

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086032.D
 Acq On : 3 Apr 2016 00:56
 Operator : UM/SJ
 Sample : H2017-04MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Quant Time: Apr 04 01:11:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114636	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	440330	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	206975	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	360913	20.00	ng	0.00
75) Chrysene-d12	13.93	240	227020	20.00	ng	0.00
86) Perylene-d12	15.33	264	195255	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	789714	117.75	ng	0.02
7) Phenol-d6	6.43	99	1014814	119.13	ng	0.01
23) Nitrobenzene-d5	7.34	82	696934	93.34	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	258126	132.87	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1226939	98.56	ng	0.00
78) Terphenyl-d14	12.88	244	969980	100.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	118815	37.37	ng	# 87
3) Pyridine	3.18	79	153526	21.57	ng	100
4) n-Nitrosodimethylamine	3.10	42	141939	45.35	ng	98
6) Aniline	6.45	93	82968	7.42	ng	# 49
8) 2-Chlorophenol	6.57	128	342815	42.86	ng	98
9) Benzaldehyde	6.33	77	45279	9.88	ng	92
10) Phenol	6.44	94	397020	40.86	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	345847	44.95	ng	96
12) 1,3-Dichlorobenzene	6.80	146	373862	44.10	ng	98
13) 1,4-Dichlorobenzene	6.80	146	373862	42.81	ng	93
14) 1,2-Dichlorobenzene	6.94	146	348279	43.33	ng	98
15) Benzyl Alcohol	6.93	79	233131	42.30	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	388065	41.28	ng	74
17) 2-Methylphenol	7.05	107	282160	44.74	ng	96
18) Hexachloroethane	7.29	117	140187	43.64	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	222551	42.15	ng	94
20) 3+4-Methylphenols	7.21	107	356892	46.53	ng	# 63
22) Acetophenone	7.20	105	486590	47.01	ng	# 91
24) Nitrobenzene	7.37	77	400062	48.97	ng	89
25) Isophorone	7.61	82	689859	46.80	ng	# 94
26) 2-Nitrophenol	7.68	139	181730	46.50	ng	# 80
27) 2,4-Dimethylphenol	7.72	122	297481	42.38	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	403649	46.67	ng	99
29) 2,4-Dichlorophenol	7.93	162	290288	48.92	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	302084	45.35	ng	93
31) Naphthalene	8.08	128	1034538	46.71	ng	99
32) Benzoic acid	7.87	122	191238	37.13	ng	98
33) 4-Chloroaniline	8.16	127	37899	4.24	ng	96
34) Hexachlorobutadiene	8.20	225	158420	44.24	ng	98
35) Caprolactam	8.51	113	50304	26.72	ng	99
36) 4-Chloro-3-methylphenol	8.64	107	313117	46.94	ng	95
37) 2-Methylnaphthalene	8.77	142	670034	46.31	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	274872	44.19	ng	100
40) Hexachlorocyclopentadiene	8.92	237	163877	74.78	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	190945	47.80	ng	99
43) 2,4,5-Trichlorophenol	9.10	196	196721	48.50	ng	# 87
45) 1,1'-Biphenyl	9.24	154	782081	43.82	ng	94
46) 2-Chloronaphthalene	9.26	162	614313	47.49	ng	97
47) 2-Nitroaniline	9.37	65	190713	50.39	ng	93
48) Acenaphthylene	9.68	152	941226	45.42	ng	100
49) Dimethylphthalate	9.54	163	718488	46.84	ng	99
50) 2,6-Dinitrotoluene	9.61	165	154667	47.65	ng	92
51) Acenaphthene	9.85	154	578250	46.92	ng	99
52) 3-Nitroaniline	9.78	138	44975	11.50	ng	92
53) 2,4-Dinitrophenol	9.89	184	161349	74.50	ng	# 80
54) Dibenzofuran	10.02	168	774918	47.61	ng	99
55) 4-Nitrophenol	9.96	139	180217	78.15	ng	85
56) 2,4-Dinitrotoluene	10.02	165	204001	49.74	ng	# 77
57) Fluorene	10.36	166	640431	46.06	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	159801	52.92	ng	94
59) Diethylphthalate	10.24	149	671371	43.36	ng	97
60) 4-Chlorophenyl-phenylether	10.35	204	277631	42.87	ng	98
61) 4-Nitroaniline	10.40	138	122774	31.87	ng	97
62) Azobenzene	10.51	77	711553	47.98	ng	99
64) 4,6-Dinitro-2-methylphenol	10.43	198	96746	44.23	ng	# 55
65) n-Nitrosodiphenylamine	10.48	169	477802	42.33	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	189140	51.33	ng	97
67) Hexachlorobenzene	10.91	284	195699	51.36	ng	98
68) Atrazine	11.00	200	96412	26.44	ng	98
69) Pentachlorophenol	11.10	266	175277	98.15	ng	97
70) Phenanthrene	11.32	178	954391	48.47	ng	99
71) Anthracene	11.37	178	891579	43.23	ng	99
72) Carbazole	11.53	167	633224	35.72	ng	99
73) Di-n-butylphthalate	11.86	149	1097221	49.94	ng	100
74) Fluoranthene	12.50	202	823080	40.19	ng	100
77) Pyrene	12.73	202	791502	49.48	ng	99
79) Butylbenzylphthalate	13.34	149	412170	57.22	ng	# 67
80) Benzo(a)anthracene	13.92	228	573790	42.88	ng	99
81) 3,3'-Dichlorobenzidine	13.88	252	24030	2.46	ng	97
82) Chrysene	13.96	228	562332	43.62	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	514198	53.78	ng	99
84) Di-n-octyl phthalate	14.52	149	861227	56.41	ng	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	619278	59.21	ng	100
87) Benzo(b)fluoranthene	14.97	252	1109547	90.33	ng	# 97
88) Benzo(k)fluoranthene	14.97	252	1110119	102.06	ng	100
89) Benzo(a)pyrene	15.28	252	533567	49.03	ng	99
90) Dibenzo(a,h)anthracene	16.71	278	530723	60.61	ng	99
91) Benzo(g,h,i)perylene	17.11	276	499387	58.93	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

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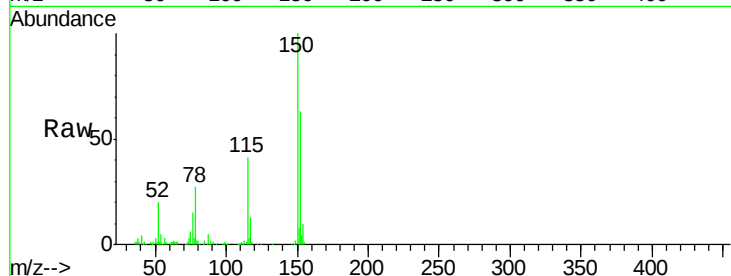
Tgt Ion:152 Resp: 114636

Ion Ratio Lower Upper

152 100

150 159.8 124.2 186.2

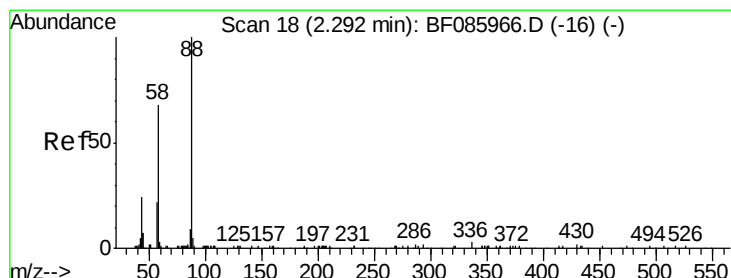
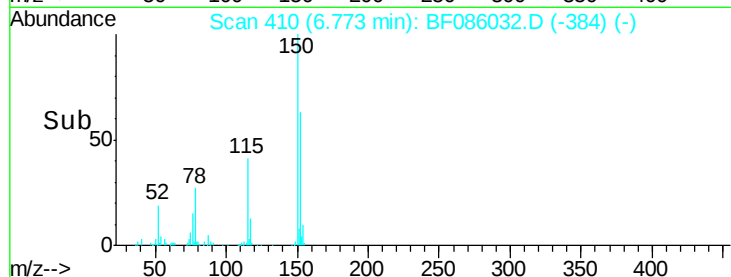
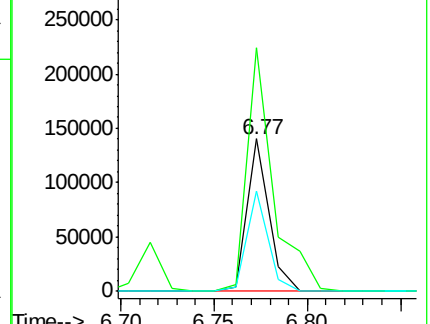
115 65.6 47.0 70.6



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: 37.37 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.21 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

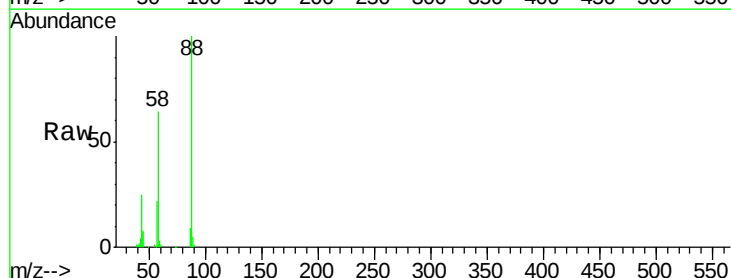
Tgt Ion: 88 Resp: 118815

Ion Ratio Lower Upper

88 100

58 68.2 54.2 81.2

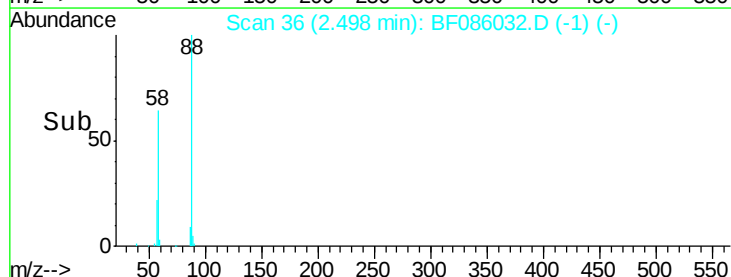
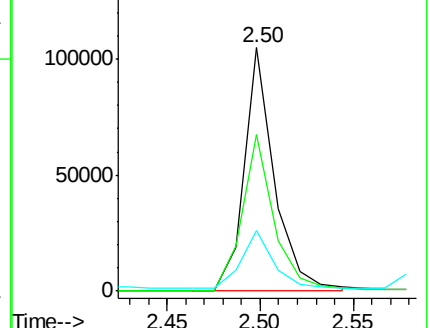
43 0.0 19.3 28.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.57 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.18 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

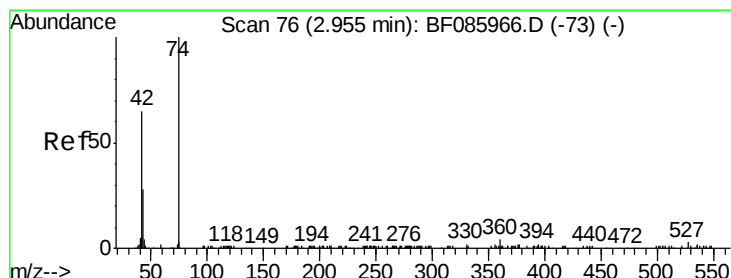
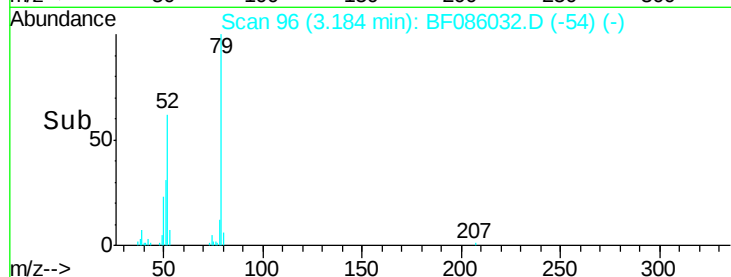
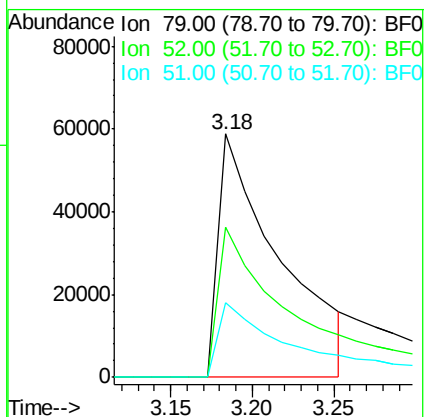
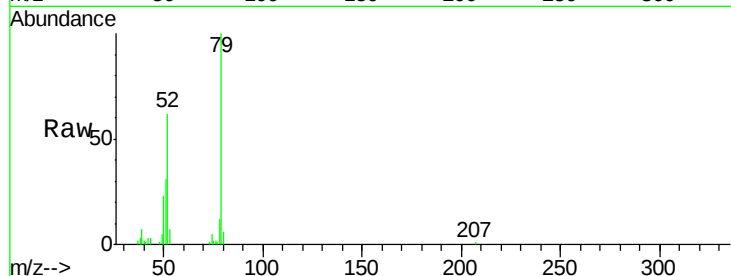
Tgt Ion: 79 Resp: 153526

Ion Ratio Lower Upper

79 100

52 61.8 49.8 74.6

51 30.9 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 45.35 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.15 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

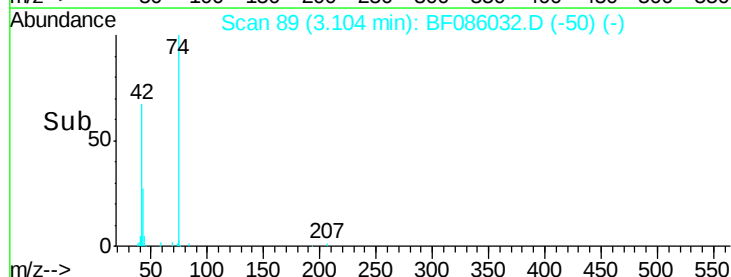
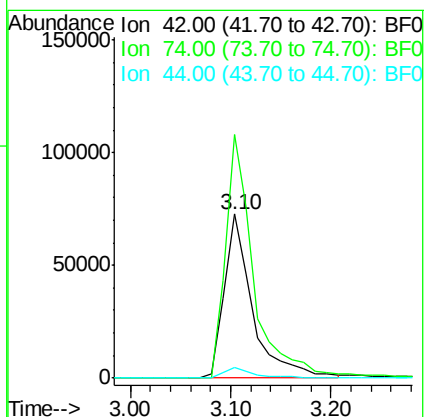
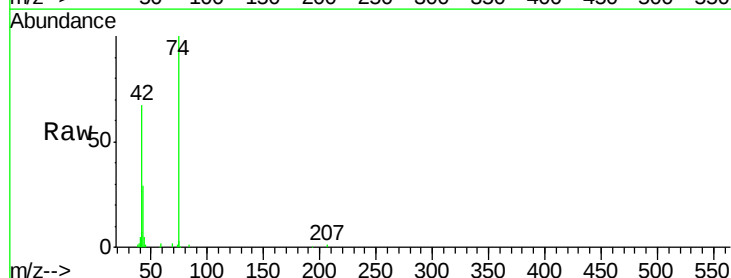
Tgt Ion: 42 Resp: 141939

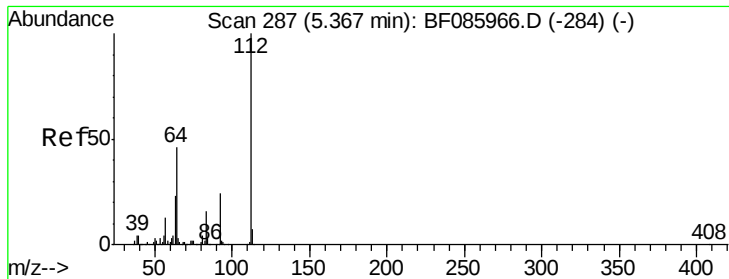
Ion Ratio Lower Upper

42 100

74 148.7 121.4 182.2

44 6.9 5.6 8.4





#5

2-Fluorophenol

Concen: 117.75 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

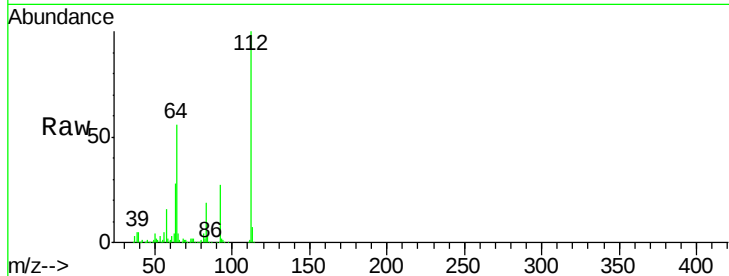
Instrument :

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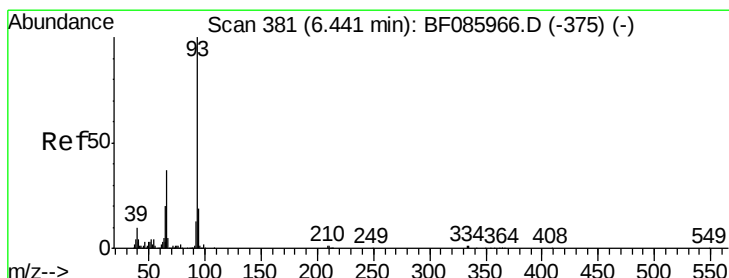
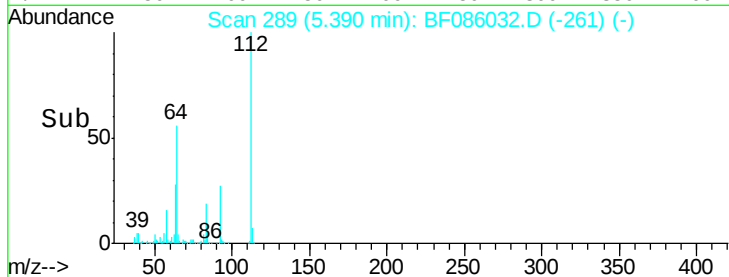
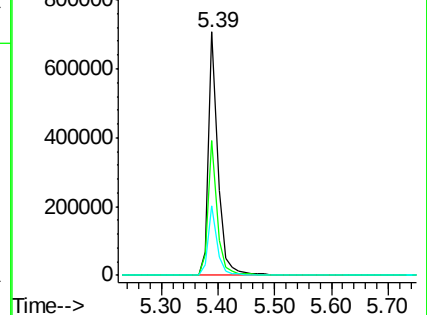
Tgt Ion:	112	Resp:	789714
Ion	Ratio	Lower	Upper
112	100		
64	55.6	39.9	59.9
63	28.4	20.2	30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.42 ng

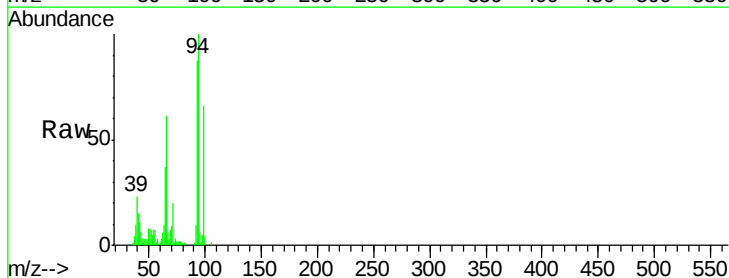
RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

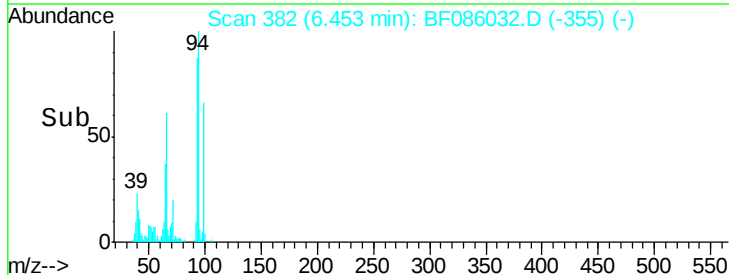
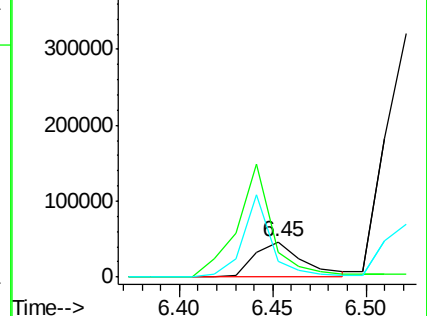
Tgt Ion:	93	Resp:	82968
Ion	Ratio	Lower	Upper
93	100		
66	70.6	31.4	47.2#
65	43.1	15.7	23.5#

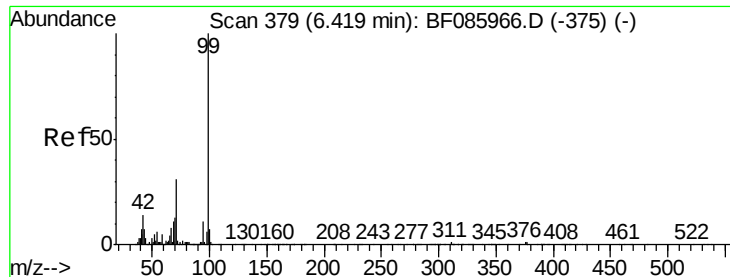


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.13 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

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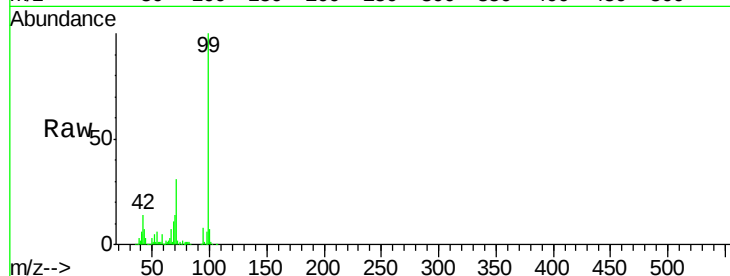
Tgt Ion: 99 Resp: 1014814

Ion Ratio Lower Upper

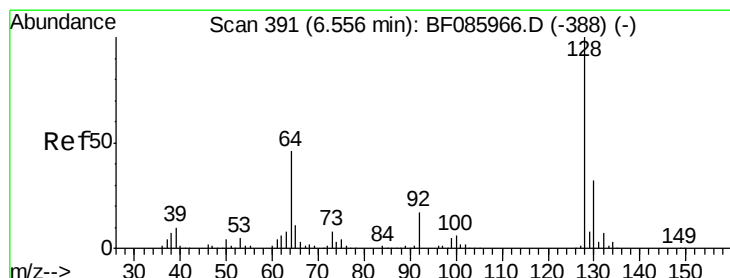
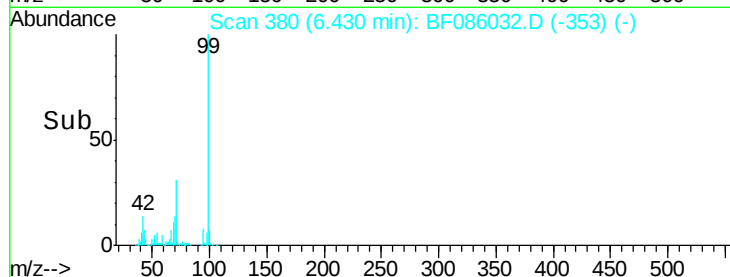
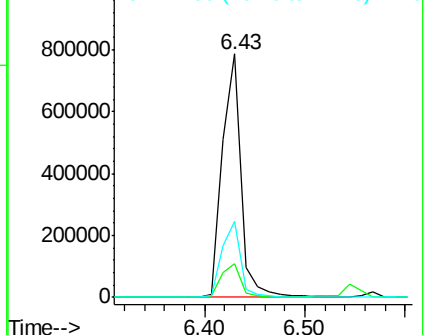
99 100

42 13.6 11.1 16.7

71 31.3 24.9 37.3



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: 42.86 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

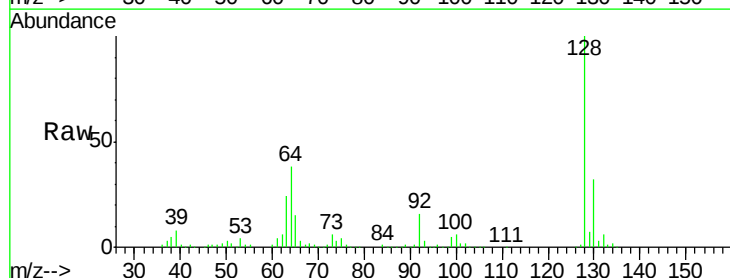
Tgt Ion: 128 Resp: 342815

Ion Ratio Lower Upper

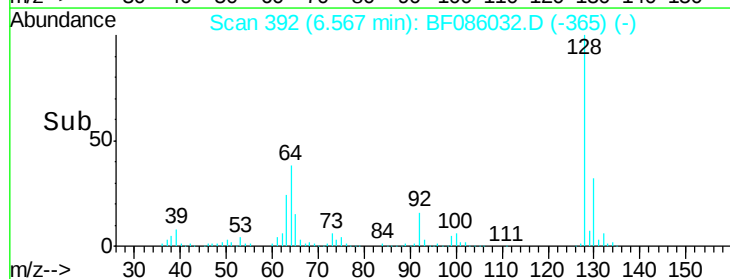
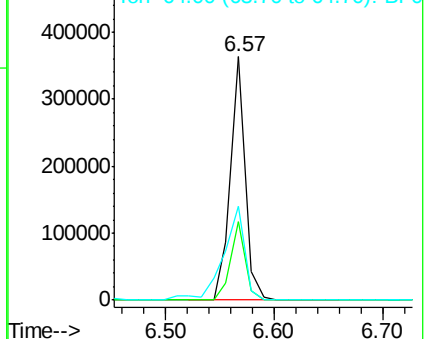
128 100

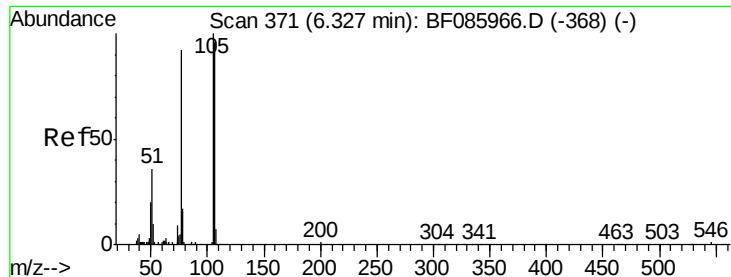
130 32.3 12.9 52.9

64 38.4 20.2 60.2



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: 9.88 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.00 min

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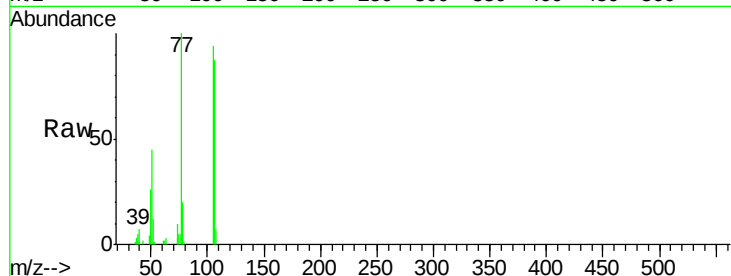
Tgt Ion: 77 Resp: 45279

Ion Ratio Lower Upper

77 100

105 93.6 80.1 120.1

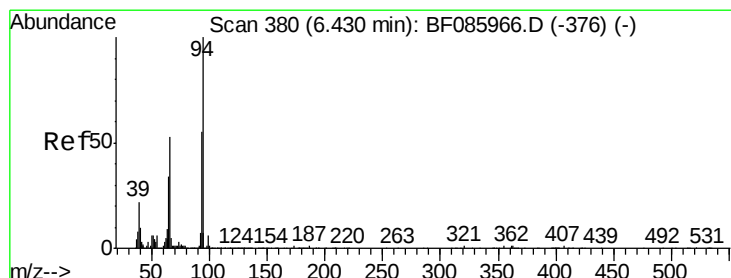
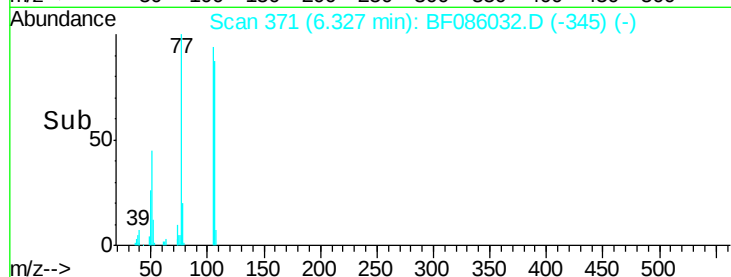
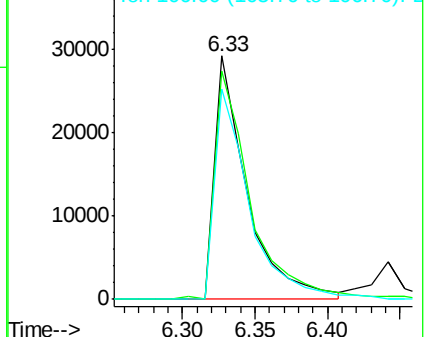
106 86.5 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.86 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

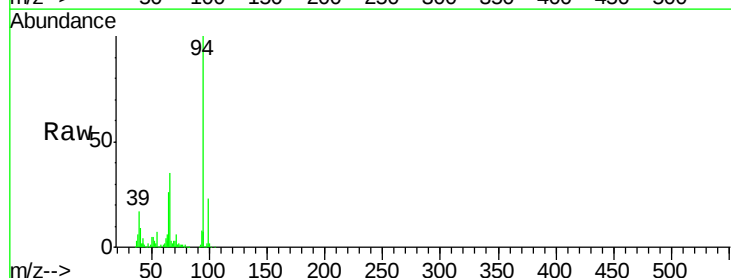
Tgt Ion: 94 Resp: 397020

Ion Ratio Lower Upper

94 100

65 25.7 8.6 48.6

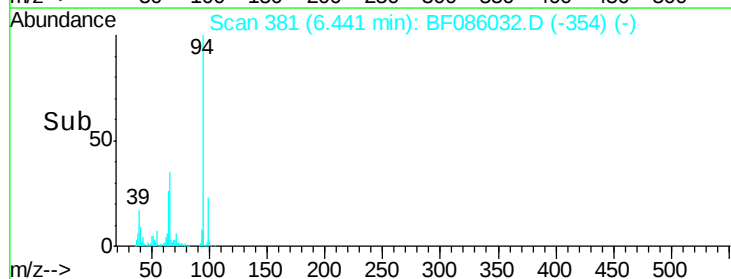
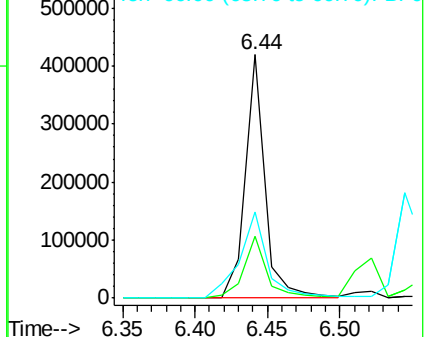
66 35.4 20.0 60.0

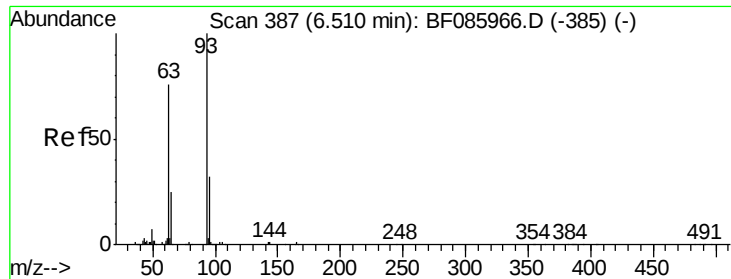


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

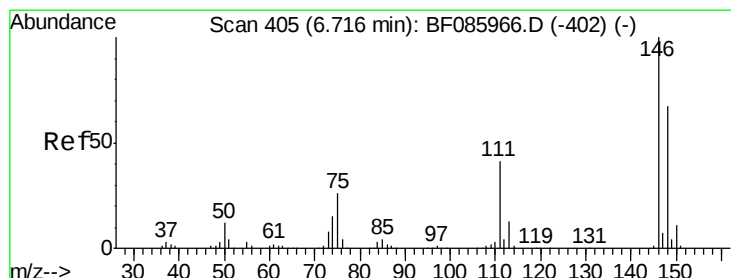
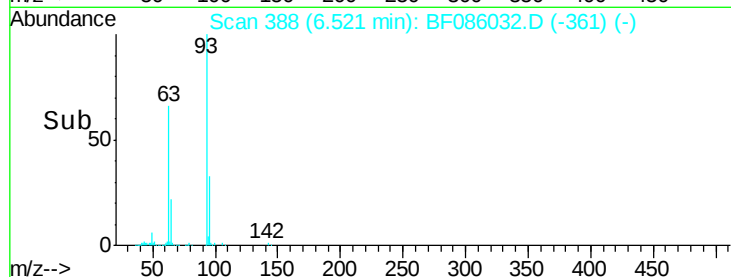
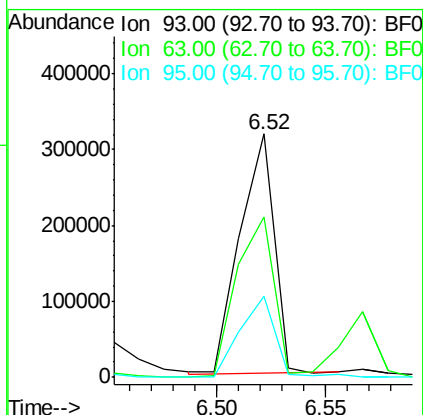
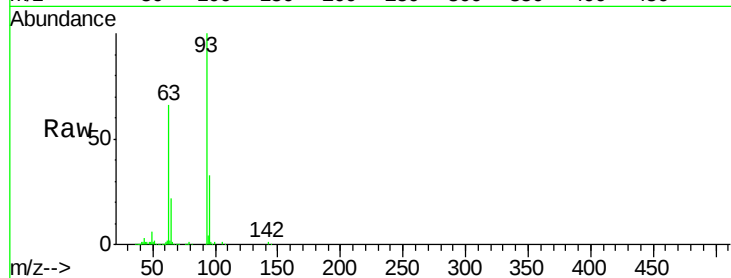




#11
bis(2-Chloroethyl)ether
Concen: 44.95 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

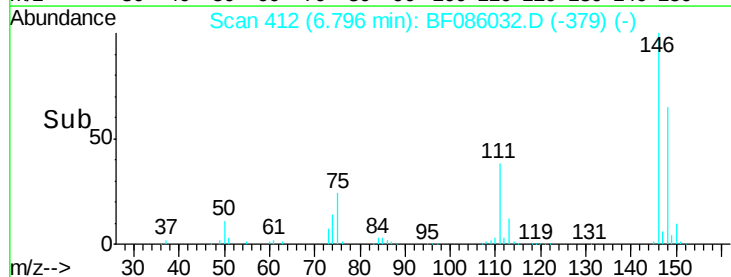
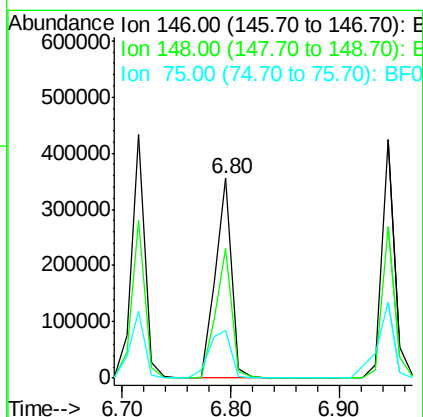
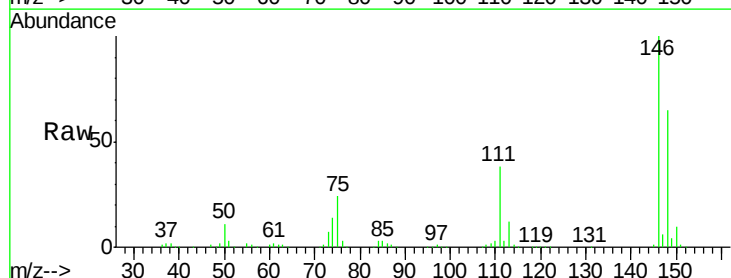
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

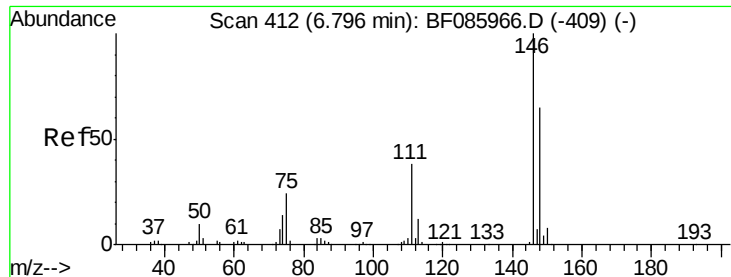
Tgt Ion:	93	Resp:	345847
Ion	Ratio	Lower	Upper
93	100		
63	65.7	50.9	90.9
95	33.2	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 44.10 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.08 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Tgt Ion:	146	Resp:	373862
Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.3	78.5
75	24.1	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 42.81 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

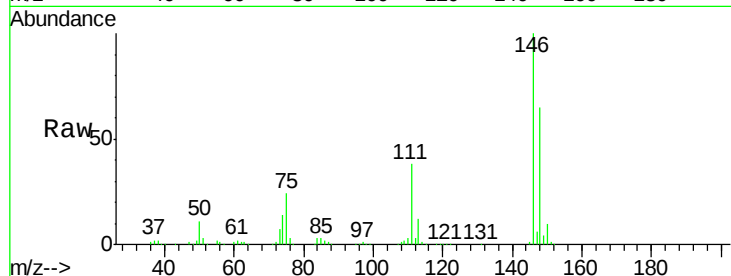
Tgt Ion:146 Resp: 373862

Ion Ratio Lower Upper

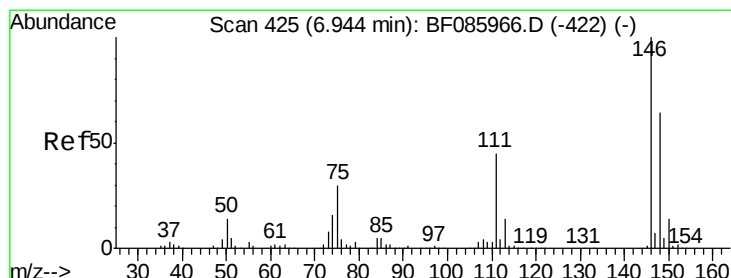
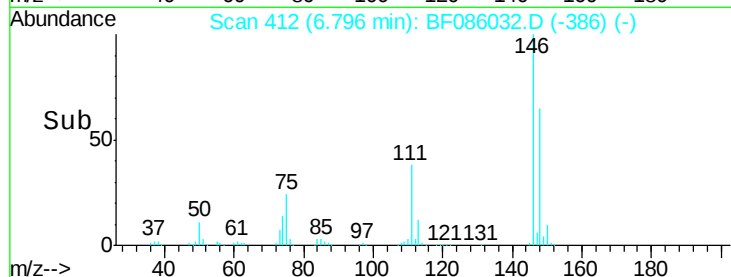
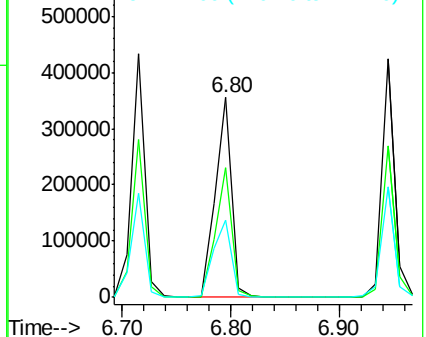
146 100

148 64.8 50.6 76.0

111 38.4 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.33 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

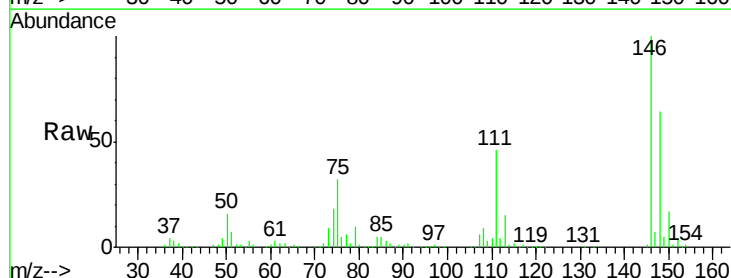
Tgt Ion:146 Resp: 348279

Ion Ratio Lower Upper

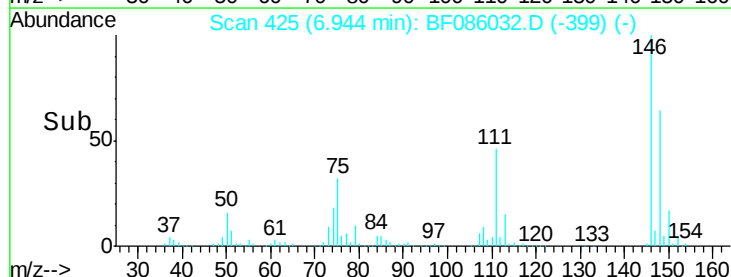
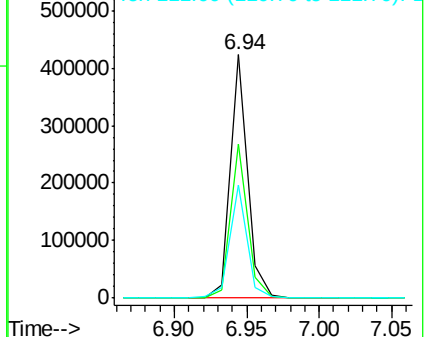
146 100

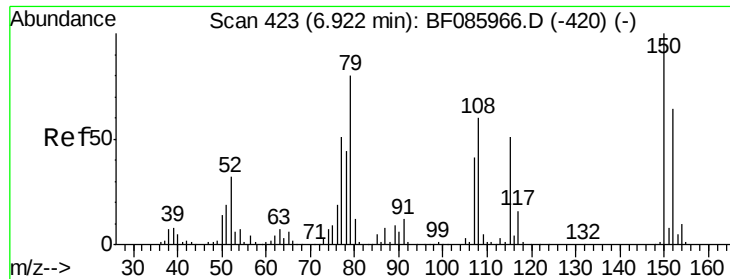
148 63.5 51.4 77.2

111 46.2 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

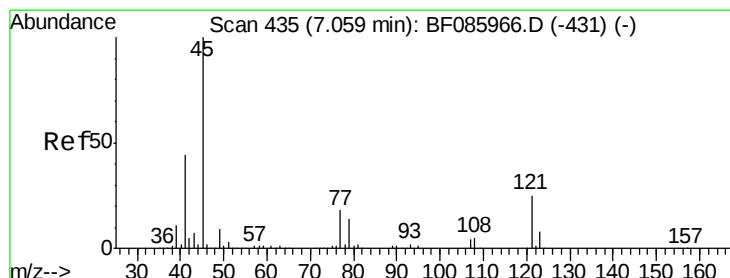
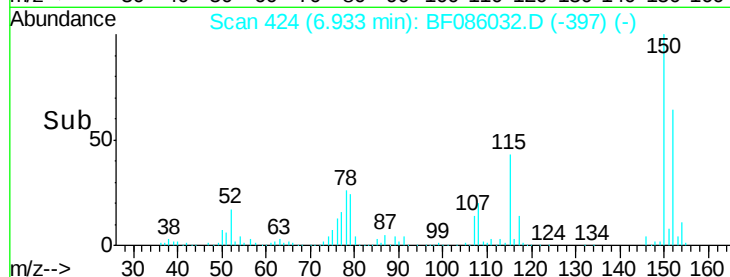
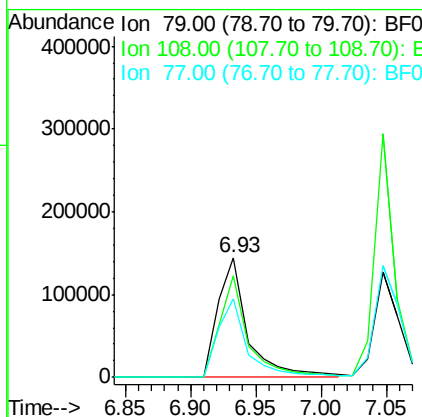
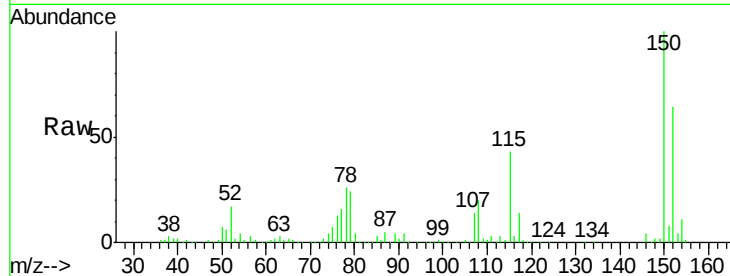




#15
Benzyl Alcohol
Concen: 42.30 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

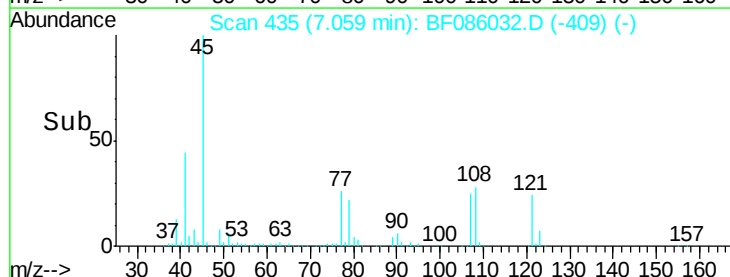
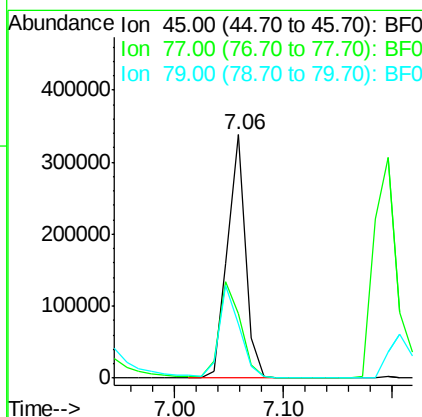
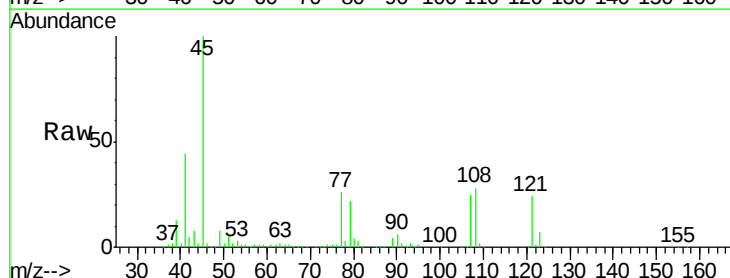
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

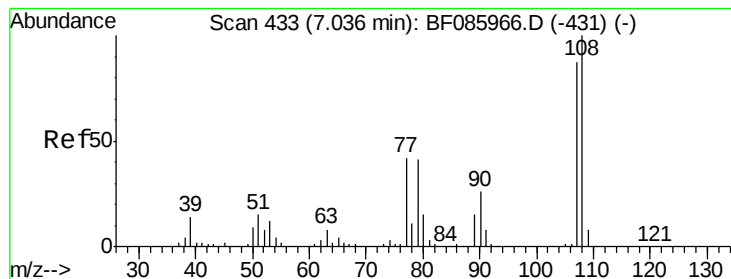
Tgt Ion: 79 Resp: 233131
Ion Ratio Lower Upper
79 100
108 84.5 61.8 92.6
77 65.7 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.28 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Tgt Ion: 45 Resp: 388065
Ion Ratio Lower Upper
45 100
77 26.4 0.0 35.7
79 22.2 0.0 32.2

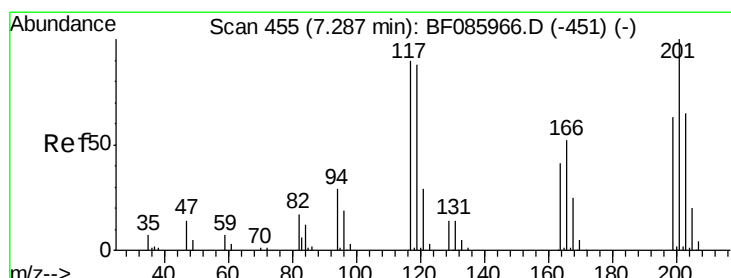
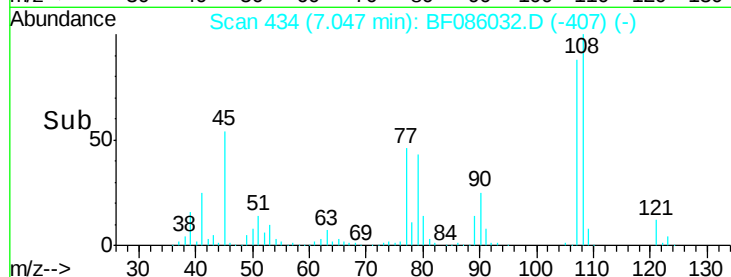
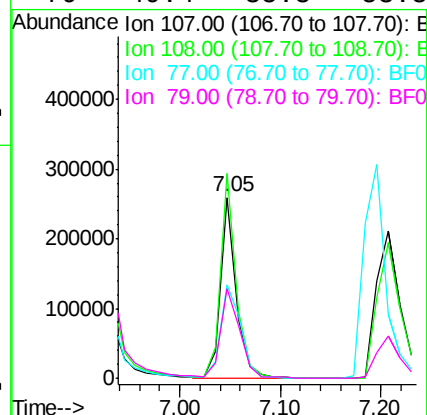
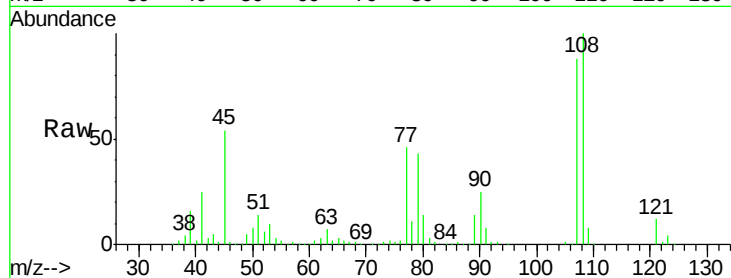




#17
 2-Methylphenol
 Concen: 44.74 ng
 RT: 7.05 min Scan# 434
 Delta R.T. 0.01 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

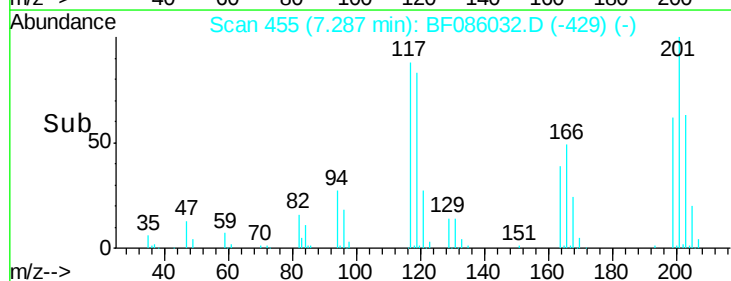
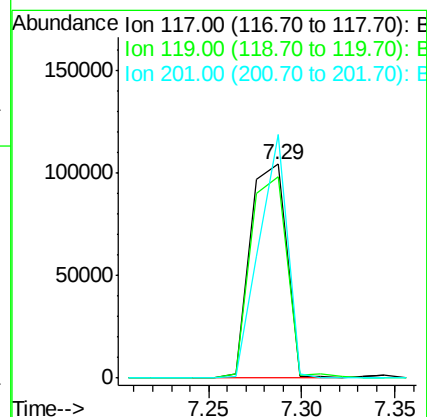
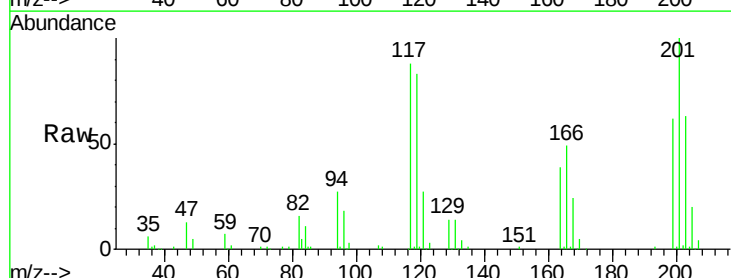
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

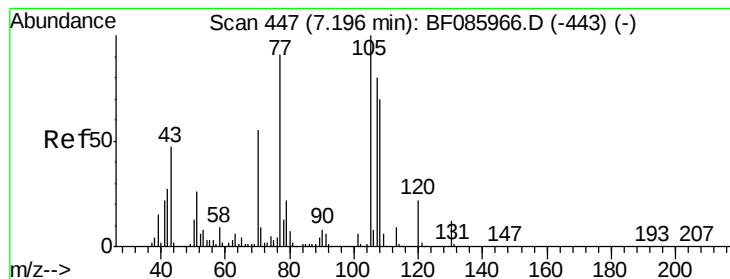
Tgt Ion:	107	Resp:	282160
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.4	137.0
77	52.0	36.2	54.2
79	49.4	35.8	53.8



#18
 Hexachloroethane
 Concen: 43.64 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Tgt Ion:	117	Resp:	140187
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.7	115.1
201	113.9	83.3	124.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.15 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

Tgt Ion: 70 Resp: 222551

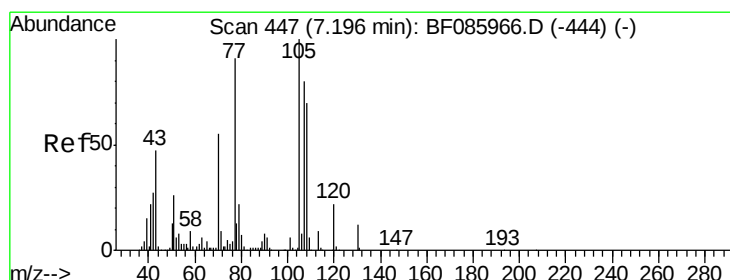
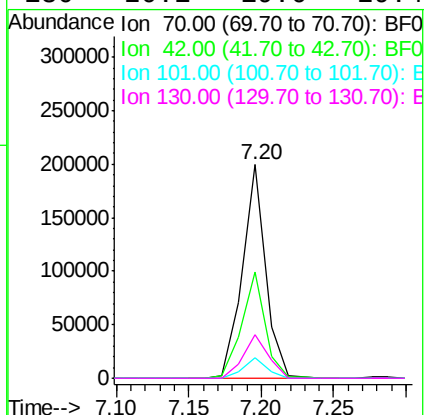
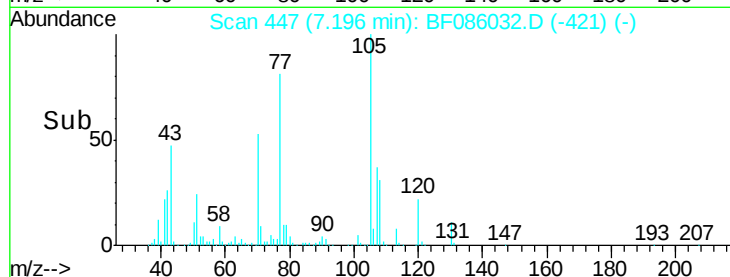
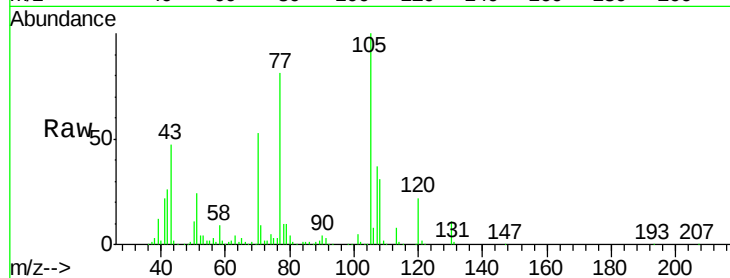
Ion Ratio Lower Upper

70 100

42 49.6 37.1 55.7

101 9.6 8.6 12.8

130 20.1 19.6 29.4



#20

3+4-Methylphenols

Concen: 46.53 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Tgt Ion: 107 Resp: 356892

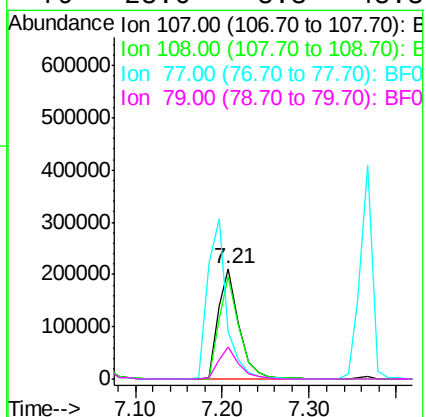
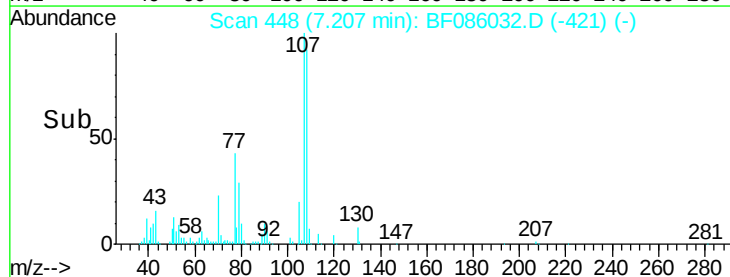
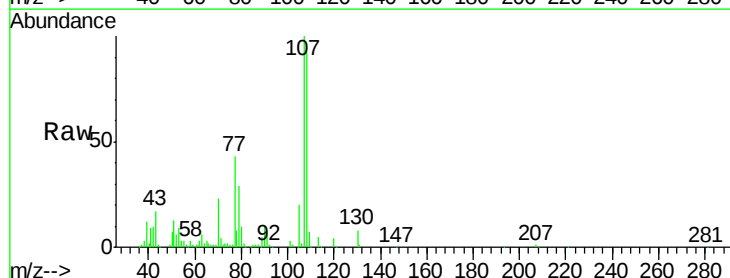
Ion Ratio Lower Upper

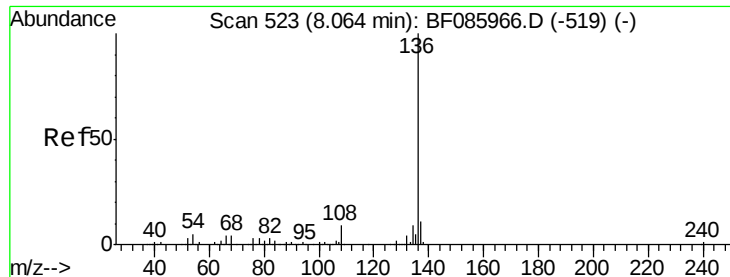
107 100

108 92.3 69.3 109.3

77 43.2 101.7 141.7#

79 28.6 8.3 48.3

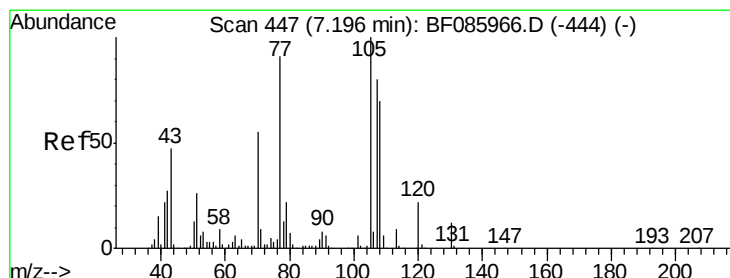
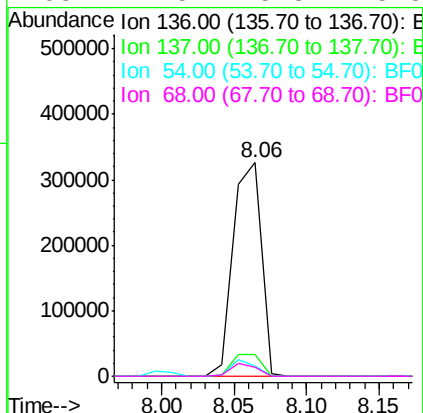
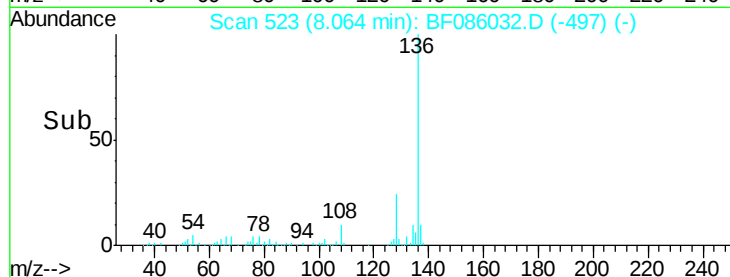
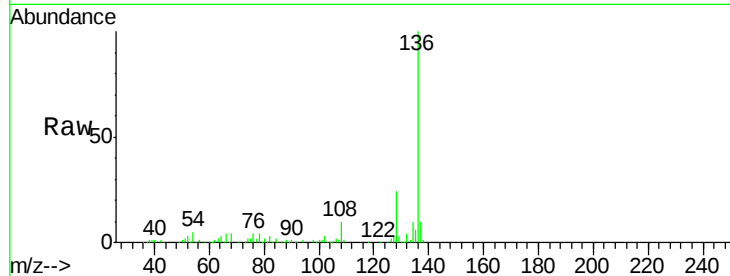




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

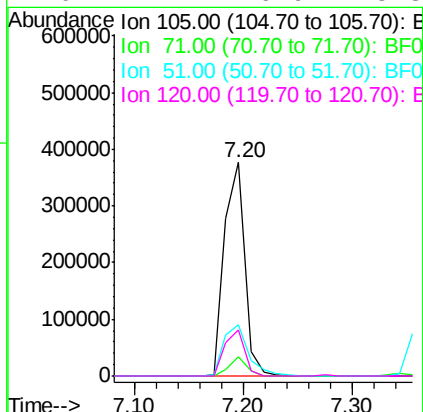
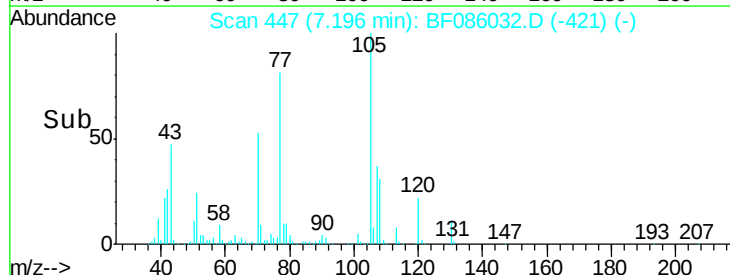
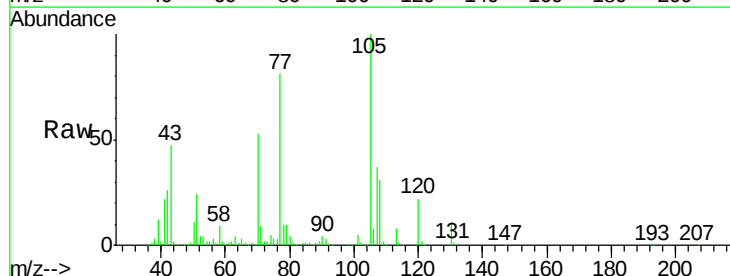
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

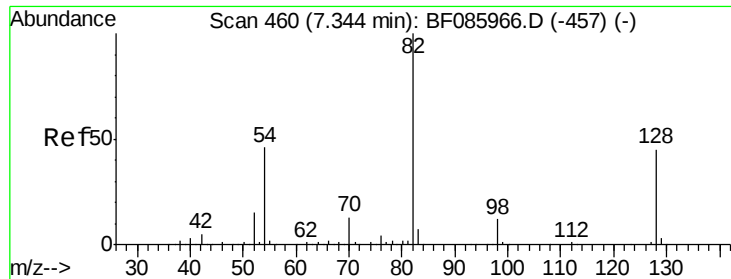
Tgt Ion:	136	Resp:	440330
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	4.9	7.4	11.0#
68	4.5	5.8	8.8#



#22
Acetophenone
Concen: 47.01 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Tgt Ion:	105	Resp:	486590
Ion	Ratio	Lower	Upper
105	100		
71	8.9	3.6	5.4#
51	24.0	25.4	38.0#
120	21.7	16.9	25.3

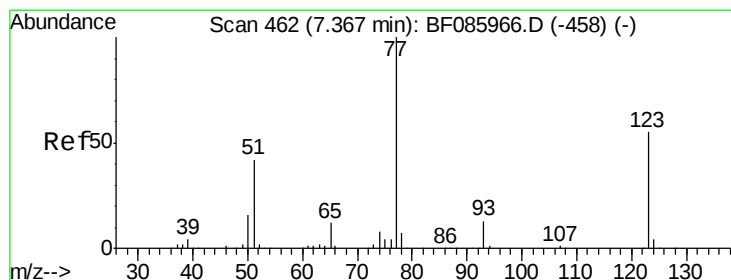
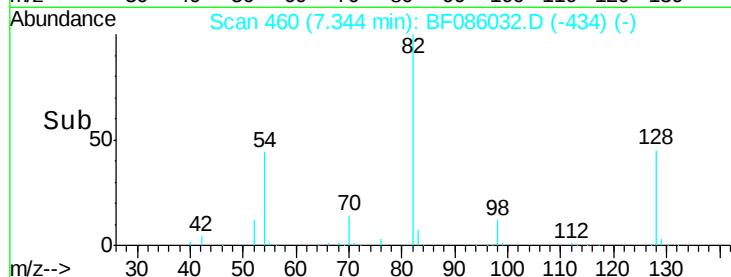
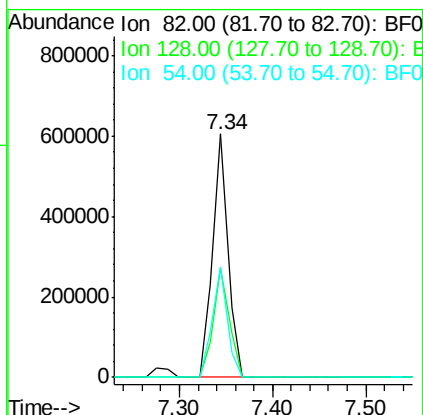
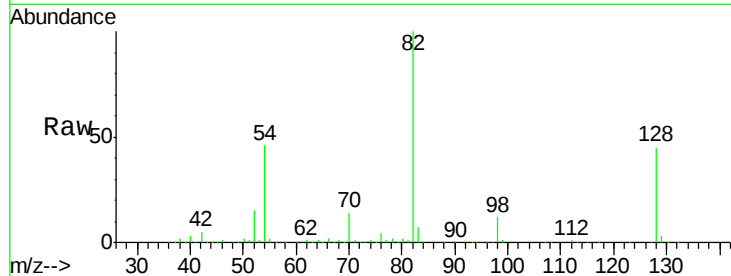




#23
 Nitrobenzene-d5
 Concen: 93.34 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

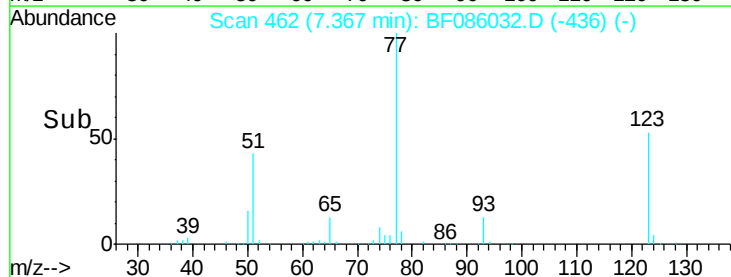
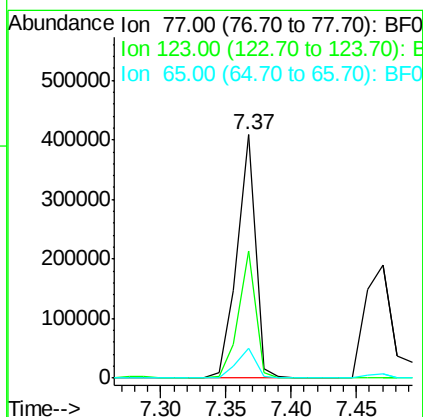
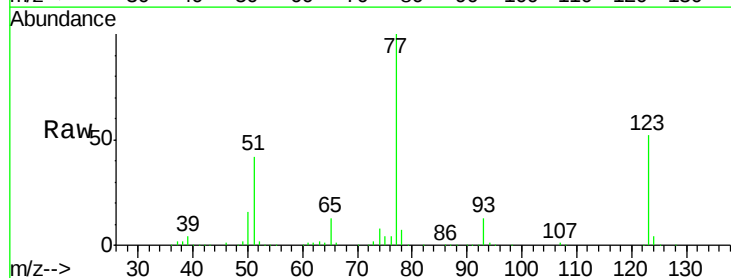
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

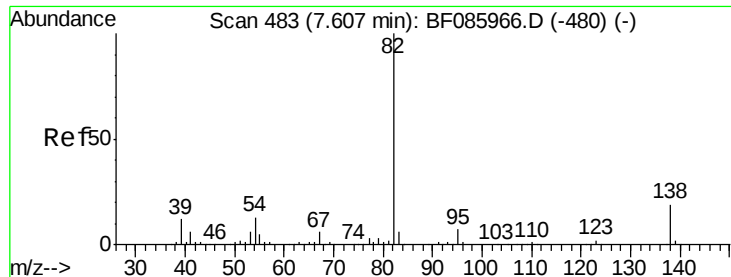
Tgt Ion: 82 Resp: 696934
 Ion Ratio Lower Upper
 82 100
 128 44.9 41.8 62.8
 54 45.5 33.4 50.0



#24
 Nitrobenzene
 Concen: 48.97 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Tgt Ion: 77 Resp: 400062
 Ion Ratio Lower Upper
 77 100
 123 52.2 35.0 52.4
 65 12.5 10.6 16.0





#25

Isophorone

Concen: 46.80 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

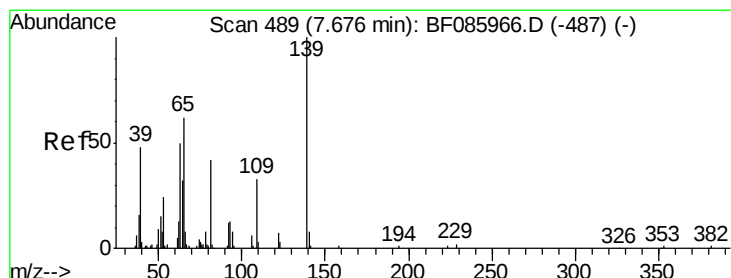
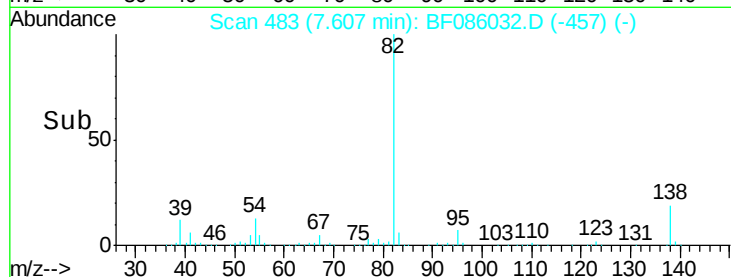
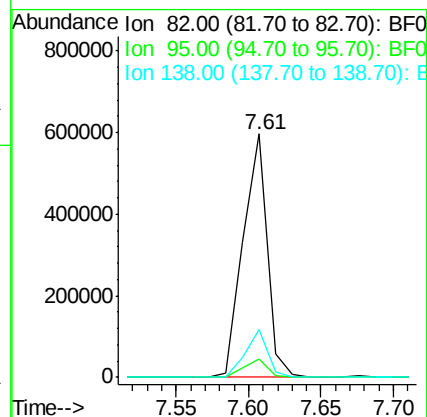
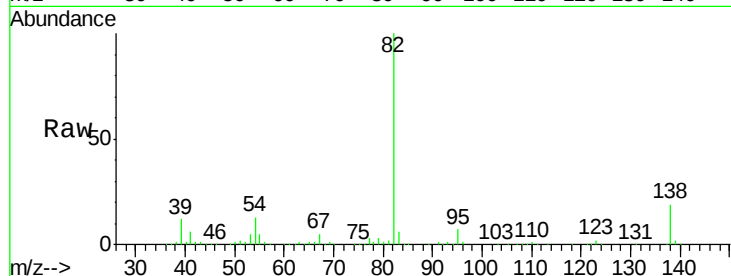
Tgt Ion: 82 Resp: 689859

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 19.5 12.9 19.3#



#26

2-Nitrophenol

Concen: 46.50 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

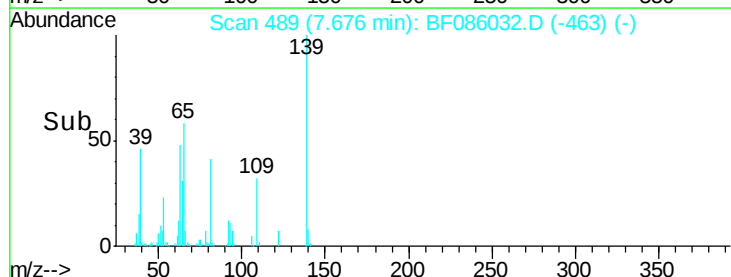
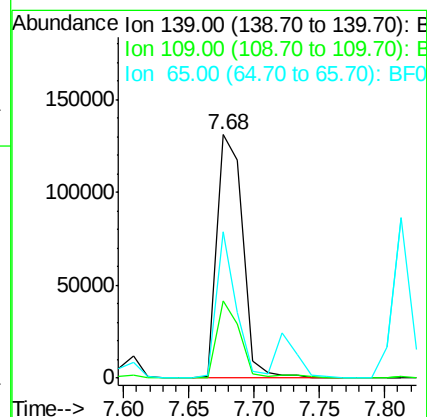
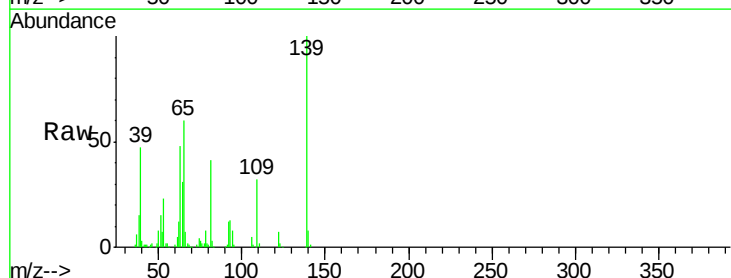
Tgt Ion: 139 Resp: 181730

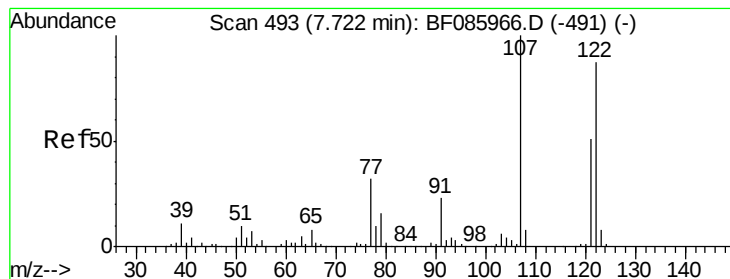
Ion Ratio Lower Upper

139 100

109 31.9 22.1 33.1

65 60.0 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 42.38 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

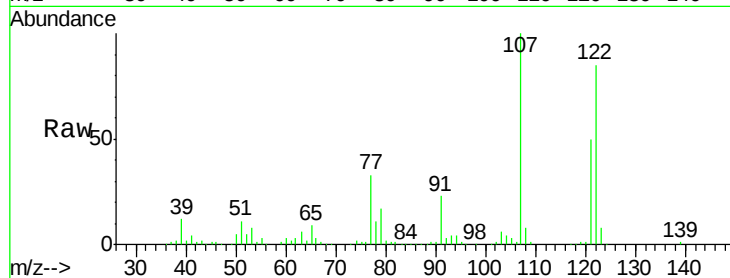
Tgt Ion:122 Resp: 297481

Ion Ratio Lower Upper

122 100

107 117.9 93.0 139.6

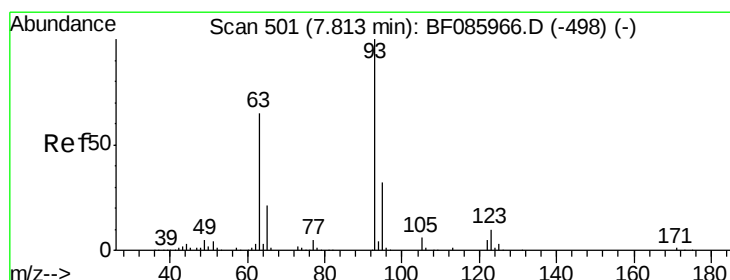
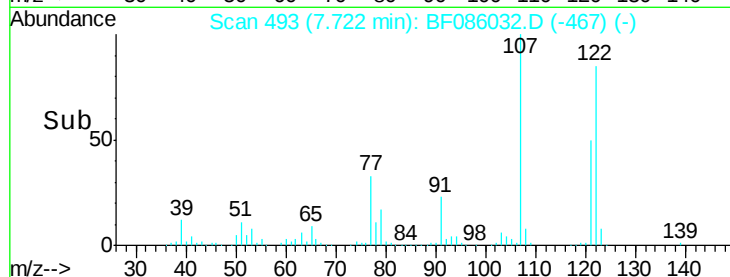
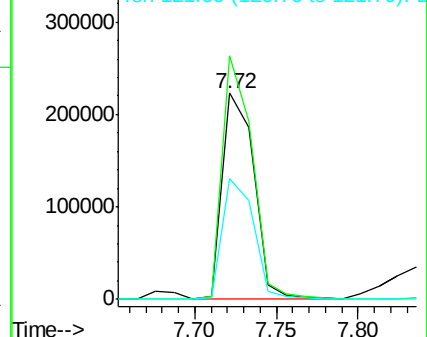
121 58.6 45.9 68.9



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: 46.67 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

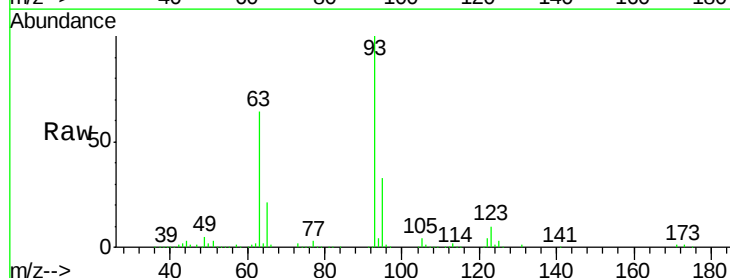
Tgt Ion: 93 Resp: 403649

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

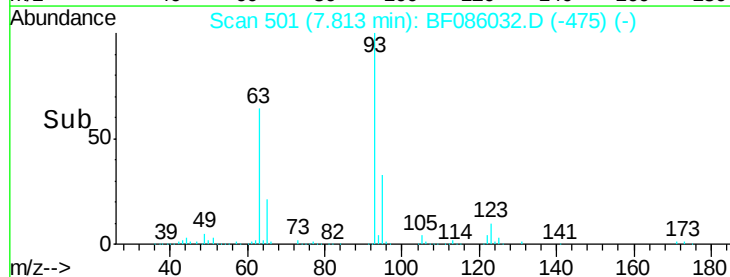
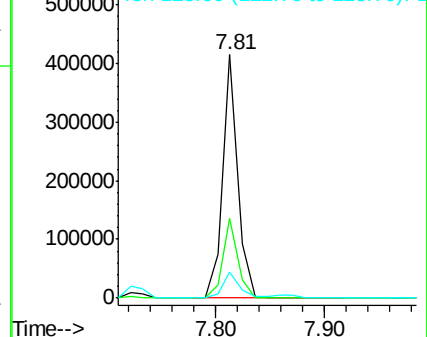
123 10.4 9.8 14.6

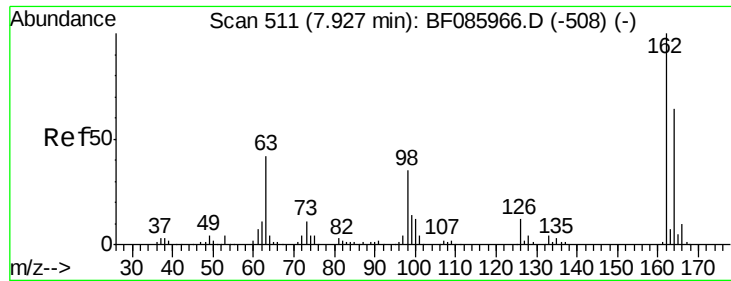


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

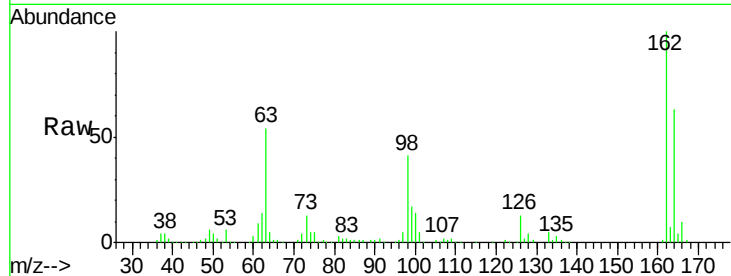




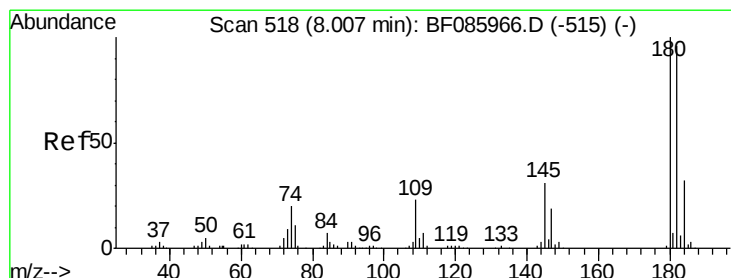
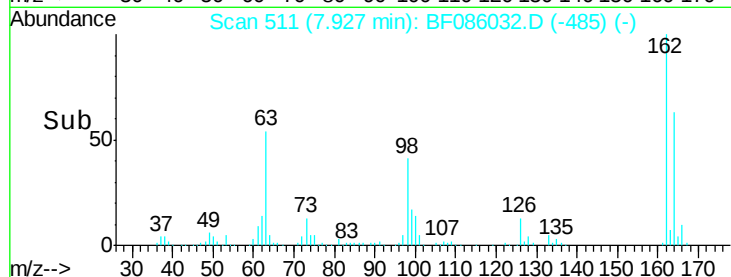
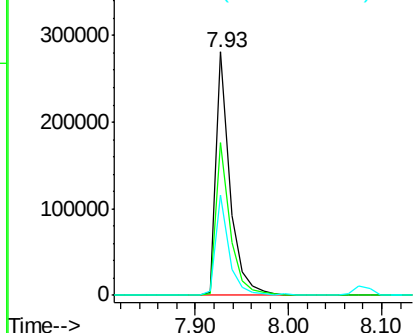
#29
 2,4-Dichlorophenol
 Concen: 48.92 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:162 Resp: 290288
 Ion Ratio Lower Upper
 162 100
 164 62.5 43.7 83.7
 98 41.2 20.4 60.4

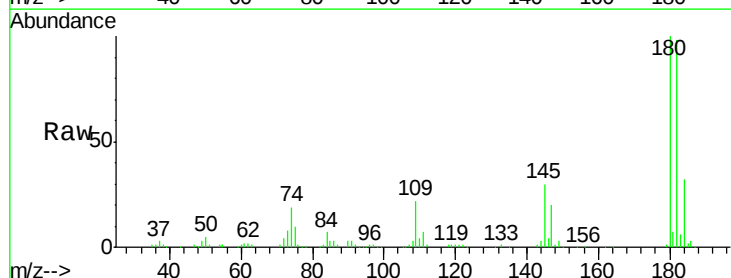


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

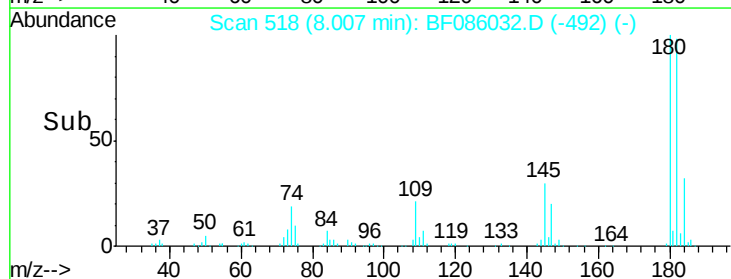
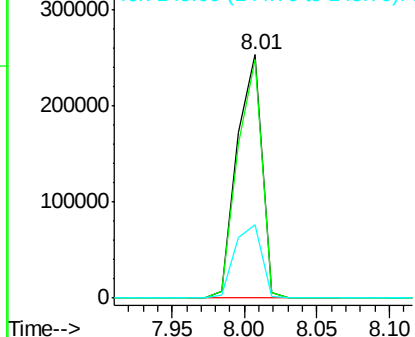


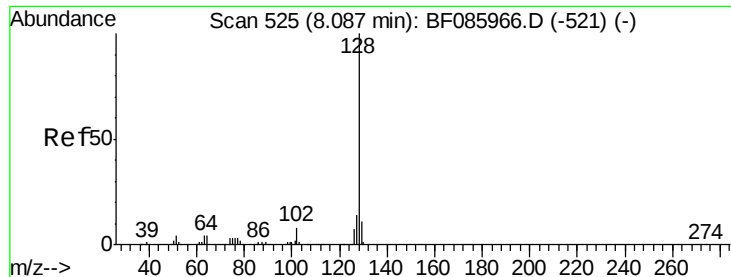
#30
 1,2,4-Trichlorobenzene
 Concen: 45.35 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Tgt Ion:180 Resp: 302084
 Ion Ratio Lower Upper
 180 100
 182 98.0 73.8 110.8
 145 30.1 28.4 42.6



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

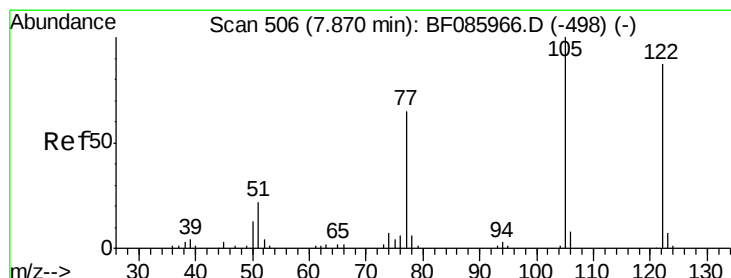
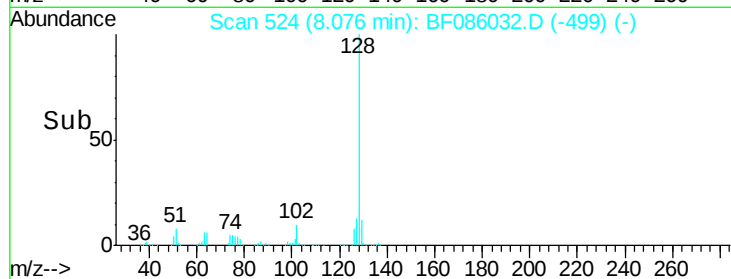
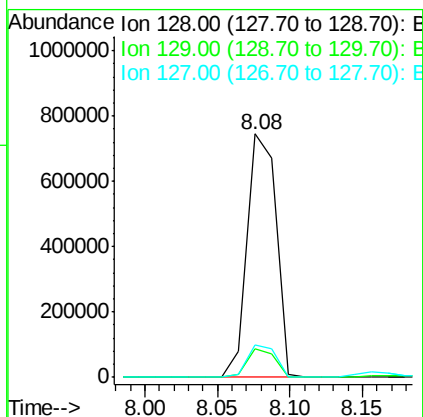
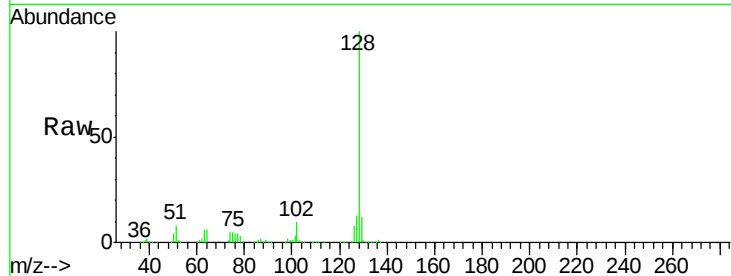




#31
Naphthalene
Concen: 46.71 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

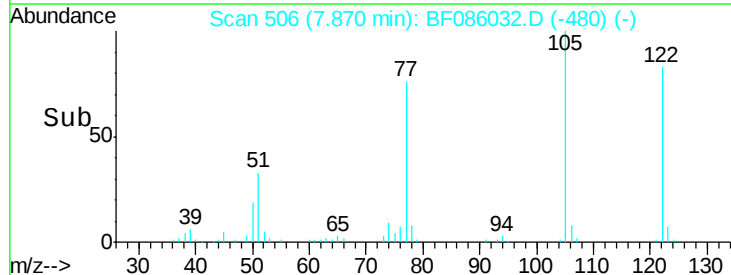
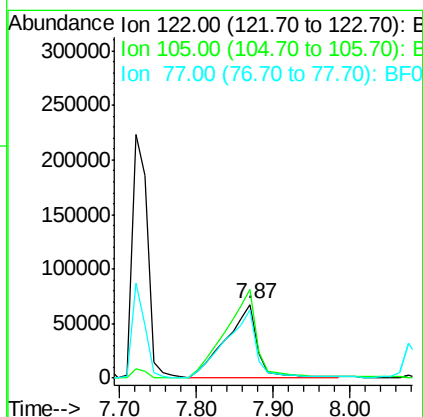
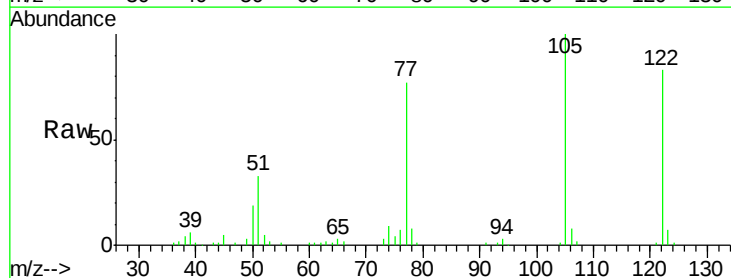
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

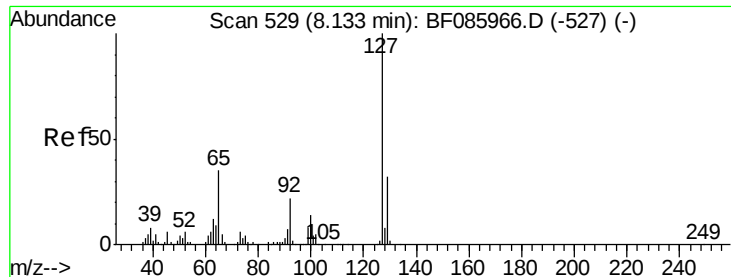
Tgt Ion:128 Resp: 1034538
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.5 11.0 16.6



#32
Benzoic acid
Concen: 37.13 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Tgt Ion:122 Resp: 191238
Ion Ratio Lower Upper
122 100
105 120.2 102.9 142.9
77 92.6 71.8 111.8

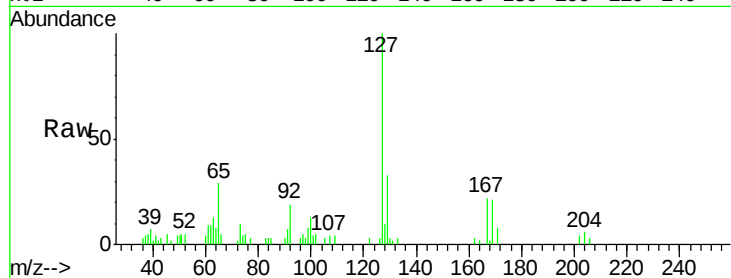




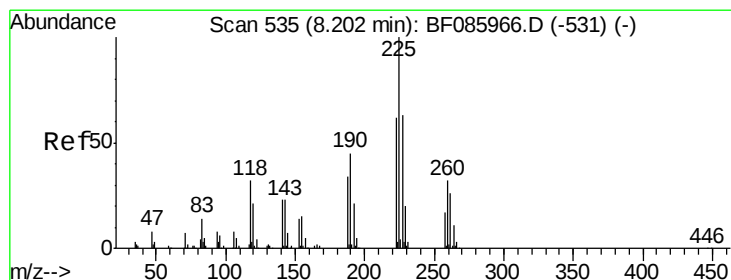
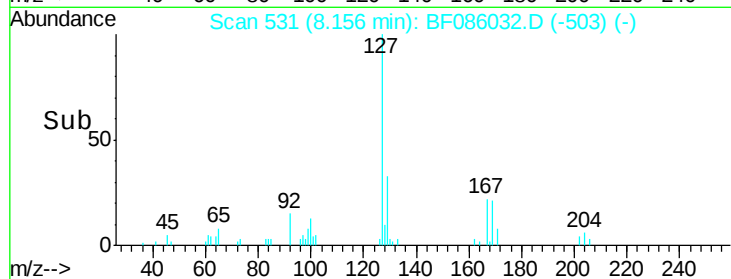
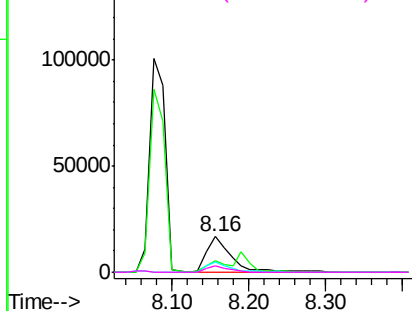
#33
4-Chloroaniline
Concen: 4.24 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.02 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tgt Ion:	127	Resp:	37899
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	29.0	19.5	29.3
92	19.3	14.6	22.0

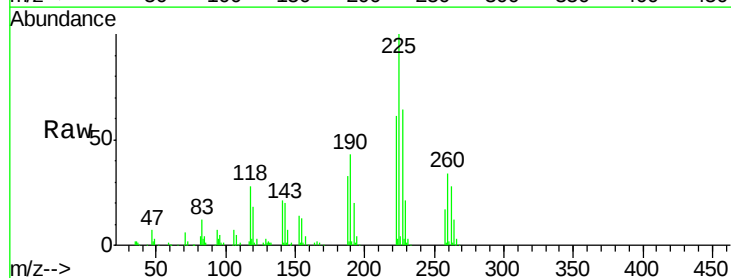


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

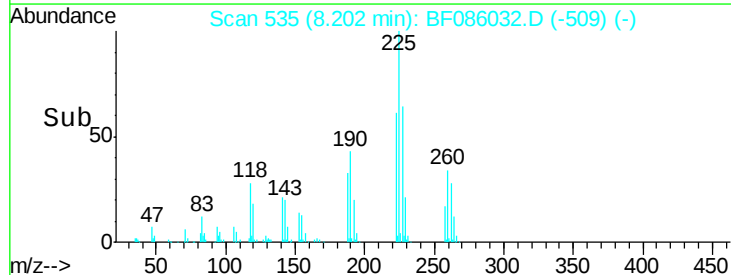
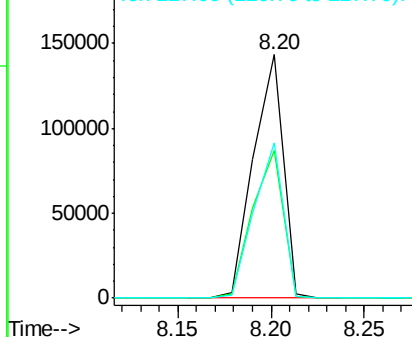


#34
Hexachlorobutadiene
Concen: 44.24 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Tgt Ion:	225	Resp:	158420
Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.4	75.6
227	63.8	51.4	77.2



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

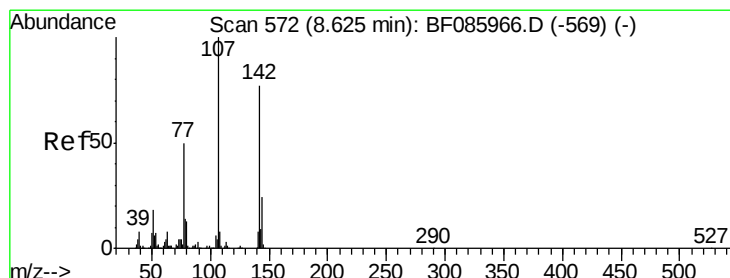
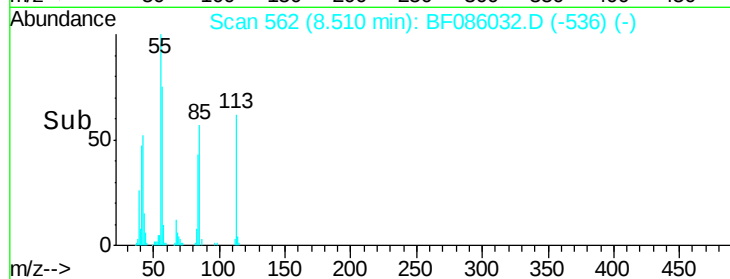
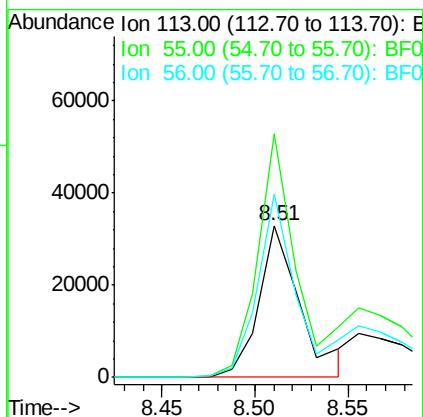
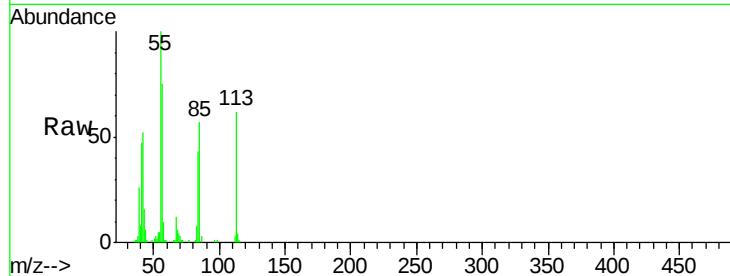




#35
 Caprolactam
 Concen: 26.72 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

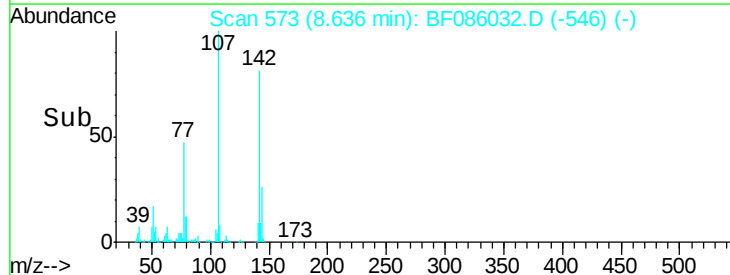
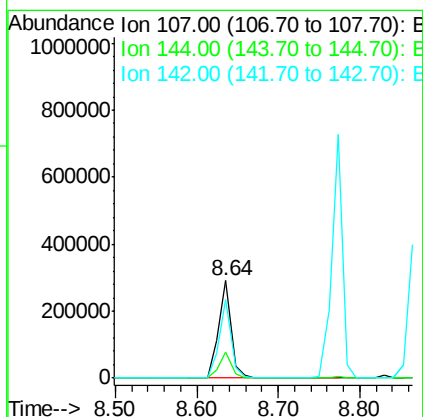
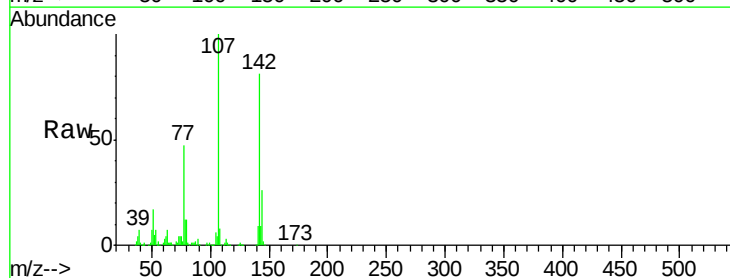
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

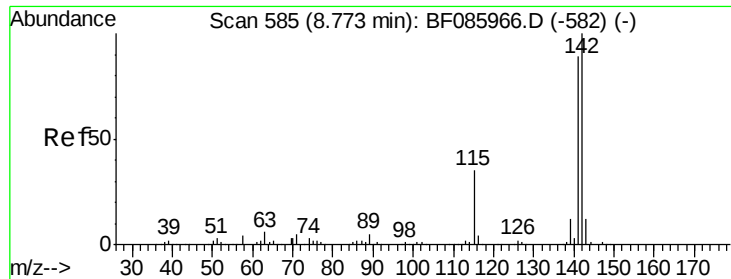
Tgt Ion:113 Resp: 50304
 Ion Ratio Lower Upper
 113 100
 55 160.4 139.4 179.4
 56 120.8 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.94 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Tgt Ion:107 Resp: 313117
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.3 28.9
 142 80.7 61.4 92.0

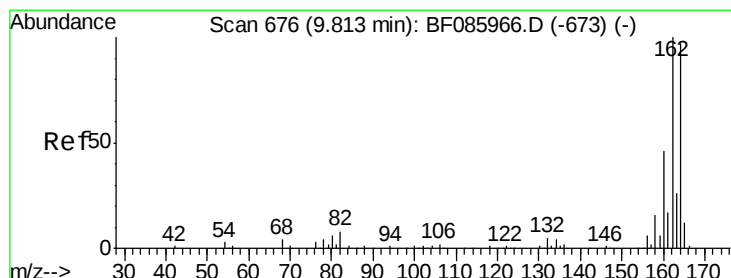
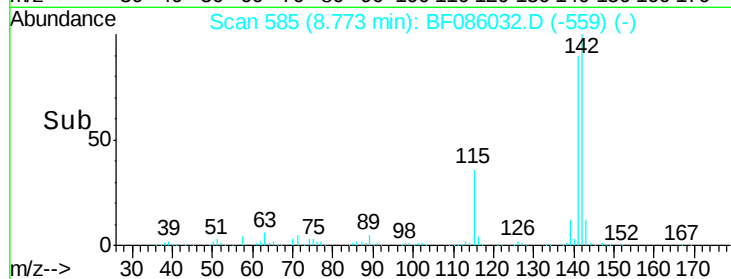
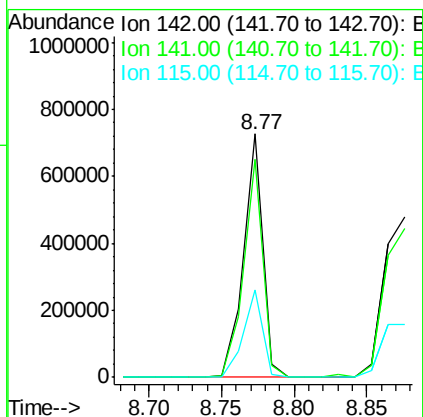
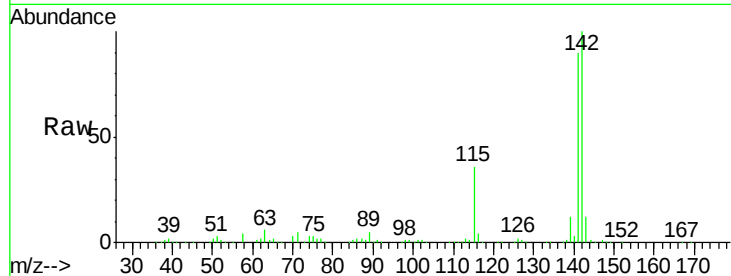




#37
 2-Methylnaphthalene
 Concen: 46.31 ng
 RT: 8.77 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

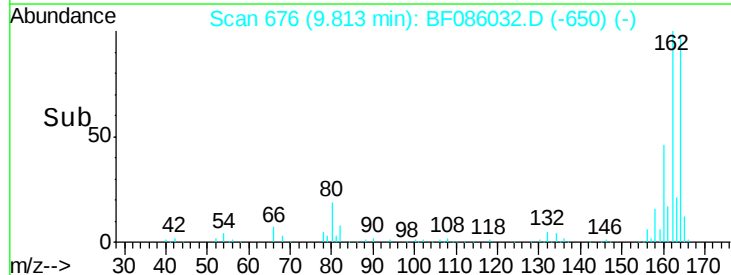
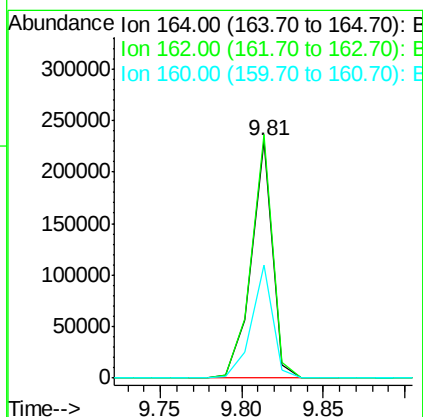
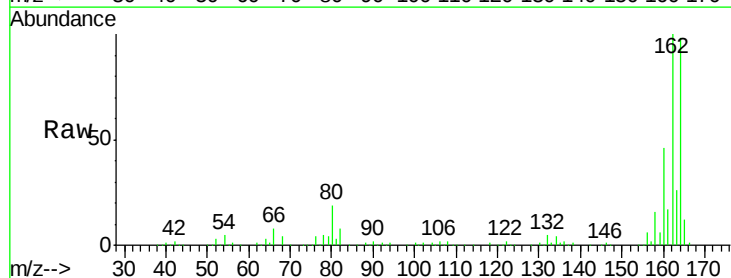
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

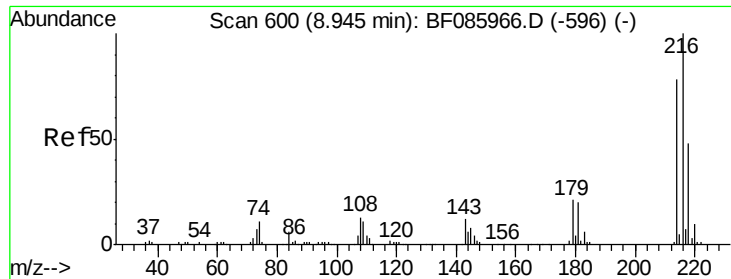
Tgt Ion:142 Resp: 670034
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.6 107.4
 115 36.1 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Tgt Ion:164 Resp: 206975
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.1 123.1
 160 47.4 37.4 56.2

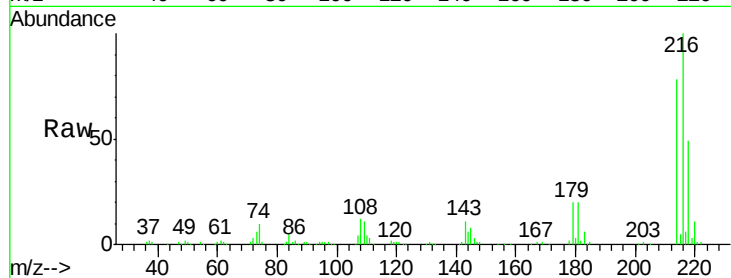




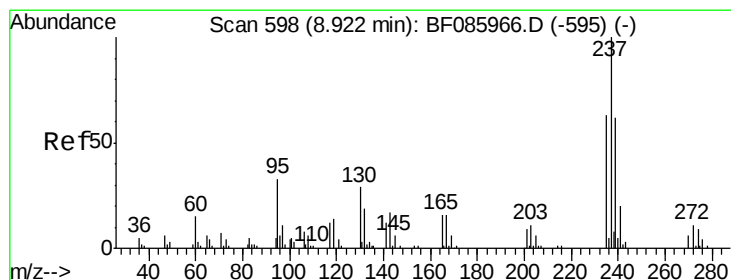
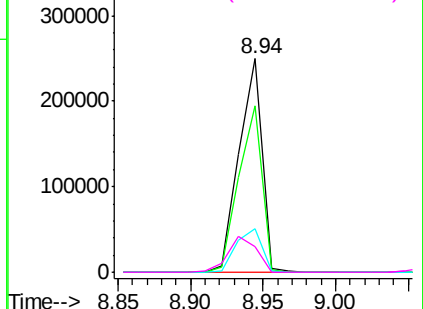
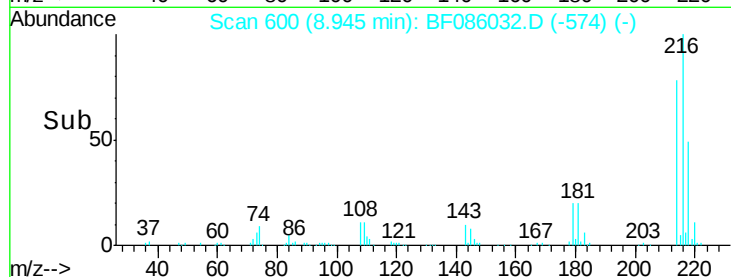
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.19 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:	216	Resp:	274872
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.1	94.7
179	22.9	18.2	27.2
108	21.4	17.3	25.9

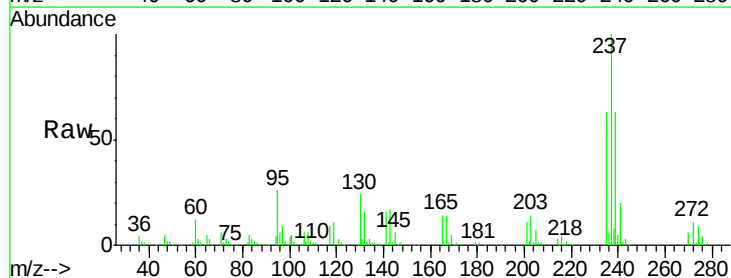


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

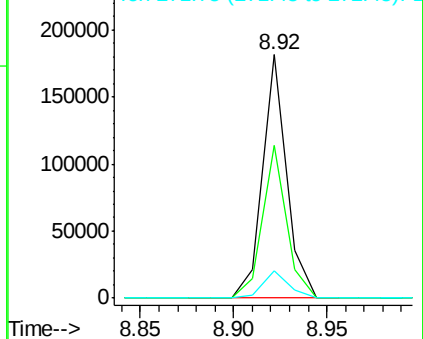
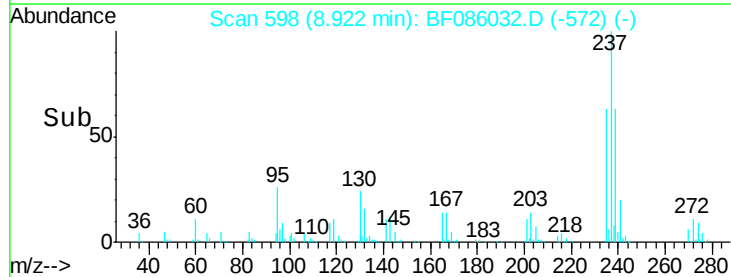


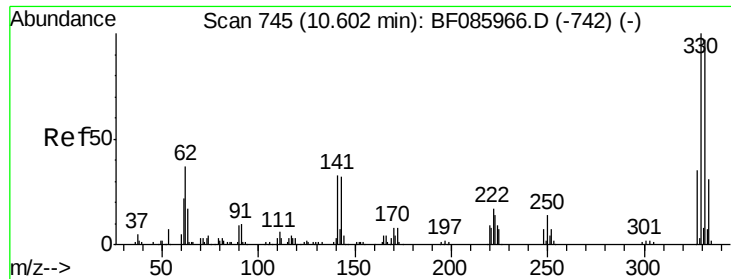
#40
 Hexachlorocyclopentadiene
 Concen: 74.78 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Tgt Ion:	237	Resp:	163877
Ion	Ratio	Lower	Upper
237	100		
235	62.7	43.7	83.7
272	11.5	0.0	31.9



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

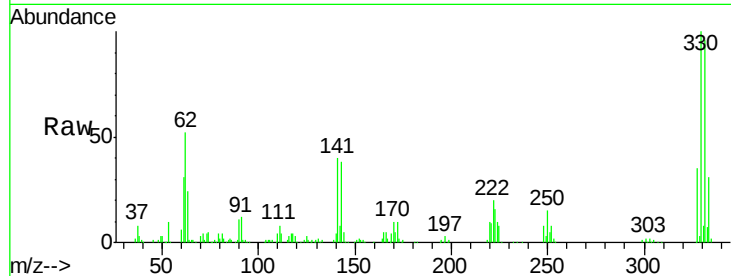




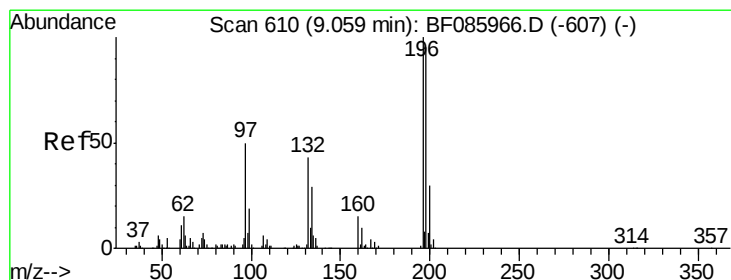
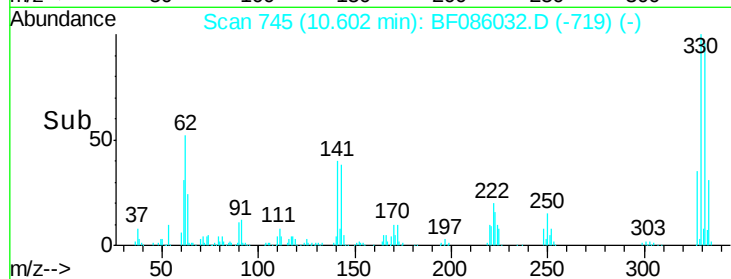
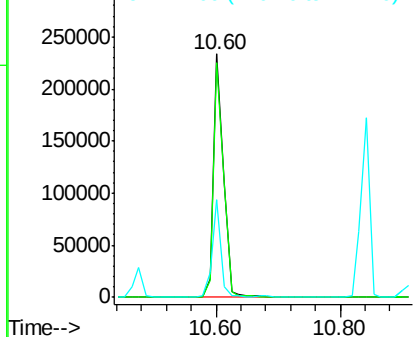
#41
 2,4,6-Tribromophenol
 Concen: 132.87 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:330 Resp: 258126
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 35.4 31.5 47.3

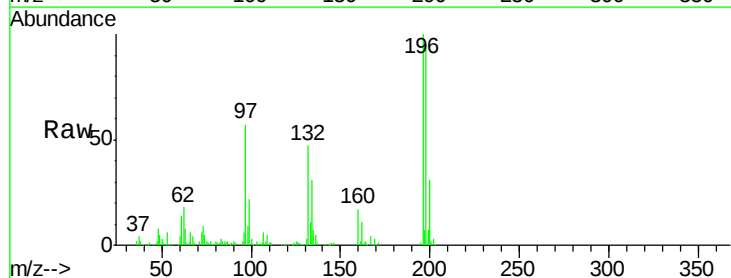


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

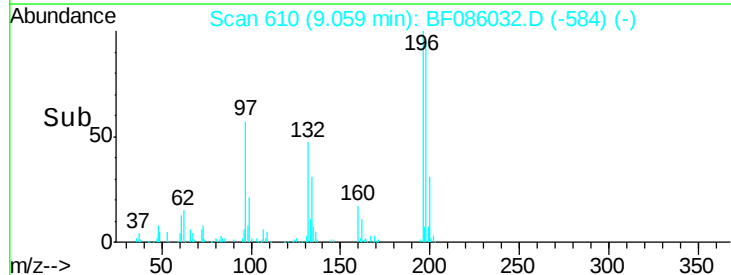
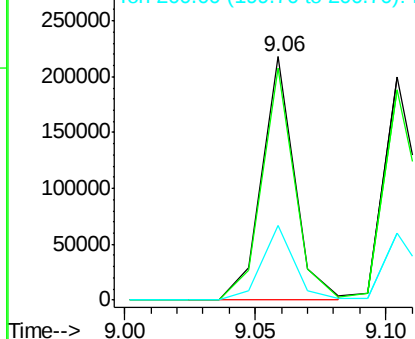


#42
 2,4,6-Trichlorophenol
 Concen: 47.80 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Tgt Ion:196 Resp: 190945
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.3 112.9
 200 30.5 23.7 35.5



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

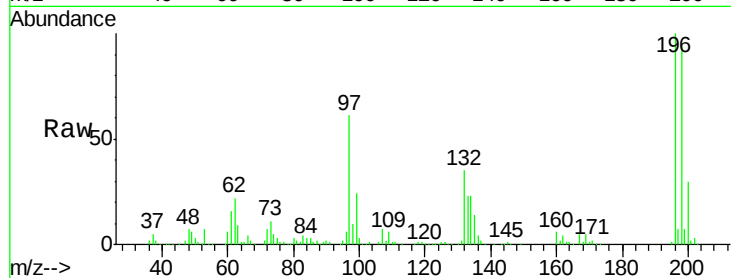




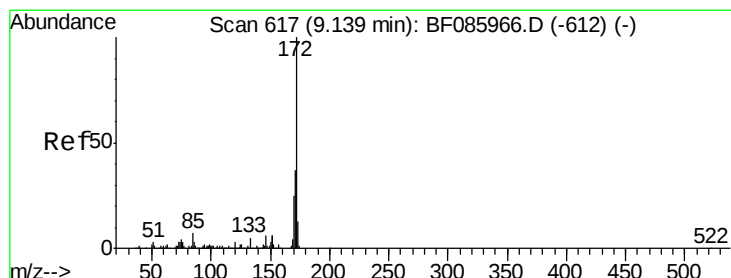
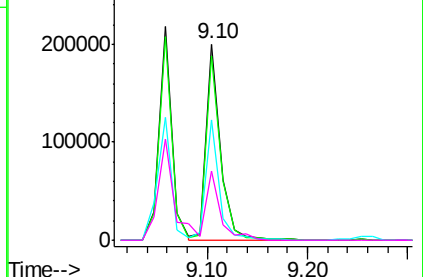
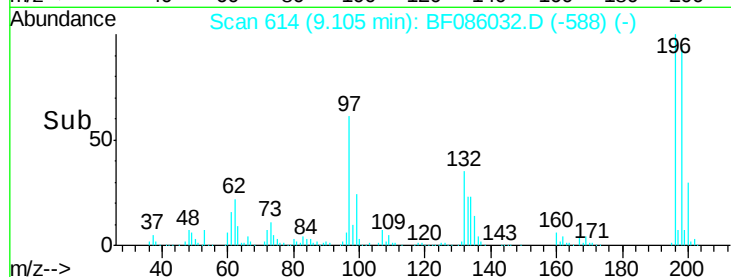
#43
 2,4,5-Trichlorophenol
 Concen: 48.50 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:196 Resp: 196721
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.6 114.8
 97 61.5 30.5 45.7#
 132 35.2 20.2 30.2#

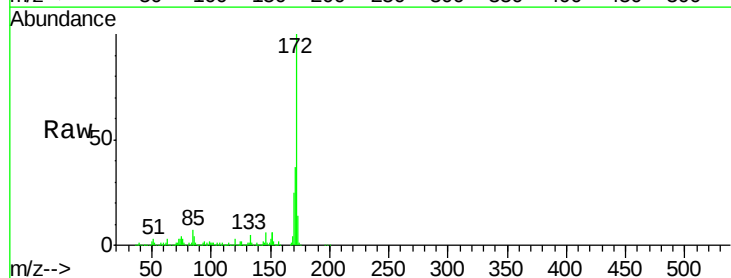


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

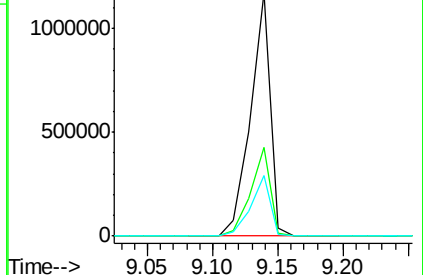
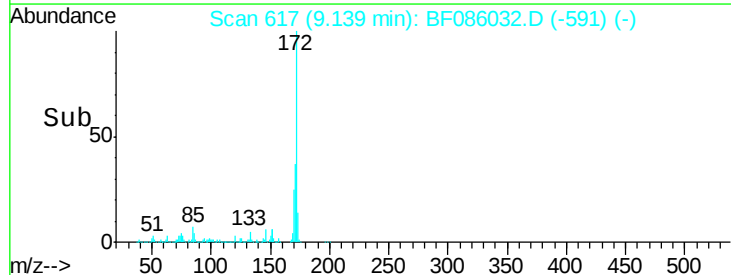


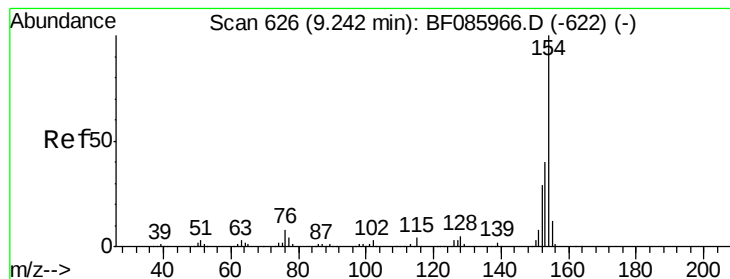
#44
 2-Fluorobiphenyl
 Concen: 98.56 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Tgt Ion:172 Resp: 1226939
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.7 19.8 29.6



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: 43.82 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

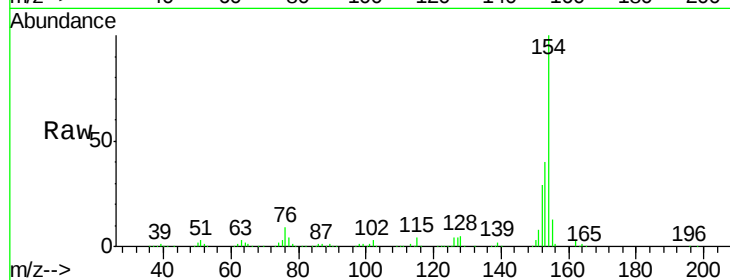
Tgt Ion:154 Resp: 782081

Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

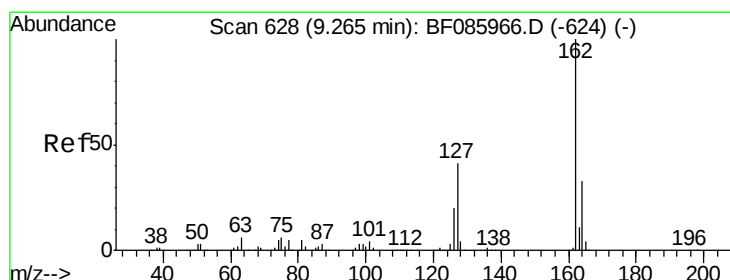
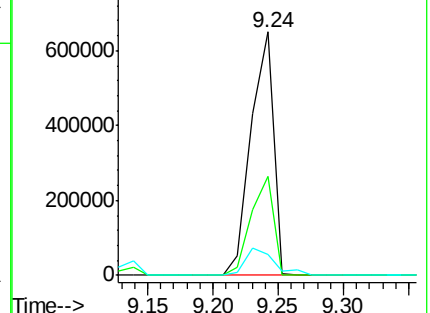
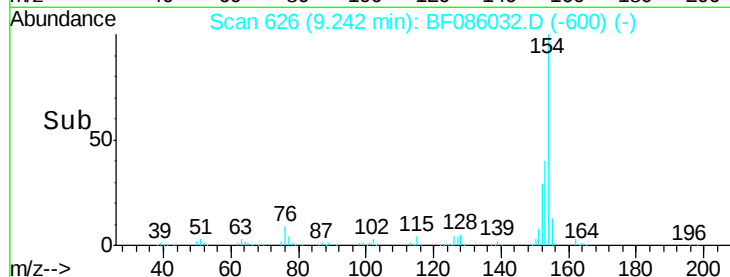
76 8.6 0.0 36.7



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: 47.49 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

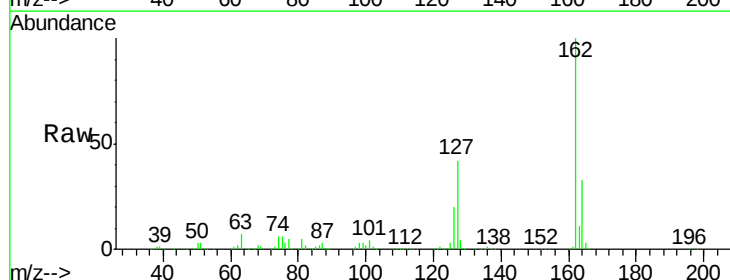
Tgt Ion:162 Resp: 614313

Ion Ratio Lower Upper

162 100

127 41.8 31.7 47.5

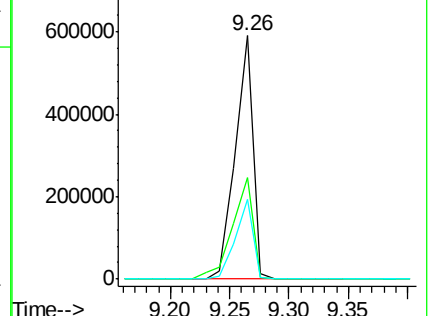
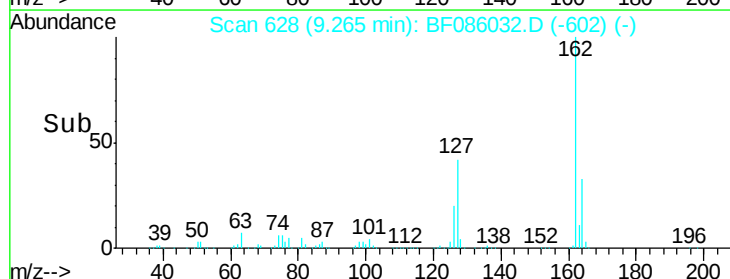
164 33.0 27.3 40.9

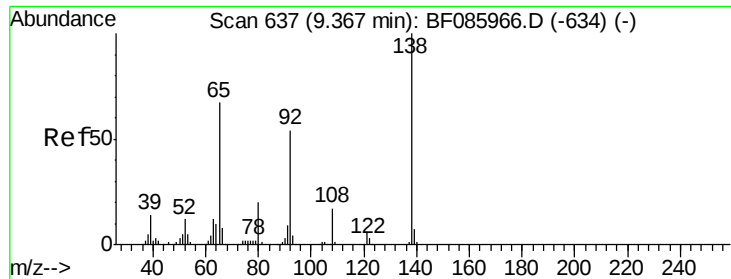


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

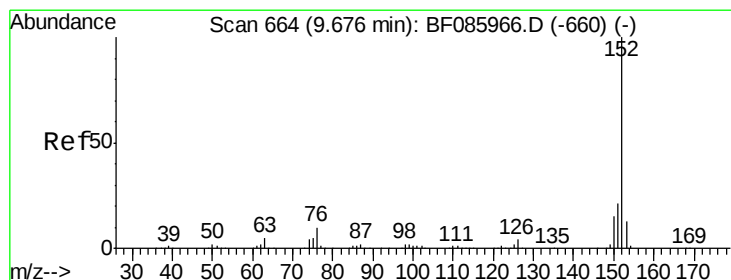
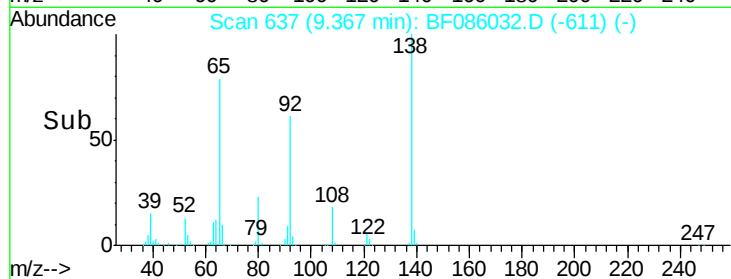
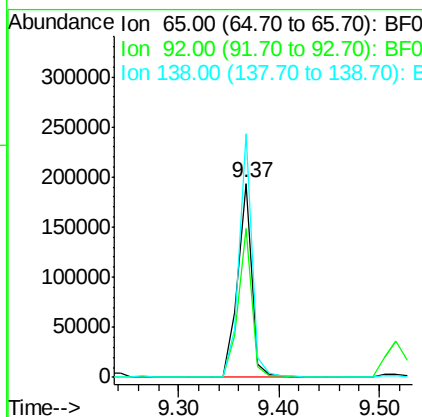
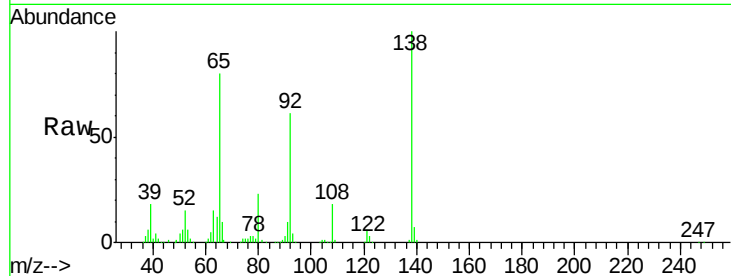




#47
2-Nitroaniline
Concen: 50.39 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

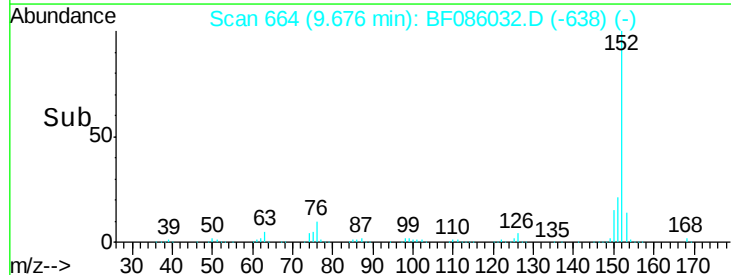
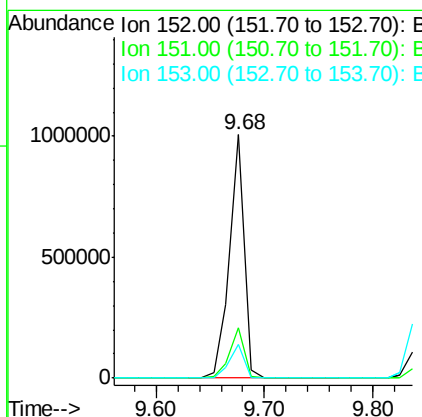
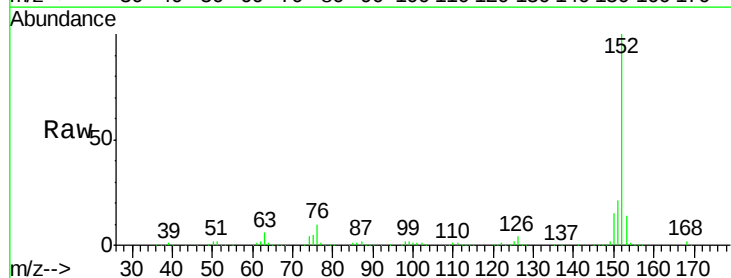
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

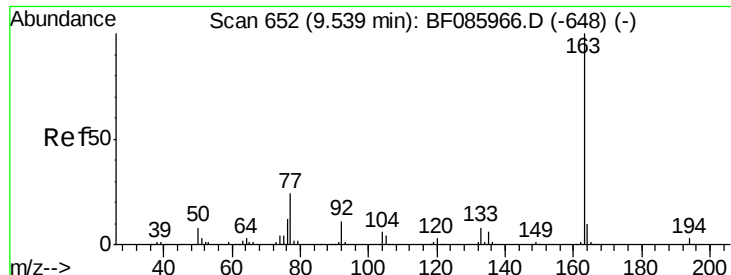
Tgt Ion: 65 Resp: 190713
Ion Ratio Lower Upper
65 100
92 76.7 59.7 89.5
138 125.5 91.4 137.0



#48
Acenaphthylene
Concen: 45.42 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Tgt Ion: 152 Resp: 941226
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 13.7 10.9 16.3

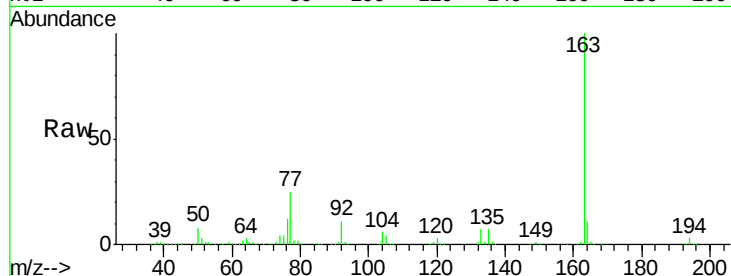




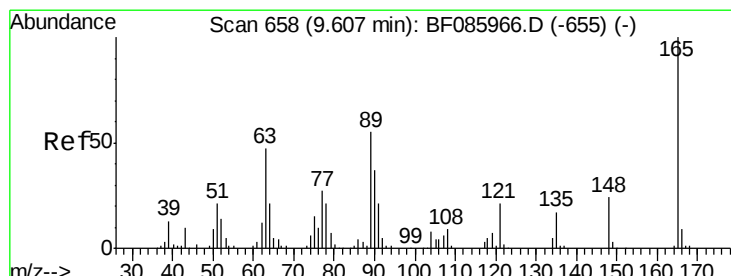
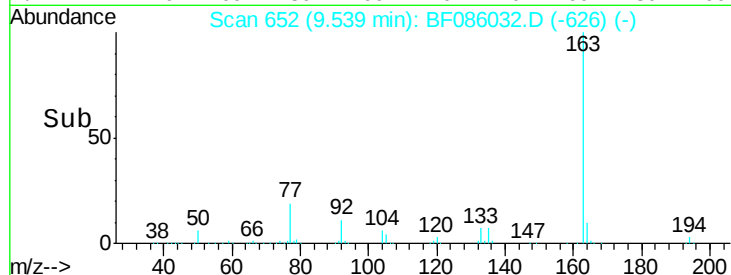
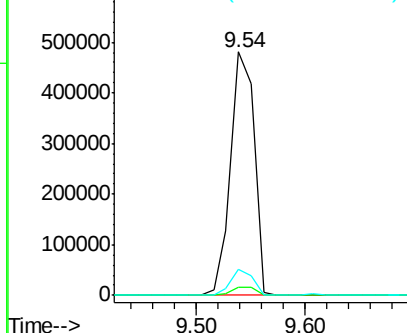
#49
Dimethylphthalate
Concen: 46.84 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tgt Ion:163 Resp: 718488
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.8 8.3 12.5

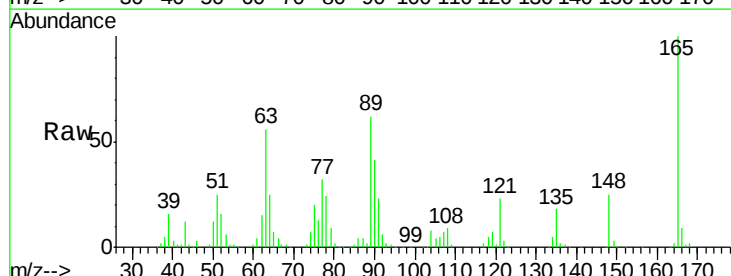


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

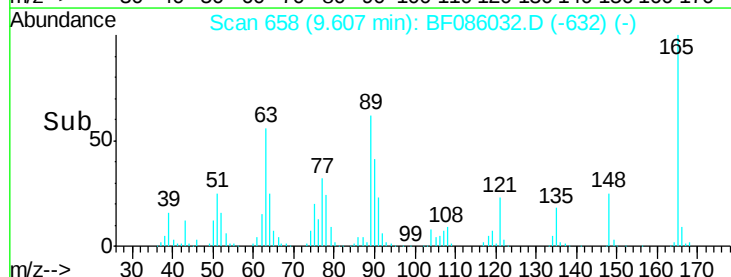
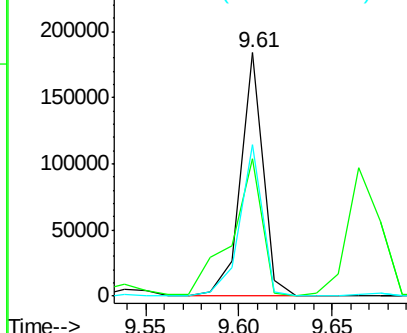


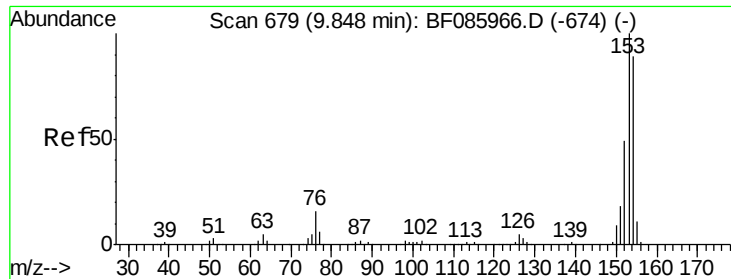
#50
2,6-Dinitrotoluene
Concen: 47.65 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Tgt Ion:165 Resp: 154667
Ion Ratio Lower Upper
165 100
63 56.2 51.8 77.8
89 62.3 53.7 80.5



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: 46.92 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

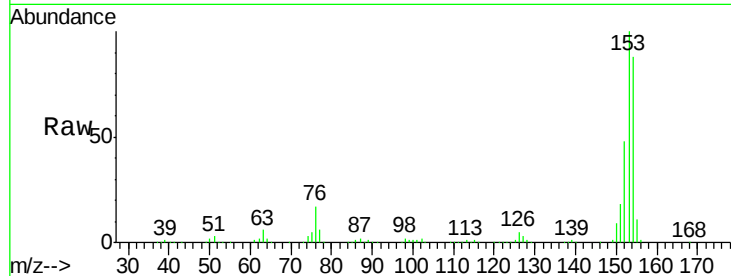
Tgt Ion:154 Resp: 578250

Ion Ratio Lower Upper

154 100

153 113.7 90.1 135.1

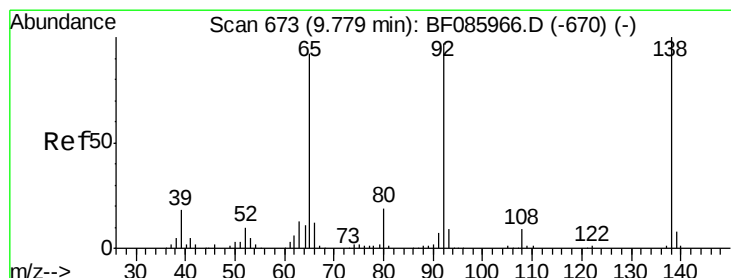
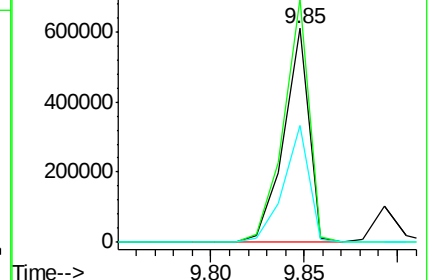
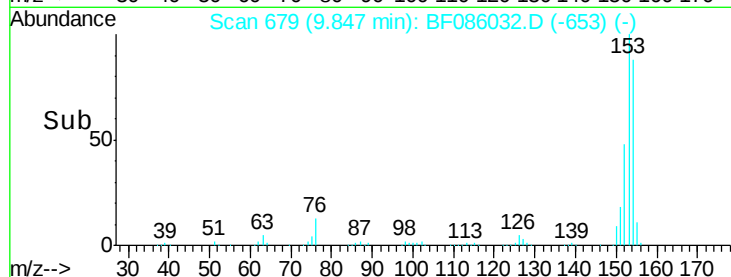
152 54.8 44.2 66.2



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: 11.50 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

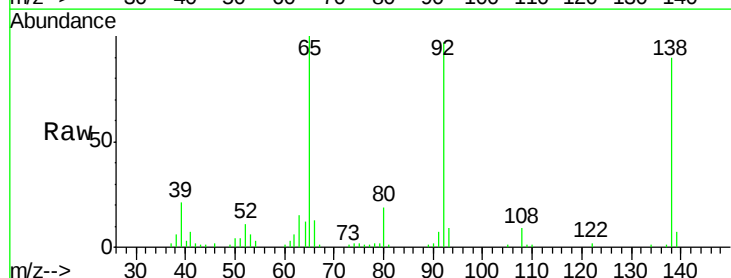
Tgt Ion:138 Resp: 44975

Ion Ratio Lower Upper

138 100

108 10.1 8.7 13.1

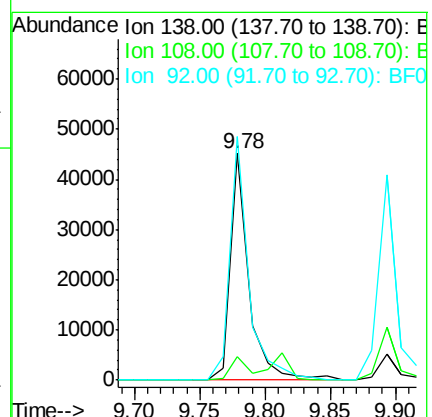
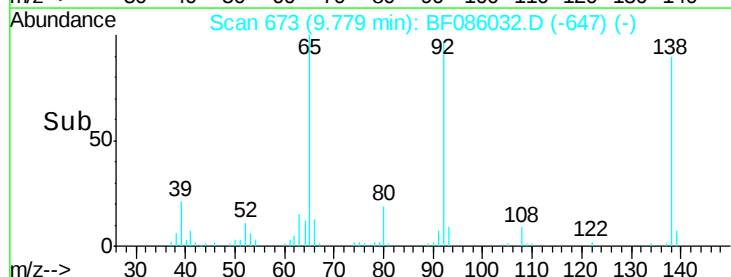
92 107.3 93.3 139.9

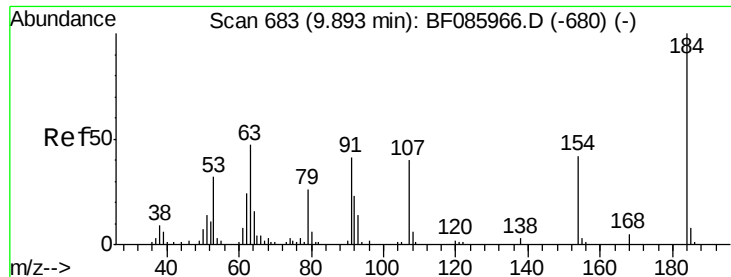


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

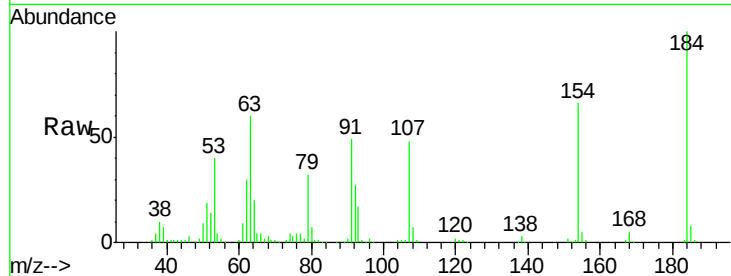




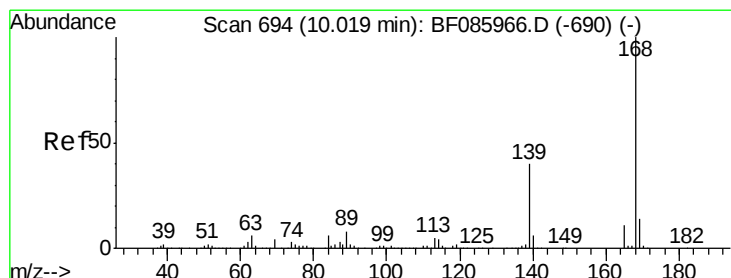
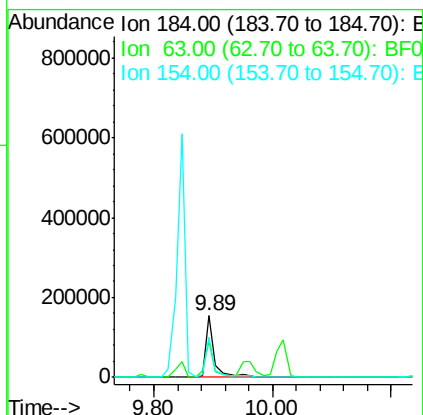
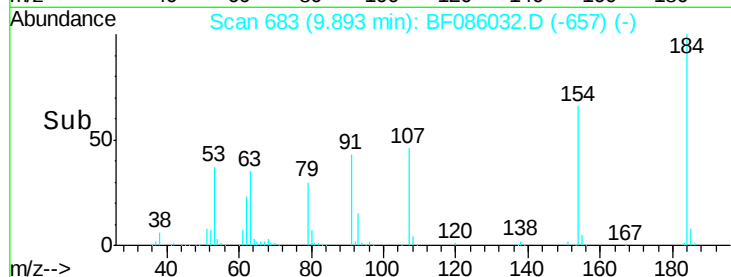
#53
 2,4-Dinitrophenol
 Concen: 74.50 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:184 Resp: 161349
 Ion Ratio Lower Upper
 184 100
 63 59.9 69.5 104.3#
 154 66.0 58.3 87.5

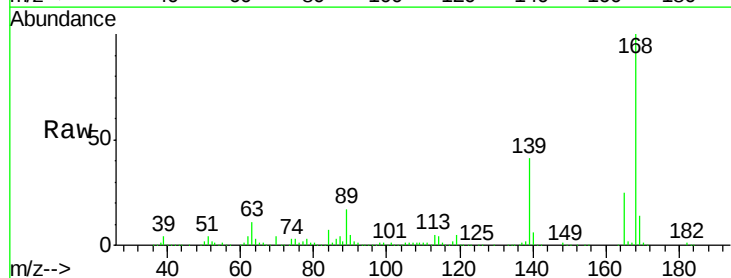


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

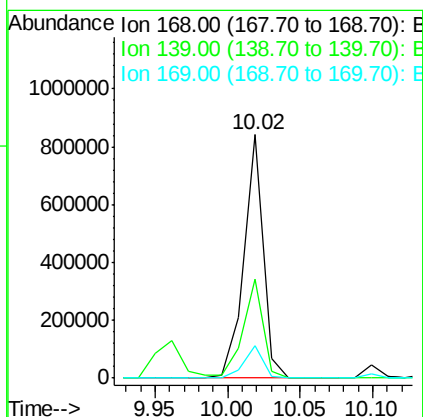
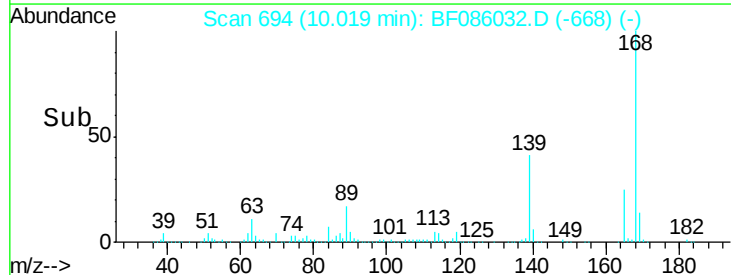


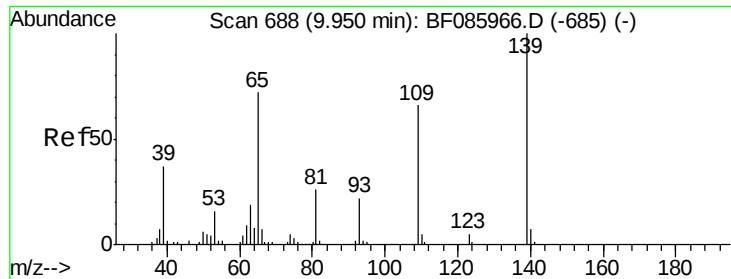
#54
 Dibenzofuran
 Concen: 47.61 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Tgt Ion:168 Resp: 774918
 Ion Ratio Lower Upper
 168 100
 139 40.7 31.9 47.9
 169 13.6 11.0 16.6



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

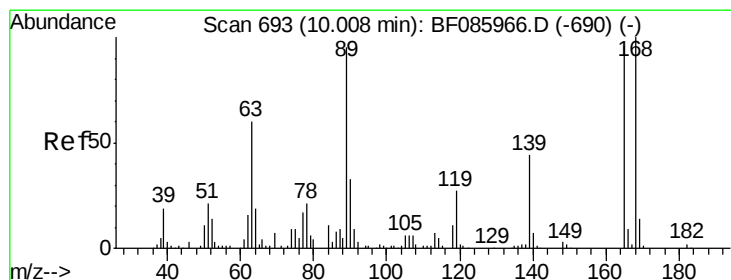
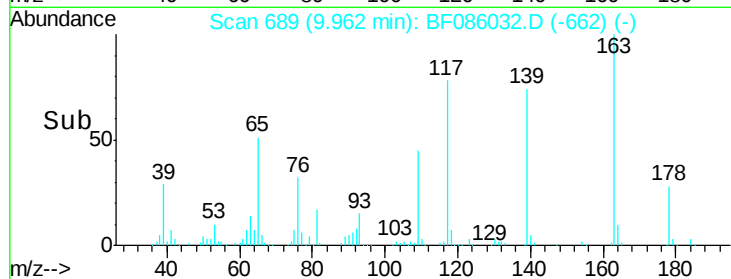
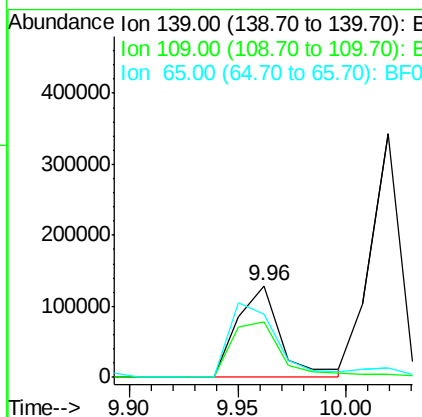
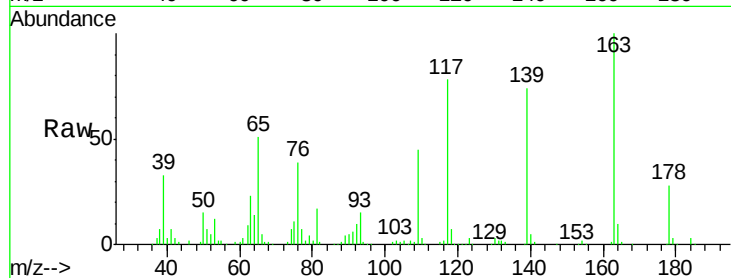




#55
4-Nitrophenol
Concen: 78.15 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

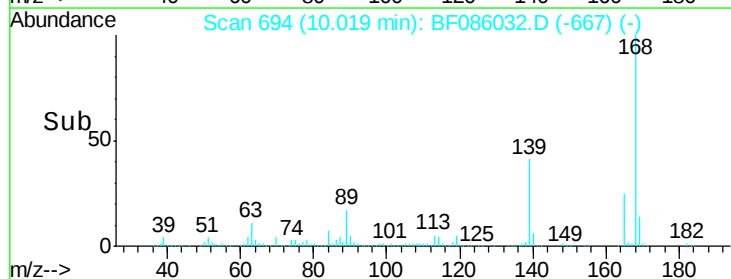
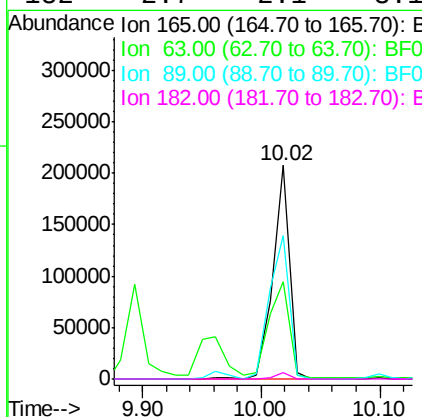
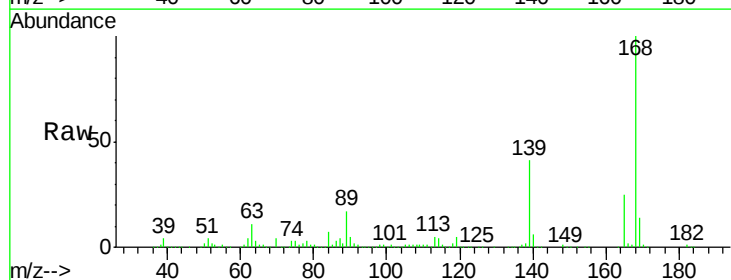
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

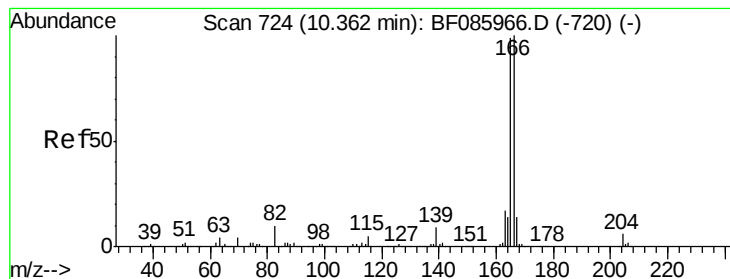
Tgt Ion:139 Resp: 180217
Ion Ratio Lower Upper
139 100
109 61.1 49.2 89.2
65 69.2 66.9 106.9



#56
2,4-Dinitrotoluene
Concen: 49.74 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Tgt Ion:165 Resp: 204001
Ion Ratio Lower Upper
165 100
63 45.3 24.9 37.3#
89 67.1 41.0 61.6#
182 2.7 2.1 3.1





#57

Fluorene

Concen: 46.06 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

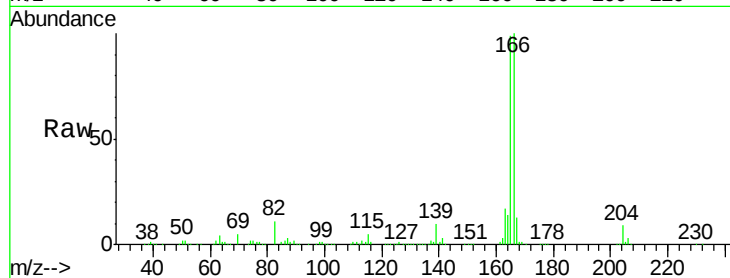
Tgt Ion:166 Resp: 640431

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.0

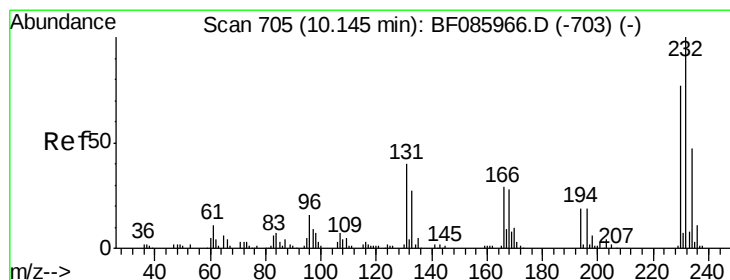
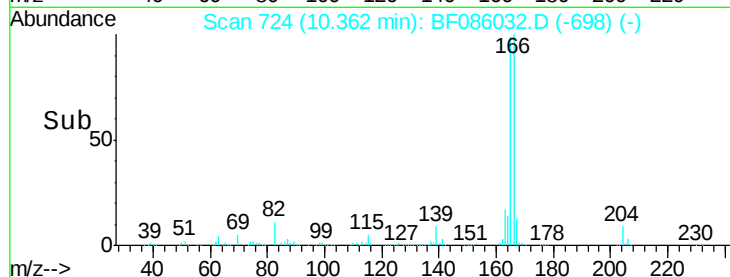
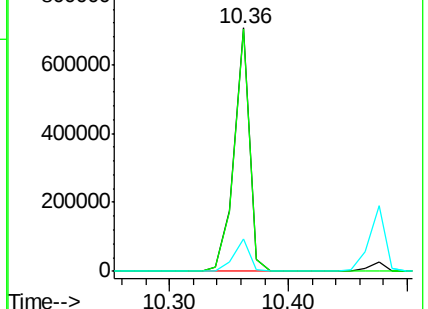
167 13.4 11.0 16.4



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: 52.92 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Tgt Ion:232 Resp: 159801

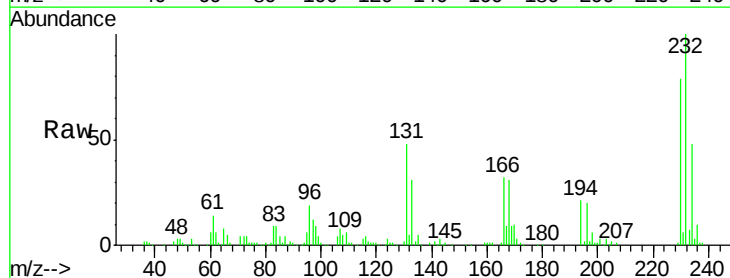
Ion Ratio Lower Upper

232 100

131 52.2 44.9 67.3

130 2.5 2.3 3.5

166 31.2 28.1 42.1

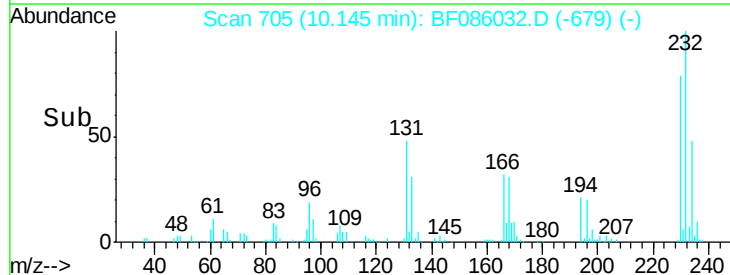
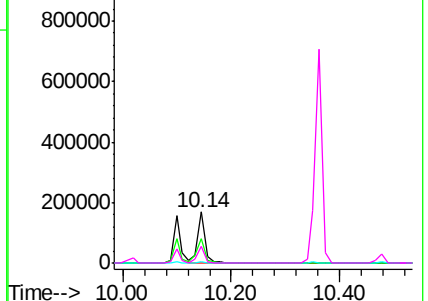


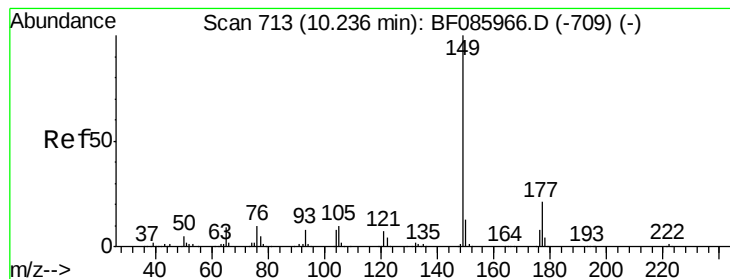
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.36 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

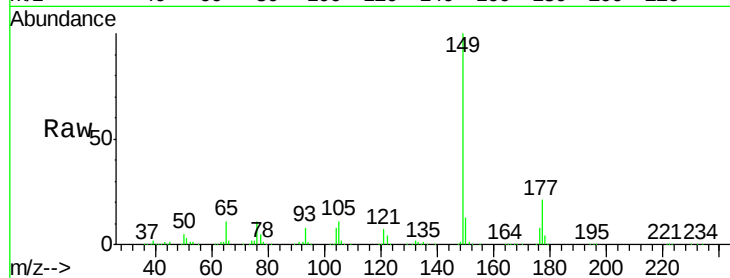
Tgt Ion:149 Resp: 671371

Ion Ratio Lower Upper

149 100

177 20.6 17.9 26.9

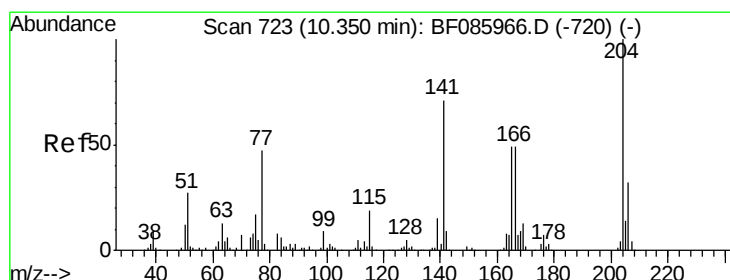
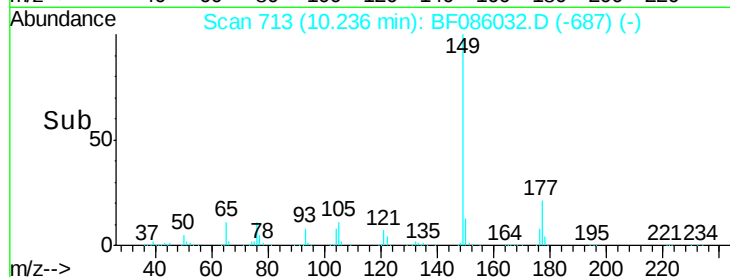
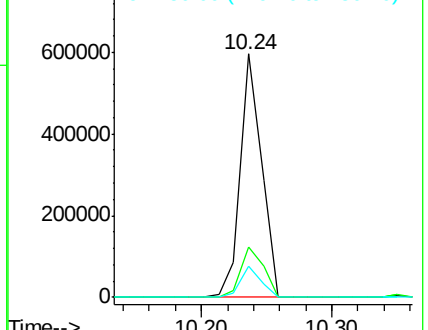
150 12.9 10.2 15.2



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: 42.87 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

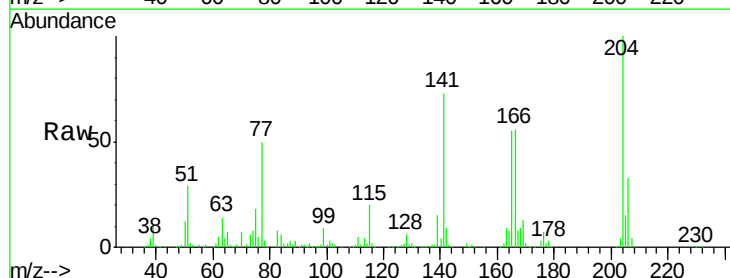
Tgt Ion:204 Resp: 277631

Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

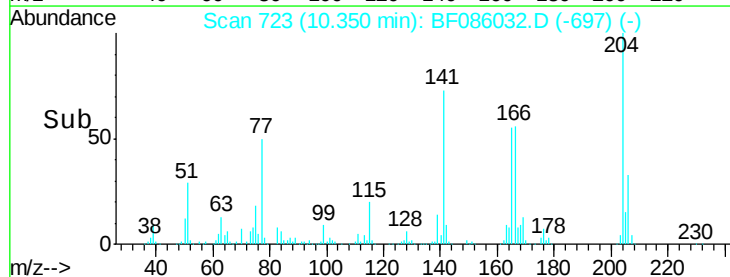
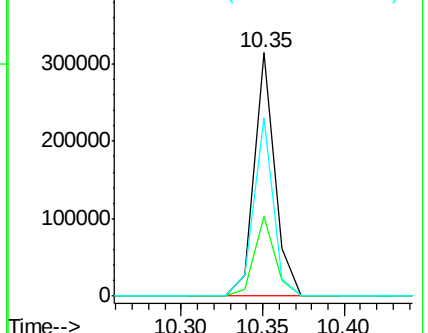
141 73.2 57.4 86.0

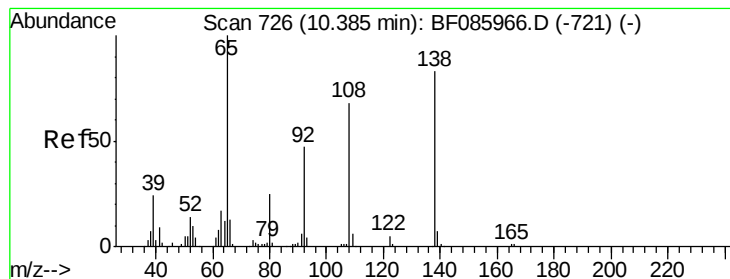


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.87 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

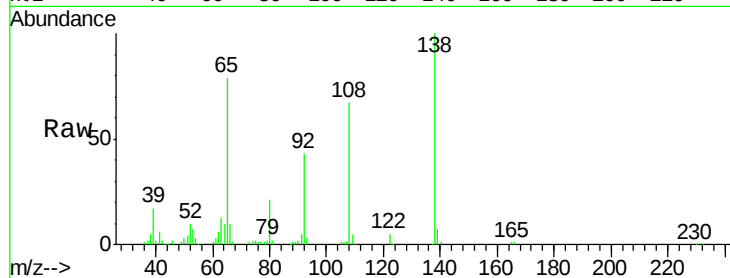
Tgt Ion:138 Resp: 122774

Ion Ratio Lower Upper

138 100

92 43.2 26.4 66.4

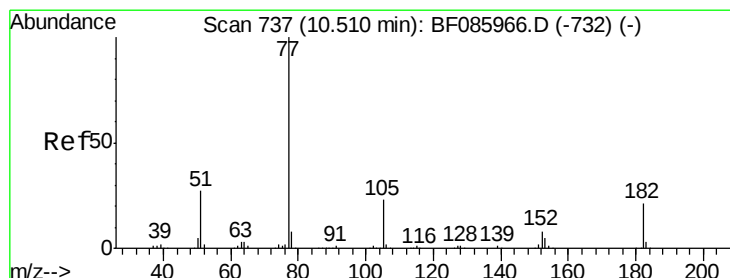
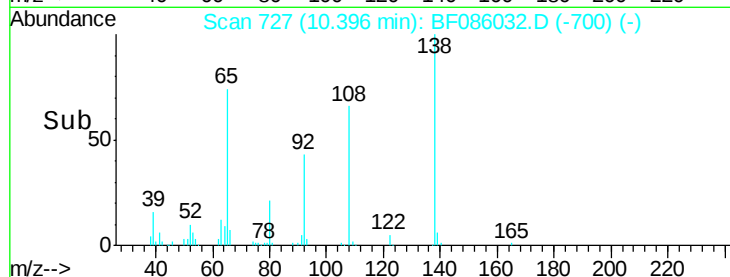
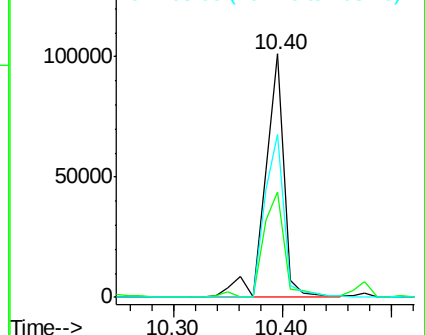
108 67.0 49.0 89.0



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: 47.98 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Tgt Ion: 77 Resp: 711553

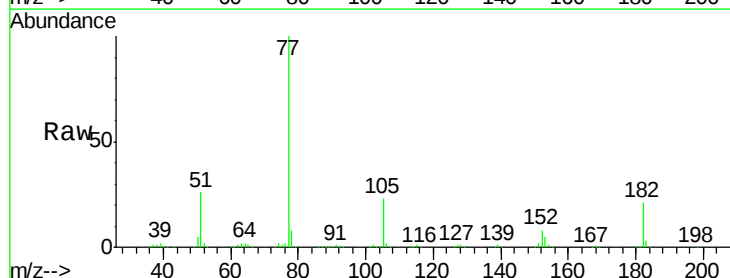
Ion Ratio Lower Upper

77 100

182 20.7 1.9 41.9

105 23.2 3.5 43.5

51 25.9 6.3 46.3

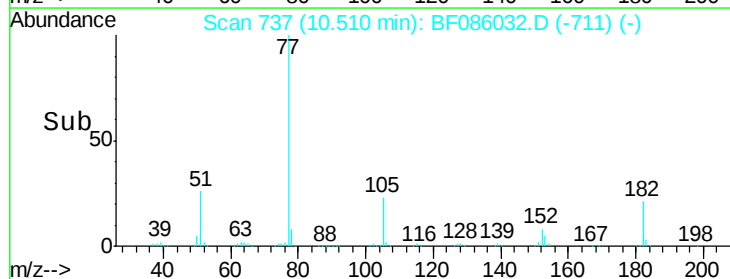
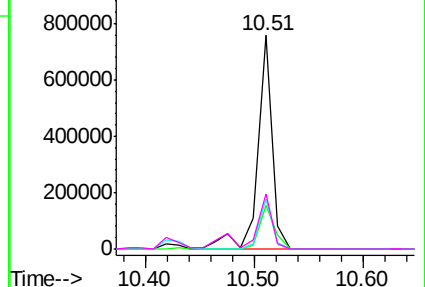


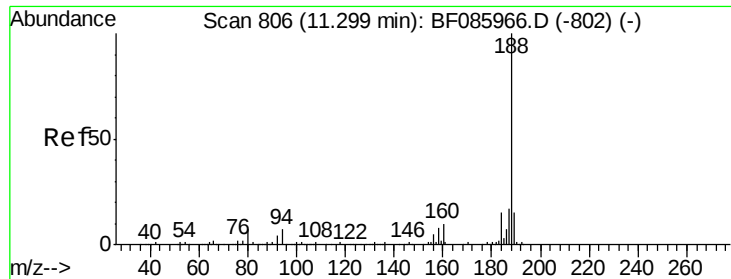
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

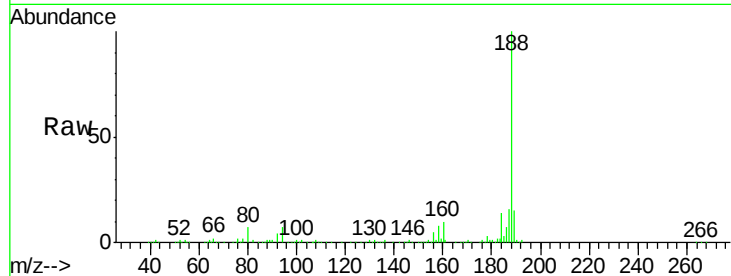
Tgt Ion:188 Resp: 360913

Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

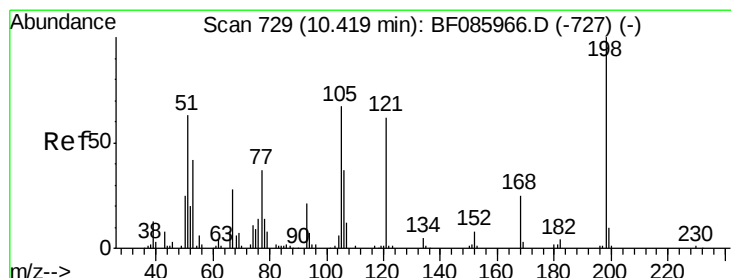
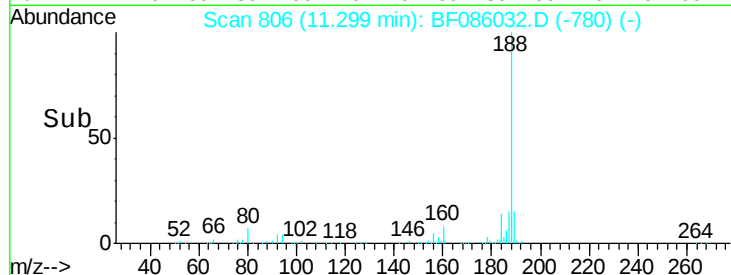
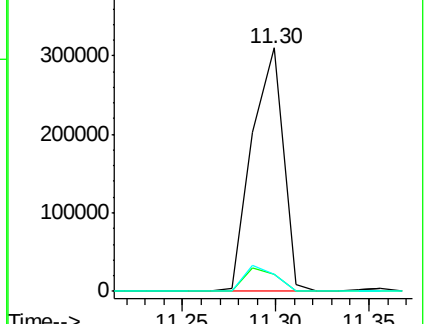
80 6.9 5.5 8.3



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: 44.23 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

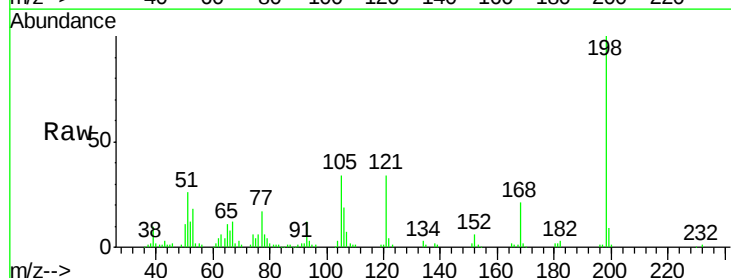
Tgt Ion:198 Resp: 96746

Ion Ratio Lower Upper

198 100

51 25.6 45.4 85.4#

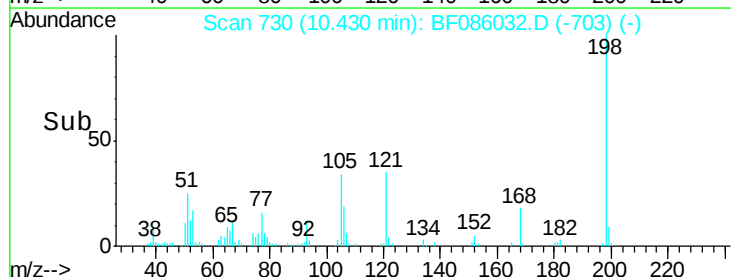
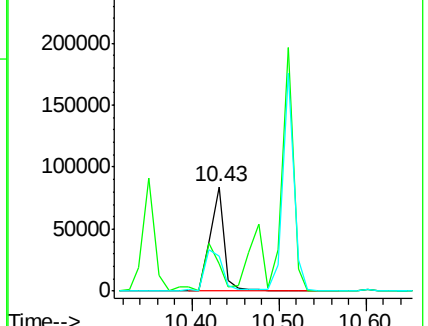
105 33.8 45.9 85.9#

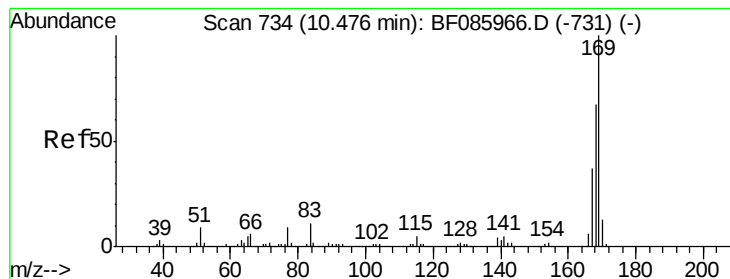


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.33 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

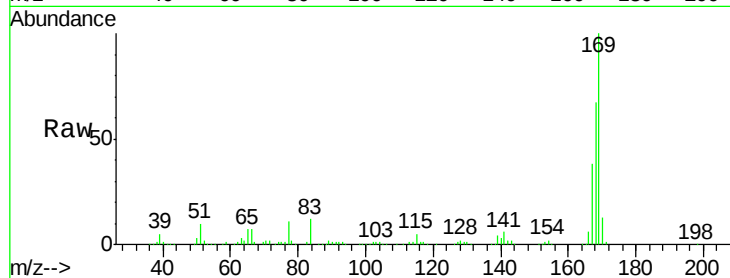
Tgt Ion:169 Resp: 477802

Ion Ratio Lower Upper

169 100

168 67.5 54.4 81.6

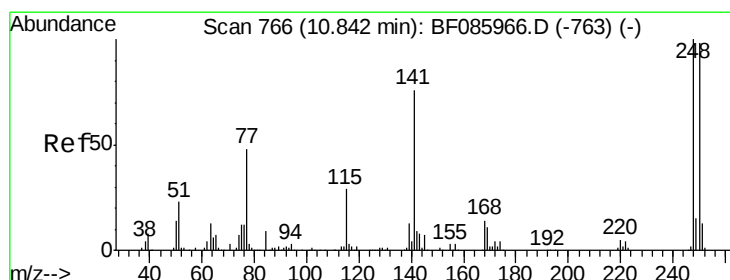
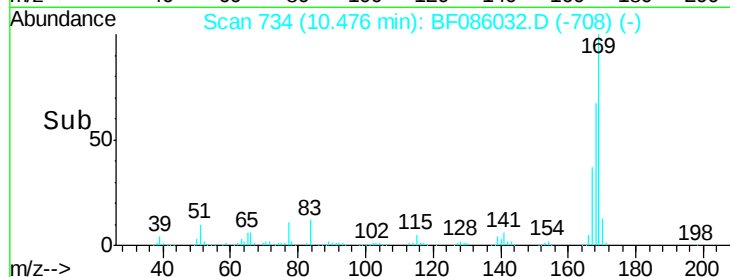
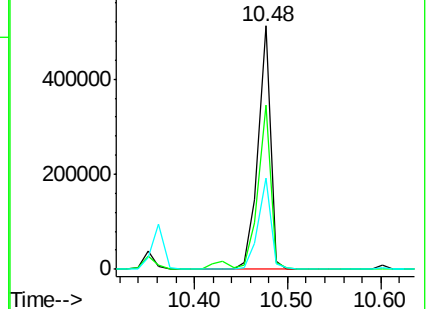
167 37.5 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.33 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

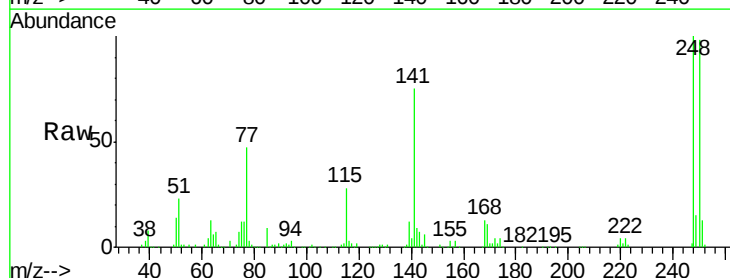
Tgt Ion:248 Resp: 189140

Ion Ratio Lower Upper

248 100

250 97.8 77.4 116.0

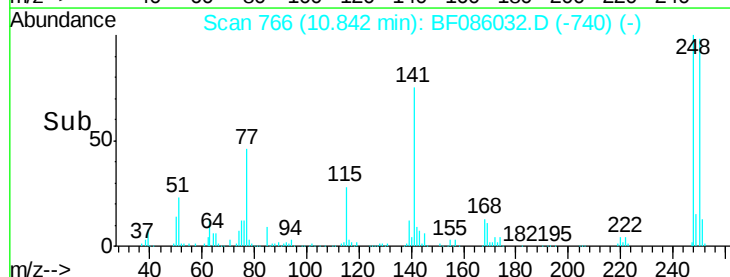
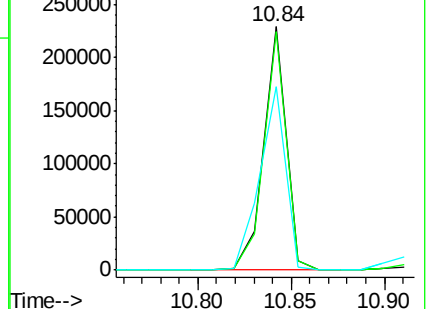
141 75.3 63.6 95.4

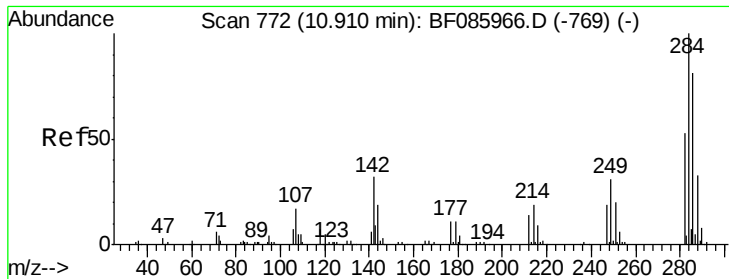


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

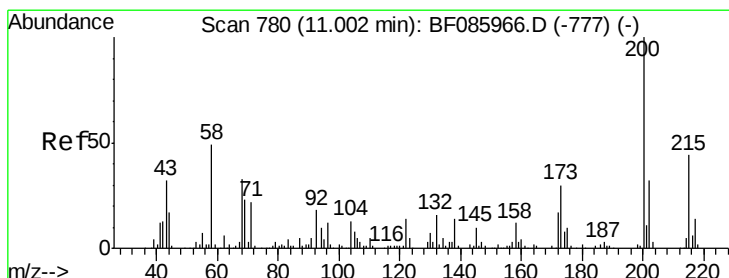
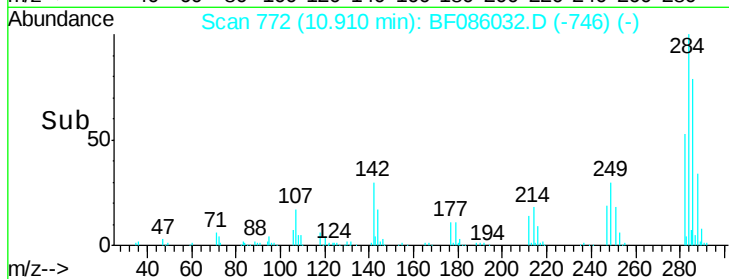
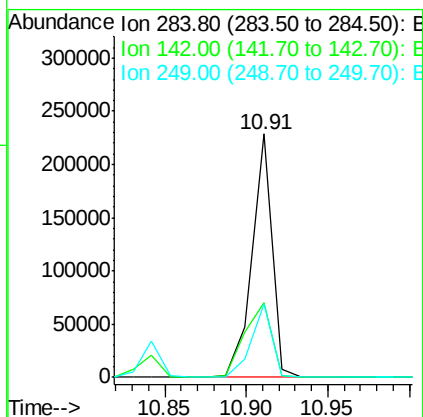
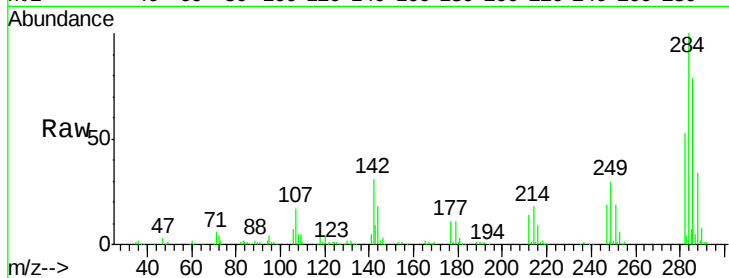




#67
Hexachlorobenzene
Concen: 51.36 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

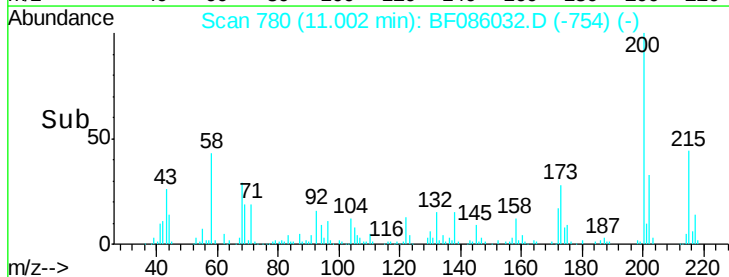
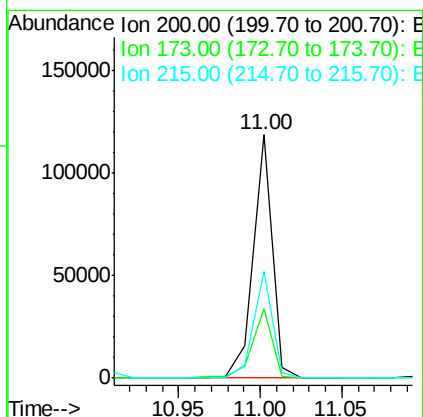
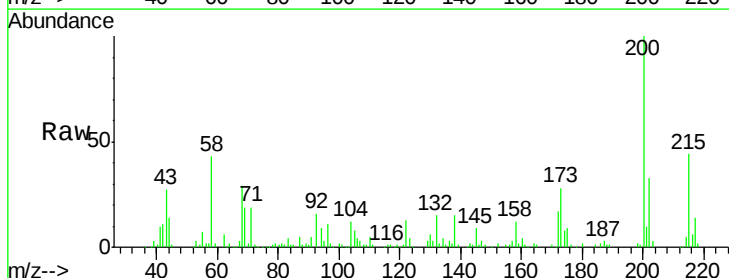
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

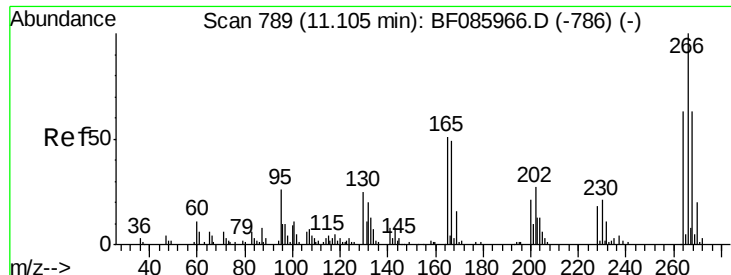
Tgt Ion:284 Resp: 195699
Ion Ratio Lower Upper
284 100
142 30.6 23.1 34.7
249 30.4 24.2 36.2



#68
Atrazine
Concen: 26.44 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Tgt Ion:200 Resp: 96412
Ion Ratio Lower Upper
200 100
173 28.5 7.7 47.7
215 43.8 25.4 65.4

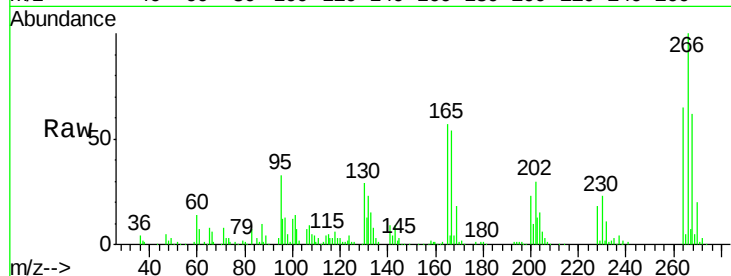




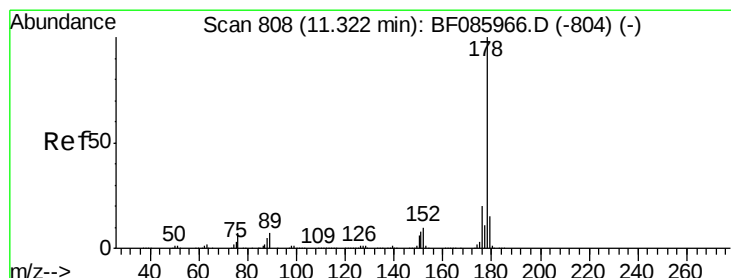
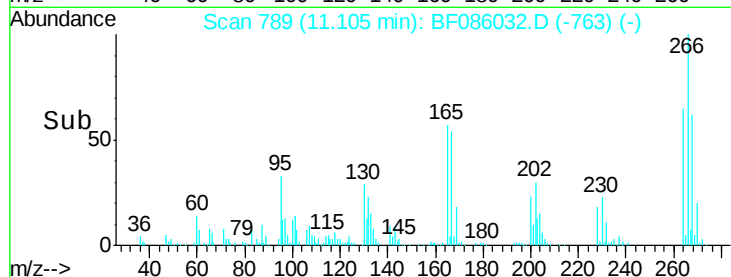
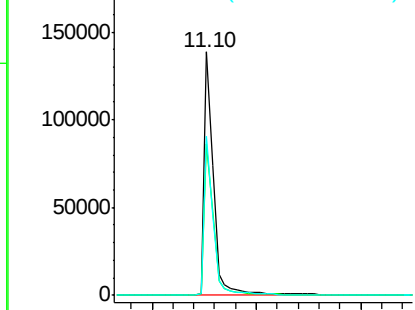
#69
 Pentachlorophenol
 Concen: 98.15 ng
 RT: 11.10 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:266 Resp: 175277
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.5 77.3
 264 65.4 50.6 76.0

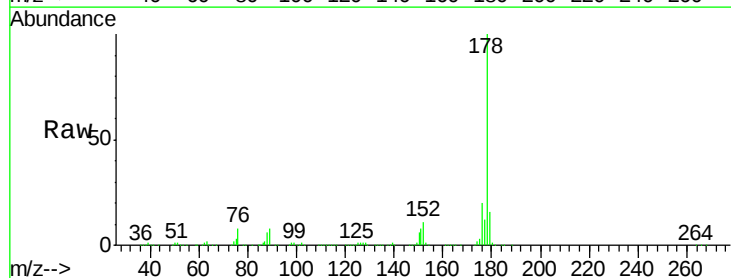


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

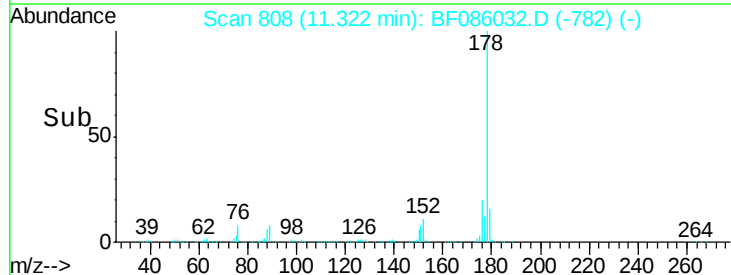
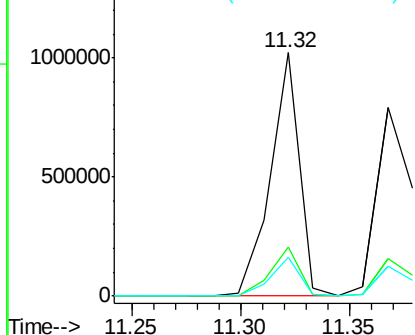


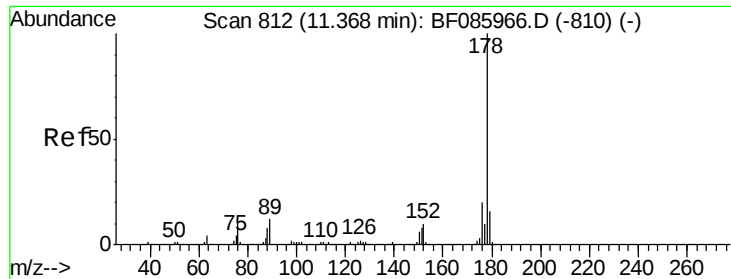
#70
 Phenanthrene
 Concen: 48.47 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Tgt Ion:178 Resp: 954391
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.3 24.5
 179 15.8 12.6 18.8



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

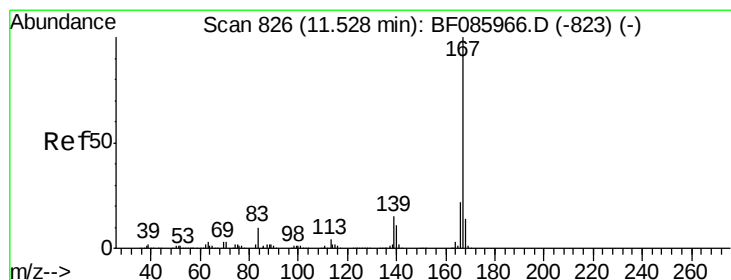
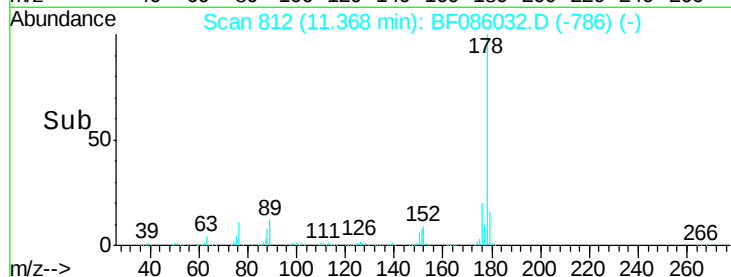
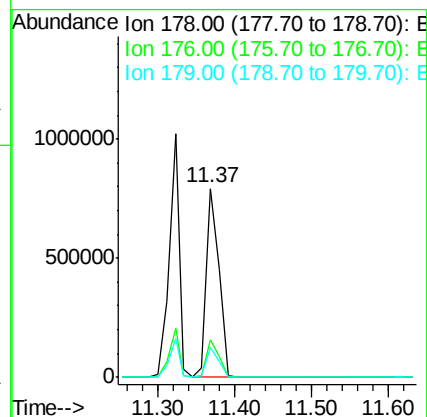
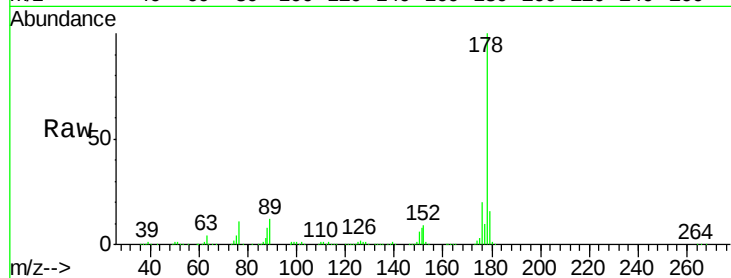




#71
 Anthracene
 Concen: 43.23 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

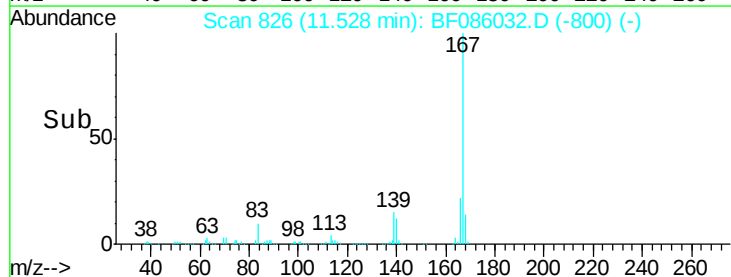
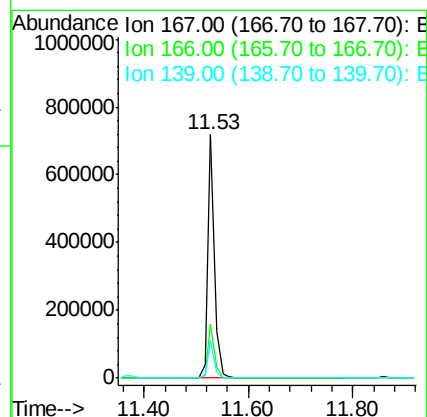
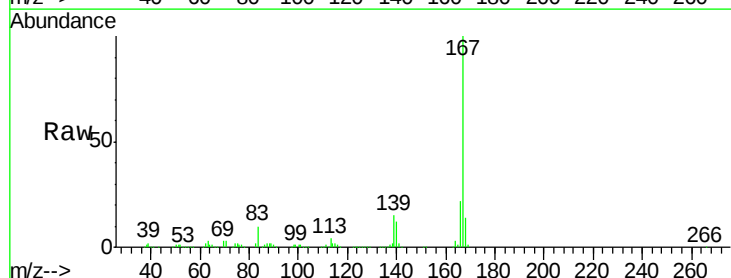
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

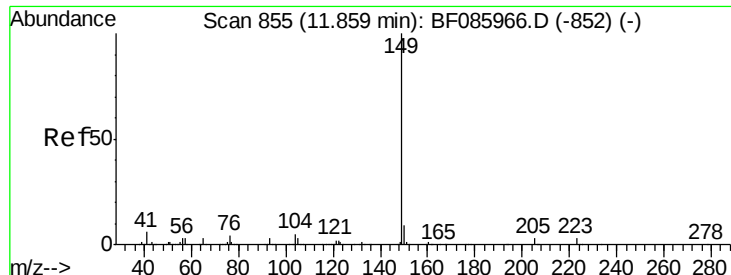
Tgt Ion:178 Resp: 891579
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.9 13.0 19.4



#72
 Carbazole
 Concen: 35.72 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Tgt Ion:167 Resp: 633224
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 15.5 11.6 17.4





#73

Di-n-butylphthalate

Concen: 49.94 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

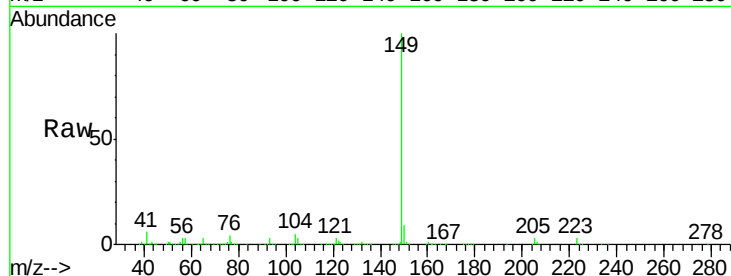
Tgt Ion:149 Resp: 1097221

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

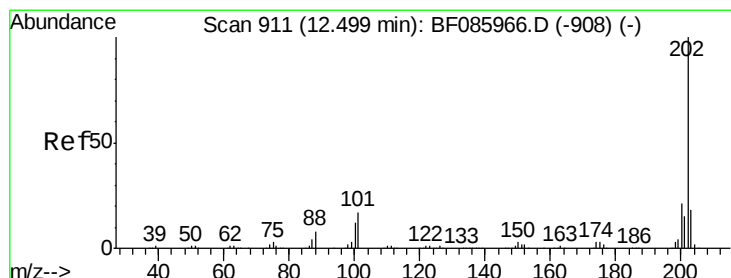
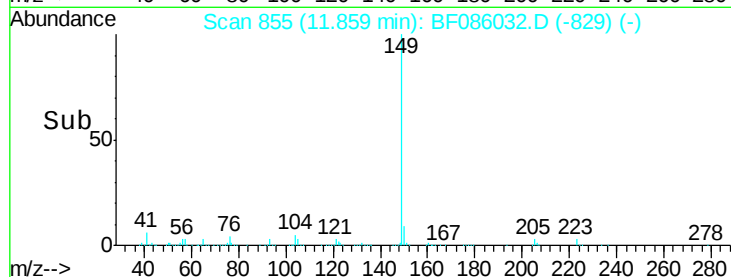
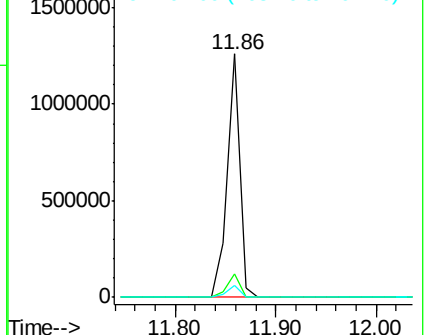
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.19 ng

RT: 12.50 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

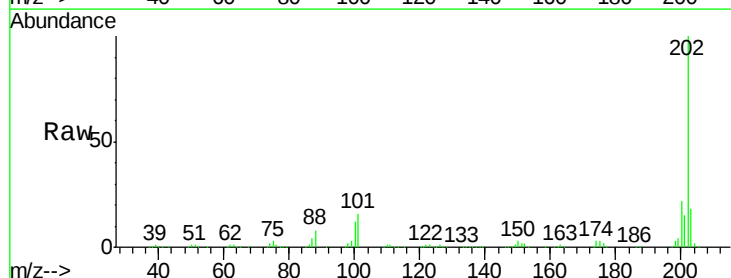
Tgt Ion:202 Resp: 823080

Ion Ratio Lower Upper

202 100

101 16.2 0.0 36.6

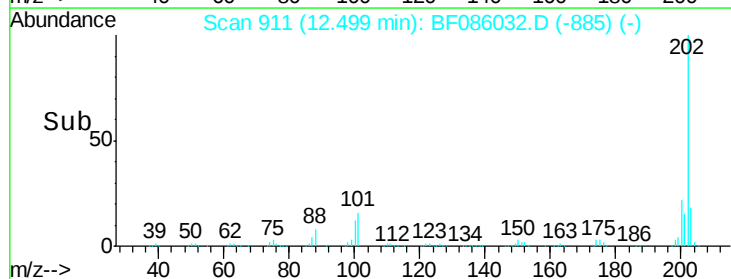
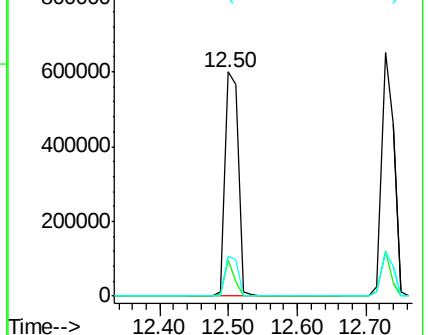
203 18.2 0.0 38.1

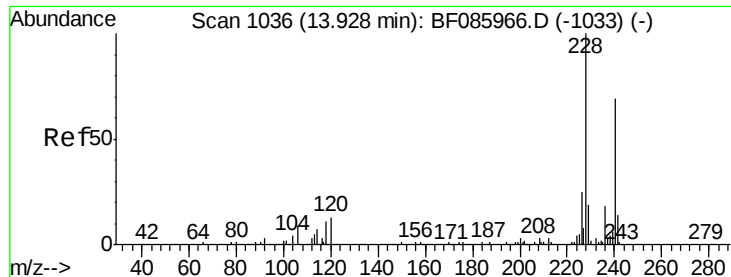


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

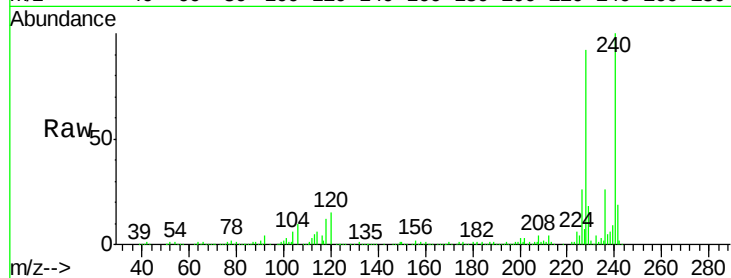
Tgt Ion:240 Resp: 227020

Ion Ratio Lower Upper

240 100

120 14.5 13.8 20.8

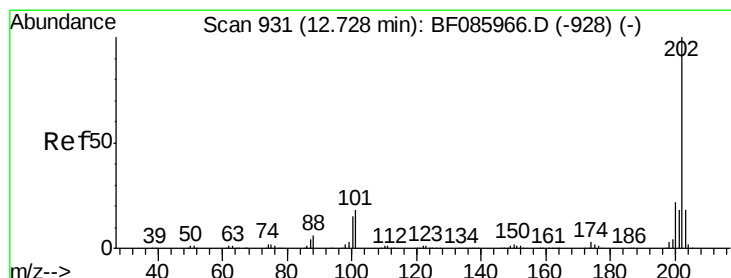
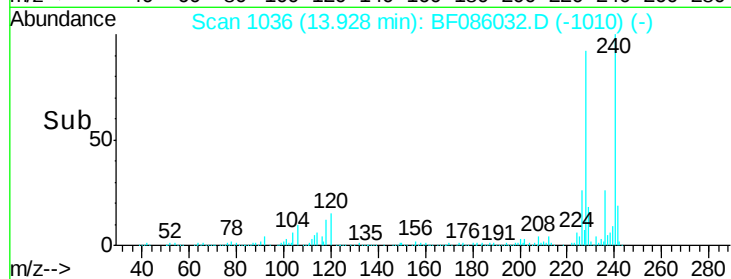
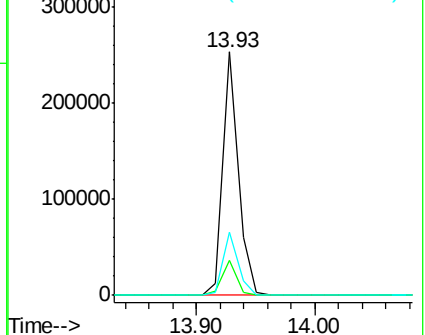
236 26.0 20.6 30.8



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



#77

Pyrene

Concen: 49.48 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

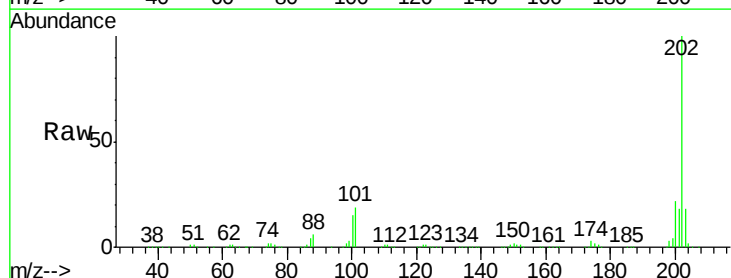
Tgt Ion:202 Resp: 791502

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

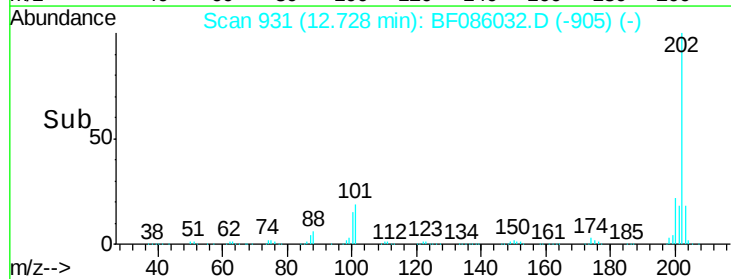
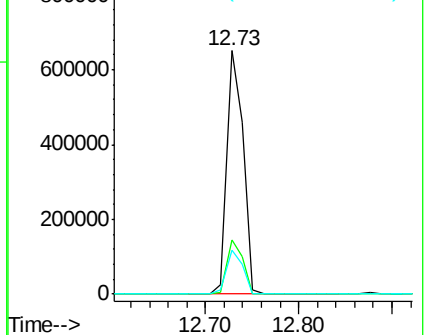
203 17.9 14.0 21.0

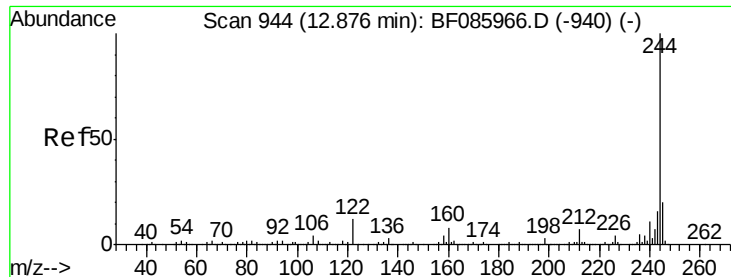


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 100.44 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

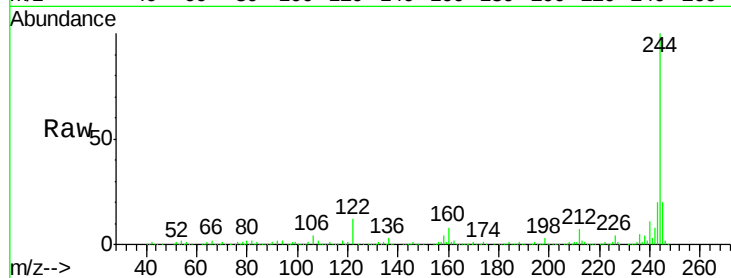
Tgt Ion:244 Resp: 969980

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

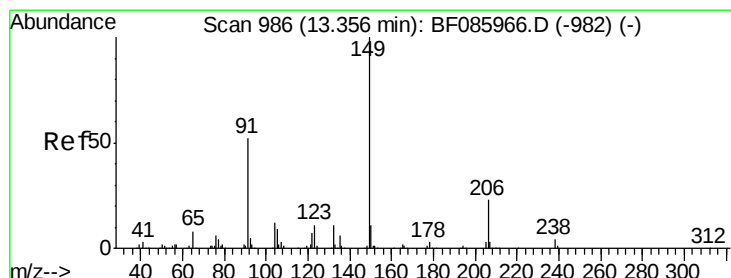
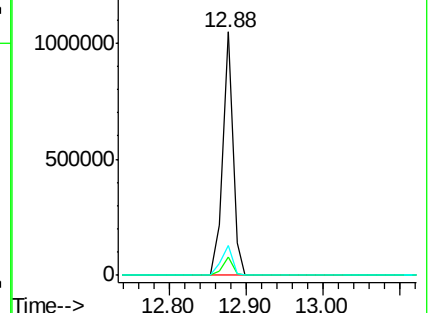
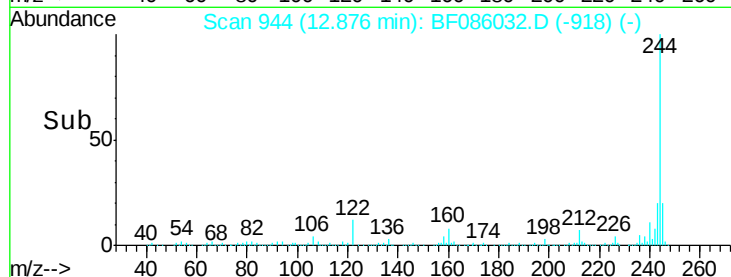
122 12.2 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 57.22 ng

RT: 13.34 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

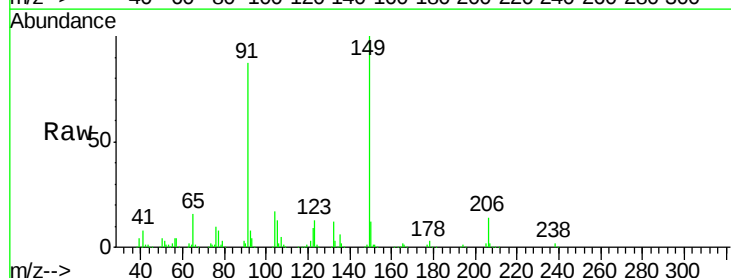
Tgt Ion:149 Resp: 412170

Ion Ratio Lower Upper

149 100

91 86.7 45.8 68.8#

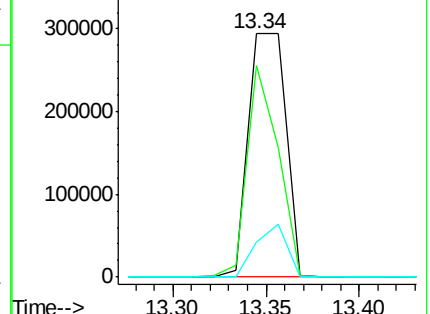
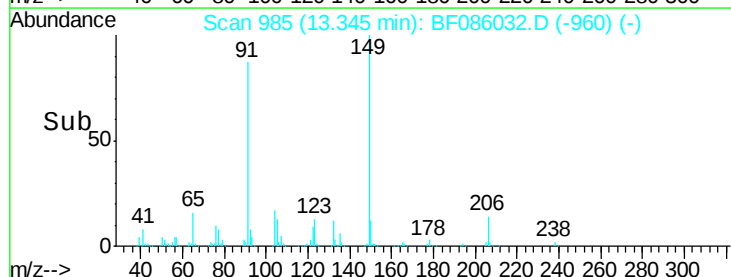
206 14.1 17.8 26.8#

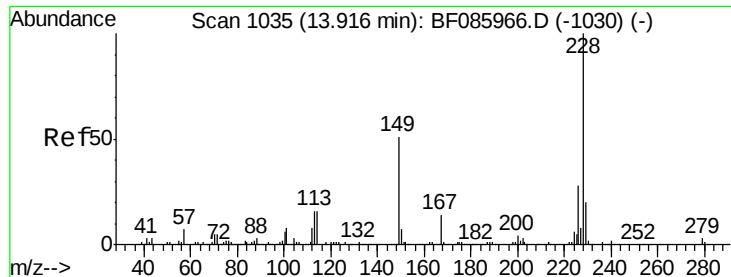


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

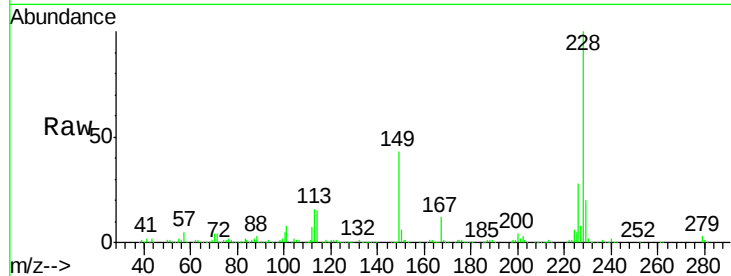




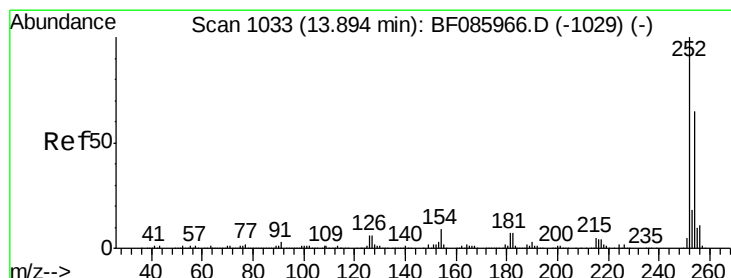
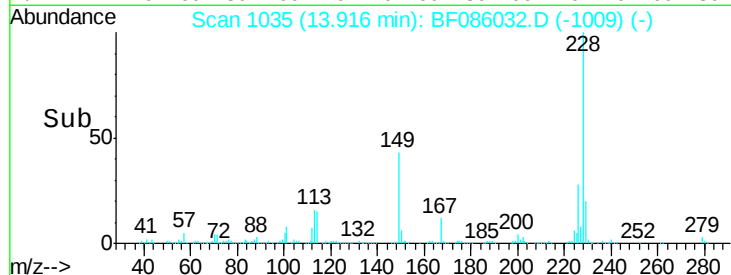
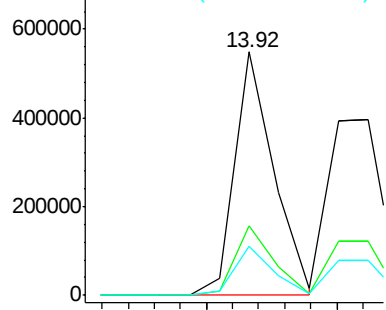
#80
Benzo(a)anthracene
Concen: 42.88 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tgt Ion: 228 Resp: 573790
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 20.2 16.2 24.4

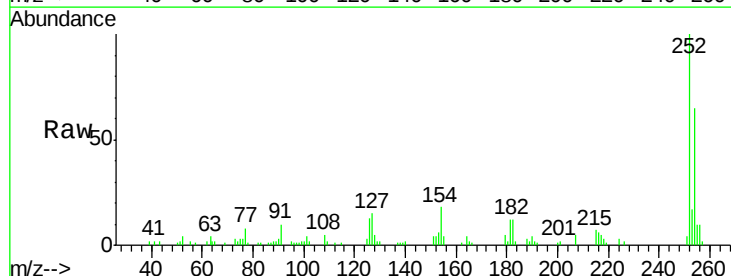


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

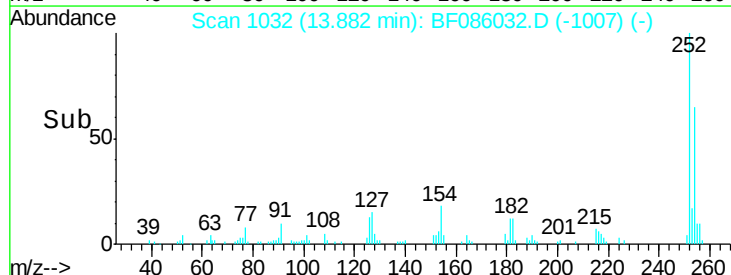
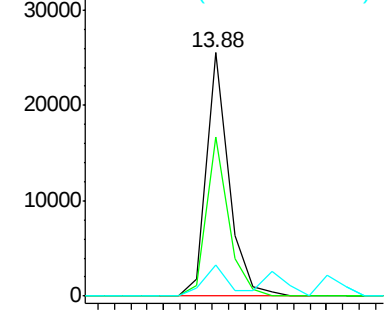


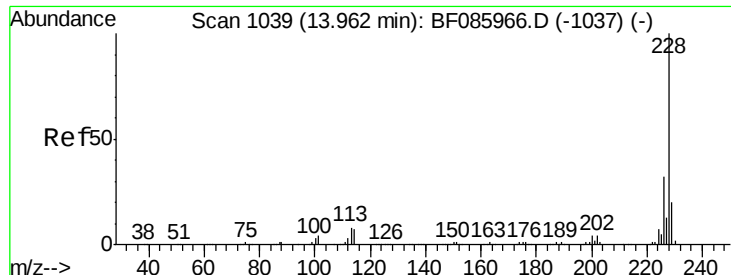
#81
3,3'-Dichlorobenzidine
Concen: 2.46 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Tgt Ion: 252 Resp: 24030
Ion Ratio Lower Upper
252 100
254 65.5 50.7 76.1
126 12.9 11.8 17.6



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

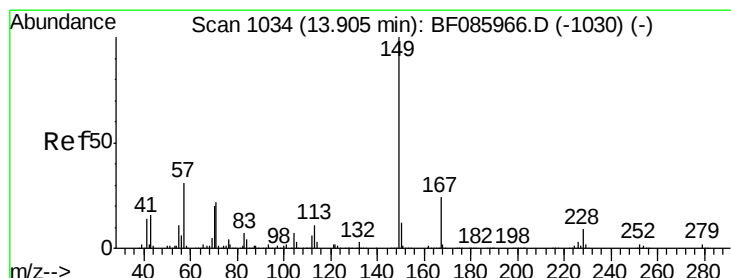
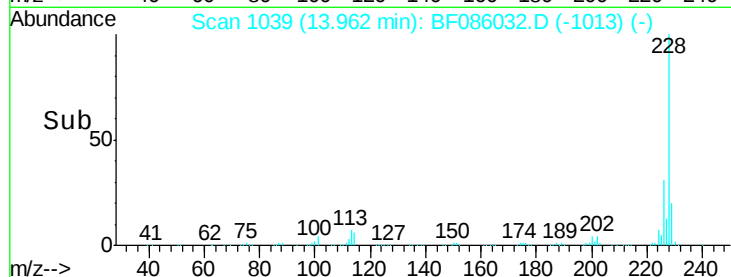
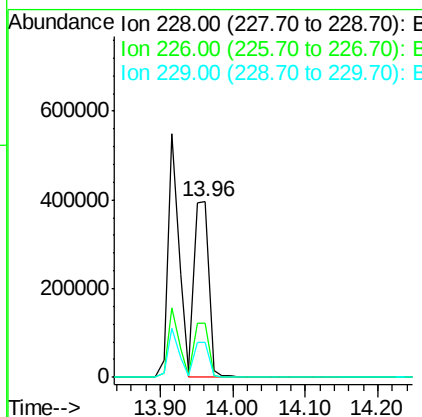
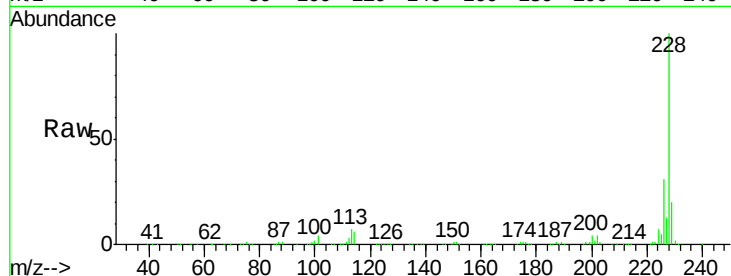




#82
Chrysene
 Concen: 43.62 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

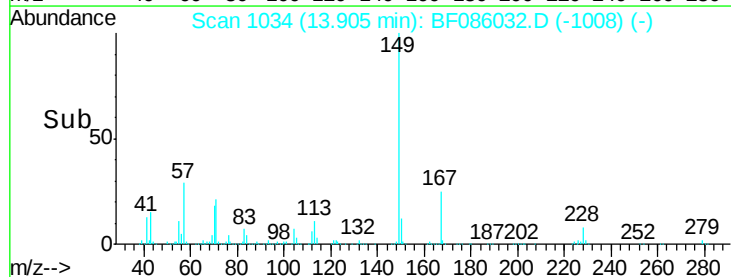
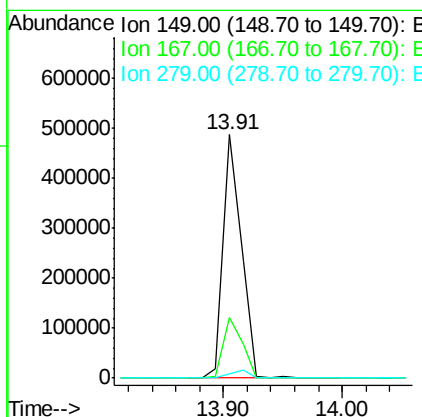
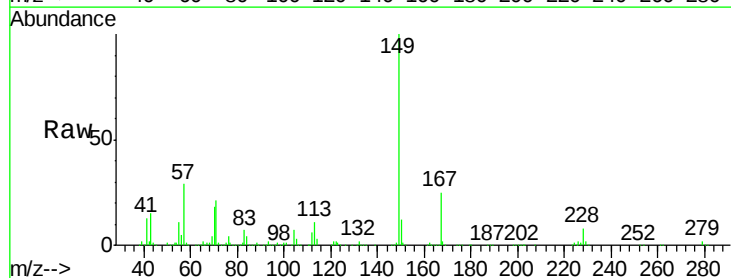
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

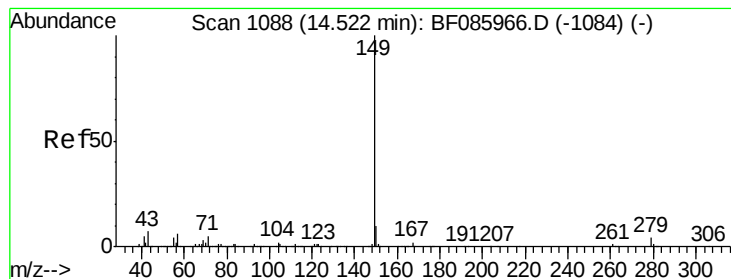
Tgt Ion: 228 Resp: 562332
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 19.8 15.7 23.5



#83
Bis(2-ethylhexyl)phthalate
 Concen: 53.78 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF086032.D
 Acq: 3 Apr 2016 00:56

Tgt Ion: 149 Resp: 514198
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.4 29.2
 279 2.0 1.5 2.3





#84

Di-n-octyl phthalate

Concen: 56.41 ng

RT: 14.52 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

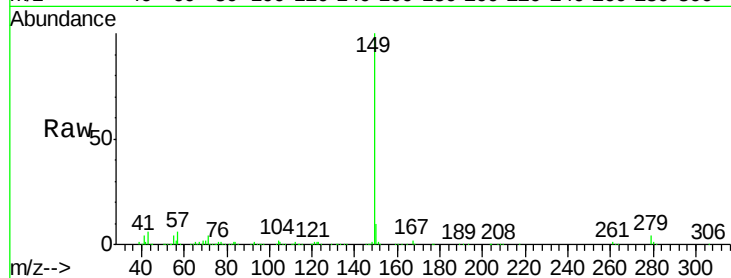
Tgt Ion:149 Resp: 861227

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

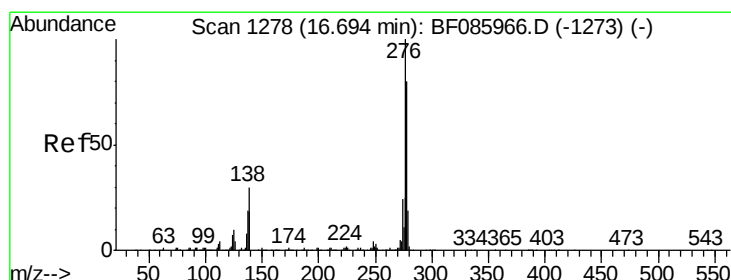
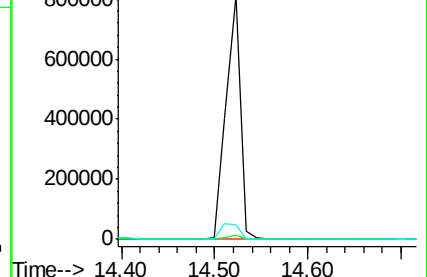
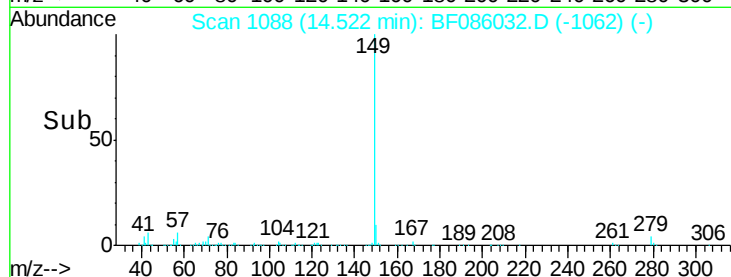
43 8.1 7.1 10.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 59.21 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

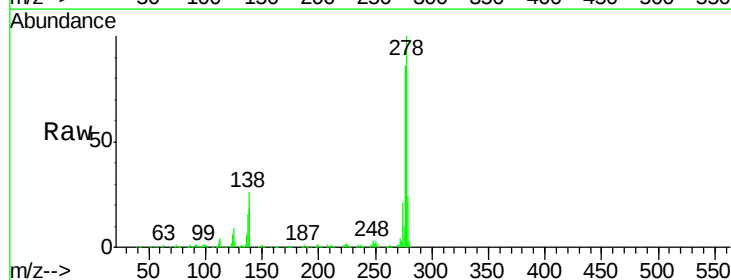
Tgt Ion:276 Resp: 619278

Ion Ratio Lower Upper

276 100

138 29.9 24.2 36.4

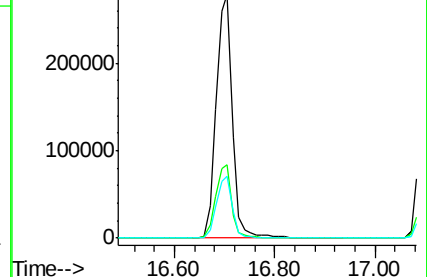
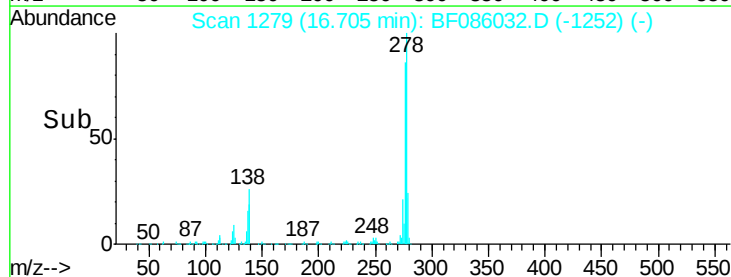
277 25.0 20.0 30.0

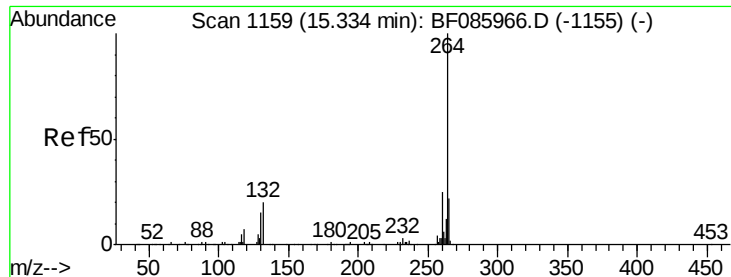


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

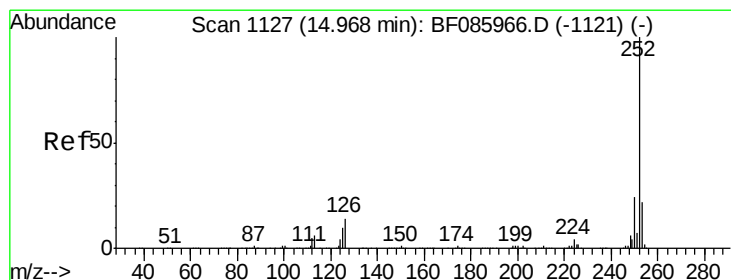
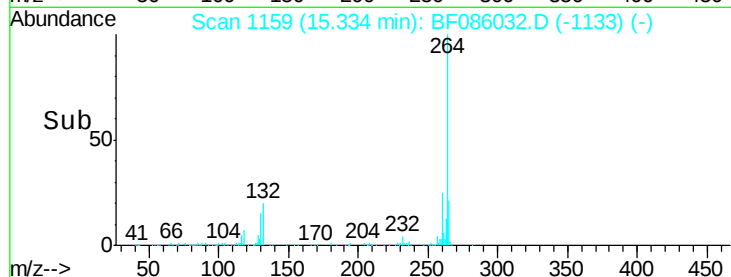
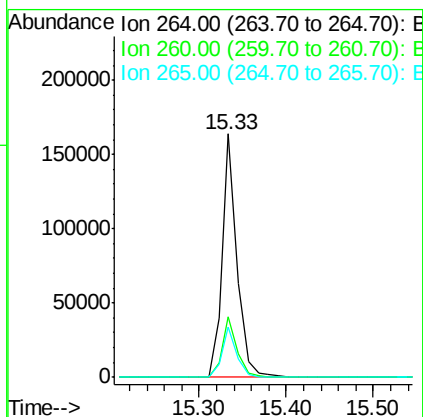
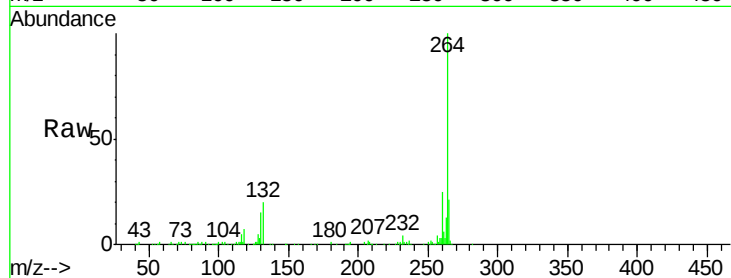




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

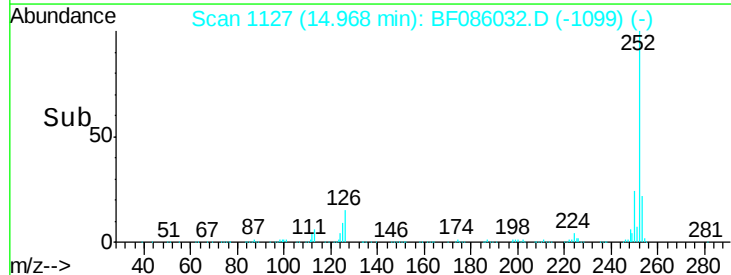
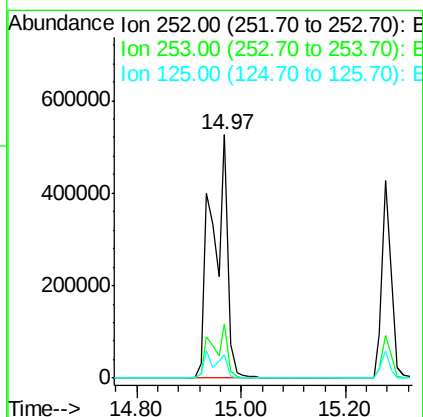
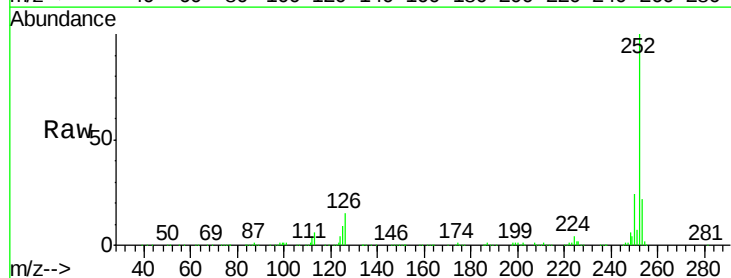
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

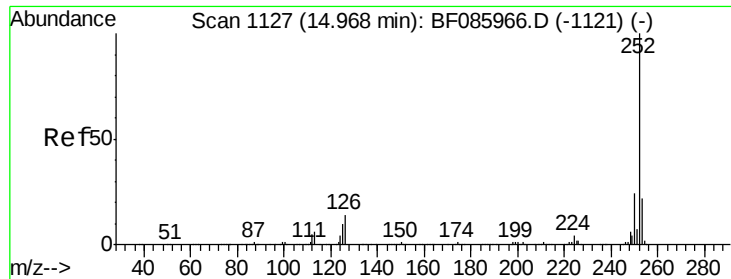
Tgt Ion: 264 Resp: 195255
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 20.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 90.33 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Tgt Ion: 252 Resp: 1109547
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.5 10.3 15.5#

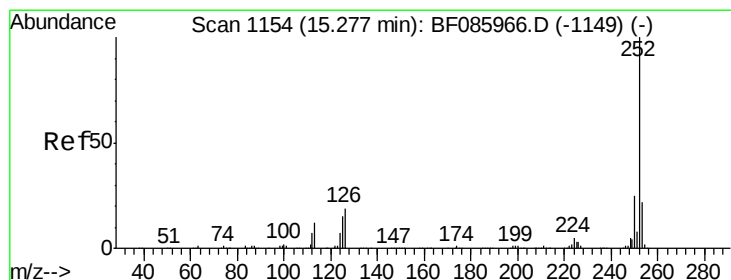
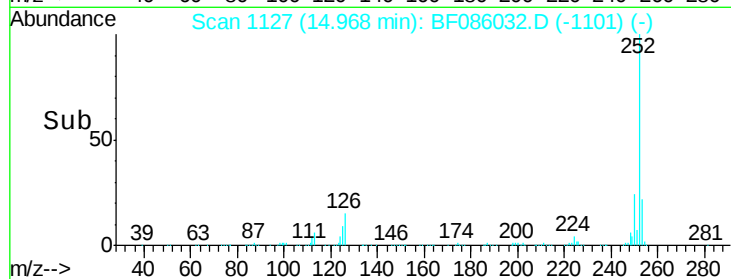
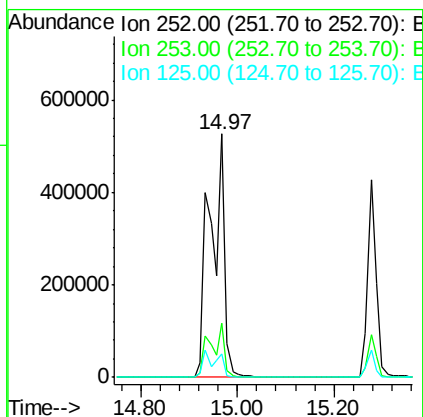
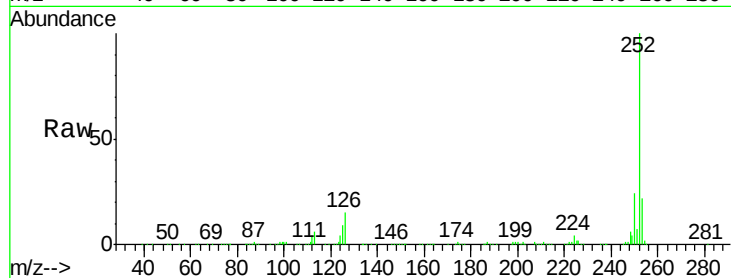




#88
Benzo(k)fluoranthene
Concen: 102.06 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

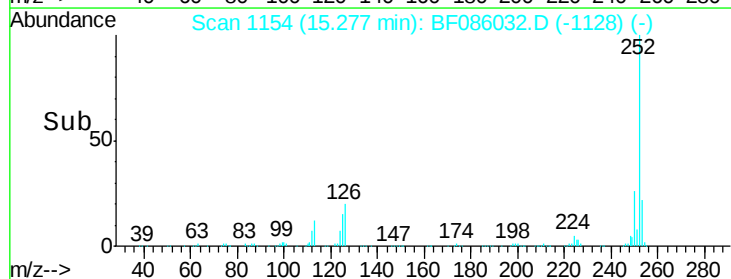
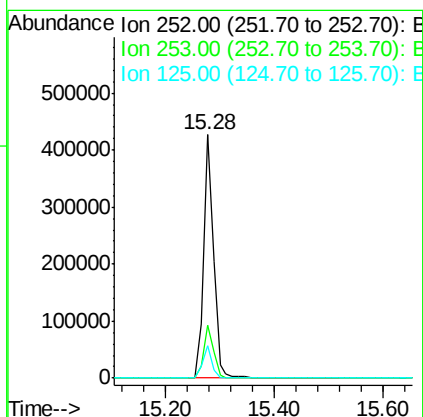
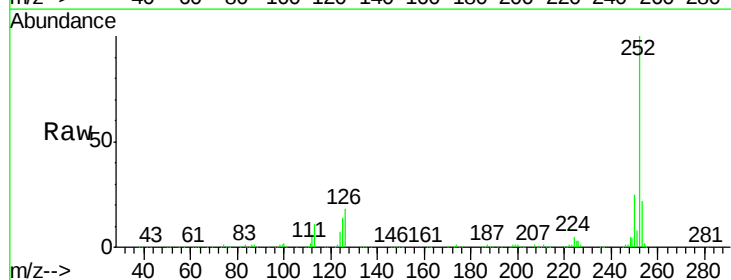
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

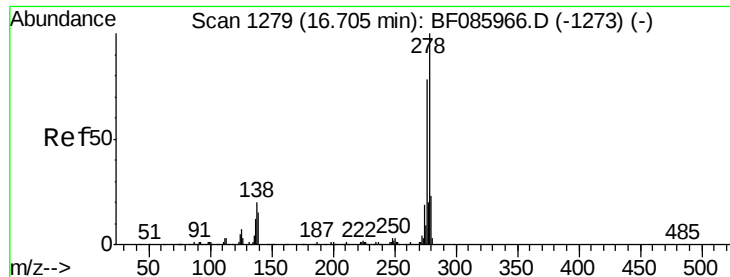
Tgt Ion:252 Resp: 1110119
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.5 7.7 11.5



#89
Benzo(a)pyrene
Concen: 49.03 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF086032.D
Acq: 3 Apr 2016 00:56

Tgt Ion:252 Resp: 533567
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 13.5 10.3 15.5





#90

Dibenzo(a,h)anthracene

Concen: 60.61 ng

RT: 16.71 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

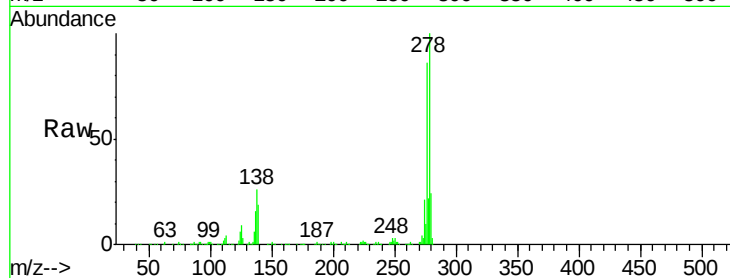
Tgt Ion:278 Resp: 530723

Ion Ratio Lower Upper

278 100

139 18.7 14.4 21.6

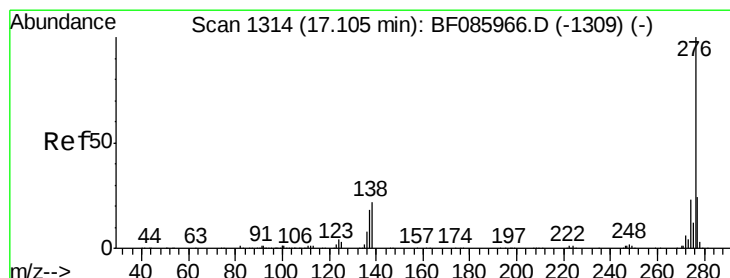
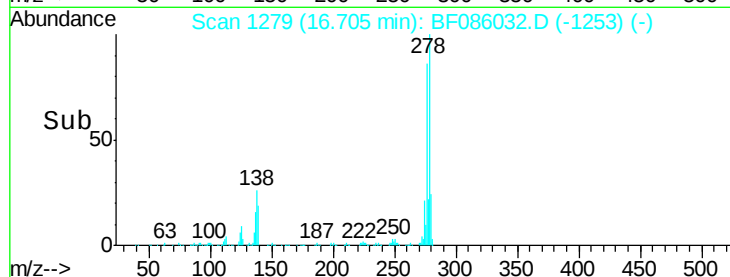
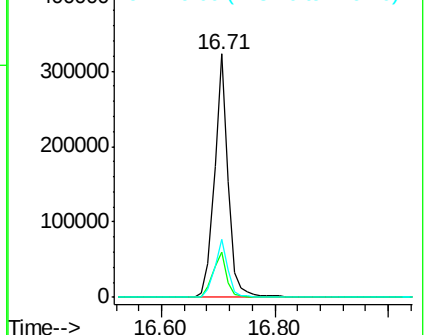
279 23.6 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 58.93 ng

RT: 17.11 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF086032.D

Acq: 3 Apr 2016 00:56

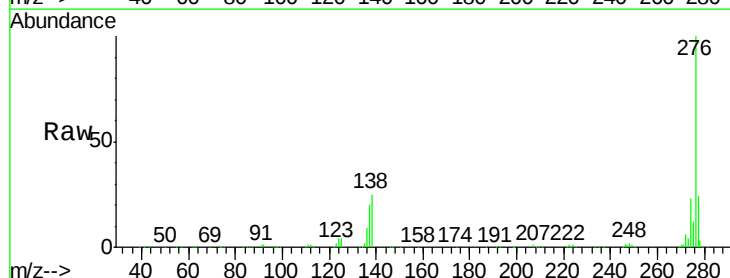
Tgt Ion:276 Resp: 499387

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 24.8 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

