

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
 Data File : BF087610.D
 Acq On : 1 Jun 2016 7:45
 Operator : UM/SJ
 Sample : H3323-08MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

Quant Time: Jun 01 08:12:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 01 07:48:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	119692	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	496485	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	221106	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	364973	20.00	ng	0.00
75) Chrysene-d12	18.42	240	274631	20.00	ng	0.00
86) Perylene-d12	20.10	264	226253	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	725389	106.49	ng	0.01
7) Phenol-d6	7.02	99	956310	103.90	ng	0.00
23) Nitrobenzene-d5	8.36	82	647198	65.70	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	194212	91.40	ng	-0.01
44) 2-Fluorobiphenyl	11.25	172	1059928	67.58	ng	-0.01
78) Terphenyl-d14	17.06	244	770666	59.66	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.80	88	73753	20.52	ng	# 62
3) Pyridine	2.39	79	184358	23.46	ng	# 62
4) n-Nitrosodimethylamine	2.35	42	199723	32.99	ng	# 39
6) Aniline	6.95	93	313395	26.32	ng	96
8) 2-Chlorophenol	7.13	128	295690	34.81	ng	88
9) Benzaldehyde	6.82	77	34747	6.84	ng	95
10) Phenol	7.04	94	365589	36.37	ng	79
11) bis(2-Chloroethyl)ether	7.08	93	296936	36.50	ng	86
12) 1,3-Dichlorobenzene	7.34	146	297122	32.07	ng	# 93
13) 1,4-Dichlorobenzene	7.70	146	260062	27.34	ng	96
14) 1,2-Dichlorobenzene	7.70	146	296079	33.65	ng	99
15) Benzyl Alcohol	7.76	79	269369	40.14	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.94	45	574845	31.41	ng	88
17) 2-Methylphenol	7.99	107	246287	36.18	ng	# 90
18) Hexachloroethane	8.20	117	113319	31.93	ng	99
19) n-Nitroso-di-n-propylamine	8.17	70	245569	35.78	ng	# 73
20) 3+4-Methylphenols	8.25	107	310330	37.71	ng	# 58
22) Acetophenone	8.14	105	425957	35.91	ng	# 98
24) Nitrobenzene	8.40	77	344507	33.13	ng	98
25) Isophorone	8.79	82	597728	33.83	ng	99
26) 2-Nitrophenol	8.90	139	146890	34.56	ng	# 71
27) 2,4-Dimethylphenol	9.05	122	260027	35.24	ng	# 84
28) bis(2-Chloroethoxy)methane	9.16	93	353208	35.49	ng	# 98
29) 2,4-Dichlorophenol	9.35	162	231243	34.77	ng	97
30) 1,2,4-Trichlorobenzene	9.40	180	254339	33.41	ng	97
31) Naphthalene	9.51	128	836561	33.63	ng	100
32) Benzoic acid	9.51	122	7708	7.61	ng	# 1
33) 4-Chloroaniline	9.68	127	189383	20.67	ng	# 88
34) Hexachlorobutadiene	9.71	225	149738	32.36	ng	98
35) Caprolactam	10.36	113	23654	12.19	ng	# 77
36) 4-Chloro-3-methylphenol	10.55	107	263850	35.09	ng	93
37) 2-Methylnaphthalene	10.79	142	502073	32.30	ng	94
39) 1,2,4,5-Tetrachlorobenzene	10.90	216	233432	32.98	ng	99
40) Hexachlorocyclopentadiene	10.87	237	21566	15.99	ng	98

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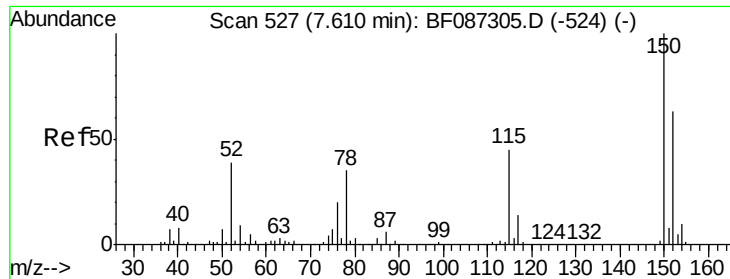
Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jun 01 08:12:32 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.14	196	152749	37.39	ng	96
43) 2,4,5-Trichlorophenol	11.25	196	135277	32.52	ng #	85
45) 1,1'-Biphenyl	11.39	154	660765	35.49	ng	97
46) 2-Chloronaphthalene	11.42	162	481306	33.79	ng	94
47) 2-Nitroaniline	11.65	65	195401	38.08	ng #	67
48) Acenaphthylene	12.07	152	734193	32.56	ng	99
49) Dimethylphthalate	11.95	163	664984	37.54	ng	99
50) 2,6-Dinitrotoluene	12.06	165	120453	33.75	ng #	73
51) Acenaphthene	12.35	154	457025	32.98	ng	98
52) 3-Nitroaniline	12.34	138	93306	25.47	ng #	89
53) 2,4-Dinitrophenol	12.57	184	37140	25.22	ng #	78
54) Dibenzofuran	12.64	168	661016	35.23	ng	94
55) 4-Nitrophenol	12.77	139	126994	72.68	ng #	59
56) 2,4-Dinitrotoluene	12.73	165	155638	32.63	ng	94
57) Fluorene	13.19	166	518004	31.84	ng	98
58) 2,3,4,6-Tetrachlorophenol	12.89	232	116365	36.36	ng	99
59) Diethylphthalate	13.10	149	596947	34.67	ng	100
60) 4-Chlorophenyl-phenylether	13.22	204	253413	31.94	ng	88
61) 4-Nitroaniline	13.35	138	103154	30.17	ng #	67
62) Azobenzene	13.47	77	649813	36.37	ng	85
64) 4,6-Dinitro-2-methylphenol	13.41	198	38778	16.71	ng #	65
65) n-Nitrosodiphenylamine	13.44	169	449336	38.07	ng	98
66) 4-Bromophenyl-phenylether	14.00	248	141686	35.49	ng	97
67) Hexachlorobenzene	14.08	284	140562	33.66	ng #	83
68) Atrazine	14.35	200	134697	35.80	ng	94
69) Pentachlorophenol	14.45	266	96903	75.08	ng	96
70) Phenanthrene	14.74	178	692926	34.28	ng	99
71) Anthracene	14.82	178	700386	34.29	ng	100
72) Carbazole	15.13	167	619815	35.58	ng	99
73) Di-n-butylphthalate	15.69	149	791652	35.14	ng #	98
74) Fluoranthene	16.51	202	656631	32.39	ng	93
76) Benzidine	16.75	184	298206	42.20	ng	96
77) Pyrene	16.82	202	646657	32.71	ng	99
79) Butylbenzylphthalate	17.73	149	308327	35.17	ng #	86
80) Benzo(a)anthracene	18.41	228	532898	34.11	ng	99
81) 3,3'-Dichlorobenzidine	18.39	252	148856	17.25	ng #	97
82) Chrysene	18.46	228	513114	33.10	ng	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	423040	33.07	ng	98
84) Di-n-octyl phthalate	19.23	149	649180	33.28	ng #	86
85) Indeno(1,2,3-cd)pyrene	21.33	276	406336	32.69	ng	93
87) Benzo(b)fluoranthene	19.69	252	931695	64.65	ng #	94
88) Benzo(k)fluoranthene	19.69	252	931695	75.11	ng #	97
89) Benzo(a)pyrene	20.05	252	413570	33.18	ng	97
90) Dibenzo(a,h)anthracene	21.31	278	345321	32.48	ng #	95
91) Benzo(g,h,i)perylene	21.68	276	311533	29.70	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

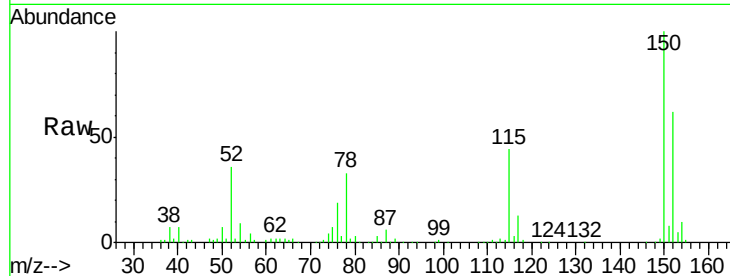
Tgt Ion:152 Resp: 119692

Ion Ratio Lower Upper

152 100

150 161.0 125.8 188.6

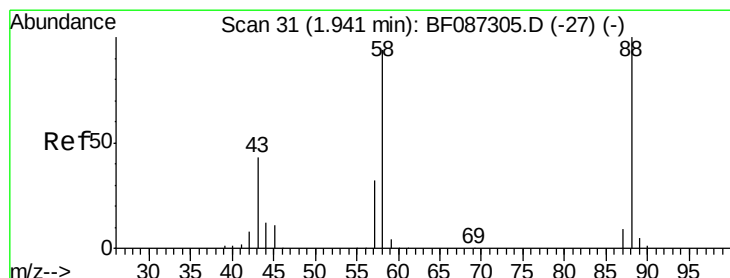
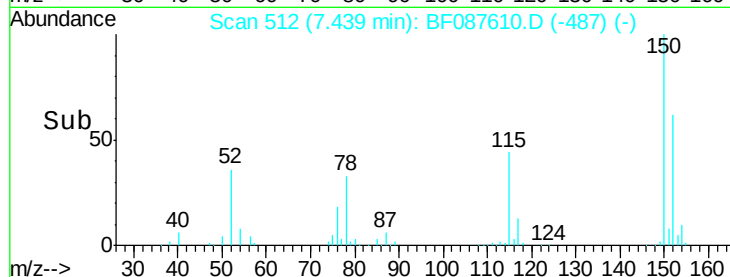
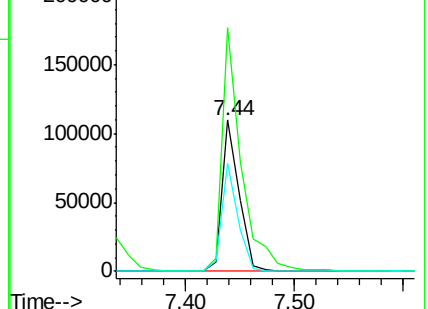
115 71.1 51.5 77.3



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: 20.52 ng

RT: 1.80 min Scan# 19

Delta R.T. 0.07 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

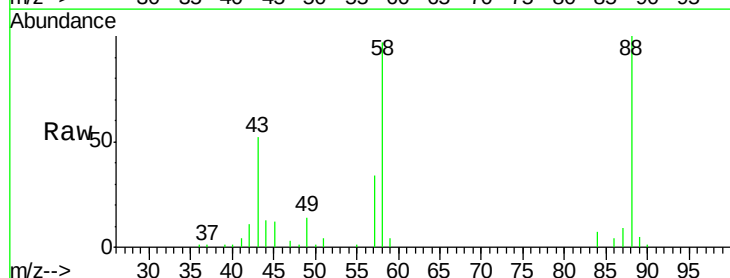
Tgt Ion: 88 Resp: 73753

Ion Ratio Lower Upper

88 100

58 99.9 59.6 89.4#

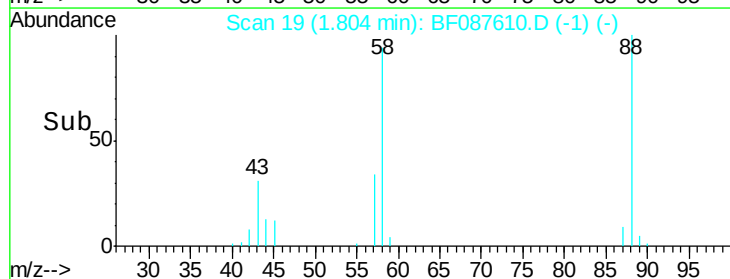
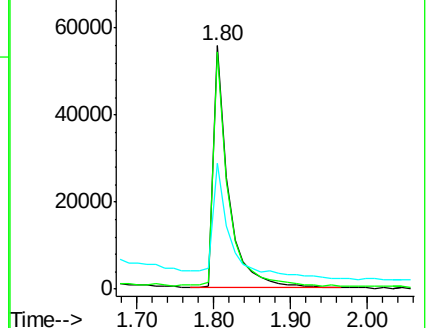
43 58.3 21.8 32.6#

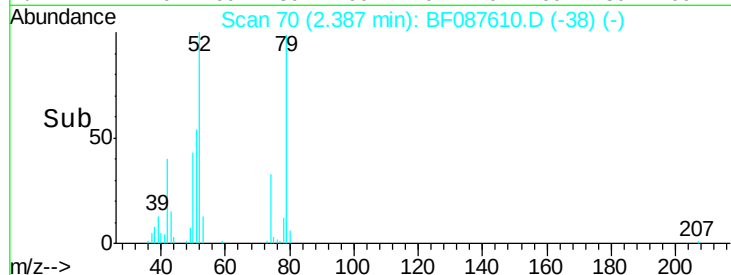
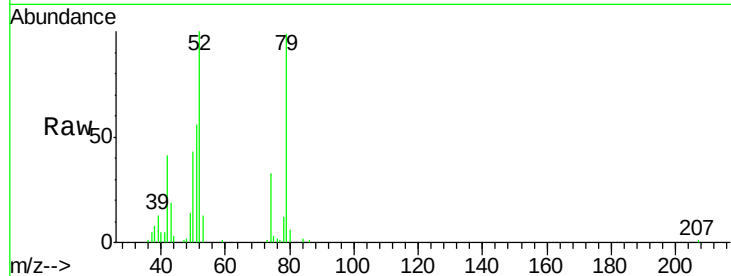
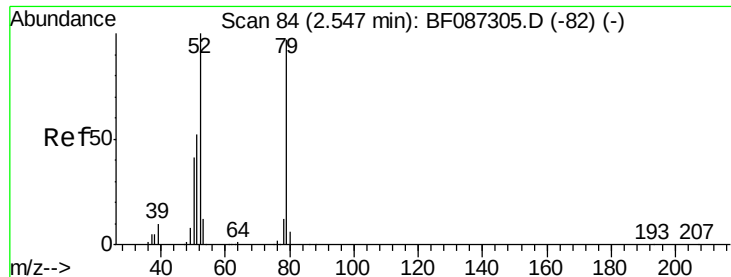


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.46 ng

RT: 2.39 min Scan# 70

Delta R.T. 0.07 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

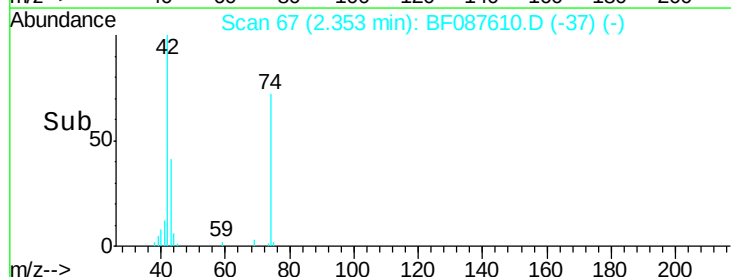
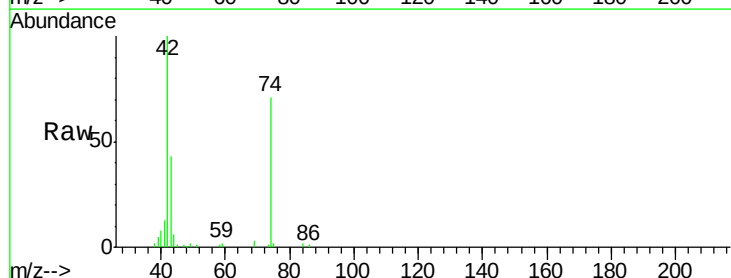
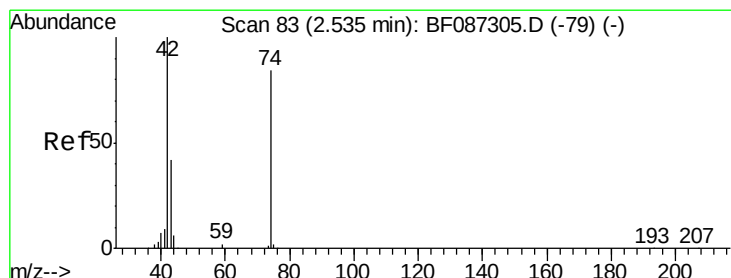
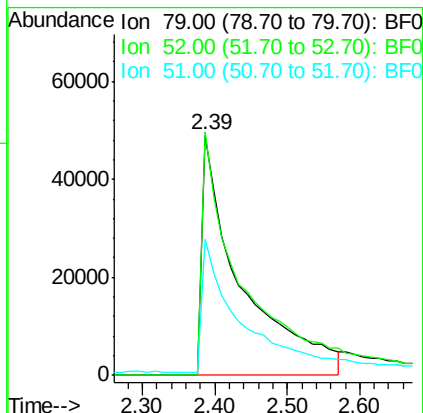
Tgt Ion: 79 Resp: 184358

Ion Ratio Lower Upper

79 100

52 101.5 55.9 83.9#

51 56.9 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 32.99 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.05 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

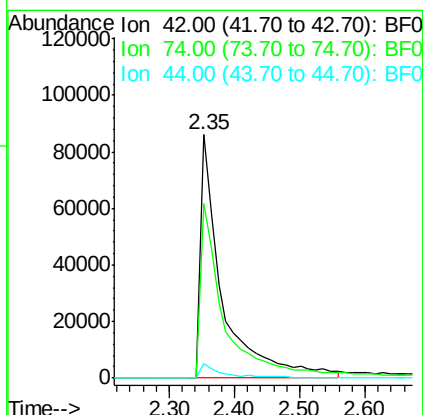
Tgt Ion: 42 Resp: 199723

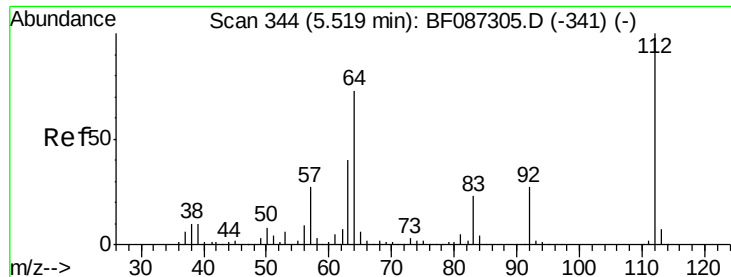
Ion Ratio Lower Upper

42 100

74 71.4 123.4 185.0#

44 6.1 5.8 8.6





#5

2-Fluorophenol

Concen: 106.49 ng

RT: 5.36 min Scan# 330

Delta R.T. 0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

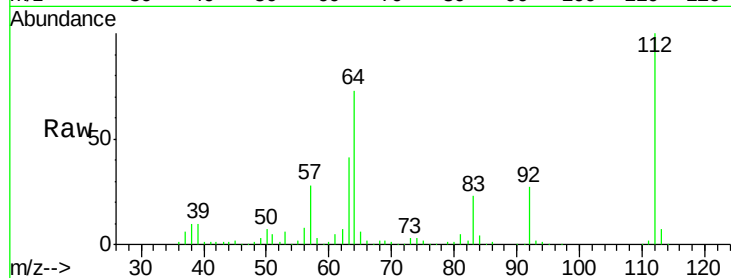
Tgt Ion: 112 Resp: 725389

Ion Ratio Lower Upper

112 100

64 73.0 52.1 78.1

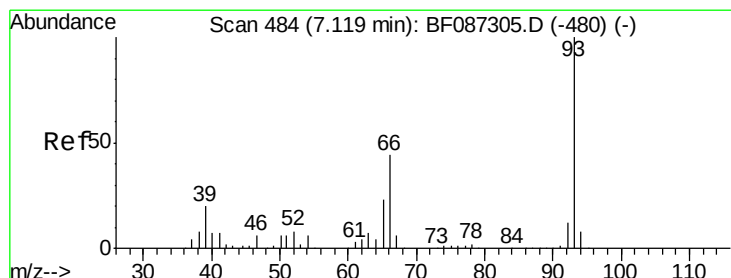
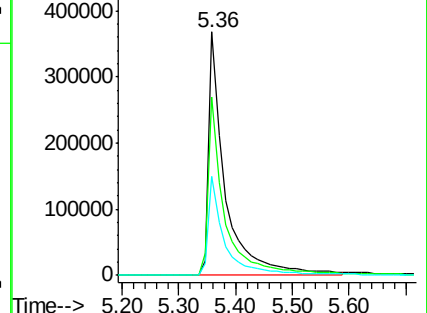
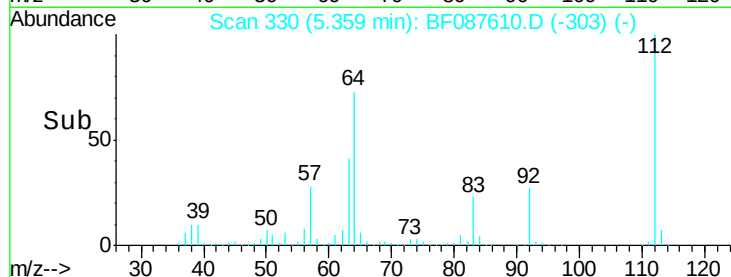
63 40.7 25.7 38.5#



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: 26.32 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

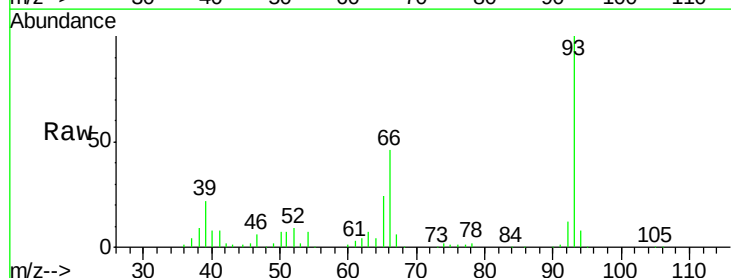
Tgt Ion: 93 Resp: 313395

Ion Ratio Lower Upper

93 100

66 46.4 39.0 58.6

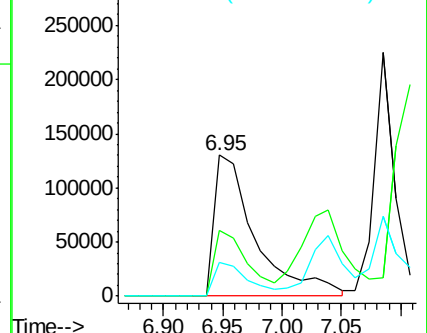
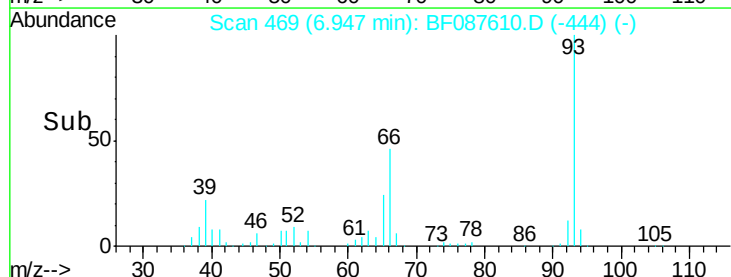
65 23.9 20.6 31.0

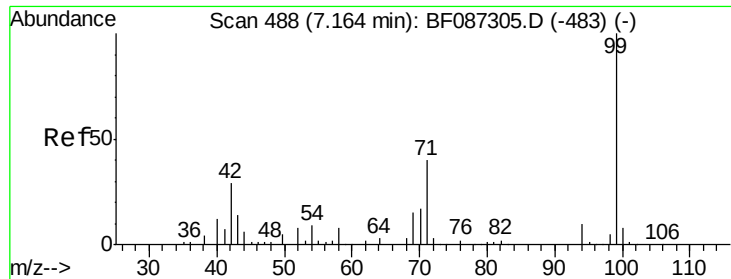


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.90 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

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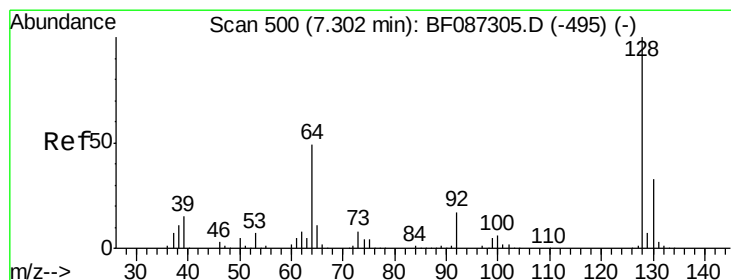
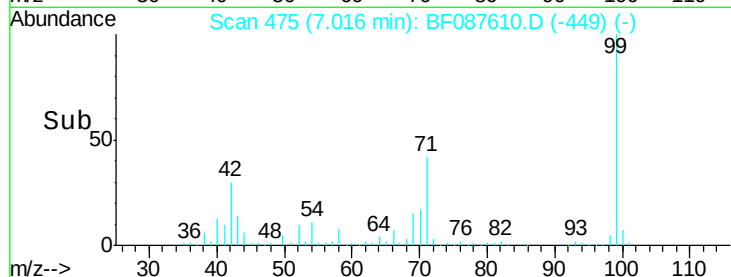
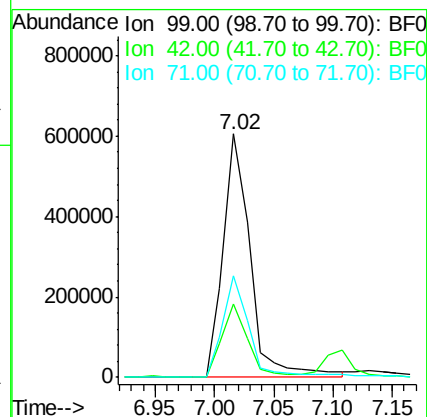
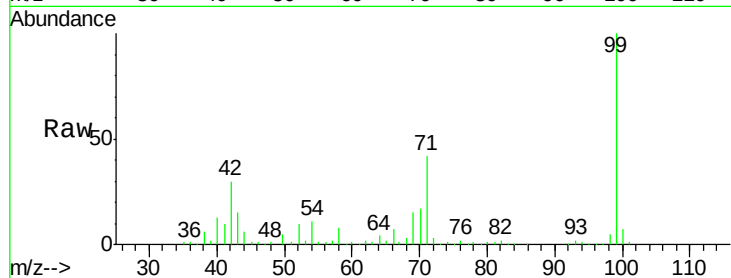
Tgt Ion: 99 Resp: 956310

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

71 42.0 24.6 36.8#



#8

2-Chlorophenol

Concen: 34.81 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

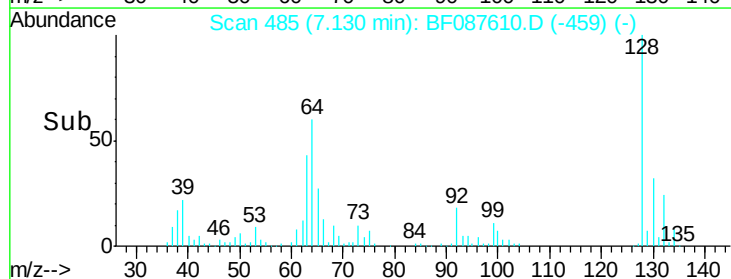
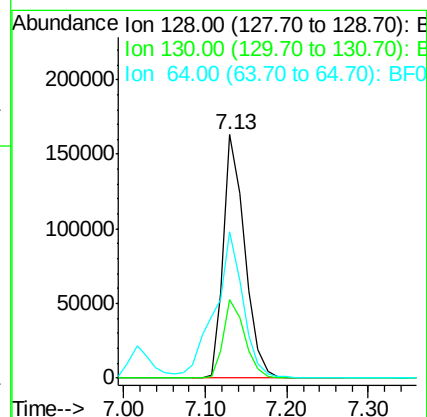
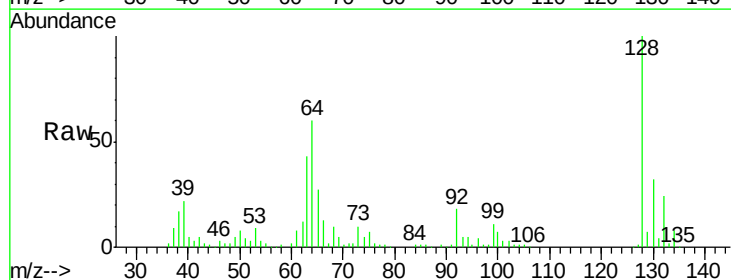
Tgt Ion: 128 Resp: 295690

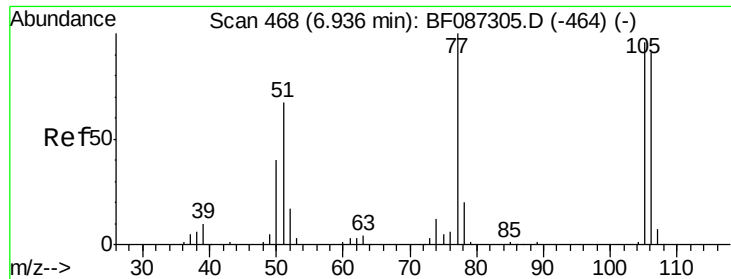
Ion Ratio Lower Upper

128 100

130 32.3 12.5 52.5

64 60.3 27.3 67.3





#9

Benzaldehyde

Concen: 6.84 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.05 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

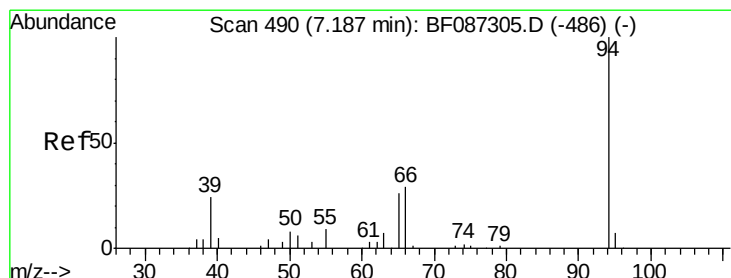
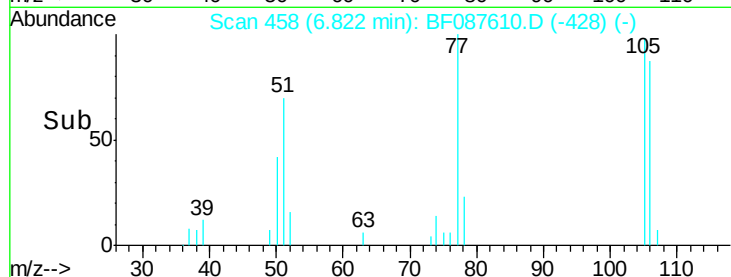
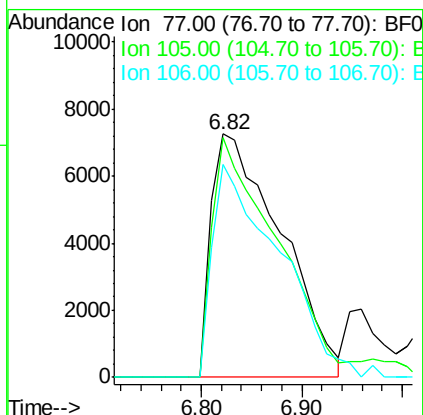
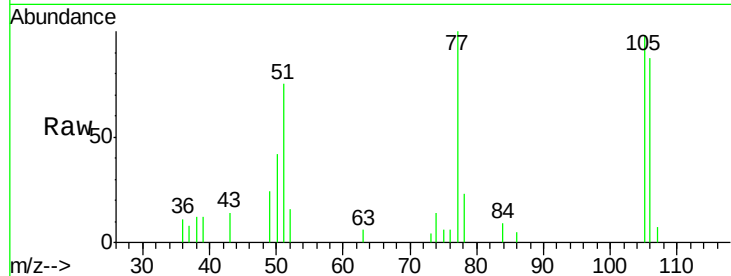
Tgt Ion: 77 Resp: 34747

Ion Ratio Lower Upper

77 100

105 98.4 72.7 112.7

106 87.3 70.8 110.8



#10

Phenol

Concen: 36.37 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

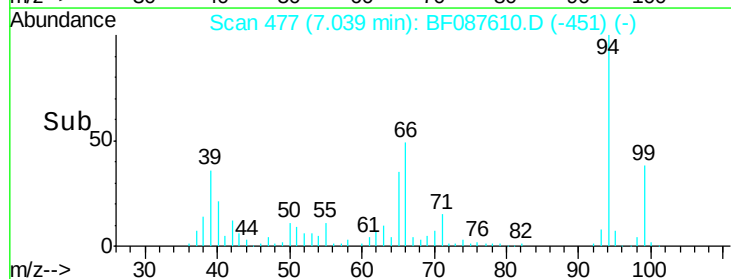
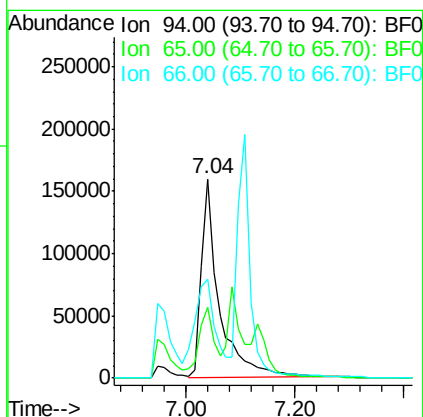
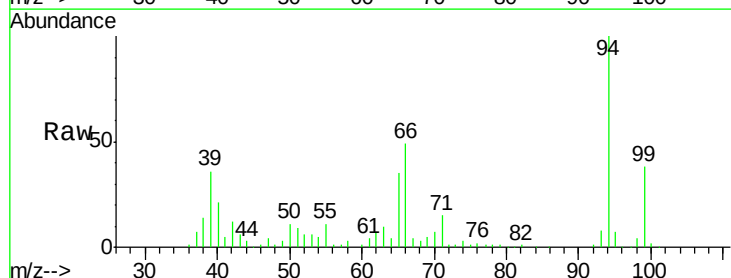
Tgt Ion: 94 Resp: 365589

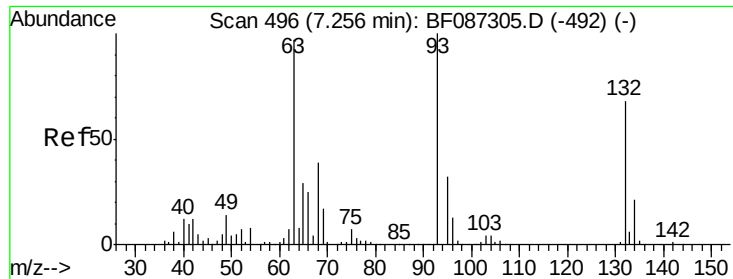
Ion Ratio Lower Upper

94 100

65 35.3 7.2 47.2

66 49.5 14.9 54.9

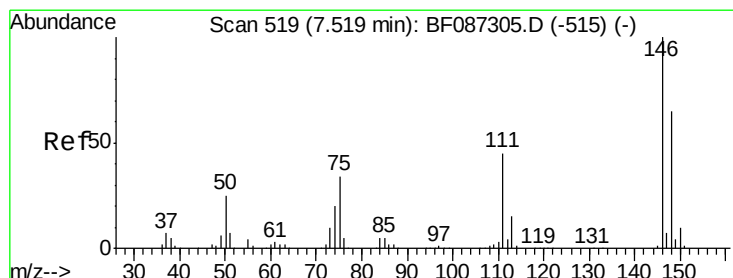
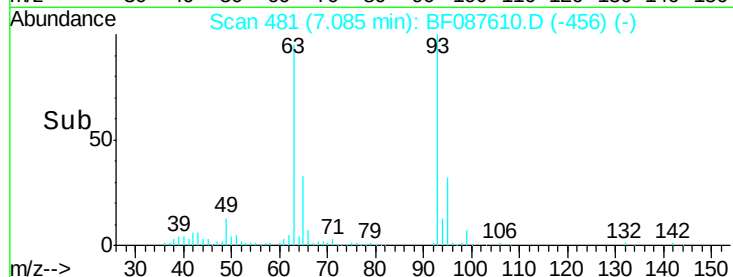
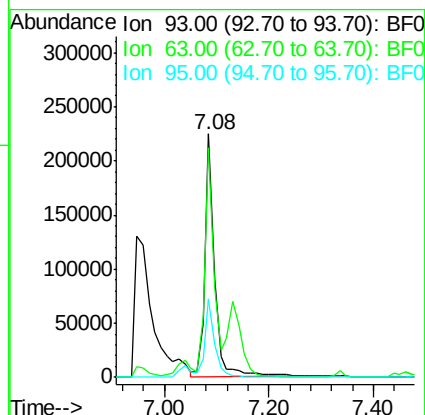
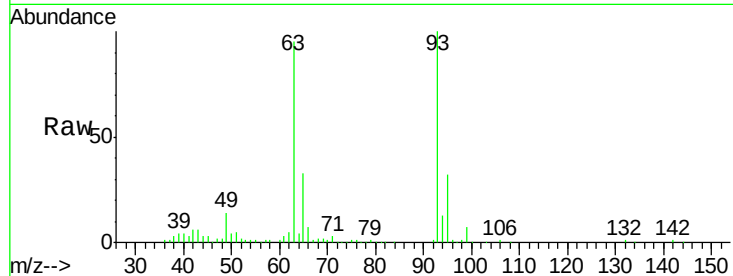




#11
bis(2-Chloroethyl)ether
Concen: 36.50 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

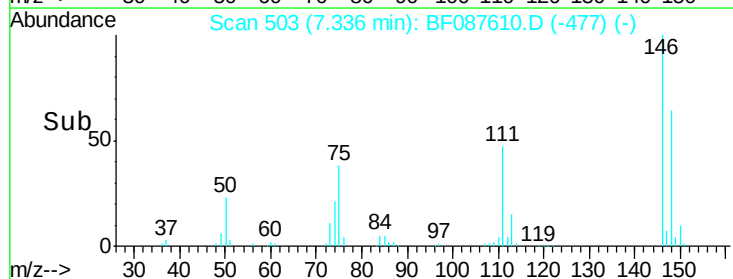
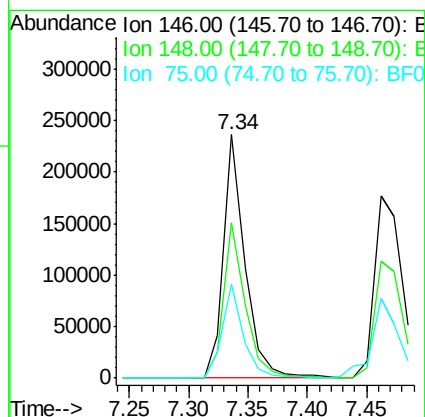
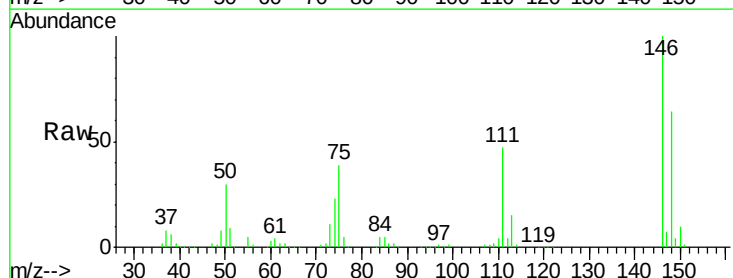
Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

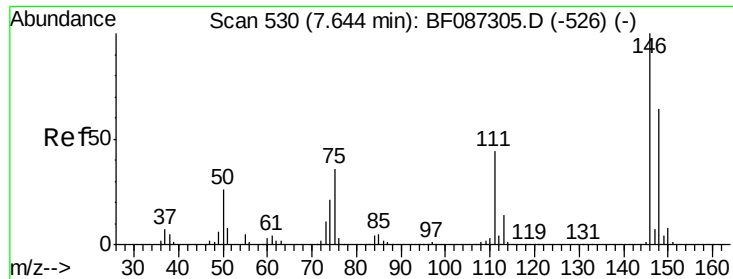
Tgt Ion: 93 Resp: 296936
Ion Ratio Lower Upper
93 100
63 94.5 58.0 98.0
95 32.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 32.07 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Tgt Ion: 146 Resp: 297122
Ion Ratio Lower Upper
146 100
148 63.6 52.4 78.6
75 38.5 22.8 34.2#

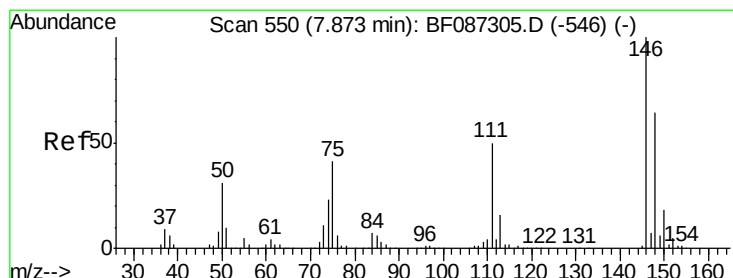
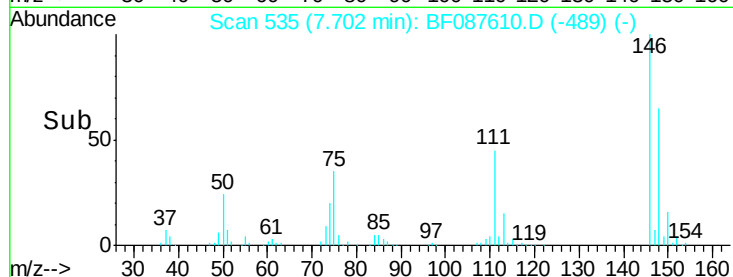
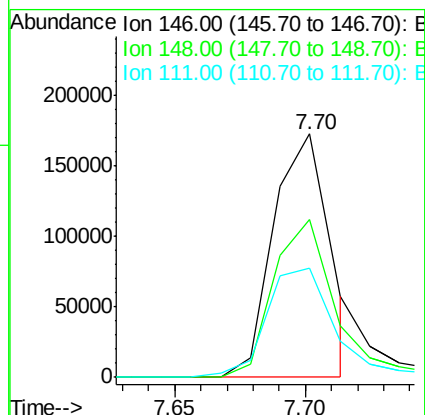
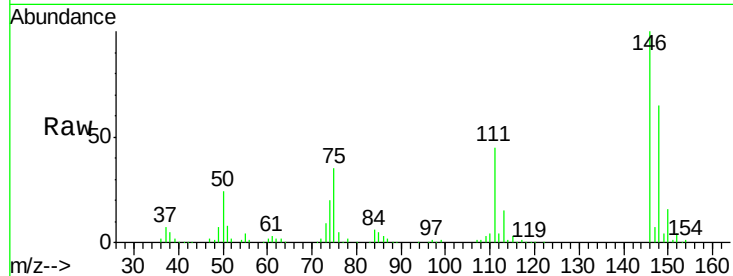




#13
 1,4-Dichlorobenzene
 Concen: 27.34 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.23 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

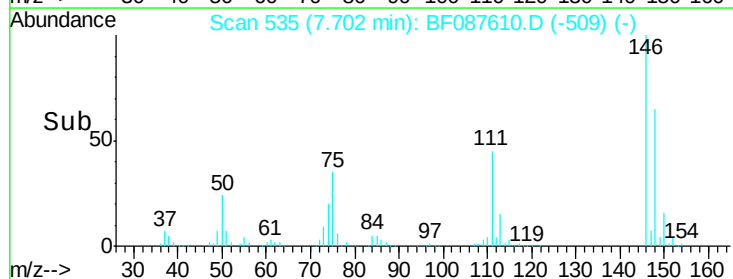
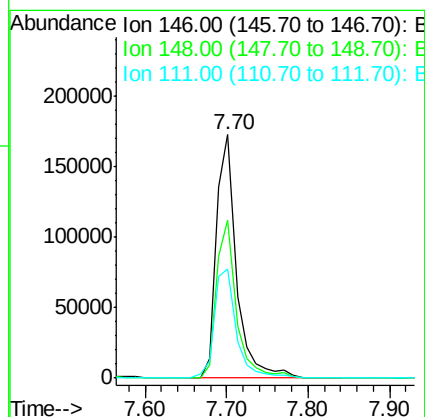
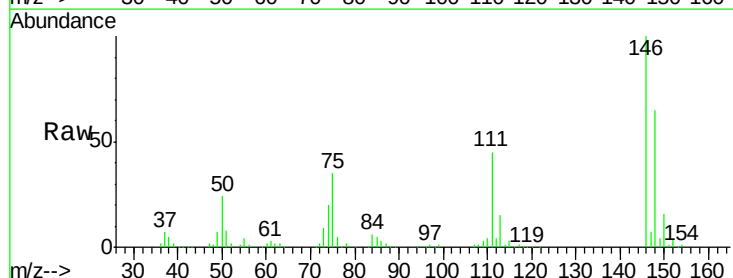
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

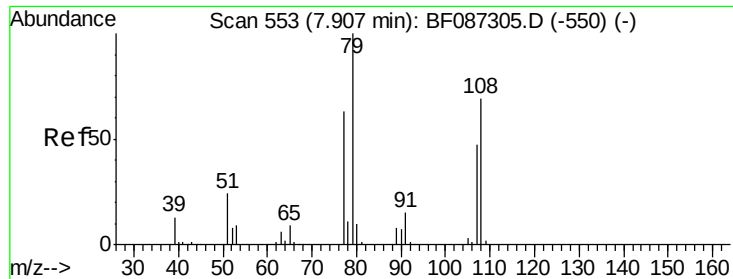
Tgt Ion:146 Resp: 260062
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.4
 111 44.8 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 33.65 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Tgt Ion:146 Resp: 296079
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.6
 111 44.8 36.2 54.4





#15

Benzyl Alcohol

Concen: 40.14 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

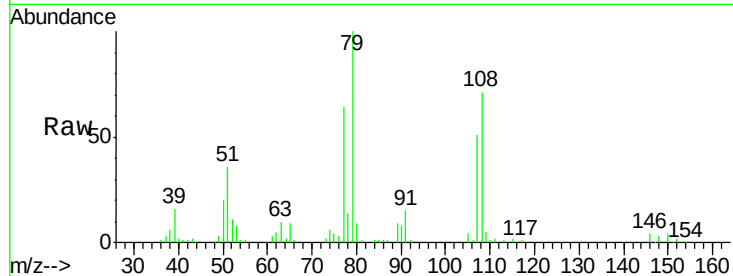
Tgt Ion: 79 Resp: 269369

Ion Ratio Lower Upper

79 100

108 71.0 68.4 102.6

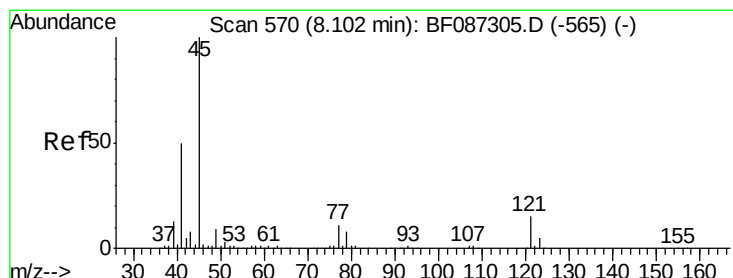
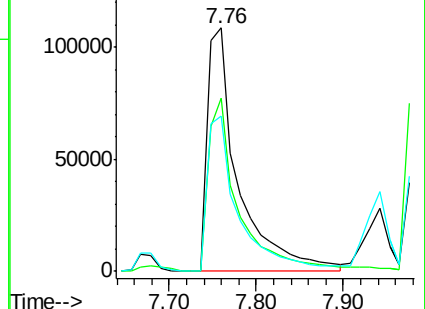
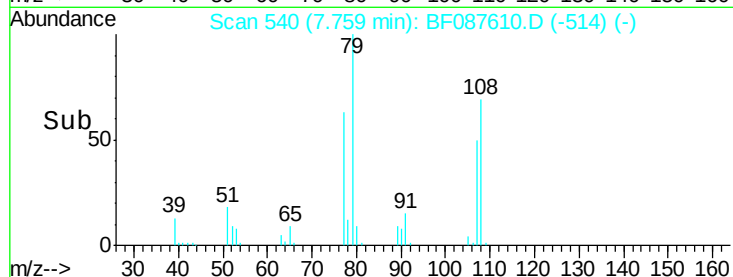
77 63.7 50.6 76.0



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: 31.41 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

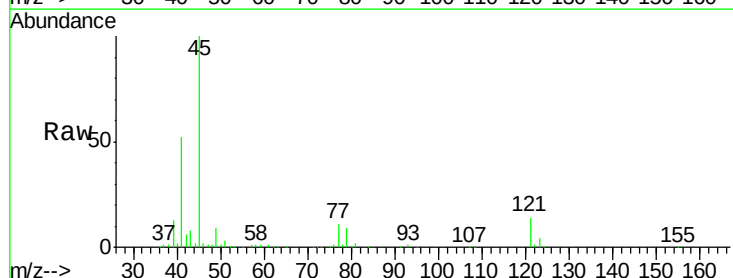
Tgt Ion: 45 Resp: 574845

Ion Ratio Lower Upper

45 100

77 10.8 0.0 36.4

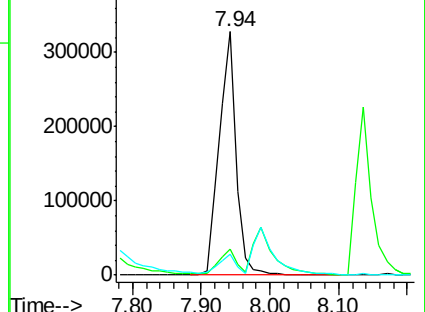
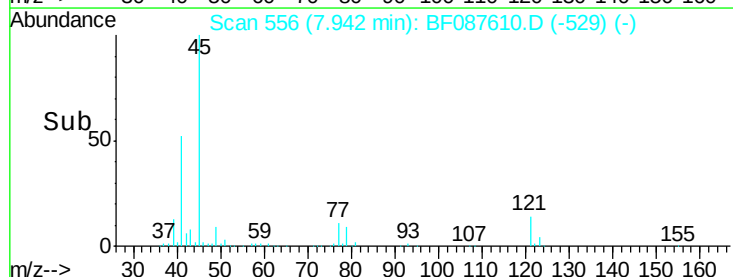
79 8.7 0.0 33.4

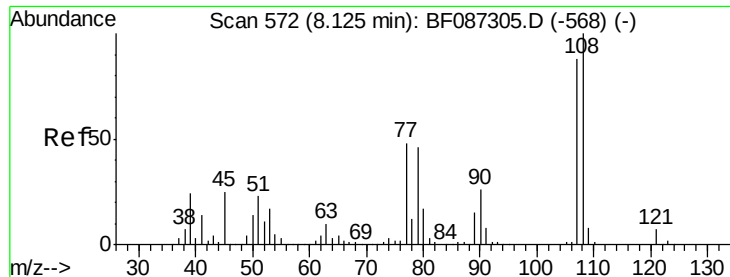


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

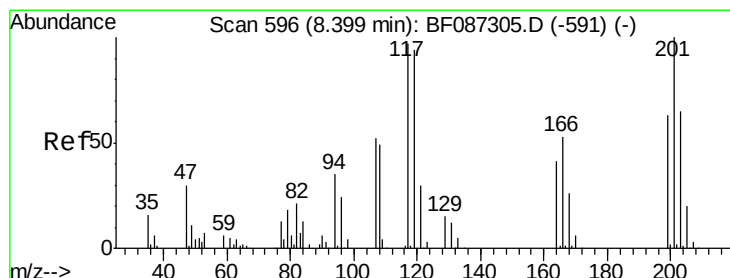
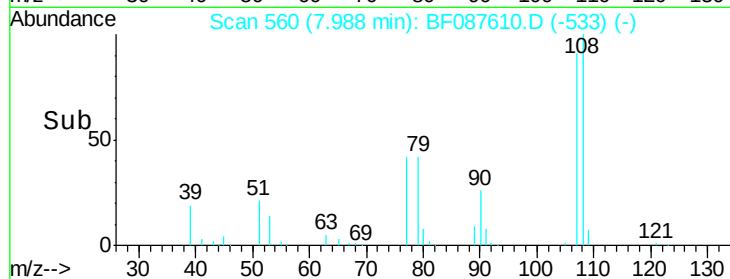
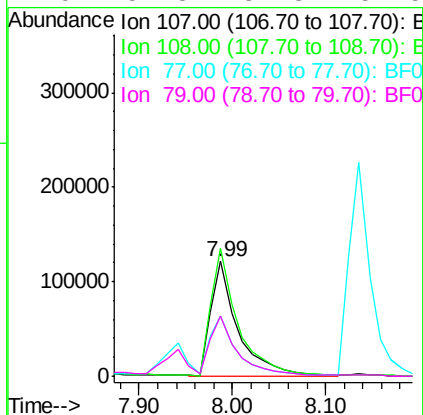
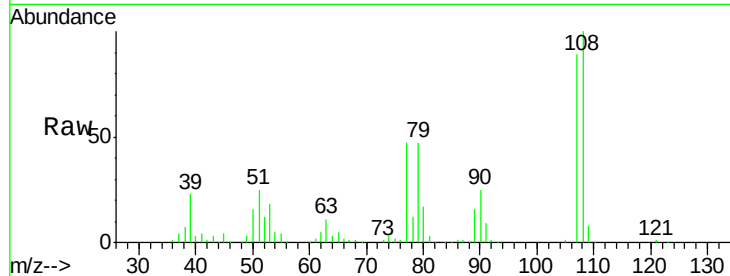




#17
2-Methylphenol
Concen: 36.18 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

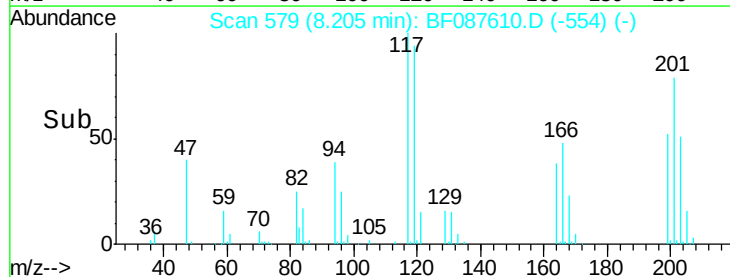
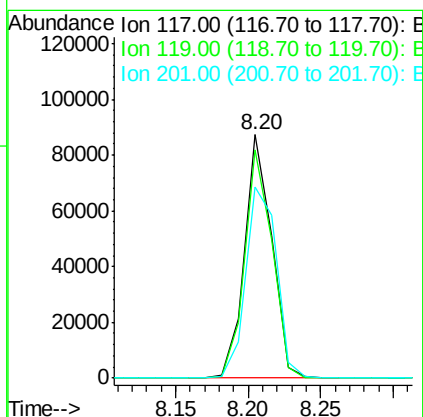
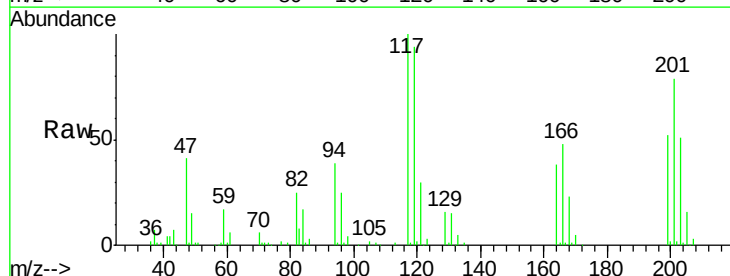
Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

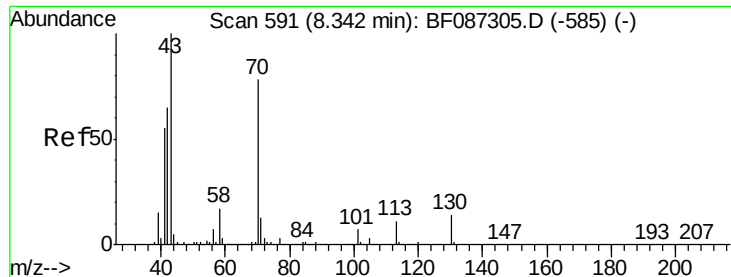
Tgt Ion:107 Resp: 246287
Ion Ratio Lower Upper
107 100
108 111.8 93.7 140.5
77 52.7 33.4 50.0#
79 52.3 34.3 51.5#



#18
Hexachloroethane
Concen: 31.93 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Tgt Ion:117 Resp: 113319
Ion Ratio Lower Upper
117 100
119 93.8 76.5 114.7
201 78.8 63.0 94.6

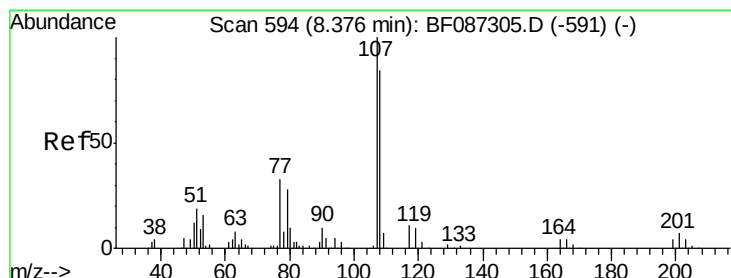
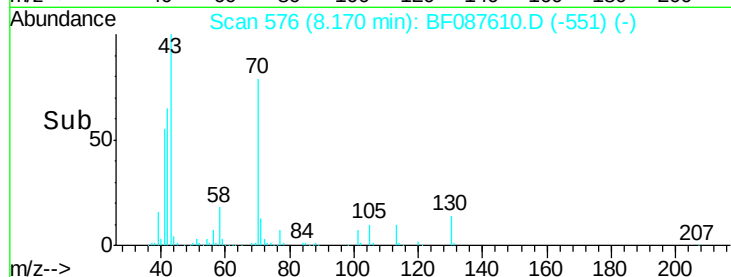
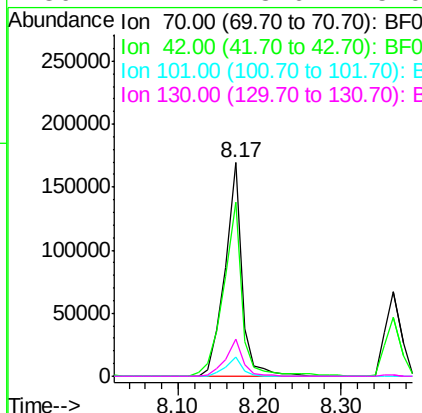
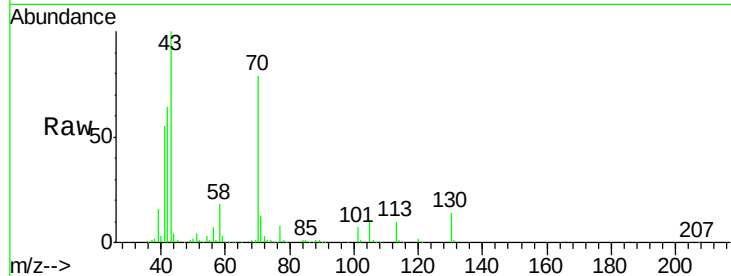




#19
n-Nitroso-di-n-propylamine
Concen: 35.78 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

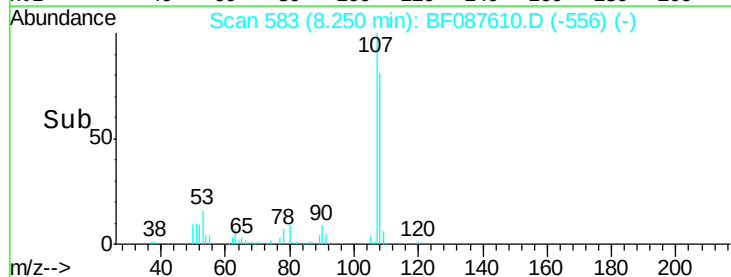
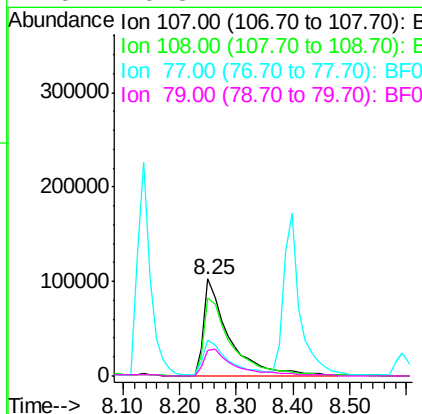
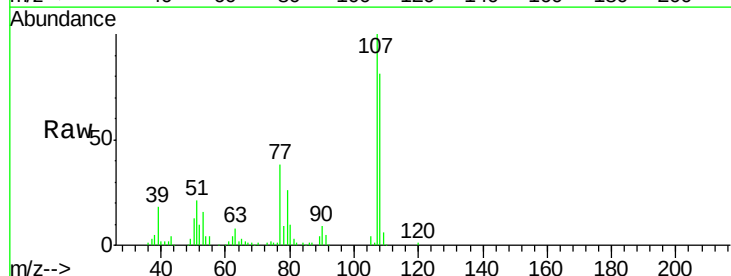
Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

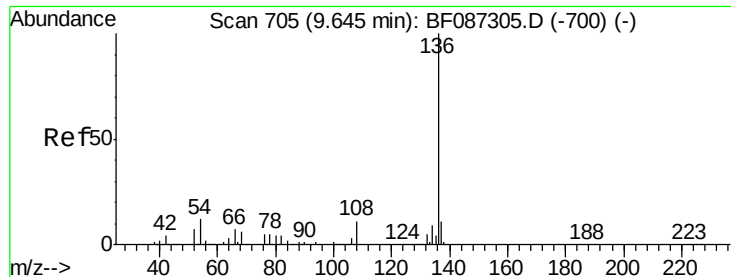
Tgt Ion	Ratio	Lower	Upper
70	100		
42	81.7	43.1	64.7#
101	9.1	8.1	12.1
130	17.7	18.6	28.0#



#20
3+4-Methylphenols
Concen: 37.71 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.1	68.5	108.5
77	37.6	101.6	141.6#
79	26.3	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

Tgt Ion:136 Resp: 496485

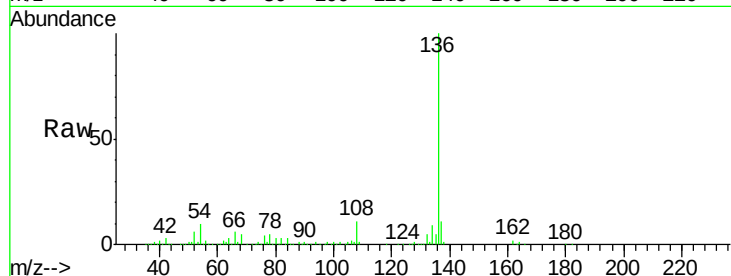
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.2 5.0 7.4#

68 4.9 4.4 6.6

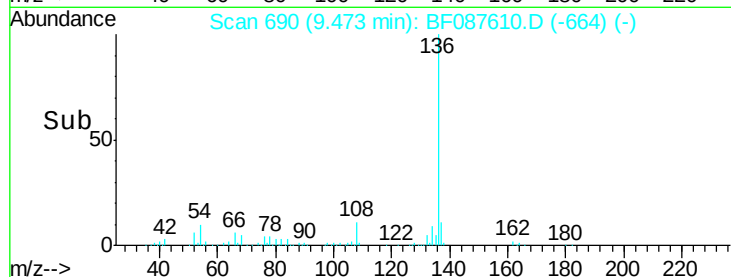


Abundance Ion 136.00 (135.70 to 136.70): E

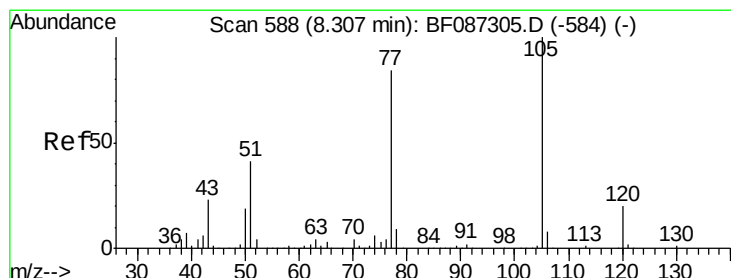
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 35.91 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Tgt Ion:105 Resp: 425957

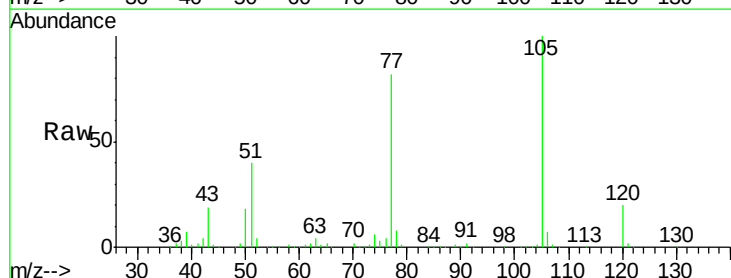
Ion Ratio Lower Upper

105 100

71 0.4 4.8 7.2#

51 40.2 32.6 49.0

120 20.1 16.5 24.7

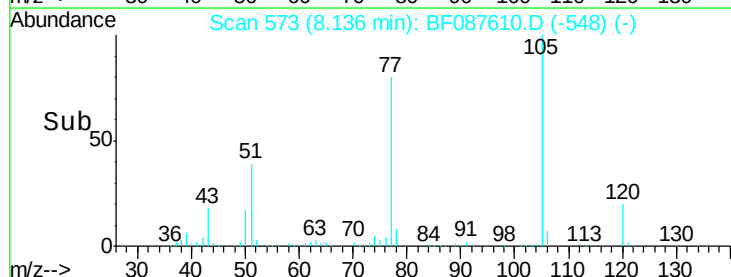


Abundance Ion 105.00 (104.70 to 105.70): E

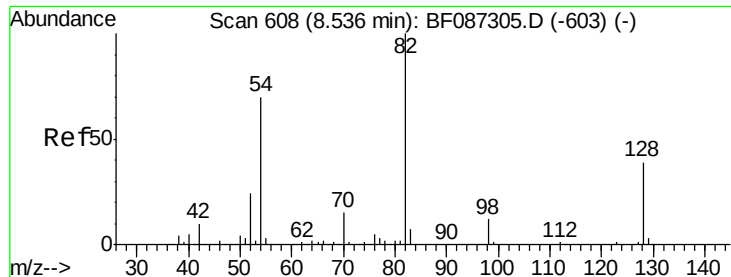
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



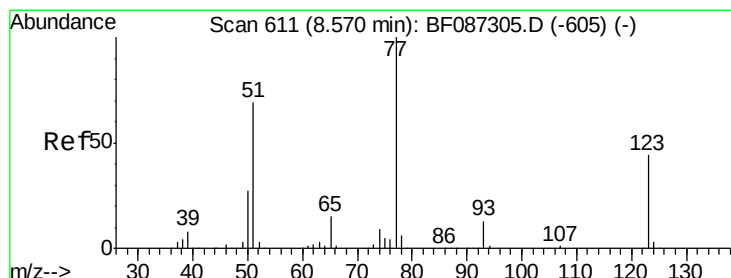
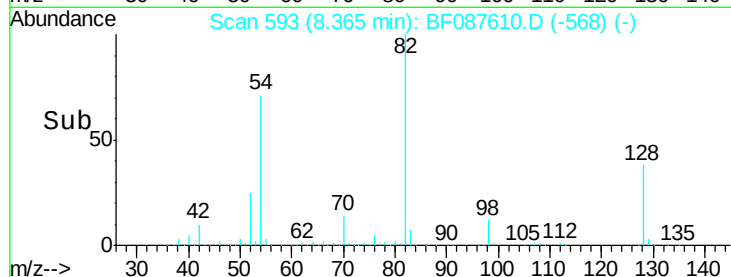
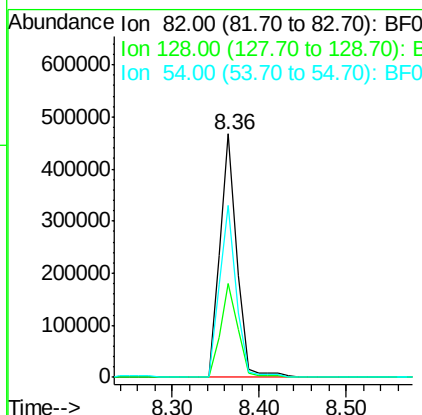
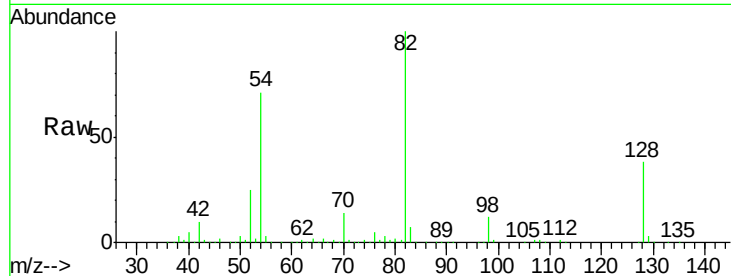
Time-->



#23
 Nitrobenzene-d5
 Concen: 65.70 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

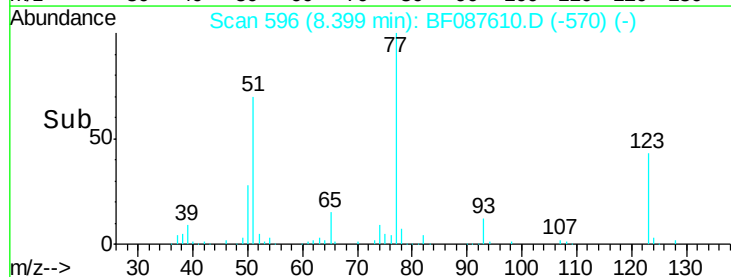
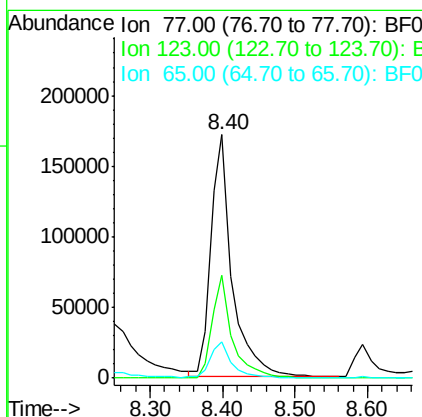
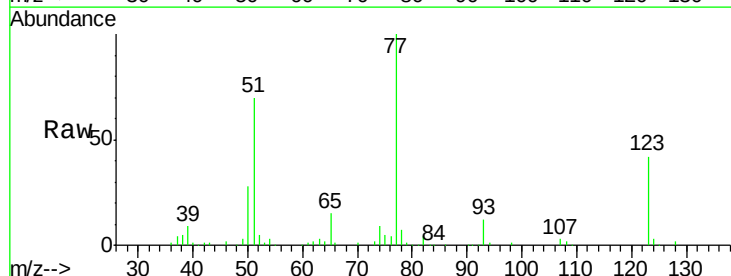
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

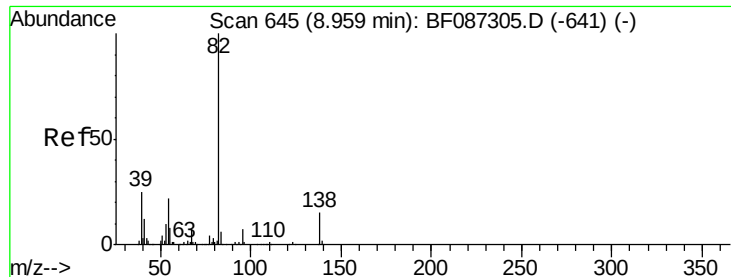
Tgt Ion: 82 Resp: 647198
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 70.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 33.13 ng
 RT: 8.40 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Tgt Ion: 77 Resp: 344507
 Ion Ratio Lower Upper
 77 100
 123 42.3 33.0 49.4
 65 14.8 10.8 16.2





#25

Isophorone

Concen: 33.83 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

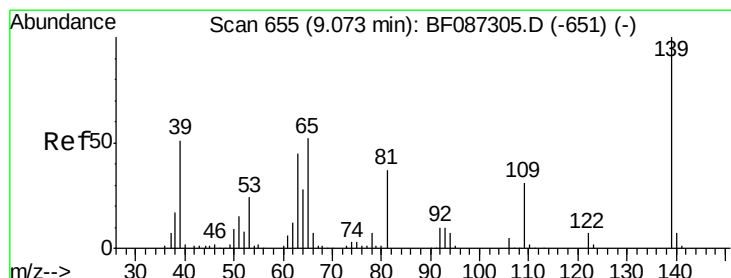
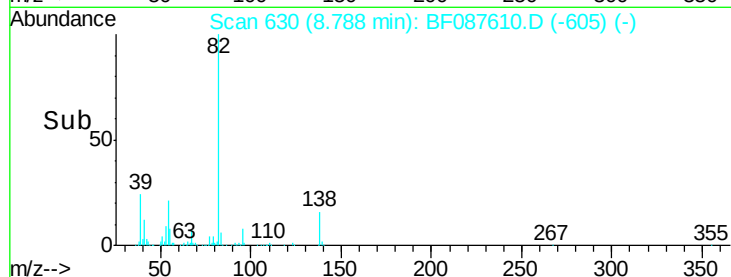
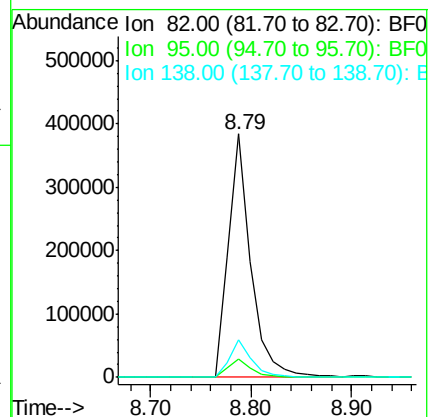
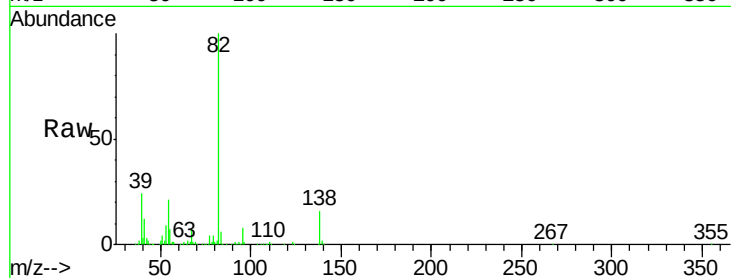
Tgt Ion: 82 Resp: 597728

Ion Ratio Lower Upper

82 100

95 7.7 5.1 7.7

138 15.7 12.4 18.6



#26

2-Nitrophenol

Concen: 34.56 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

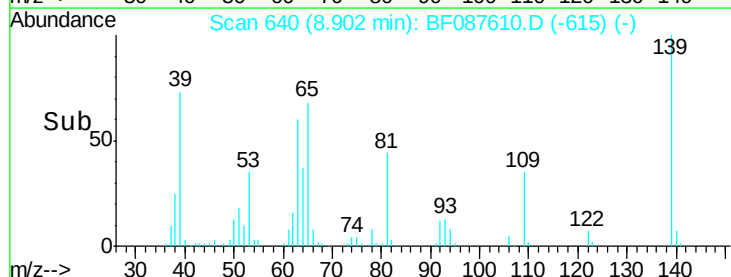
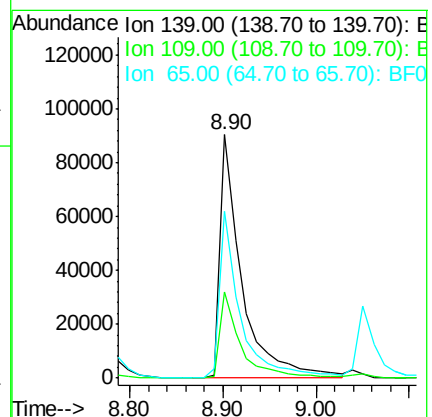
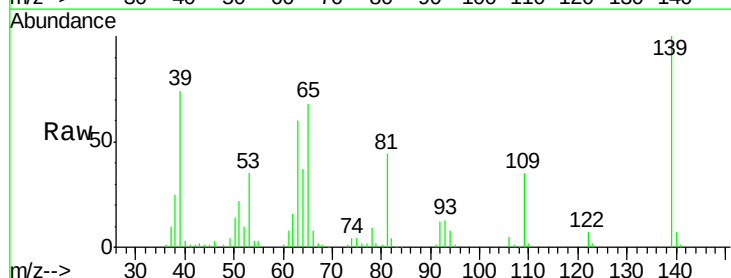
Tgt Ion: 139 Resp: 146890

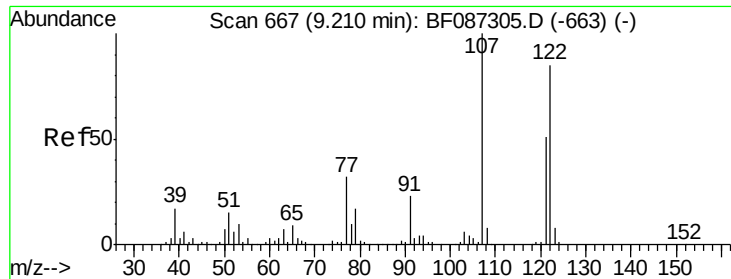
Ion Ratio Lower Upper

139 100

109 35.2 19.5 29.3#

65 68.3 37.5 56.3#

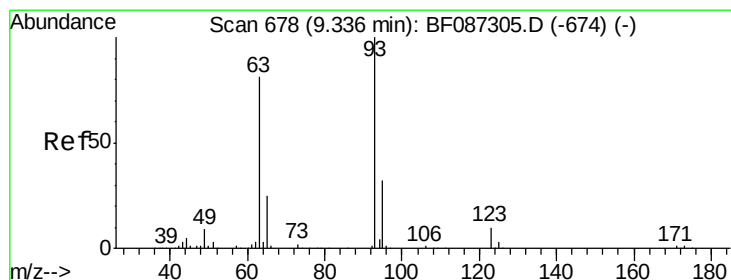
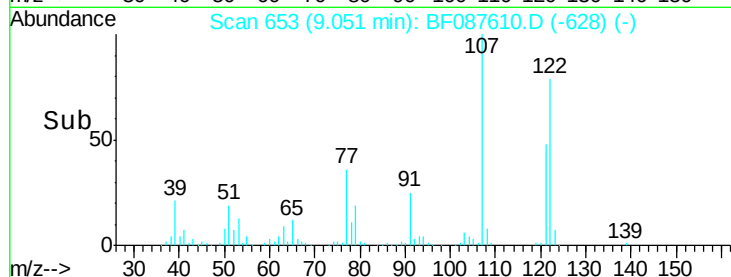
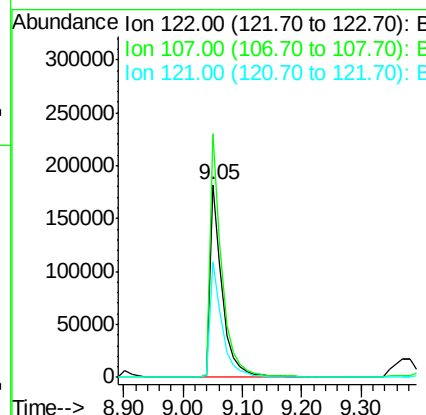
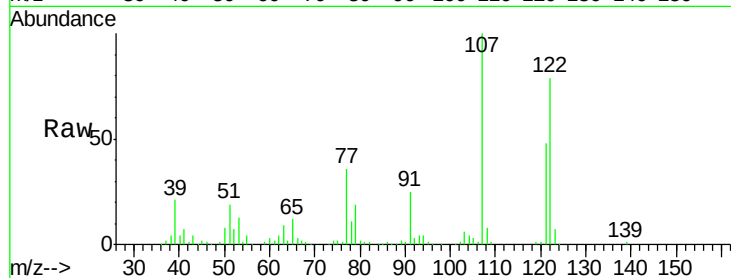




#27
2,4-Dimethylphenol
Concen: 35.24 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

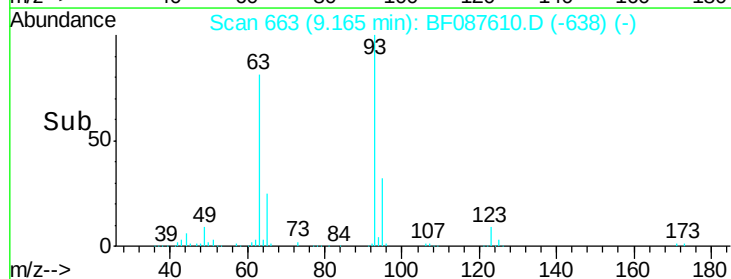
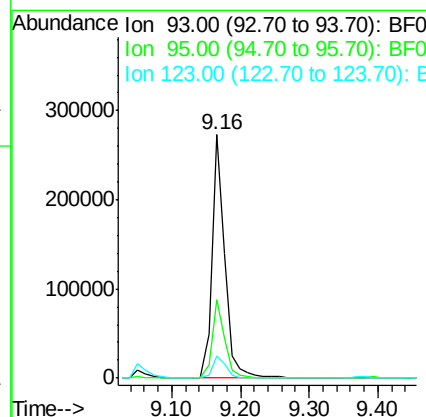
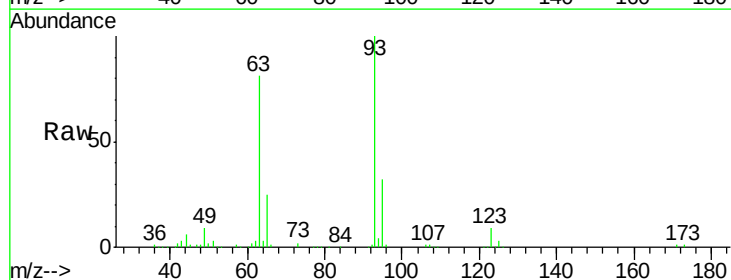
Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

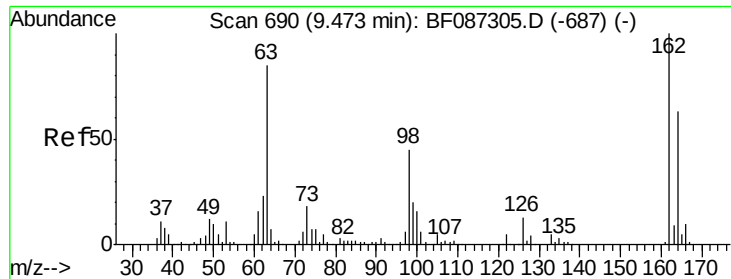
Tgt Ion:122 Resp: 260027
Ion Ratio Lower Upper
122 100
107 126.5 82.0 123.0#
121 60.3 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 35.49 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Tgt Ion: 93 Resp: 353208
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 9.3 9.5 14.3#

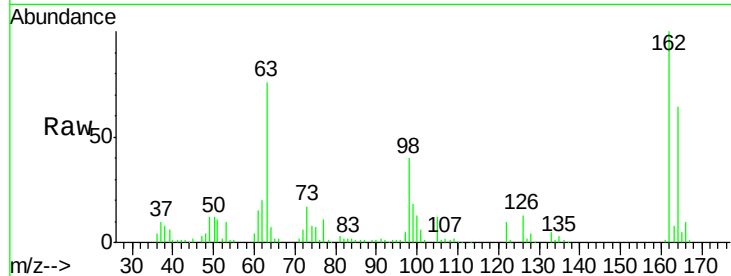




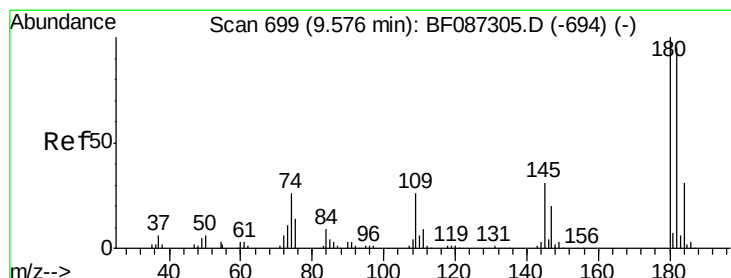
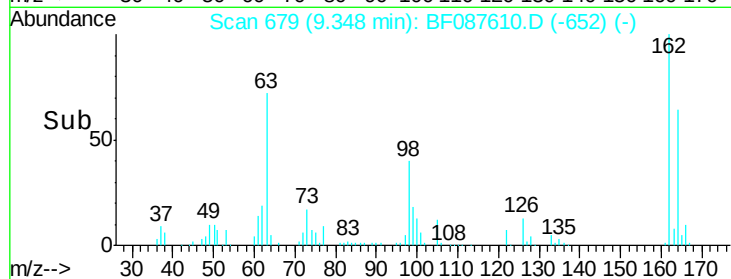
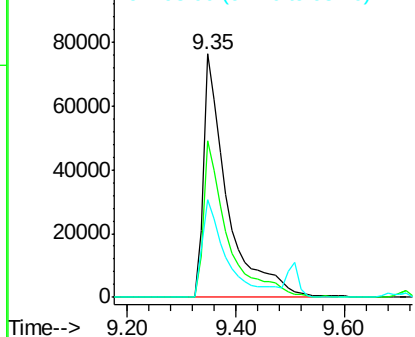
#29
 2,4-Dichlorophenol
 Concen: 34.77 ng
 RT: 9.35 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.2	82.2
98	40.3	19.0	59.0

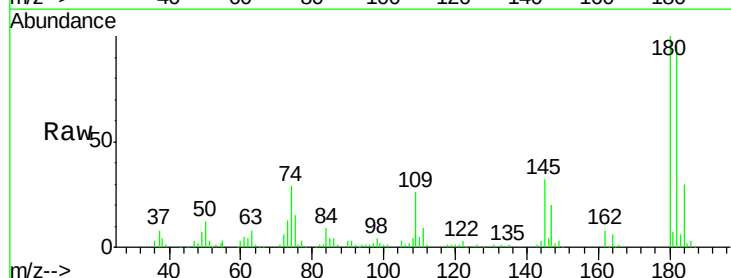


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

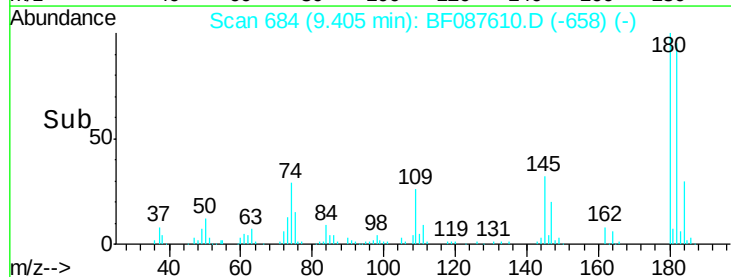
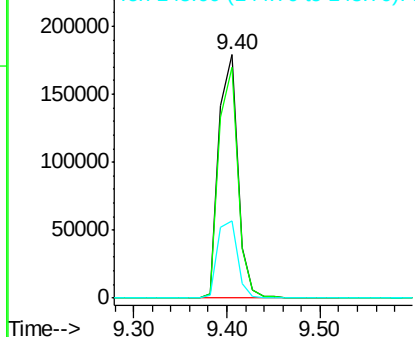


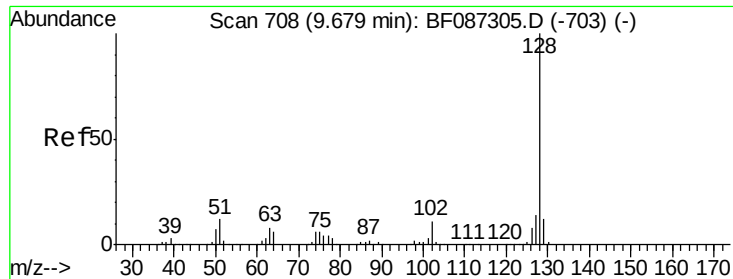
#30
 1,2,4-Trichlorobenzene
 Concen: 33.41 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	78.0	117.0
145	31.8	24.2	36.2



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

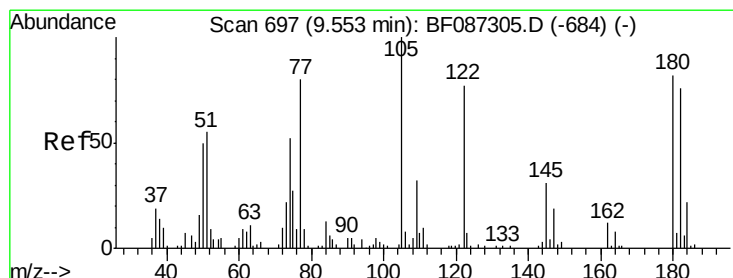
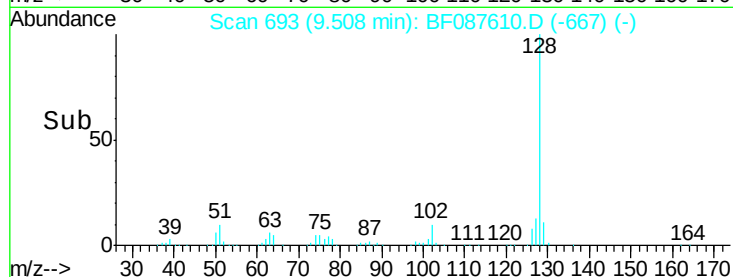
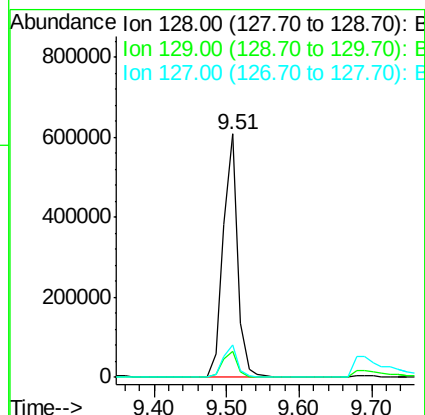
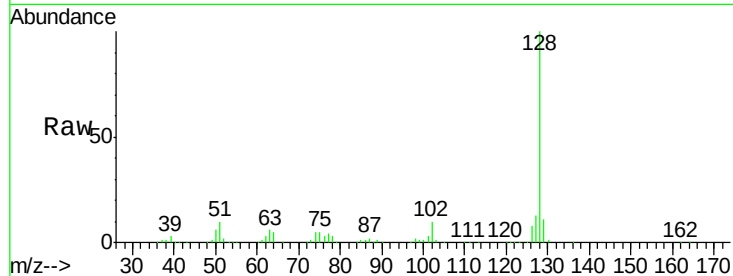




#31
Naphthalene
Concen: 33.63 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

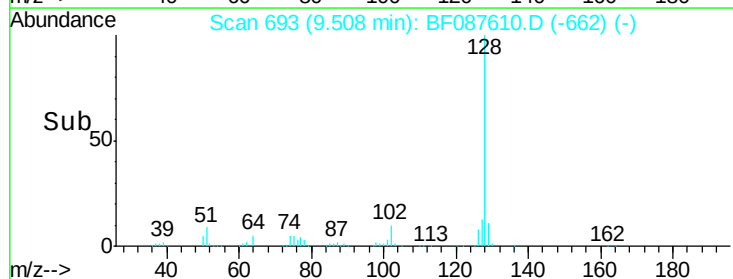
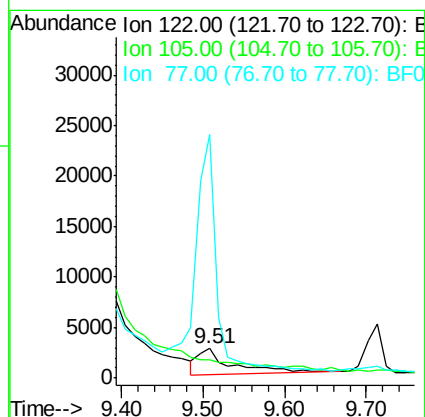
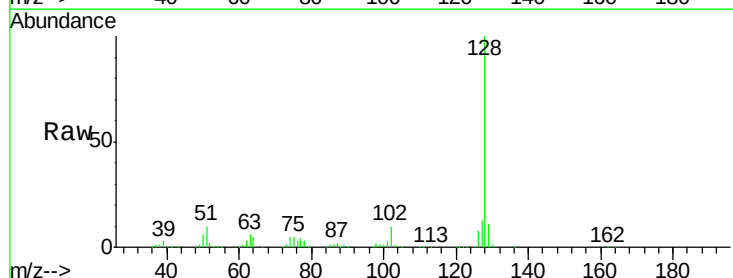
Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

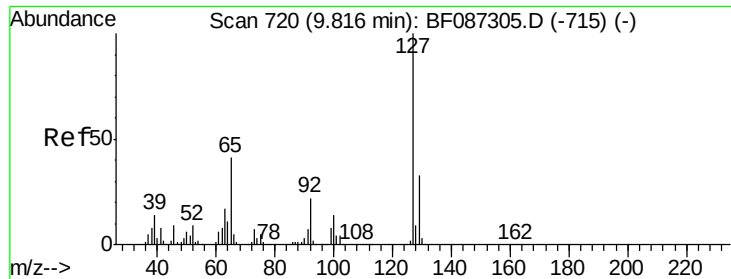
Tgt Ion:128 Resp: 836561
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 7.61 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.06 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Tgt Ion:122 Resp: 7708
Ion Ratio Lower Upper
122 100
105 59.9 92.6 132.6#
77 820.1 60.0 100.0#

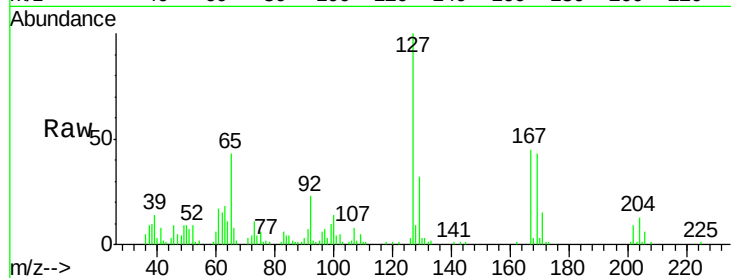




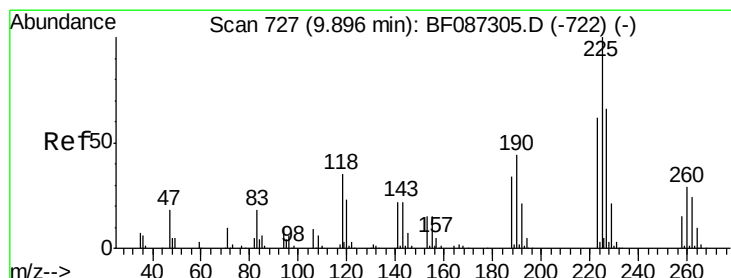
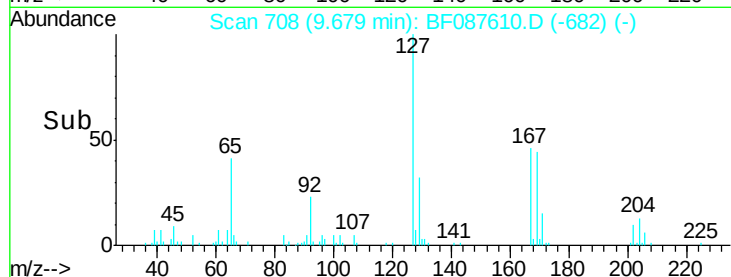
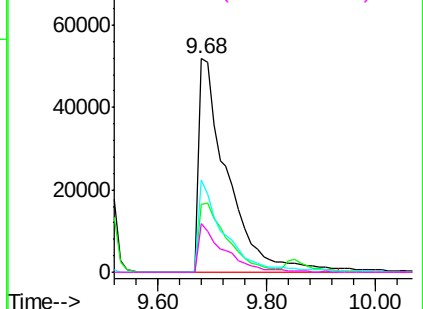
#33
4-Chloroaniline
Concen: 20.67 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

Tgt Ion:	127	Resp:	189383
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	43.0	23.0	34.4#
92	23.0	15.1	22.7#

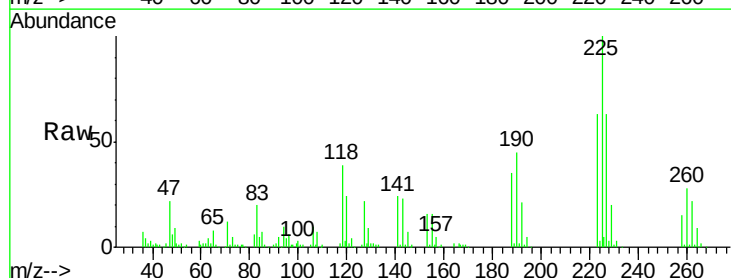


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

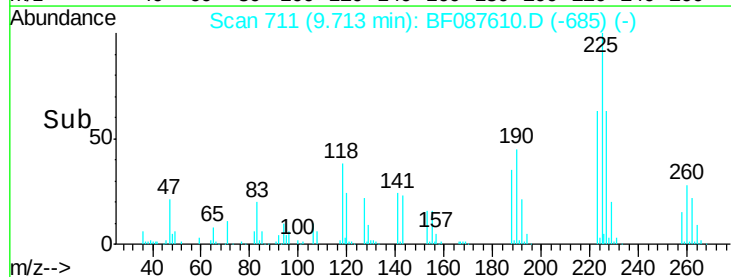
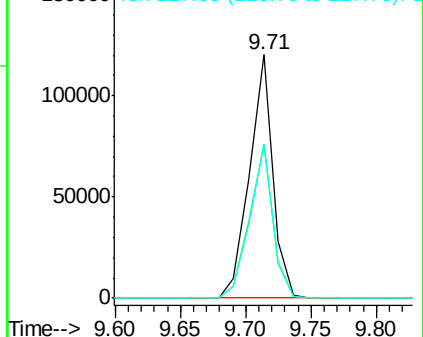


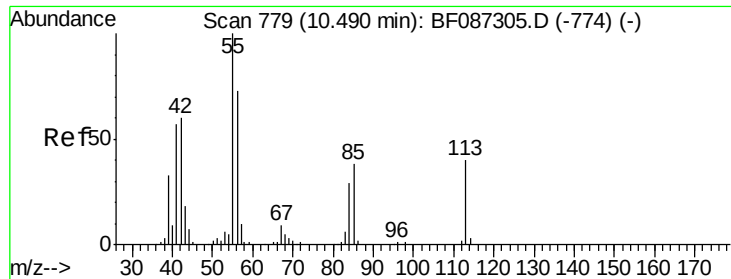
#34
Hexachlorobutadiene
Concen: 32.36 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Tgt Ion:	225	Resp:	149738
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.5	77.3
227	63.0	52.2	78.2



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

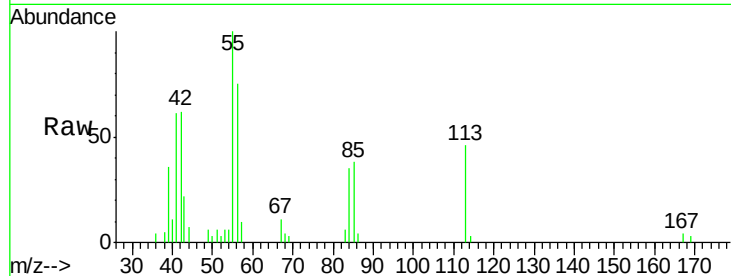




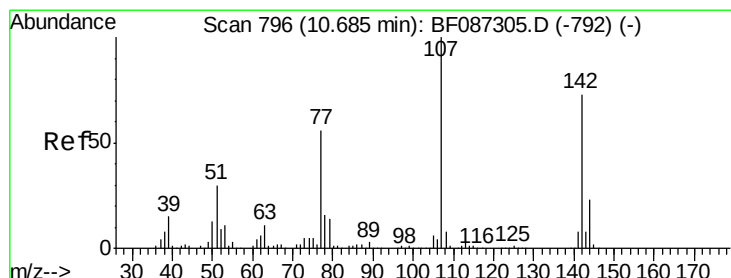
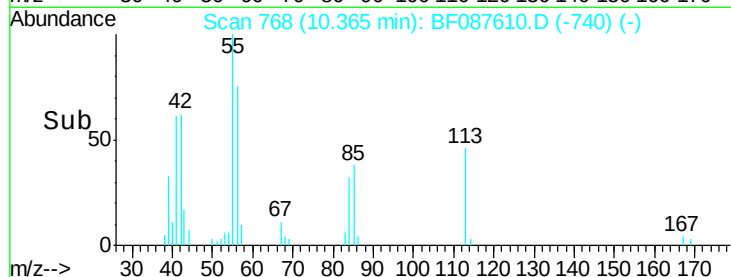
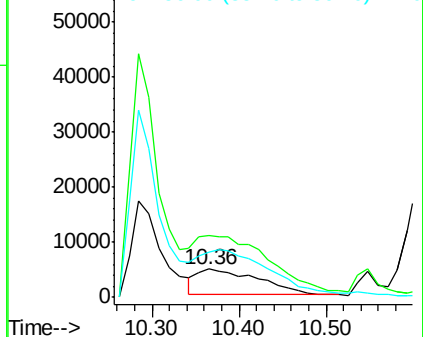
#35
 Caprolactam
 Concen: 12.19 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.02 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

Tgt Ion:113 Resp: 23654
 Ion Ratio Lower Upper
 113 100
 55 216.4 162.0 202.0#
 56 161.5 115.3 155.3#

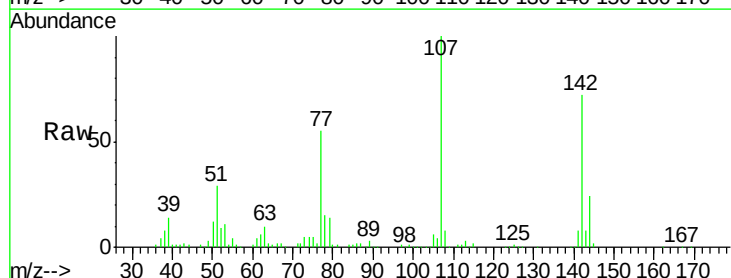


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

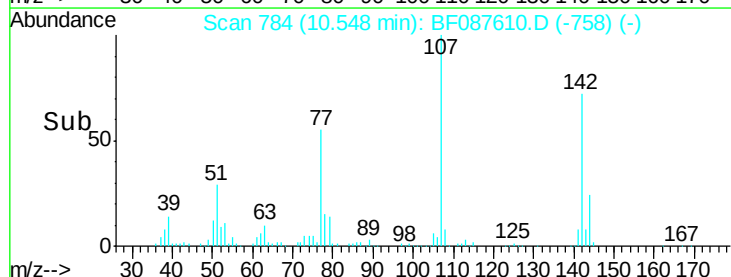
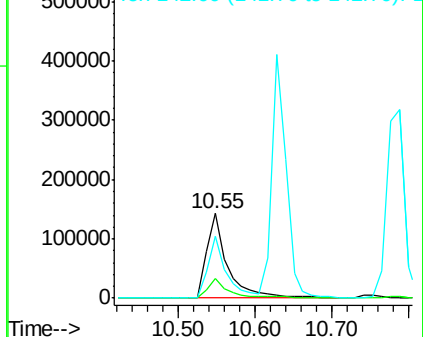


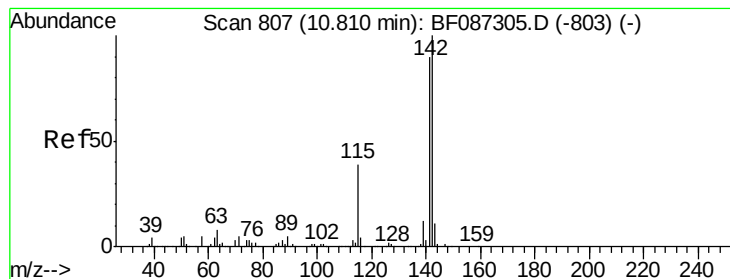
#36
 4-Chloro-3-methylphenol
 Concen: 35.09 ng
 RT: 10.55 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Tgt Ion:107 Resp: 263850
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.7 31.1
 142 72.5 63.2 94.8



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: 32.30 ng

RT: 10.79 min Scan# 805

Delta R.T. 0.15 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

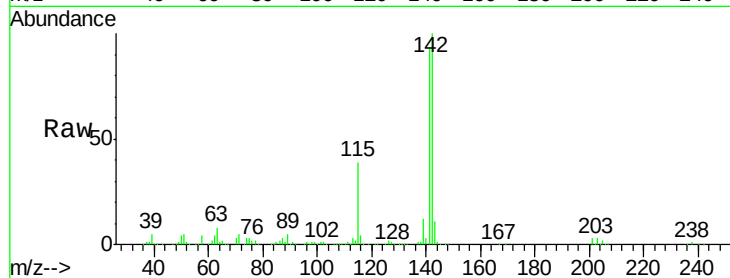
Tgt Ion:142 Resp: 502073

Ion Ratio Lower Upper

142 100

141 92.6 71.0 106.6

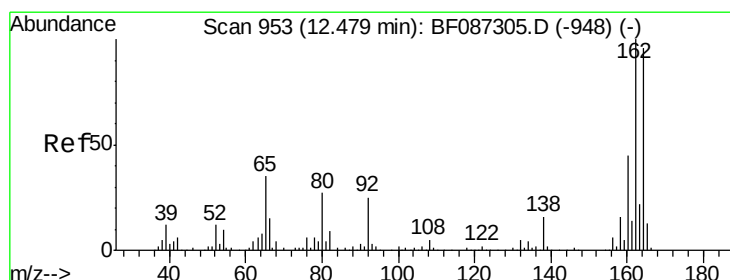
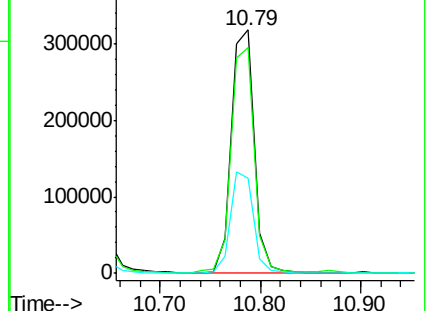
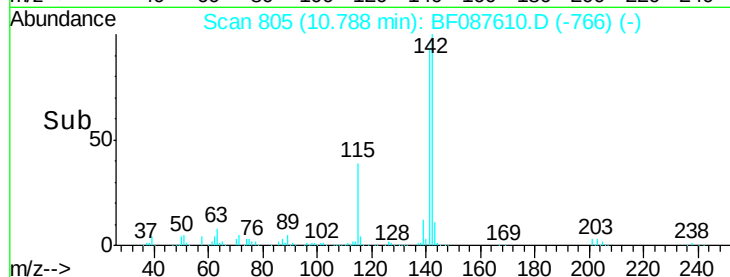
115 39.1 26.6 39.8



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: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

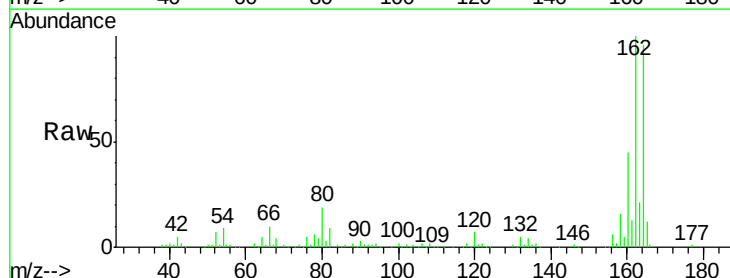
Tgt Ion:164 Resp: 221106

Ion Ratio Lower Upper

164 100

162 104.3 82.8 124.2

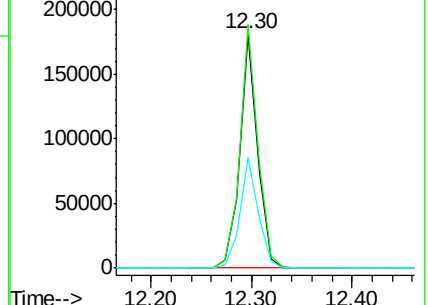
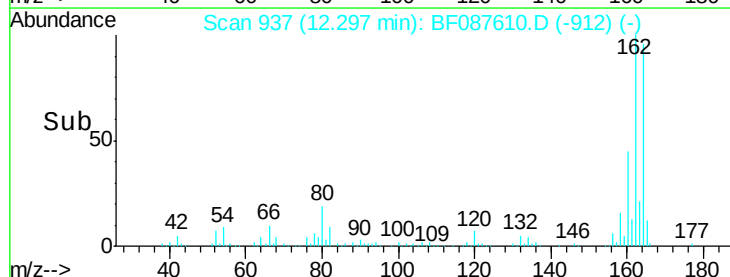
160 47.1 36.9 55.3

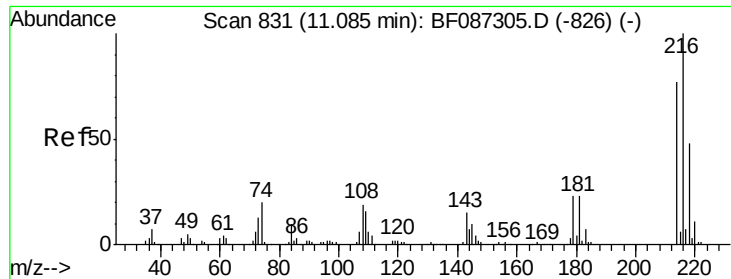


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

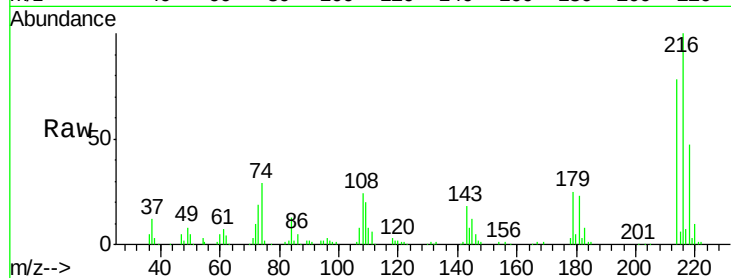




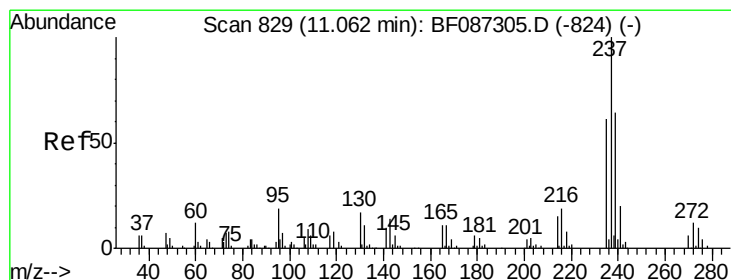
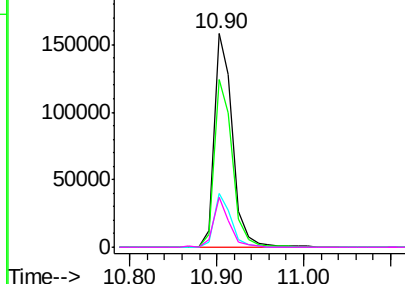
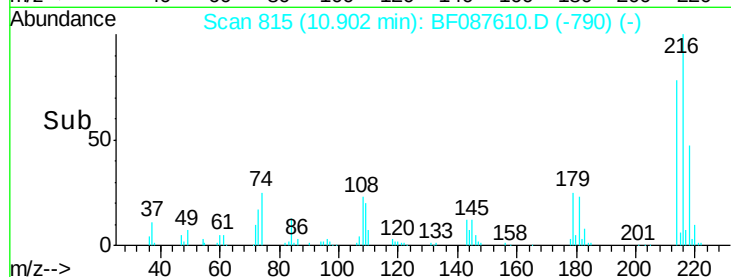
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.98 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

Tgt Ion: 216 Resp: 233432
 Ion Ratio Lower Upper
 216 100
 214 77.7 62.6 93.8
 179 23.5 18.2 27.4
 108 21.0 17.5 26.3

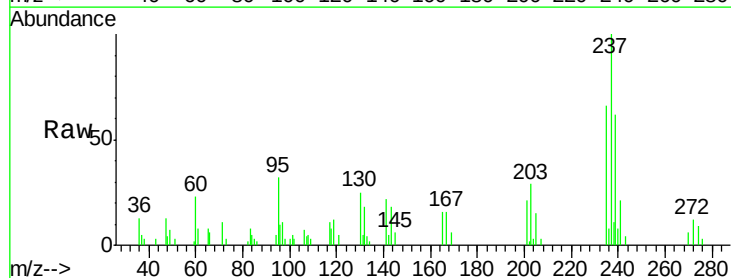


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

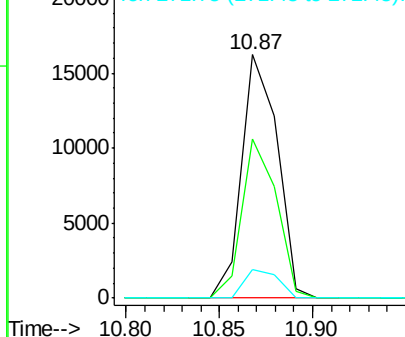
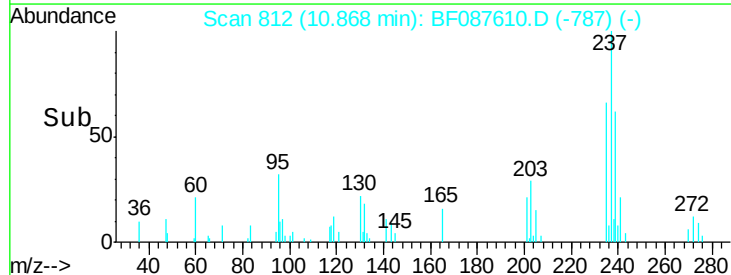


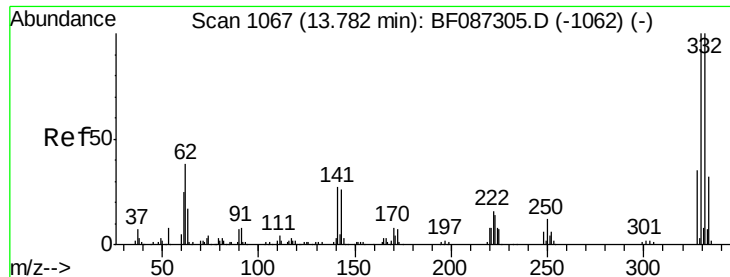
#40
 Hexachlorocyclopentadiene
 Concen: 15.99 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Tgt Ion: 237 Resp: 21566
 Ion Ratio Lower Upper
 237 100
 235 65.6 47.2 87.2
 272 11.6 0.0 31.1



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

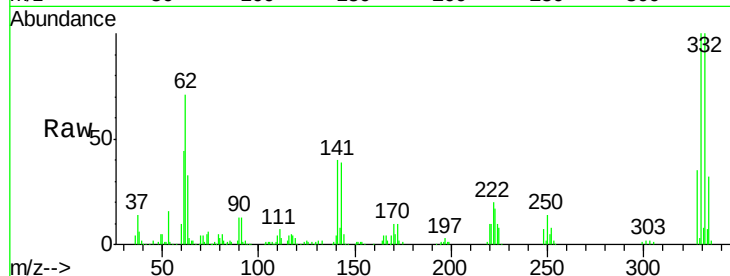




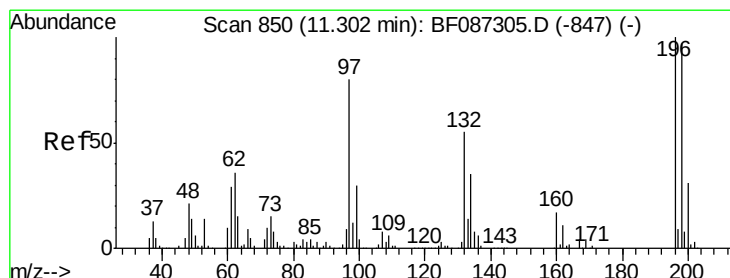
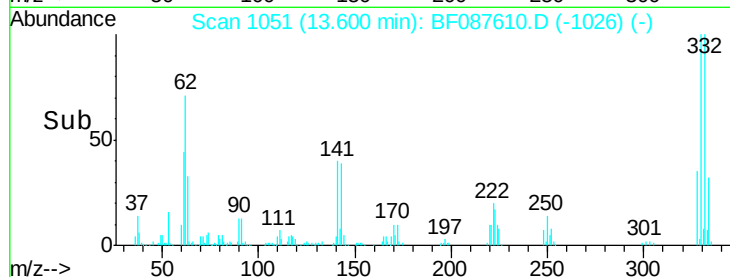
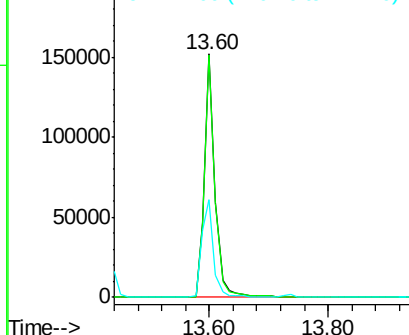
#41
 2,4,6-Tribromophenol
 Concen: 91.40 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

Tgt Ion:330 Resp: 194212
 Ion Ratio Lower Upper
 330 100
 332 98.9 79.0 118.4
 141 44.7 31.2 46.8

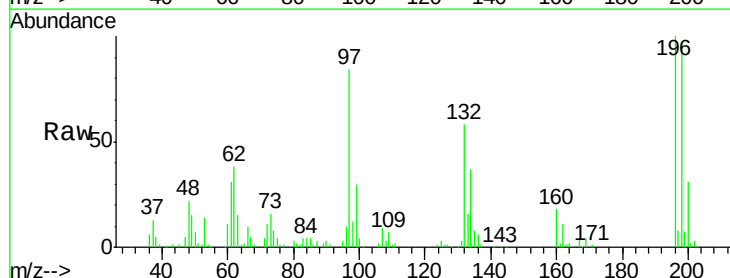


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

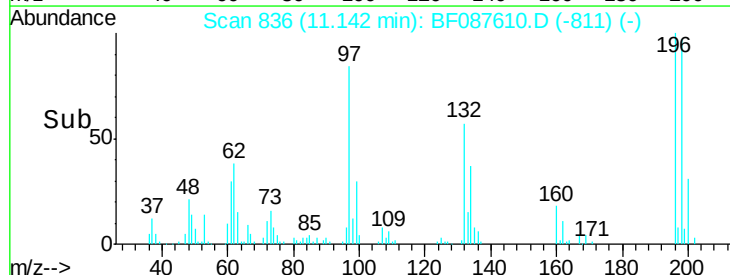
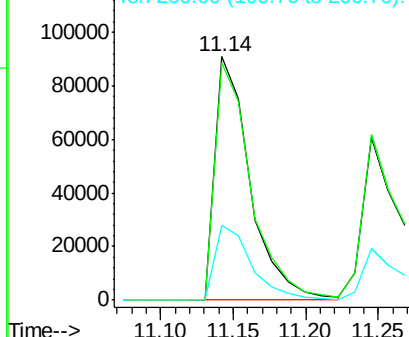


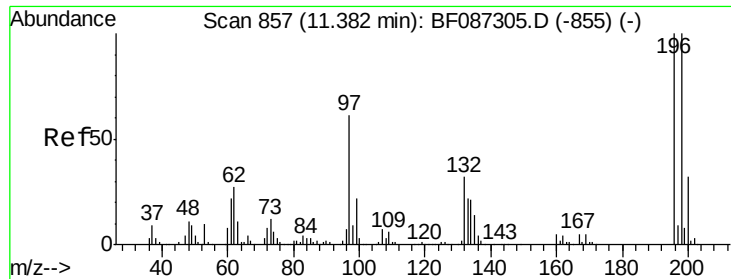
#42
 2,4,6-Trichlorophenol
 Concen: 37.39 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Tgt Ion:196 Resp: 152749
 Ion Ratio Lower Upper
 196 100
 198 97.4 74.7 112.1
 200 30.7 23.8 35.6



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

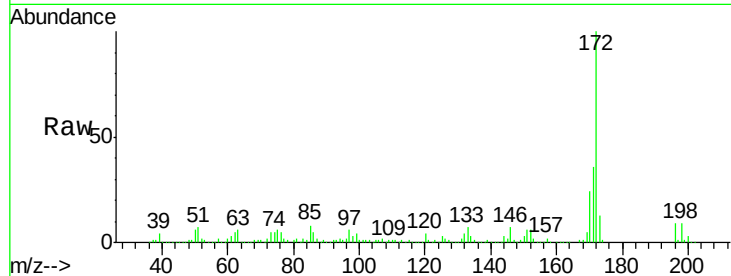




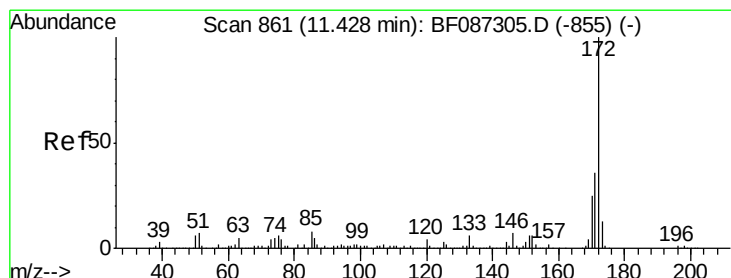
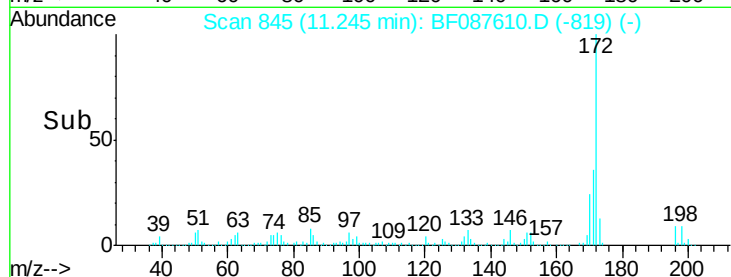
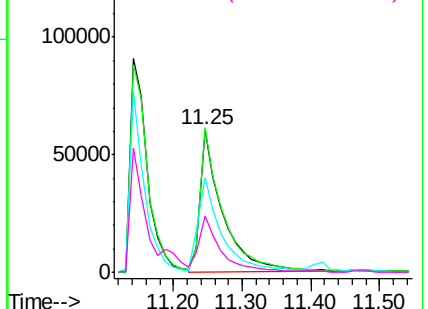
#43
 2,4,5-Trichlorophenol
 Concen: 32.52 ng
 RT: 11.25 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.8	77.5	116.3
97	66.2	34.8	52.2#
132	39.8	23.0	34.4#

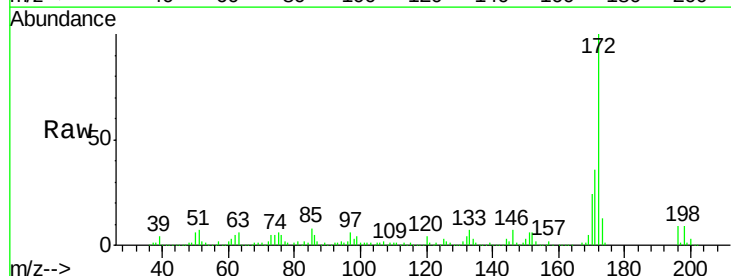


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

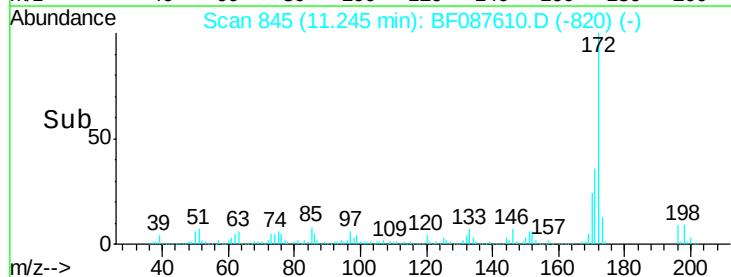
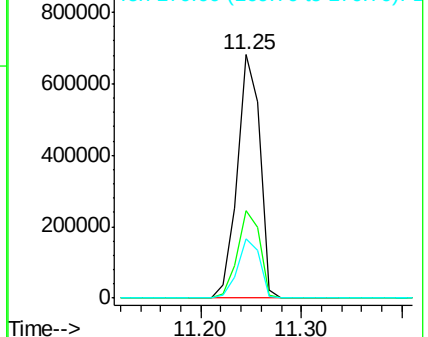


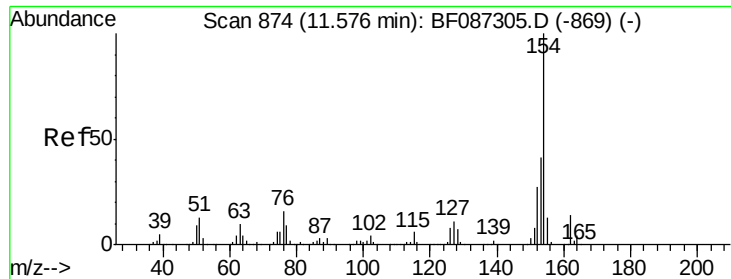
#44
 2-Fluorobiphenyl
 Concen: 67.58 ng
 RT: 11.25 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.2	19.8	29.8



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

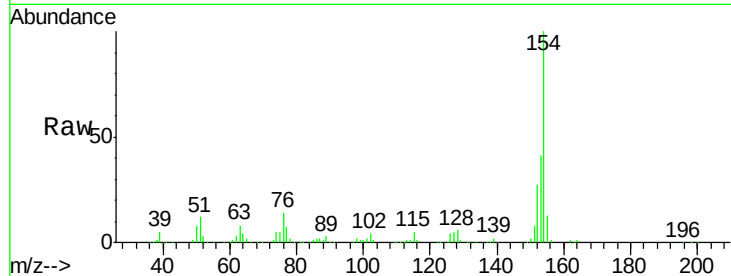




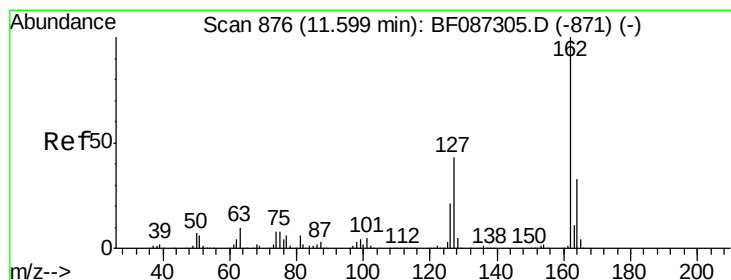
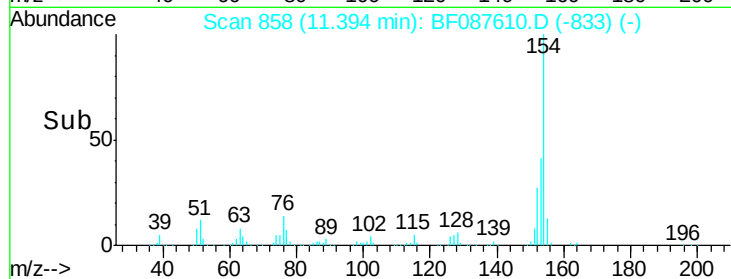
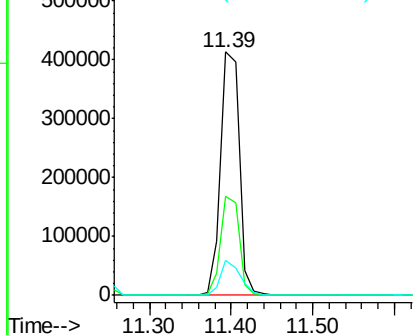
#45
 1,1'-Biphenyl
 Concen: 35.49 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

Tgt Ion:154 Resp: 660765
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.3 60.3
 76 14.3 0.0 30.2

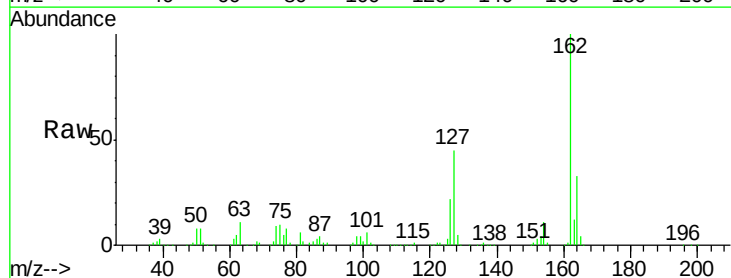


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

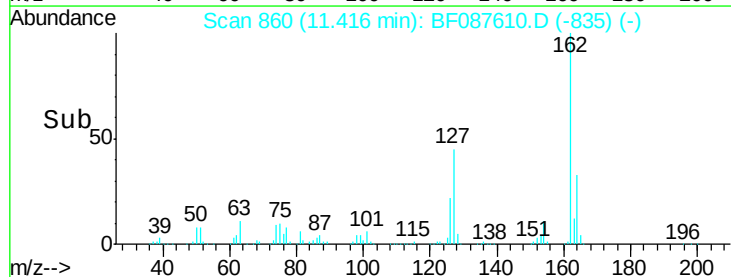
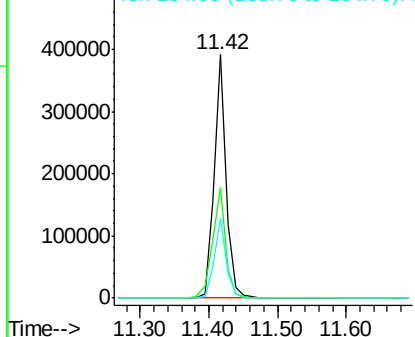


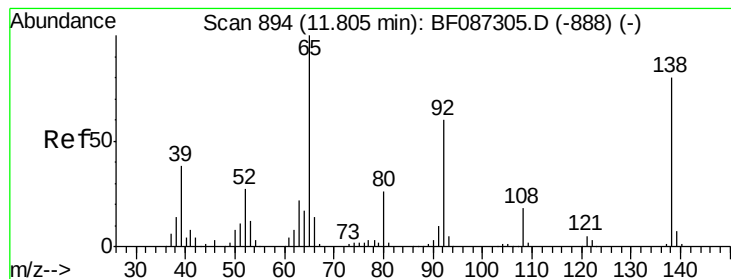
#46
 2-Chloronaphthalene
 Concen: 33.79 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Tgt Ion:162 Resp: 481306
 Ion Ratio Lower Upper
 162 100
 127 45.3 31.8 47.6
 164 33.0 27.0 40.6



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: 38.08 ng

RT: 11.65 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

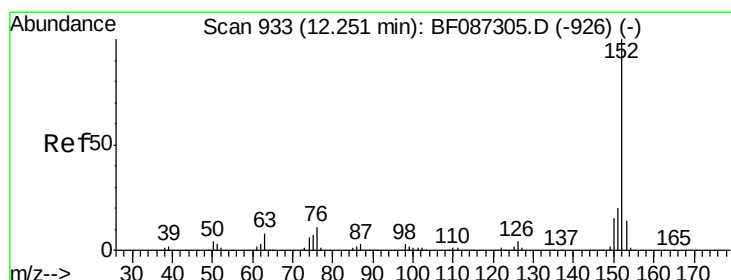
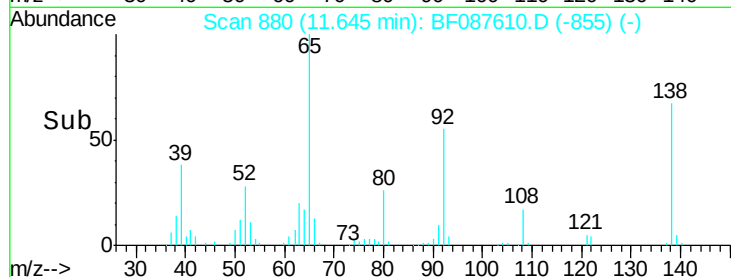
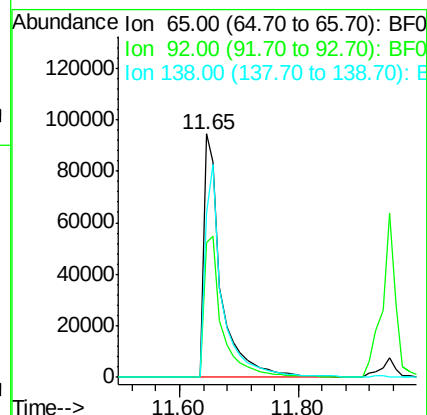
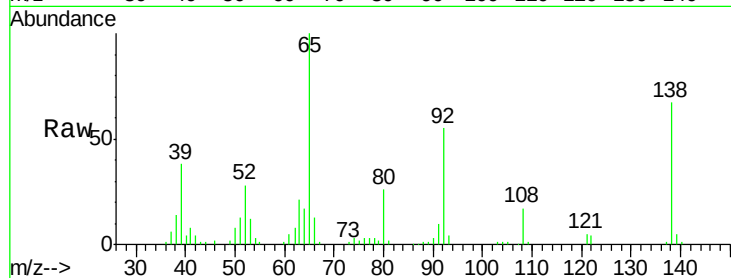
Tgt Ion: 65 Resp: 195401

Ion Ratio Lower Upper

65 100

92 55.5 57.4 86.2#

138 67.4 90.1 135.1#



#48

Acenaphthylene

Concen: 32.56 ng

RT: 12.07 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

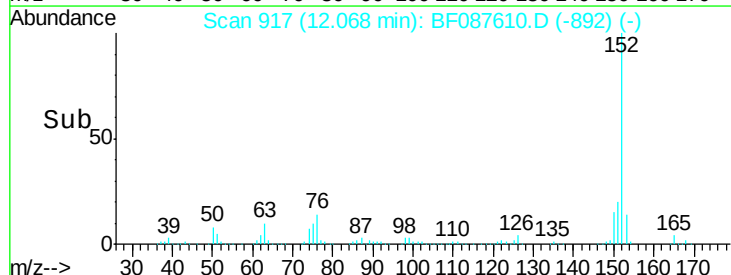
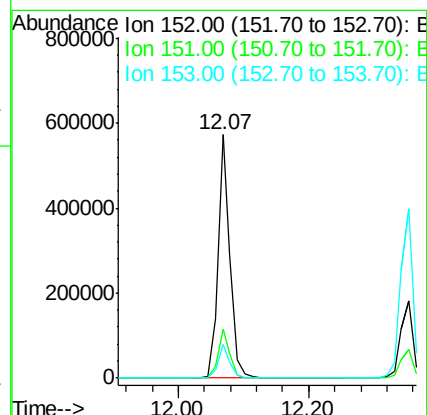
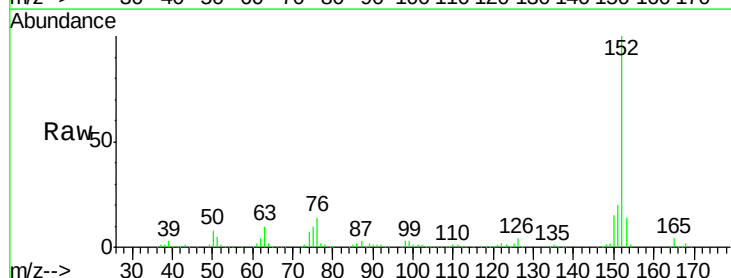
Tgt Ion: 152 Resp: 734193

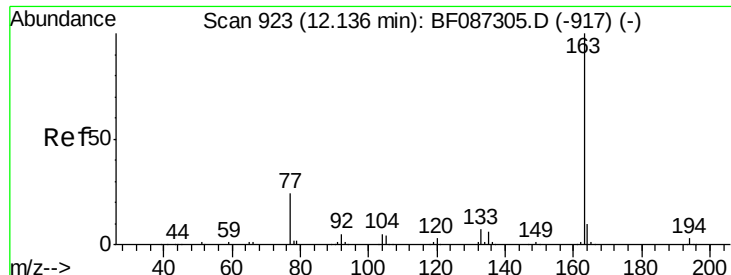
Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

153 13.8 10.9 16.3

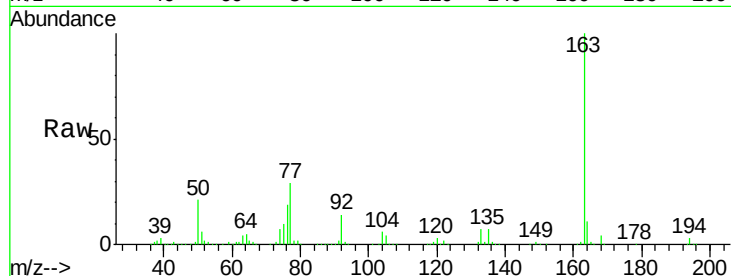




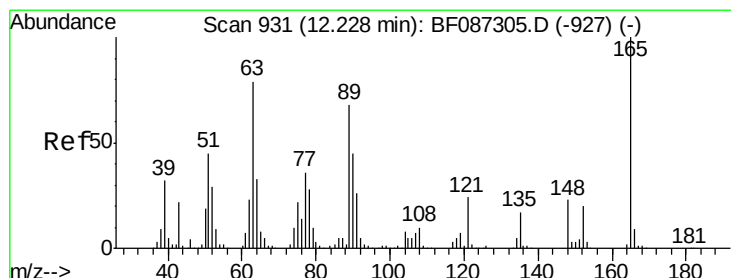
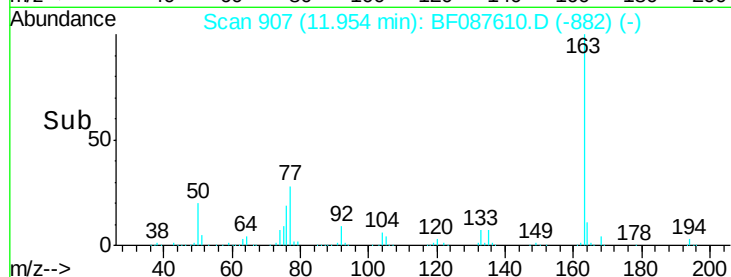
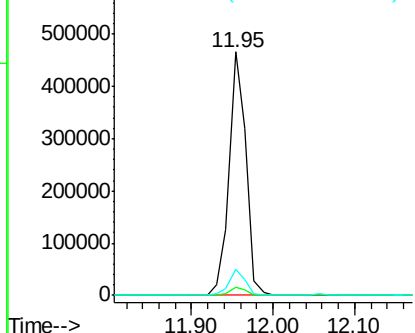
#49
Dimethylphthalate
Concen: 37.54 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

Tgt Ion:163 Resp: 664984
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.6 8.2 12.4

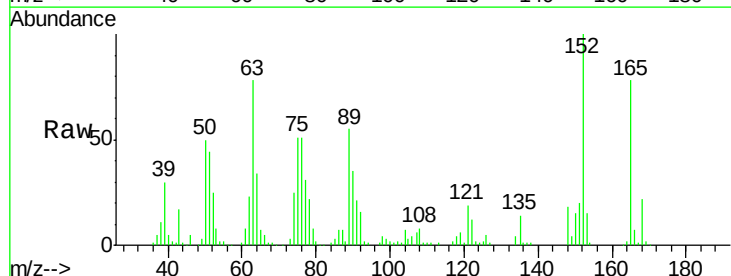


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

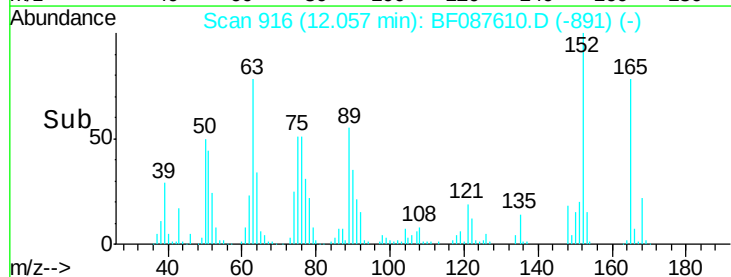
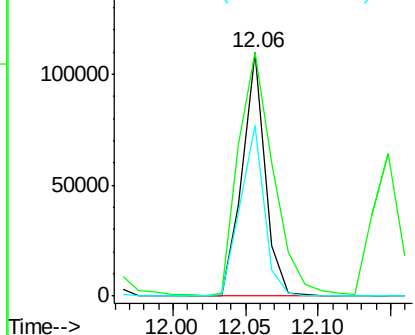


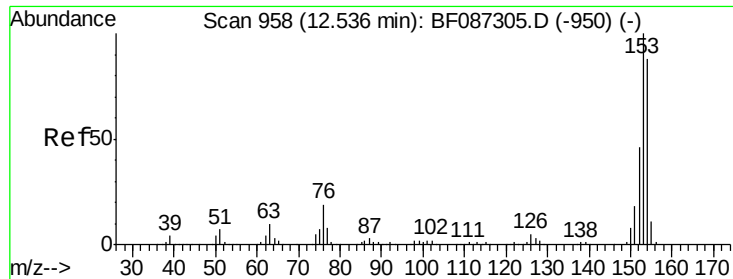
#50
2,6-Dinitrotoluene
Concen: 33.75 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Tgt Ion:165 Resp: 120453
Ion Ratio Lower Upper
165 100
63 100.1 51.8 77.8#
89 69.9 50.7 76.1



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: 32.98 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

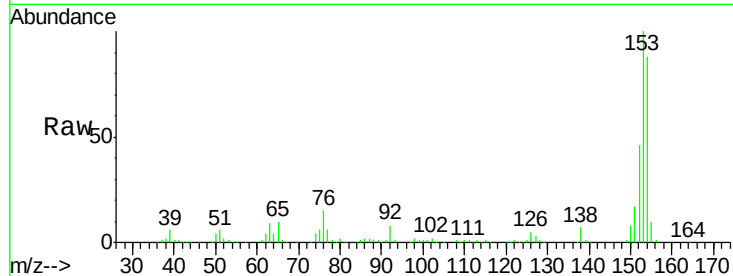
Tgt Ion:154 Resp: 457025

Ion Ratio Lower Upper

154 100

153 114.0 89.8 134.6

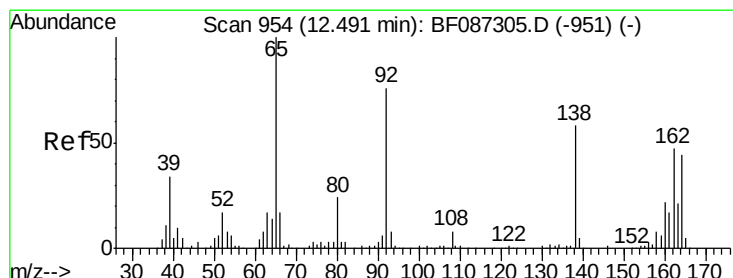
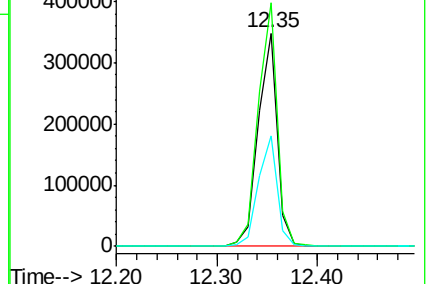
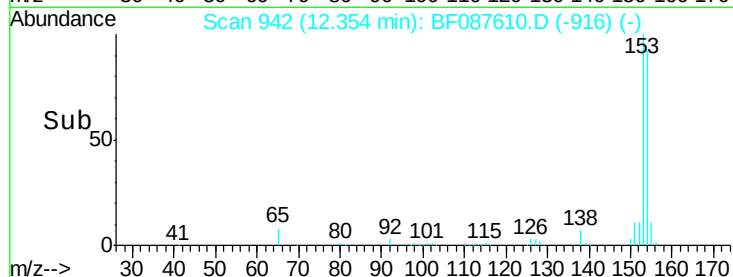
152 52.0 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.47 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

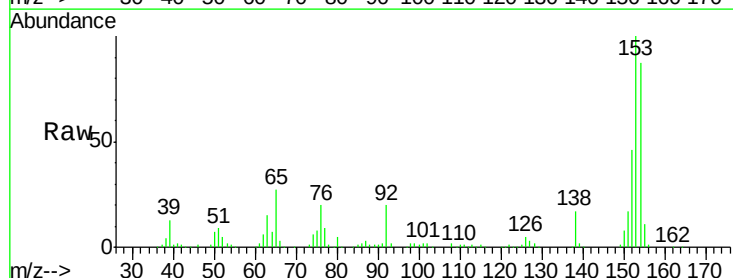
Tgt Ion:138 Resp: 93306

Ion Ratio Lower Upper

138 100

108 12.0 7.8 11.6#

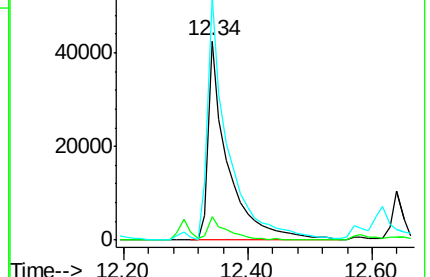
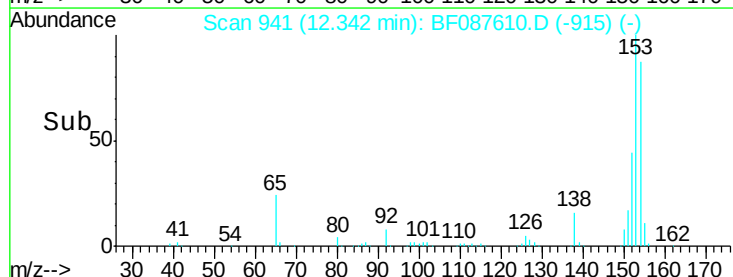
92 122.3 87.8 131.8

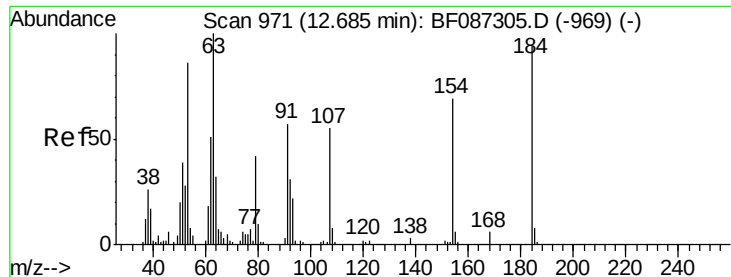


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

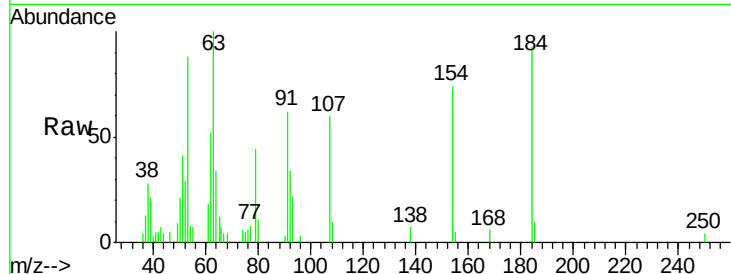




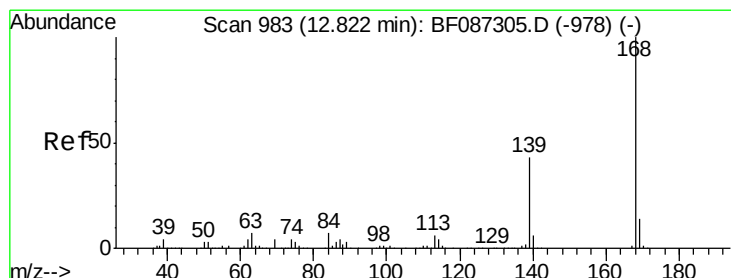
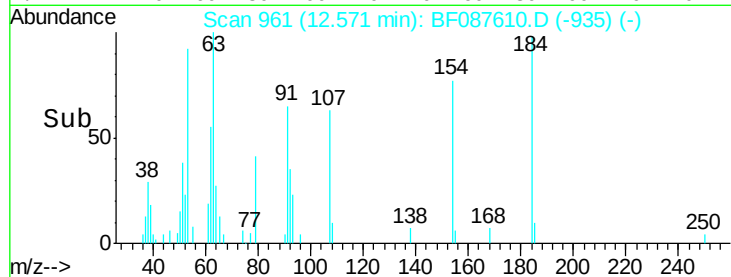
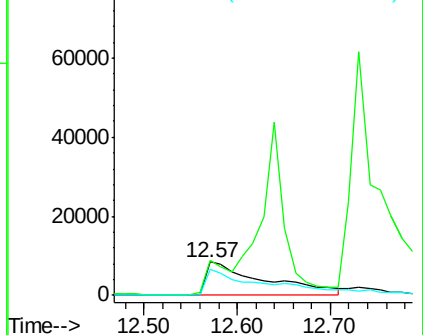
#53
2,4-Dinitrophenol
Concen: 25.22 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

Tgt Ion:184 Resp: 37140
Ion Ratio Lower Upper
184 100
63 107.1 55.8 83.8#
154 78.8 62.4 93.6

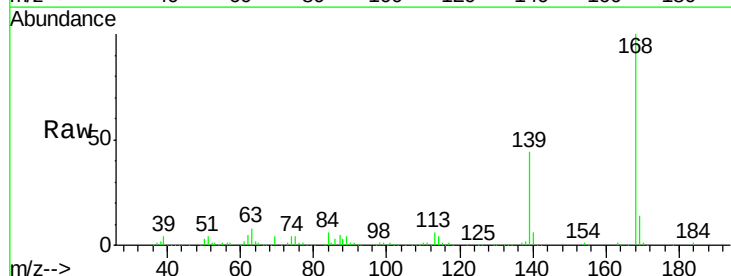


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

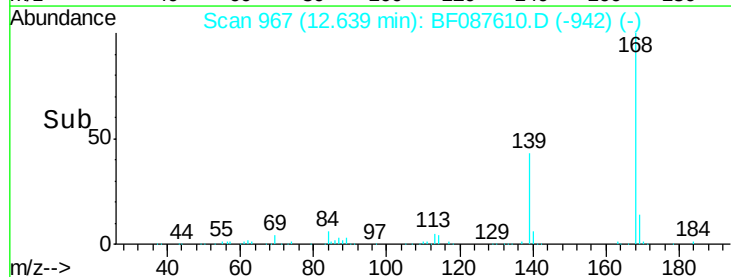
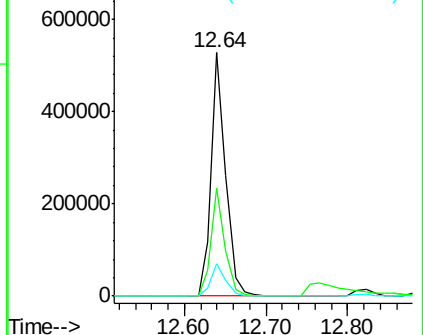


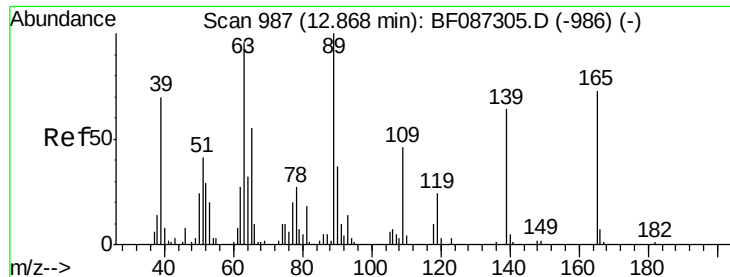
#54
Dibenzofuran
Concen: 35.23 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Tgt Ion:168 Resp: 661016
Ion Ratio Lower Upper
168 100
139 44.3 31.4 47.0
169 13.6 10.7 16.1



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

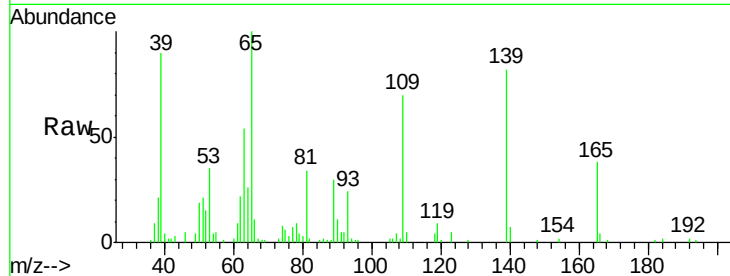




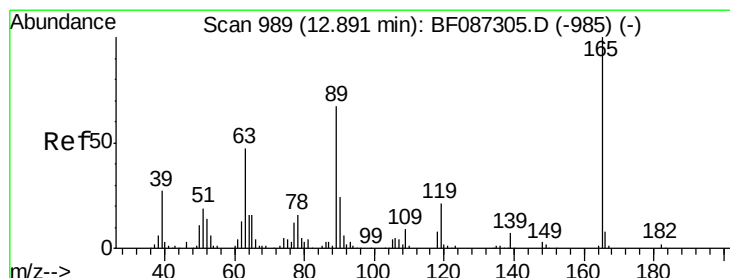
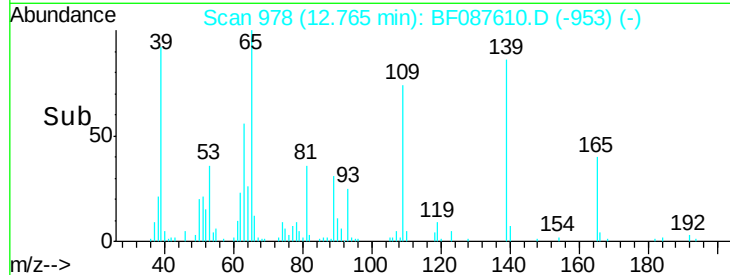
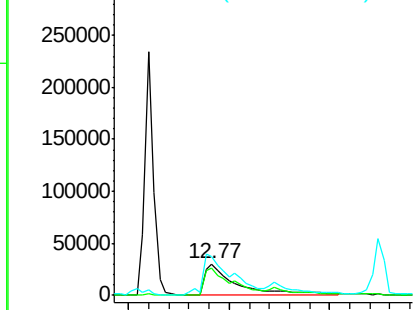
#55
4-Nitrophenol
Concen: 72.68 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

Tgt Ion:139 Resp: 126994
Ion Ratio Lower Upper
139 100
109 85.6 36.9 76.9#
65 122.7 64.0 104.0#



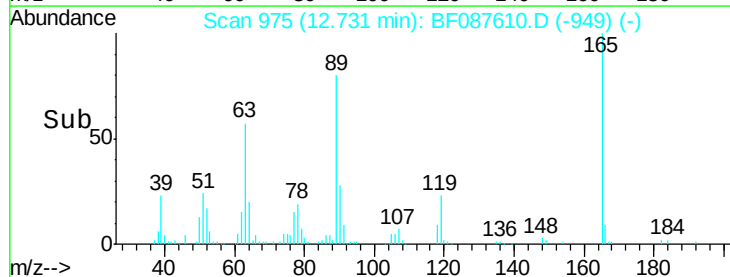
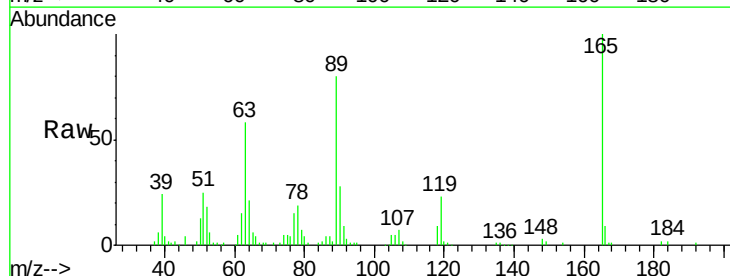
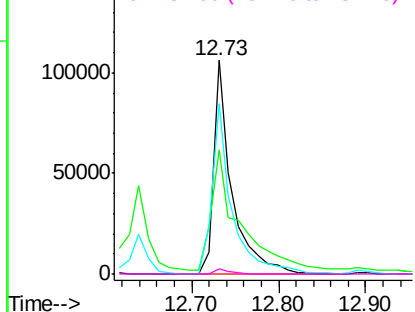
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

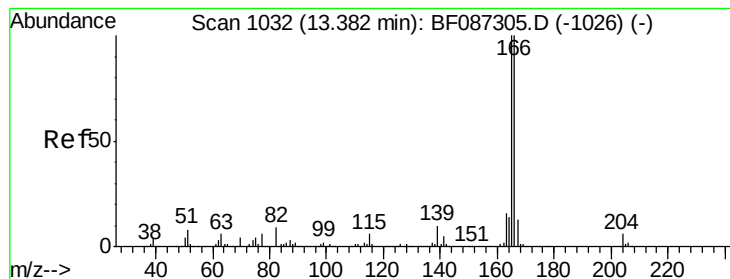


#56
2,4-Dinitrotoluene
Concen: 32.63 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Tgt Ion:165 Resp: 155638
Ion Ratio Lower Upper
165 100
63 58.0 44.3 66.5
89 79.7 70.0 105.0
182 2.3 1.8 2.6

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





#57

Fluorene

Concen: 31.84 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

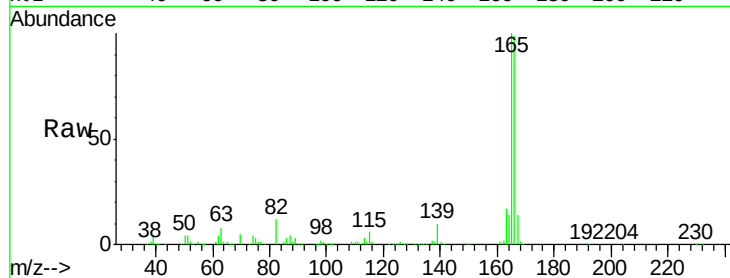
Tgt Ion:166 Resp: 518004

Ion Ratio Lower Upper

166 100

165 100.8 79.0 118.6

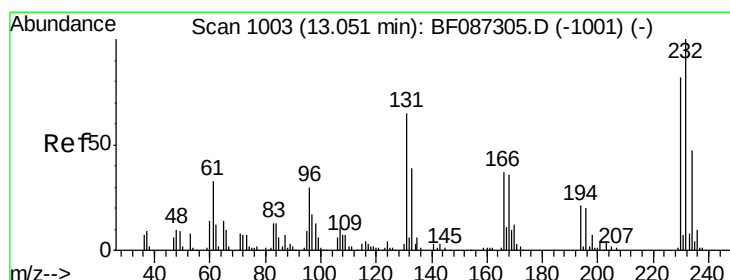
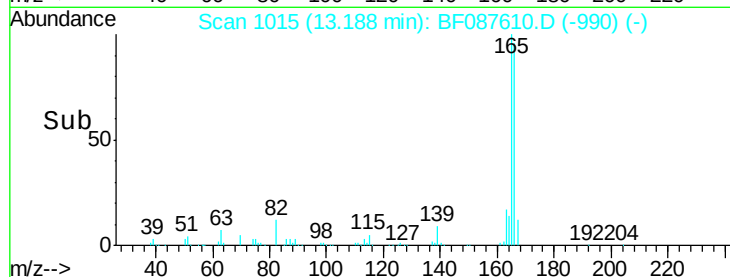
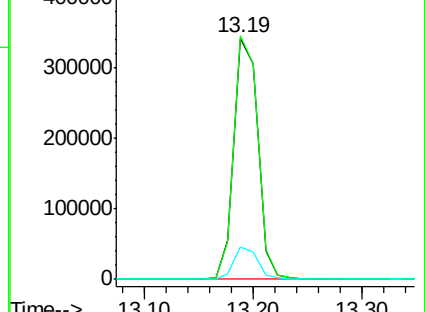
167 13.6 10.6 15.8



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: 36.36 ng

RT: 12.89 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Tgt Ion:232 Resp: 116365

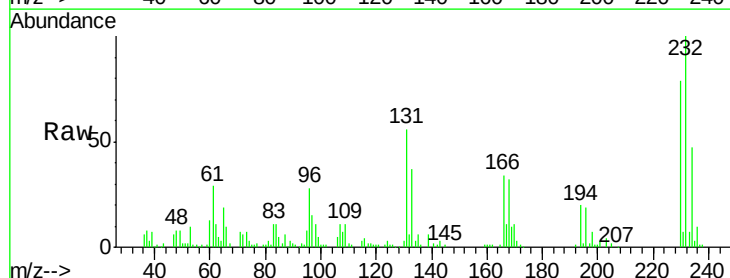
Ion Ratio Lower Upper

232 100

131 54.2 41.9 62.9

130 2.9 2.2 3.4

166 33.5 26.8 40.2

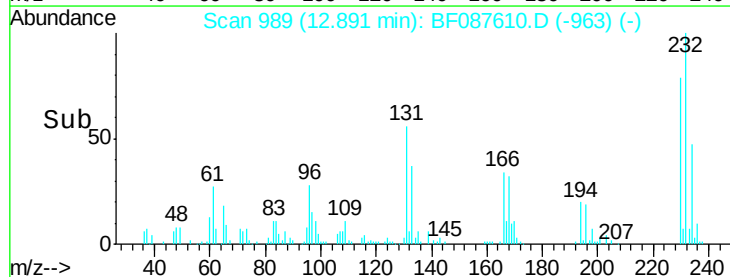
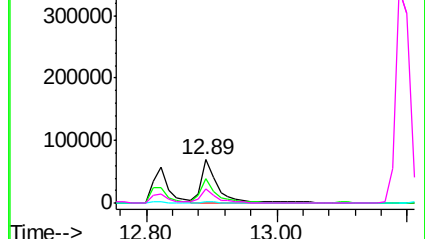


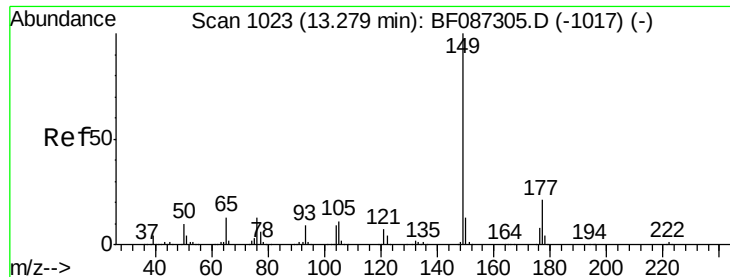
Abundance Ion 232.00 (231.70 to 232.70): E

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

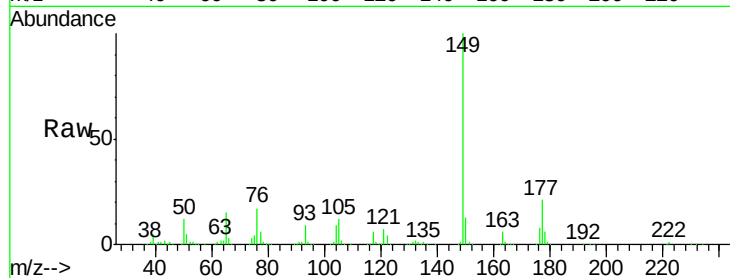




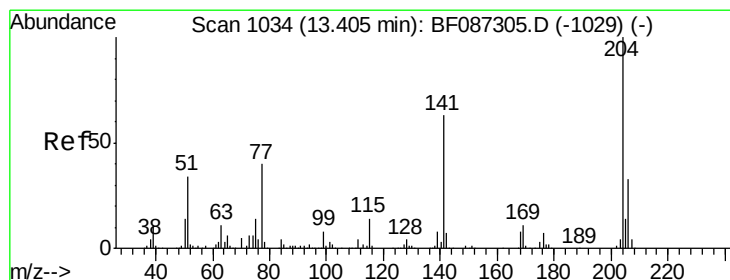
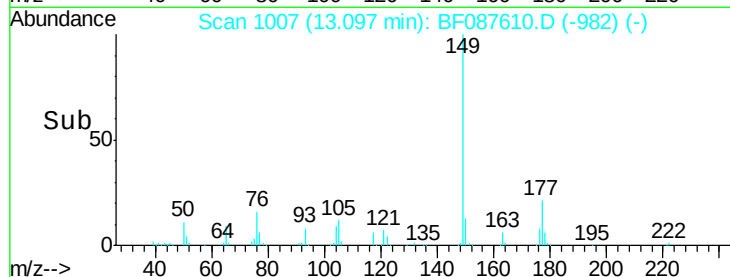
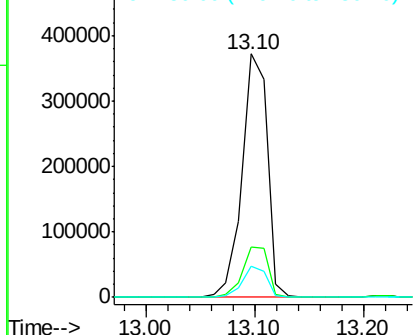
#59
Diethylphthalate
Concen: 34.67 ng
RT: 13.10 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

Tgt Ion:149 Resp: 596947
Ion Ratio Lower Upper
149 100
177 20.6 16.6 24.8
150 12.7 10.0 15.0

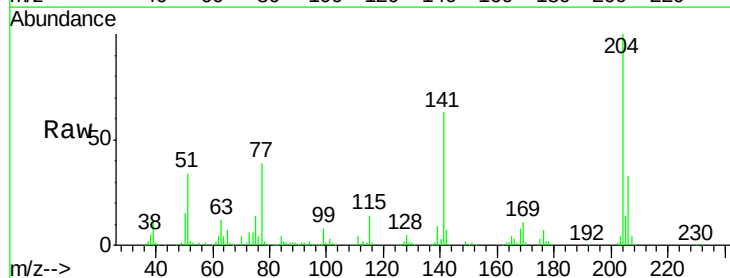


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

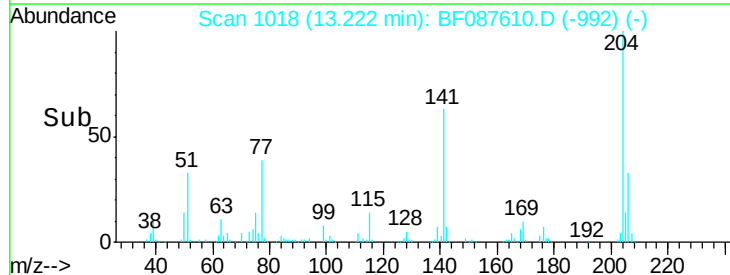
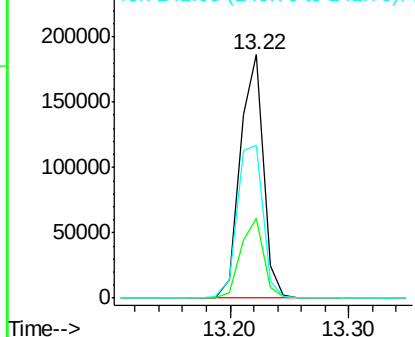


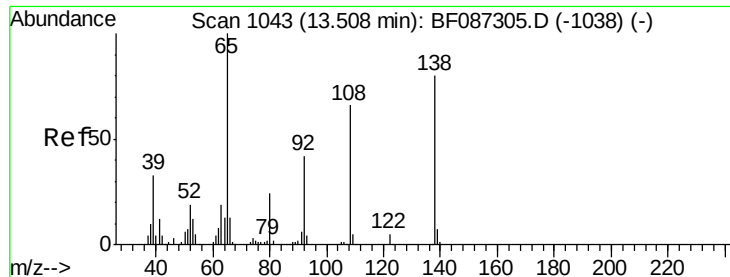
#60
4-Chlorophenyl-phenylether
Concen: 31.94 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Tgt Ion:204 Resp: 253413
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.0
141 62.5 61.6 92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.17 ng

RT: 13.35 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

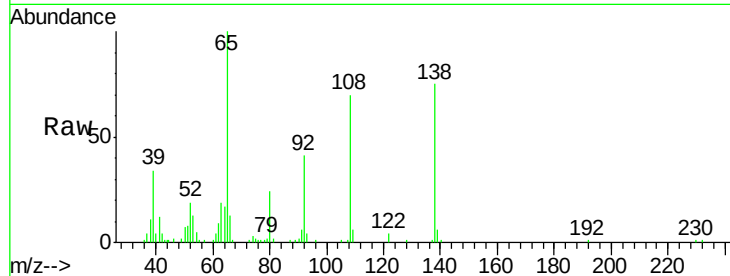
Tgt Ion:138 Resp: 103154

Ion Ratio Lower Upper

138 100

92 54.7 24.7 64.7

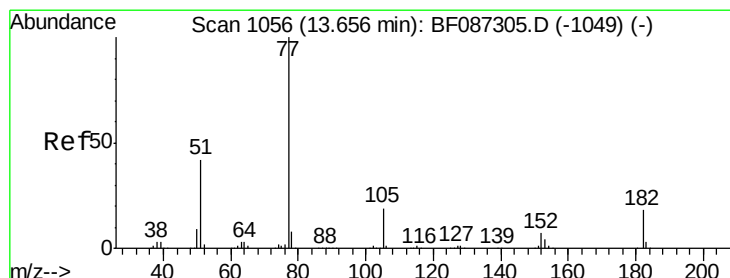
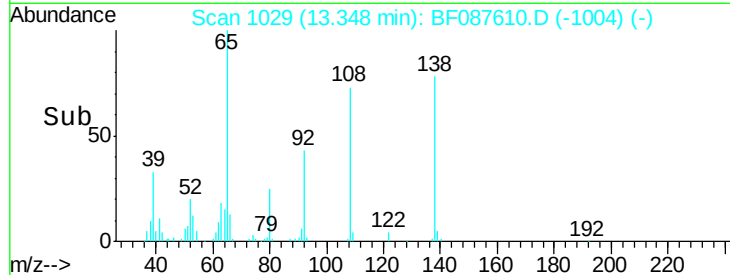
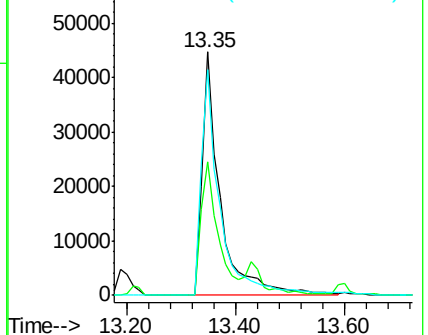
108 92.5 37.4 77.4#



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: 36.37 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Tgt Ion: 77 Resp: 649813

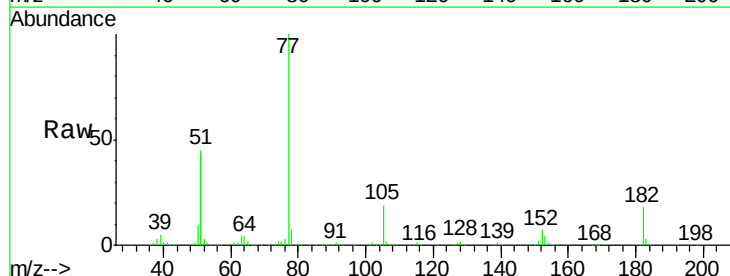
Ion Ratio Lower Upper

77 100

182 18.5 0.0 38.8

105 19.4 3.2 43.2

51 44.9 8.8 48.8

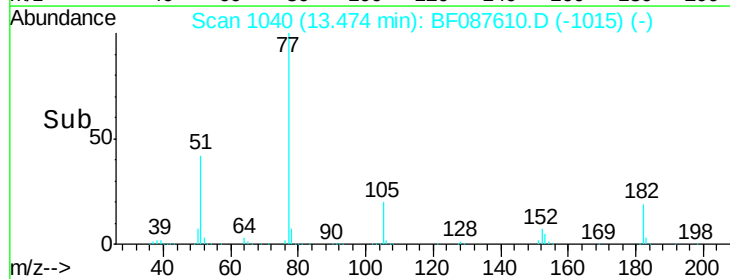
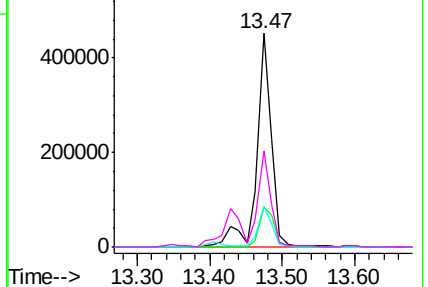


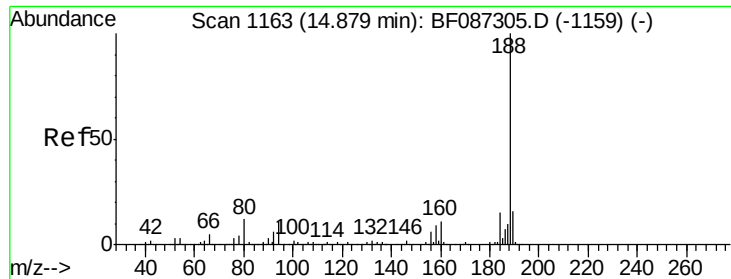
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

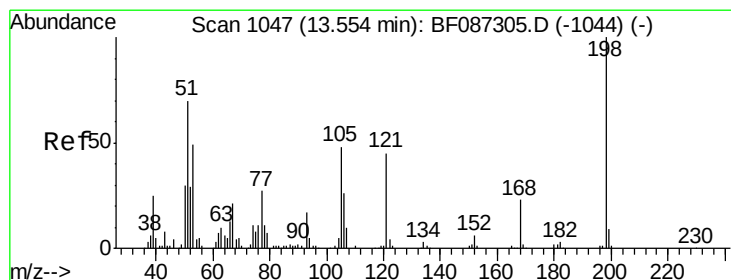
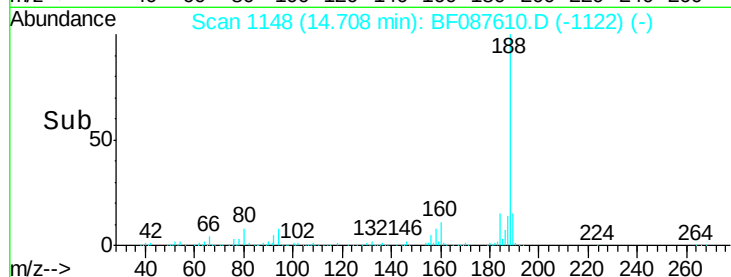
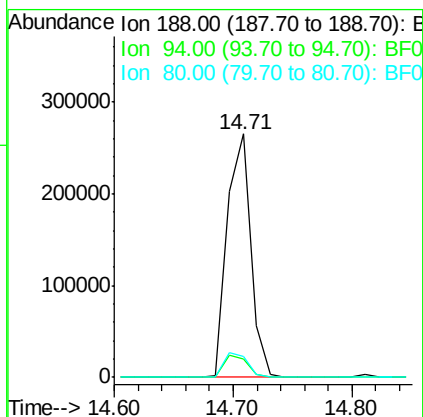
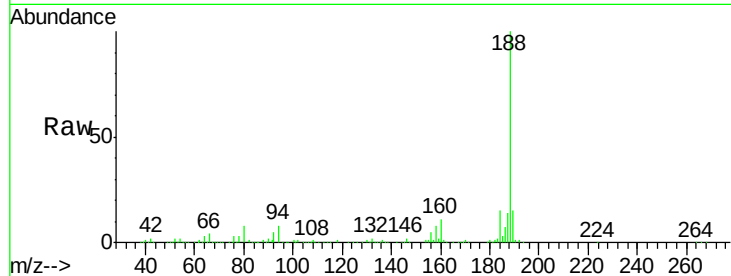




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

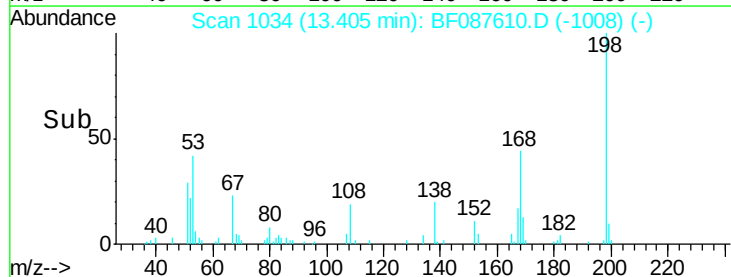
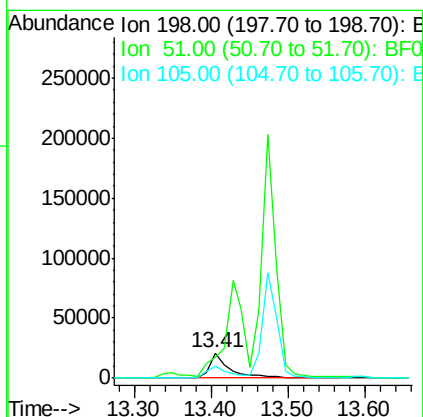
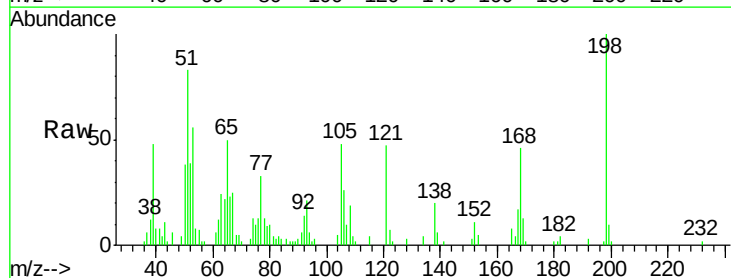
Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

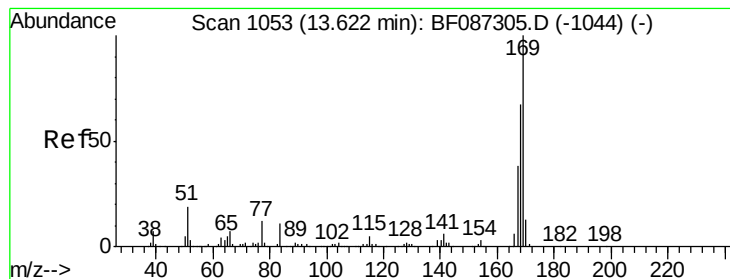
Tgt Ion:188 Resp: 364973
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.4 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 16.71 ng
RT: 13.41 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Tgt Ion:198 Resp: 38778
Ion Ratio Lower Upper
198 100
51 83.0 20.5 60.5#
105 47.9 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 38.07 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

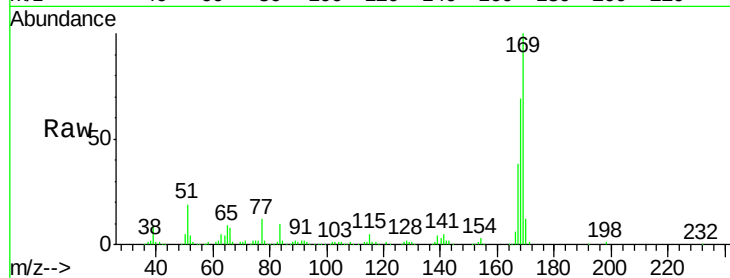
Tgt Ion:169 Resp: 449336

Ion Ratio Lower Upper

169 100

168 69.2 53.8 80.6

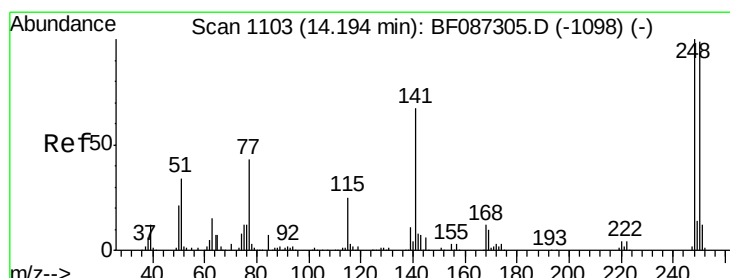
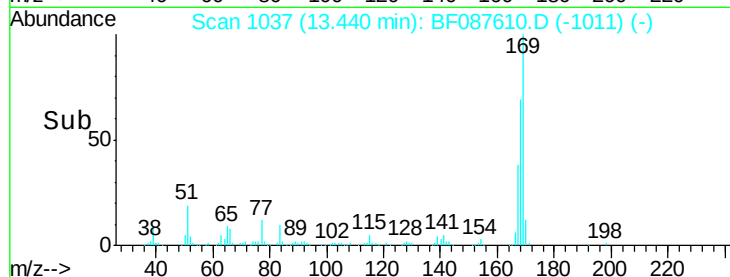
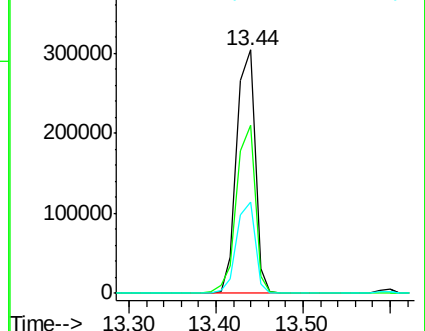
167 37.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.49 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

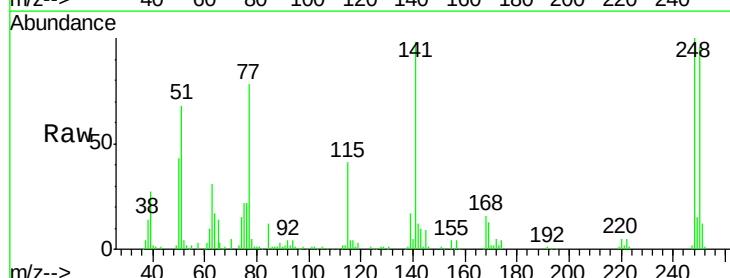
Tgt Ion:248 Resp: 141686

Ion Ratio Lower Upper

248 100

250 95.5 78.6 117.8

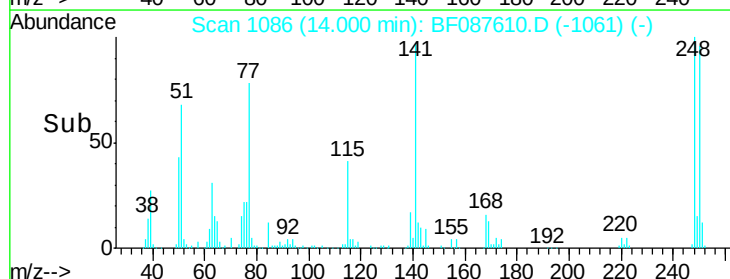
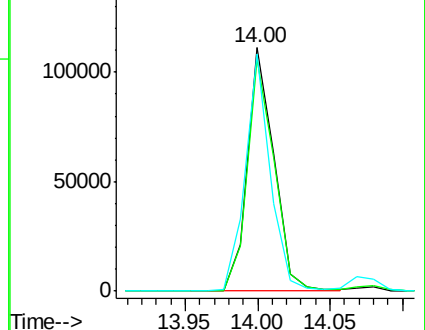
141 97.6 76.0 114.0

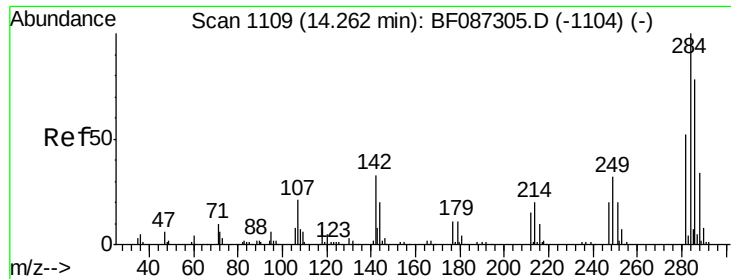


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.66 ng

RT: 14.08 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

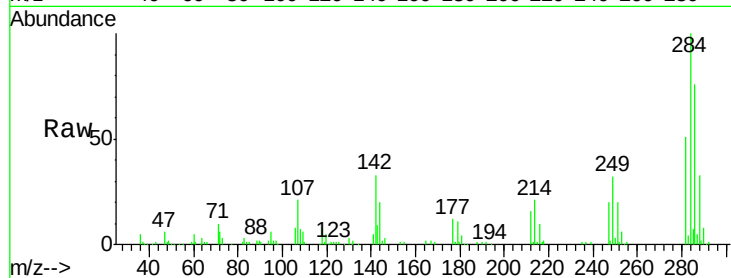
Tgt Ion: 284 Resp: 140562

Ion Ratio Lower Upper

284 100

142 33.2 16.7 25.1#

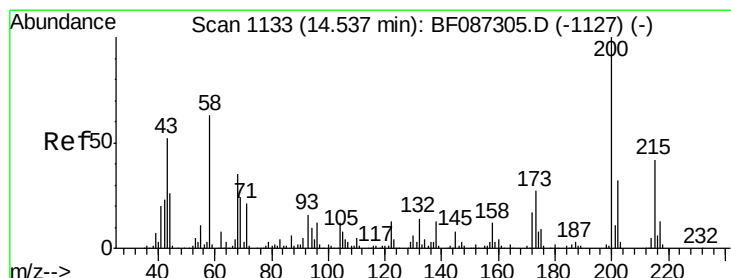
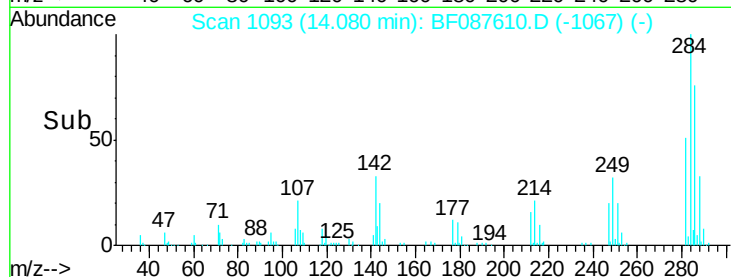
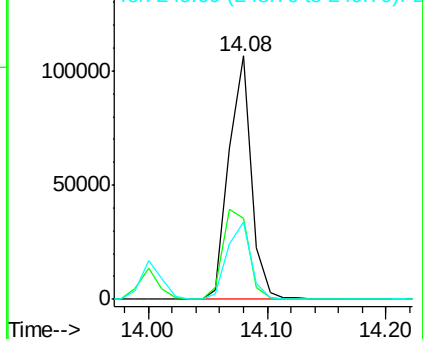
249 31.9 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.80 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

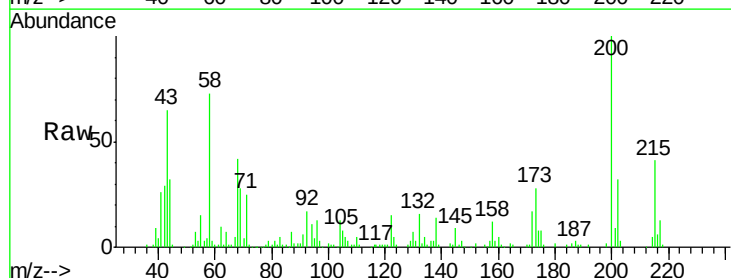
Tgt Ion: 200 Resp: 134697

Ion Ratio Lower Upper

200 100

173 28.1 8.5 48.5

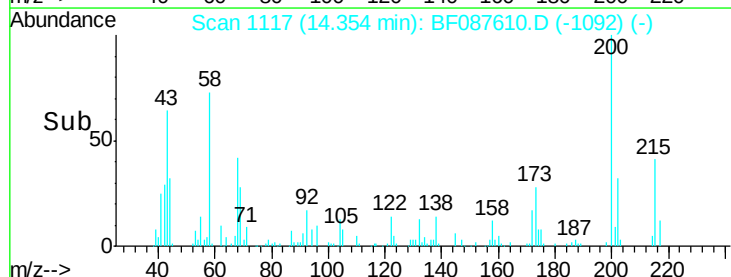
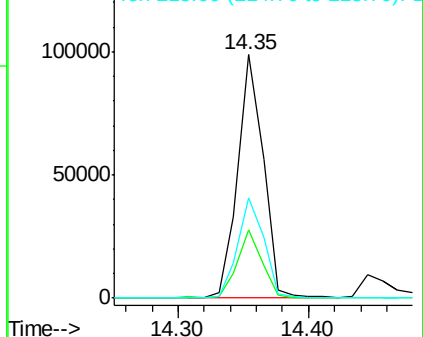
215 41.0 27.2 67.2

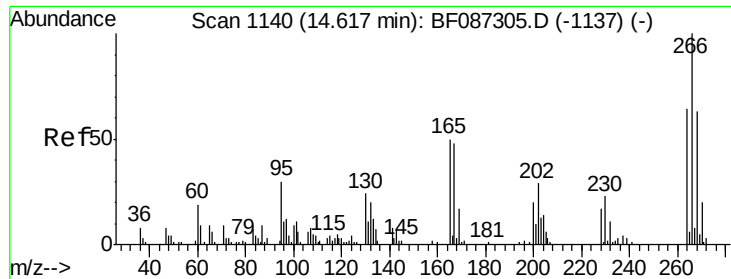


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

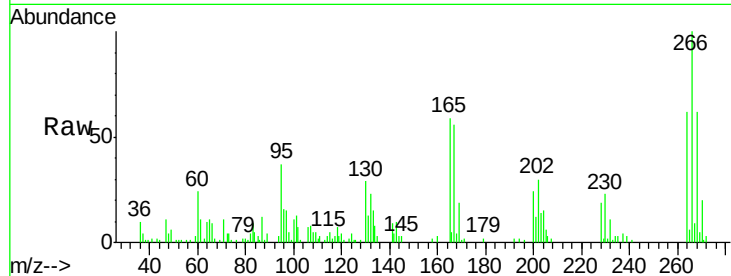




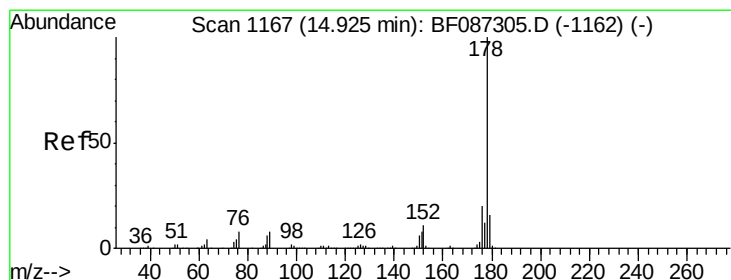
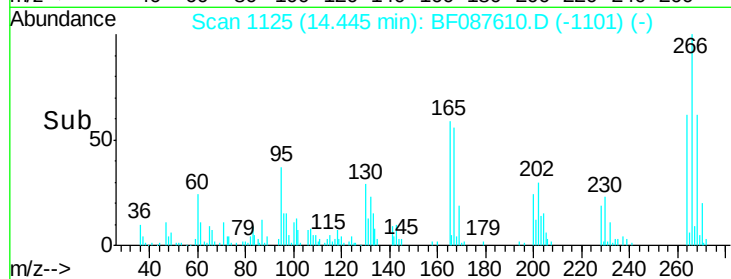
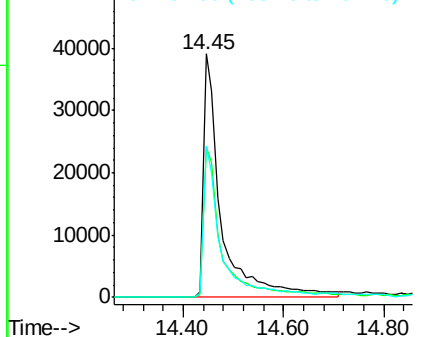
#69
 Pentachlorophenol
 Concen: 75.08 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

Tgt Ion:266 Resp: 96903
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.5 77.3
 264 62.5 52.9 79.3

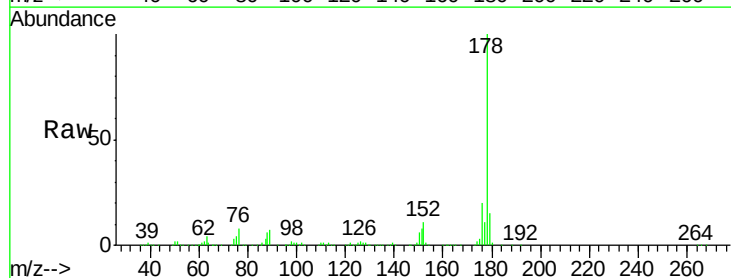


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

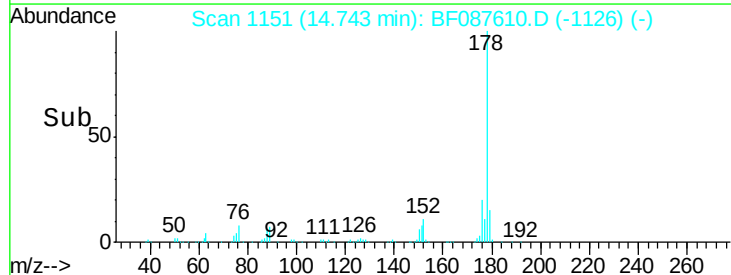
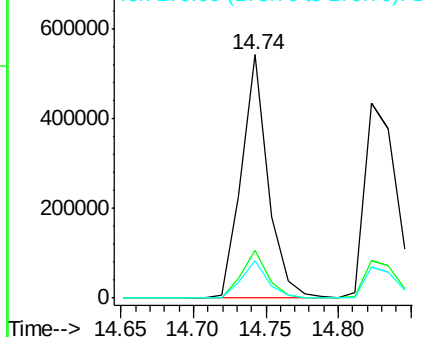


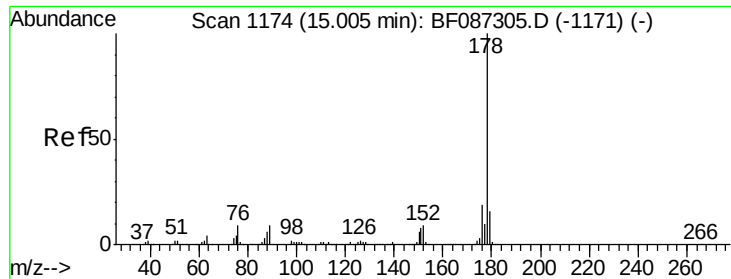
#70
 Phenanthrene
 Concen: 34.28 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Tgt Ion:178 Resp: 692926
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 15.4 12.6 18.8



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

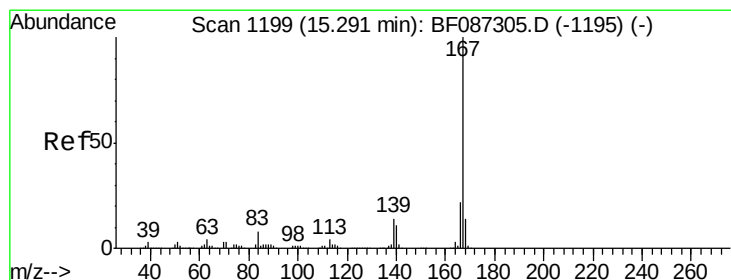
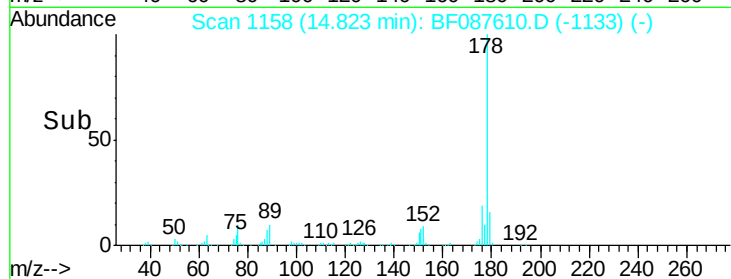
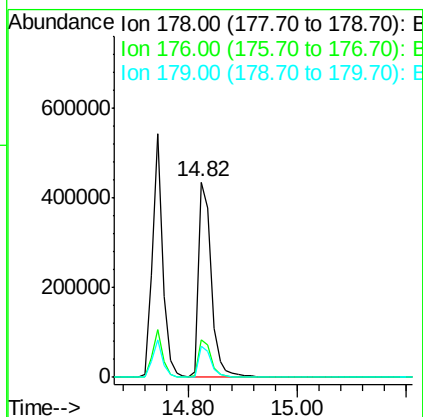
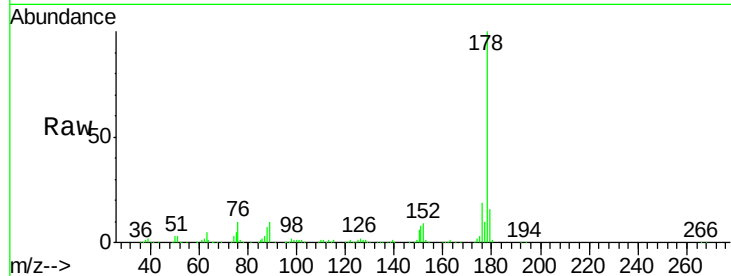




#71
 Anthracene
 Concen: 34.29 ng
 RT: 14.82 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

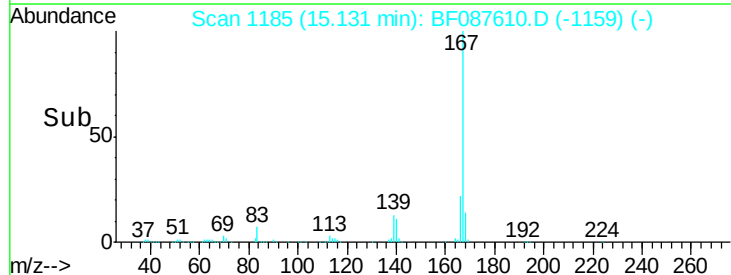
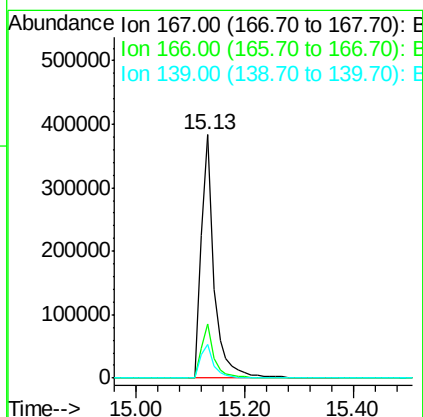
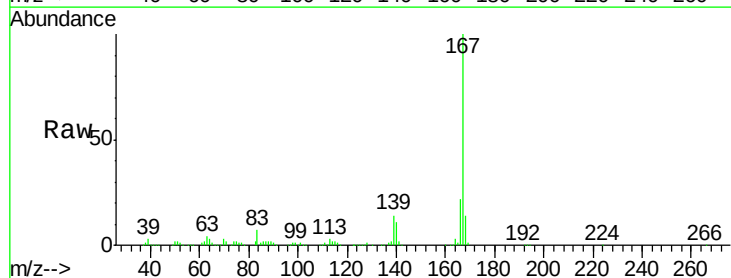
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

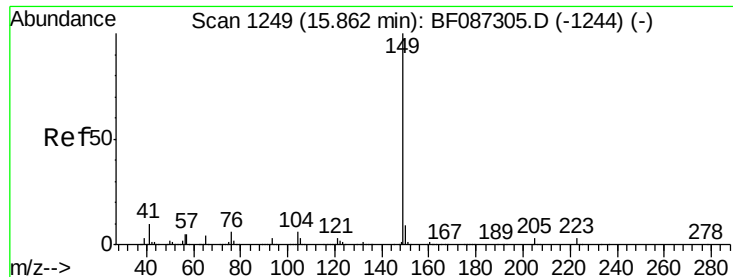
Tgt Ion:178 Resp: 700386
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 35.58 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Tgt Ion:167 Resp: 619815
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 13.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 35.14 ng

RT: 15.69 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

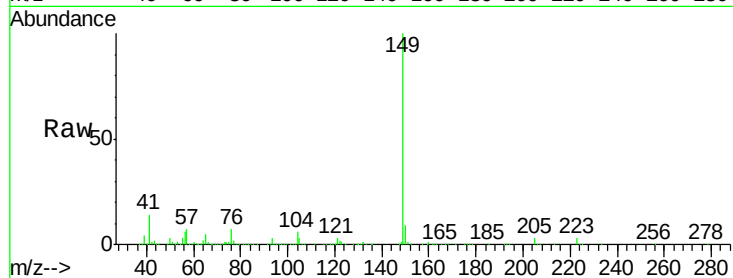
Tgt Ion:149 Resp: 791652

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 6.2 3.8 5.6#



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

15.69

800000

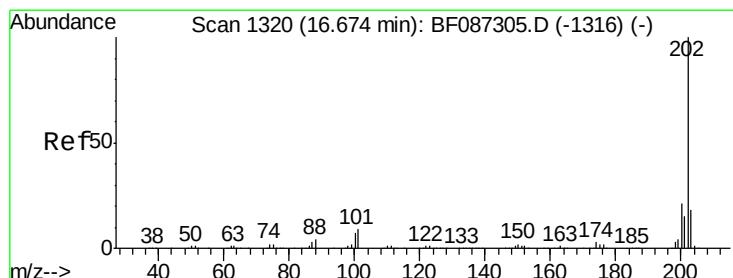
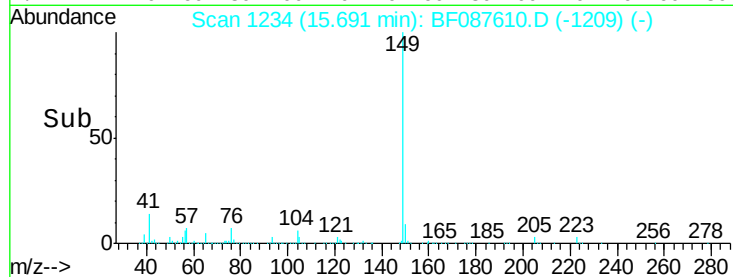
600000

400000

200000

0

Time--> 15.60 15.70 15.80



#74

Fluoranthene

Concen: 32.39 ng

RT: 16.51 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

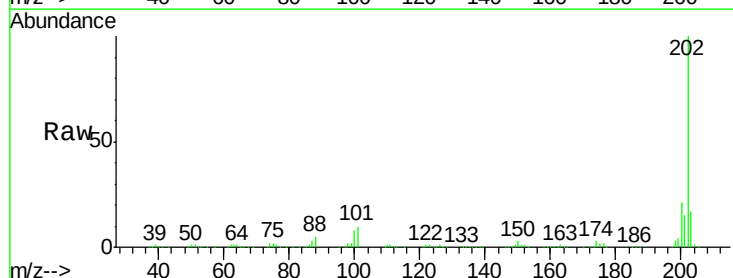
Tgt Ion:202 Resp: 656631

Ion Ratio Lower Upper

202 100

101 10.3 0.0 35.4

203 17.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

16.51

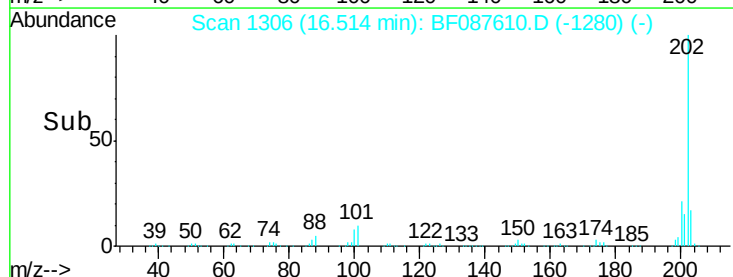
600000

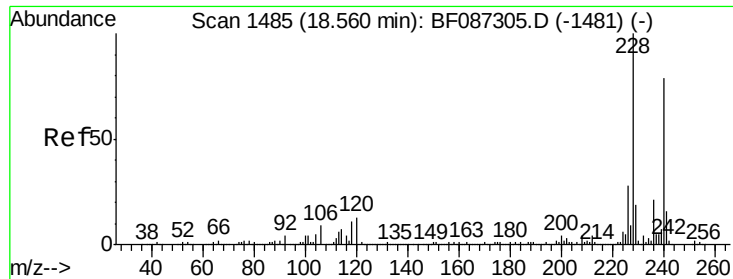
400000

200000

0

Time--> 16.40 16.50 16.60 16.70





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.42 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

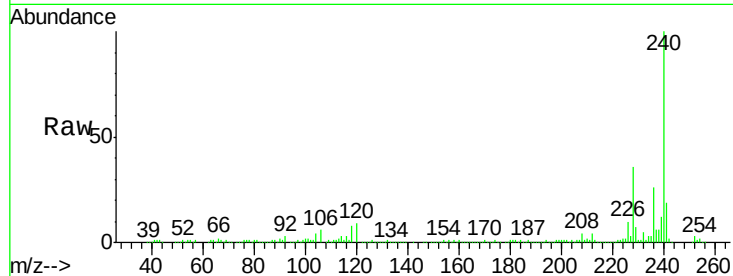
Tgt Ion:240 Resp: 274631

Ion Ratio Lower Upper

240 100

120 8.9 11.2 16.8#

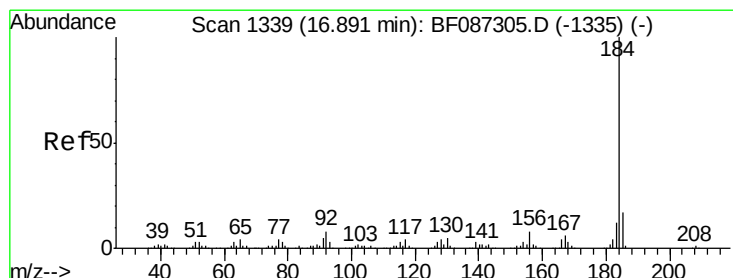
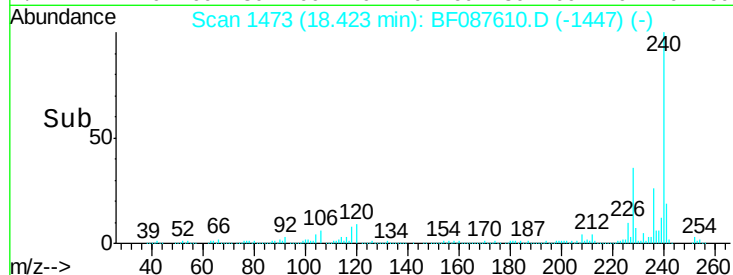
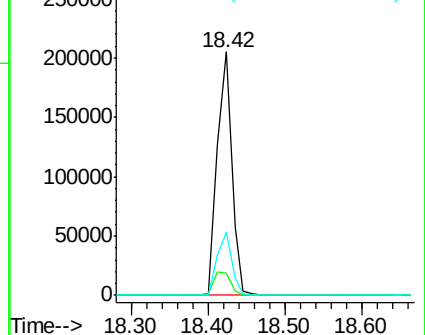
236 26.0 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.20 ng

RT: 16.75 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

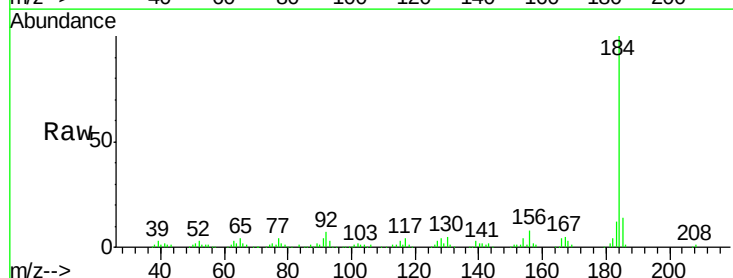
Tgt Ion:184 Resp: 298206

Ion Ratio Lower Upper

184 100

185 14.2 13.6 20.4

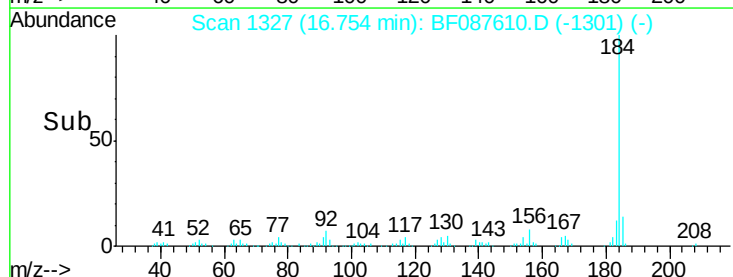
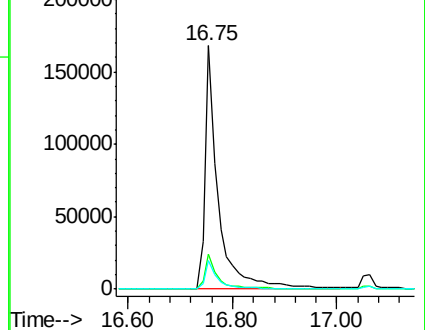
183 11.9 9.8 14.6

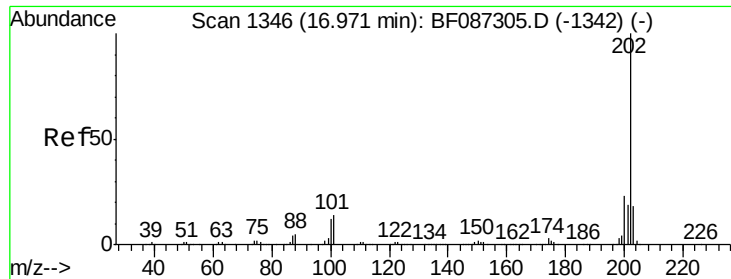


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

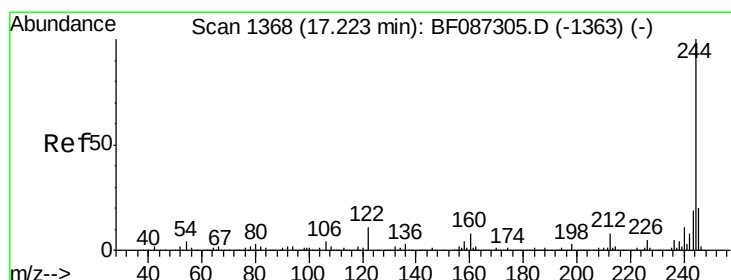
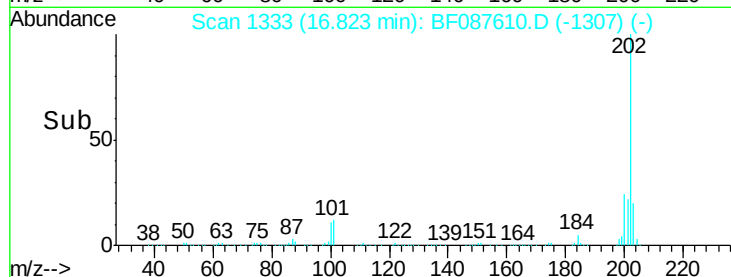
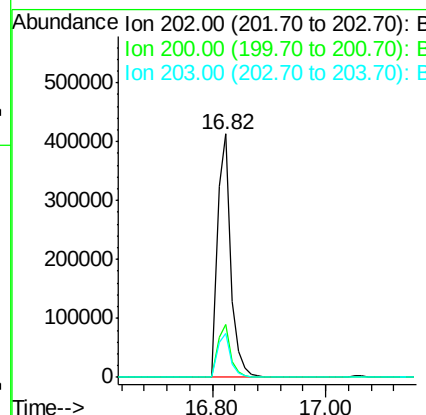
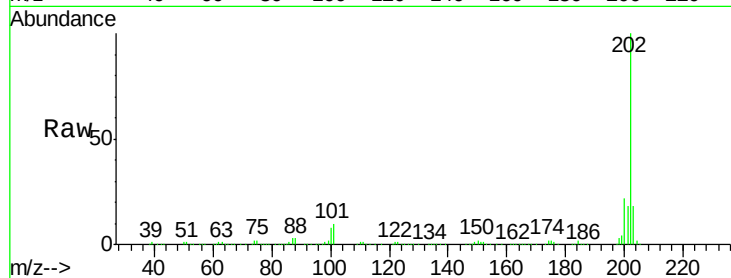




#77
 Pyrene
 Concen: 32.71 ng
 RT: 16.82 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

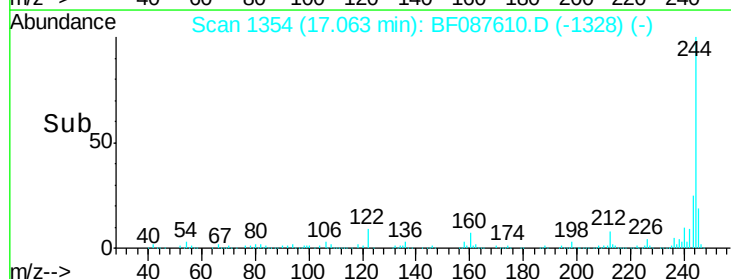
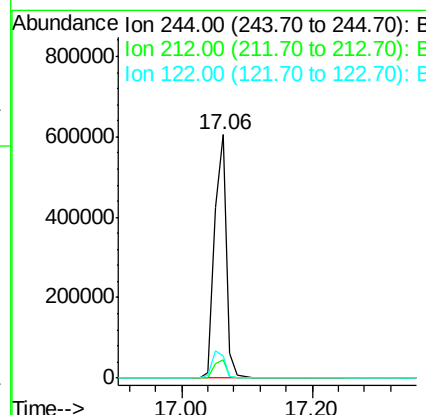
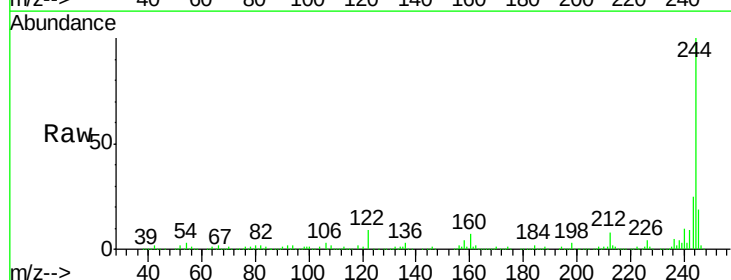
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

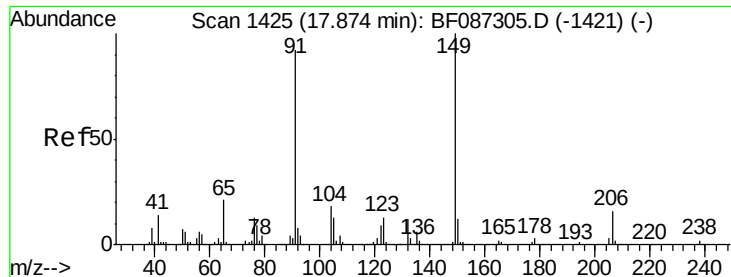
Tgt Ion: 202 Resp: 646657
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.7 26.5
 203 18.1 14.2 21.4



#78
 Terphenyl-d14
 Concen: 59.66 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Tgt Ion: 244 Resp: 770666
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.0 12.0 18.0#





#79

Butylbenzylphthalate

Concen: 35.17 ng

RT: 17.73 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

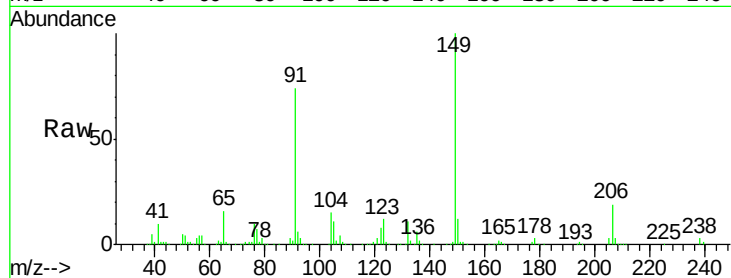
Tgt Ion:149 Resp: 308327

Ion Ratio Lower Upper

149 100

91 73.9 48.0 72.0#

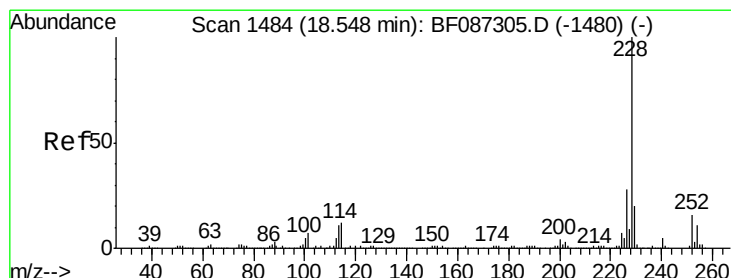
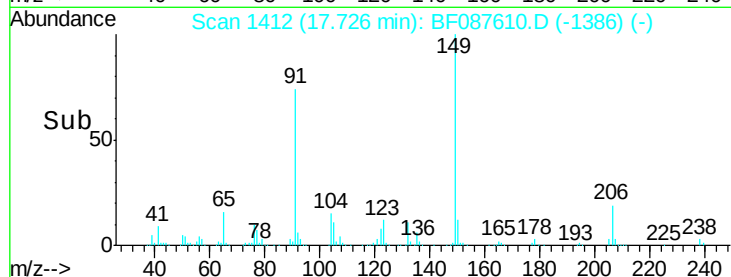
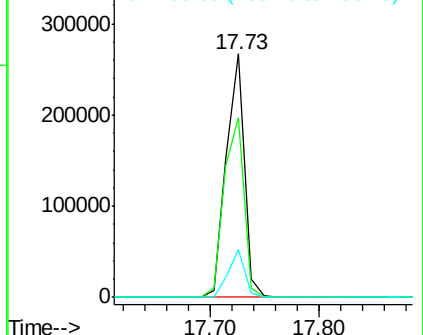
206 19.4 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.11 ng

RT: 18.41 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

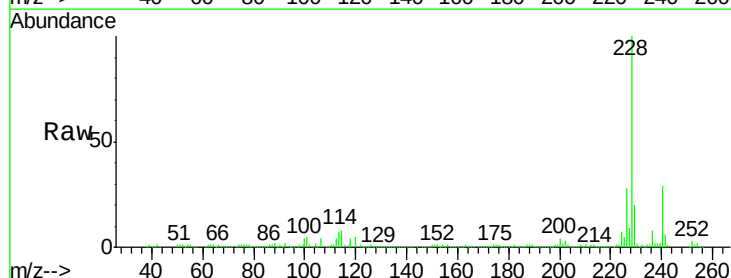
Tgt Ion:228 Resp: 532898

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

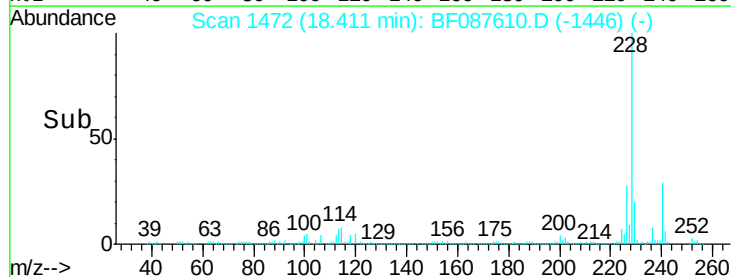
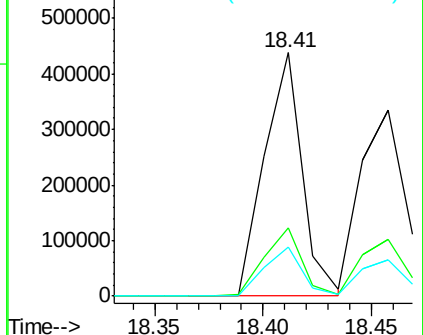
229 19.9 16.6 25.0

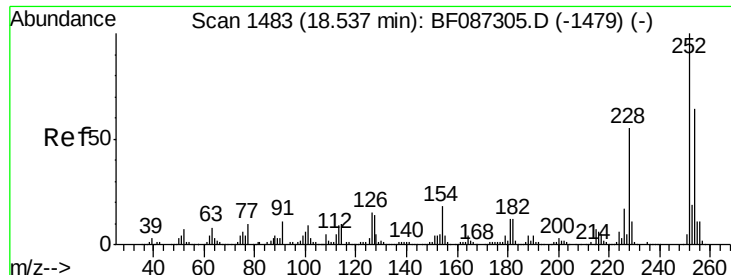


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

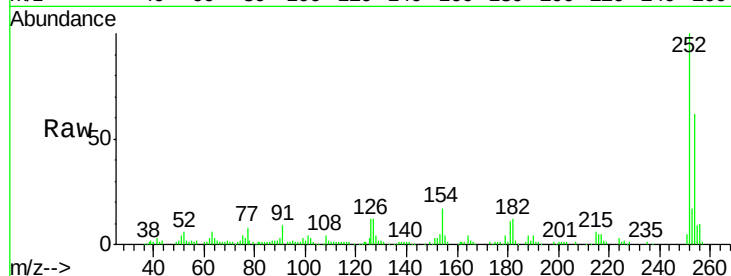




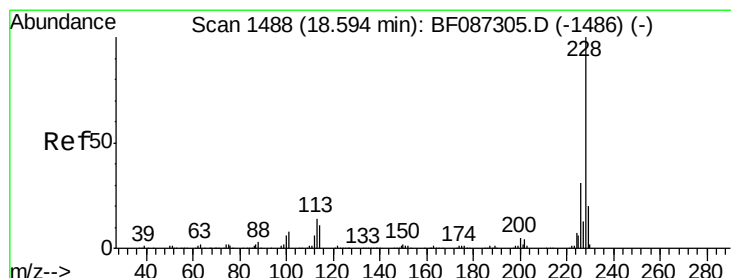
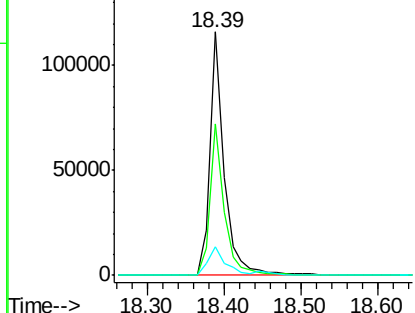
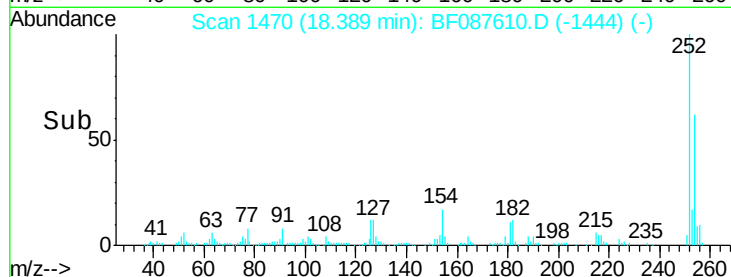
#81
 3,3'-Dichlorobenzidine
 Concen: 17.25 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMPMSD

Tgt Ion: 252 Resp: 148856
 Ion Ratio Lower Upper
 252 100
 254 62.3 50.7 76.1
 126 11.8 12.7 19.1#

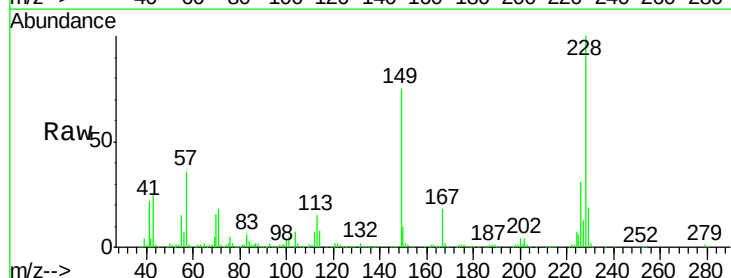


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

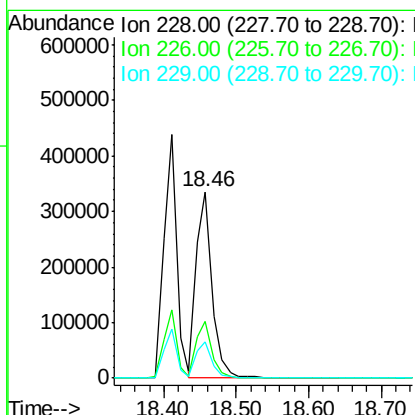
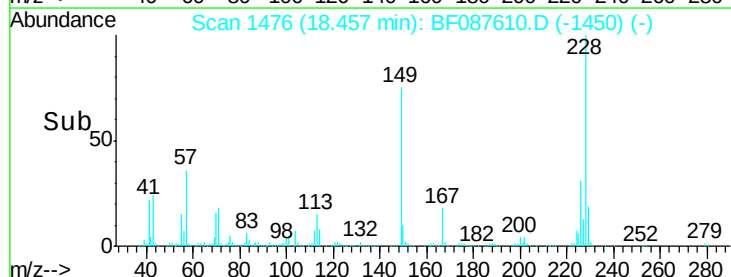


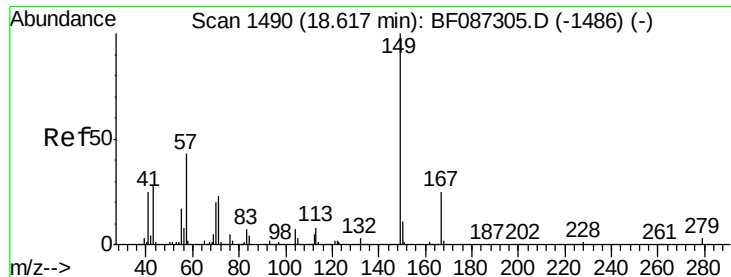
#82
 Chrysene
 Concen: 33.10 ng
 RT: 18.46 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF087610.D
 Acq: 1 Jun 2016 7:45

Tgt Ion: 228 Resp: 513114
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 19.3 15.8 23.8



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.07 ng

RT: 18.47 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

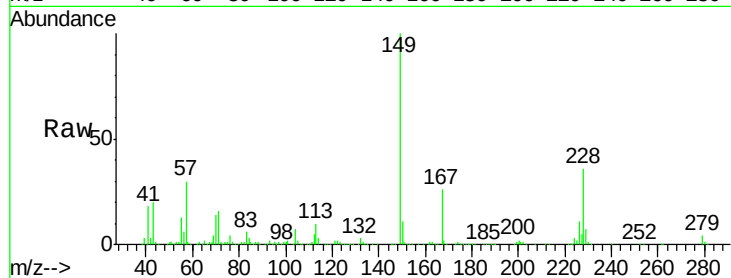
Tgt Ion:149 Resp: 423040

Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.6

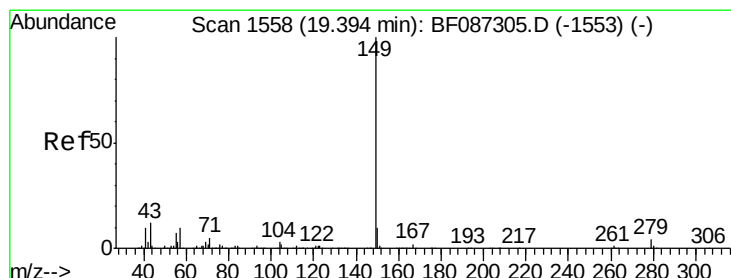
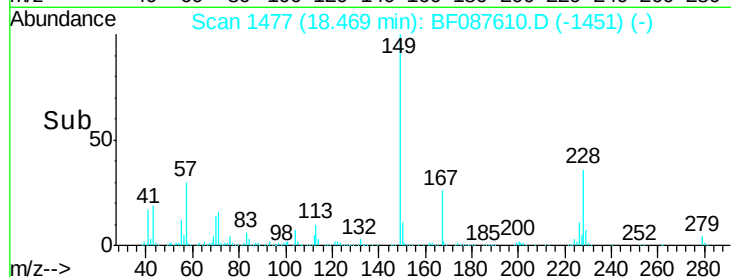
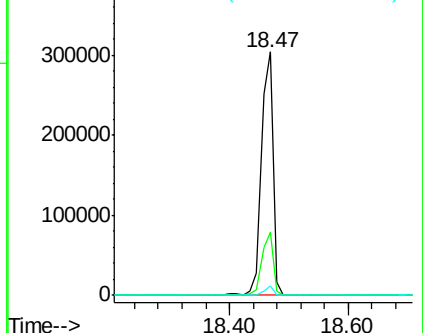
279 3.9 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.28 ng

RT: 19.23 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

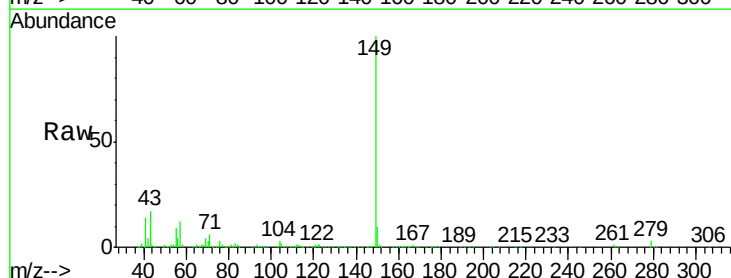
Tgt Ion:149 Resp: 649180

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

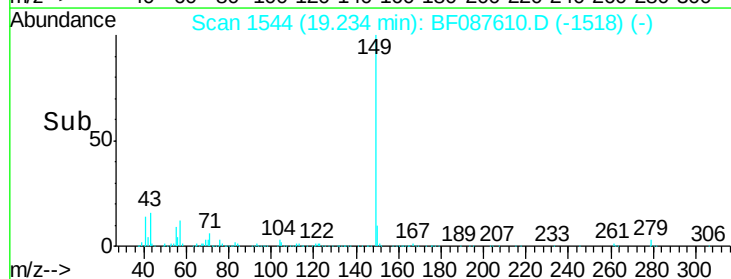
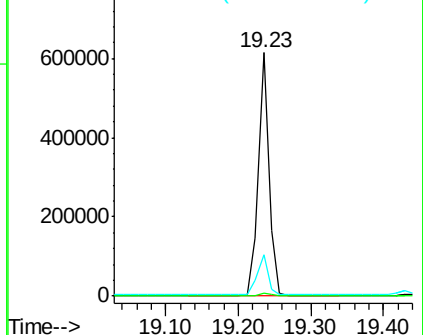
43 16.3 8.2 12.4#

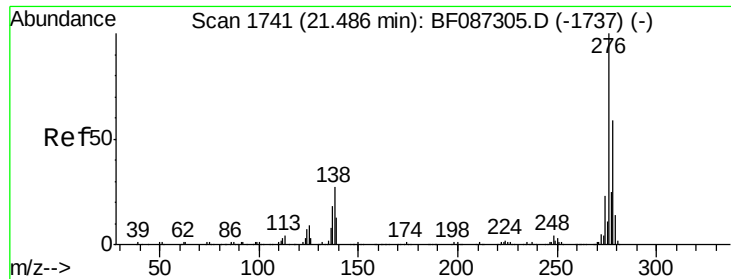


Abundance Ion 149.00 (148.70 to 149.70): E

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: 32.69 ng

RT: 21.33 min Scan# 1727

Delta R.T. 0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

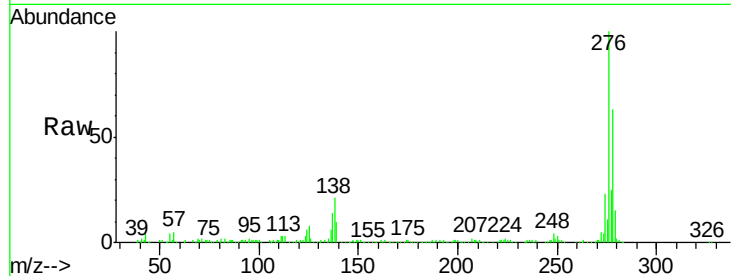
Tgt Ion:276 Resp: 406336

Ion Ratio Lower Upper

276 100

138 25.6 25.6 38.4

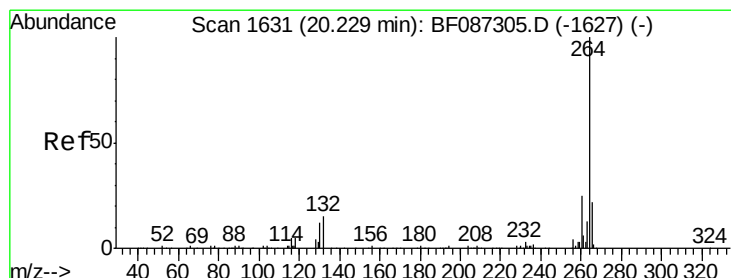
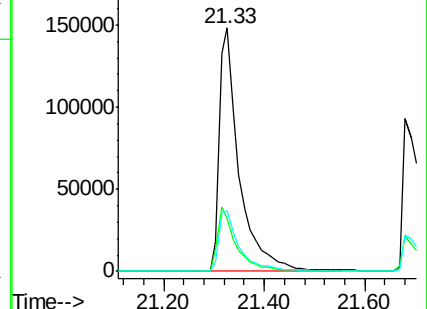
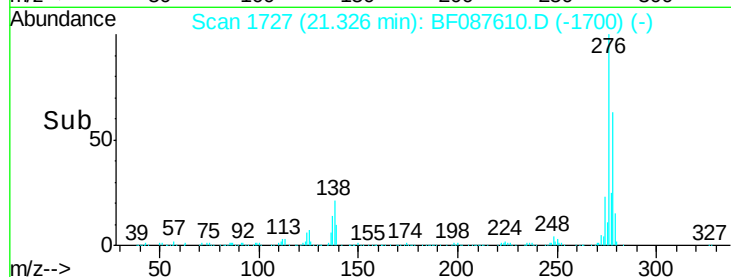
277 25.9 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.10 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

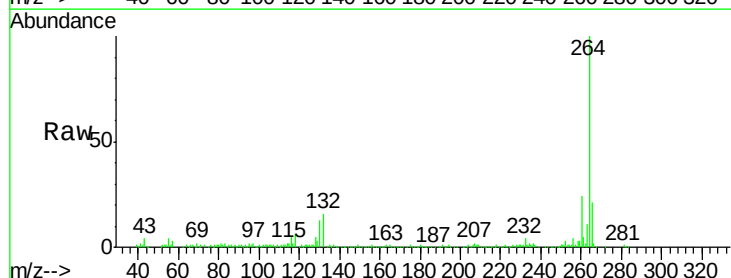
Tgt Ion:264 Resp: 226253

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

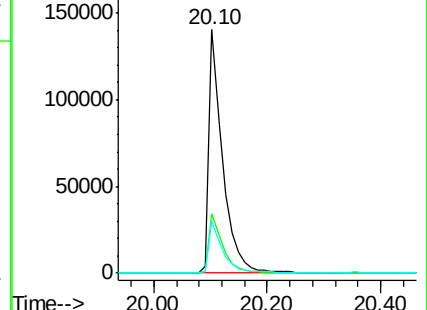
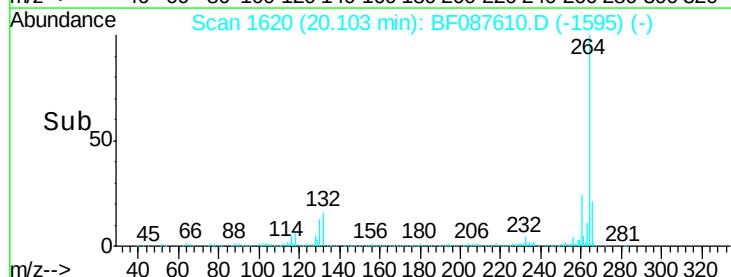
265 21.2 17.3 25.9

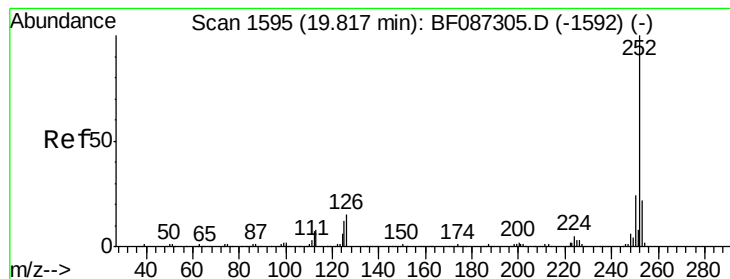


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 64.65 ng

RT: 19.69 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

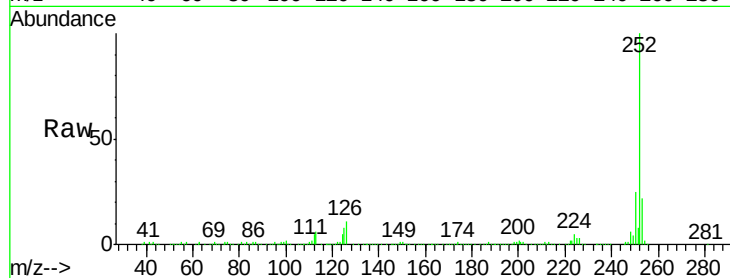
Tgt Ion:252 Resp: 931695

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

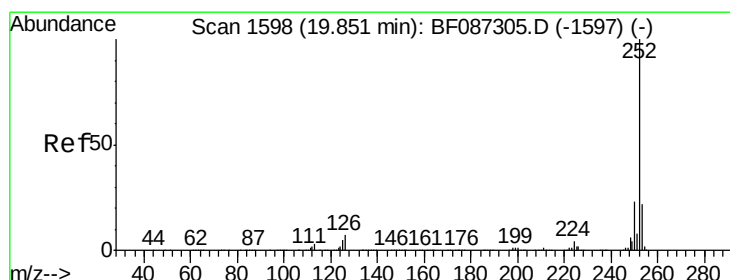
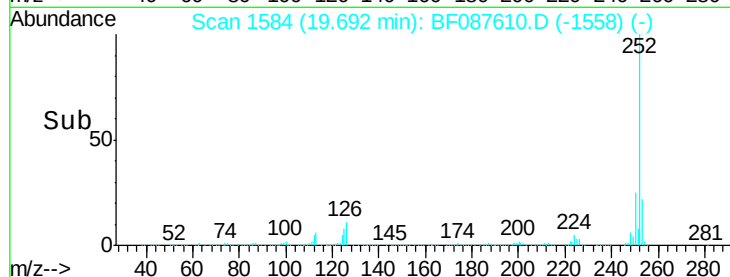
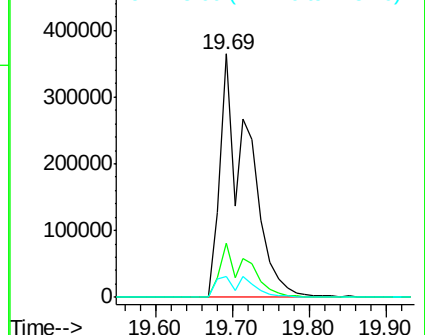
125 8.4 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 75.11 ng

RT: 19.69 min Scan# 1584

Delta R.T. -0.03 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

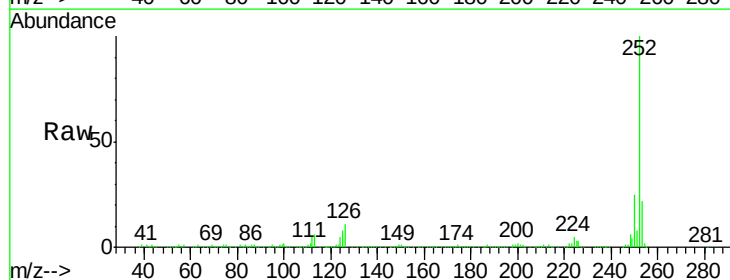
Tgt Ion:252 Resp: 931695

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

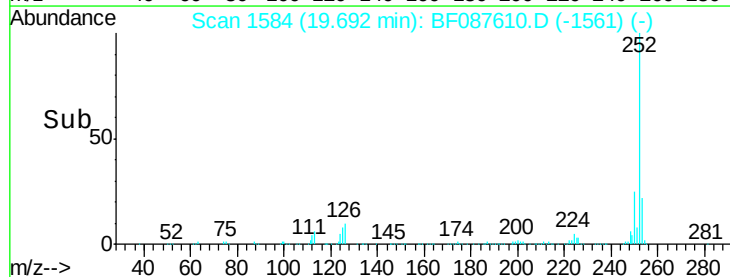
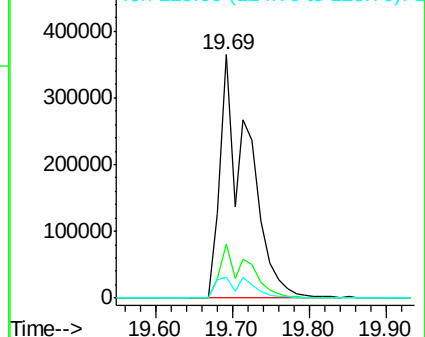
125 8.4 9.1 13.7#

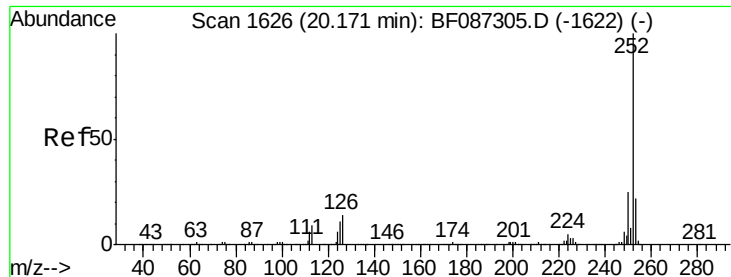


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

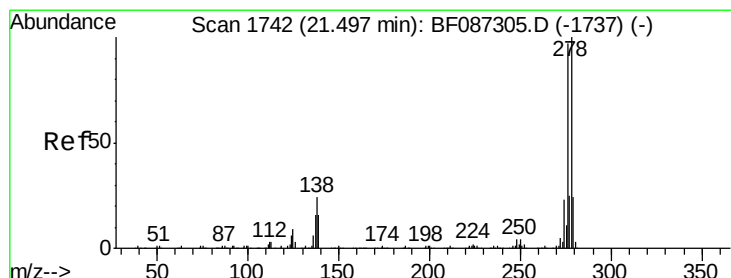
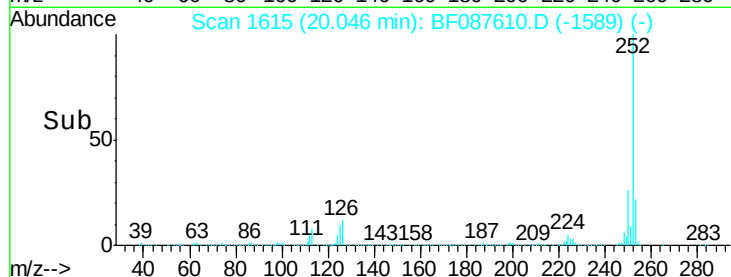
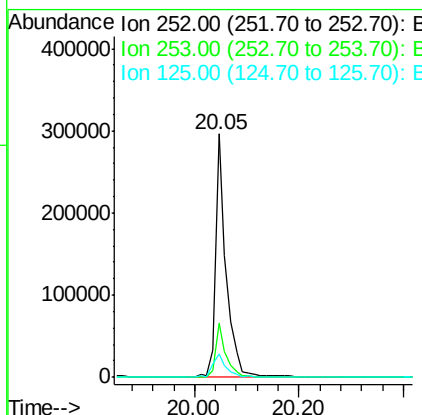
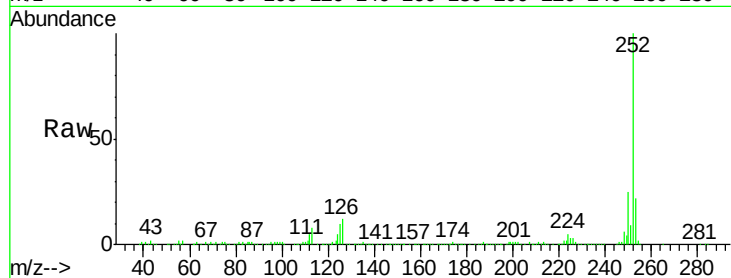




#89
Benzo(a)pyrene
Concen: 33.18 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

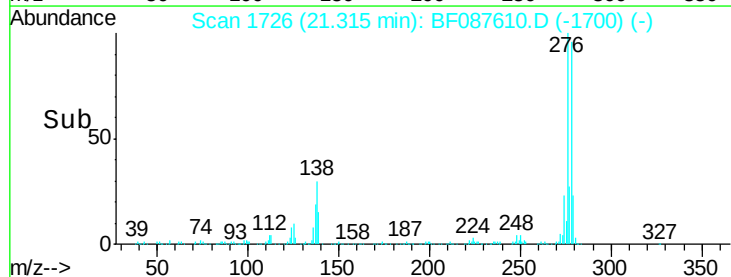
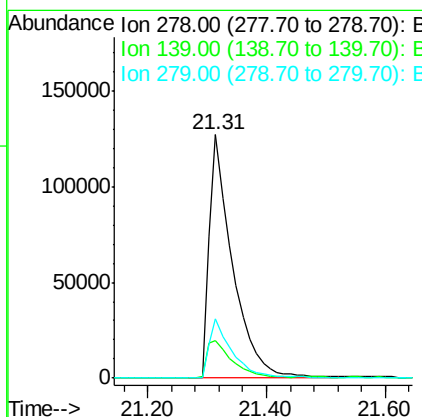
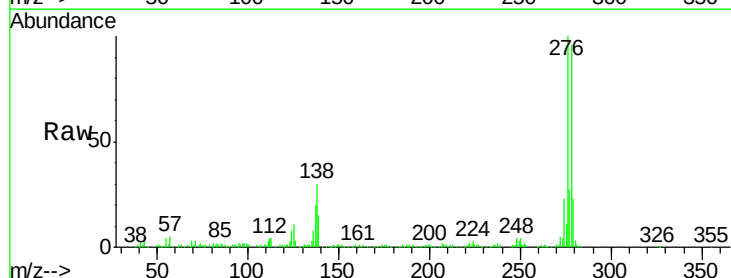
Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

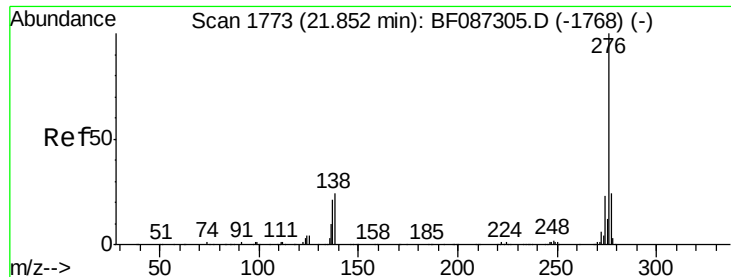
Tgt Ion: 252 Resp: 413570
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 9.7 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 32.48 ng
RT: 21.31 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BF087610.D
Acq: 1 Jun 2016 7:45

Tgt Ion: 278 Resp: 345321
Ion Ratio Lower Upper
278 100
139 15.5 16.6 24.8#
279 24.2 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 29.70 ng

RT: 21.68 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF087610.D

Acq: 1 Jun 2016 7:45

Instrument :

BNA_F

ClientSampleId :

SB-05-COMPMSD

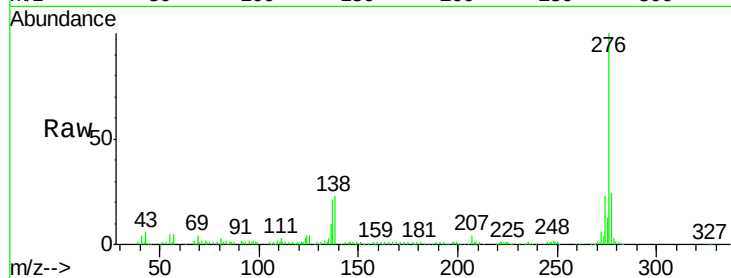
Tgt Ion: 276 Resp: 311533

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 23.2 23.6 35.4#



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

