

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086866.D
 Acq On : 10 May 2016 18:16
 Operator : UM/SJ
 Sample : PB90456BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Quant Time: May 11 03:43:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	152946	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	650879	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	307349	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	568007	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	373837	20.00	ng	-0.01
86) Perylene-d12	15.20	264	356943	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1016002	112.50	ng	0.00
7) Phenol-d6	6.35	99	1414200	117.17	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1006627	77.66	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	405240	124.54	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1629122	89.08	ng	0.00
78) Terphenyl-d14	12.78	244	1474329	83.68	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	153315	34.58	ng	# 72
3) Pyridine	2.93	79	373880	34.49	ng	# 65
4) n-Nitrosodimethylamine	2.89	42	305068	38.81	ng	# 53
6) Aniline	6.36	93	317249	21.73	ng	# 1
8) 2-Chlorophenol	6.48	128	444083	40.75	ng	94
9) Benzaldehyde	6.24	77	38133	5.46	ng	91
10) Phenol	6.36	94	612483	42.69	ng	75
11) bis(2-Chloroethyl)ether	6.43	93	425760	38.06	ng	88
12) 1,3-Dichlorobenzene	6.62	146	460155	39.02	ng	99
13) 1,4-Dichlorobenzene	6.70	146	459299	38.19	ng	98
14) 1,2-Dichlorobenzene	6.85	146	407428	38.87	ng	97
15) Benzyl Alcohol	6.85	79	376396	45.16	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	923586	37.97	ng	96
17) 2-Methylphenol	6.97	107	372367	42.94	ng	# 83
18) Hexachloroethane	7.20	117	180295	39.84	ng	# 91
19) n-Nitroso-di-n-propylamine	7.12	70	367787	43.60	ng	# 72
20) 3+4-Methylphenols	7.13	107	489944	43.26	ng	# 60
22) Acetophenone	7.10	105	618244	40.21	ng	# 97
24) Nitrobenzene	7.28	77	486322	36.47	ng	97
25) Isophorone	7.52	82	918978	38.21	ng	98
26) 2-Nitrophenol	7.60	139	243003	41.46	ng	# 82
27) 2,4-Dimethylphenol	7.65	122	413024	41.37	ng	95
28) bis(2-Chloroethoxy)methane	7.73	93	544684	41.99	ng	98
29) 2,4-Dichlorophenol	7.85	162	383227	43.61	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	393266	40.02	ng	96
31) Naphthalene	8.00	128	1318539	40.44	ng	99
32) Benzoic acid	7.80	122	222358	37.92	ng	# 80
33) 4-Chloroaniline	8.06	127	124090	9.80	ng	97
34) Hexachlorobutadiene	8.11	225	212275	37.23	ng	98
35) Caprolactam	8.44	113	70574	23.60	ng	# 64
36) 4-Chloro-3-methylphenol	8.56	107	419405	39.35	ng	89
37) 2-Methylnaphthalene	8.78	142	796600	41.80	ng	93
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	367359	41.11	ng	97
40) Hexachlorocyclopentadiene	8.84	237	397587	93.74	ng	93

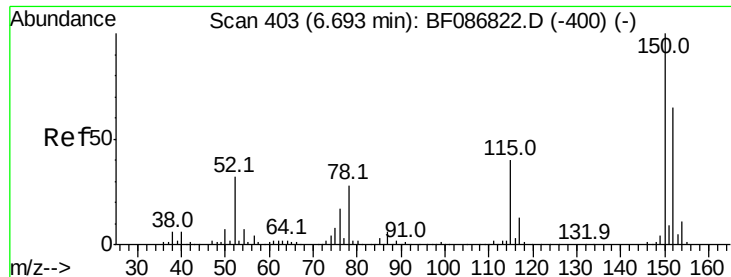
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	260534	43.60	nq	93
43) 2,4,5-Trichlorophenol	9.02	196	274709	44.45	nq #	92
45) 1,1'-Biphenyl	9.15	154	995059	40.70	nq	97
46) 2-Chloronaphthalene	9.17	162	767016	40.05	nq	94
47) 2-Nitroaniline	9.29	65	305112	43.59	nq	96
48) Acenaphthylene	9.58	152	1111977	39.47	nq	99
49) Dimethylphthalate	9.46	163	998559	42.59	nq	99
50) 2,6-Dinitrotoluene	9.53	165	238712	48.37	nq	87
51) Acenaphthene	9.76	154	733139	41.83	nq	99
52) 3-Nitroaniline	9.70	138	98313	18.92	nq	99
53) 2,4-Dinitrophenol	9.80	184	217007	85.47	nq #	69
54) Dibenzofuran	9.93	168	982941	43.69	nq	93
55) 4-Nitrophenol	9.88	139	238347	69.44	nq #	42
56) 2,4-Dinitrotoluene	9.93	165	248007	40.61	nq #	71
57) Fluorene	10.27	166	782495	40.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	211897	45.55	nq	96
59) Diethylphthalate	10.16	149	887259	38.83	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	393448	47.90	nq #	80
61) 4-Nitroaniline	10.32	138	215709	43.23	nq #	77
62) Azobenzene	10.43	77	1132016	45.92	nq	87
64) 4,6-Dinitro-2-methylphenol	10.34	198	162707	46.11	nq	86
65) n-Nitrosodiphenylamine	10.38	169	762240	43.68	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	234754	40.76	nq	95
67) Hexachlorobenzene	10.82	284	293428	43.60	nq	97
68) Atrazine	10.92	200	227919	39.10	nq	96
69) Pentachlorophenol	11.01	266	280548	90.19	nq	97
70) Phenanthrene	11.23	178	1336877	44.10	nq	100
71) Anthracene	11.28	178	1207527	38.95	nq	100
72) Carbazole	11.44	167	1092471	40.99	nq	98
73) Di-n-butylphthalate	11.77	149	1361520	41.84	nq #	98
74) Fluoranthene	12.41	202	1266773	40.63	nq	97
76) Benzidine	12.54	184	383521	40.24	nq	96
77) Pyrene	12.64	202	1361561	47.57	nq	100
79) Butylbenzylphthalate	13.27	149	624574	51.59	nq	92
80) Benzo(a)anthracene	13.81	228	977934	46.60	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	229429	17.21	nq #	96
82) Chrysene	13.86	228	1079623	50.57	nq	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	734015	50.41	nq #	99
84) Di-n-octyl phthalate	14.43	149	1349053	55.93	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.50	276	807822	45.48	nq	95
87) Benzo(b)fluoranthene	14.85	252	1871323	80.67	nq #	94
88) Benzo(k)fluoranthene	14.85	252	1872515	98.58	nq #	97
89) Benzo(a)pyrene	15.15	252	853660	42.66	nq	98
90) Dibenzo(a,h)anthracene	16.50	278	671092	39.80	nq	98
91) Benzo(g,h,i)perylene	16.88	276	671725	39.20	nq #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

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BNA_F

ClientSampleId :

PB90456BS

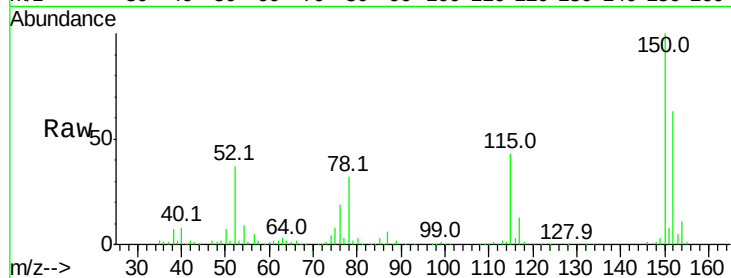
Tot Ion:152 Resp: 152946

Ion Ratio Lower Upper

152 100

150 159.2 125.8 188.6

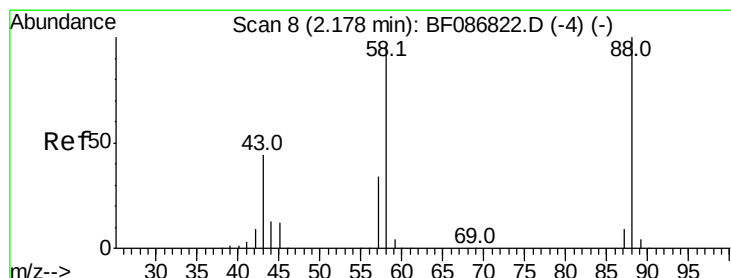
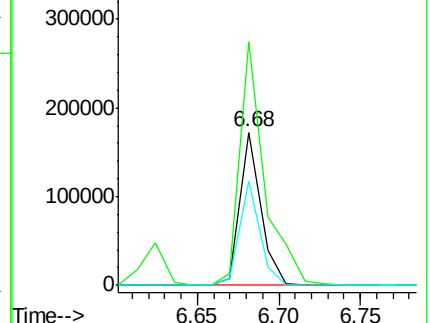
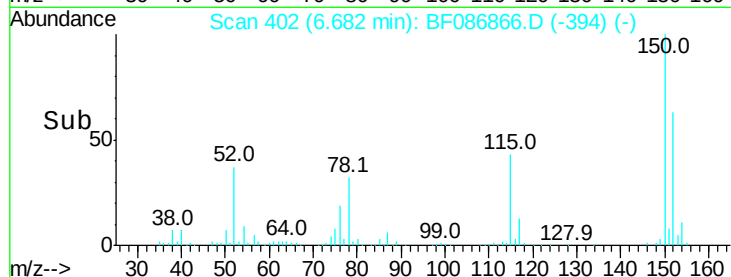
115 67.7 51.5 77.3



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: 34.58 ng

RT: 2.27 min Scan# 16

Delta R.T. 0.09 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

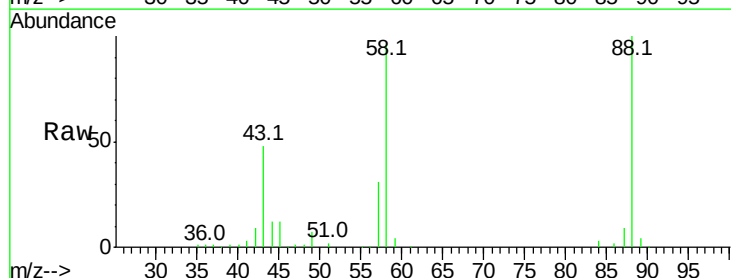
Tgt Ion: 88 Resp: 153315

Ion Ratio Lower Upper

88 100

58 95.1 59.6 89.4#

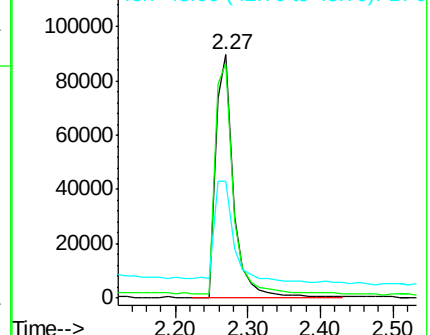
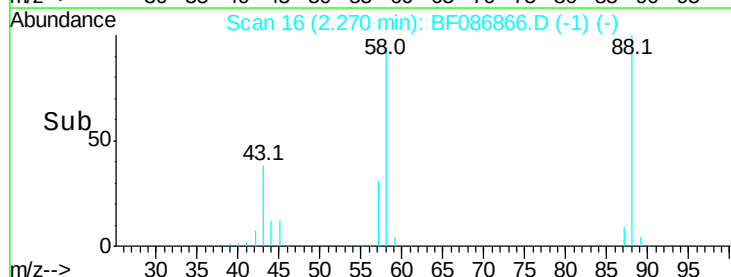
43 46.1 21.8 32.6#

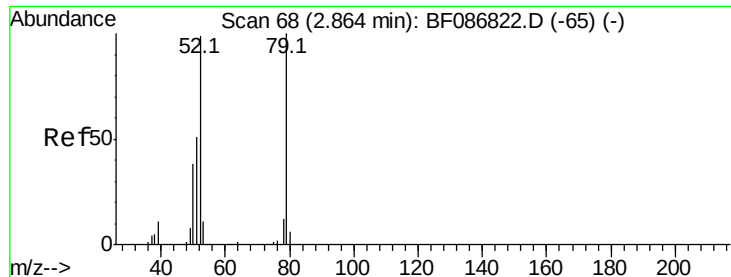


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.49 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.07 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

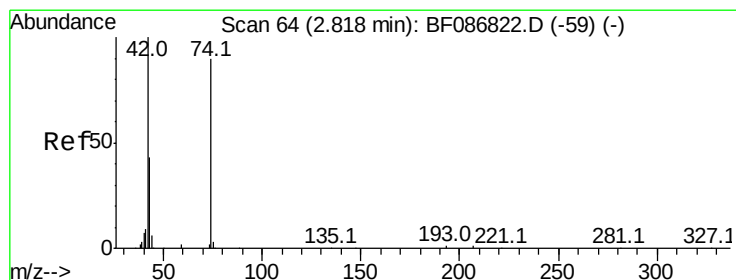
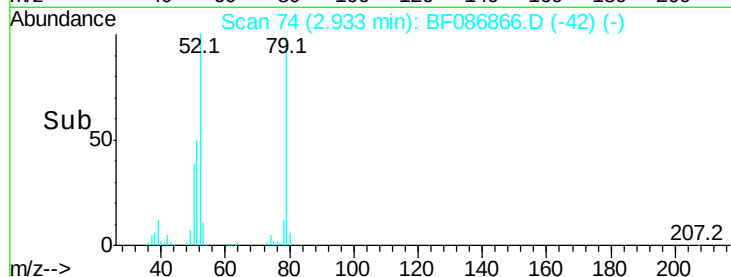
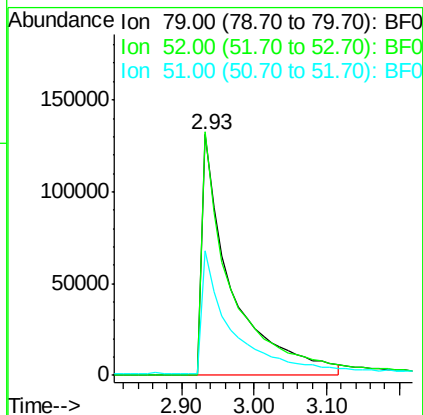
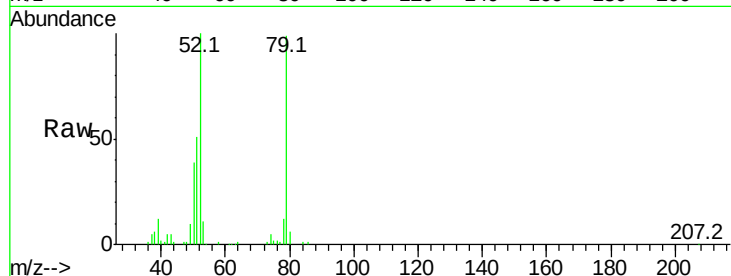
Tot Ion: 79 Resp: 373880

Ion Ratio Lower Upper

79 100

52 101.1 55.9 83.9#

51 51.9 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.81 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.07 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

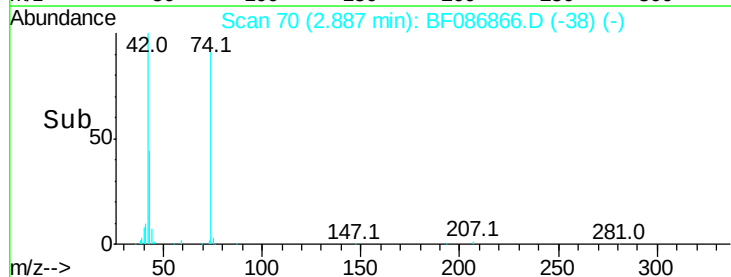
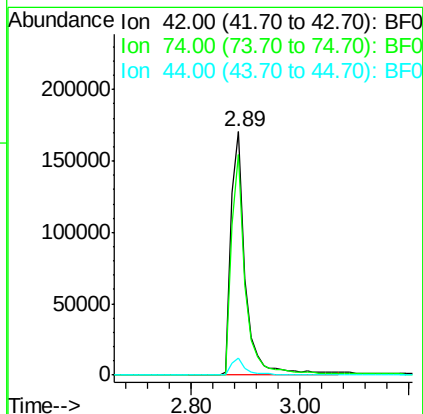
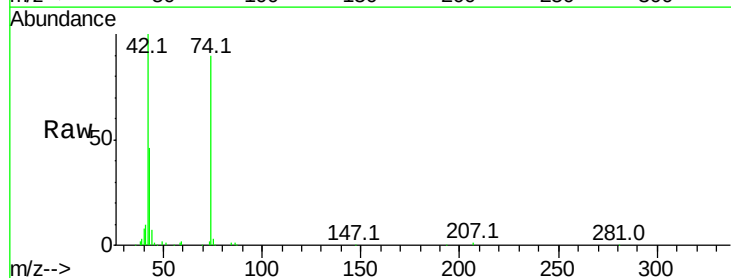
Tgt Ion: 42 Resp: 305068

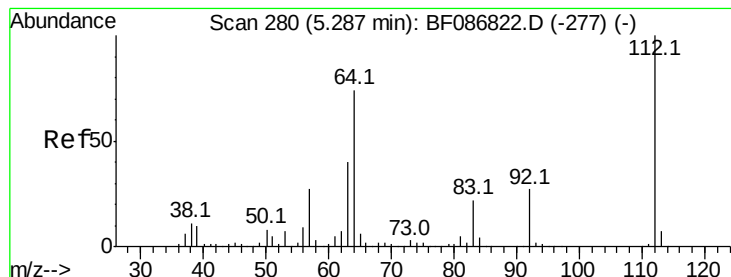
Ion Ratio Lower Upper

42 100

74 90.4 123.4 185.0#

44 6.8 5.8 8.6





#5

2-Fluorophenol

Concen: 112.50 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleID :

PB90456BS

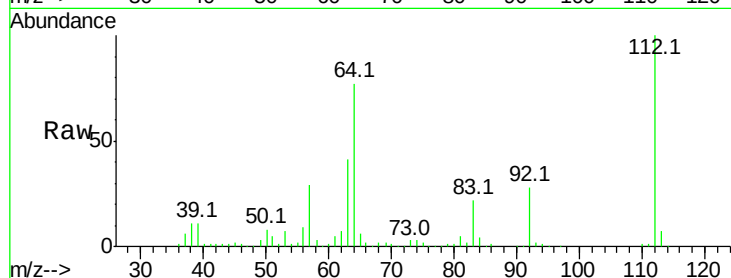
Tot Ion:112 Resp: 1016002

Ion Ratio Lower Upper

112 100

64 76.6 52.1 78.1

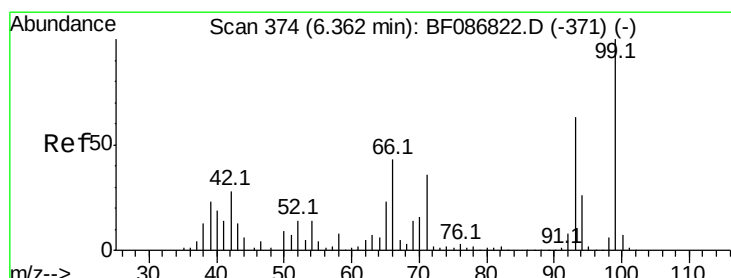
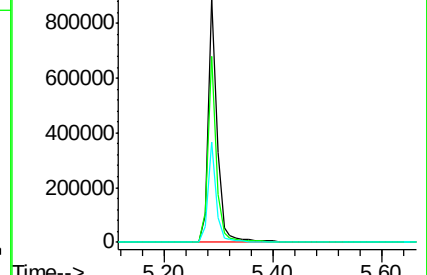
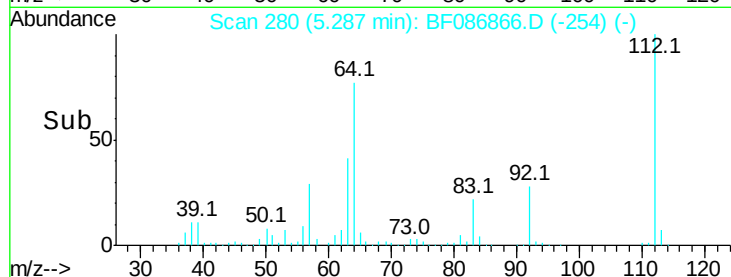
63 41.4 25.7 38.5#



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: 21.73 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

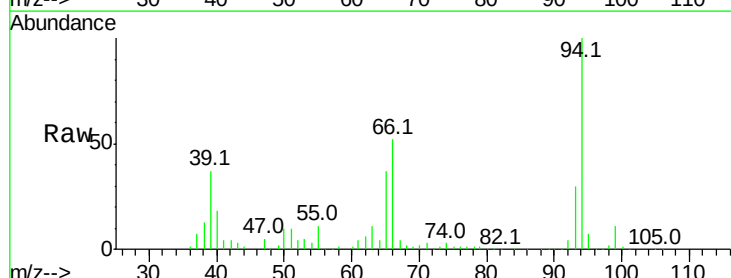
Tgt Ion: 93 Resp: 317249

Ion Ratio Lower Upper

93 100

66 174.3 39.0 58.6#

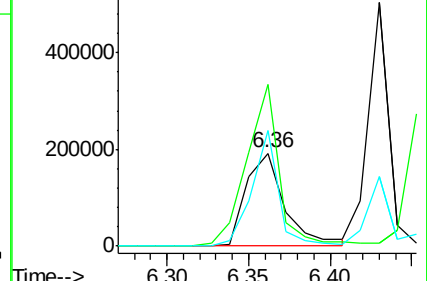
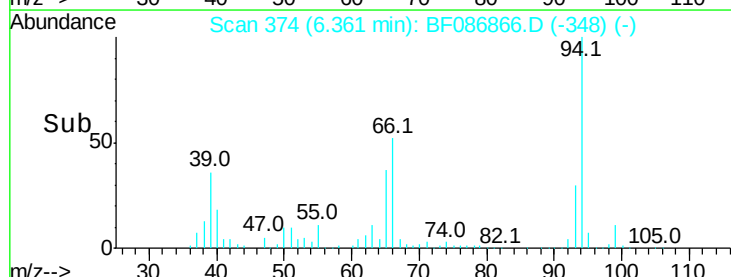
65 124.0 20.6 31.0#

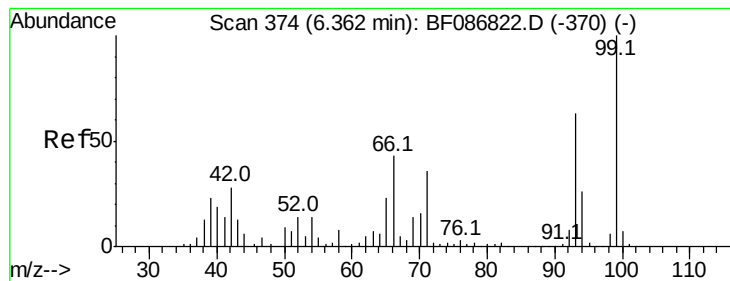


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.17 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

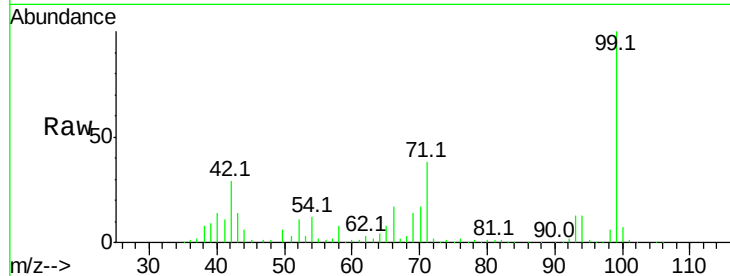
Tot Ion: 99 Resp: 1414200

Ion Ratio Lower Upper

99 100

42 28.5 13.6 20.4#

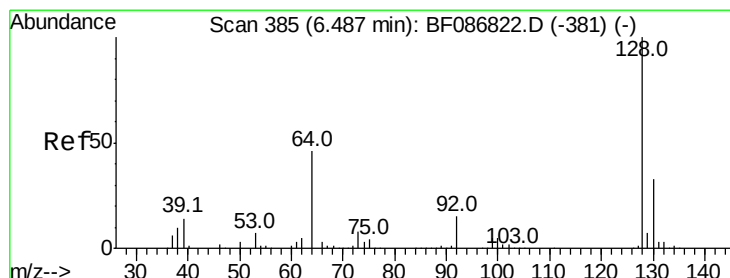
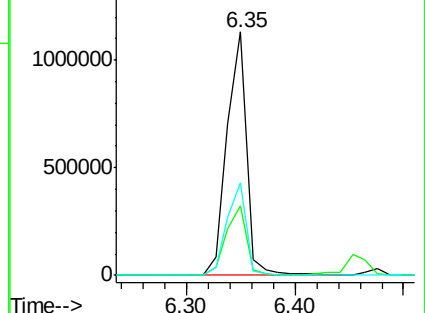
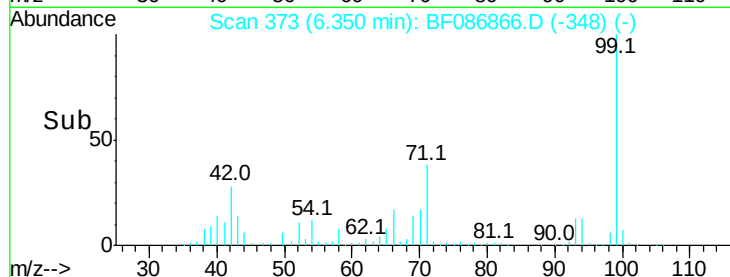
71 38.0 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.75 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

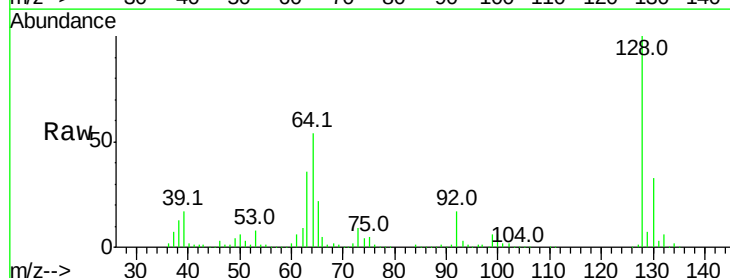
Tgt Ion:128 Resp: 444083

Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

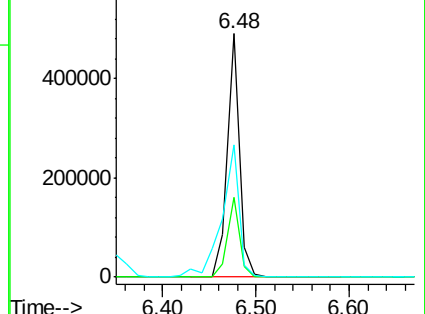
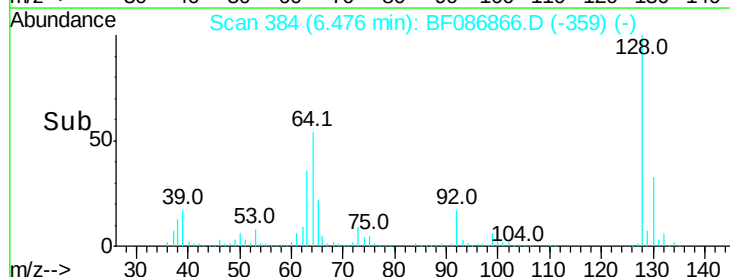
64 54.3 27.3 67.3

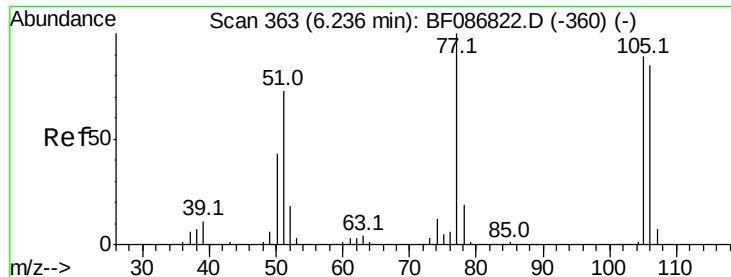


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

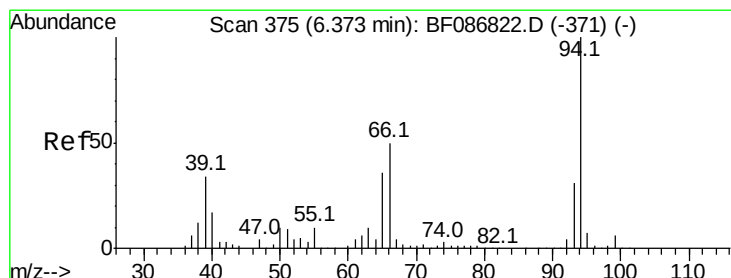
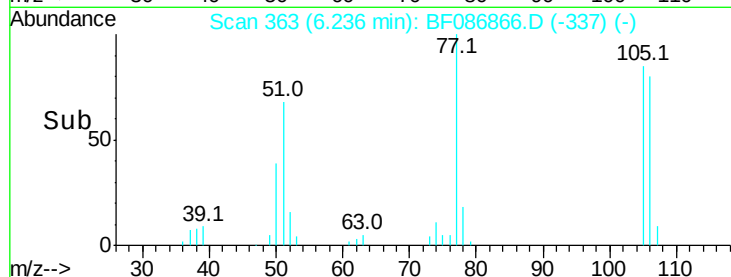
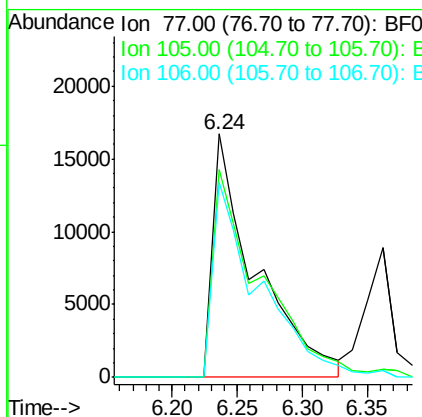
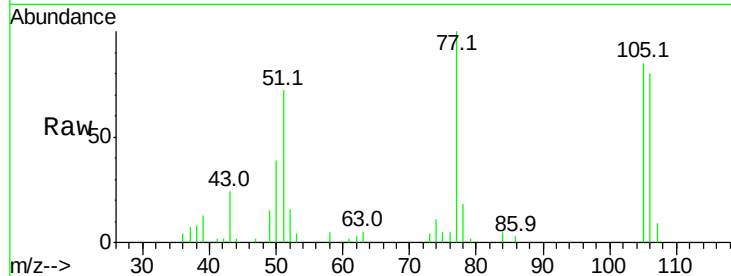




#9
Benzaldehyde
Concen: 5.46 ng
RT: 6.24 min Scan# 363
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

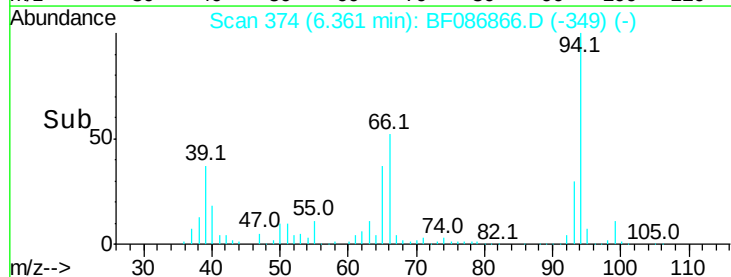
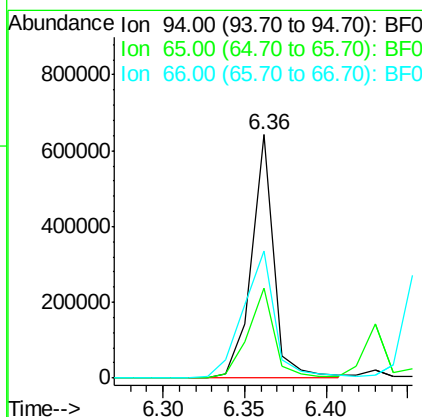
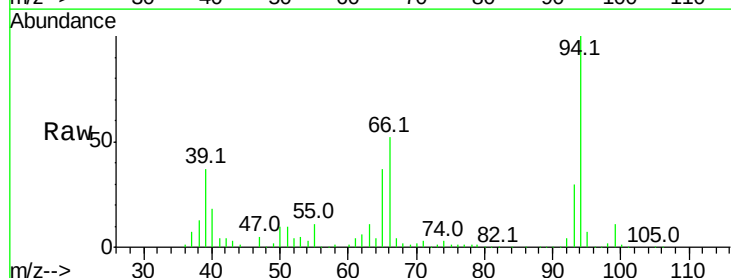
Instrument :
BNA_F
ClientSampleId :
PB90456BS

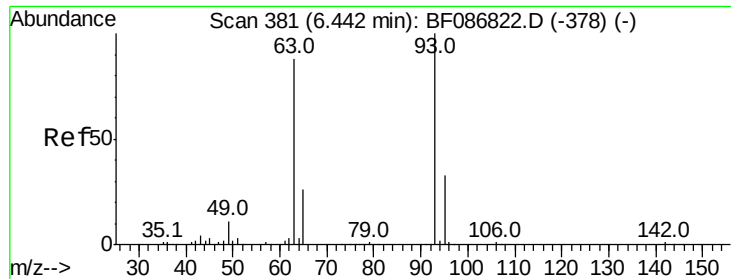
Tot Ion: 77 Resp: 38133
Ion Ratio Lower Upper
77 100
105 85.4 72.7 112.7
106 80.2 70.8 110.8



#10
Phenol
Concen: 42.69 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion: 94 Resp: 612483
Ion Ratio Lower Upper
94 100
65 37.1 7.2 47.2
66 52.2 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 38.06 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

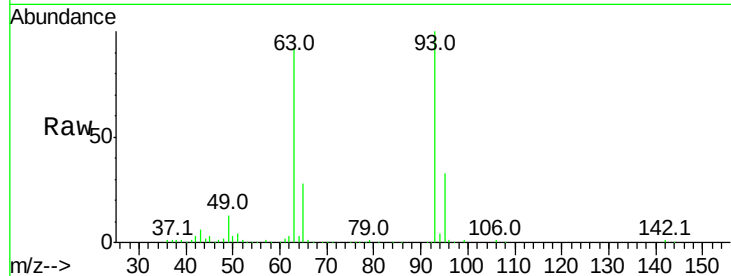
Tot Ion: 93 Resp: 425760

Ion Ratio Lower Upper

93 100

63 92.5 58.0 98.0

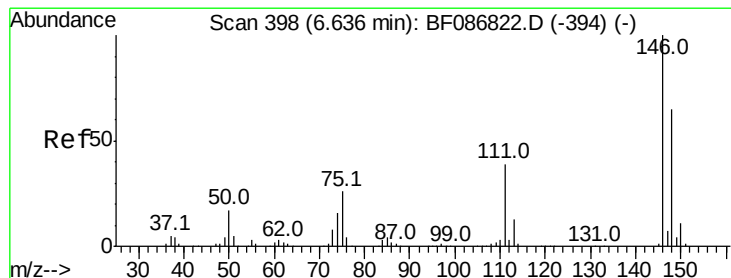
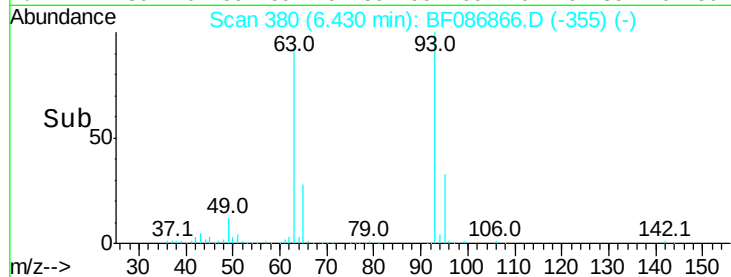
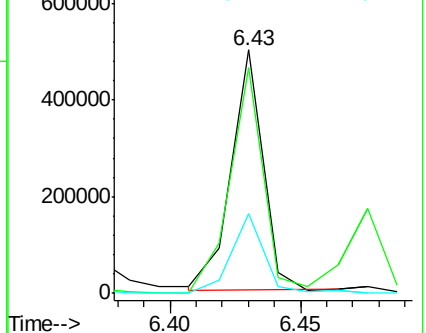
95 32.5 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.02 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

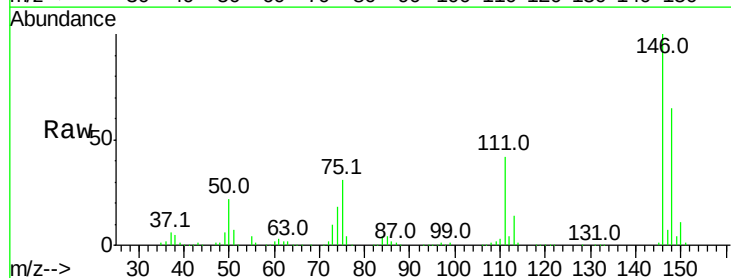
Tgt Ion: 146 Resp: 460155

Ion Ratio Lower Upper

146 100

148 65.3 52.4 78.6

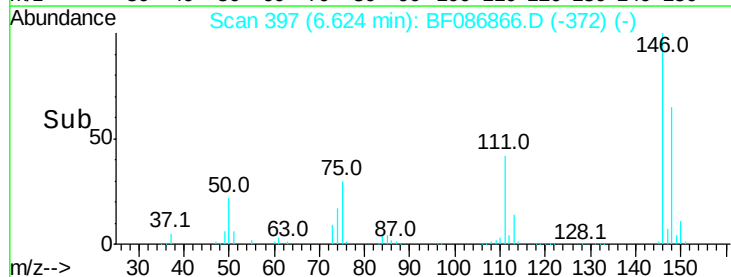
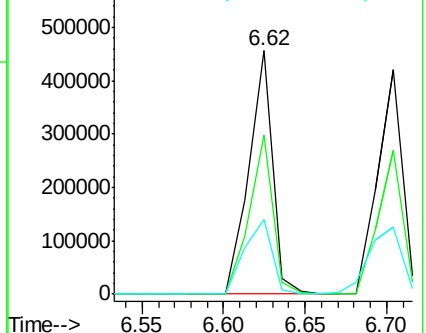
75 30.6 22.8 34.2

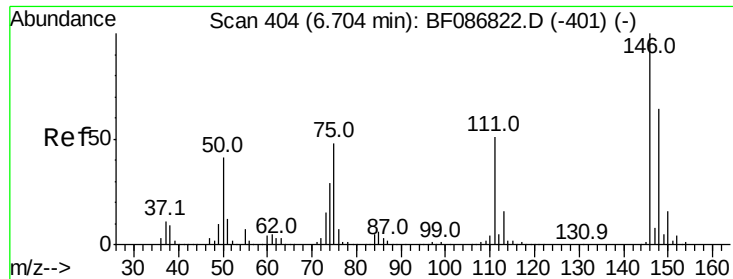


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

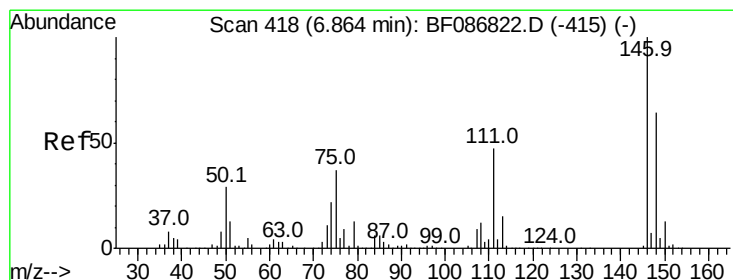
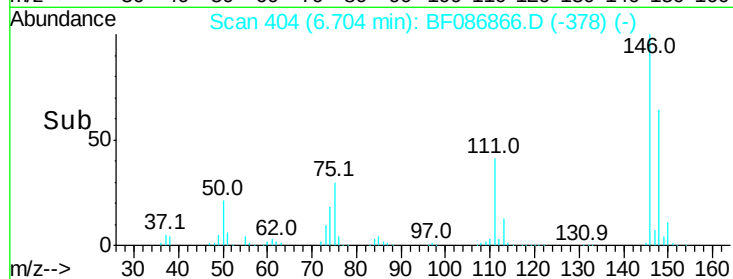
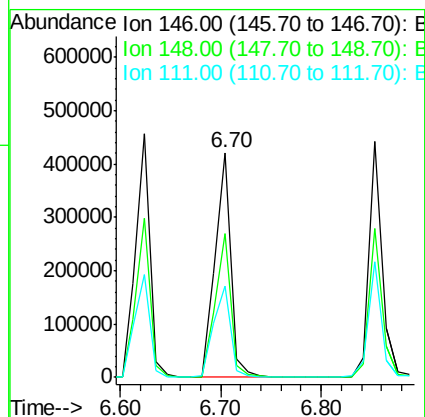
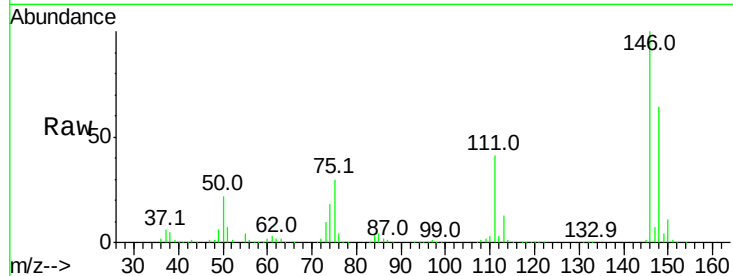




#13
 1,4-Dichlorobenzene
 Concen: 38.19 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

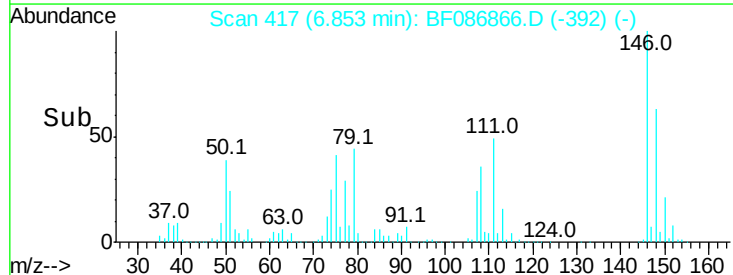
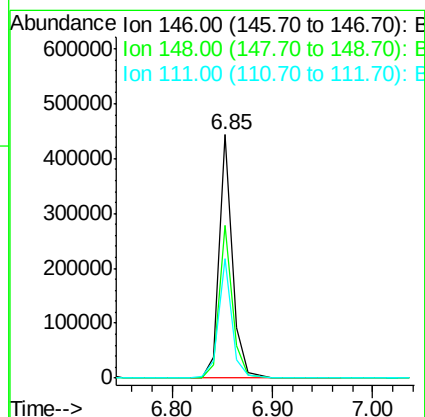
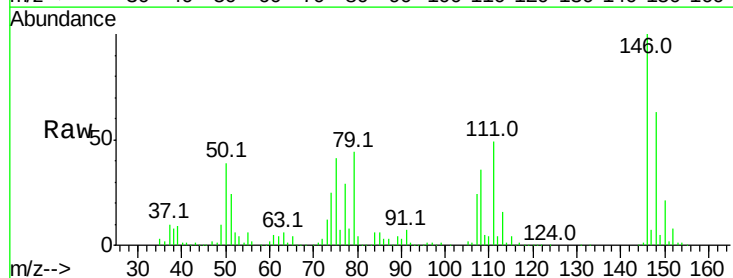
Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

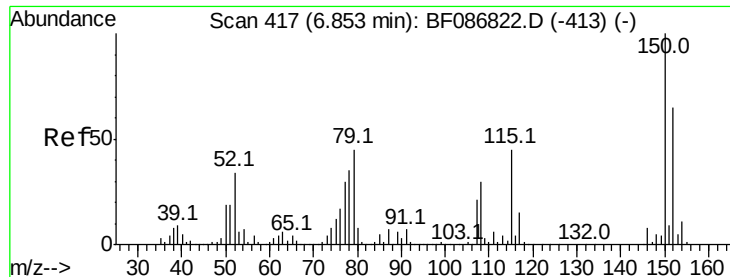
Tot Ion:146 Resp: 459299
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 111 40.6 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 38.87 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion:146 Resp: 407428
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.0 76.6
 111 49.0 36.2 54.4

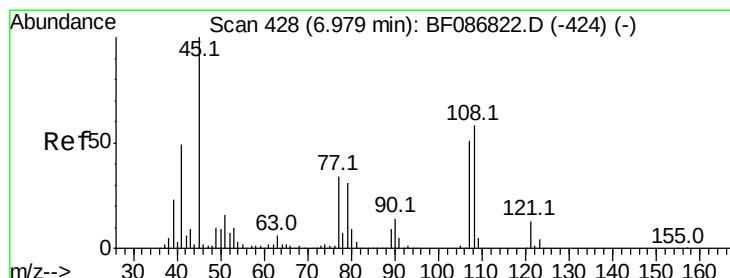
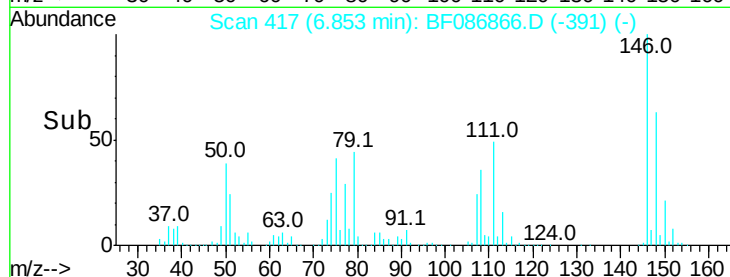
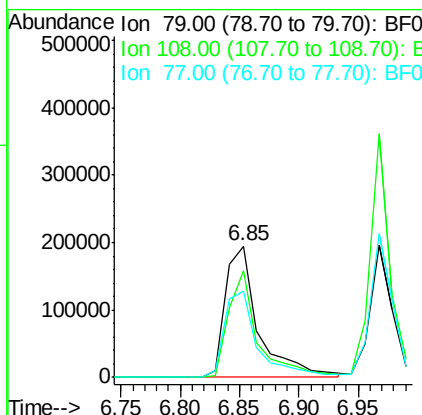
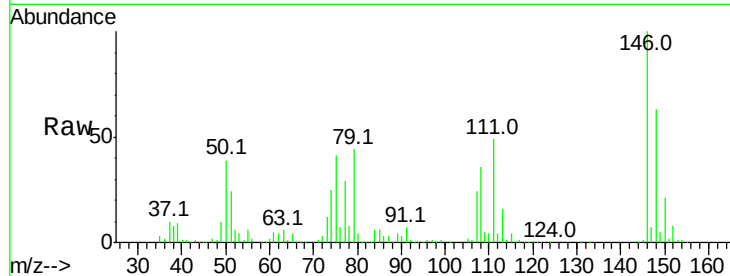




#15
Benzyl Alcohol
Concen: 45.16 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

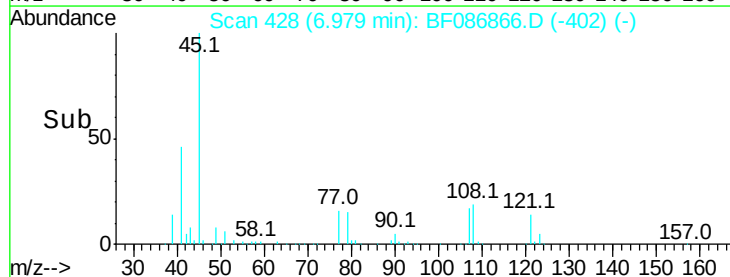
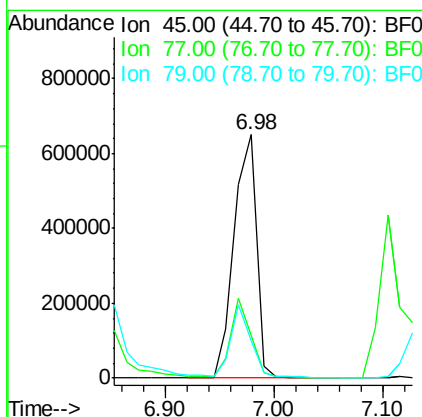
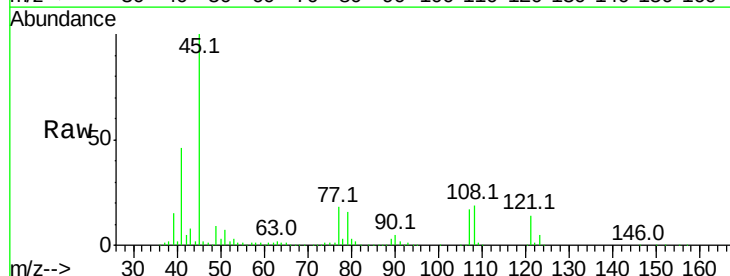
Instrument :
BNA_F
ClientSampleId :
PB90456BS

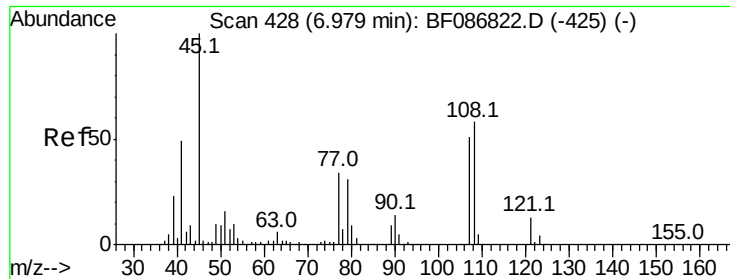
Tot Ion: 79 Resp: 376396
Ion Ratio Lower Upper
79 100
108 81.6 68.4 102.6
77 65.6 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.97 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion: 45 Resp: 923586
Ion Ratio Lower Upper
45 100
77 17.5 0.0 36.4
79 15.5 0.0 33.4





#17

2-Methylphenol

Concen: 42.94 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleID :

PB90456BS

Tot Ion:107 Resp: 372367

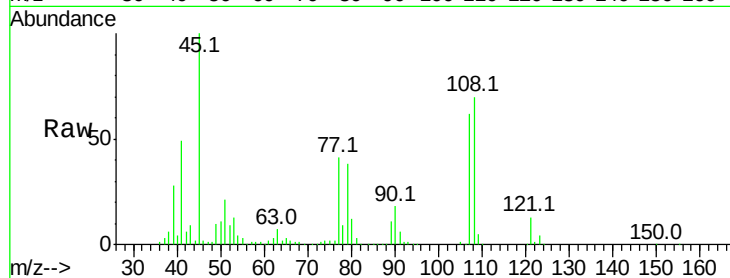
Ion Ratio Lower Upper

107 100

108 112.3 93.7 140.5

77 66.3 33.4 50.0#

79 61.1 34.3 51.5#

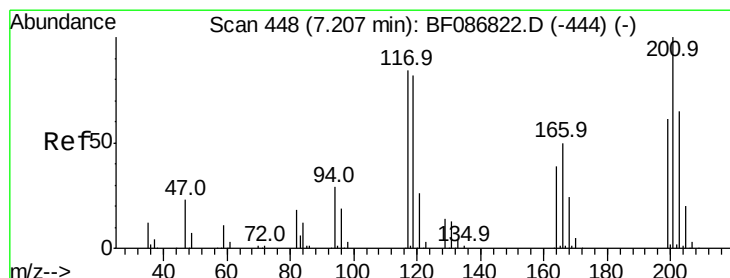
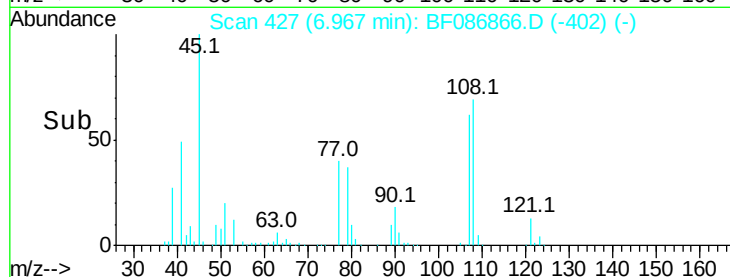
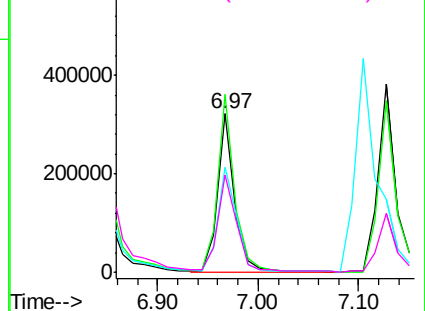


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.84 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

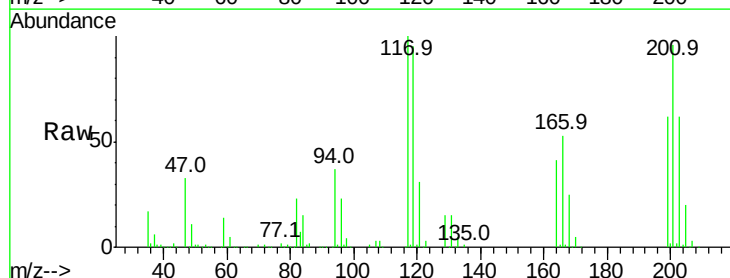
Tgt Ion:117 Resp: 180295

Ion Ratio Lower Upper

117 100

119 95.0 76.5 114.7

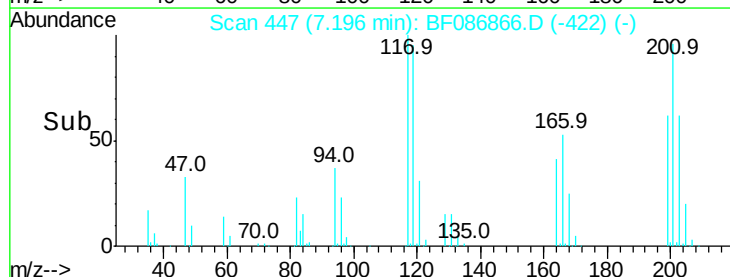
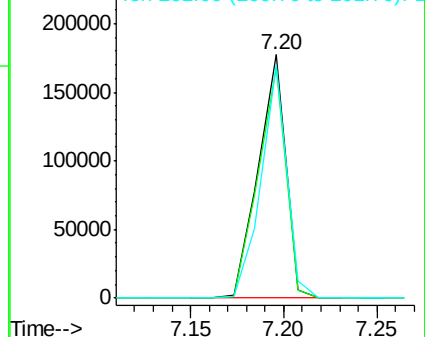
201 95.9 63.0 94.6#

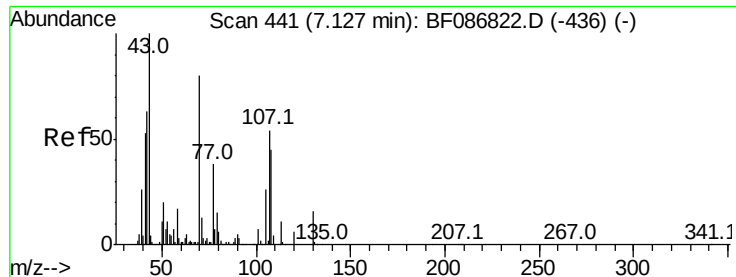


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

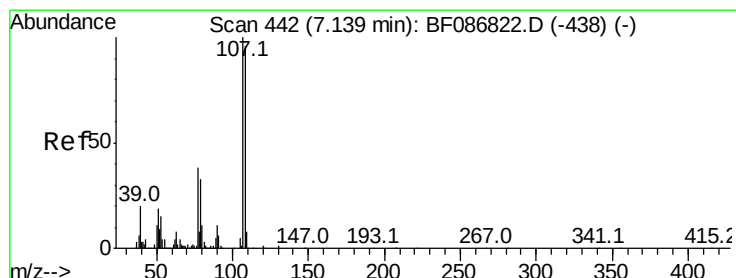
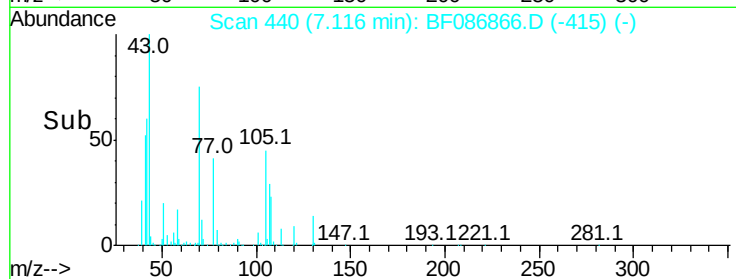
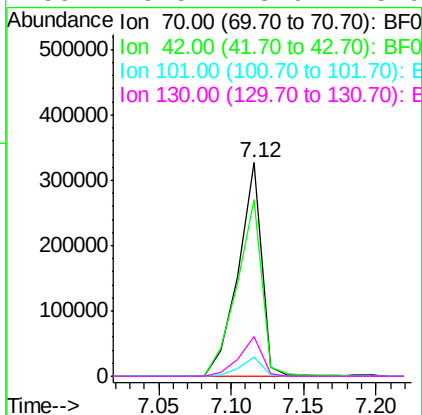
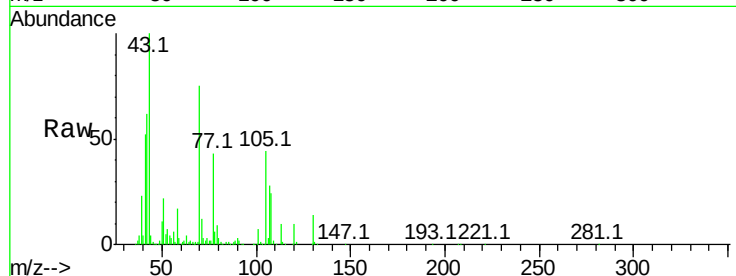




#19
n-Nitroso-di-n-propylamine
Concen: 43.60 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

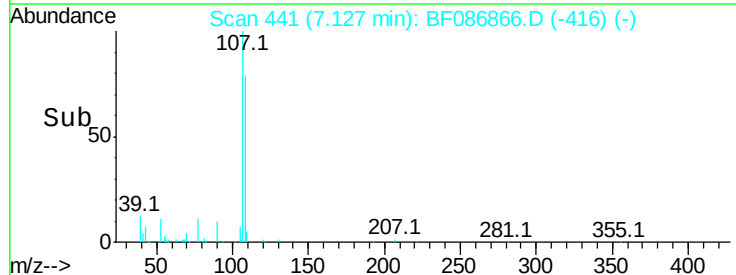
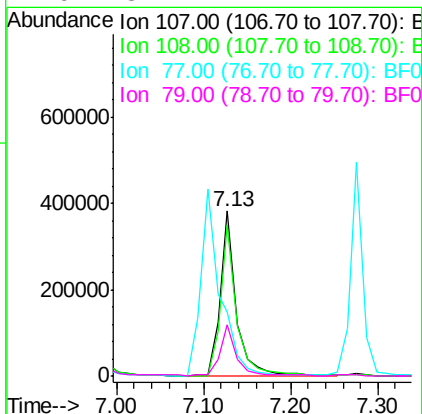
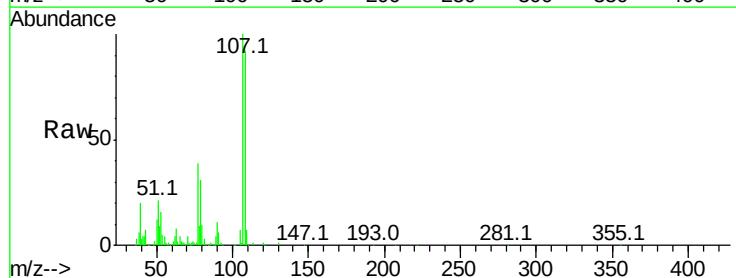
Instrument :
BNA_F
ClientSampleId :
PB90456BS

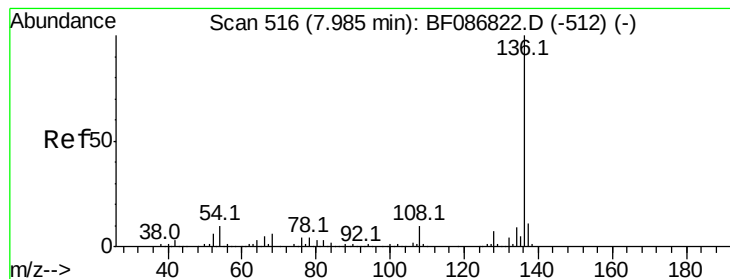
Tot Ion	Ratio	Lower	Upper
70	100		
42	82.5	43.1	64.7#
101	9.0	8.1	12.1
130	18.5	18.6	28.0#



#20
3+4-Methylphenols
Concen: 43.26 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.5	108.5
77	39.2	101.6	141.6#
79	31.4	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

Tot Ion:136 Resp: 650879

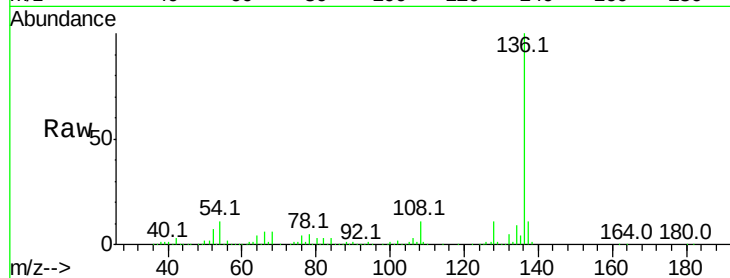
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 11.3 5.0 7.4#

68 6.5 4.4 6.6

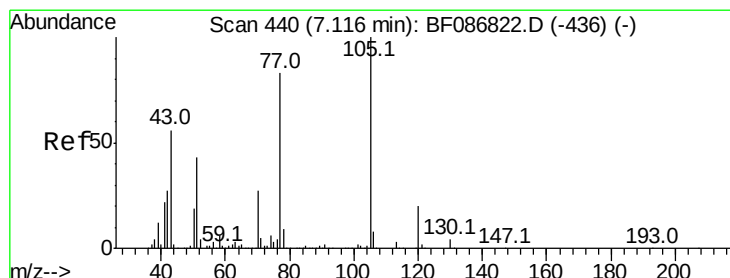
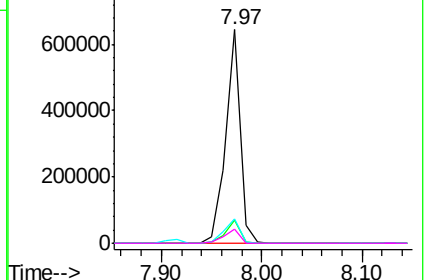
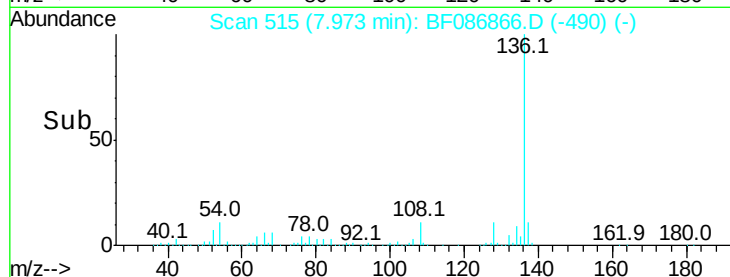


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 40.21 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion:105 Resp: 618244

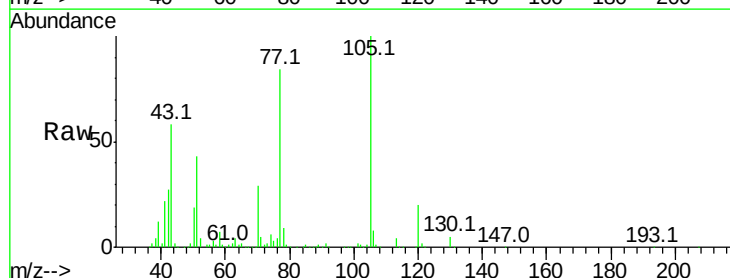
Ion Ratio Lower Upper

105 100

71 4.8 4.8 7.2#

51 42.9 32.6 49.0

120 20.4 16.5 24.7

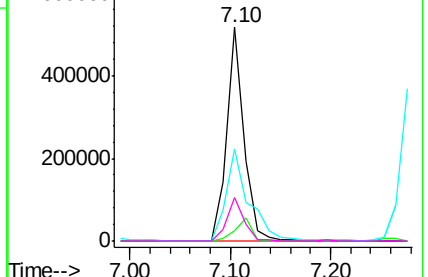
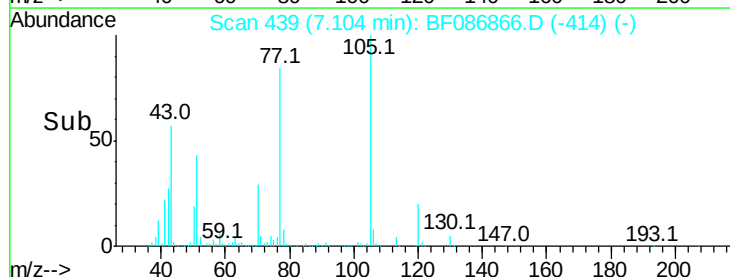


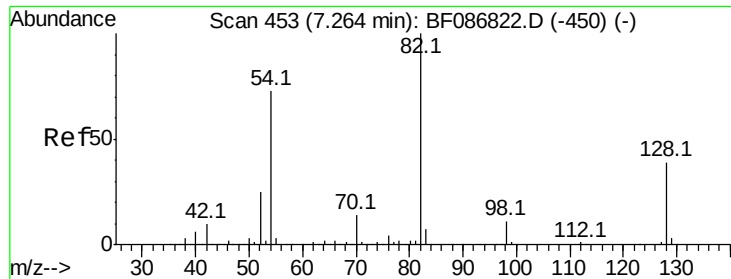
Abundance Ion 105.00 (104.70 to 105.70): E

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

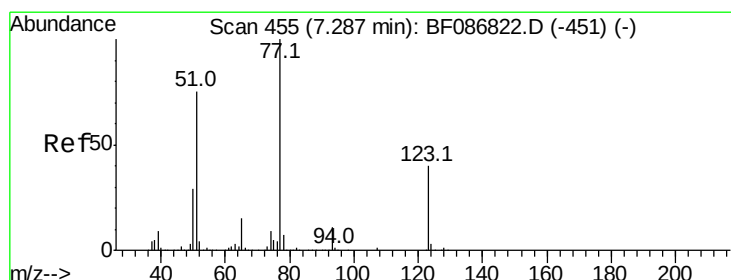
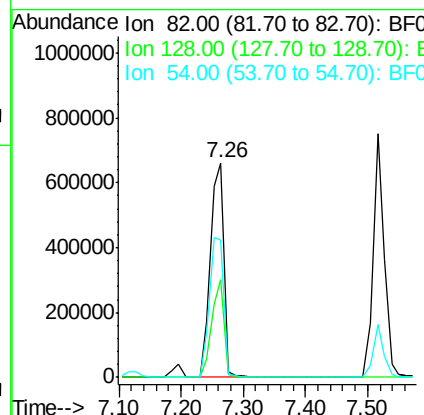
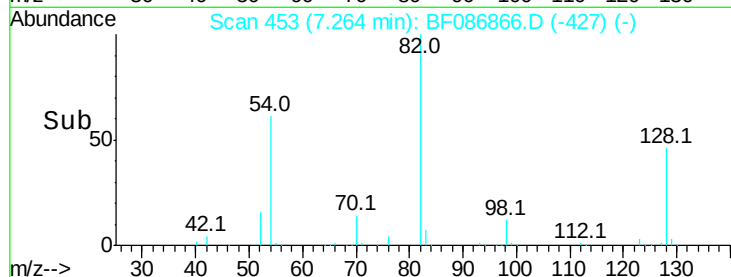
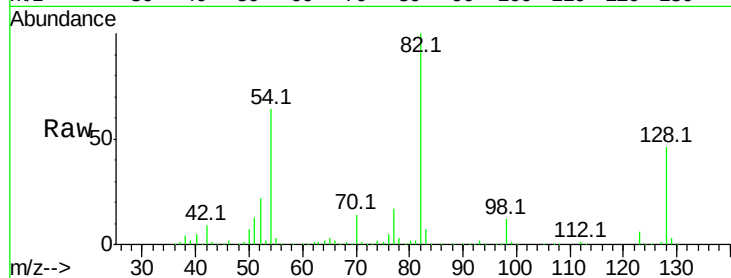




#23
 Nitrobenzene-d5
 Concen: 77.66 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

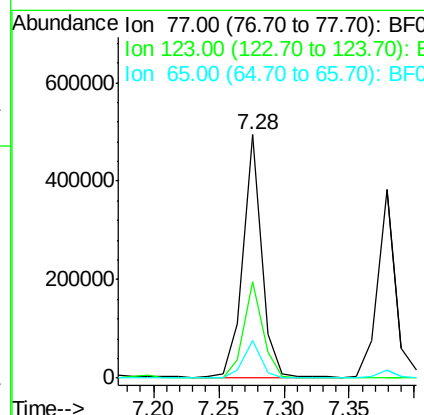
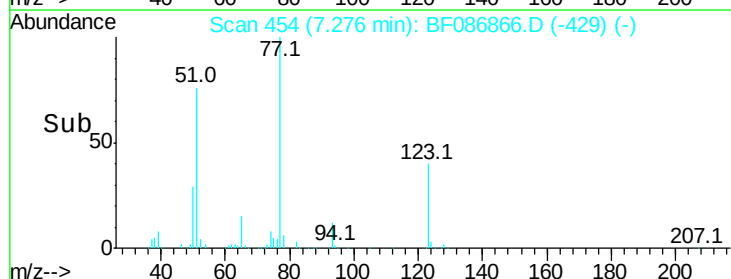
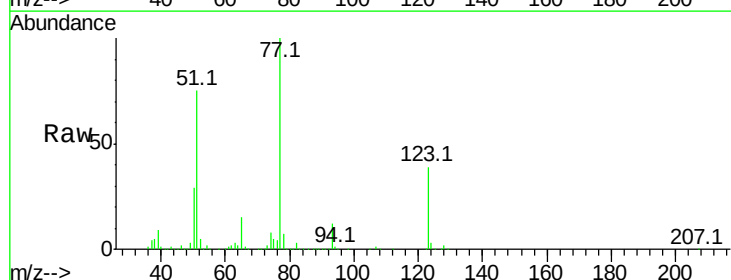
Instrument :
 BNA_F
 ClientSampleID :
 PB90456BS

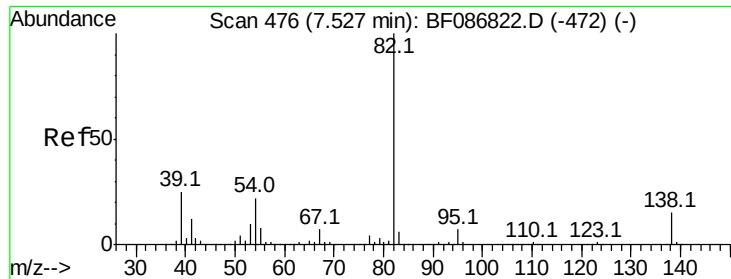
Tot Ion: 82 Resp: 1006627
 Ion Ratio Lower Upper
 82 100
 128 45.7 40.6 61.0
 54 63.7 38.1 57.1#



#24
 Nitrobenzene
 Concen: 36.47 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion: 77 Resp: 486322
 Ion Ratio Lower Upper
 77 100
 123 39.4 33.0 49.4
 65 15.2 10.8 16.2





#25

Isophorone

Concen: 38.21 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

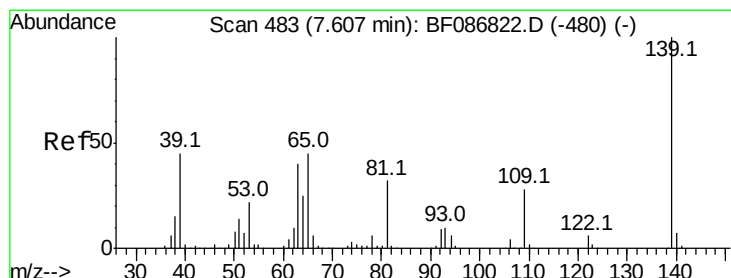
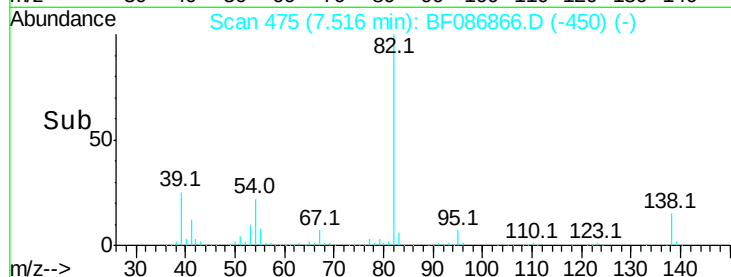
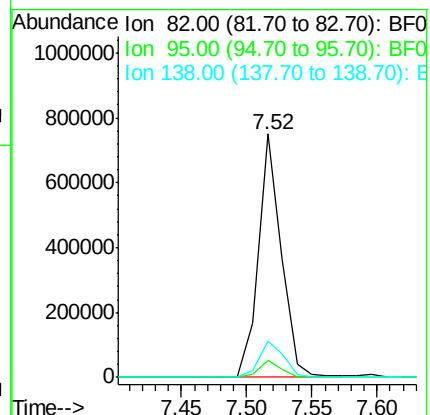
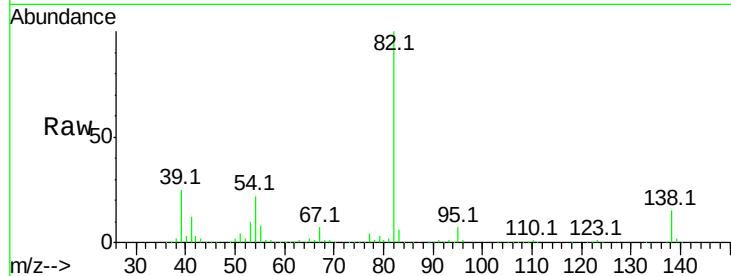
Tot Ion: 82 Resp: 918978

Ion Ratio Lower Upper

82 100

95 6.9 5.1 7.7

138 14.8 12.4 18.6



#26

2-Nitrophenol

Concen: 41.46 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

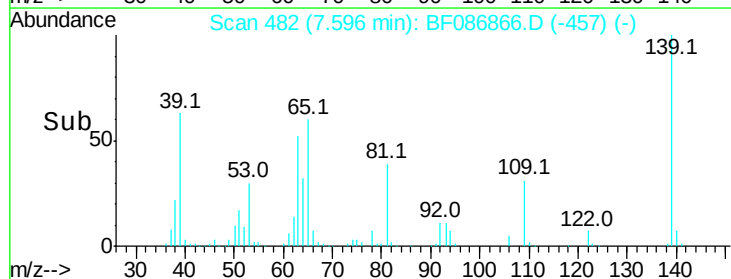
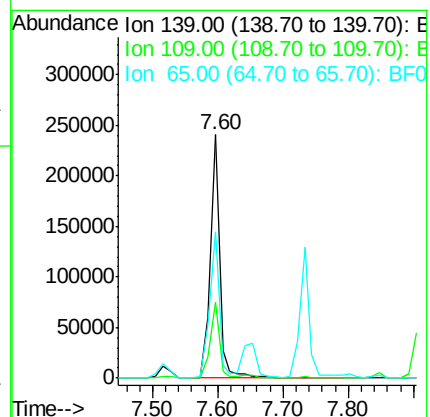
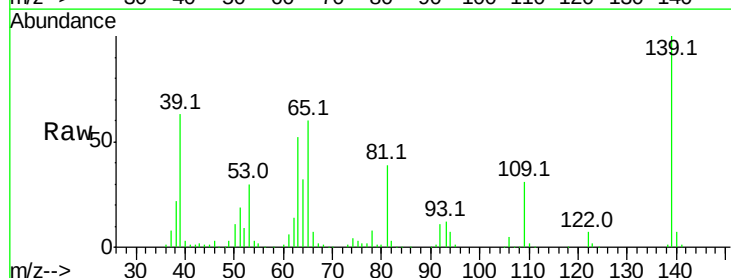
Tgt Ion: 139 Resp: 243003

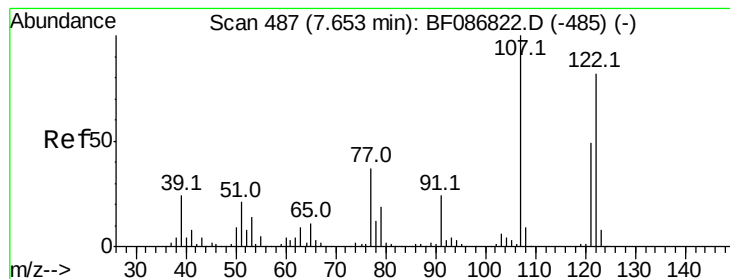
Ion Ratio Lower Upper

139 100

109 31.4 19.5 29.3#

65 60.4 37.5 56.3#

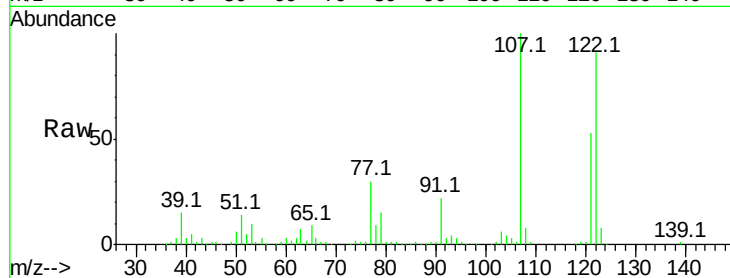




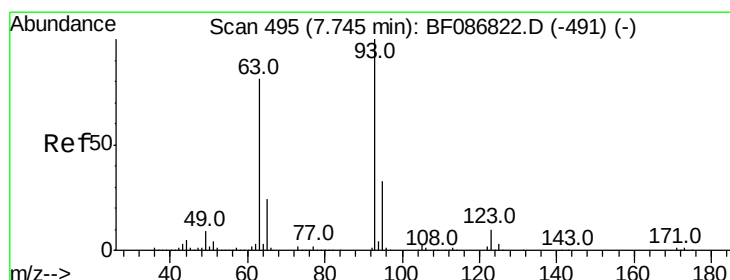
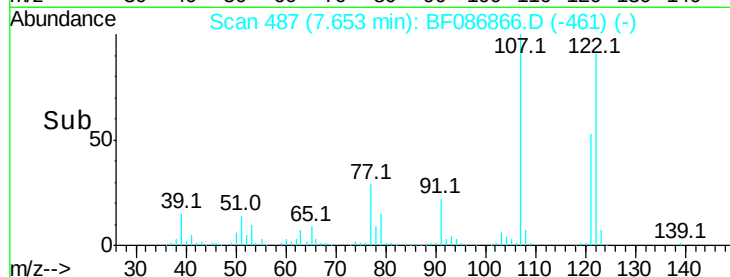
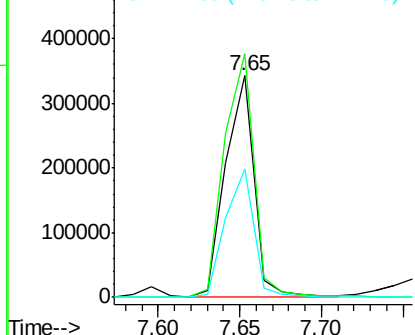
#27
 2,4-Dimethylphenol
 Concen: 41.37 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion:122 Resp: 413024
 Ion Ratio Lower Upper
 122 100
 107 109.8 82.0 123.0
 121 58.1 46.1 69.1

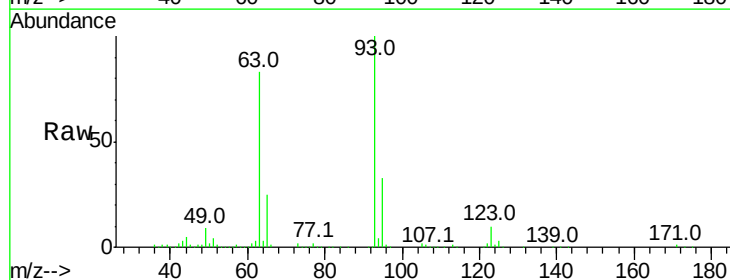


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

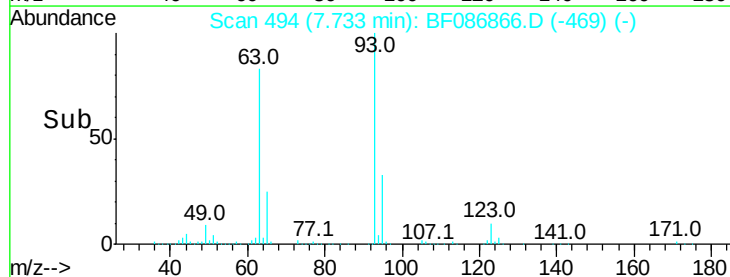
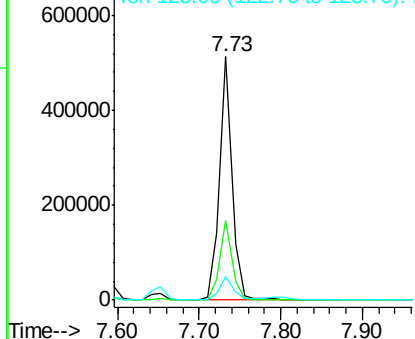


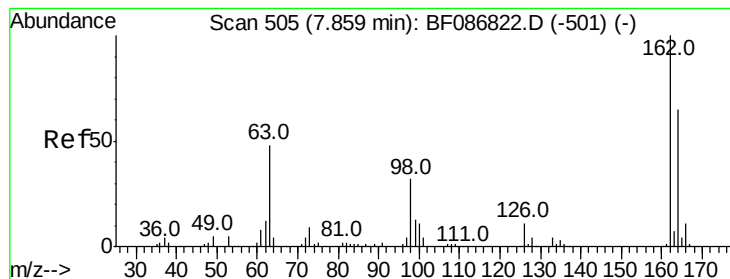
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.99 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion: 93 Resp: 544684
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 9.7 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.61 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleID :

PB90456BS

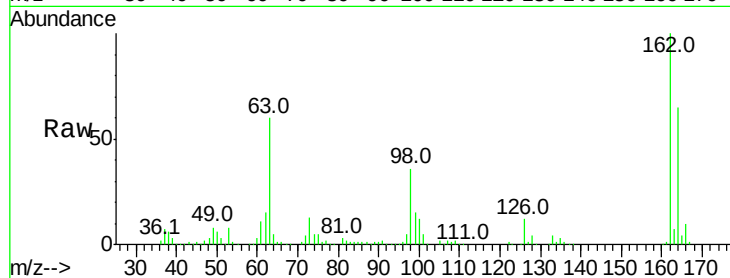
Tot Ion:162 Resp: 383227

Ion Ratio Lower Upper

162 100

164 65.0 42.2 82.2

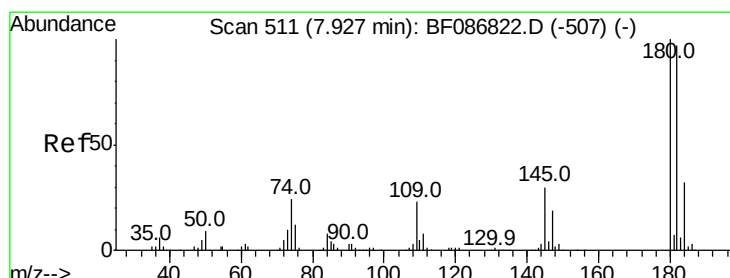
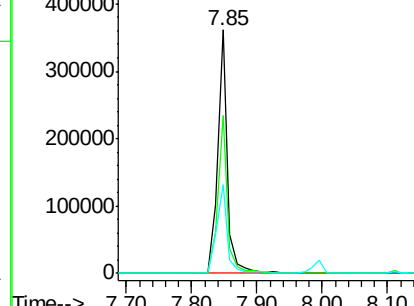
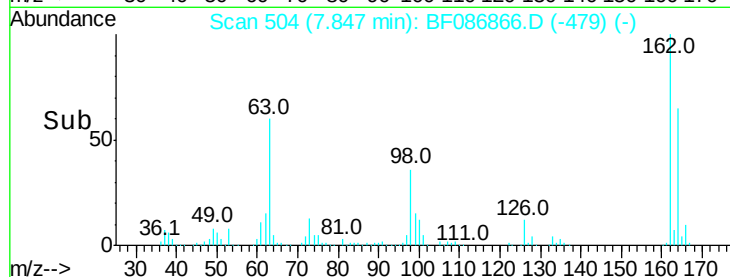
98 36.2 19.0 59.0



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: 40.02 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

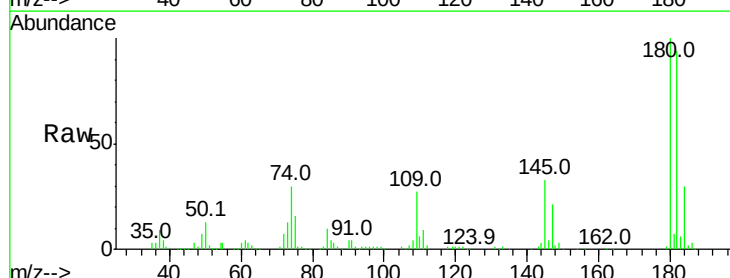
Tgt Ion:180 Resp: 393266

Ion Ratio Lower Upper

180 100

182 93.9 78.0 117.0

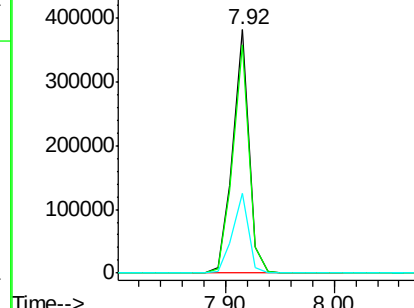
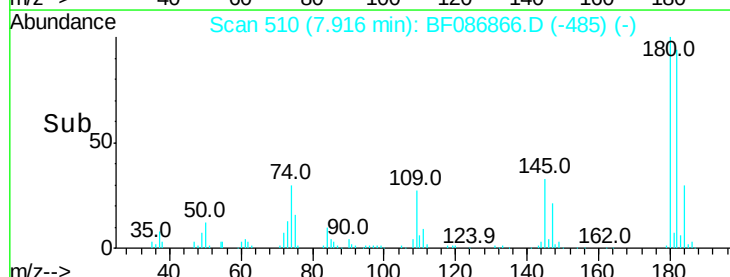
145 32.5 24.2 36.2

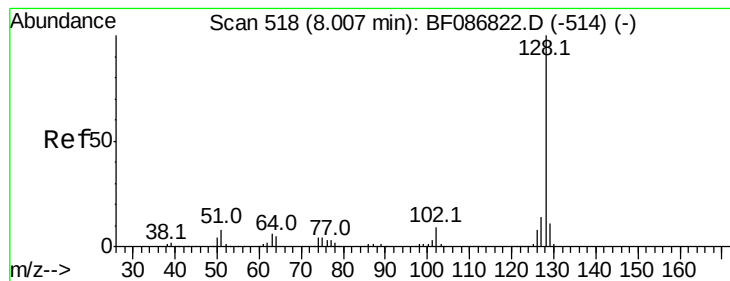


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.44 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

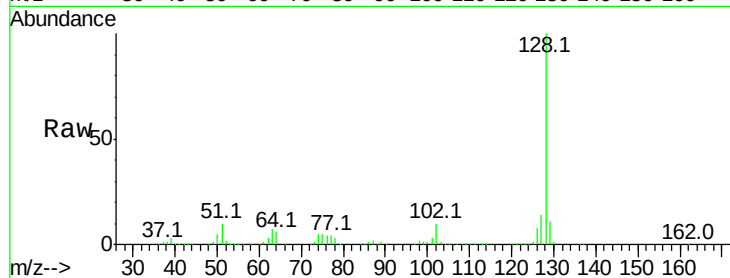
Tot Ion:128 Resp: 1318539

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

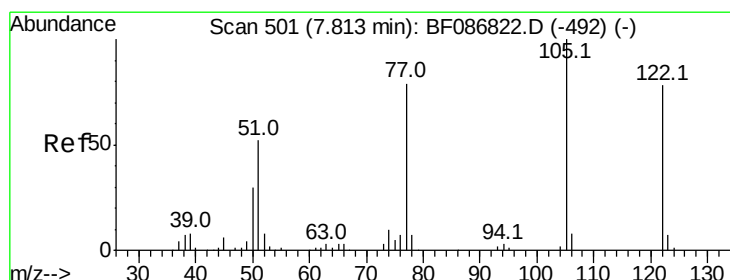
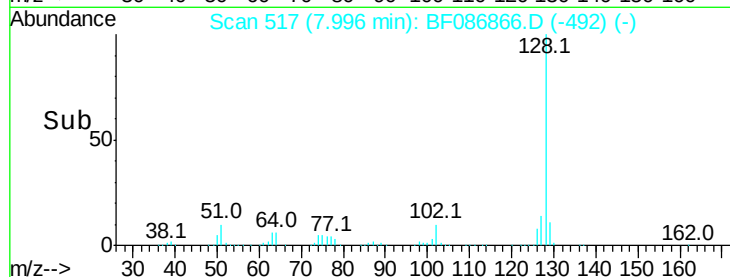
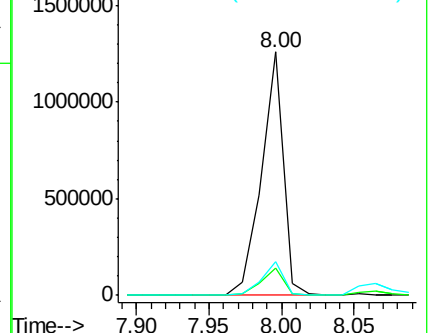
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.92 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

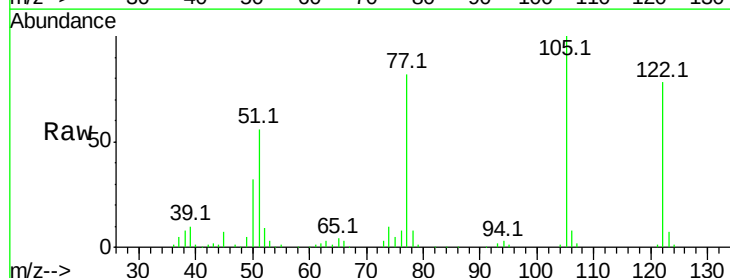
Tgt Ion:122 Resp: 222358

Ion Ratio Lower Upper

122 100

105 127.8 92.6 132.6

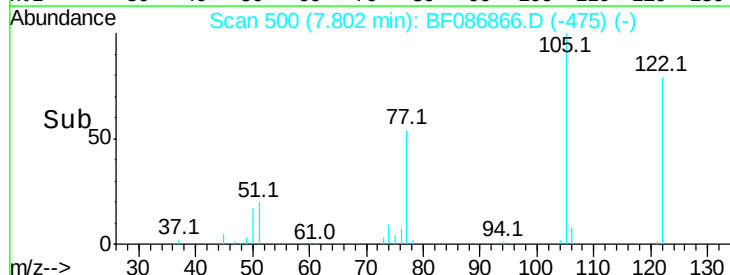
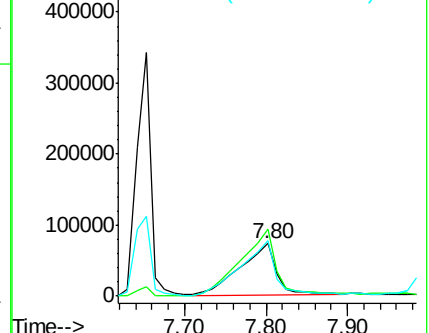
77 105.2 60.0 100.0#

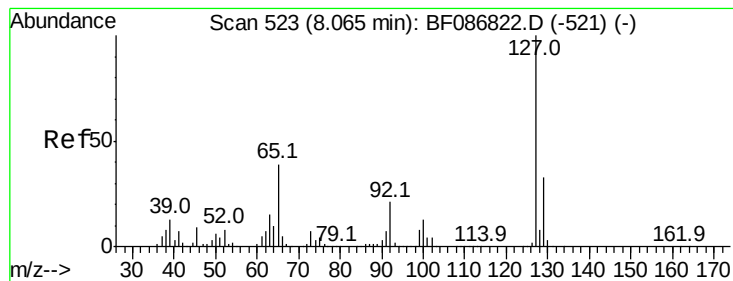


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.80 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

Tot Ion:127 Resp: 124090

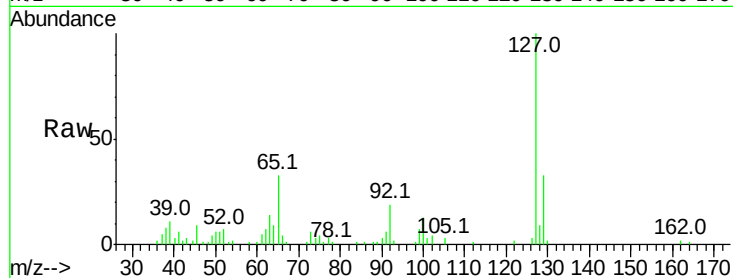
Ion Ratio Lower Upper

127 100

129 32.8 26.2 39.4

65 33.0 23.0 34.4

92 19.1 15.1 22.7

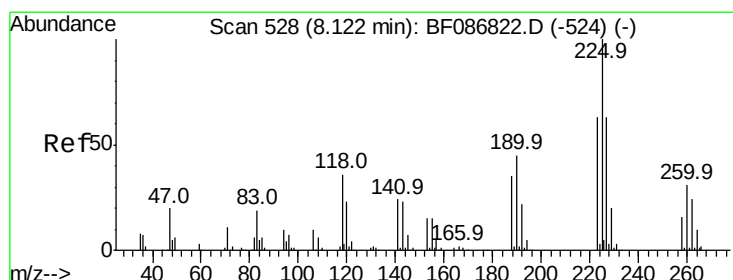
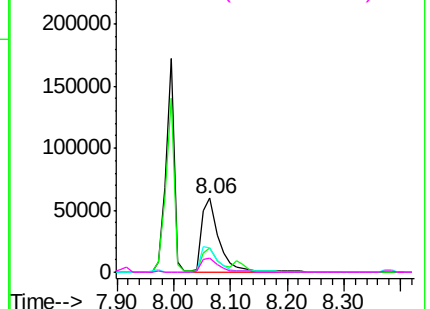
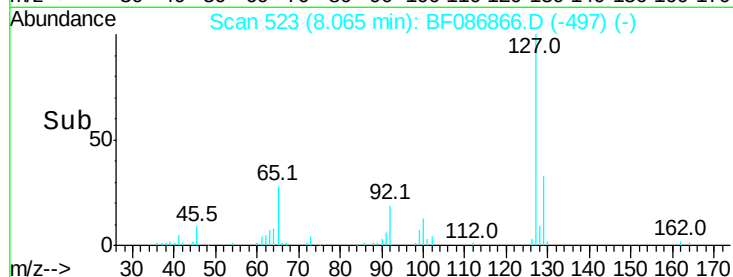


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.23 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

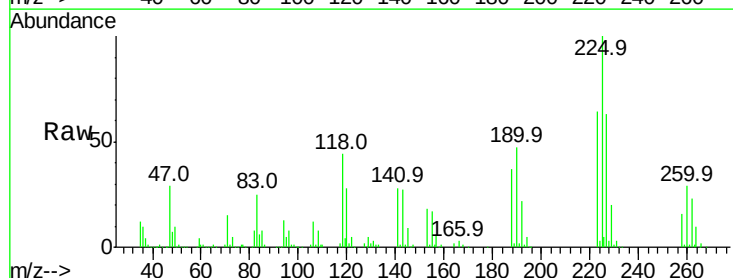
Tgt Ion:225 Resp: 212275

Ion Ratio Lower Upper

225 100

223 63.7 51.5 77.3

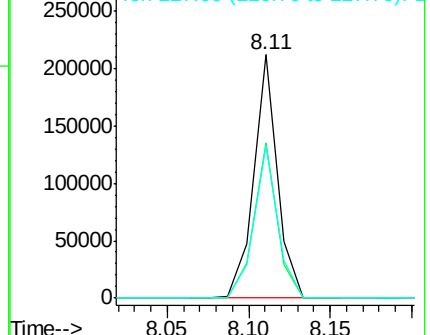
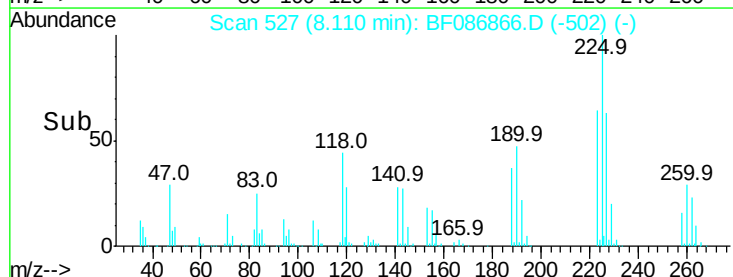
227 62.9 52.2 78.2

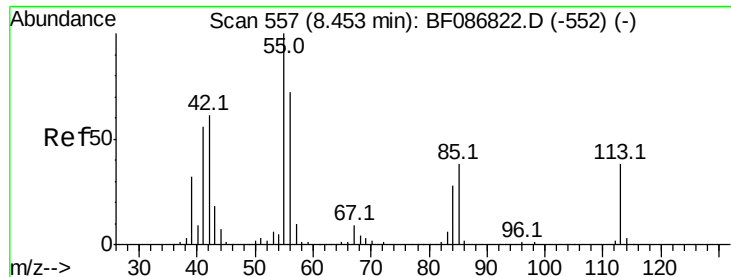


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.60 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

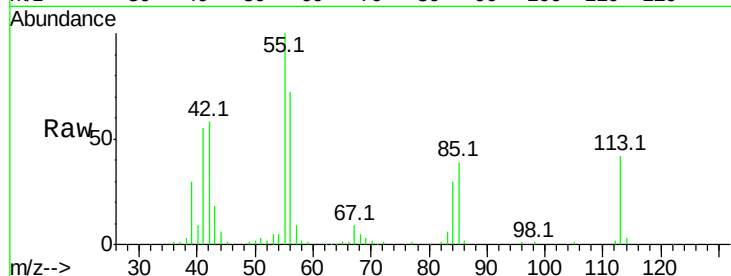
Tot Ion:113 Resp: 70574

Ion Ratio Lower Upper

113 100

55 238.0 162.0 202.0#

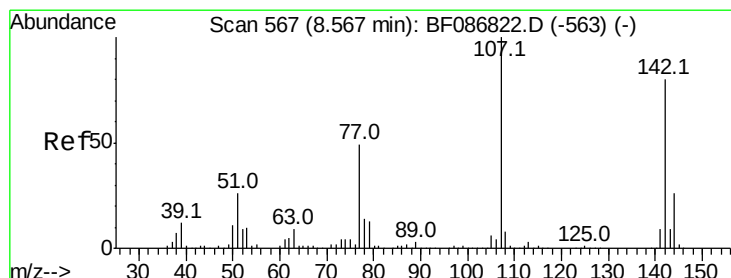
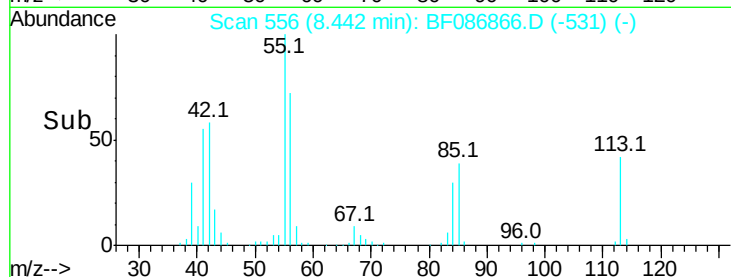
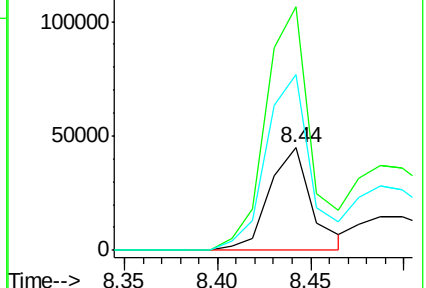
56 171.7 115.3 155.3#



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: 39.35 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

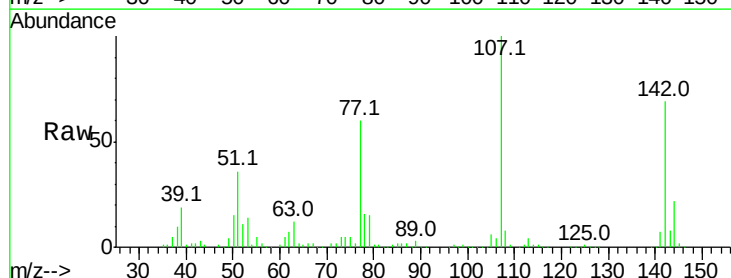
Tgt Ion:107 Resp: 419405

Ion Ratio Lower Upper

107 100

144 22.2 20.7 31.1

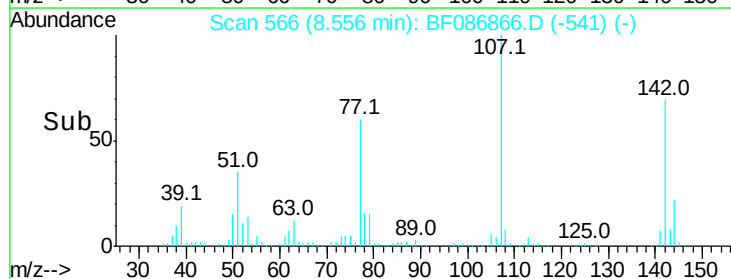
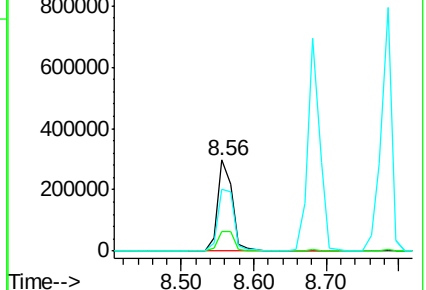
142 68.6 63.2 94.8

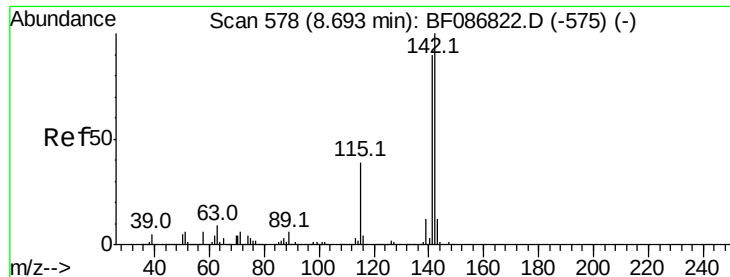


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

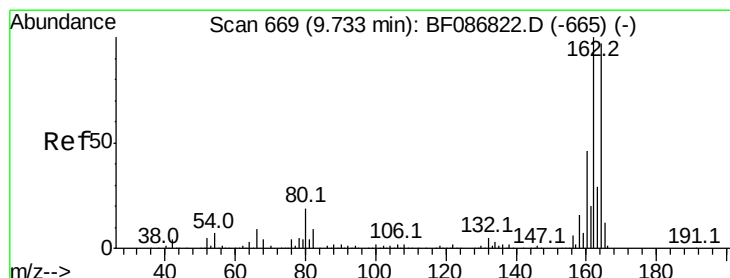
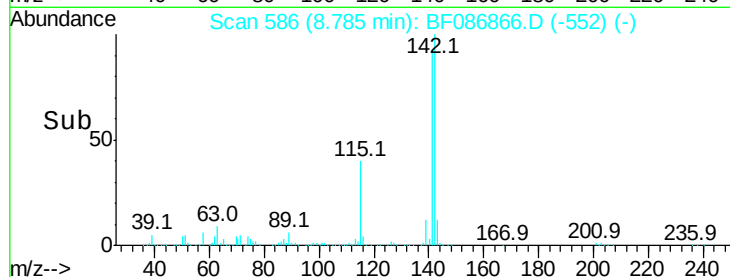
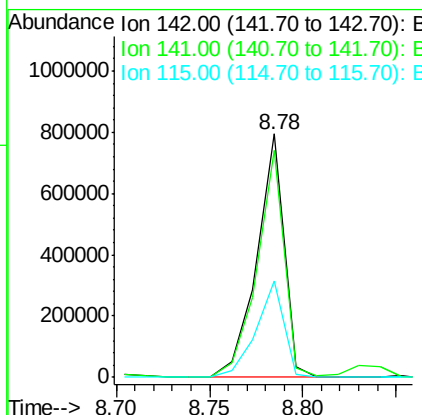
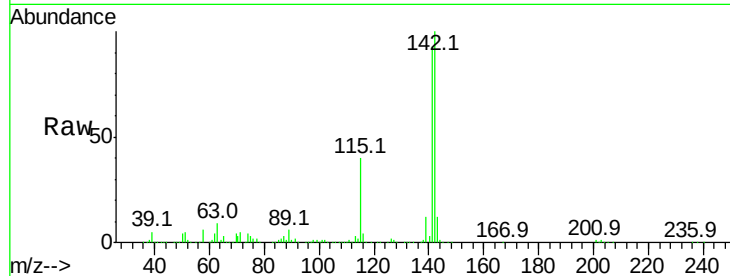




#37
2-Methylnaphthalene
Concen: 41.80 ng
RT: 8.78 min Scan# 586
Delta R.T. 0.09 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

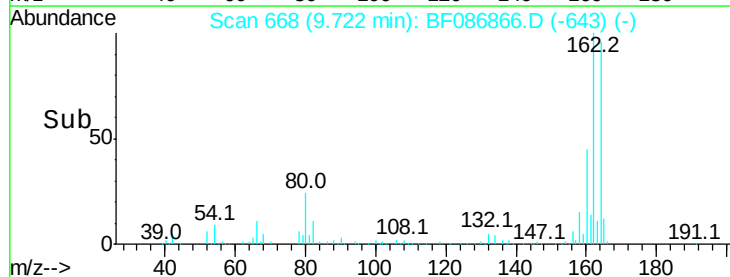
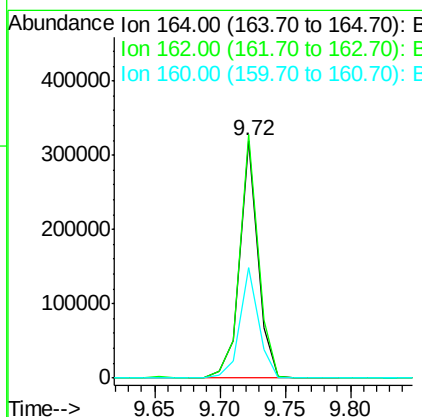
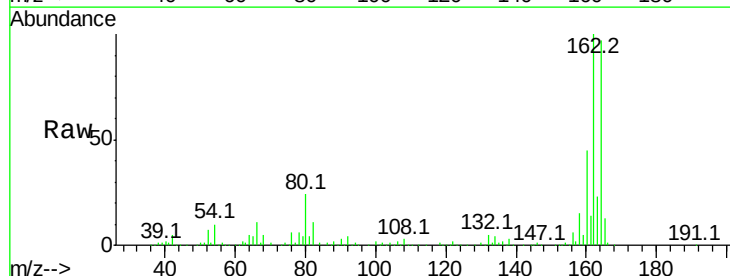
Instrument :
BNA_F
ClientSampled :
PB90456BS

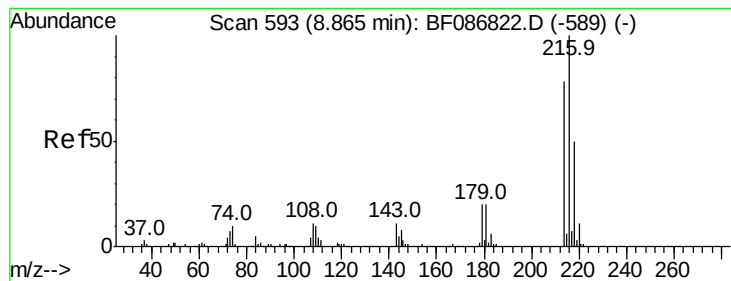
Tot Ion:142 Resp: 796600
Ion Ratio Lower Upper
142 100
141 93.3 71.0 106.6
115 39.6 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion:164 Resp: 307349
Ion Ratio Lower Upper
164 100
162 102.6 82.8 124.2
160 46.6 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.11 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

Tot Ion:216 Resp: 367359

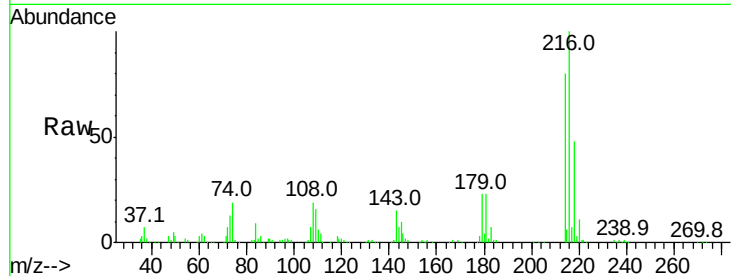
Ion Ratio Lower Upper

216 100

214 79.7 62.6 93.8

179 23.6 18.2 27.4

108 25.4 17.5 26.3

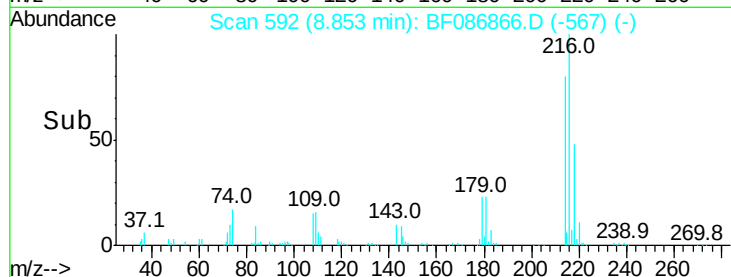


Abundance Ion 216.00 (215.70 to 216.70): E

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



Abundance

8.85

400000

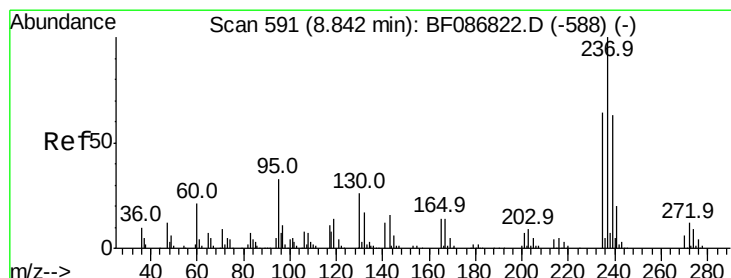
300000

200000

100000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 93.74 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

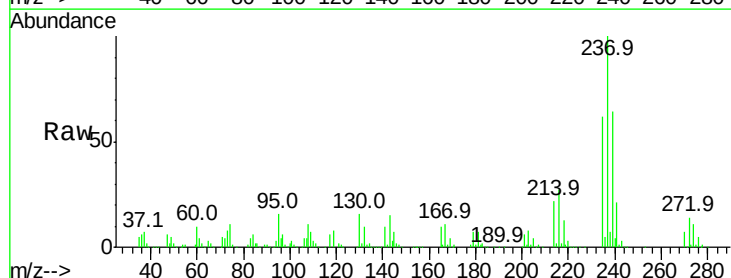
Tgt Ion:237 Resp: 397587

Ion Ratio Lower Upper

237 100

235 61.8 47.2 87.2

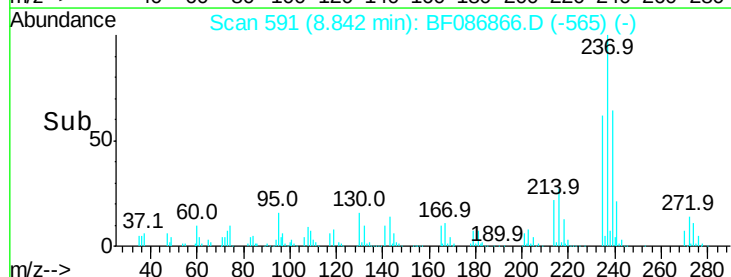
272 13.6 0.0 31.1



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



Abundance

8.84

400000

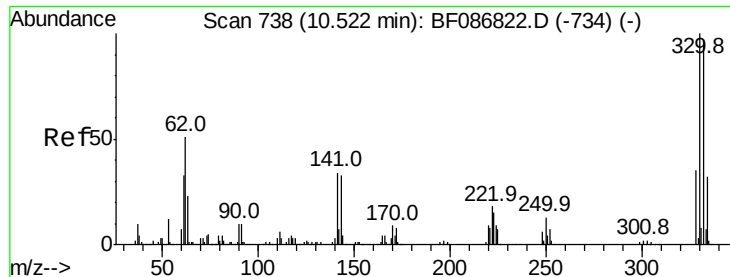
300000

200000

100000

0

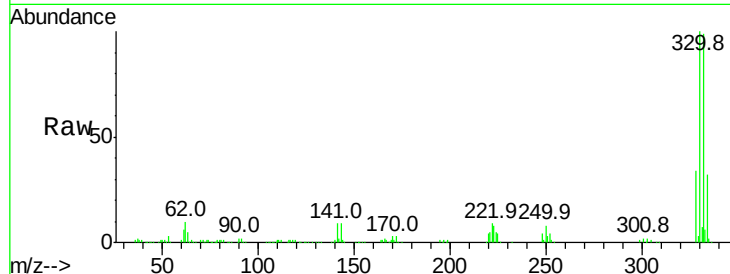
Time-->



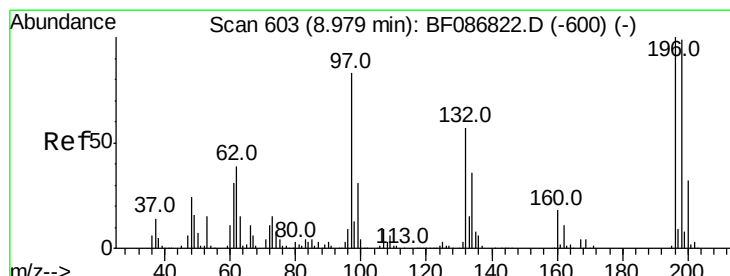
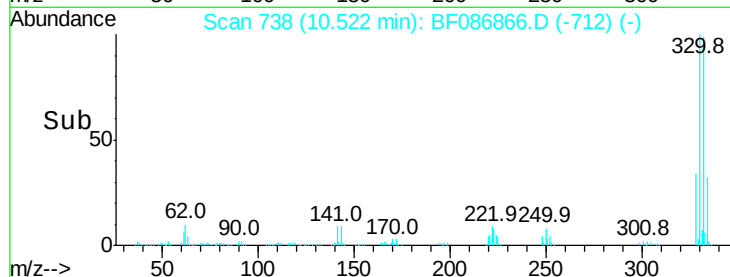
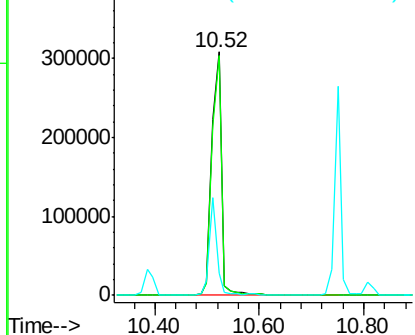
#41
 2,4,6-Tribromophenol
 Concen: 124.54 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	30.7	31.2	46.8#

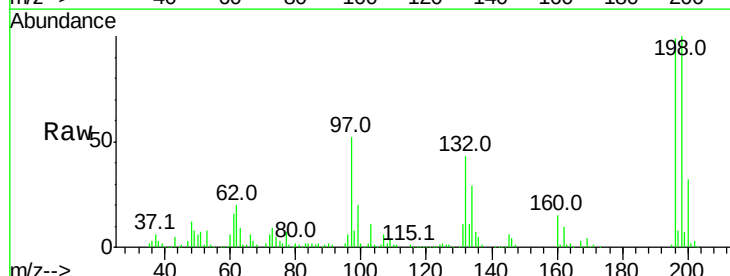


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

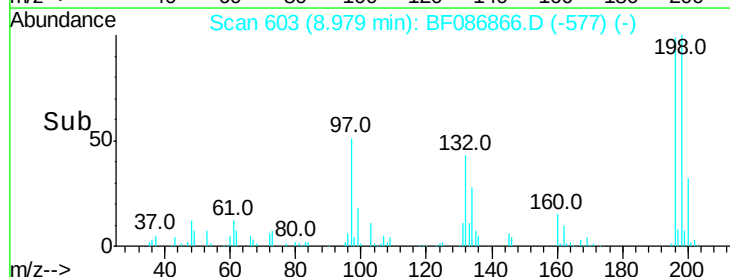
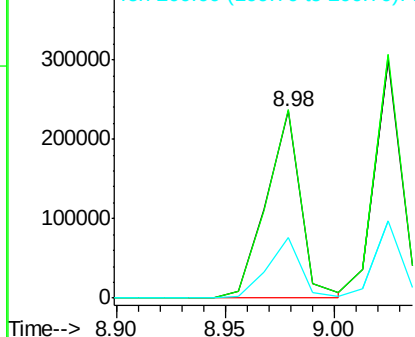


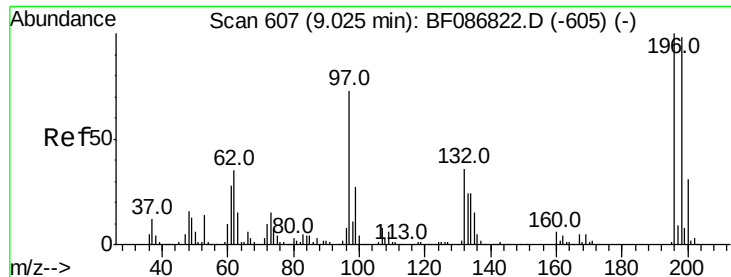
#42
 2,4,6-Trichlorophenol
 Concen: 43.60 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	74.7	112.1
200	32.8	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

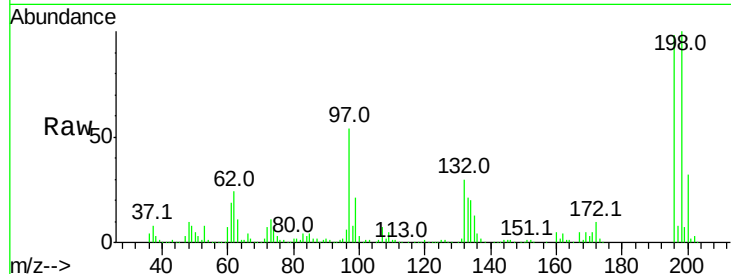




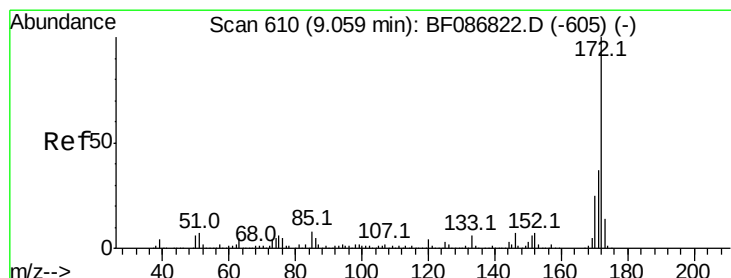
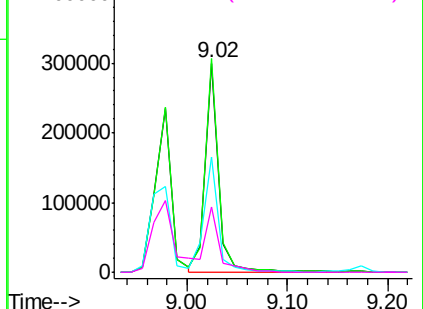
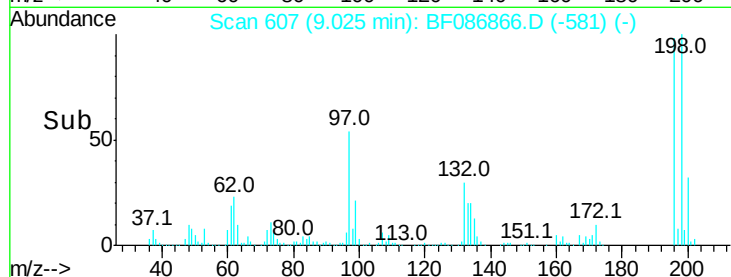
#43
 2,4,5-Trichlorophenol
 Concen: 44.45 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion:196 Resp: 274709
 Ion Ratio Lower Upper
 196 100
 198 102.1 77.5 116.3
 97 55.2 34.8 52.2#
 132 31.0 23.0 34.4

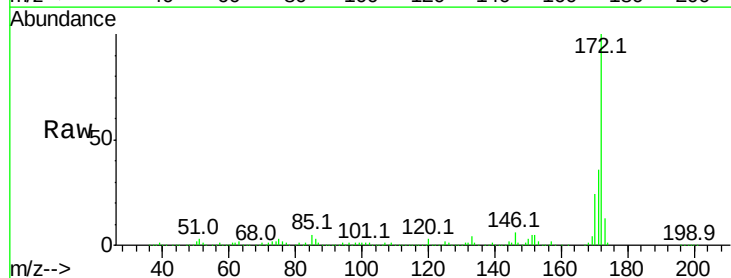


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

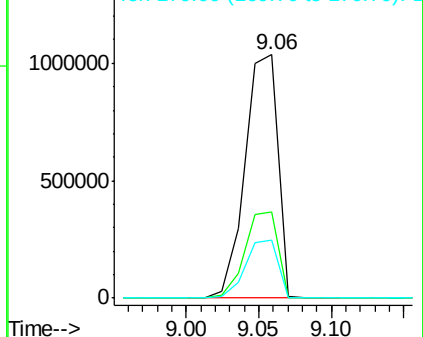
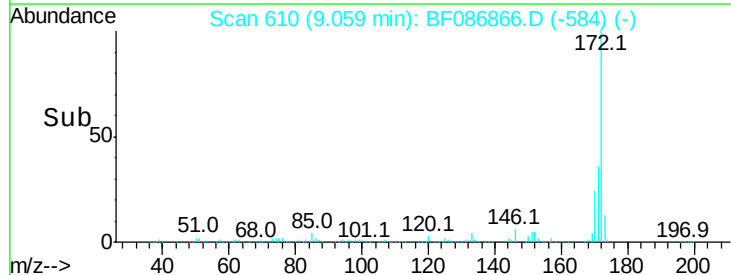


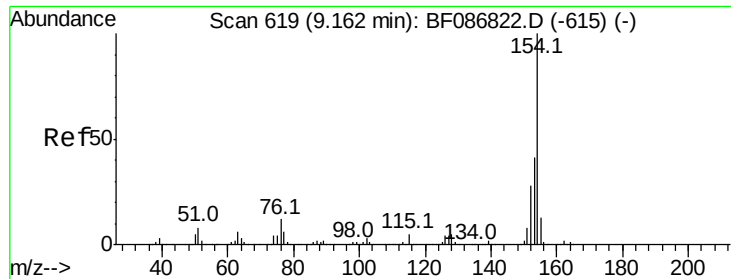
#44
 2-Fluorobiphenyl
 Concen: 89.08 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion:172 Resp: 1629122
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 23.9 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: 40.70 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

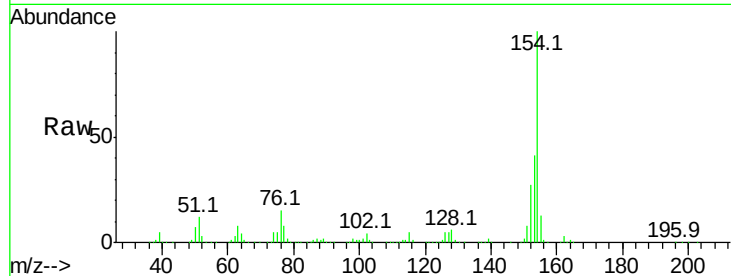
Tot Ion:154 Resp: 995059

Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

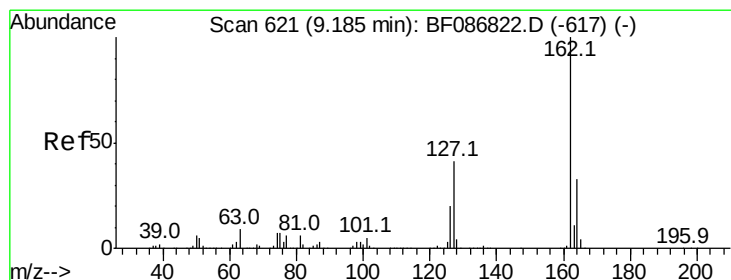
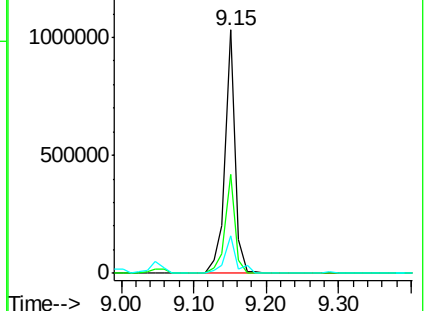
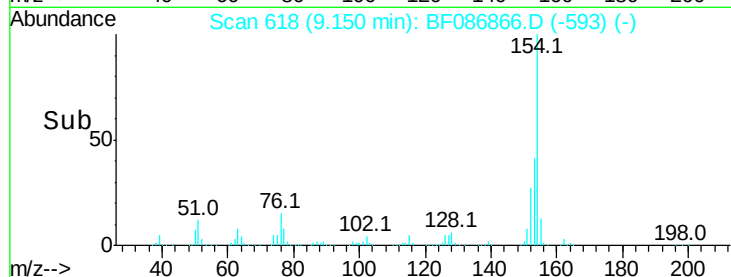
76 15.2 0.0 30.2



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: 40.05 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

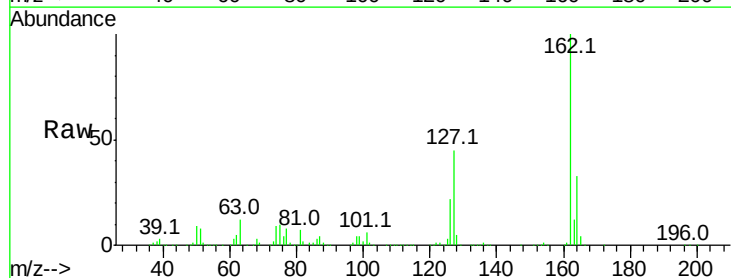
Tgt Ion:162 Resp: 767016

Ion Ratio Lower Upper

162 100

127 45.3 31.8 47.6

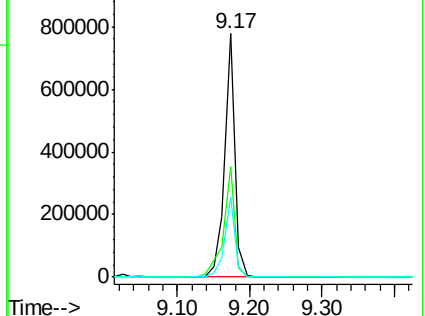
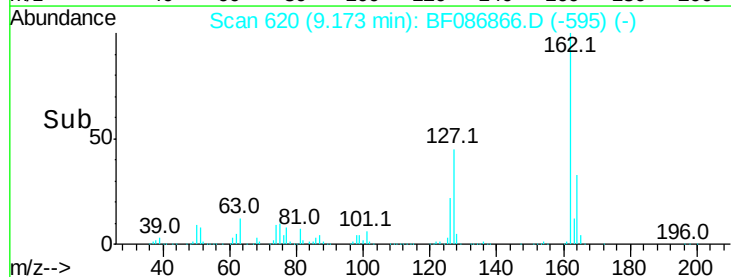
164 32.8 27.0 40.6

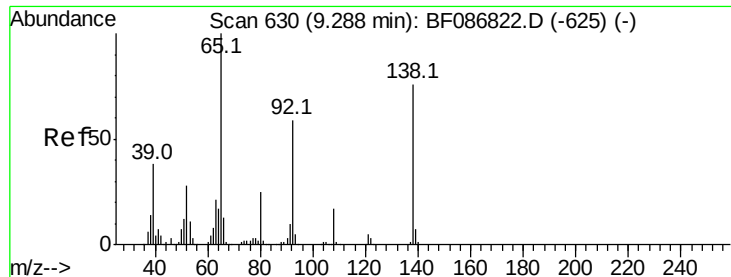


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

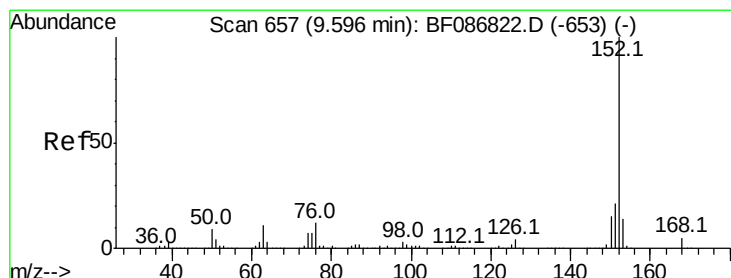
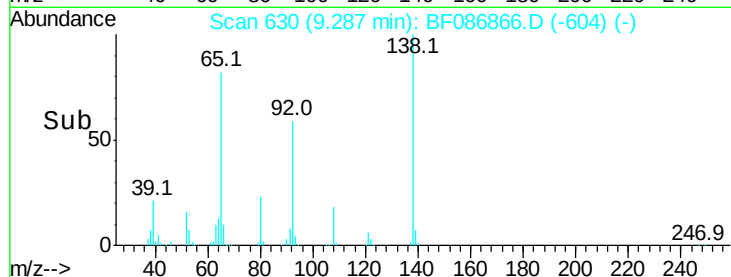
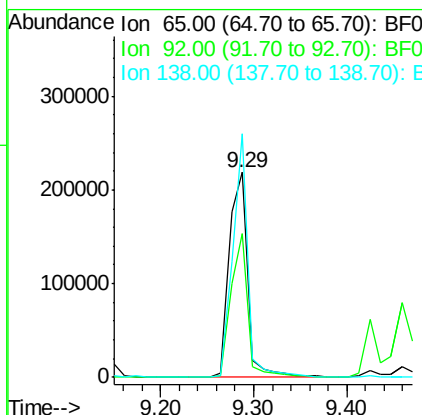
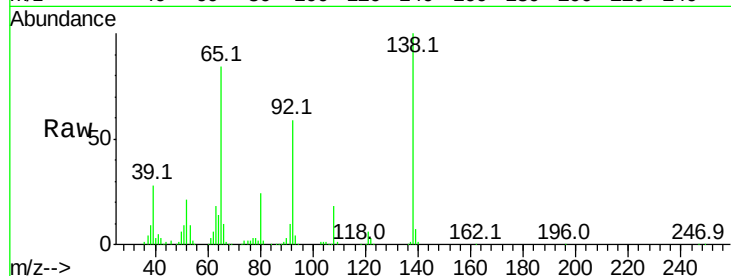




#47
2-Nitroaniline
Concen: 43.59 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

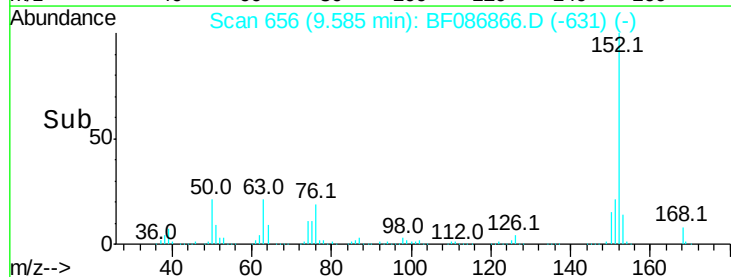
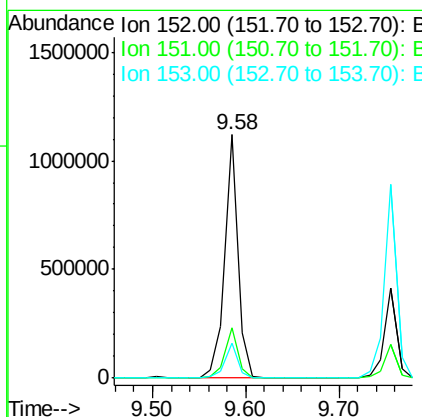
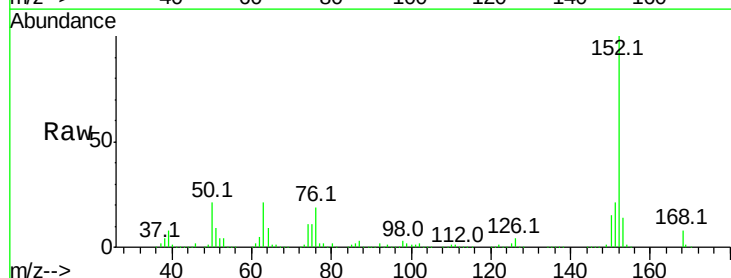
Instrument :
BNA_F
ClientSampleId :
PB90456BS

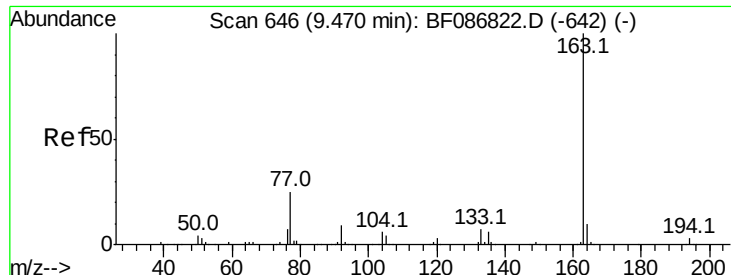
Tot Ion: 65 Resp: 305112
Ion Ratio Lower Upper
65 100
92 69.8 57.4 86.2
138 118.7 90.1 135.1



#48
Acenaphthylene
Concen: 39.47 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion: 152 Resp: 1111977
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 14.2 10.9 16.3

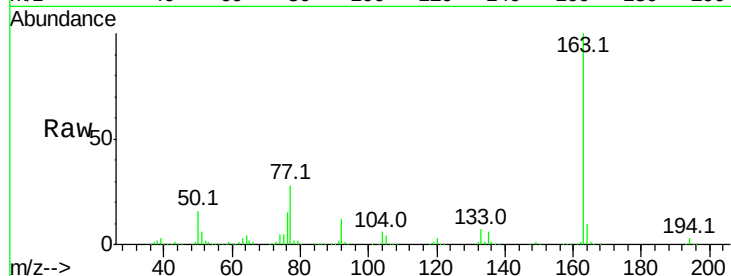




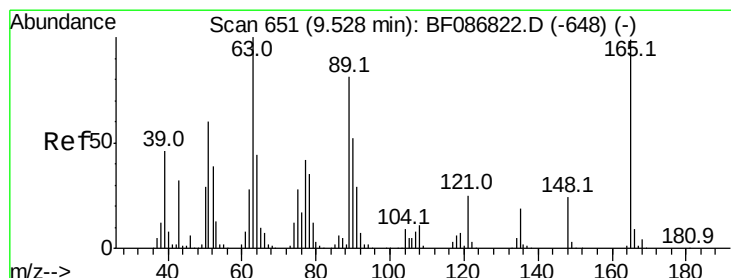
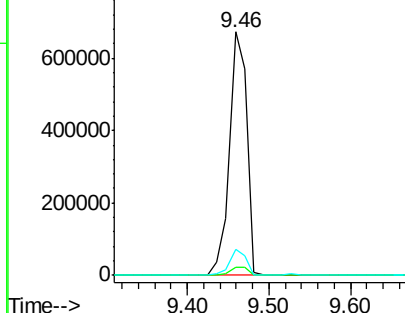
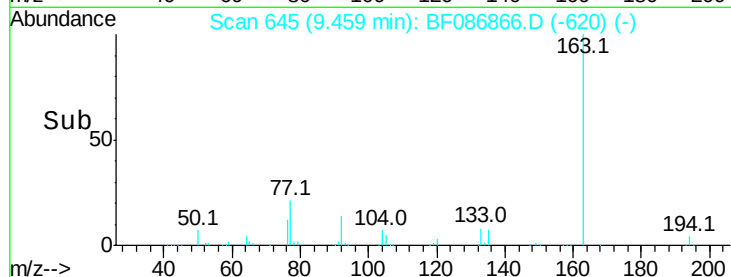
#49
Dimethylphthalate
Concen: 42.59 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion:163 Resp: 998559
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.5 8.2 12.4

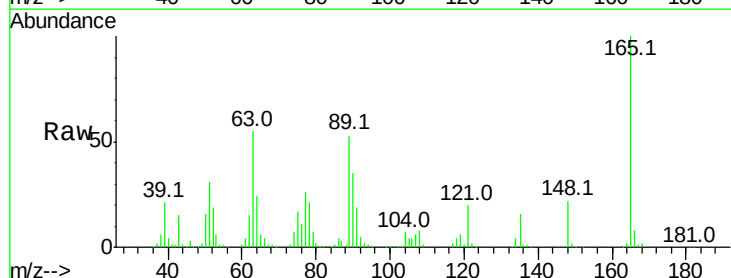


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

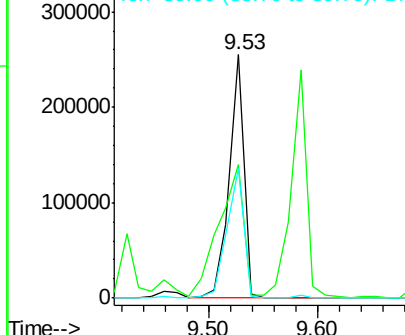
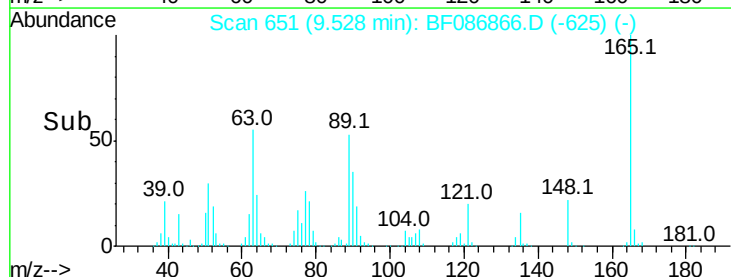


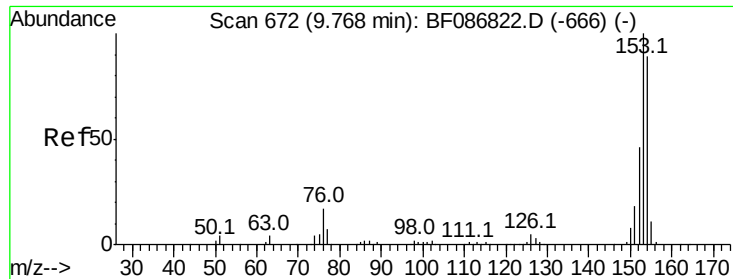
#50
2,6-Dinitrotoluene
Concen: 48.37 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion:165 Resp: 238712
Ion Ratio Lower Upper
165 100
63 54.9 51.8 77.8
89 53.1 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: 41.83 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

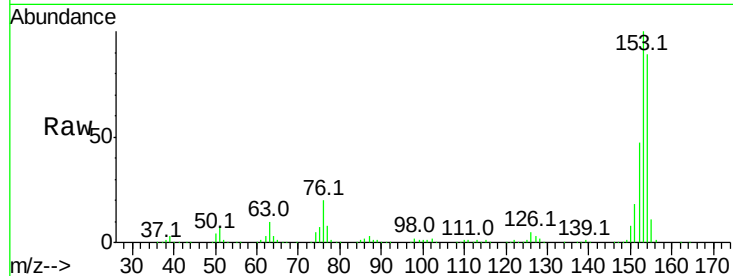
Tot Ion:154 Resp: 733139

Ion Ratio Lower Upper

154 100

153 112.7 89.8 134.6

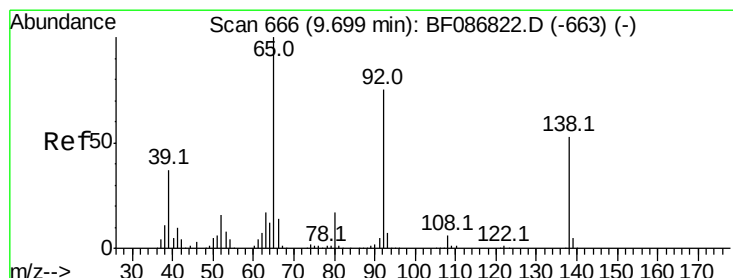
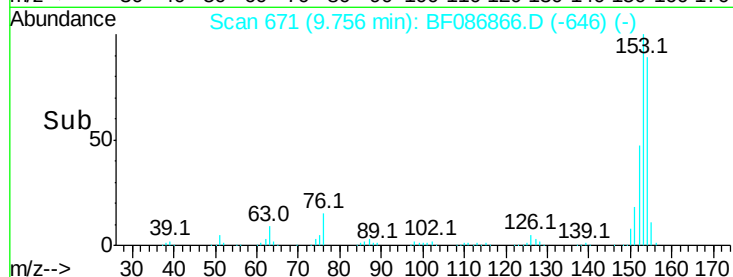
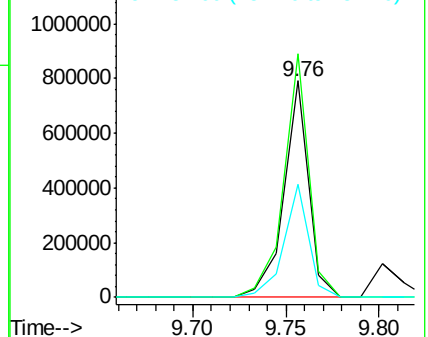
152 52.4 43.4 65.0



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: 18.92 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

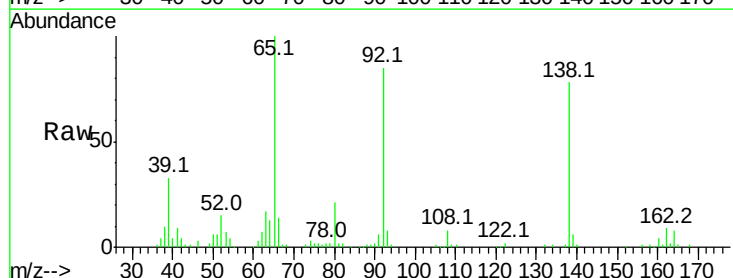
Tgt Ion:138 Resp: 98313

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

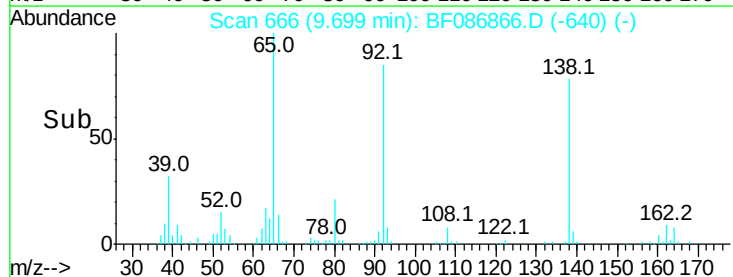
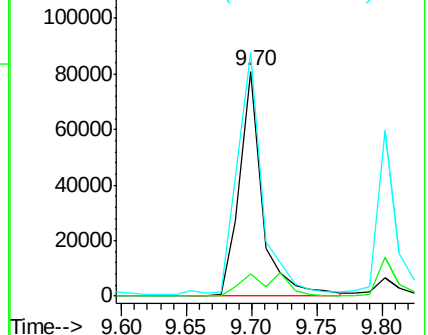
92 108.3 87.8 131.8

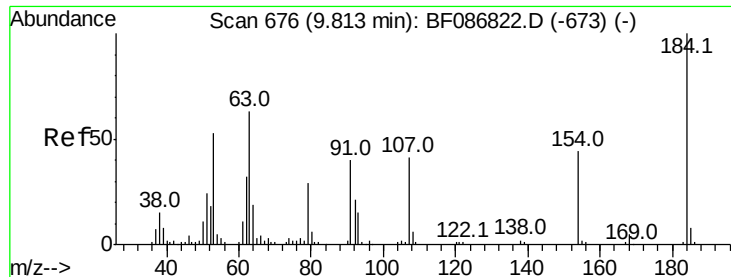


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

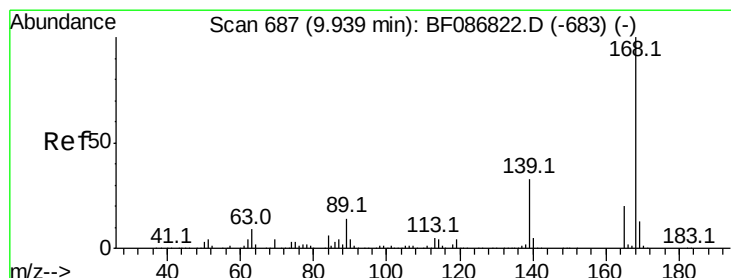
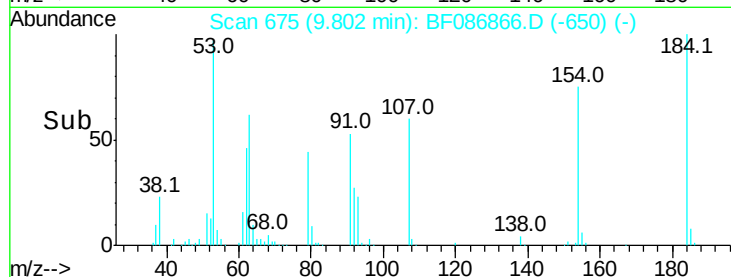
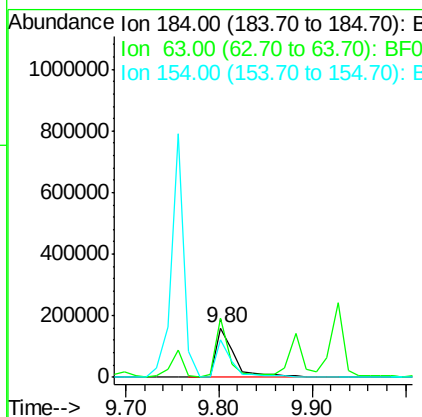
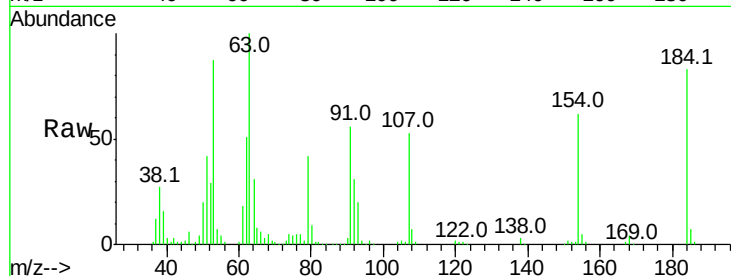




#53
 2,4-Dinitrophenol
 Concen: 85.47 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

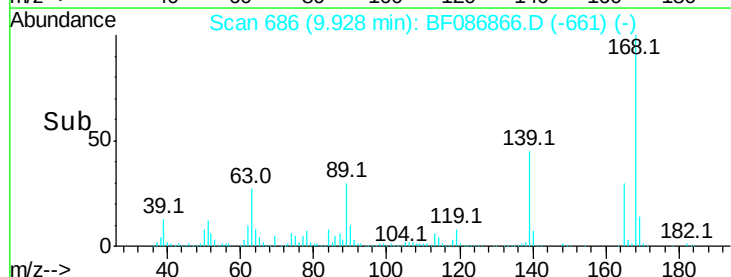
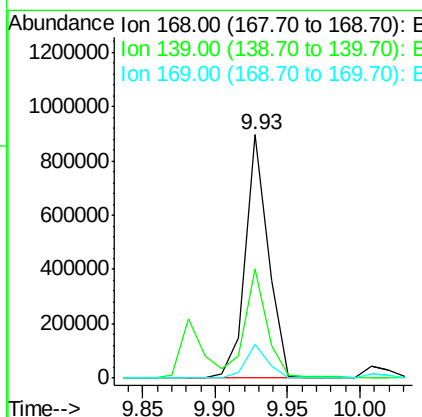
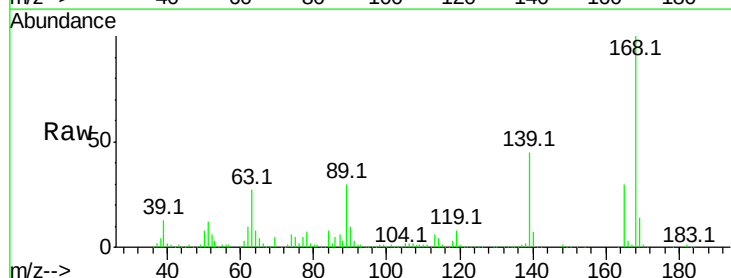
Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

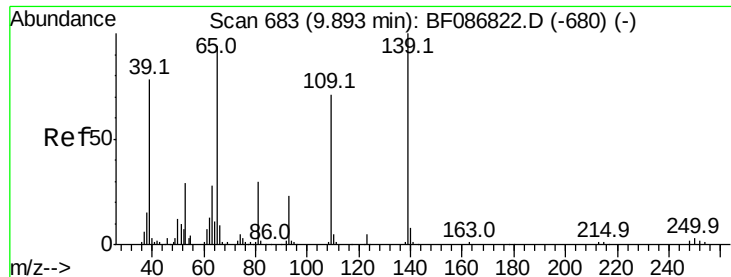
Tot Ion:184 Resp: 217007
 Ion Ratio Lower Upper
 184 100
 63 120.9 55.8 83.8#
 154 75.4 62.4 93.6



#54
 Dibenzofuran
 Concen: 43.69 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion:168 Resp: 982941
 Ion Ratio Lower Upper
 168 100
 139 44.9 31.4 47.0
 169 13.9 10.7 16.1





#55

4-Nitrophenol

Concen: 69.44 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

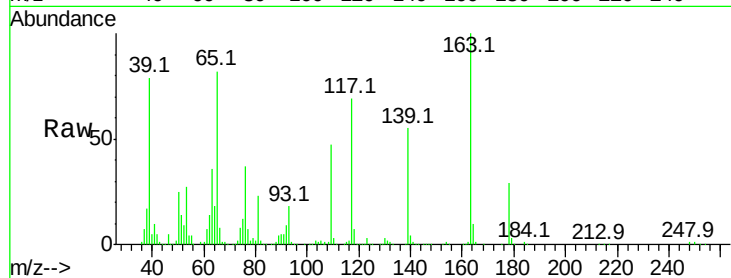
Tot Ion:139 Resp: 238347

Ion Ratio Lower Upper

139 100

109 85.1 36.9 76.9#

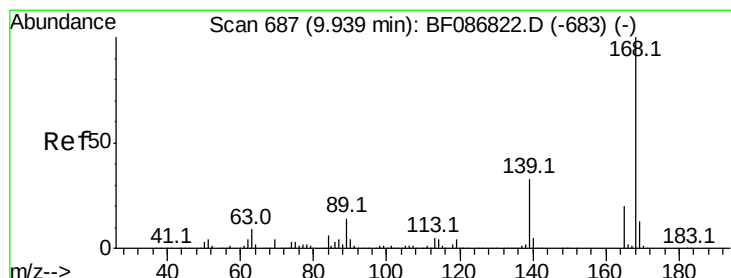
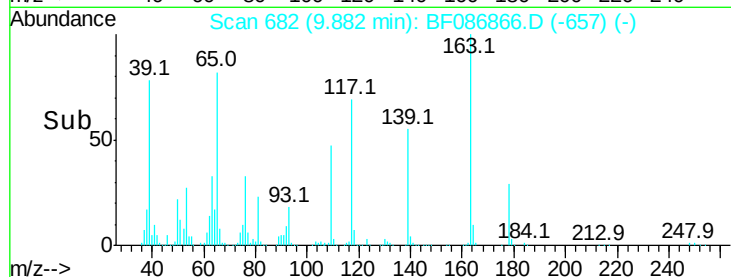
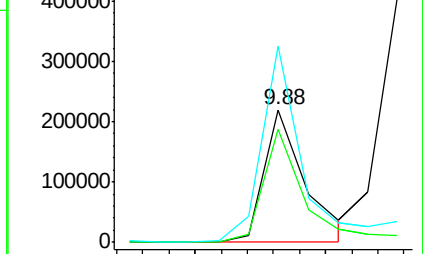
65 148.2 64.0 104.0#



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: 40.61 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion:165 Resp: 248007

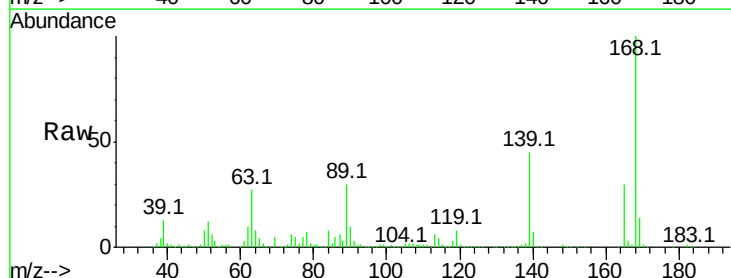
Ion Ratio Lower Upper

165 100

63 91.6 44.3 66.5#

89 102.3 70.0 105.0

182 2.2 1.8 2.6

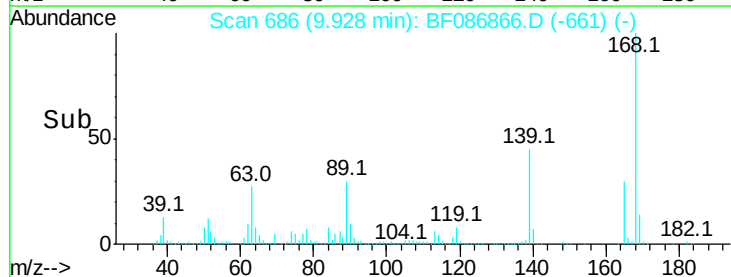
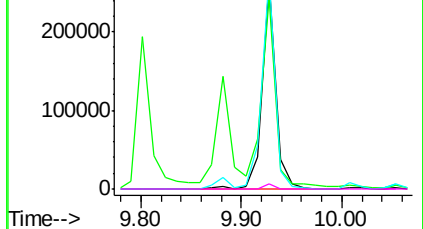


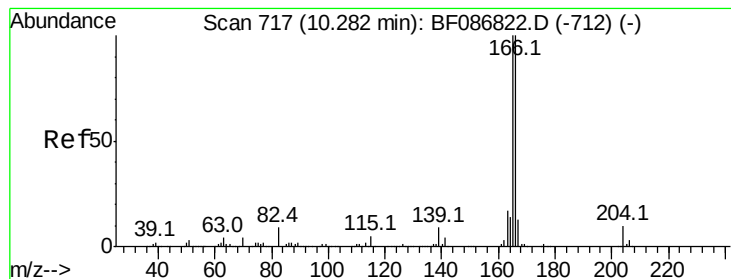
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.79 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

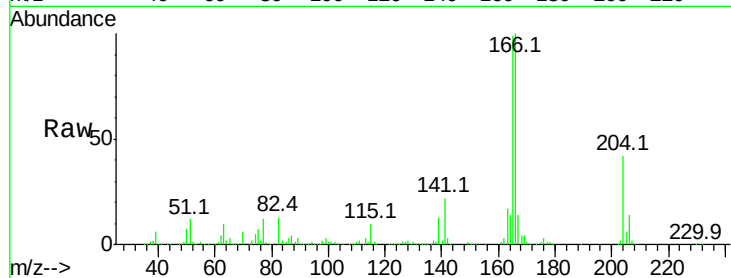
Tot Ion:166 Resp: 782495

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.6

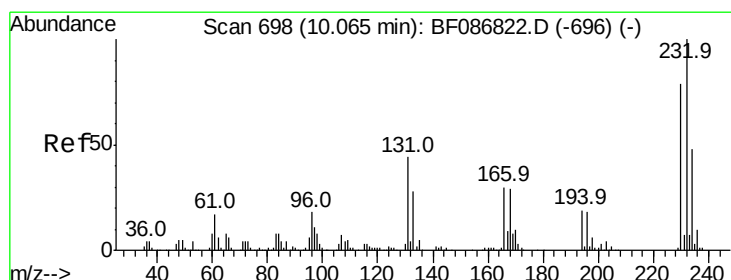
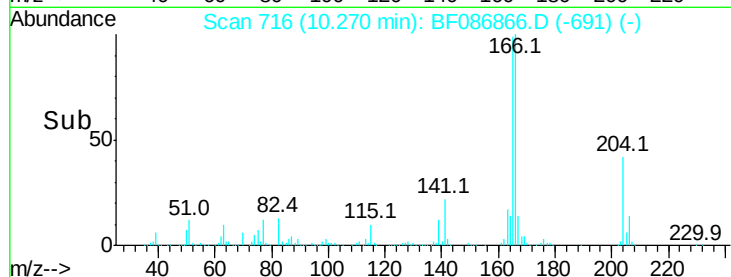
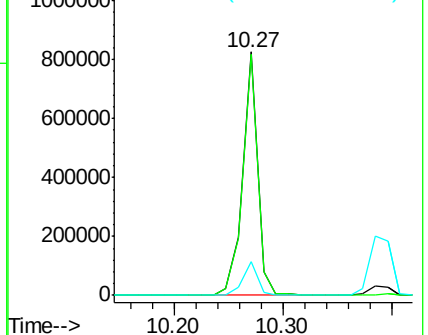
167 13.7 10.6 15.8



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: 45.55 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion:232 Resp: 211897

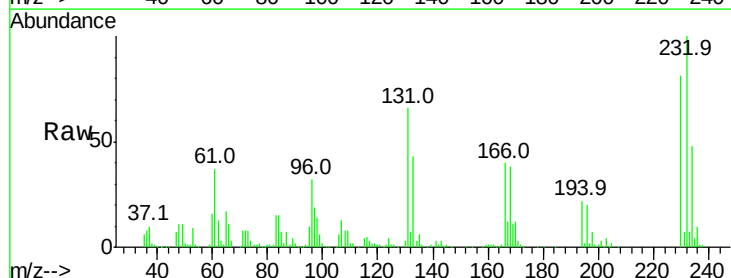
Ion Ratio Lower Upper

232 100

131 56.8 41.9 62.9

130 2.9 2.2 3.4

166 34.3 26.8 40.2

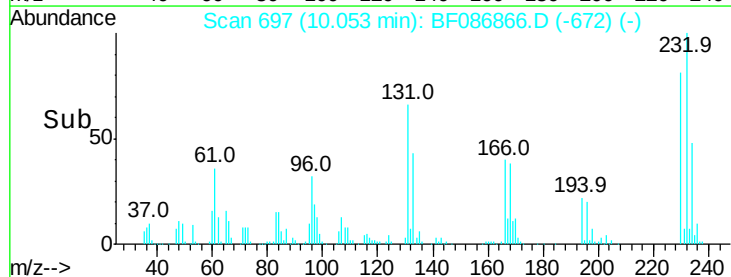
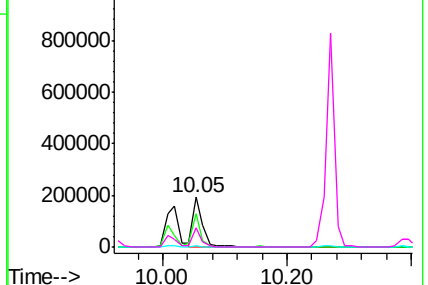


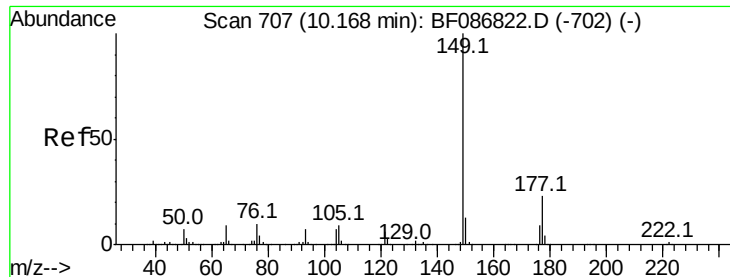
Abundance Ion 232.00 (231.70 to 232.70): E

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

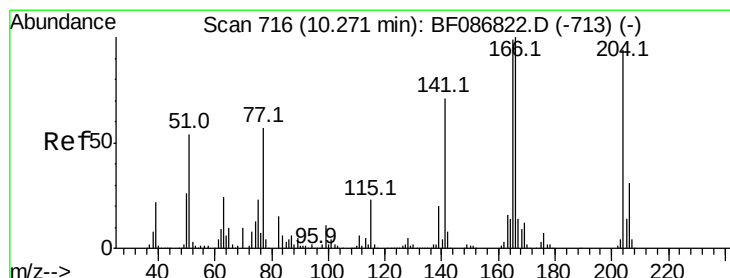
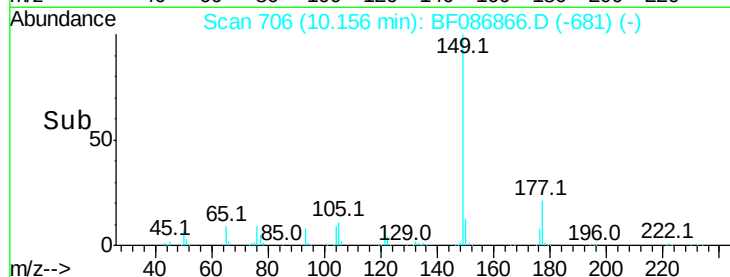
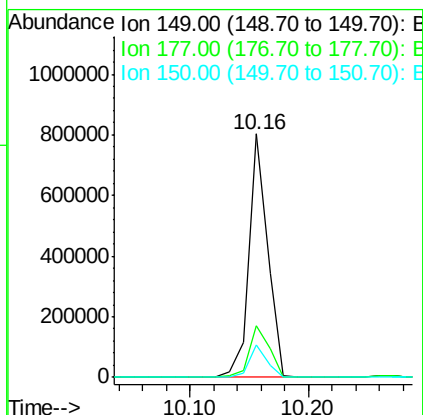
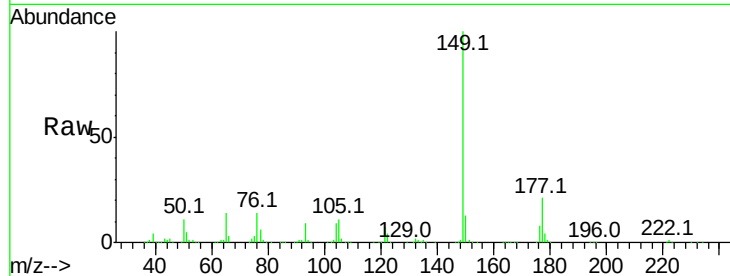




#59
Diethylphthalate
Concen: 38.83 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

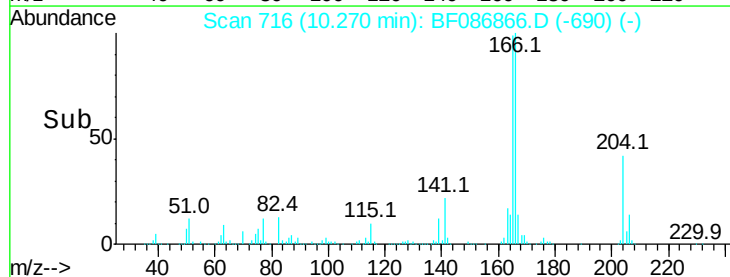
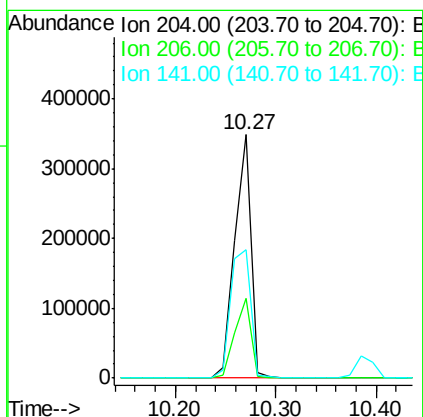
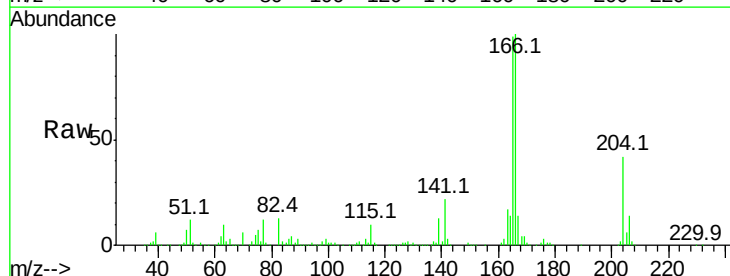
Instrument :
BNA_F
ClientSampled :
PB90456BS

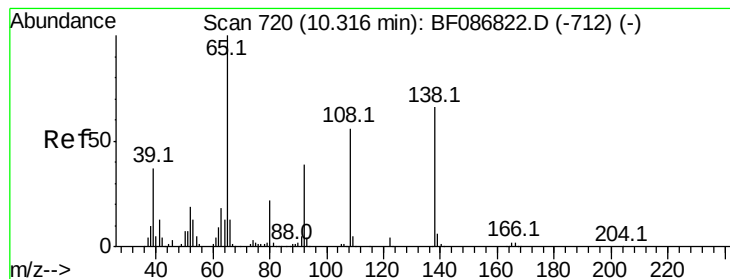
Tot Ion:149 Resp: 887259
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 13.1 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 47.90 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion:204 Resp: 393448
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 52.8 61.6 92.4#





#61

4-Nitroaniline

Concen: 43.23 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

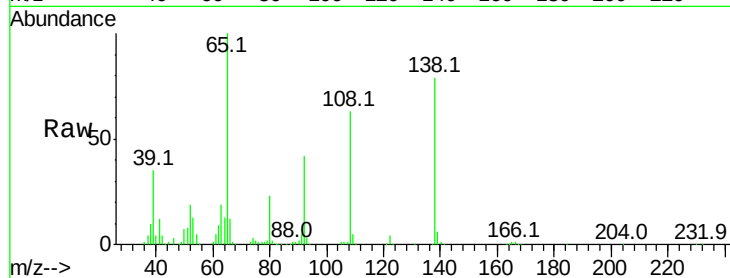
Tot Ion:138 Resp: 215709

Ion Ratio Lower Upper

138 100

92 53.3 24.7 64.7

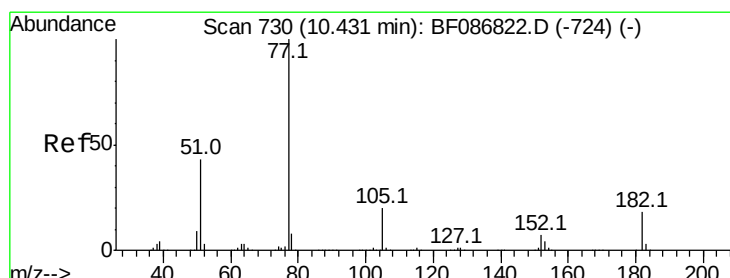
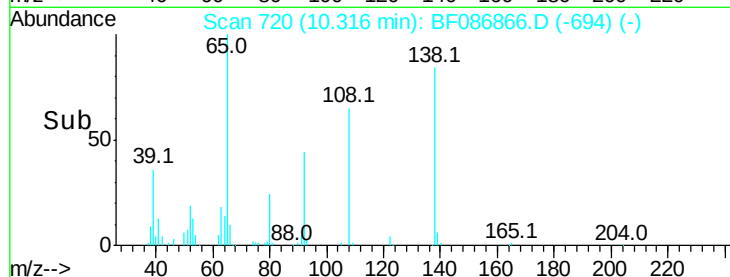
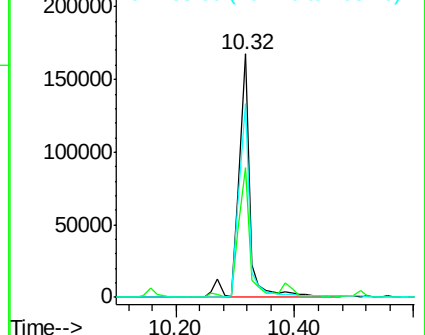
108 79.8 37.4 77.4#



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: 45.92 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion: 77 Resp: 1132016

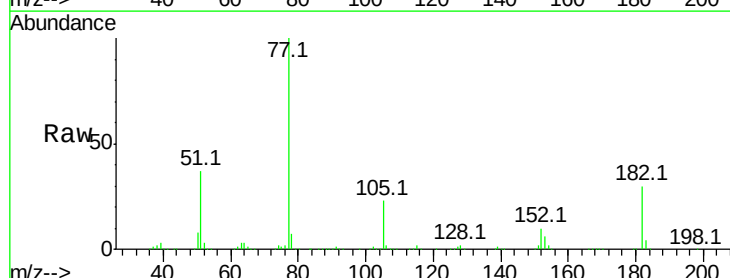
Ion Ratio Lower Upper

77 100

182 29.8 0.0 38.8

105 23.4 3.2 43.2

51 37.1 8.8 48.8

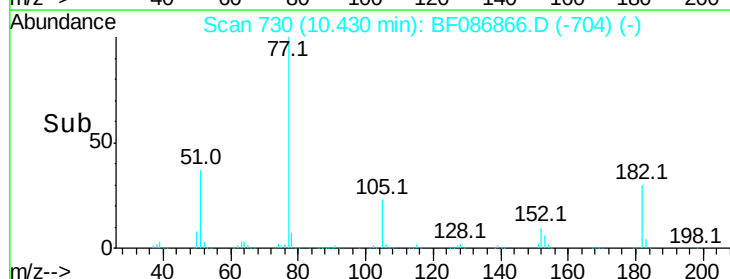
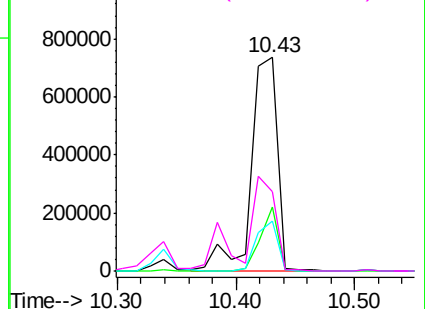


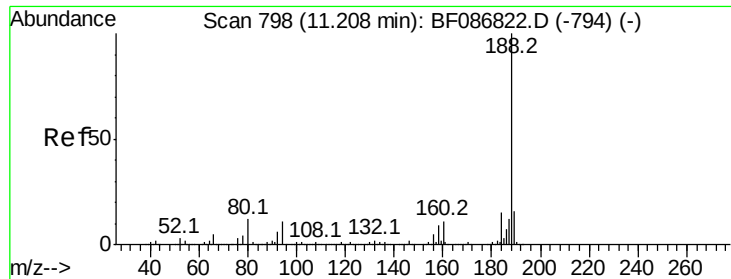
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

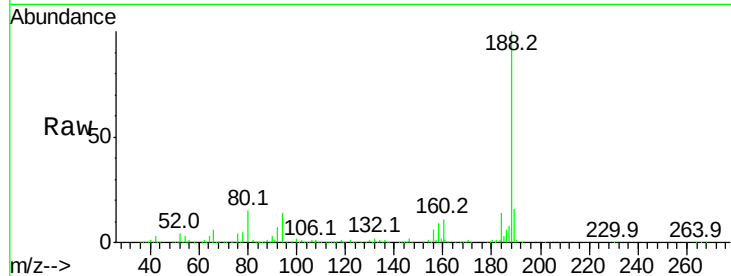




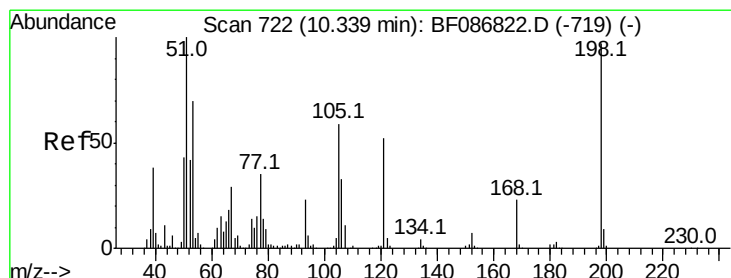
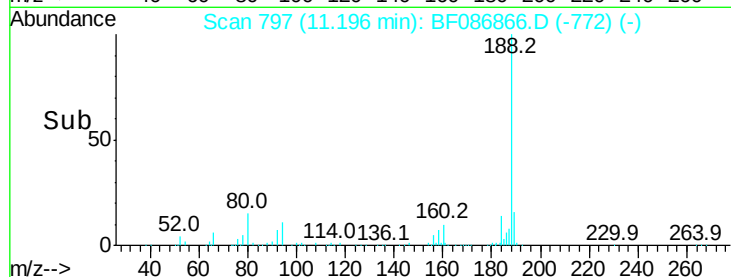
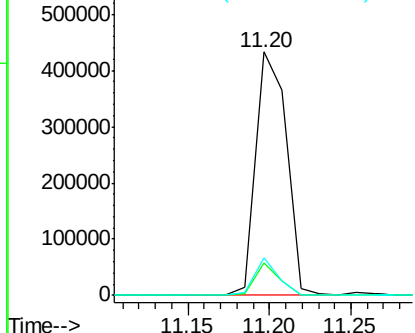
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion:188 Resp: 568007
Ion Ratio Lower Upper
188 100
94 13.5 6.8 10.2#
80 15.3 7.1 10.7#

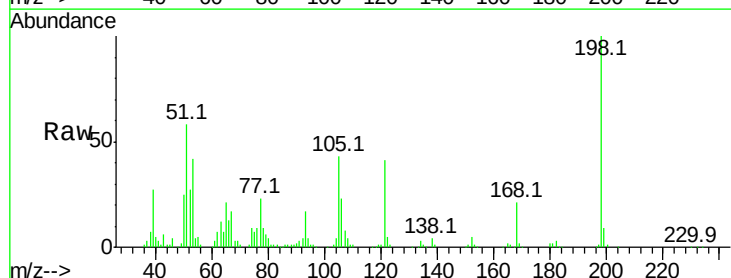


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

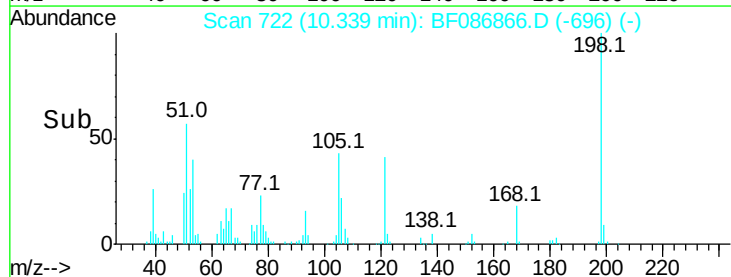
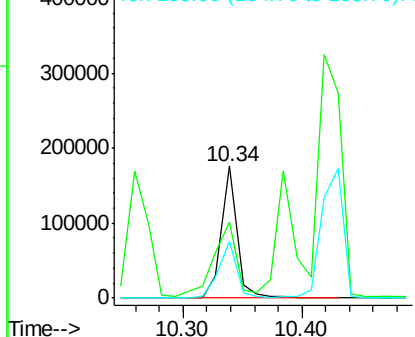


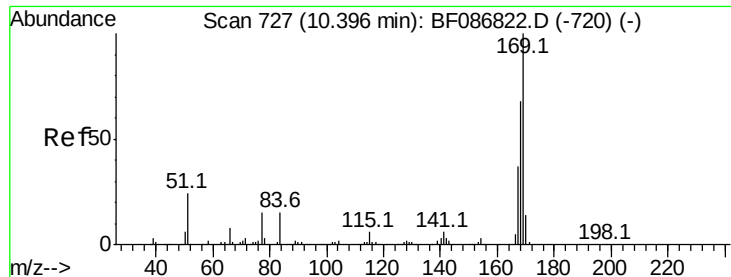
#64
4,6-Dinitro-2-methylphenol
Concen: 46.11 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion:198 Resp: 162707
Ion Ratio Lower Upper
198 100
51 57.6 20.5 60.5
105 43.2 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.68 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

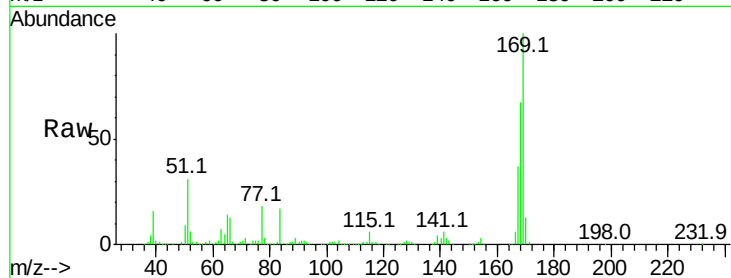
Tot Ion:169 Resp: 762240

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

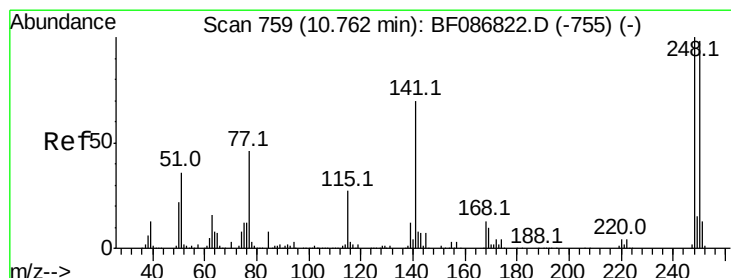
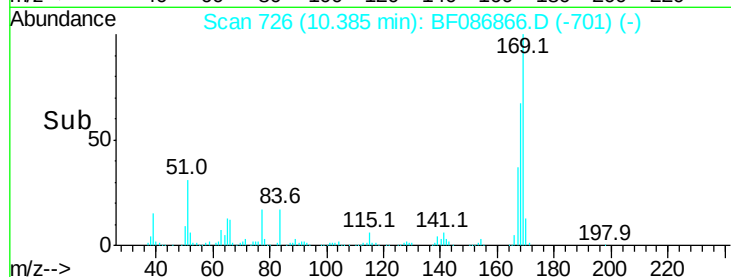
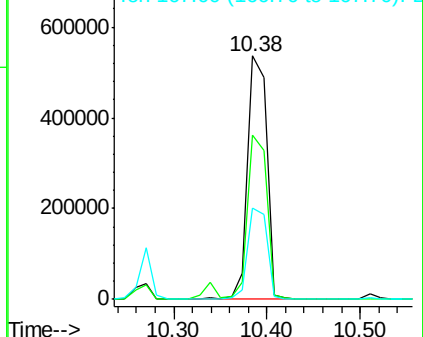
167 37.3 29.5 44.3



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: 40.76 ng

RT: 10.75 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

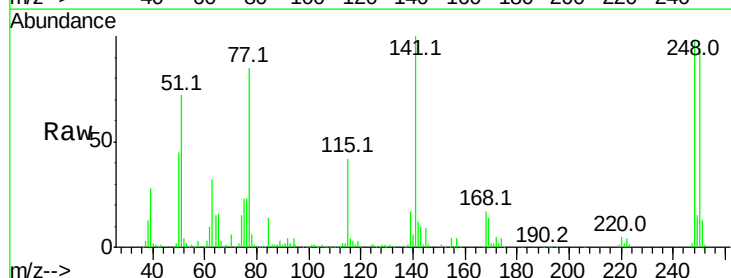
Tgt Ion:248 Resp: 234754

Ion Ratio Lower Upper

248 100

250 95.9 78.6 117.8

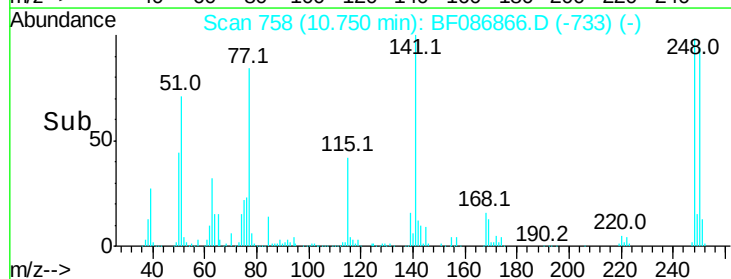
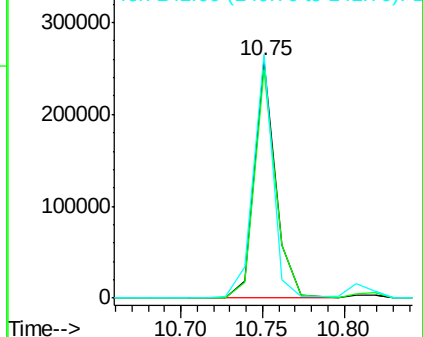
141 102.1 76.0 114.0

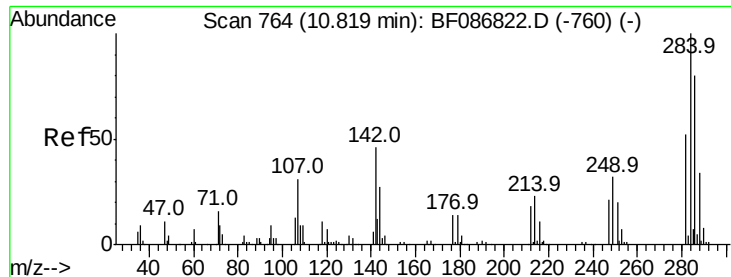


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

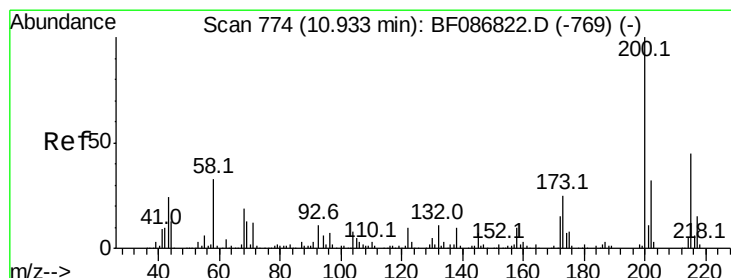
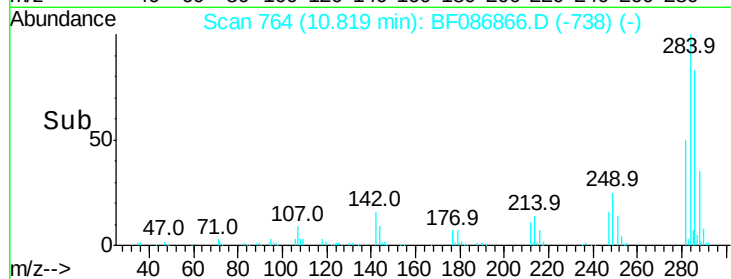
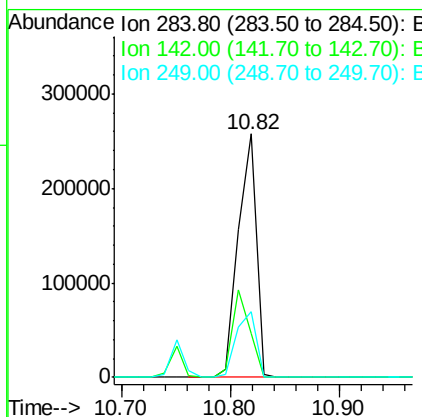
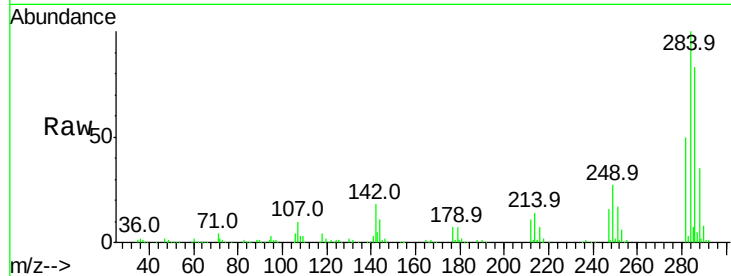




#67
Hexachlorobenzene
Concen: 43.60 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

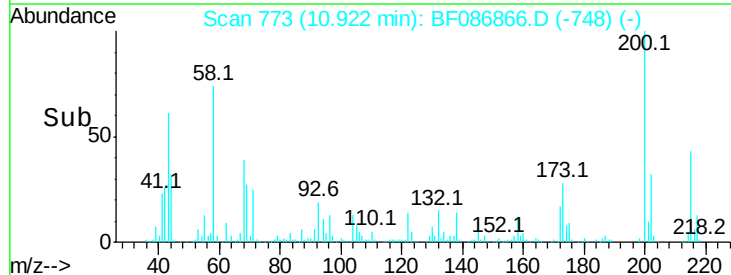
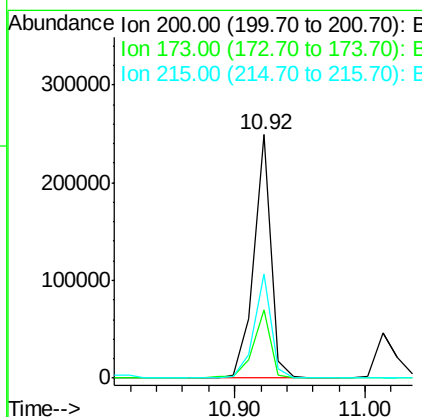
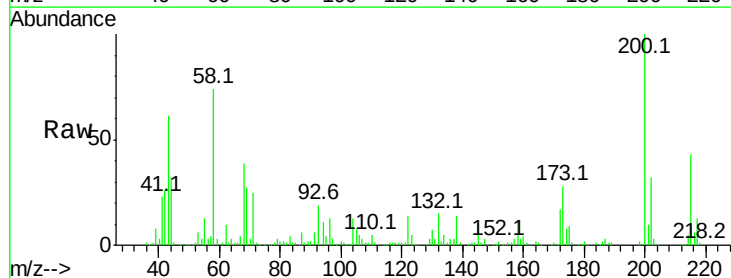
Instrument :
BNA_F
ClientSampleId :
PB90456BS

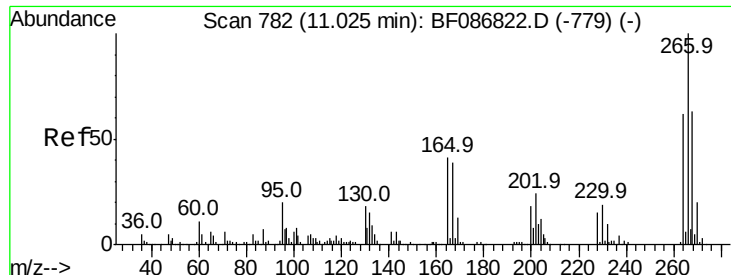
Tot Ion	Ratio	Lower	Upper
284	100		
142	18.1	16.7	25.1
249	27.0	21.3	31.9



#68
Atrazine
Concen: 39.10 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.5	48.5
215	42.8	27.2	67.2

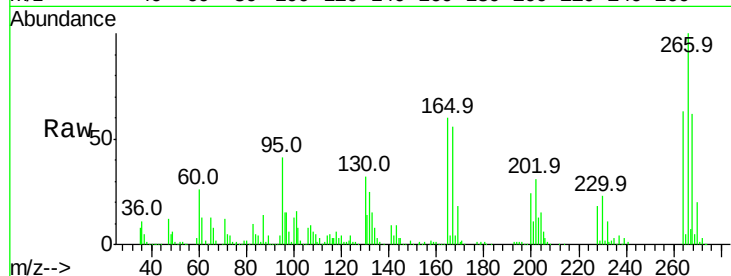




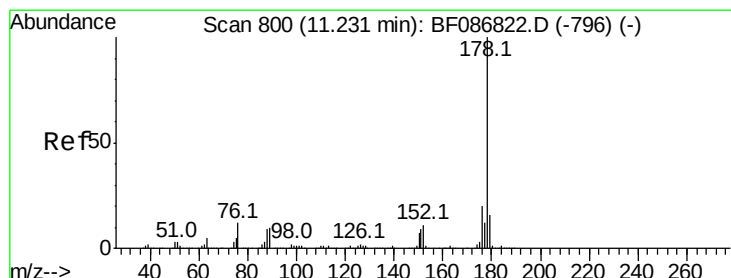
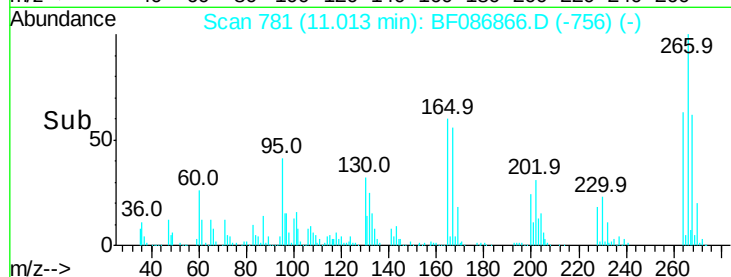
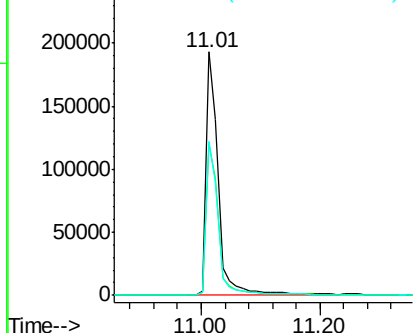
#69
 Pentachlorophenol
 Concen: 90.19 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion:266 Resp: 280548
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.5 77.3
 264 63.2 52.9 79.3

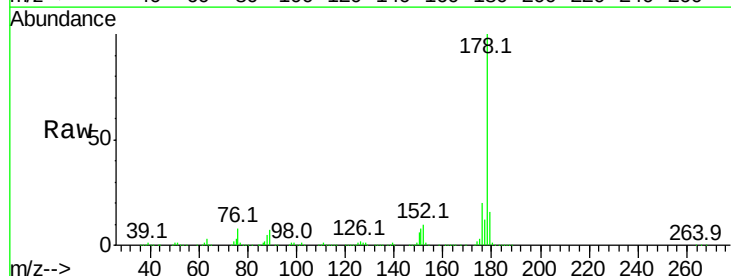


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

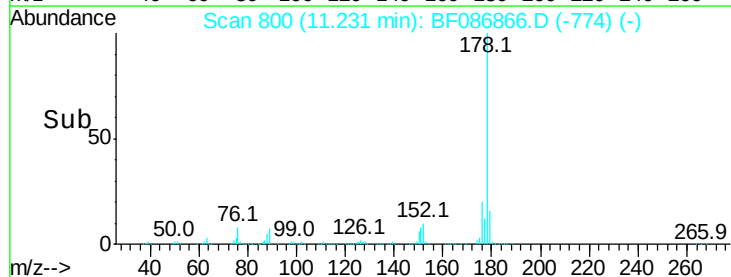
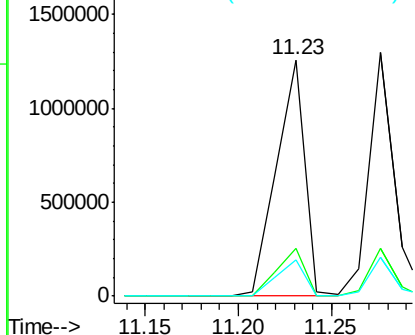


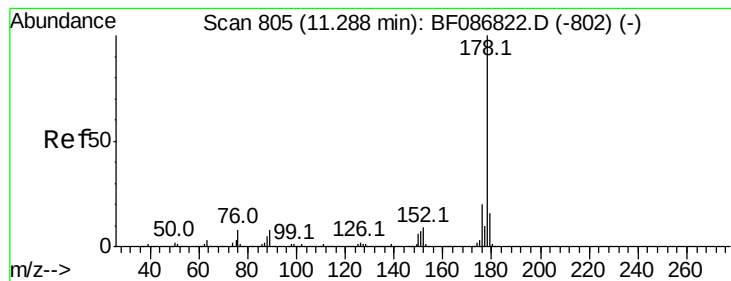
#70
 Phenanthrene
 Concen: 44.10 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion:178 Resp: 1336877
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.6 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: 38.95 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

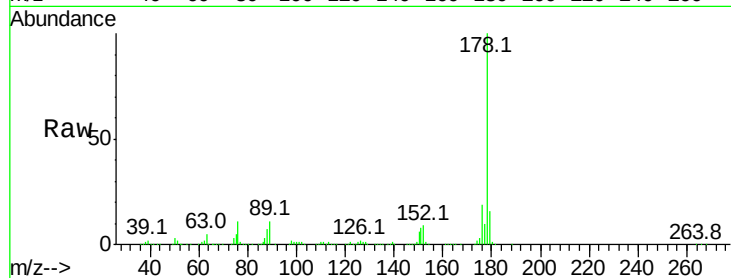
BNA_F

ClientSampleId :

PB90456BS

Tot Ion:178 Resp: 1207527

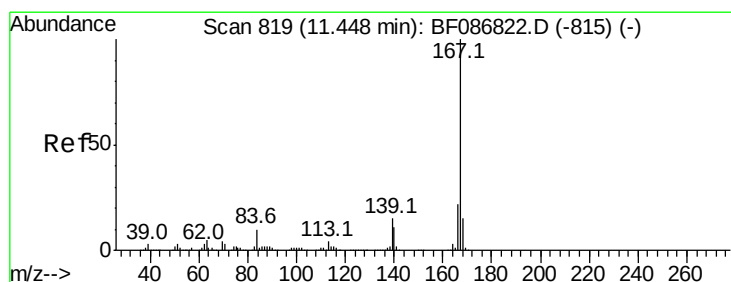
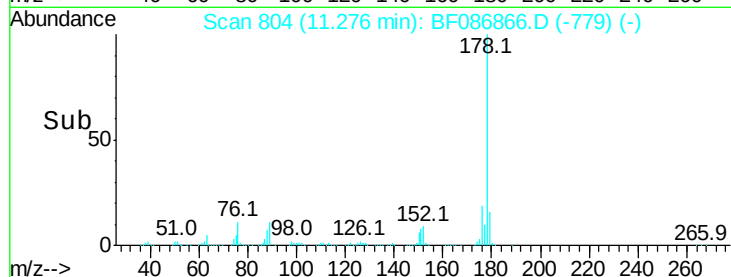
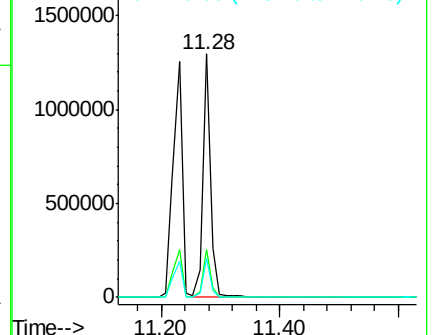
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.0	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.99 ng

RT: 11.44 min Scan# 818

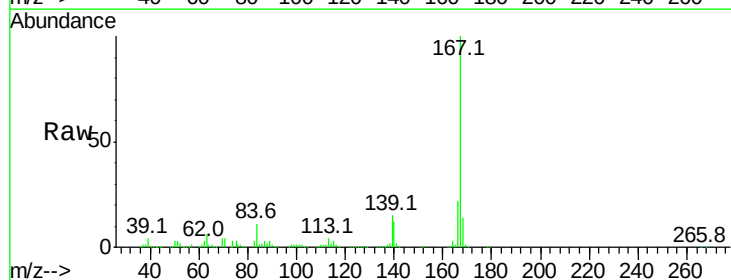
Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion:167 Resp: 1092471

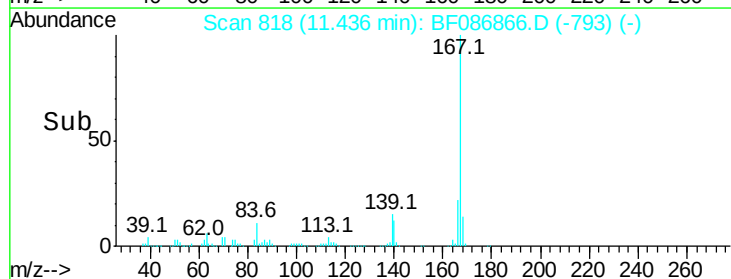
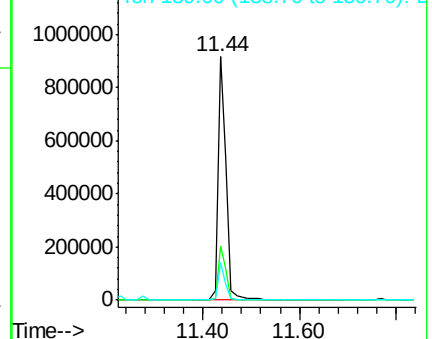
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	15.2	10.8	16.2

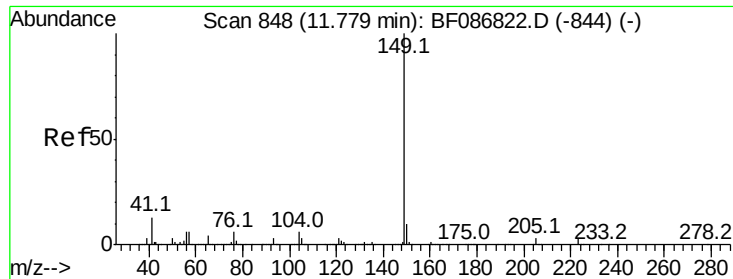


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.84 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

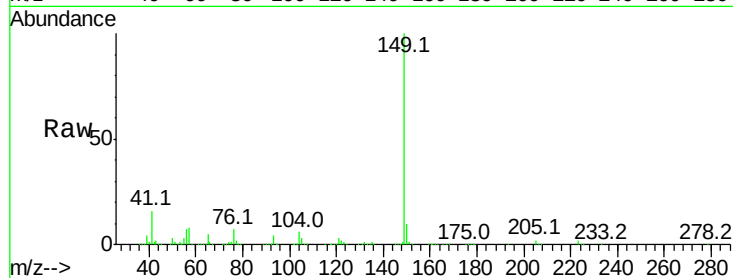
Tot Ion:149 Resp: 1361520

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

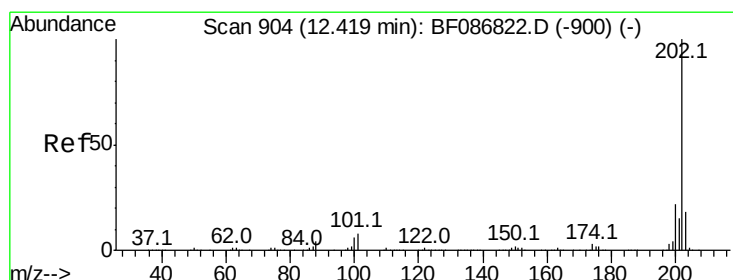
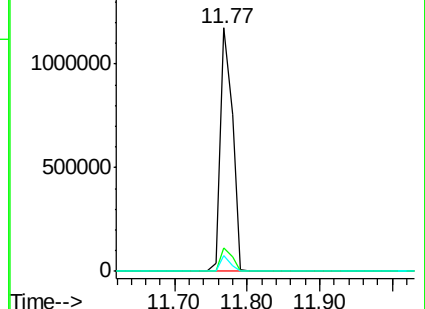
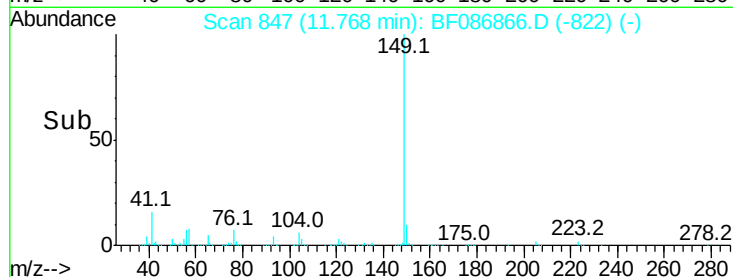
104 6.3 3.8 5.6#



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



#74

Fluoranthene

Concen: 40.63 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

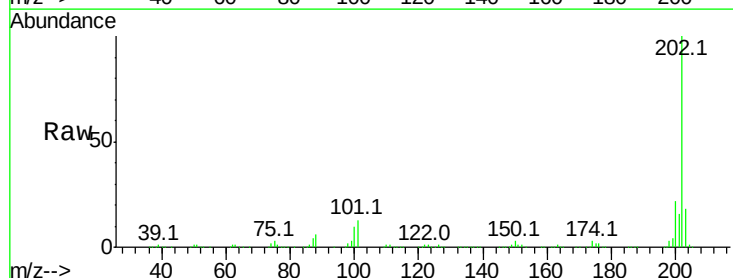
Tgt Ion:202 Resp: 1266773

Ion Ratio Lower Upper

202 100

101 12.8 0.0 35.4

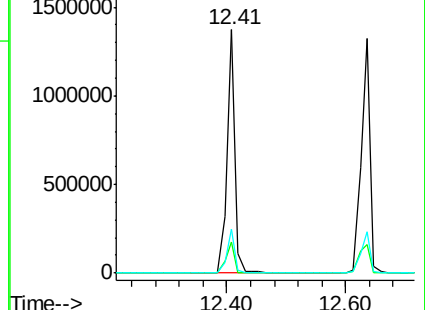
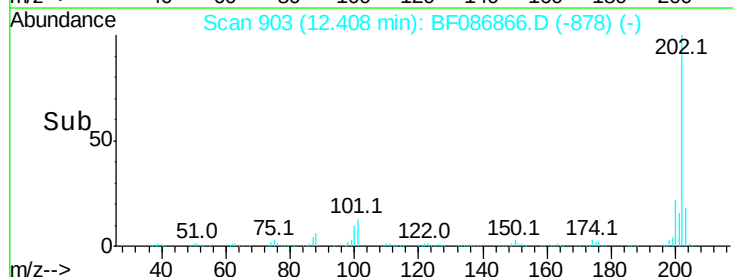
203 18.1 0.0 38.1

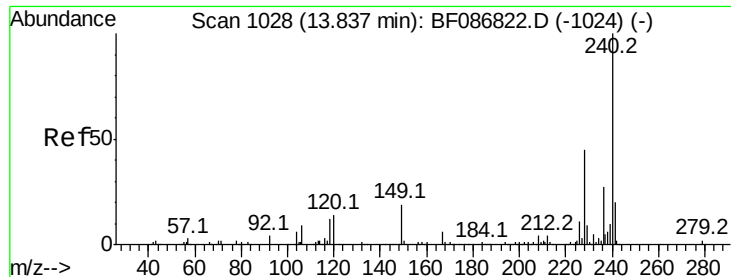


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

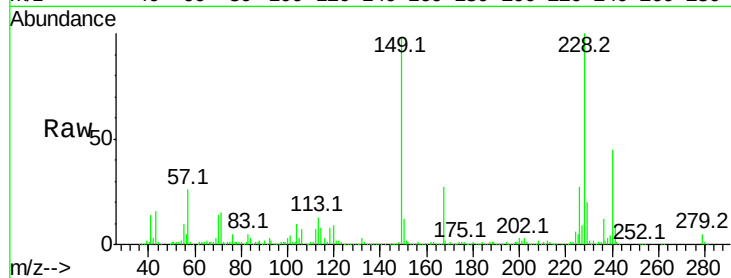
Tot Ion:240 Resp: 373837

Ion Ratio Lower Upper

240 100

120 19.8 11.2 16.8#

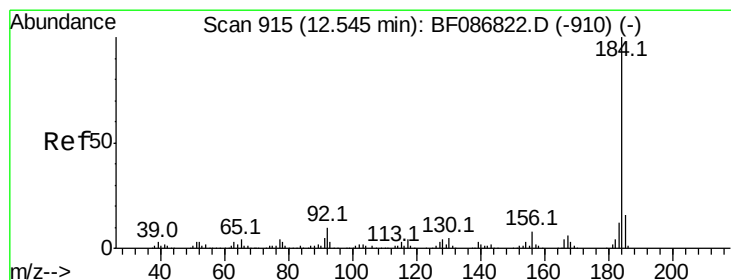
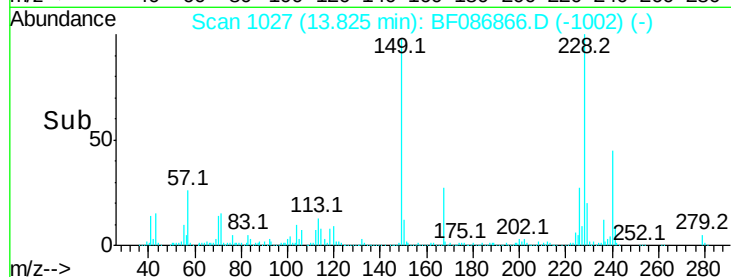
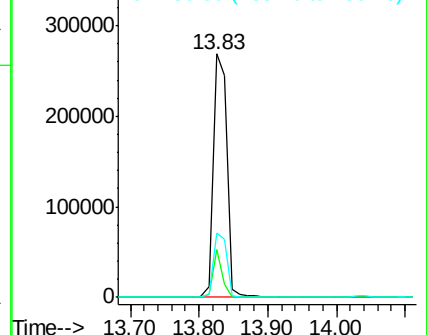
236 26.2 21.2 31.8



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: 40.24 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

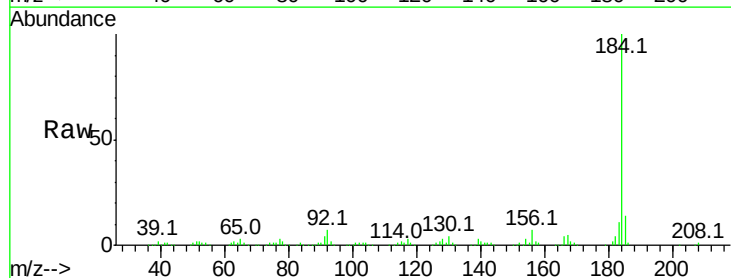
Tgt Ion:184 Resp: 383521

Ion Ratio Lower Upper

184 100

185 14.4 13.6 20.4

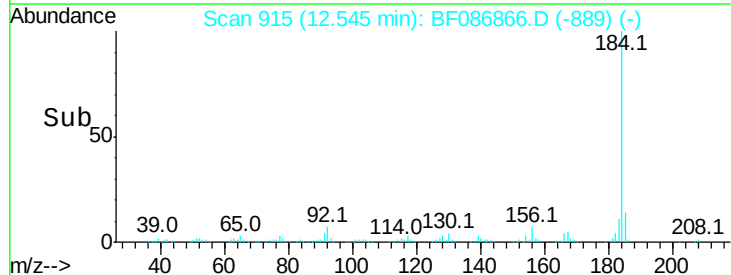
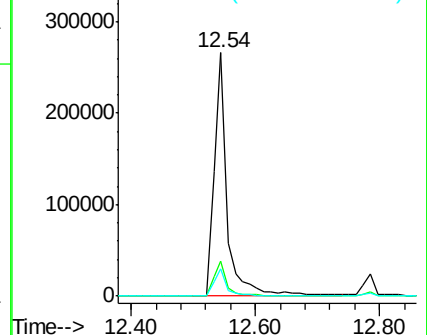
183 11.5 9.8 14.6

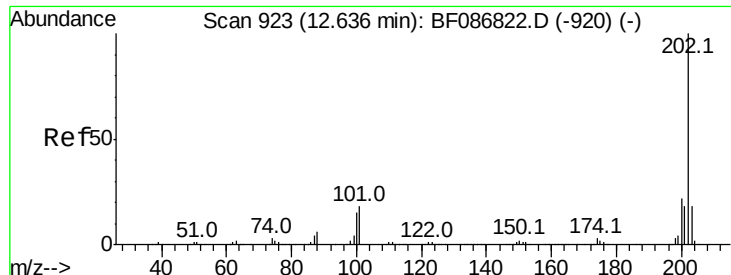


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



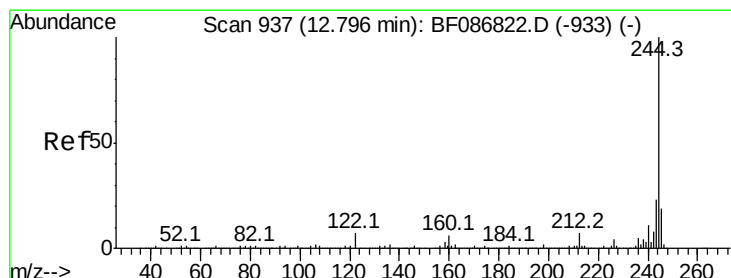
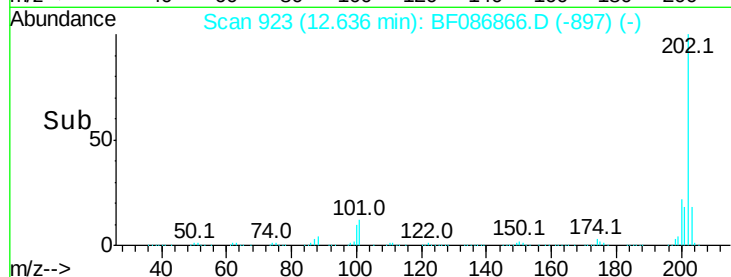
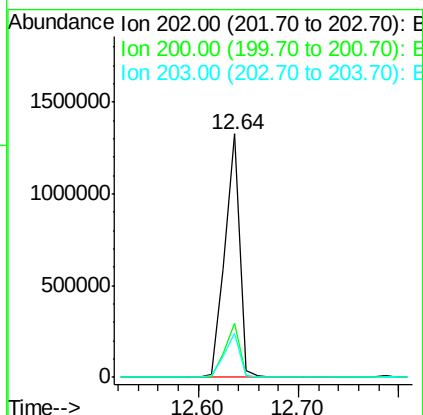
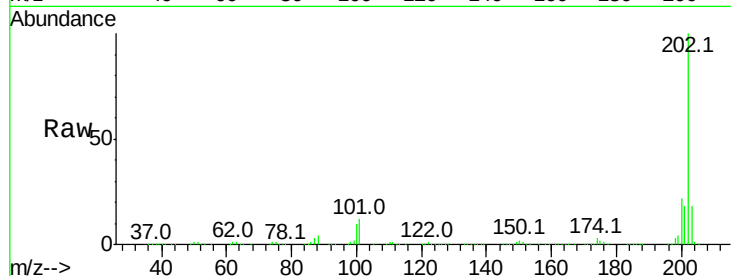


#77
 Pvrene
 Concen: 47.57 ng
 RT: 12.64 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion:202 Resp: 1361561

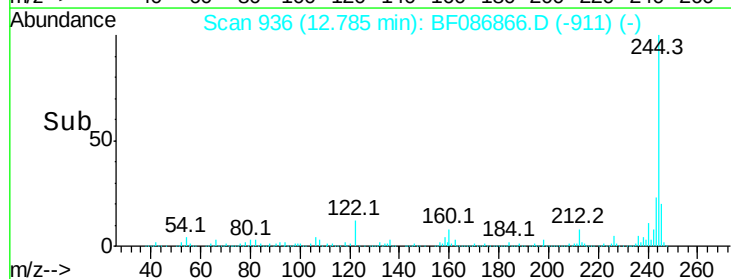
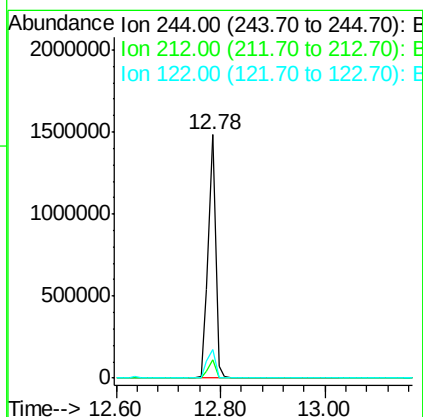
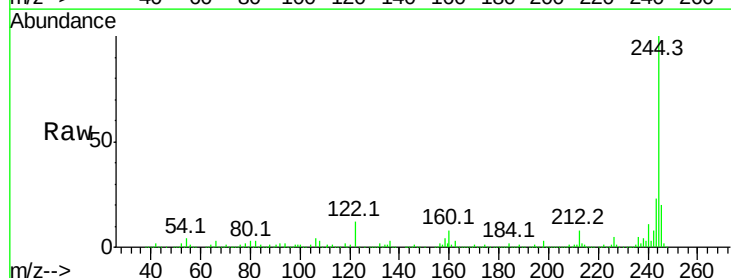
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.9	14.2	21.4

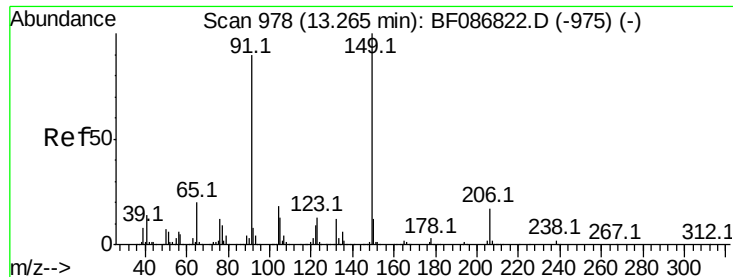


#78
 Terphenyl-d14
 Concen: 83.68 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion:244 Resp: 1474329

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.8	12.0	18.0

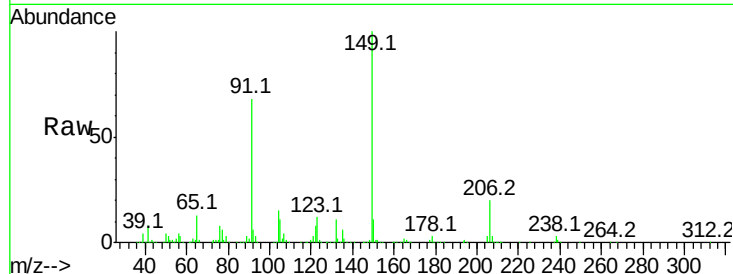




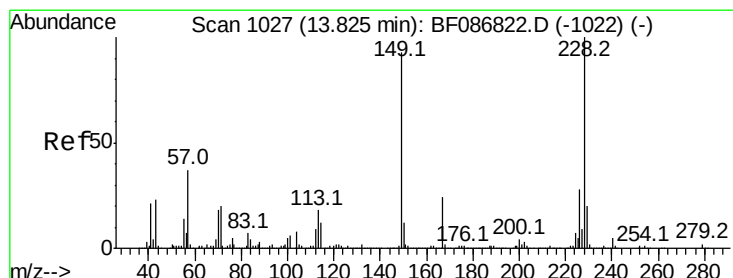
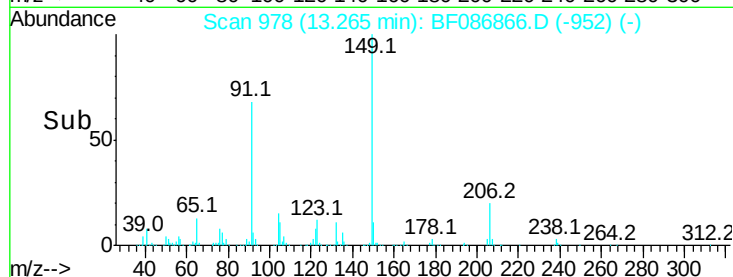
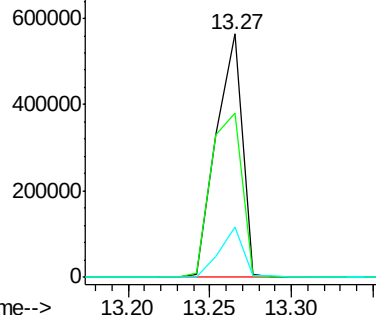
#79
Butylbenzylphthalate
Concen: 51.59 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.7	48.0	72.0
206	20.5	15.8	23.6

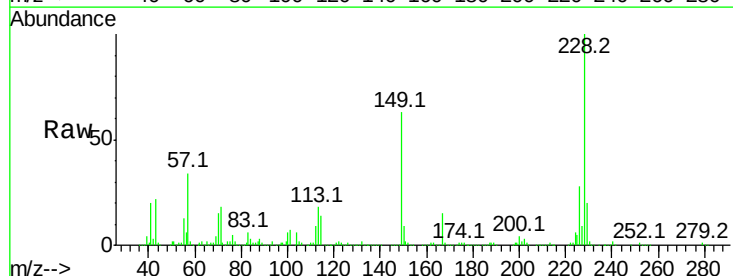


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

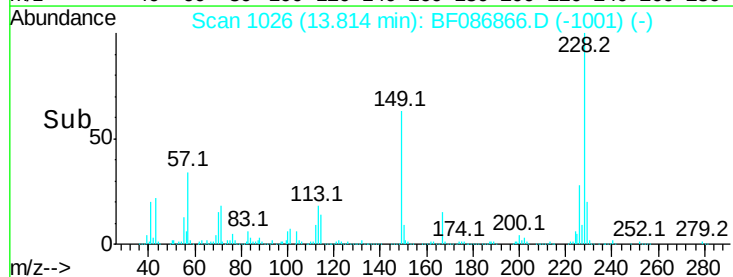
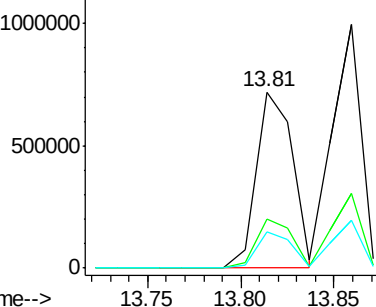


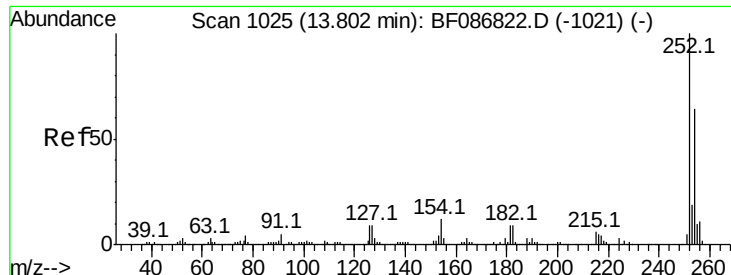
#80
Benzo(a)anthracene
Concen: 46.60 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.5	33.7
229	20.3	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

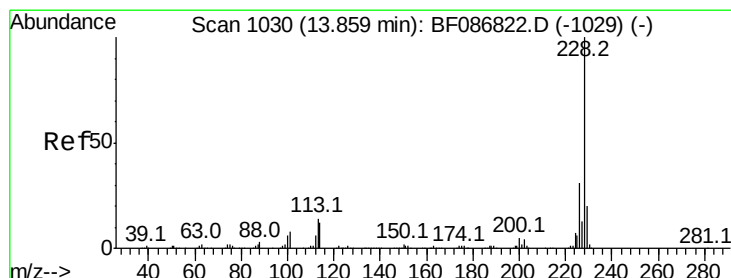
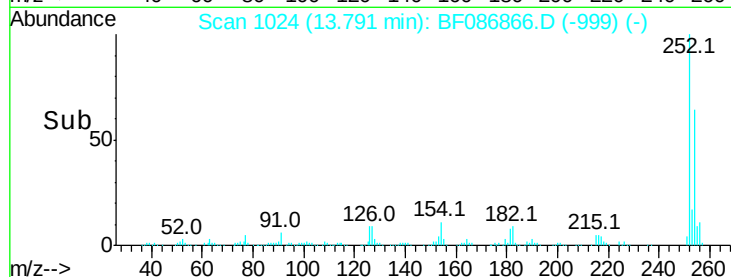
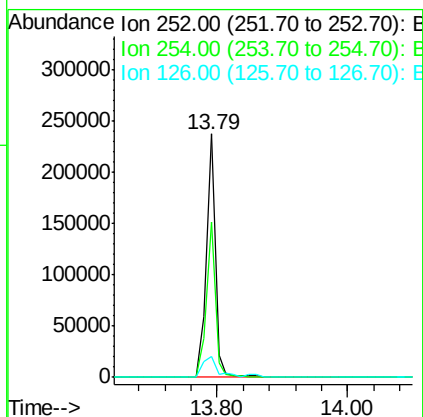
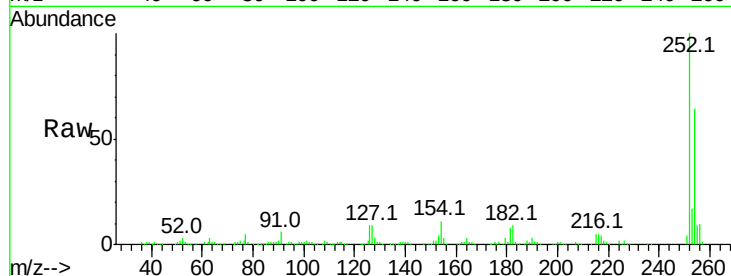




#81
 3,3'-Dichlorobenzidine
 Concen: 17.21 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

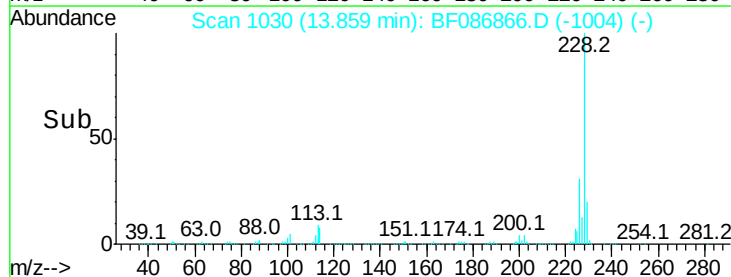
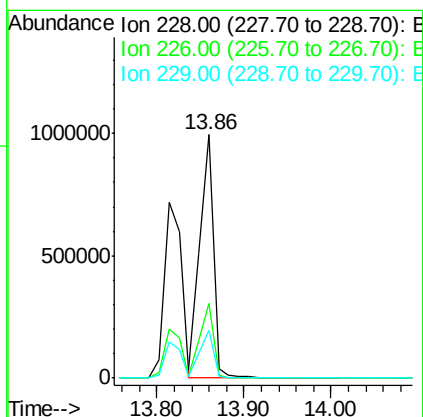
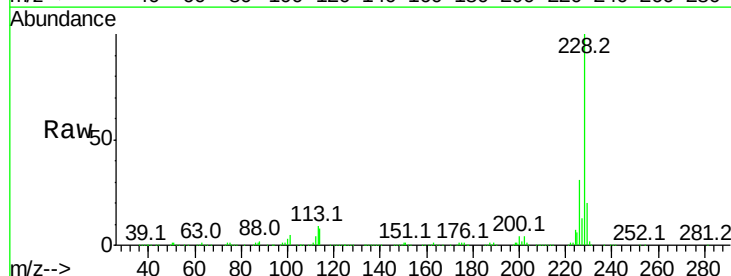
Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

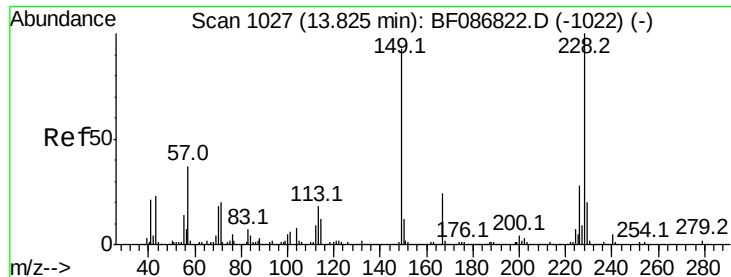
Tot Ion:252 Resp: 229429
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.7 76.1
 126 8.7 12.7 19.1#



#82
 Chrysene
 Concen: 50.57 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion:228 Resp: 1079623
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 19.7 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.41 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

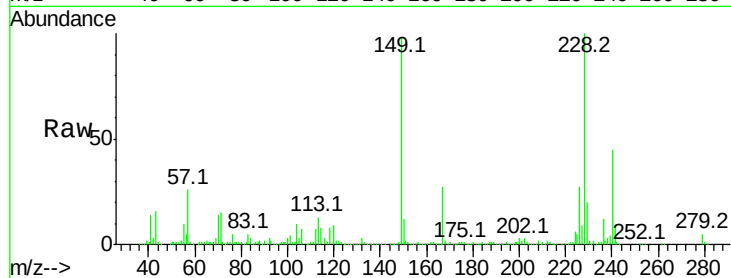
Tot Ion:149 Resp: 734015

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

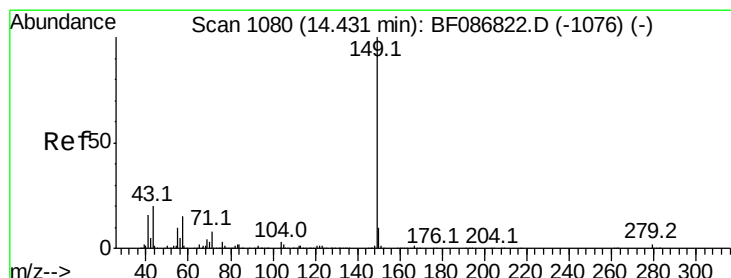
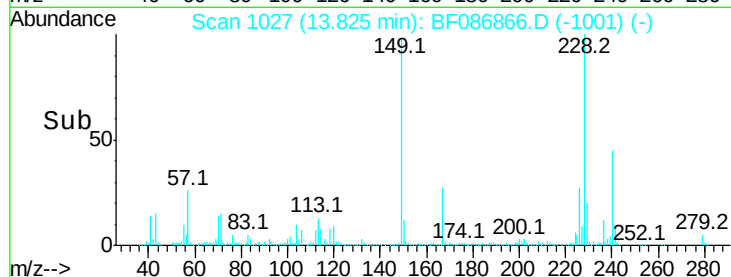
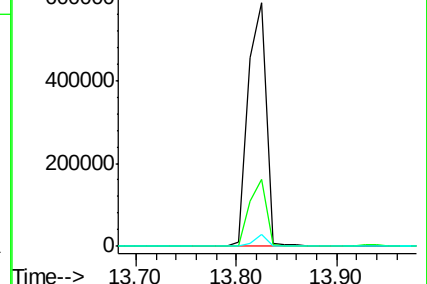
279 4.7 2.6 4.0#



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: 55.93 ng

RT: 14.43 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

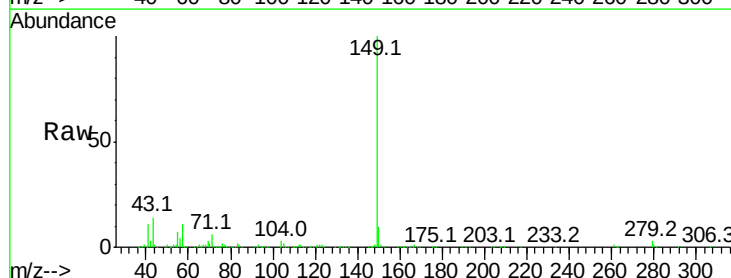
Tgt Ion:149 Resp: 1349053

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

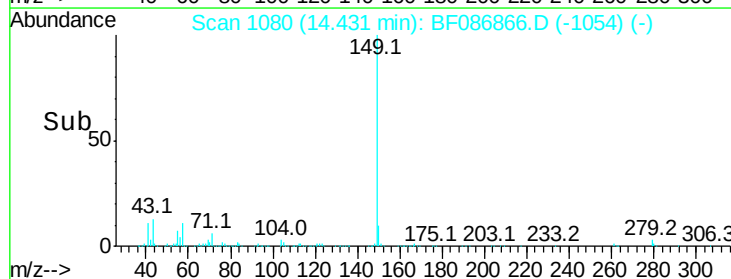
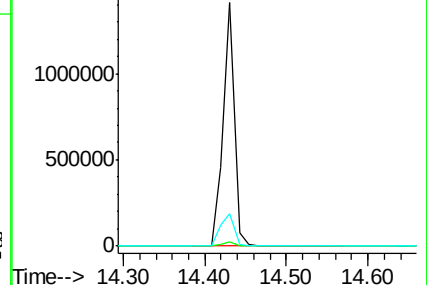
43 16.5 8.2 12.4#

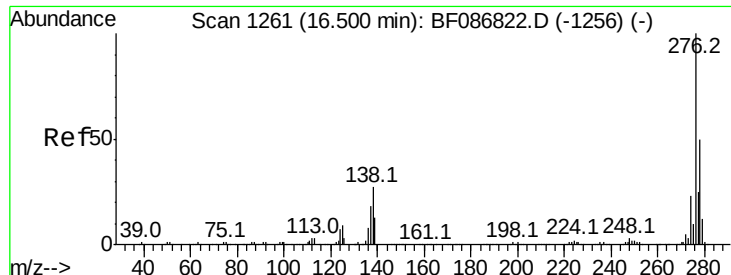


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

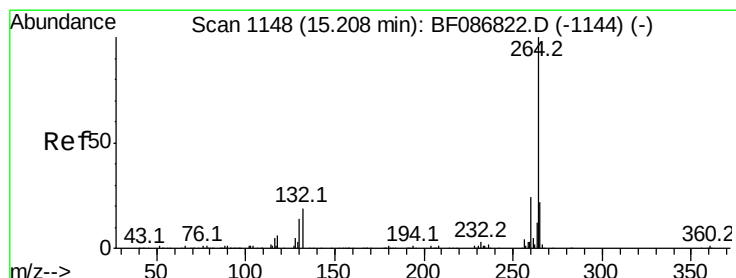
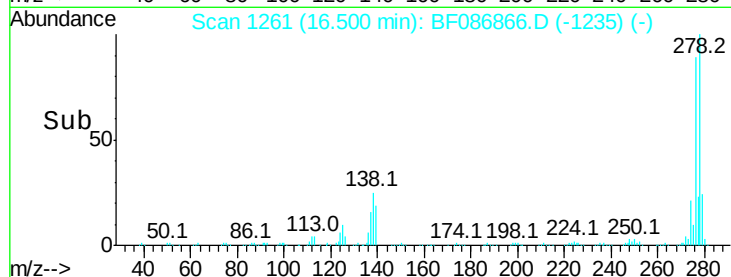
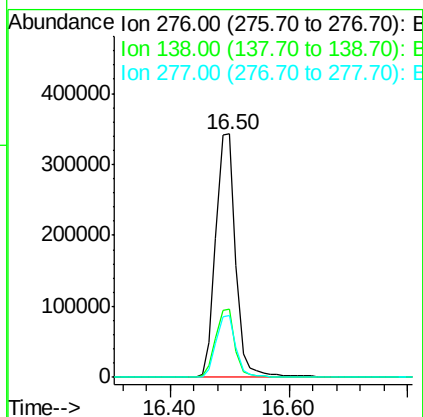
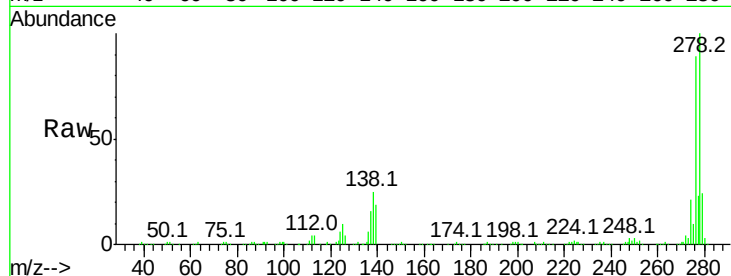




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.48 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

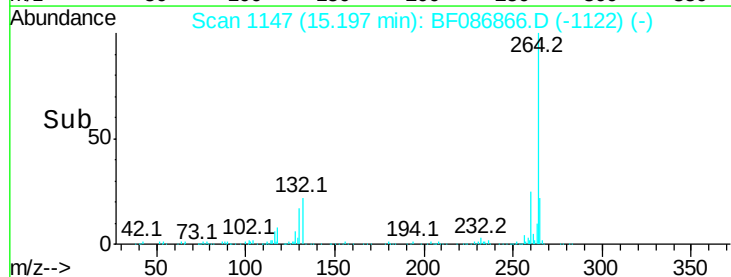
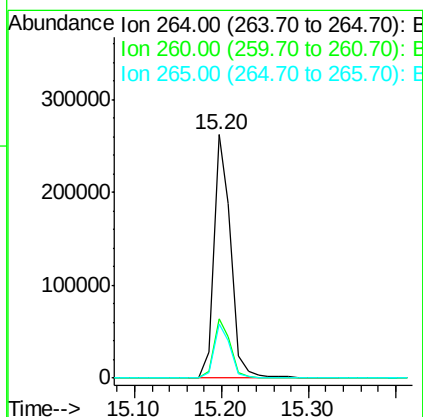
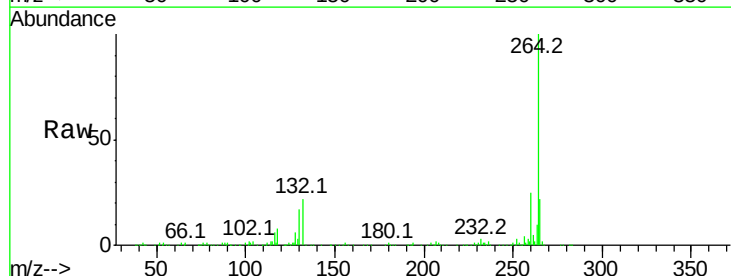
Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

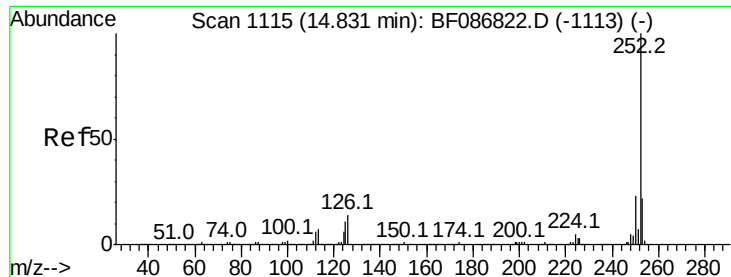
Tot Ion:276 Resp: 807822
 Ion Ratio Lower Upper
 276 100
 138 27.5 25.6 38.4
 277 25.3 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion:264 Resp: 356943
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 80.67 ng

RT: 14.85 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

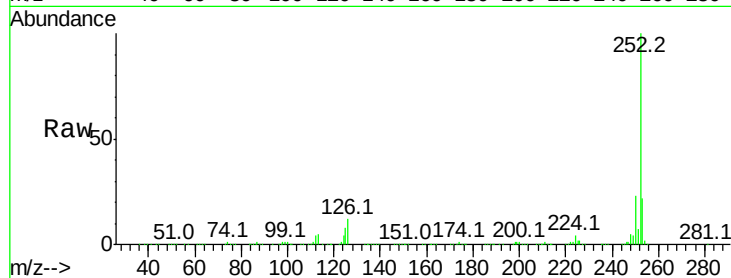
Tot Ion:252 Resp: 1871323

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

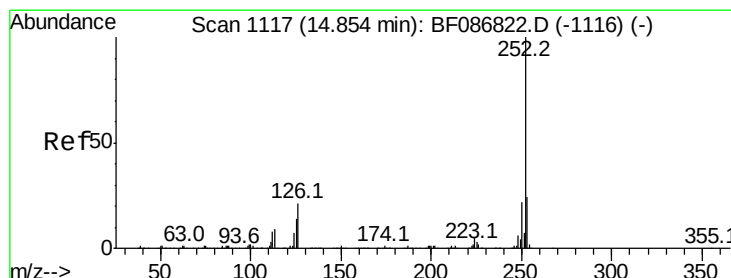
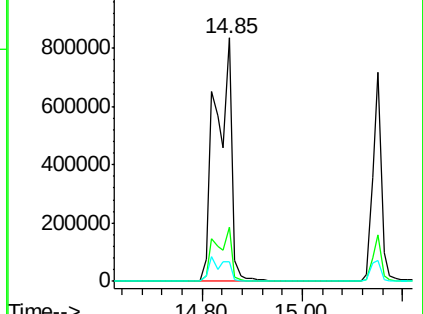
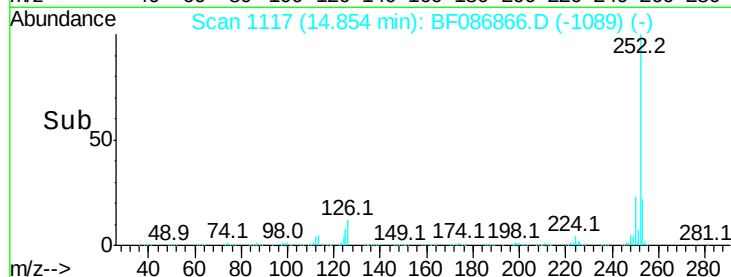
125 8.2 11.4 17.0#



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: 98.58 ng

RT: 14.85 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

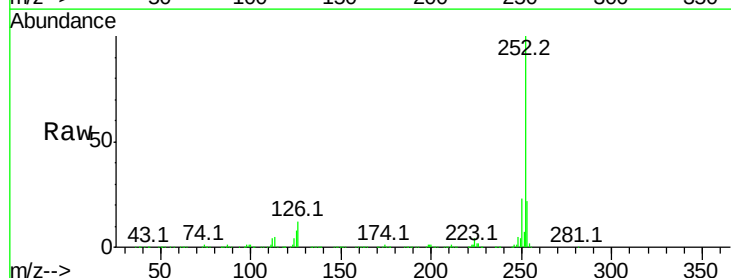
Tgt Ion:252 Resp: 1872515

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

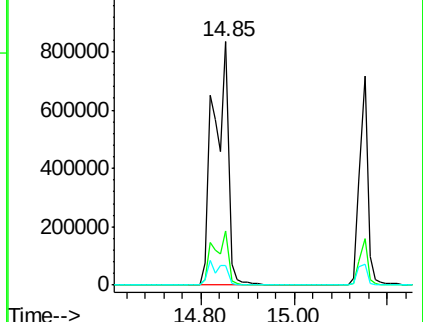
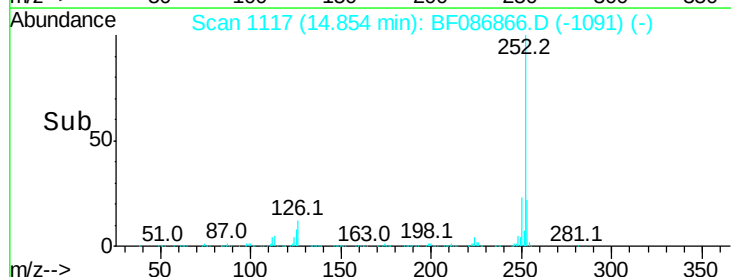
125 8.2 9.1 13.7#

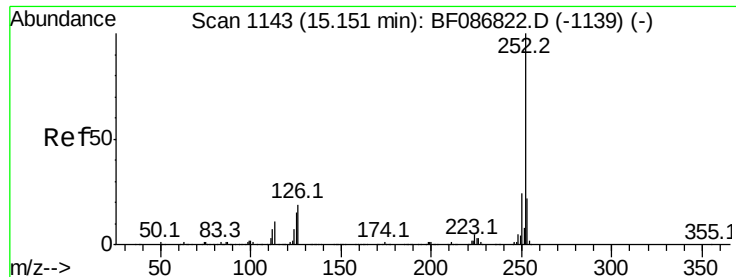


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.66 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

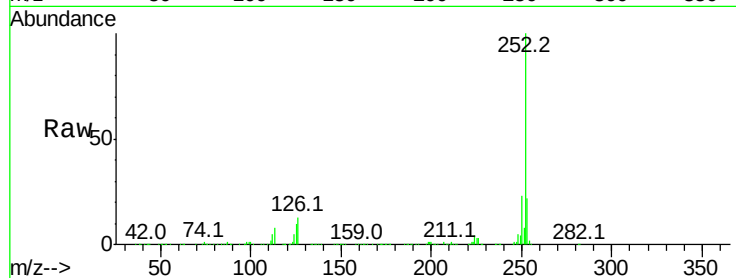
Tot Ion:252 Resp: 853660

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

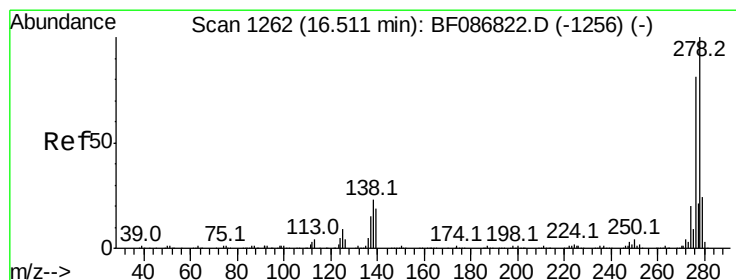
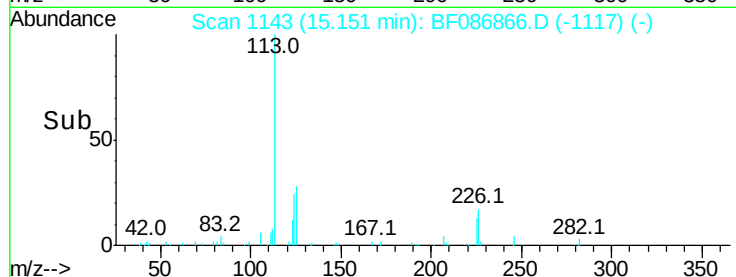
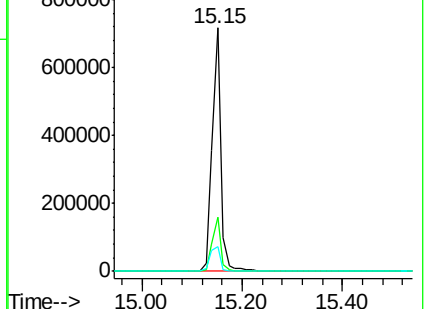
125 10.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.80 ng

RT: 16.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

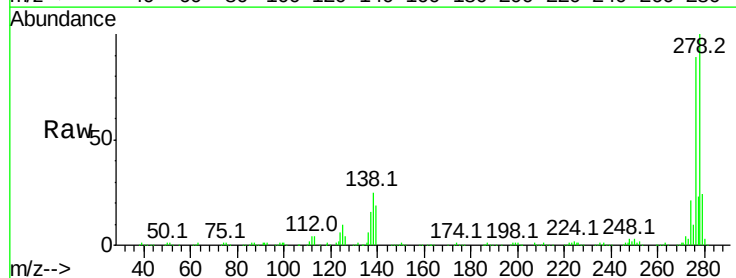
Tgt Ion:278 Resp: 671092

Ion Ratio Lower Upper

278 100

139 19.3 16.6 24.8

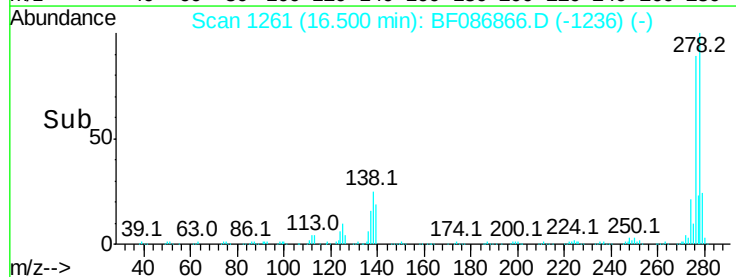
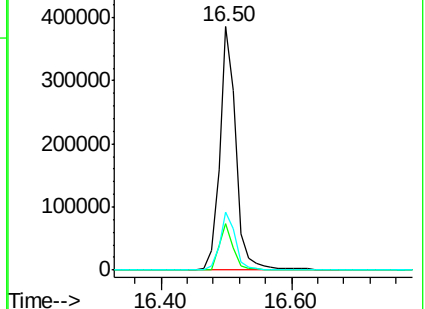
279 24.1 19.6 29.4

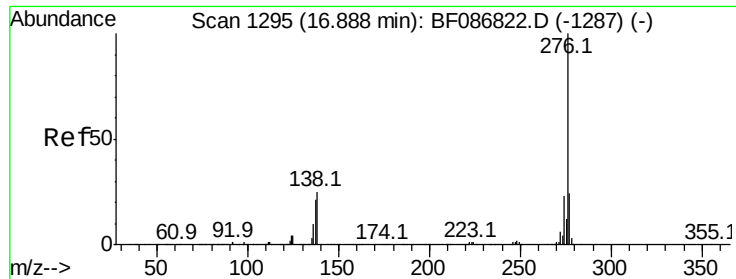


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.20 ng
 RT: 16.88 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	23.3	23.6	35.4#

