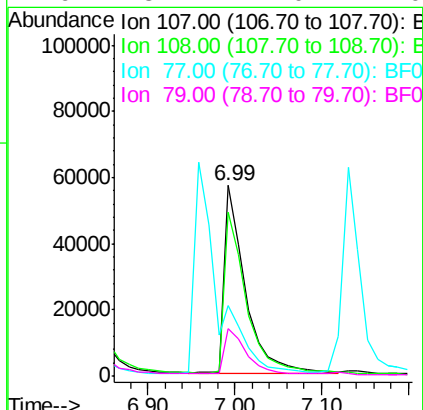
Instrument :
BNA_F
ClientSampleId :

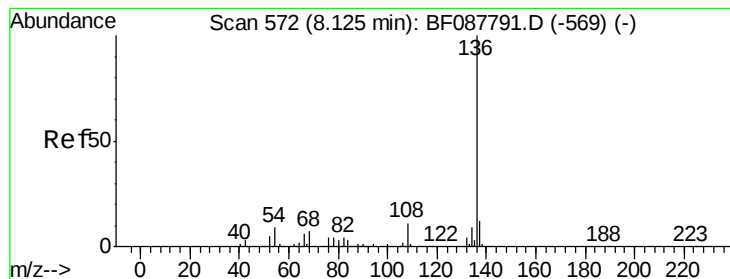
Tot Ion:	70	Resp:	50789
Ion	Ratio	Lower	Upper
70	100		
42	38.6	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#



#20
3+4-Methylphenols
Concen: 6.03 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.26 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion:	107	Resp:	95989
Ion	Ratio	Lower	Upper
107	100		
108	85.9	67.8	107.8
77	37.1	59.3	99.3#
79	25.1	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.30 min

Lab File: BF088450.D

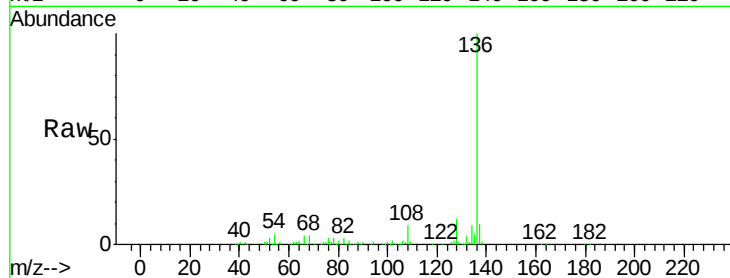
Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	272771
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.1 13.7
54	5.0	6.6 10.0#
68	4.4	5.1 7.7#



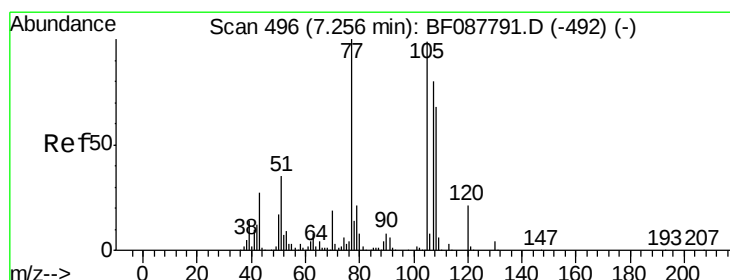
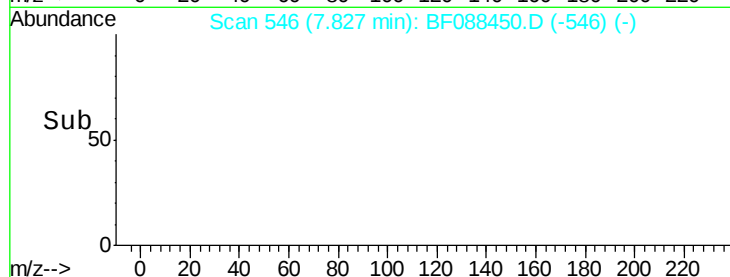
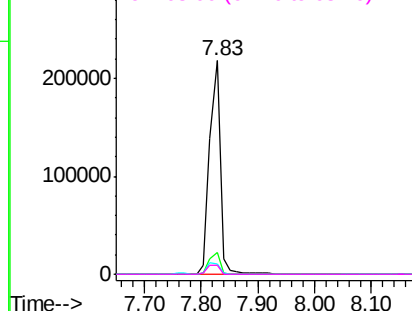
Abundance

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: 23.11 ng

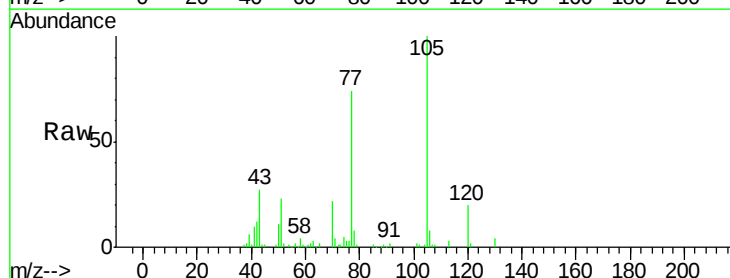
RT: 6.96 min Scan# 470

Delta R.T. -0.30 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:105	Resp:	140846
Ion Ratio	Lower	Upper
105	100	
71	3.9	5.3 7.9#
51	23.2	18.2 27.4
120	20.4	18.0 27.0



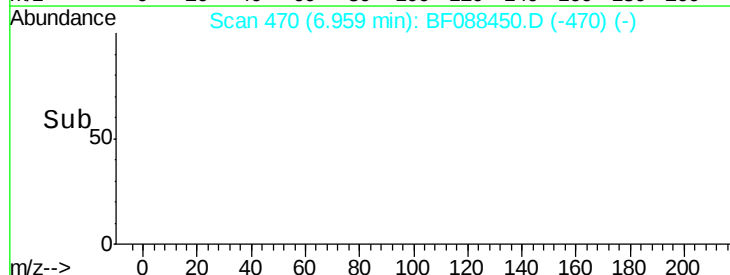
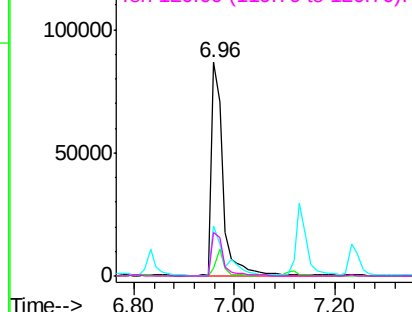
Abundance

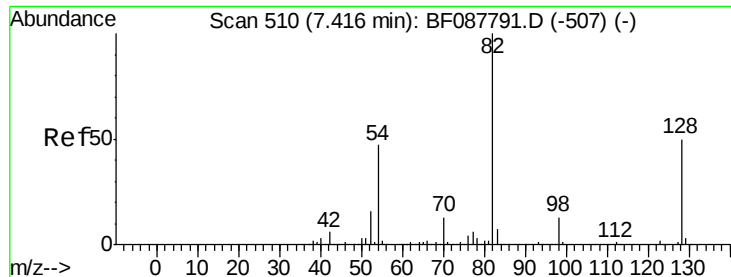
Ion 105.00 (104.70 to 105.70): E

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

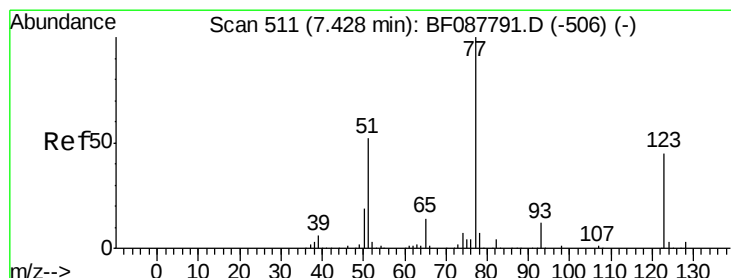
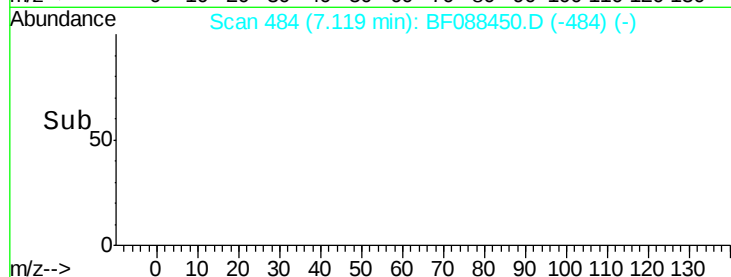
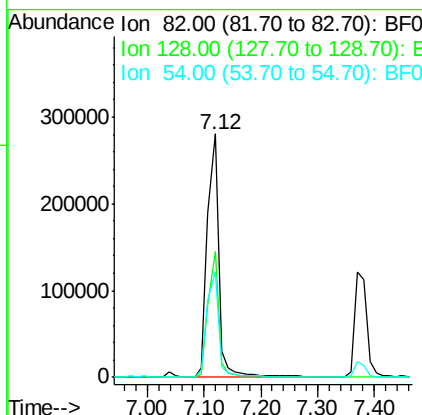
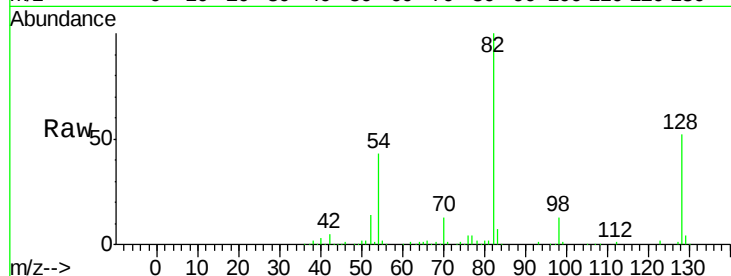




#23
 Nitrobenzene-d5
 Concen: 82.01 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.30 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

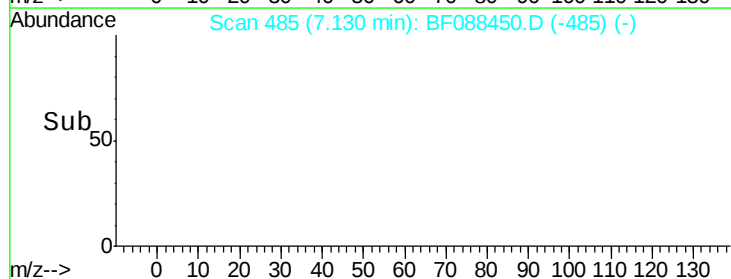
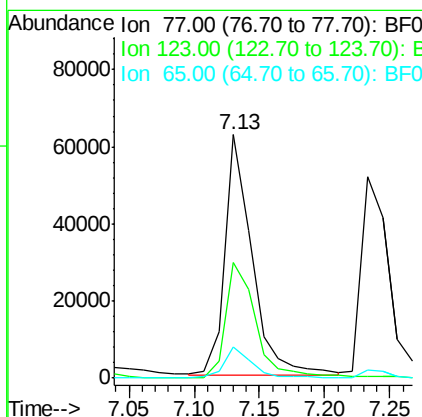
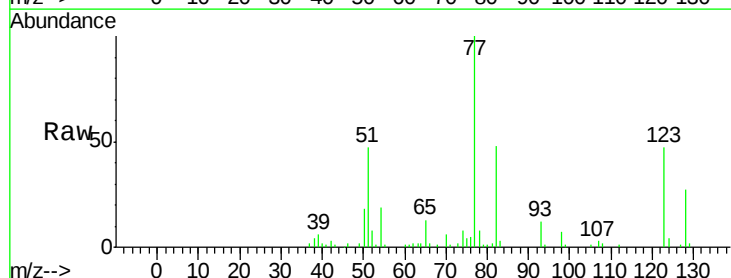
Instrument :
 BNA_F
 ClientSampleId :

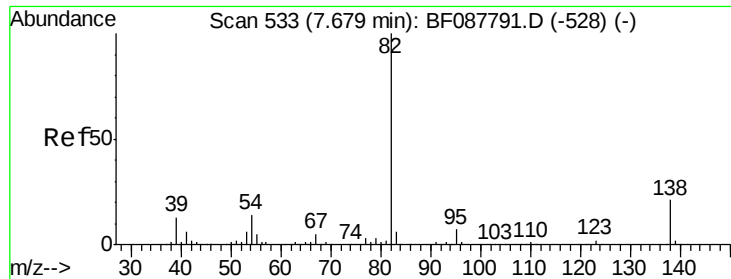
Tot Ion	82	Resp	383090
Ion Ratio	Lower	Upper	
82	100		
128	51.7	35.9	53.9
54	43.1	40.9	61.3



#24
 Nitrobenzene
 Concen: 20.21 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.30 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	77	Resp	91434
Ion Ratio	Lower	Upper	
77	100		
123	47.5	45.0	67.4
65	12.8	10.2	15.2





#25

Isophorone

Concen: 20.74 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.31 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

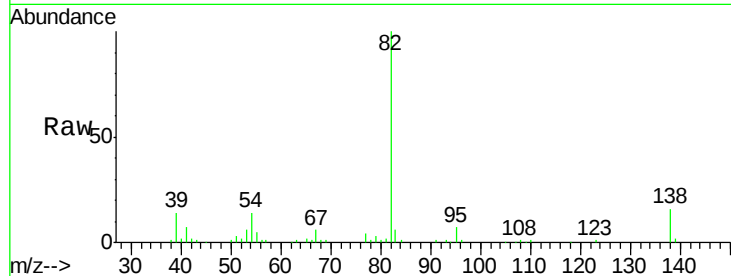
Tot Ion: 82 Resp: 179434

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

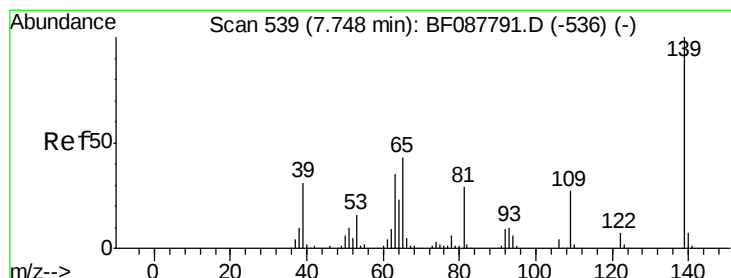
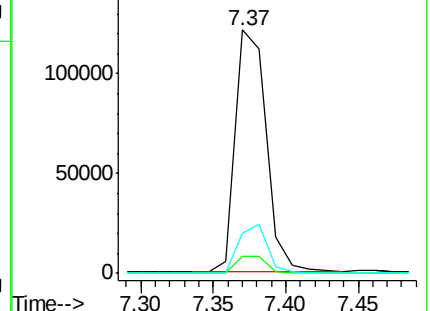
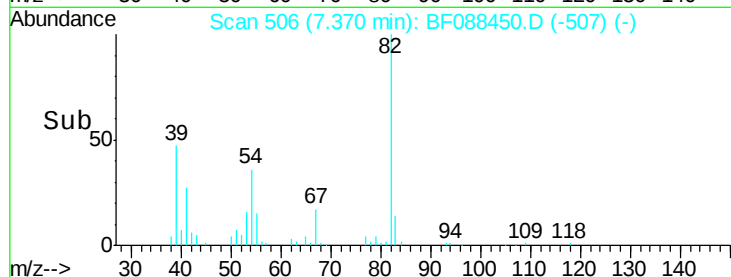
138 16.2 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 22.31 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.30 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

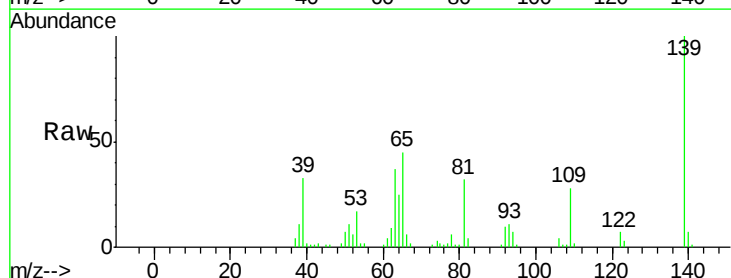
Tgt Ion:139 Resp: 54079

Ion Ratio Lower Upper

139 100

109 27.6 23.0 34.4

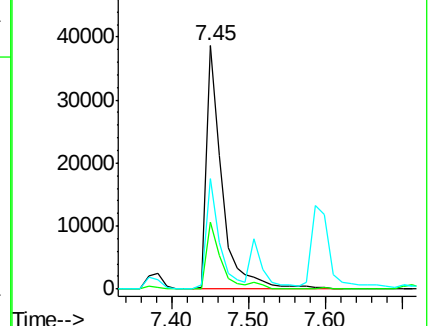
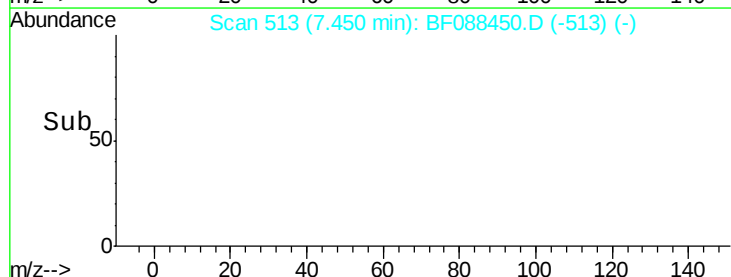
65 45.5 45.8 68.8#

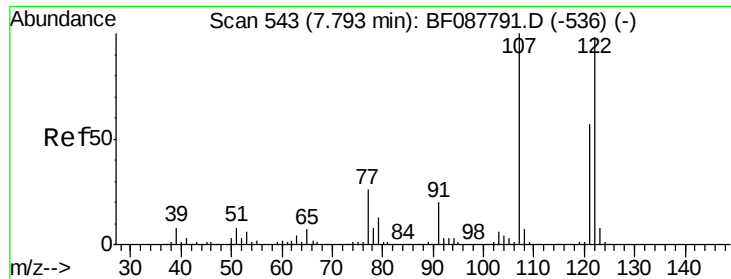


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 20.41 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.29 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampled :

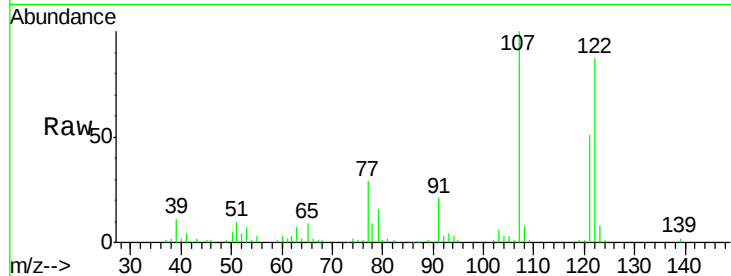
Tot Ion:122 Resp: 91086

Ion Ratio Lower Upper

122 100

107 115.2 82.4 123.6

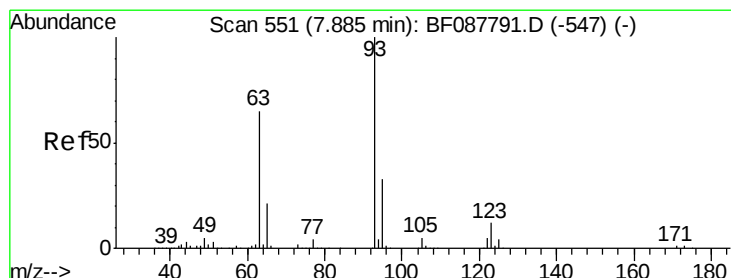
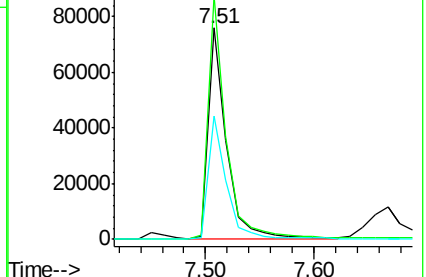
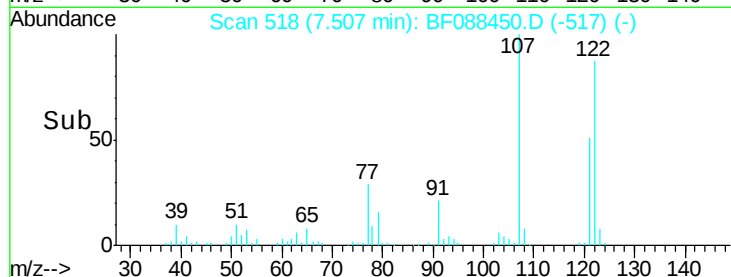
121 58.3 46.3 69.5



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: 21.04 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.29 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

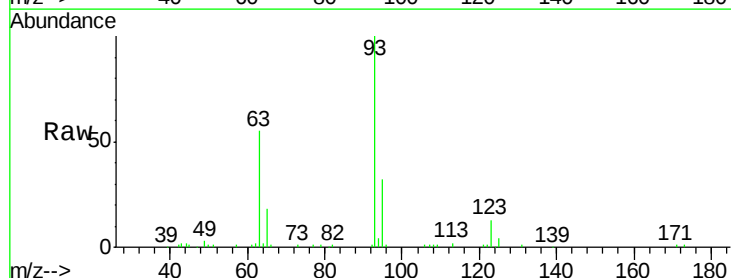
Tgt Ion: 93 Resp: 112901

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

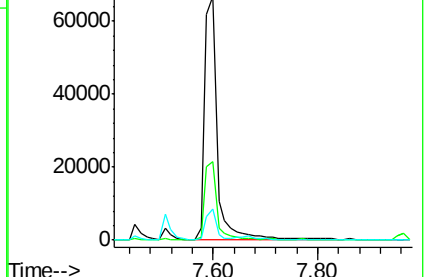
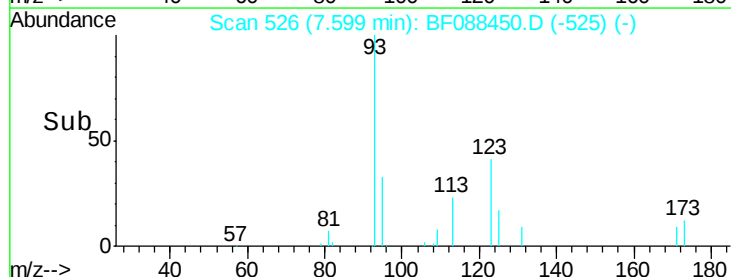
123 12.8 11.6 17.4

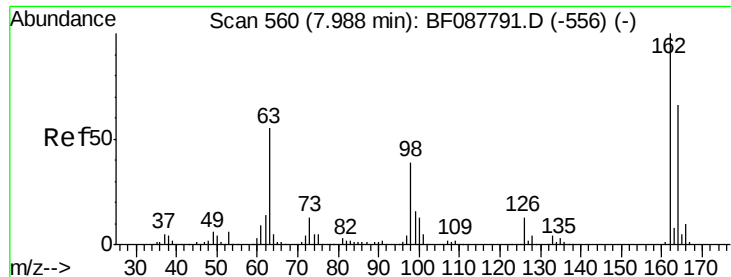


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

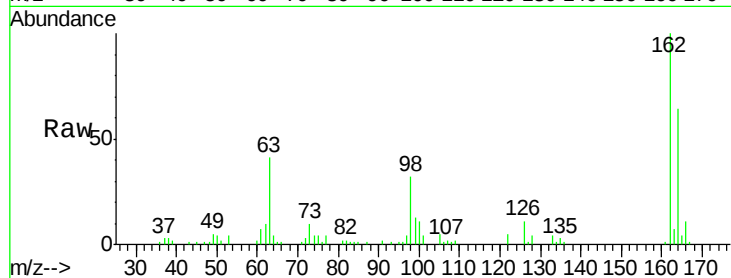




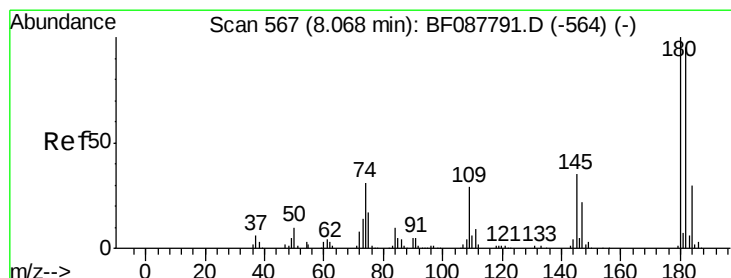
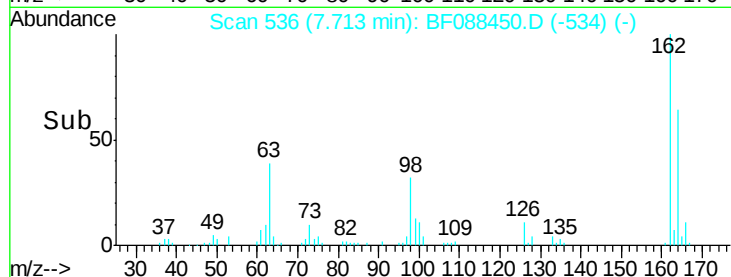
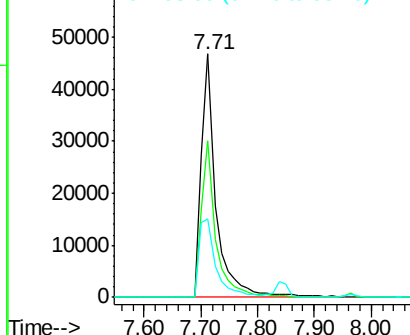
#29
 2,4-Dichlorophenol
 Concen: 22.00 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.27 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.8	83.8
98	32.0	21.3	61.3

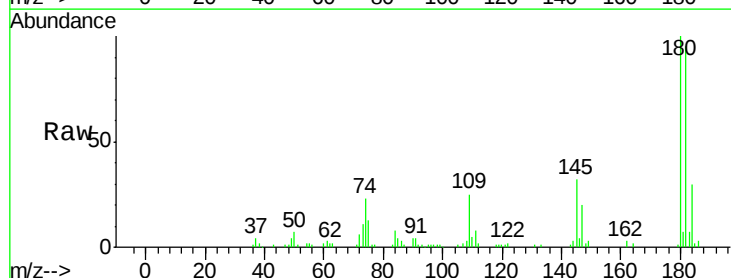


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

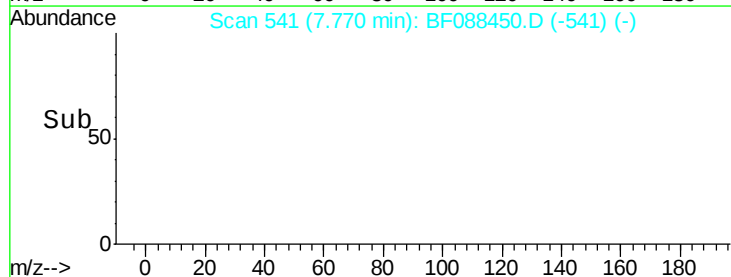
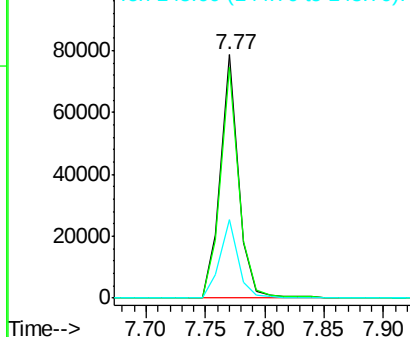


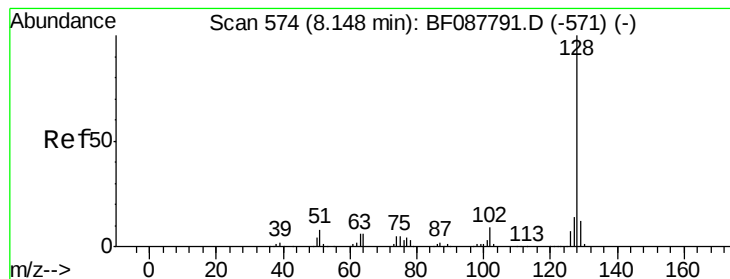
#30
 1,2,4-Trichlorobenzene
 Concen: 20.61 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.30 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	32.4	26.5	39.7



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: 24.03 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.30 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampled :

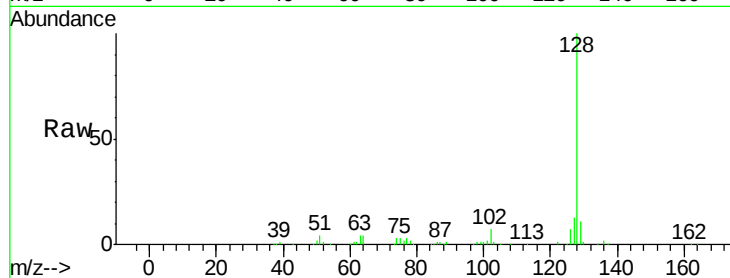
Tot Ion:128 Resp: 324317

Ion Ratio Lower Upper

128 100

129 10.6 9.4 14.2

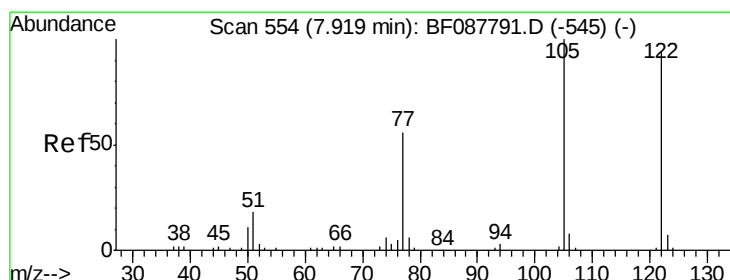
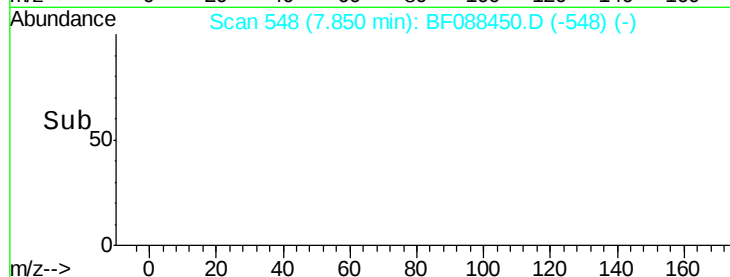
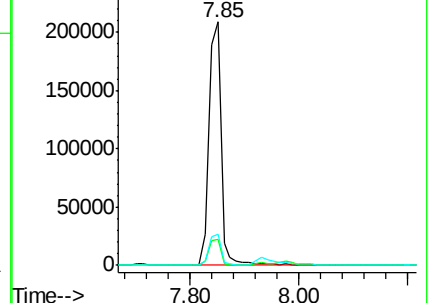
127 13.0 10.9 16.3



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: 11.86 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.25 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

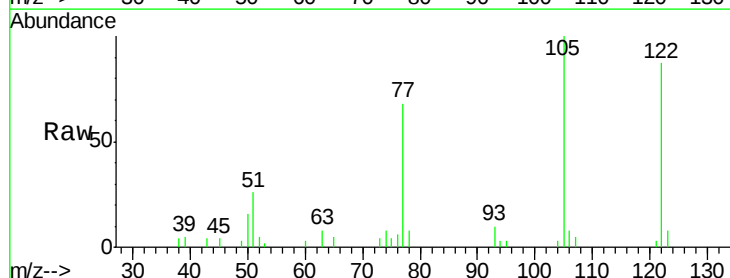
Tgt Ion:122 Resp: 29136

Ion Ratio Lower Upper

122 100

105 115.1 101.6 141.6

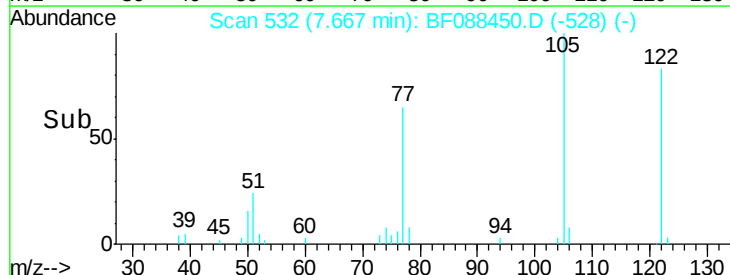
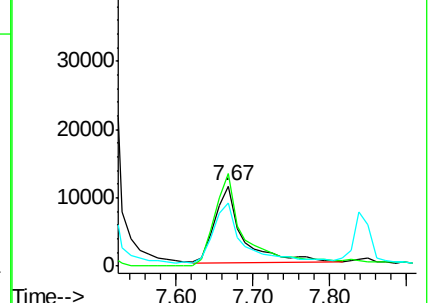
77 78.3 70.6 110.6

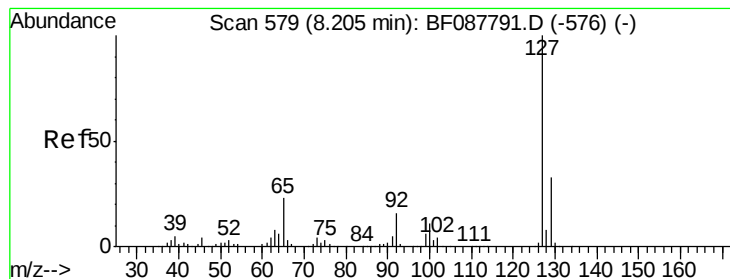


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 3.81 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.27 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 22941

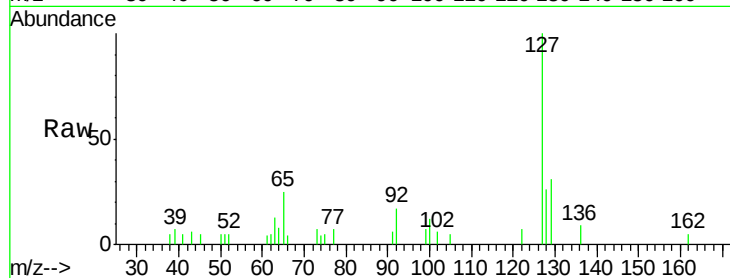
Ion Ratio Lower Upper

127 100

129 30.7 26.3 39.5

65 25.2 24.7 37.1

92 17.2 15.4 23.0

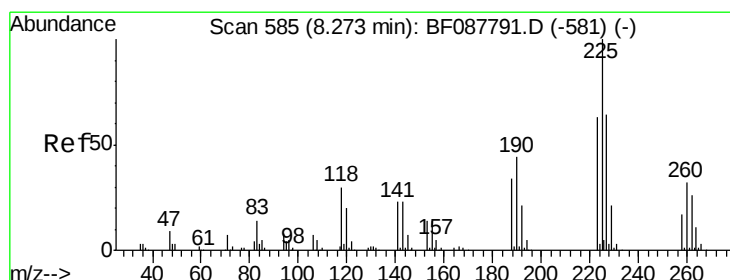
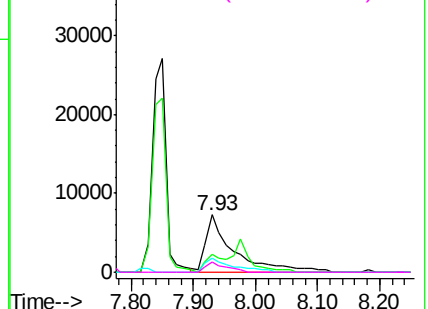
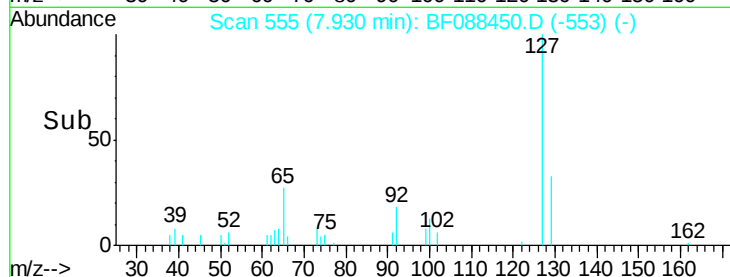


Abundance Ion 127.00 (126.70 to 127.70): E

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: 20.97 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.31 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

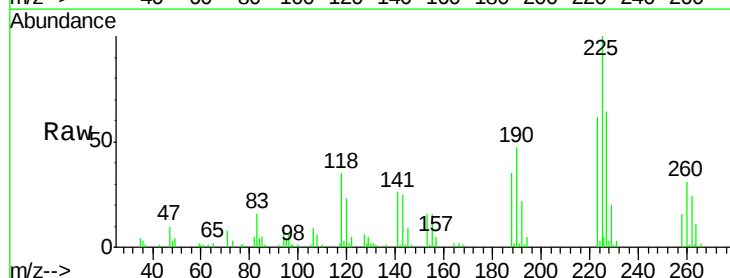
Tgt Ion:225 Resp: 44862

Ion Ratio Lower Upper

225 100

223 62.3 50.9 76.3

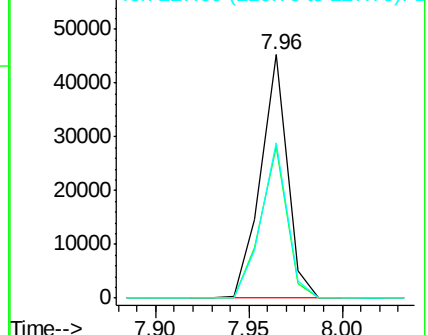
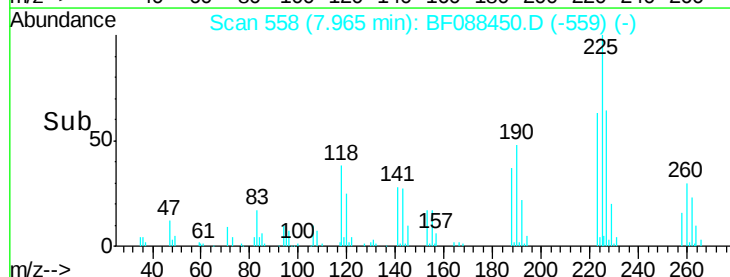
227 63.7 51.9 77.9

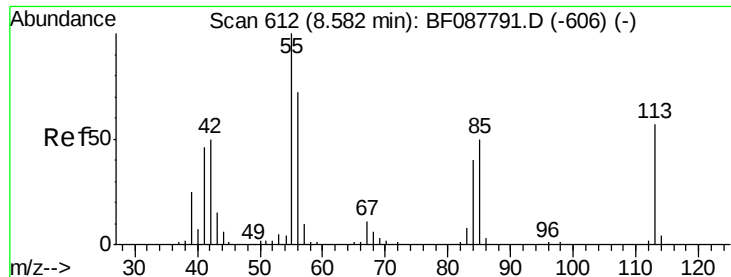


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

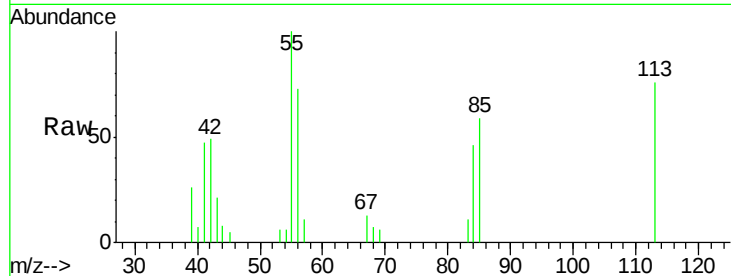




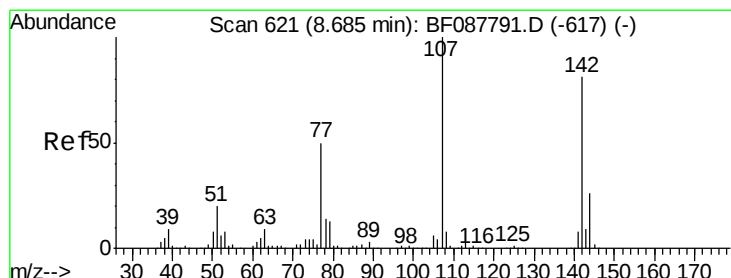
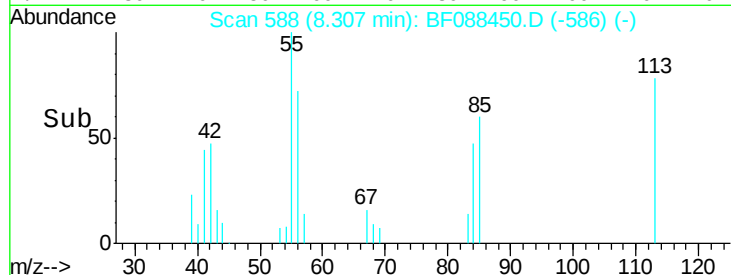
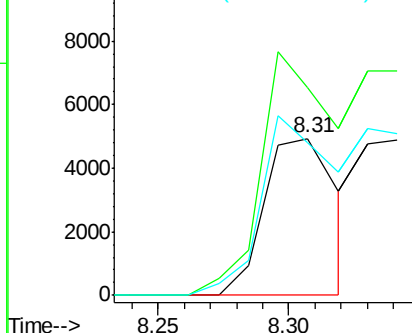
#35
Caprolactam
Concen: 7.72 ng
RT: 8.31 min Scan# 588
Delta R.T. -0.27 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 9524
Ion Ratio Lower Upper
113 100
55 132.4 158.6 198.6#
56 97.0 110.6 150.6#

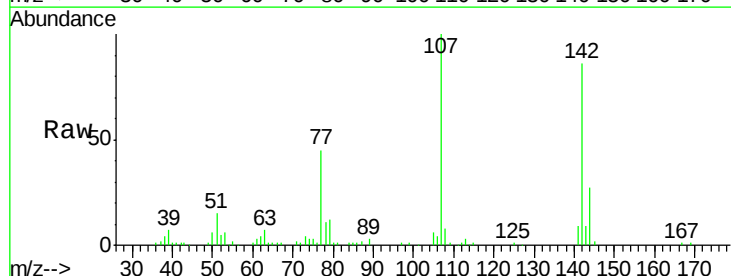


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

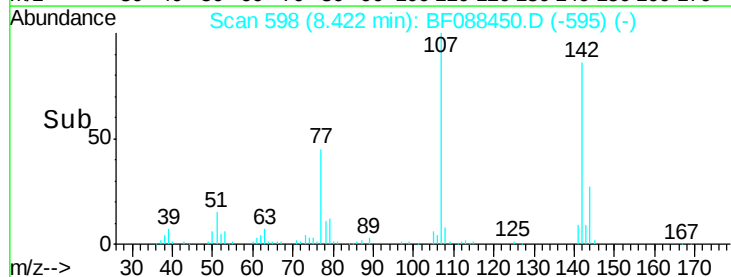
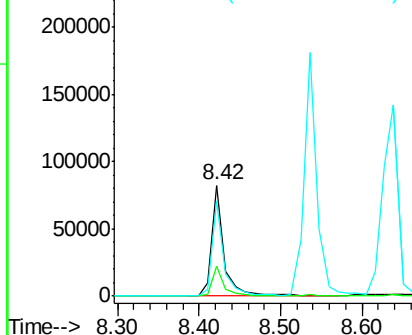


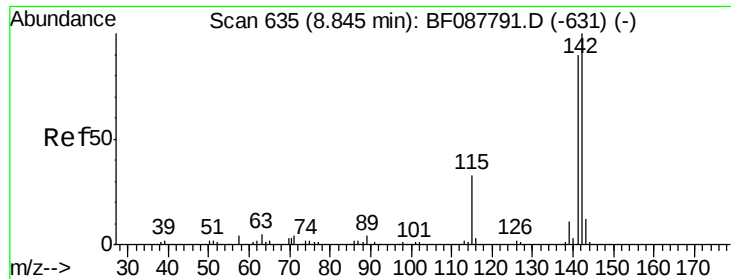
#36
4-Chloro-3-methylphenol
Concen: 22.55 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.26 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion:107 Resp: 89850
Ion Ratio Lower Upper
107 100
144 27.4 20.8 31.2
142 85.9 63.4 95.2



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

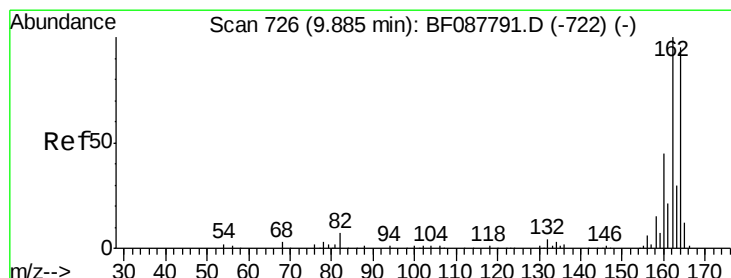
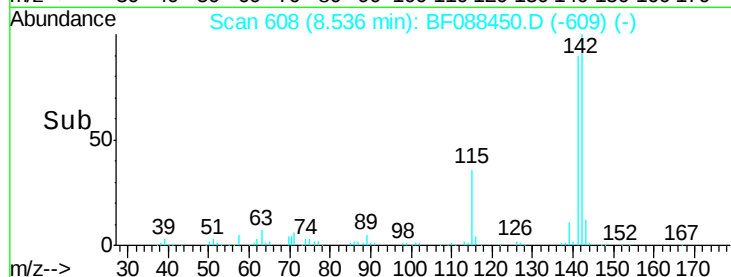
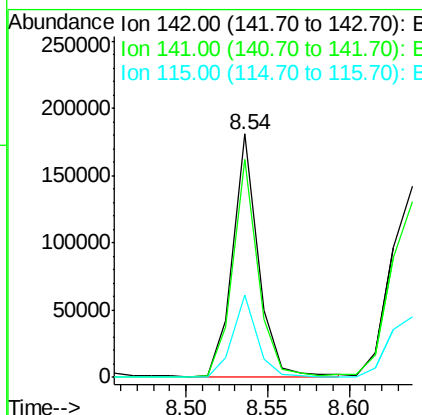
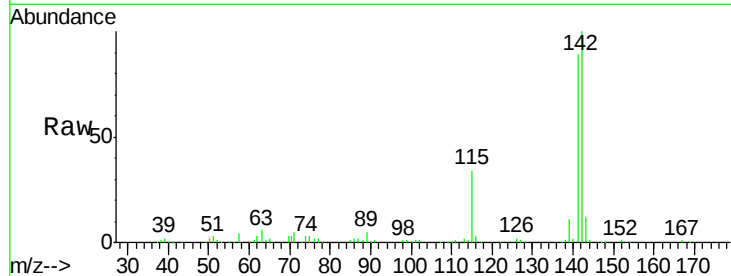




#37
 2-Methylnaphthalene
 Concen: 22.14 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.31 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

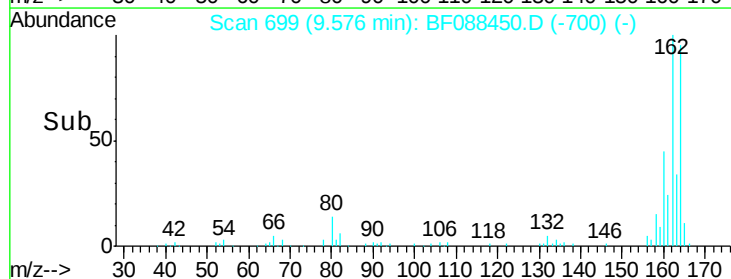
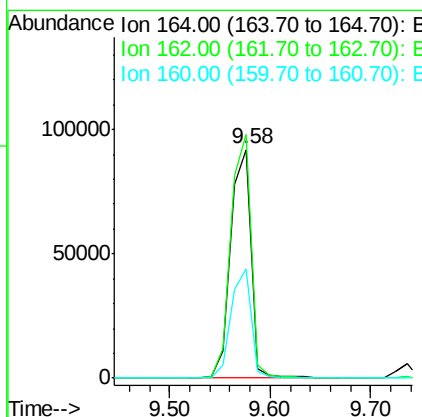
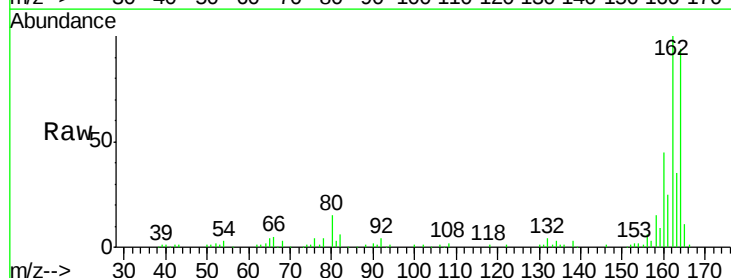
Instrument :
 BNA_F
 ClientSampled :

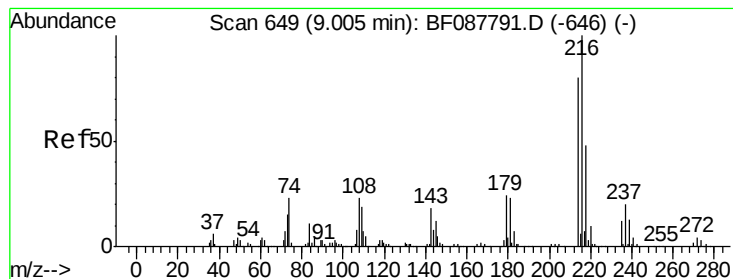
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	33.7	22.6	33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.31 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.4	128.2
160	47.8	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.20 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.30 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 84983

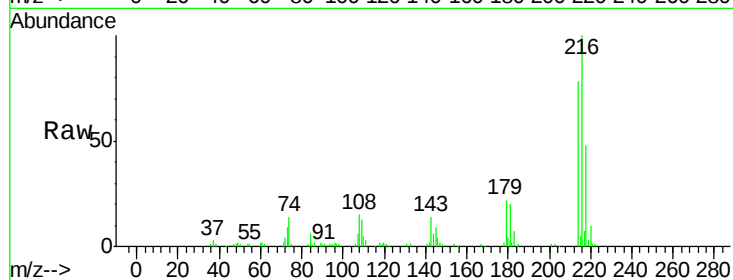
Ion Ratio Lower Upper

216 100

214 79.3 2.9 4.3#

179 21.7 0.0 0.0#

108 20.9 0.5 0.7#

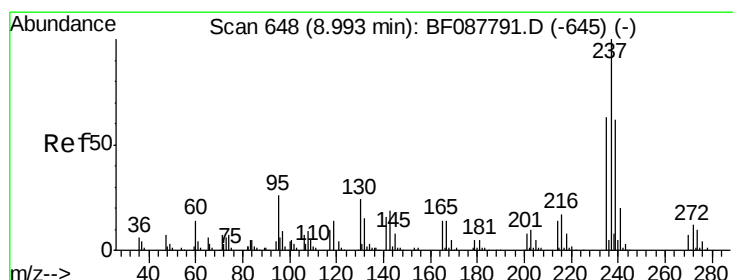
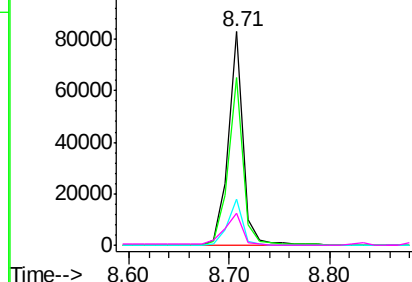
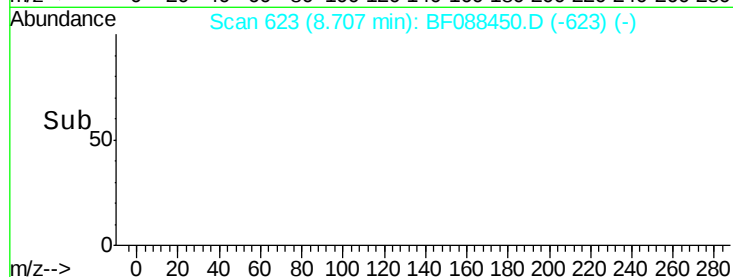


Abundance Ion 216.00 (215.70 to 216.70): E

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: 10.74 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.31 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

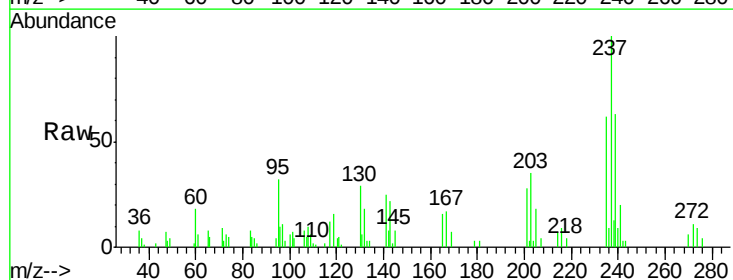
Tgt Ion:237 Resp: 22408

Ion Ratio Lower Upper

237 100

235 62.0 43.4 83.4

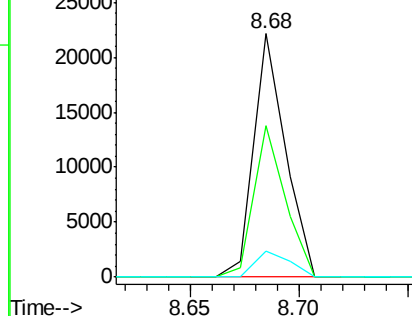
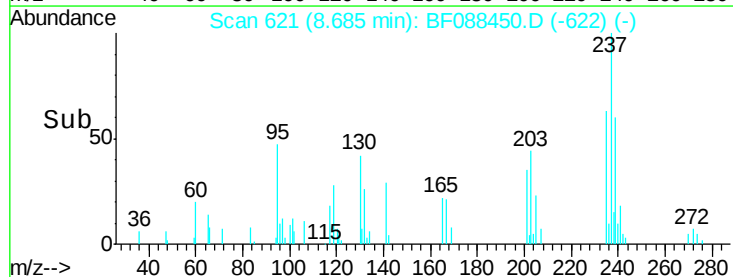
272 10.6 0.0 32.3

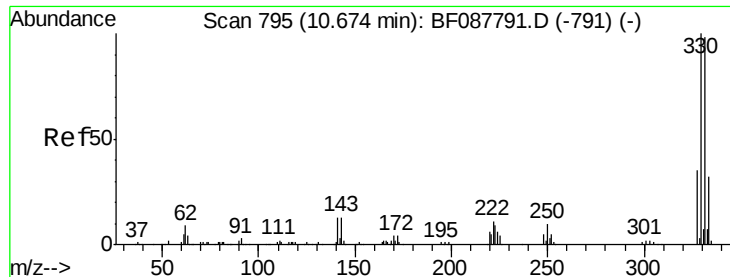


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

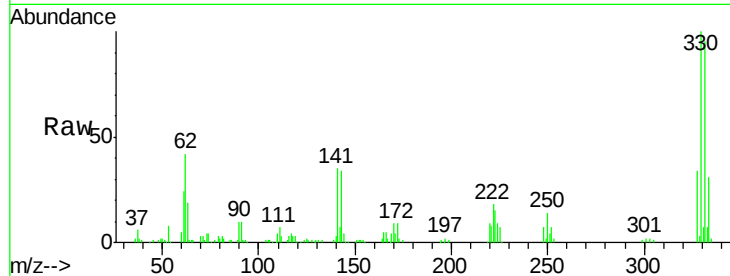




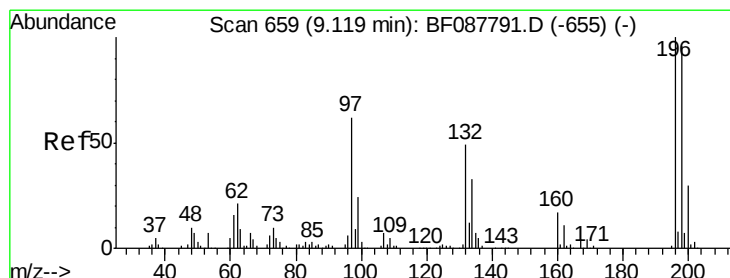
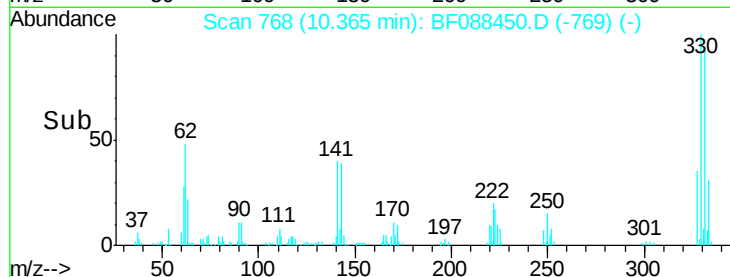
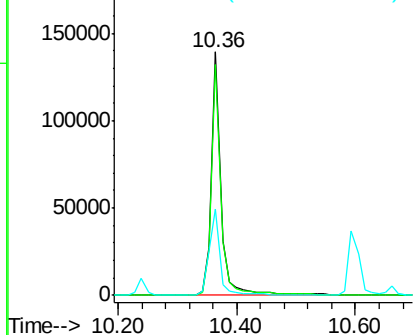
#41
 2,4,6-Tribromophenol
 Concen: 115.30 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.31 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	40.9	0.0	0.0#



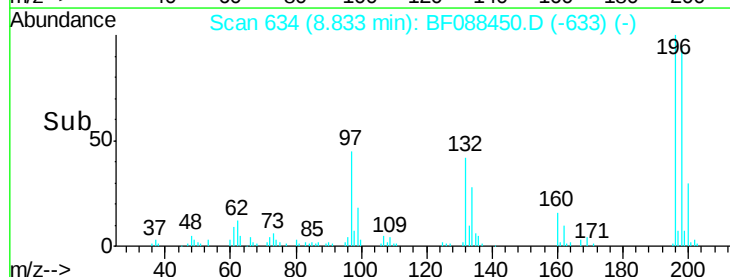
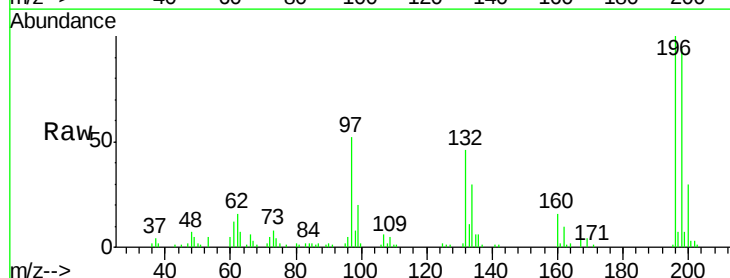
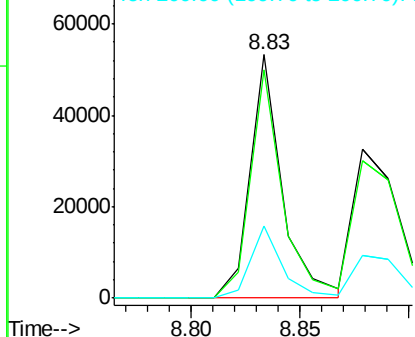
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

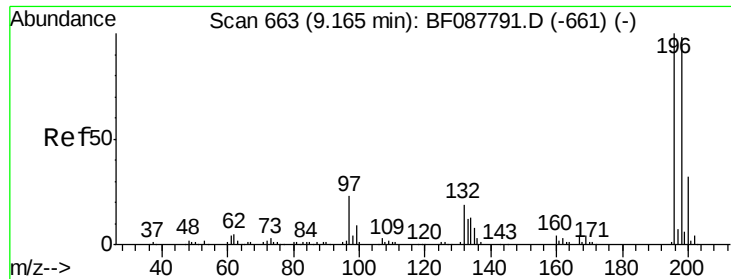


#42
 2,4,6-Trichlorophenol
 Concen: 21.11 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.29 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	78.0	117.0
200	29.7	25.4	38.2

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

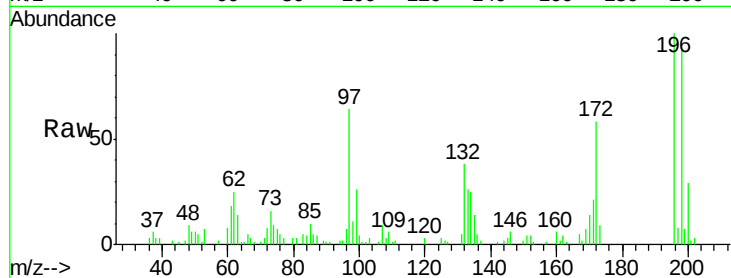




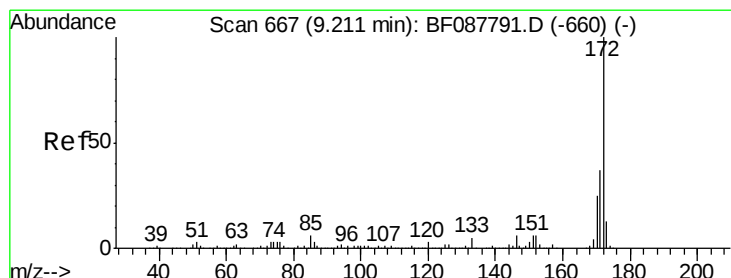
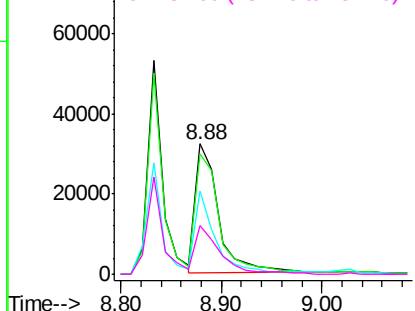
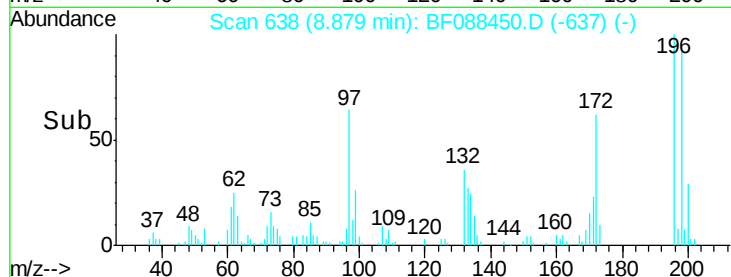
#43
2,4,5-Trichlorophenol
Concen: 19.63 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.29 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 52839
Ion Ratio Lower Upper
196 100
198 92.2 77.5 116.3
97 63.5 32.0 48.0#
132 37.6 20.9 31.3#

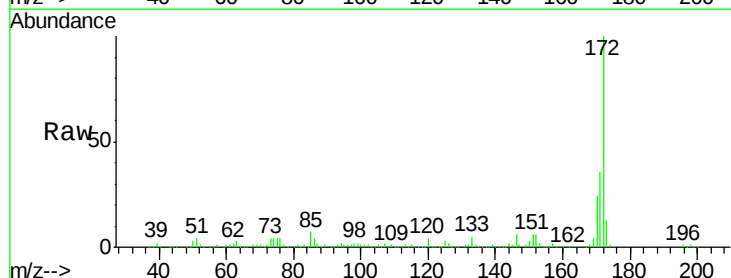


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

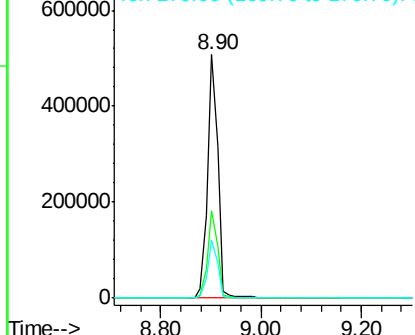
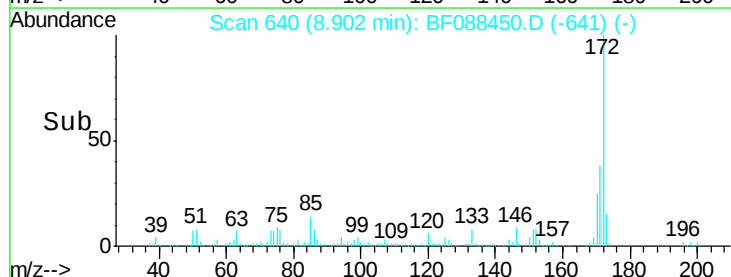


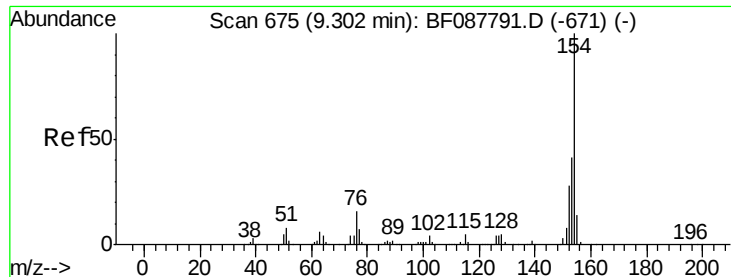
#44
2-Fluorobiphenyl
Concen: 88.76 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.31 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion:172 Resp: 729117
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.7 19.2 28.8



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: 23.37 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.30 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

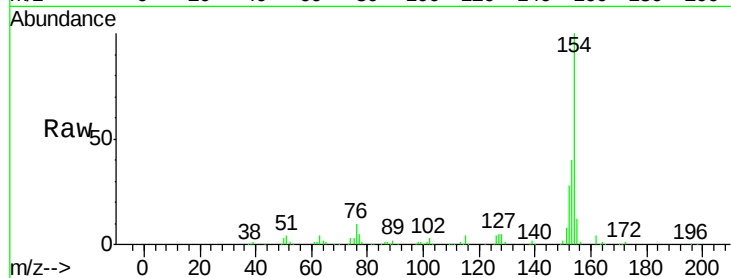
Tot Ion:154 Resp: 256005

Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

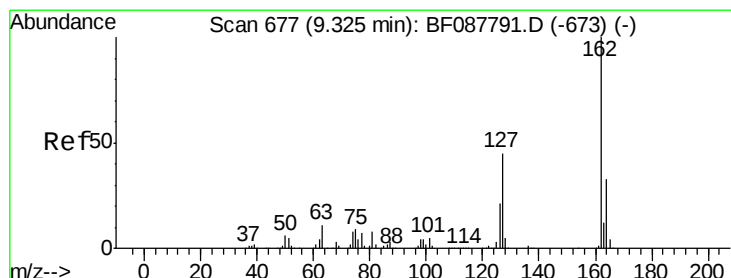
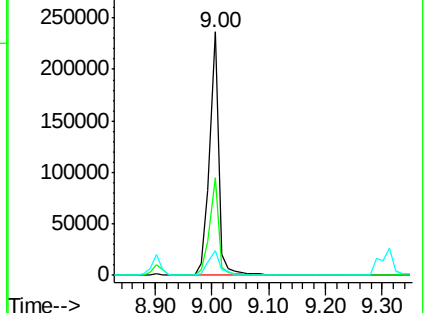
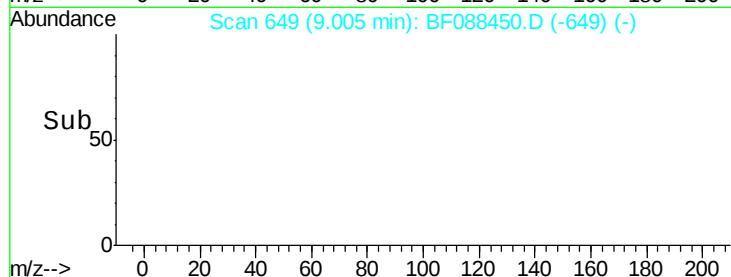
76 10.1 0.0 35.1



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): E



#46

2-Chloronaphthalene

Concen: 22.83 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.30 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

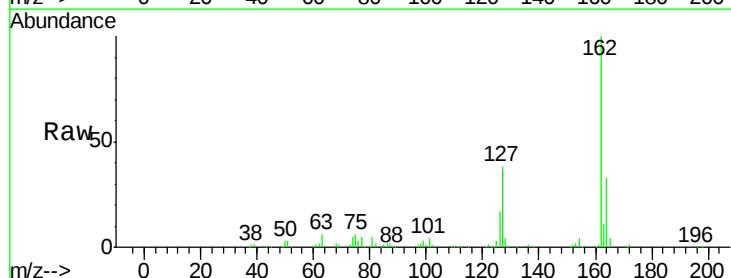
Tgt Ion:162 Resp: 191186

Ion Ratio Lower Upper

162 100

127 37.9 35.2 52.8

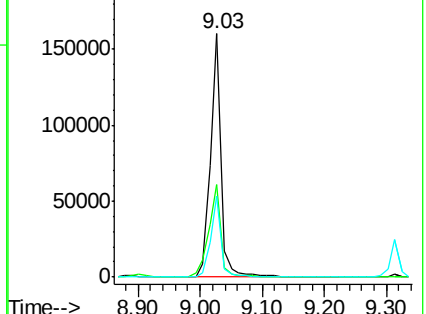
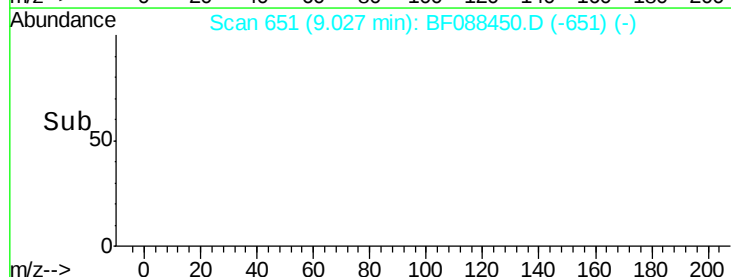
164 33.1 26.6 39.8

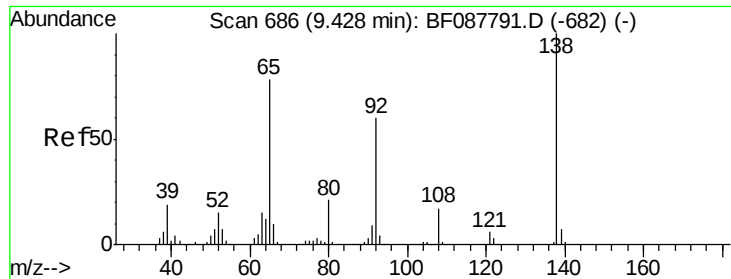


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

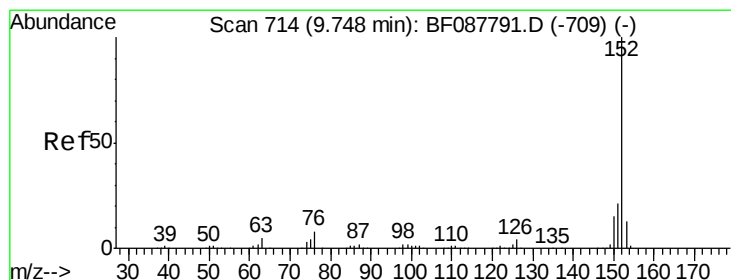
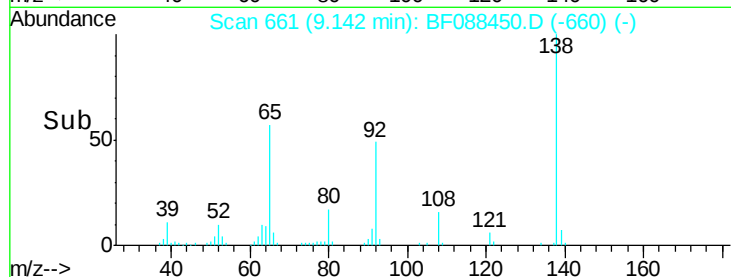
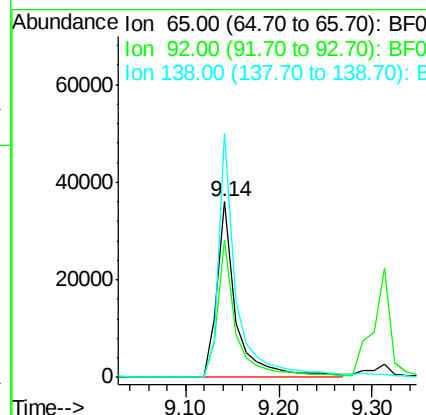
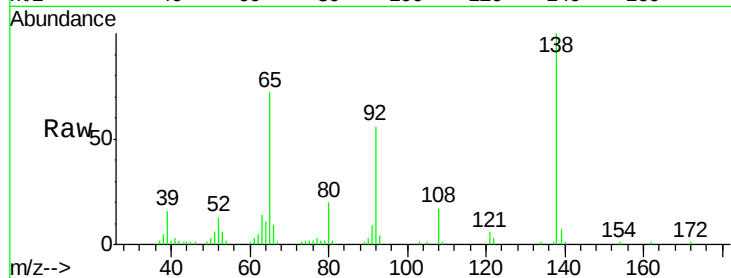




#47
 2-Nitroaniline
 Concen: 21.19 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.29 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

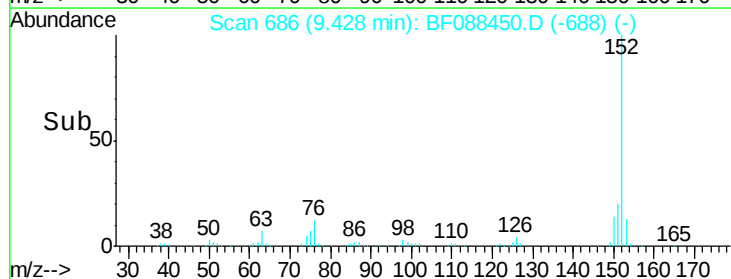
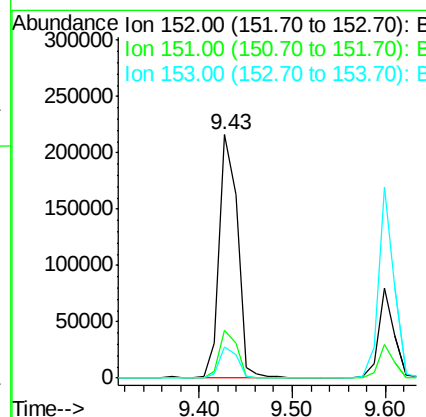
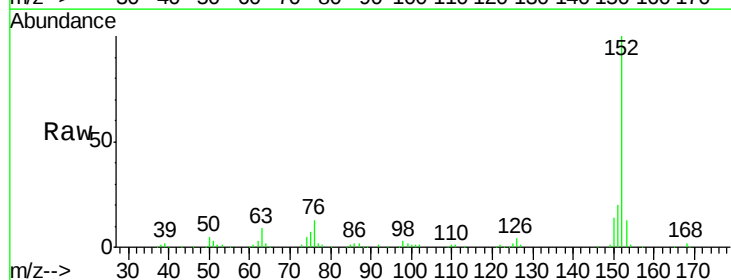
Instrument :
 BNA_F
 ClientSampleID :

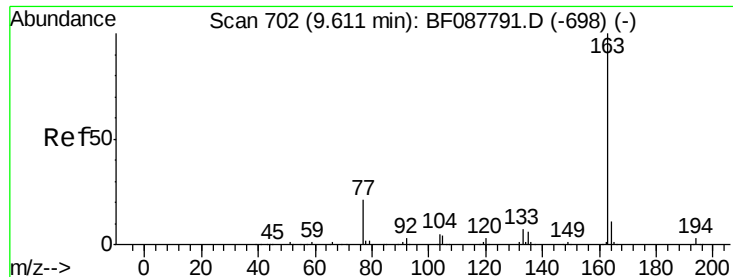
Tot Ion	Ratio	Lower	Upper
65	100		
92	78.3	54.6	82.0
138	138.7	77.0	115.4#



#48
 Acenaphthylene
 Concen: 22.17 ng
 RT: 9.43 min Scan# 686
 Delta R.T. -0.32 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	12.9	11.0	16.6

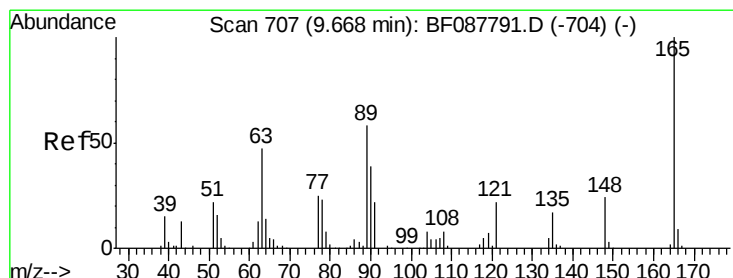
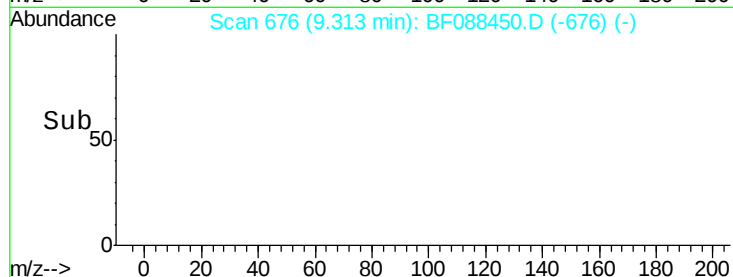
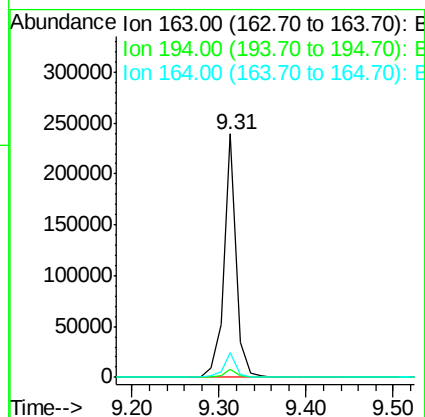
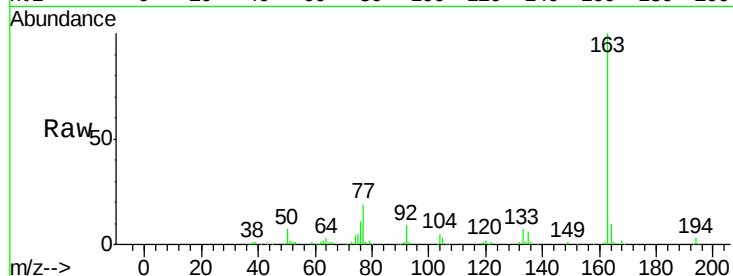




#49
Dimethylphthalate
Concen: 25.18 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.30 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

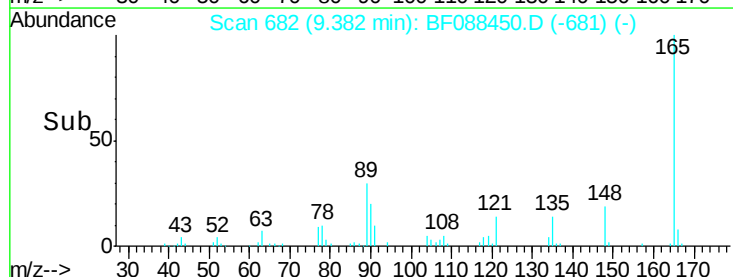
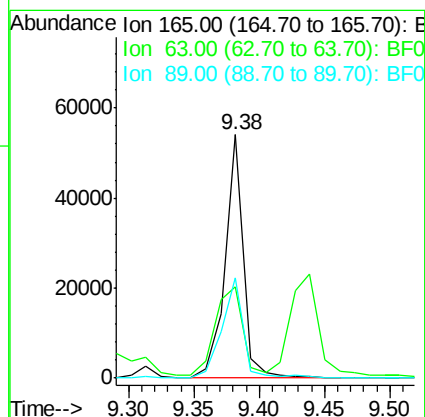
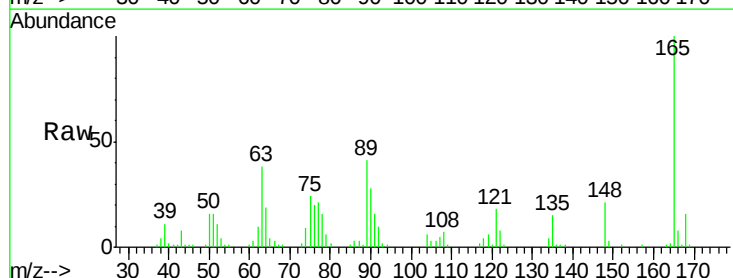
Instrument :
BNA_F
ClientSampled :

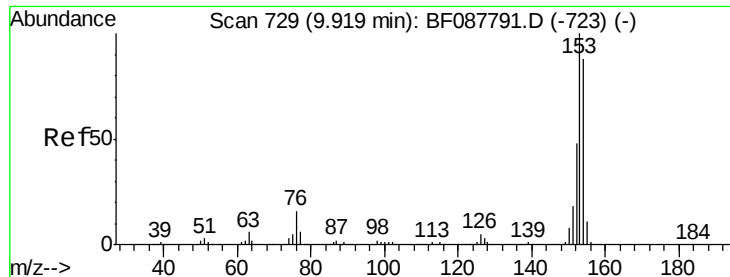
Tot Ion:163 Resp: 236059
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.2 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 24.79 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.29 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion:165 Resp: 53224
Ion Ratio Lower Upper
165 100
63 37.8 28.1 42.1
89 41.0 32.2 48.2





#51

Acenaphthene

Concen: 20.96 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.32 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

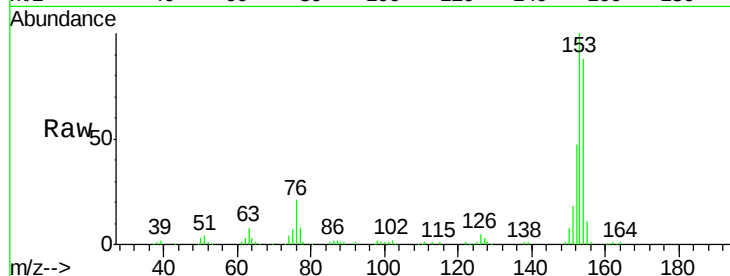
Tot Ion:154 Resp: 174170

Ion Ratio Lower Upper

154 100

153 113.3 89.5 134.3

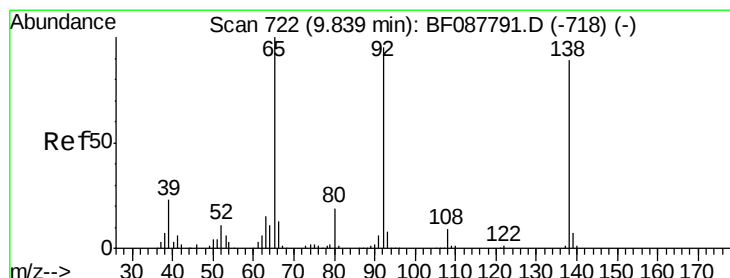
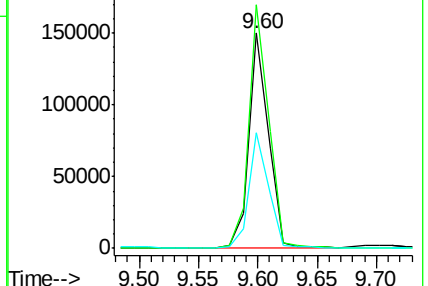
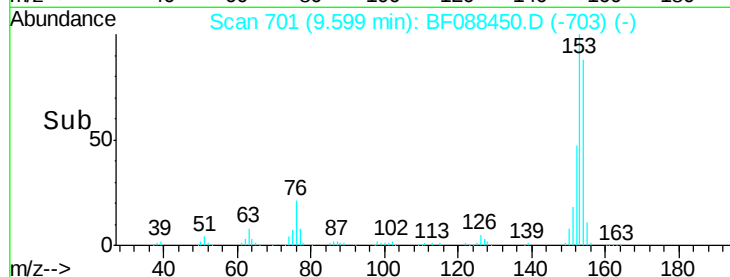
152 53.7 42.7 64.1



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: 6.19 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.27 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

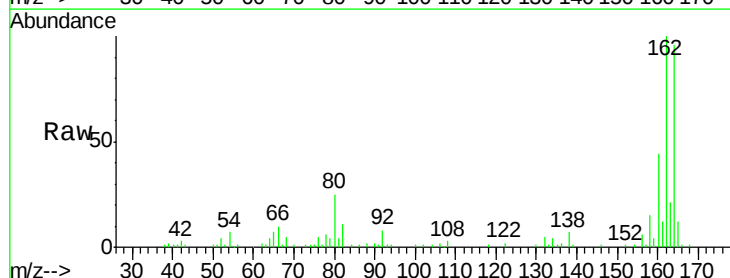
Tgt Ion:138 Resp: 15345

Ion Ratio Lower Upper

138 100

108 40.7 8.5 12.7#

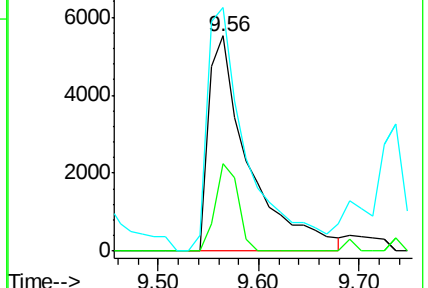
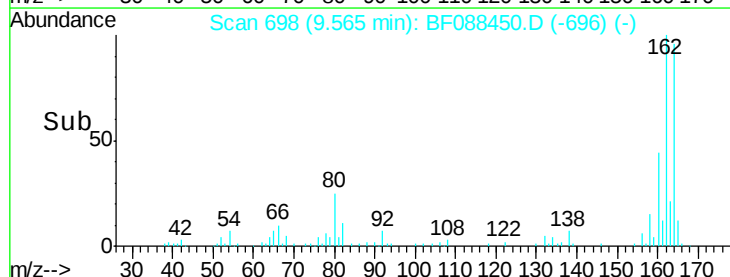
92 113.1 95.7 143.5

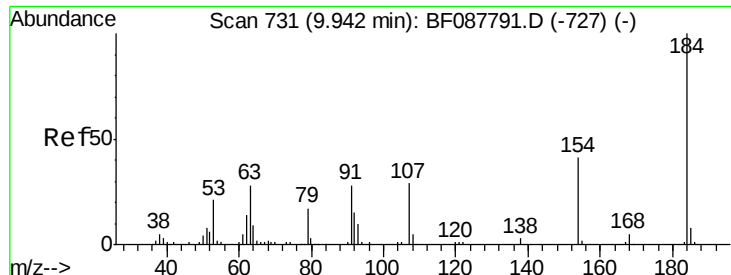


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

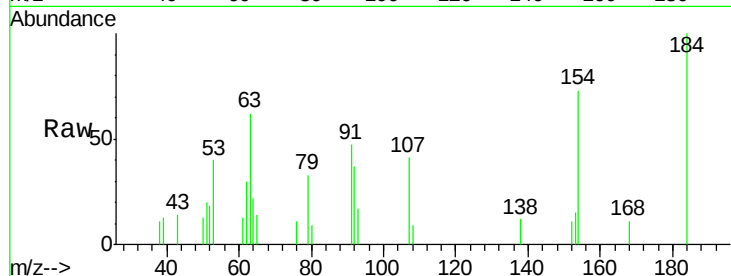




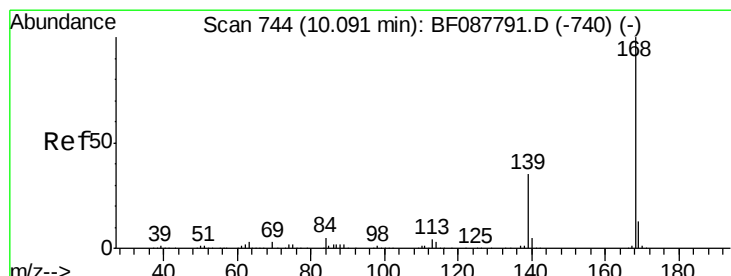
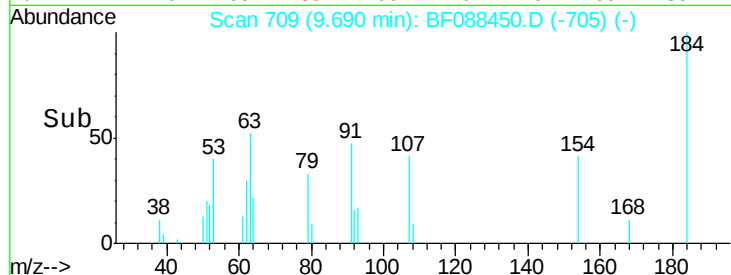
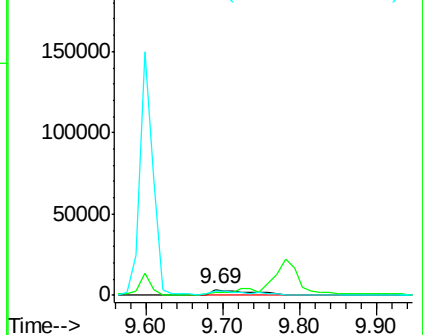
#53
2,4-Dinitrophenol
Concen: 15.83 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.25 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 12827
Ion Ratio Lower Upper
184 100
63 61.9 57.6 86.4
154 73.0 53.5 80.3

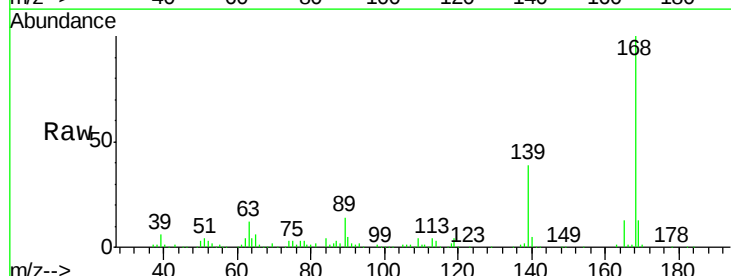


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

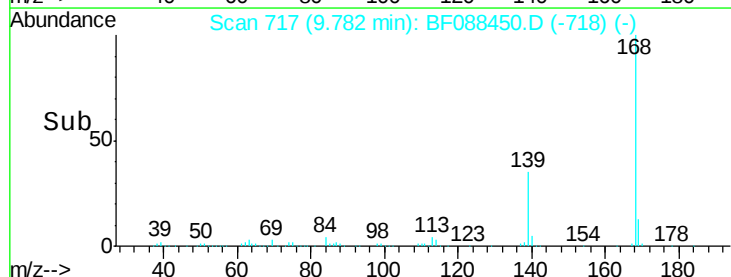
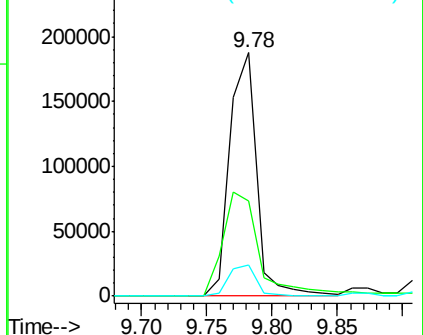


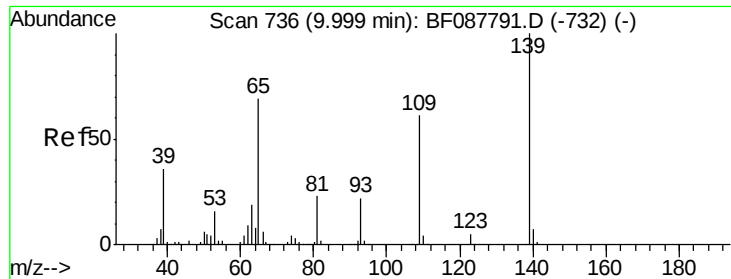
#54
Dibenzofuran
Concen: 23.56 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.31 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion:168 Resp: 269650
Ion Ratio Lower Upper
168 100
139 39.2 26.4 39.6
169 13.0 10.4 15.6



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: 87.16 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.23 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampled :

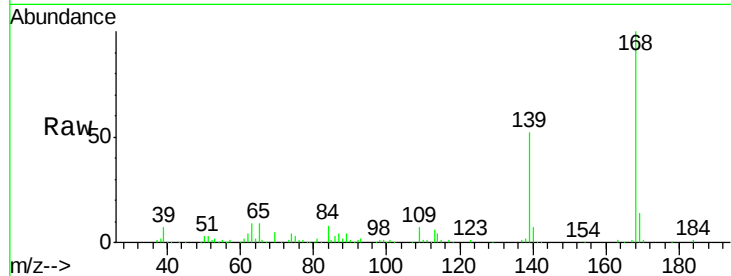
Tot Ion:139 Resp: 167576

Ion Ratio Lower Upper

139 100

109 12.9 48.9 88.9#

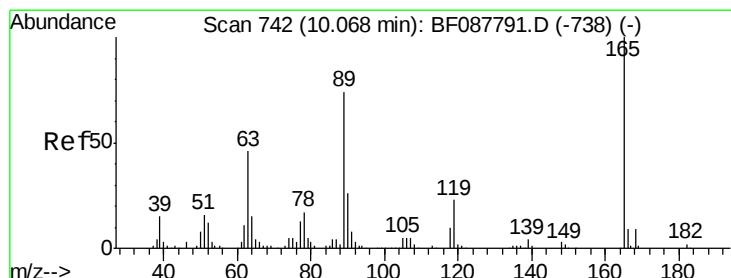
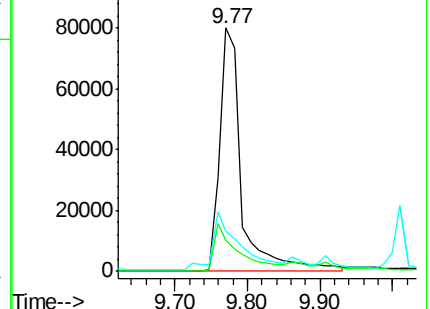
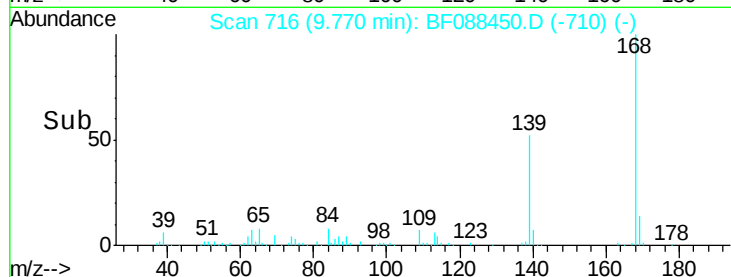
65 16.3 84.9 124.9#



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: 23.62 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.27 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:165 Resp: 65154

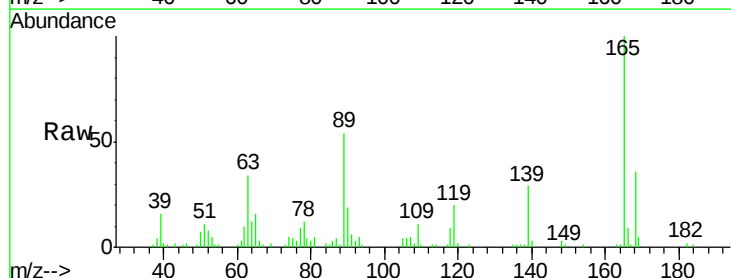
Ion Ratio Lower Upper

165 100

63 33.8 22.0 33.0#

89 53.7 41.1 61.7

182 2.5 2.0 3.0

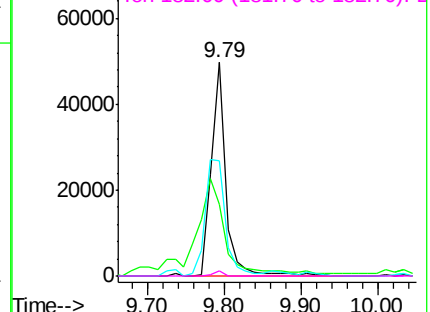
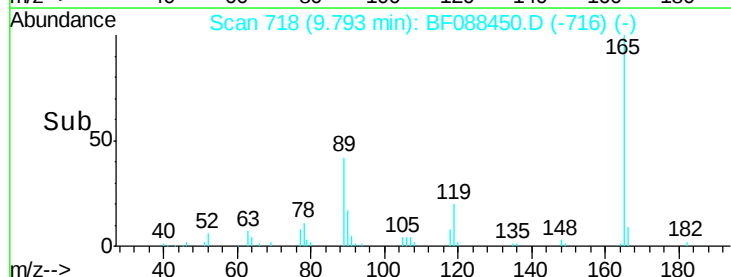


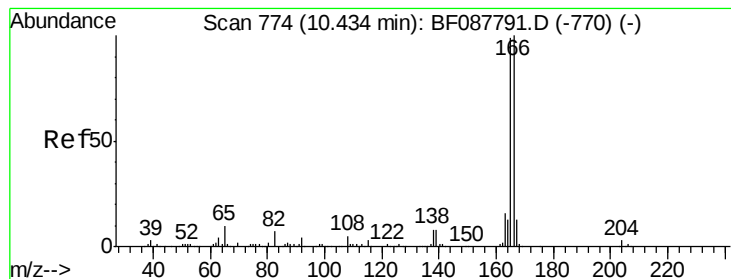
Abundance Ion 165.00 (164.70 to 165.70): E

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: 25.11 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.32 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

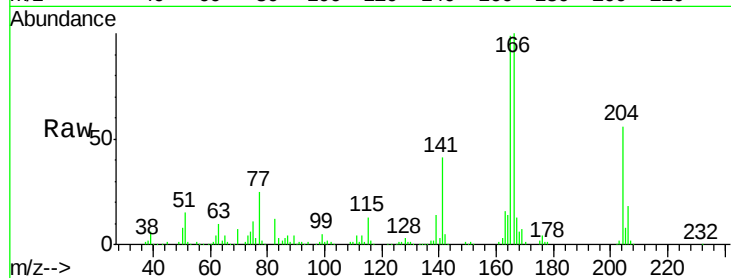
Tot Ion:166 Resp: 210676

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.8

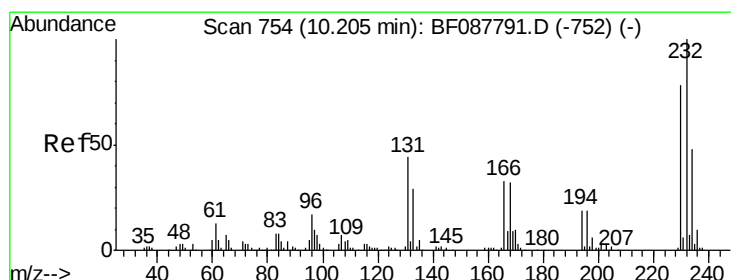
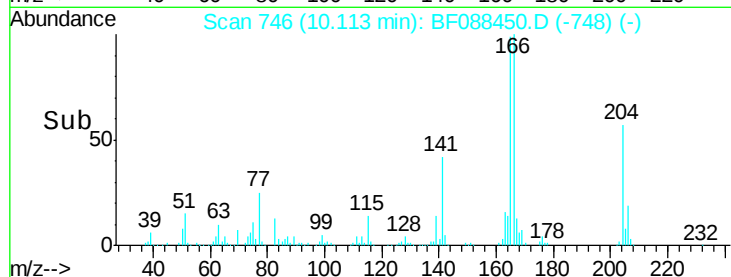
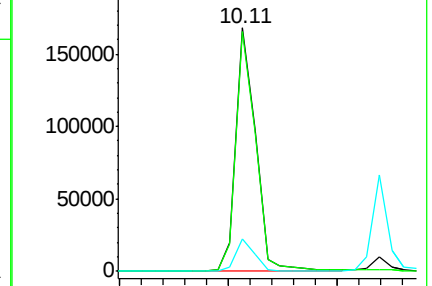
167 13.5 11.2 16.8



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: 16.15 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.33 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:232 Resp: 34167

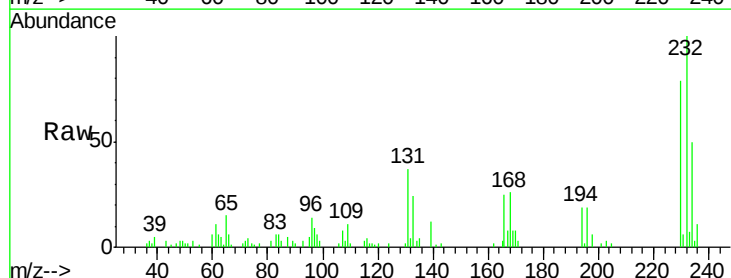
Ion Ratio Lower Upper

232 100

131 50.8 0.9 1.3#

130 2.3 1.5 2.3

166 30.8 0.5 0.7#

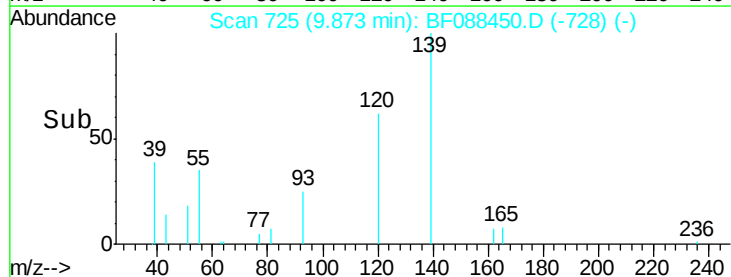
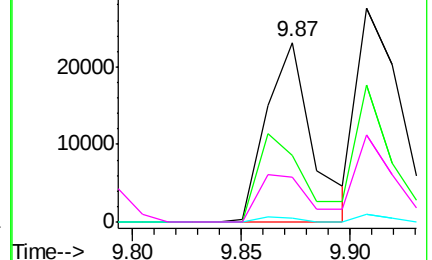


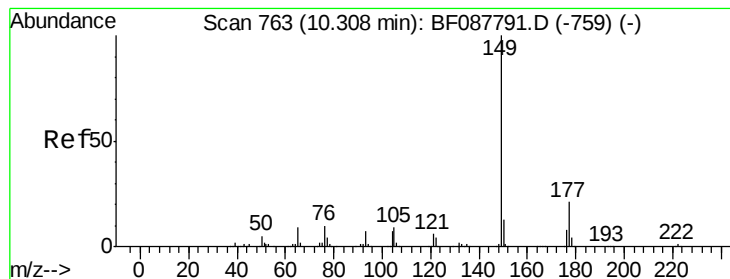
Abundance Ion 232.00 (231.70 to 232.70): E

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: 25.21 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.30 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

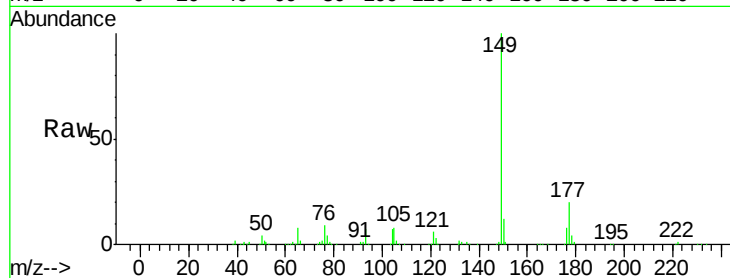
Tot Ion:149 Resp: 239238

Ion Ratio Lower Upper

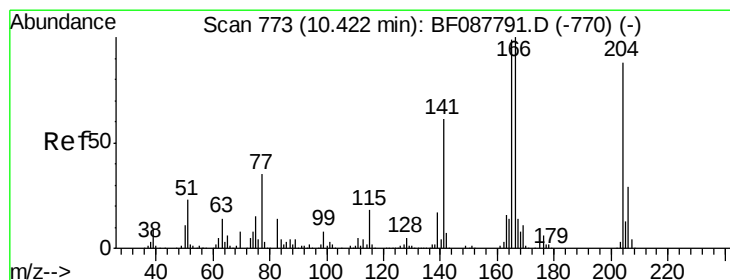
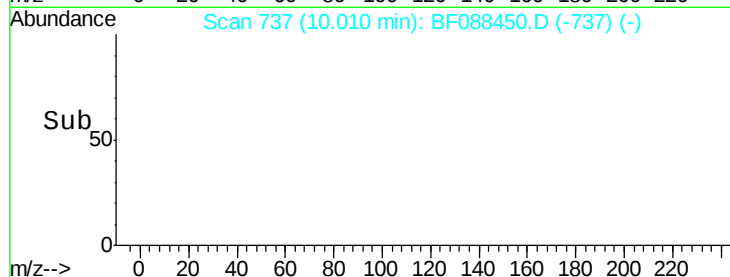
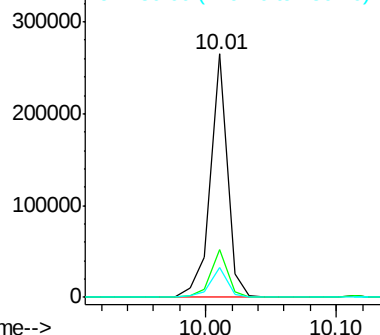
149 100

177 19.8 16.9 25.3

150 12.2 10.1 15.1



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: 24.54 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.31 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

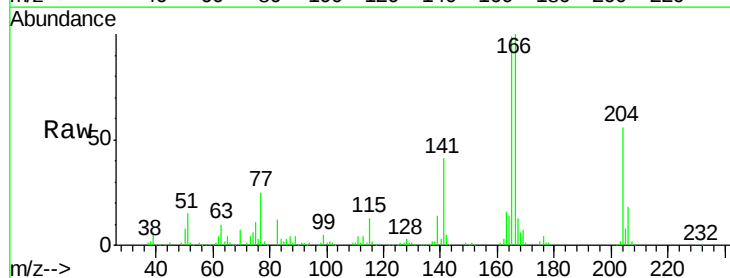
Tgt Ion:204 Resp: 93381

Ion Ratio Lower Upper

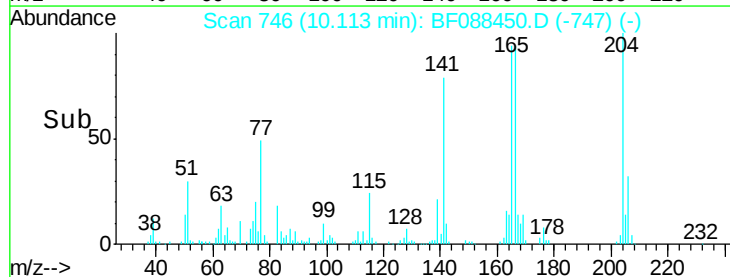
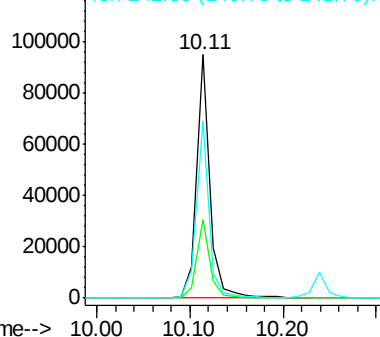
204 100

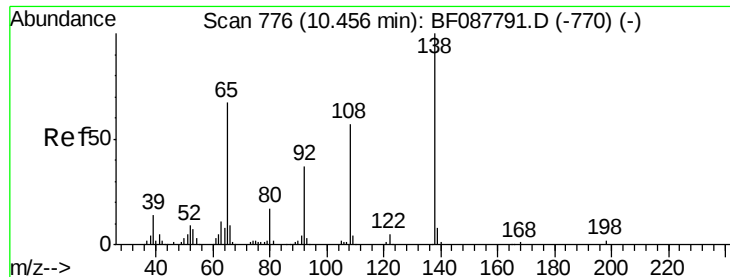
206 32.5 26.3 39.5

141 72.7 55.0 82.6



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

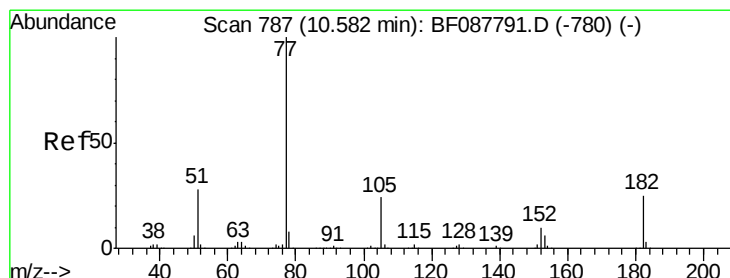
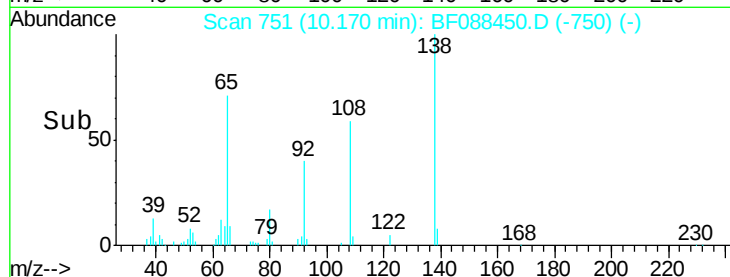
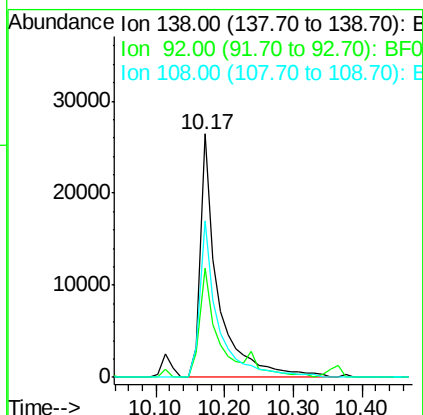
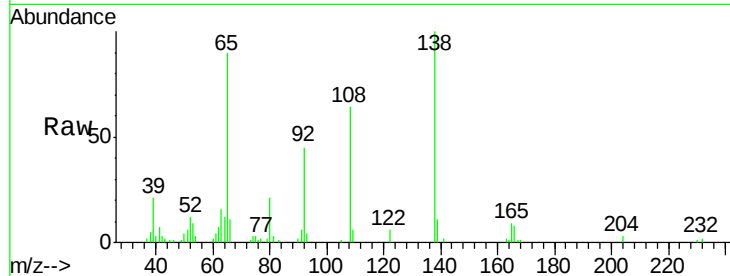




#61
4-Nitroaniline
Concen: 19.96 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

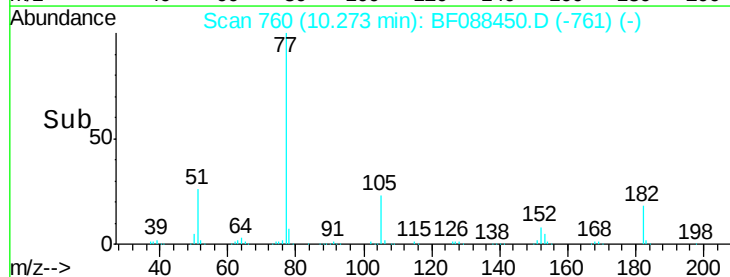
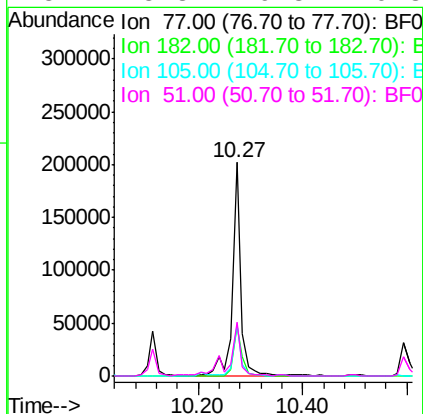
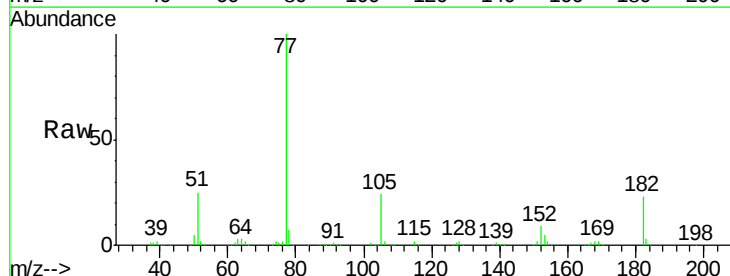
Instrument :
BNA_F
ClientSampled :

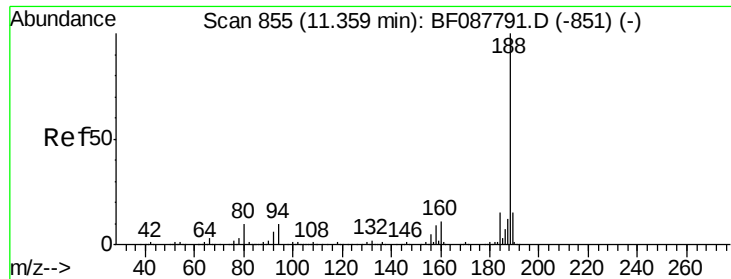
Tot Ion	Ratio	Lower	Upper
138	100		
92	45.0	27.3	67.3
108	64.4	46.7	86.7



#62
Azobenzene
Concen: 24.31 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.31 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.2	4.4	44.4
105	23.9	3.8	43.8
51	25.3	9.3	49.3

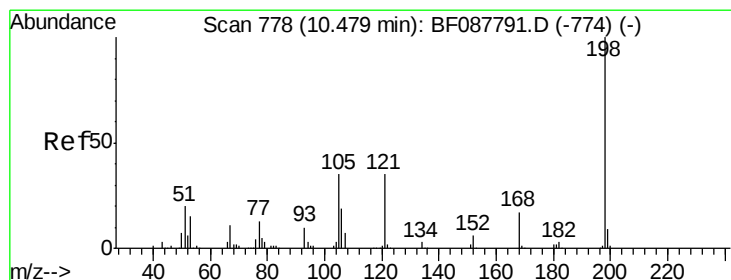
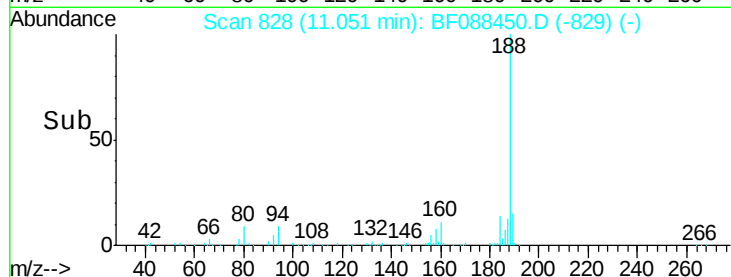
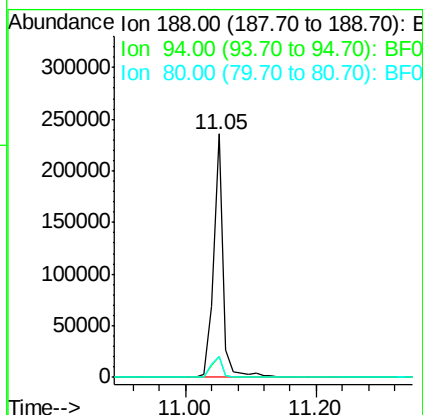
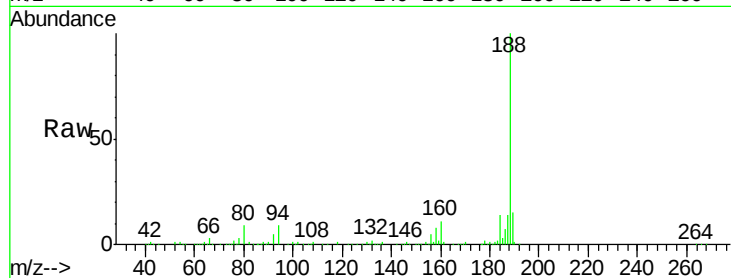




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.31 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

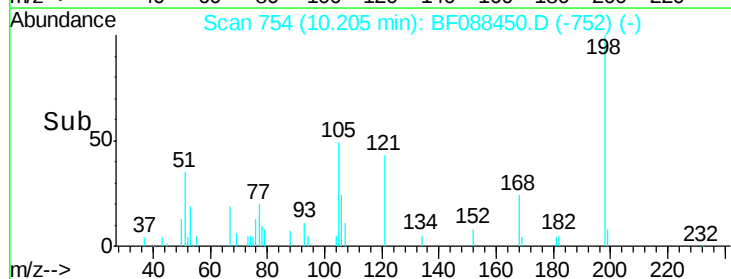
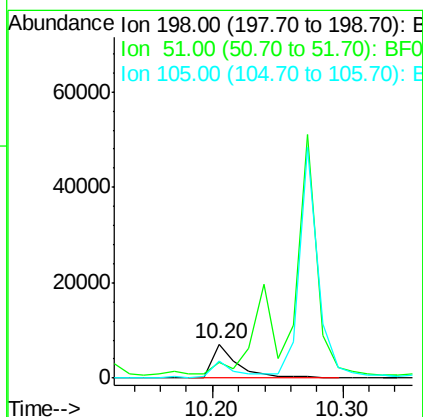
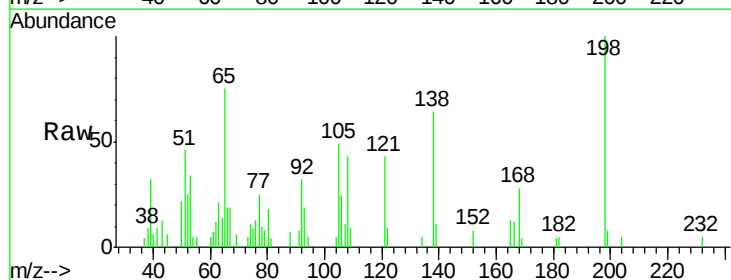
Instrument :
 BNA_F
 ClientSampleId :

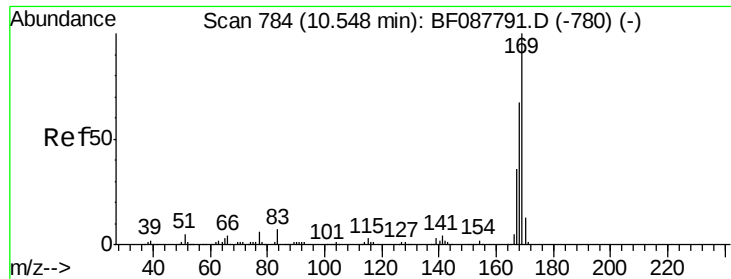
Tot Ion:188 Resp: 245504
 Ion Ratio Lower Upper
 188 100
 94 8.6 9.0 13.6#
 80 8.8 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.25 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.27 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion:198 Resp: 9773
 Ion Ratio Lower Upper
 198 100
 51 46.4 39.6 79.6
 105 49.3 36.6 76.6

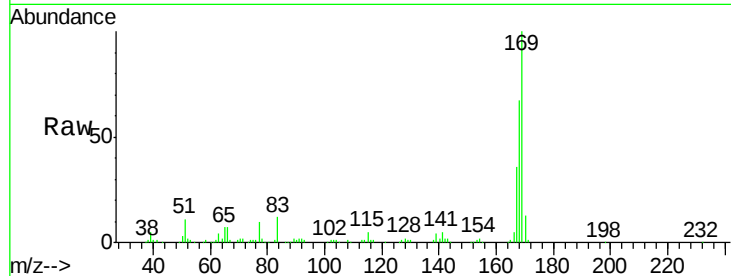




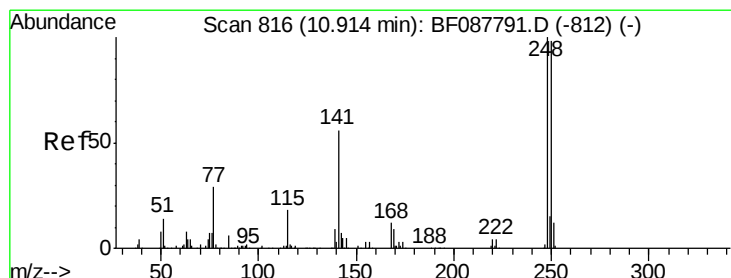
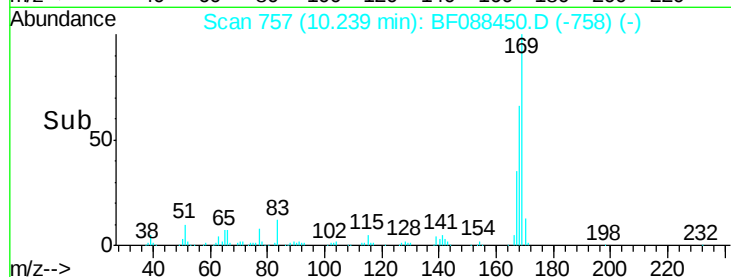
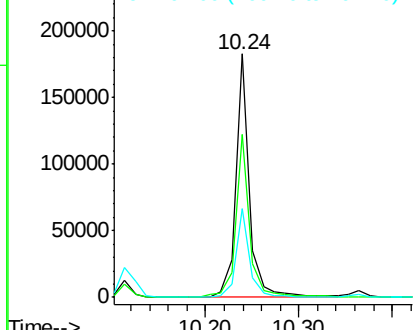
#65
n-Nitrosodiphenylamine
Concen: 22.91 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.31 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 186600
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.0
167 36.2 29.4 44.0

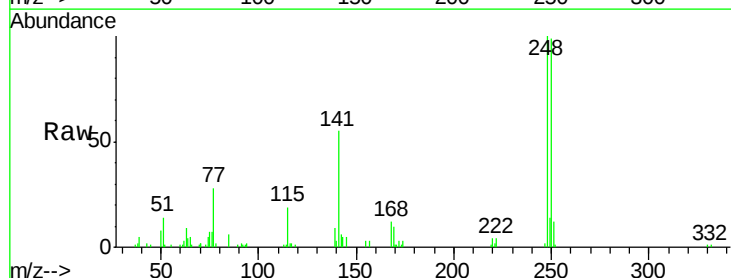


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

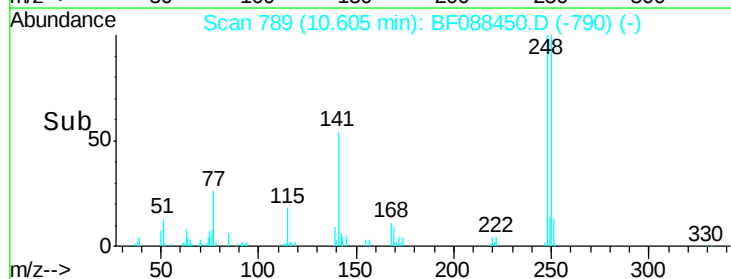
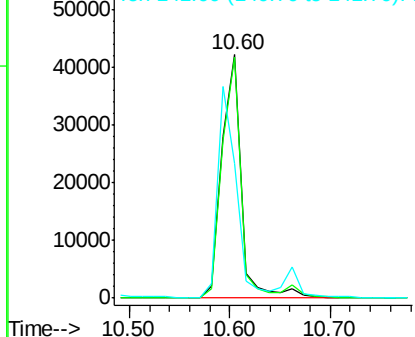


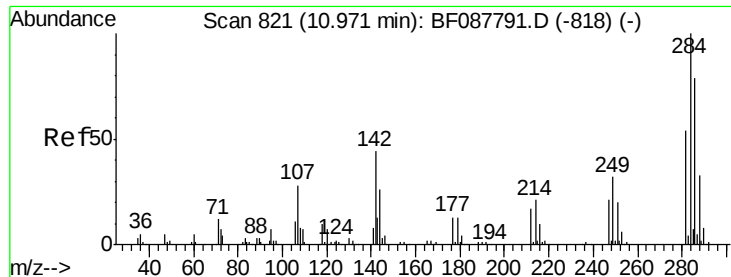
#66
4-Bromophenyl-phenylether
Concen: 21.63 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.31 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion:248 Resp: 56977
Ion Ratio Lower Upper
248 100
250 99.2 77.1 115.7
141 55.3 50.6 76.0



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

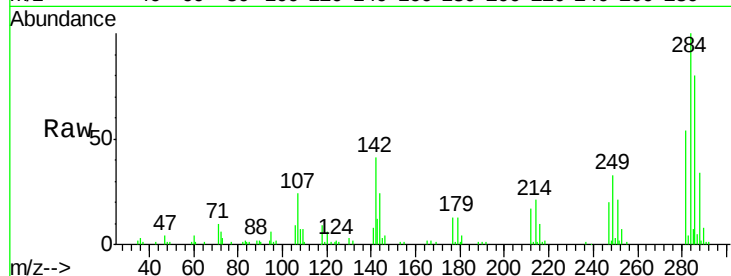




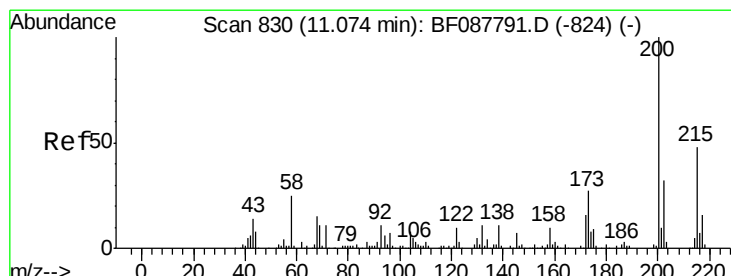
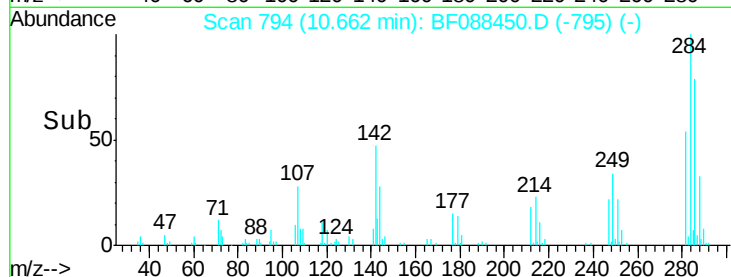
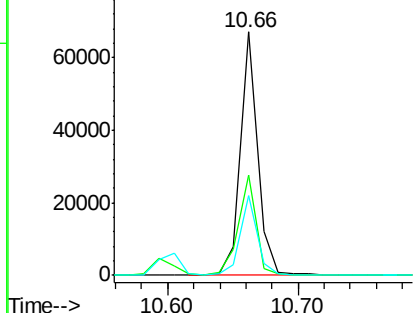
#67
Hexachlorobenzene
Concen: 22.44 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.31 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 61397
Ion Ratio Lower Upper
284 100
142 41.0 35.8 53.8
249 32.7 25.8 38.6

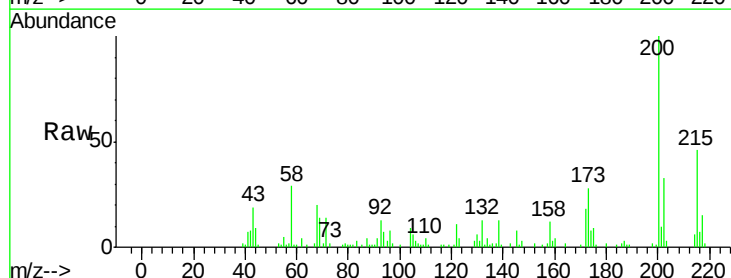


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

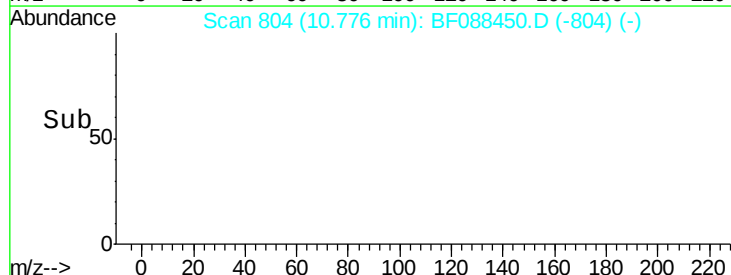
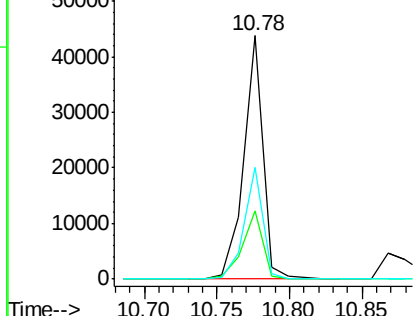


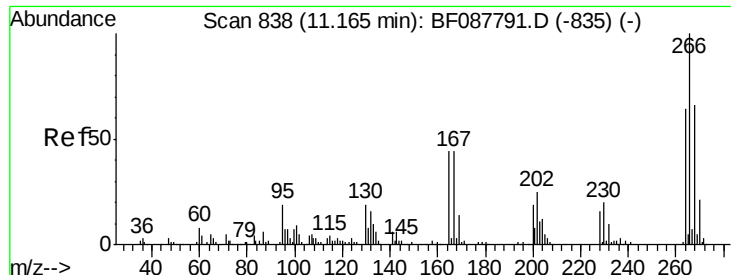
#68
Atrazine
Concen: 16.44 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.30 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion:200 Resp: 40550
Ion Ratio Lower Upper
200 100
173 28.0 4.0 44.0
215 46.1 29.3 69.3



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

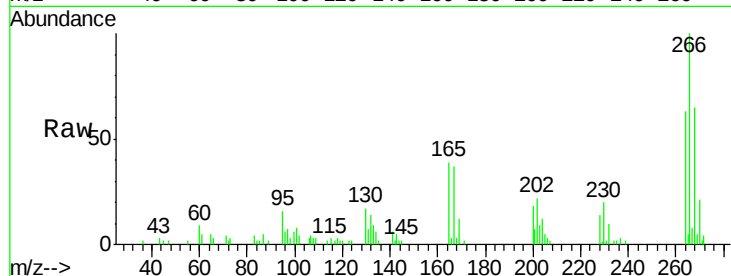




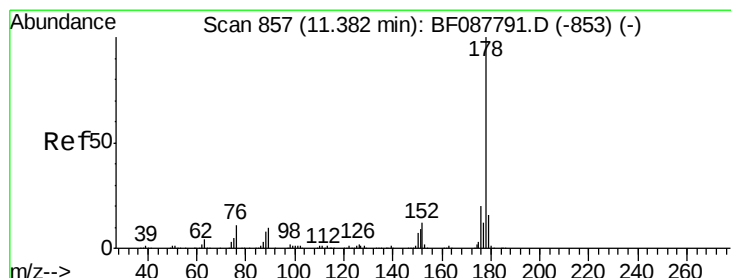
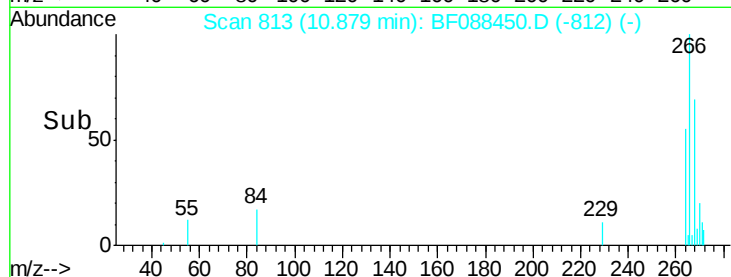
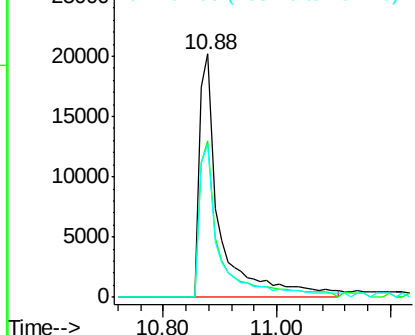
#69
 Pentachlorophenol
 Concen: 34.14 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.29 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 49250
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.8 79.2
 264 63.0 49.6 74.4

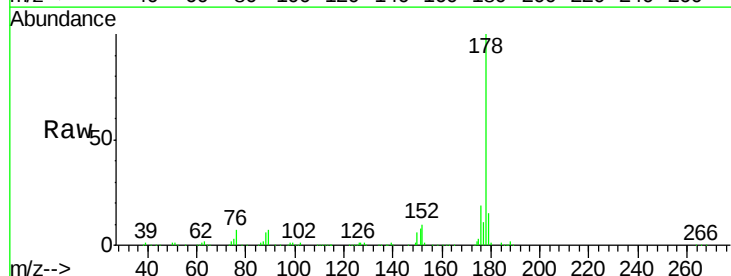


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

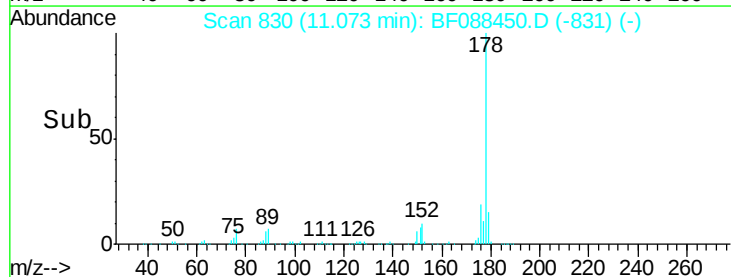
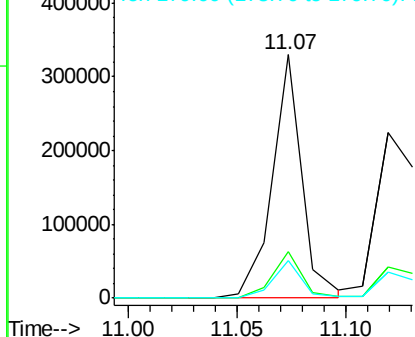


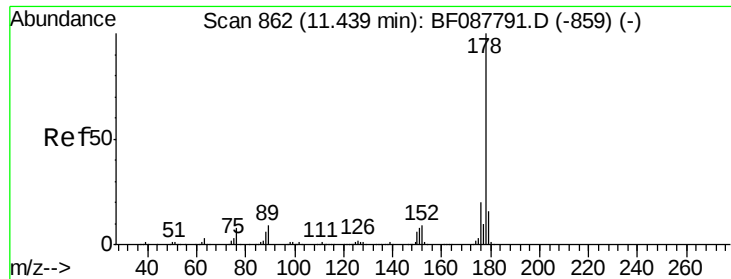
#70
 Phenanthrene
 Concen: 24.42 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.31 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion:178 Resp: 314631
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.6
 179 15.2 13.0 19.4



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

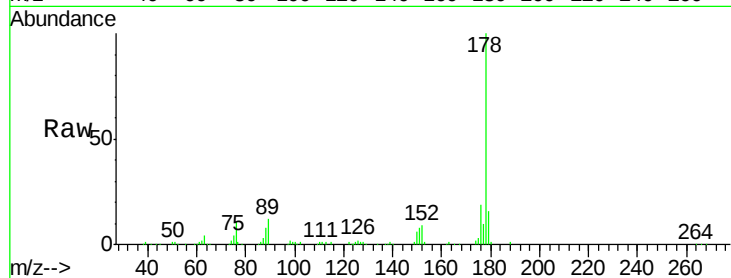




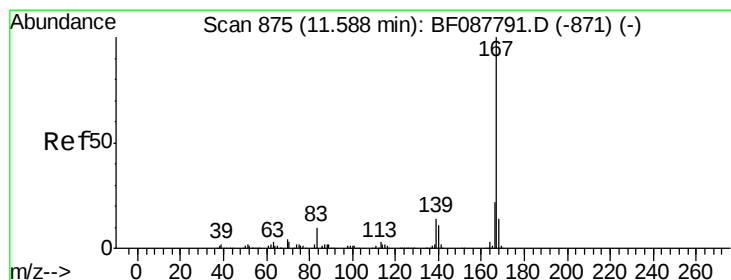
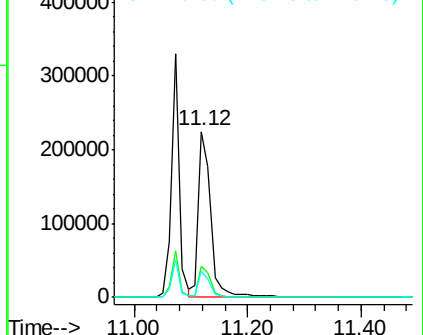
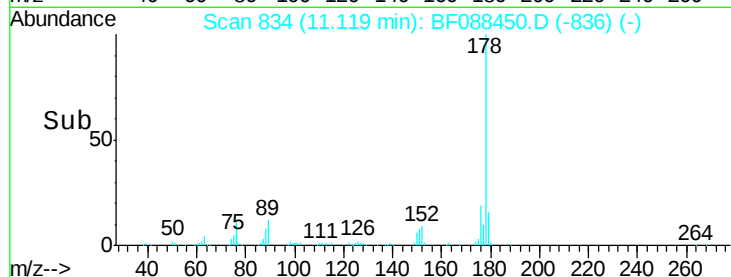
#71
 Anthracene
 Concen: 25.67 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.32 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 333608
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.6 23.4
 179 15.6 12.8 19.2

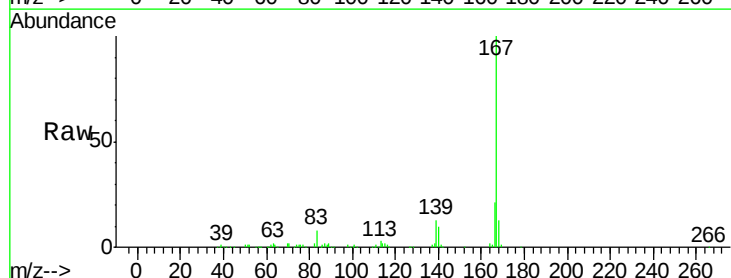


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

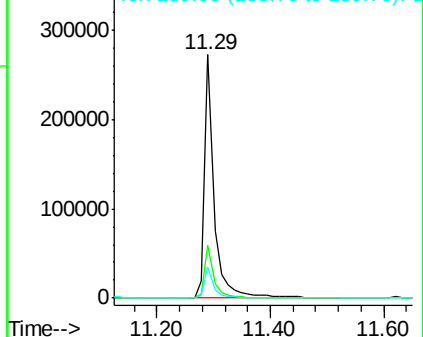
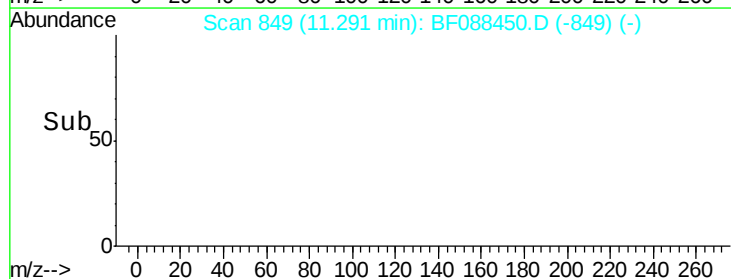


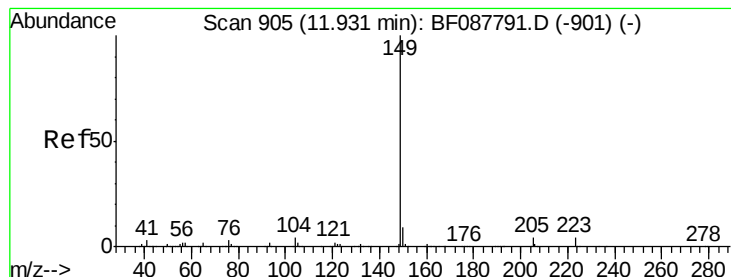
#72
 Carbazole
 Concen: 25.50 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.30 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion:167 Resp: 310050
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 12.7 11.2 16.8



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: 23.62 ng

RT: 11.62 min Scan# 878

Delta R.T. -0.31 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

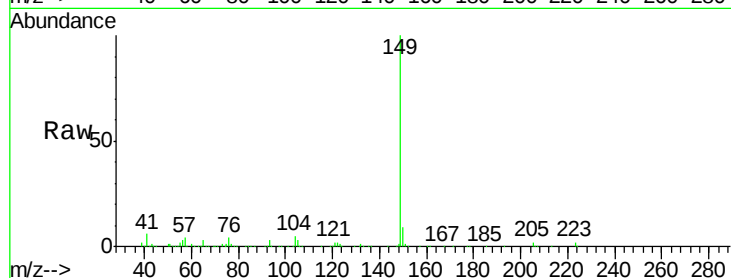
Tot Ion:149 Resp: 363631

Ion Ratio Lower Upper

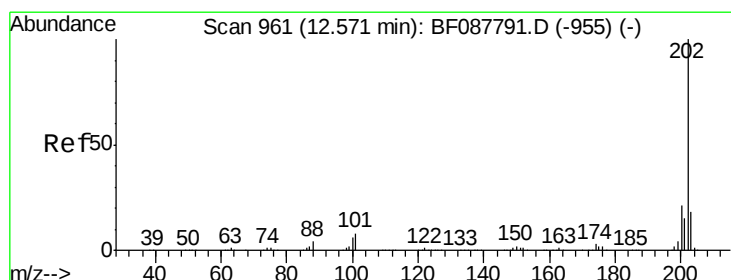
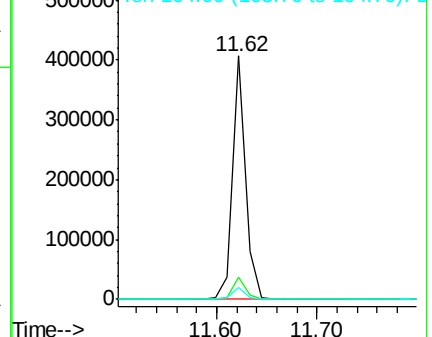
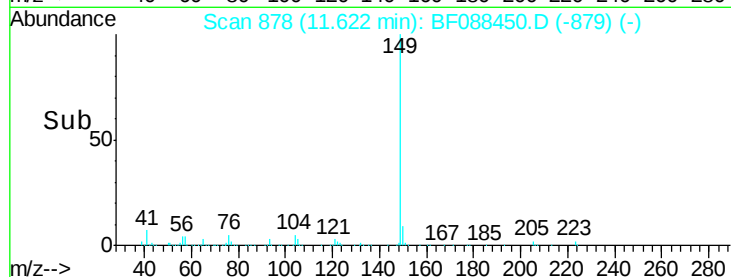
149 100

150 9.2 7.8 11.6

104 4.8 4.0 6.0



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: 23.67 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.32 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

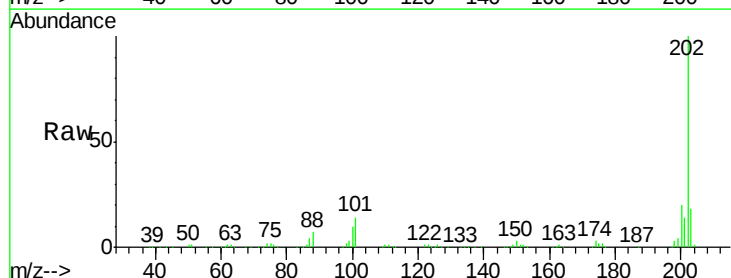
Tgt Ion:202 Resp: 321779

Ion Ratio Lower Upper

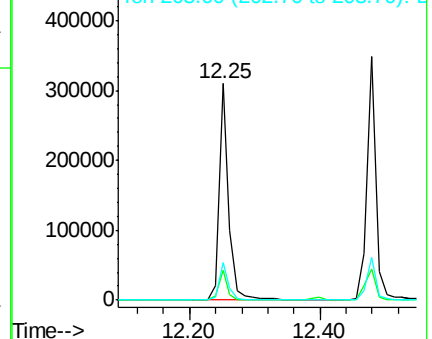
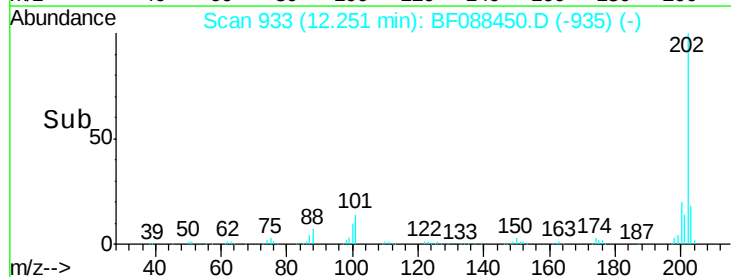
202 100

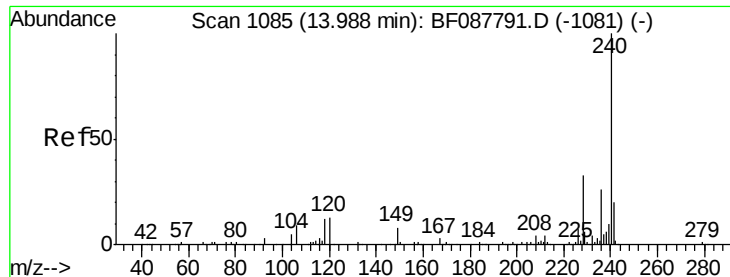
101 13.8 0.0 33.1

203 17.6 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: 13.68 min Scan# 1058

Delta R.T. -0.31 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

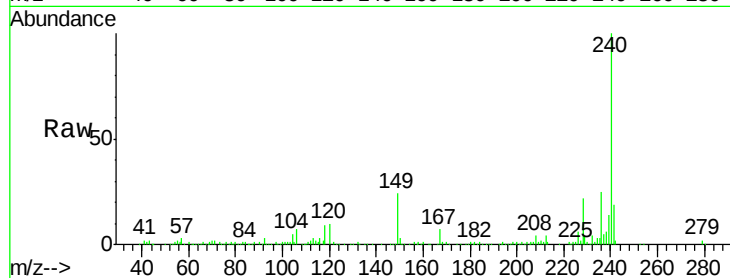
Tot Ion:240 Resp: 203428

Ion Ratio Lower Upper

240 100

120 10.3 6.8 10.2#

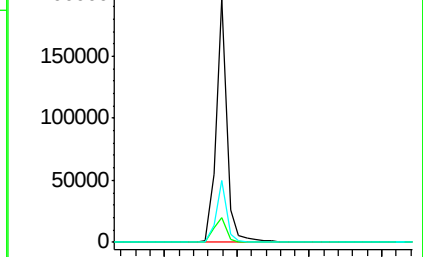
236 25.5 20.2 30.2



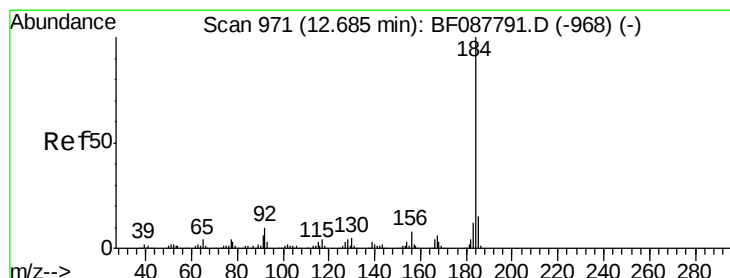
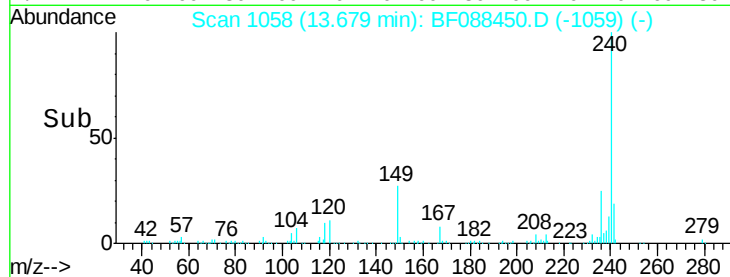
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 2.04 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.29 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

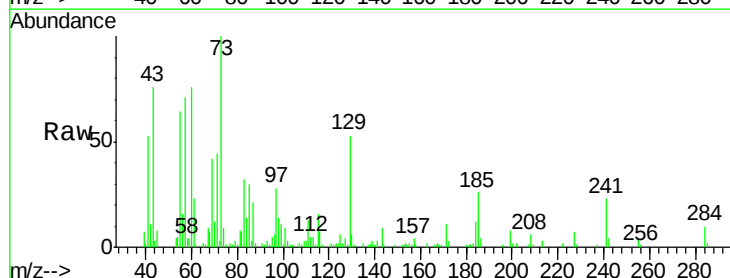
Tgt Ion:184 Resp: 11465

Ion Ratio Lower Upper

184 100

185 209.9 12.5 18.7#

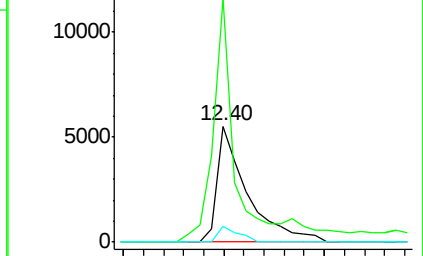
183 13.4 9.3 13.9



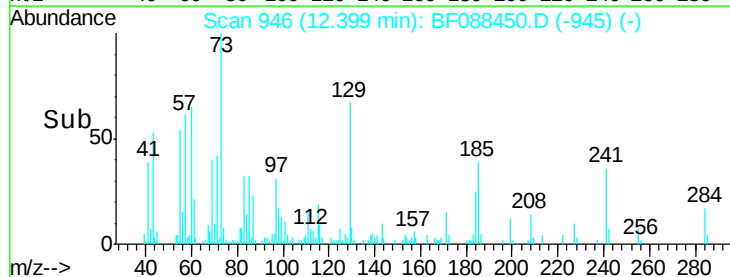
Abundance Ion 184.00 (183.70 to 184.70): E

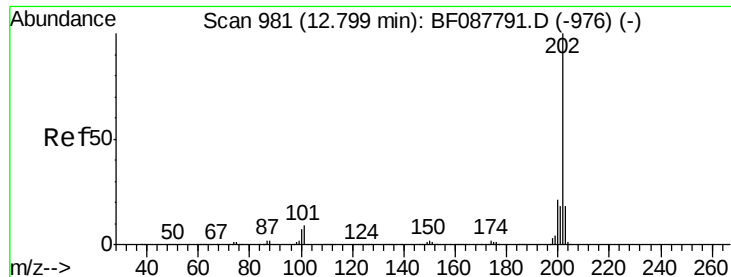
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 21.65 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.32 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

ClientSampleId :

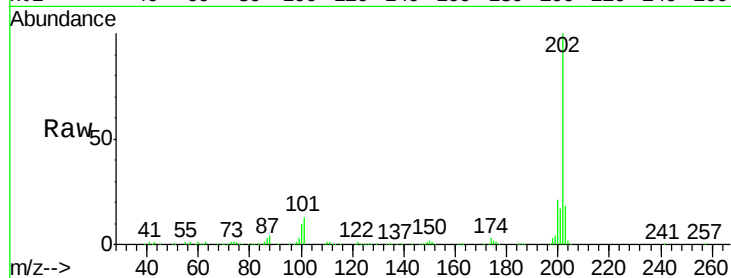
Tot Ion:202 Resp: 326800

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

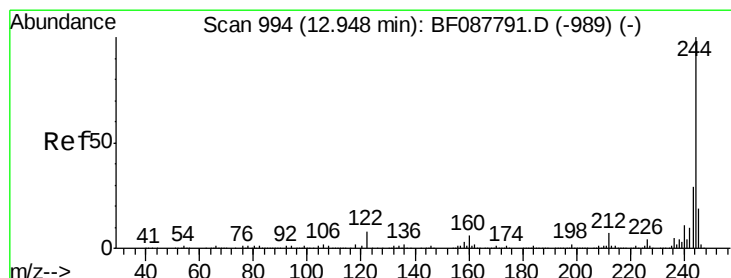
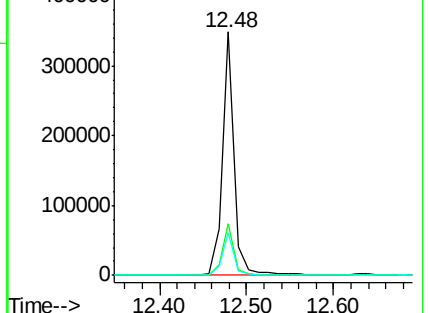
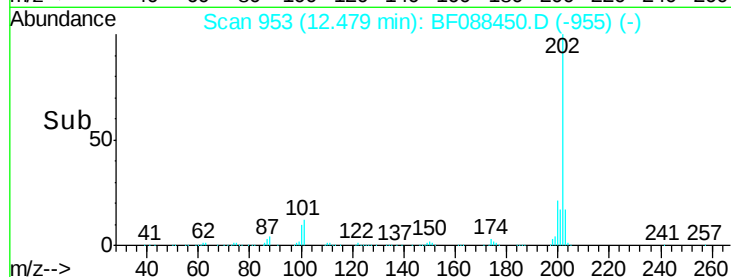
203 17.5 14.5 21.7



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: 82.02 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.31 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

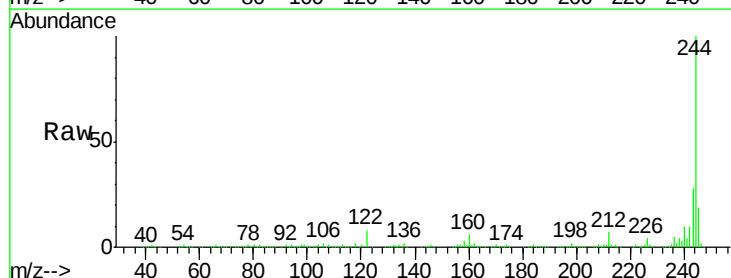
Tgt Ion:244 Resp: 733226

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

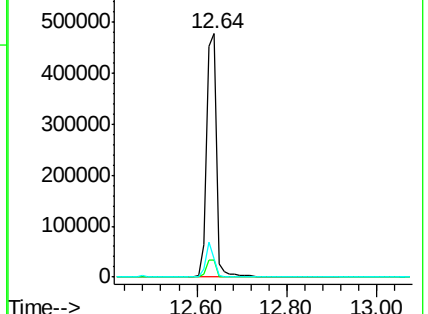
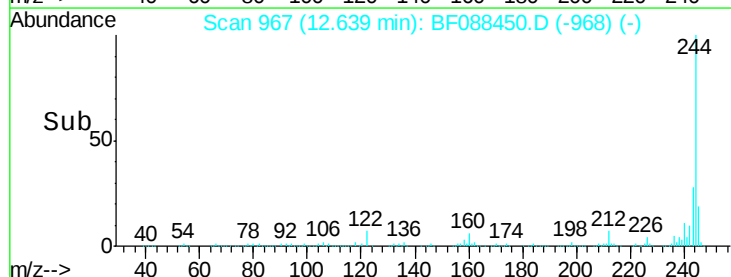
122 7.6 11.2 16.8#

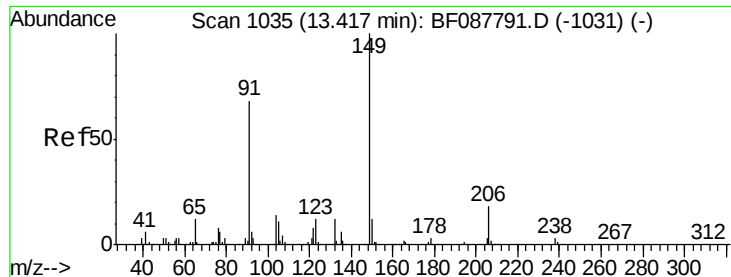


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

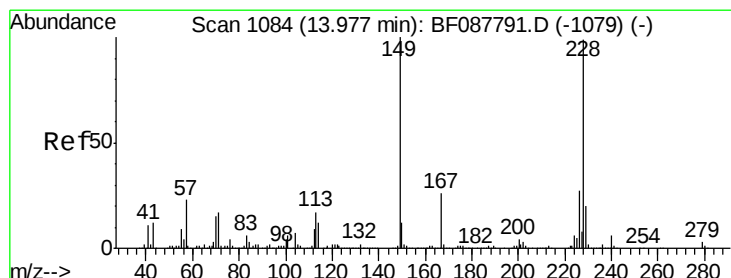
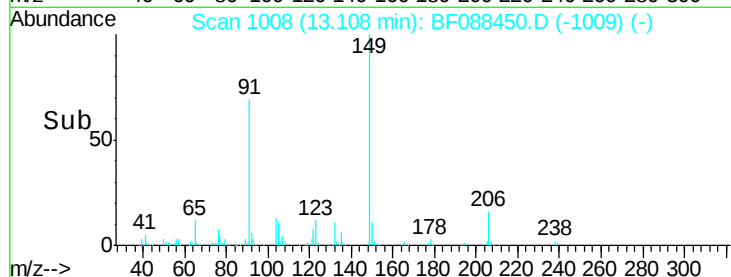
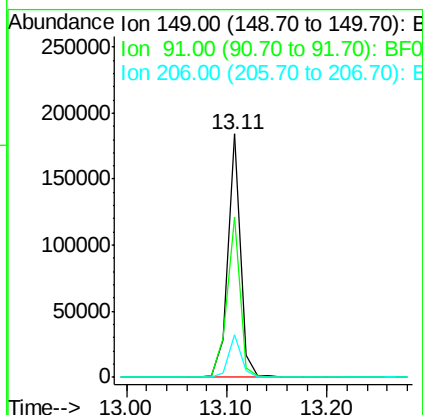
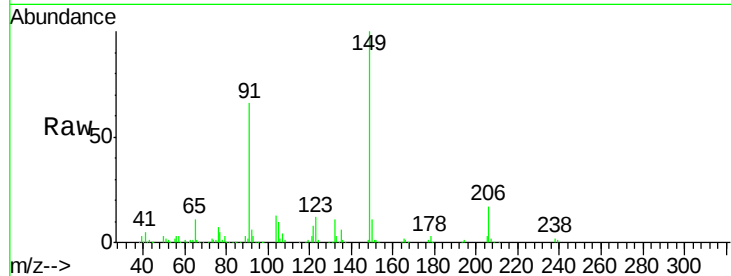




#79
Butylbenzylphthalate
Concen: 24.13 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.31 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

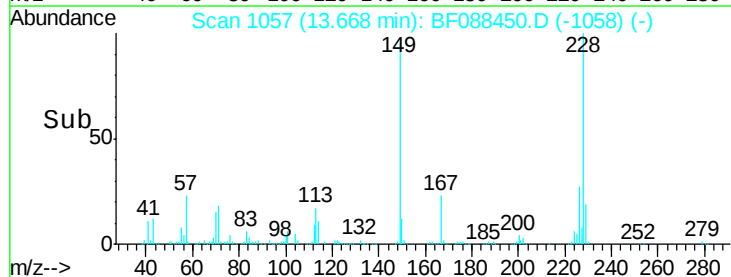
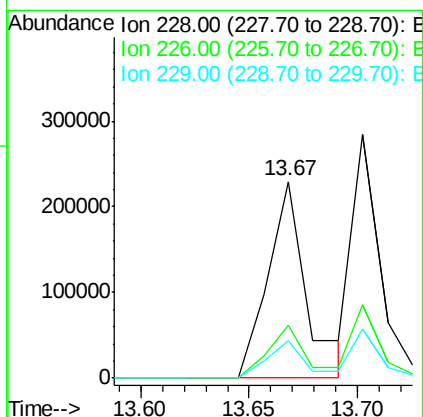
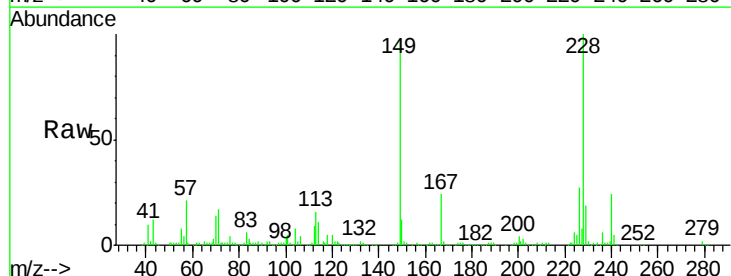
Instrument :
BNA_F
ClientSampleId :

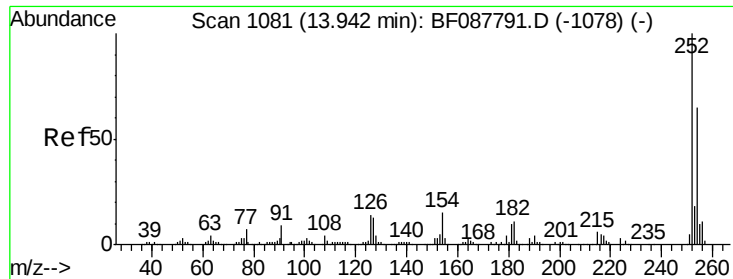
Tot Ion:149 Resp: 161058
Ion Ratio Lower Upper
149 100
91 66.1 48.0 72.0
206 17.4 16.0 24.0



#80
Benzo(a)anthracene
Concen: 24.53 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.31 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion:228 Resp: 284384
Ion Ratio Lower Upper
228 100
226 27.0 22.3 33.5
229 19.4 16.0 24.0

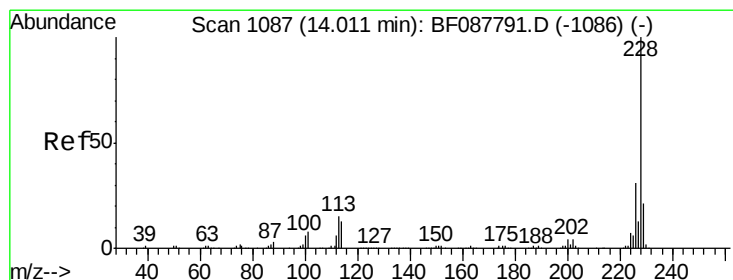
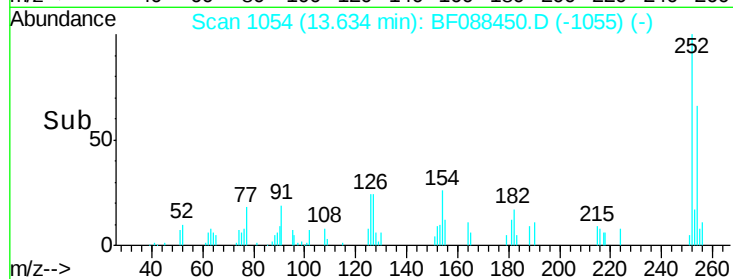
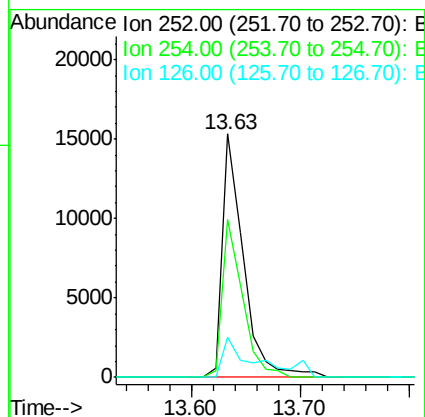
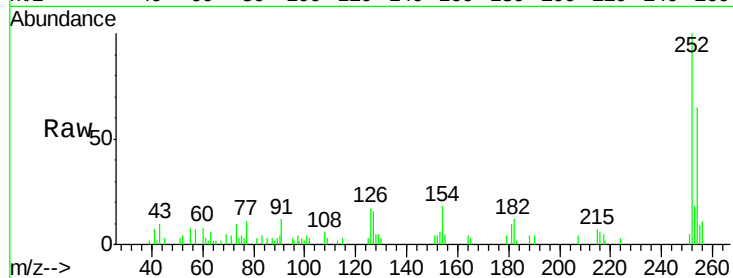




#81
 3,3'-Dichlorobenzidine
 Concen: 6.65 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.31 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

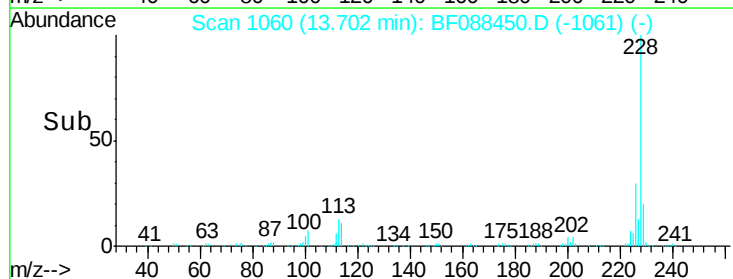
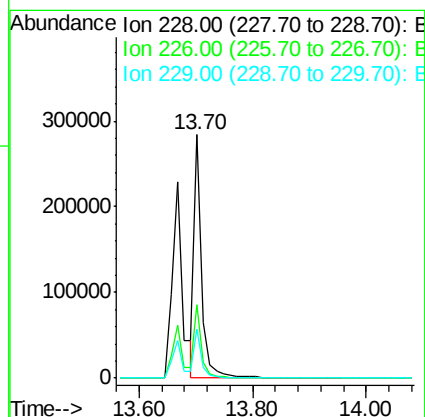
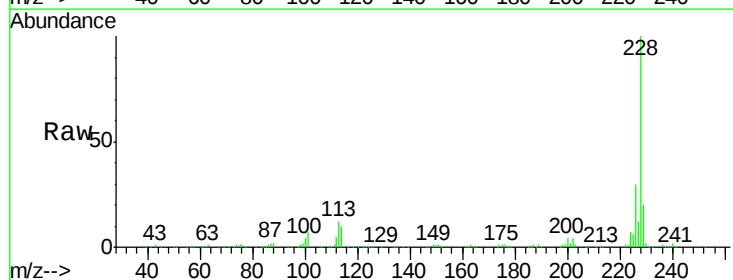
Instrument :
 BNA_F
 ClientSampleId :

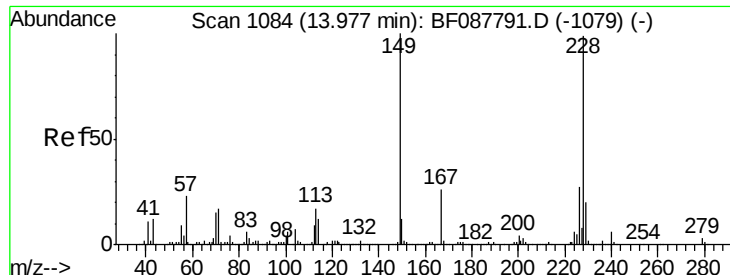
Tot Ion:252 Resp: 20725
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.6 78.8
 126 16.7 6.2 9.2#



#82
 Chrysene
 Concen: 24.65 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.31 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion:228 Resp: 268824
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.4 38.2
 229 20.1 16.3 24.5

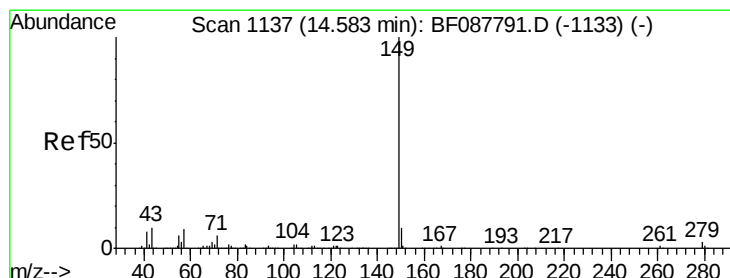
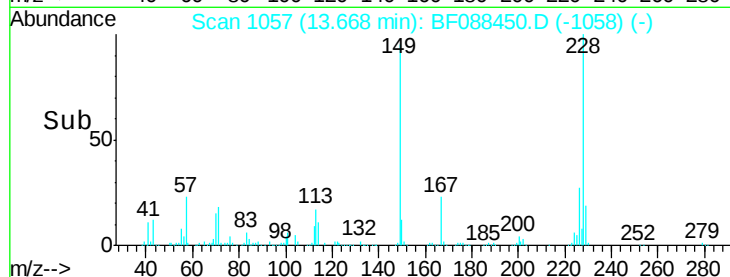
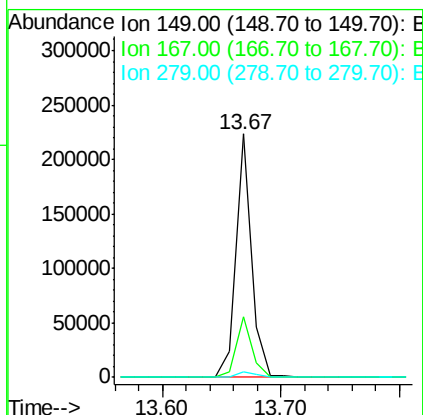
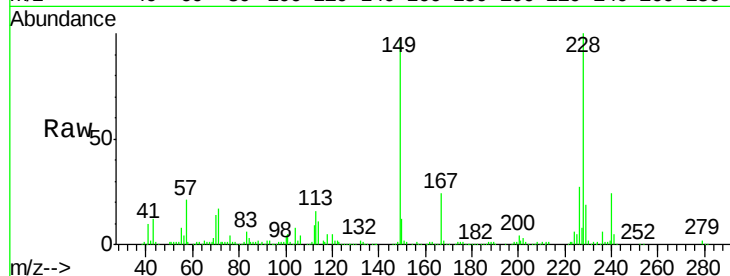




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.16 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.31 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

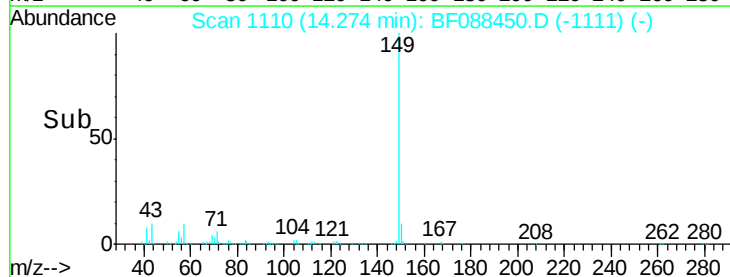
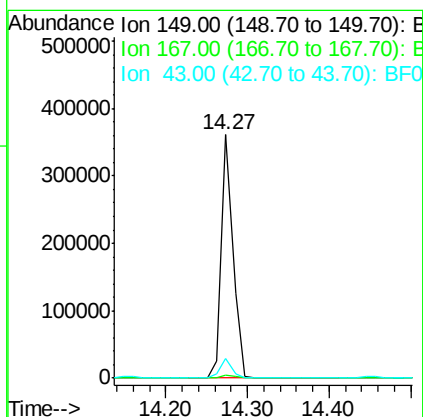
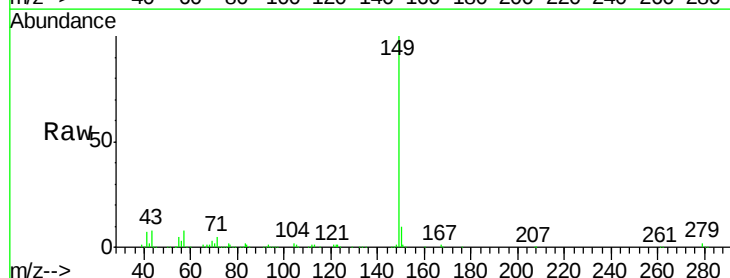
Instrument :
 BNA_F
 ClientSampled :

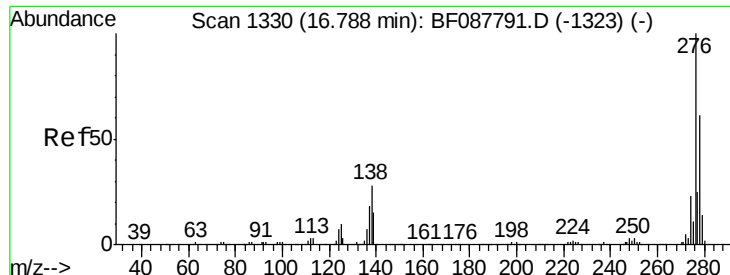
Tot Ion:149 Resp: 204384
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.5 30.7
 279 2.5 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 27.05 ng
 RT: 14.27 min Scan# 1110
 Delta R.T. -0.31 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion:149 Resp: 357041
 Ion Ratio Lower Upper
 149 100
 167 1.4 0.0 0.0#
 43 7.4 0.0 0.0#

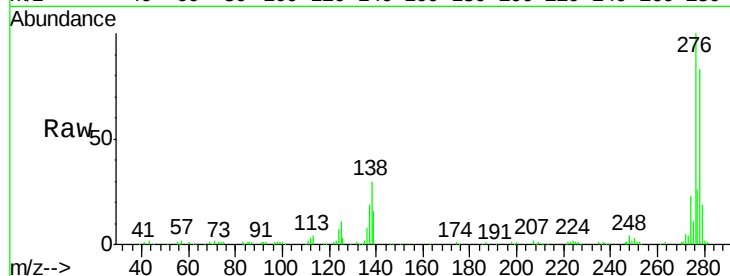




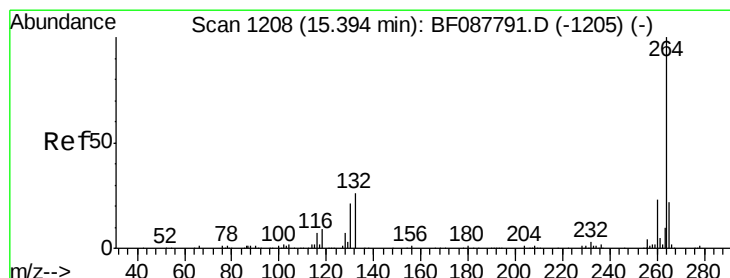
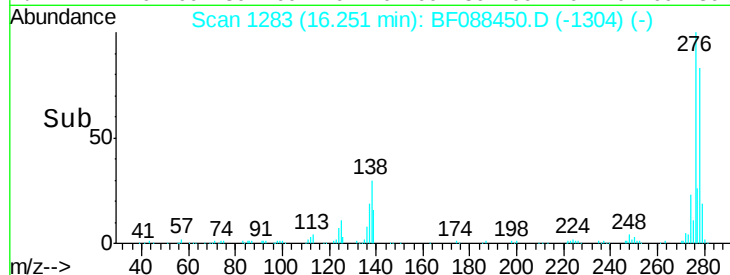
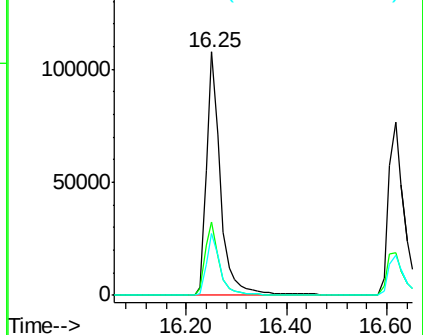
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.64 ng
 RT: 16.25 min Scan# 1283
 Delta R.T. -0.54 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.3	0.0	0.0#
277	24.7	0.0	0.0#

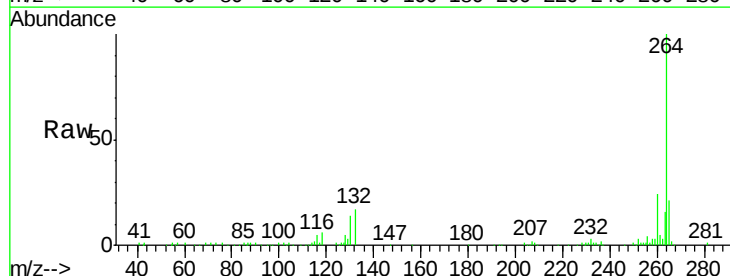


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

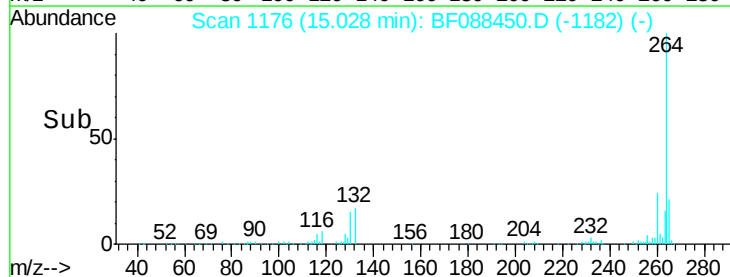
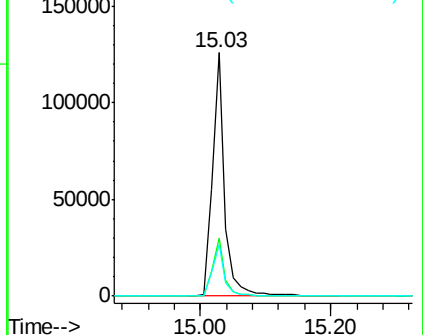


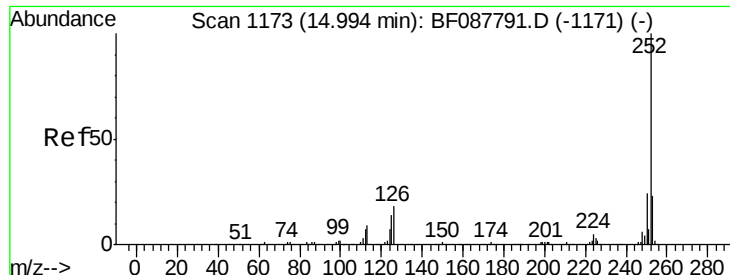
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.37 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.0	16.9	25.3



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

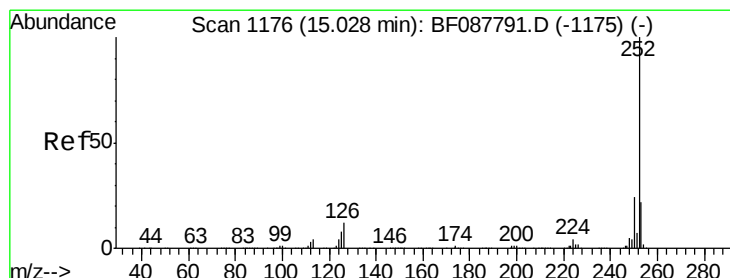
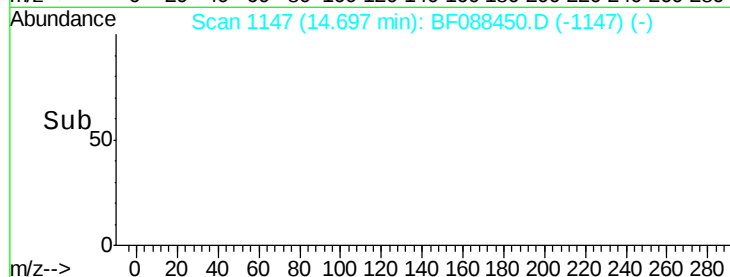
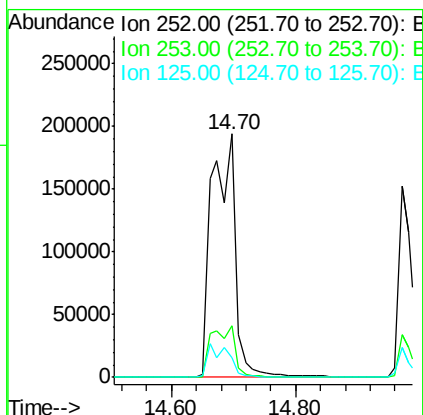
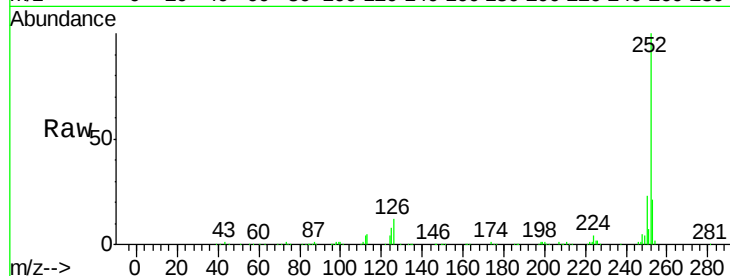




#87
Benzo(b)fluoranthene
Concen: 43.98 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.30 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

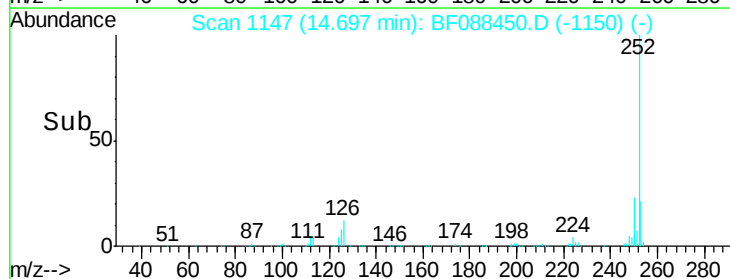
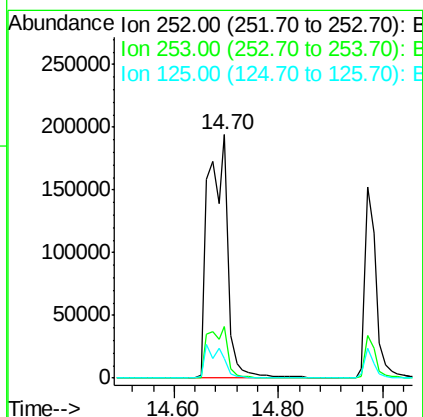
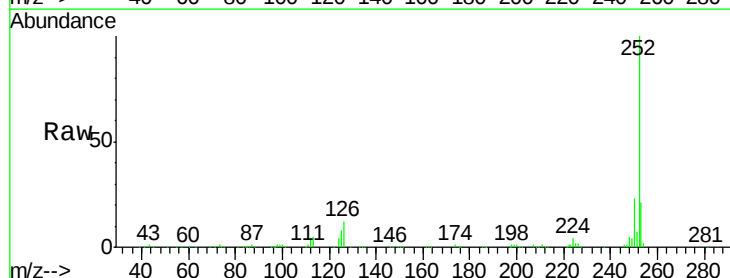
Instrument :
BNA_F
ClientSampled :

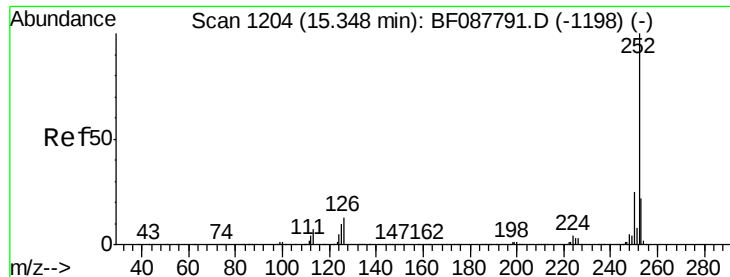
Tot Ion:252 Resp: 507973
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 8.2 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 58.46 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.33 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion:252 Resp: 509342
Ion Ratio Lower Upper
252 100
253 21.1 18.0 27.0
125 8.2 11.2 16.8#

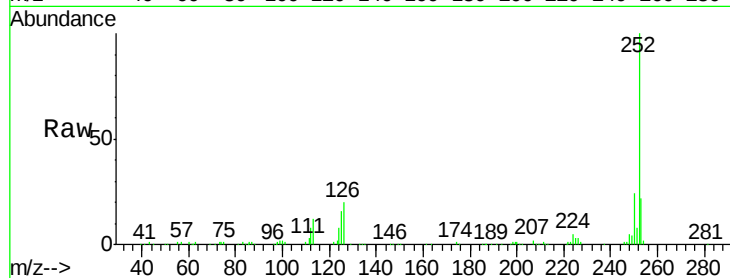




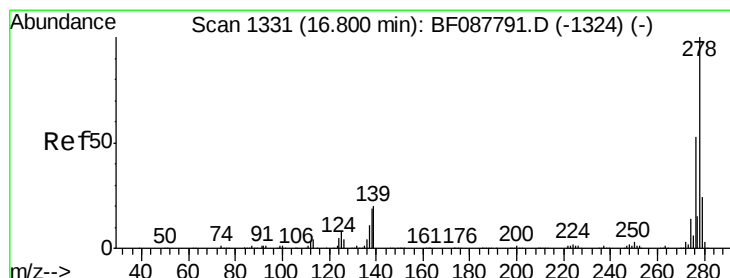
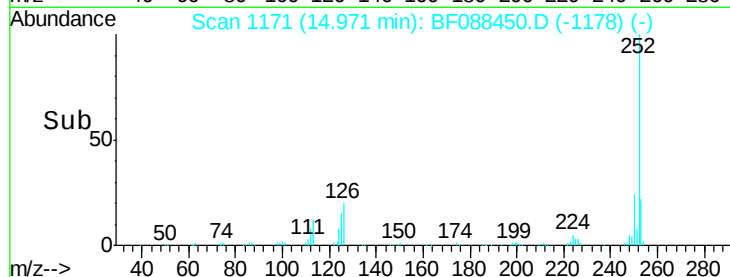
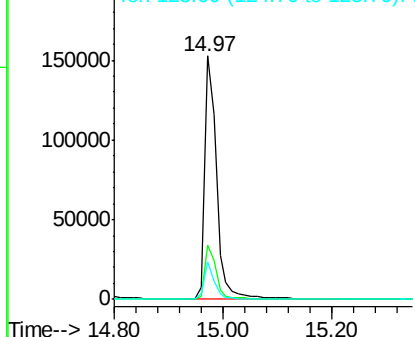
#89
Benzo(a)pyrene
Concen: 24.72 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.38 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 231021
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 15.6 12.5 18.7

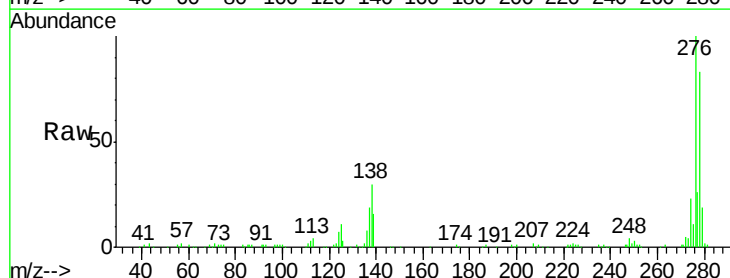


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

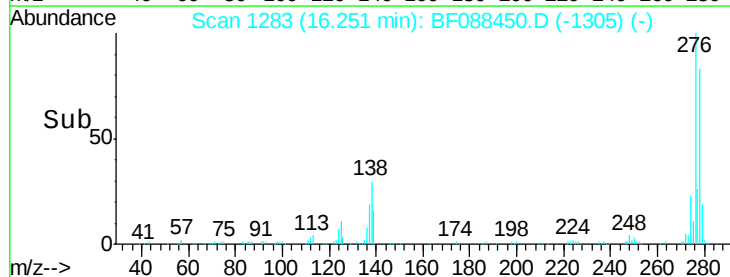
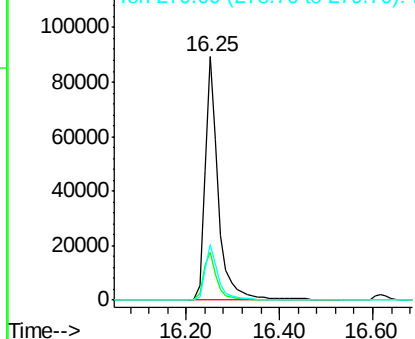


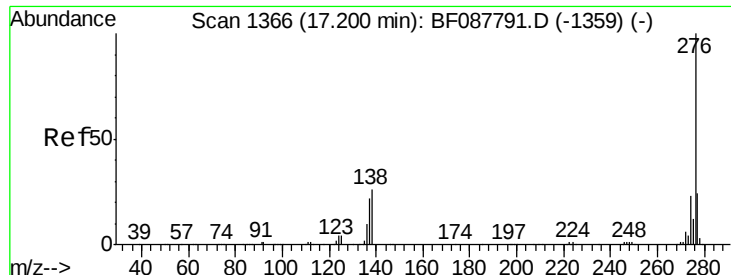
#90
Dibenzo(a,h)anthracene
Concen: 20.54 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.55 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion:278 Resp: 178312
Ion Ratio Lower Upper
278 100
139 19.8 15.7 23.5
279 23.0 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

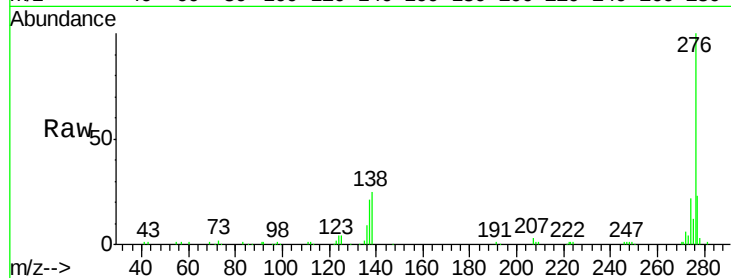




#91
 Benzo(a,h,i)perylene
 Concen: 19.55 ng
 RT: 16.62 min Scan# 1315
 Delta R.T. -0.58 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	24.6	21.4	32.2



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

