

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086864.D
 Acq On : 10 May 2016 17:19
 Operator : UM/SJ
 Sample : PB90444BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Quant Time: May 11 03:42:38 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	152083	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	644882	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	308471	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	569621	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	395459	20.00	ng	-0.01
86) Perylene-d12	15.20	264	377880	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	739937	82.40	ng	0.00
7) Phenol-d6	6.35	99	1036292	86.34	ng	-0.01
23) Nitrobenzene-d5	7.26	82	997507	77.67	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	254452	77.92	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1627724	88.68	ng	0.00
78) Terphenyl-d14	12.79	244	1513422	81.20	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	146284	33.18	ng	# 68
3) Pyridine	2.93	79	348757	32.36	ng	# 66
4) n-Nitrosodimethylamine	2.89	42	296971	38.00	ng	# 52
6) Aniline	6.35	93	248389	17.11	ng	# 1
8) 2-Chlorophenol	6.48	128	428052	39.50	ng	95
9) Benzaldehyde	6.24	77	39702	5.71	ng	95
10) Phenol	6.36	94	530225	37.17	ng	80
11) bis(2-Chloroethyl)ether	6.43	93	412156	37.05	ng	91
12) 1,3-Dichlorobenzene	6.62	146	439581	37.49	ng	98
13) 1,4-Dichlorobenzene	6.70	146	443082	37.05	ng	99
14) 1,2-Dichlorobenzene	6.85	146	396802	38.07	ng	98
15) Benzyl Alcohol	6.85	79	355240	42.86	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	888756	36.75	ng	95
17) 2-Methylphenol	6.97	107	352064	40.83	ng	# 84
18) Hexachloroethane	7.20	117	174041	38.68	ng	# 90
19) n-Nitroso-di-n-propylamine	7.12	70	347226	41.40	ng	# 74
20) 3+4-Methylphenols	7.13	107	469888	41.72	ng	# 61
22) Acetophenone	7.10	105	596863	39.18	ng	98
24) Nitrobenzene	7.28	77	465430	35.23	ng	97
25) Isophorone	7.52	82	857531	35.99	ng	98
26) 2-Nitrophenol	7.60	139	229045	39.44	ng	# 86
27) 2,4-Dimethylphenol	7.65	122	384938	38.91	ng	95
28) bis(2-Chloroethoxy)methane	7.73	93	514368	40.02	ng	99
29) 2,4-Dichlorophenol	7.85	162	352354	40.47	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	377204	38.75	ng	97
31) Naphthalene	8.00	128	1250671	38.72	ng	99
32) Benzoic acid	7.80	122	203369	35.00	ng	# 80
33) 4-Chloroaniline	8.06	127	98258	7.83	ng	95
34) Hexachlorobutadiene	8.11	225	206023	36.47	ng	98
35) Caprolactam	8.43	113	66935	22.59	ng	# 48
36) 4-Chloro-3-methylphenol	8.56	107	382432	36.22	ng	89
37) 2-Methylnaphthalene	8.68	142	755209	39.99	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	348324	38.84	ng	98
40) Hexachlorocyclopentadiene	8.84	237	364700	85.67	ng	95

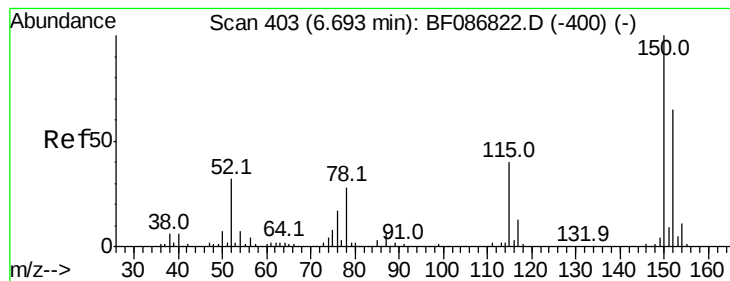
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	242840	40.49	nq	93
43) 2,4,5-Trichlorophenol	9.02	196	256691	41.39	nq #	92
45) 1,1'-Biphenyl	9.15	154	980806	39.97	nq	97
46) 2-Chloronaphthalene	9.17	162	738955	38.44	nq	95
47) 2-Nitroaniline	9.29	65	278265	39.61	nq	93
48) Acenaphthylene	9.58	152	1078493	38.14	nq	99
49) Dimethylphthalate	9.46	163	884836	37.60	nq	100
50) 2,6-Dinitrotoluene	9.53	165	216824	43.78	nq #	77
51) Acenaphthene	9.76	154	698792	39.73	nq	99
52) 3-Nitroaniline	9.70	138	75964	14.57	nq	99
53) 2,4-Dinitrophenol	9.80	184	200087	79.15	nq #	74
54) Dibenzofuran	9.93	168	940240	41.64	nq	94
55) 4-Nitrophenol	9.88	139	242362	70.30	nq #	48
56) 2,4-Dinitrotoluene	9.93	165	233561	38.11	nq #	69
57) Fluorene	10.27	166	772936	40.14	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	208452	44.64	nq	97
59) Diethylphthalate	10.16	149	844407	36.82	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	369483	43.82	nq #	77
61) 4-Nitroaniline	10.32	138	205422	41.02	nq	85
62) Azobenzene	10.42	77	996982	40.30	nq	82
64) 4,6-Dinitro-2-methylphenol	10.34	198	150124	42.42	nq	92
65) n-Nitrosodiphenylamine	10.38	169	685729	39.19	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	221859	38.42	nq	98
67) Hexachlorobenzene	10.82	284	279294	41.38	nq #	95
68) Atrazine	10.92	200	229328	39.23	nq	94
69) Pentachlorophenol	11.01	266	261957	83.98	nq	96
70) Phenanthrene	11.23	178	1272829	41.87	nq	100
71) Anthracene	11.28	178	1138320	36.62	nq	100
72) Carbazole	11.44	167	1050351	39.30	nq	99
73) Di-n-butylphthalate	11.77	149	1269649	38.90	nq #	98
74) Fluoranthene	12.41	202	1249230	39.96	nq	96
76) Benzidine	12.55	184	179529	17.81	nq	96
77) Pyrene	12.64	202	1314664	43.42	nq	99
79) Butylbenzylphthalate	13.27	149	579981	45.29	nq	97
80) Benzo(a)anthracene	13.81	228	964231	43.43	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	214799	15.23	nq #	95
82) Chrysene	13.86	228	1027556	45.50	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	703871	45.69	nq #	98
84) Di-n-octyl phthalate	14.43	149	1277477	50.06	nq #	83
85) Indeno(1,2,3-cd)pyrene	16.50	276	793954	42.26	nq	95
87) Benzo(b)fluoranthene	14.85	252	1874971	76.35	nq #	94
88) Benzo(k)fluoranthene	14.85	252	1875912	93.29	nq #	97
89) Benzo(a)pyrene	15.15	252	867231	40.94	nq	98
90) Dibenzo(a,h)anthracene	16.50	278	658159	36.87	nq	99
91) Benzo(g,h,i)perylene	16.88	276	663252	36.56	nq	94

(#) = 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: BF086864.D

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PB90444BS

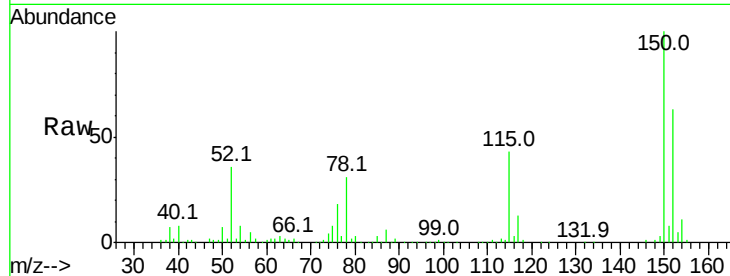
Tot Ion:152 Resp: 152083

Ion Ratio Lower Upper

152 100

150 159.2 125.8 188.6

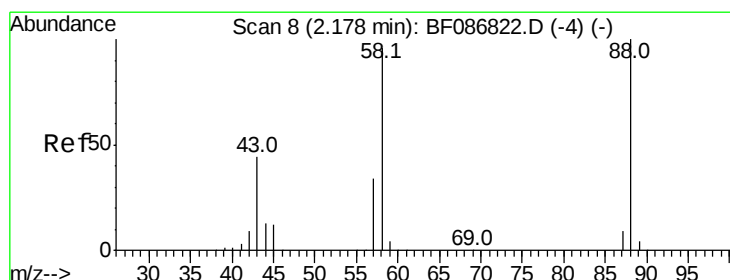
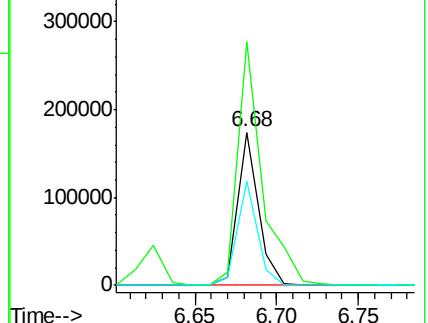
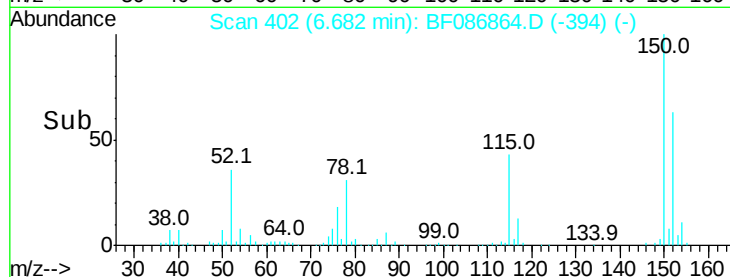
115 67.9 51.5 77.3



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: 33.18 ng

RT: 2.27 min Scan# 16

Delta R.T. 0.09 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

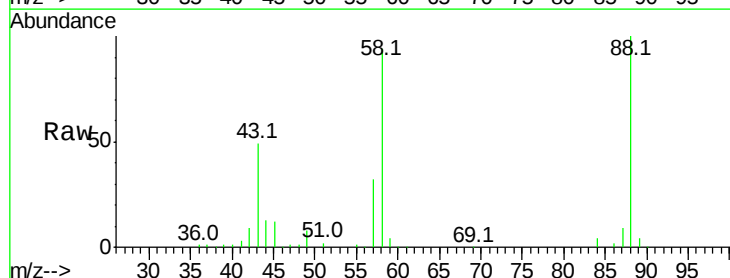
Tgt Ion: 88 Resp: 146284

Ion Ratio Lower Upper

88 100

58 96.0 59.6 89.4#

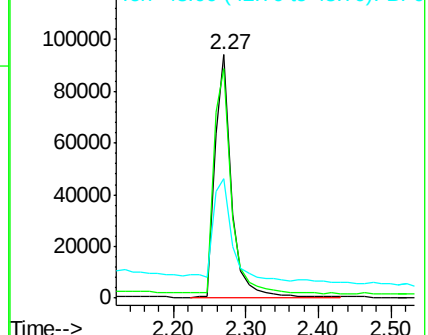
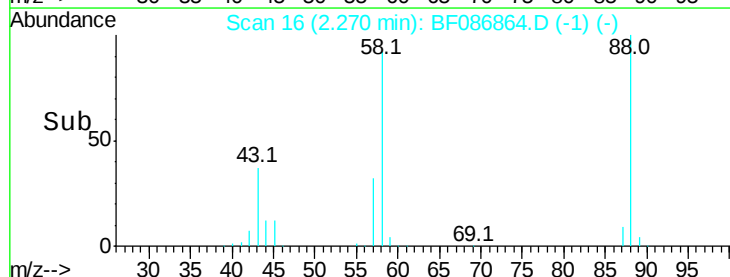
43 52.9 21.8 32.6#

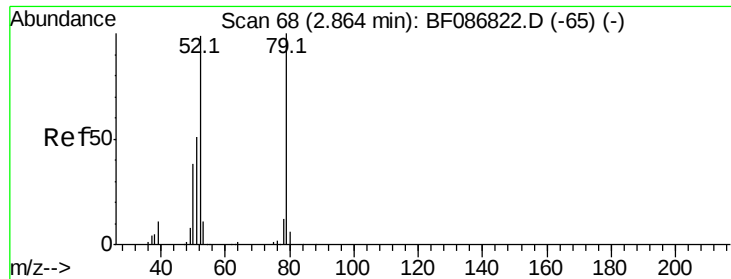


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.36 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.07 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

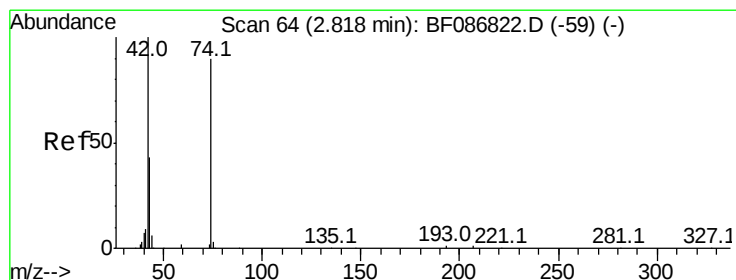
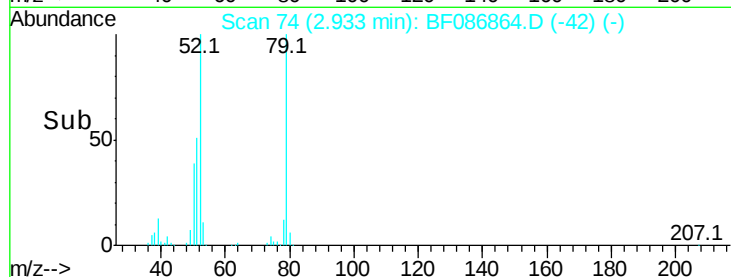
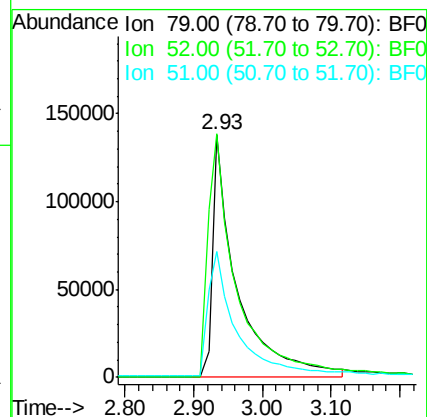
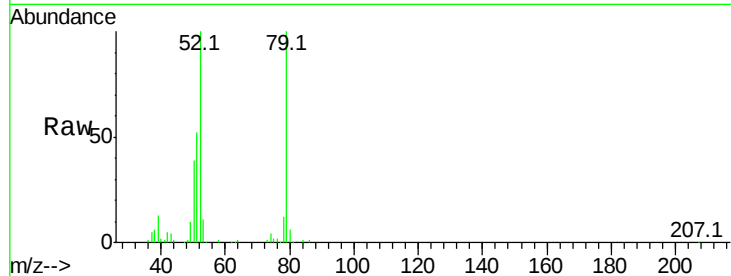
Tot Ion: 79 Resp: 348757

Ion Ratio Lower Upper

79 100

52 100.3 55.9 83.9#

51 51.7 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.00 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.07 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

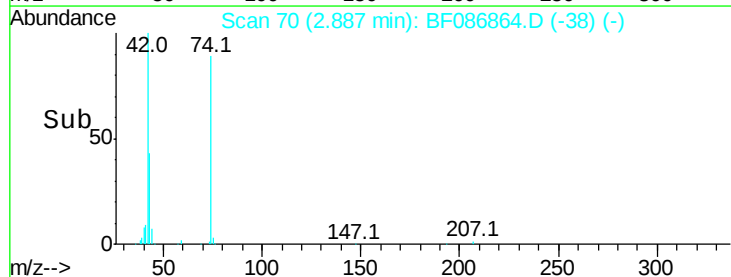
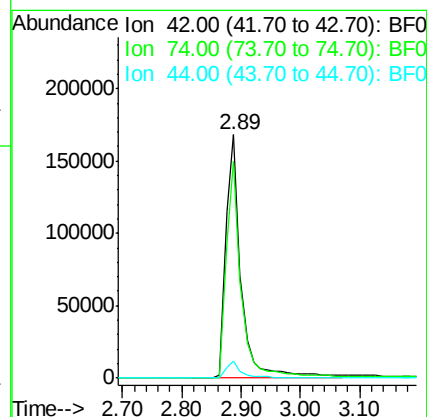
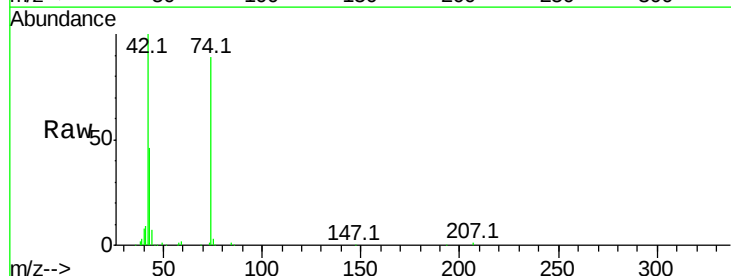
Tgt Ion: 42 Resp: 296971

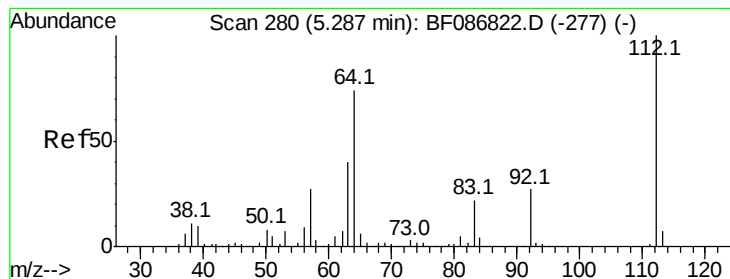
Ion Ratio Lower Upper

42 100

74 89.1 123.4 185.0#

44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 82.40 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

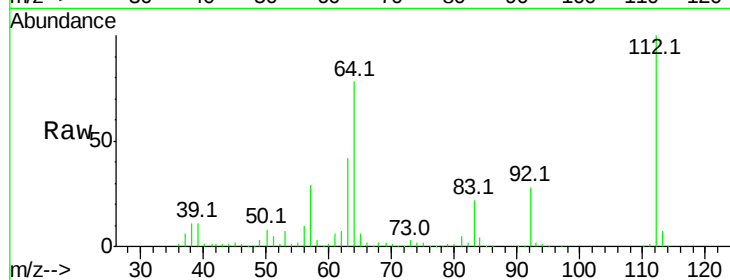
Tot Ion:112 Resp: 739937

Ion Ratio Lower Upper

112 100

64 77.5 52.1 78.1

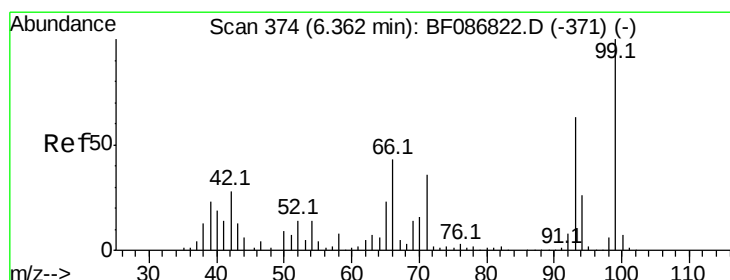
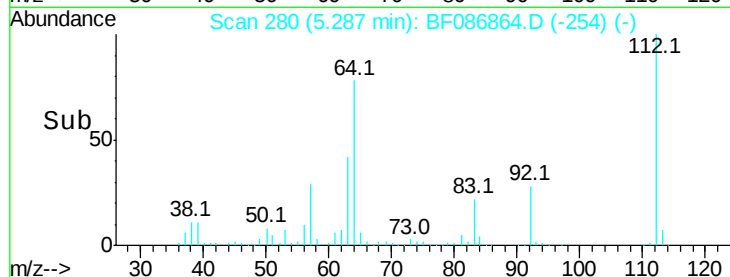
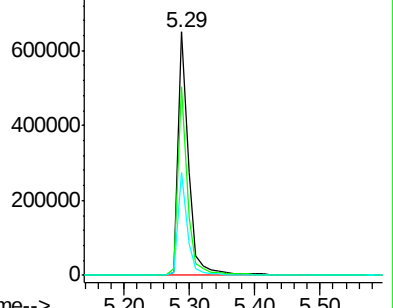
63 42.1 25.7 38.5#



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: 17.11 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

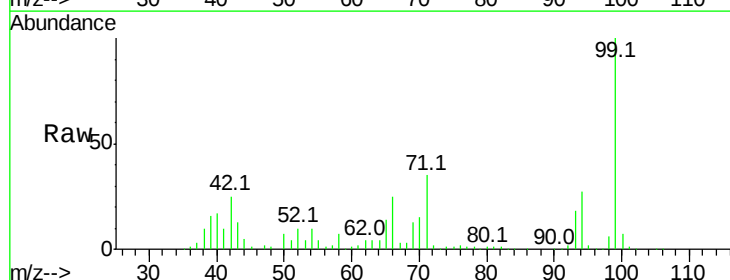
Tgt Ion: 93 Resp: 248389

Ion Ratio Lower Upper

93 100

66 138.1 39.0 58.6#

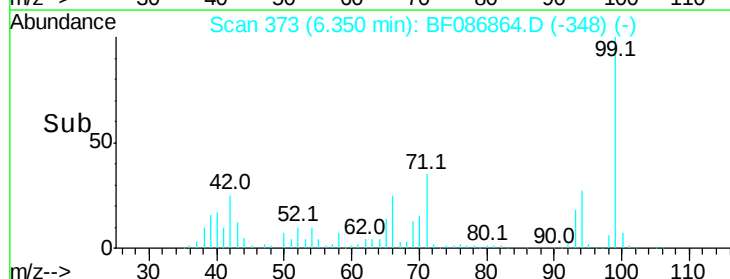
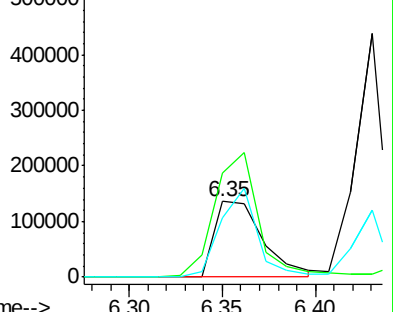
65 79.0 20.6 31.0#

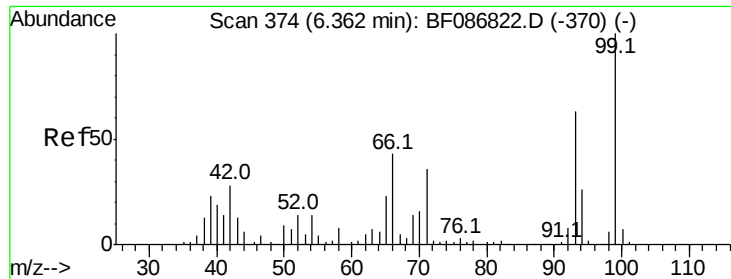


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.34 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

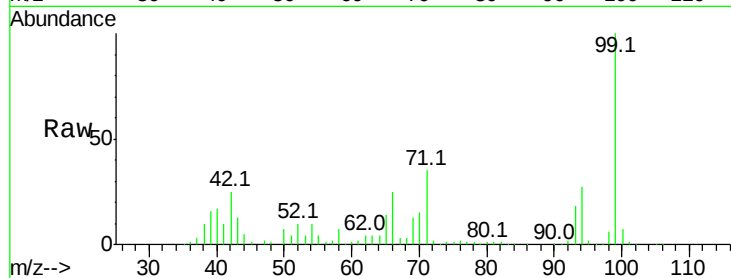
BNA_F

ClientSampleId :

PB90444BS

Tot Ion: 99 Resp: 1036292

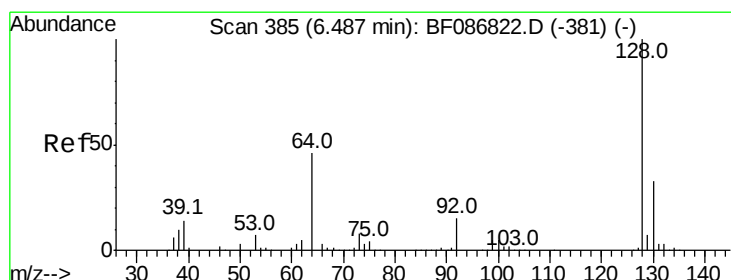
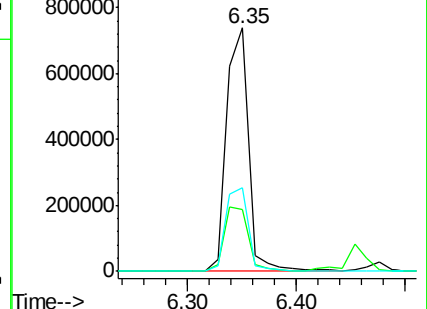
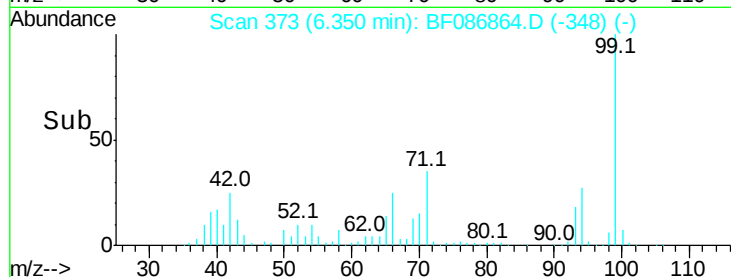
Ion	Ratio	Lower	Upper
99	100		
42	25.3	13.6	20.4#
71	34.5	24.6	36.8



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: 39.50 ng

RT: 6.48 min Scan# 384

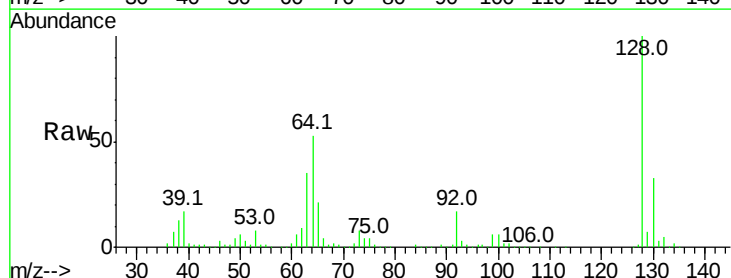
Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion: 128 Resp: 428052

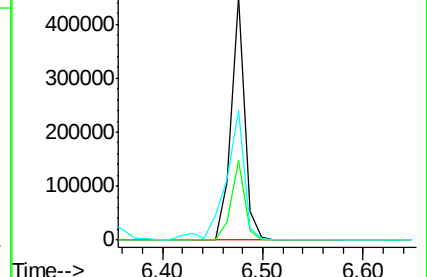
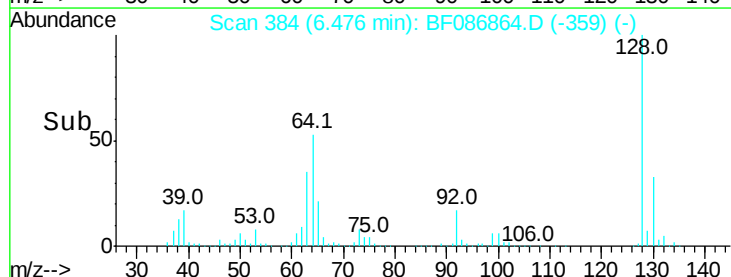
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.5	52.5
64	53.1	27.3	67.3

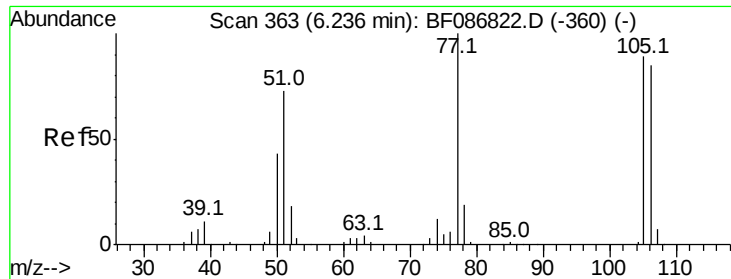


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

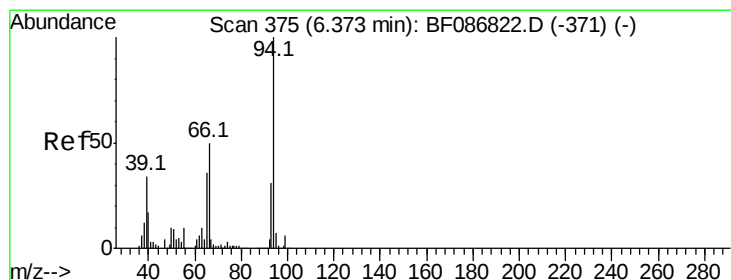
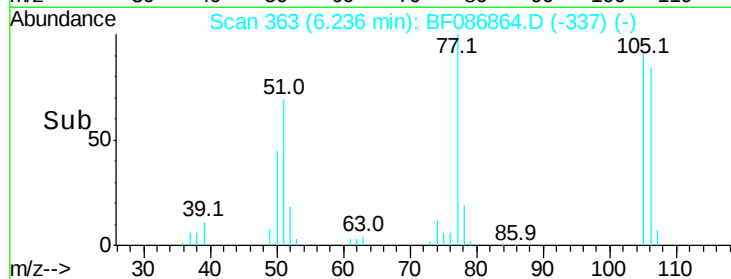
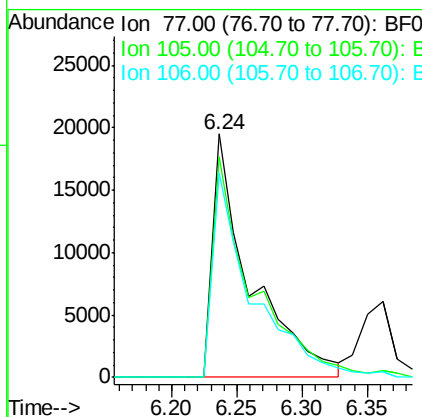
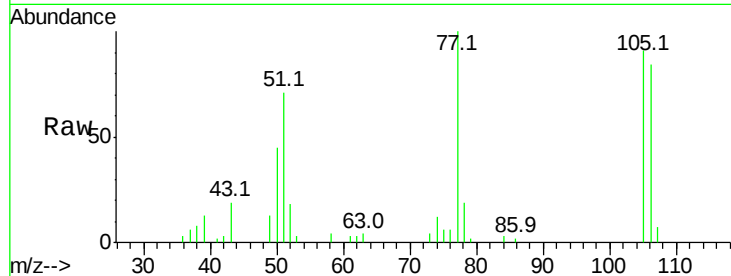




#9
Benzaldehyde
Concen: 5.71 ng
RT: 6.24 min Scan# 363
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

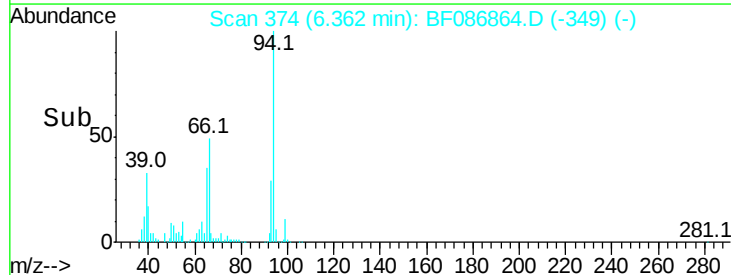
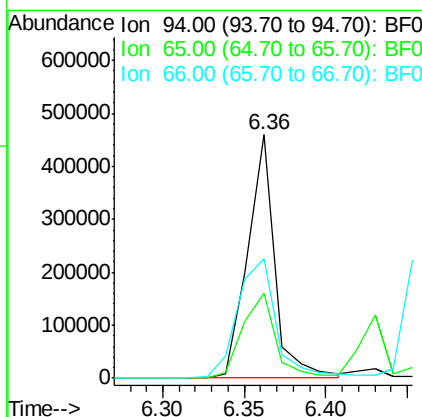
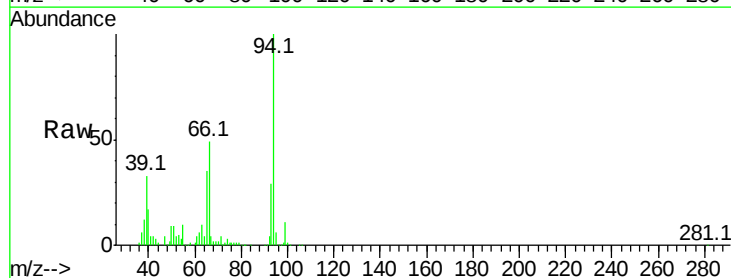
Instrument :
BNA_F
ClientSampleId :
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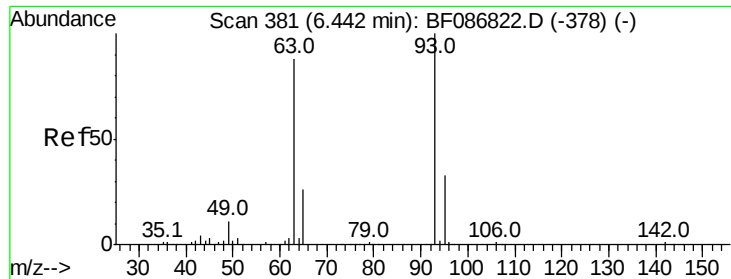
Tot Ion: 77 Resp: 39702
Ion Ratio Lower Upper
77 100
105 90.8 72.7 112.7
106 83.7 70.8 110.8



#10
Phenol
Concen: 37.17 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion: 94 Resp: 530225
Ion Ratio Lower Upper
94 100
65 34.9 7.2 47.2
66 48.9 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 37.05 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

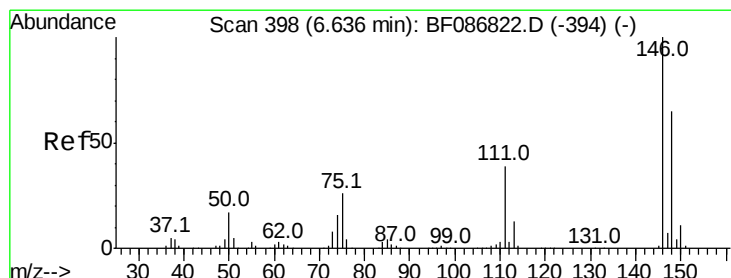
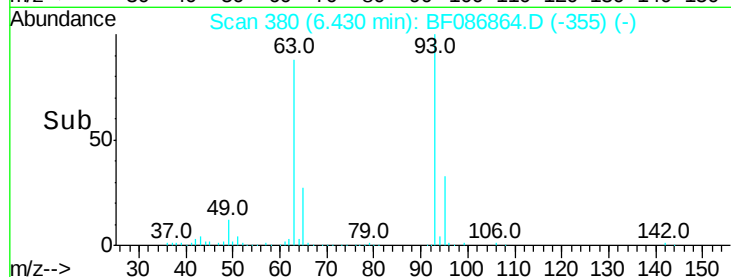
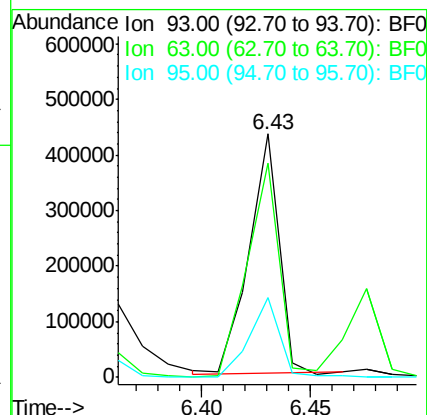
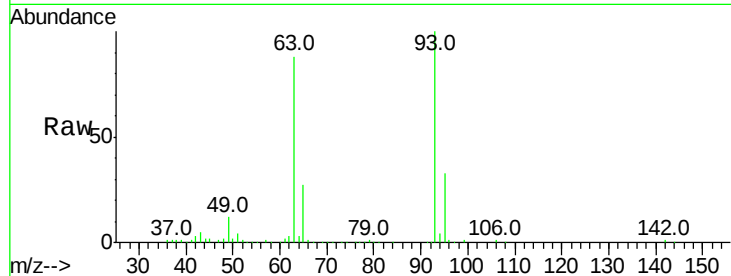
Tot Ion: 93 Resp: 412156

Ion Ratio Lower Upper

93 100

63 88.2 58.0 98.0

95 32.7 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 37.49 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

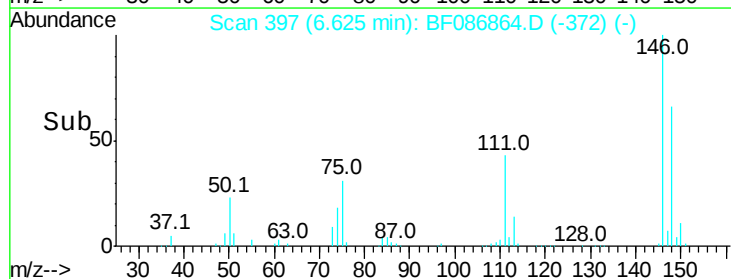
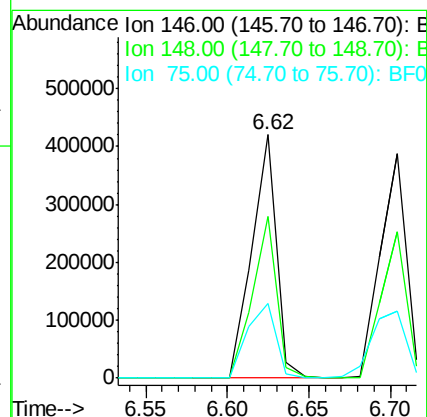
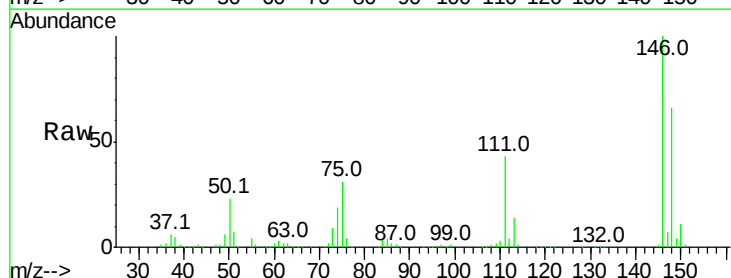
Tgt Ion: 146 Resp: 439581

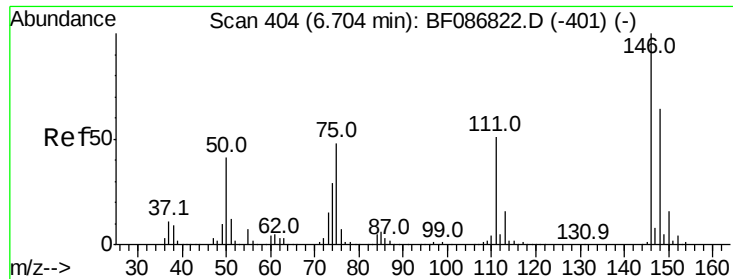
Ion Ratio Lower Upper

146 100

148 66.4 52.4 78.6

75 30.9 22.8 34.2

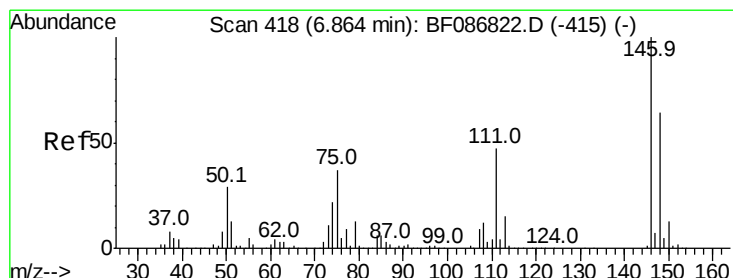
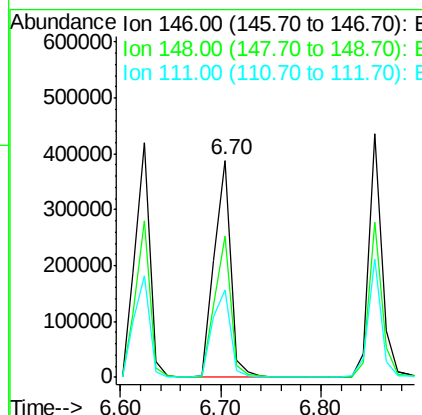
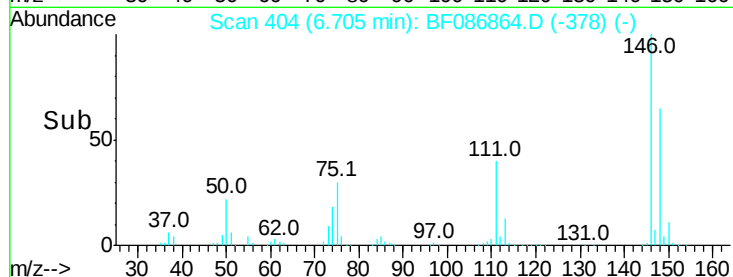
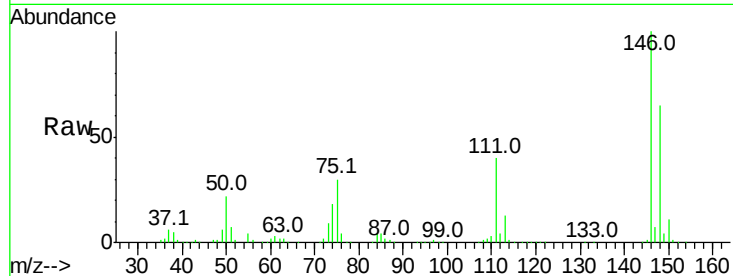




#13
 1,4-Dichlorobenzene
 Concen: 37.05 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

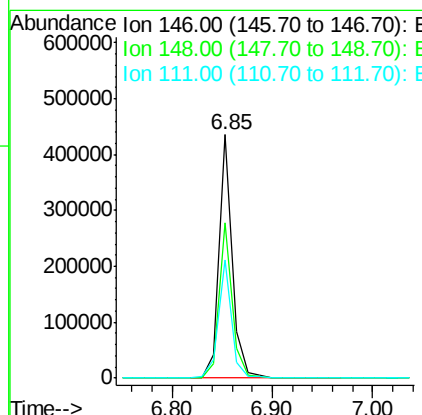
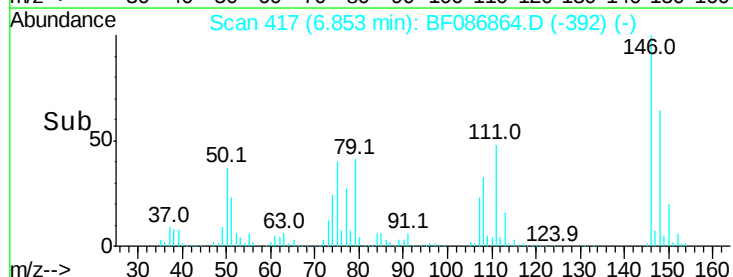
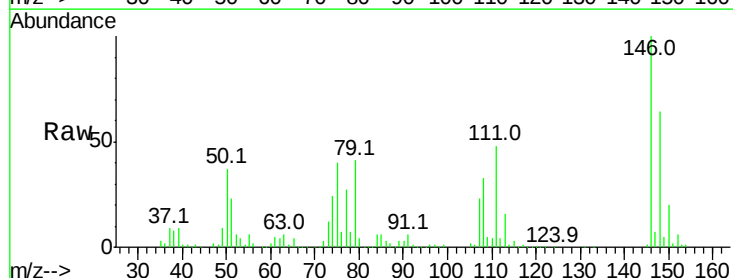
Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

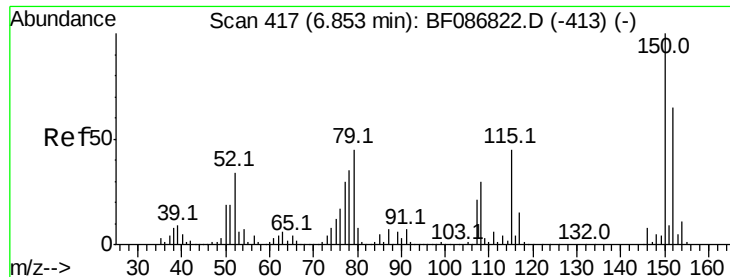
Tot Ion:146 Resp: 443082
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.4
 111 40.4 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 38.07 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion:146 Resp: 396802
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 48.3 36.2 54.4

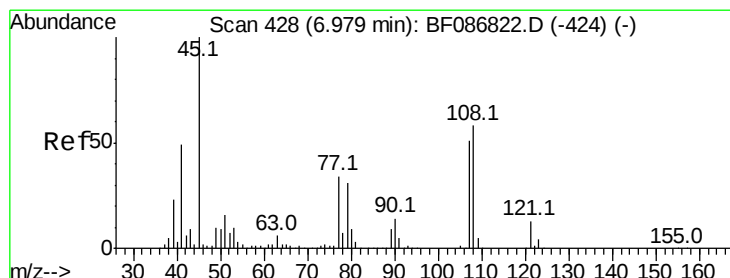
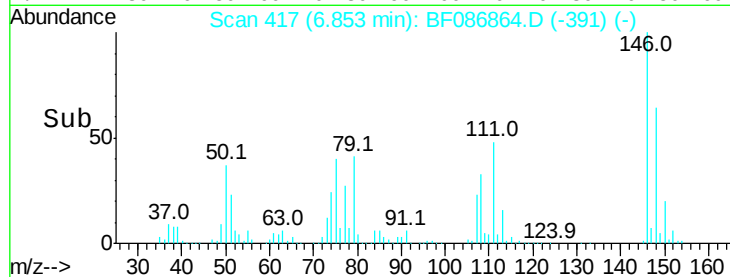
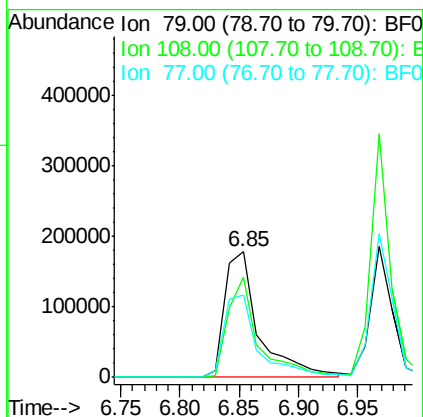
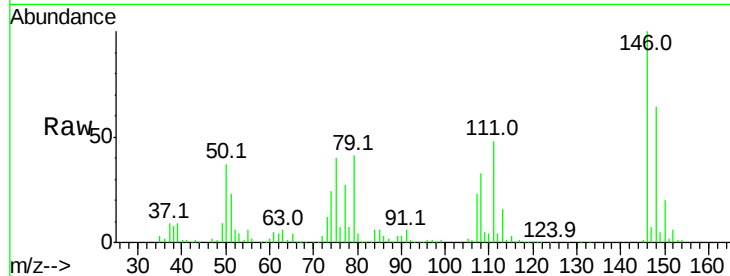




#15
Benzyl Alcohol
Concen: 42.86 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

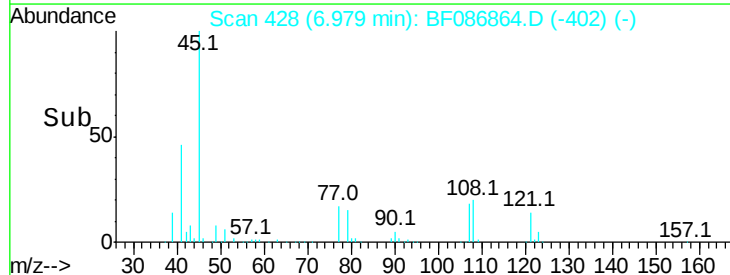
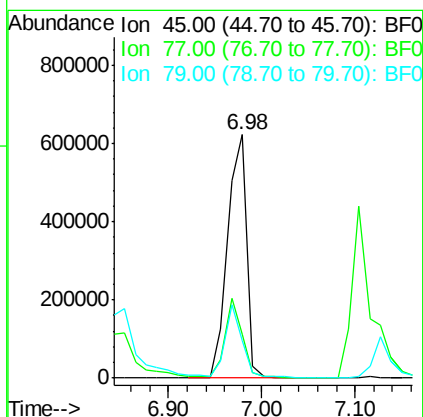
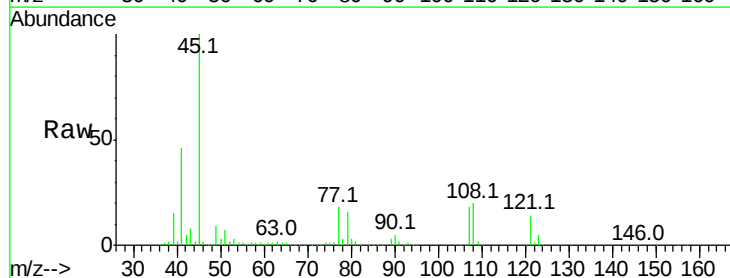
Instrument :
BNA_F
ClientSampleID :
PB90444BS

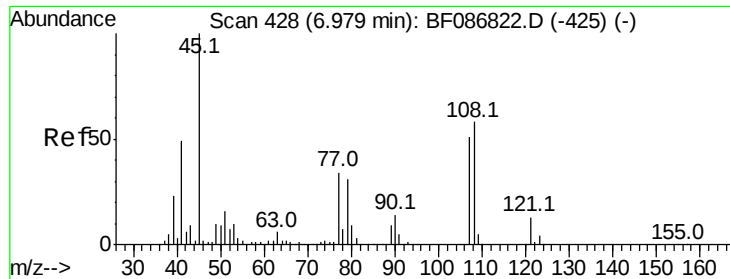
Tot Ion: 79 Resp: 355240
Ion Ratio Lower Upper
79 100
108 80.0 68.4 102.6
77 65.3 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.75 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion: 45 Resp: 888756
Ion Ratio Lower Upper
45 100
77 18.1 0.0 36.4
79 15.6 0.0 33.4

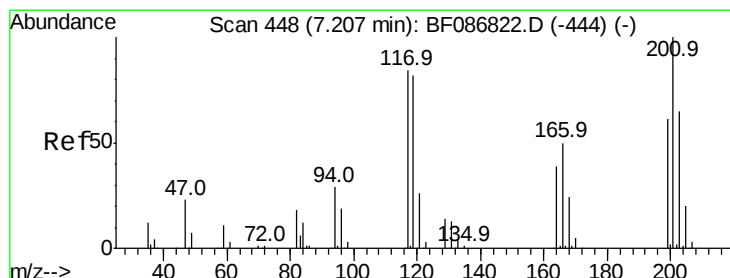
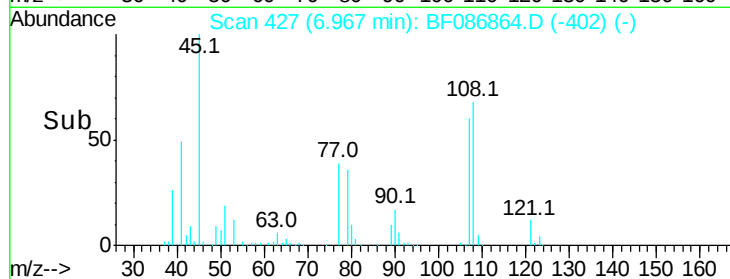
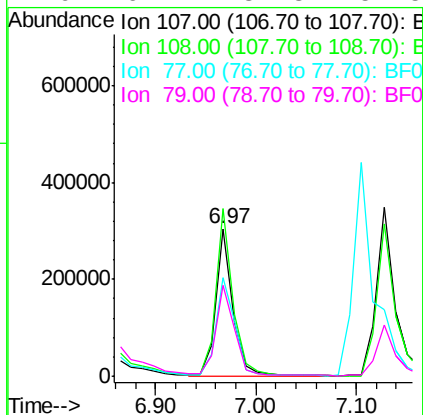
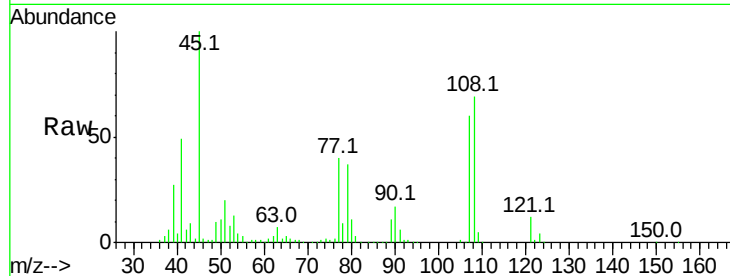




#17
2-Methylphenol
Concen: 40.83 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

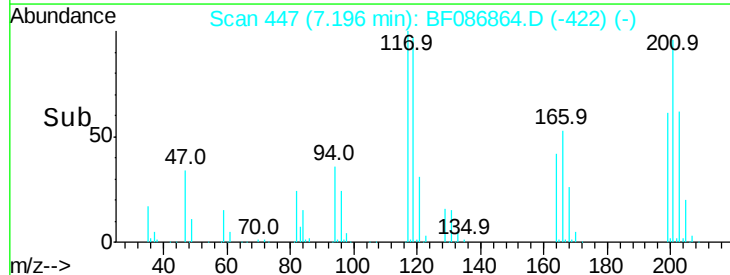
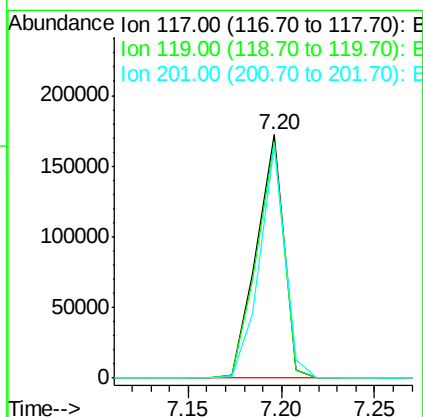
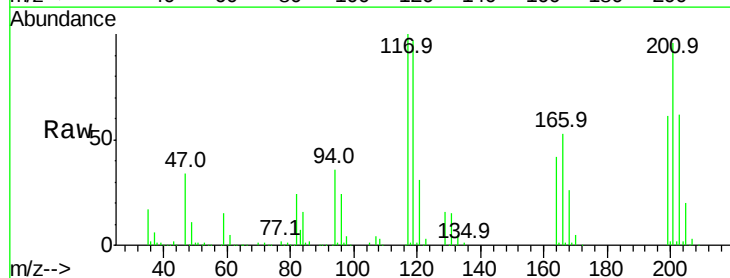
Instrument :
BNA_F
ClientSampleId :
PB90444BS

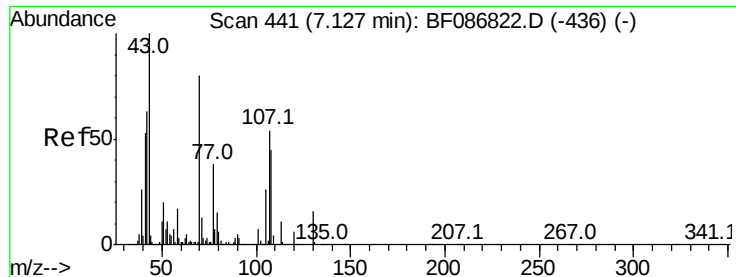
Tot Ion:107 Resp: 352064
Ion Ratio Lower Upper
107 100
108 113.7 93.7 140.5
77 67.0 33.4 50.0#
79 61.4 34.3 51.5#



#18
Hexachloroethane
Concen: 38.68 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion:117 Resp: 174041
Ion Ratio Lower Upper
117 100
119 97.0 76.5 114.7
201 96.1 63.0 94.6#

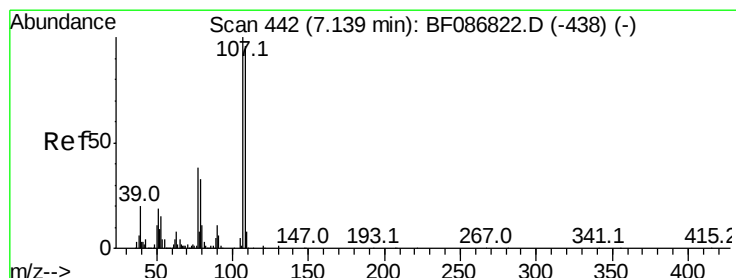
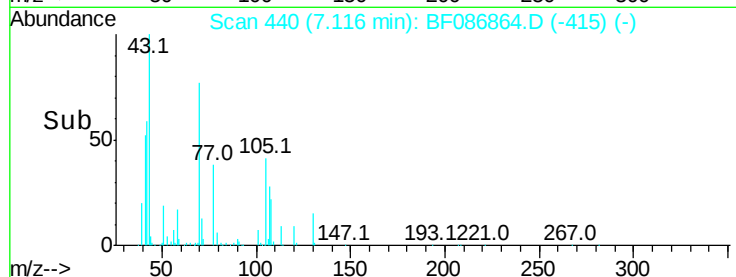
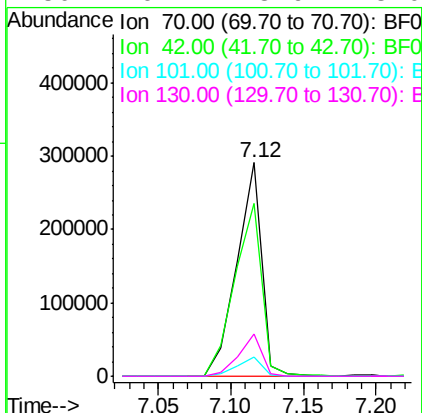
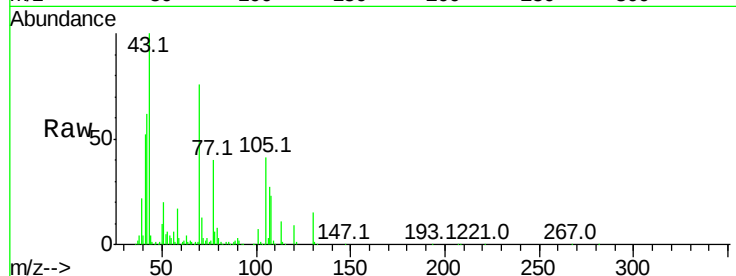




#19
n-Nitroso-di-n-propylamine
Concen: 41.40 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

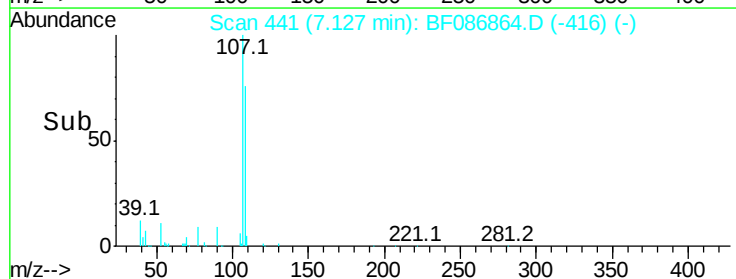
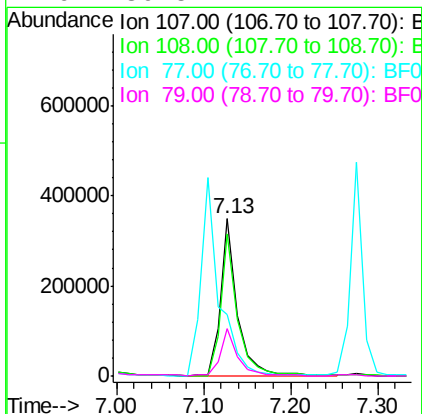
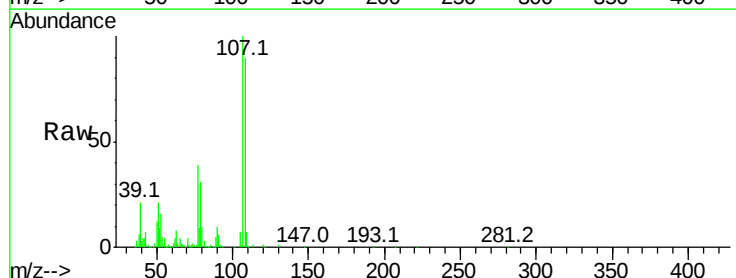
Instrument :
BNA_F
ClientSampleId :
PB90444BS

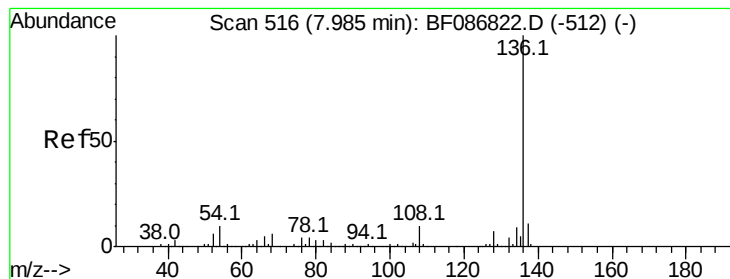
Tot Ion	Ratio	Lower	Upper
70	100		
42	80.9	43.1	64.7#
101	9.2	8.1	12.1
130	19.7	18.6	28.0



#20
3+4-Methylphenols
Concen: 41.72 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.5	108.5
77	39.1	101.6	141.6#
79	30.5	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: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

Tot Ion:136 Resp: 644882

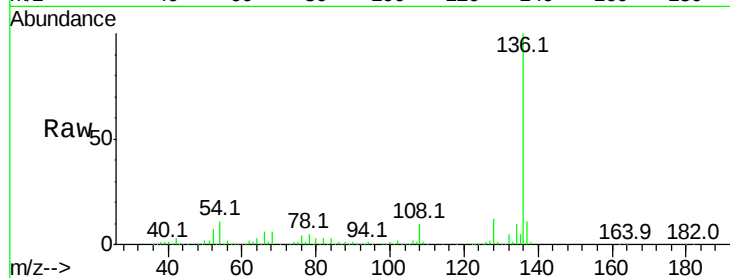
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 11.1 5.0 7.4#

68 6.1 4.4 6.6

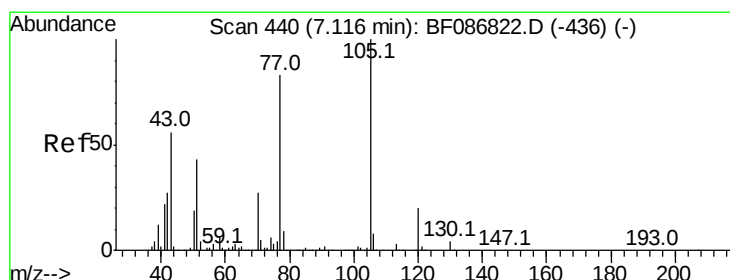
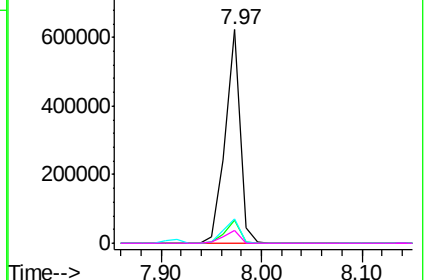
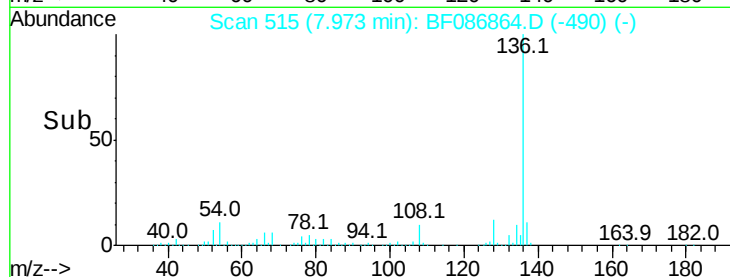


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.18 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion:105 Resp: 596863

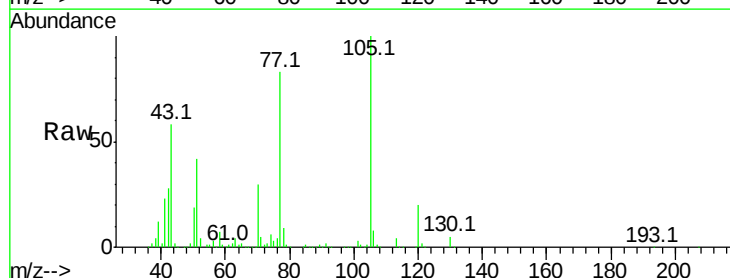
Ion Ratio Lower Upper

105 100

71 5.1 4.8 7.2

51 42.1 32.6 49.0

120 20.5 16.5 24.7

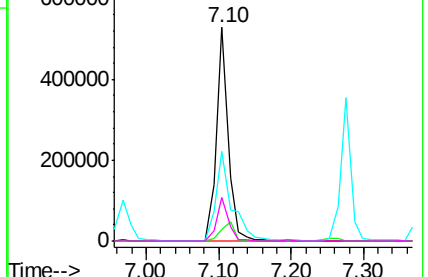
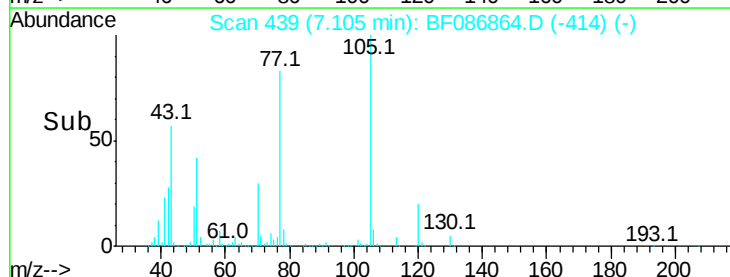


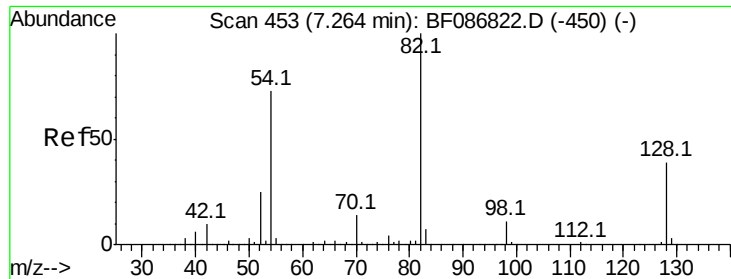
Abundance Ion 105.00 (104.70 to 105.70): E

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

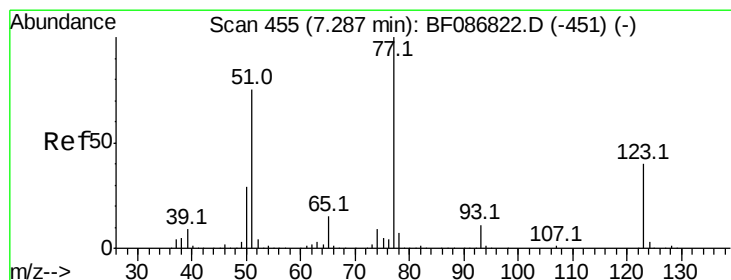
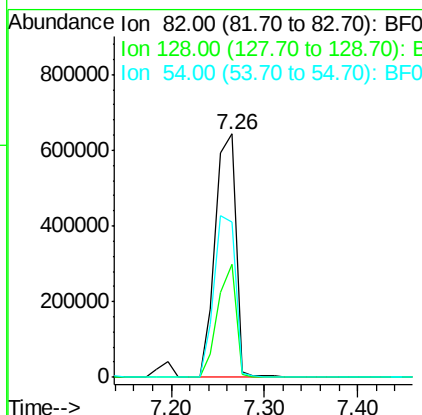
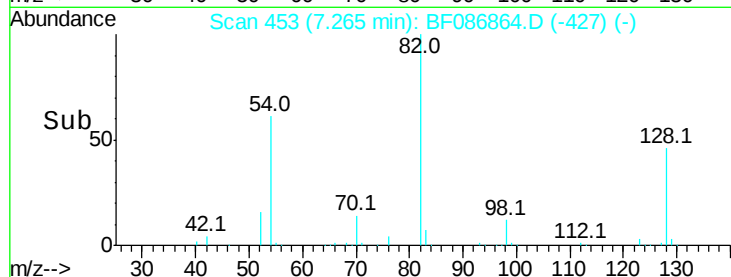
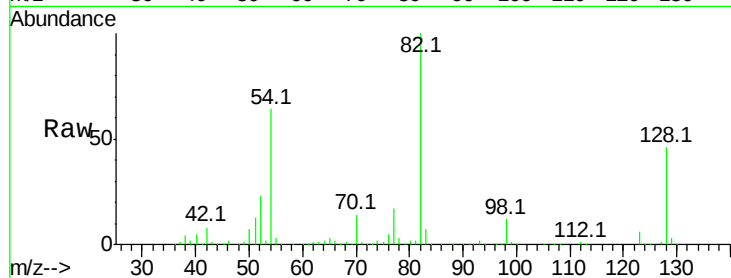




#23
 Nitrobenzene-d5
 Concen: 77.67 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

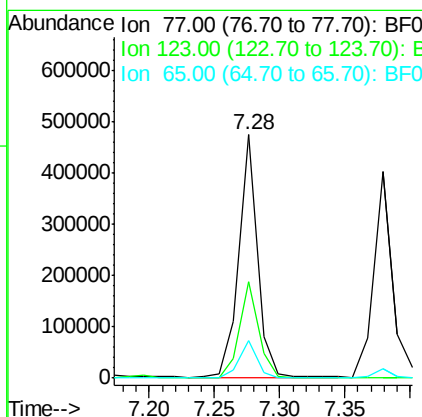
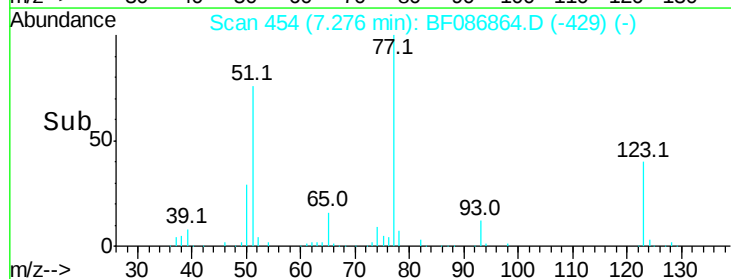
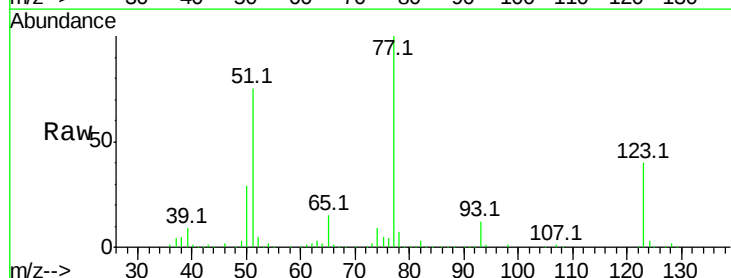
Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

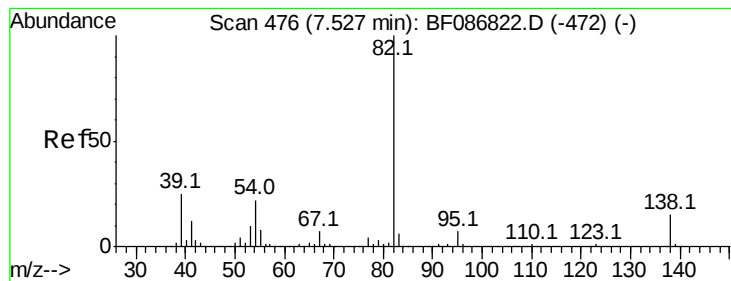
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	40.6	61.0
54	63.8	38.1	57.1#



#24
 Nitrobenzene
 Concen: 35.23 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.7	33.0	49.4
65	15.4	10.8	16.2





#25

Isophorone

Concen: 35.99 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

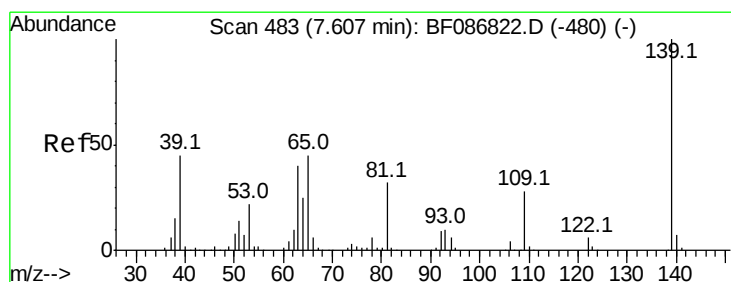
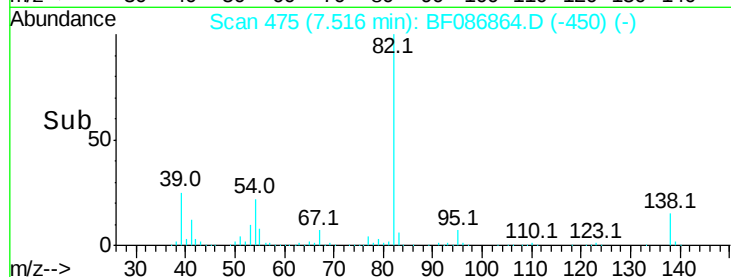
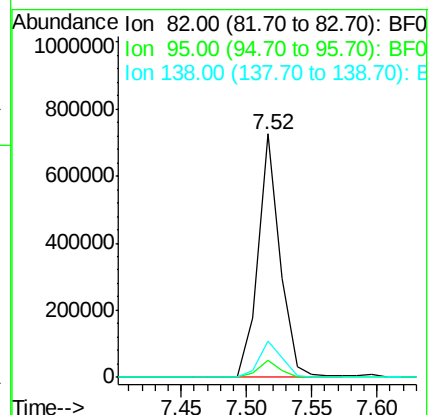
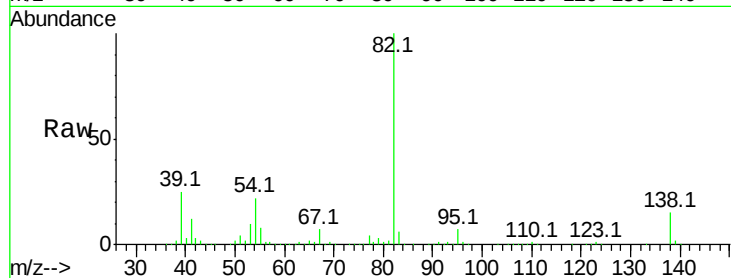
Tot Ion: 82 Resp: 857531

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

138 14.6 12.4 18.6



#26

2-Nitrophenol

Concen: 39.44 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

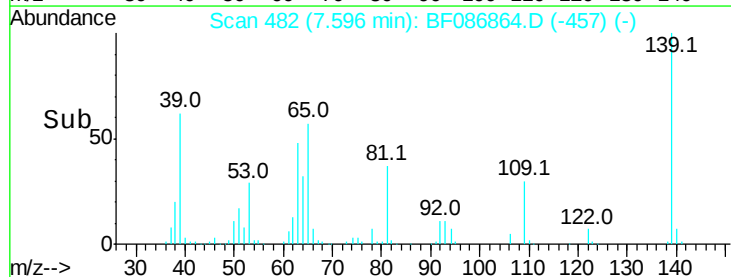
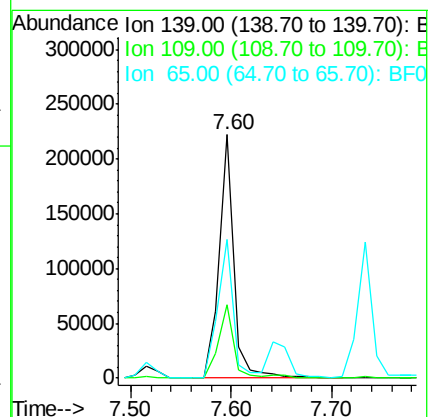
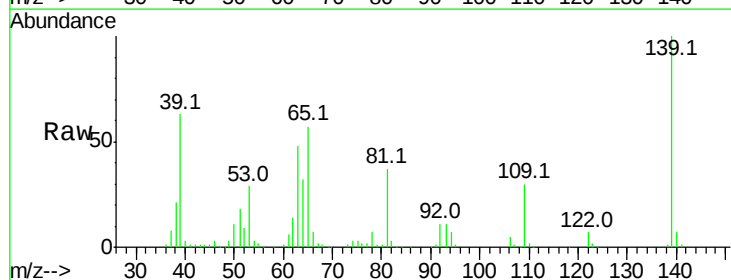
Tgt Ion: 139 Resp: 229045

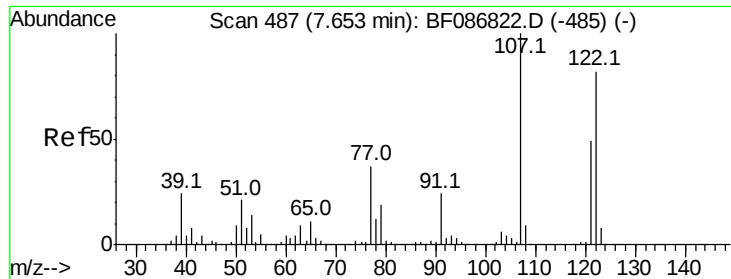
Ion Ratio Lower Upper

139 100

109 30.2 19.5 29.3#

65 57.1 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 38.91 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

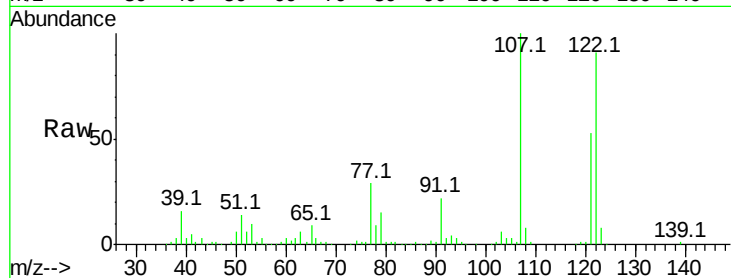
Tot Ion:122 Resp: 384938

Ion Ratio Lower Upper

122 100

107 109.5 82.0 123.0

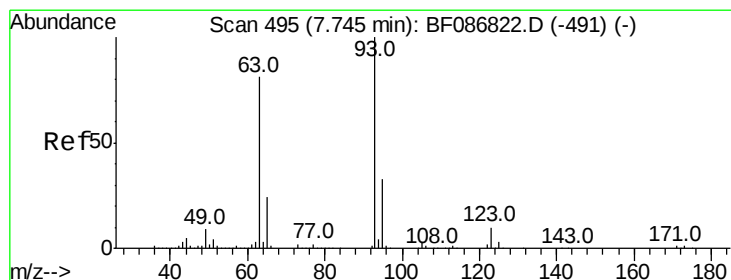
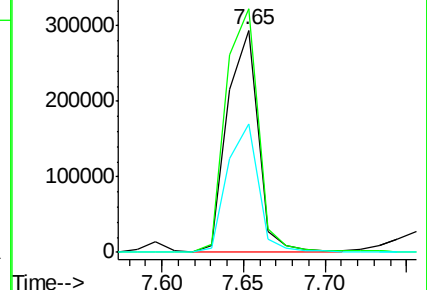
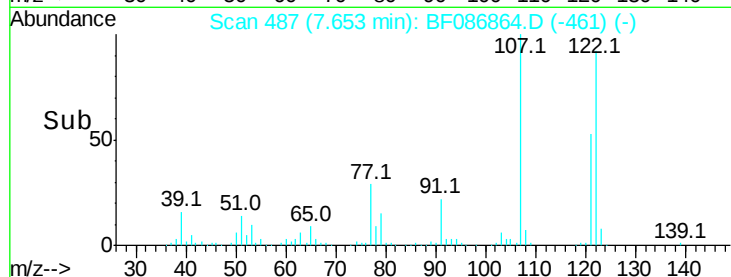
121 58.0 46.1 69.1



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: 40.02 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

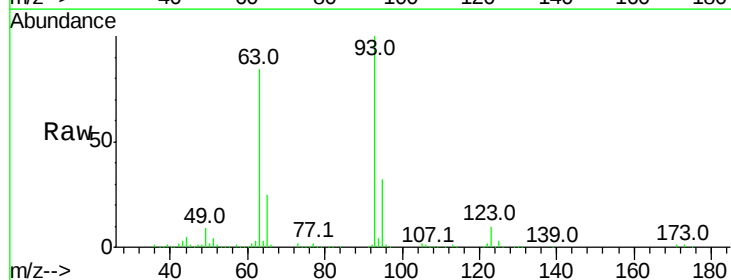
Tgt Ion: 93 Resp: 514368

Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

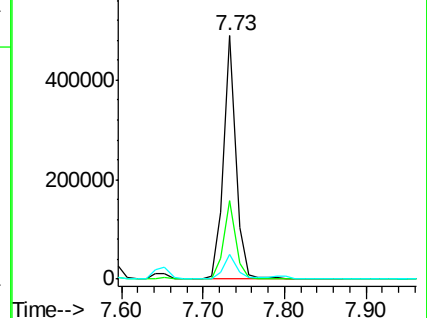
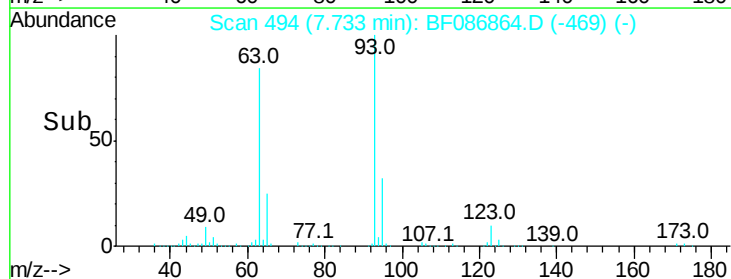
123 9.9 9.5 14.3

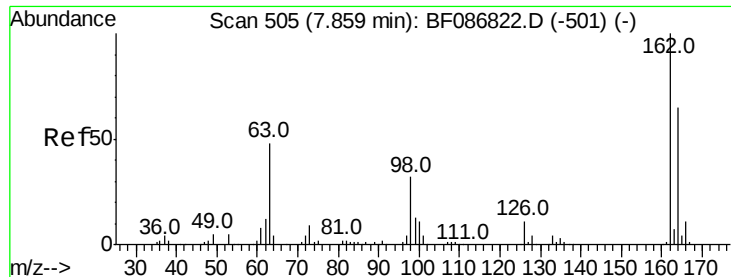


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

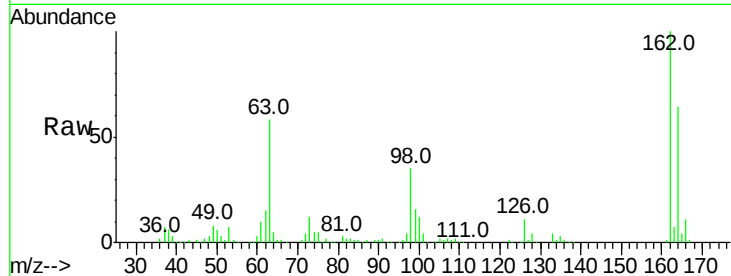




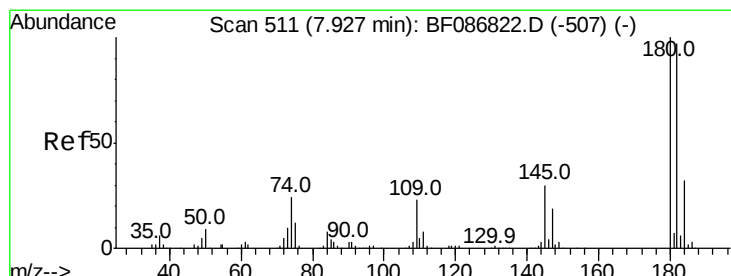
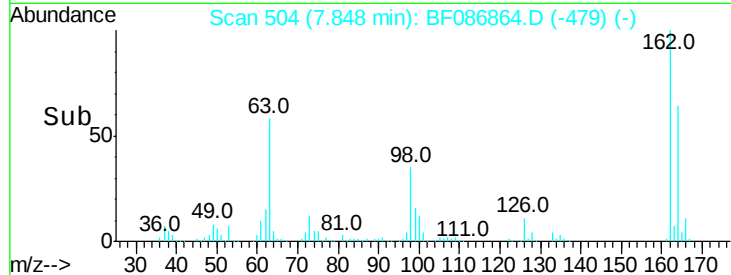
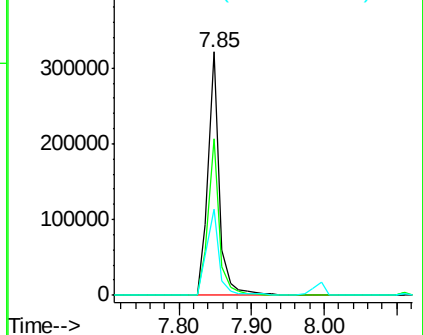
#29
 2,4-Dichlorophenol
 Concen: 40.47 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampled :
 PB90444BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.2	82.2
98	35.4	19.0	59.0

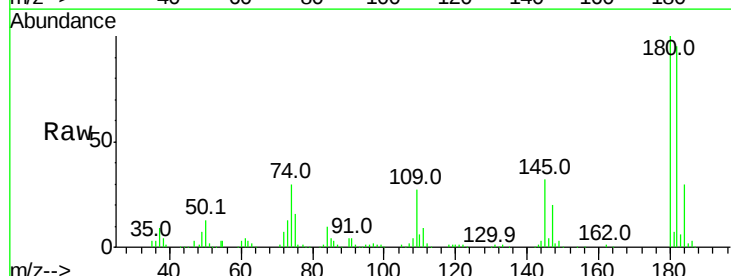


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

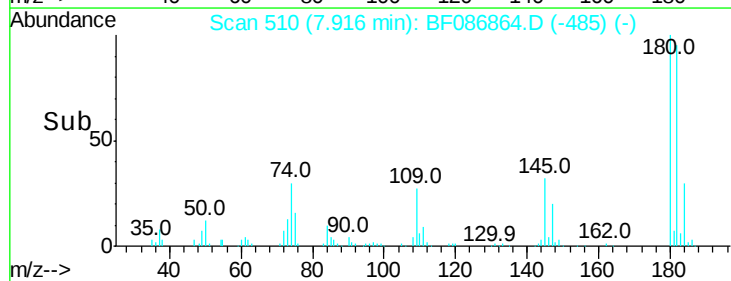
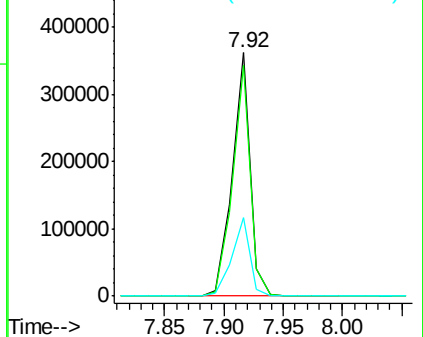


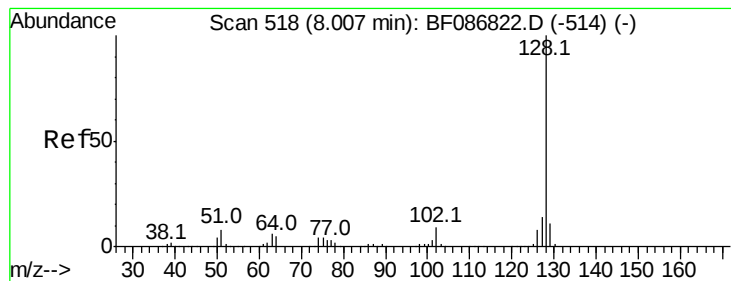
#30
 1,2,4-Trichlorobenzene
 Concen: 38.75 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.0	117.0
145	32.3	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: 38.72 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

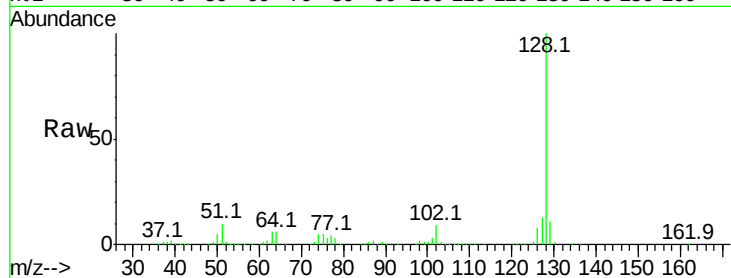
Tot Ion:128 Resp: 1250671

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

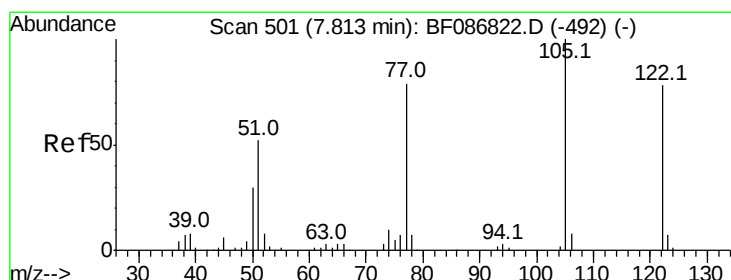
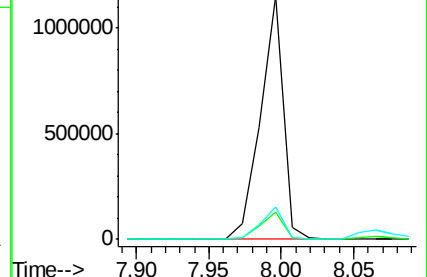
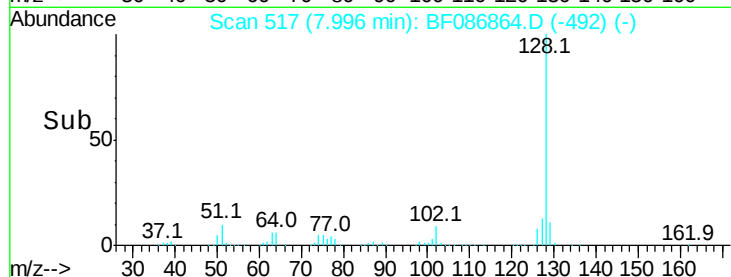
127 13.4 10.8 16.2



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: 35.00 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

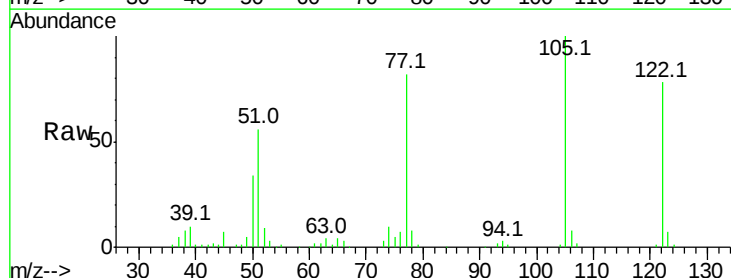
Tgt Ion:122 Resp: 203369

Ion Ratio Lower Upper

122 100

105 128.0 92.6 132.6

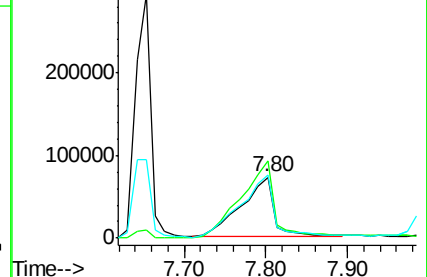
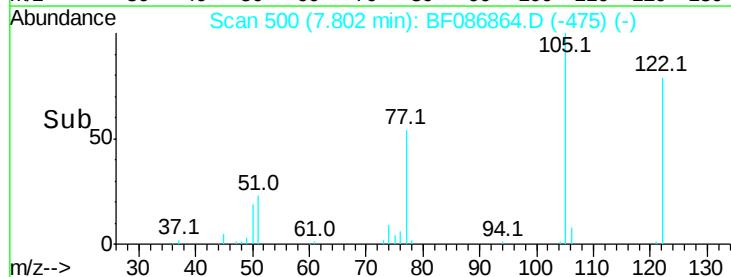
77 104.6 60.0 100.0#

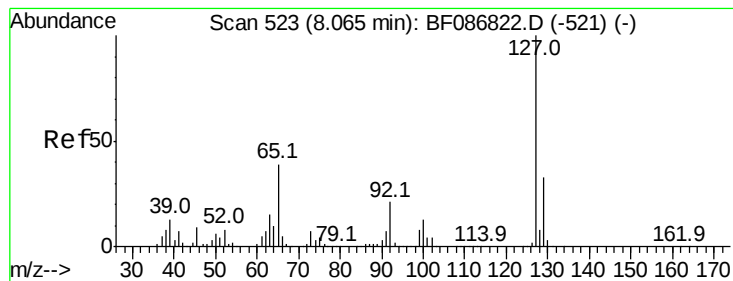


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.83 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

Tot Ion:127 Resp: 98258

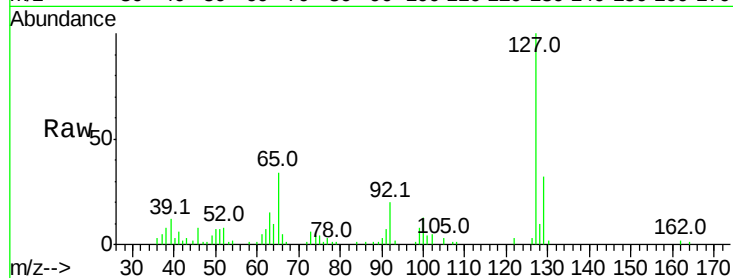
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.4

65 34.3 23.0 34.4

92 19.6 15.1 22.7

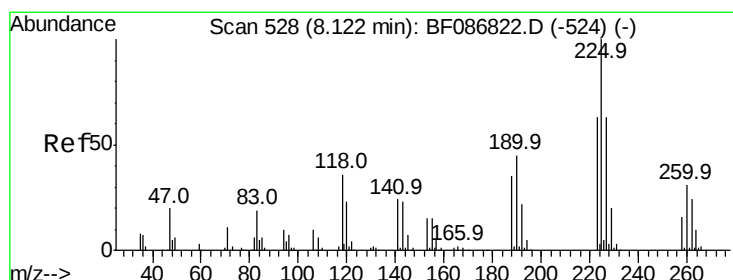
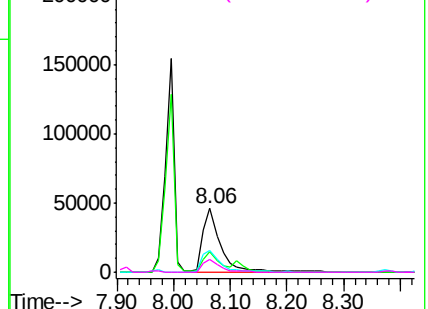
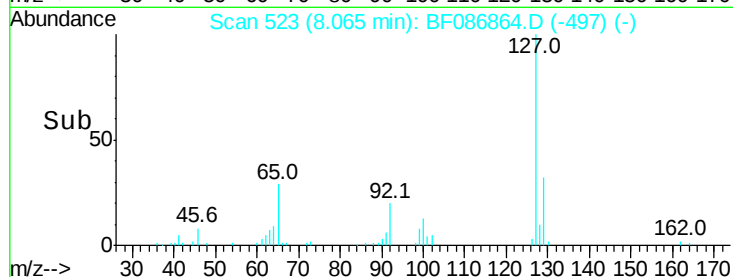


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.47 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

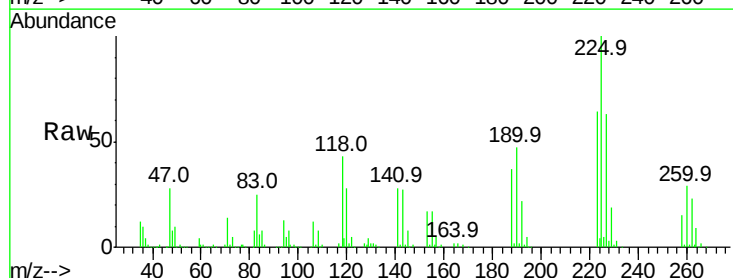
Tgt Ion:225 Resp: 206023

Ion Ratio Lower Upper

225 100

223 63.8 51.5 77.3

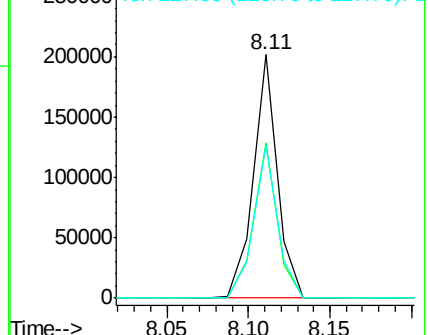
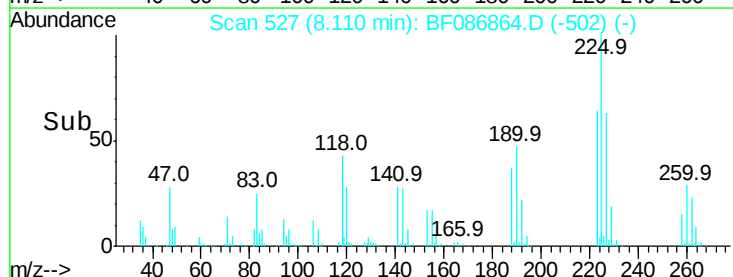
227 62.9 52.2 78.2

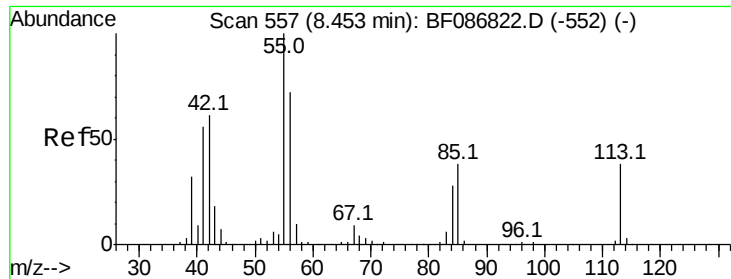


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.59 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

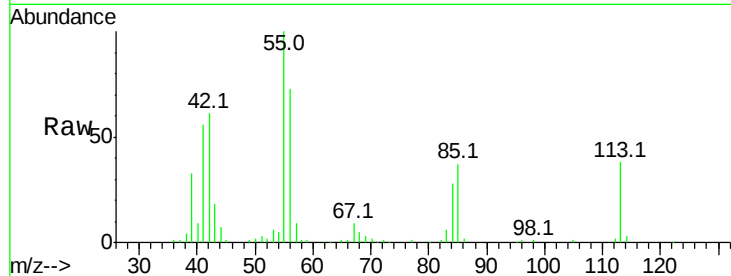
Tot Ion:113 Resp: 66935

Ion Ratio Lower Upper

113 100

55 261.1 162.0 202.0#

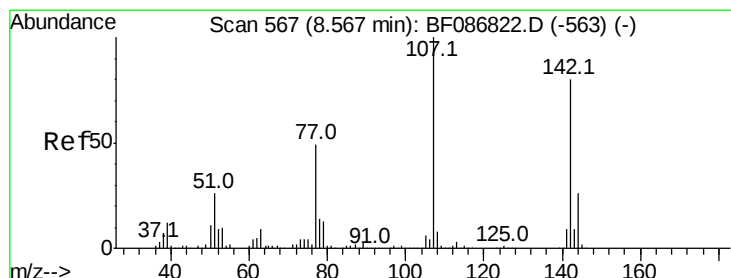
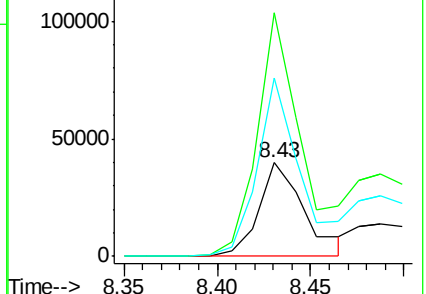
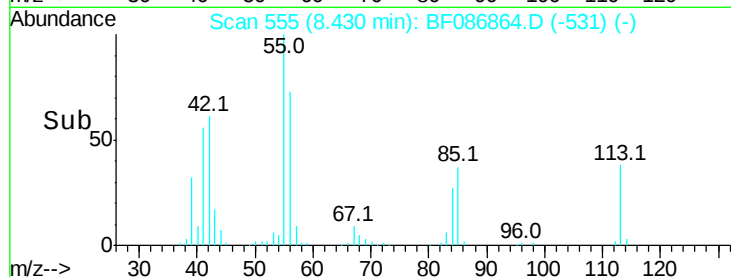
56 190.7 115.3 155.3#



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: 36.22 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

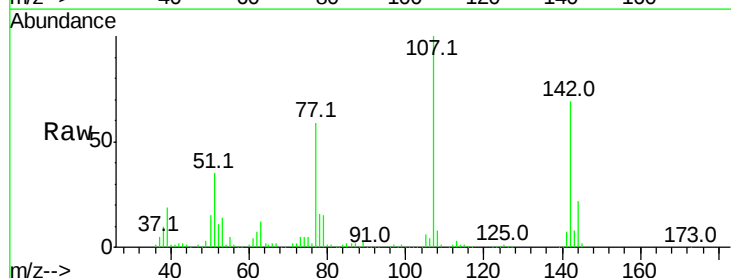
Tgt Ion:107 Resp: 382432

Ion Ratio Lower Upper

107 100

144 21.7 20.7 31.1

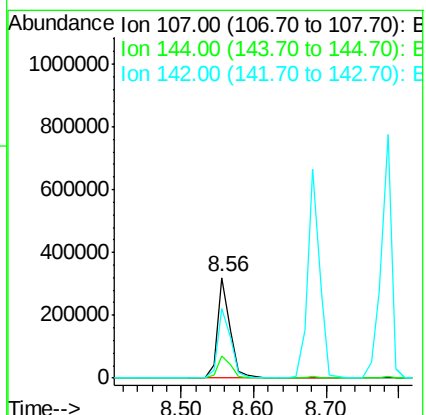
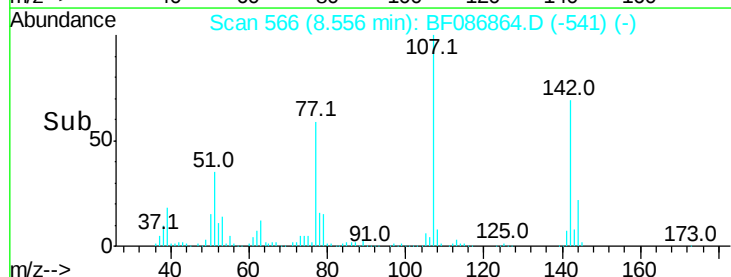
142 68.9 63.2 94.8

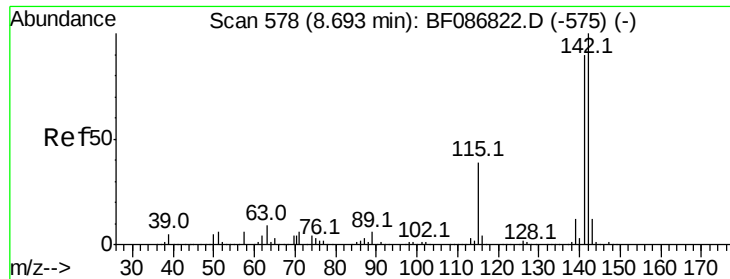


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

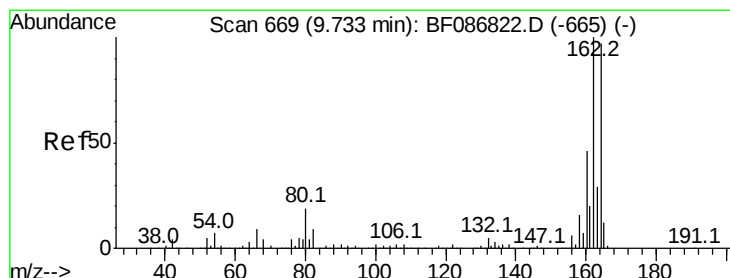
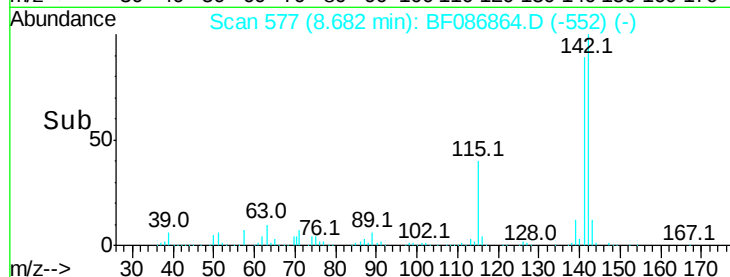
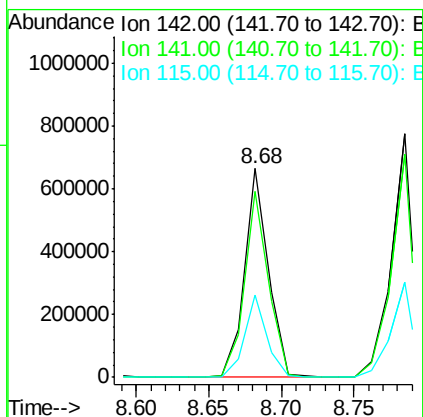
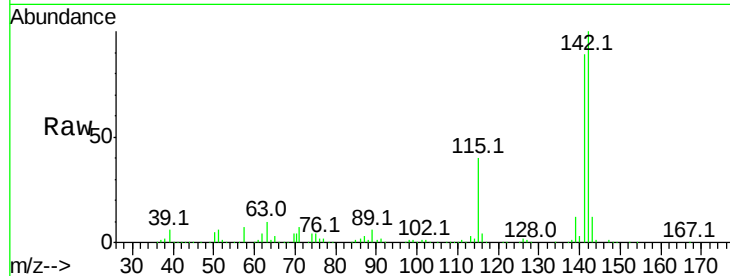




#37
 2-Methylnaphthalene
 Concen: 39.99 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

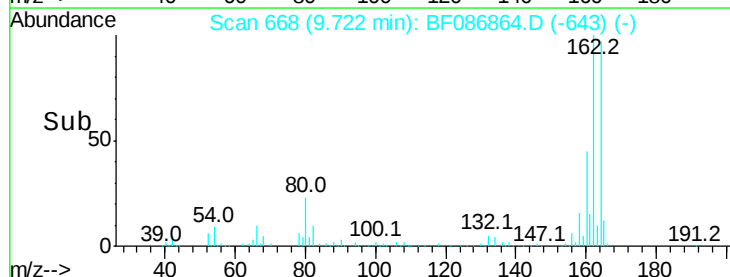
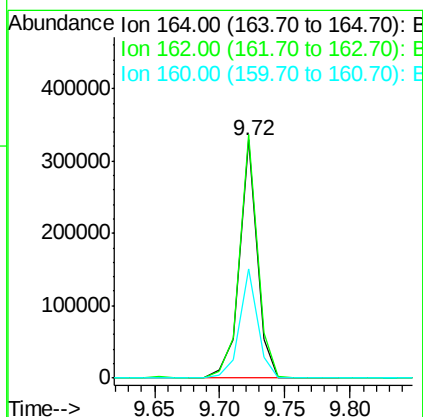
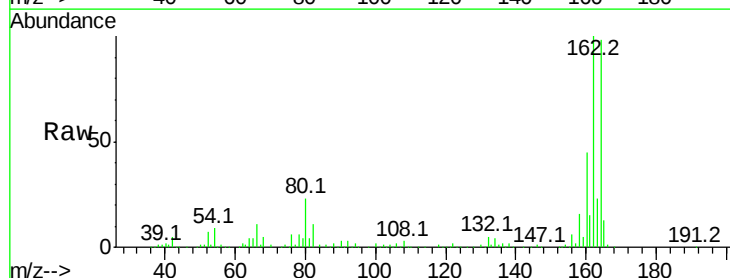
Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

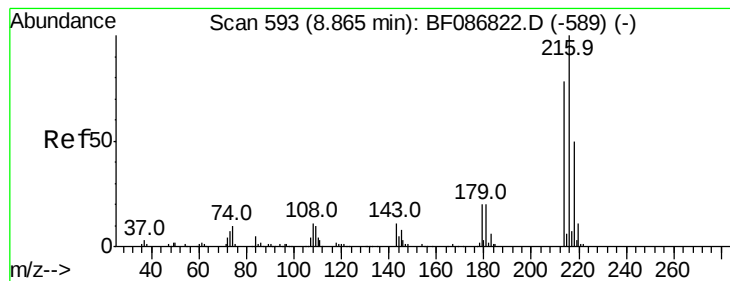
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	39.7	26.6	39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	46.1	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.84 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

Tot Ion:216 Resp: 348324

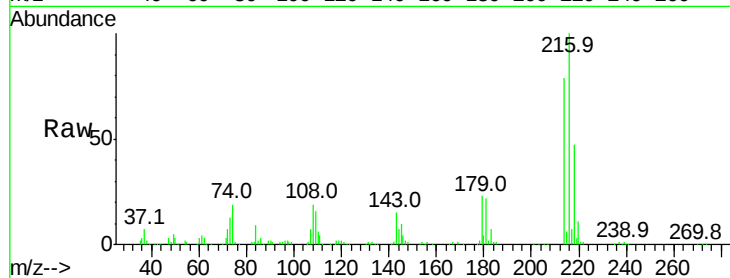
Ion Ratio Lower Upper

216 100

214 78.9 62.6 93.8

179 23.6 18.2 27.4

108 25.4 17.5 26.3

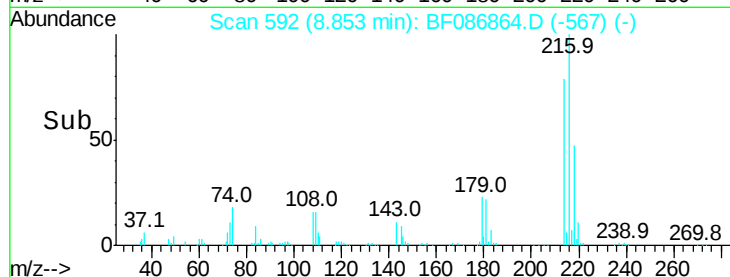


Abundance Ion 216.00 (215.70 to 216.70): E

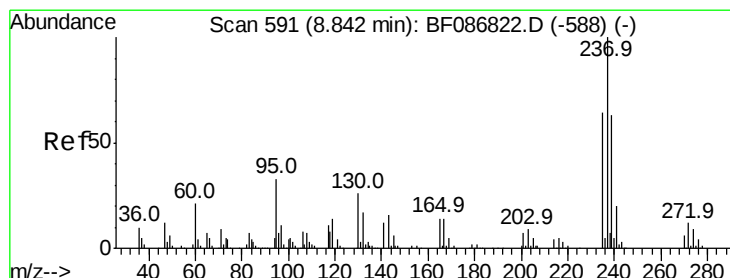
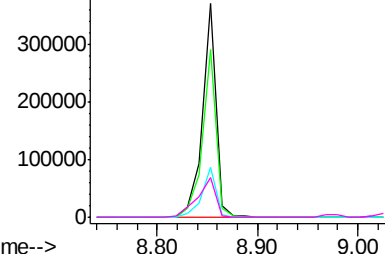
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 85.67 ng

RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

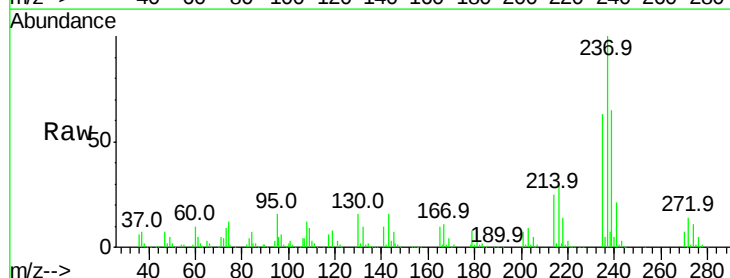
Tgt Ion:237 Resp: 364700

Ion Ratio Lower Upper

237 100

235 63.4 47.2 87.2

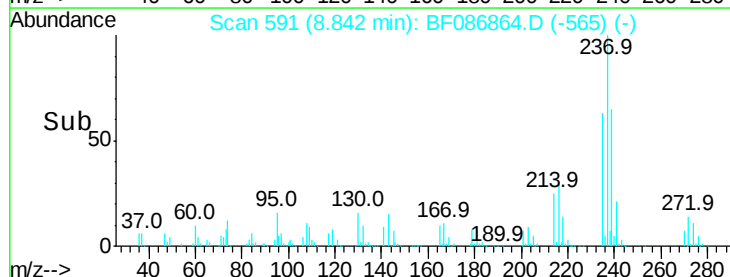
272 13.7 0.0 31.1



Abundance Ion 236.80 (236.50 to 237.50): E

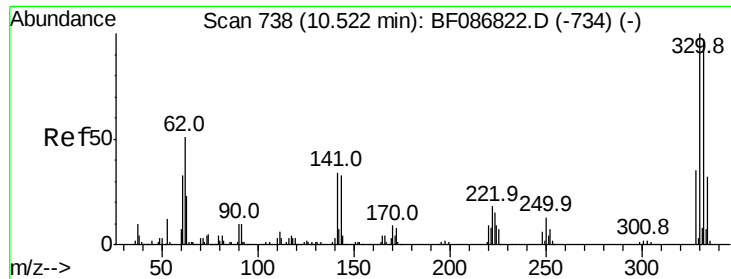
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

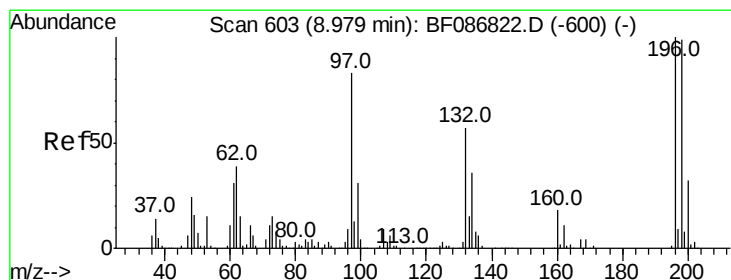
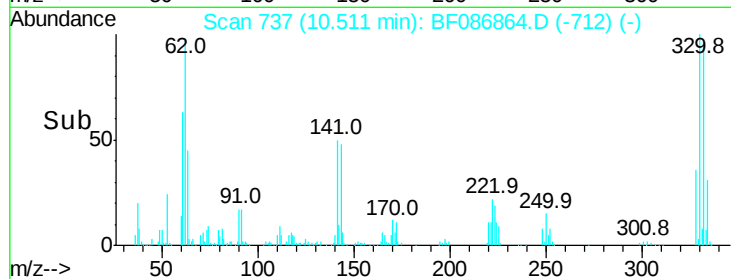
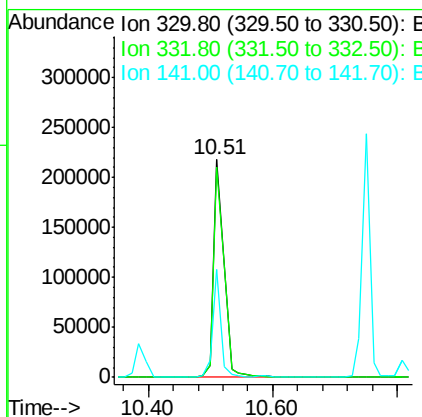
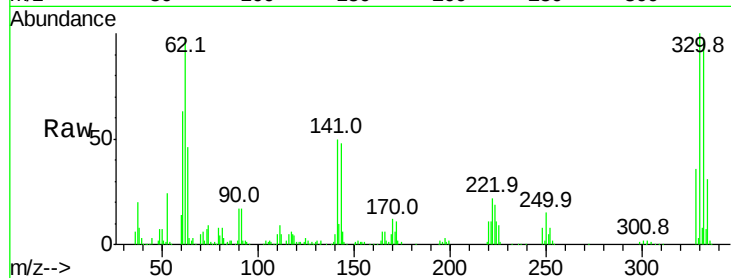




#41
 2,4,6-Tribromophenol
 Concen: 77.92 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

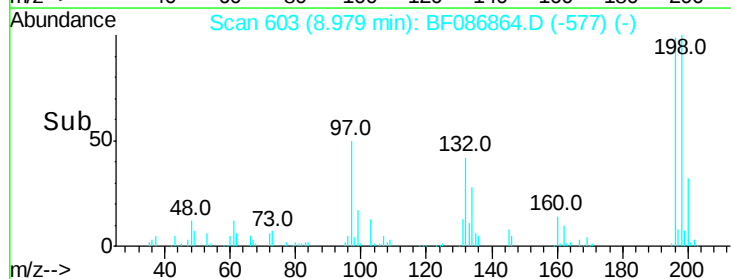
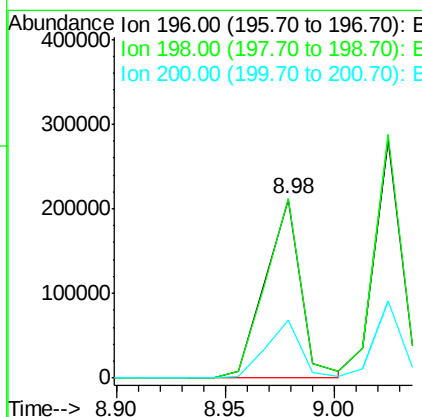
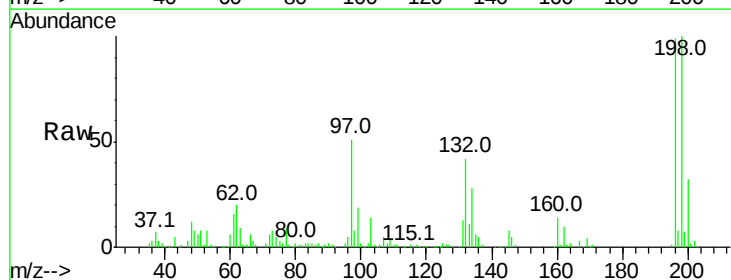
Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

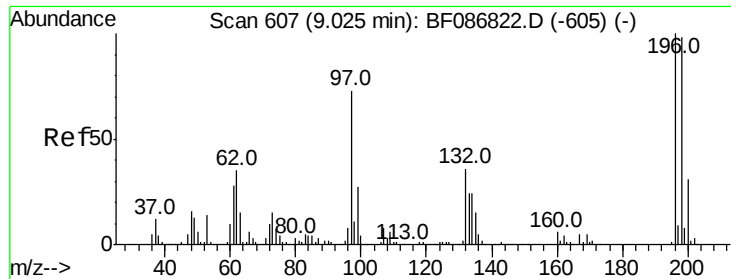
Tot Ion:330 Resp: 254452
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.0 118.4
 141 38.7 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.49 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion:196 Resp: 242840
 Ion Ratio Lower Upper
 196 100
 198 100.9 74.7 112.1
 200 32.7 23.8 35.6

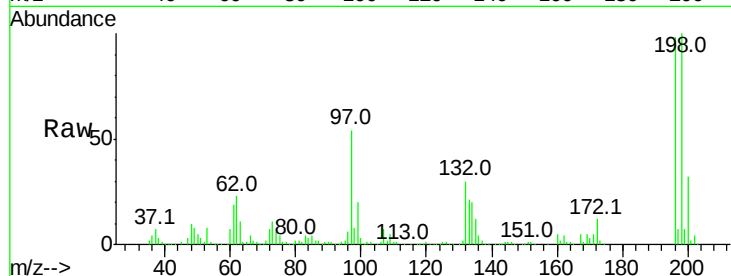




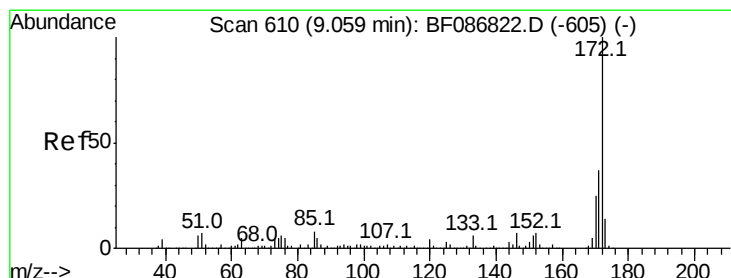
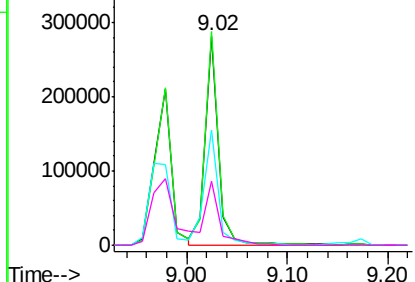
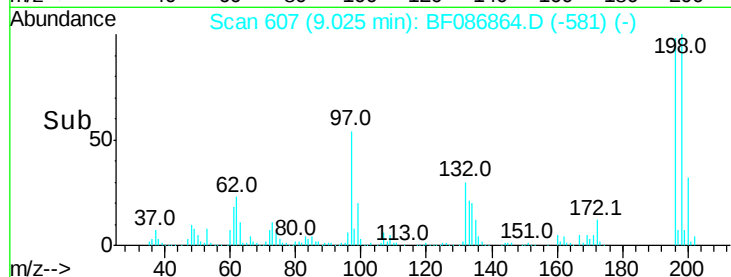
#43
 2,4,5-Trichlorophenol
 Concen: 41.39 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion:196 Resp: 256691
 Ion Ratio Lower Upper
 196 100
 198 102.2 77.5 116.3
 97 55.2 34.8 52.2#
 132 30.5 23.0 34.4

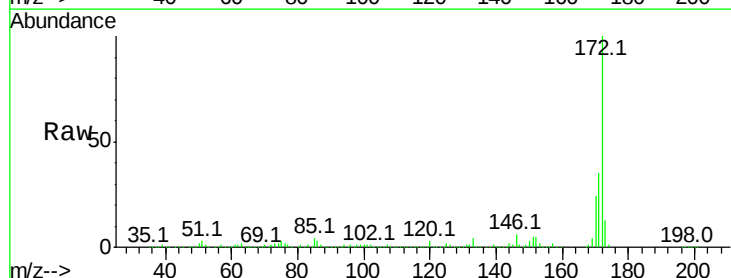


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

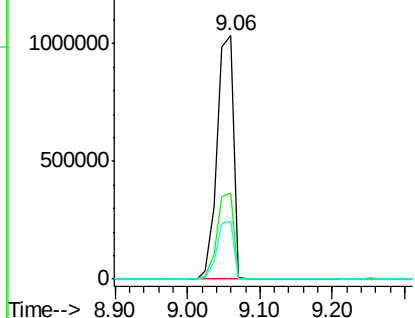
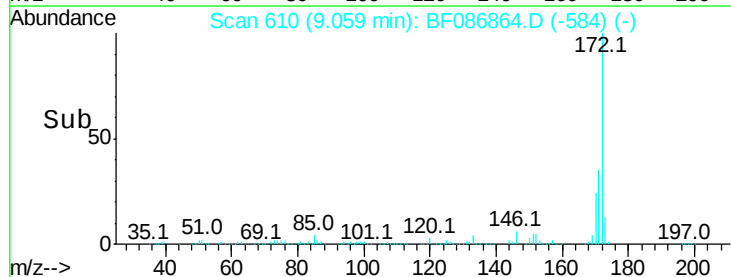


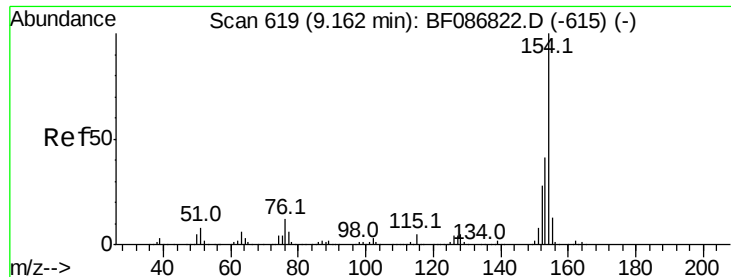
#44
 2-Fluorobiphenyl
 Concen: 88.68 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion:172 Resp: 1627724
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.6
 170 23.8 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

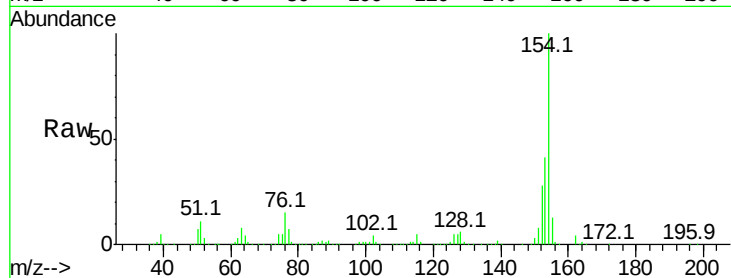




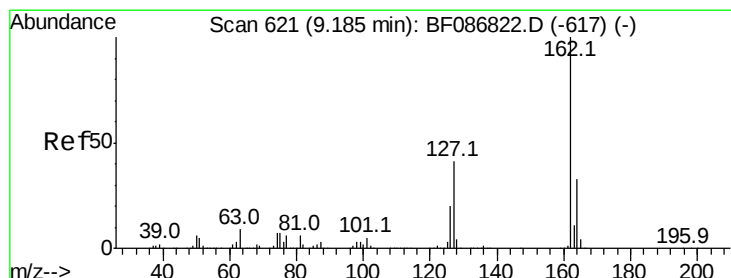
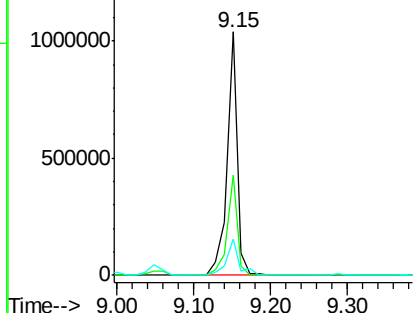
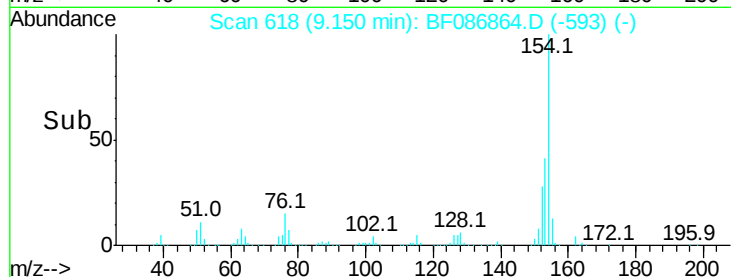
#45
 1,1'-Biphenyl
 Concen: 39.97 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.3	60.3
76	14.9	0.0	30.2

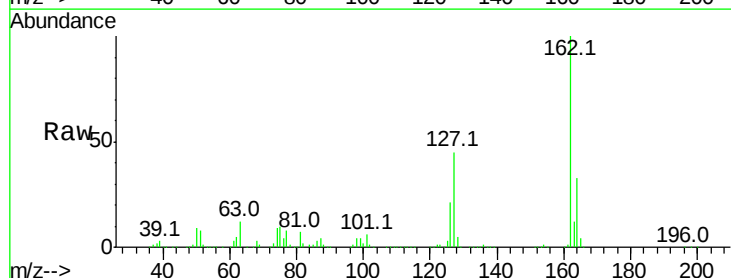


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

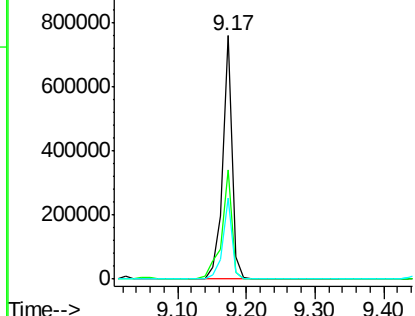
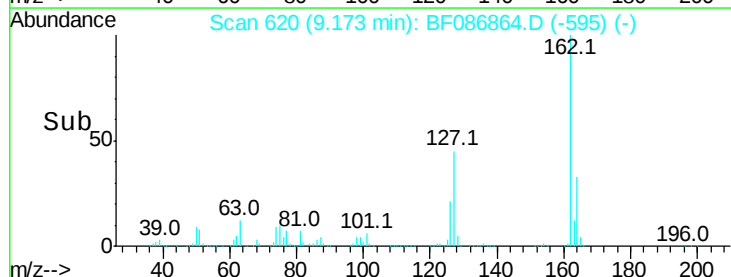


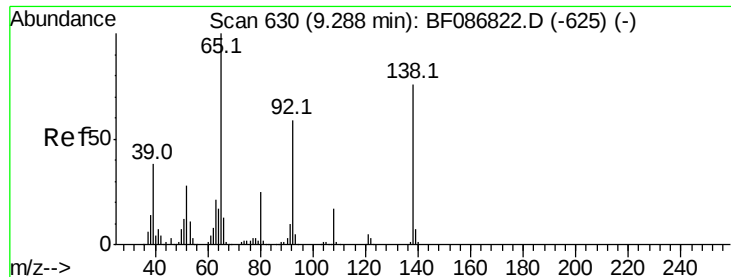
#46
 2-Chloronaphthalene
 Concen: 38.44 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.8	31.8	47.6
164	33.2	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

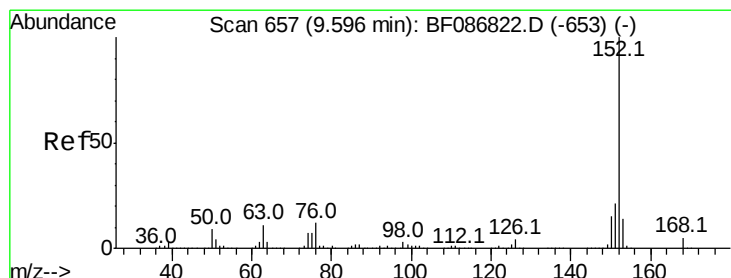
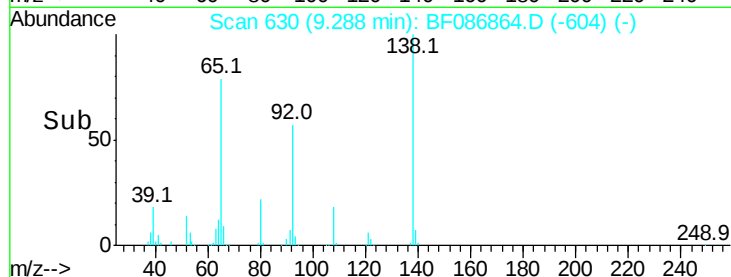
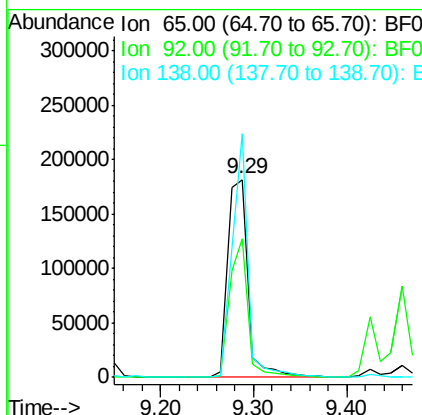
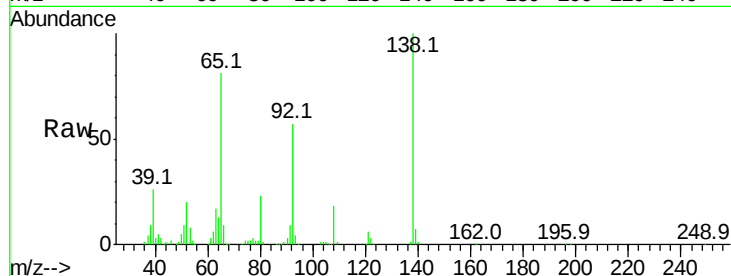




#47
2-Nitroaniline
Concen: 39.61 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

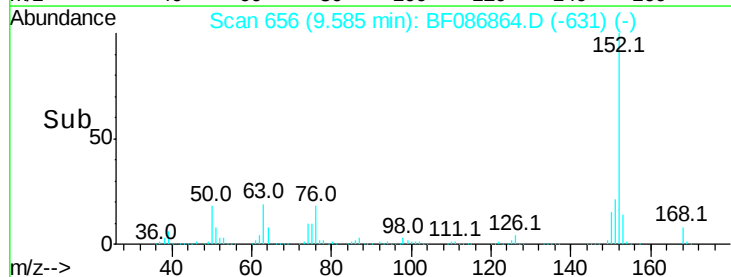
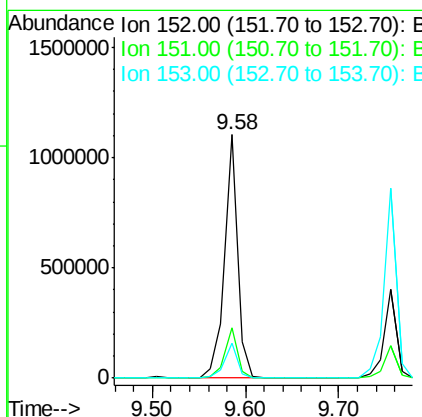
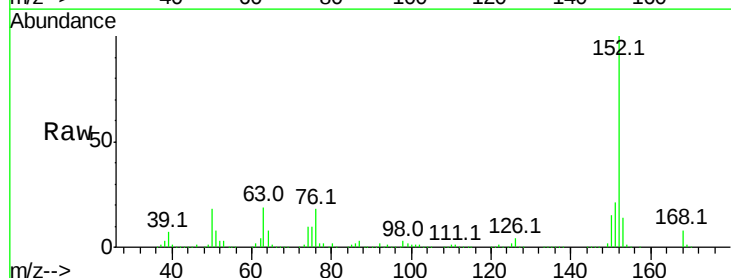
Instrument :
BNA_F
ClientSampleId :
PB90444BS

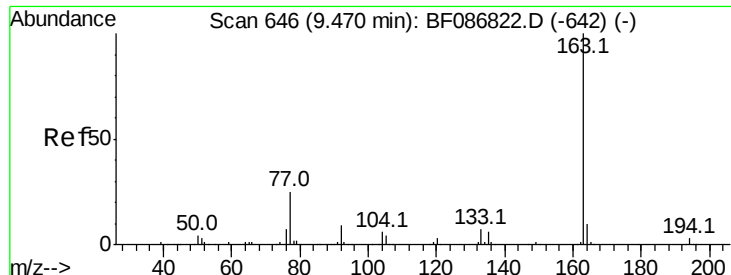
Tot Ion: 65 Resp: 278265
Ion Ratio Lower Upper
65 100
92 70.3 57.4 86.2
138 122.9 90.1 135.1



#48
Acenaphthylene
Concen: 38.14 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion: 152 Resp: 1078493
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 14.2 10.9 16.3





#49

Dimethylphthalate

Concen: 37.60 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

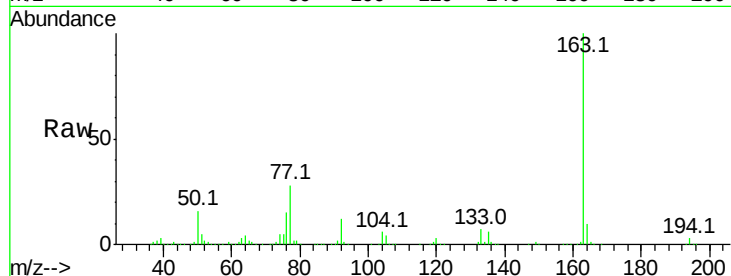
Tot Ion:163 Resp: 884836

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

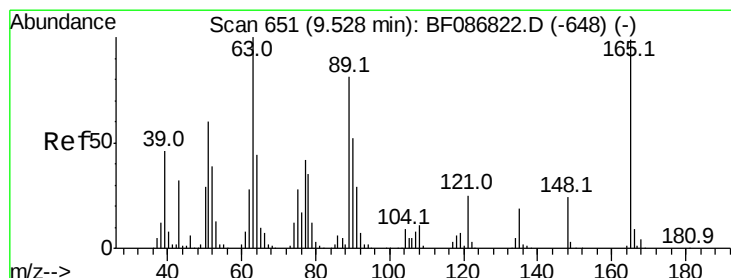
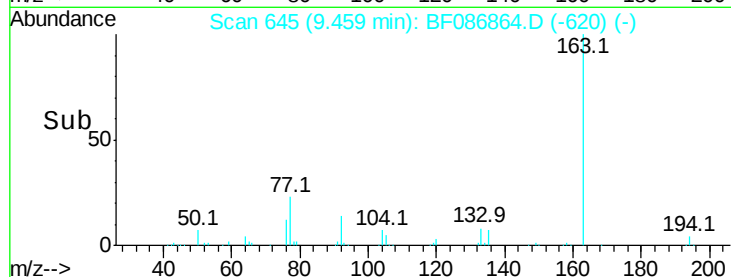
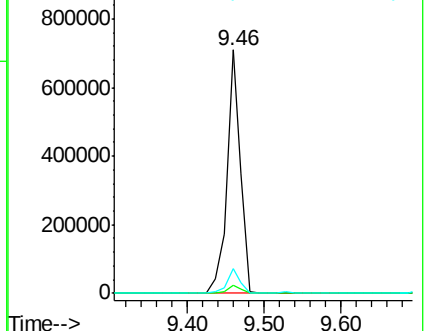
164 10.4 8.2 12.4



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: 43.78 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

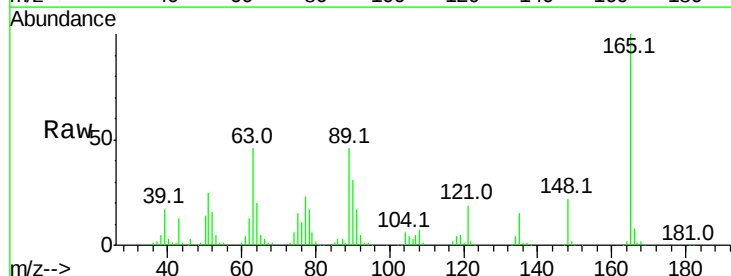
Tgt Ion:165 Resp: 216824

Ion Ratio Lower Upper

165 100

63 45.5 51.8 77.8#

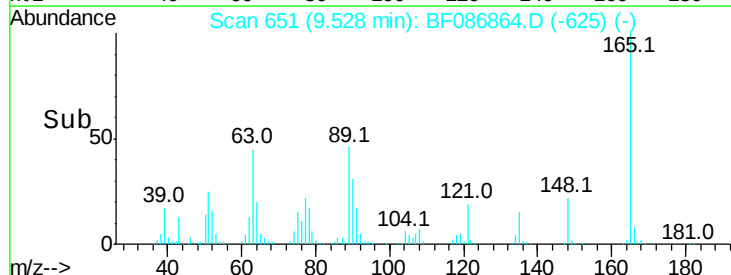
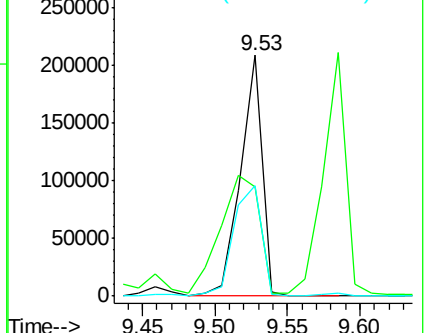
89 45.9 50.7 76.1#

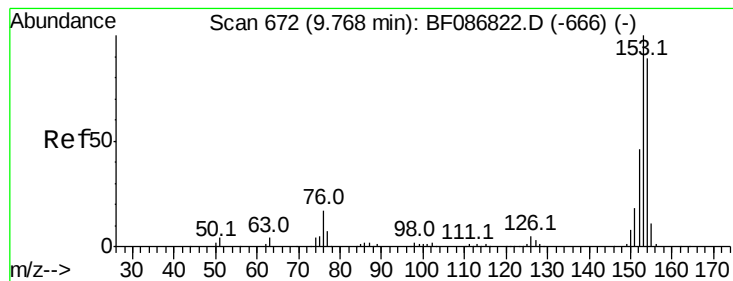


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.73 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

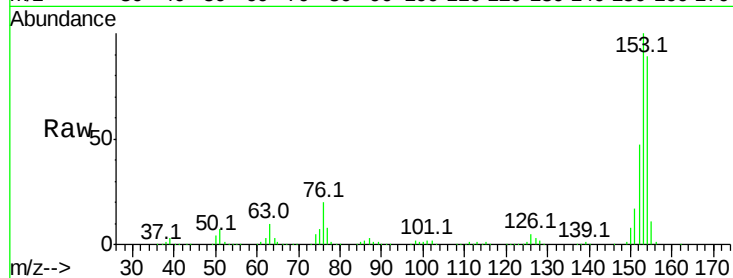
Tot Ion:154 Resp: 698792

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.6

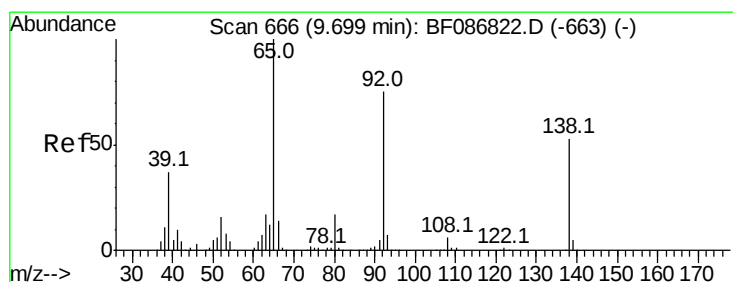
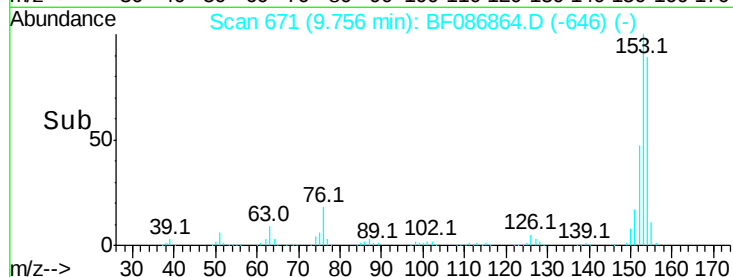
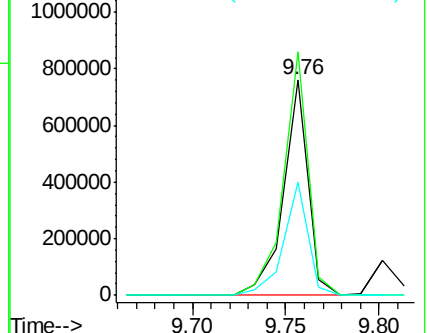
152 52.6 43.4 65.0



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: 14.57 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

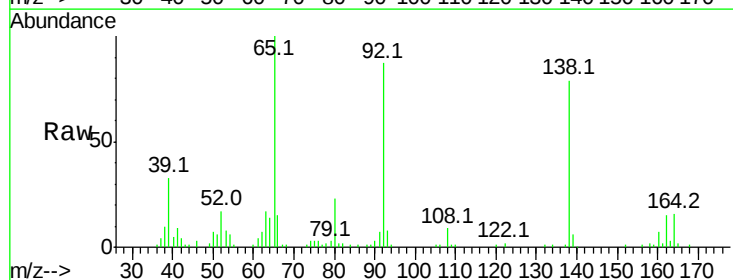
Tgt Ion:138 Resp: 75964

Ion Ratio Lower Upper

138 100

108 11.0 7.8 11.6

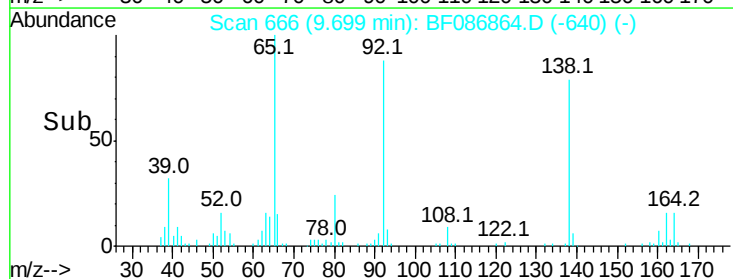
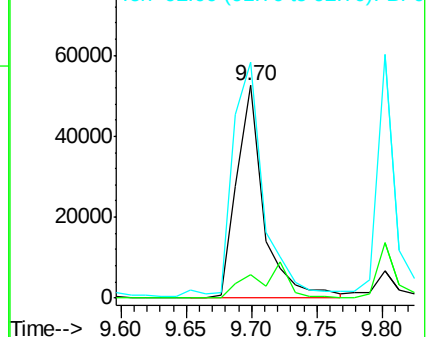
92 110.7 87.8 131.8

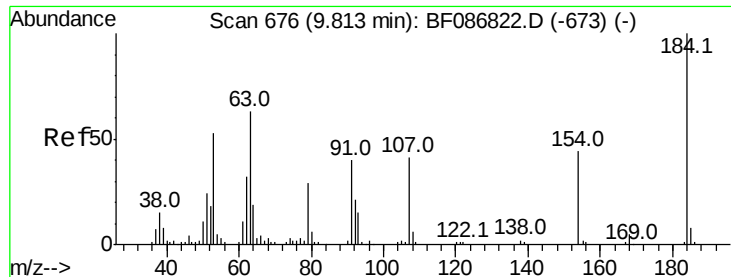


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

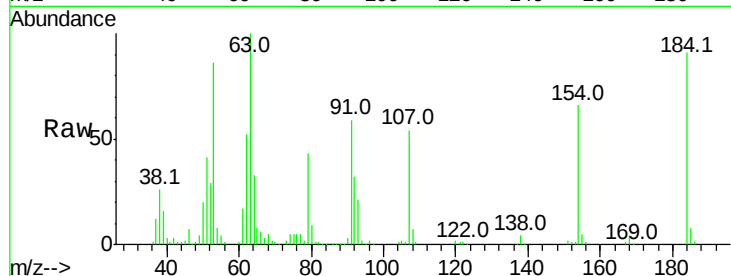




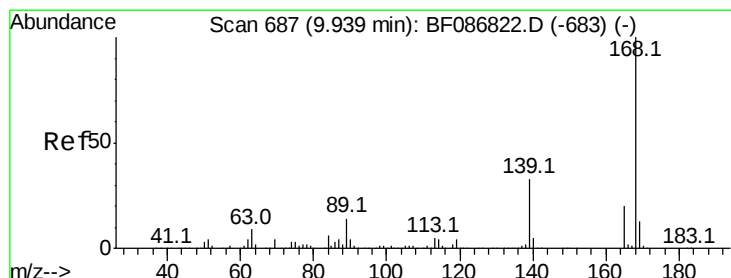
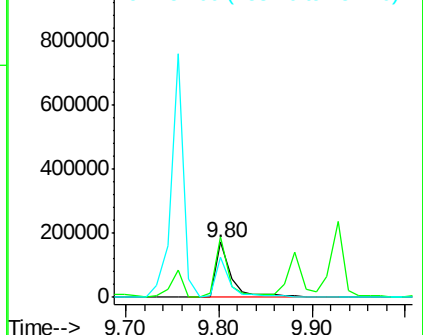
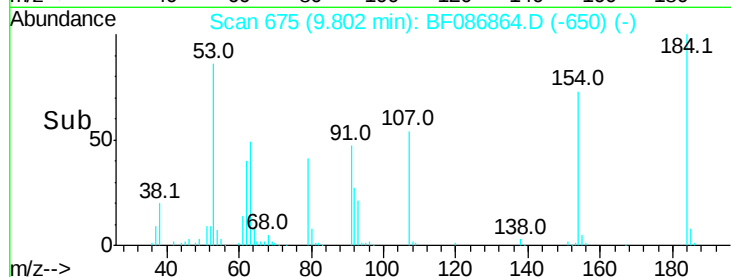
#53
 2,4-Dinitrophenol
 Concen: 79.15 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

Tot Ion:184 Resp: 200087
 Ion Ratio Lower Upper
 184 100
 63 109.4 55.8 83.8#
 154 72.7 62.4 93.6

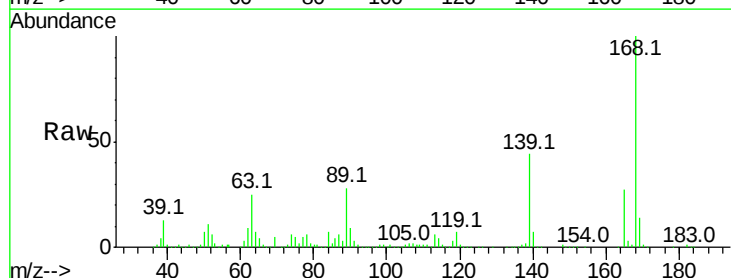


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

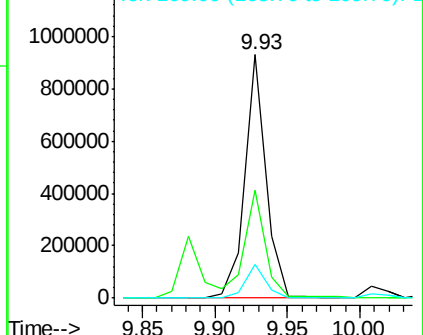
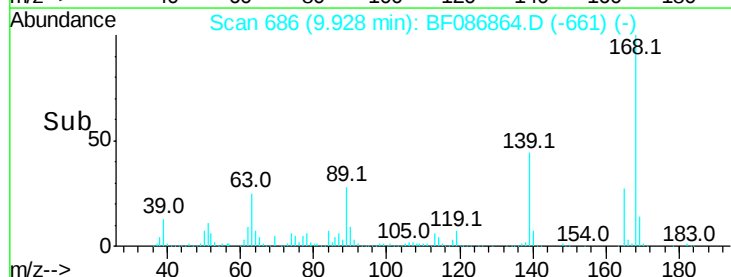


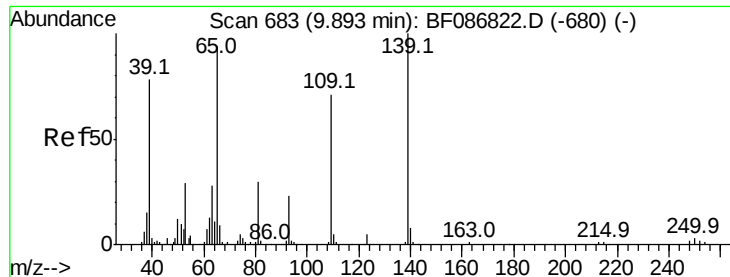
#54
 Dibenzofuran
 Concen: 41.64 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion:168 Resp: 940240
 Ion Ratio Lower Upper
 168 100
 139 44.1 31.4 47.0
 169 13.8 10.7 16.1



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

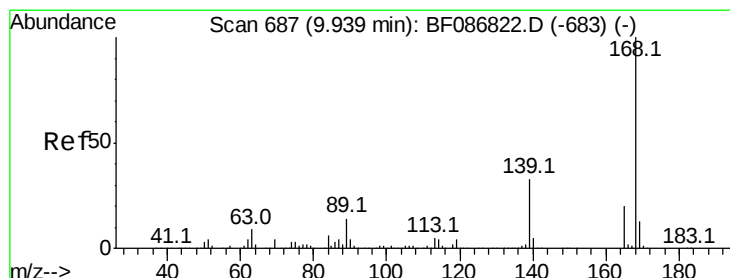
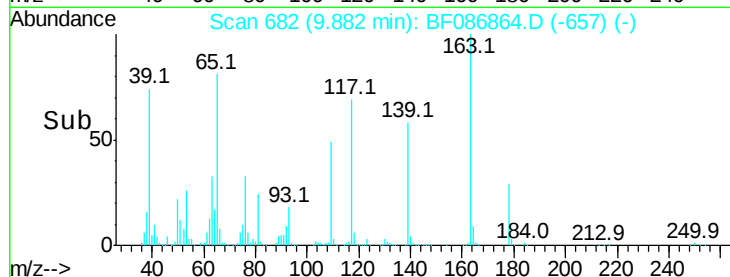
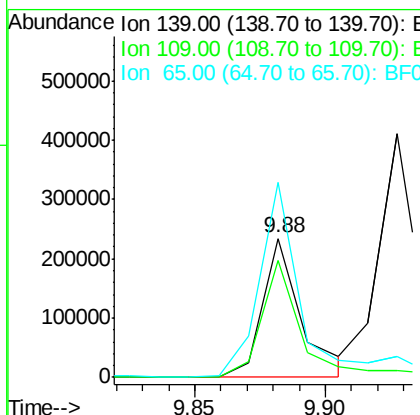
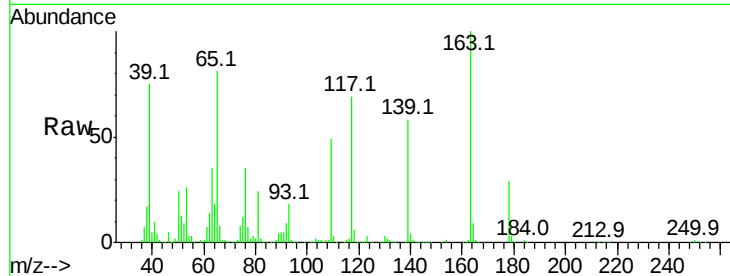




#55
4-Nitrophenol
Concen: 70.30 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

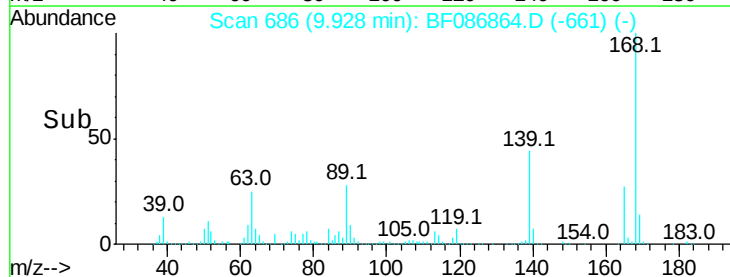
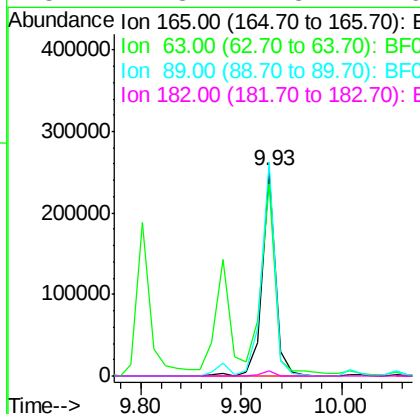
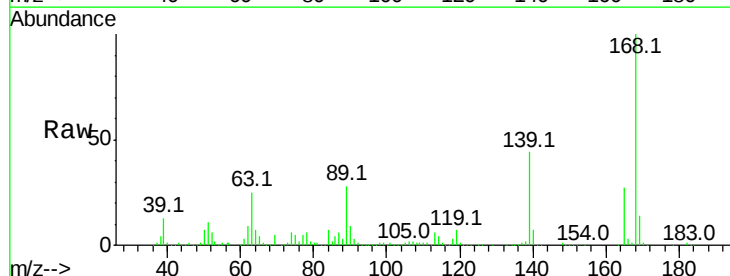
Instrument :
BNA_F
ClientSampleId :
PB90444BS

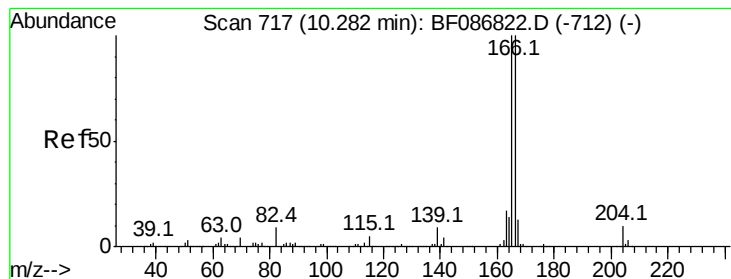
Tot Ion:139 Resp: 242362
Ion Ratio Lower Upper
139 100
109 84.1 36.9 76.9#
65 140.4 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 38.11 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion:165 Resp: 233561
Ion Ratio Lower Upper
165 100
63 93.9 44.3 66.5#
89 104.3 70.0 105.0
182 2.3 1.8 2.6





#57

Fluorene

Concen: 40.14 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

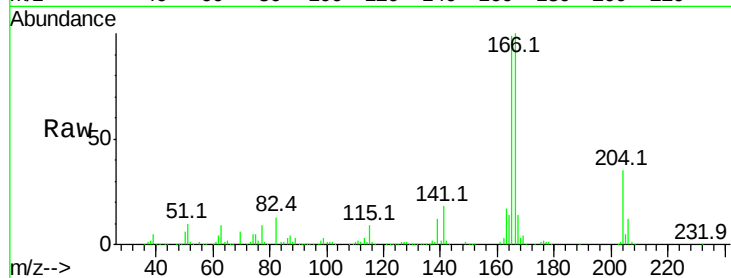
Tot Ion:166 Resp: 772936

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.6

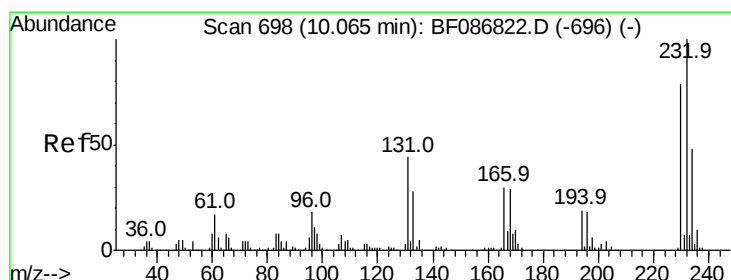
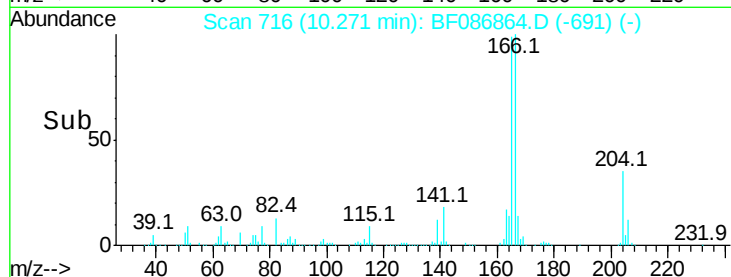
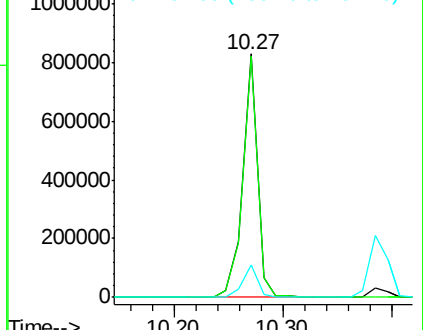
167 13.5 10.6 15.8



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: 44.64 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion:232 Resp: 208452

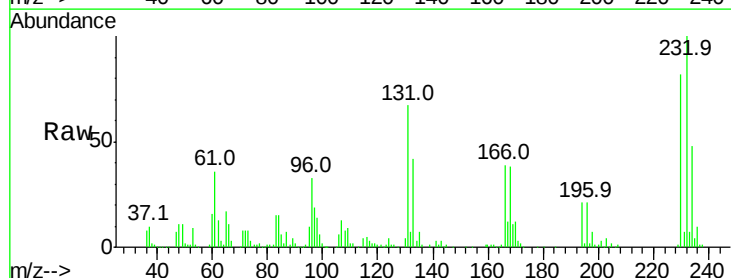
Ion Ratio Lower Upper

232 100

131 55.8 41.9 62.9

130 2.9 2.2 3.4

166 32.7 26.8 40.2

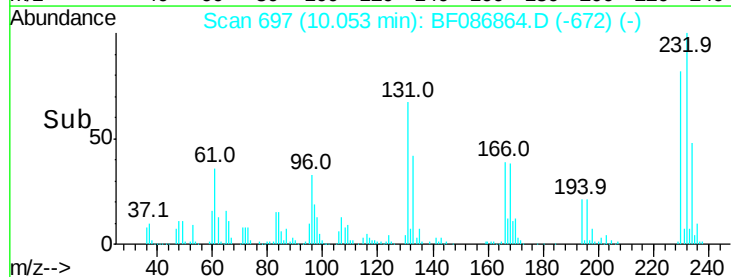
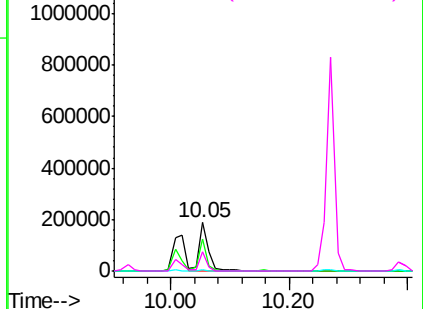


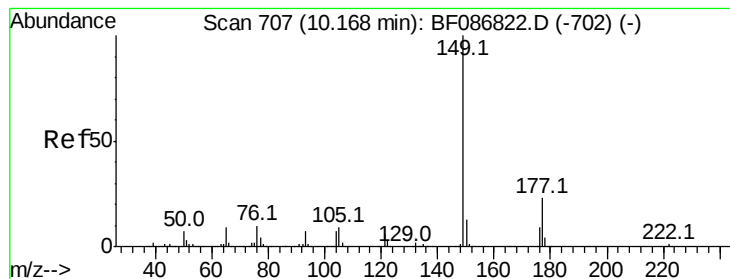
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.82 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

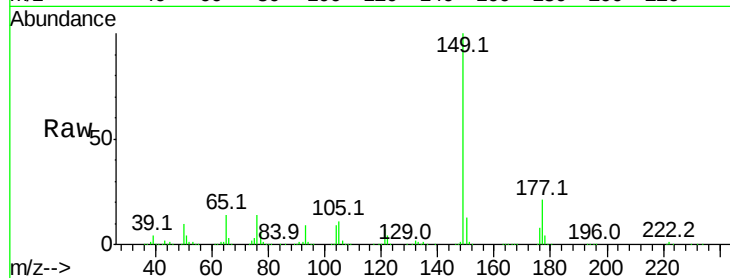
Tot Ion:149 Resp: 844407

Ion Ratio Lower Upper

149 100

177 21.4 16.6 24.8

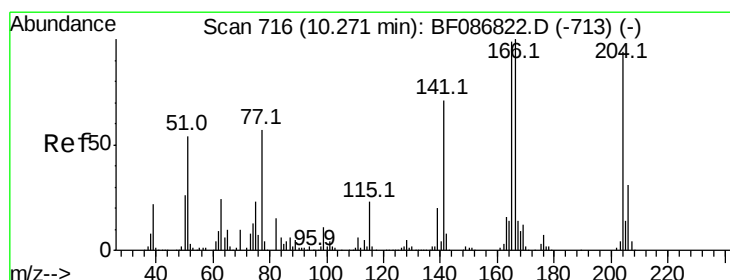
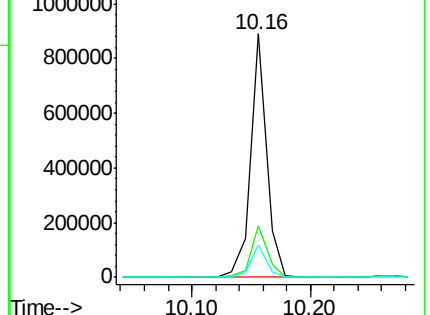
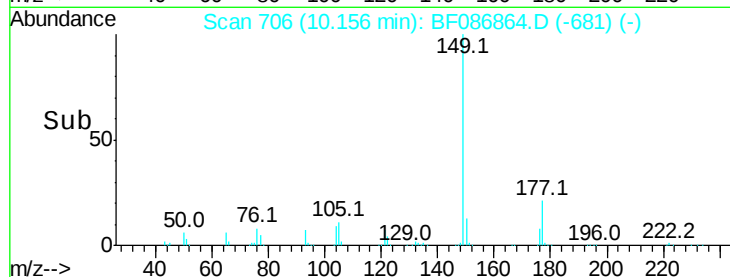
150 13.2 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.82 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

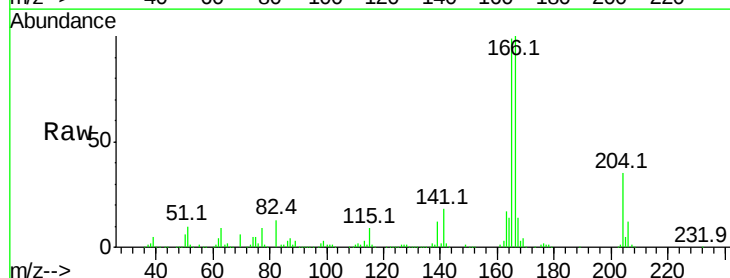
Tgt Ion:204 Resp: 369483

Ion Ratio Lower Upper

204 100

206 33.4 25.4 38.0

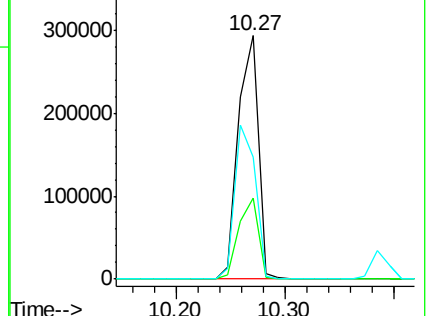
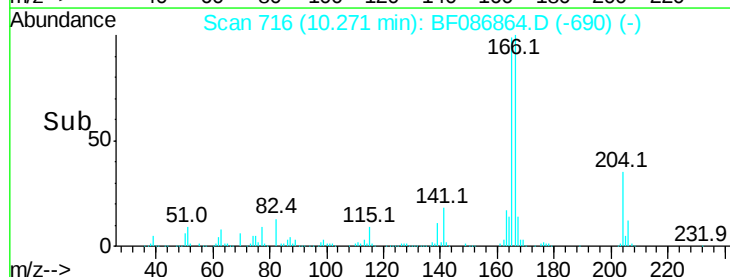
141 50.3 61.6 92.4#

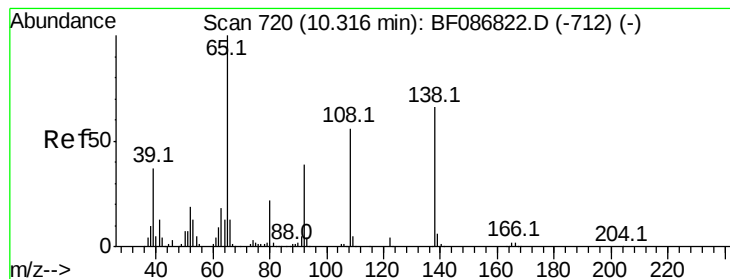


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.02 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

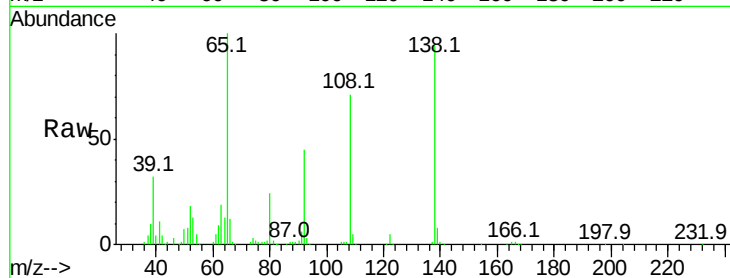
Tot Ion:138 Resp: 205422

Ion Ratio Lower Upper

138 100

92 47.4 24.7 64.7

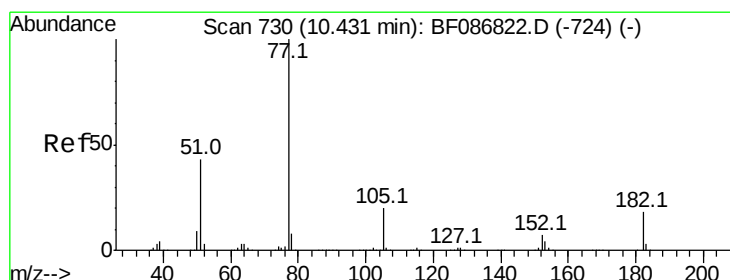
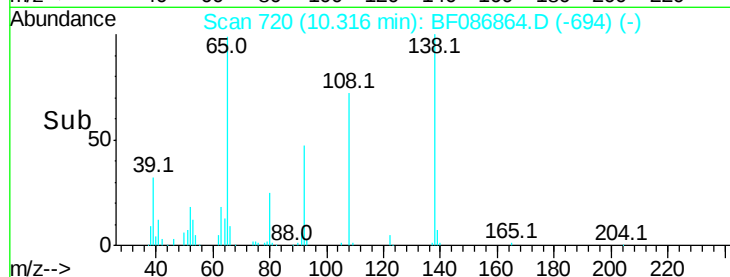
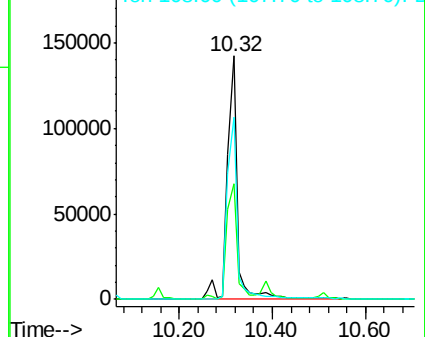
108 74.9 37.4 77.4



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: 40.30 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Tgt Ion: 77 Resp: 996982

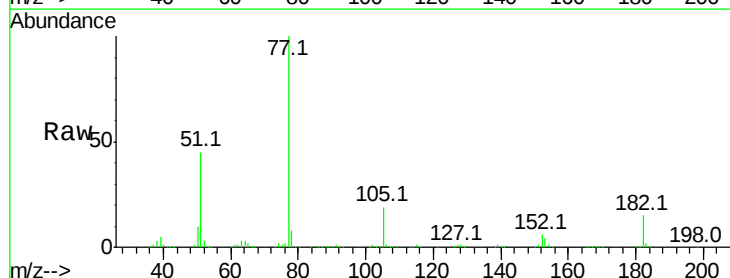
Ion Ratio Lower Upper

77 100

182 14.6 0.0 38.8

105 18.9 3.2 43.2

51 45.5 8.8 48.8

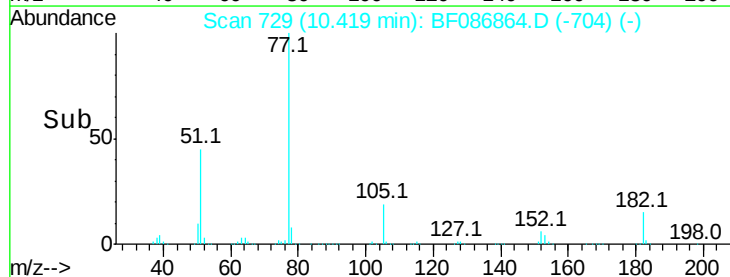
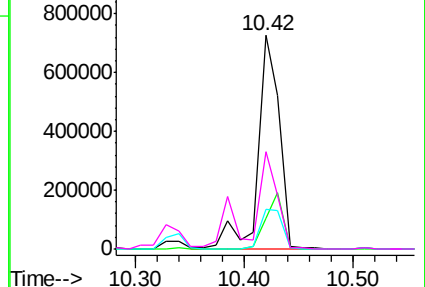


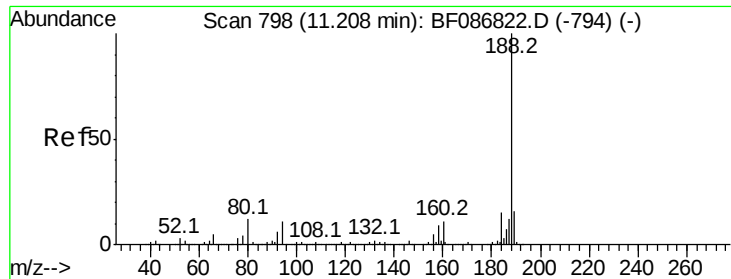
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

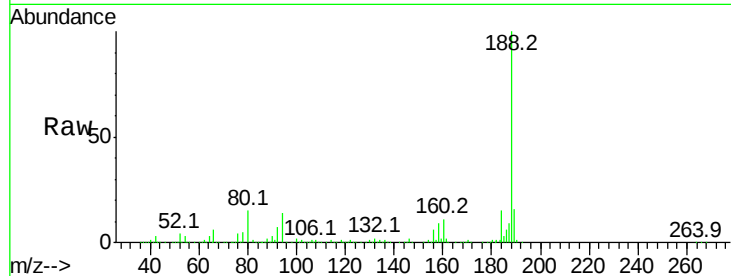




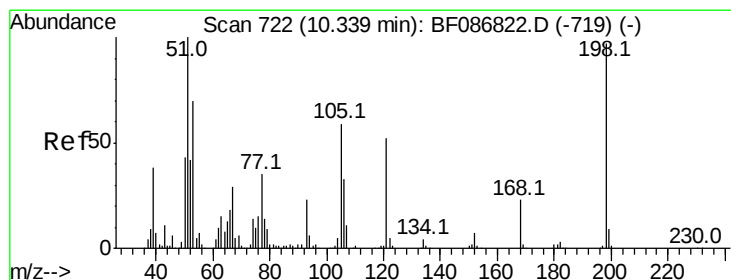
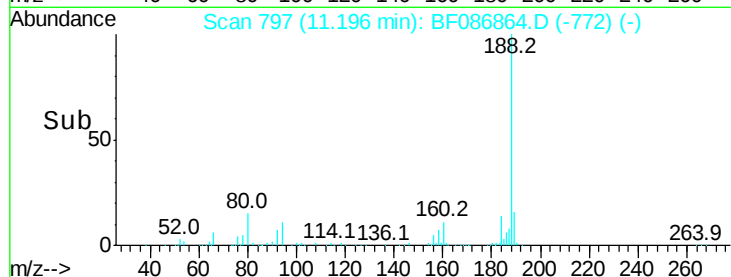
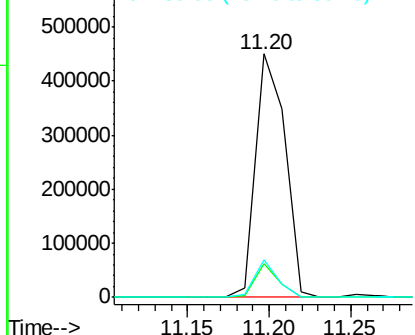
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Tot Ion:188 Resp: 569621
Ion Ratio Lower Upper
188 100
94 13.6 6.8 10.2#
80 15.3 7.1 10.7#

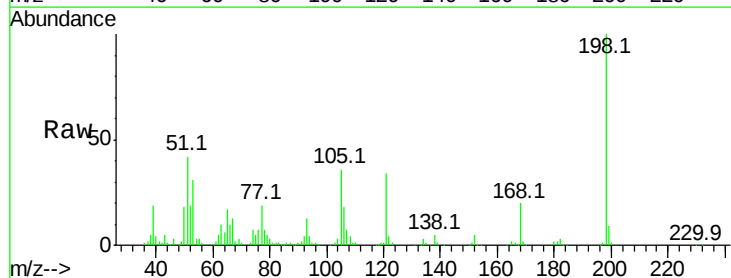


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

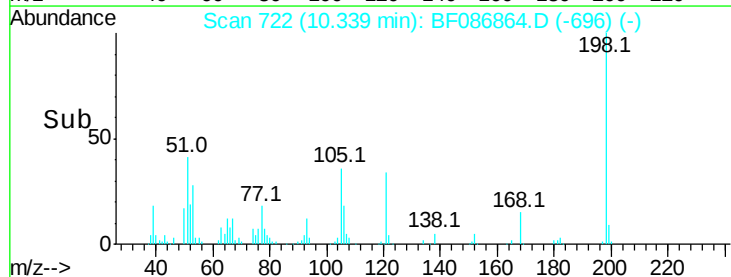
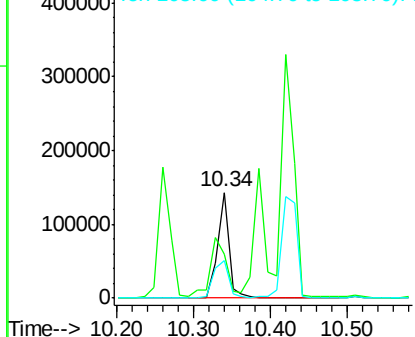


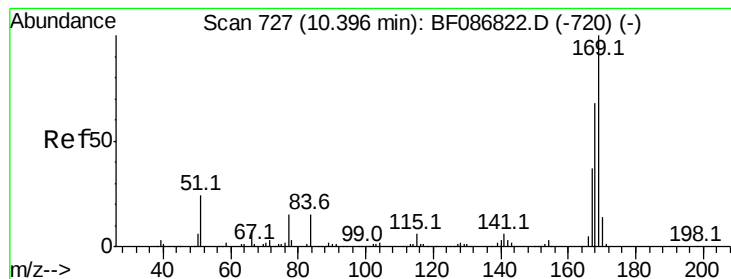
#64
4,6-Dinitro-2-methylphenol
Concen: 42.42 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion:198 Resp: 150124
Ion Ratio Lower Upper
198 100
51 41.6 20.5 60.5
105 35.5 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: 39.19 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

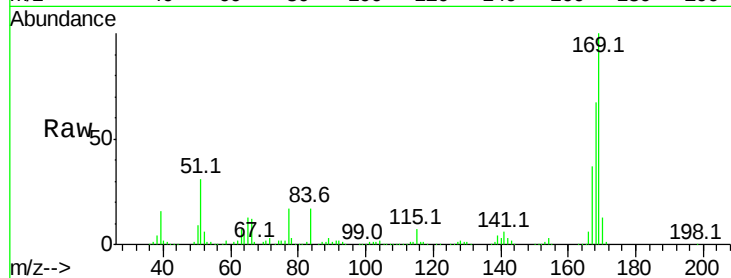
Tot Ion:169 Resp: 685729

Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

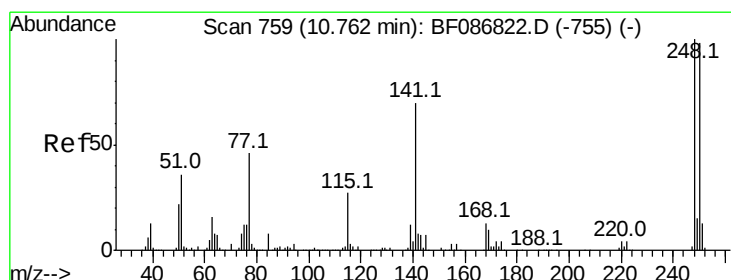
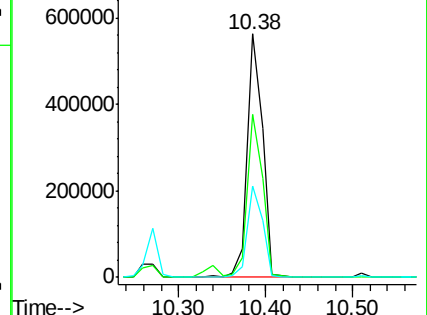
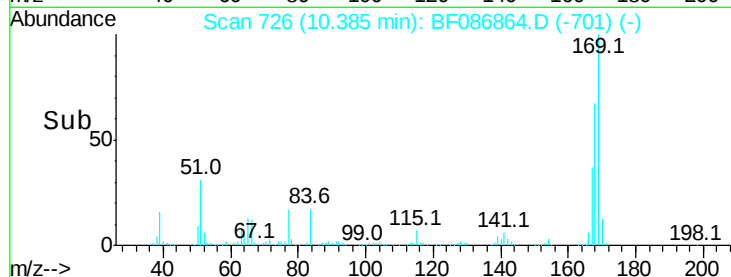
167 37.3 29.5 44.3



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: 38.42 ng

RT: 10.75 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

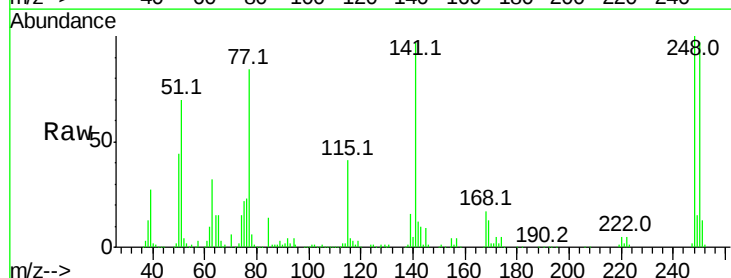
Tgt Ion:248 Resp: 221859

Ion Ratio Lower Upper

248 100

250 96.9 78.6 117.8

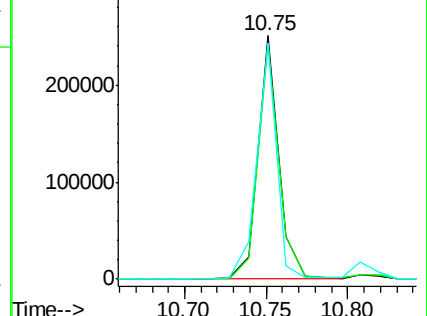
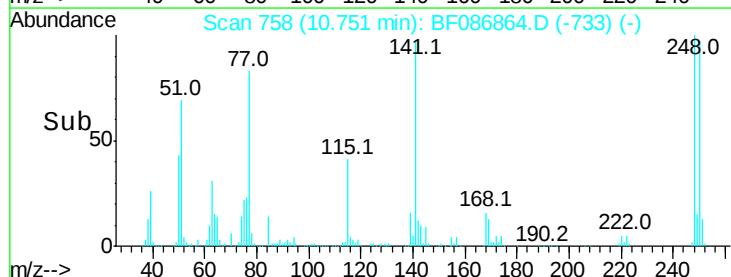
141 97.1 76.0 114.0

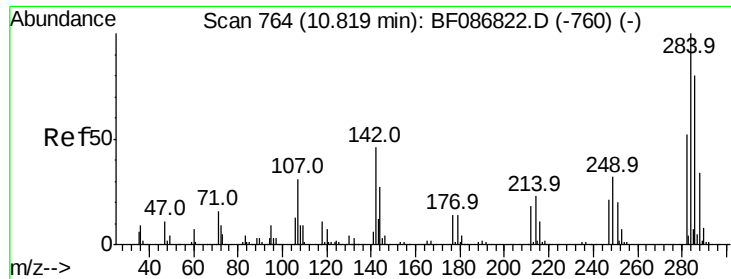


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

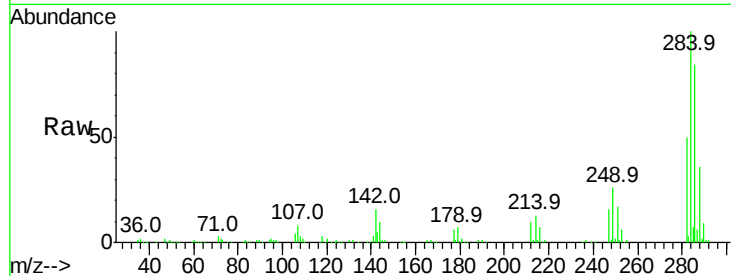




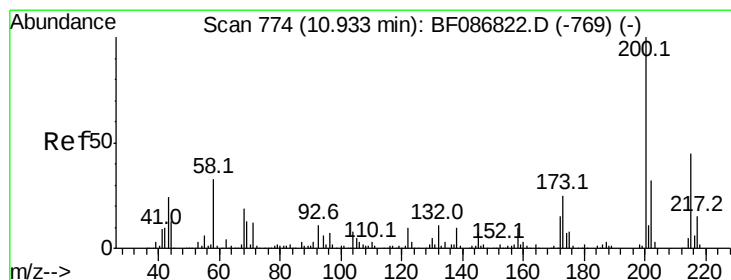
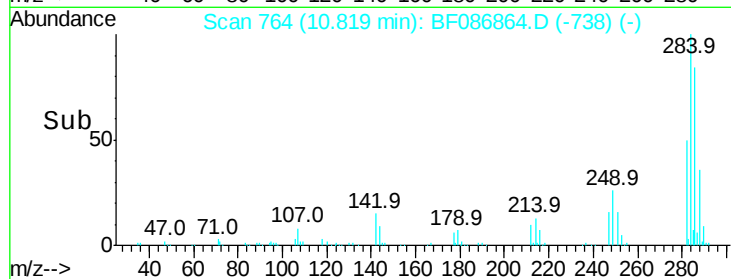
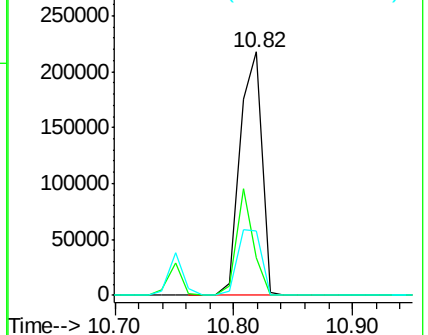
#67
Hexachlorobenzene
Concen: 41.38 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Tot Ion:284 Resp: 279294
Ion Ratio Lower Upper
284 100
142 15.7 16.7 25.1#
249 26.2 21.3 31.9

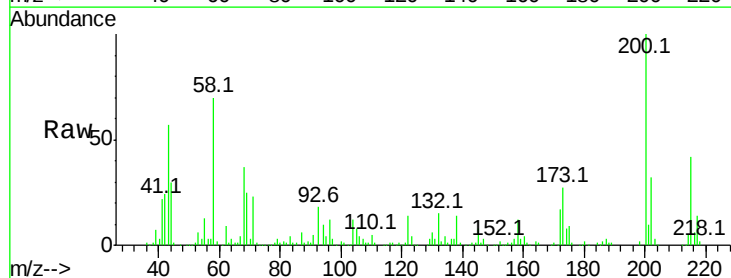


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

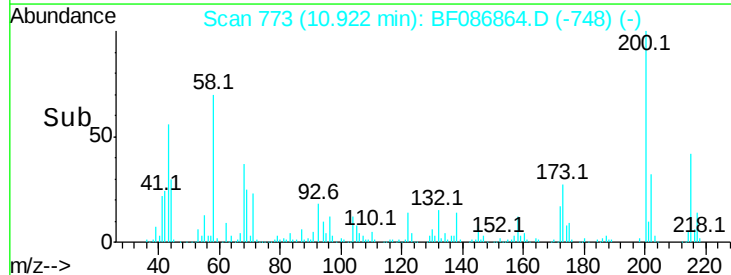
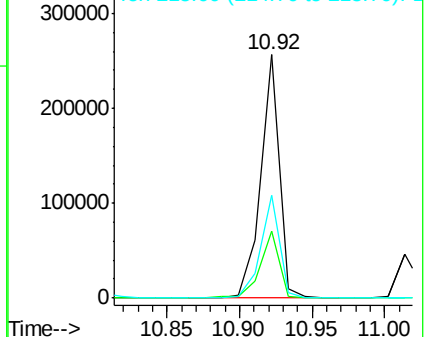


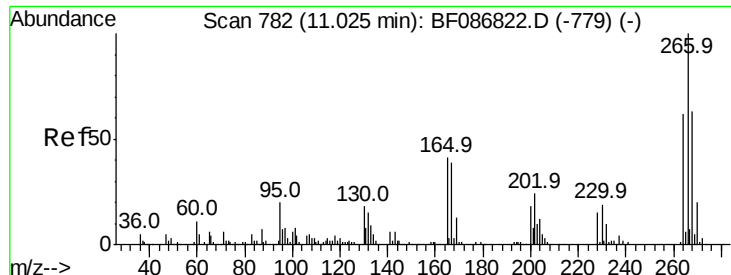
#68
Atrazine
Concen: 39.23 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion:200 Resp: 229328
Ion Ratio Lower Upper
200 100
173 27.3 8.5 48.5
215 42.2 27.2 67.2



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

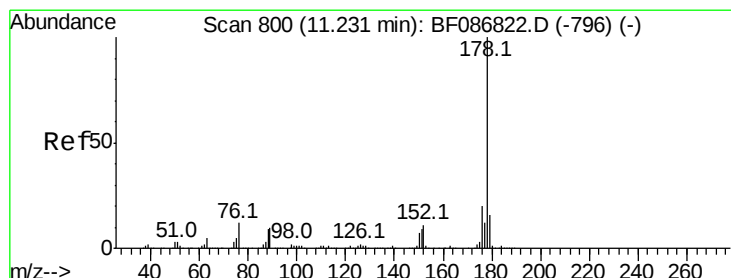
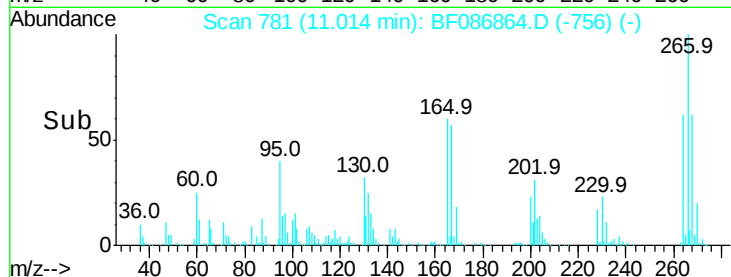
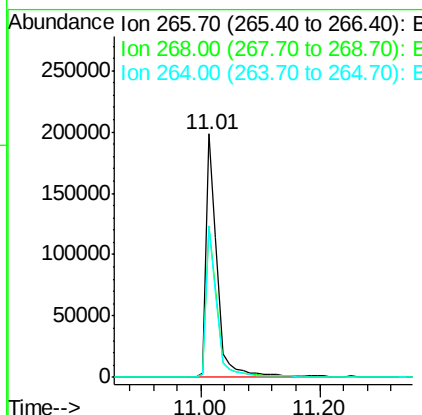
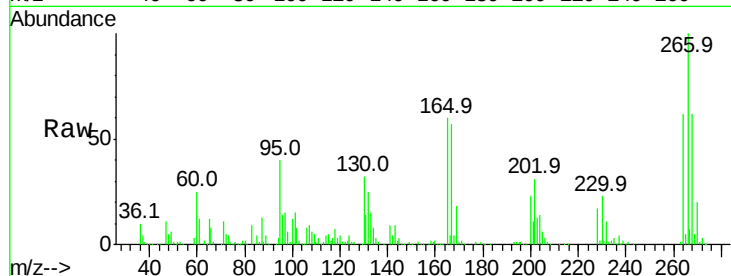




#69
 Pentachlorophenol
 Concen: 83.98 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

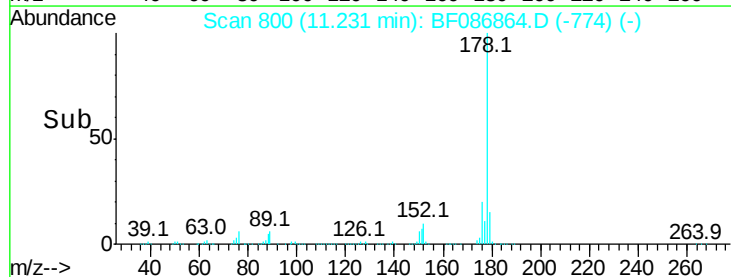
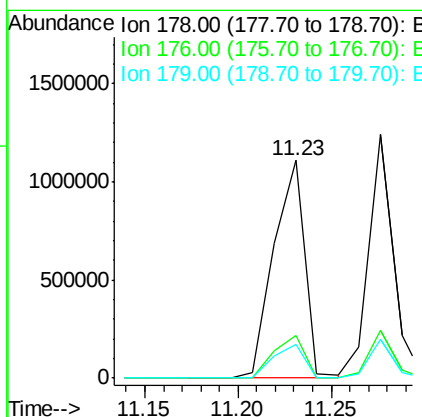
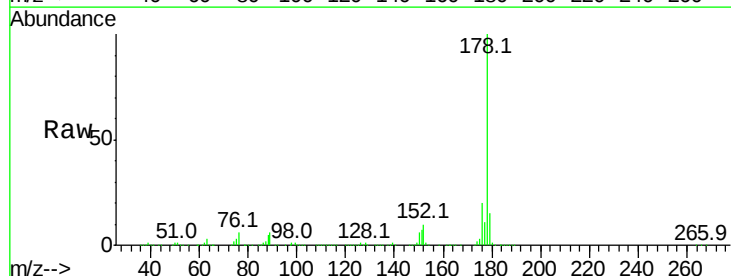
Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

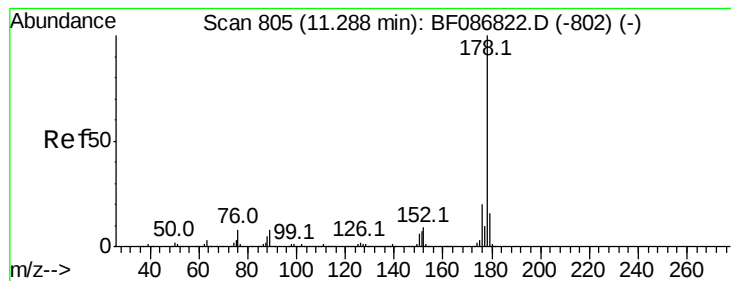
Tot Ion:266 Resp: 261957
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.5 77.3
 264 62.1 52.9 79.3



#70
 Phenanthrene
 Concen: 41.87 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion:178 Resp: 1272829
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.4 12.6 18.8





#71

Anthracene

Concen: 36.62 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

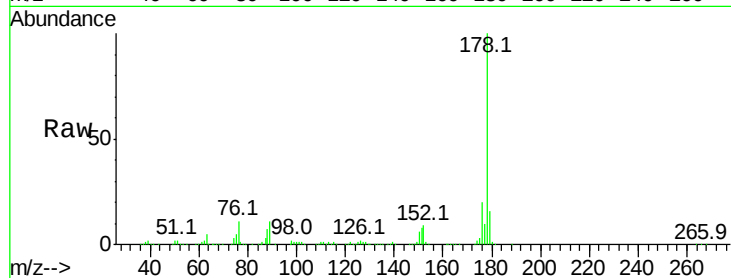
Tot Ion:178 Resp: 1138320

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

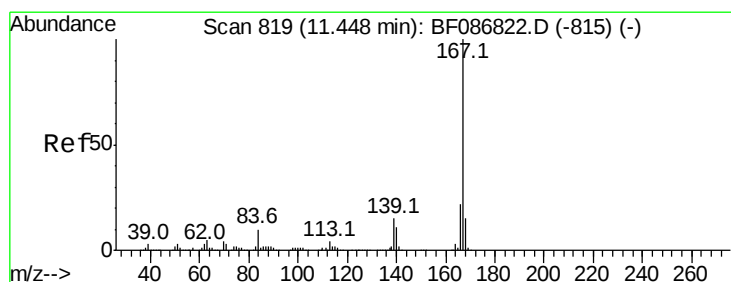
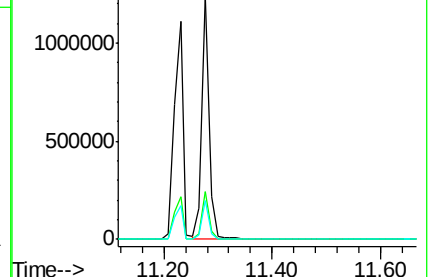
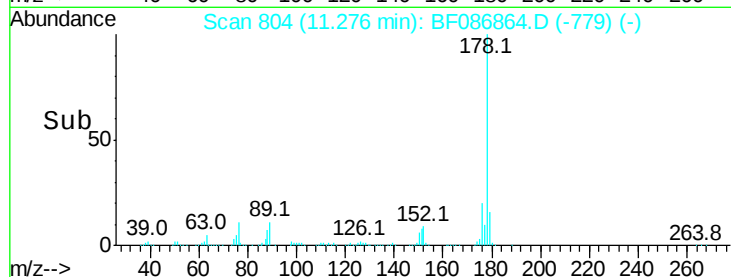
179 16.1 12.7 19.1



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: 39.30 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

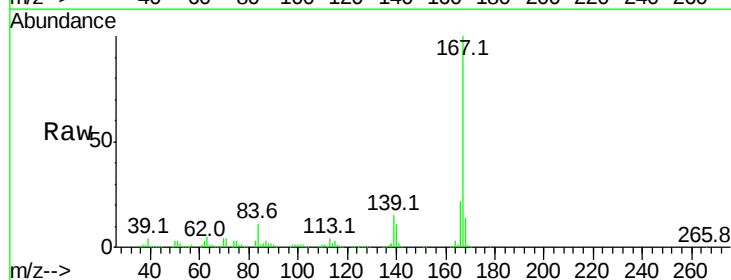
Tgt Ion:167 Resp: 1050351

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

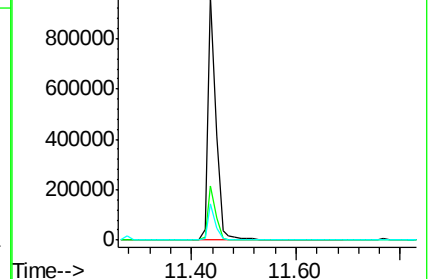
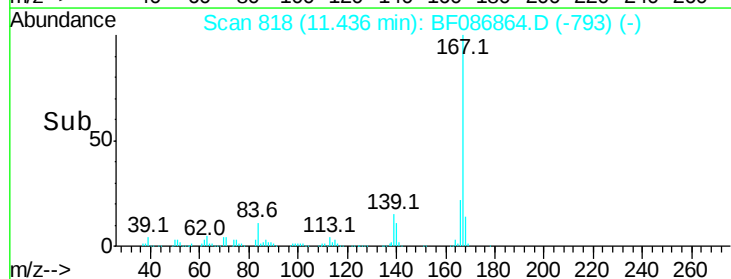
139 15.0 10.8 16.2

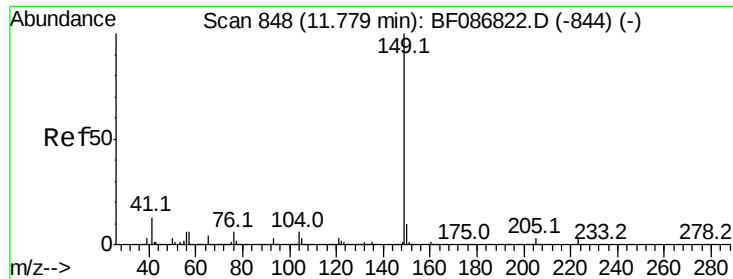


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.90 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

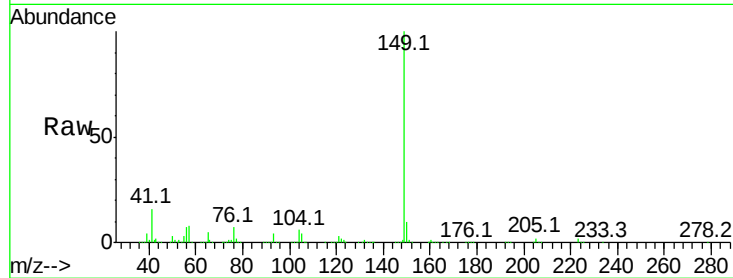
Tot Ion:149 Resp: 1269649

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

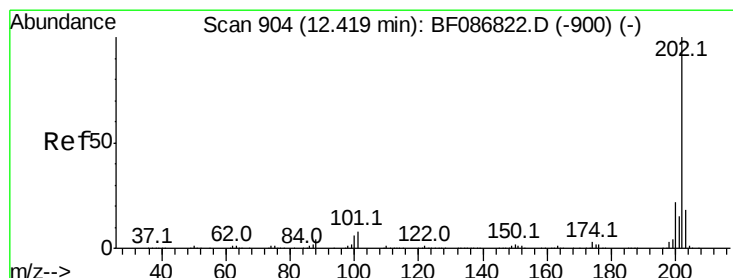
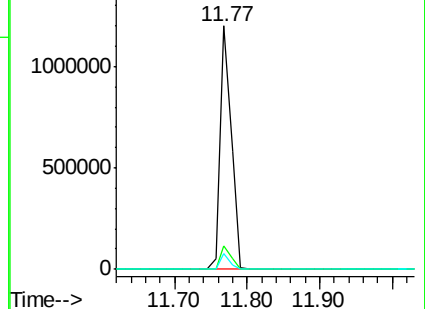
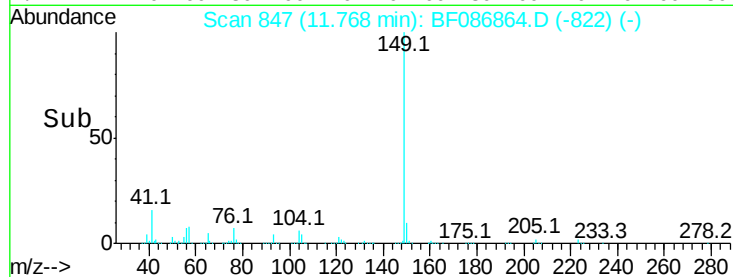
104 6.4 3.8 5.6#



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: 39.96 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

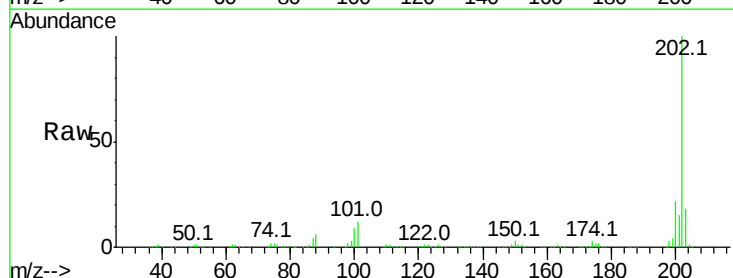
Tgt Ion:202 Resp: 1249230

Ion Ratio Lower Upper

202 100

101 12.1 0.0 35.4

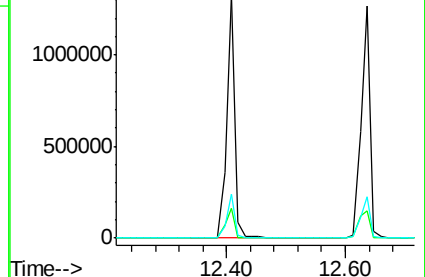
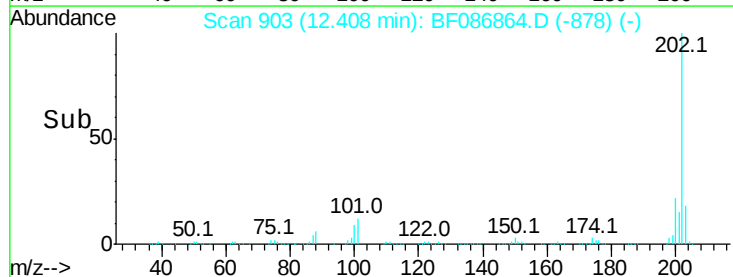
203 17.8 0.0 38.1

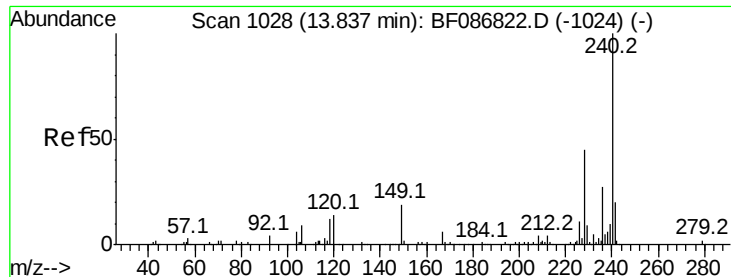


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

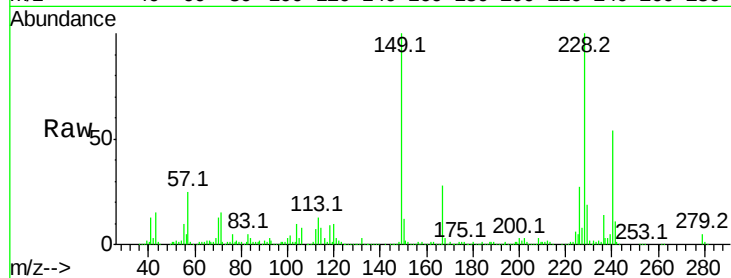
Tot Ion:240 Resp: 395459

Ion Ratio Lower Upper

240 100

120 19.0 11.2 16.8#

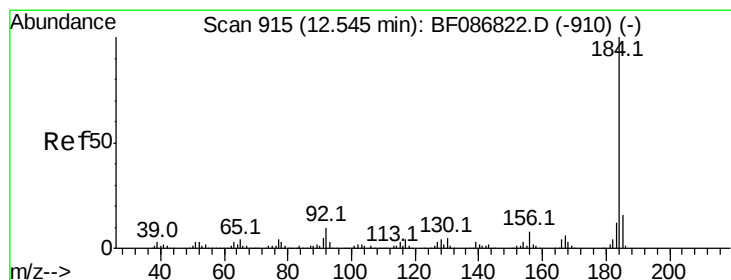
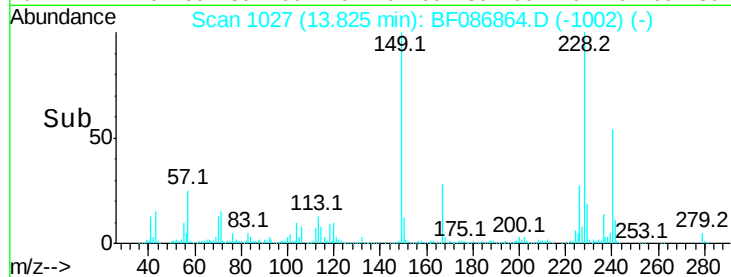
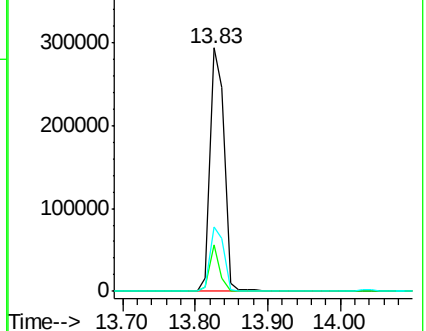
236 26.3 21.2 31.8



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: 17.81 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

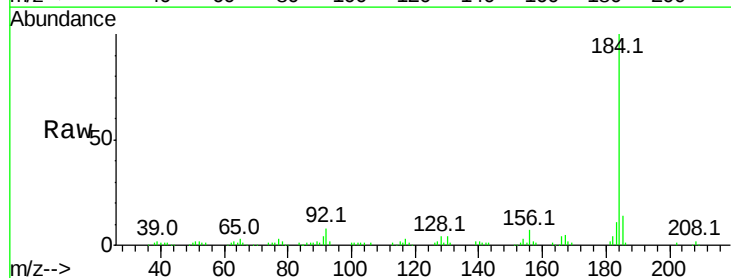
Tgt Ion:184 Resp: 179529

Ion Ratio Lower Upper

184 100

185 14.3 13.6 20.4

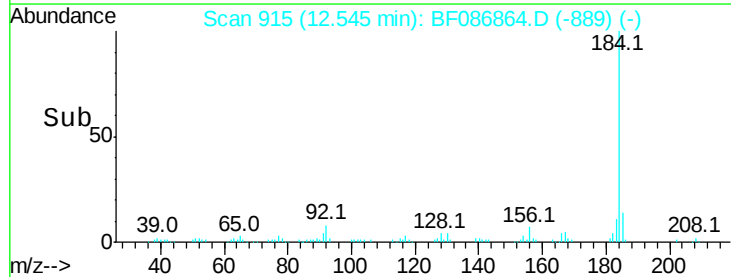
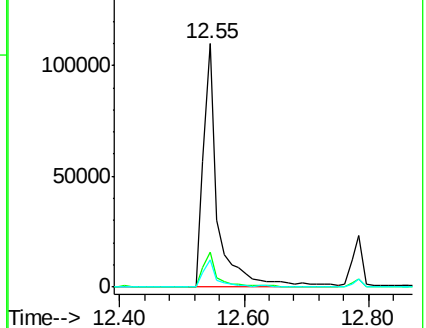
183 11.4 9.8 14.6

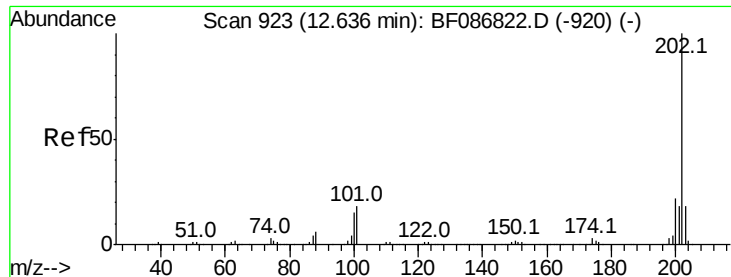


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

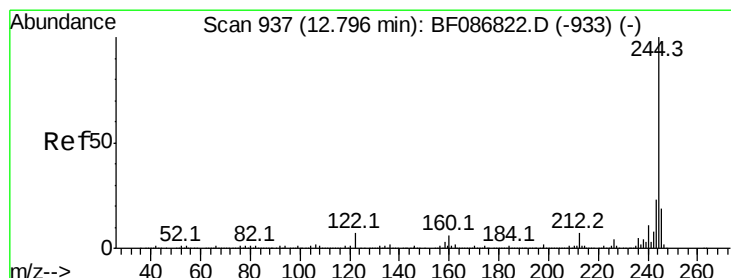
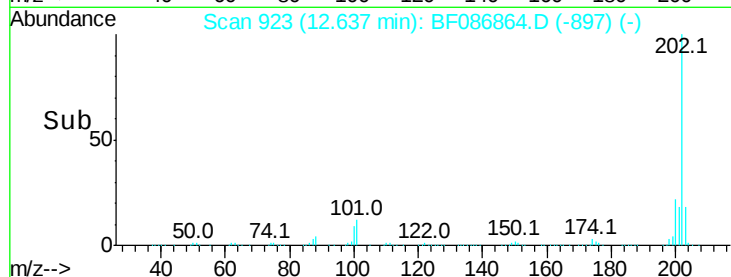
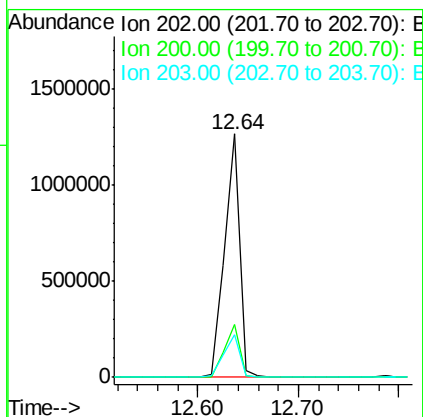
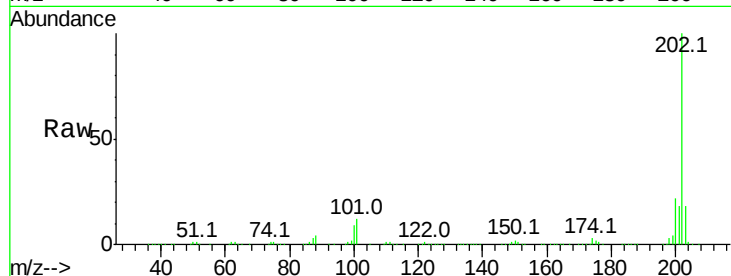




#77
Pvrene
Concen: 43.42 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

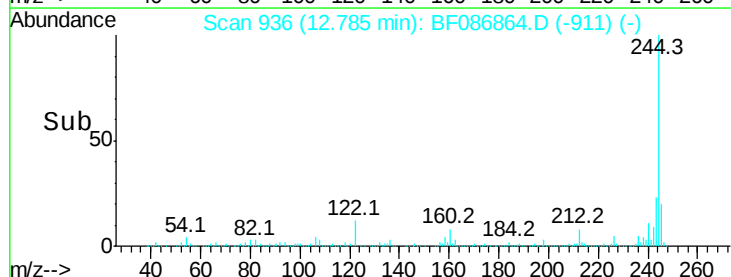
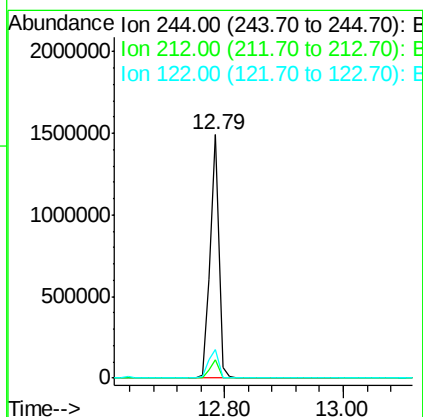
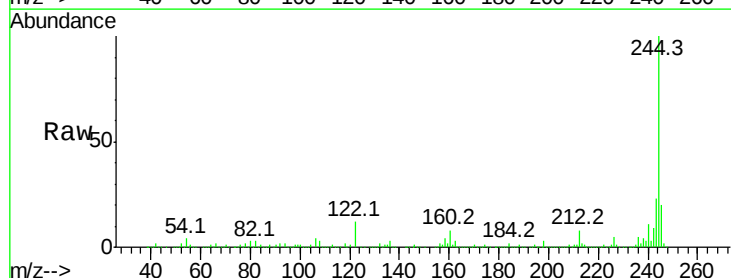
Instrument :
BNA_F
ClientSampleId :
PB90444BS

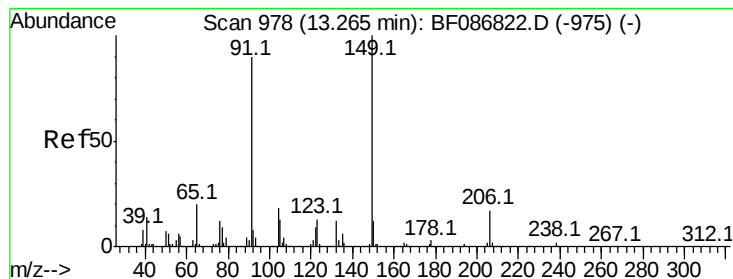
Tot Ion:202 Resp: 1314664
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 17.7 14.2 21.4



#78
Terphenyl-d14
Concen: 81.20 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086864.D
Acq: 10 May 2016 17:19

Tgt Ion:244 Resp: 1513422
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 11.6 12.0 18.0#





#79

Butylbenzylphthalate

Concen: 45.29 ng

RT: 13.27 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

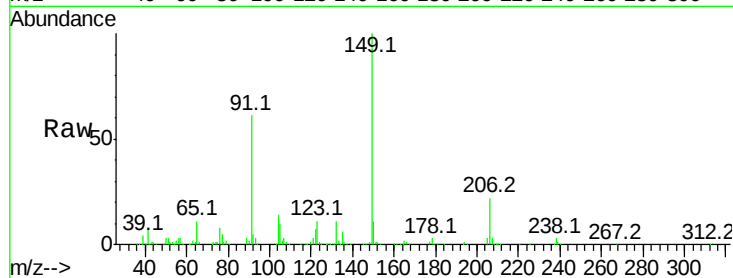
Tot Ion:149 Resp: 579981

Ion Ratio Lower Upper

149 100

91 61.4 48.0 72.0

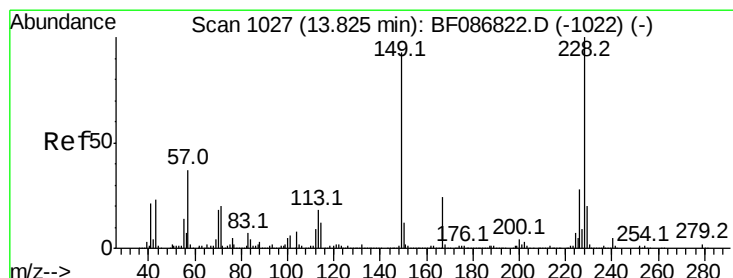
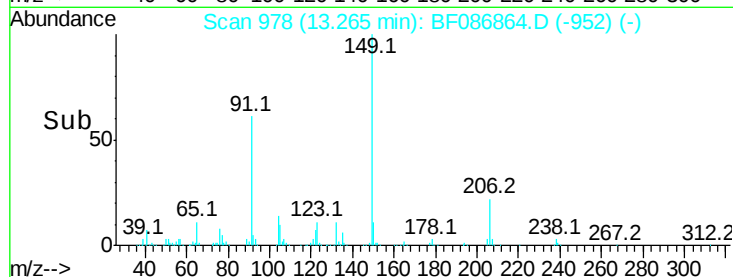
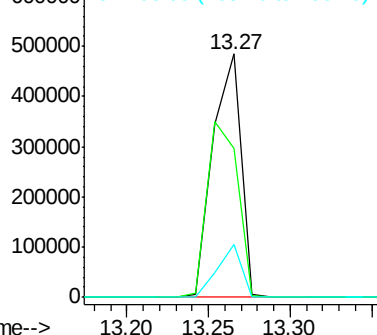
206 21.9 15.8 23.6



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: 43.43 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

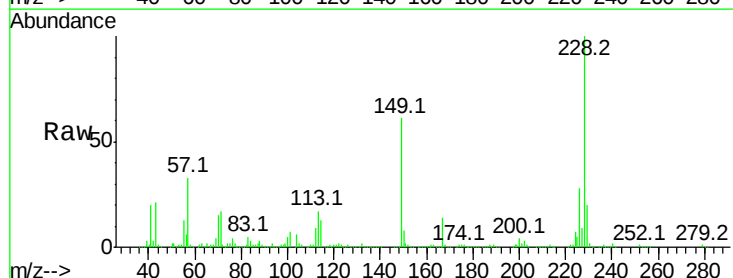
Tgt Ion:228 Resp: 964231

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

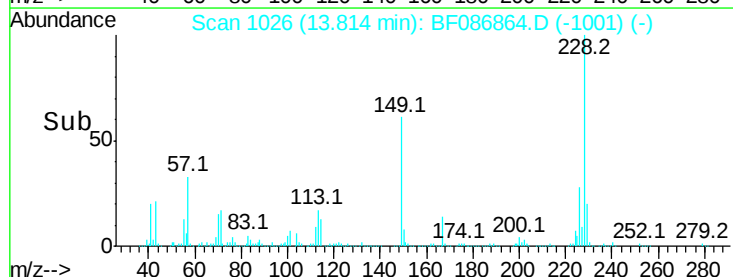
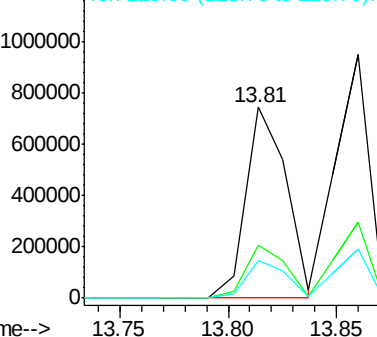
229 19.9 16.6 25.0

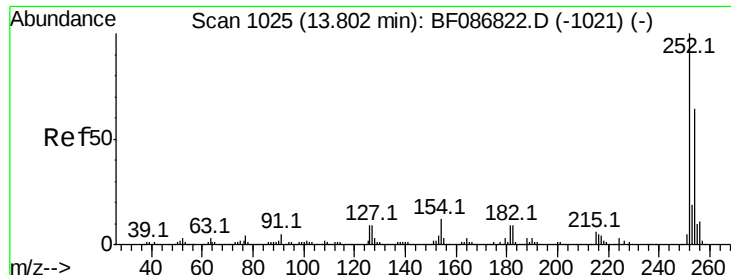


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

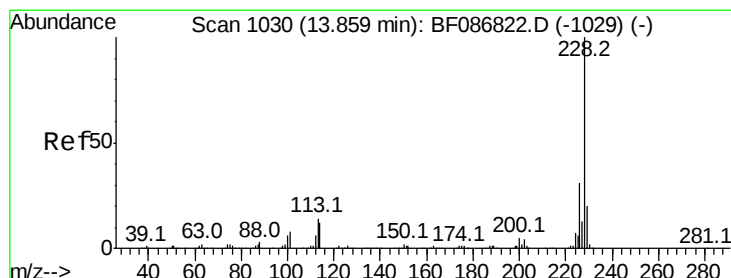
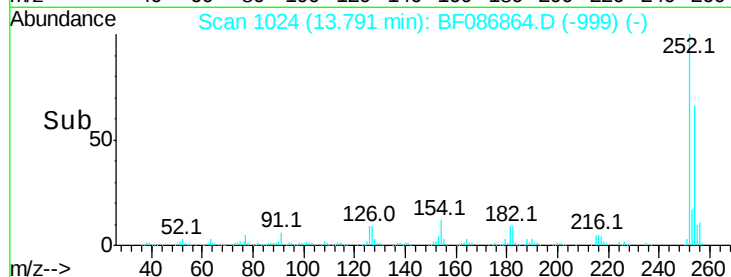
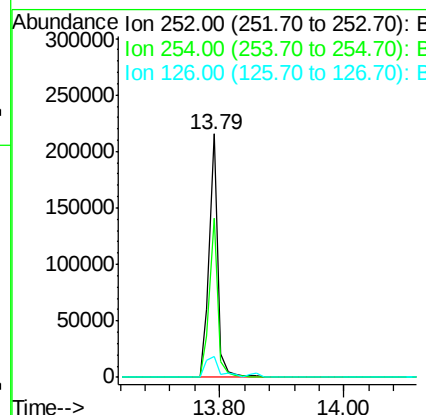
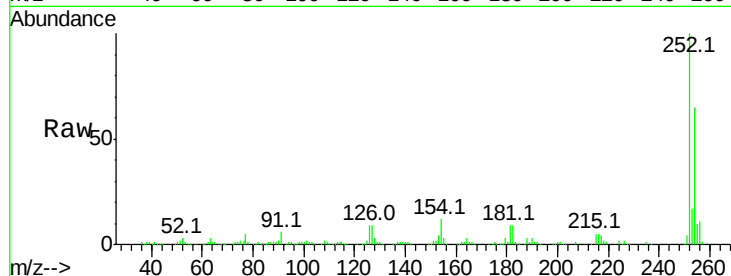




#81
 3,3'-Dichlorobenzidine
 Concen: 15.23 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

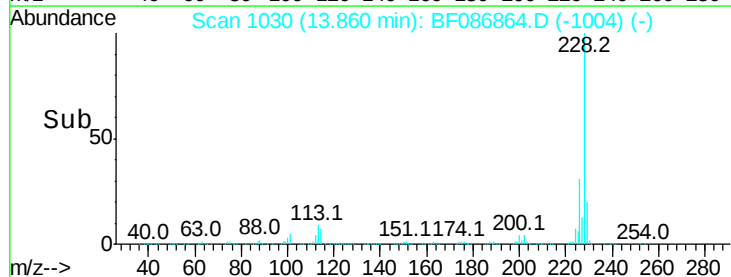
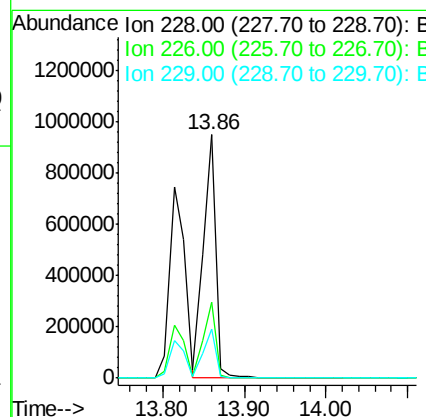
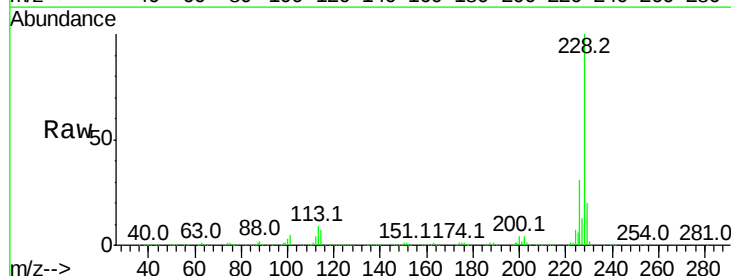
Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

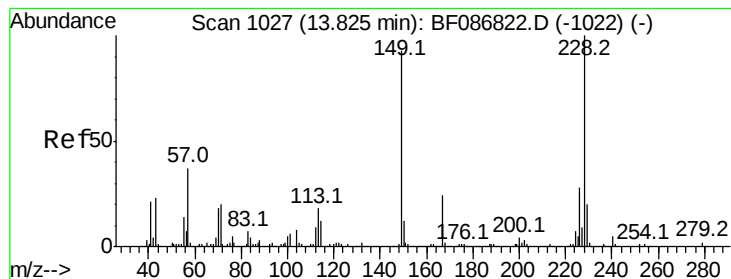
Tot Ion:252 Resp: 214799
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.7 76.1
 126 8.8 12.7 19.1#



#82
 Chrysene
 Concen: 45.50 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion:228 Resp: 1027556
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 19.9 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.69 ng

RT: 13.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

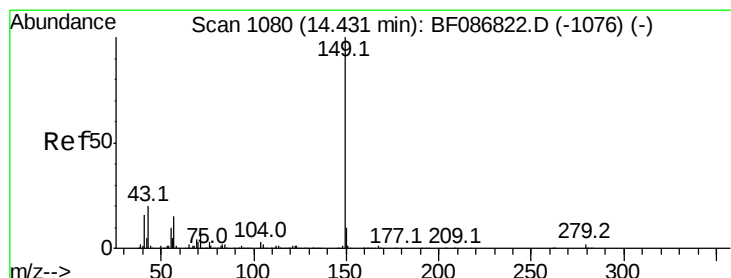
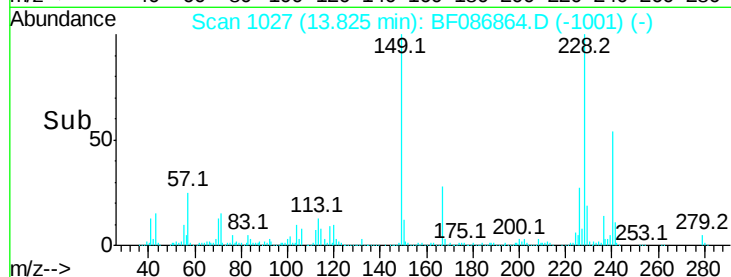
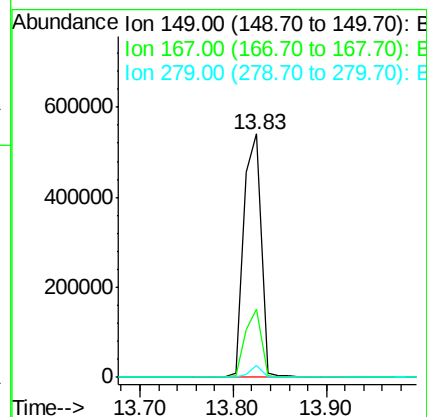
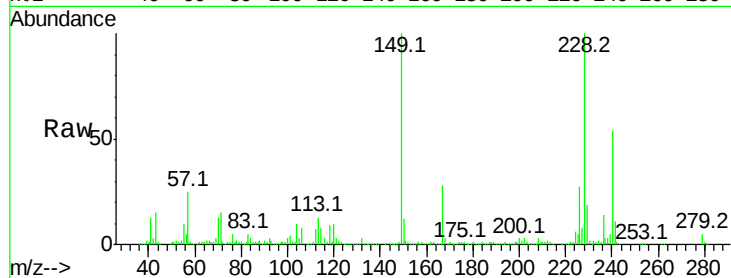
Tot Ion:149 Resp: 703871

Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

279 5.0 2.6 4.0#



#84

Di-n-octyl phthalate

Concen: 50.06 ng

RT: 14.43 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

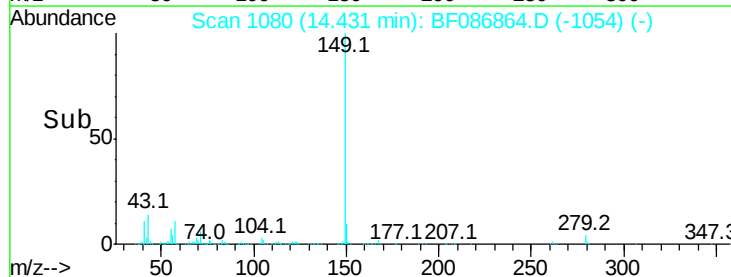
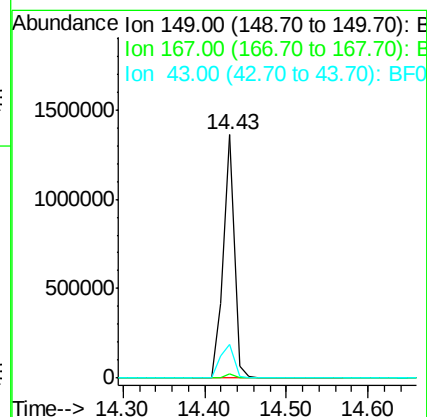
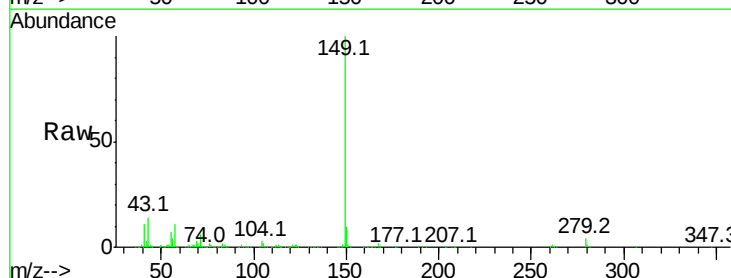
Tgt Ion:149 Resp: 1277477

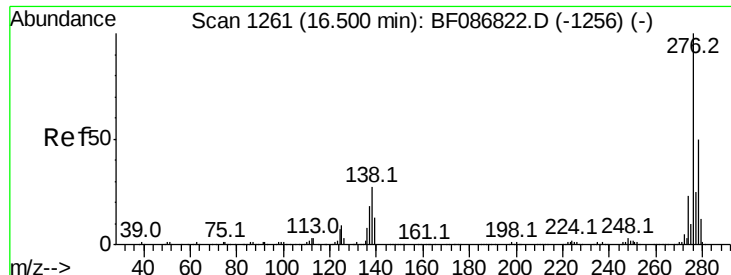
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 17.4 8.2 12.4#

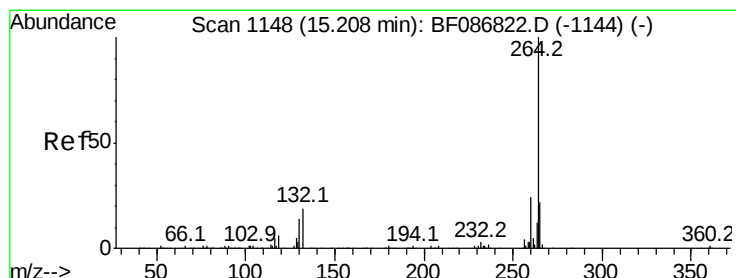
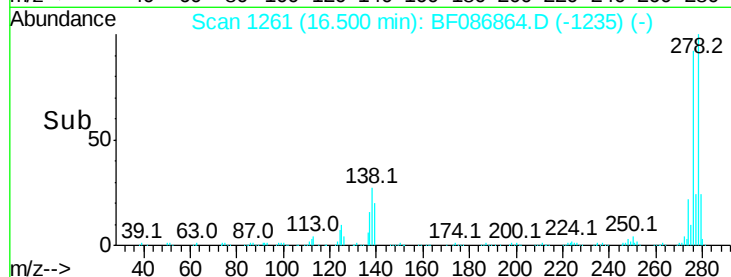
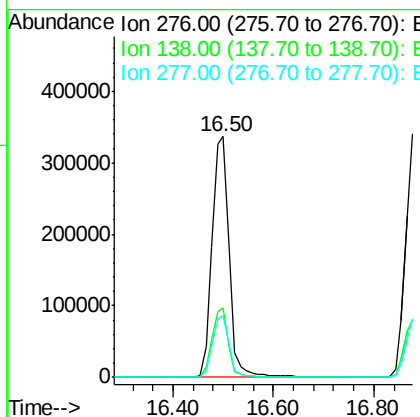
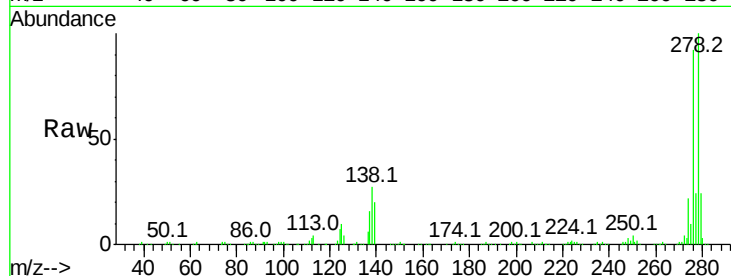




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.26 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

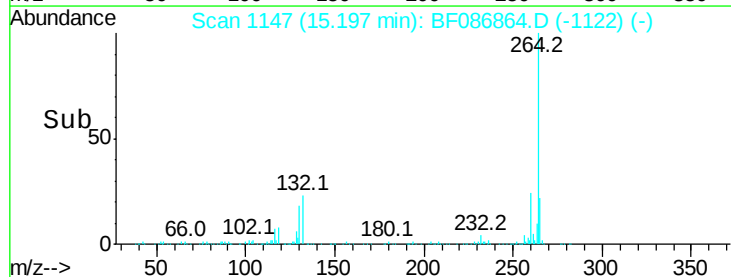
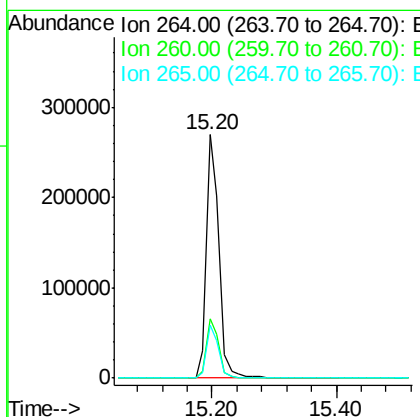
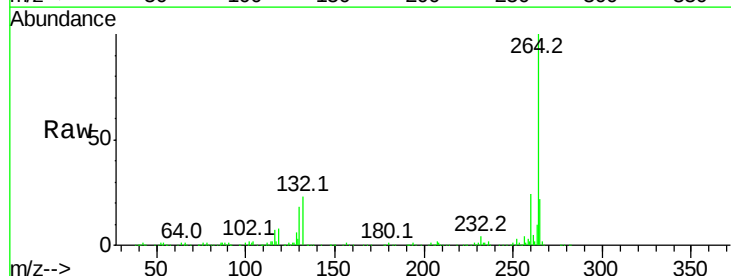
Instrument :
 BNA_F
 ClientSampleId :
 PB90444BS

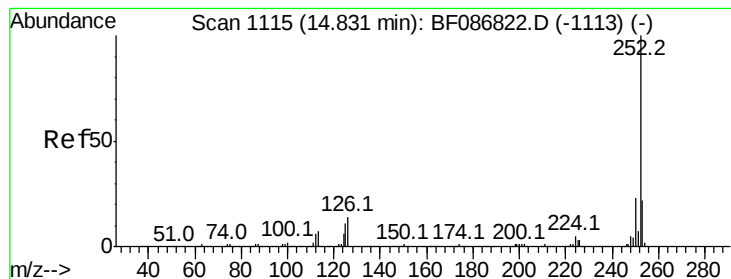
Tot Ion:276 Resp: 793954
 Ion Ratio Lower Upper
 276 100
 138 27.9 25.6 38.4
 277 25.1 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086864.D
 Acq: 10 May 2016 17:19

Tgt Ion:264 Resp: 377880
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 76.35 ng

RT: 14.85 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

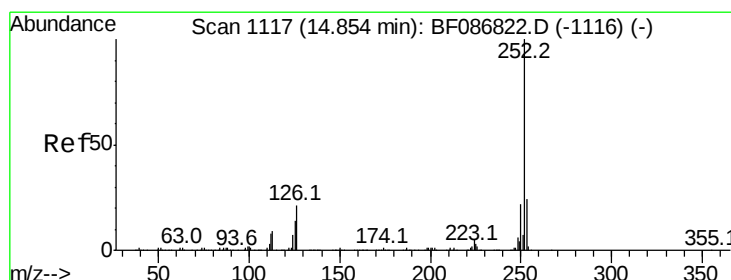
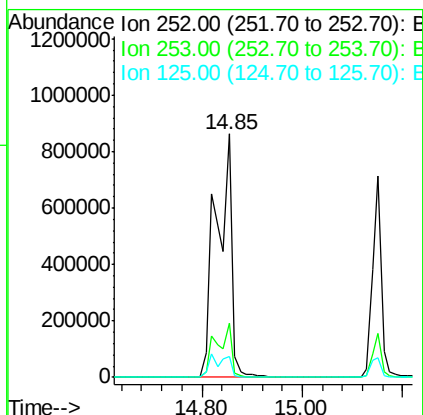
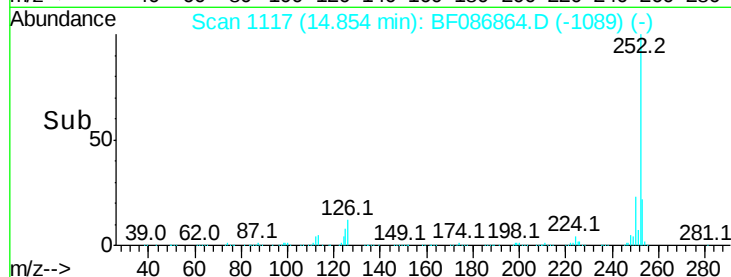
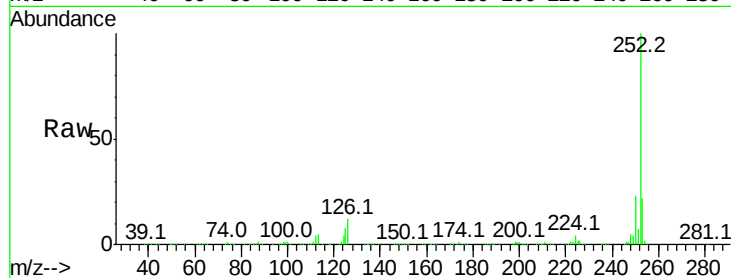
Tot Ion:252 Resp: 1874971

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 8.4 11.4 17.0#



#88

Benzo(k)fluoranthene

Concen: 93.29 ng

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

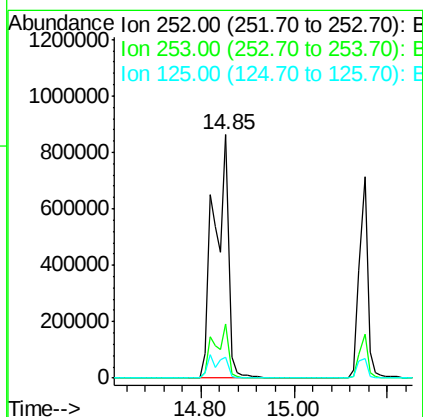
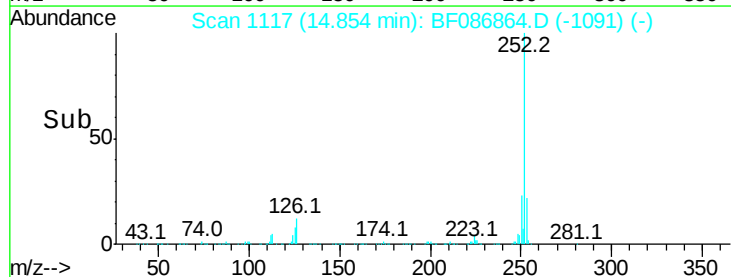
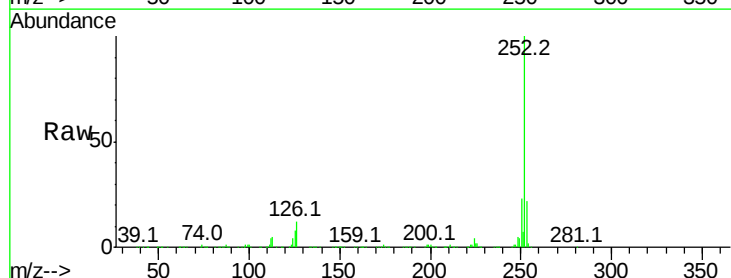
Tgt Ion:252 Resp: 1875912

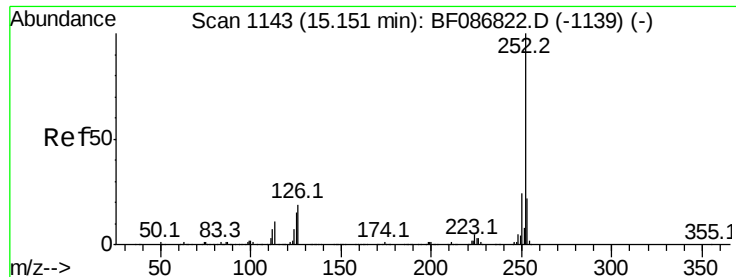
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 8.4 9.1 13.7#





#89

Benzo(a)pyrene

Concen: 40.94 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

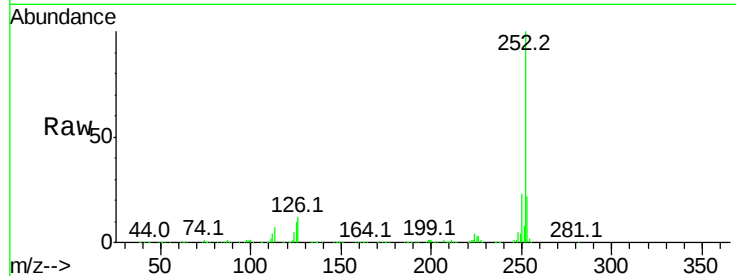
Tot Ion:252 Resp: 867231

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

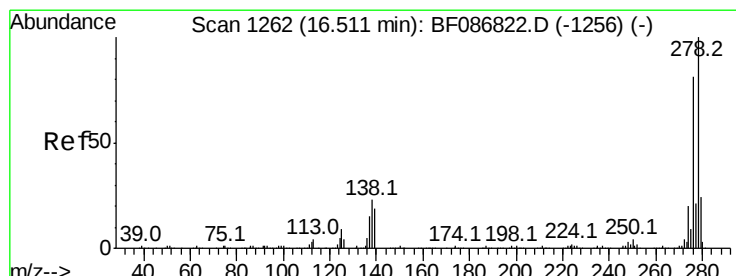
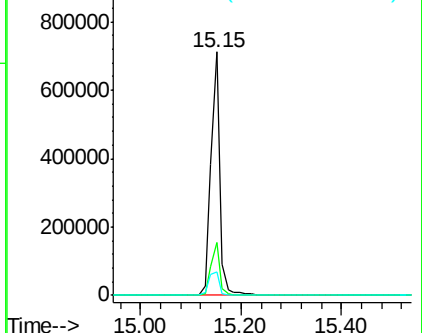
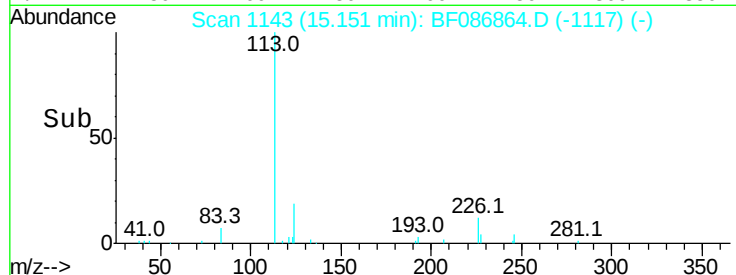
125 9.7 9.0 13.6



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: 36.87 ng

RT: 16.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

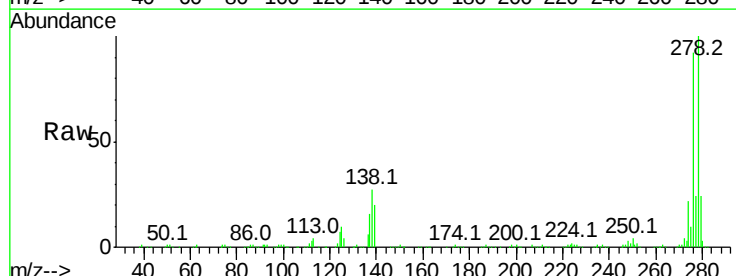
Tgt Ion:278 Resp: 658159

Ion Ratio Lower Upper

278 100

139 19.6 16.6 24.8

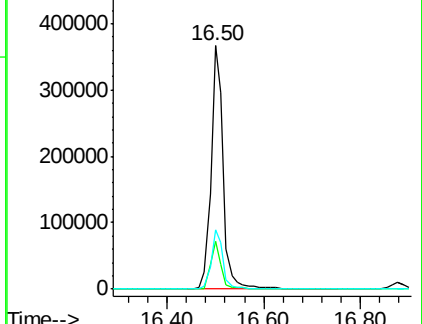
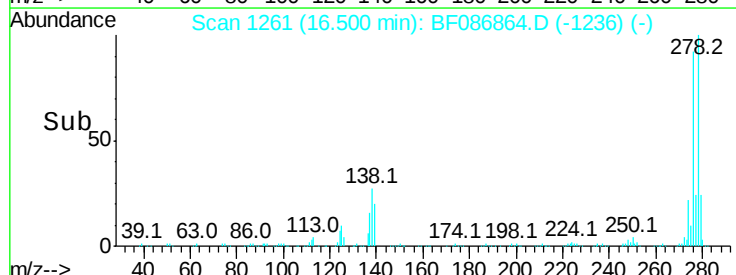
279 24.4 19.6 29.4

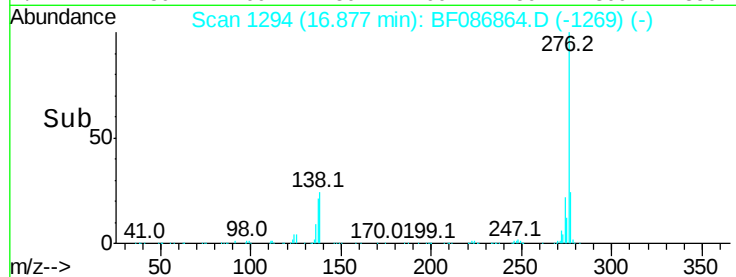
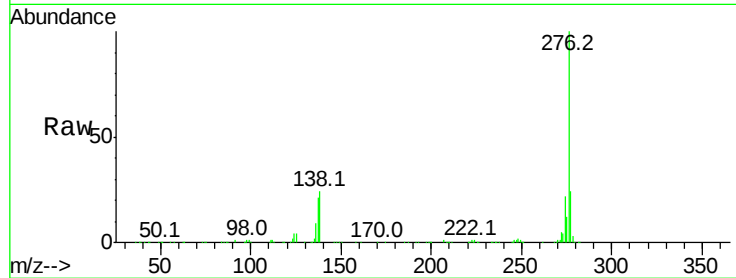
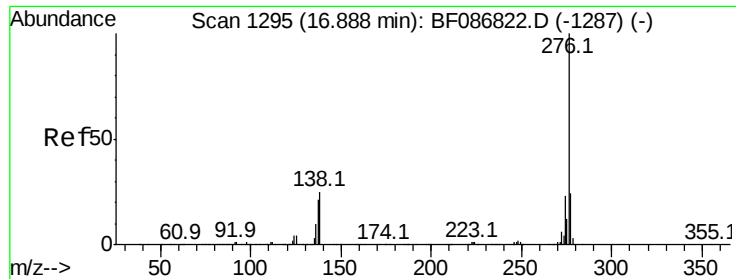


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.56 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF086864.D

Acq: 10 May 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB90444BS

Tot Ion:276 Resp: 663252

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 24.1 23.6 35.4

