

Data Path : Z:\HPCHEM1\BNA F\Data\BF070616\
 Data File : BF088738.D
 Acq On : 6 Jul 2016 17:06
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 11:27:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	89799	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	365975	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	174600	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	350784	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	262889	20.00	ng	-0.03
86) Perylene-d12	15.27	264	248176	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	439162	73.29	ng	-0.03
7) Phenol-d6	6.39	99	561154	72.48	ng	-0.02
23) Nitrobenzene-d5	7.32	82	601845	86.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	147890	91.21	ng	-0.03
44) 2-Fluorobiphenyl	9.12	172	1060367	95.93	ng	-0.02
78) Terphenyl-d14	12.85	244	896456	75.95	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.27	88	104156	35.06	ng	# 39
3) Pyridine	2.95	79	301159	34.94	ng	91
4) n-Nitrosodimethylamine	2.90	42	110426	33.53	ng	90
6) Aniline	6.41	93	401727	35.60	ng	# 86
8) 2-Chlorophenol	6.54	128	262794	40.81	ng	92
9) Benzaldehyde	6.30	77	181779	34.66	ng	93
10) Phenol	6.40	94	277408	31.40	ng	# 58
11) bis(2-Chloroethyl)ether	6.49	93	234292	35.56	ng	89
12) 1,3-Dichlorobenzene	6.92	146	281439	39.72	ng	98
13) 1,4-Dichlorobenzene	6.76	146	259411	36.88	ng	93
14) 1,2-Dichlorobenzene	6.70	146	271293	41.21	ng	98
15) Benzyl Alcohol	6.90	79	233175	40.92	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	308493	32.33	ng	89
17) 2-Methylphenol	7.02	107	210376	40.05	ng	99
18) Hexachloroethane	7.27	117	110748	40.70	ng	93
19) n-Nitroso-di-n-propylamine	7.18	70	184699	35.52	ng	92
20) 3+4-Methylphenols	7.16	107	265563	42.12	ng	# 51
22) Acetophenone	7.16	105	343970	38.72	ng	# 86
24) Nitrobenzene	7.34	77	268811	38.18	ng	# 83
25) Isophorone	7.58	82	513751	39.71	ng	94
26) 2-Nitrophenol	7.66	139	146438	50.72	ng	# 89
27) 2,4-Dimethylphenol	7.70	122	257438	42.81	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	316538	37.60	ng	# 95
29) 2,4-Dichlorophenol	7.90	162	207415	42.68	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	217609	40.80	ng	98
31) Naphthalene	8.06	128	703829	39.01	ng	100
32) Benzoic acid	7.84	122	179314	41.07	ng	92
33) 4-Chloroaniline	8.11	127	366376	45.64	ng	96
34) Hexachlorobutadiene	8.18	225	128497	44.99	ng	99
35) Caprolactam	8.49	113	76609	46.41	ng	# 86
36) 4-Chloro-3-methylphenol	8.59	107	234128	40.74	ng	90
37) 2-Methylnaphthalene	8.75	142	519895	44.75	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	231624	39.89	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	109674	38.48	ng	98

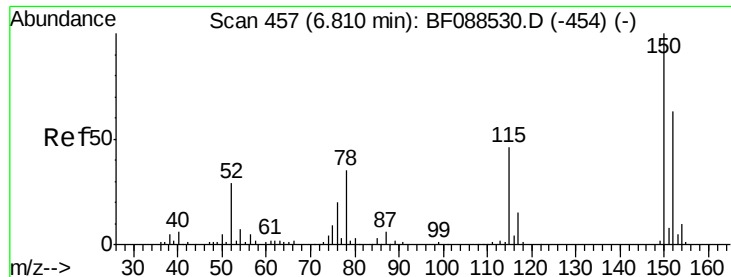
Data Path : Z:\HPCHEM1\BNA F\Data\BF070616\
 Data File : BF088738.D
 Acq On : 6 Jul 2016 17:06
 Operator : UM/SJ
 Sample : SSTDC0040
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Instrument :
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Quant Time: Jul 07 11:27:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	159776	41.73	nq	100
43) 2,4,5-Trichlorophenol	9.06	196	140569	42.67	nq #	83
45) 1,1'-Biphenyl	9.21	154	548590	37.94	nq	98
46) 2-Chloronaphthalene	9.23	162	443010	39.03	nq	96
47) 2-Nitroaniline	9.34	65	172040	42.71	nq #	64
48) Acenaphthylene	9.64	152	727743	40.30	nq	100
49) Dimethylphthalate	9.52	163	523471	42.08	nq	100
50) 2,6-Dinitrotoluene	9.58	165	119196	43.24	nq #	56
51) Acenaphthene	9.82	154	468102	42.29	nq	98
52) 3-Nitroaniline	9.75	138	169580	48.39	nq	82
53) 2,4-Dinitrophenol	9.85	184	68703	56.44	nq #	71
54) Dibenzofuran	9.99	168	567512	39.17	nq #	86
55) 4-Nitrophenol	9.91	139	130409	48.97	nq #	78
56) 2,4-Dinitrotoluene	9.98	165	158766	44.05	nq #	57
57) Fluorene	10.33	166	449091	40.22	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	121034	47.49	nq #	53
59) Diethylphthalate	10.22	149	559233	44.80	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	238813	46.03	nq	94
61) 4-Nitroaniline	10.35	138	140066	41.53	nq	83
62) Azobenzene	10.49	77	610515	42.87	nq	92
64) 4,6-Dinitro-2-methylphenol	10.39	198	101058	53.86	nq #	61
65) n-Nitrosodiphenylamine	10.44	169	430367	36.25	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	136282	38.55	nq #	71
67) Hexachlorobenzene	10.88	284	167768	42.87	nq #	90
68) Atrazine	10.98	200	161984	43.79	nq	99
69) Pentachlorophenol	11.07	266	100541	43.41	nq	98
70) Phenanthrene	11.29	178	813540	42.43	nq	99
71) Anthracene	11.34	178	715395	37.52	nq	99
72) Carbazole	11.50	167	765595	42.66	nq	99
73) Di-n-butylphthalate	11.83	149	859338	41.17	nq #	99
74) Fluoranthene	12.47	202	833091	42.86	nq	98
76) Benzidine	12.59	184	587651	44.22	nq	98
77) Pyrene	12.70	202	890743	39.96	nq	99
79) Butylbenzylphthalate	13.33	149	392458	39.47	nq	96
80) Benzo(a)anthracene	13.87	228	664727	39.27	nq	100
81) 3,3'-Dichlorobenzidine	13.84	252	246732	38.77	nq #	95
82) Chrysene	13.91	228	633684	37.84	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	513994	45.28	nq #	99
84) Di-n-octyl phthalate	14.49	149	877497	45.50	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	486224	37.74	nq #	100
87) Benzo(b)fluoranthene	14.88	252	565464	36.32	nq #	96
88) Benzo(k)fluoranthene	14.88	252	565464	41.72	nq	99
89) Benzo(a)pyrene	15.21	252	517170	39.24	nq	96
90) Dibenzo(a,h)anthracene	16.59	278	418636	38.03	nq	99
91) Benzo(g,h,i)perylene	16.97	276	410932	36.08	nq	98

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

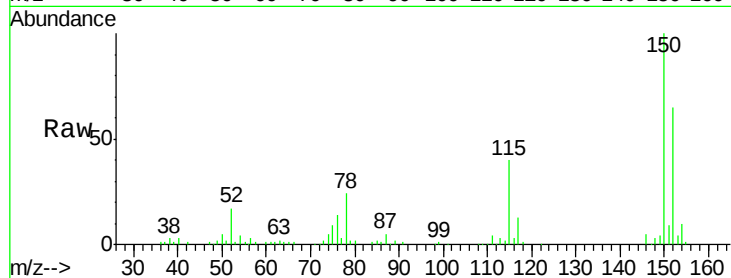


#1

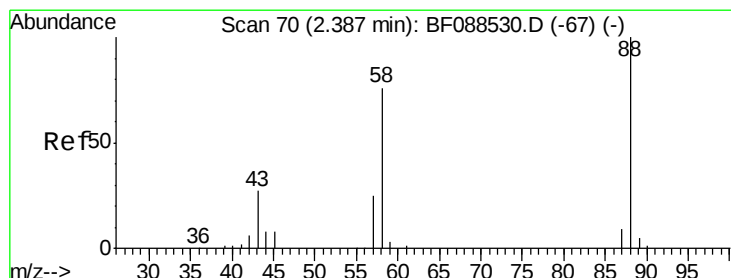
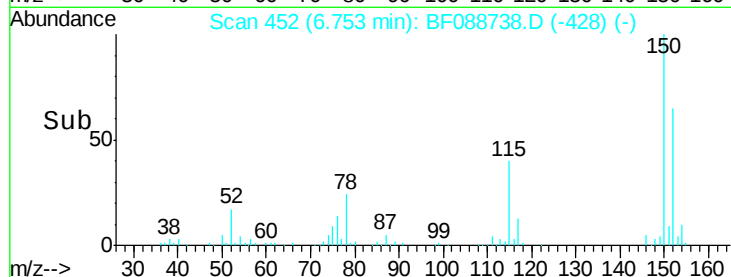
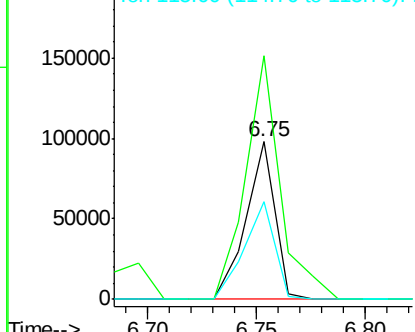
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89799
Ion Ratio Lower Upper
152 100
150 154.6 123.8 185.6
115 61.8 39.6 59.4#



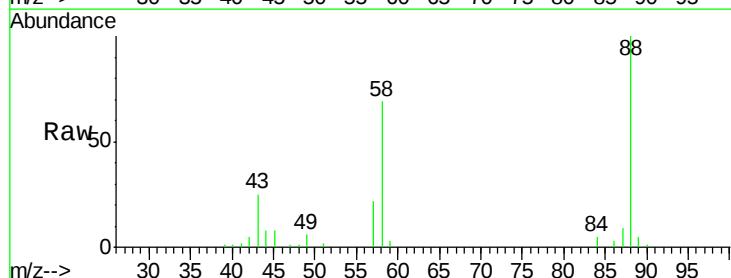
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



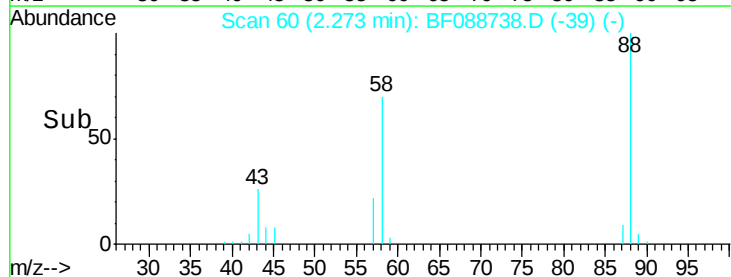
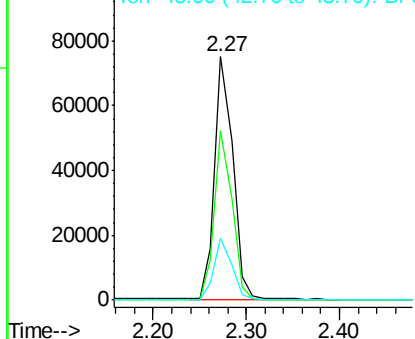
#2

1,4-Dioxane
Concen: 35.06 ng
RT: 2.27 min Scan# 60
Delta R.T. -0.06 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion: 88 Resp: 104156
Ion Ratio Lower Upper
88 100
58 66.5 0.0 0.0#
43 24.4 3.4 5.2#



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





#3

Pvridine

Concen: 34.94 ng

RT: 2.95 min Scan# 119

Delta R.T. -0.06 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

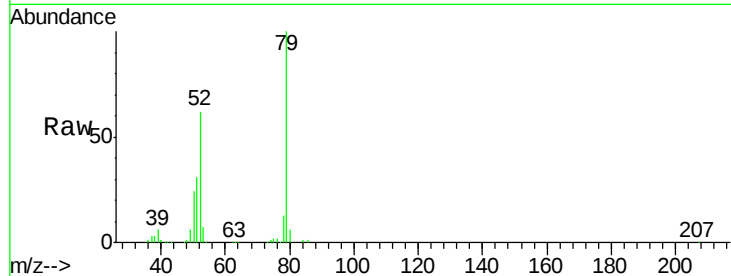
Tot Ion: 79 Resp: 301159

Ion Ratio Lower Upper

79 100

52 61.7 56.3 84.5

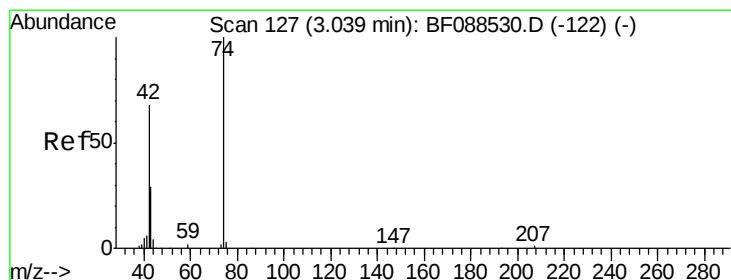
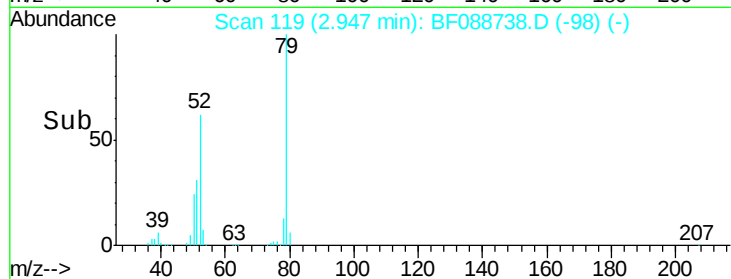
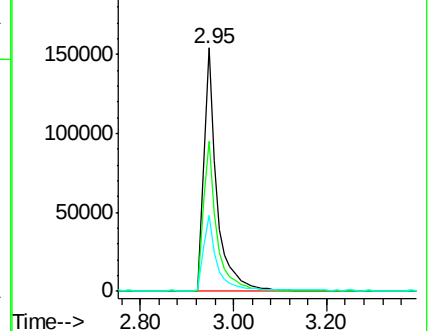
51 31.0 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.53 ng

RT: 2.90 min Scan# 115

Delta R.T. -0.07 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

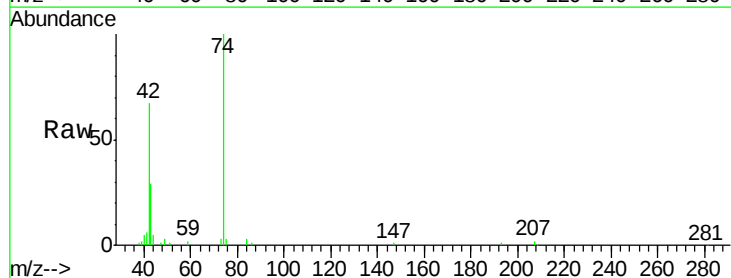
Tgt Ion: 42 Resp: 110426

Ion Ratio Lower Upper

42 100

74 148.9 108.6 163.0

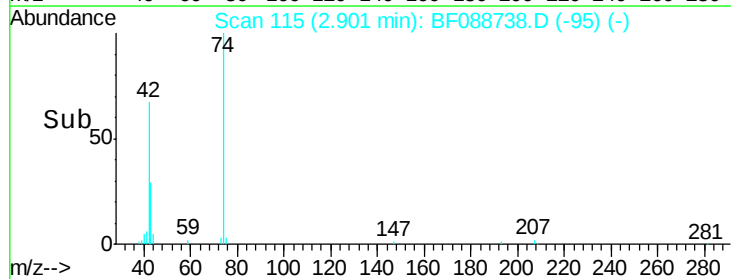
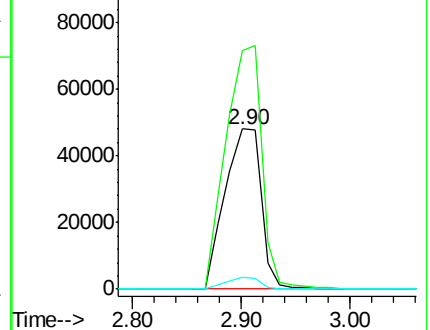
44 7.1 5.5 8.3

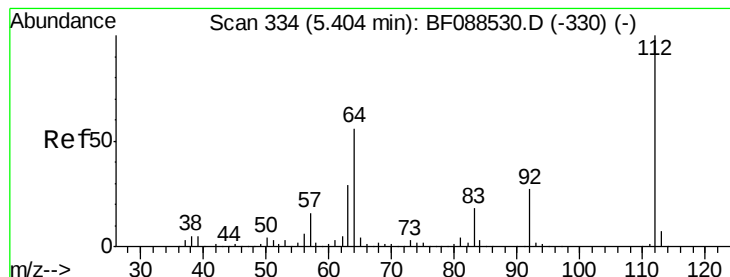


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 73.29 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

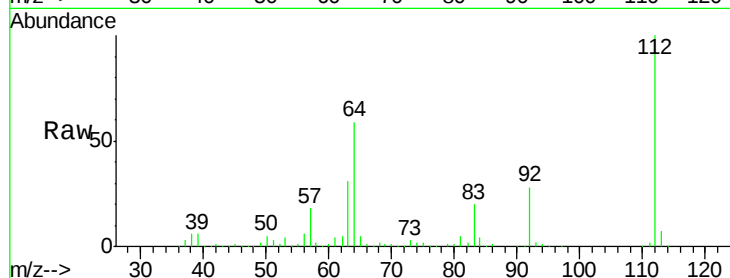
Tot Ion:112 Resp: 439162

Ion Ratio Lower Upper

112 100

64 59.2 42.2 63.2

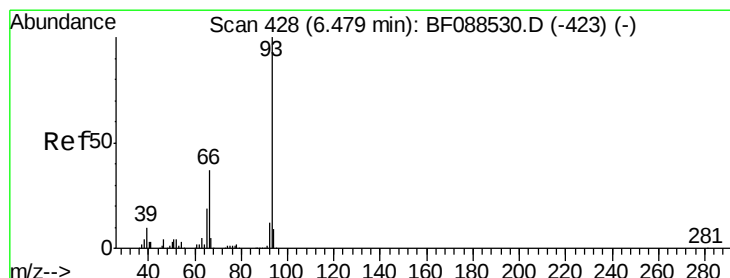
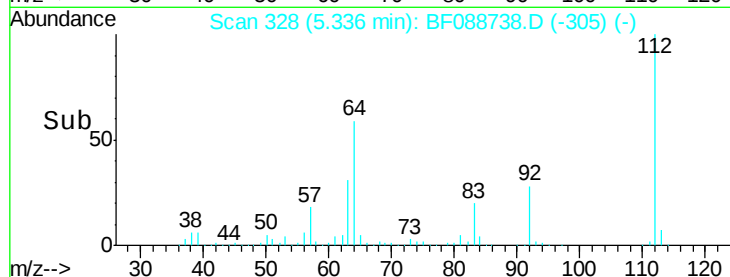
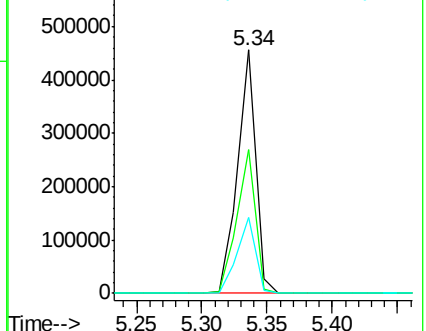
63 31.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.60 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

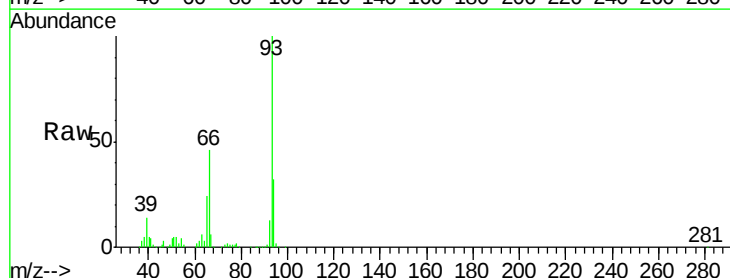
Tgt Ion: 93 Resp: 401727

Ion Ratio Lower Upper

93 100

66 45.9 29.8 44.8#

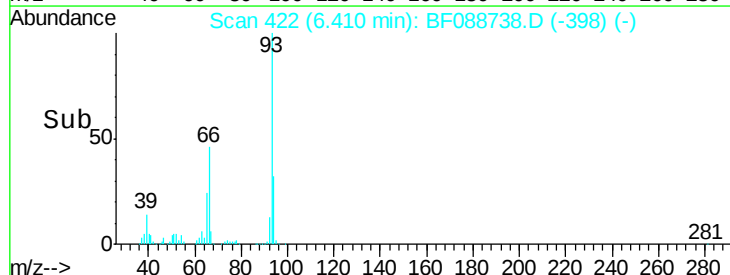
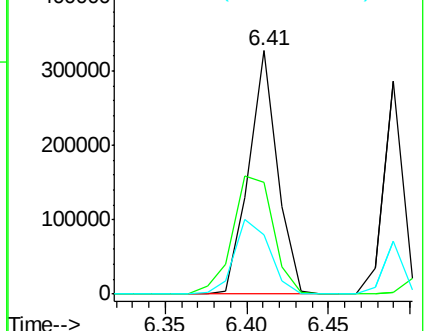
65 24.3 14.9 22.3#

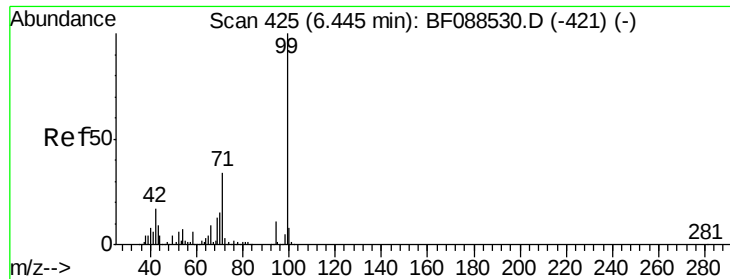


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.48 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

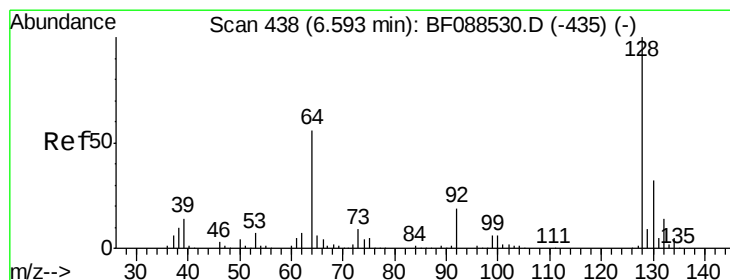
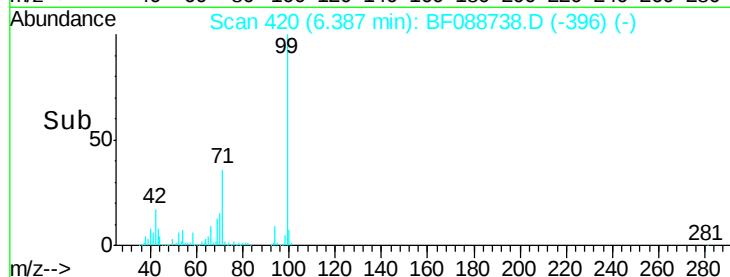
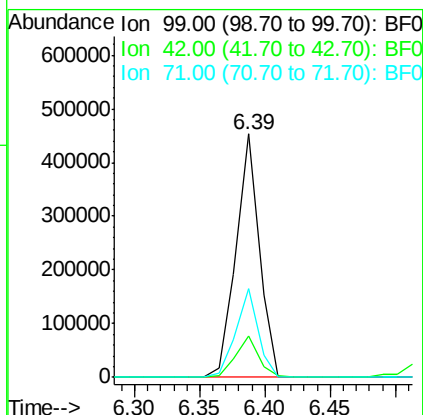
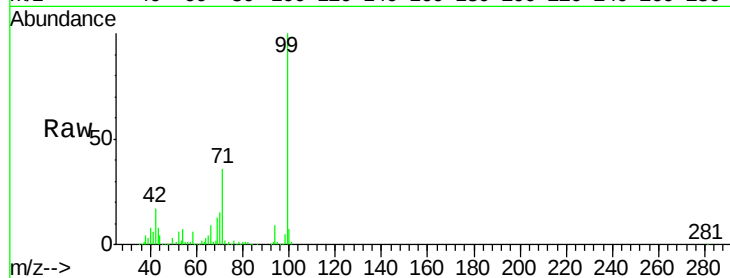
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 561154

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	36.4	23.4	35.0#



#8

2-Chlorophenol

Concen: 40.81 ng

RT: 6.54 min Scan# 433

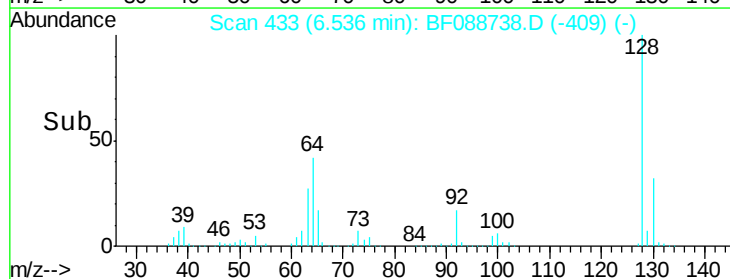
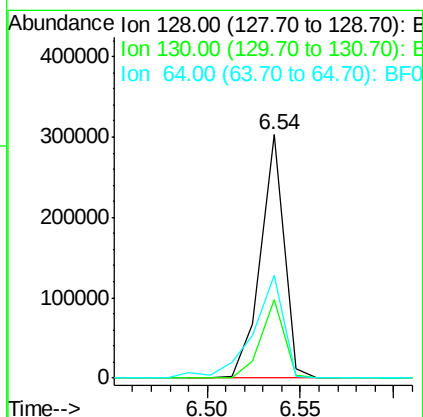
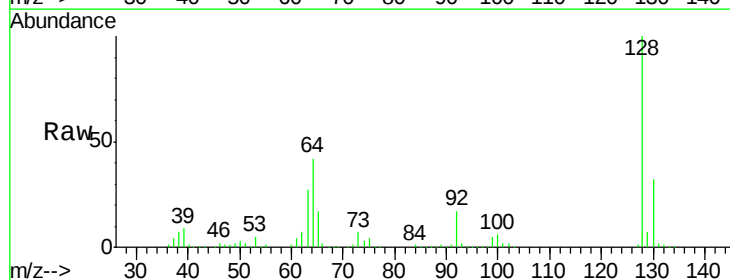
Delta R.T. -0.02 min

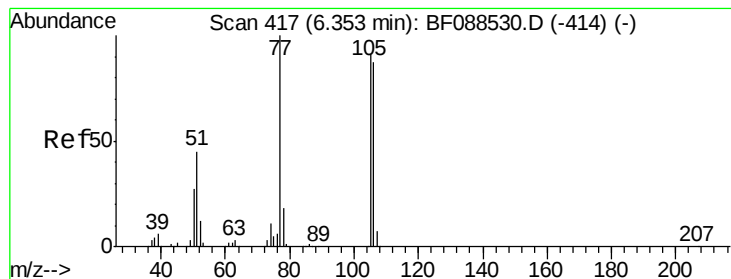
Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion: 128 Resp: 262794

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	42.1	30.8	70.8





#9

Benzaldehyde

Concen: 34.66 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

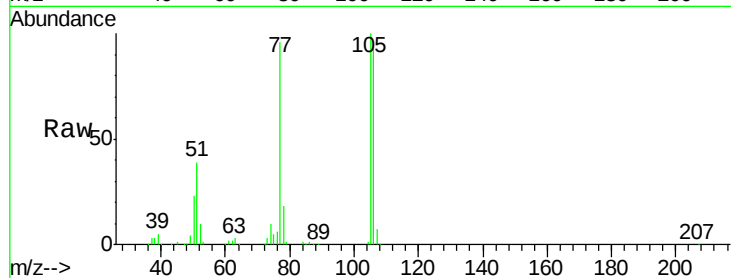
Tot Ion: 77 Resp: 181779

Ion Ratio Lower Upper

77 100

105 104.3 90.6 130.6

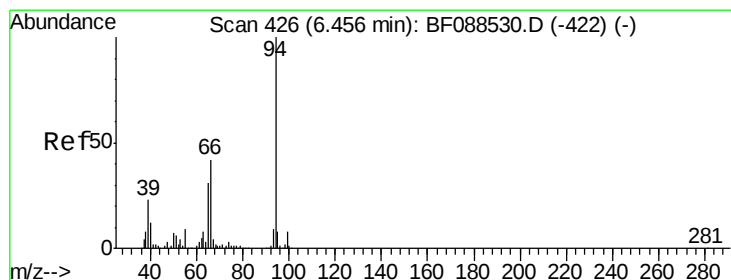
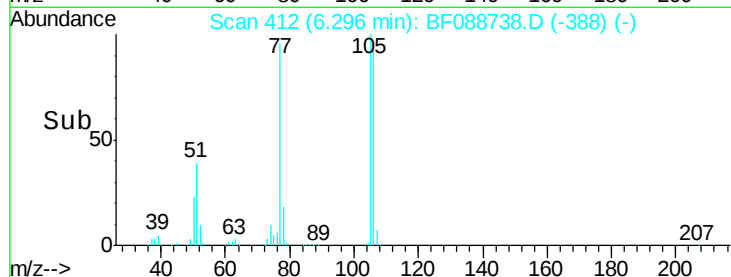
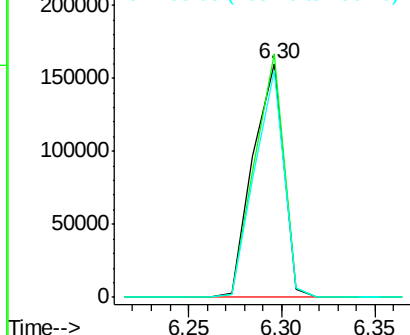
106 97.4 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.40 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

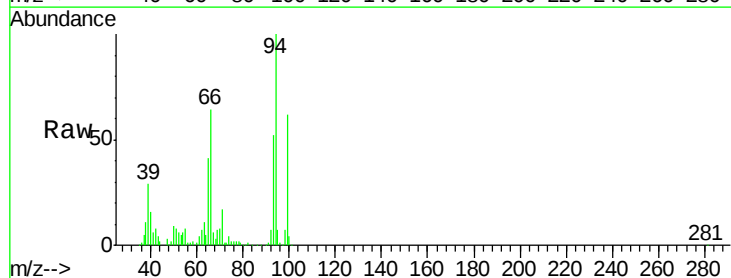
Tgt Ion: 94 Resp: 277408

Ion Ratio Lower Upper

94 100

65 40.6 5.9 45.9

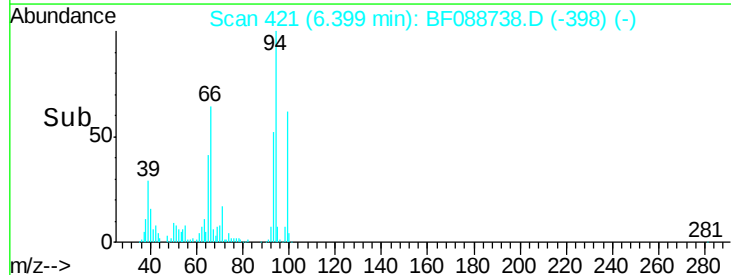
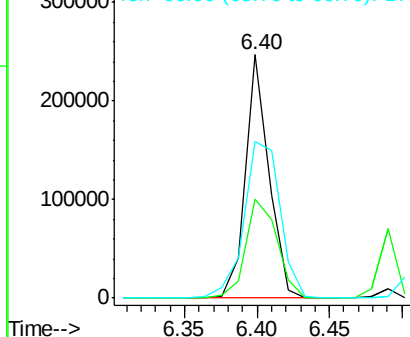
66 64.1 14.0 54.0#

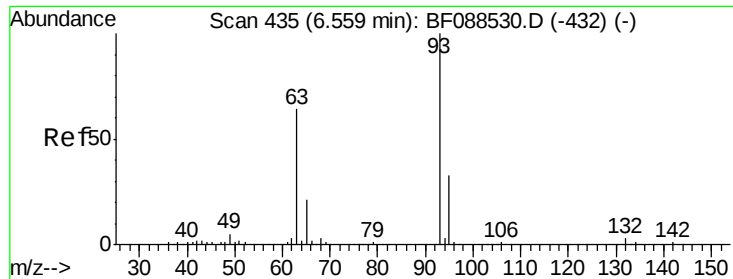


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.56 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

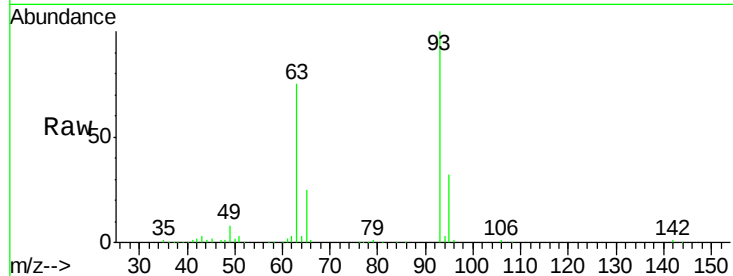
Tot Ion: 93 Resp: 234292

Ion Ratio Lower Upper

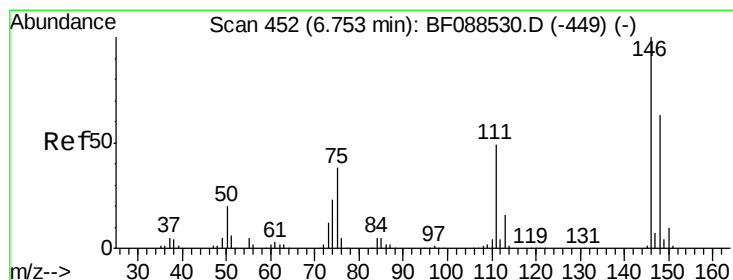
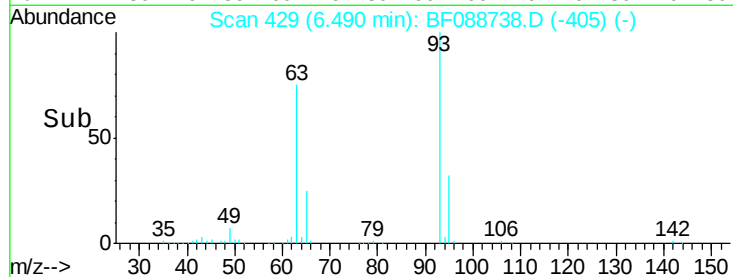
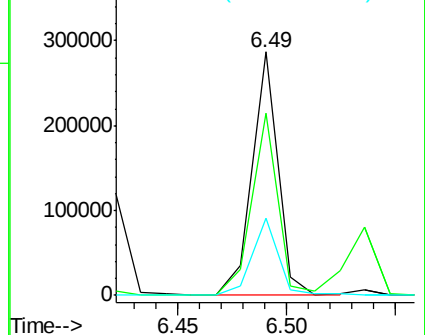
93 100

63 74.6 67.6 107.6

95 31.9 12.5 52.5



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.72 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.21 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

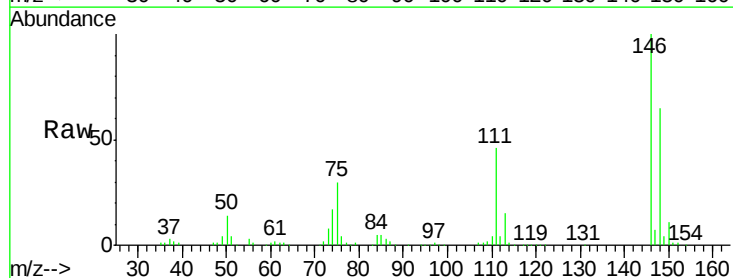
Tgt Ion: 146 Resp: 281439

Ion Ratio Lower Upper

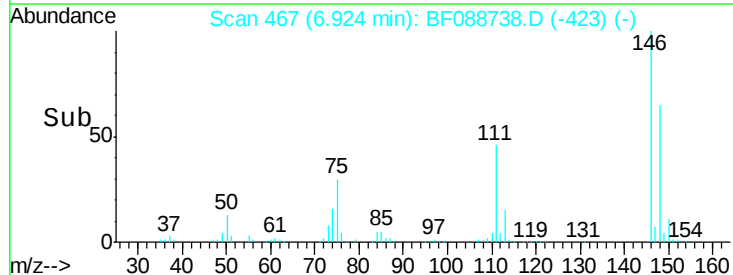
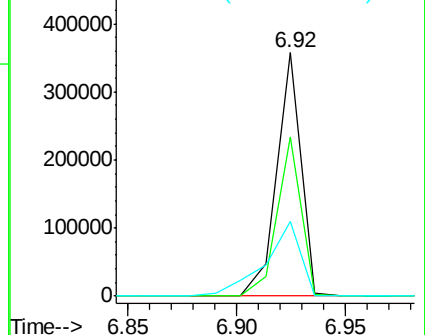
146 100

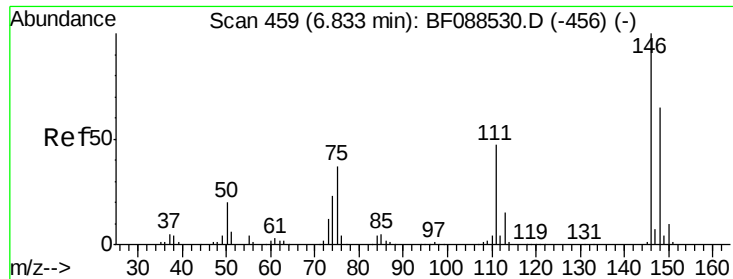
148 65.1 50.9 76.3

75 30.5 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

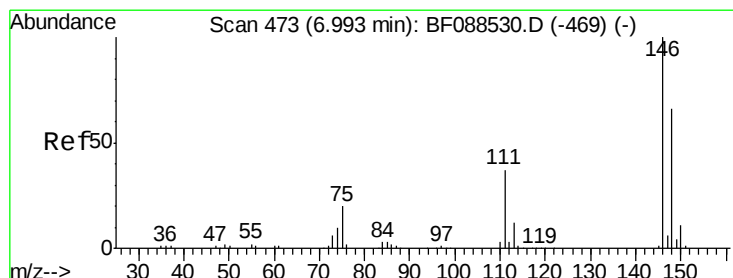
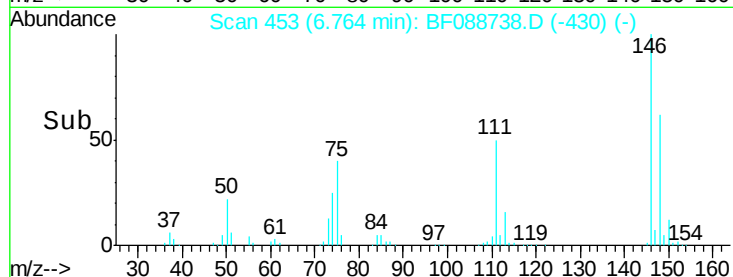
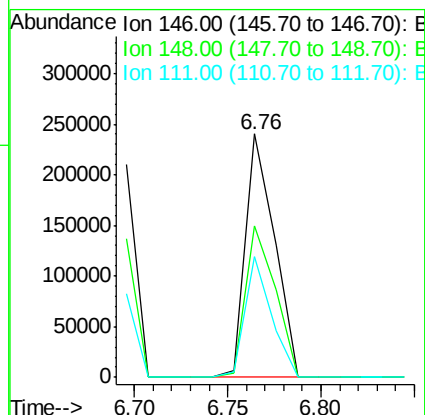
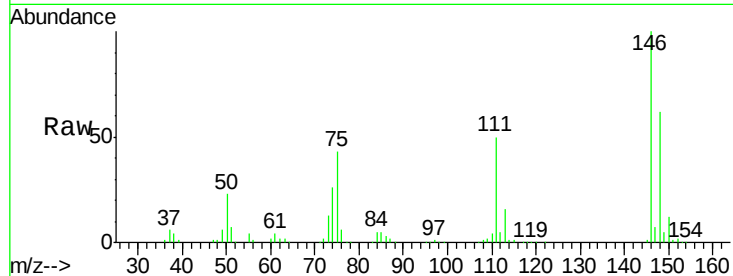




#13
 1,4-Dichlorobenzene
 Concen: 36.88 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

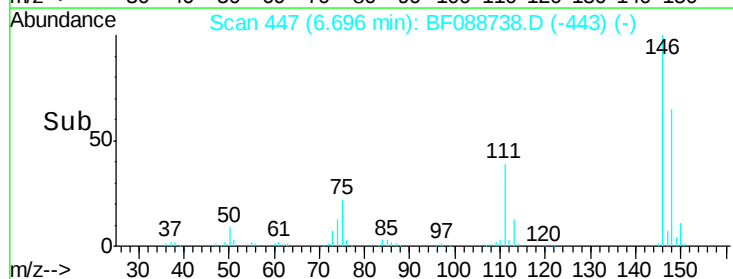
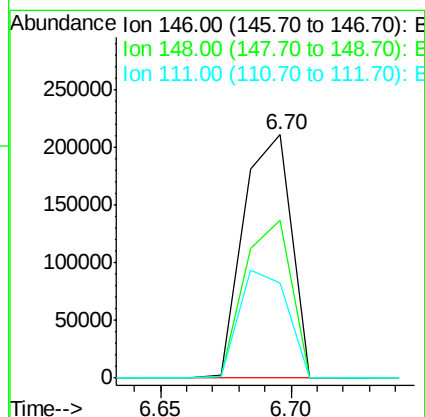
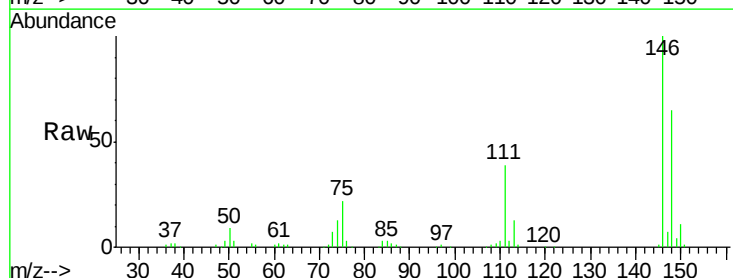
Instrument :
 BNA_F
 ClientSampleId :

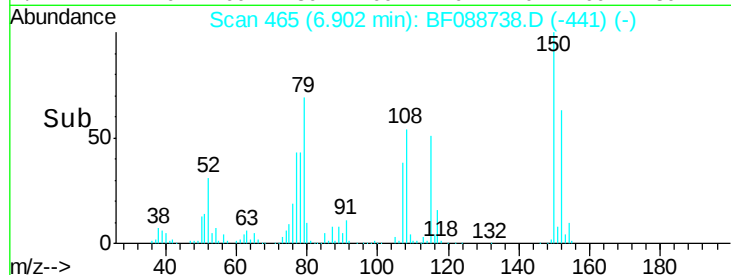
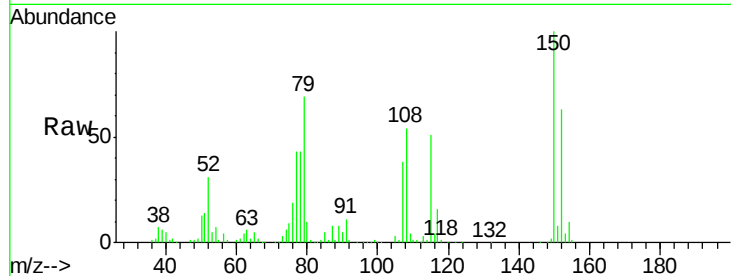
Tot Ion:146 Resp: 259411
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.0 78.0
 111 49.8 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 41.21 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.25 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion:146 Resp: 271293
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 39.1 28.7 43.1





#15

Benzyl Alcohol

Concen: 40.92 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

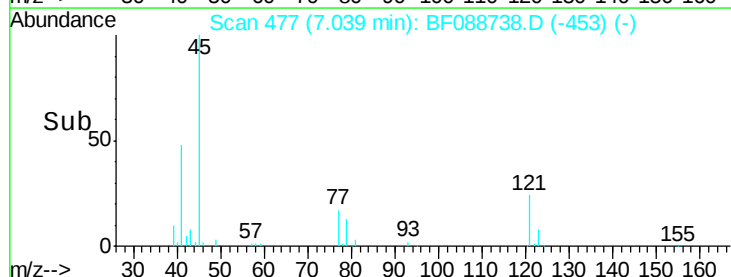
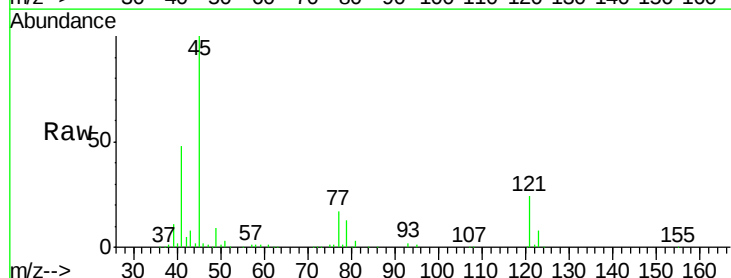
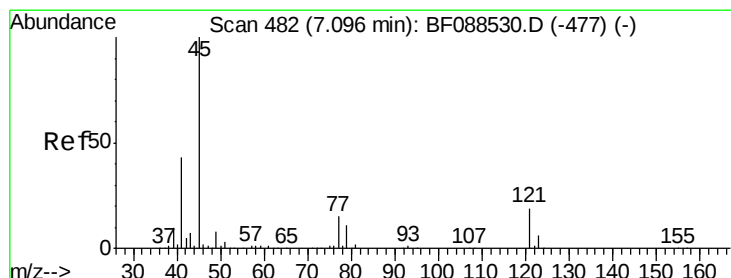
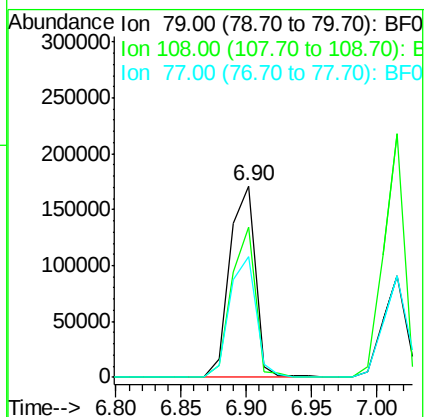
Tot Ion: 79 Resp: 233175

Ion Ratio Lower Upper

79 100

108 78.6 65.0 97.6

77 63.1 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.33 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

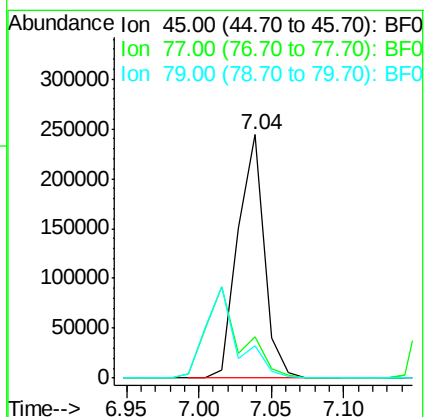
Tgt Ion: 45 Resp: 308493

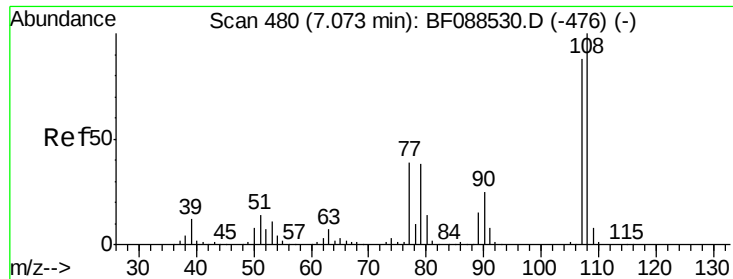
Ion Ratio Lower Upper

45 100

77 17.0 0.0 32.5

79 13.1 0.0 29.5

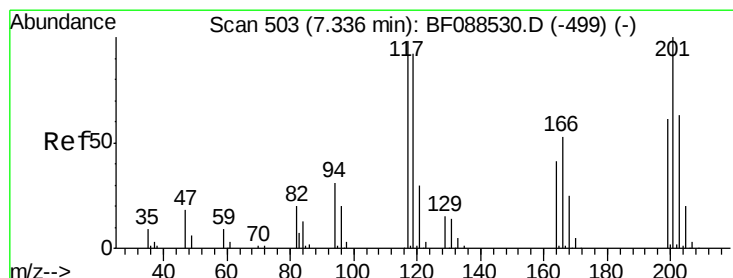
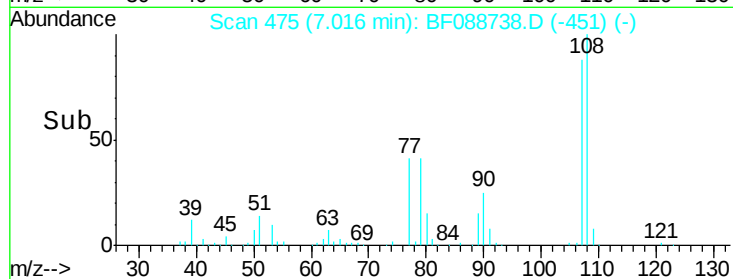
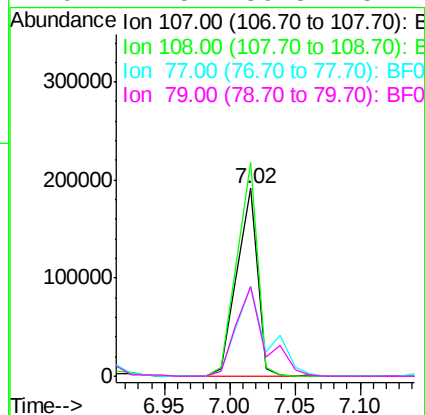
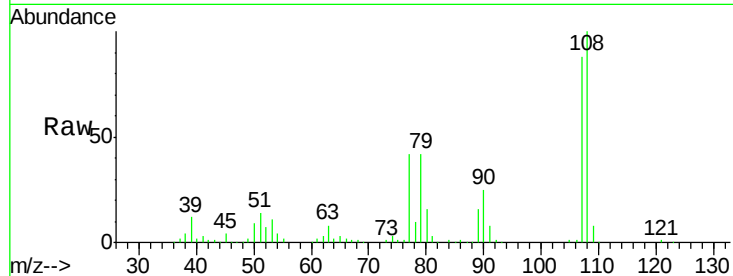




#17
2-Methylphenol
Concen: 40.05 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

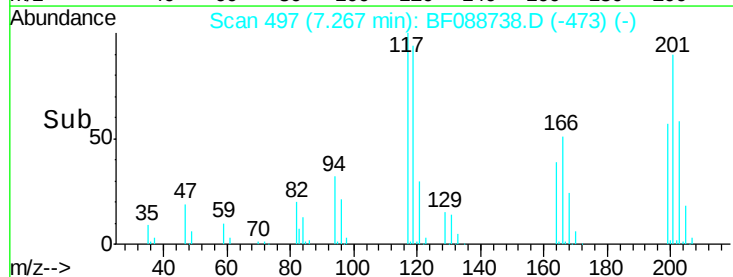
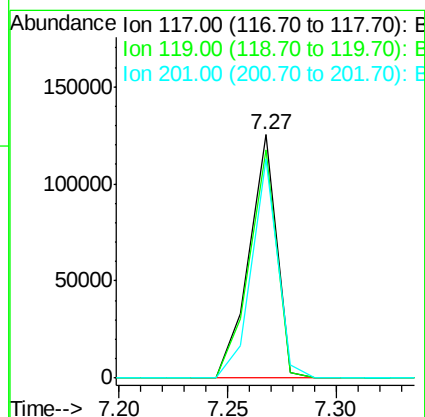
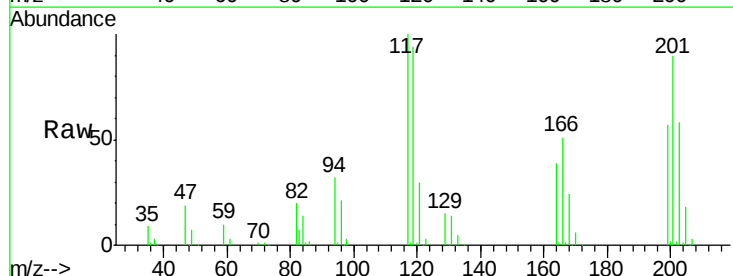
Instrument :
BNA_F
ClientSampleId :

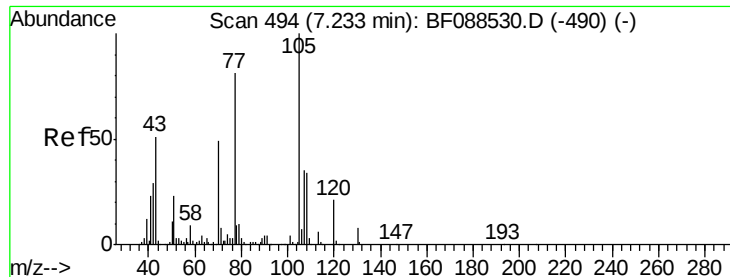
Tot Ion:	107	Resp:	210376
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	47.6	36.6	55.0
79	47.5	36.5	54.7



#18
Hexachloroethane
Concen: 40.70 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:	117	Resp:	110748
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.4	116.2
201	90.2	80.4	120.6

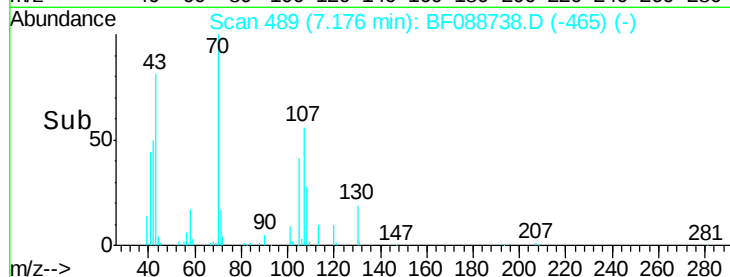
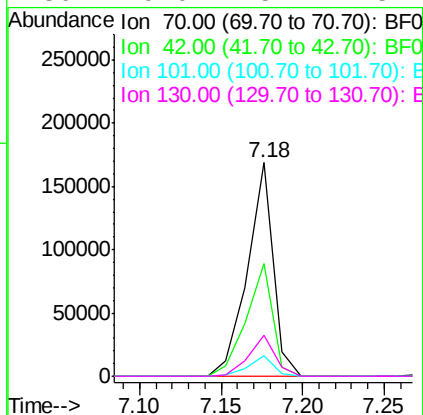
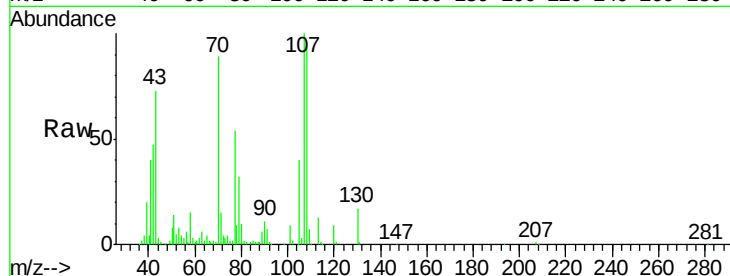




#19
n-Nitroso-di-n-propylamine
Concen: 35.52 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

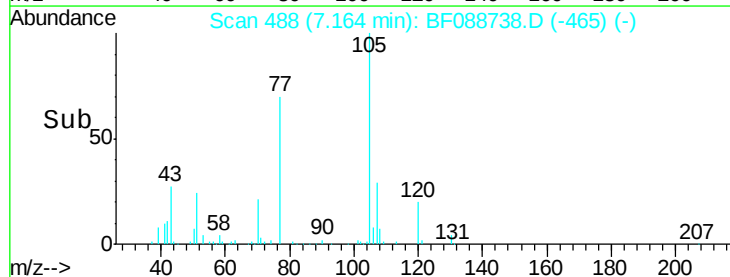
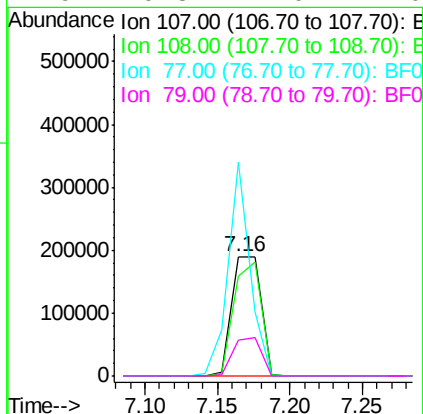
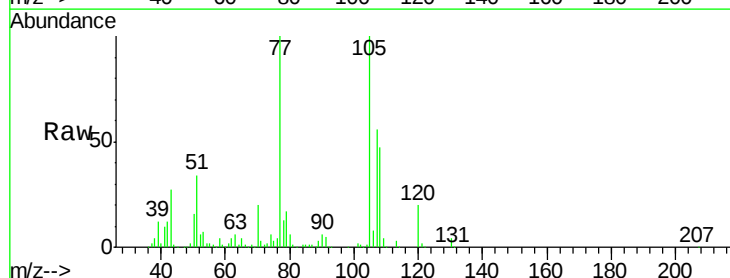
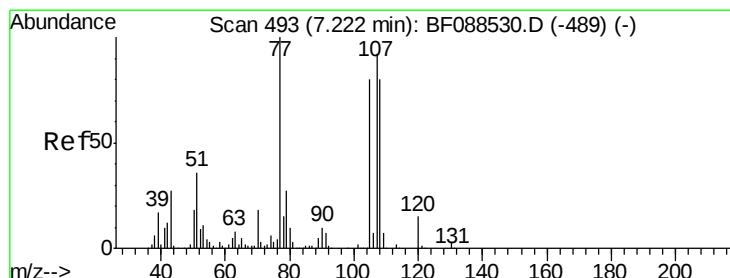
Instrument :
BNA_F
ClientSampleId :

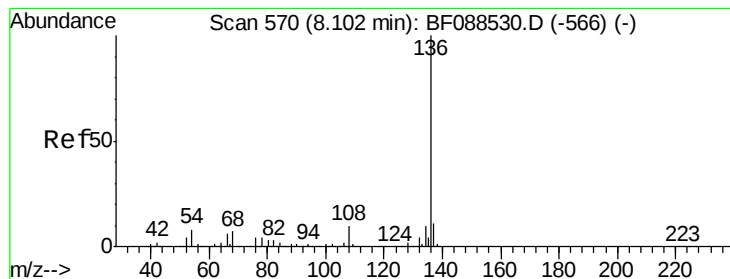
Tot Ion: 70 Resp: 184699
Ion Ratio Lower Upper
70 100
42 52.9 49.6 74.4
101 9.6 7.1 10.7
130 19.0 15.4 23.2



#20
3+4-Methylphenols
Concen: 42.12 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:107 Resp: 265563
Ion Ratio Lower Upper
107 100
108 83.6 67.8 107.8
77 178.4 59.3 99.3#
79 29.8 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 365975

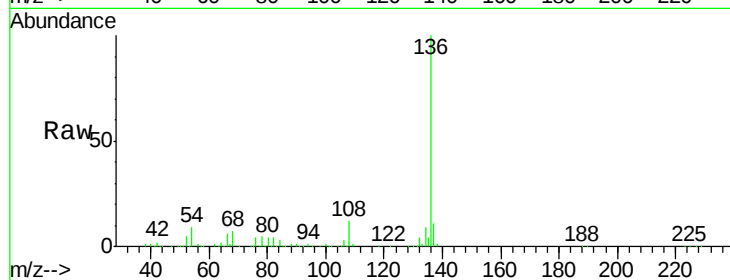
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.9 6.6 10.0

68 7.2 5.1 7.7

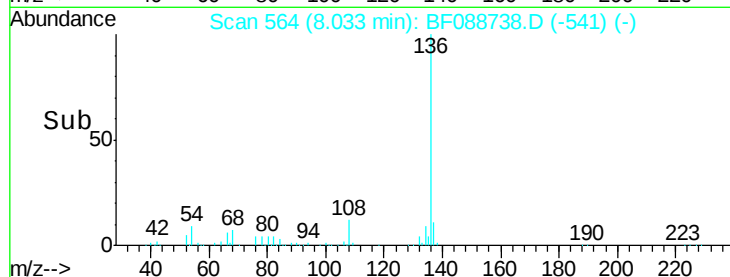


Abundance Ion 136.00 (135.70 to 136.70): E

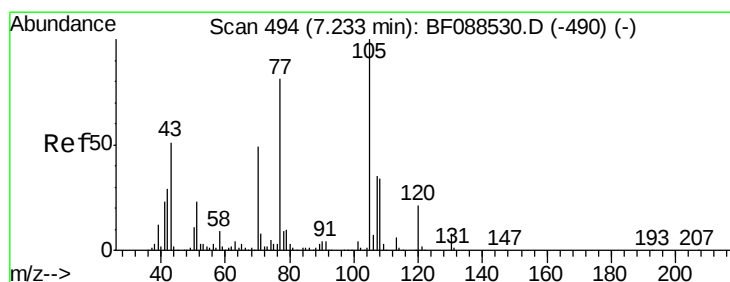
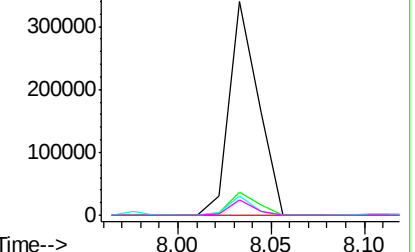
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.72 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion:105 Resp: 343970

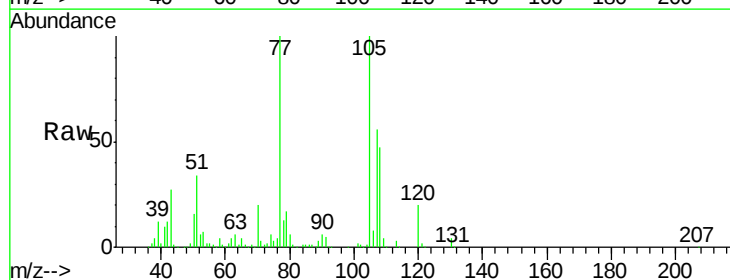
Ion Ratio Lower Upper

105 100

71 3.5 5.3 7.9#

51 33.8 18.2 27.4#

120 19.7 18.0 27.0

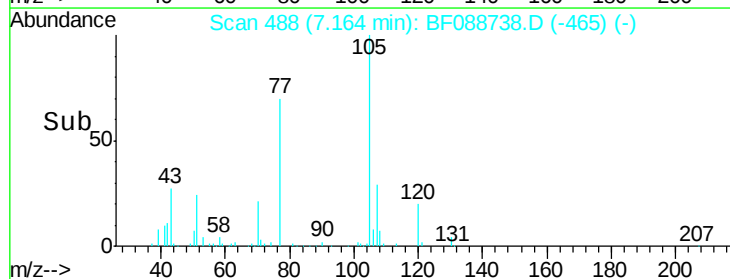


Abundance Ion 105.00 (104.70 to 105.70): E

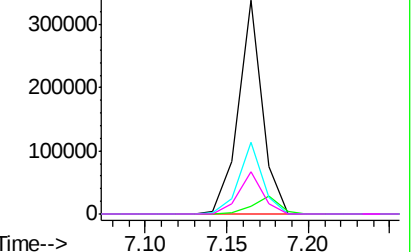
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

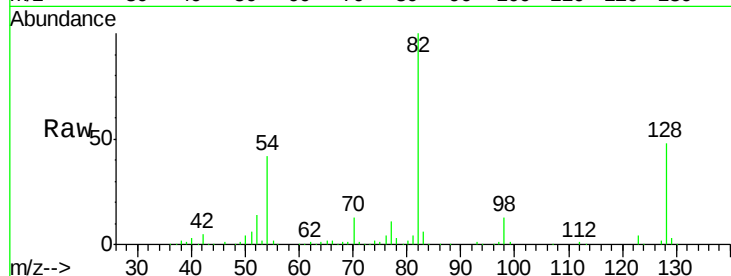




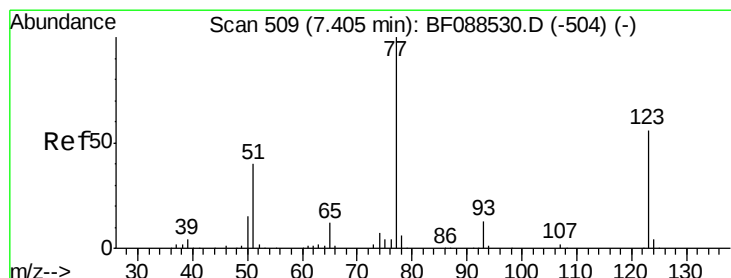
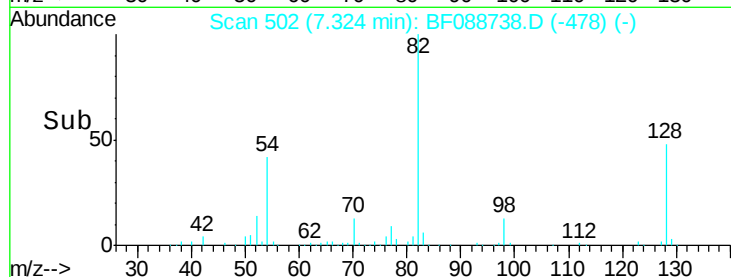
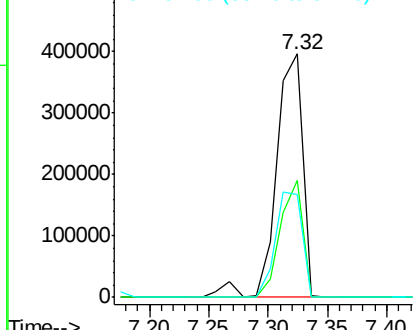
#23
 Nitrobenzene-d5
 Concen: 86.18 ng
 RT: 7.32 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	601845
Ion Ratio	100	Lower	Upper
128	48.2	35.9	53.9
54	42.5	40.9	61.3

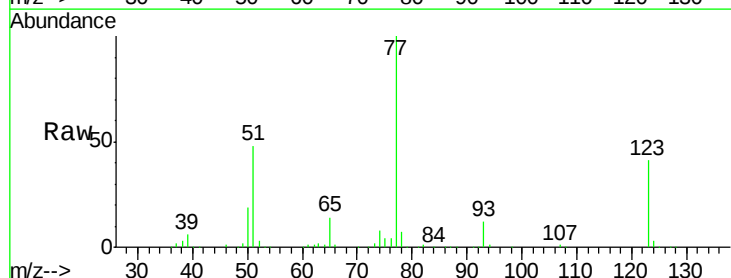


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

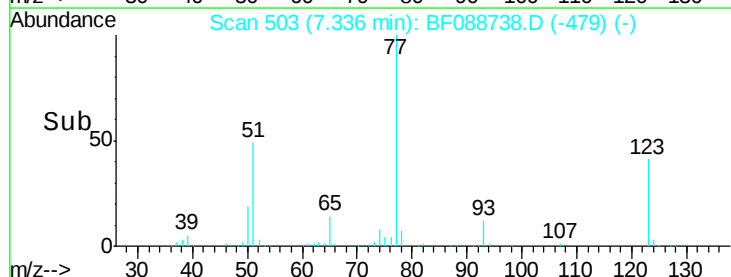
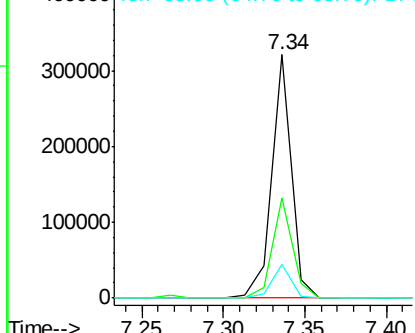


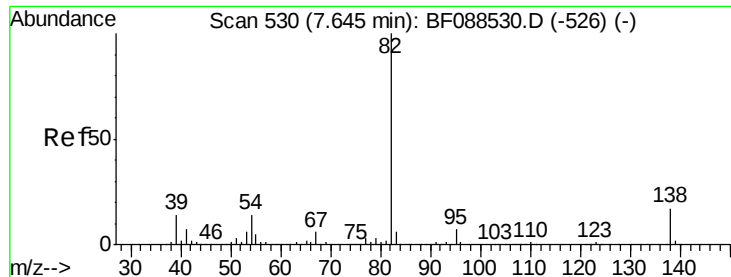
#24
 Nitrobenzene
 Concen: 38.18 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion	77	Resp	268811
Ion Ratio	100	Lower	Upper
123	41.0	45.0	67.4#
65	13.6	10.2	15.2



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





#25

Isophorone

Concen: 39.71 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

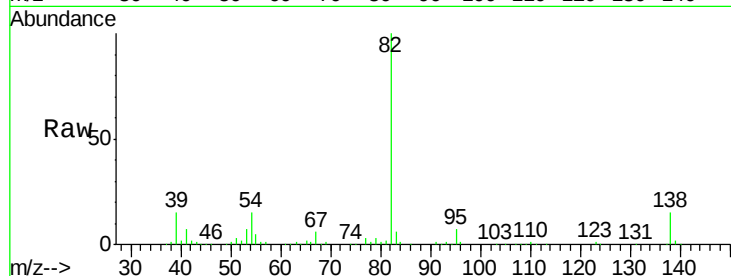
Tot Ion: 82 Resp: 513751

Ion Ratio Lower Upper

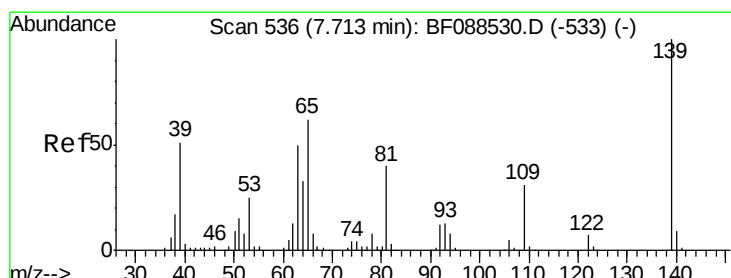
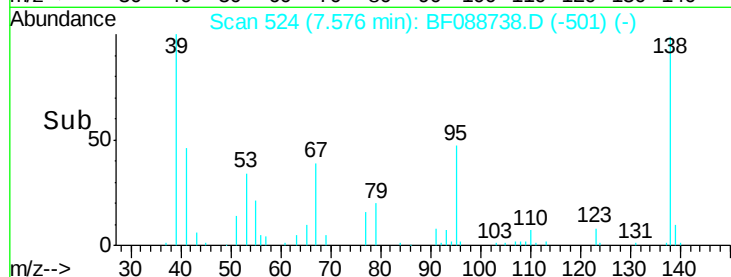
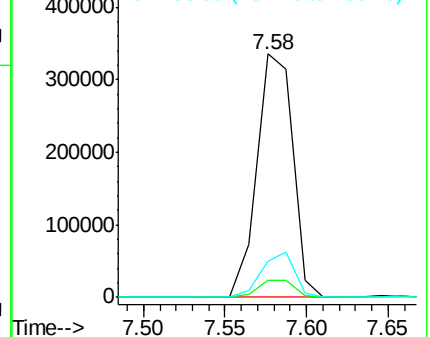
82 100

95 7.2 5.4 8.2

138 15.0 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: 50.72 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

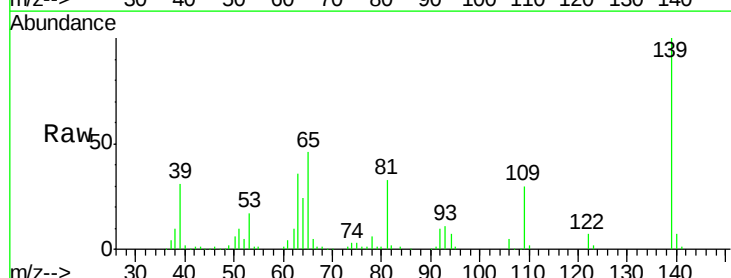
Tgt Ion: 139 Resp: 146438

Ion Ratio Lower Upper

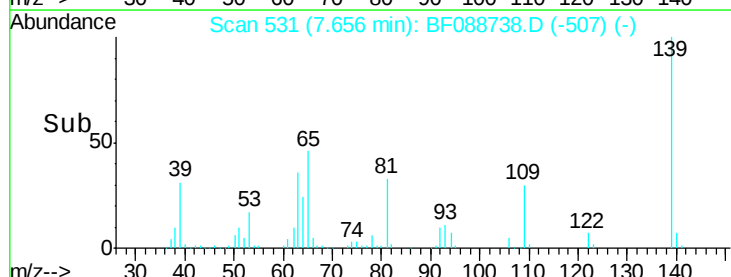
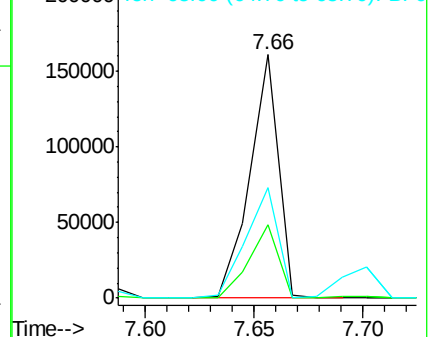
139 100

109 30.0 23.0 34.4

65 45.5 45.8 68.8#



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

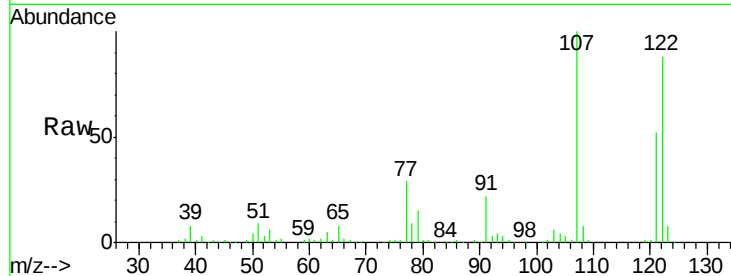




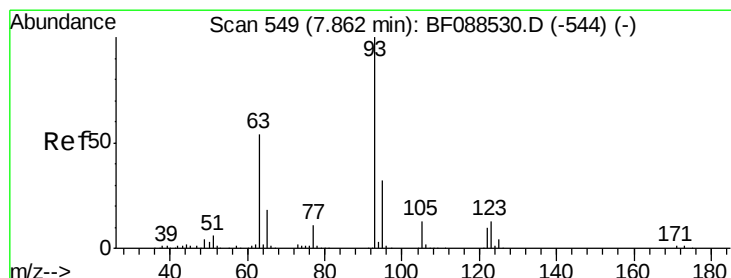
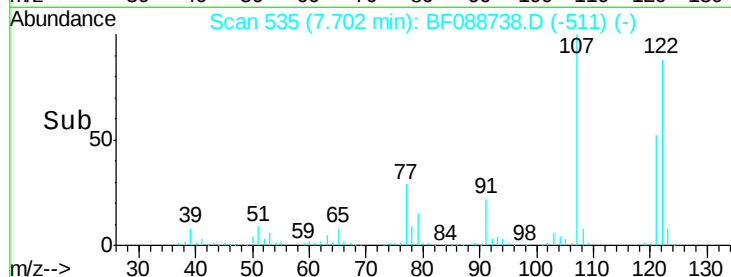
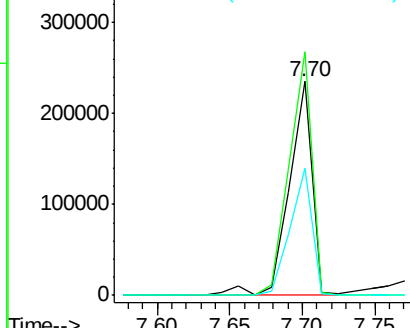
#27
2,4-Dimethylphenol
Concen: 42.81 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 257438
Ion Ratio Lower Upper
122 100
107 113.7 82.4 123.6
121 59.3 46.3 69.5

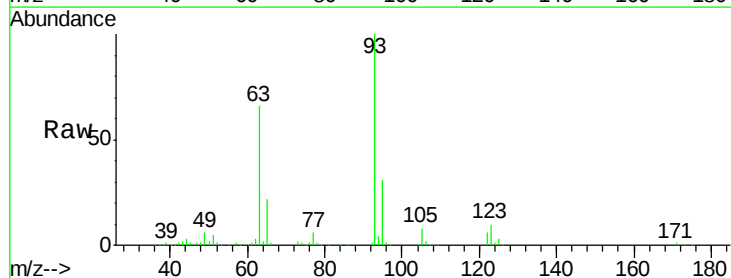


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

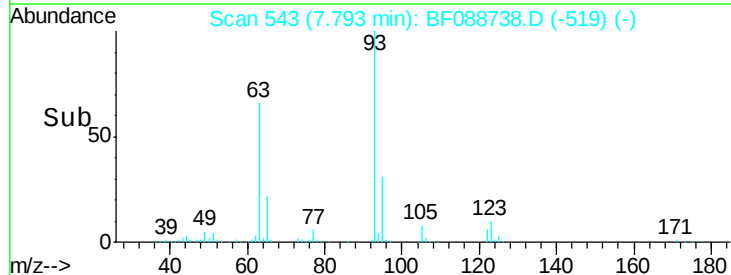
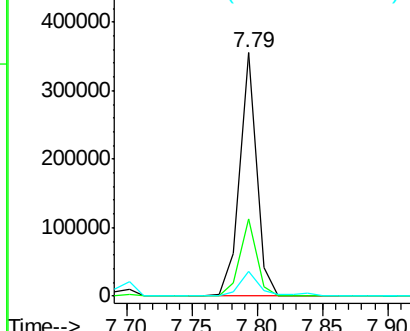


#28
bis(2-Chloroethoxy)methane
Concen: 37.60 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion: 93 Resp: 316538
Ion Ratio Lower Upper
93 100
95 31.5 26.5 39.7
123 10.2 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

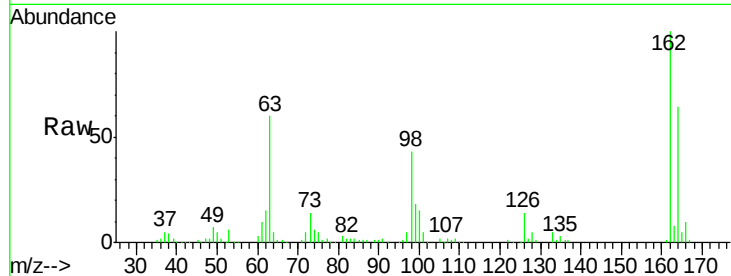




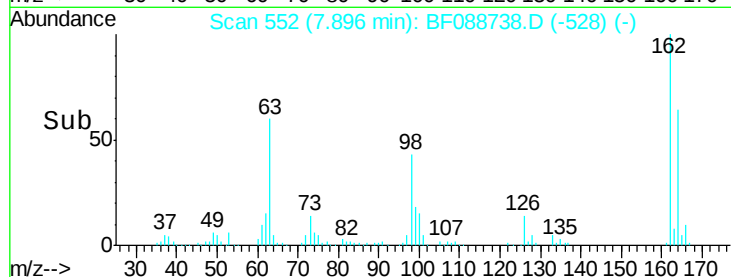
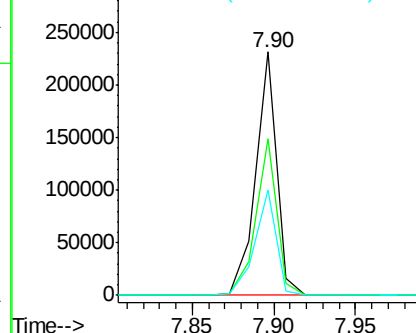
#29
 2,4-Dichlorophenol
 Concen: 42.68 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 207415
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.8 83.8
 98 43.2 21.3 61.3

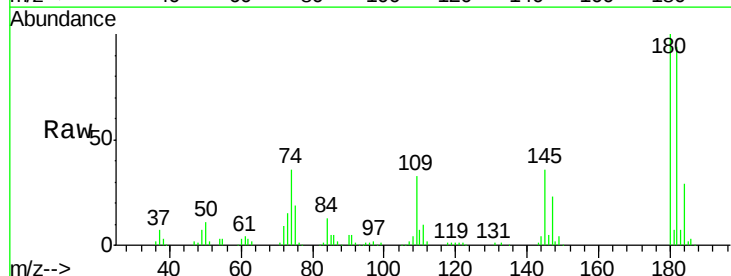


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

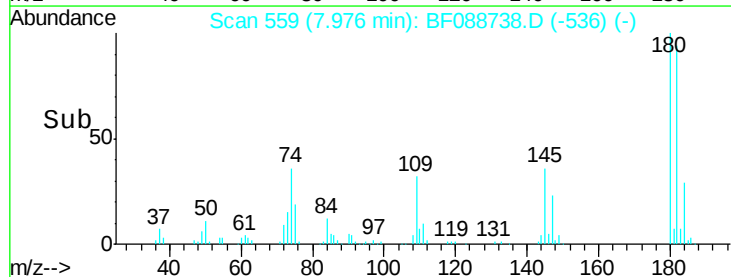
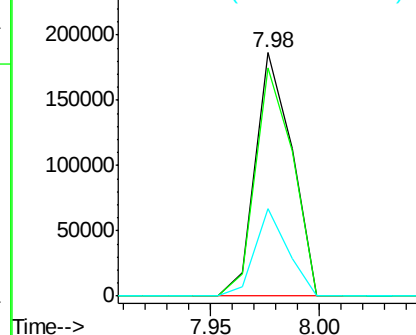


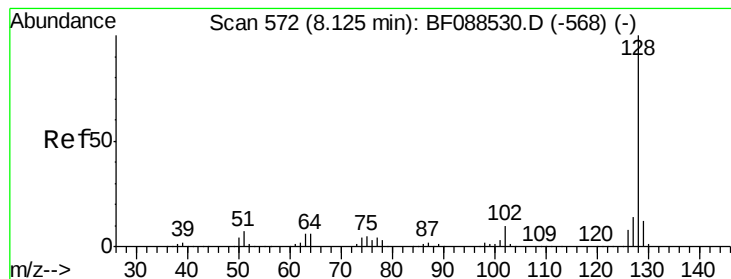
#30
 1,2,4-Trichlorobenzene
 Concen: 40.80 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion:180 Resp: 217609
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.0 114.0
 145 35.7 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: 39.01 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampled :

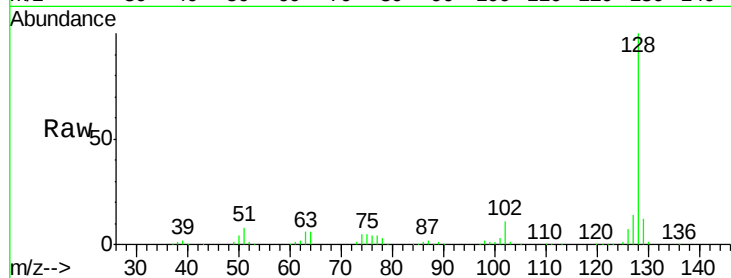
Tot Ion:128 Resp: 703829

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

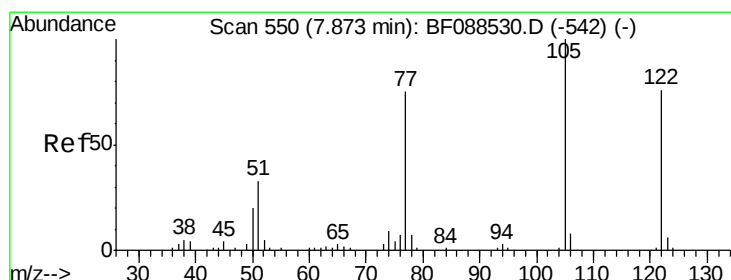
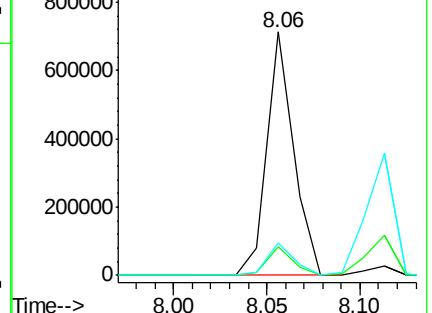
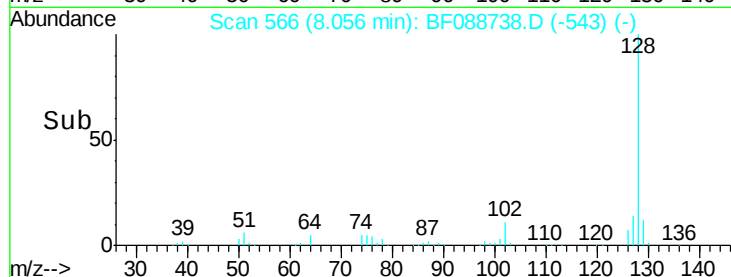
127 13.6 10.9 16.3



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: 41.07 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

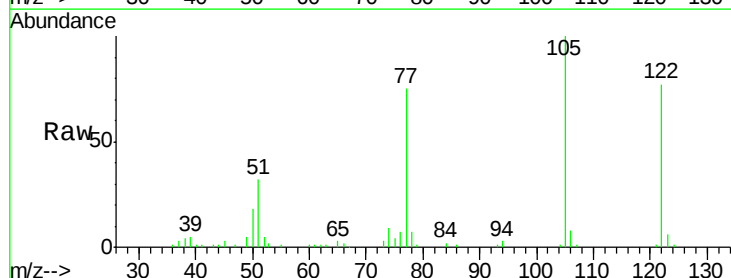
Tgt Ion:122 Resp: 179314

Ion Ratio Lower Upper

122 100

105 130.6 101.6 141.6

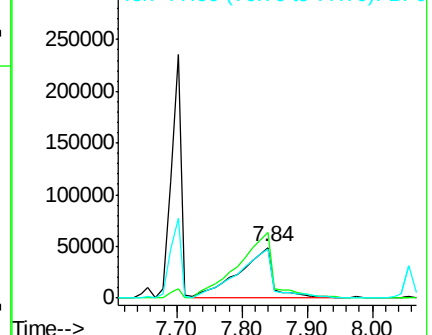
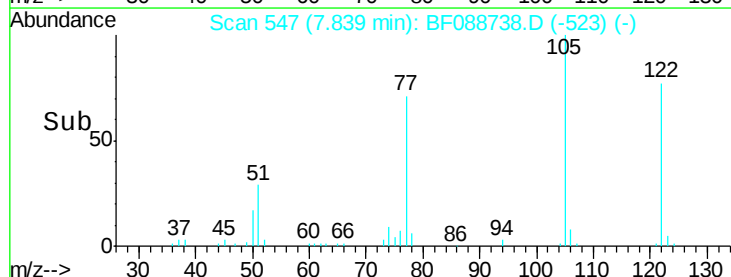
77 98.0 70.6 110.6

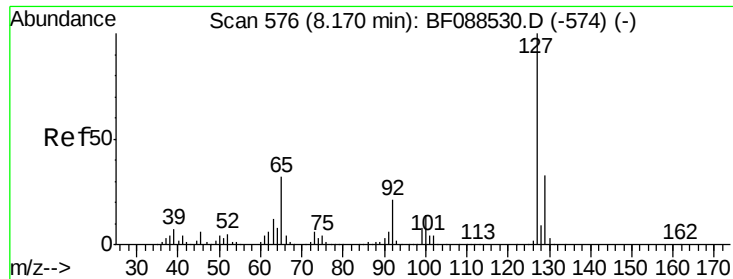


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

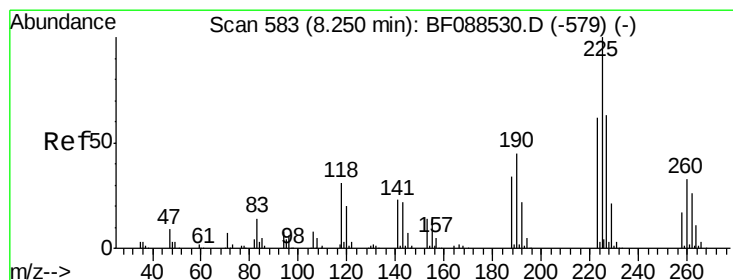
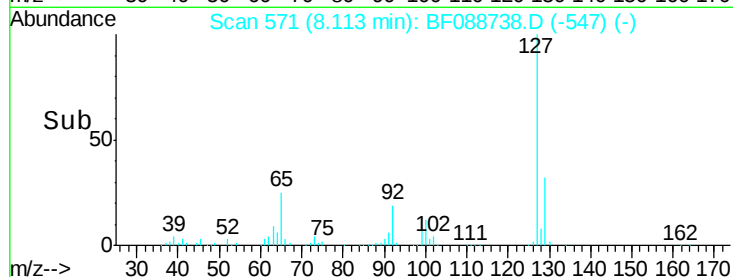
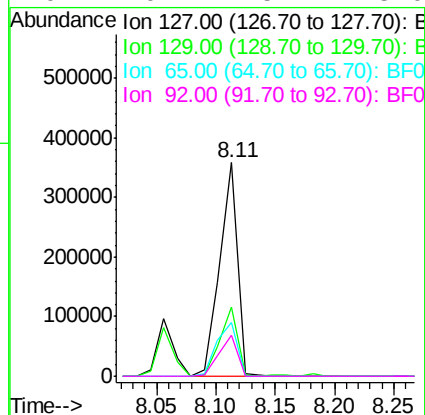
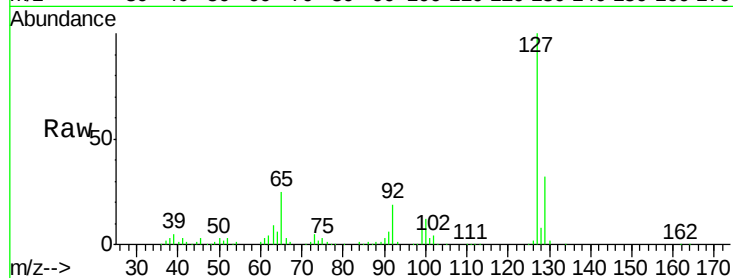




#33
4-Chloroaniline
Concen: 45.64 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

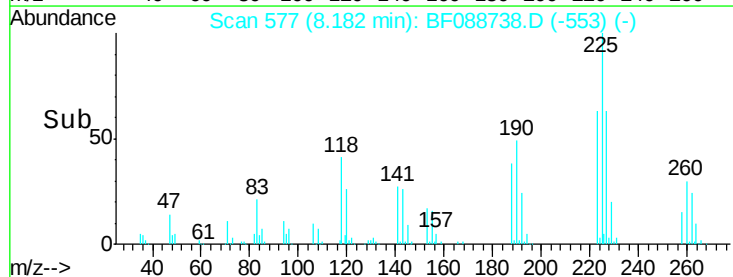
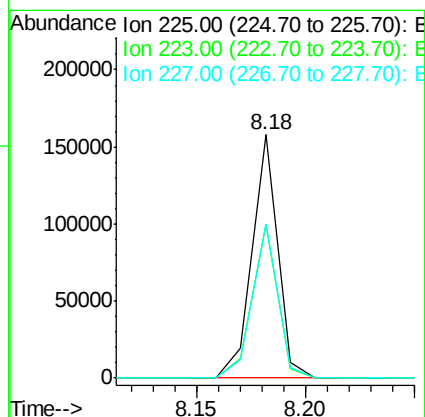
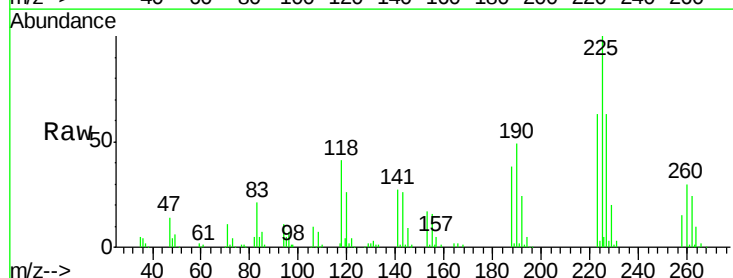
Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	366376
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	25.2	24.7	37.1
92	19.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 44.99 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:	225	Resp:	128497
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	63.0	51.9	77.9

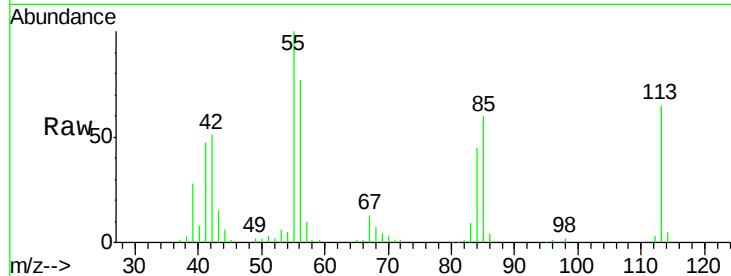




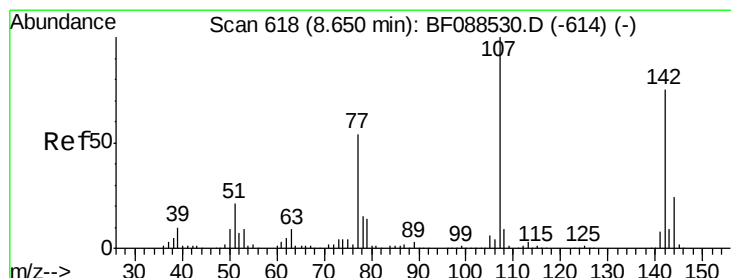
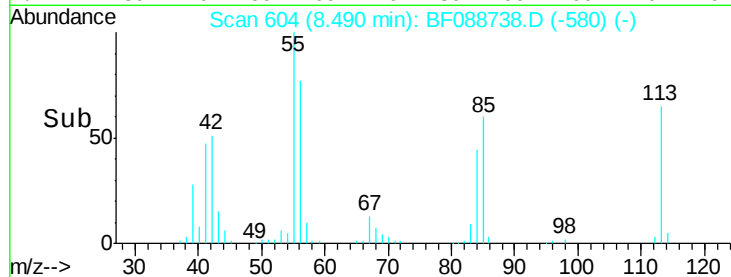
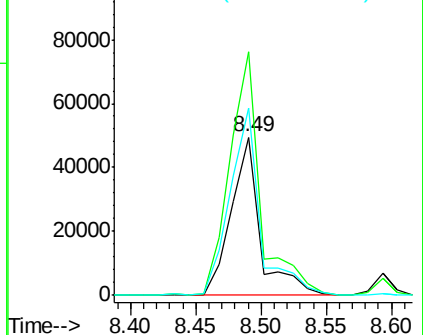
#35
Caprolactam
Concen: 46.41 ng
RT: 8.49 min Scan# 604
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 76609
Ion Ratio Lower Upper
113 100
55 153.8 158.6 198.6#
56 118.6 110.6 150.6

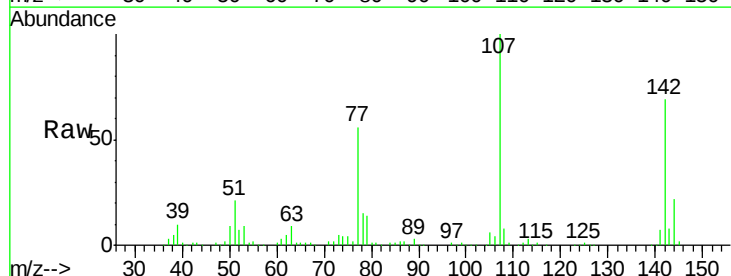


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

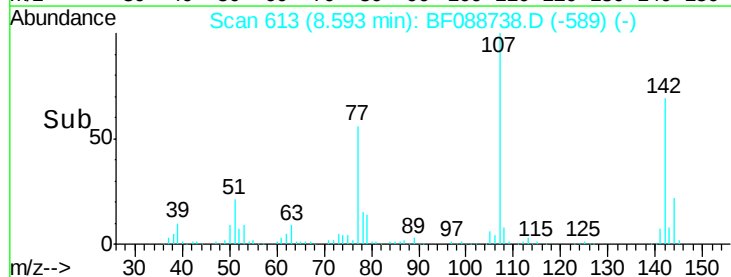
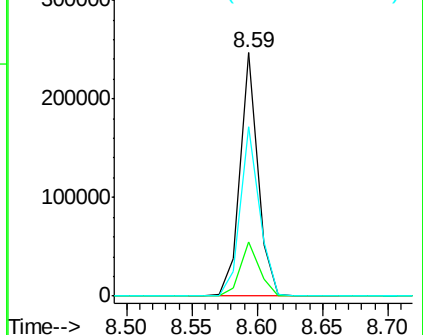


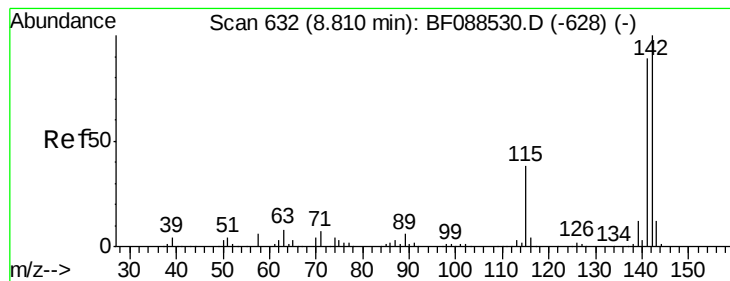
#36
4-Chloro-3-methylphenol
Concen: 40.74 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:107 Resp: 234128
Ion Ratio Lower Upper
107 100
144 22.4 20.8 31.2
142 69.5 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

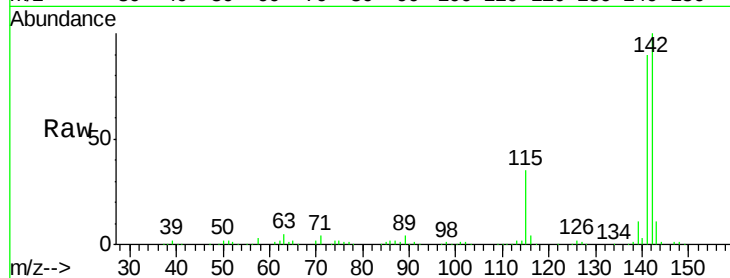




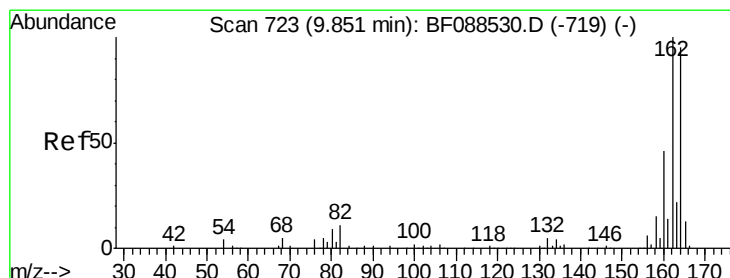
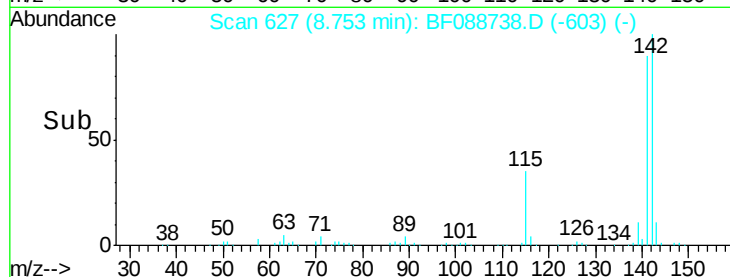
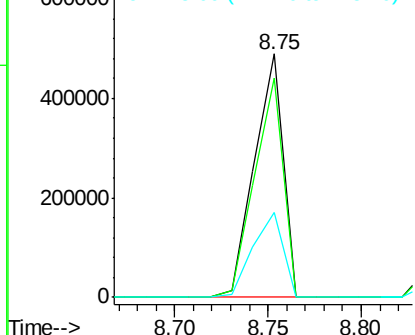
#37
 2-Methylnaphthalene
 Concen: 44.75 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 519895
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.0 106.6
 115 35.0 22.6 33.8#

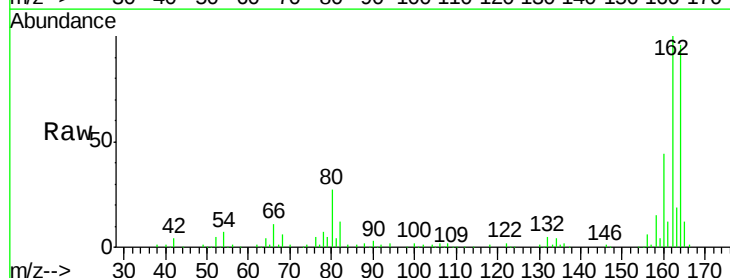


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

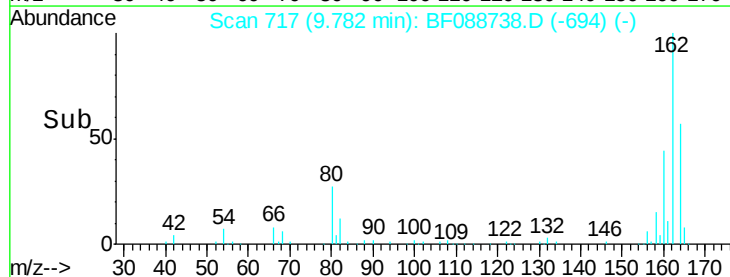
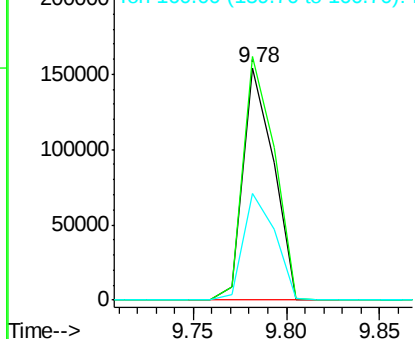


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.03 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion:164 Resp: 174600
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.4 128.2
 160 45.9 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.89 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088738.D

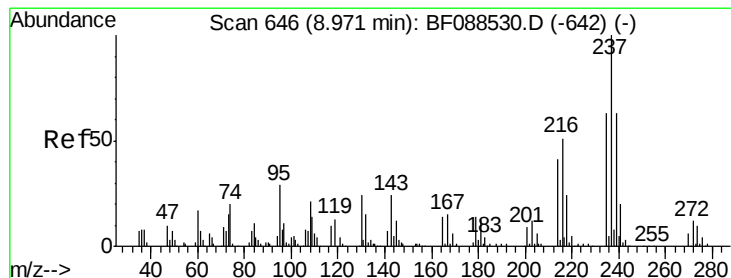
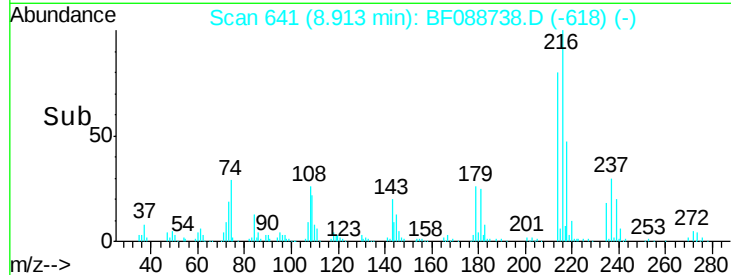
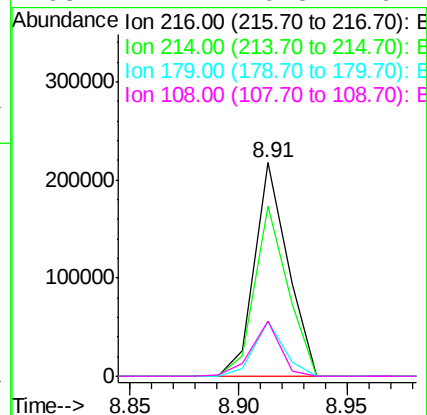
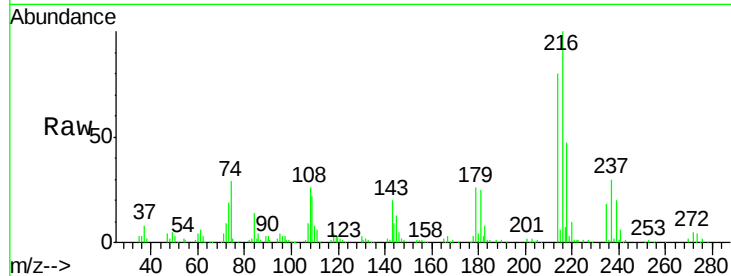
Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	231624
Ion Ratio	Lower	Upper
216	100	
214	79.3	2.9 4.3#
179	23.2	0.0 0.0#
108	22.4	0.5 0.7#



#40

Hexachlorocyclopentadiene

Concen: 38.48 ng

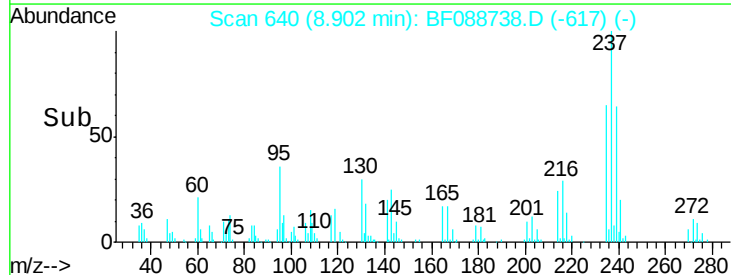
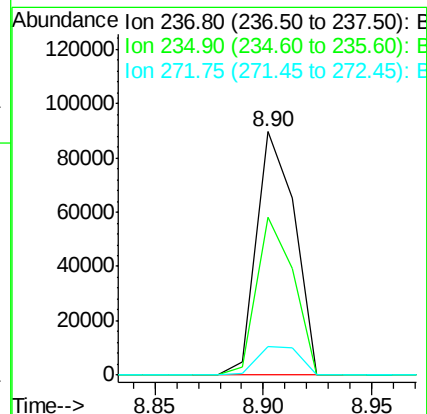
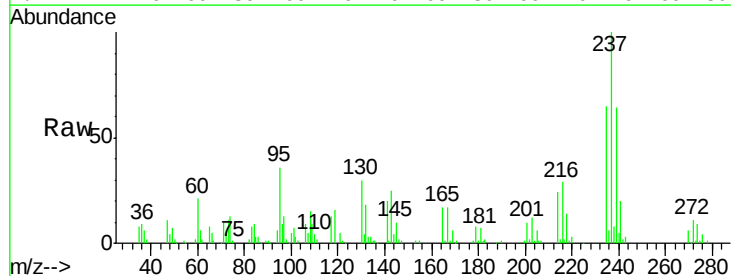
RT: 8.90 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion:237	Resp:	109674
Ion Ratio	Lower	Upper
237	100	
235	65.0	43.4 83.4
272	11.5	0.0 32.3

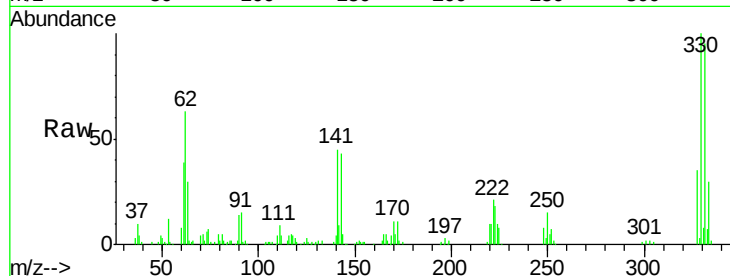




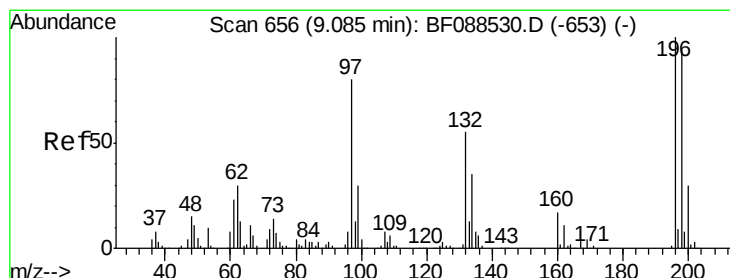
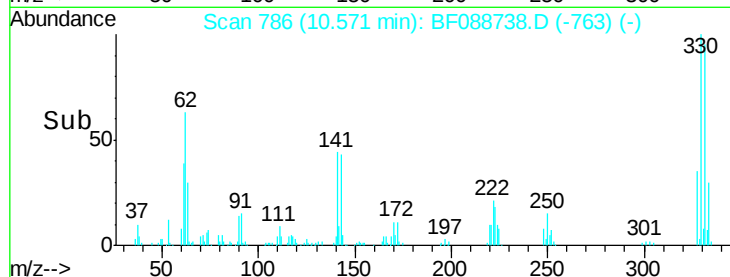
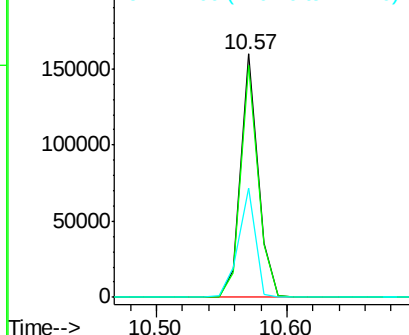
#41
 2,4,6-Tribromophenol
 Concen: 91.21 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 147890
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 44.2 0.0 0.0#

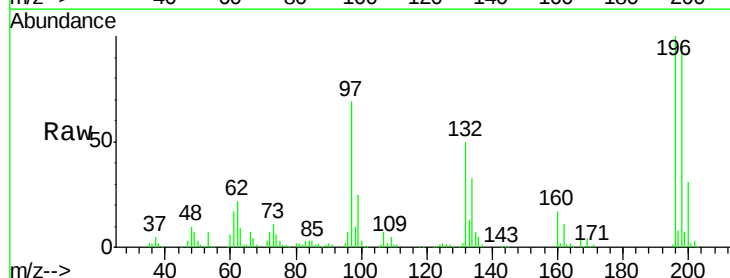


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

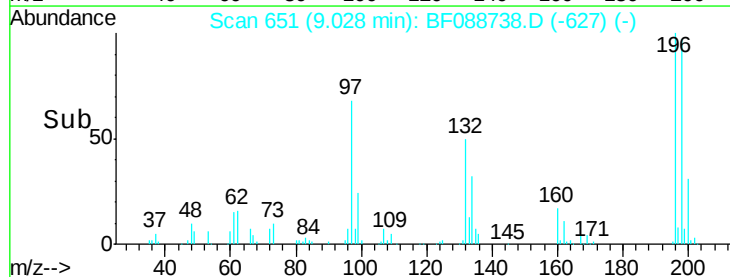
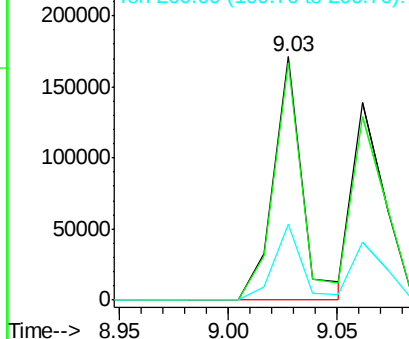


#42
 2,4,6-Trichlorophenol
 Concen: 41.73 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion:196 Resp: 159776
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.0 117.0
 200 31.0 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

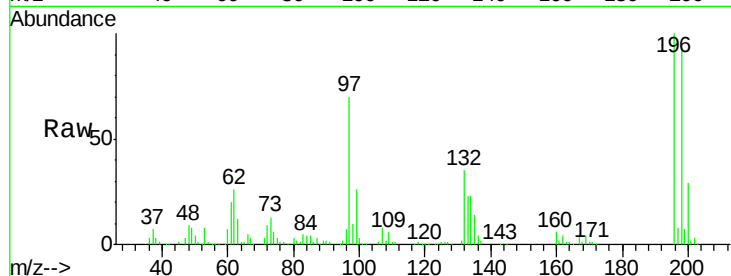




#43
 2,4,5-Trichlorophenol
 Concen: 42.67 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	140569
Ion Ratio	Lower	Upper	
196	100		
198	93.1	77.5	116.3
97	70.3	32.0	48.0#
132	35.4	20.9	31.3#



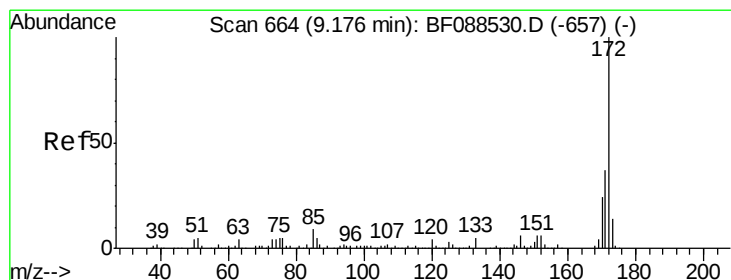
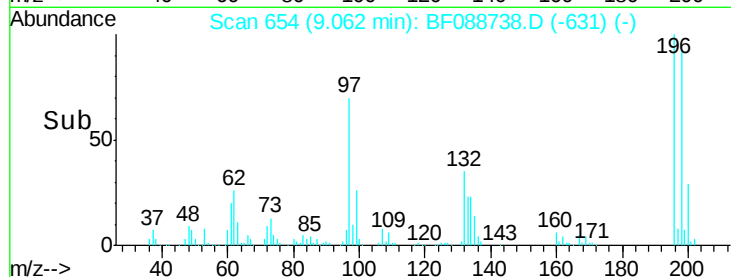
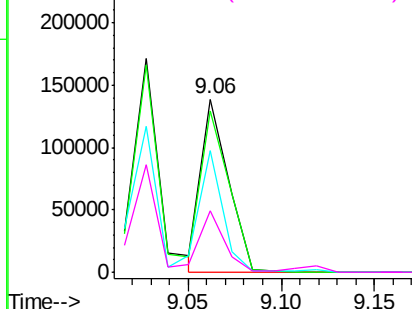
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

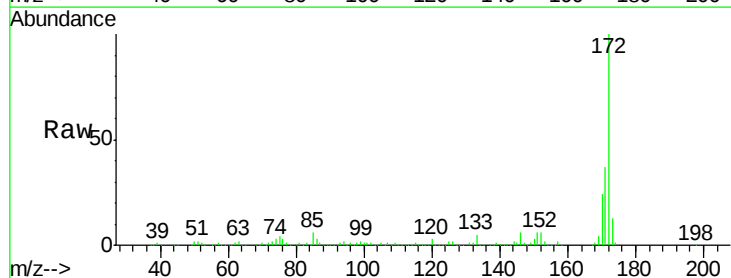
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.93 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion	172	Resp	1060367
Ion Ratio	Lower	Upper	
172	100		
171	36.7	28.6	43.0
170	24.4	19.2	28.8

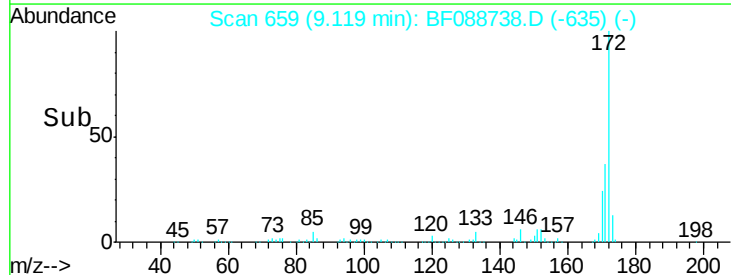
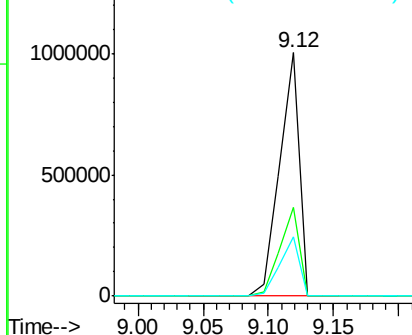


Abundance

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: 37.94 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

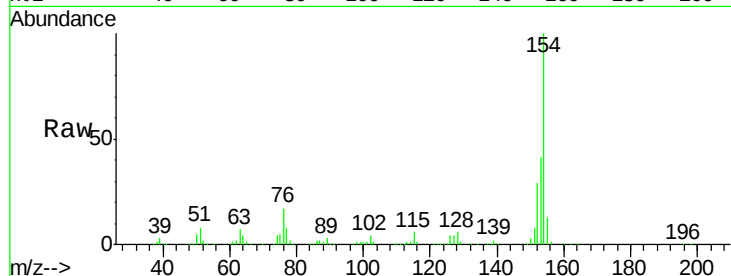
Tot Ion:154 Resp: 548590

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

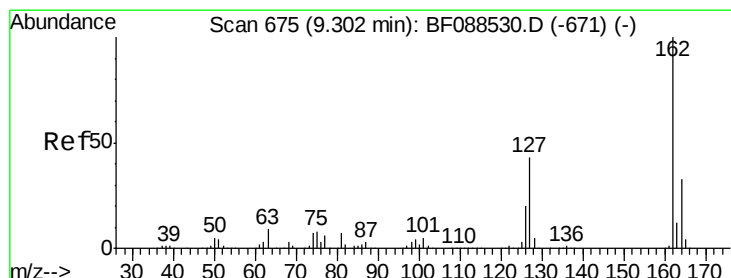
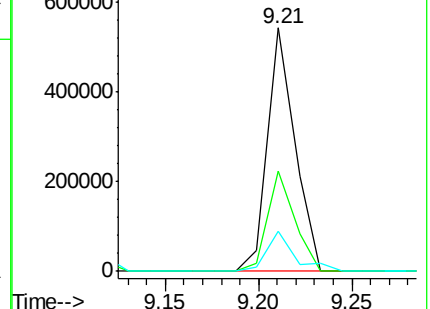
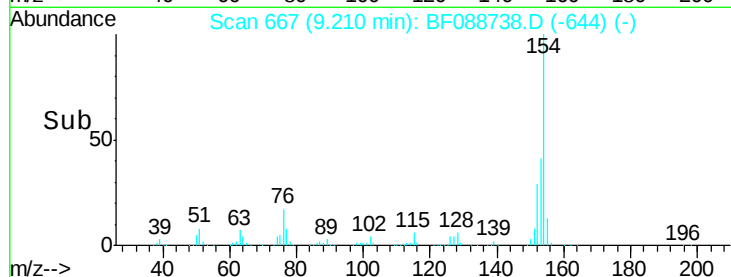
76 16.6 0.0 35.1



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): BF0



#46

2-Chloronaphthalene

Concen: 39.03 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

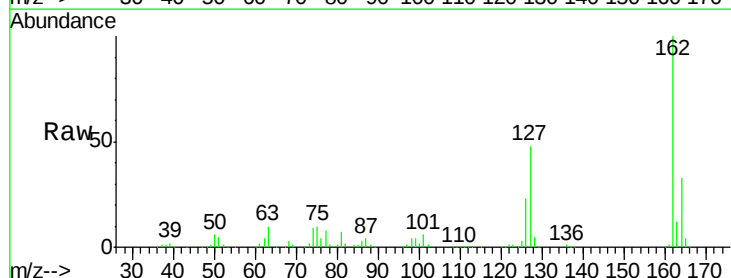
Tgt Ion:162 Resp: 443010

Ion Ratio Lower Upper

162 100

127 47.7 35.2 52.8

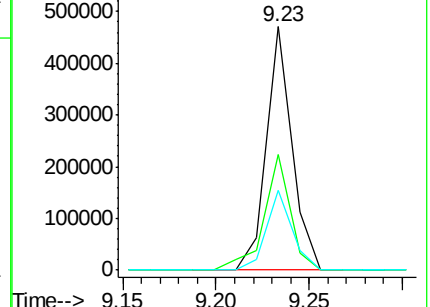
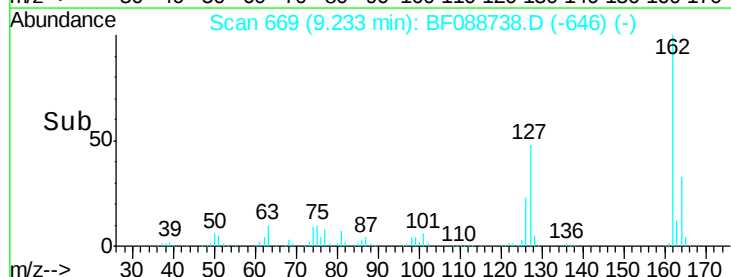
164 32.7 26.6 39.8



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

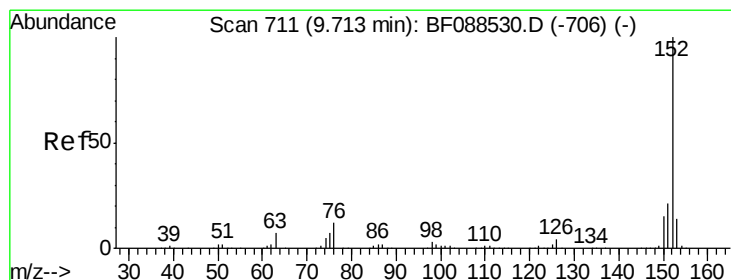
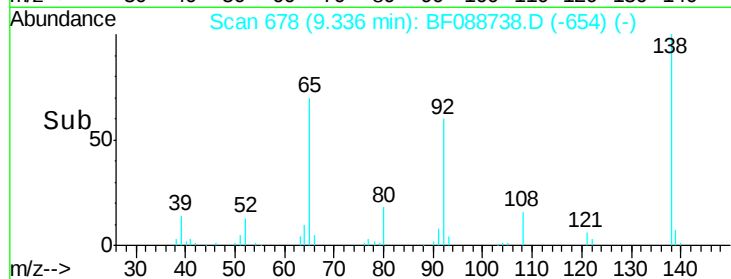
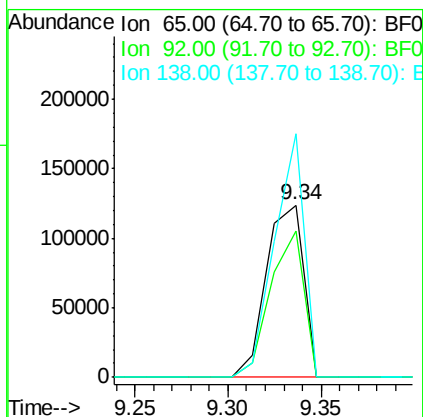
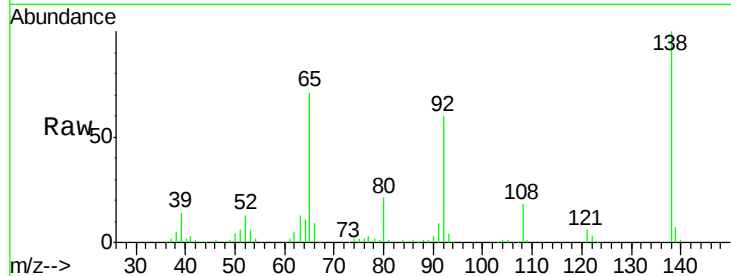




#47
2-Nitroaniline
Concen: 42.71 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

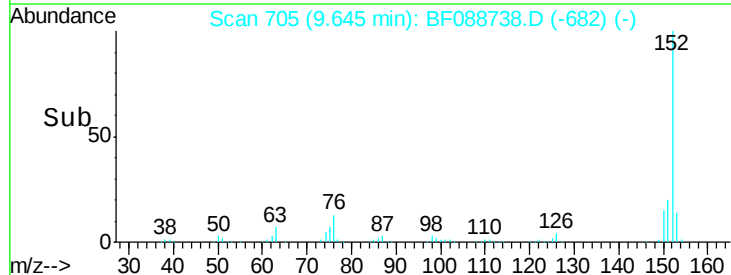
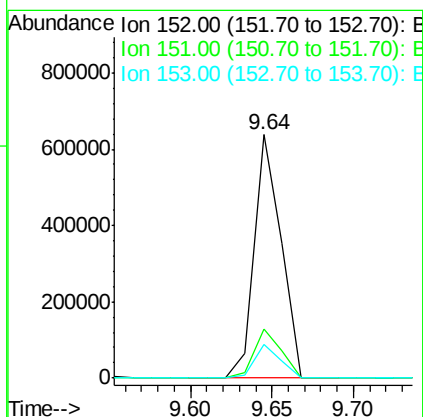
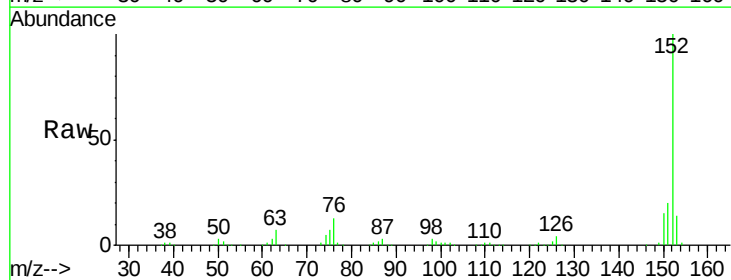
Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 172040
Ion Ratio Lower Upper
65 100
92 85.0 54.6 82.0#
138 141.4 77.0 115.4#



#48
Acenaphthylene
Concen: 40.30 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion: 152 Resp: 727743
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.6 11.0 16.6

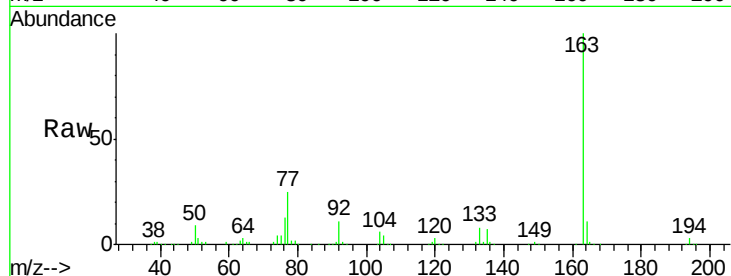




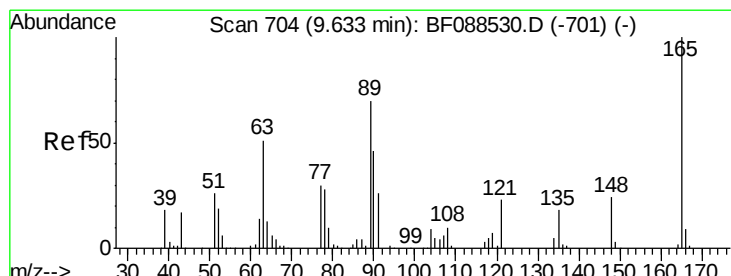
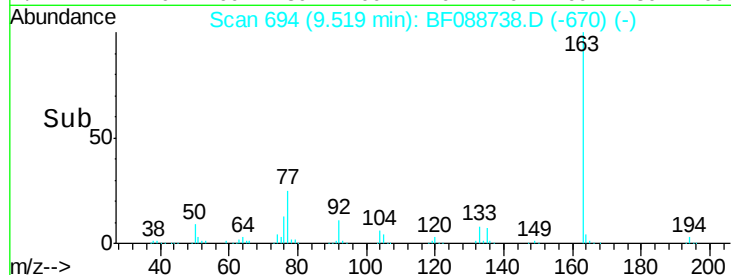
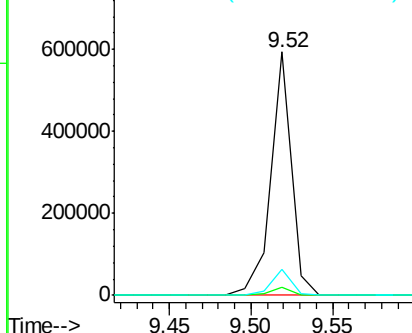
#49
Dimethylphthalate
Concen: 42.08 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 523471
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.5 8.3 12.5

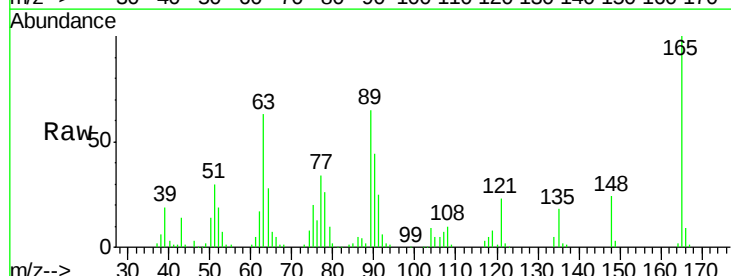


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

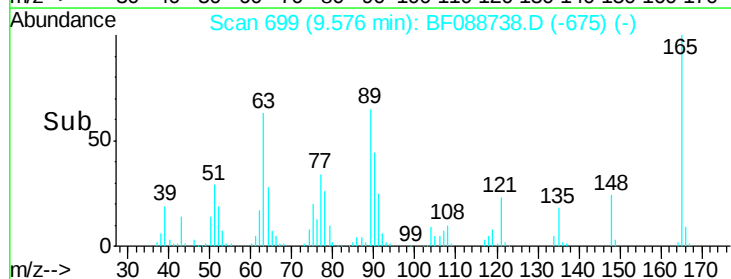
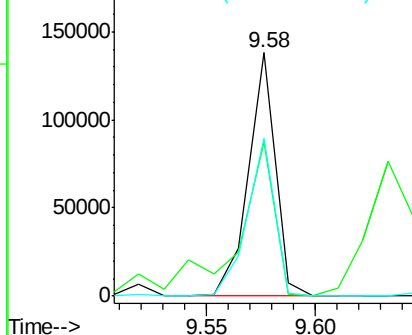


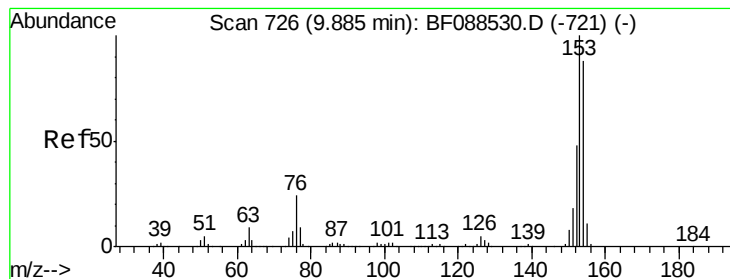
#50
2,6-Dinitrotoluene
Concen: 43.24 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:165 Resp: 119196
Ion Ratio Lower Upper
165 100
63 63.2 28.1 42.1#
89 65.0 32.2 48.2#



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





#51

Acenaphthene

Concen: 42.29 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampled :

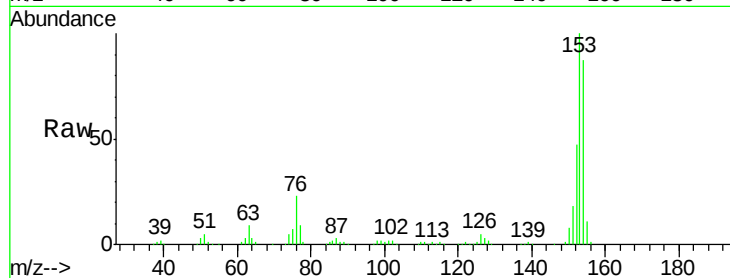
Tot Ion:154 Resp: 468102

Ion Ratio Lower Upper

154 100

153 114.7 89.5 134.3

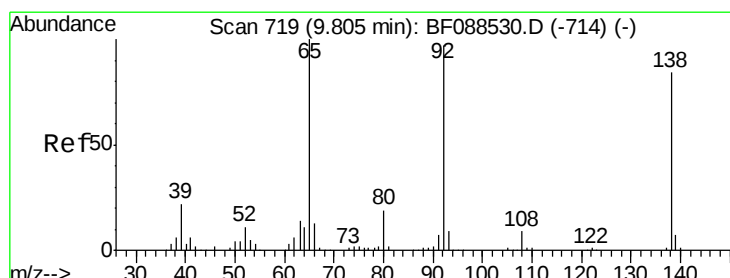
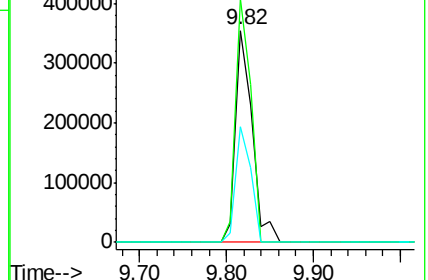
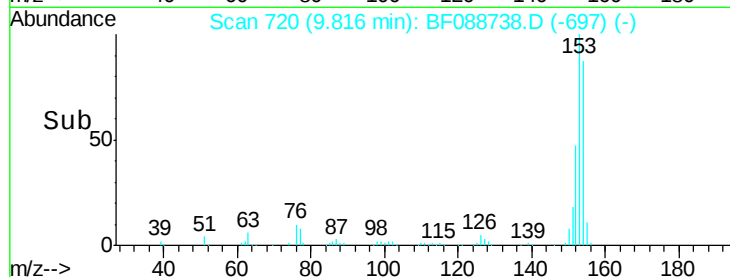
152 54.3 42.7 64.1



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: 48.39 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

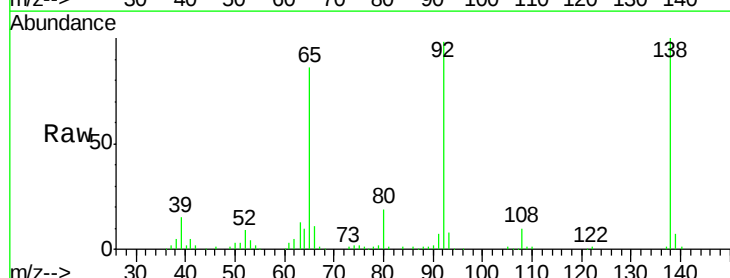
Tgt Ion:138 Resp: 169580

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

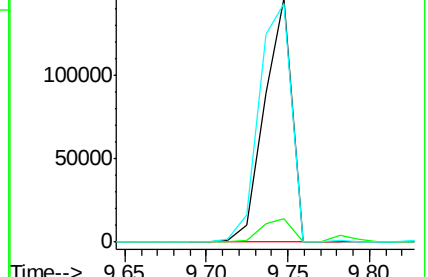
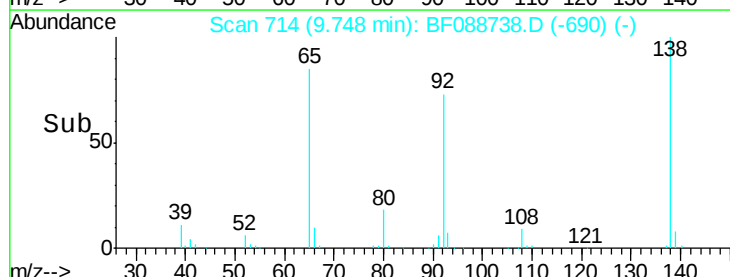
92 98.0 95.7 143.5

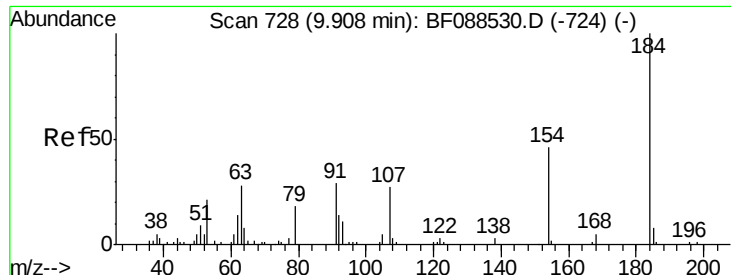


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

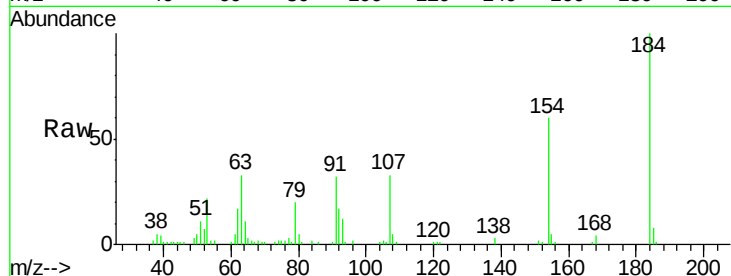




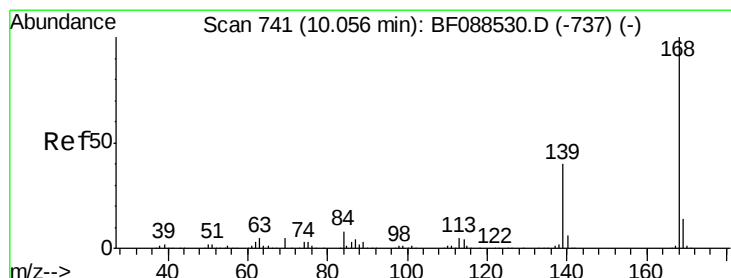
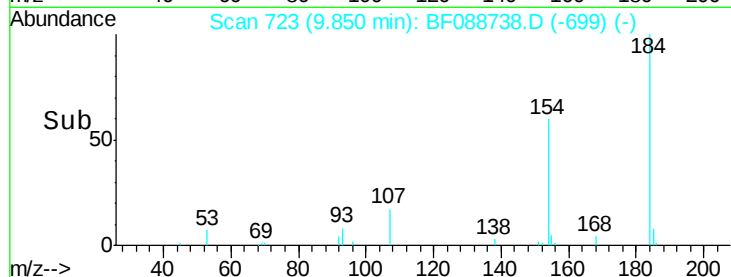
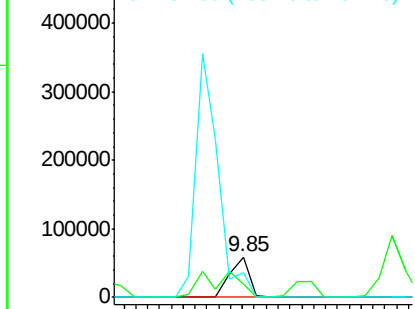
#53
 2,4-Dinitrophenol
 Concen: 56.44 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 68703
 Ion Ratio Lower Upper
 184 100
 63 32.8 57.6 86.4#
 154 59.9 53.5 80.3

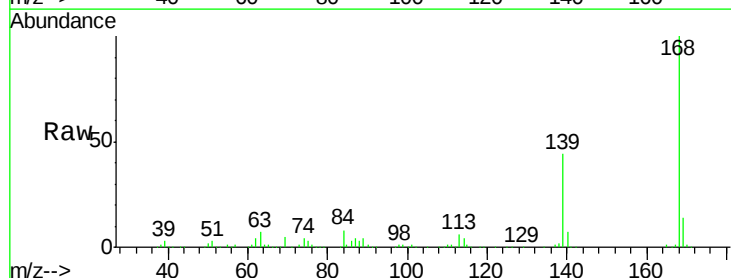


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

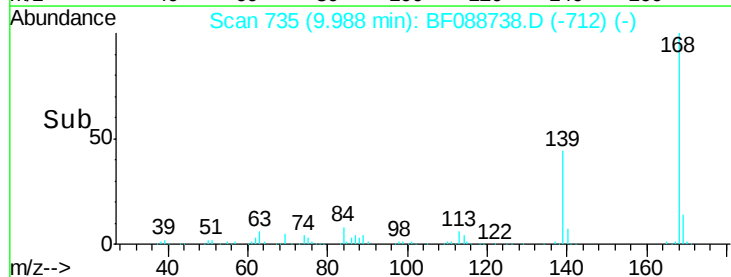
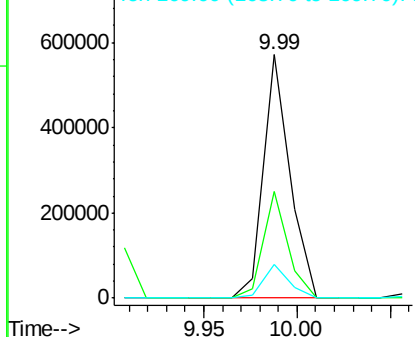


#54
 Dibenzofuran
 Concen: 39.17 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion:168 Resp: 567512
 Ion Ratio Lower Upper
 168 100
 139 43.8 26.4 39.6#
 169 13.9 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

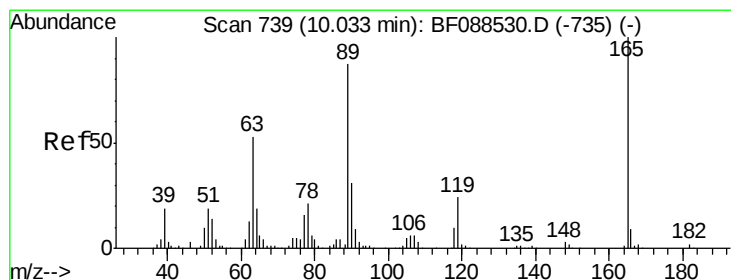
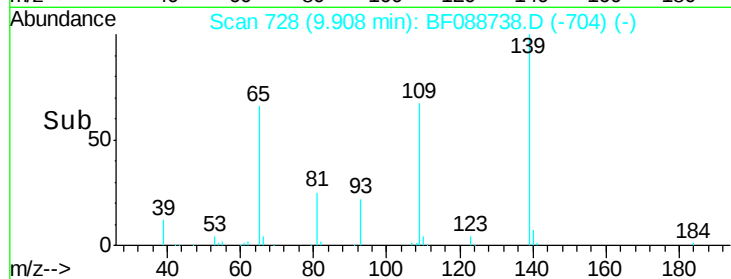
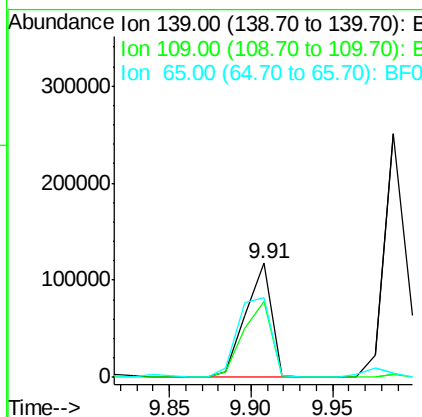
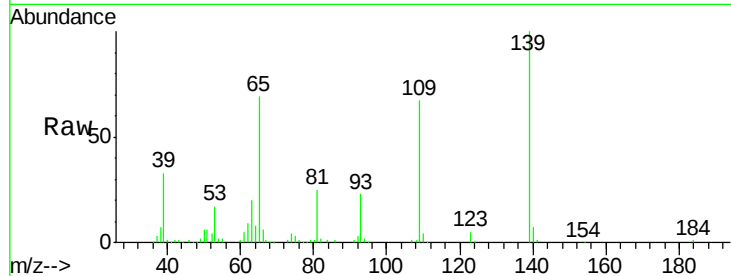




#55
4-Nitrophenol
Concen: 48.97 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

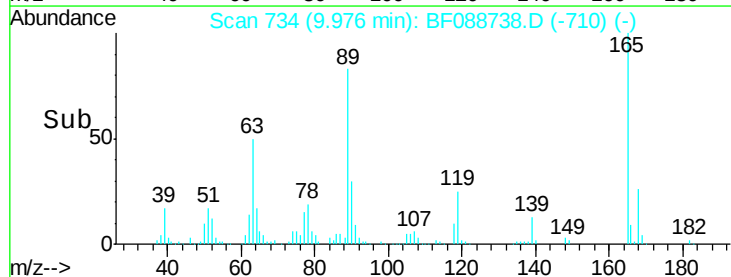
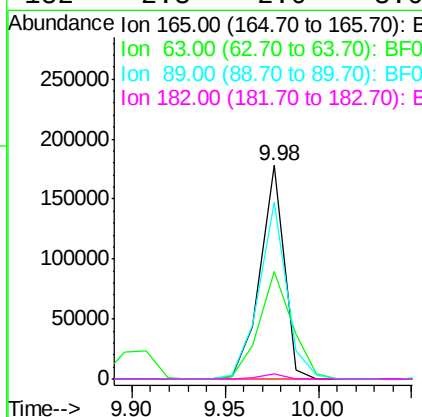
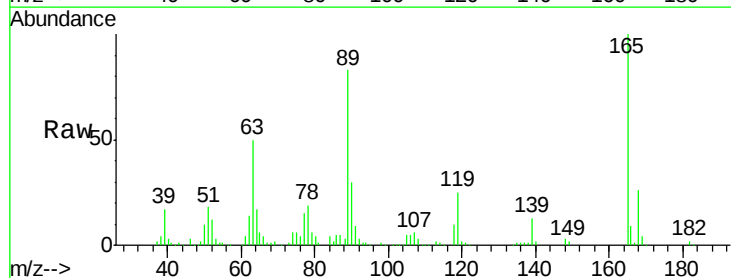
Instrument :
BNA_F
ClientSampleId :

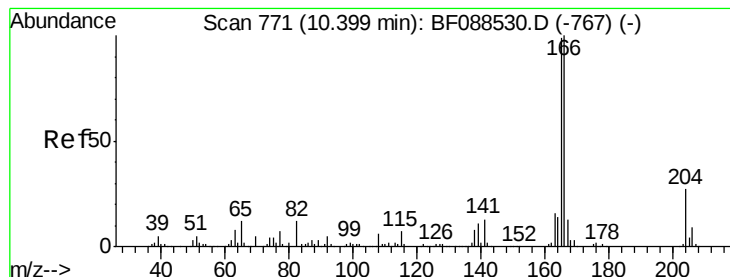
Tot Ion:139 Resp: 130409
Ion Ratio Lower Upper
139 100
109 66.7 48.9 88.9
65 69.5 84.9 124.9#



#56
2,4-Dinitrotoluene
Concen: 44.05 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:165 Resp: 158766
Ion Ratio Lower Upper
165 100
63 50.4 22.0 33.0#
89 82.6 41.1 61.7#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 40.22 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

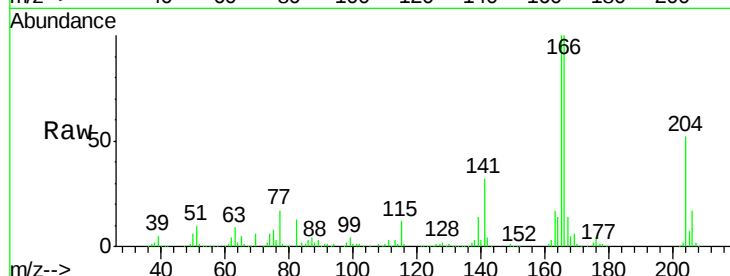
Tot Ion:166 Resp: 449091

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.8

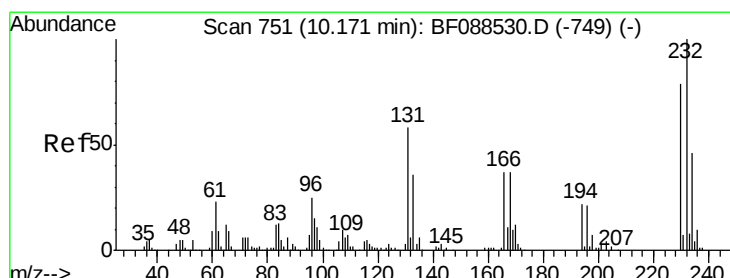
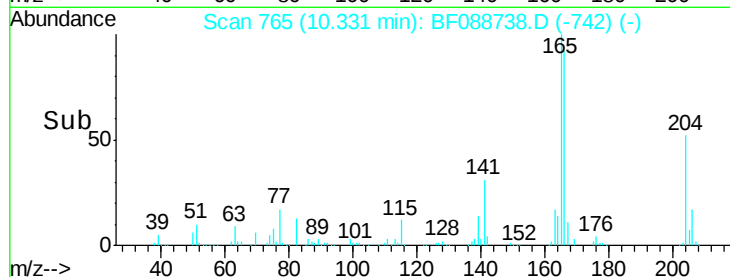
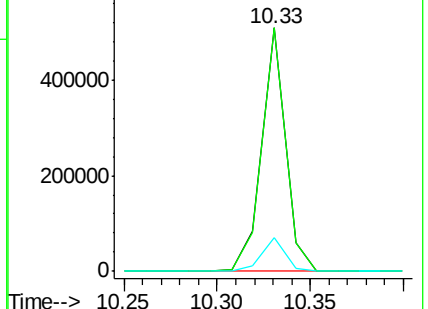
167 13.9 11.2 16.8



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: 47.49 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Tgt Ion:232 Resp: 121034

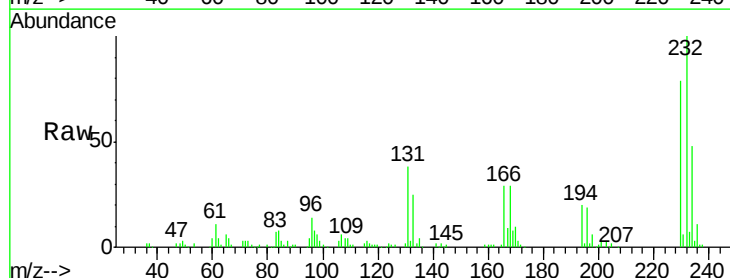
Ion Ratio Lower Upper

232 100

131 51.3 0.9 1.3#

130 2.6 1.5 2.3#

166 33.7 0.5 0.7#

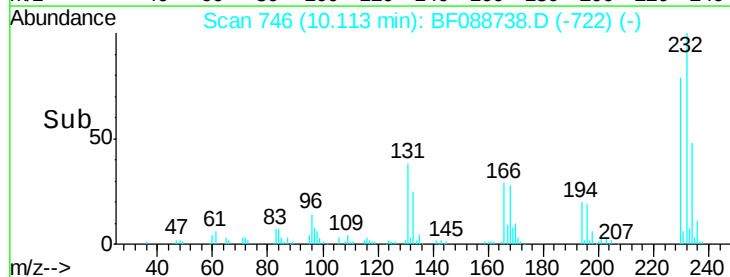
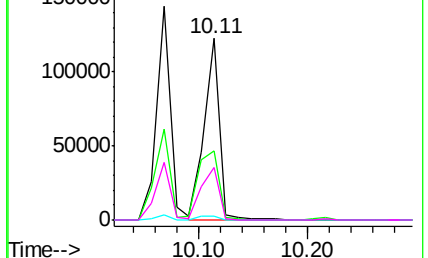


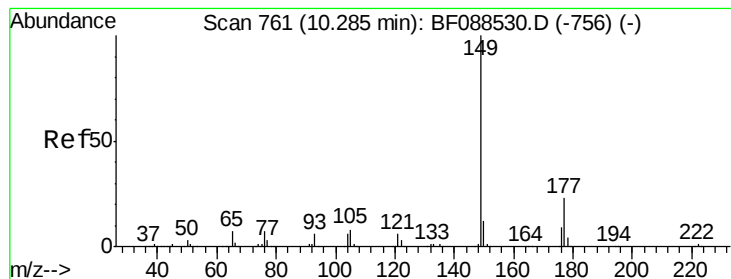
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.80 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

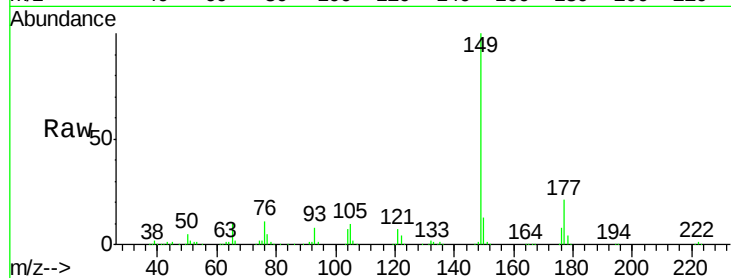
Tot Ion:149 Resp: 559233

Ion Ratio Lower Upper

149 100

177 20.9 16.9 25.3

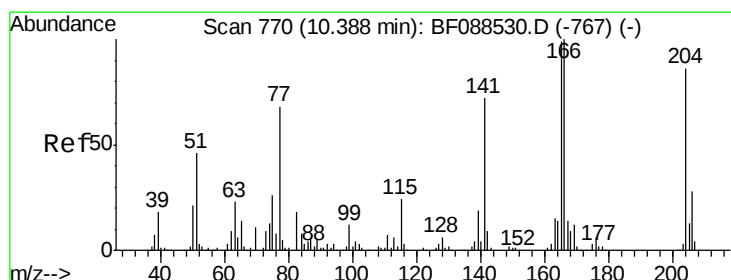
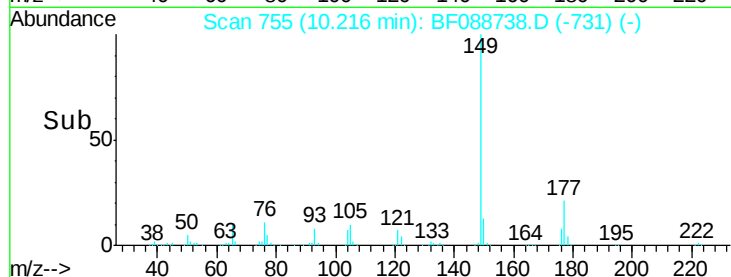
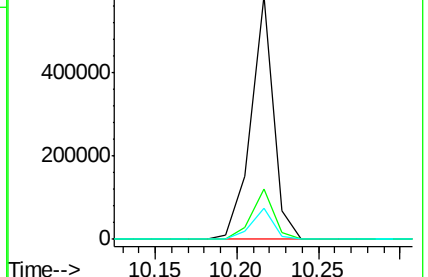
150 12.7 10.1 15.1



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: 46.03 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

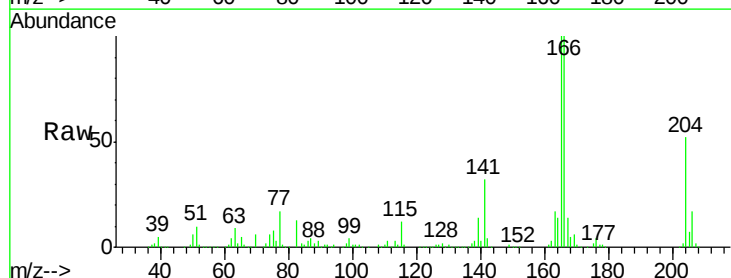
Tgt Ion:204 Resp: 238813

Ion Ratio Lower Upper

204 100

206 33.1 26.3 39.5

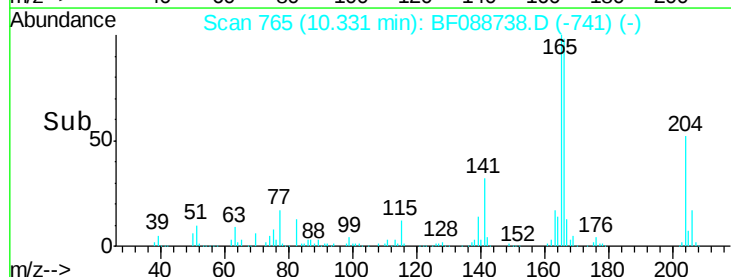
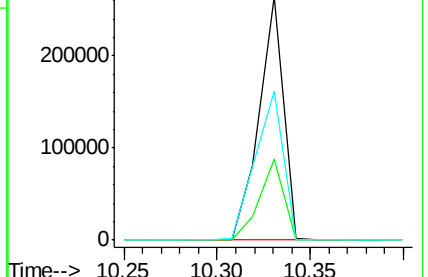
141 61.3 55.0 82.6

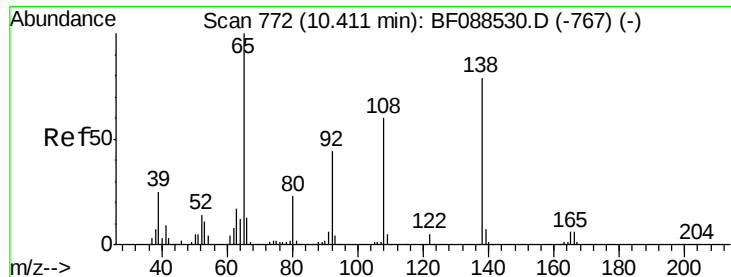


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

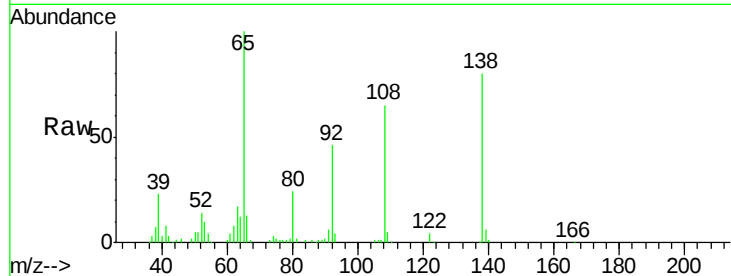




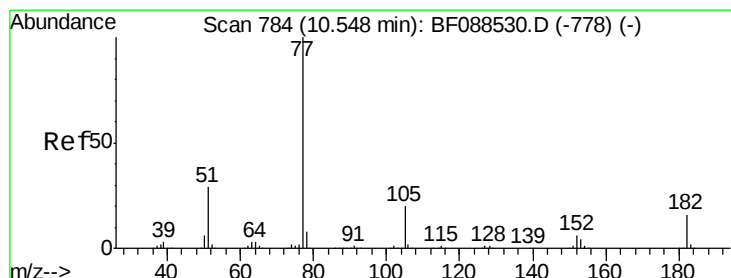
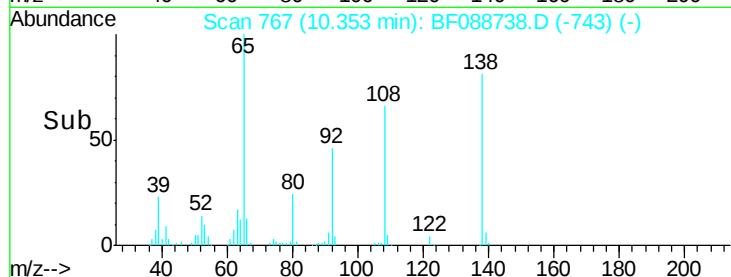
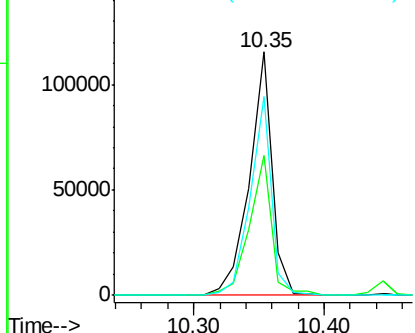
#61
4-Nitroaniline
Concen: 41.53 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 140066
Ion Ratio Lower Upper
138 100
92 57.6 27.3 67.3
108 81.4 46.7 86.7

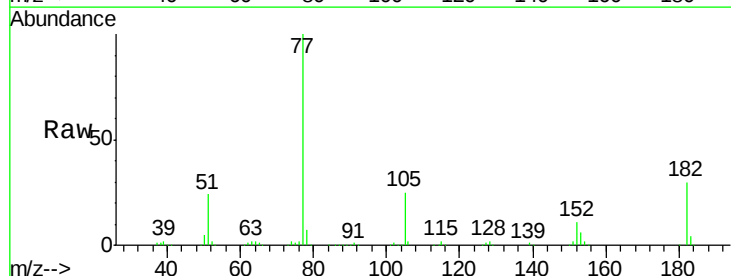


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

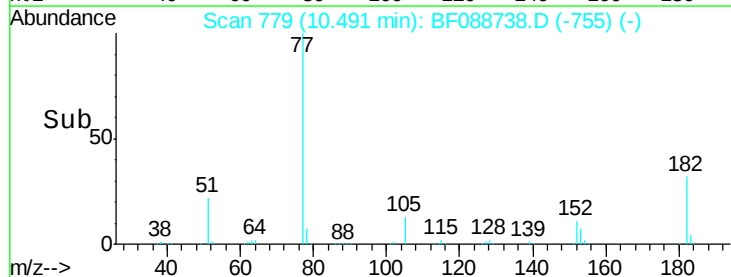
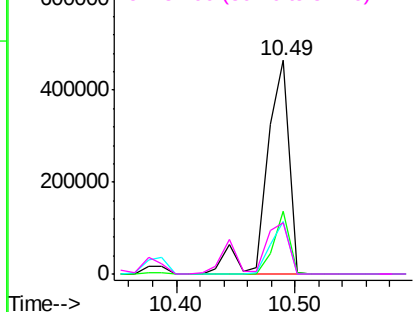


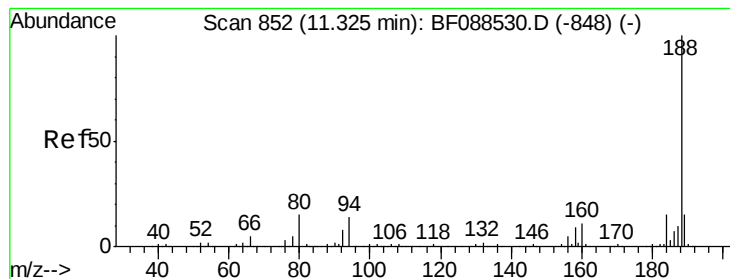
#62
Azobenzene
Concen: 42.87 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion: 77 Resp: 610515
Ion Ratio Lower Upper
77 100
182 29.6 4.4 44.4
105 24.8 3.8 43.8
51 24.1 9.3 49.3



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

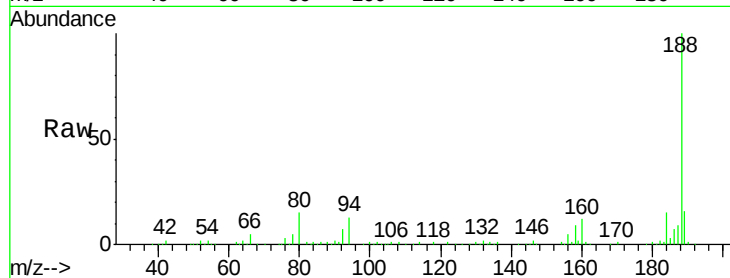
Tot Ion:188 Resp: 350784

Ion Ratio Lower Upper

188 100

94 13.2 9.0 13.6

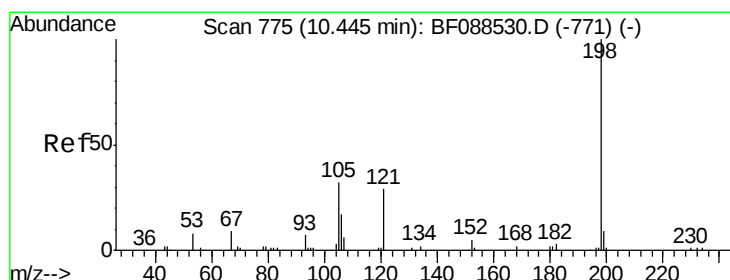
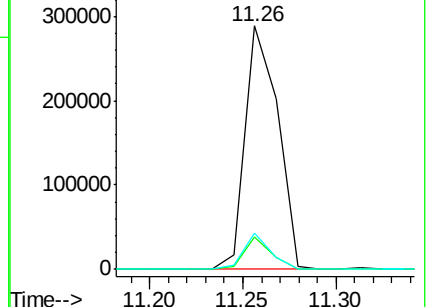
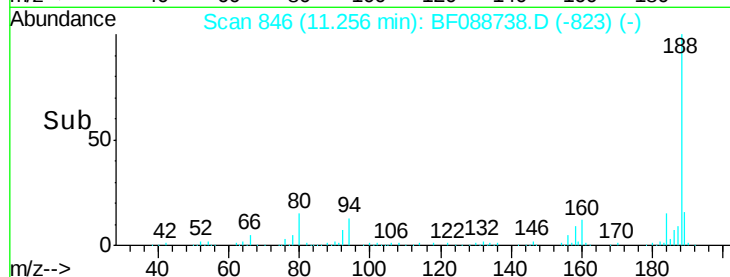
80 14.7 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 53.86 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

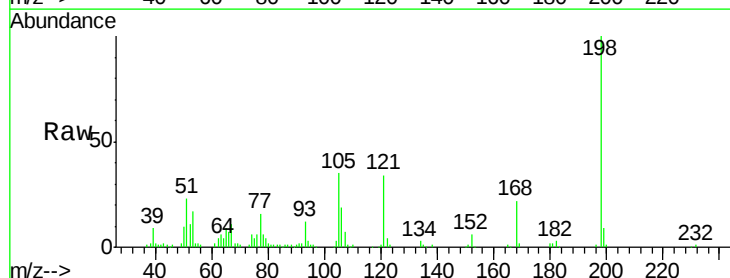
Tgt Ion:198 Resp: 101058

Ion Ratio Lower Upper

198 100

51 22.9 39.6 79.6#

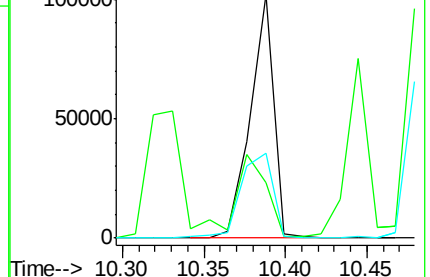
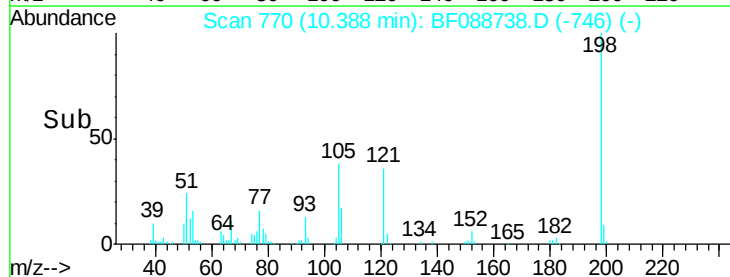
105 34.9 36.6 76.6#

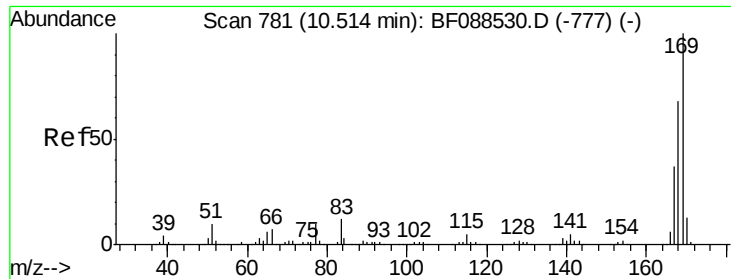


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

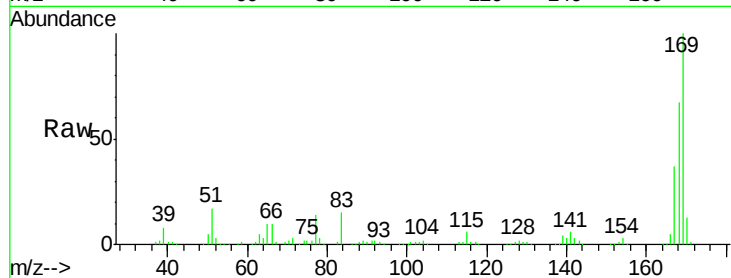




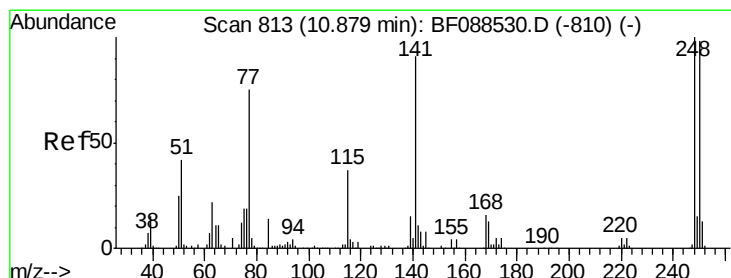
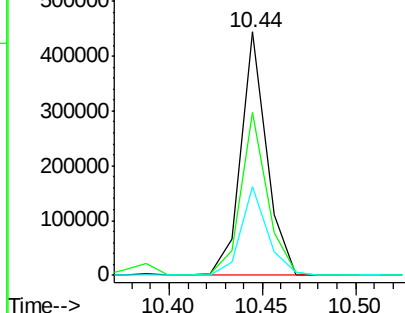
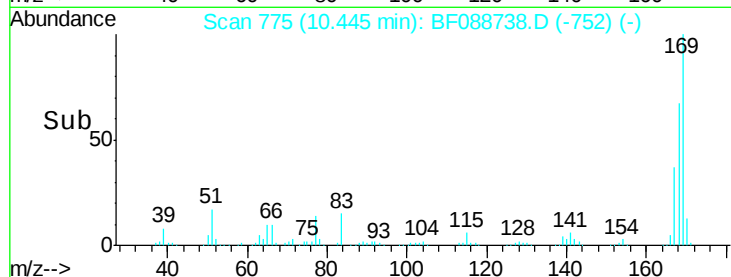
#65
 n-Nitrosodiphenylamine
 Concen: 36.25 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 430367
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.4 80.0
 167 36.7 29.4 44.0

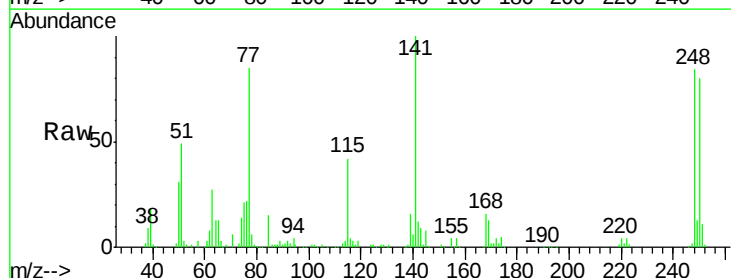


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

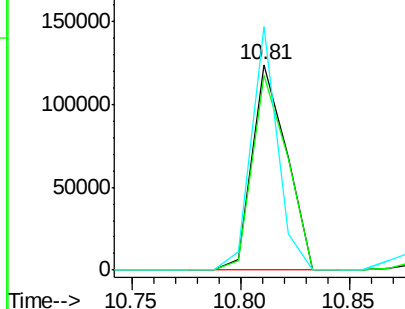
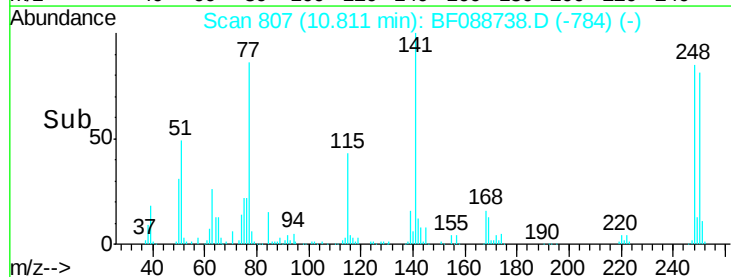


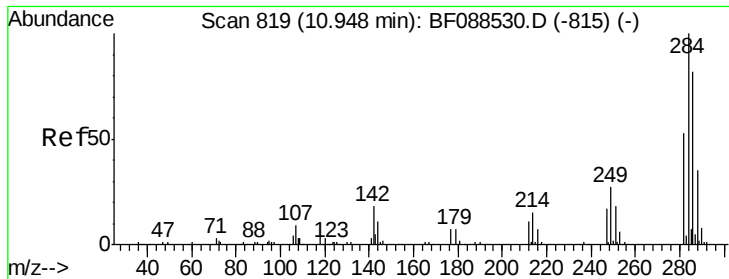
#66
 4-Bromophenyl-phenylether
 Concen: 38.55 ng
 RT: 10.81 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion:248 Resp: 136282
 Ion Ratio Lower Upper
 248 100
 250 94.7 77.1 115.7
 141 118.4 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

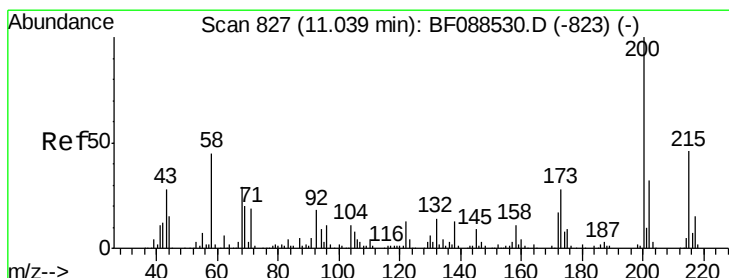
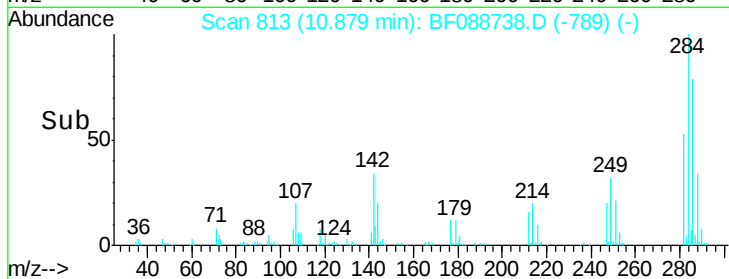
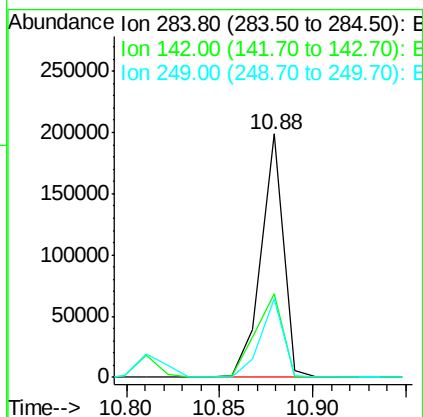
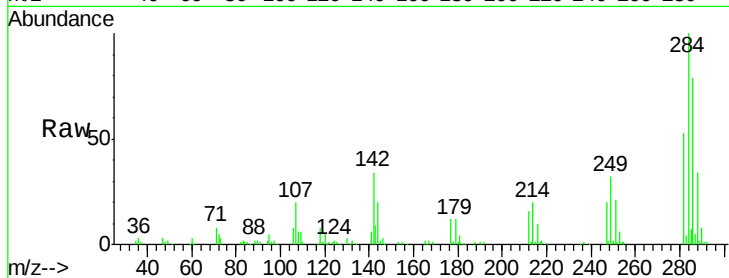




#67
Hexachlorobenzene
Concen: 42.87 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

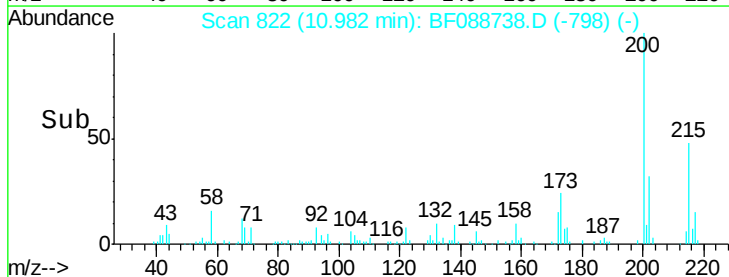
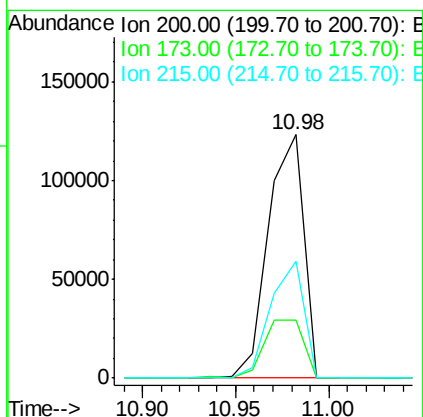
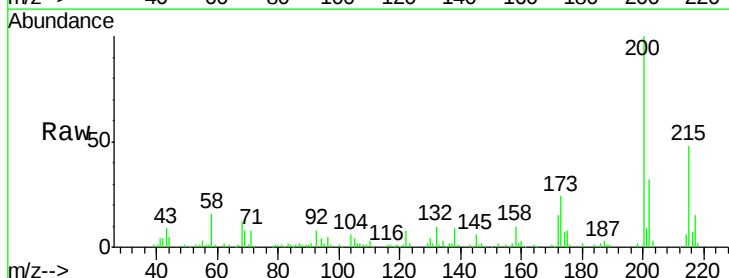
Instrument :
BNA_F
ClientSampled :

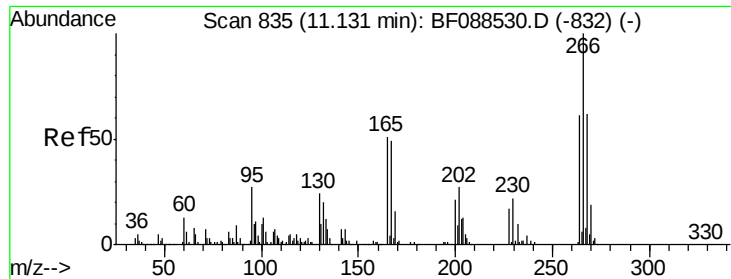
Tot Ion:284 Resp: 167768
Ion Ratio Lower Upper
284 100
142 34.2 35.8 53.8#
249 32.1 25.8 38.6



#68
Atrazine
Concen: 43.79 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:200 Resp: 161984
Ion Ratio Lower Upper
200 100
173 23.9 4.0 44.0
215 48.3 29.3 69.3

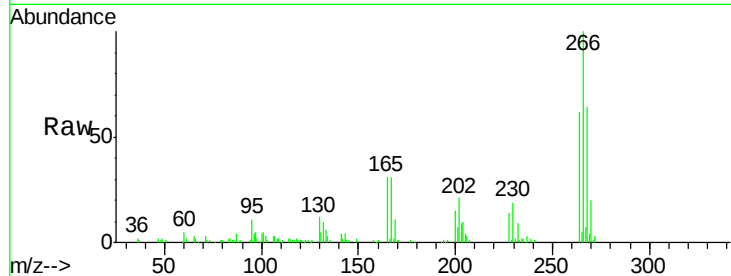




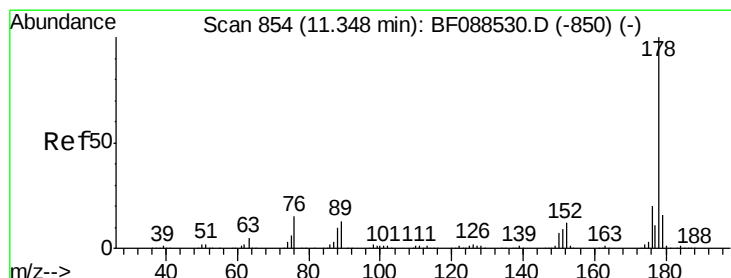
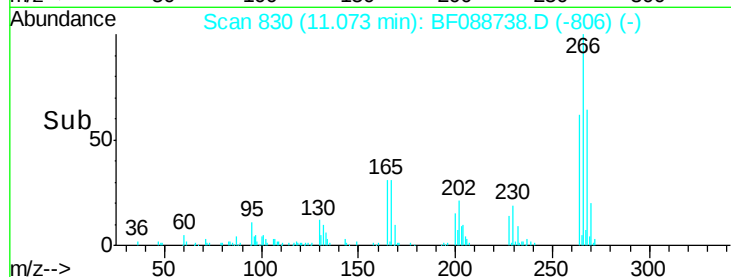
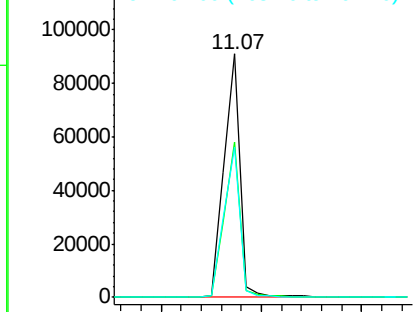
#69
 Pentachlorophenol
 Concen: 43.41 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 100541
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.8 79.2
 264 61.9 49.6 74.4

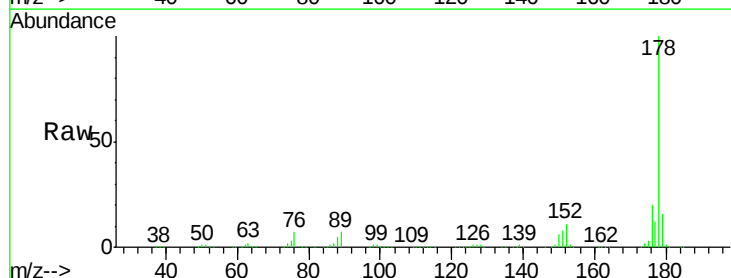


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

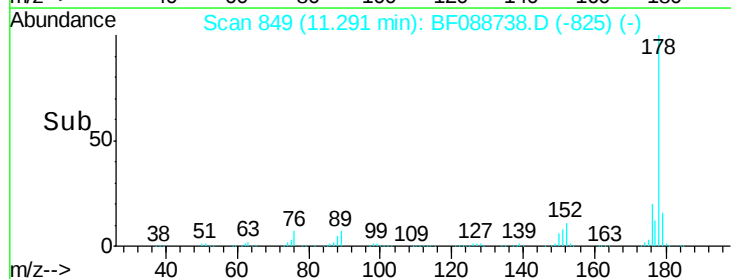
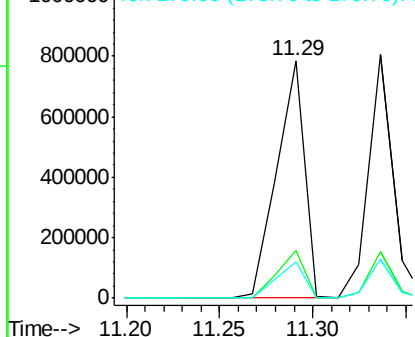


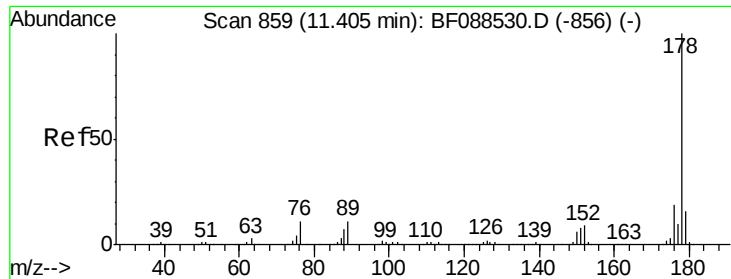
#70
 Phenanthrene
 Concen: 42.43 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion:178 Resp: 813540
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.6
 179 15.5 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

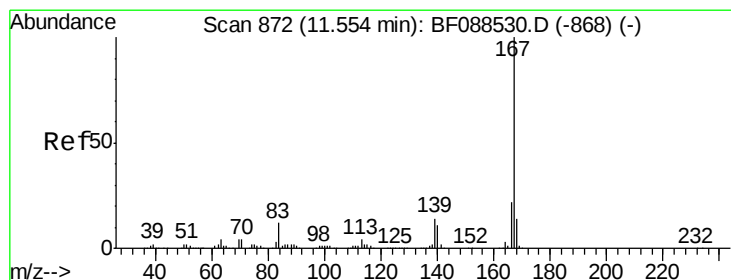
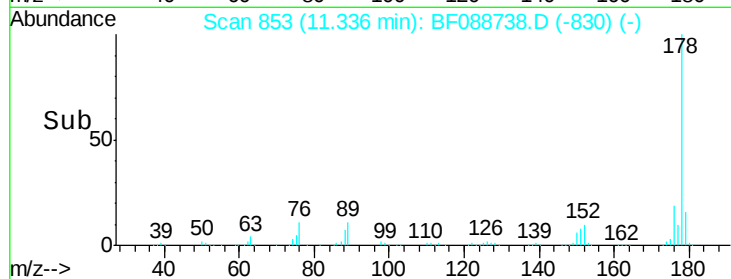
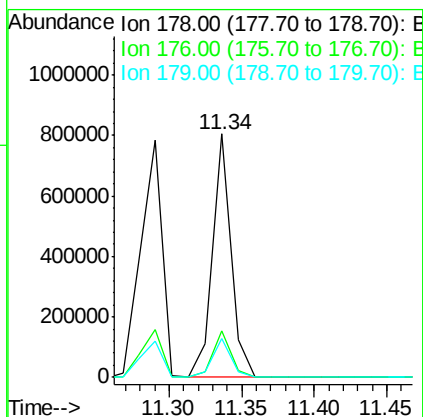
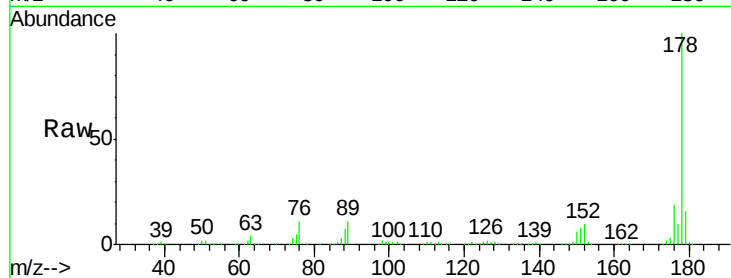




#71
 Anthracene
 Concen: 37.52 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

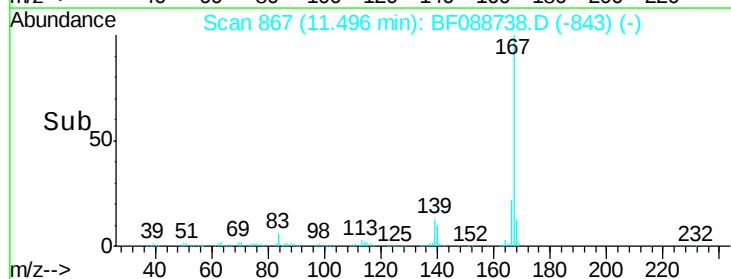
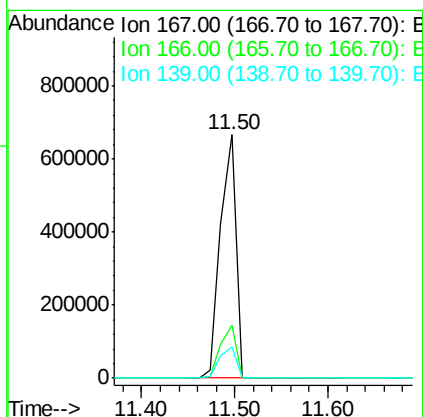
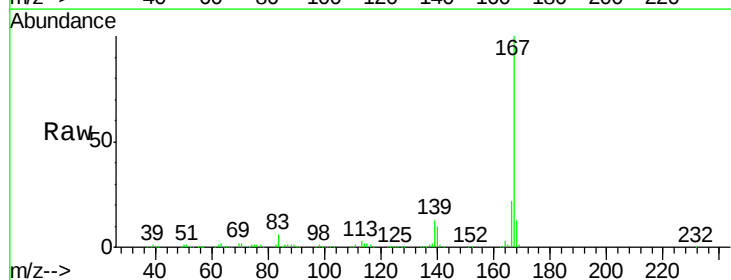
Instrument :
 BNA_F
 ClientSampleId :

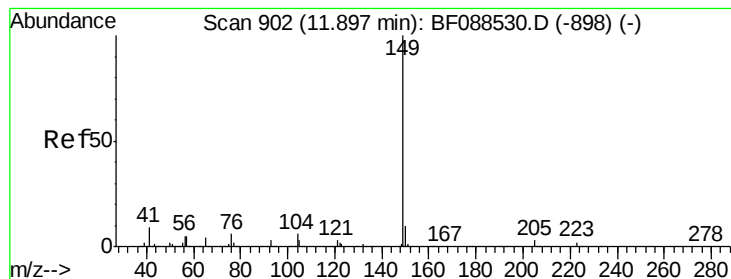
Tot Ion:178 Resp: 715395
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.9 12.8 19.2



#72
 Carbazole
 Concen: 42.66 ng
 RT: 11.50 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion:167 Resp: 765595
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.0 11.2 16.8





#73

Di-n-butylphthalate

Concen: 41.17 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

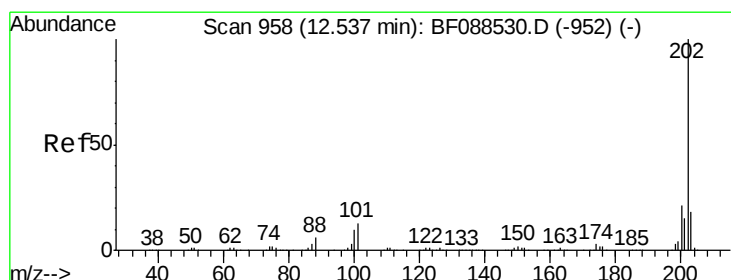
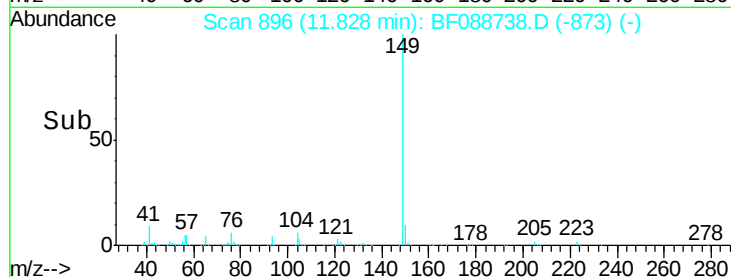
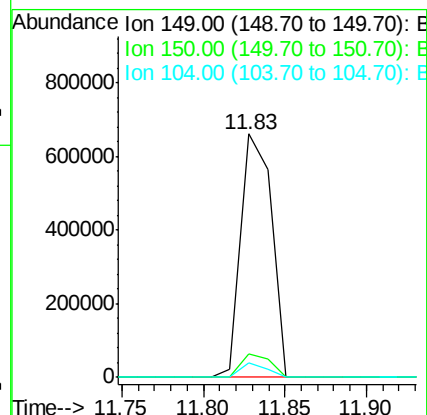
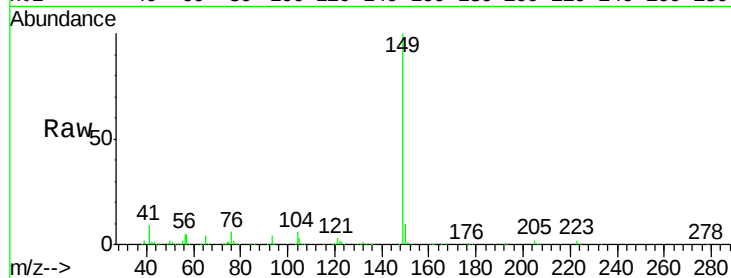
Tot Ion:149 Resp: 859338

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 6.1 4.0 6.0#



#74

Fluoranthene

Concen: 42.86 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

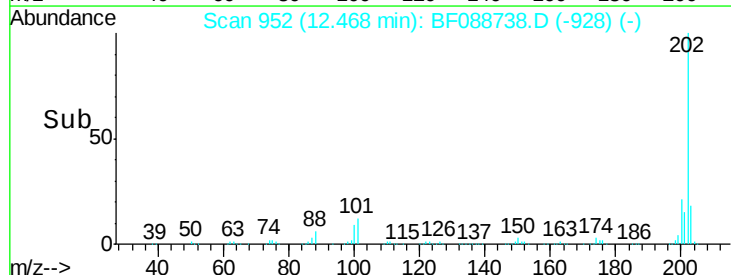
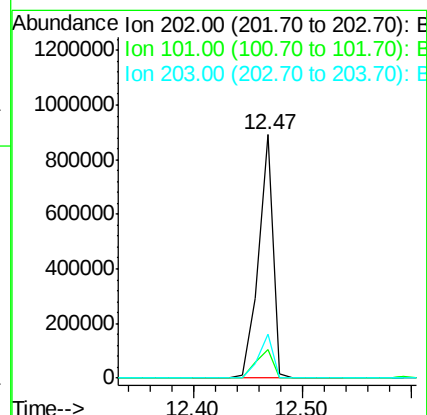
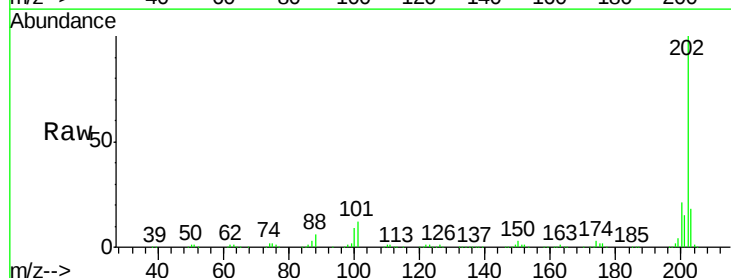
Tgt Ion:202 Resp: 833091

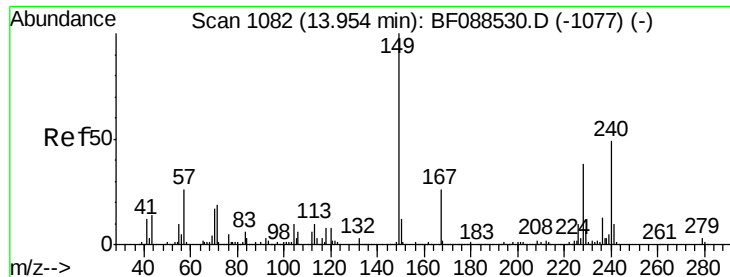
Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.1

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

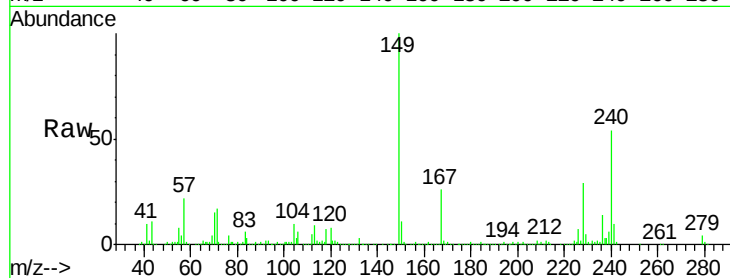
Tot Ion:240 Resp: 262889

Ion Ratio Lower Upper

240 100

120 14.4 6.8 10.2#

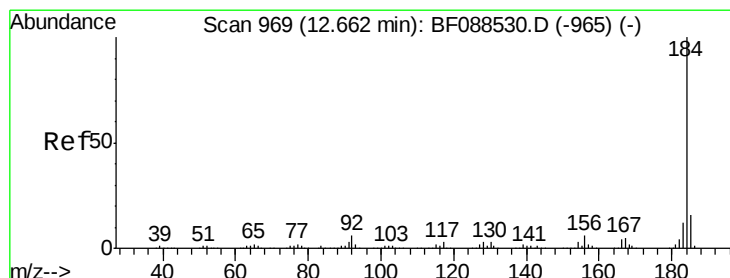
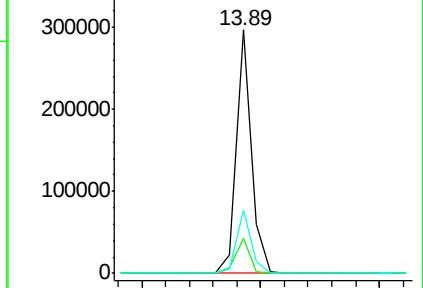
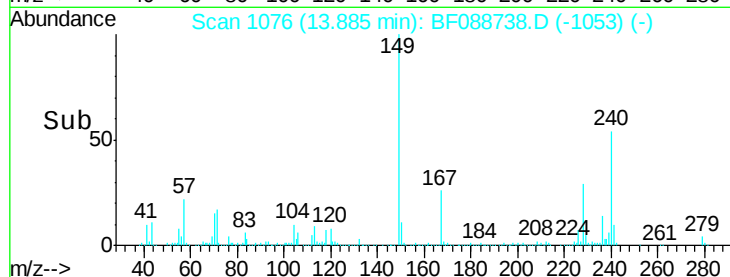
236 26.1 20.2 30.2



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



#76

Benzidine

Concen: 44.22 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

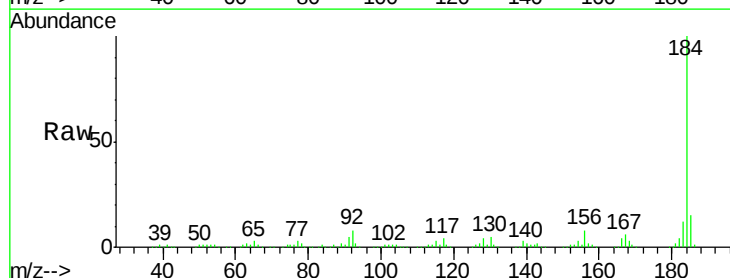
Tgt Ion:184 Resp: 587651

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

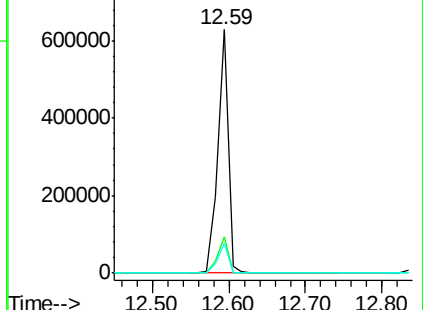
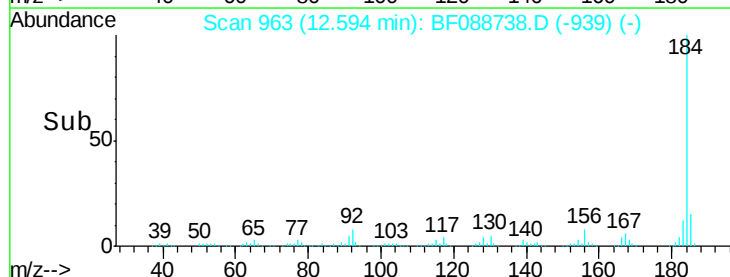
183 12.1 9.3 13.9



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





#77

Pvrene

Concen: 39.96 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :
BNA_F
ClientSampled :

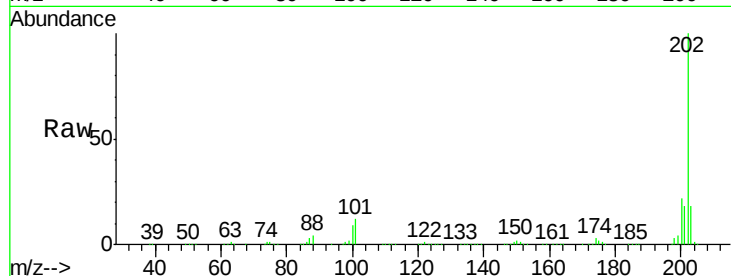
Tot Ion:202 Resp: 890743

Ion Ratio Lower Upper

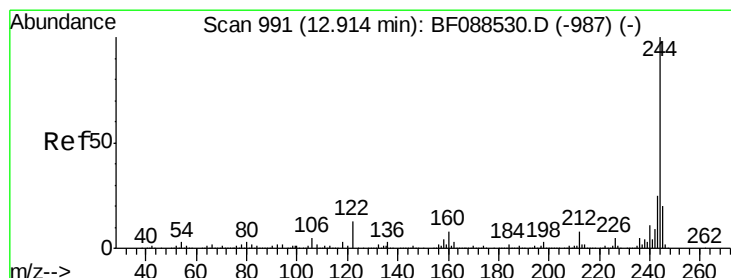
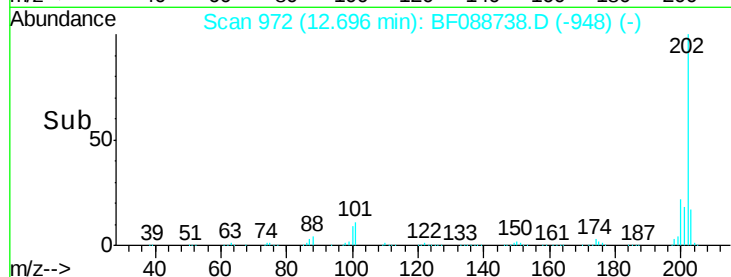
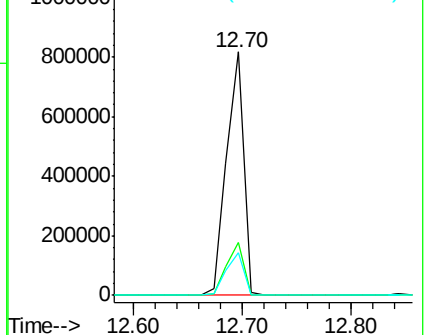
202 100

200 21.6 17.4 26.2

203 17.6 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: 75.95 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

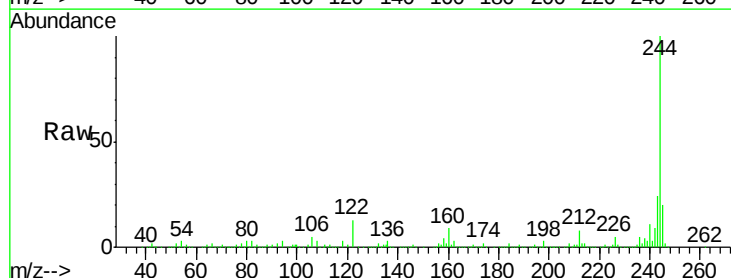
Tgt Ion:244 Resp: 896456

Ion Ratio Lower Upper

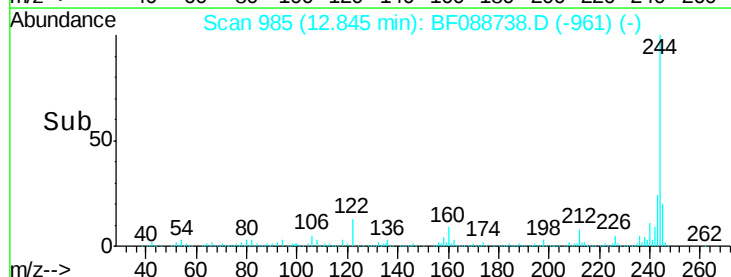
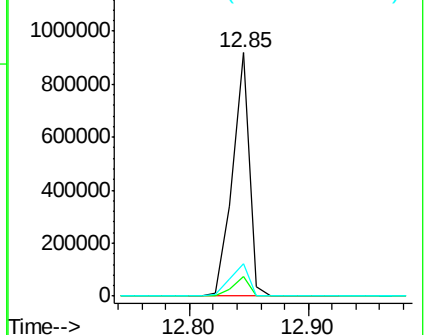
244 100

212 8.1 6.0 9.0

122 13.1 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

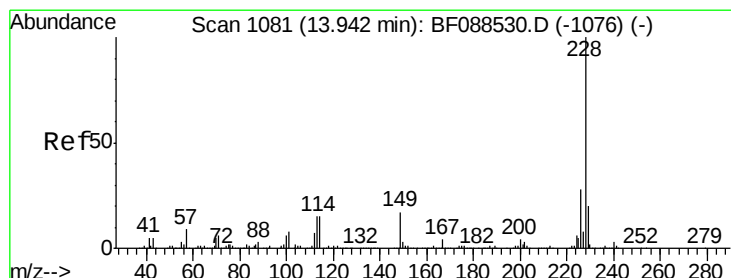
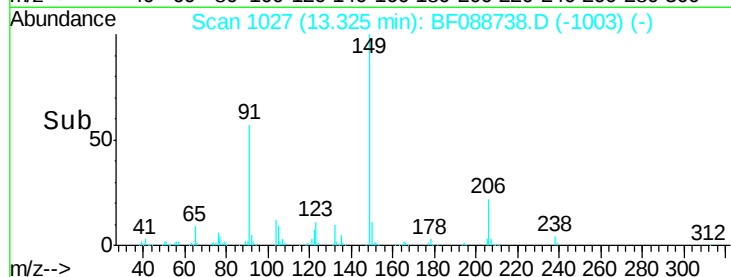
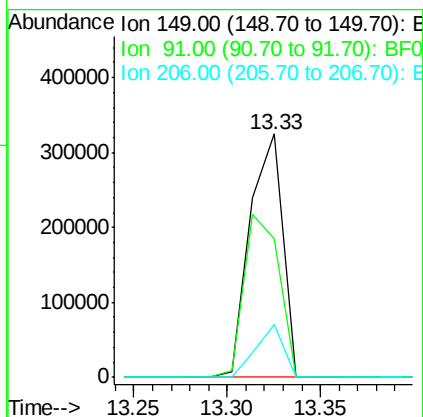
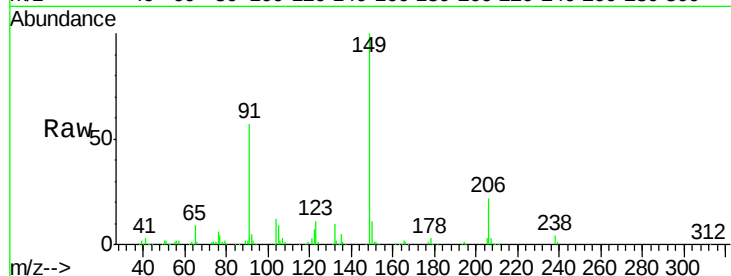




#79
Butylbenzylphthalate
Concen: 39.47 ng
RT: 13.33 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

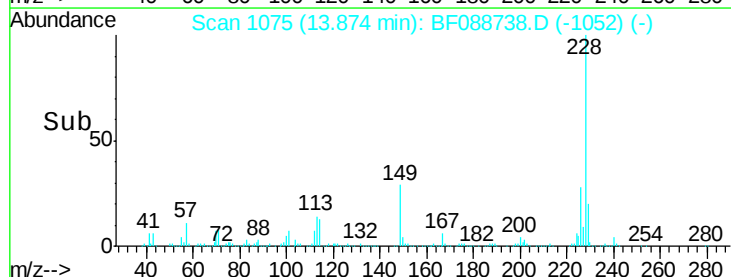
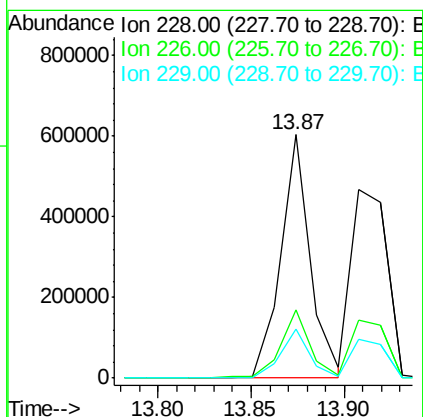
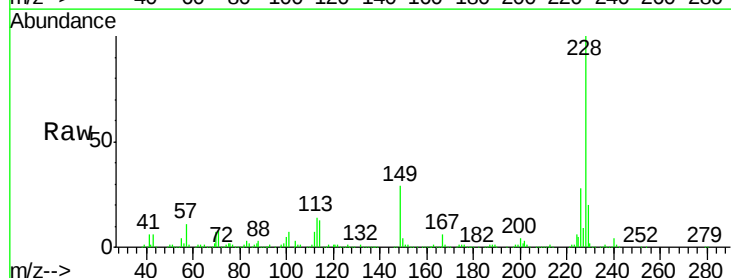
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 392458
Ion Ratio Lower Upper
149 100
91 57.2 48.0 72.0
206 21.8 16.0 24.0



#80
Benzo(a)anthracene
Concen: 39.27 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.03 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:228 Resp: 664727
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.0 16.0 24.0

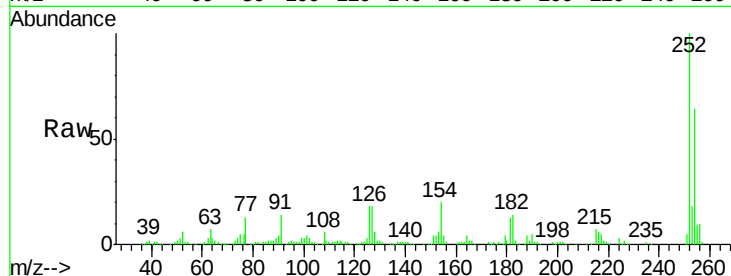




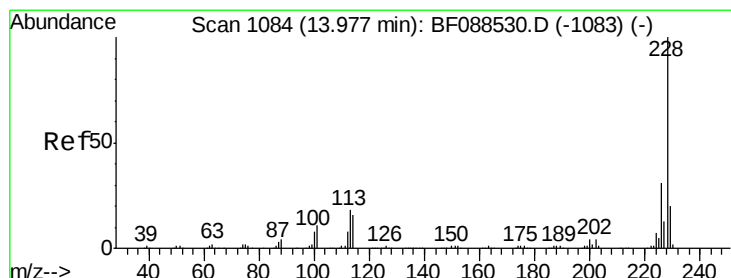
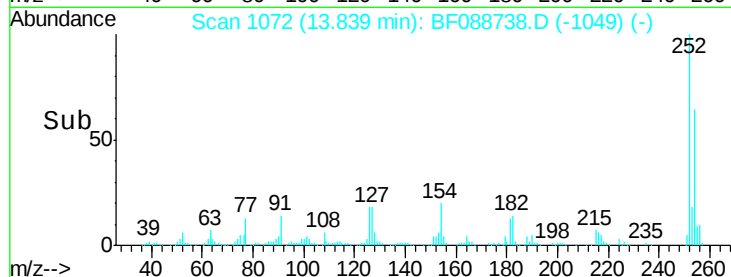
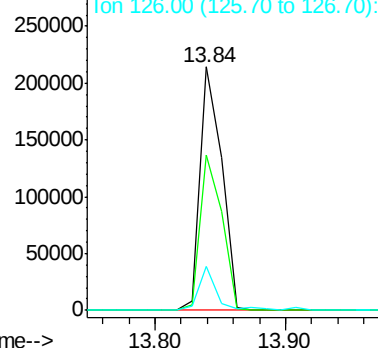
#81
 3,3'-Dichlorobenzidine
 Concen: 38.77 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 246732
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.6 78.8
 126 17.8 6.2 9.2#

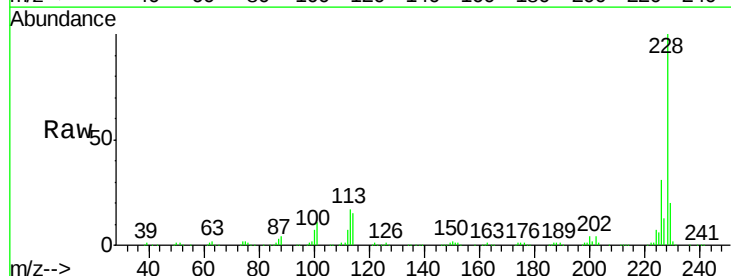


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

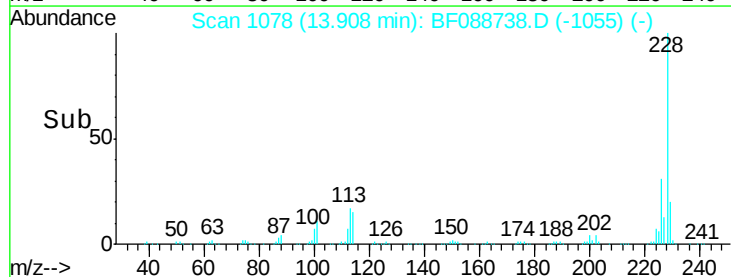
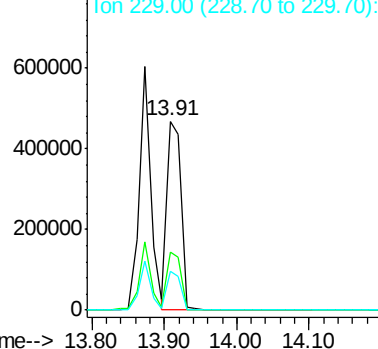


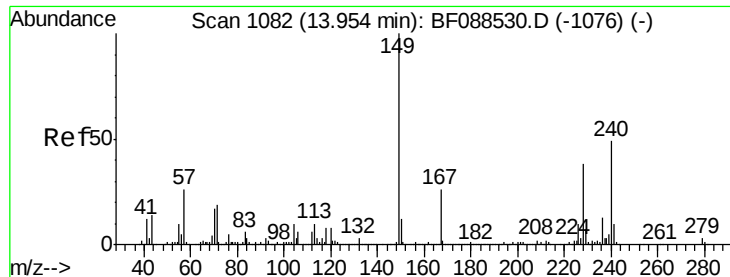
#82
 Chrysene
 Concen: 37.84 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 17:06

Tgt Ion:228 Resp: 633684
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.2
 229 20.3 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.28 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

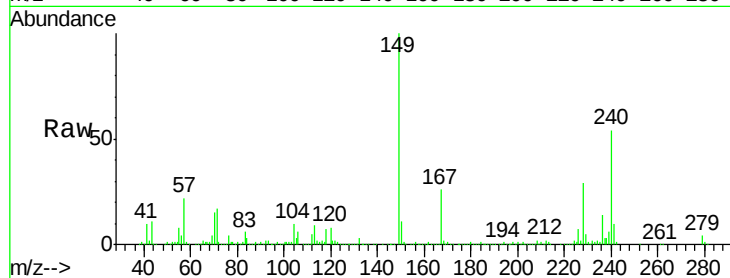
Tot Ion:149 Resp: 513994

Ion Ratio Lower Upper

149 100

167 25.9 20.5 30.7

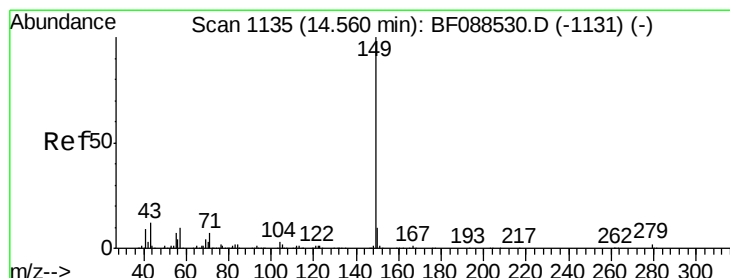
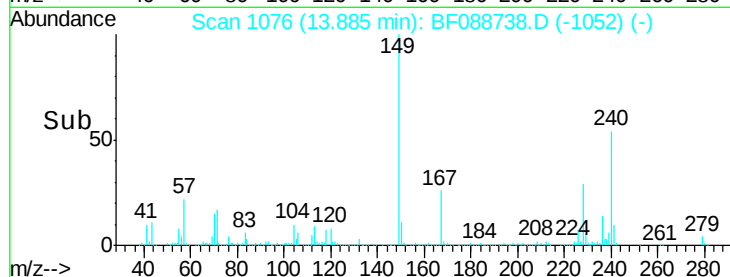
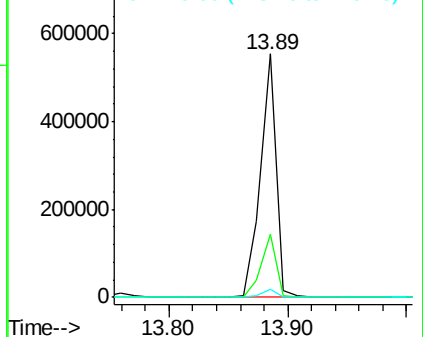
279 3.6 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.50 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

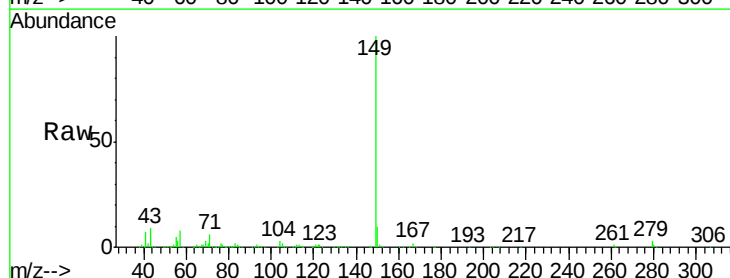
Tgt Ion:149 Resp: 877497

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

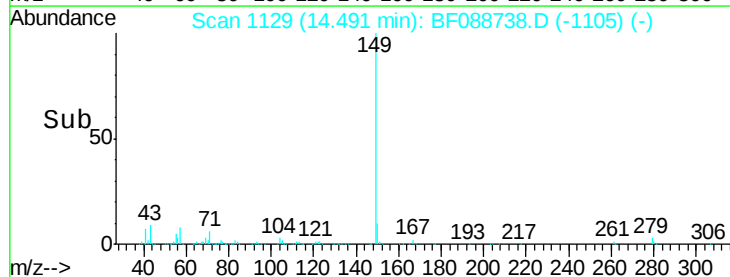
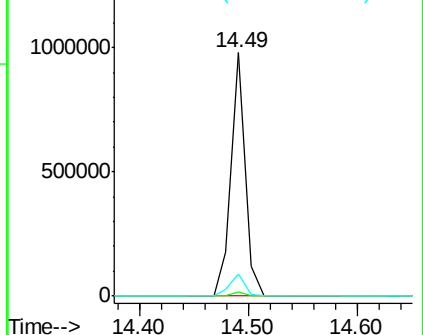
43 9.6 0.0 0.0#

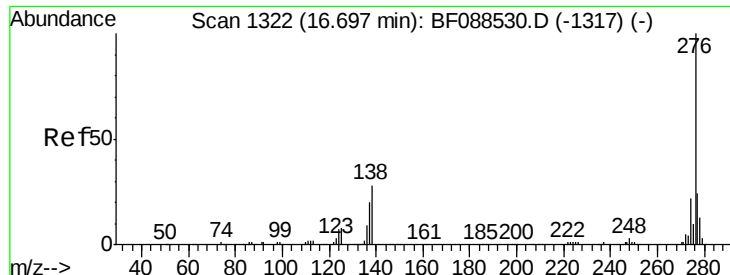


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

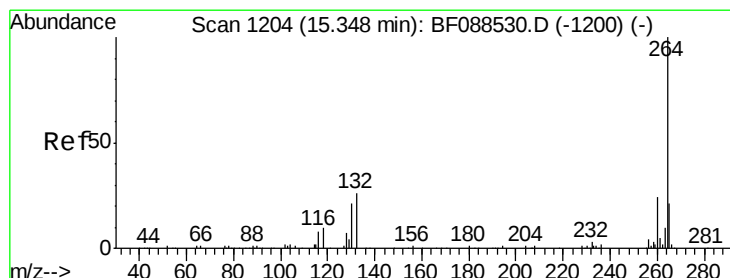
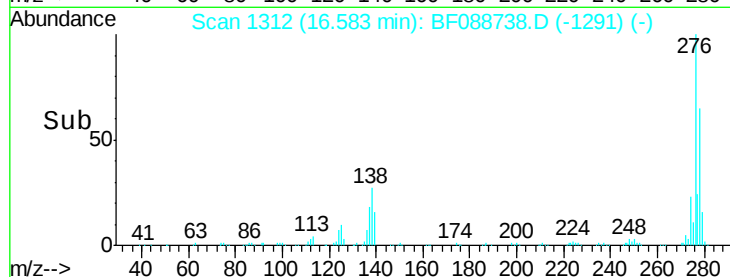
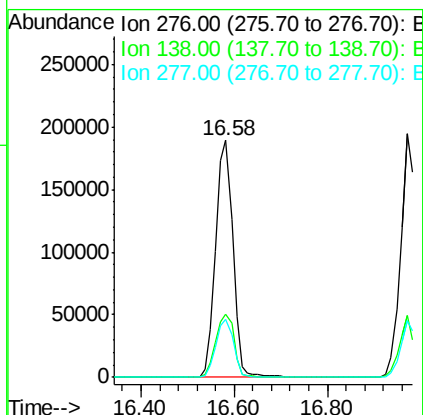
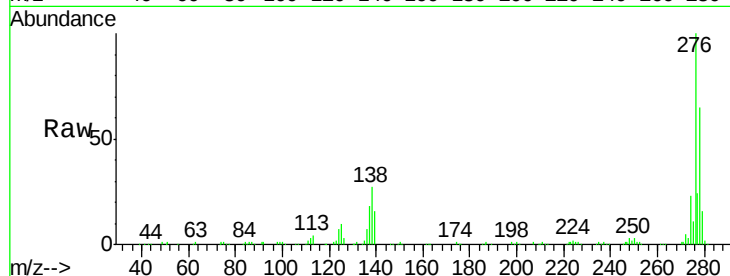




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.74 ng
RT: 16.58 min Scan# 1312
Delta R.T. -0.06 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

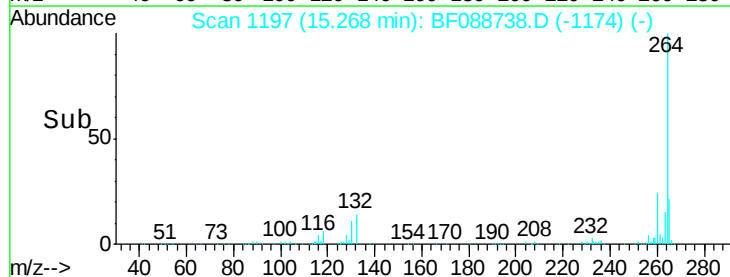
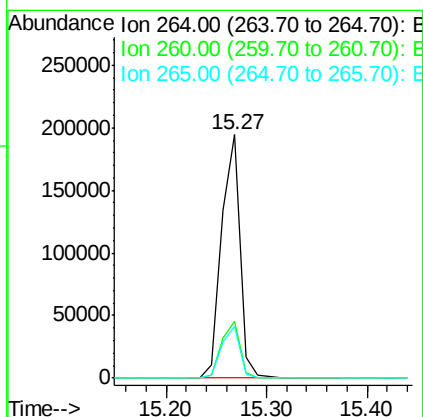
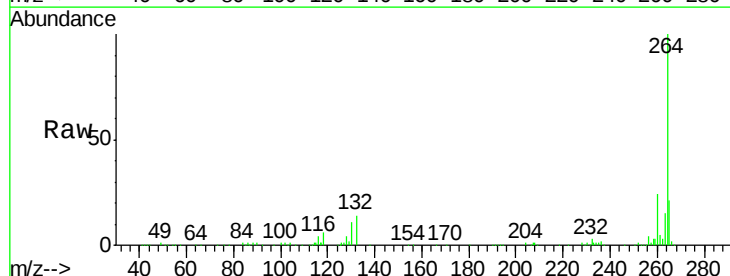
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 486224
Ion Ratio Lower Upper
276 100
138 28.4 0.0 0.0#
277 25.0 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:264 Resp: 248176
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.2 16.9 25.3

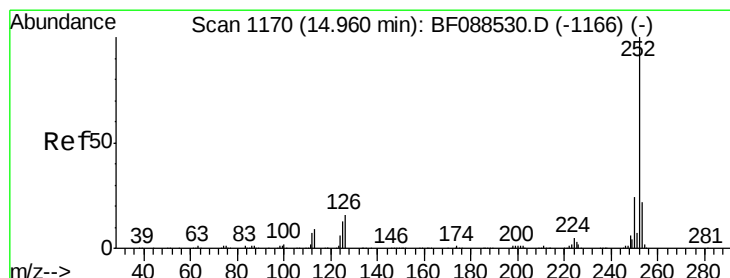
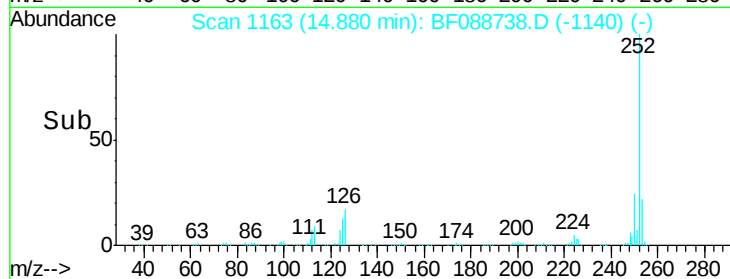
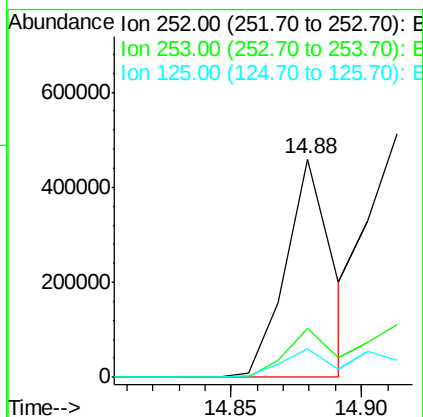
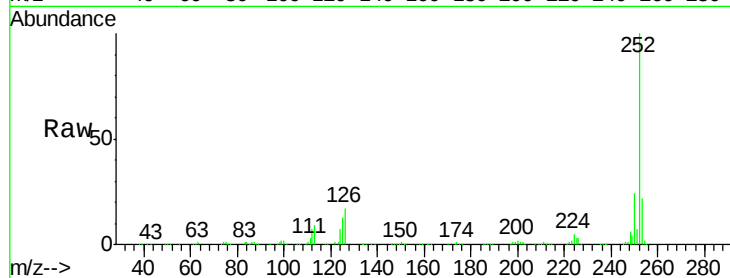




#87
Benzo(b)fluoranthene
Concen: 36.32 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

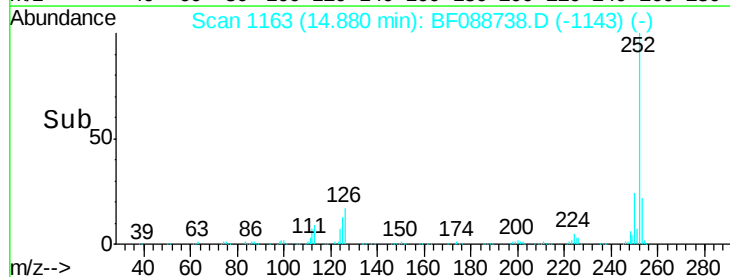
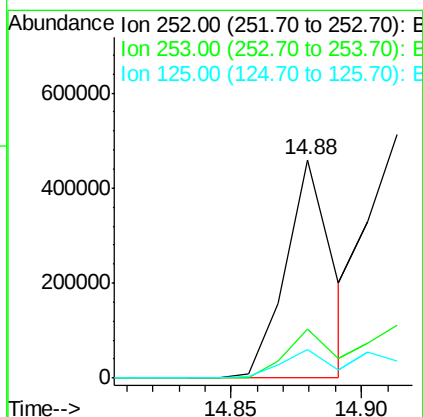
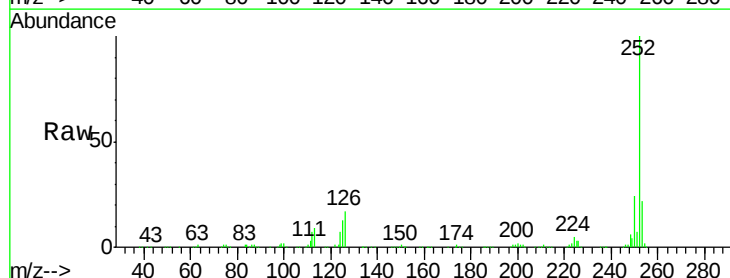
Instrument :
BNA_F
ClientSampleId :

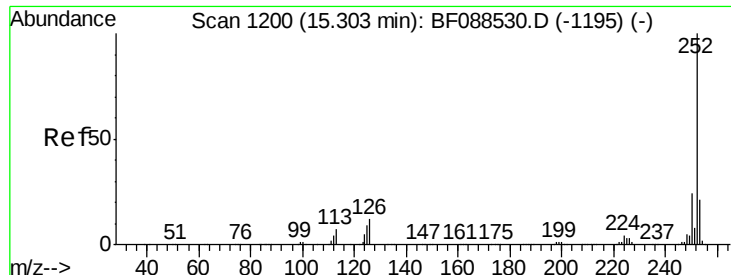
Tot Ion:252 Resp: 565464
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 13.1 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 41.72 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.07 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:252 Resp: 565464
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 13.1 11.2 16.8

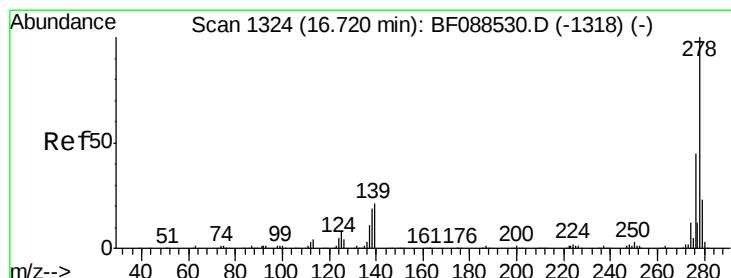
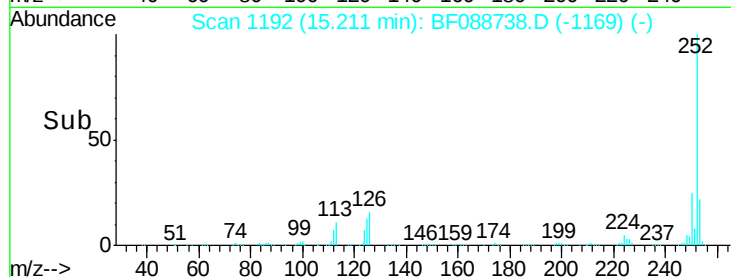
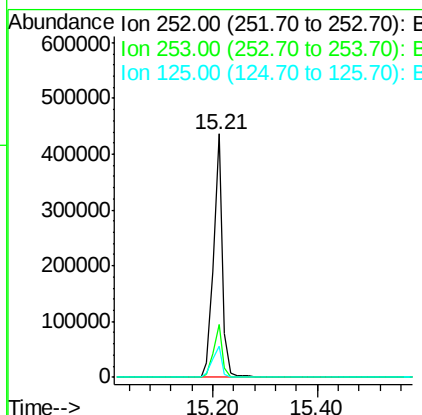
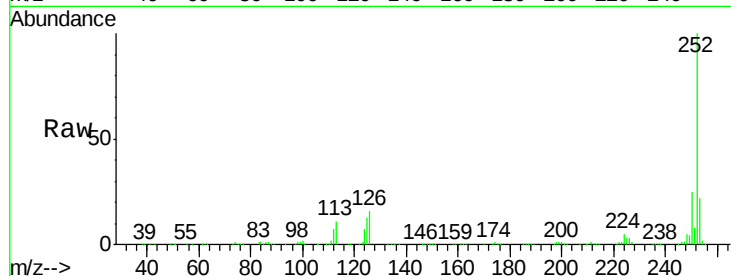




#89
Benzo(a)pyrene
Concen: 39.24 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

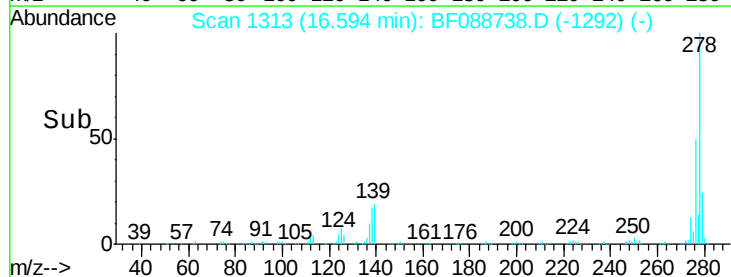
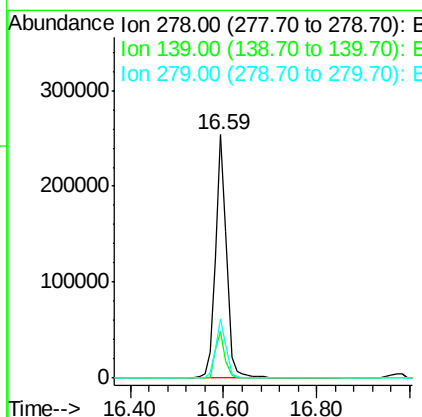
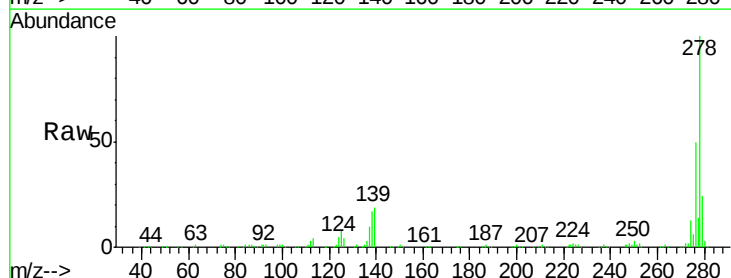
Instrument :
BNA_F
ClientSampled :

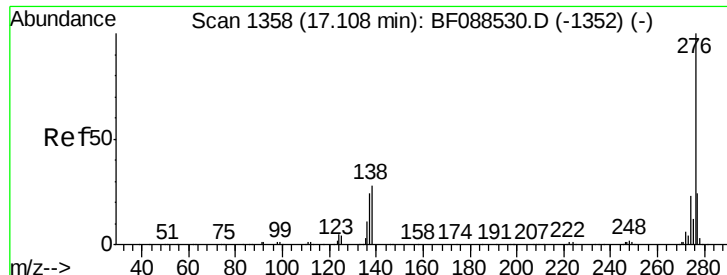
Tot Ion:252 Resp: 517170
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 13.0 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 38.03 ng
RT: 16.59 min Scan# 1313
Delta R.T. -0.06 min
Lab File: BF088738.D
Acq: 6 Jul 2016 17:06

Tgt Ion:278 Resp: 418636
Ion Ratio Lower Upper
278 100
139 18.9 15.7 23.5
279 24.2 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 36.08 ng

RT: 16.97 min Scan# 1346

Delta R.T. -0.07 min

Lab File: BF088738.D

Acq: 6 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

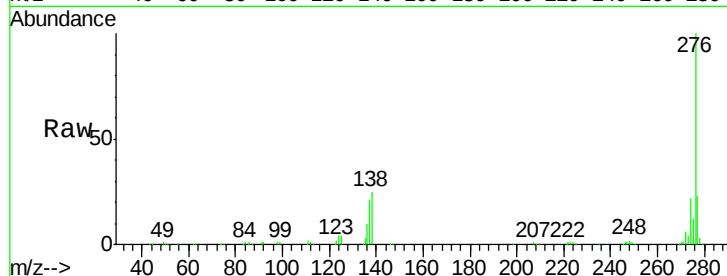
Tot Ion: 276 Resp: 410932

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 25.3 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

