

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088875.D
 Acq On : 9 Jul 2016 17:08
 Operator : UM/SJ
 Sample : H3813-08MSD 25X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Quant Time: Jul 11 15:37:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	70766	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	259372	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	129548	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	269778	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	213286	20.00	ng	-0.02
86) Perylene-d12	15.22	264	150175	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	20432	4.33	ng	-0.03
7) Phenol-d6	6.34	99	27371	4.49	ng	-0.03
23) Nitrobenzene-d5	7.28	82	17420	3.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	5646	4.69	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	34008	4.15	ng	-0.02
78) Terphenyl-d14	12.81	244	37137	3.88	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.23	88	2644	1.13	ng	# 33
3) Pyridine	2.96	79	2423	0.36	ng	# 79
4) n-Nitrosodimethylamine	2.86	42	1134	0.44	ng	# 80
6) Aniline	6.38	93	3300	0.37	ng	98
8) 2-Chlorophenol	6.49	128	3834	0.76	ng	92
9) Benzaldehyde	6.25	77	2501	0.61	ng	83
10) Phenol	6.36	94	5057	0.73	ng	# 72
11) bis(2-Chloroethyl)ether	6.44	93	3810	0.73	ng	93
12) 1,3-Dichlorobenzene	6.65	146	4062	0.73	ng	# 93
13) 1,4-Dichlorobenzene	6.73	146	4065	0.73	ng	91
14) 1,2-Dichlorobenzene	6.89	146	4181	0.81	ng	93
15) Benzyl Alcohol	6.86	79	3410	0.76	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	4686	0.62	ng	89
17) 2-Methylphenol	6.98	107	2966	0.72	ng	94
18) Hexachloroethane	7.23	117	1597	0.74	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	2912	0.71	ng	# 86
20) 3+4-Methylphenols	7.13	107	4412	0.89	ng	87
22) Acetophenone	7.13	105	5635	0.90	ng	# 88
24) Nitrobenzene	7.29	77	4008	0.80	ng	# 84
25) Isophorone	7.54	82	7219	0.79	ng	# 95
26) 2-Nitrophenol	7.62	139	1614	0.79	ng	# 83
27) 2,4-Dimethylphenol	7.67	122	3155	0.74	ng	86
28) bis(2-Chloroethoxy)methane	7.76	93	5664	0.95	ng	# 89
29) 2,4-Dichlorophenol	7.86	162	2813	0.82	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	3280	0.87	ng	97
31) Naphthalene	8.02	128	13115	1.03	ng	99
33) 4-Chloroaniline	8.08	127	2848	0.50	ng	94
34) Hexachlorobutadiene	8.15	225	1809	0.89	ng	98
35) Caprolactam	8.39	113	676	0.58	ng	# 83
36) 4-Chloro-3-methylphenol	8.56	107	3638	0.89	ng	97
37) 2-Methylnaphthalene	8.72	142	7458	0.91	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	3576	0.83	ng	# 1
40) Hexachlorocyclopentadiene	8.87	237	1690	0.80	ng	93
42) 2,4,6-Trichlorophenol	8.99	196	1996	0.70	ng	98

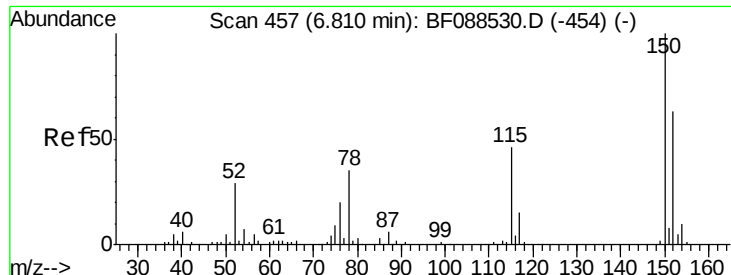
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	1847	0.76	nq	# 79
45) 1,1'-Biphenyl	9.18	154	10426	0.97	nq	99
46) 2-Chloronaphthalene	9.20	162	7864	0.93	nq	99
47) 2-Nitroaniline	9.29	65	2037	0.68	nq	93
48) Acenaphthylene	9.61	152	13279	0.99	nq	97
49) Dimethylphthalate	9.47	163	11309	1.23	nq	97
50) 2,6-Dinitrotoluene	9.53	165	1537	0.75	nq	# 30
51) Acenaphthene	9.78	154	8566	1.04	nq	98
52) 3-Nitroaniline	9.70	138	1727	0.66	nq	# 96
54) Dibenzofuran	9.95	168	12306	1.14	nq	# 90
55) 4-Nitrophenol	9.86	139	2468	1.25	nq	# 79
56) 2,4-Dinitrotoluene	9.93	165	1979	0.74	nq	# 21
57) Fluorene	10.30	166	9454	1.14	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.08	232	1095	0.58	nq	# 61
59) Diethylphthalate	10.17	149	9270	1.00	nq	# 94
60) 4-Chlorophenyl-phenylether	10.30	204	4253	1.10	nq	89
61) 4-Nitroaniline	10.30	138	1758	0.70	nq	# 76
62) Azobenzene	10.44	77	8836	0.84	nq	91
65) n-Nitrosodiphenylamine	10.41	169	7633	0.84	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	2384	0.88	nq	# 67
67) Hexachlorobenzene	10.84	284	2840	0.94	nq	# 77
68) Atrazine	10.94	200	2319	0.82	nq	92
69) Pentachlorophenol	11.04	266	658	0.37	nq	88
70) Phenanthrene	11.24	178	13811	0.94	nq	98
71) Anthracene	11.30	178	14041	0.96	nq	98
72) Carbazole	11.45	167	11606	0.84	nq	95
73) Di-n-butylphthalate	11.80	149	15519	0.97	nq	98
74) Fluoranthene	12.43	202	13649	0.91	nq	94
76) Benzidine	12.56	184	671	0.06	nq	# 66
77) Pyrene	12.65	202	13511	0.75	nq	100
79) Butylbenzylphthalate	13.29	149	5568	0.69	nq	93
80) Benzo(a)anthracene	13.84	228	11745	0.86	nq	98
81) 3,3'-Dichlorobenzidine	13.81	252	1819	0.35	nq	# 92
82) Chrysene	13.87	228	10041	0.74	nq	97
83) Bis(2-ethylhexyl)phthalate	13.85	149	8275	0.90	nq	# 98
84) Di-n-octyl phthalate	14.46	149	10651	0.68	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.51	276	7153	0.68	nq	# 100
87) Benzo(b)fluoranthene	14.85	252	8422m	0.89	nq	
88) Benzo(k)fluoranthene	14.87	252	6073m	0.74	nq	
89) Benzo(a)pyrene	15.17	252	6432	0.81	nq	97
90) Dibenzo(a,h)anthracene	16.53	278	5761	0.86	nq	# 93
91) Benzo(g,h,i)perylene	16.89	276	6257	0.91	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088875.D

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BNA_F

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P001-DS001-01MSD

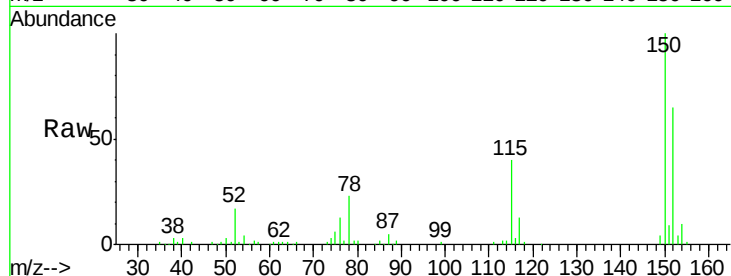
Tot Ion:152 Resp: 70766

Ion Ratio Lower Upper

152 100

150 154.5 123.8 185.6

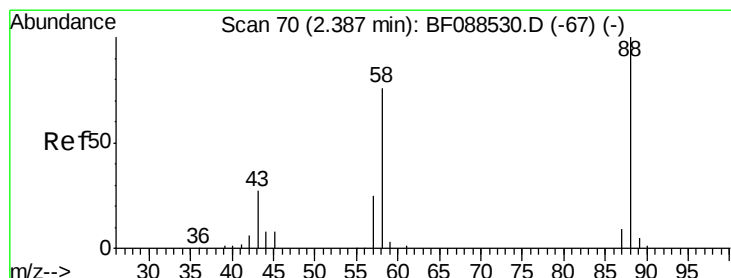
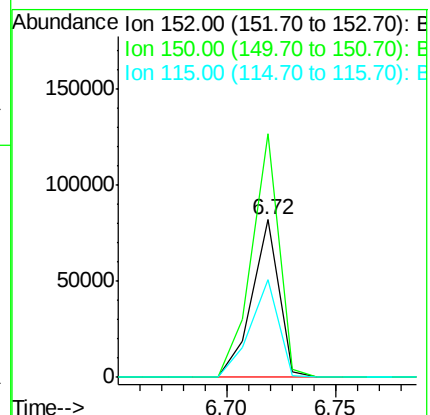
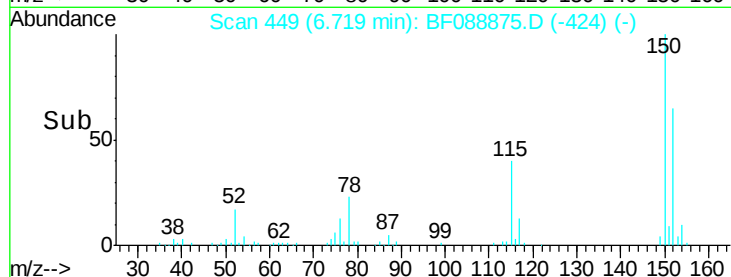
115 62.3 39.6 59.4#



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: 1.13 ng

RT: 2.23 min Scan# 56

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

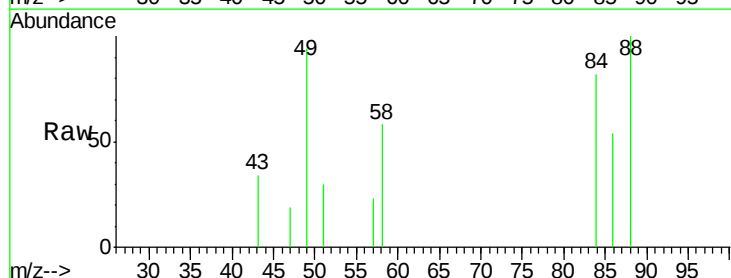
Tgt Ion: 88 Resp: 2644

Ion Ratio Lower Upper

88 100

58 49.4 0.0 0.0#

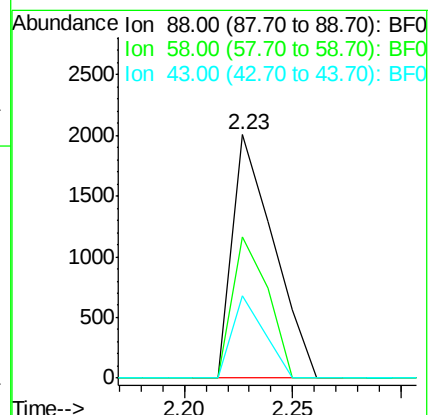
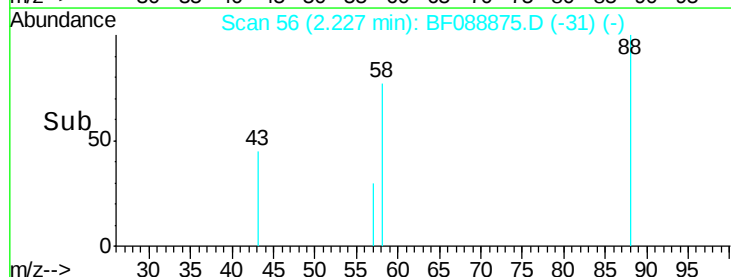
43 26.2 3.4 5.2#

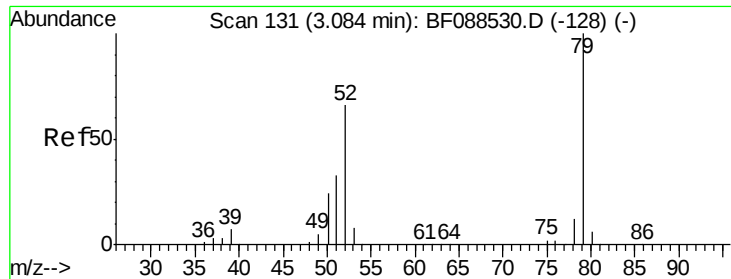


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

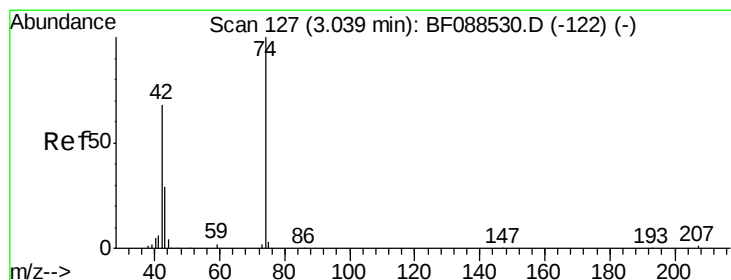
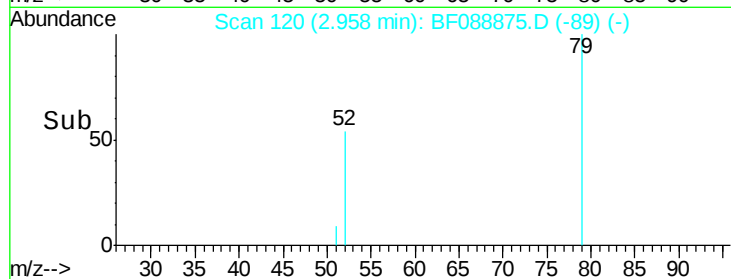
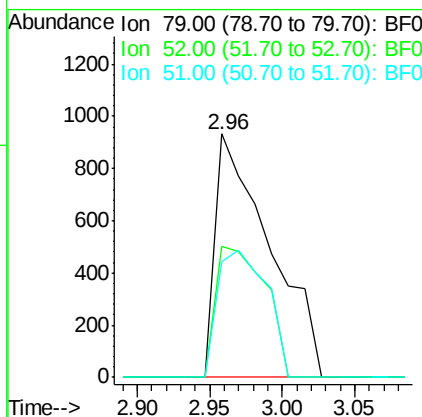
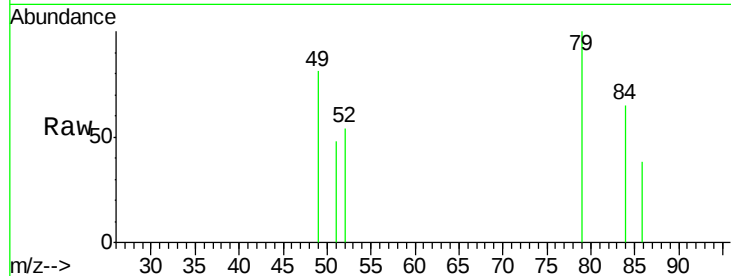




#3
 Pvridine
 Concen: 0.36 ng
 RT: 2.96 min Scan# 120
 Delta R.T. 0.06 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

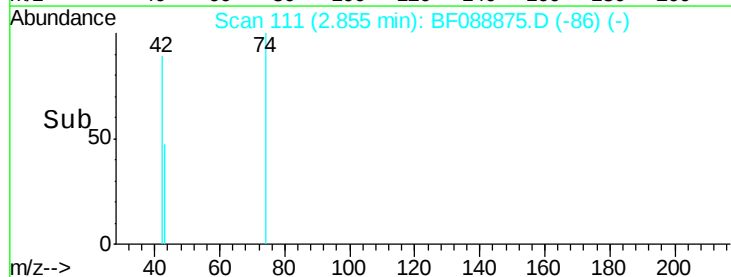
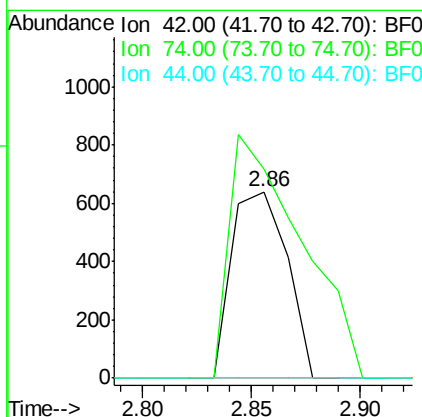
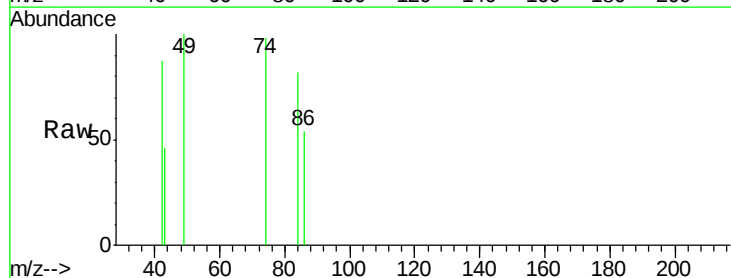
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion: 79 Resp: 2423
 Ion Ratio Lower Upper
 79 100
 52 54.0 56.3 84.5#
 51 47.6 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 0.44 ng
 RT: 2.86 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion: 42 Resp: 1134
 Ion Ratio Lower Upper
 42 100
 74 112.3 108.6 163.0
 44 0.0 5.5 8.3#





#5

2-Fluorophenol

Concen: 4.33 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.03 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

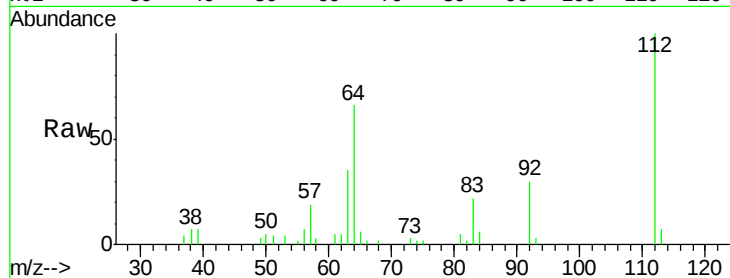
Tot Ion: 112 Resp: 20432

Ion Ratio Lower Upper

112 100

64 65.7 42.2 63.2#

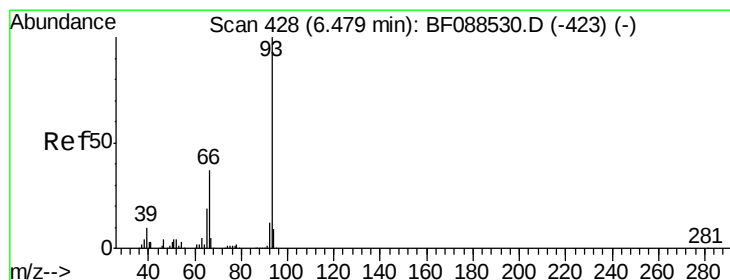
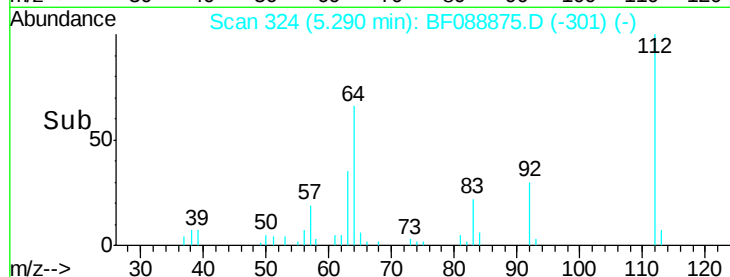
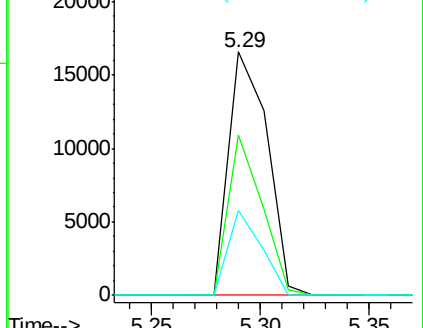
63 35.0 21.8 32.8#



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: 0.37 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

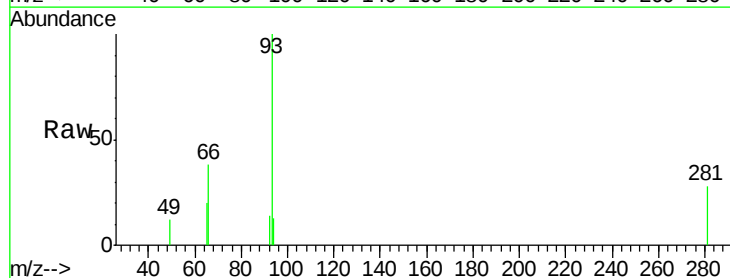
Tgt Ion: 93 Resp: 3300

Ion Ratio Lower Upper

93 100

66 37.8 29.8 44.8

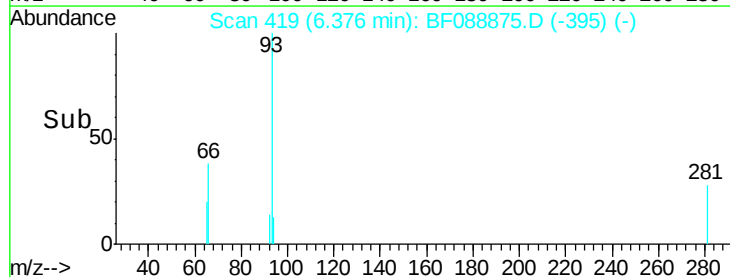
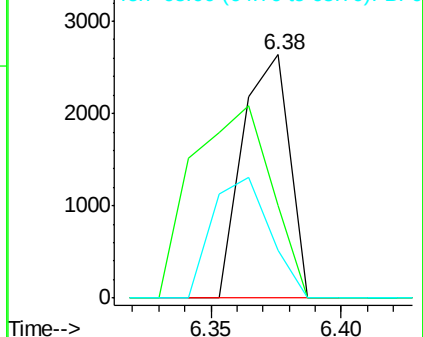
65 19.9 14.9 22.3



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: 4.49 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

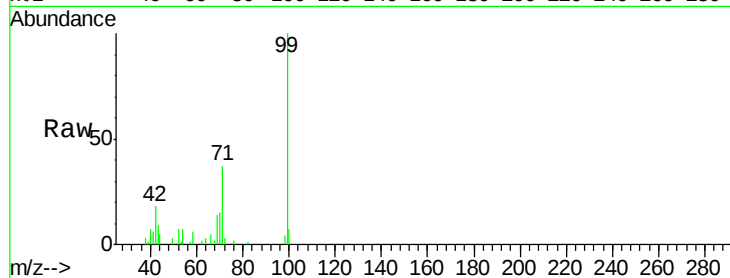
Tot Ion: 99 Resp: 27371

Ion Ratio Lower Upper

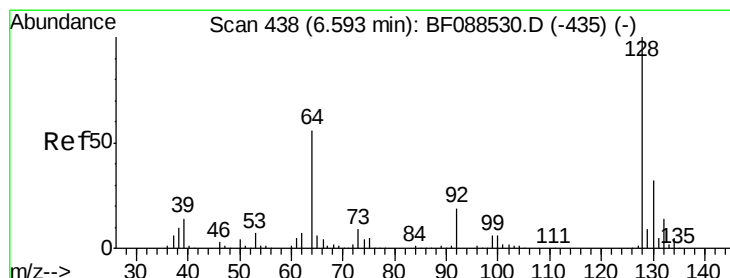
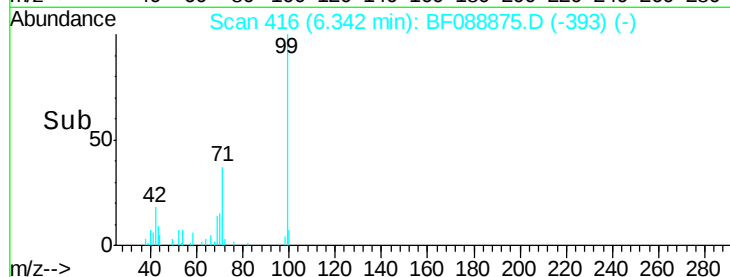
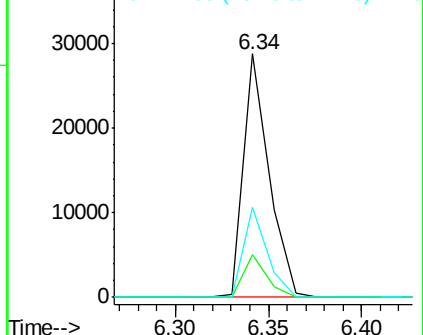
99 100

42 17.6 12.2 18.2

71 37.1 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 0.76 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

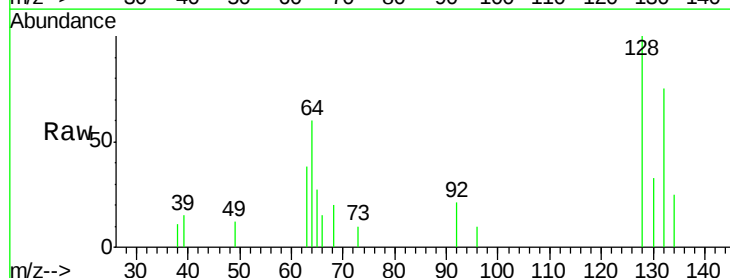
Tgt Ion: 128 Resp: 3834

Ion Ratio Lower Upper

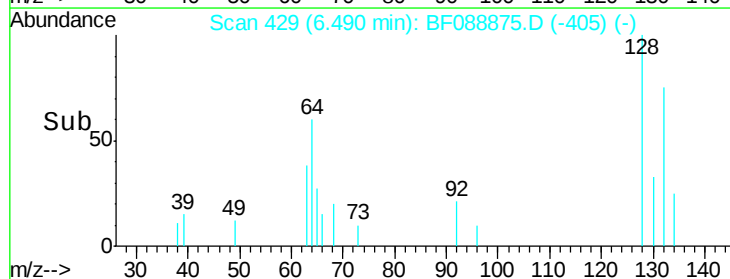
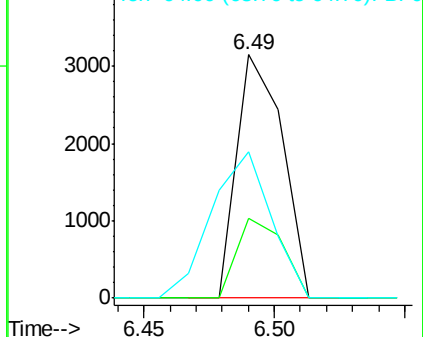
128 100

130 32.6 12.0 52.0

64 59.9 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.61 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

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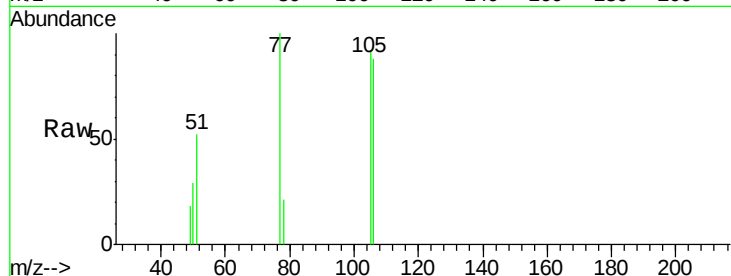
Tot Ion: 77 Resp: 2501

Ion Ratio Lower Upper

77 100

105 92.3 90.6 130.6

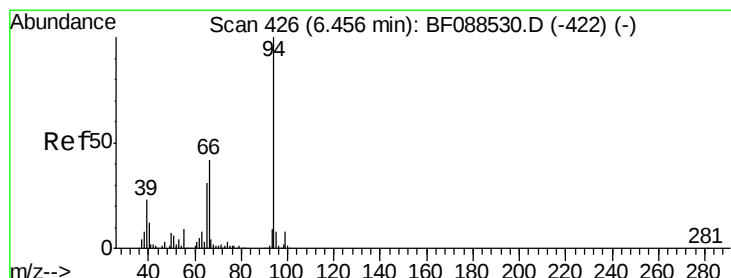
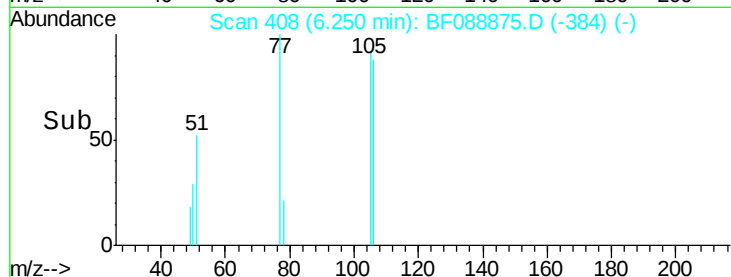
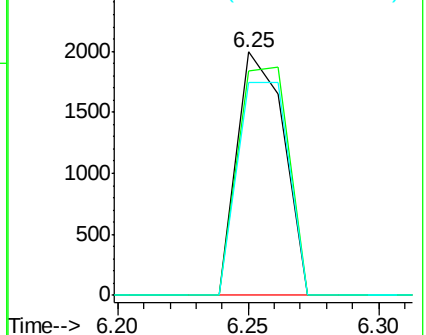
106 87.6 85.3 125.3



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: 0.73 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

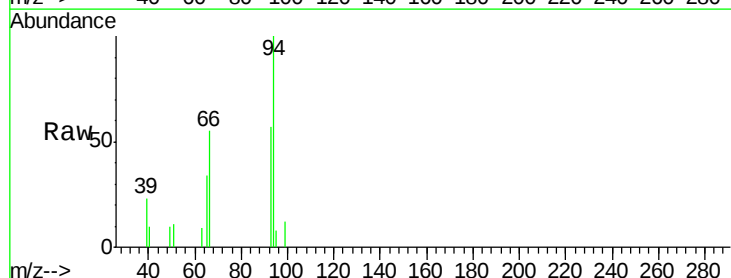
Tgt Ion: 94 Resp: 5057

Ion Ratio Lower Upper

94 100

65 34.4 5.9 45.9

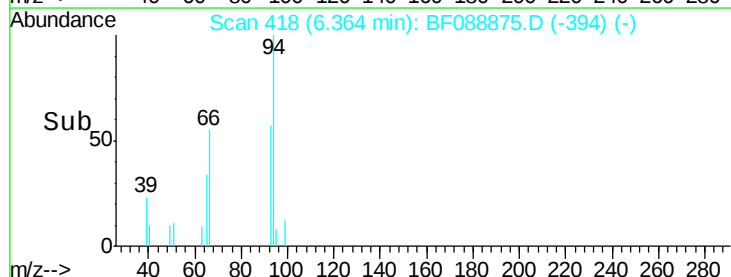
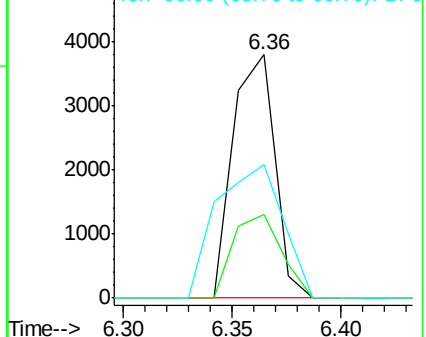
66 54.8 14.0 54.0#



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

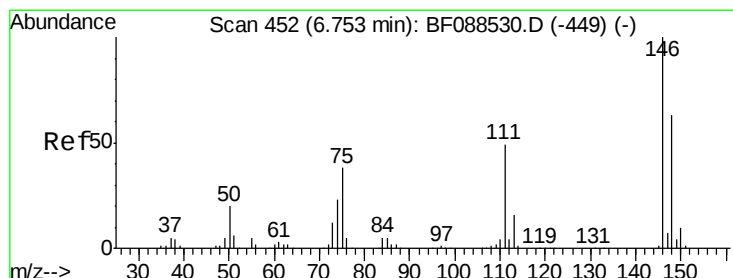
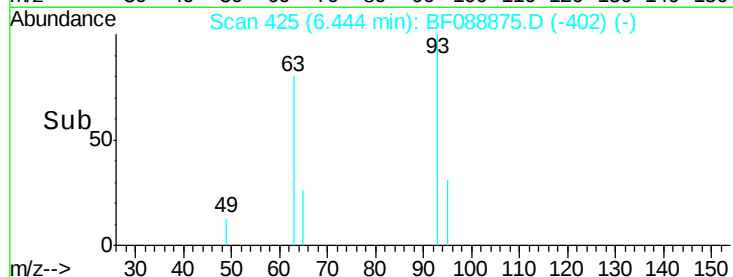
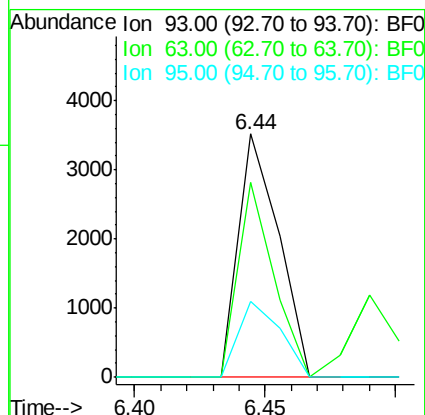
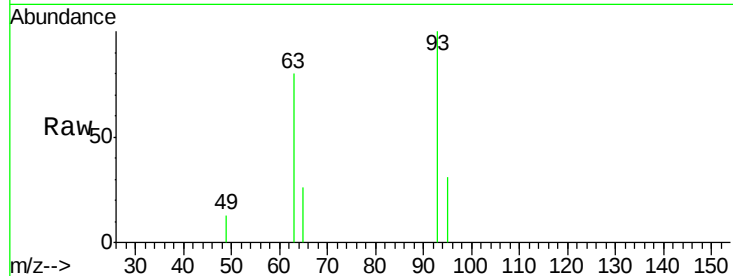




#11
bis(2-Chloroethyl)ether
Concen: 0.73 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

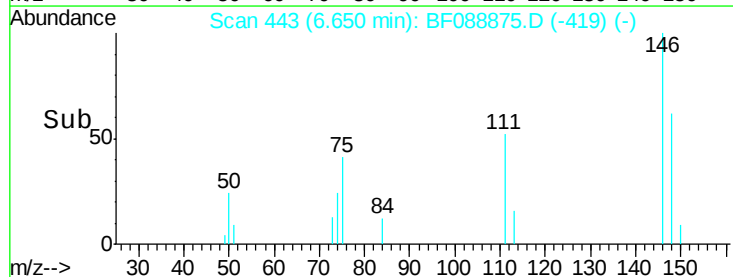
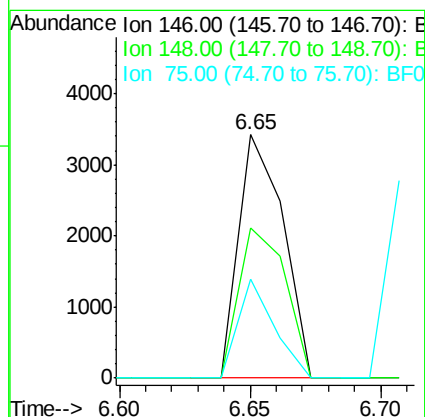
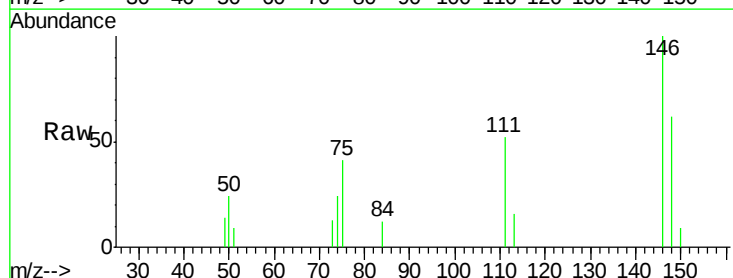
Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

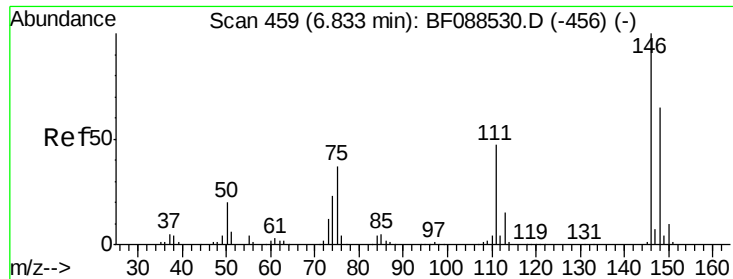
Tot Ion: 93 Resp: 3810
Ion Ratio Lower Upper
93 100
63 80.1 67.6 107.6
95 31.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 0.73 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion: 146 Resp: 4062
Ion Ratio Lower Upper
146 100
148 61.7 50.9 76.3
75 40.8 25.6 38.4#

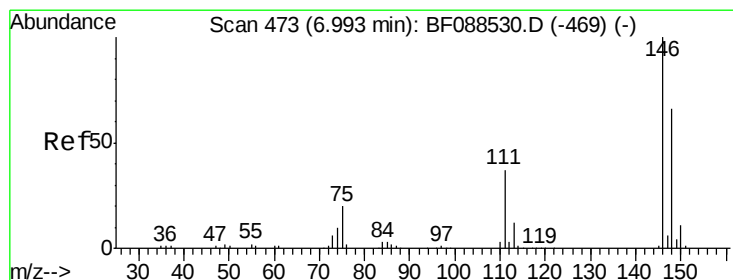
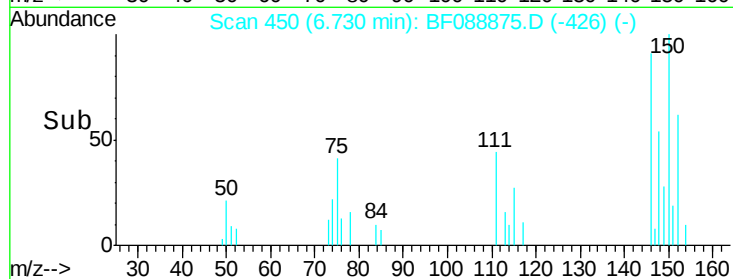
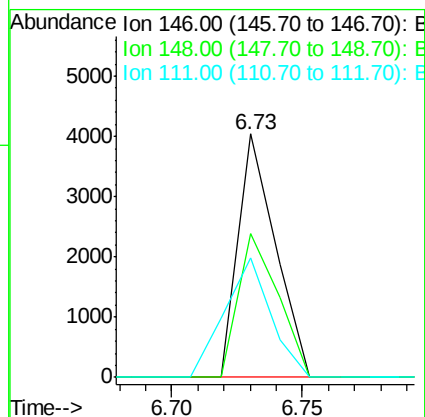
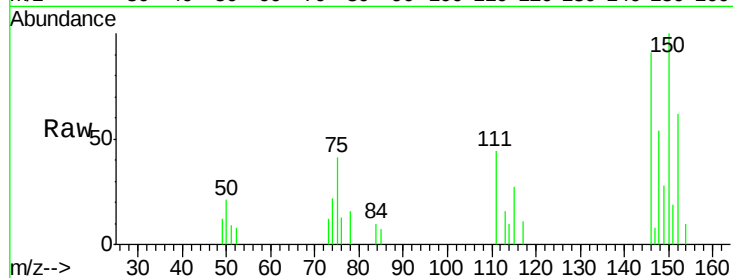




#13
 1,4-Dichlorobenzene
 Concen: 0.73 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

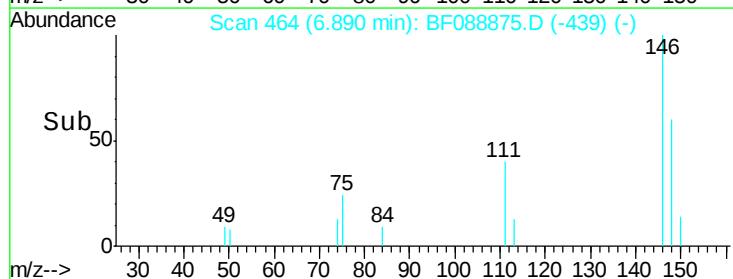
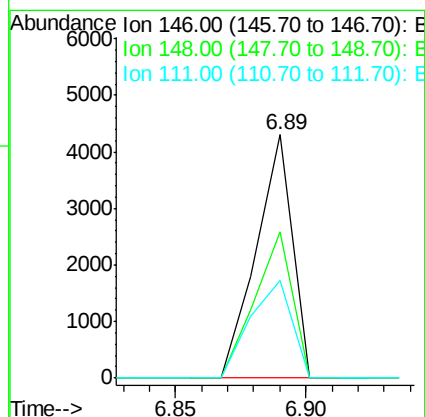
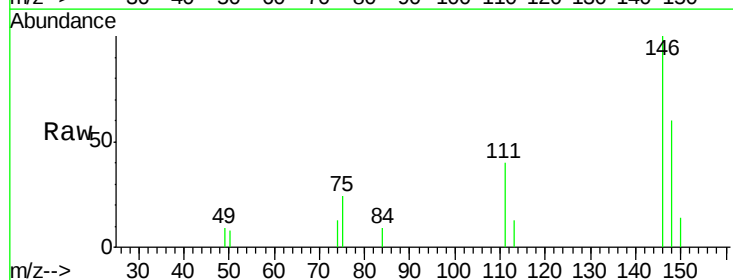
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion:146 Resp: 4065
 Ion Ratio Lower Upper
 146 100
 148 59.0 52.0 78.0
 111 48.8 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 0.81 ng
 RT: 6.89 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion:146 Resp: 4181
 Ion Ratio Lower Upper
 146 100
 148 60.1 52.3 78.5
 111 40.2 28.7 43.1





#15

Benzyl Alcohol

Concen: 0.76 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

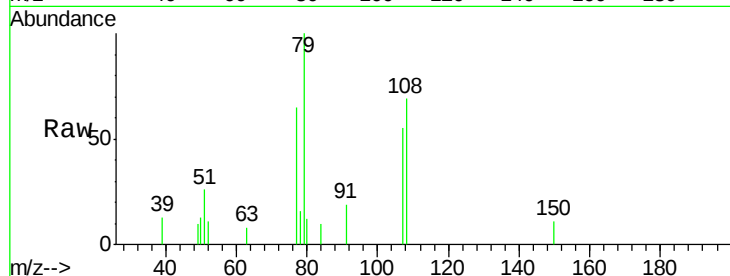
Tot Ion: 79 Resp: 3410

Ion Ratio Lower Upper

79 100

108 69.3 65.0 97.6

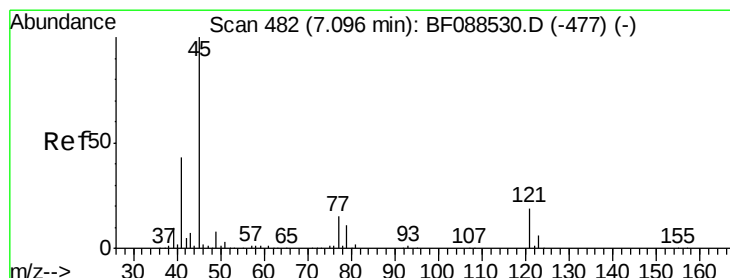
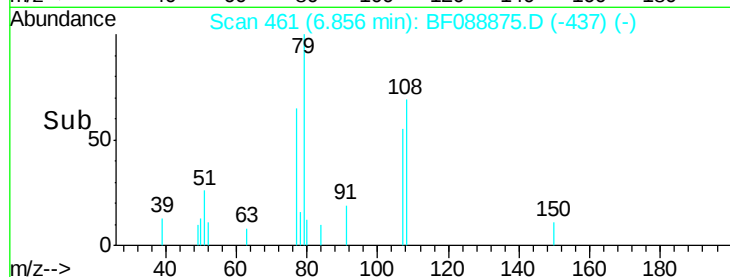
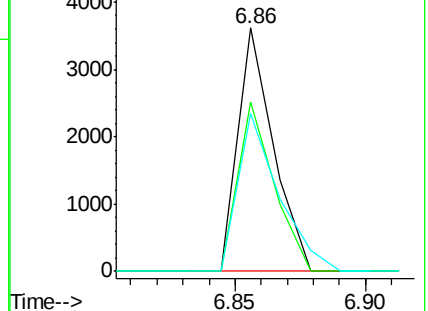
77 64.8 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.62 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

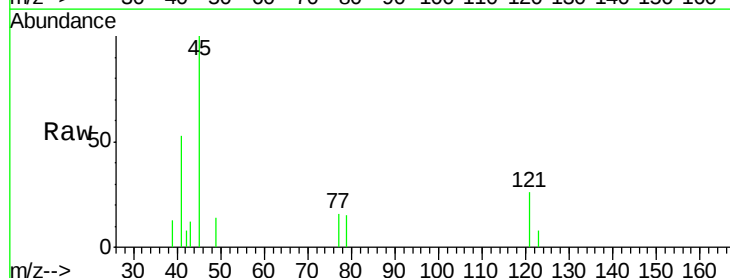
Tgt Ion: 45 Resp: 4686

Ion Ratio Lower Upper

45 100

77 16.2 0.0 32.5

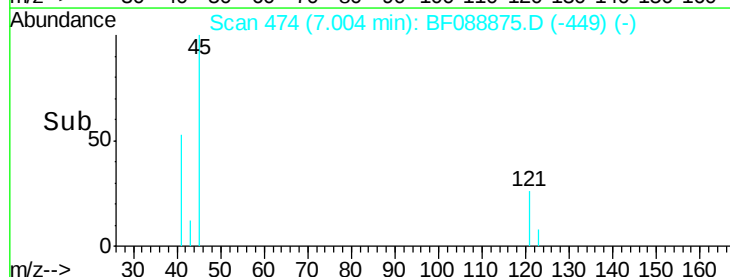
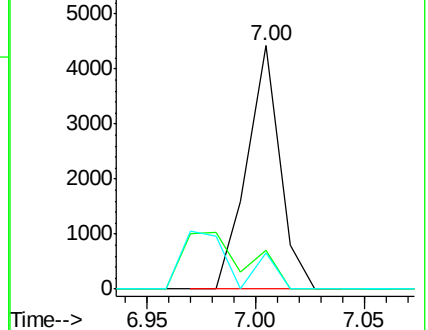
79 14.7 0.0 29.5



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 0.72 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

Tot Ion:107 Resp: 2966

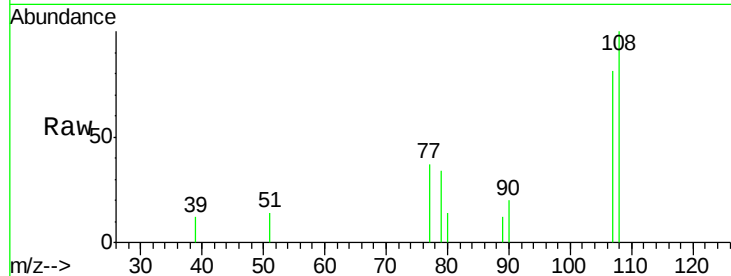
Ion Ratio Lower Upper

107 100

108 123.5 90.9 136.3

77 45.2 36.6 55.0

79 42.2 36.5 54.7

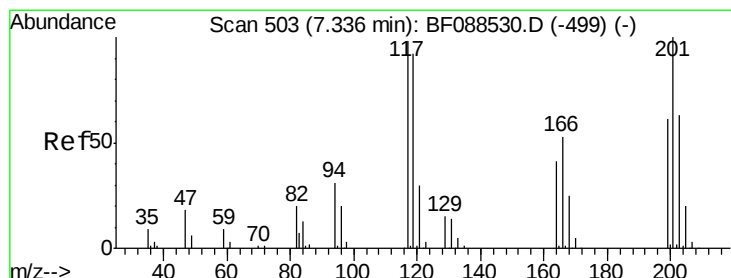
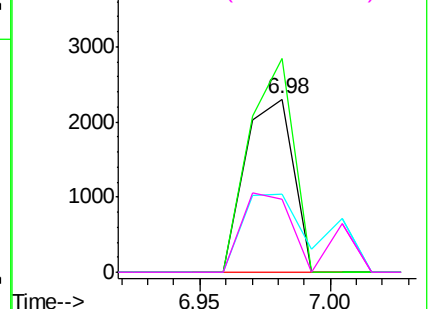
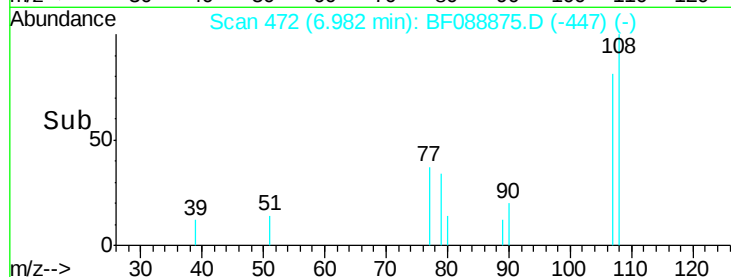


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 0.74 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

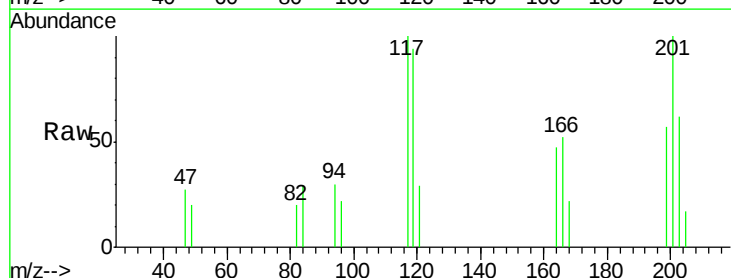
Tgt Ion:117 Resp: 1597

Ion Ratio Lower Upper

117 100

119 94.1 77.4 116.2

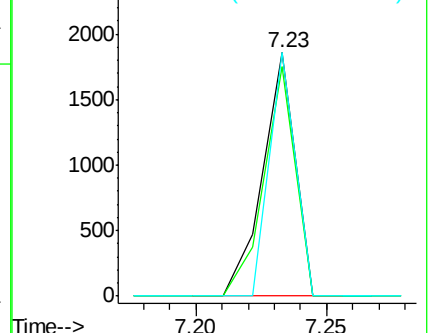
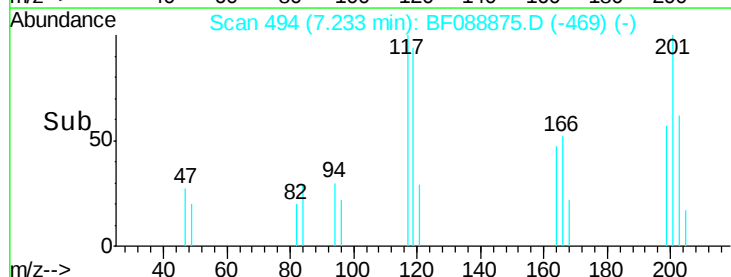
201 99.9 80.4 120.6

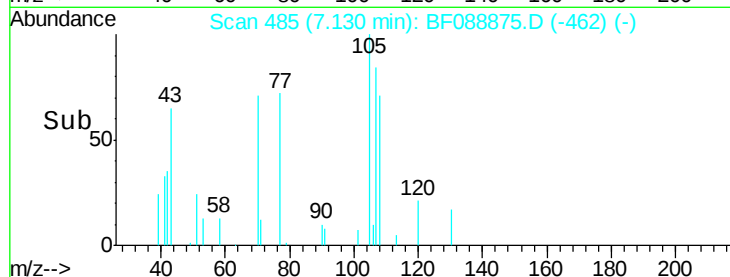
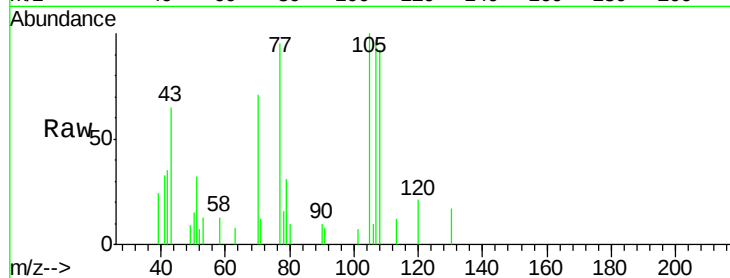
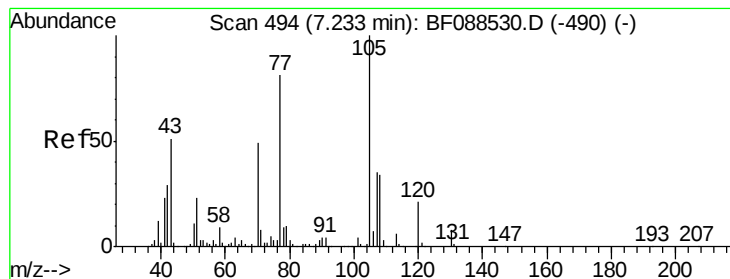


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 0.71 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.03 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

Tot Ion: 70 Resp: 2912

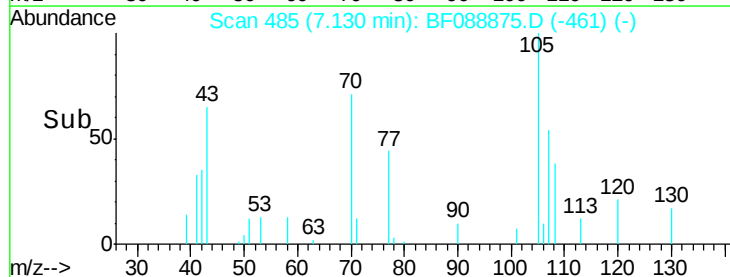
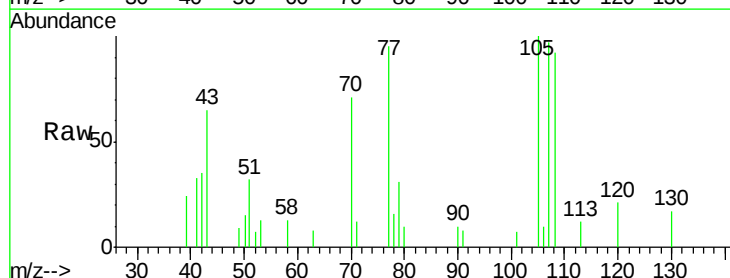
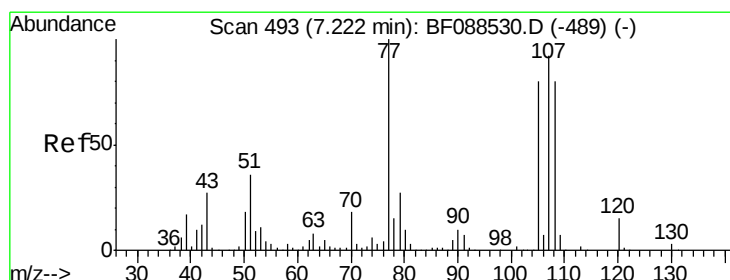
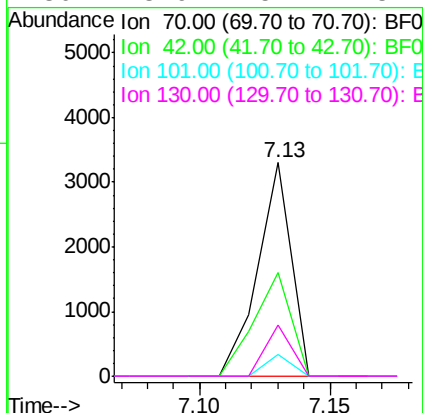
Ion Ratio Lower Upper

70 100

42 48.8 49.6 74.4#

101 10.1 7.1 10.7

130 23.9 15.4 23.2#



#20

3+4-Methylphenols

Concen: 0.89 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Tgt Ion: 107 Resp: 4412

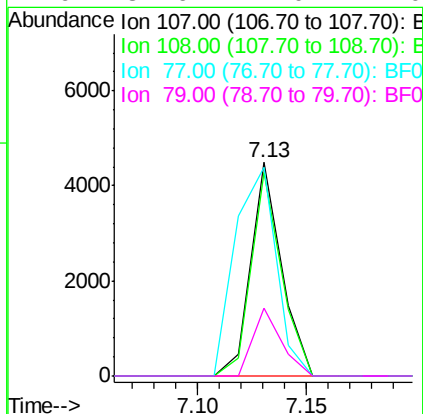
Ion Ratio Lower Upper

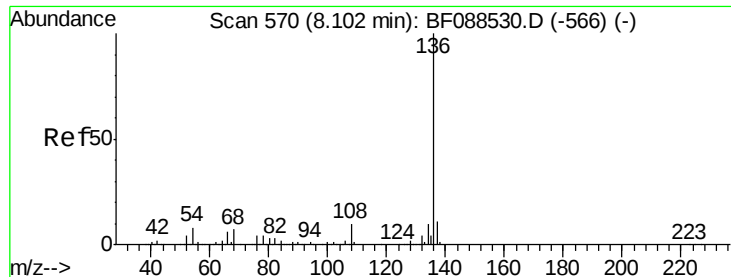
107 100

108 95.0 67.8 107.8

77 97.8 59.3 99.3

79 31.6 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

Tot Ion:136 Resp: 259372

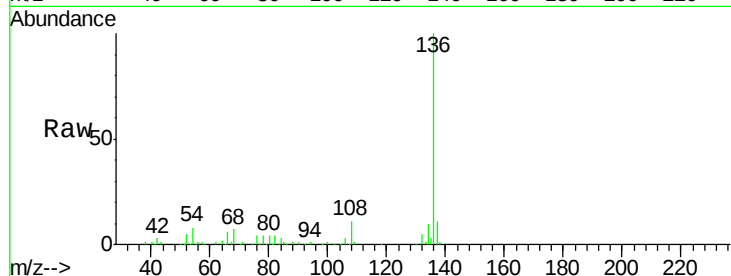
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.4 6.6 10.0

68 6.8 5.1 7.7

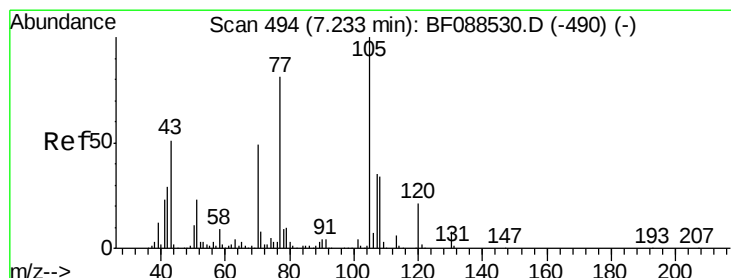
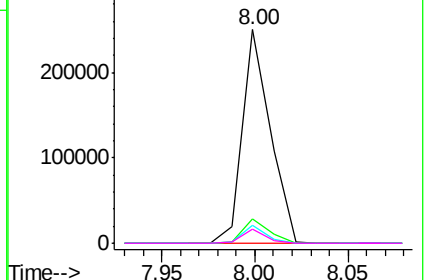
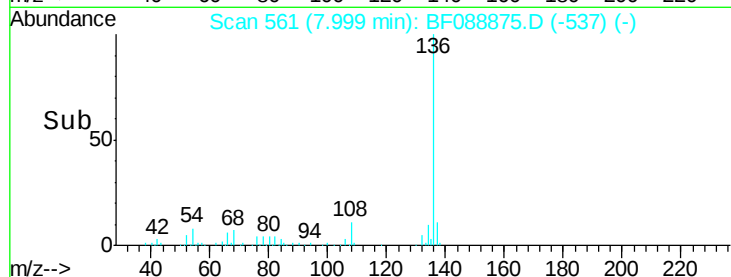


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 0.90 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Tgt Ion:105 Resp: 5635

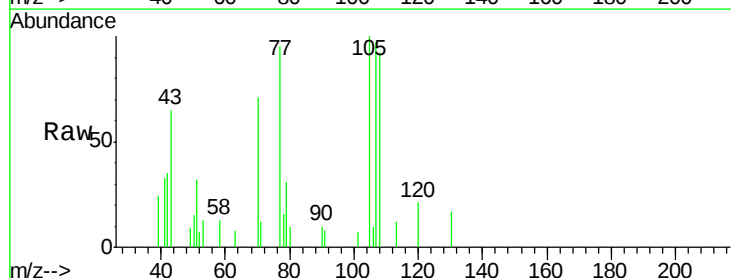
Ion Ratio Lower Upper

105 100

71 12.4 5.3 7.9#

51 32.2 18.2 27.4#

120 21.1 18.0 27.0

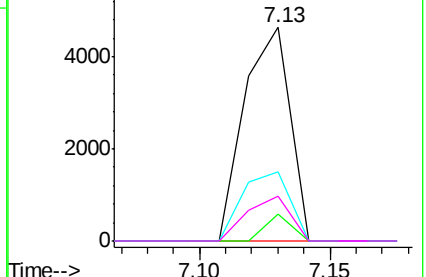
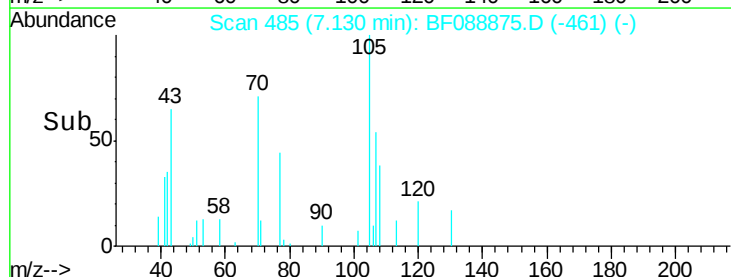


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

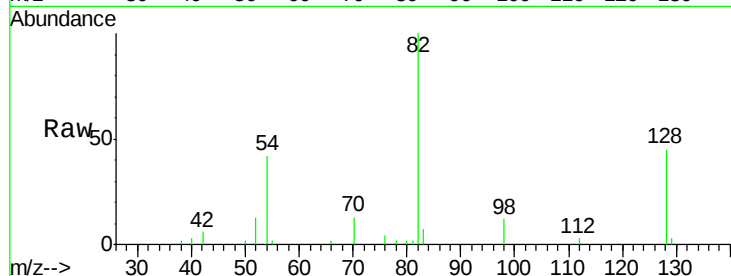




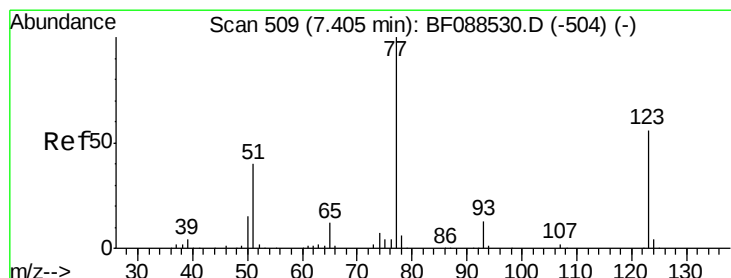
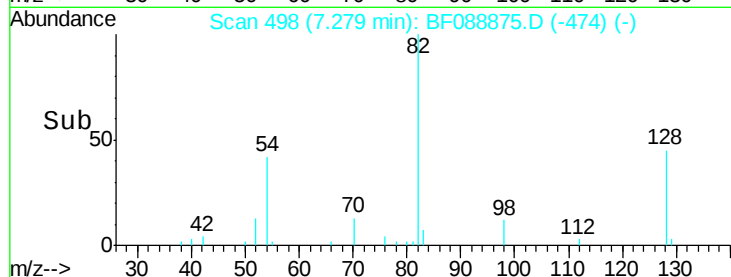
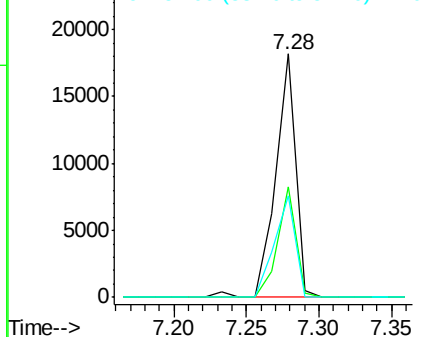
#23
 Nitrobenzene-d5
 Concen: 3.52 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion: 82 Resp: 17420
 Ion Ratio Lower Upper
 82 100
 128 45.4 35.9 53.9
 54 41.5 40.9 61.3

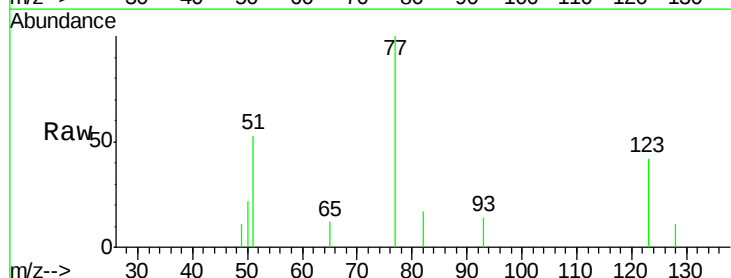


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

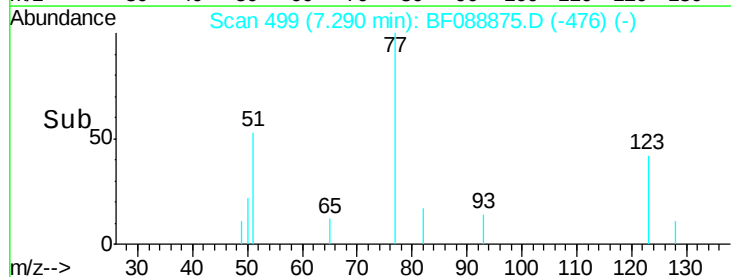
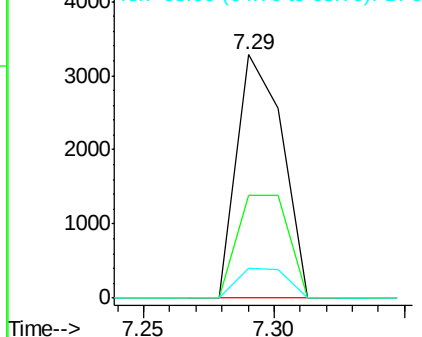


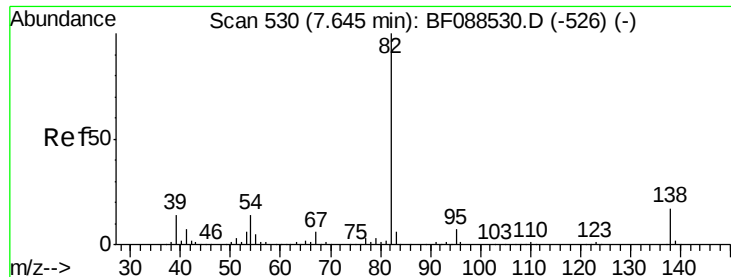
#24
 Nitrobenzene
 Concen: 0.80 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion: 77 Resp: 4008
 Ion Ratio Lower Upper
 77 100
 123 42.2 45.0 67.4#
 65 12.3 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: 0.79 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

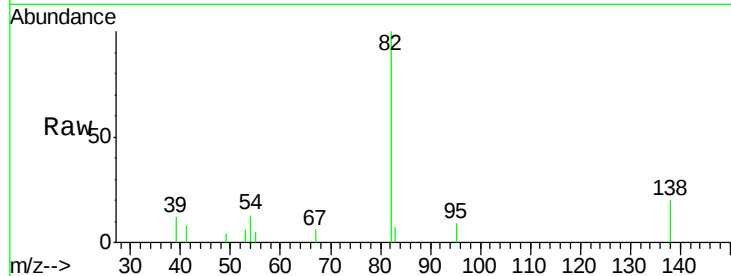
Tot Ion: 82 Resp: 7219

Ion Ratio Lower Upper

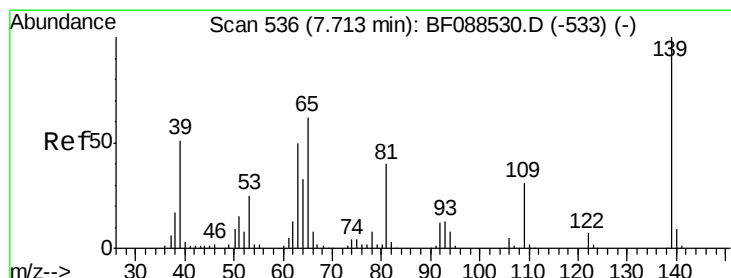
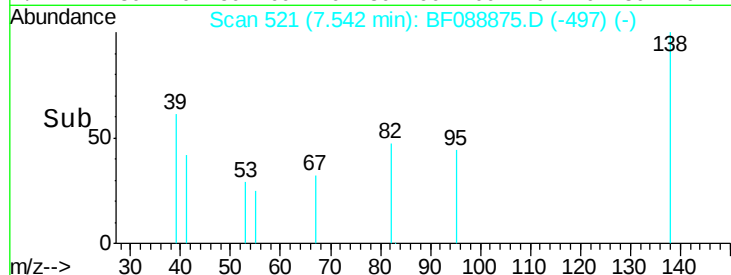
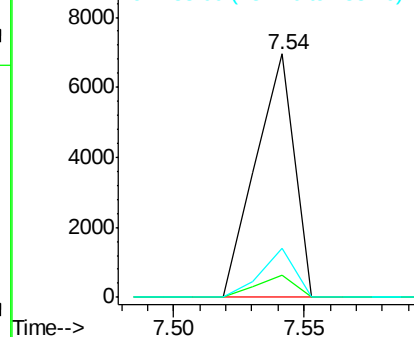
82 100

95 8.9 5.4 8.2#

138 20.4 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: 0.79 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

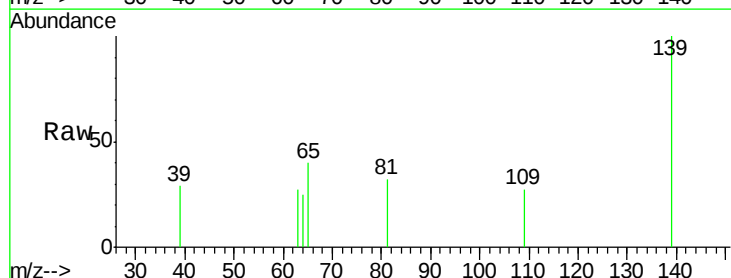
Tgt Ion: 139 Resp: 1614

Ion Ratio Lower Upper

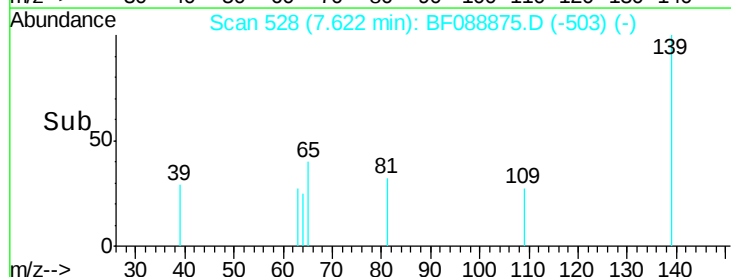
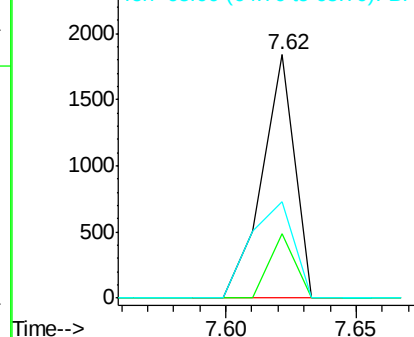
139 100

109 26.7 23.0 34.4

65 39.6 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

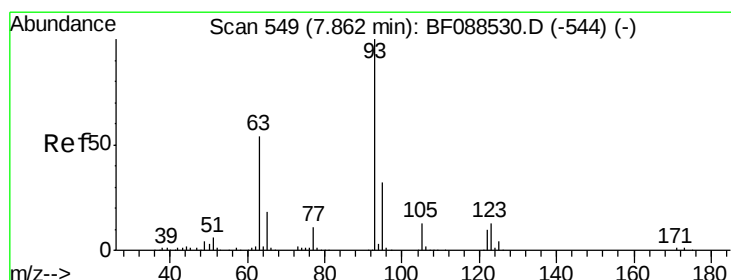
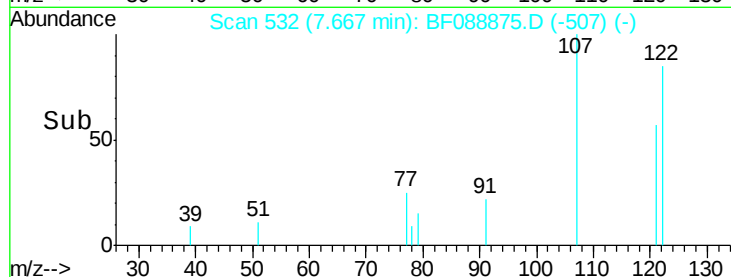
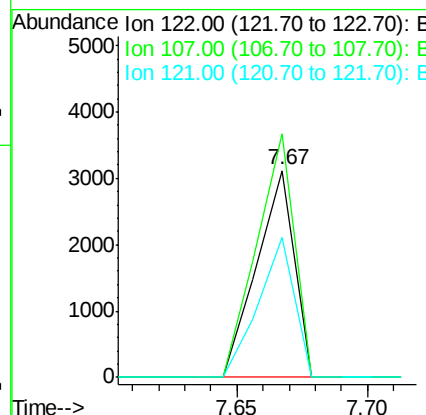
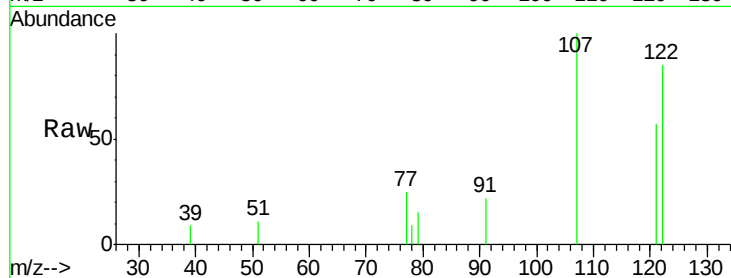




#27
 2,4-Dimethylphenol
 Concen: 0.74 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

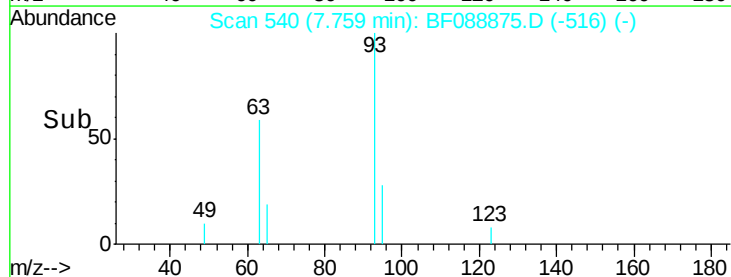
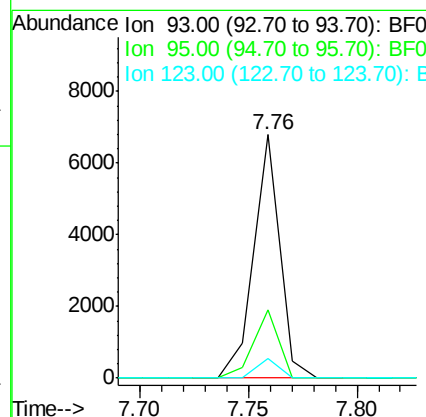
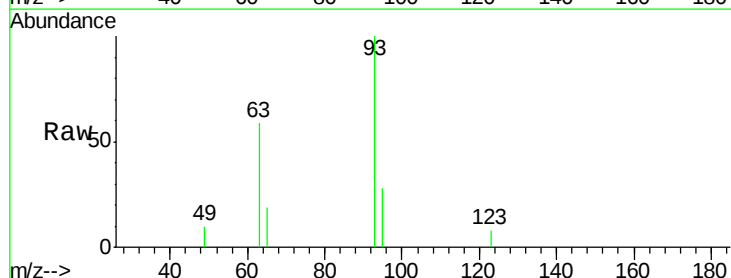
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

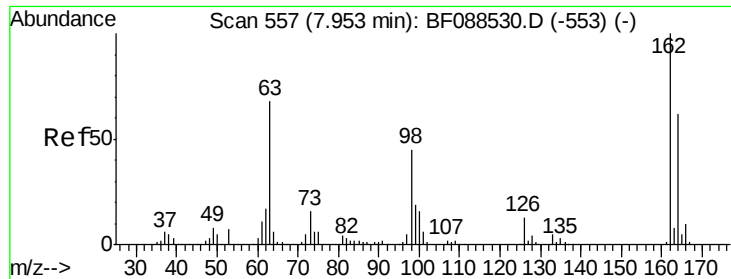
Tot Ion: 122 Resp: 3155
 Ion Ratio Lower Upper
 122 100
 107 117.6 82.4 123.6
 121 67.4 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.95 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion: 93 Resp: 5664
 Ion Ratio Lower Upper
 93 100
 95 28.2 26.5 39.7
 123 8.1 11.6 17.4#

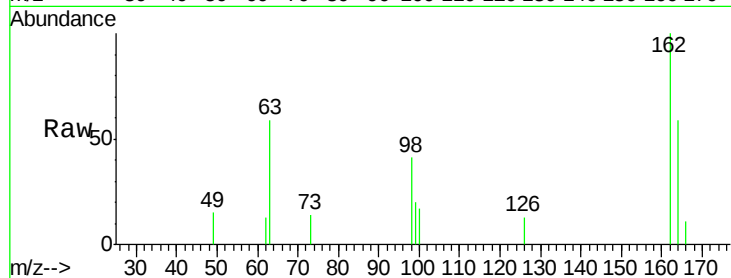




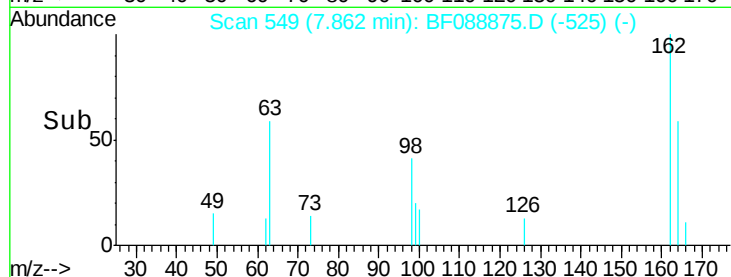
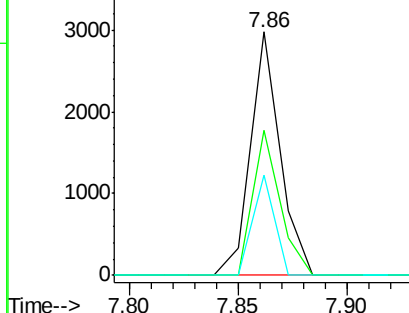
#29
 2,4-Dichlorophenol
 Concen: 0.82 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion:162 Resp: 2813
 Ion Ratio Lower Upper
 162 100
 164 59.4 43.8 83.8
 98 41.2 21.3 61.3

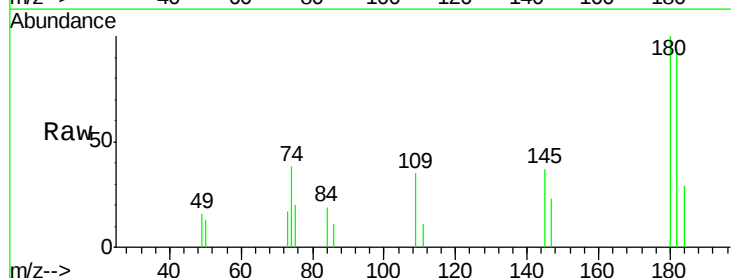


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

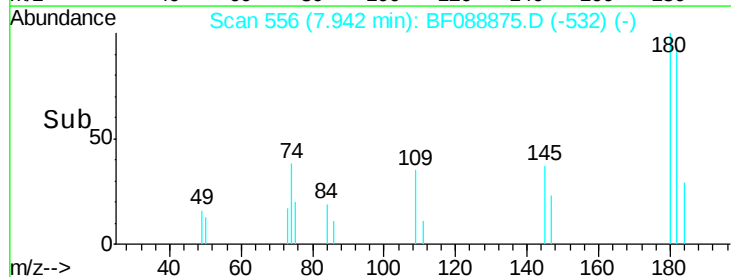
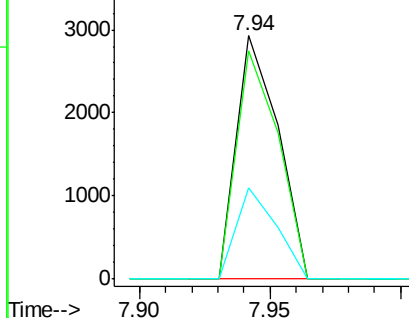


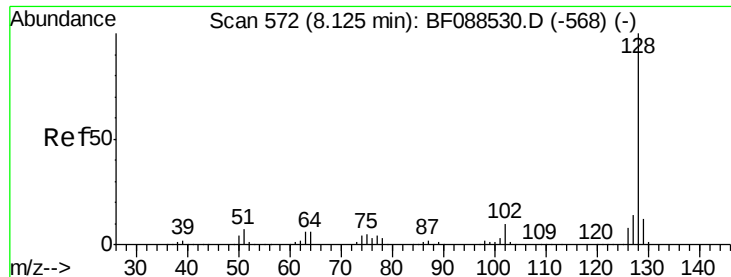
#30
 1,2,4-Trichlorobenzene
 Concen: 0.87 ng
 RT: 7.94 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion:180 Resp: 3280
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.0 114.0
 145 37.3 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

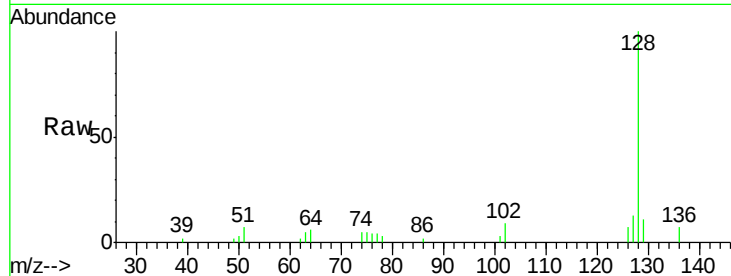




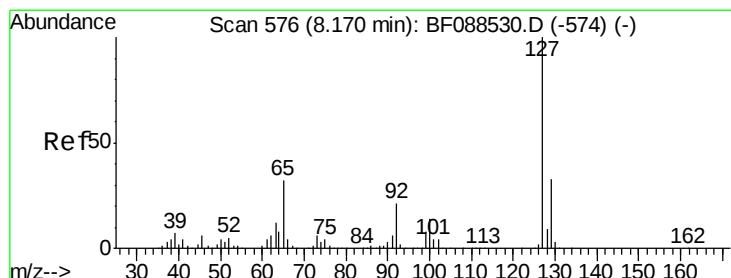
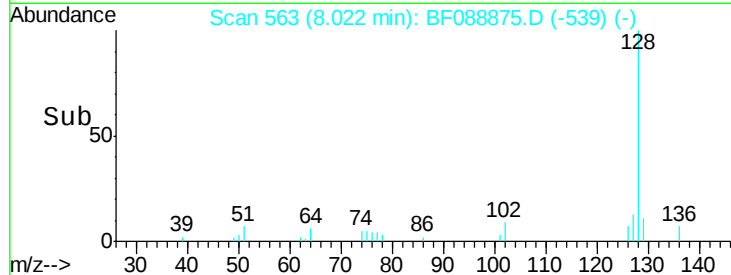
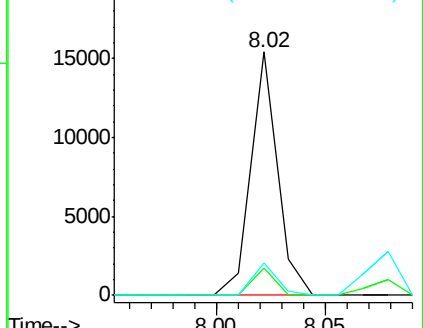
#31
Naphthalene
Concen: 1.03 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion:128 Resp: 13115
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.3 10.9 16.3

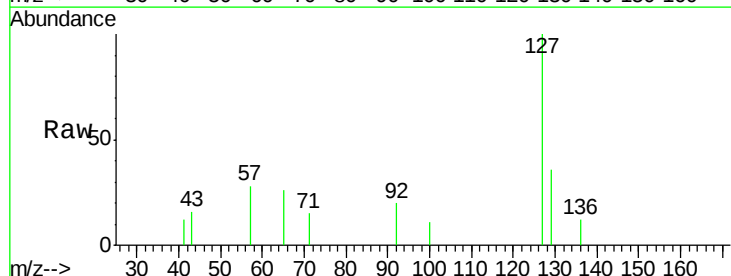


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

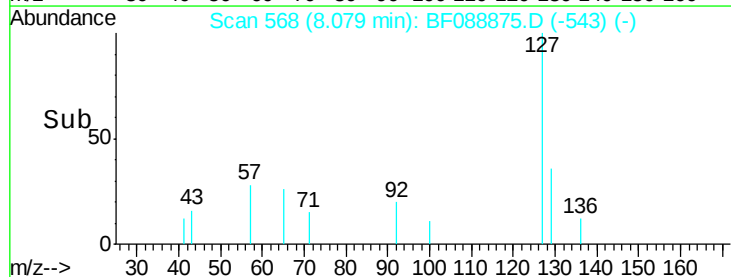
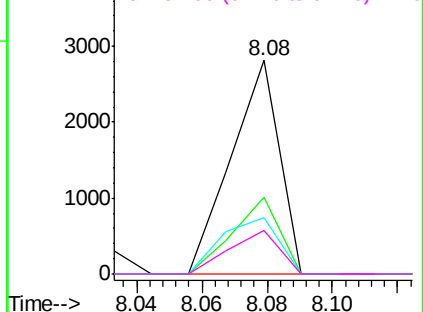


#33
4-Chloroaniline
Concen: 0.50 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:127 Resp: 2848
Ion Ratio Lower Upper
127 100
129 36.1 26.3 39.5
65 26.2 24.7 37.1
92 20.4 15.4 23.0



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

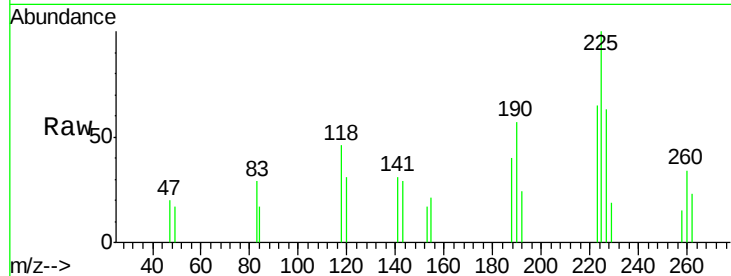




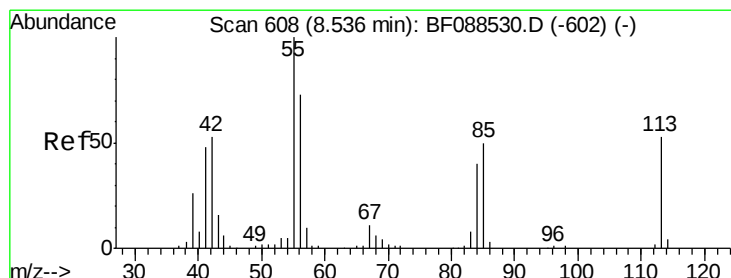
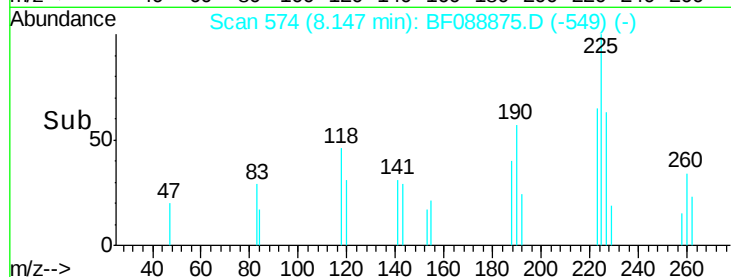
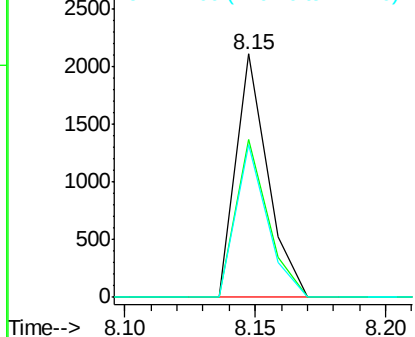
#34
Hexachlorobutadiene
Concen: 0.89 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion:225 Resp: 1809
Ion Ratio Lower Upper
225 100
223 65.1 50.9 76.3
227 62.5 51.9 77.9

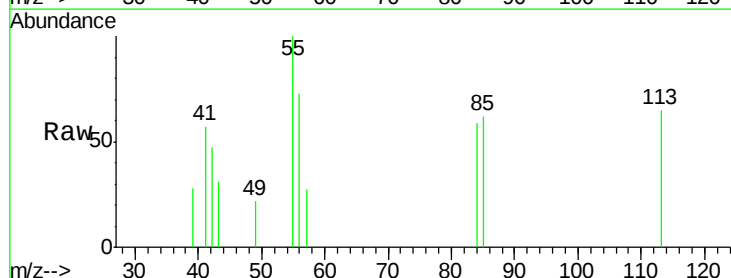


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

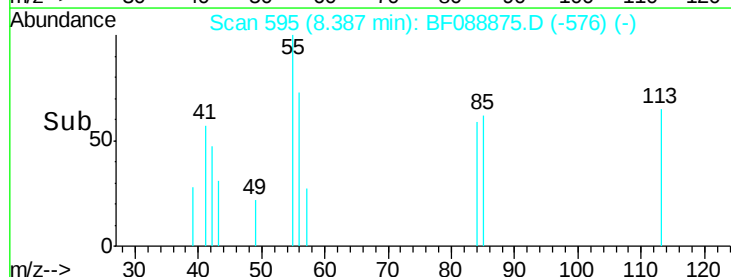
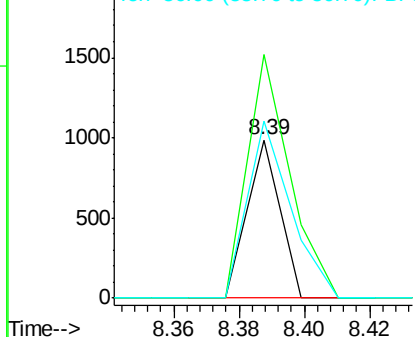


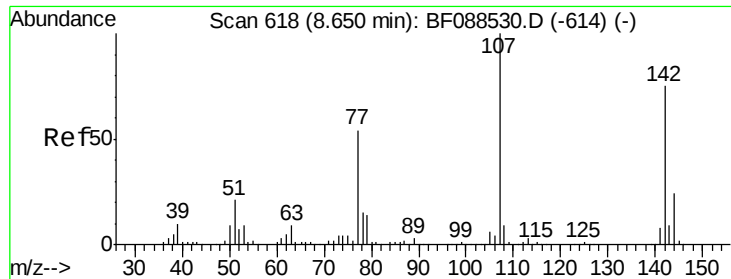
#35
Caprolactam
Concen: 0.58 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.08 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:113 Resp: 676
Ion Ratio Lower Upper
113 100
55 154.1 158.6 198.6#
56 112.3 110.6 150.6



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

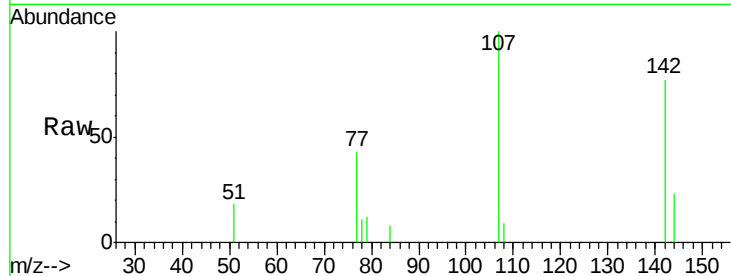




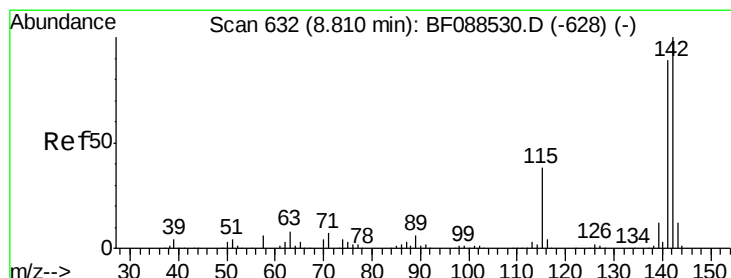
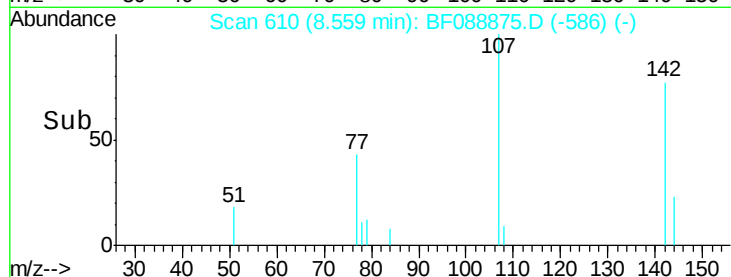
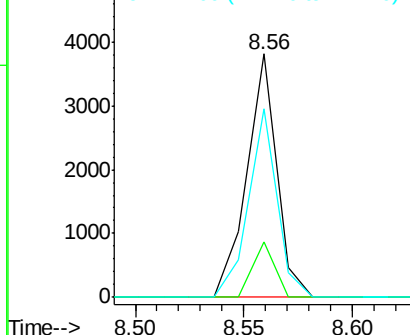
#36
 4-Chloro-3-methylphenol
 Concen: 0.89 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion:107 Resp: 3638
 Ion Ratio Lower Upper
 107 100
 144 22.8 20.8 31.2
 142 77.2 63.4 95.2

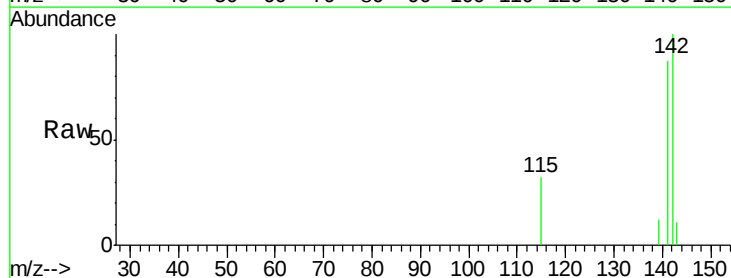


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

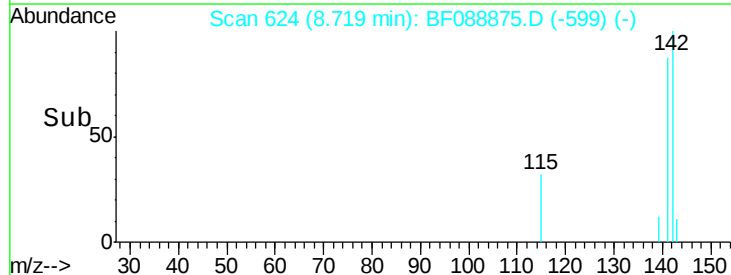
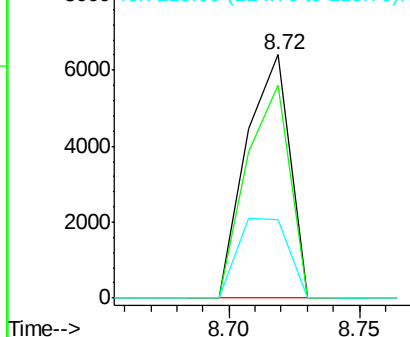


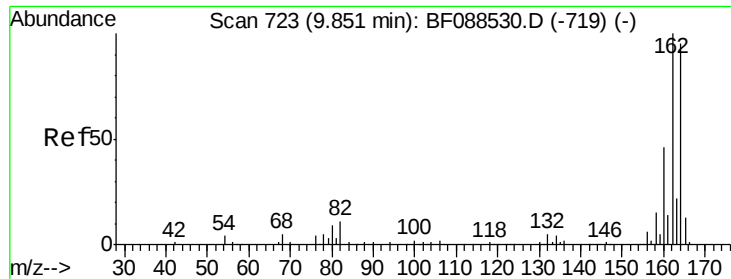
#37
 2-Methylnaphthalene
 Concen: 0.91 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion:142 Resp: 7458
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.0 106.6
 115 32.4 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: 9.75 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

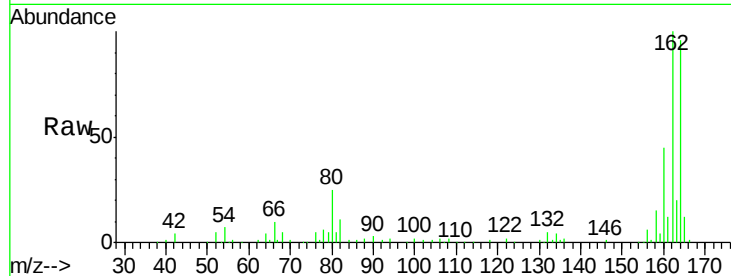
Tot Ion:164 Resp: 129548

Ion Ratio Lower Upper

164 100

162 103.9 85.4 128.2

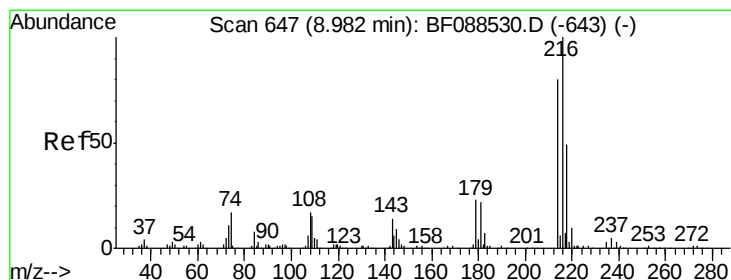
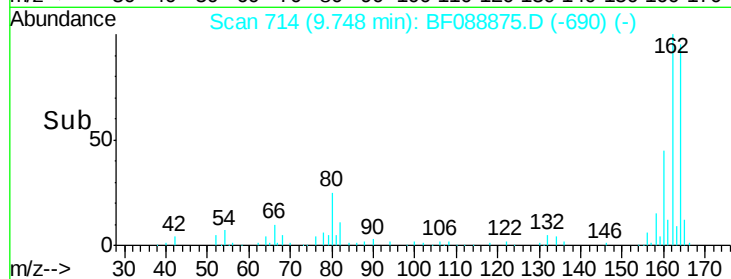
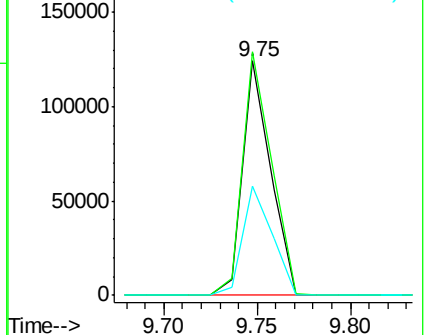
160 46.7 39.5 59.3



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: 0.83 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Tgt Ion:216 Resp: 3576

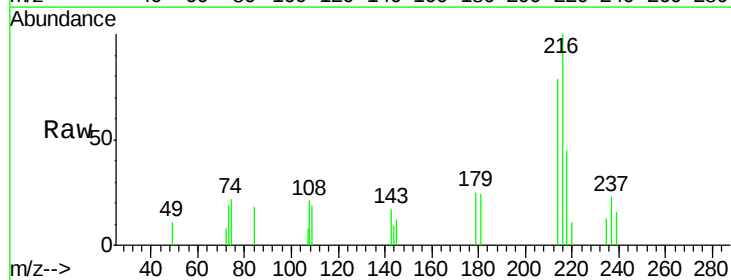
Ion Ratio Lower Upper

216 100

214 71.3 2.9 4.3#

179 19.2 0.0 0.0#

108 15.8 0.5 0.7#

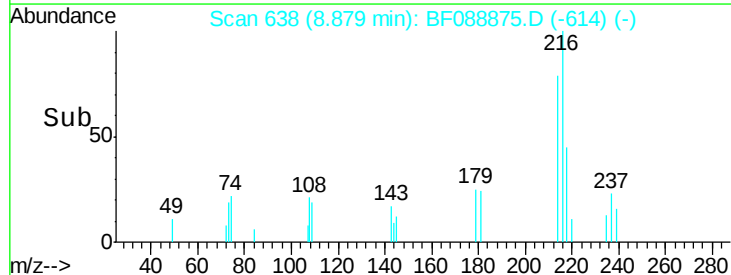
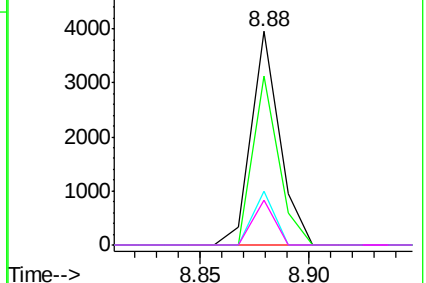


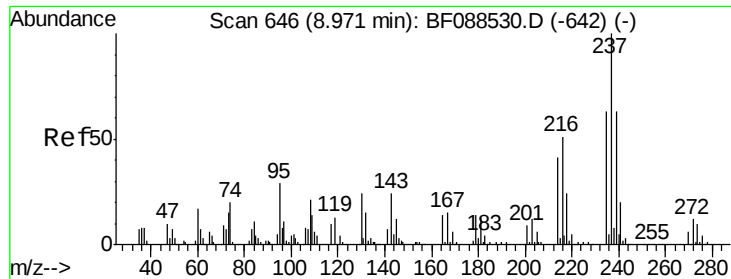
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

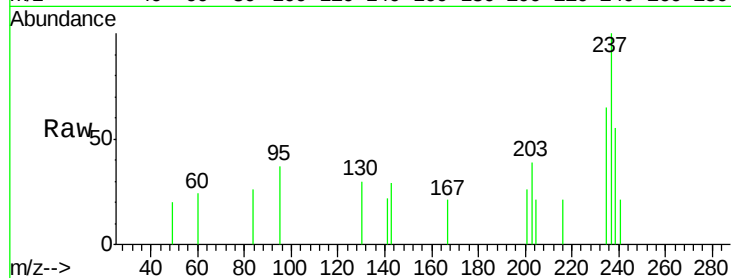




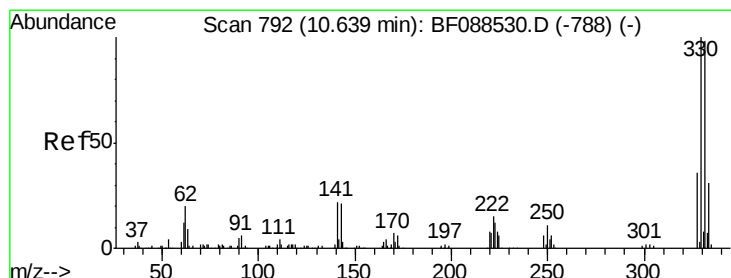
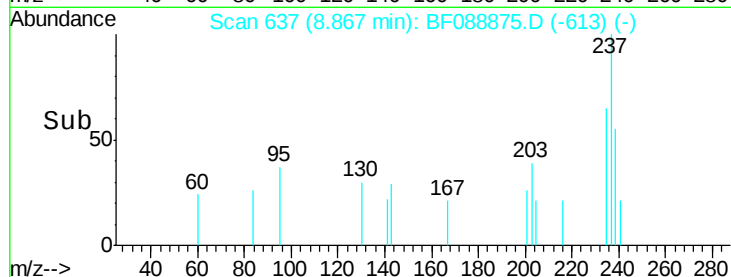
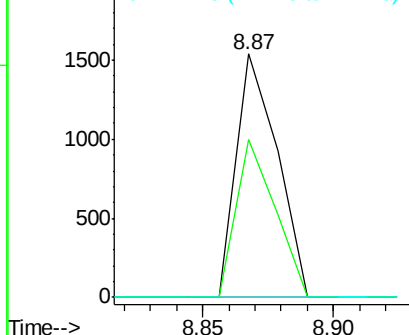
#40
Hexachlorocyclopentadiene
Concen: 0.80 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion:237 Resp: 1690
Ion Ratio Lower Upper
237 100
235 64.7 43.4 83.4
272 0.0 0.0 32.3

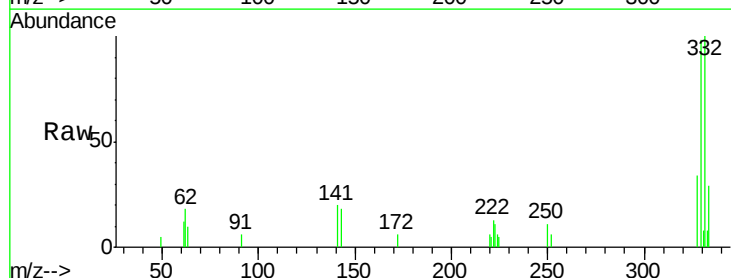


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

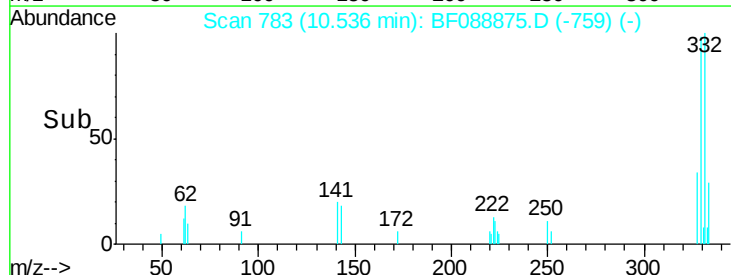
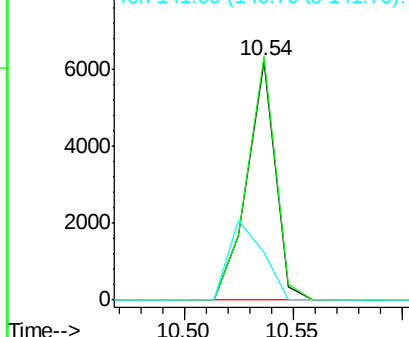


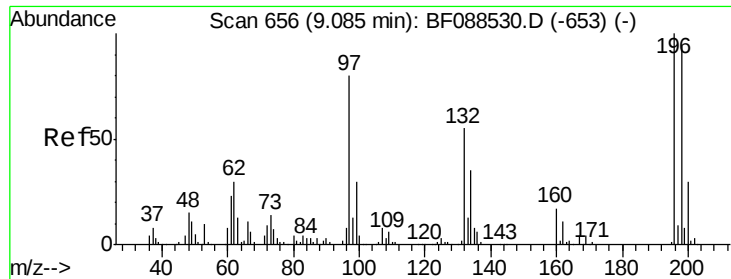
#41
2,4,6-Tribromophenol
Concen: 4.69 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:330 Resp: 5646
Ion Ratio Lower Upper
330 100
332 101.8 0.0 0.0#
141 40.0 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

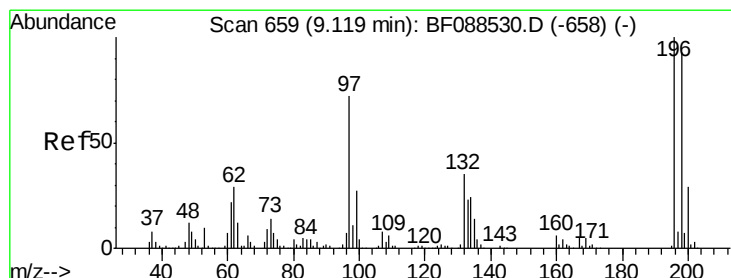
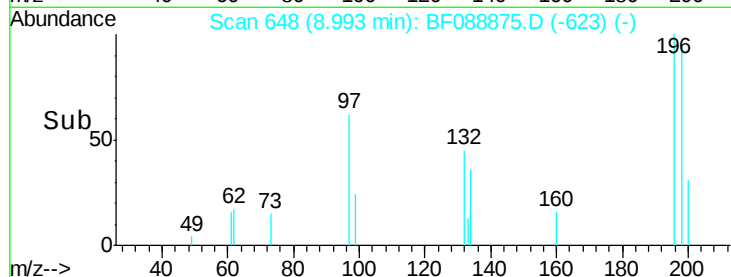
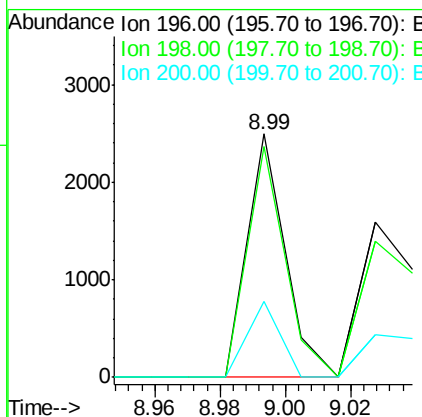
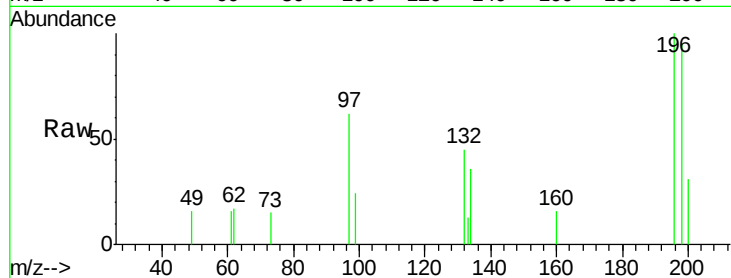




#42
 2,4,6-Trichlorophenol
 Concen: 0.70 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

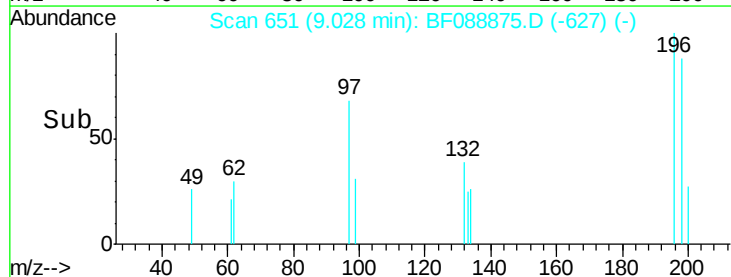
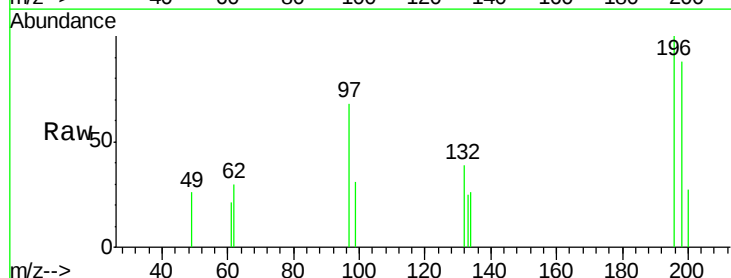
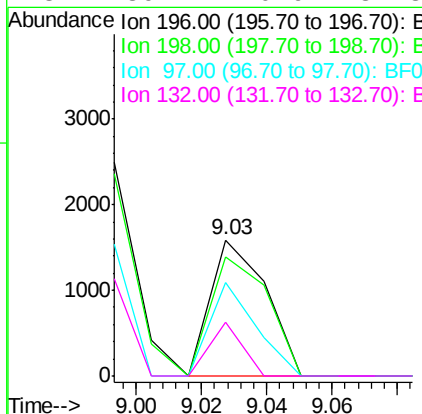
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

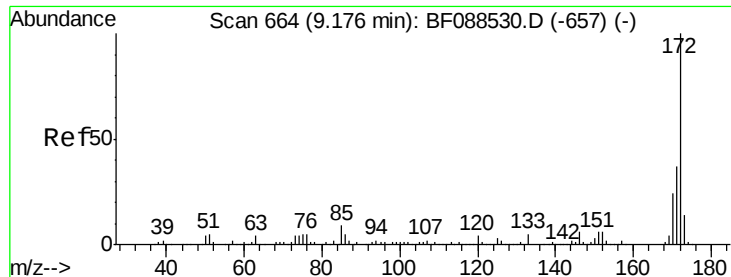
Tot Ion:196 Resp: 1996
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.0 117.0
 200 31.3 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 0.76 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion:196 Resp: 1847
 Ion Ratio Lower Upper
 196 100
 198 87.7 77.5 116.3
 97 68.2 32.0 48.0#
 132 39.2 20.9 31.3#

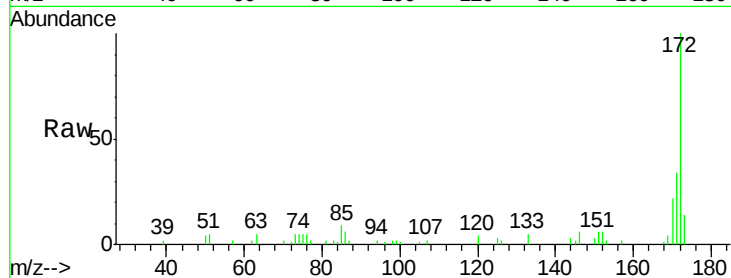




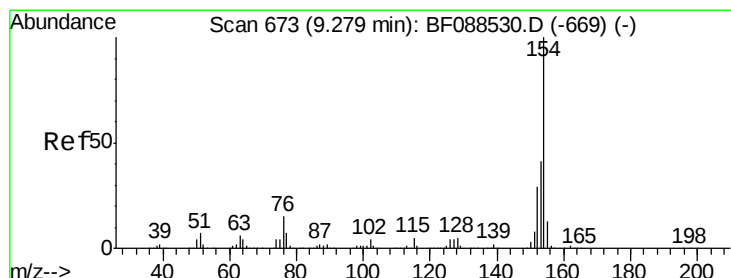
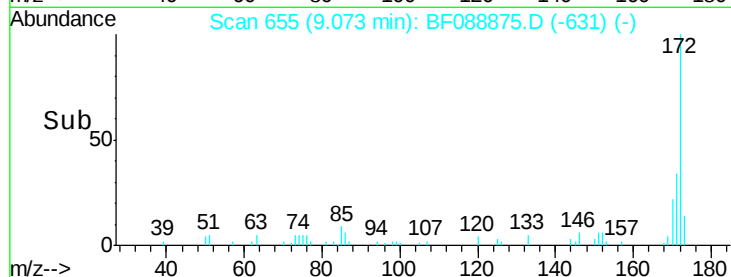
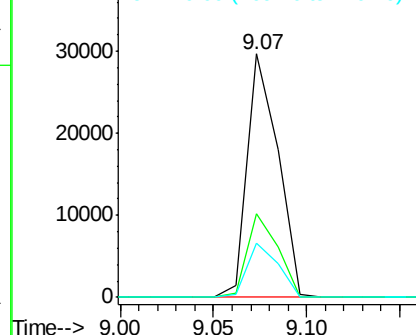
#44
 2-Fluorobiphenyl
 Concen: 4.15 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion:172 Resp: 34008
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.6 43.0
 170 22.3 19.2 28.8

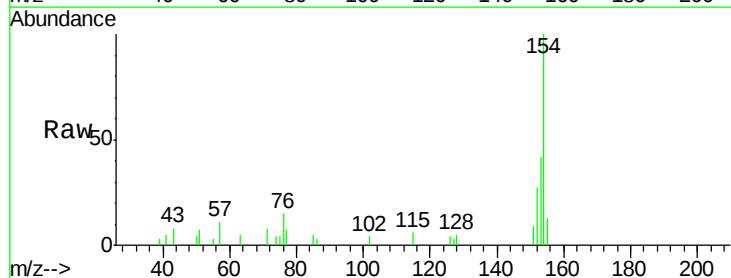


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

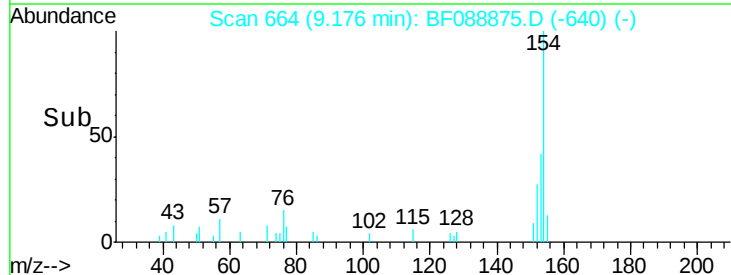
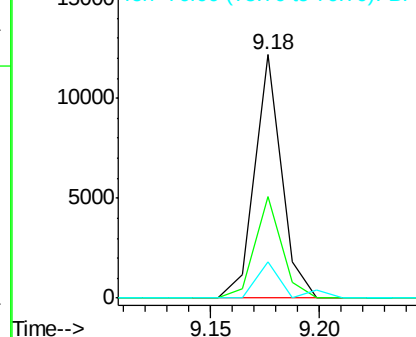


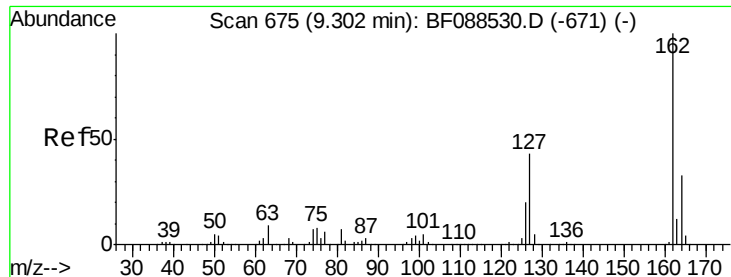
#45
 1,1'-Biphenyl
 Concen: 0.97 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion:154 Resp: 10426
 Ion Ratio Lower Upper
 154 100
 153 41.8 20.6 60.6
 76 14.9 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

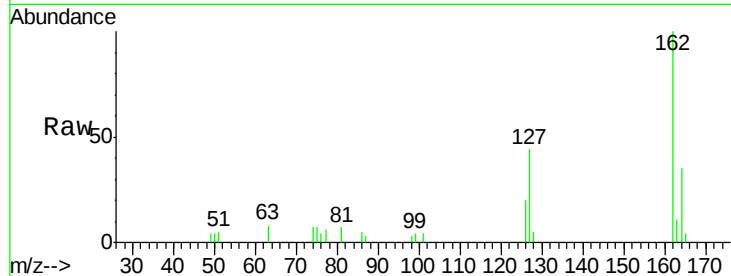




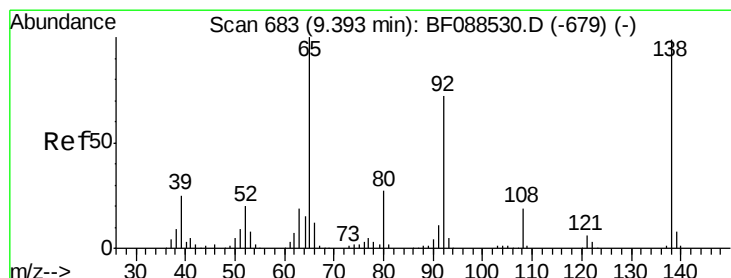
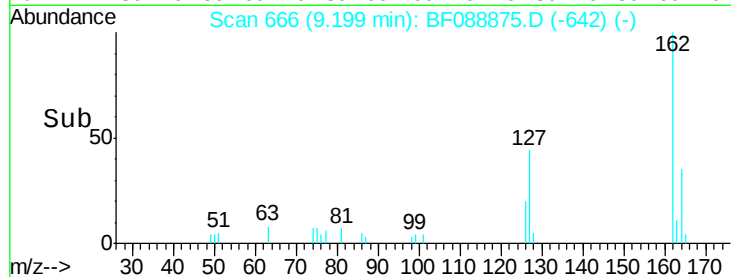
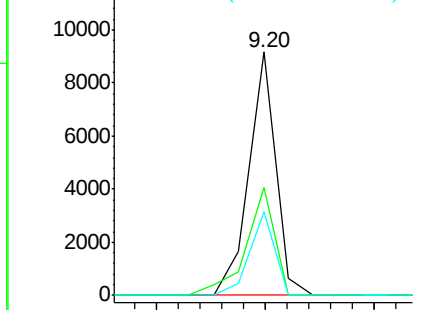
#46
2-Chloronaphthalene
Concen: 0.93 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion:162 Resp: 7864
Ion Ratio Lower Upper
162 100
127 44.3 35.2 52.8
164 34.6 26.6 39.8

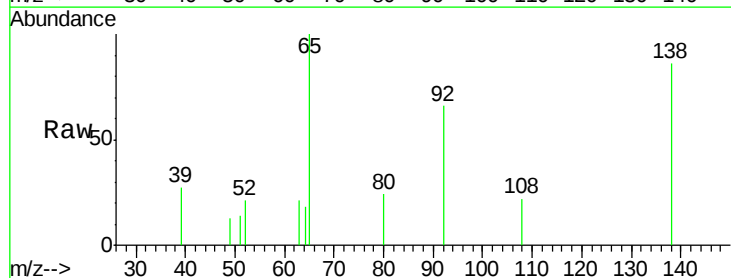


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

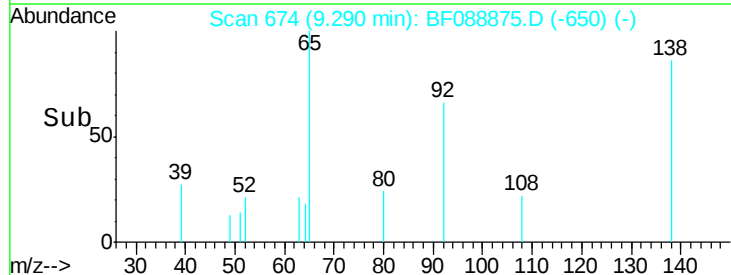
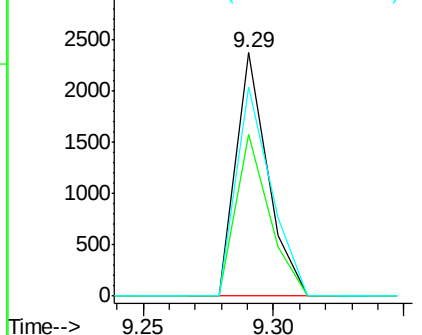


#47
2-Nitroaniline
Concen: 0.68 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion: 65 Resp: 2037
Ion Ratio Lower Upper
65 100
92 66.3 54.6 82.0
138 86.1 77.0 115.4



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





#48

Acenaphthylene

Concen: 0.99 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

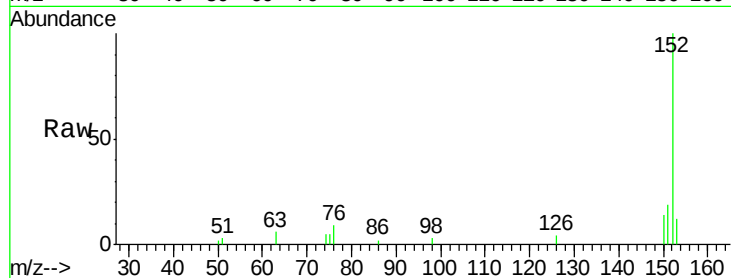
Tot Ion:152 Resp: 13279

Ion Ratio Lower Upper

152 100

151 19.0 16.2 24.4

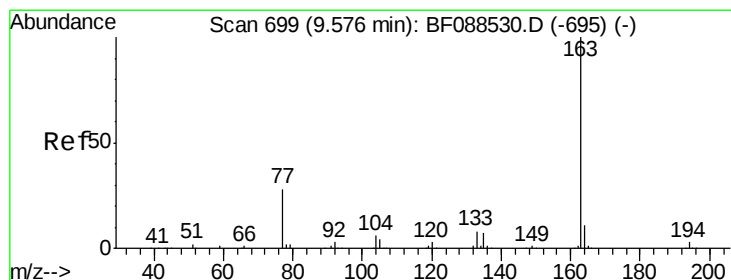
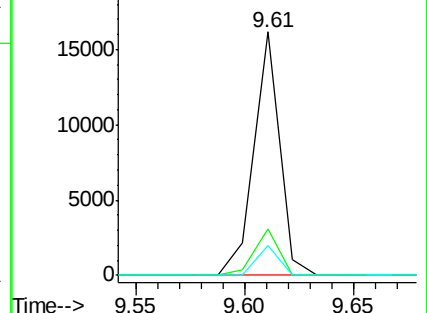
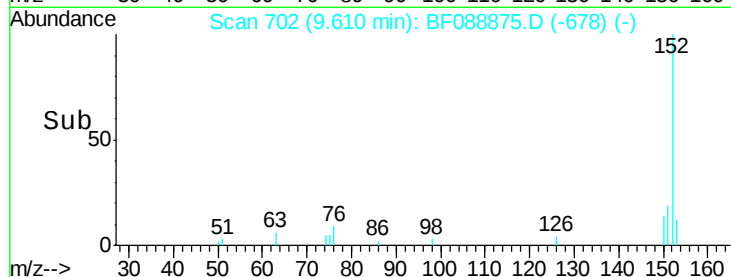
153 12.1 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 1.23 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

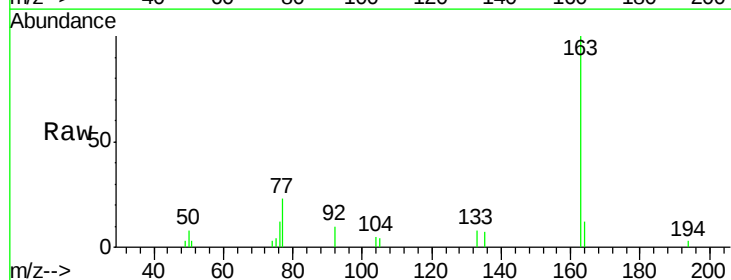
Tgt Ion:163 Resp: 11309

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

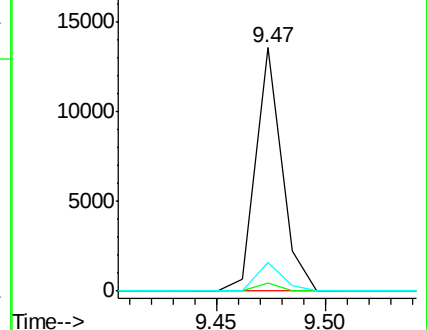
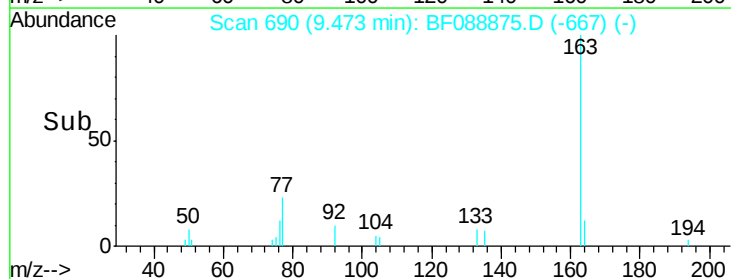
164 11.6 8.3 12.5

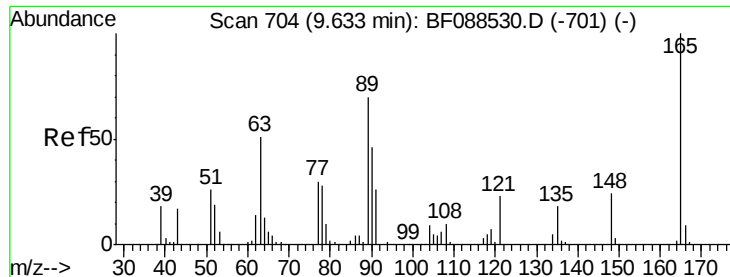


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

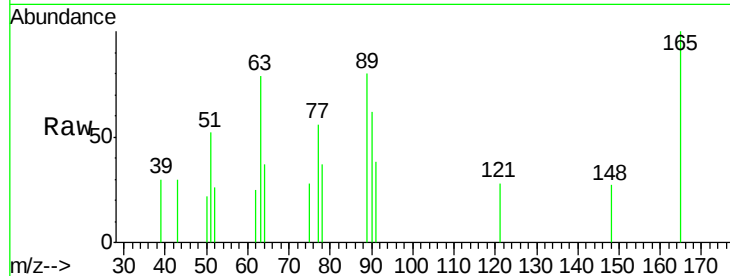




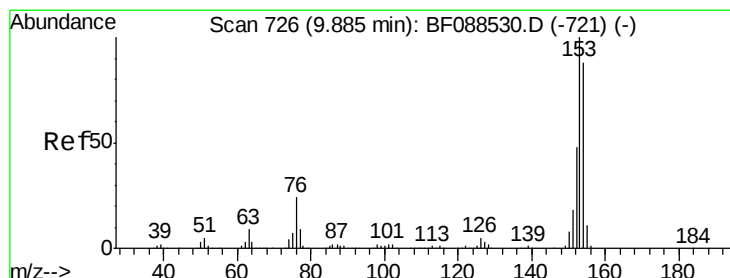
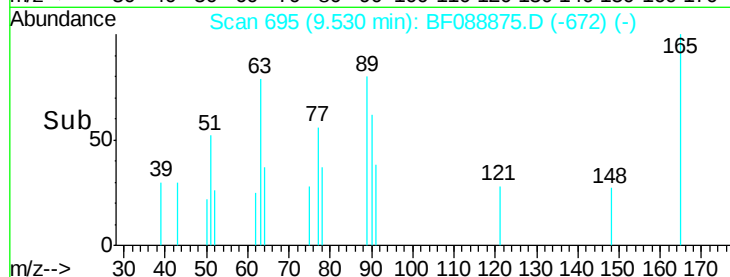
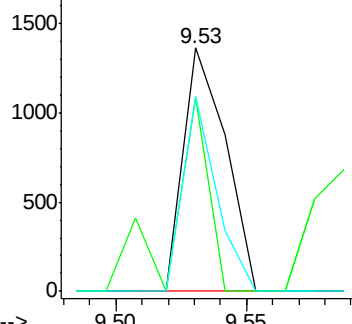
#50
2,6-Dinitrotoluene
Concen: 0.75 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion:165 Resp: 1537
Ion Ratio Lower Upper
165 100
63 79.3 28.1 42.1#
89 79.9 32.2 48.2#

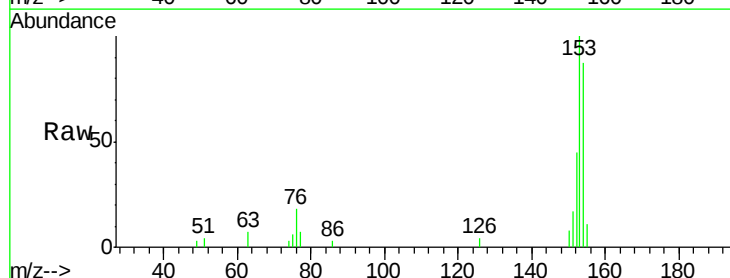


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

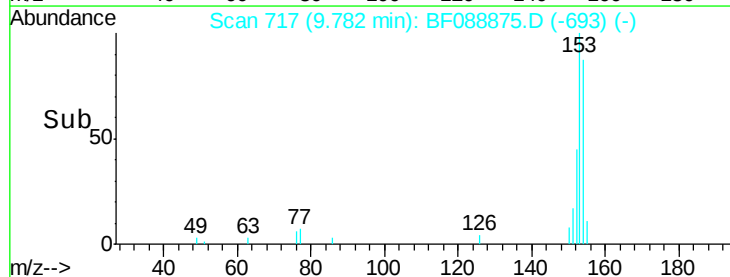
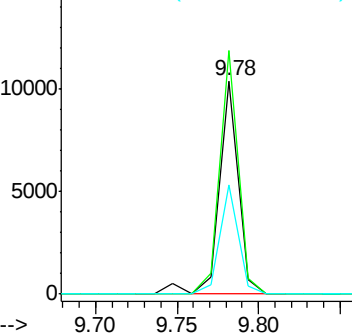


#51
Acenaphthene
Concen: 1.04 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:154 Resp: 8566
Ion Ratio Lower Upper
154 100
153 114.3 89.5 134.3
152 51.3 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

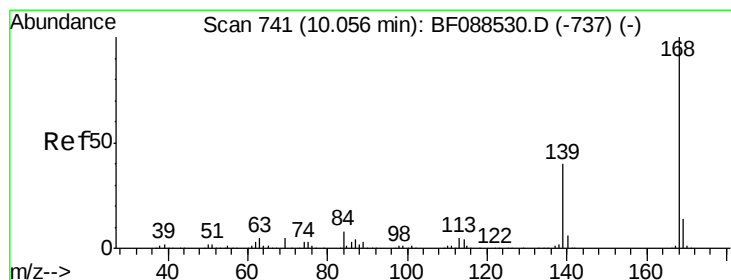
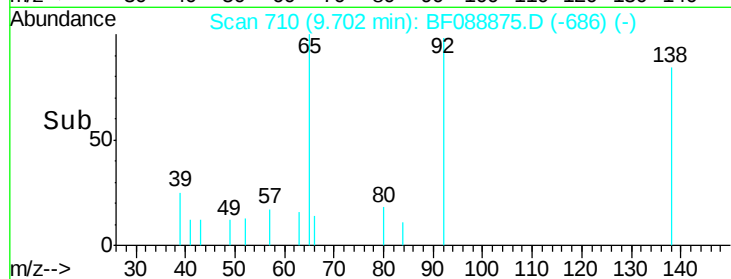
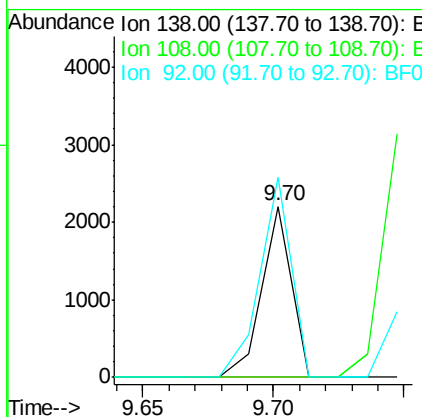
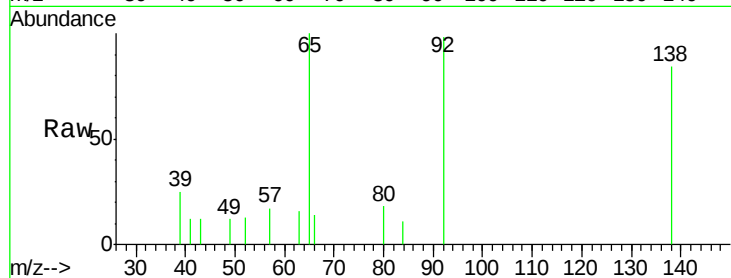




#52
3-Nitroaniline
Concen: 0.66 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

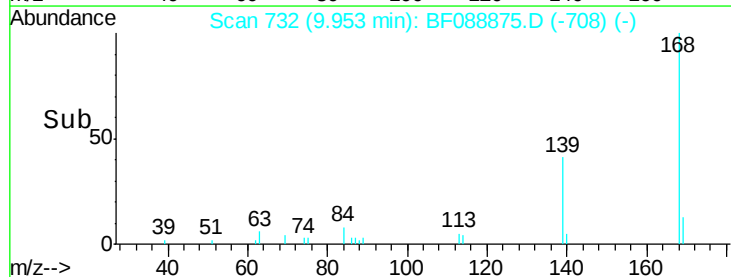
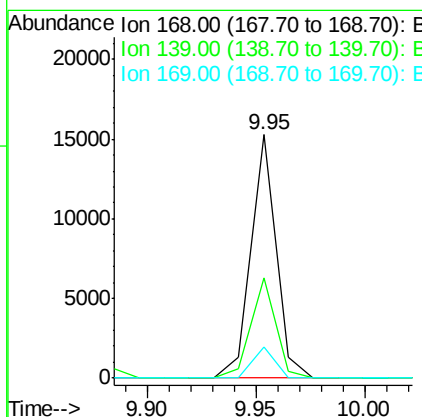
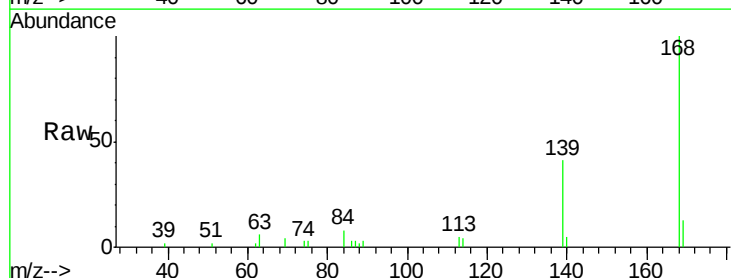
Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

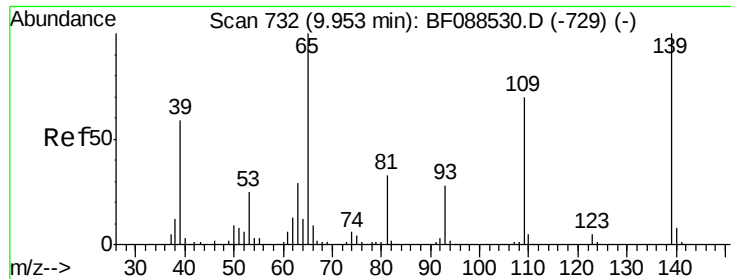
Tot Ion:138 Resp: 1727
Ion Ratio Lower Upper
138 100
108 0.0 8.5 12.7#
92 117.2 95.7 143.5



#54
Dibenzofuran
Concen: 1.14 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:168 Resp: 12306
Ion Ratio Lower Upper
168 100
139 41.1 26.4 39.6#
169 12.9 10.4 15.6

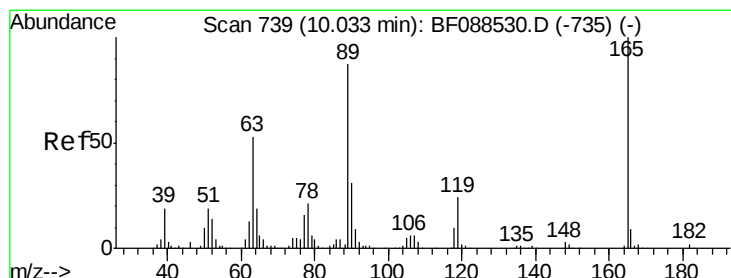
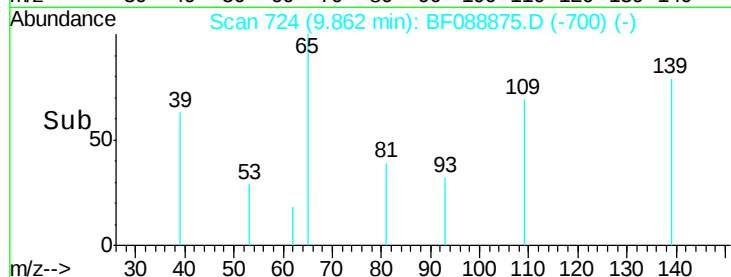
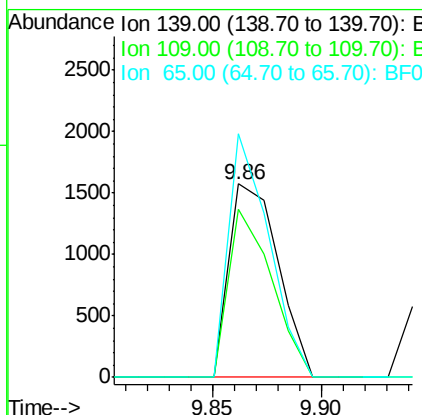
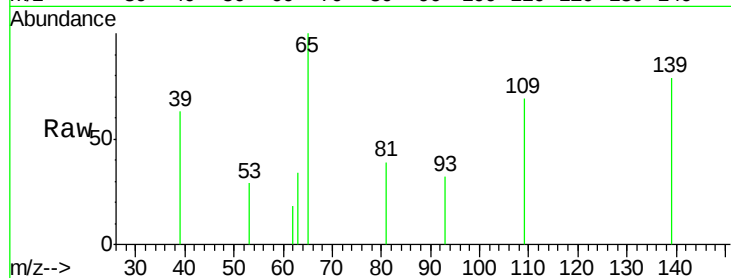




#55
4-Nitrophenol
Concen: 1.25 na
RT: 9.86 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

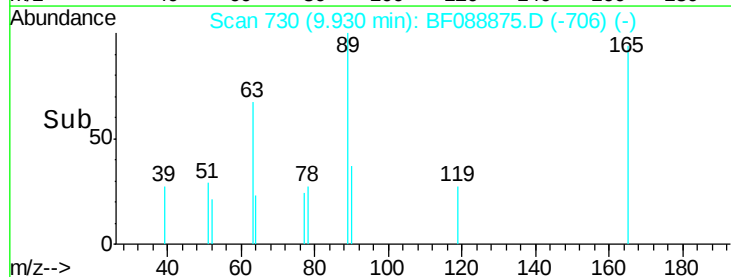
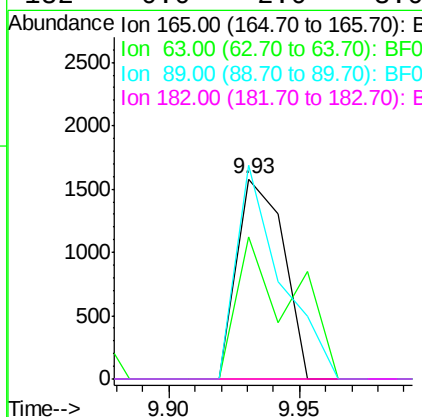
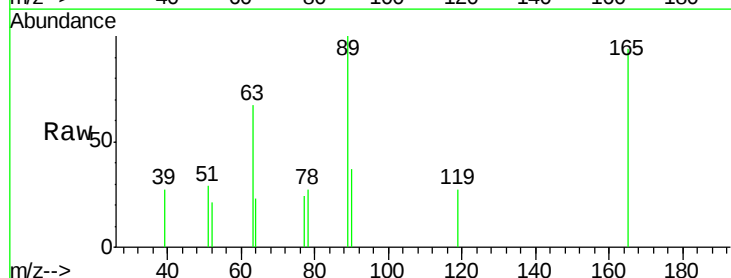
Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

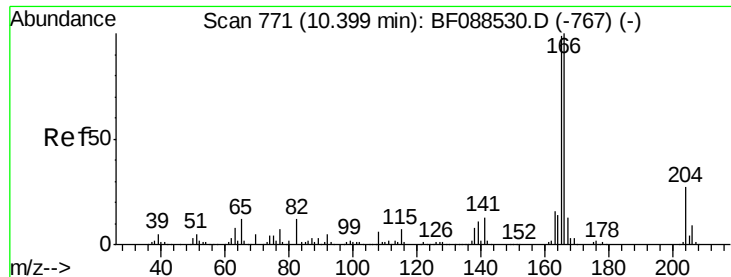
Tot Ion:139 Resp: 2468
Ion Ratio Lower Upper
139 100
109 87.0 48.9 88.9
65 126.0 84.9 124.9#



#56
2,4-Dinitrotoluene
Concen: 0.74 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:165 Resp: 1979
Ion Ratio Lower Upper
165 100
63 71.3 22.0 33.0#
89 106.8 41.1 61.7#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: 1.14 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

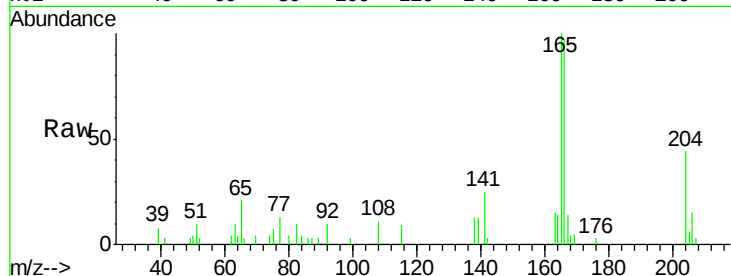
Tot Ion:166 Resp: 9454

Ion Ratio Lower Upper

166 100

165 103.2 77.8 116.8

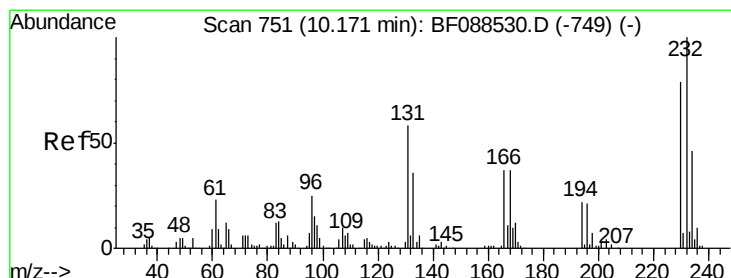
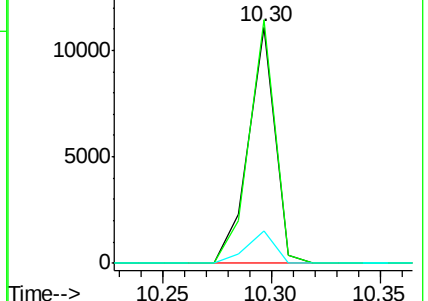
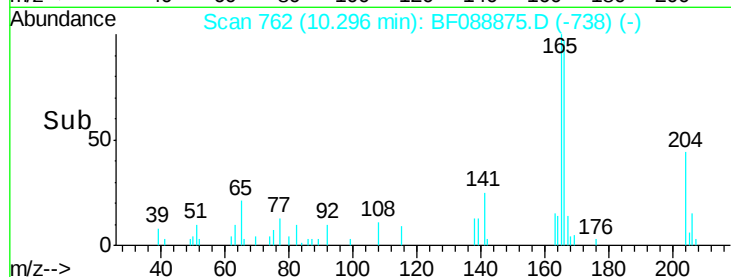
167 14.0 11.2 16.8



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: 0.58 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Tgt Ion:232 Resp: 1095

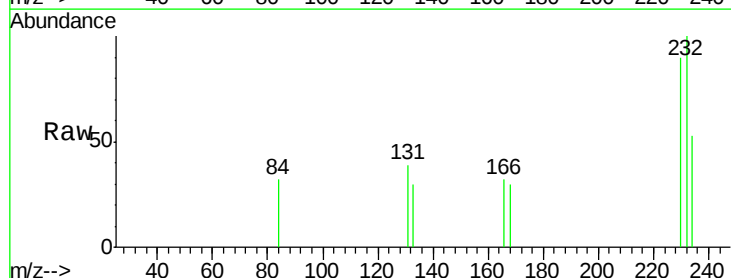
Ion Ratio Lower Upper

232 100

131 51.9 0.9 1.3#

130 0.0 1.5 2.3#

166 0.0 0.5 0.7#

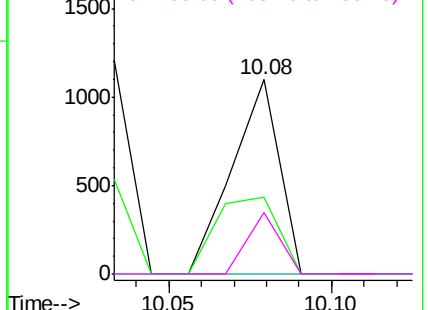
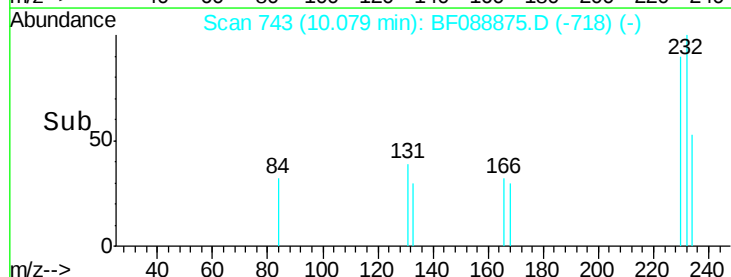


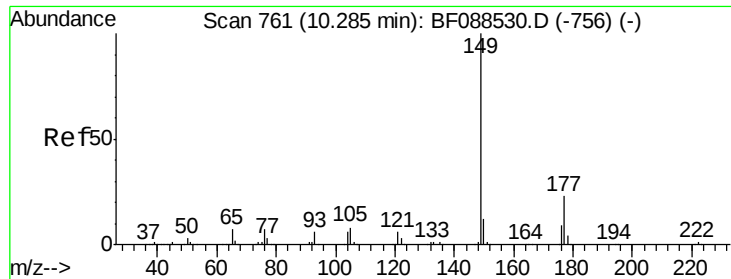
Abundance Ion 232.00 (231.70 to 232.70): E

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

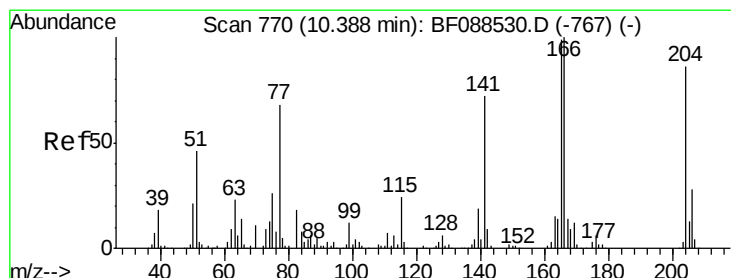
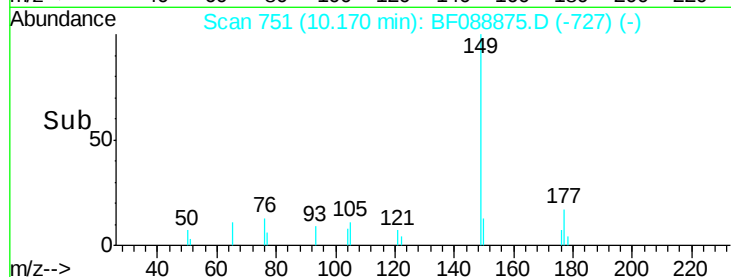
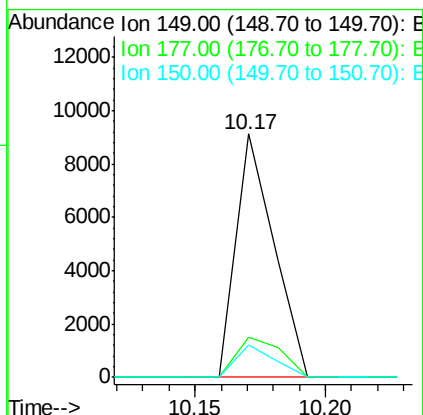
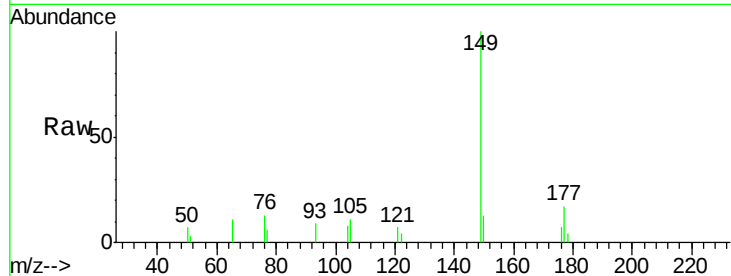




#59
Diethylphthalate
Concen: 1.00 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

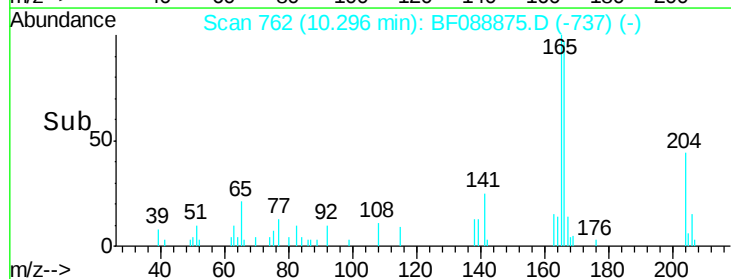
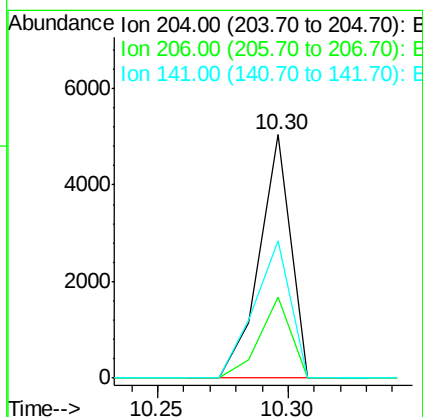
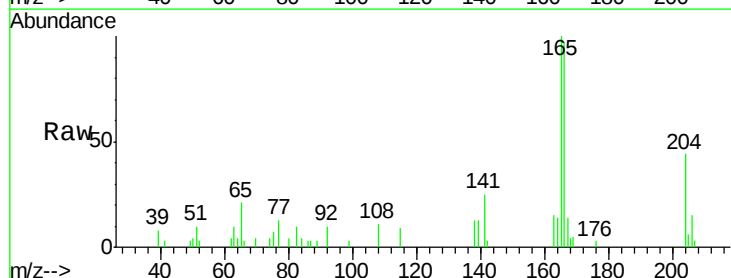
Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

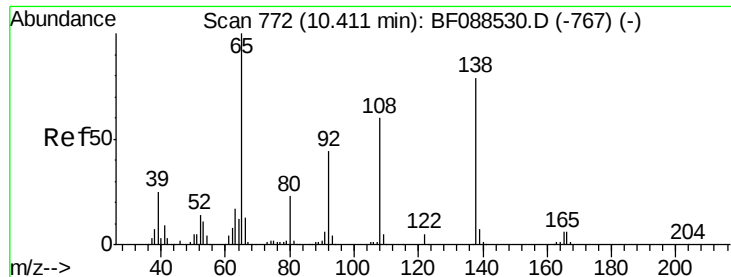
Tot Ion:149 Resp: 9270
Ion Ratio Lower Upper
149 100
177 16.6 16.9 25.3#
150 13.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 1.10 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:204 Resp: 4253
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 56.2 55.0 82.6

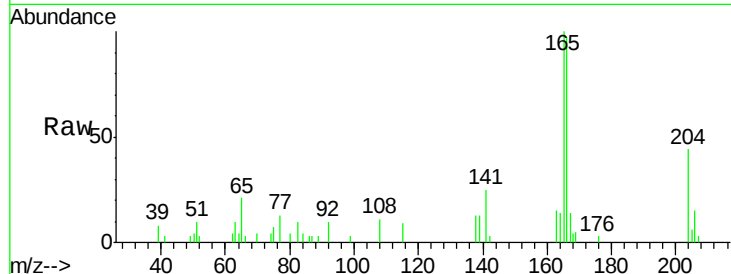




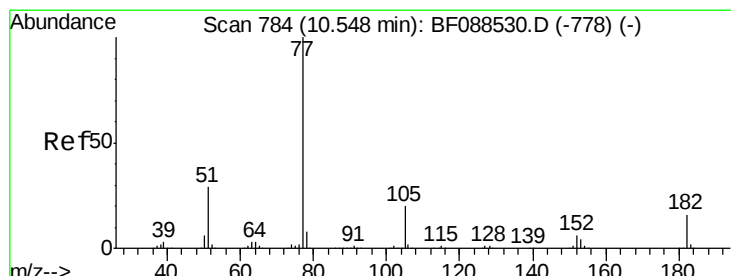
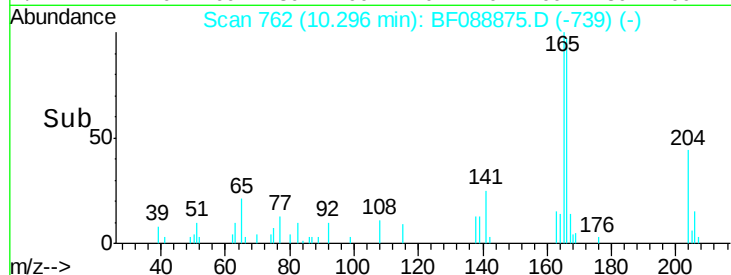
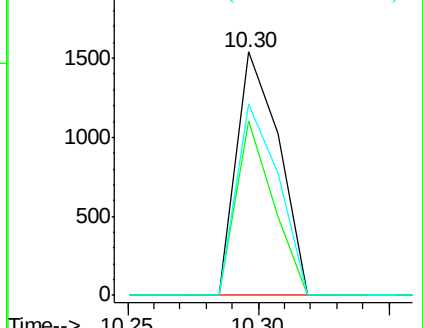
#61
4-Nitroaniline
Concen: 0.70 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.03 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion:138 Resp: 1758
Ion Ratio Lower Upper
138 100
92 71.6 27.3 67.3#
108 78.7 46.7 86.7

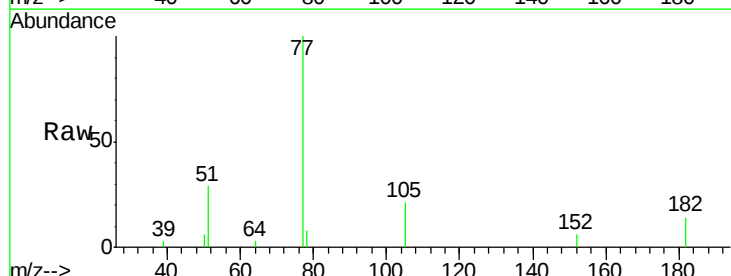


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

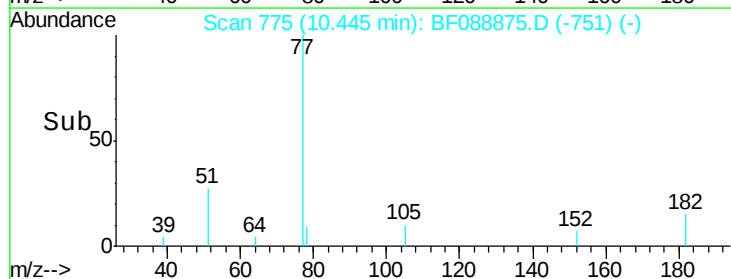
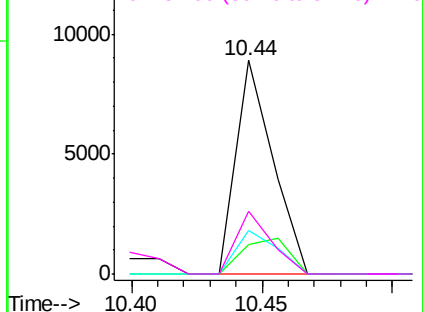


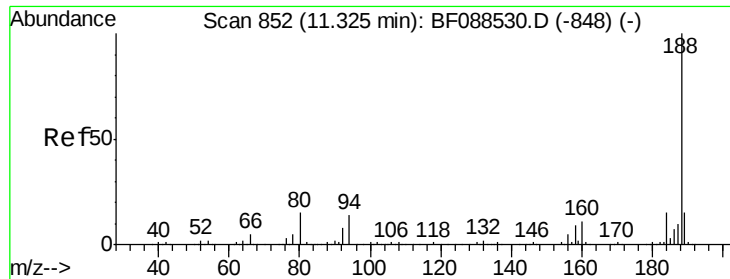
#62
Azobenzene
Concen: 0.84 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion: 77 Resp: 8836
Ion Ratio Lower Upper
77 100
182 14.0 4.4 44.4
105 20.6 3.8 43.8
51 29.1 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

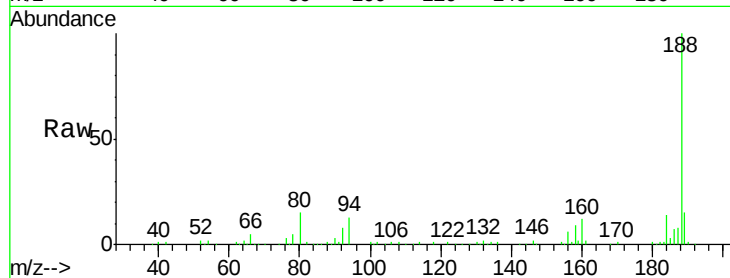




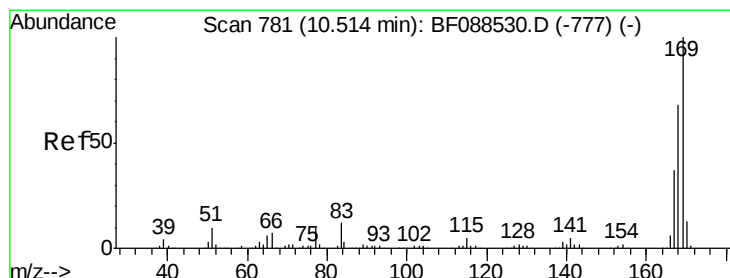
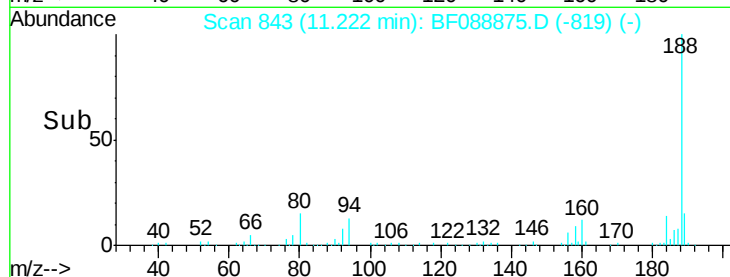
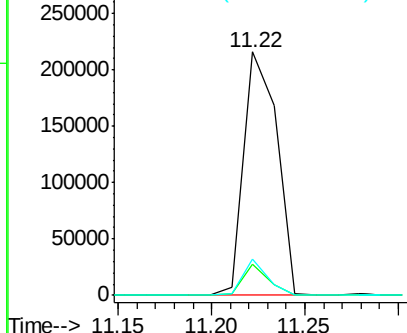
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion:188 Resp: 269778
Ion Ratio Lower Upper
188 100
94 13.0 9.0 13.6
80 15.1 10.0 15.0#

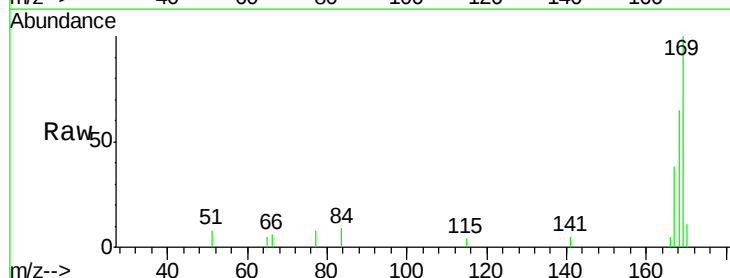


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

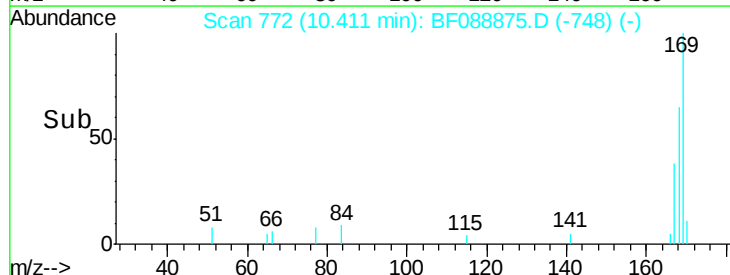
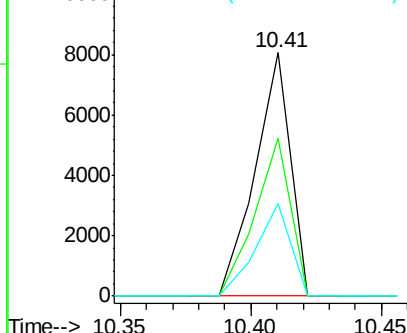


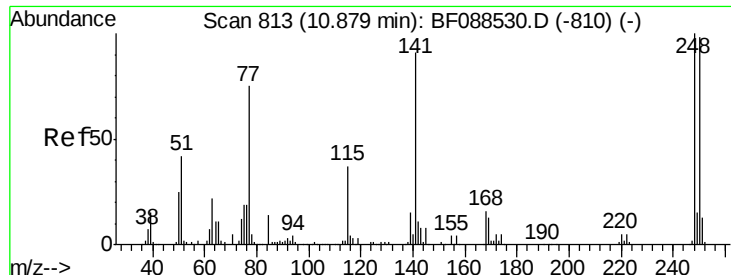
#65
n-Nitrosodiphenylamine
Concen: 0.84 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:169 Resp: 7633
Ion Ratio Lower Upper
169 100
168 64.7 53.4 80.0
167 37.8 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

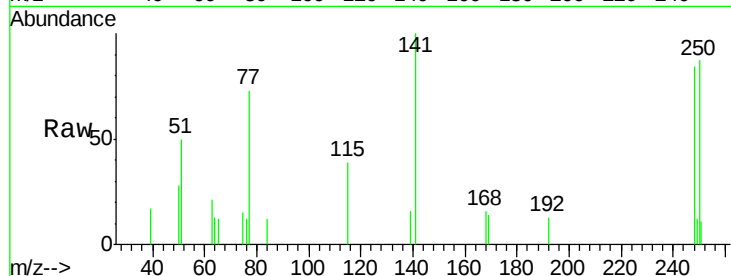




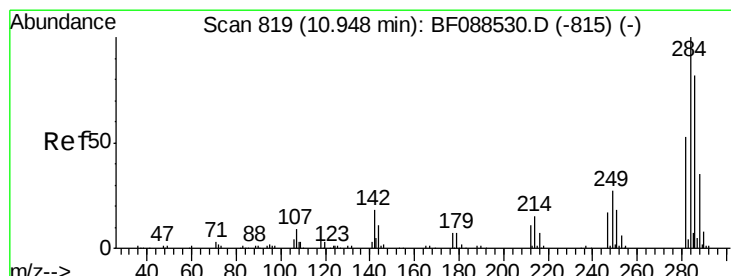
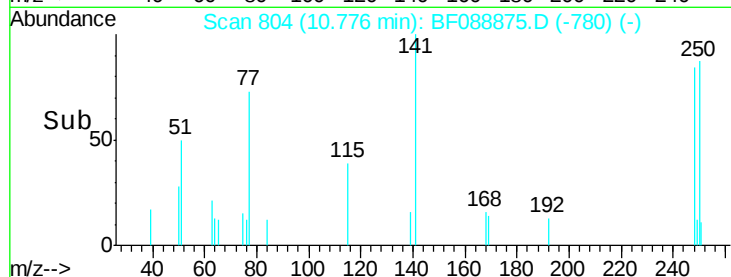
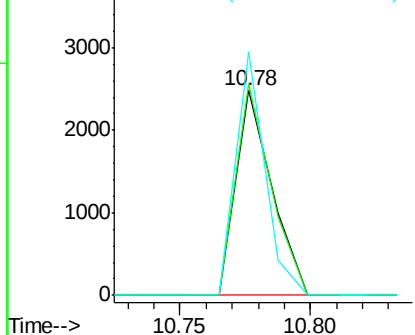
#66
4-Bromophenyl-phenylether
Concen: 0.88 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion:248 Resp: 2384
Ion Ratio Lower Upper
248 100
250 103.3 77.1 115.7
141 119.0 50.6 76.0#

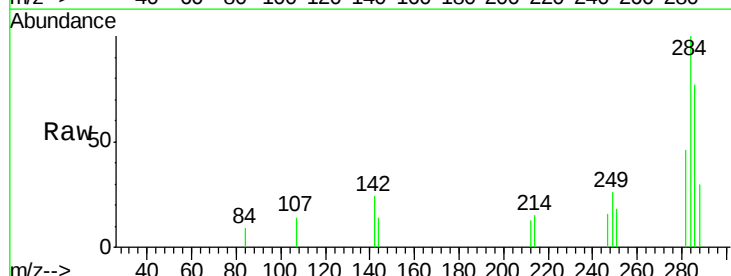


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

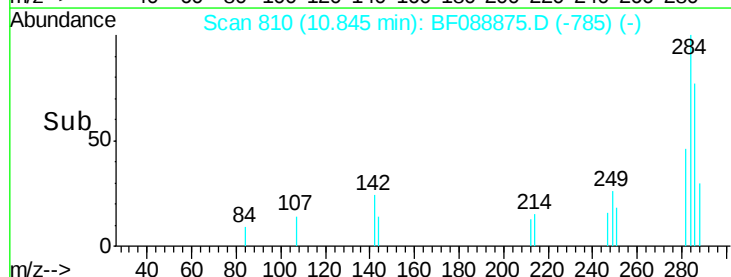
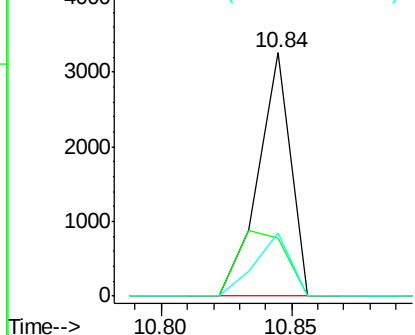


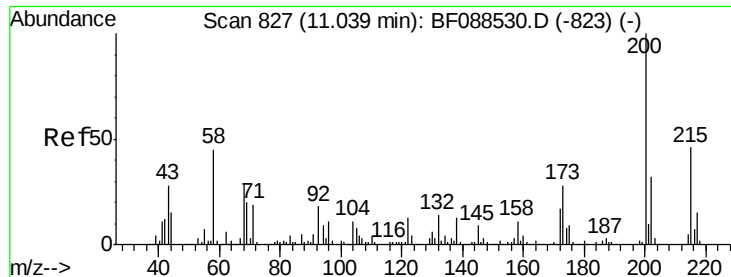
#67
Hexachlorobenzene
Concen: 0.94 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:284 Resp: 2840
Ion Ratio Lower Upper
284 100
142 24.0 35.8 53.8#
249 25.7 25.8 38.6#



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

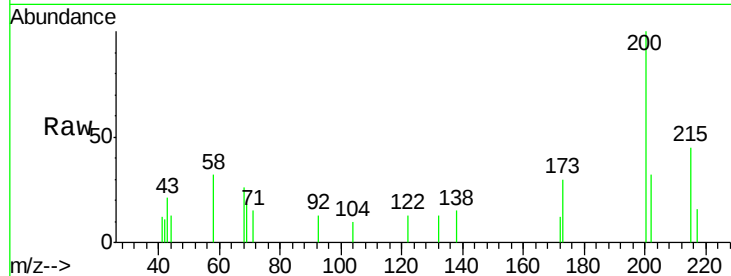




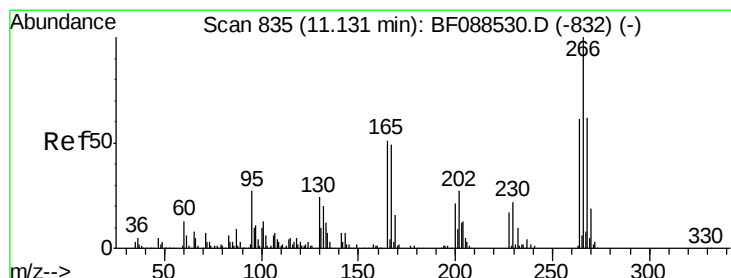
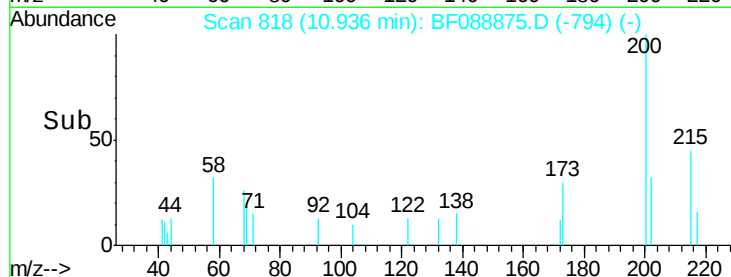
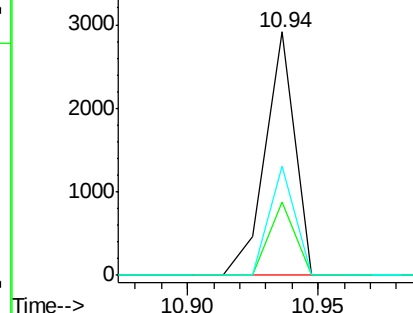
#68
Atrazine
Concen: 0.82 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.9	4.0	44.0
215	45.1	29.3	69.3

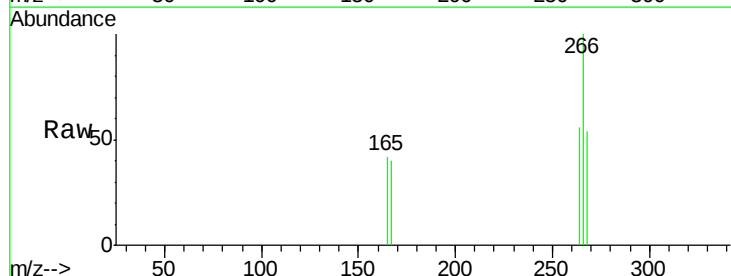


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

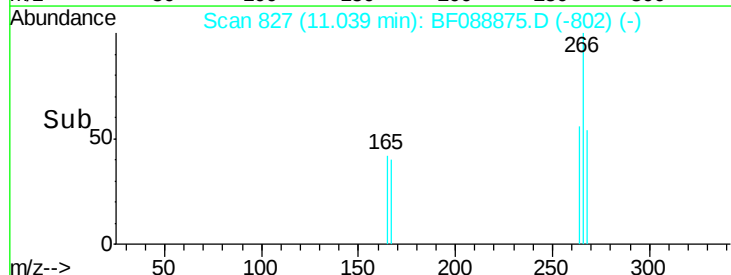
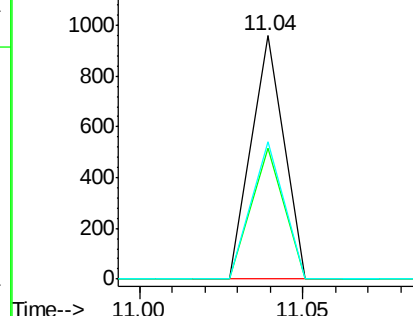


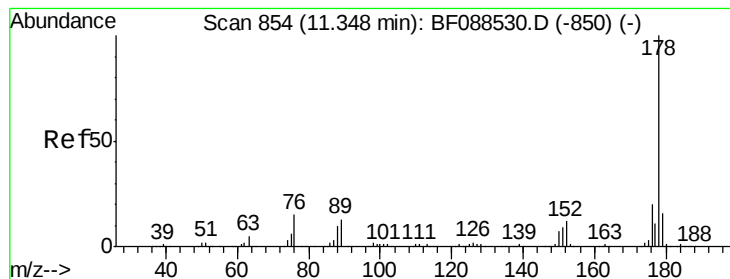
#69
Pentachlorophenol
Concen: 0.37 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	53.6	52.8	79.2
264	56.3	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: 0.94 ng

RT: 11.24 min Scan# 845

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

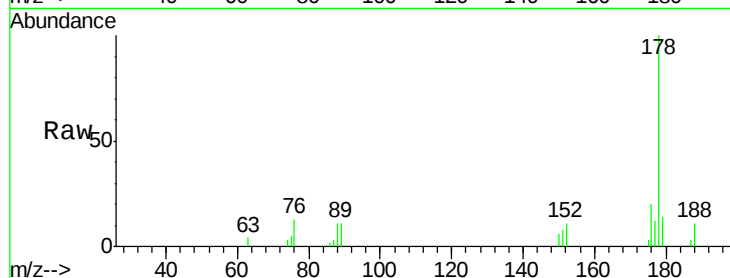
Tot Ion:178 Resp: 13811

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

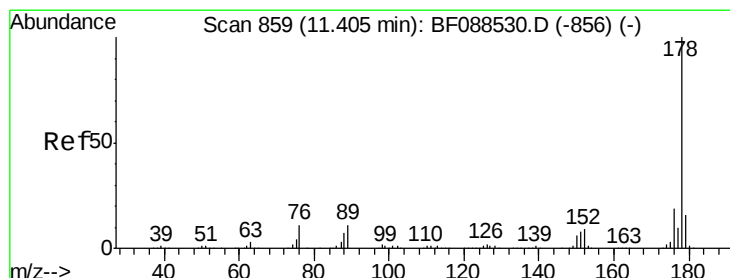
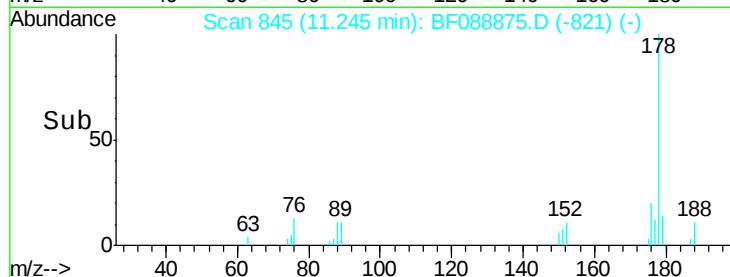
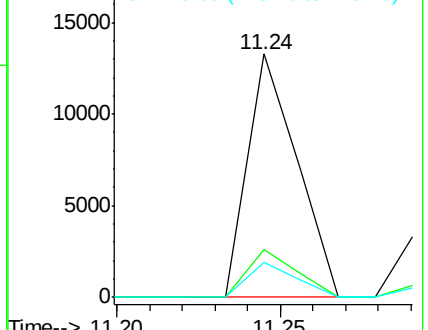
179 14.4 13.0 19.4



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: 0.96 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

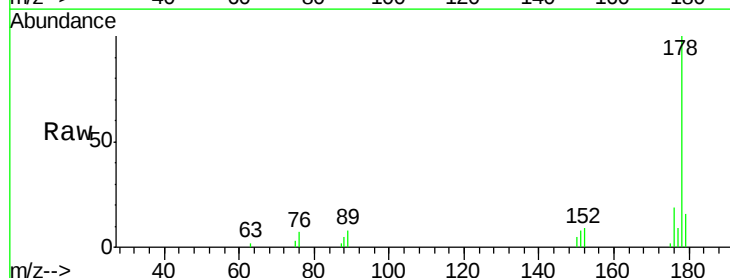
Tgt Ion:178 Resp: 14041

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

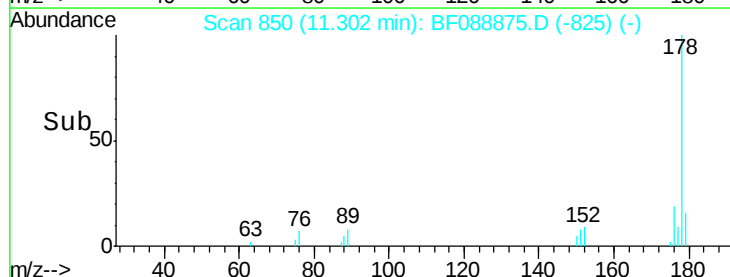
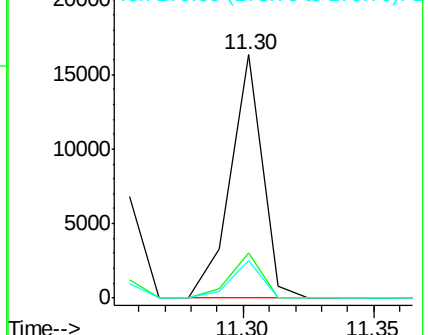
179 15.6 12.8 19.2

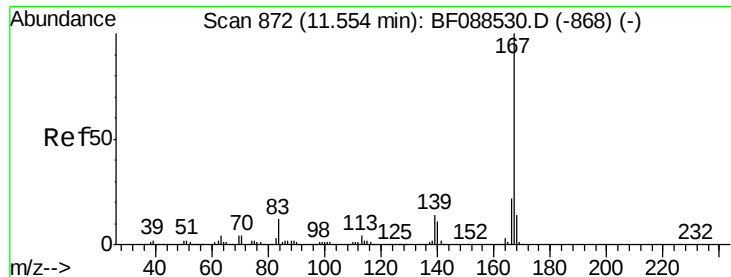


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.84 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

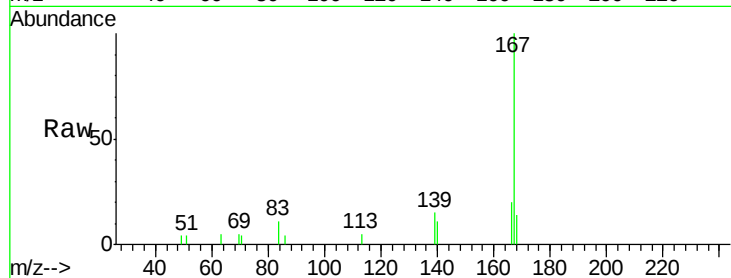
Tot Ion:167 Resp: 11606

Ion Ratio Lower Upper

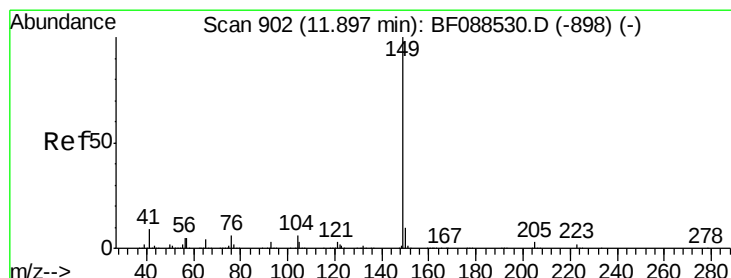
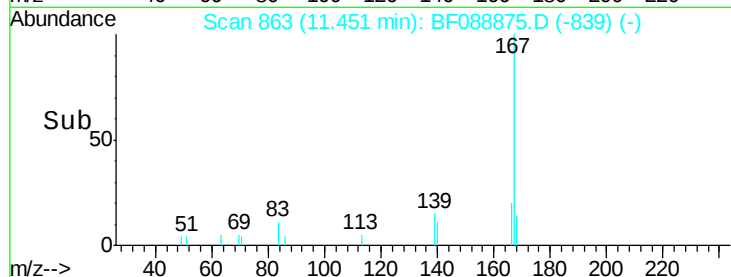
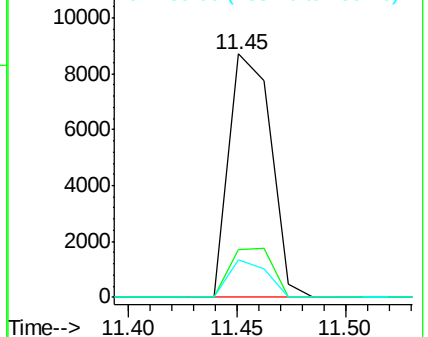
167 100

166 19.6 17.8 26.6

139 15.4 11.2 16.8



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



#73

Di-n-butylphthalate

Concen: 0.97 ng

RT: 11.80 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

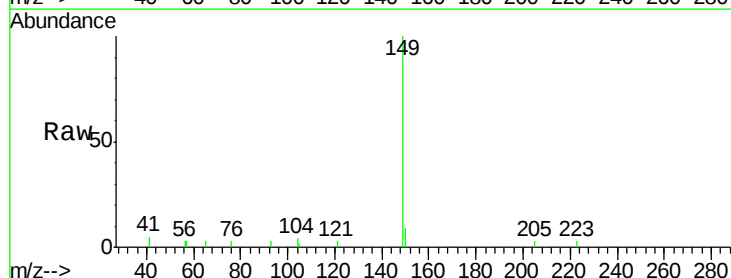
Tgt Ion:149 Resp: 15519

Ion Ratio Lower Upper

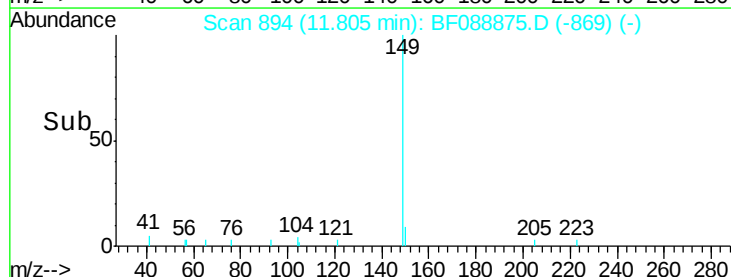
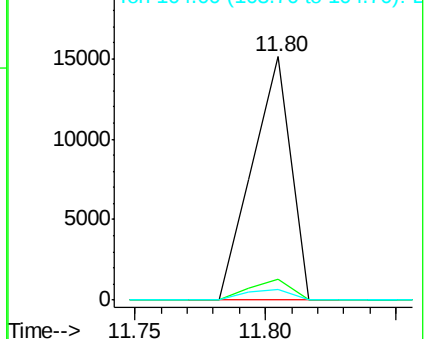
149 100

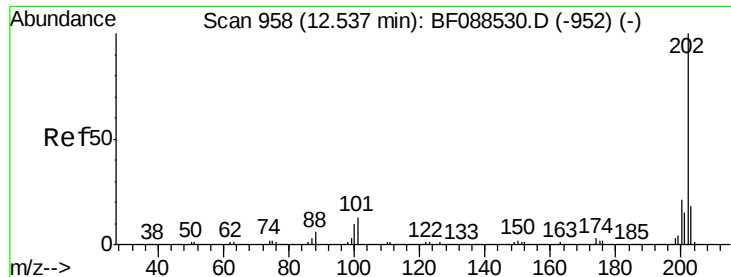
150 8.8 7.8 11.6

104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

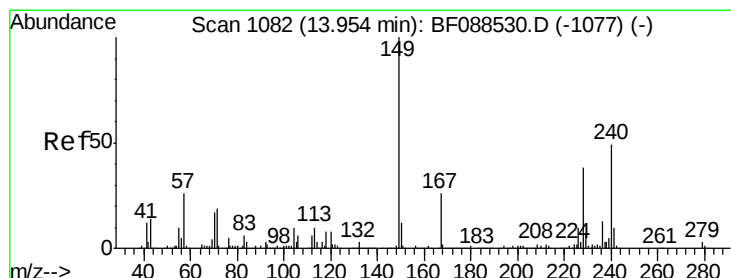
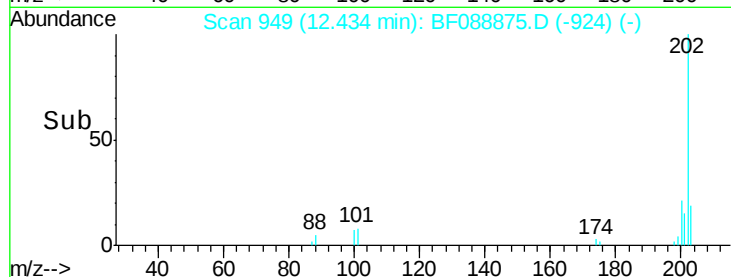
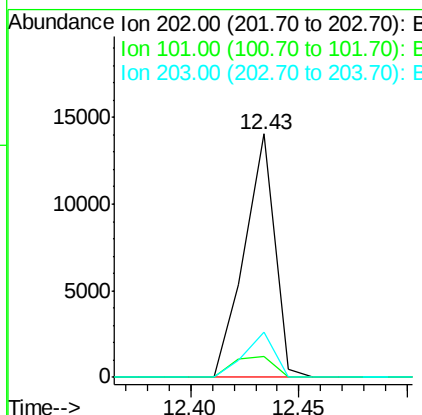
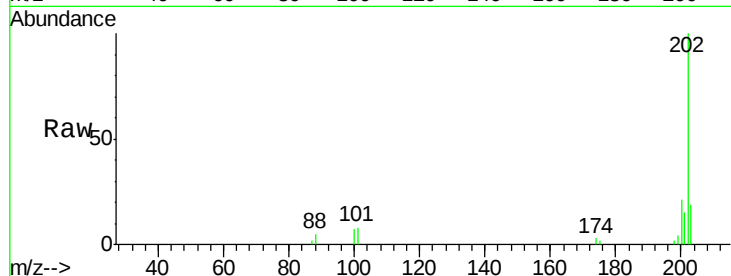




#74
 Fluoranthene
 Concen: 0.91 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

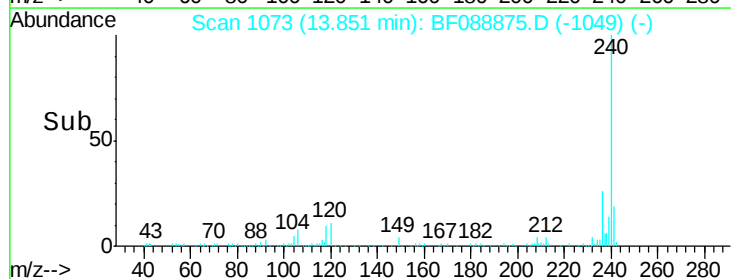
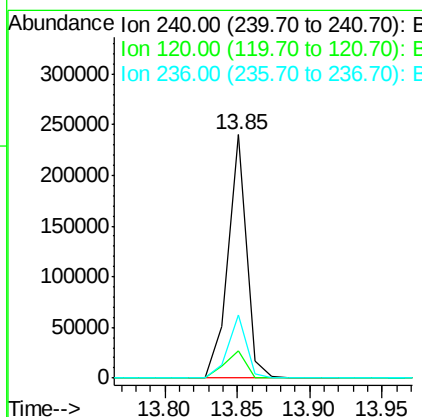
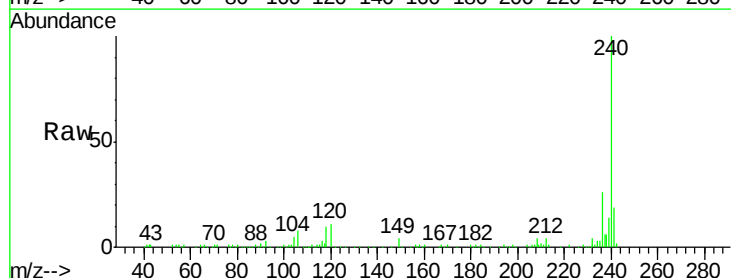
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

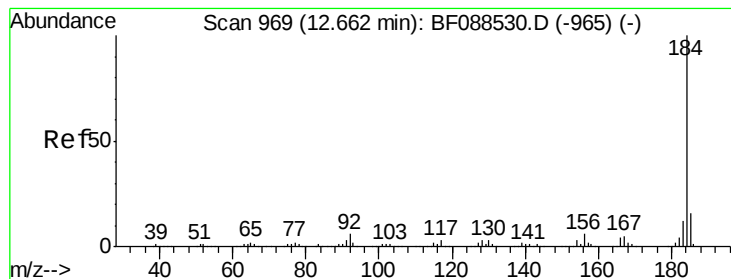
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	33.1
203	18.8	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	6.8	10.2#
236	25.7	20.2	30.2





#76

Benzidine

Concen: 0.06 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

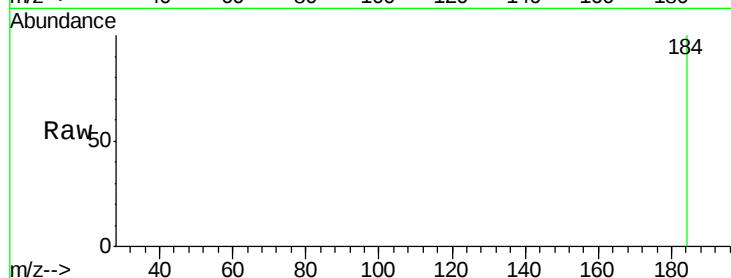
Tot Ion:184 Resp: 671

Ion Ratio Lower Upper

184 100

185 0.0 12.5 18.7#

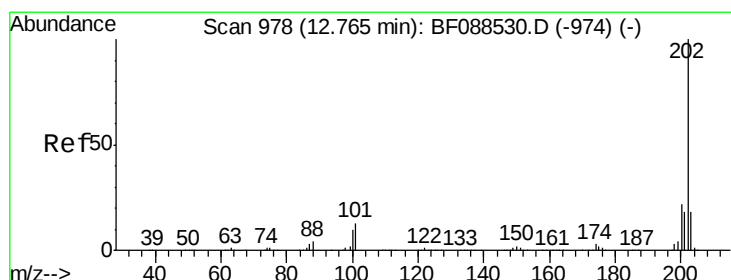
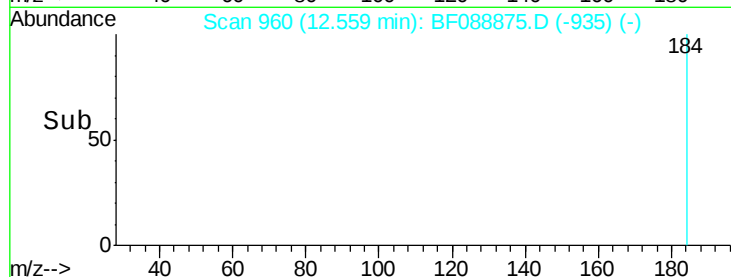
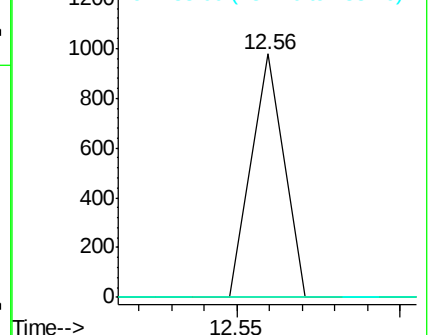
183 0.0 9.3 13.9#



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

Pyrene

Concen: 0.75 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

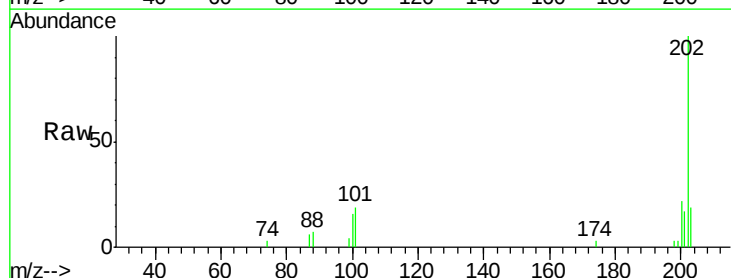
Tgt Ion:202 Resp: 13511

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

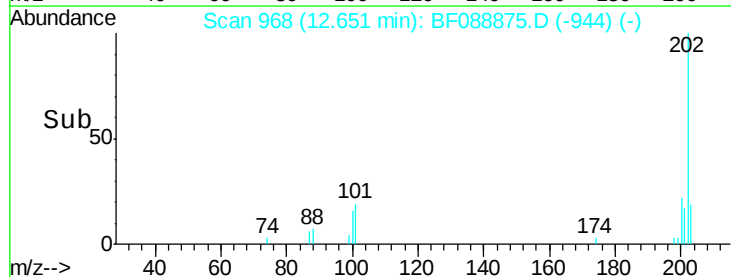
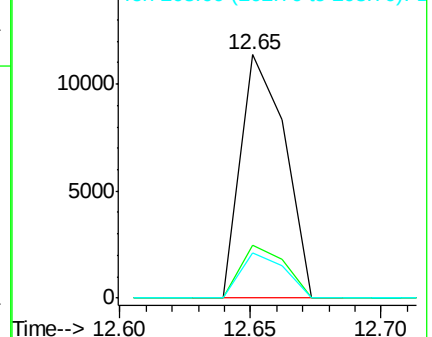
203 18.5 14.5 21.7

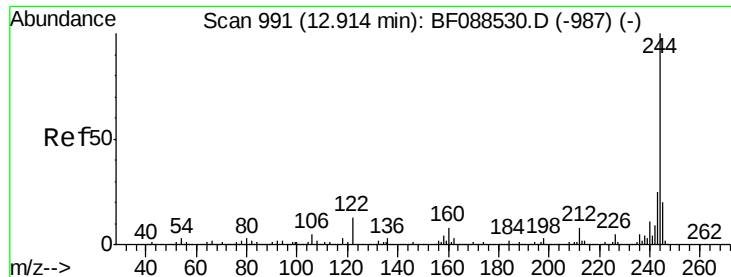


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

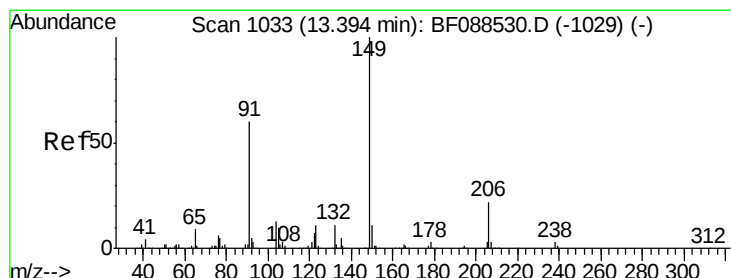
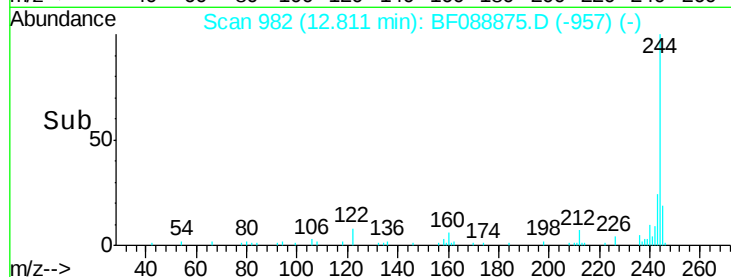
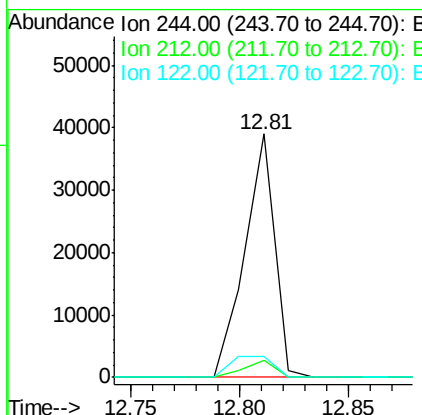
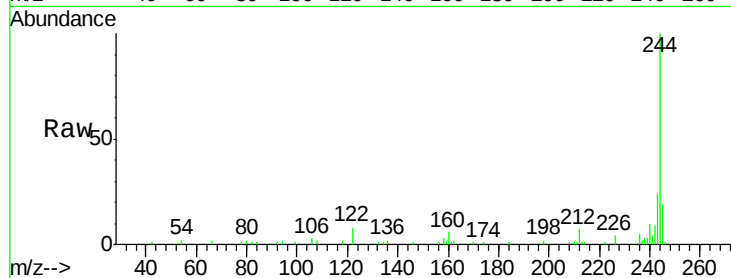




#78
 Terphenyl-d14
 Concen: 3.88 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

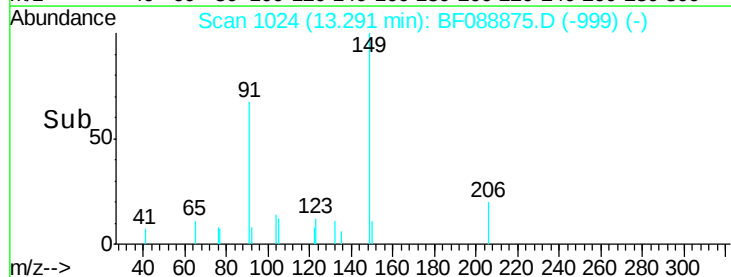
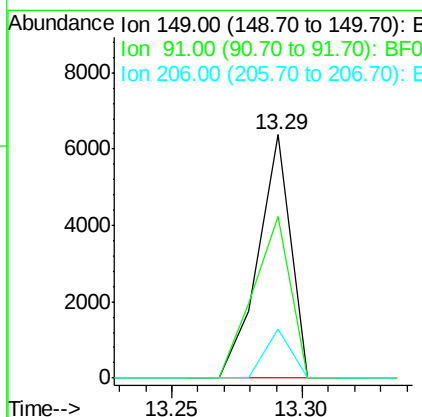
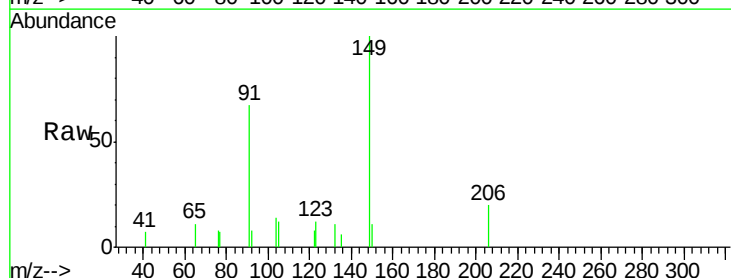
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

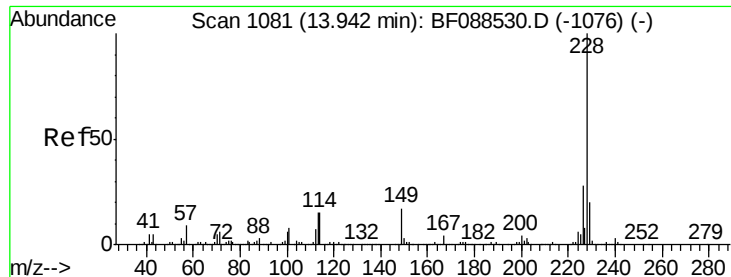
Tot Ion:244 Resp: 37137
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.5 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 0.69 ng
 RT: 13.29 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion:149 Resp: 5568
 Ion Ratio Lower Upper
 149 100
 91 66.6 48.0 72.0
 206 20.4 16.0 24.0





#80

Benzo(a)anthracene

Concen: 0.86 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

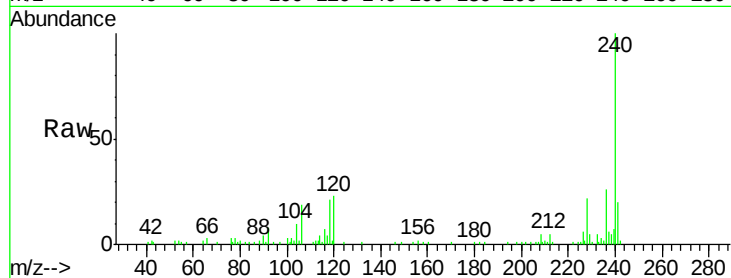
Tot Ion:228 Resp: 11745

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.3	33.5
229	20.2	16.0	24.0

228 100

226 26.5 22.3 33.5

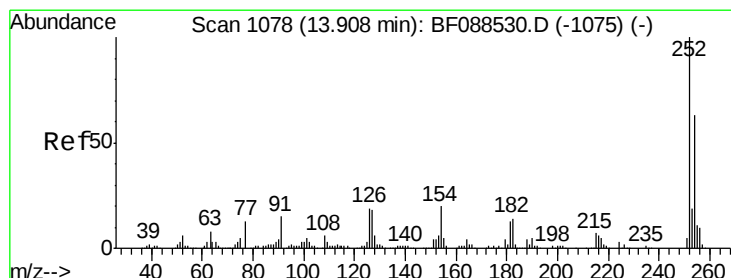
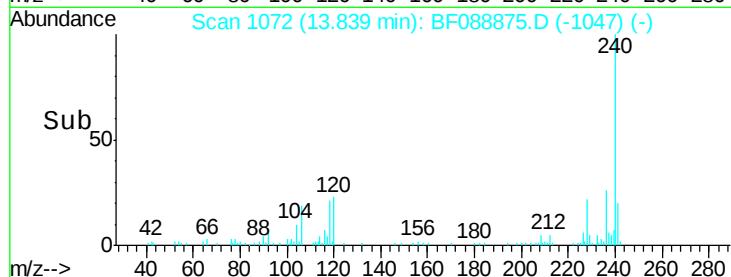
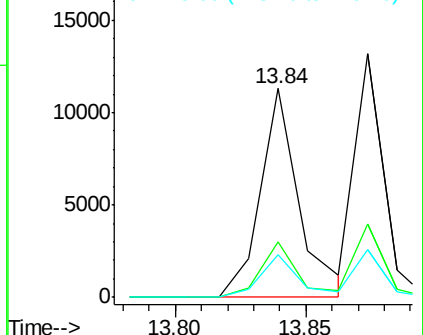
229 20.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.35 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

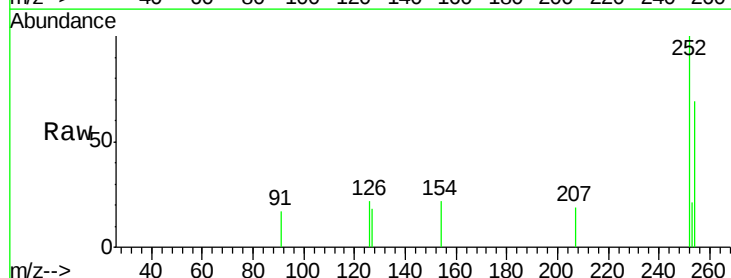
Tgt Ion:252 Resp: 1819

Ion	Ratio	Lower	Upper
252	100		
254	69.2	52.6	78.8
126	22.2	6.2	9.2

252 100

254 69.2 52.6 78.8

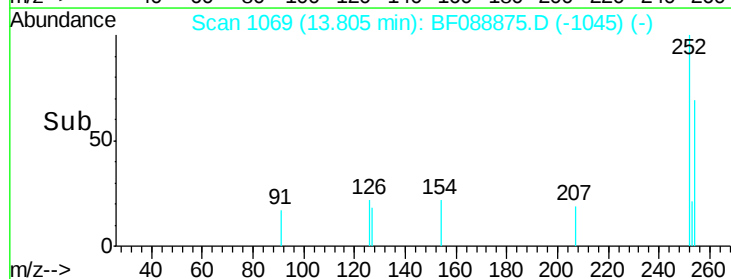
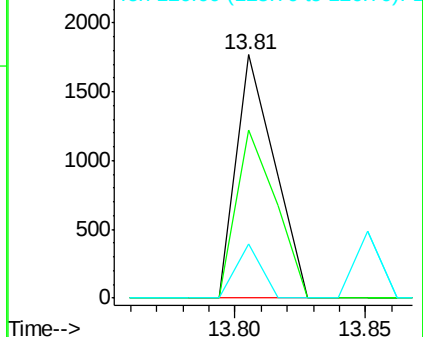
126 22.2 6.2 9.2

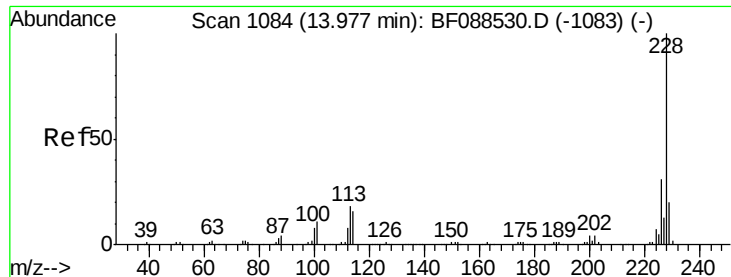


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

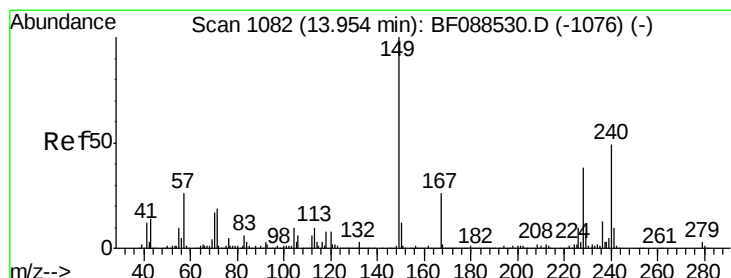
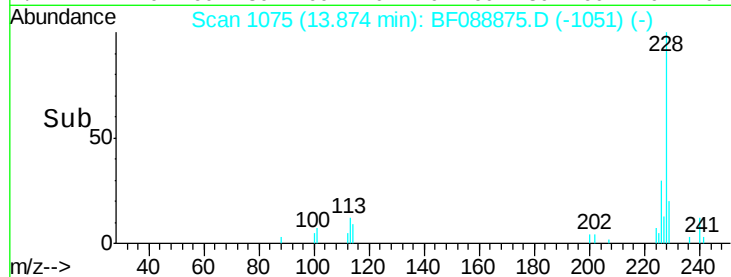
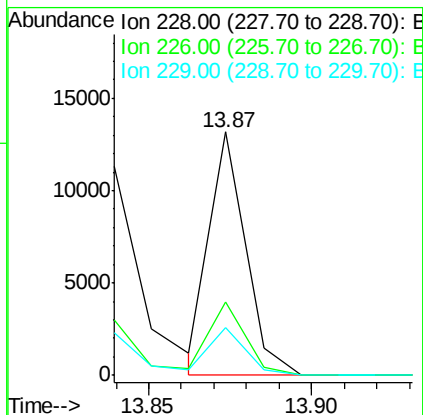
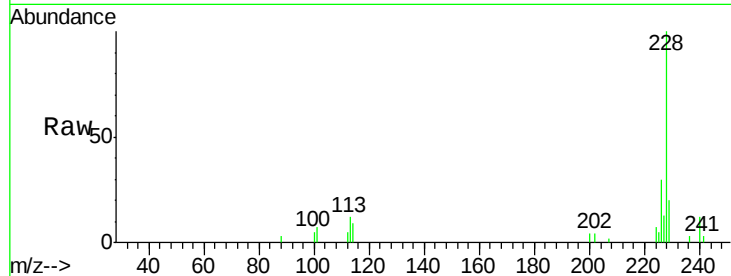




#82
 Chrysene
 Concen: 0.74 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

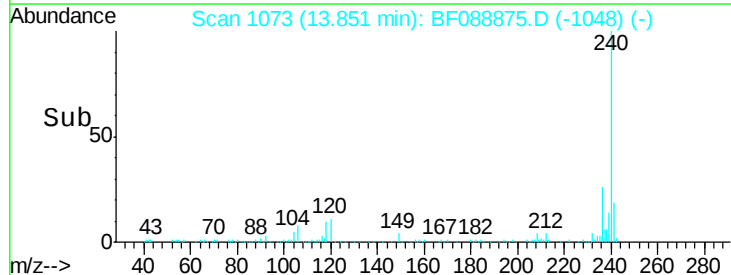
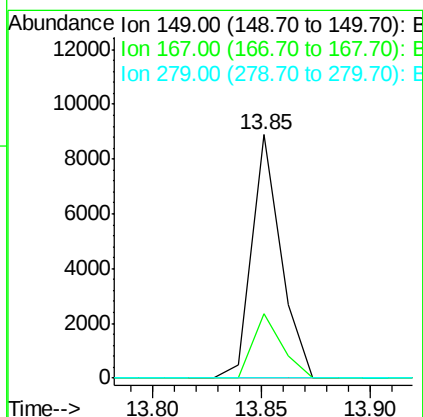
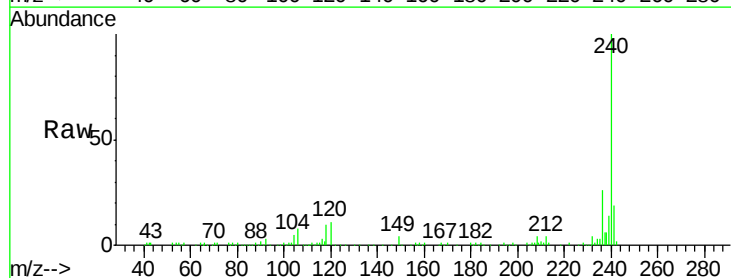
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

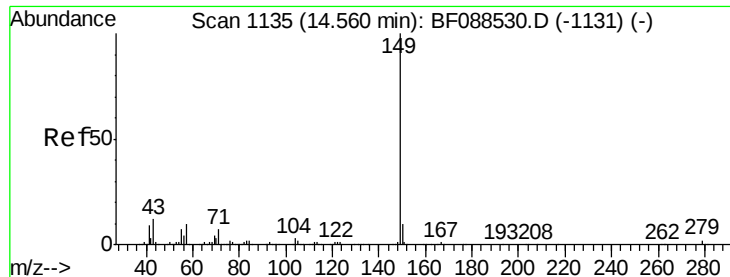
Tot Ion:228 Resp: 10041
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.4 38.2
 229 19.7 16.3 24.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.90 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion:149 Resp: 8275
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.5 30.7
 279 0.0 2.0 3.0#





#84

Di-n-octyl phthalate

Concen: 0.68 ng

RT: 14.46 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

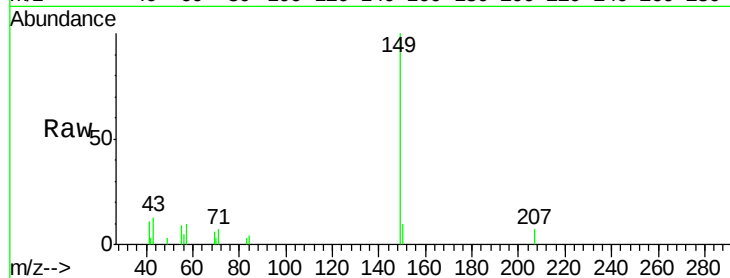
Tot Ion:149 Resp: 10651

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

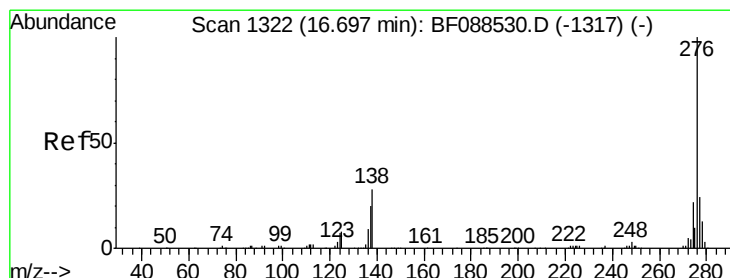
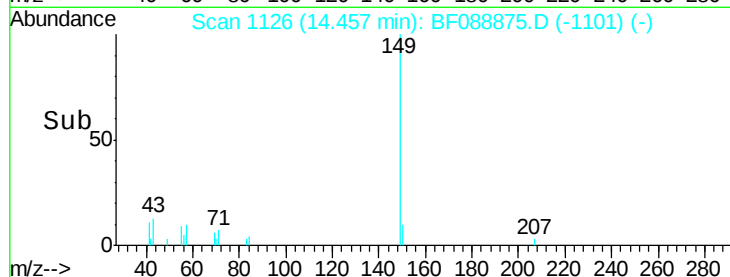
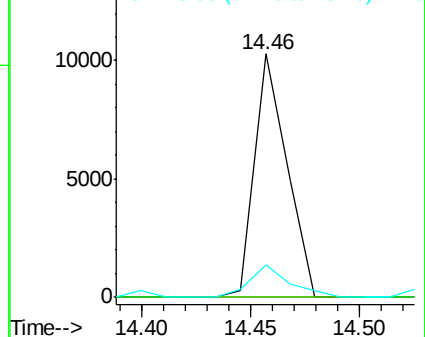
43 16.8 0.0 0.0#



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: 0.68 ng

RT: 16.51 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

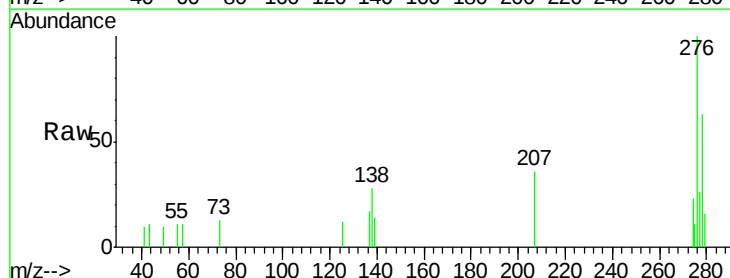
Tgt Ion:276 Resp: 7153

Ion Ratio Lower Upper

276 100

138 24.5 0.0 0.0#

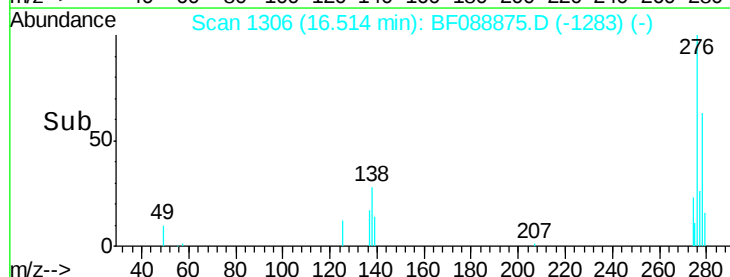
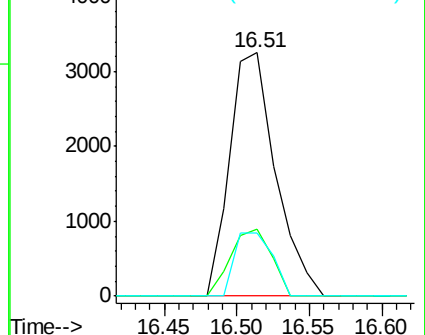
277 21.3 0.0 0.0#

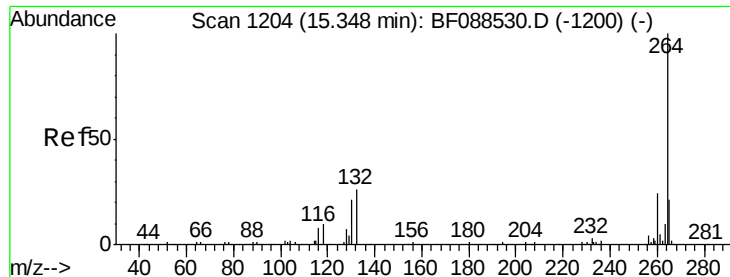


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

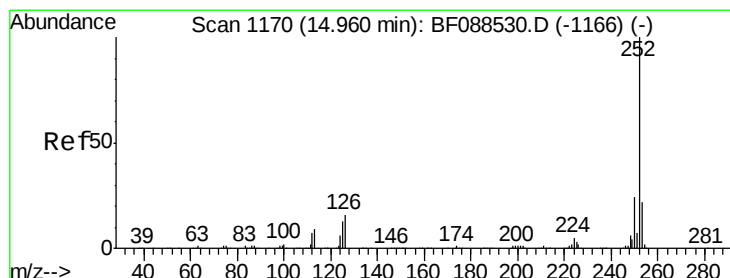
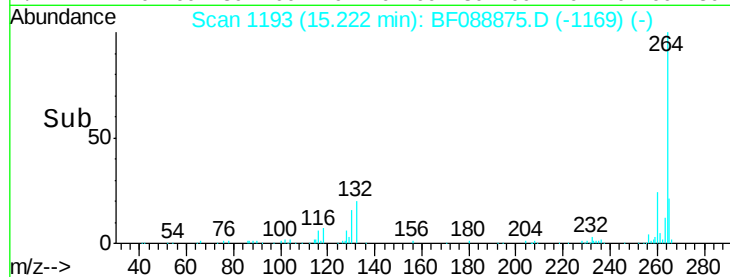
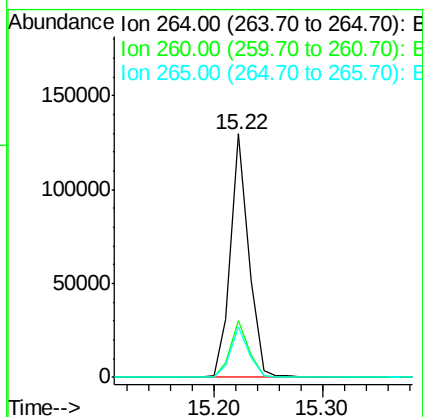
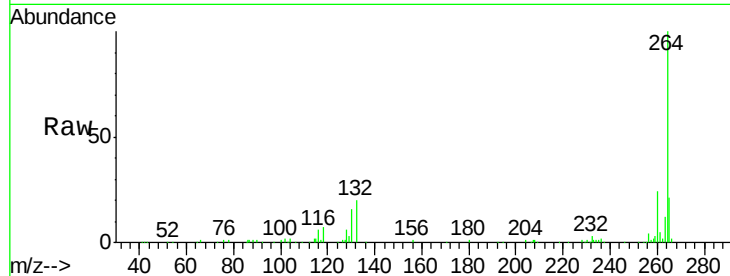




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

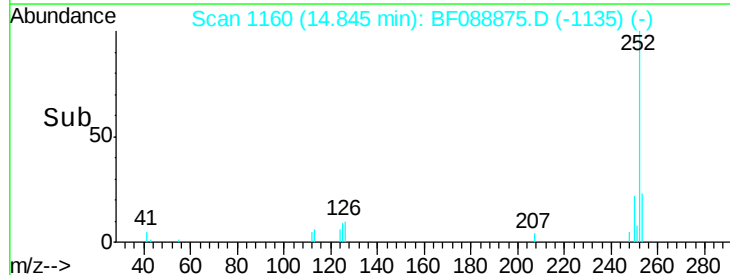
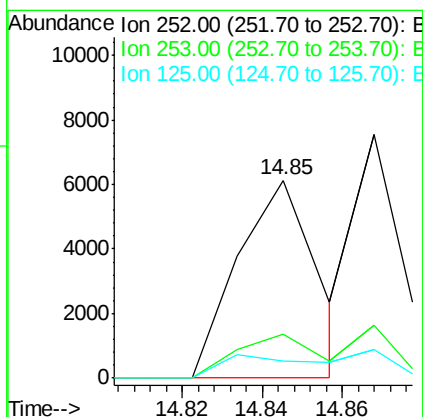
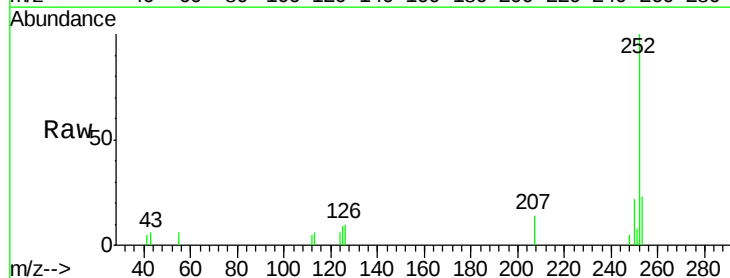
Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

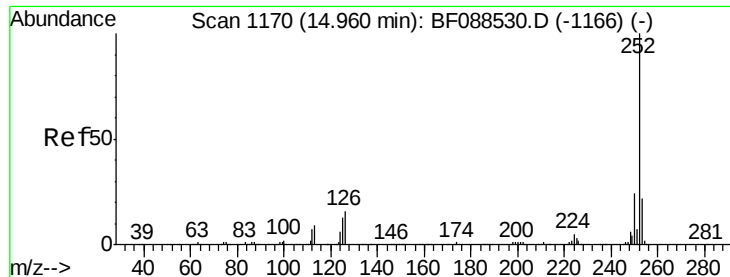
Tot Ion:264 Resp: 150175
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 20.7 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 0.89 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:252 Resp: 8422
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 8.6 7.1 10.7

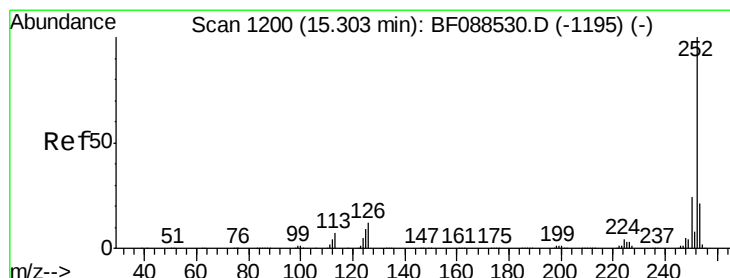
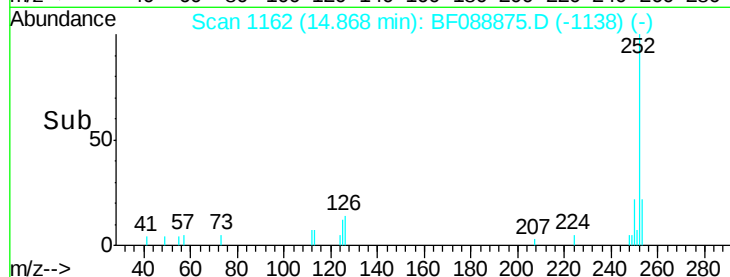
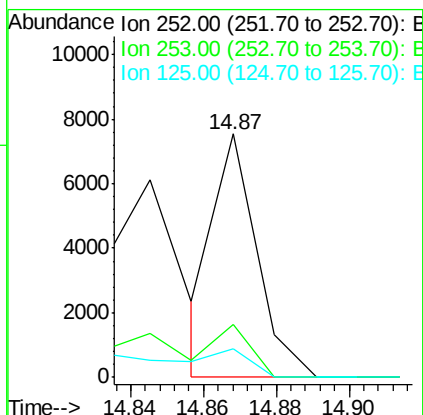
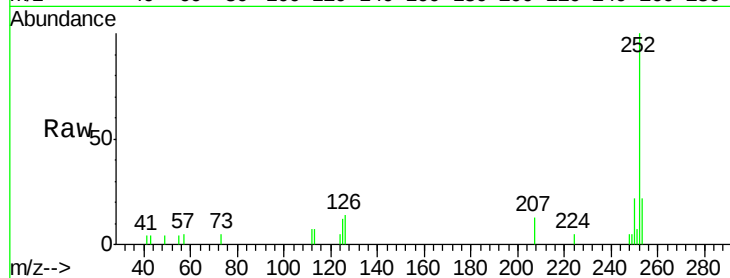




#88
Benzo(k)fluoranthene
Concen: 0.74 ng m
RT: 14.87 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

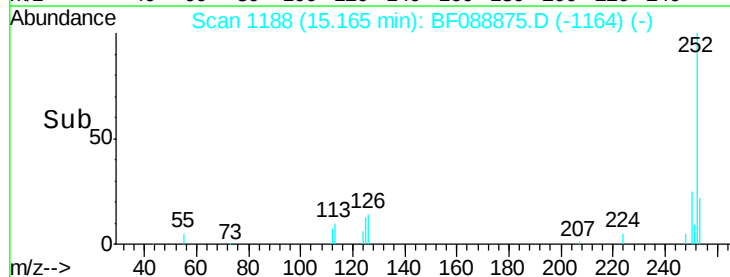
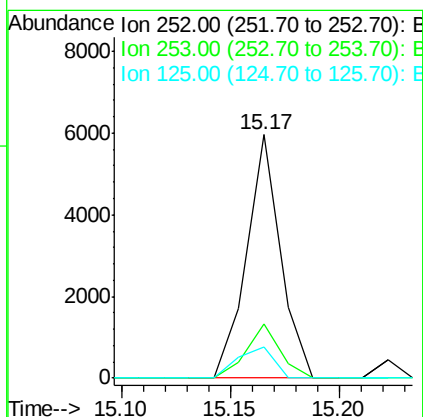
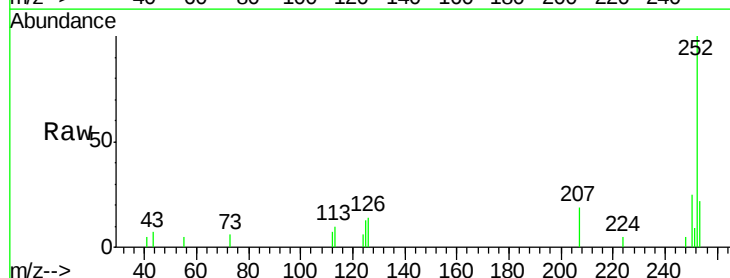
Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

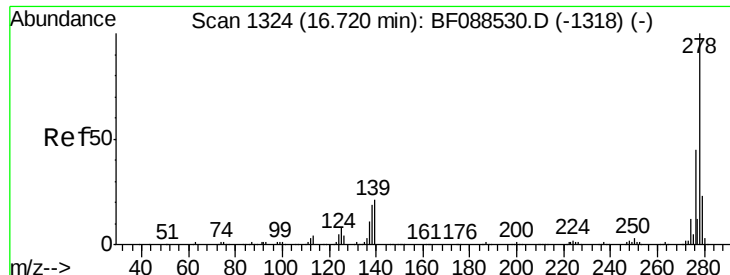
Tot Ion:252 Resp: 6073
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.6 11.2 16.8



#89
Benzo(a)pyrene
Concen: 0.81 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:252 Resp: 6432
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 12.9 12.5 18.7

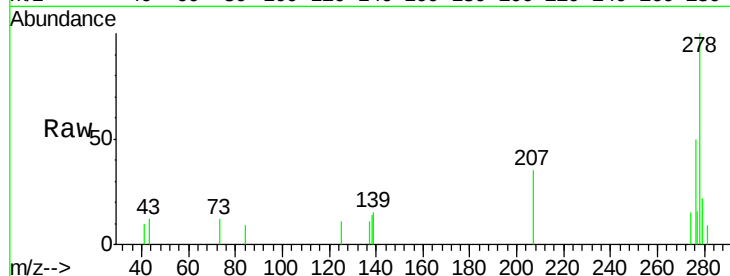




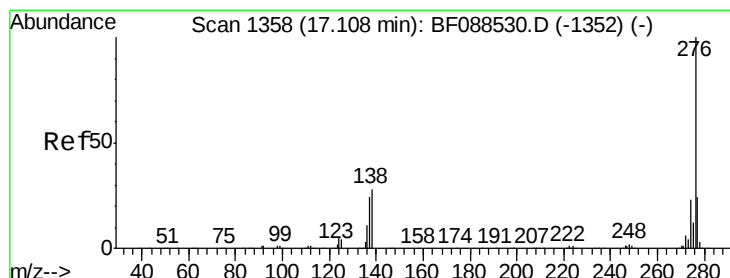
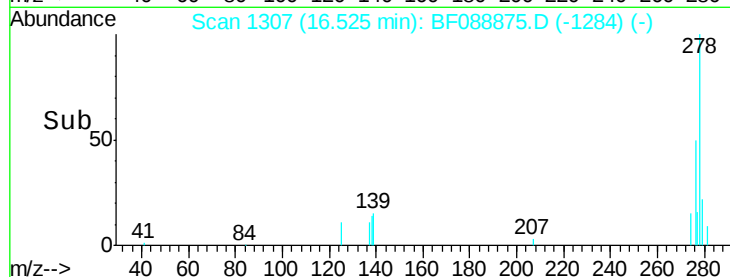
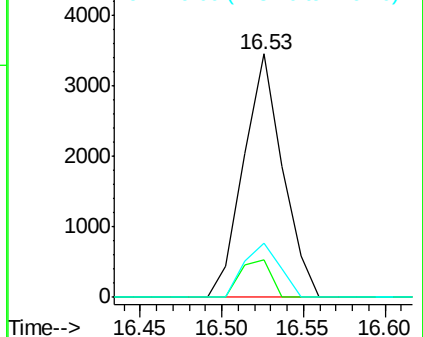
#90
Dibenzo(a,h)anthracene
Concen: 0.86 ng
RT: 16.53 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion:278 Resp: 5761
Ion Ratio Lower Upper
278 100
139 15.3 15.7 23.5#
279 22.2 19.4 29.2

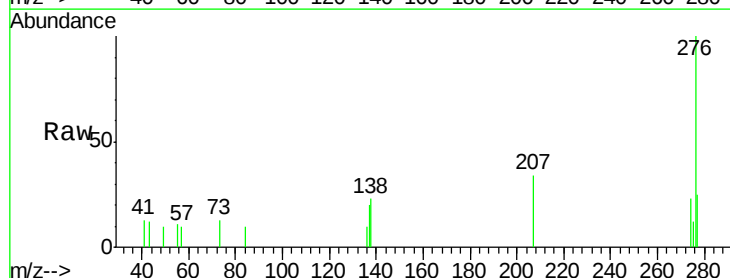


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 0.91 ng
RT: 16.89 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:276 Resp: 6257
Ion Ratio Lower Upper
276 100
277 24.6 18.9 28.3
138 23.2 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

