

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086043.D
 Acq On : 4 Apr 2016 17:35
 Operator : UM/SJ
 Sample : H2180-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Quant Time: Apr 05 00:57:50 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	6.76	152	122280	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	466689	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	195520	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	308132	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	206222	20.00	ng	-0.01
86) Perylene-d12	15.32	264	181889	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	946041	132.24	ng	0.00
7) Phenol-d6	6.42	99	1163909	128.09	ng	0.00
23) Nitrobenzene-d5	7.33	82	724712	91.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	218667	119.16	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1109362	94.34	ng	-0.01
78) Terphenyl-d14	12.86	244	766327	87.35	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	128365	37.85	ng	99
3) Pyridine	3.05	79	361947	47.67	ng	99
4) n-Nitrosodimethylamine	3.00	42	150629	45.11	ng	99
6) Aniline	6.50	93	581048	48.74	ng	# 62
8) 2-Chlorophenol	6.56	128	347739	40.76	ng	96
9) Benzaldehyde	6.30	77	150111	30.70	ng	91
10) Phenol	6.43	94	397323	38.33	ng	100
11) bis(2-Chloroethyl)ether	6.50	93	581048	70.79	ng	94
12) 1,3-Dichlorobenzene	6.78	146	377001	41.69	ng	99
13) 1,4-Dichlorobenzene	6.70	146	375922	40.35	ng	96
14) 1,2-Dichlorobenzene	6.93	146	348974	40.70	ng	98
15) Benzyl Alcohol	6.92	79	261633	44.50	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	377725	37.67	ng	65
17) 2-Methylphenol	7.04	107	282104	41.94	ng	96
18) Hexachloroethane	7.28	117	130282	38.02	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	227839	40.45	ng	# 91
20) 3+4-Methylphenols	7.20	107	352079	43.04	ng	# 61
22) Acetophenone	7.18	105	486244	44.32	ng	# 90
24) Nitrobenzene	7.36	77	384083	44.36	ng	94
25) Isophorone	7.60	82	665783	42.62	ng	95
26) 2-Nitrophenol	7.68	139	180684	43.62	ng	# 89
27) 2,4-Dimethylphenol	7.72	122	312829	42.05	ng	94
28) bis(2-Chloroethoxy)methane	7.80	93	387654	42.29	ng	98
29) 2,4-Dichlorophenol	7.92	162	277417	44.11	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	297090	42.08	ng	96
31) Naphthalene	8.08	128	970514	41.34	ng	99
32) Benzoic acid	7.81	122	14083	2.58	ng	97
33) 4-Chloroaniline	8.14	127	152764	16.11	ng	# 96
34) Hexachlorobutadiene	8.19	225	155773	41.04	ng	99
35) Caprolactam	8.51	113	84909	42.55	ng	# 84
36) 4-Chloro-3-methylphenol	8.62	107	296994	42.00	ng	95
37) 2-Methylnaphthalene	8.76	142	620556	40.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	252492	42.97	ng	99
40) Hexachlorocyclopentadiene	8.91	237	60960	37.94	ng	99

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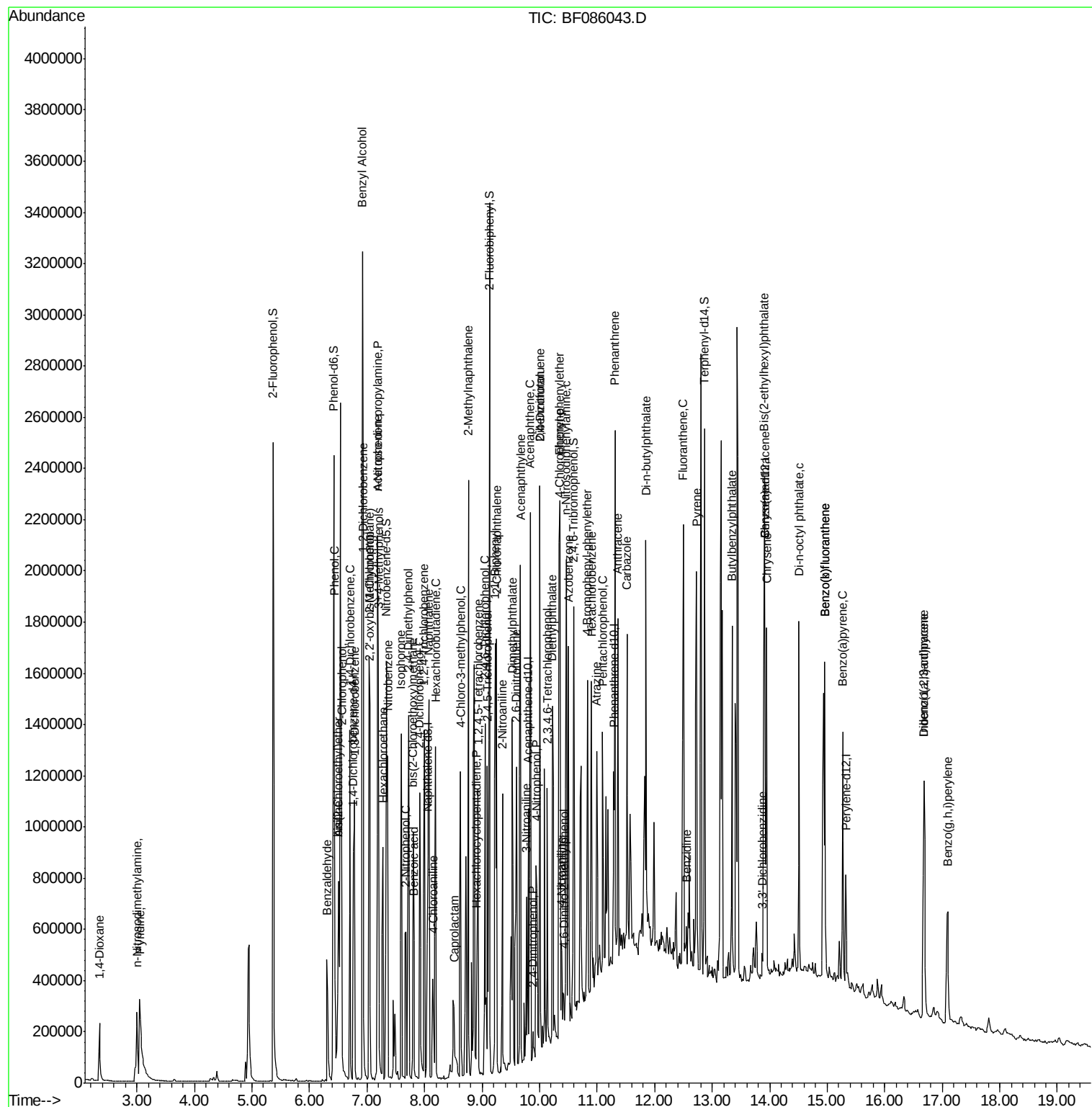
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	175773	46.58	ng	99
43) 2,4,5-Trichlorophenol	9.09	196	180640	47.15	ng #	90
45) 1,1'-Biphenyl	9.23	154	706194	41.89	ng	95
46) 2-Chloronaphthalene	9.25	162	546754	44.74	ng	97
47) 2-Nitroaniline	9.36	65	181585	50.78	ng	93
48) Acenaphthylene	9.66	152	842827	43.05	ng	100
49) Dimethylphthalate	9.53	163	732750	50.56	ng	100
50) 2,6-Dinitrotoluene	9.60	165	132112	43.09	ng	93
51) Acenaphthene	9.84	154	494904	42.51	ng	99
52) 3-Nitroaniline	9.77	138	115403	31.23	ng	94
53) 2,4-Dinitrophenol	9.88	184	20917	18.23	ng	94
54) Dibenzofuran	10.01	168	680365	44.25	ng	98
55) 4-Nitrophenol	9.94	139	167613	76.94	ng #	80
56) 2,4-Dinitrotoluene	10.01	165	150261	38.78	ng #	77
57) Fluorene	10.35	166	541631	41.24	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	126209	44.24	ng	97
59) Diethylphthalate	10.22	149	565723	38.68	ng	96
60) 4-Chlorophenyl-phenylether	10.34	204	238774	39.03	ng	98
61) 4-Nitroaniline	10.38	138	112176	30.82	ng	93
62) Azobenzene	10.50	77	604166	43.12	ng	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	29205	15.64	ng #	65
65) n-Nitrosodiphenylamine	10.46	169	479098	49.72	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	150554	47.86	ng	98
67) Hexachlorobenzene	10.90	284	148514	45.65	ng #	93
68) Atrazine	10.99	200	129867	41.71	ng	95
69) Pentachlorophenol	11.09	266	130494	85.59	ng	98
70) Phenanthrene	11.31	178	805221	47.90	ng	99
71) Anthracene	11.36	178	722566	41.03	ng	99
72) Carbazole	11.52	167	572061	37.79	ng	98
73) Di-n-butylphthalate	11.85	149	792711	42.26	ng	100
74) Fluoranthene	12.50	202	844273	48.29	ng	92
76) Benzidine	12.56	184	1377	0.19	ng #	1
77) Pyrene	12.73	202	822742	56.62	ng	100
79) Butylbenzylphthalate	13.35	149	308734	47.18	ng #	82
80) Benzo(a)anthracene	13.92	228	606776	49.92	ng	98
81) 3,3'-Dichlorobenzidine	13.87	252	31429	3.54	ng #	94
82) Chrysene	13.95	228	591820	50.54	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	523506	60.28	ng #	93
84) Di-n-octyl phthalate	14.51	149	721787	52.04	ng	98
85) Indeno(1,2,3-cd)pyrene	16.68	276	449351	47.30	ng	99
87) Benzo(b)fluoranthene	14.96	252	1079928	94.38	ng	98
88) Benzo(k)fluoranthene	14.96	252	1079928	106.58	ng	98
89) Benzo(a)pyrene	15.27	252	488187	48.16	ng #	96
90) Dibenzo(a,h)anthracene	16.68	278	351245	43.06	ng #	95
91) Benzo(g,h,i)perylene	17.09	276	375338	47.55	ng	94

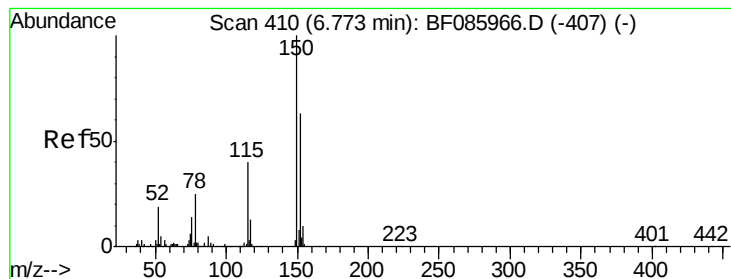
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

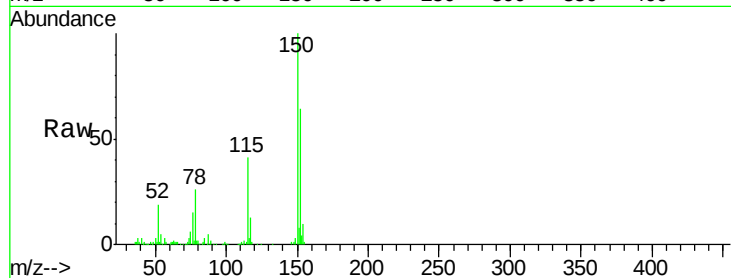
Tgt Ion:152 Resp: 122280

Ion Ratio Lower Upper

152 100

150 156.5 124.2 186.2

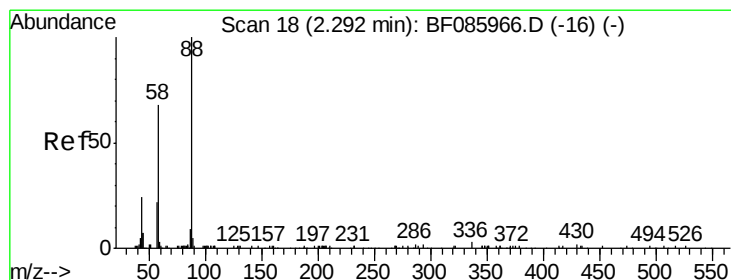
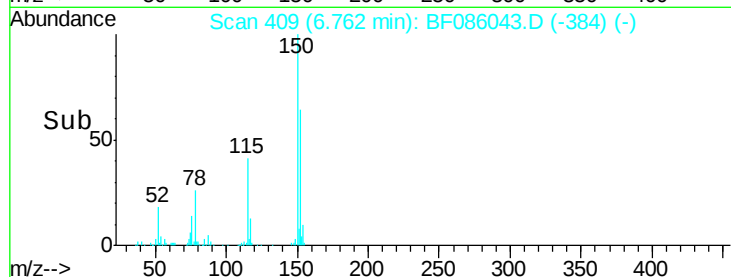
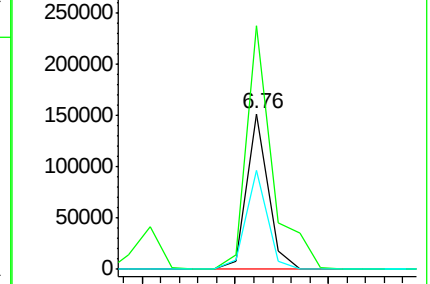
115 63.7 47.0 70.6



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: 37.85 ng

RT: 2.35 min Scan# 23

Delta R.T. 0.06 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

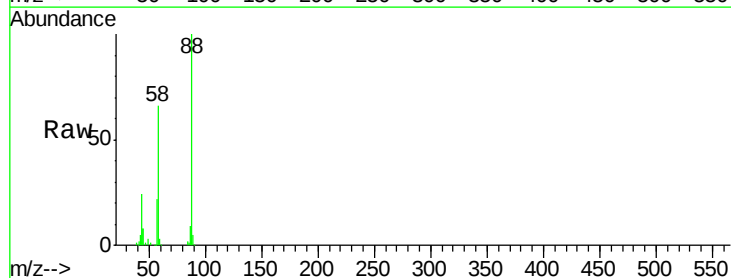
Tgt Ion: 88 Resp: 128365

Ion Ratio Lower Upper

88 100

58 66.8 54.2 81.2

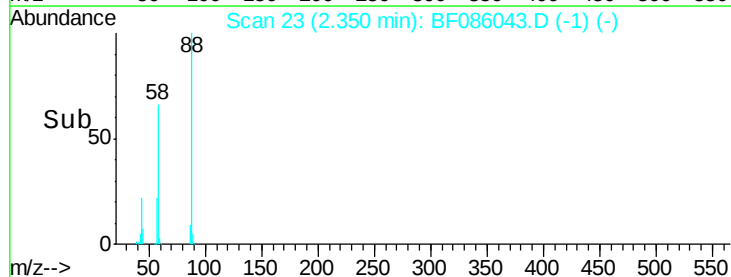
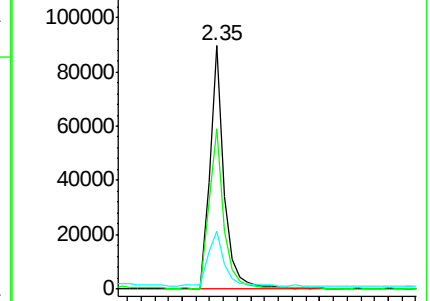
43 24.3 19.3 28.9



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: 47.67 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.05 min

Lab File: BF086043.D

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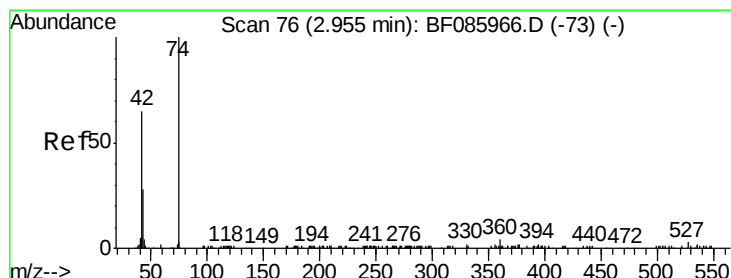
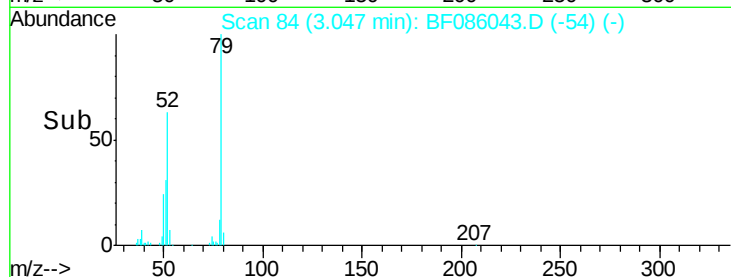
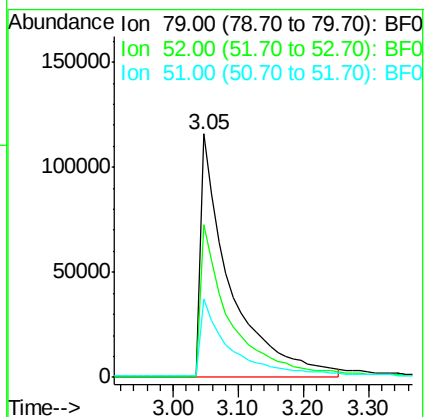
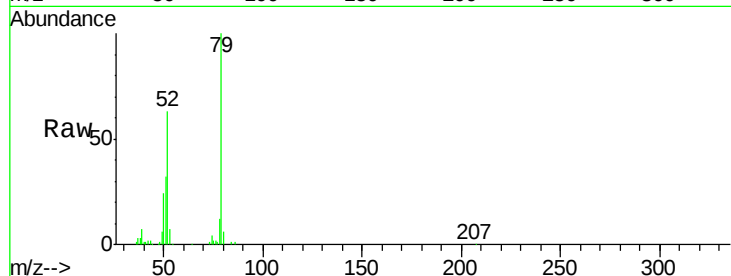
Tgt Ion: 79 Resp: 361947

Ion Ratio Lower Upper

79 100

52 62.9 49.8 74.6

51 32.0 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 45.11 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.05 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

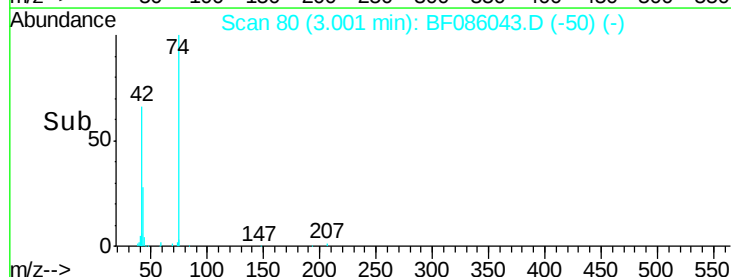
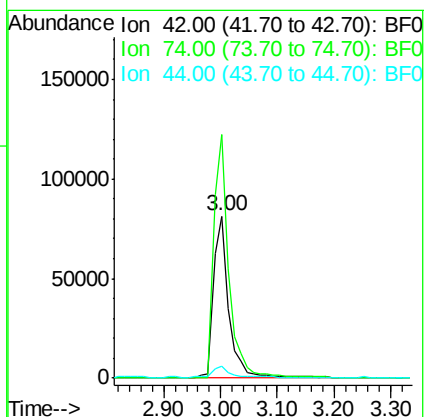
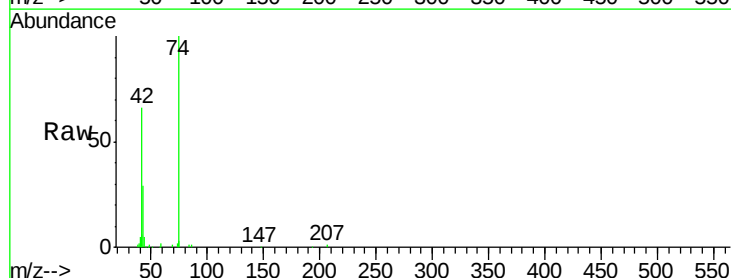
Tgt Ion: 42 Resp: 150629

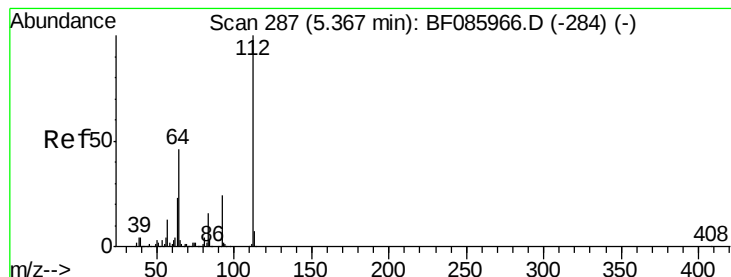
Ion Ratio Lower Upper

42 100

74 150.4 121.4 182.2

44 7.3 5.6 8.4





#5

2-Fluorophenol

Concen: 132.24 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

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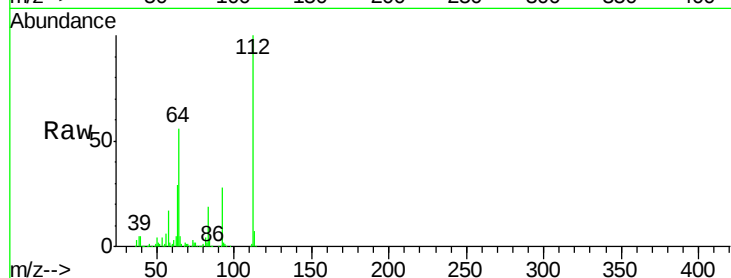
Tgt Ion: 112 Resp: 946041

Ion Ratio Lower Upper

112 100

64 56.4 39.9 59.9

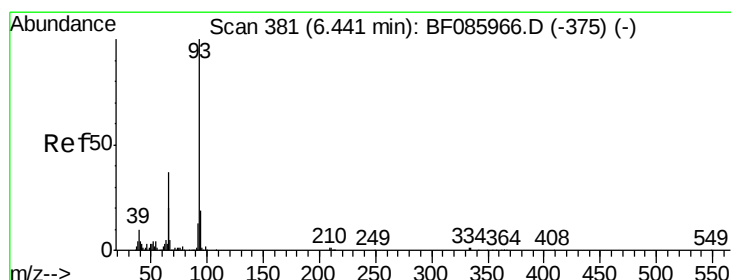
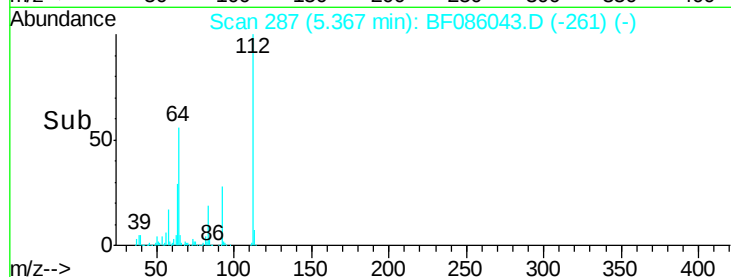
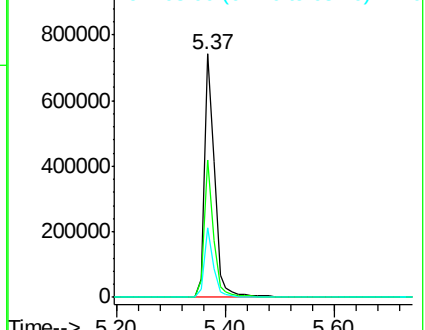
63 28.8 20.2 30.2



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: 48.74 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.06 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

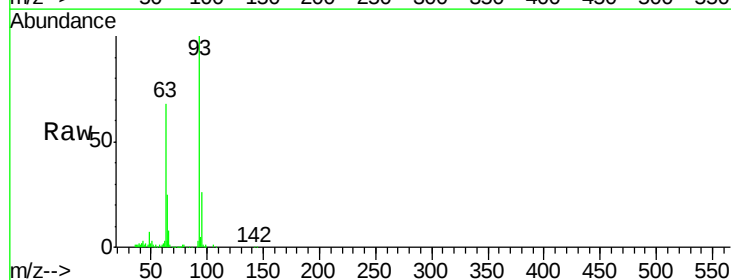
Tgt Ion: 93 Resp: 581048

Ion Ratio Lower Upper

93 100

66 7.6 31.4 47.2#

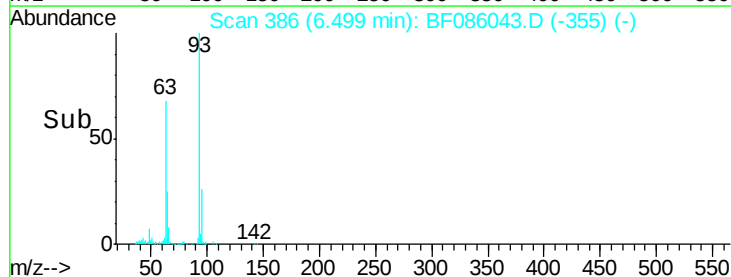
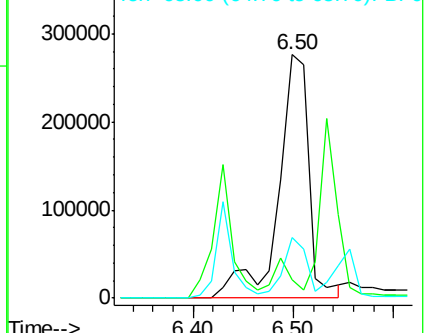
65 25.0 15.7 23.5#

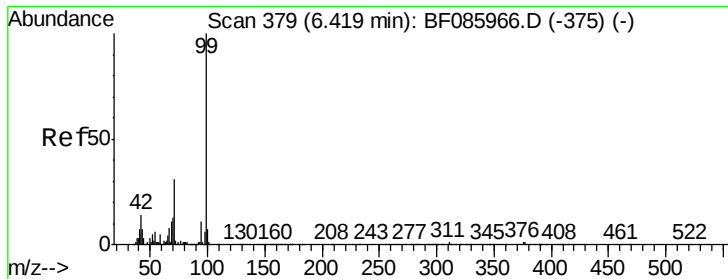


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.09 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

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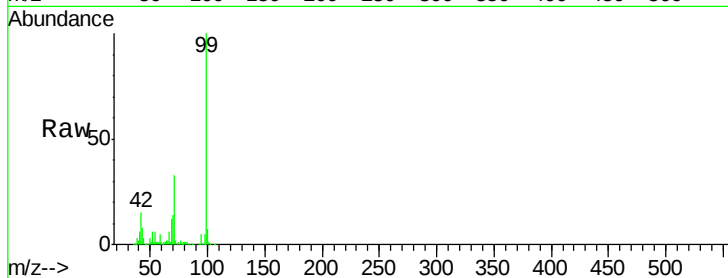
Tgt Ion: 99 Resp: 1163909

Ion Ratio Lower Upper

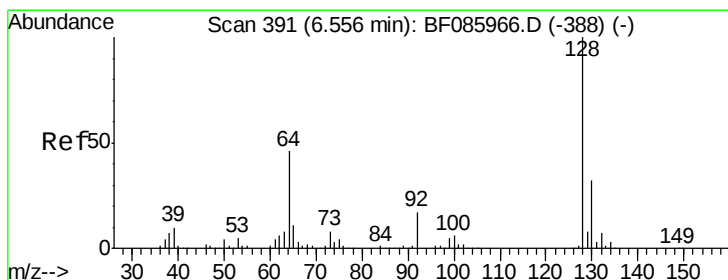
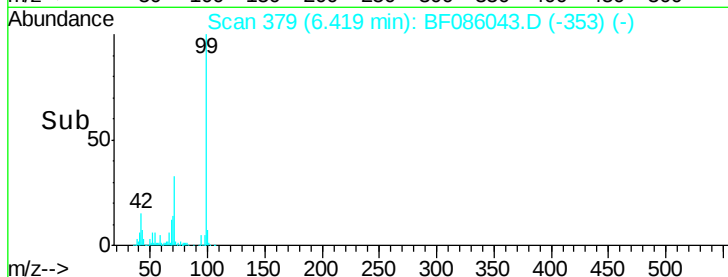
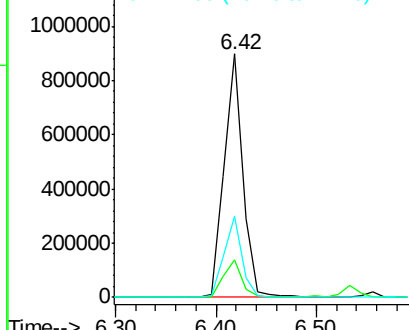
99 100

42 15.2 11.1 16.7

71 33.3 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: 40.76 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

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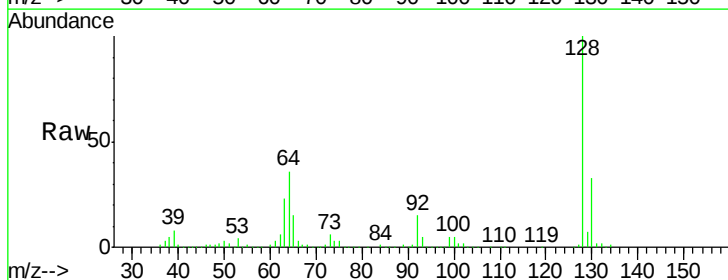
Tgt Ion: 128 Resp: 347739

Ion Ratio Lower Upper

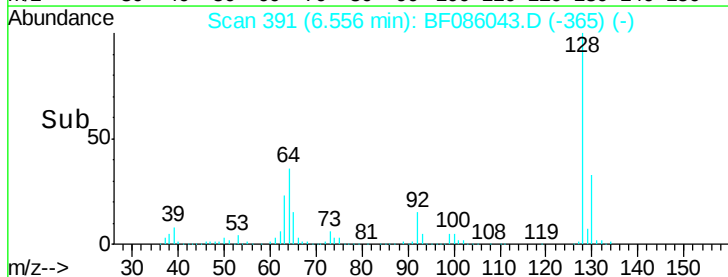
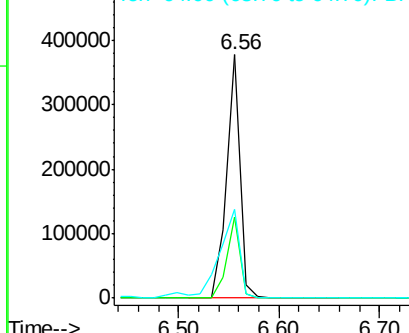
128 100

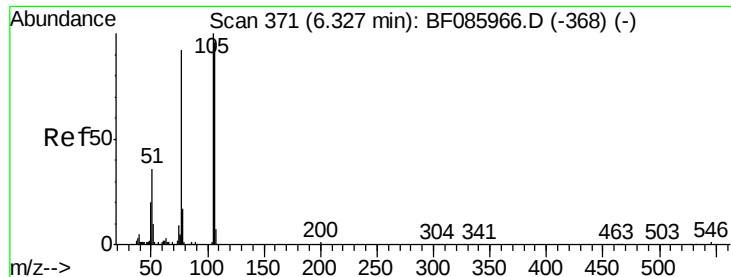
130 33.4 12.9 52.9

64 36.5 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

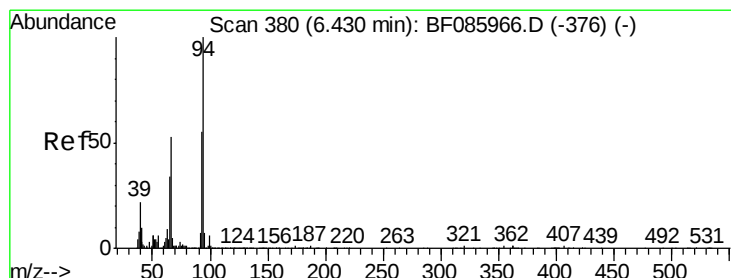
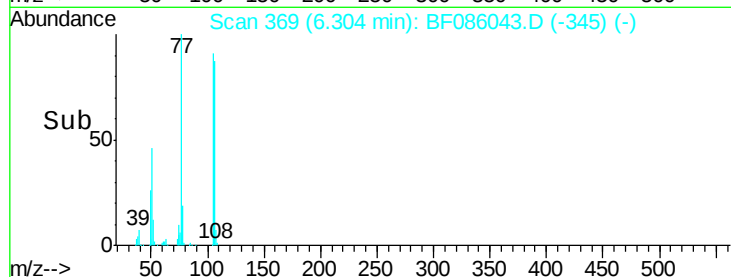
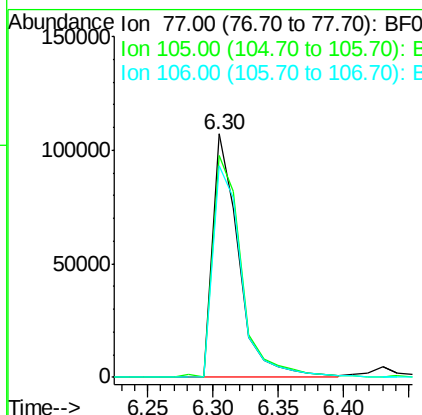
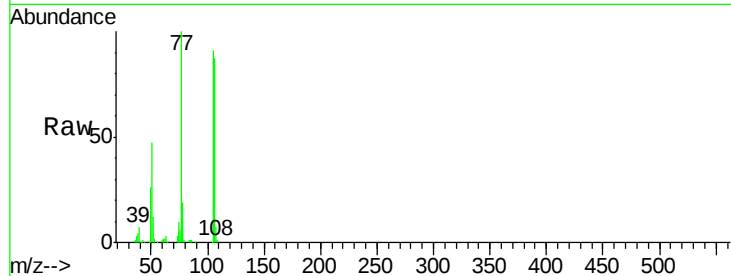




#9
Benzaldehyde
Concen: 30.70 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.02 min
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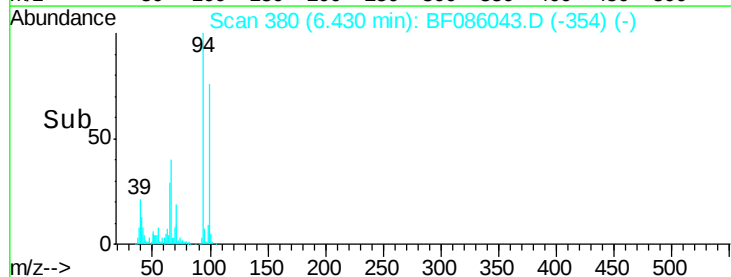
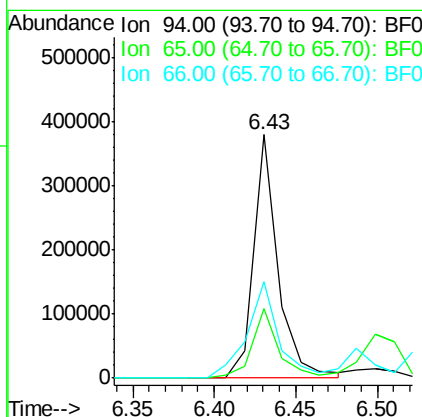
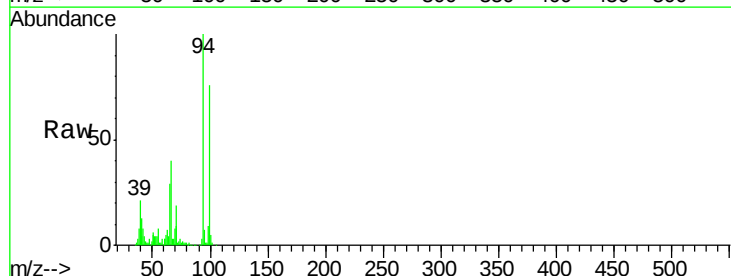
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ClientSampleId :
TK2-1-20160401MS

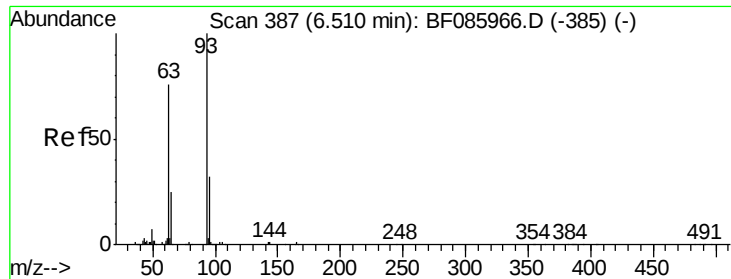
Tgt Ion: 77 Resp: 150111
Ion Ratio Lower Upper
77 100
105 91.1 80.1 120.1
106 87.2 75.0 115.0



#10
Phenol
Concen: 38.33 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion: 94 Resp: 397323
Ion Ratio Lower Upper
94 100
65 28.6 8.6 48.6
66 39.8 20.0 60.0





#11

bis(2-Chloroethyl)ether

Concen: 70.79 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

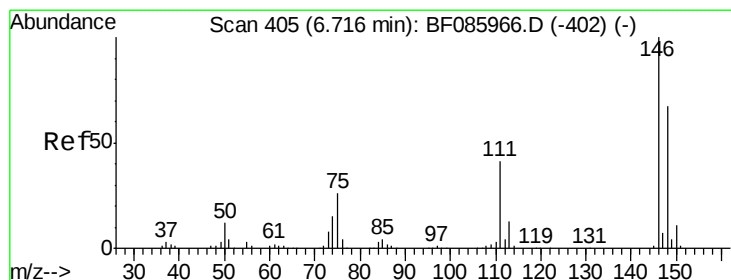
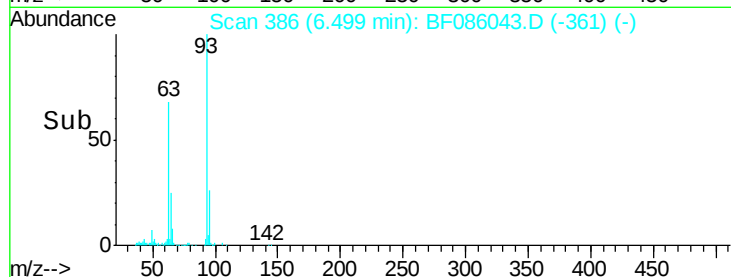
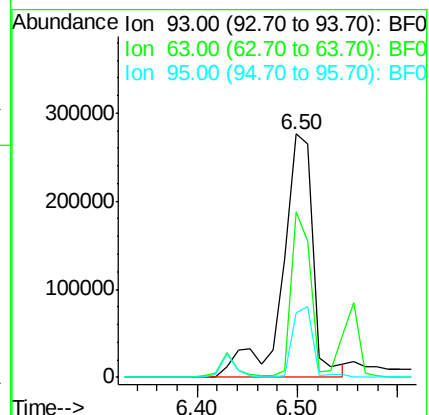
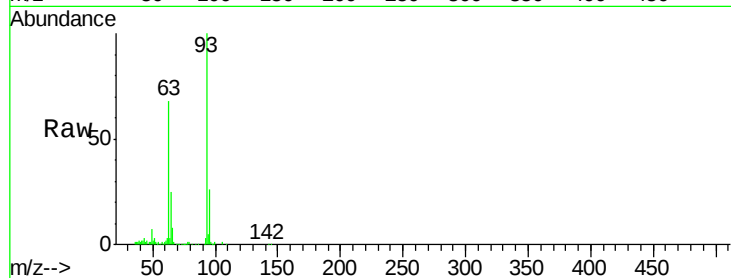
Tgt Ion: 93 Resp: 581048

Ion Ratio Lower Upper

93 100

63 68.1 50.9 90.9

95 26.2 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 41.69 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.07 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

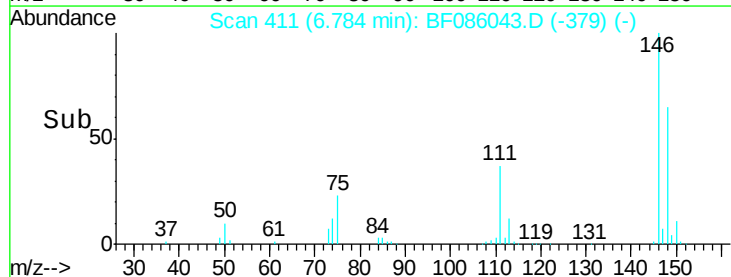
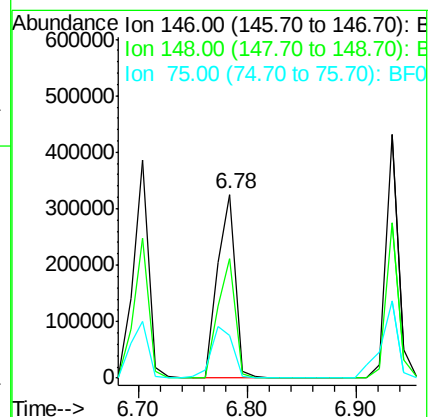
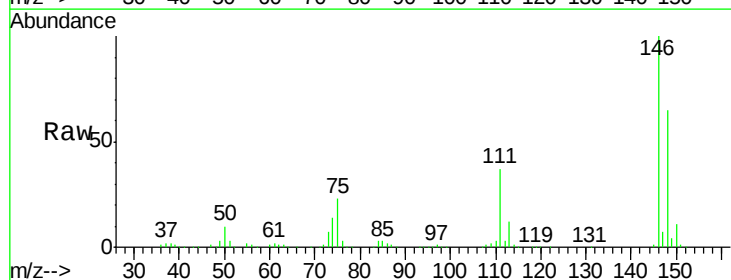
Tgt Ion: 146 Resp: 377001

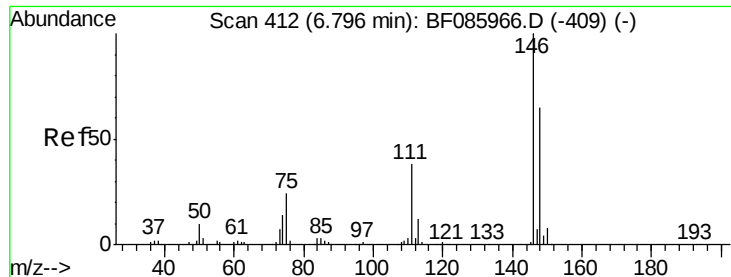
Ion Ratio Lower Upper

146 100

148 65.1 52.3 78.5

75 23.0 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 40.35 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.09 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

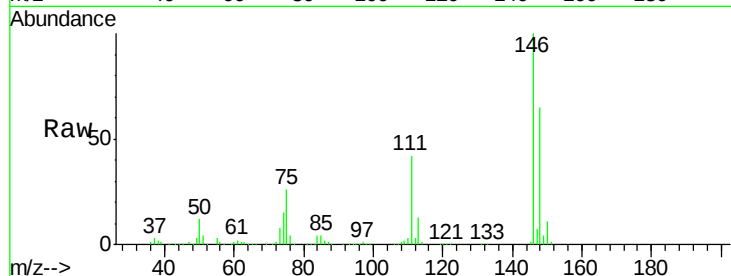
Tgt Ion:146 Resp: 375922

Ion Ratio Lower Upper

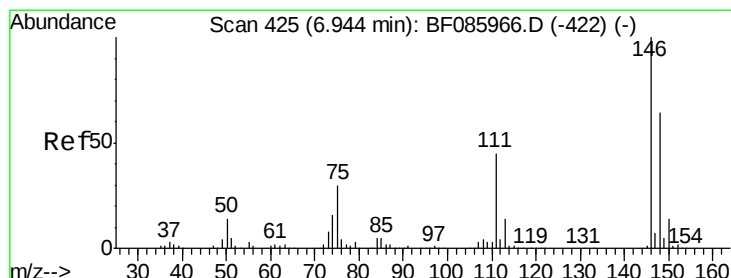
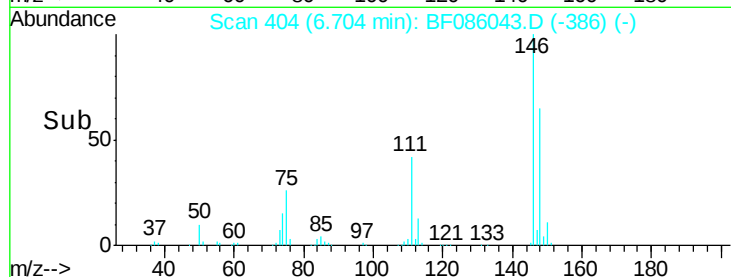
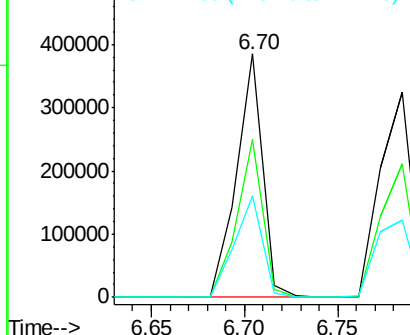
146 100

148 64.6 50.6 76.0

111 41.8 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: 40.70 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

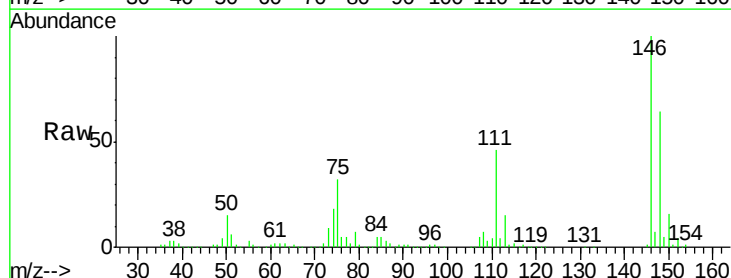
Tgt Ion:146 Resp: 348974

Ion Ratio Lower Upper

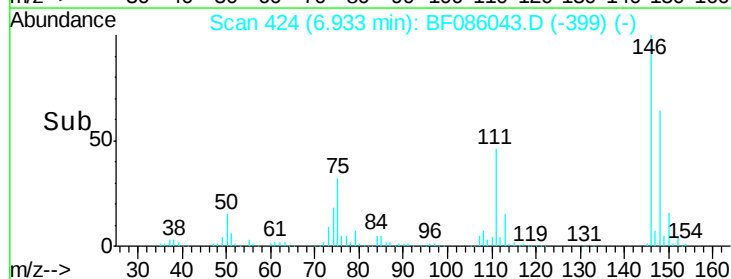
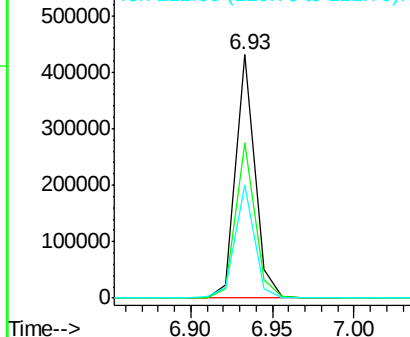
146 100

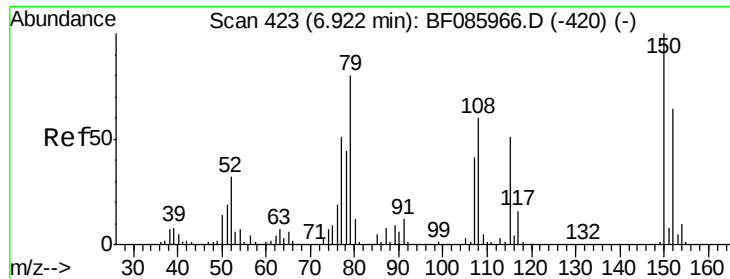
148 63.9 51.4 77.2

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

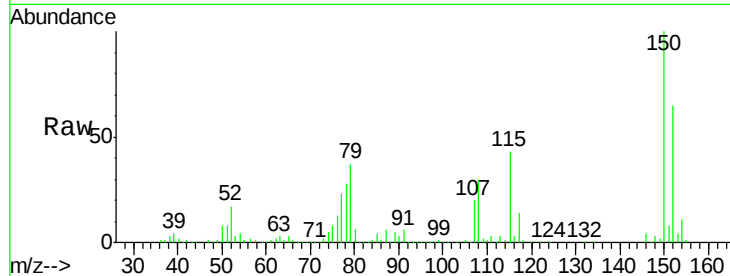




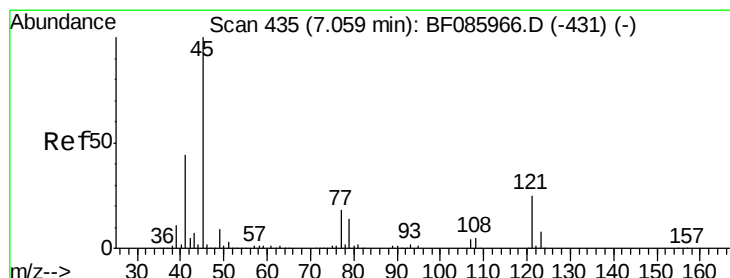
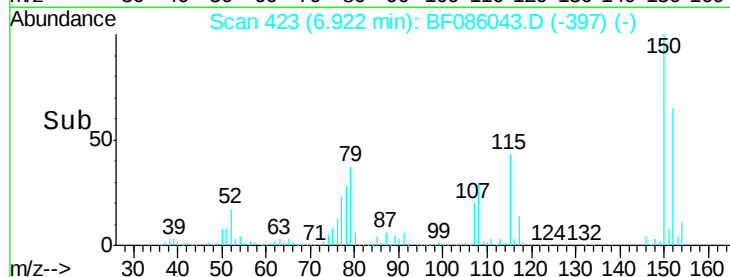
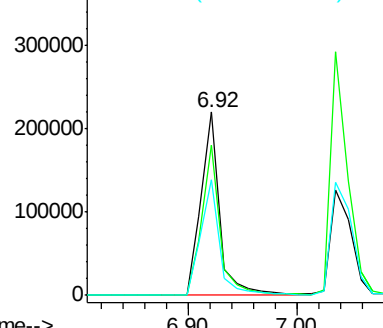
#15
Benzyl Alcohol
Concen: 44.50 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tgt Ion: 79 Resp: 261633
Ion Ratio Lower Upper
79 100
108 81.9 61.8 92.6
77 63.4 49.6 74.4

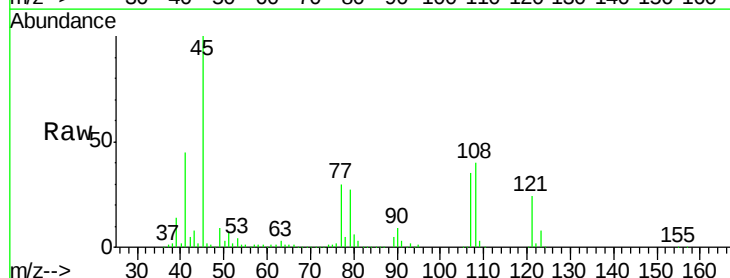


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

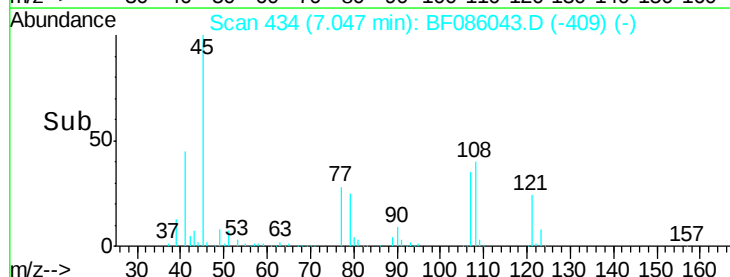
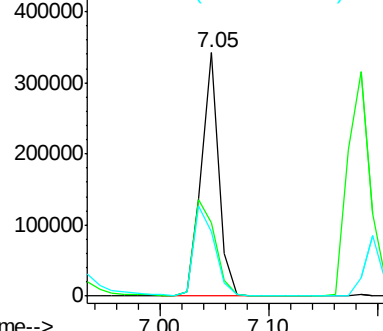


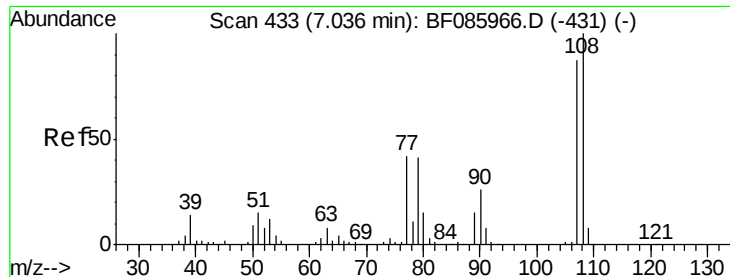
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.67 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion: 45 Resp: 377725
Ion Ratio Lower Upper
45 100
77 30.2 0.0 35.7
79 26.6 0.0 32.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.94 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

Tgt Ion:107 Resp: 282104

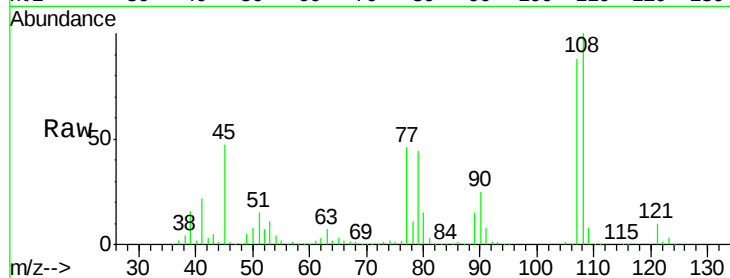
Ion Ratio Lower Upper

107 100

108 113.8 91.4 137.0

77 52.9 36.2 54.2

79 49.5 35.8 53.8

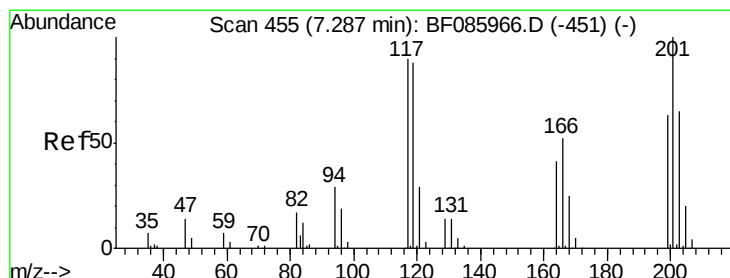
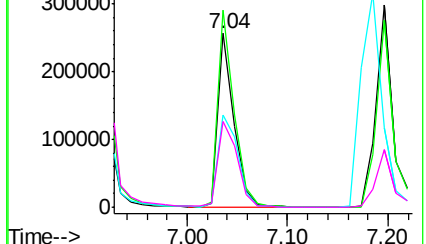
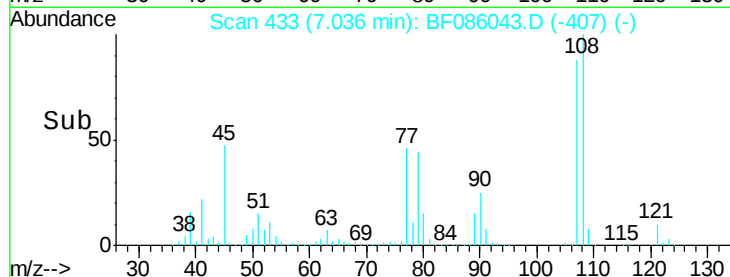


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.02 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

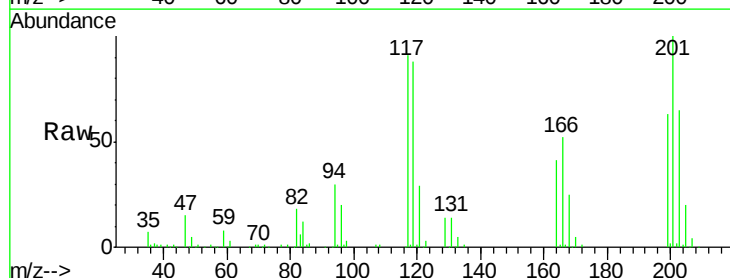
Tgt Ion:117 Resp: 130282

Ion Ratio Lower Upper

117 100

119 96.2 76.7 115.1

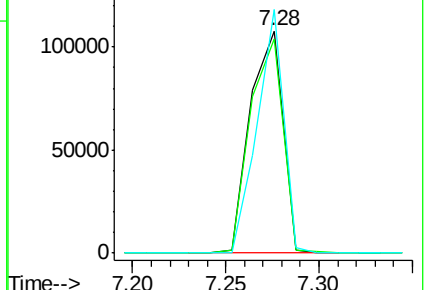
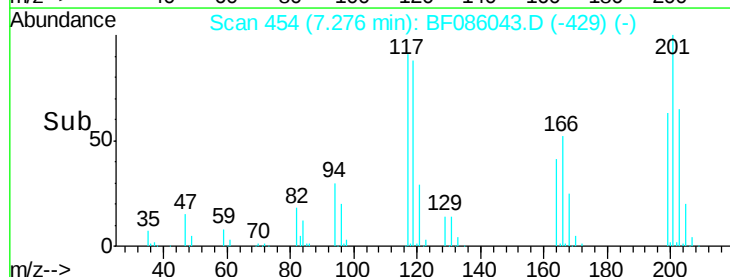
201 109.4 83.3 124.9

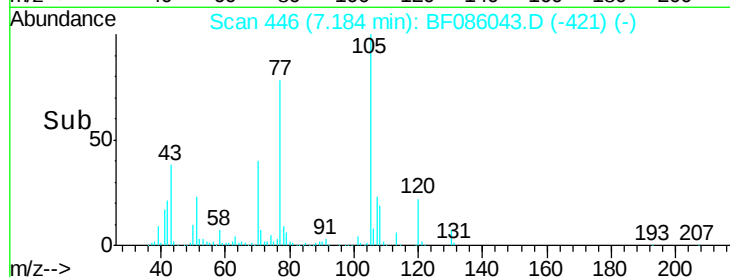
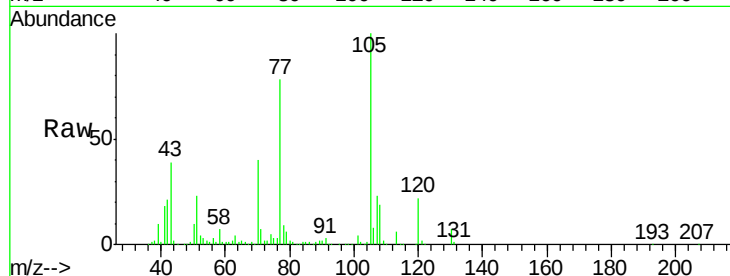
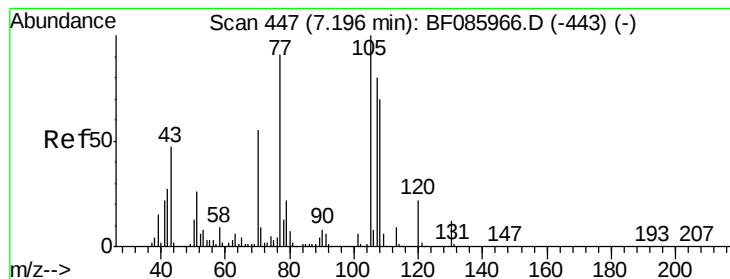


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.45 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

Tgt Ion: 70 Resp: 227839

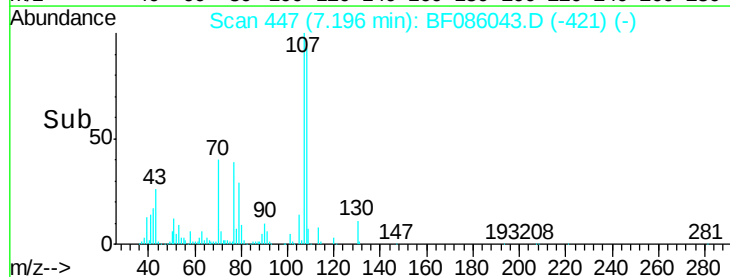
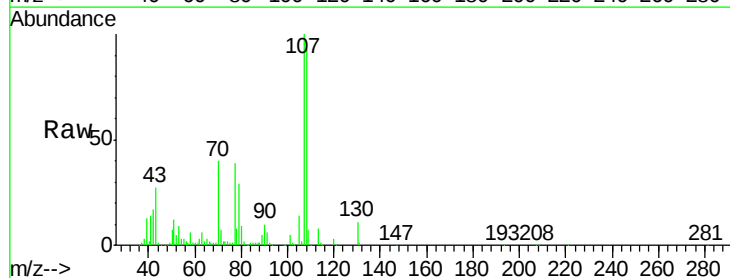
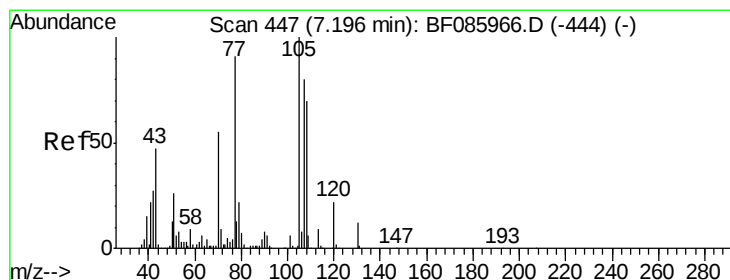
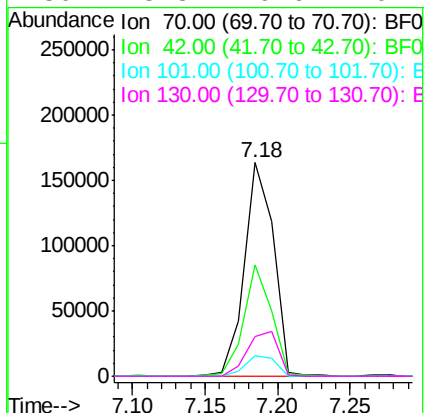
Ion Ratio Lower Upper

70 100

42 52.2 37.1 55.7

101 9.4 8.6 12.8

130 18.3 19.6 29.4#



#20

3+4-Methylphenols

Concen: 43.04 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion: 107 Resp: 352079

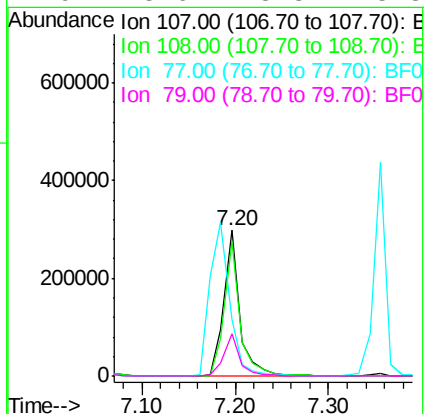
Ion Ratio Lower Upper

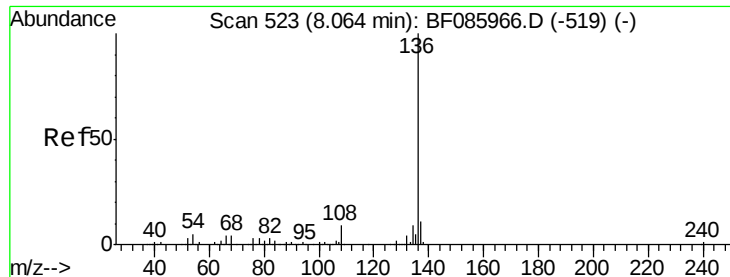
107 100

108 92.6 69.3 109.3

77 39.1 101.7 141.7#

79 28.6 8.3 48.3

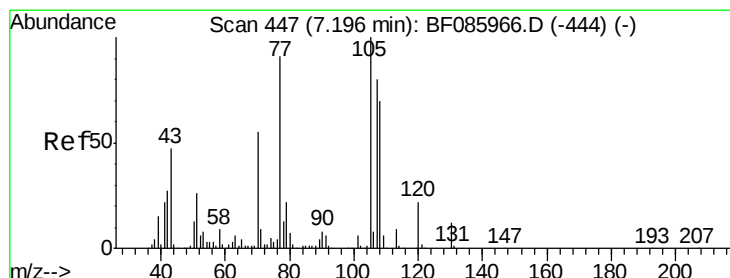
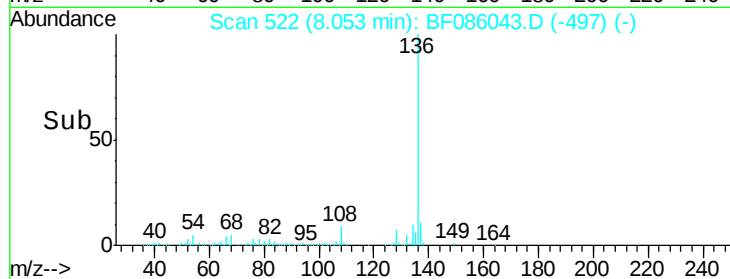
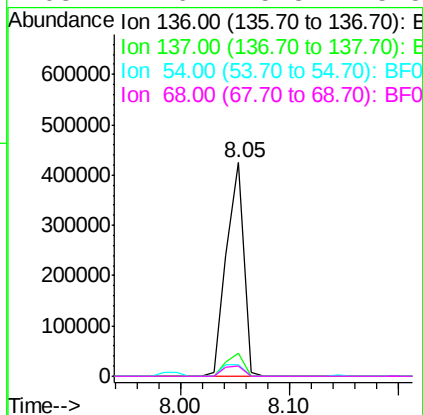
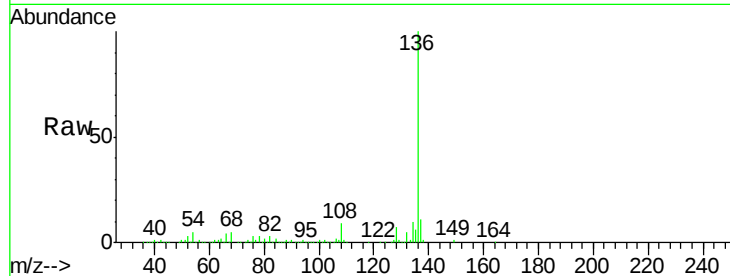




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

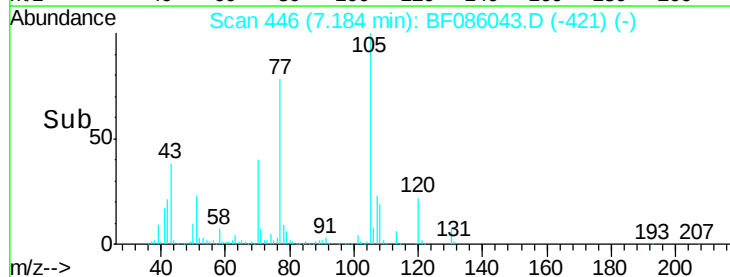
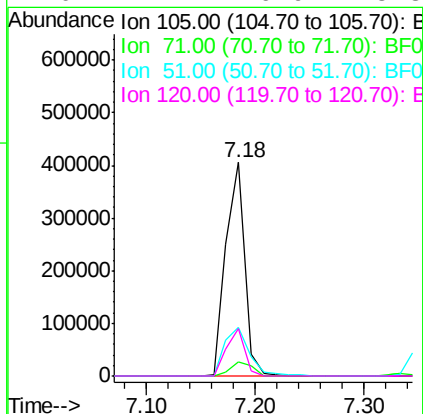
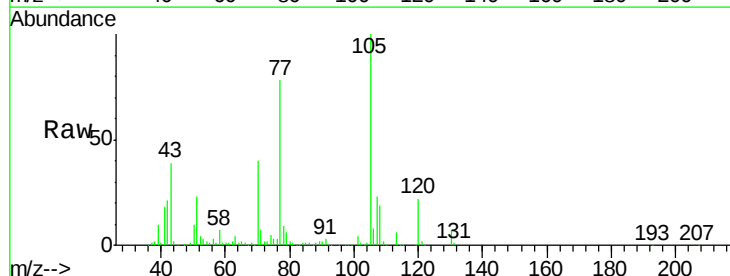
Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

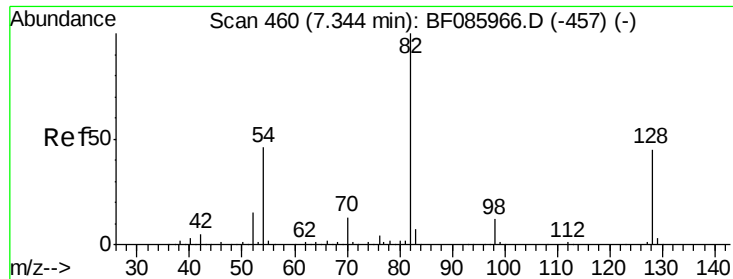
Tgt Ion:	136	Resp:	466689
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.1	7.4	11.0#
68	4.6	5.8	8.8#



#22
Acetophenone
Concen: 44.32 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion:	105	Resp:	486244
Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.6	5.4#
51	22.9	25.4	38.0#
120	22.1	16.9	25.3

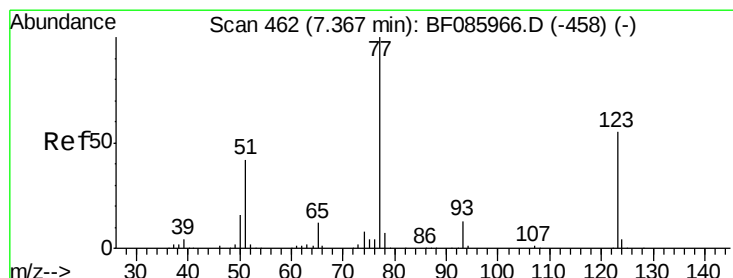
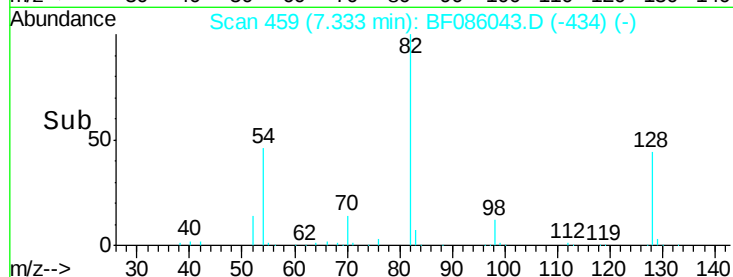
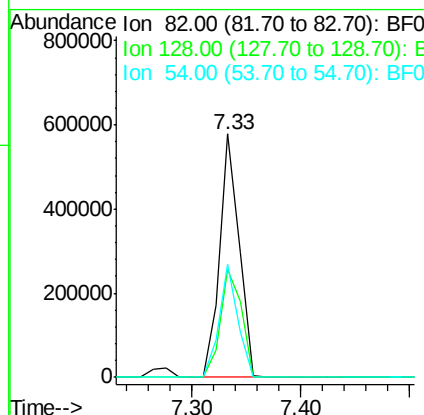
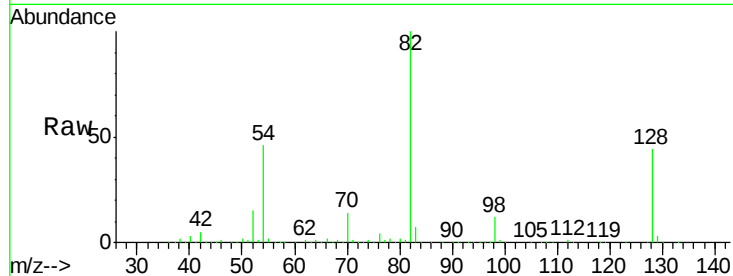




#23
 Nitrobenzene-d5
 Concen: 91.58 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

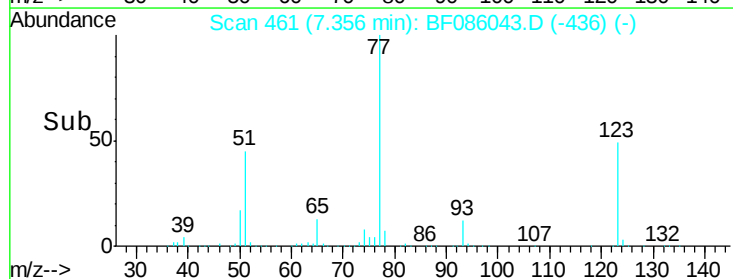
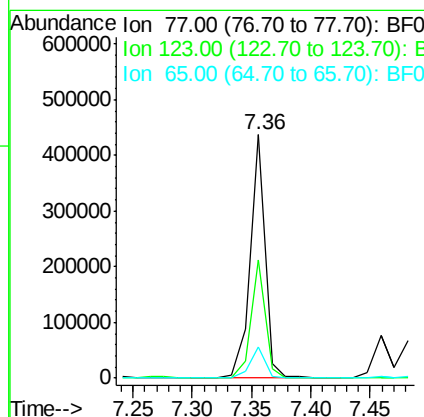
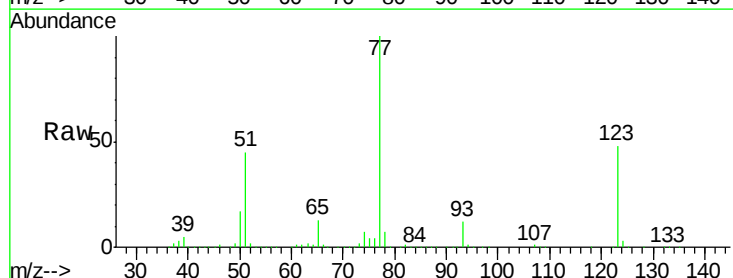
Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

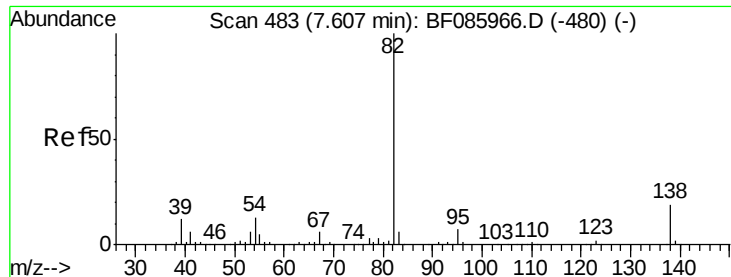
Tgt Ion: 82 Resp: 724712
 Ion Ratio Lower Upper
 82 100
 128 44.4 41.8 62.8
 54 46.2 33.4 50.0



#24
 Nitrobenzene
 Concen: 44.36 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion: 77 Resp: 384083
 Ion Ratio Lower Upper
 77 100
 123 48.4 35.0 52.4
 65 12.8 10.6 16.0





#25

Isophorone

Concen: 42.62 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

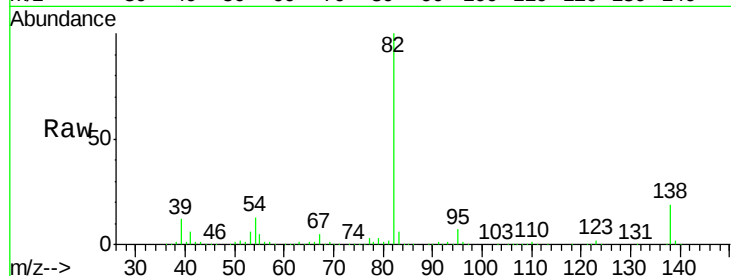
Tgt Ion: 82 Resp: 665783

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

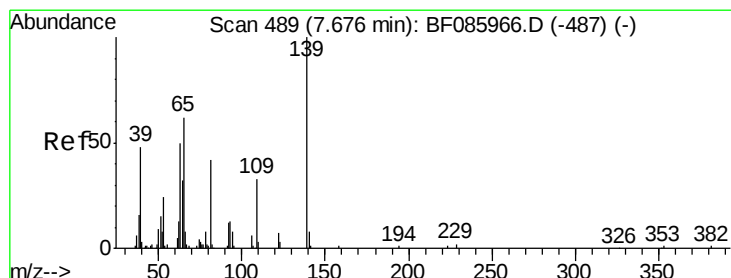
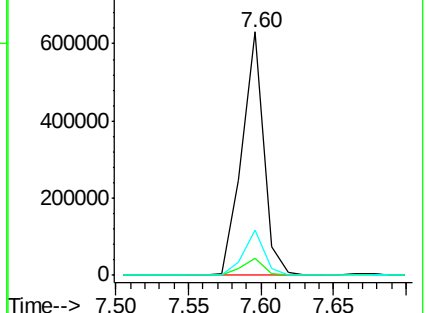
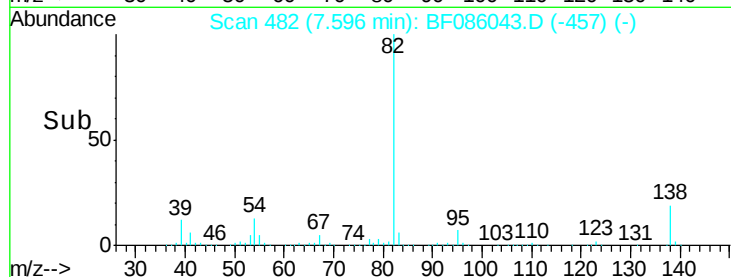
138 18.8 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.62 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

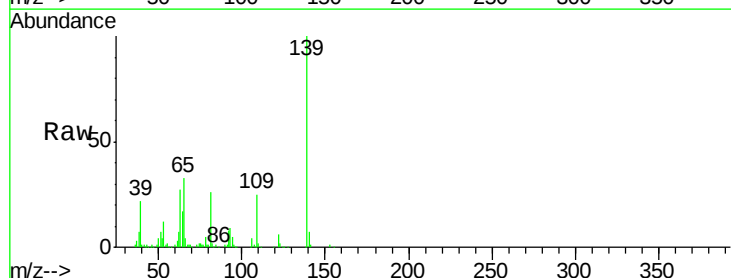
Tgt Ion: 139 Resp: 180684

Ion Ratio Lower Upper

139 100

109 25.4 22.1 33.1

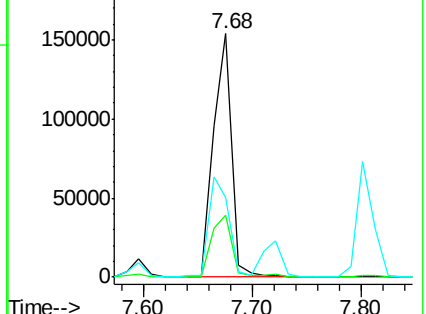
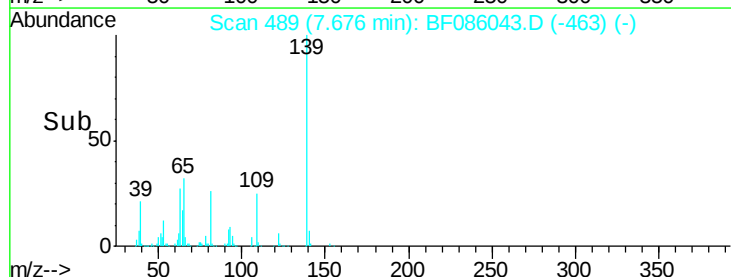
65 32.5 33.9 50.9#

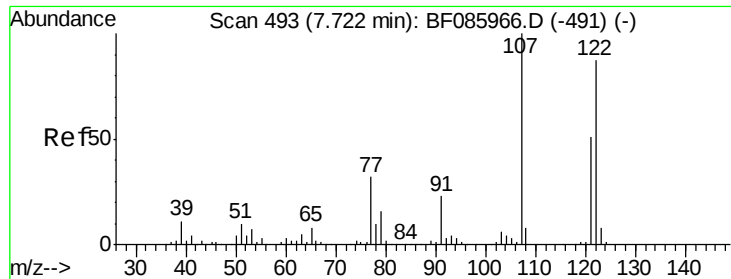


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.05 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

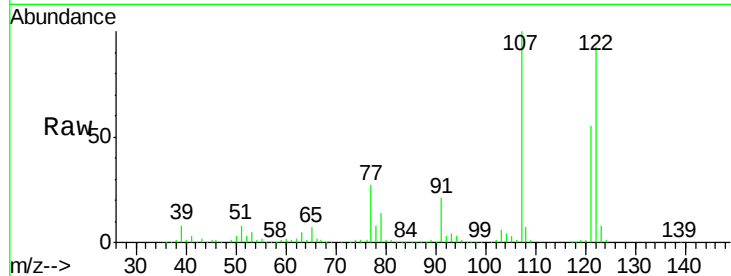
Tgt Ion:122 Resp: 312829

Ion Ratio Lower Upper

122 100

107 107.0 93.0 139.6

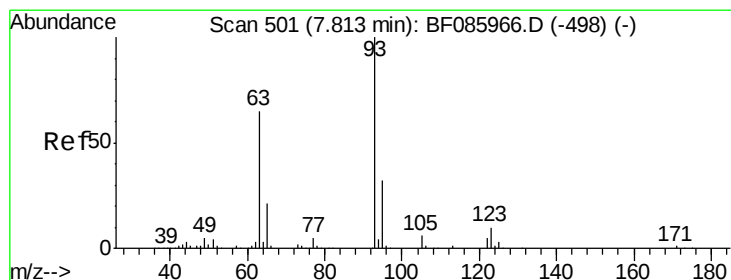
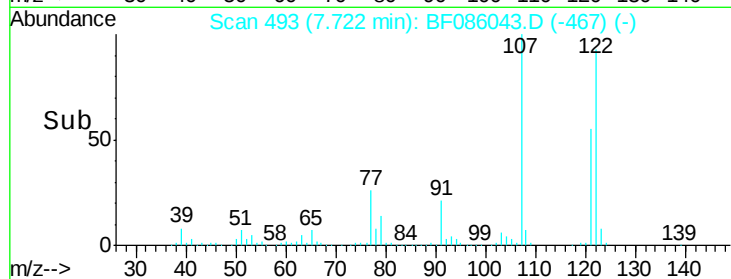
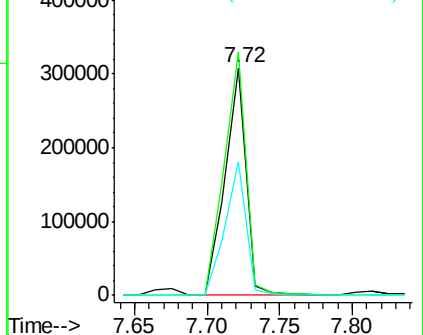
121 58.6 45.9 68.9



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: 42.29 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

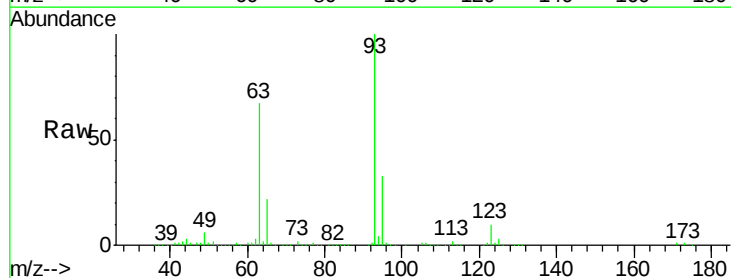
Tgt Ion: 93 Resp: 387654

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

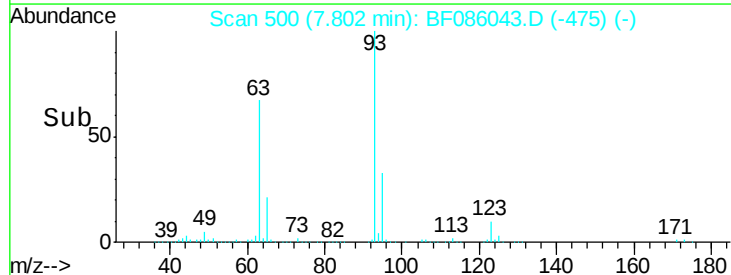
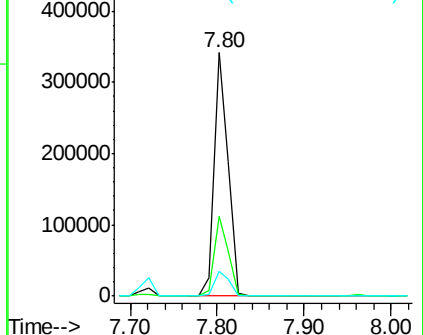
123 10.0 9.8 14.6

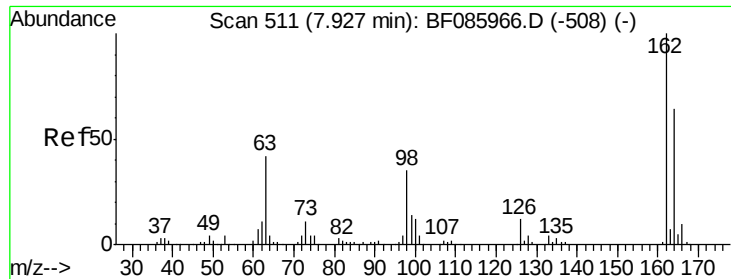


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

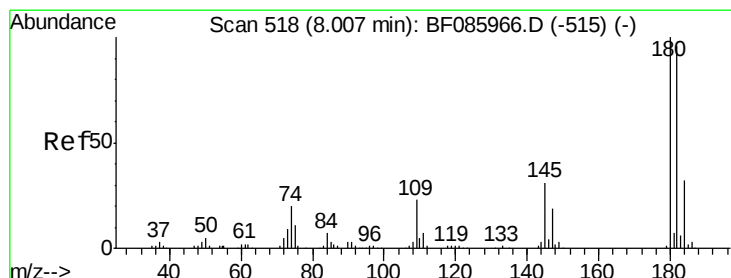
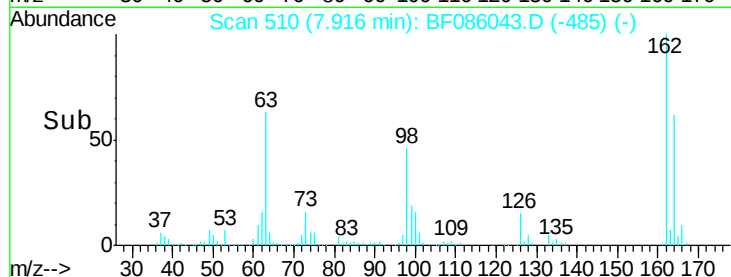
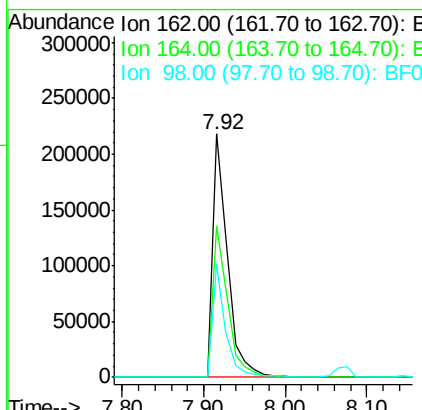
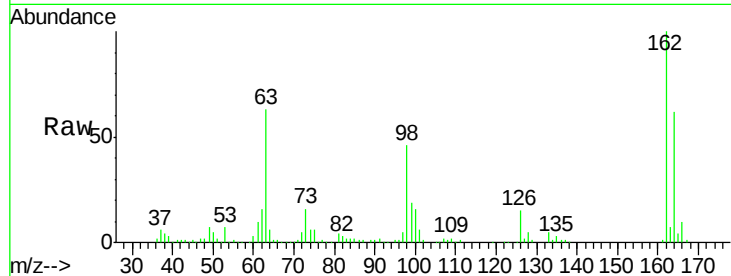




#29
 2,4-Dichlorophenol
 Concen: 44.11 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

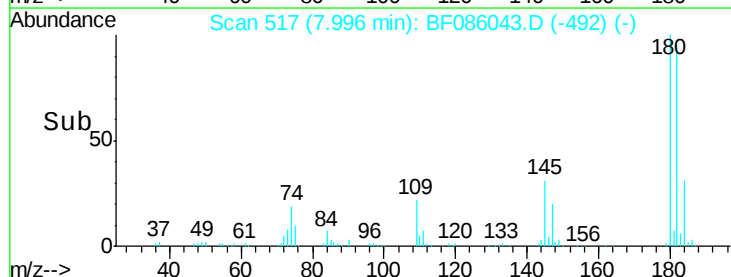
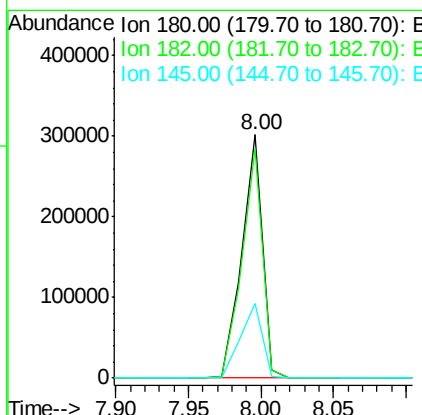
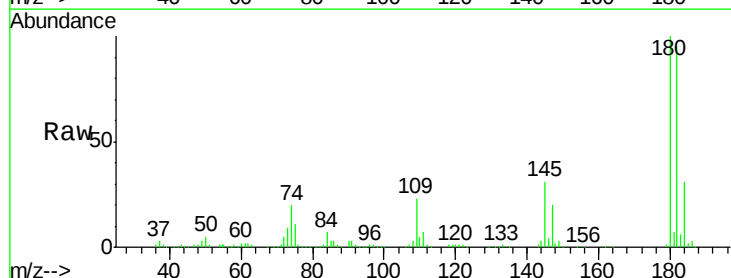
Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

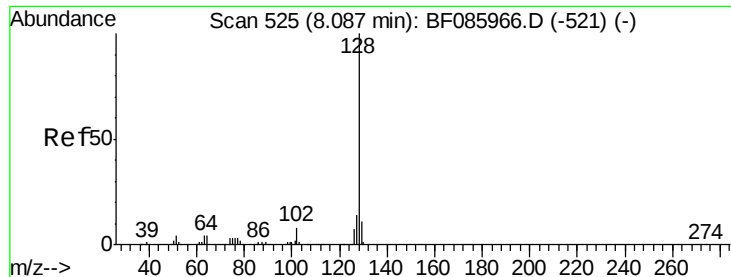
Tgt Ion:162 Resp: 277417
 Ion Ratio Lower Upper
 162 100
 164 62.4 43.7 83.7
 98 46.2 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 42.08 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion:180 Resp: 297090
 Ion Ratio Lower Upper
 180 100
 182 94.5 73.8 110.8
 145 30.7 28.4 42.6

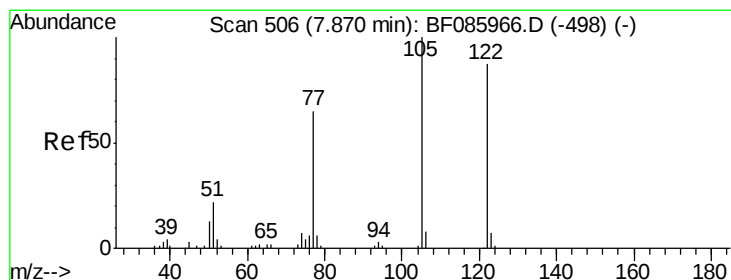
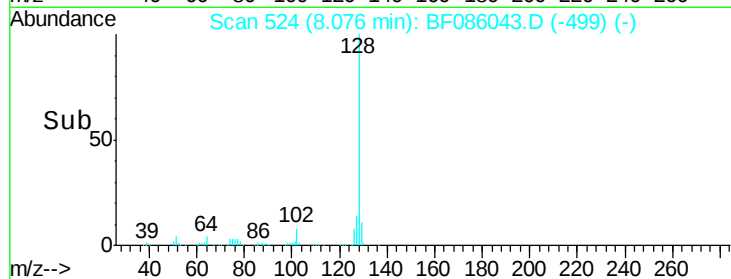
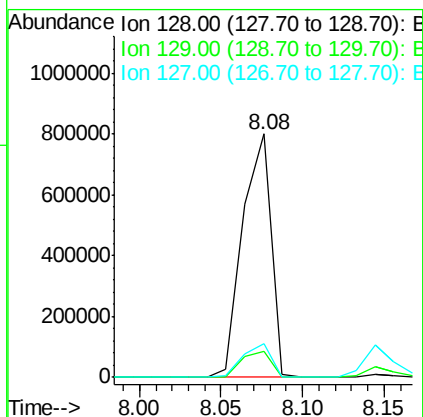
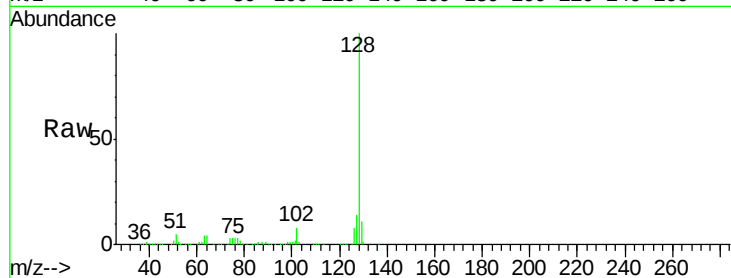




#31
Naphthalene
Concen: 41.34 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

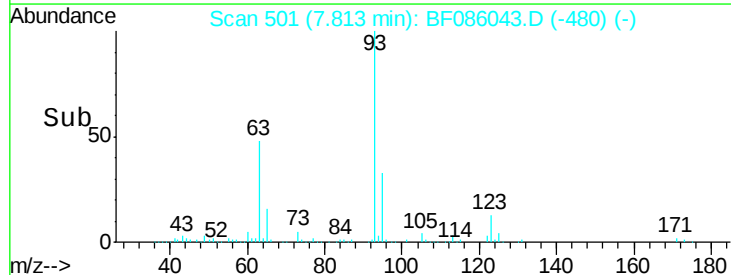
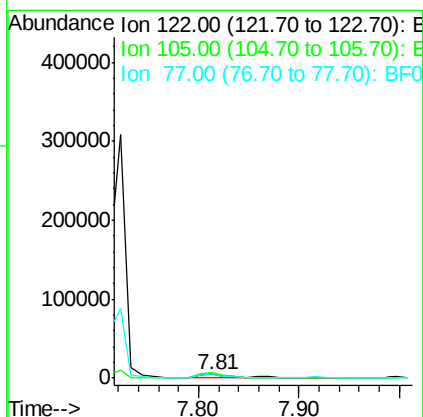
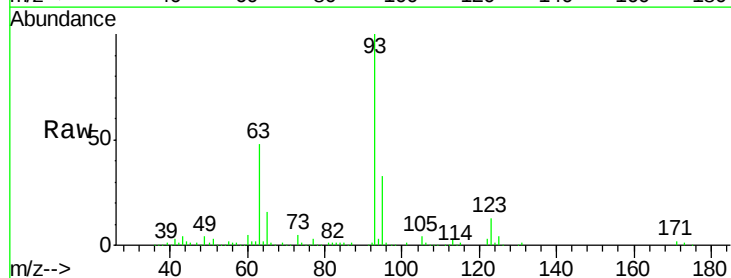
Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

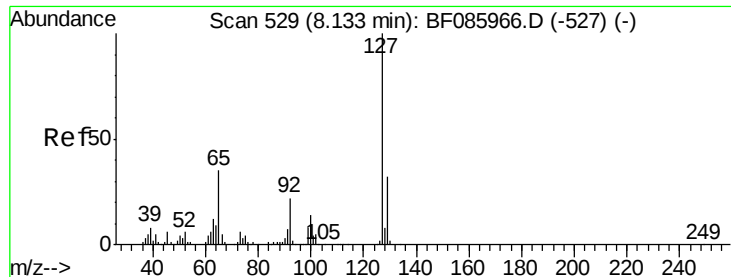
Tgt Ion:128 Resp: 970514
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 2.58 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.06 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion:122 Resp: 14083
Ion Ratio Lower Upper
122 100
105 126.6 102.9 142.9
77 90.0 71.8 111.8

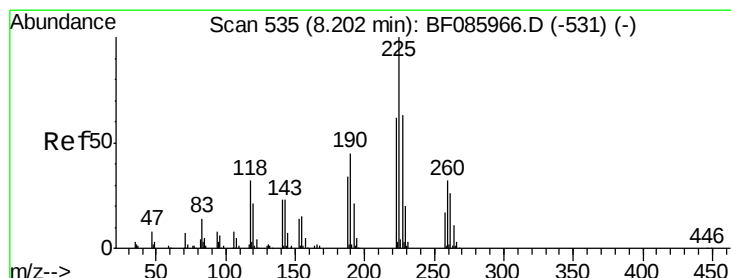
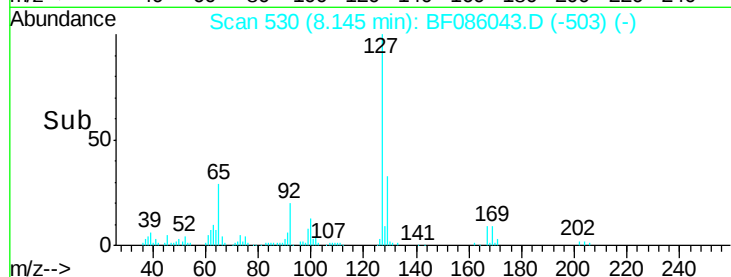
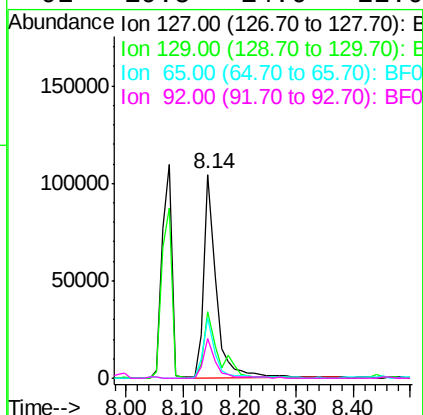
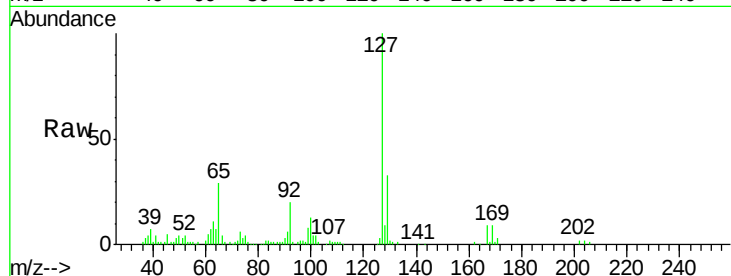




#33
4-Chloroaniline
Concen: 16.11 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

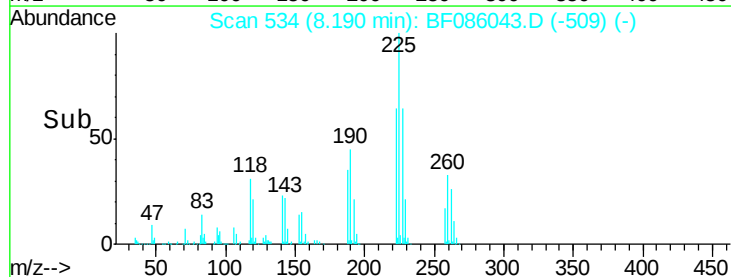
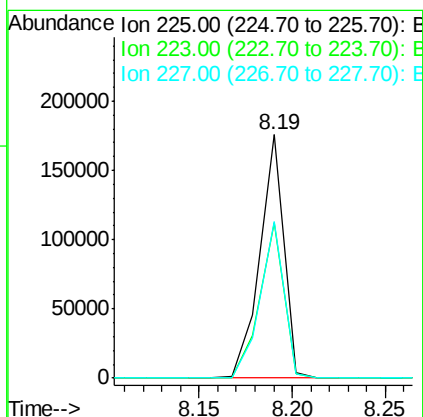
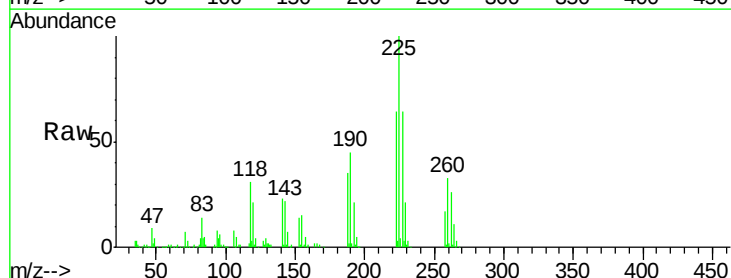
Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tgt Ion:	127	Resp:	152764
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	29.4	19.5	29.3
92	19.5	14.6	22.0



#34
Hexachlorobutadiene
Concen: 41.04 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion:	225	Resp:	155773
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.4	75.6
227	64.2	51.4	77.2

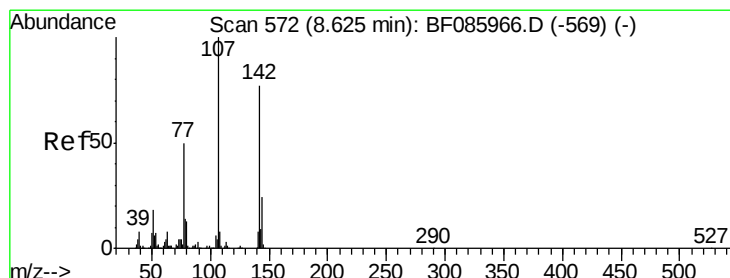
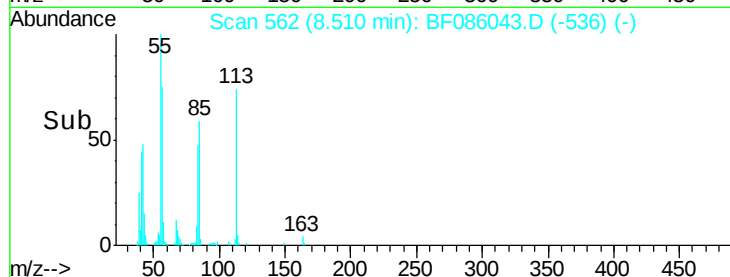
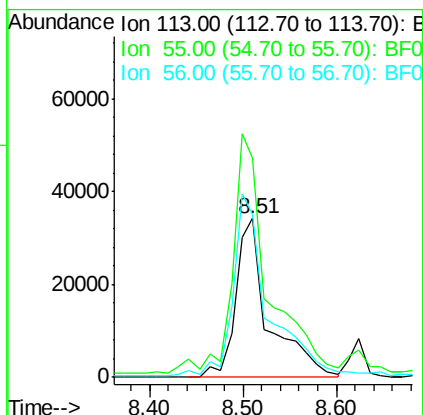
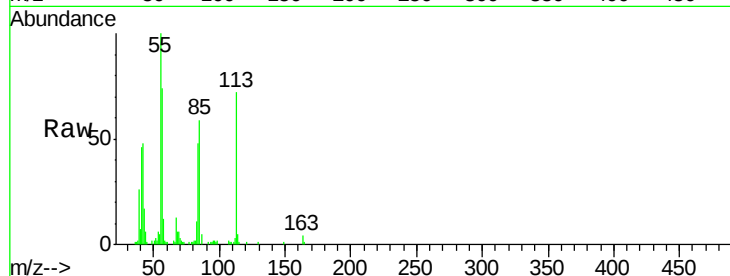




#35
 Caprolactam
 Concen: 42.55 ng
 RT: 8.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

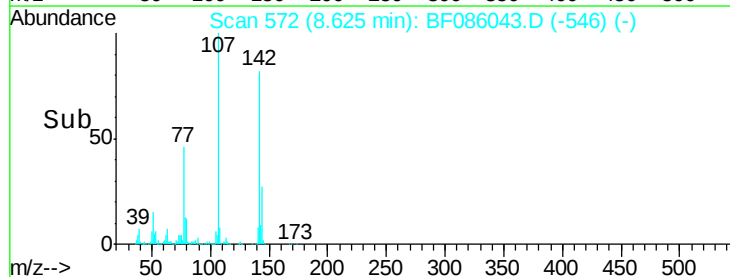
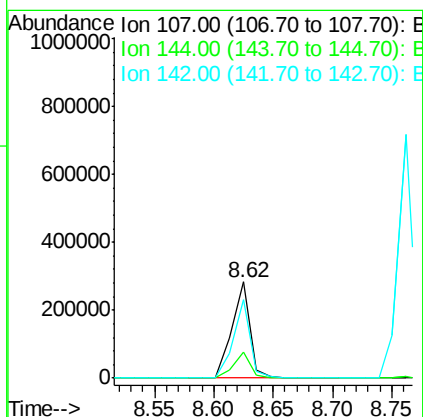
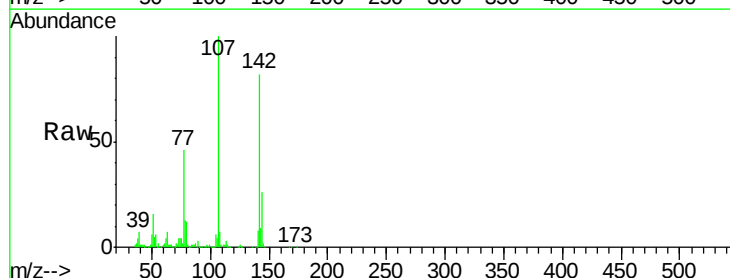
Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

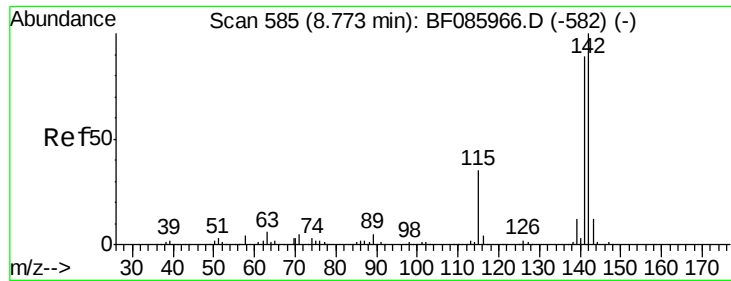
Tgt Ion:113 Resp: 84909
 Ion Ratio Lower Upper
 113 100
 55 138.0 139.4 179.4#
 56 102.3 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.00 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion:107 Resp: 296994
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.3 28.9
 142 81.6 61.4 92.0

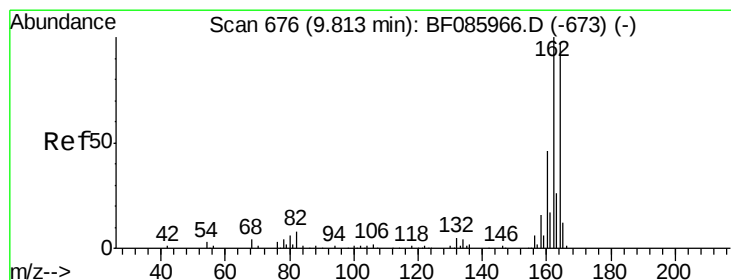
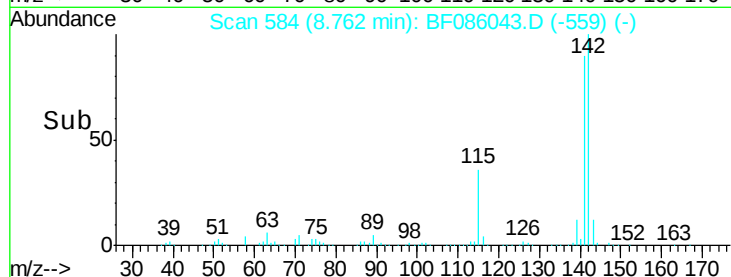
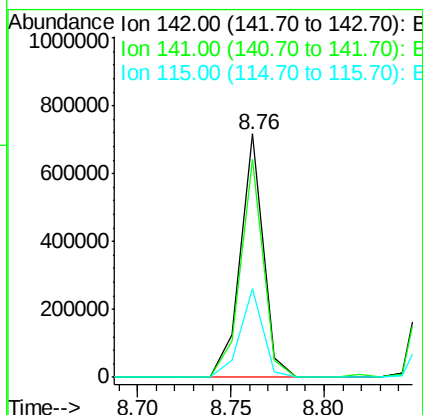
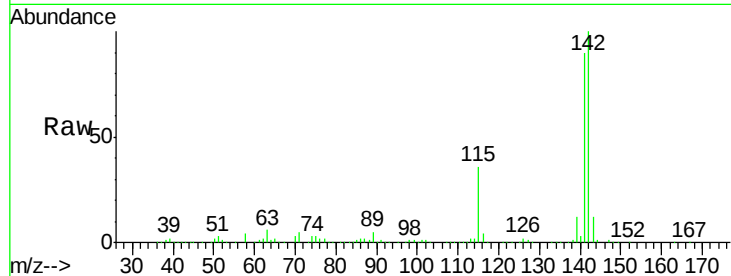




#37
 2-Methylnaphthalene
 Concen: 40.47 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

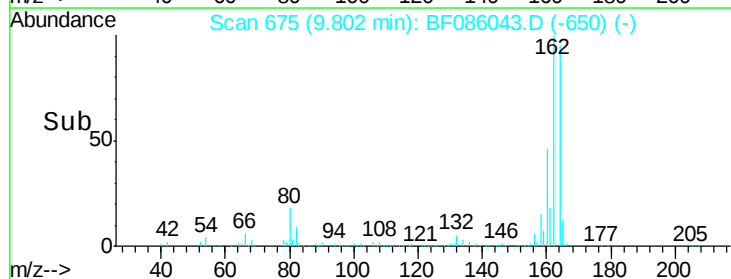
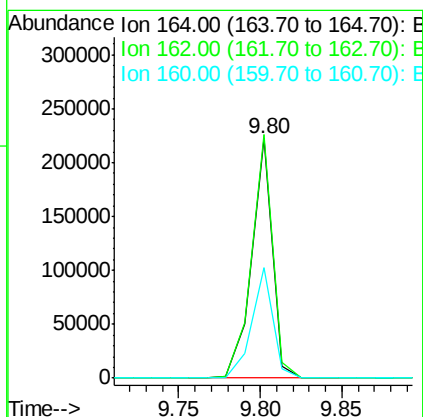
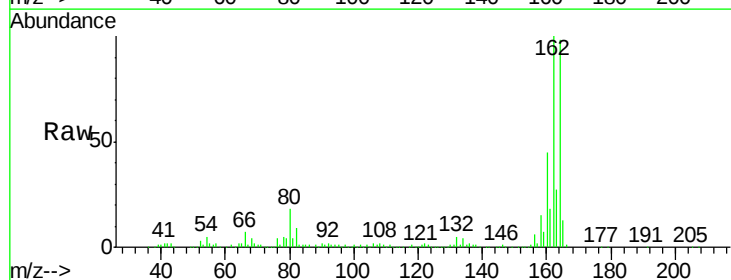
Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

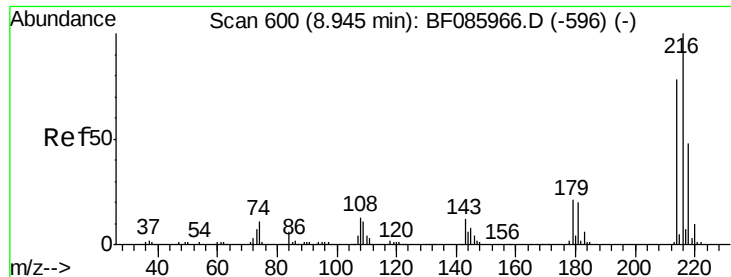
Tgt Ion:142 Resp: 620556
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.6 107.4
 115 36.2 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion:164 Resp: 195520
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.1 123.1
 160 46.3 37.4 56.2

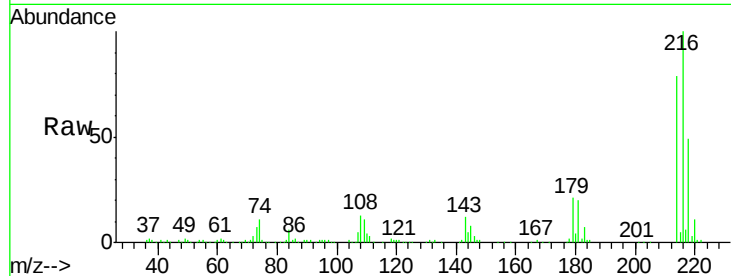




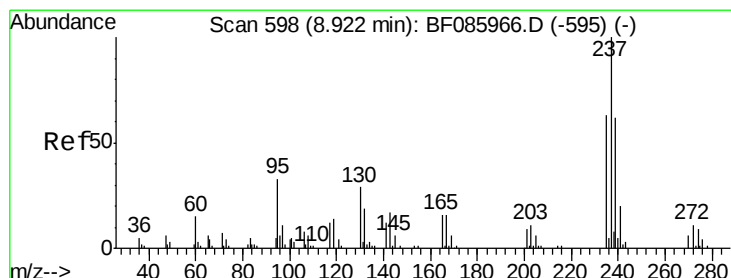
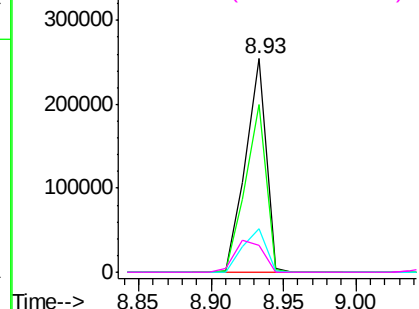
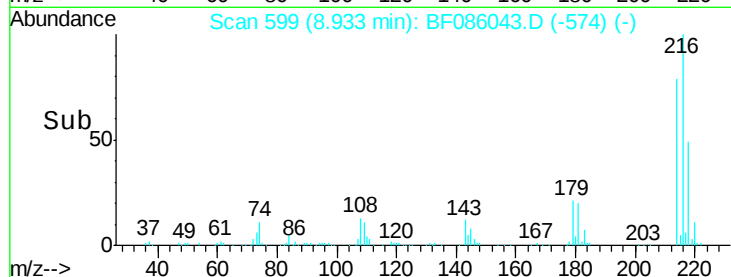
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.97 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleID :
 TK2-1-20160401MS

Tgt Ion:	216	Resp:	252492
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.1	94.7
179	23.1	18.2	27.2
108	21.0	17.3	25.9

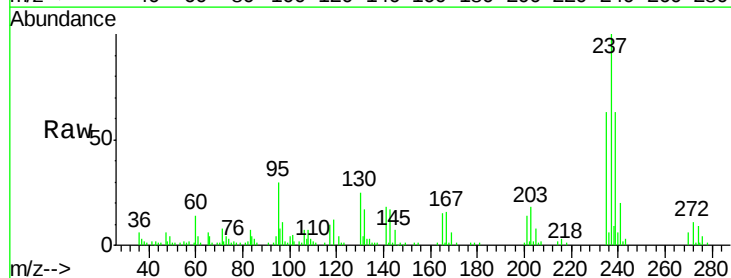


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

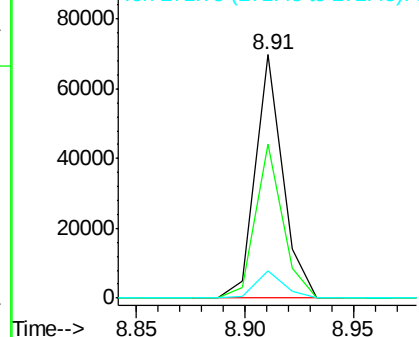
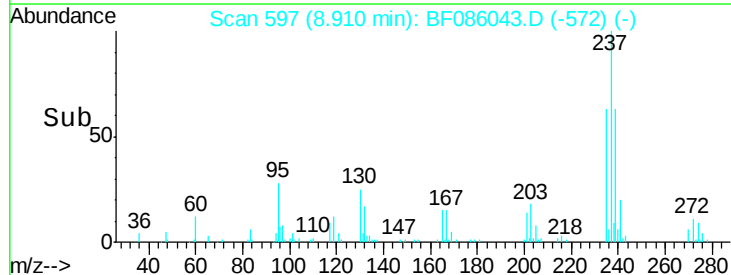


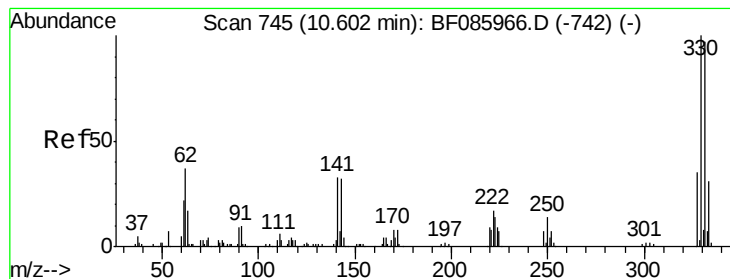
#40
 Hexachlorocyclopentadiene
 Concen: 37.94 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion:	237	Resp:	60960
Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.7	83.7
272	11.4	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

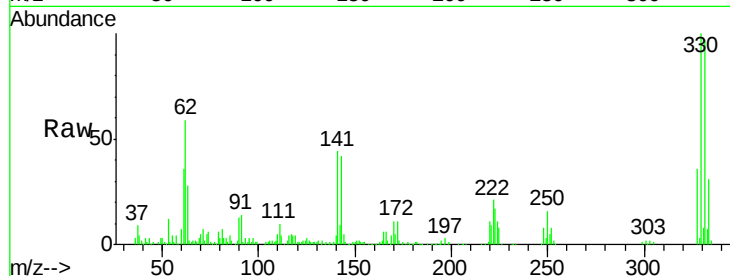




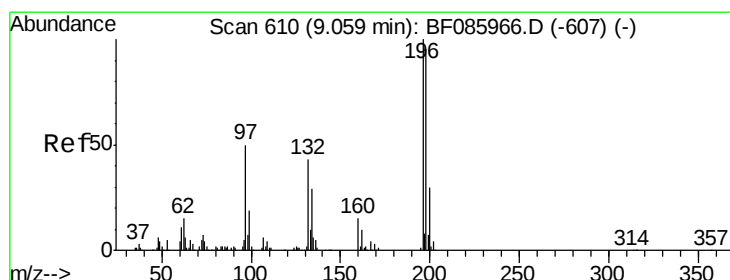
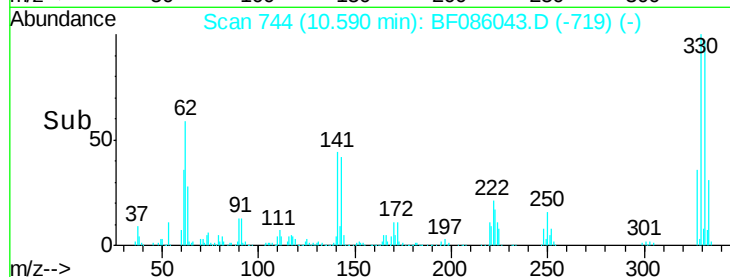
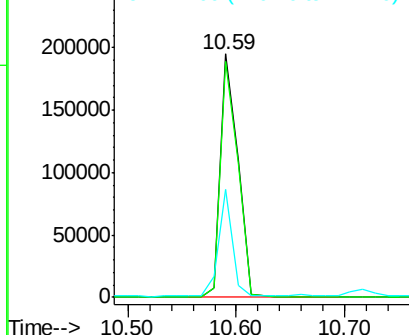
#41
 2,4,6-Tribromophenol
 Concen: 119.16 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Tgt Ion:330 Resp: 218667
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.2
 141 35.3 31.5 47.3

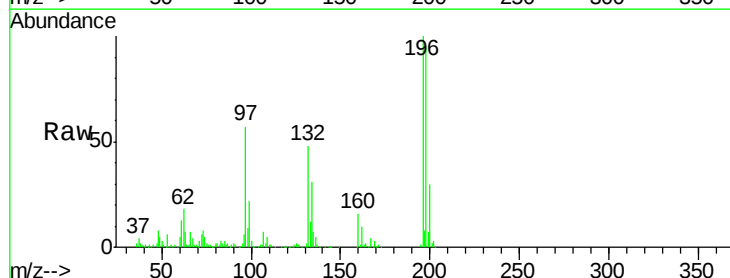


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

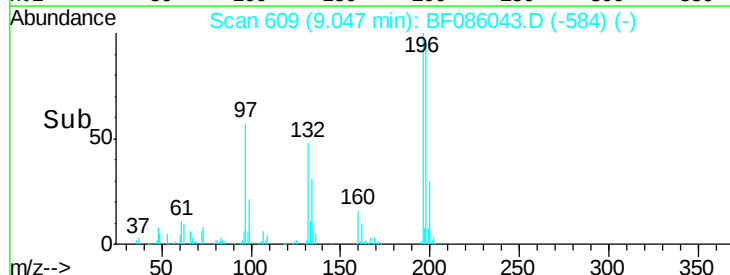
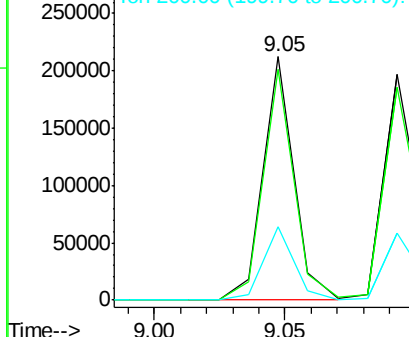


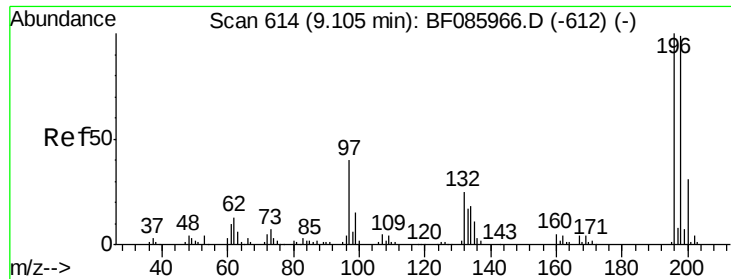
#42
 2,4,6-Trichlorophenol
 Concen: 46.58 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion:196 Resp: 175773
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.3 112.9
 200 30.1 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

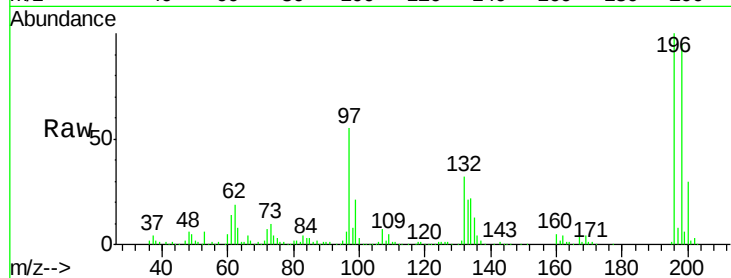




#43
 2,4,5-Trichlorophenol
 Concen: 47.15 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.6	114.8
97	55.2	30.5	45.7#
132	31.9	20.2	30.2#



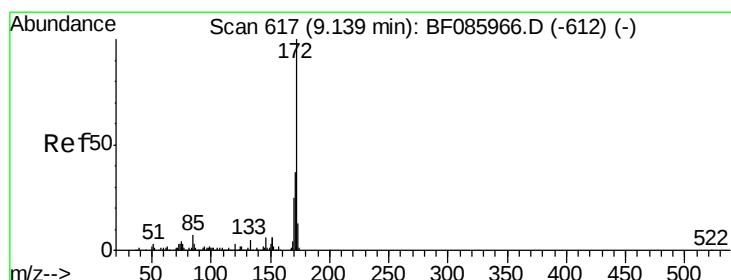
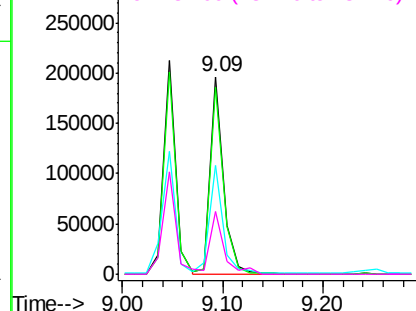
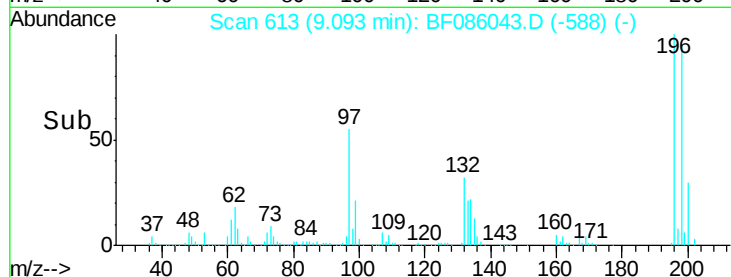
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

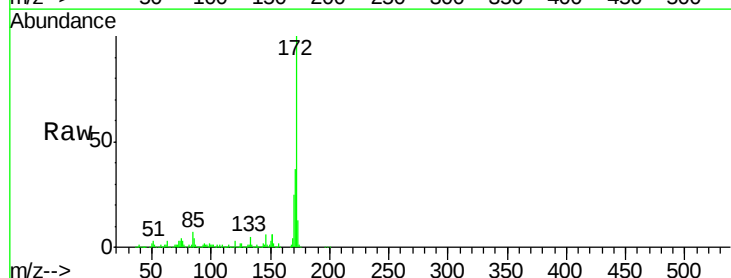
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.34 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	24.5	19.8	29.6

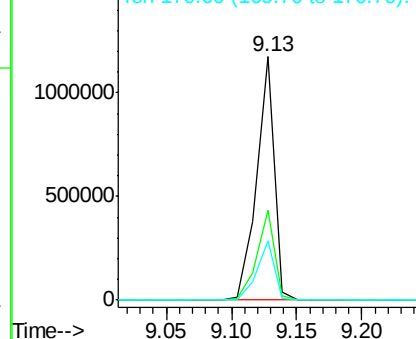
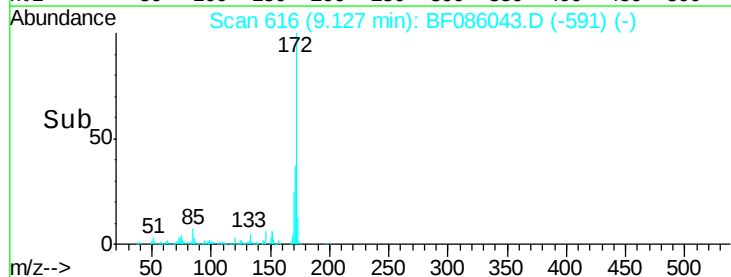


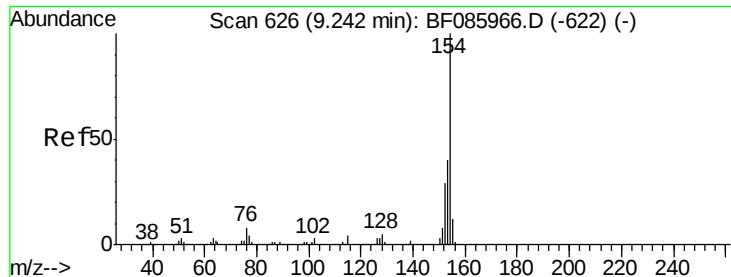
Abundance

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

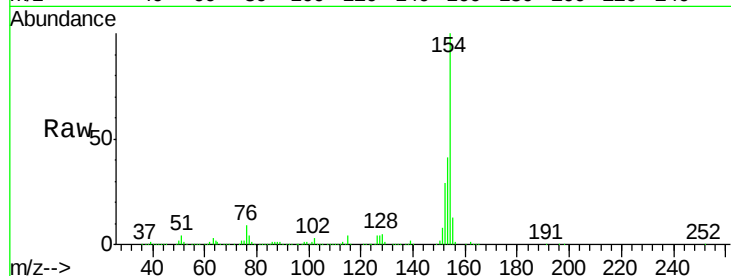




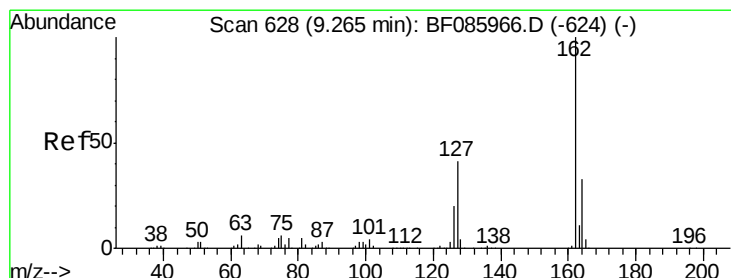
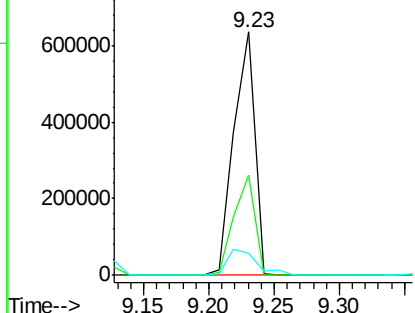
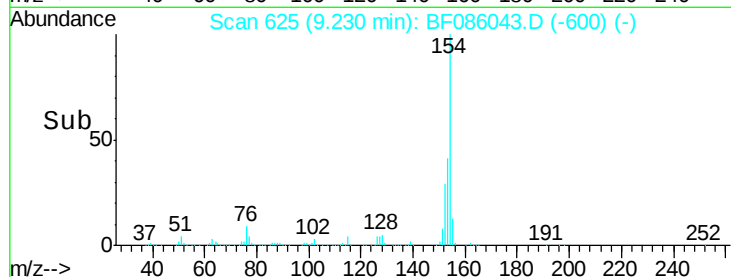
#45
 1,1'-Biphenyl
 Concen: 41.89 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Tgt Ion:154 Resp: 706194
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.8 60.8
 76 9.1 0.0 36.7

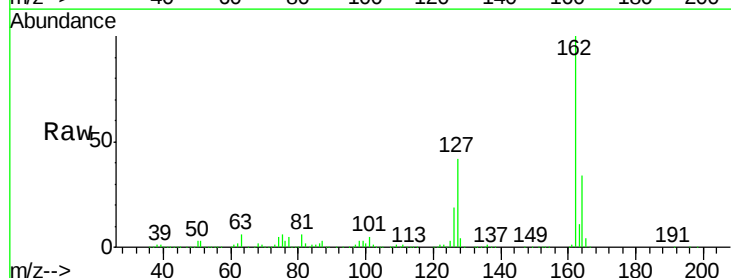


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

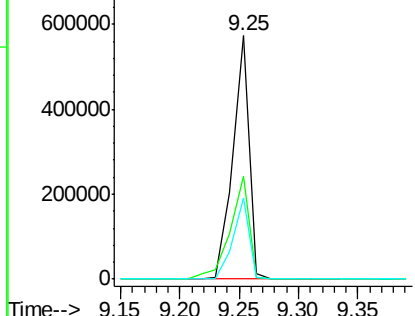
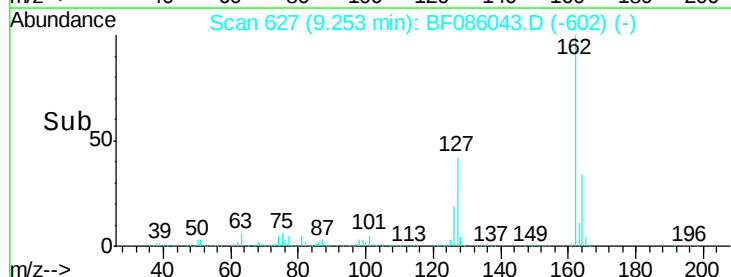


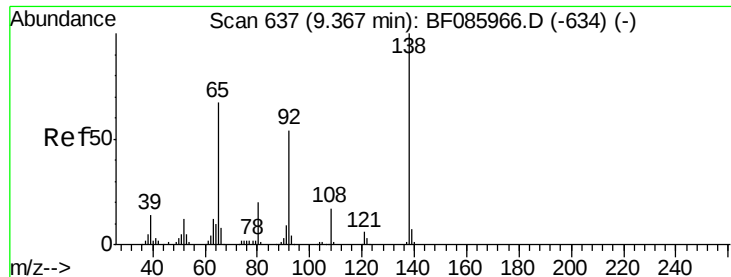
#46
 2-Chloronaphthalene
 Concen: 44.74 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion:162 Resp: 546754
 Ion Ratio Lower Upper
 162 100
 127 42.0 31.7 47.5
 164 33.5 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

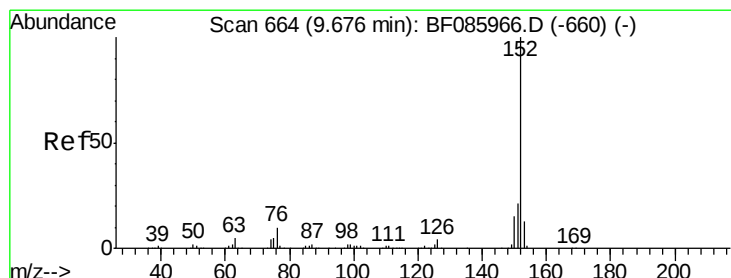
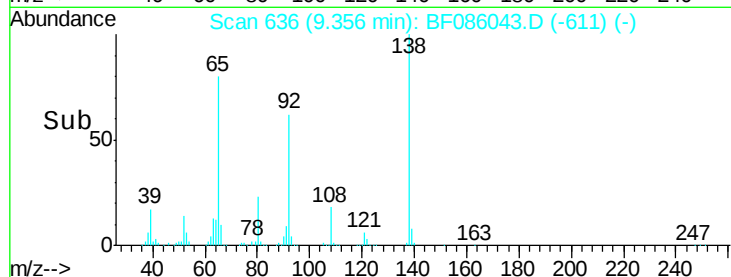
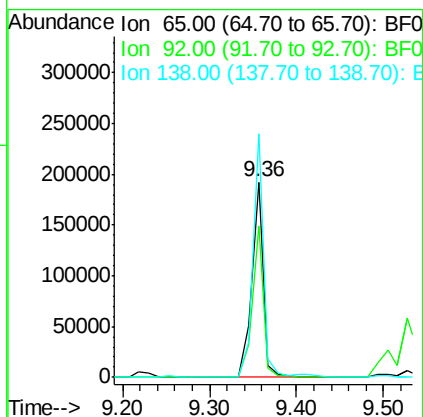
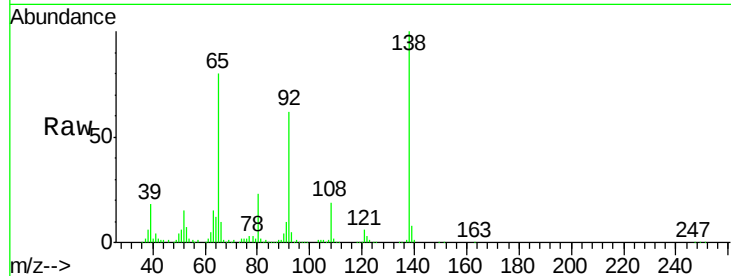




#47
2-Nitroaniline
Concen: 50.78 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

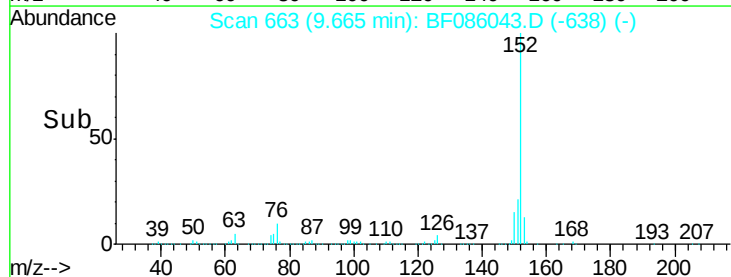
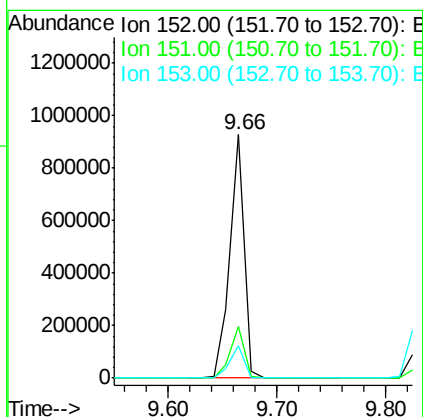
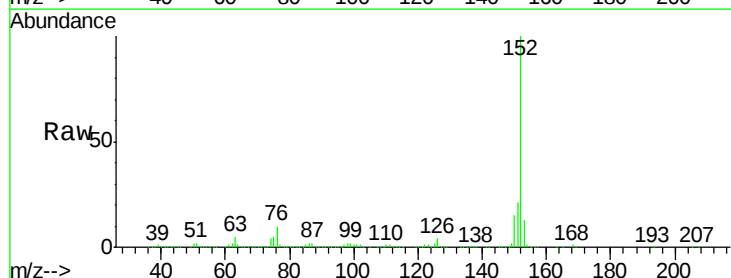
Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

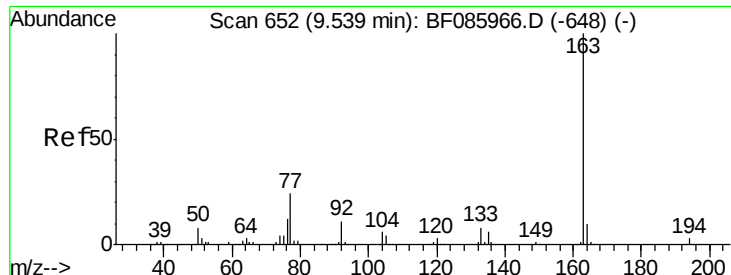
Tgt Ion: 65 Resp: 181585
Ion Ratio Lower Upper
65 100
92 77.4 59.7 89.5
138 124.8 91.4 137.0



#48
Acenaphthylene
Concen: 43.05 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion: 152 Resp: 842827
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 13.3 10.9 16.3





#49

Dimethylphthalate

Concen: 50.56 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

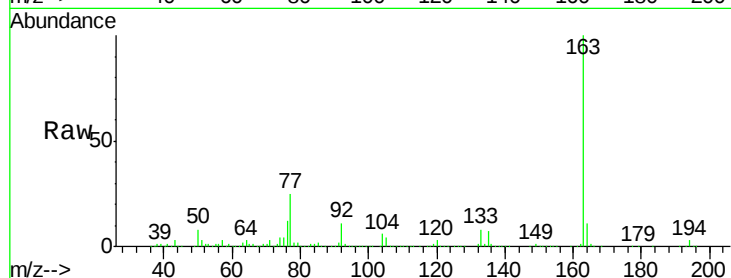
Tgt Ion:163 Resp: 732750

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

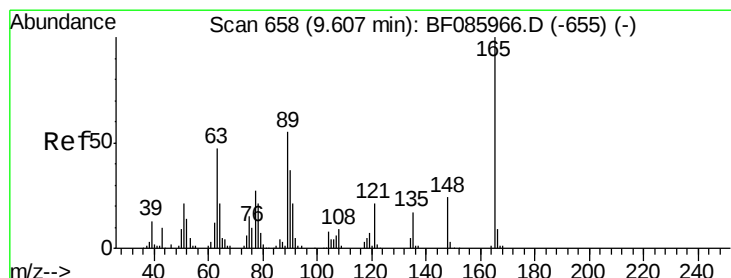
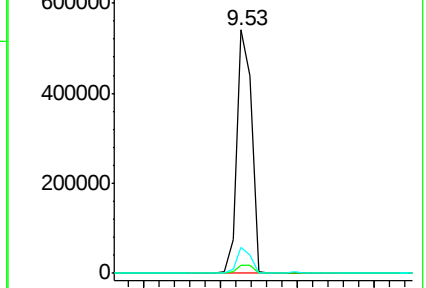
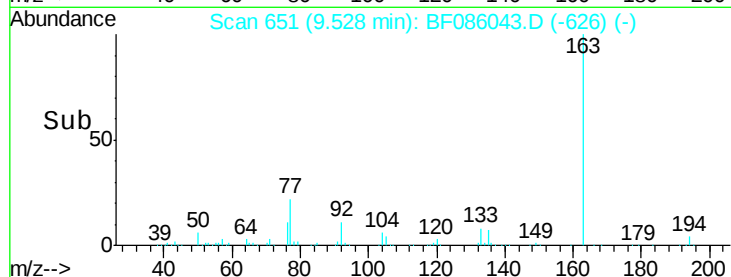
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.09 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

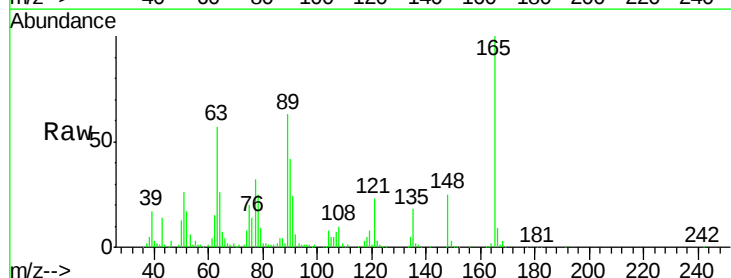
Tgt Ion:165 Resp: 132112

Ion Ratio Lower Upper

165 100

63 57.0 51.8 77.8

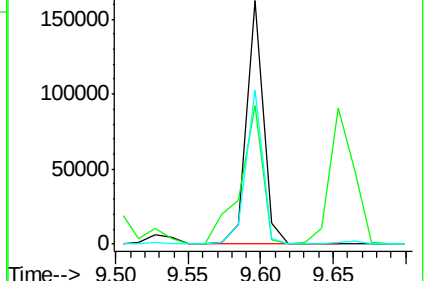
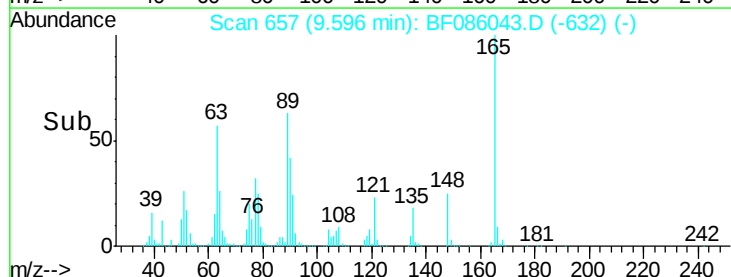
89 63.2 53.7 80.5

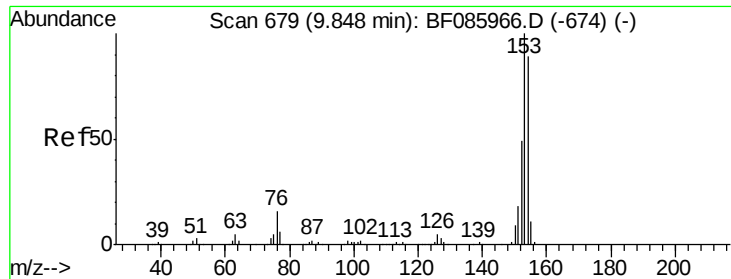


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.51 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

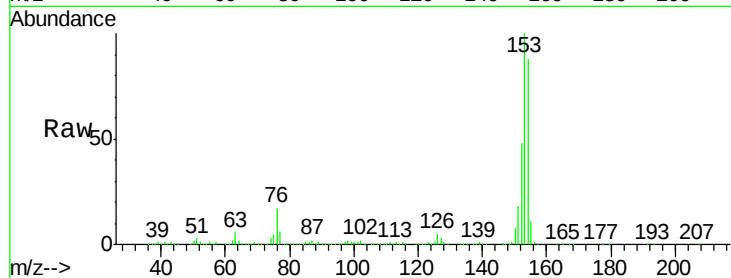
Tgt Ion:154 Resp: 494904

Ion Ratio Lower Upper

154 100

153 113.6 90.1 135.1

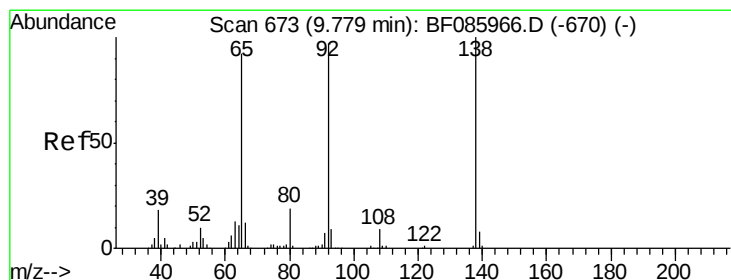
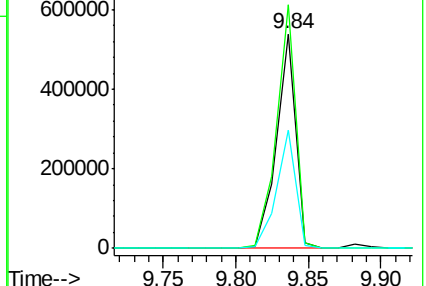
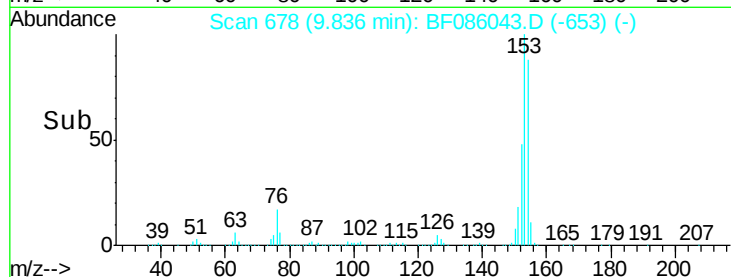
152 54.9 44.2 66.2



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: 31.23 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

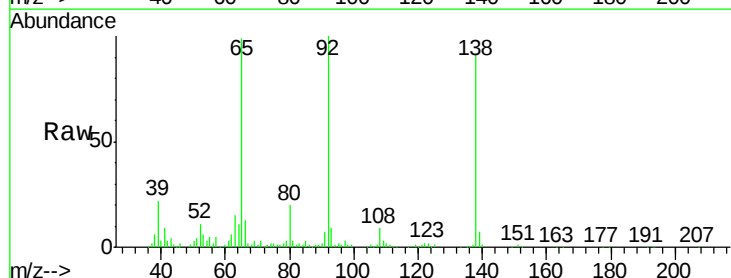
Tgt Ion:138 Resp: 115403

Ion Ratio Lower Upper

138 100

108 10.0 8.7 13.1

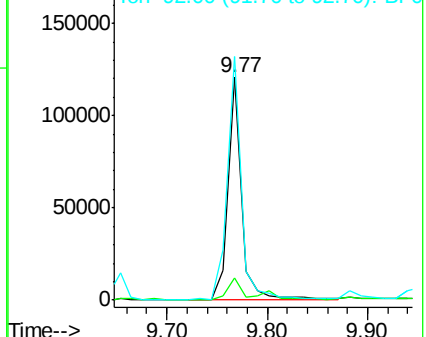
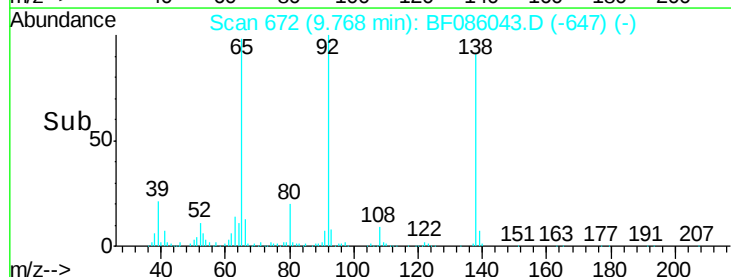
92 109.3 93.3 139.9

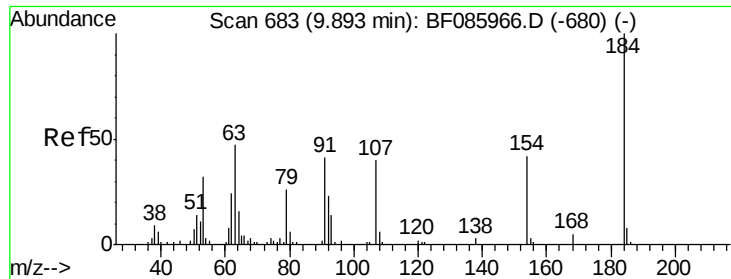


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

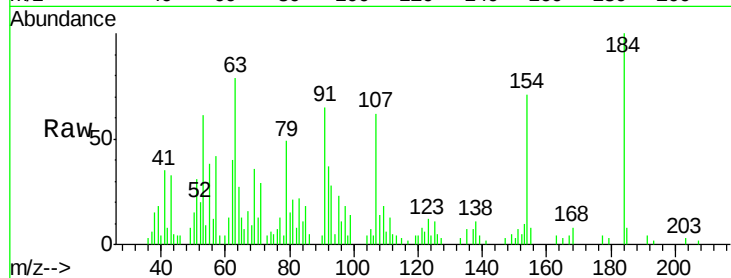




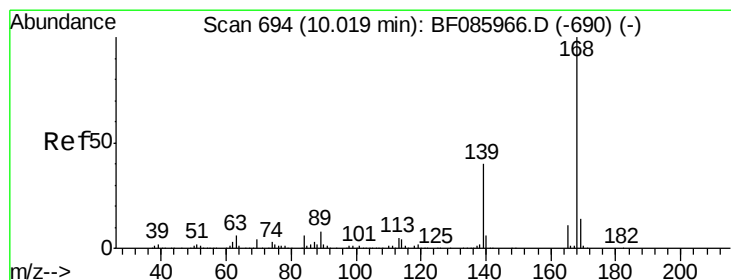
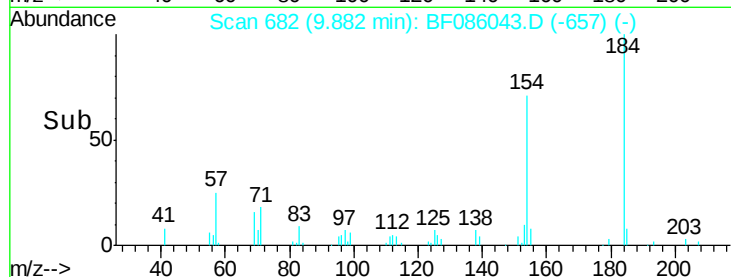
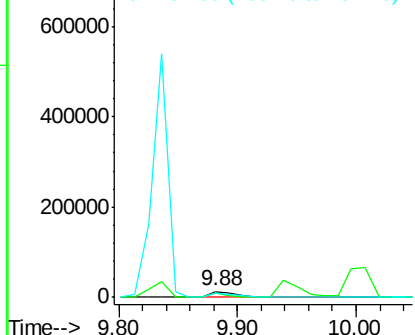
#53
2,4-Dinitrophenol
Concen: 18.23 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tgt Ion:184 Resp: 20917
Ion Ratio Lower Upper
184 100
63 78.6 69.5 104.3
154 71.3 58.3 87.5

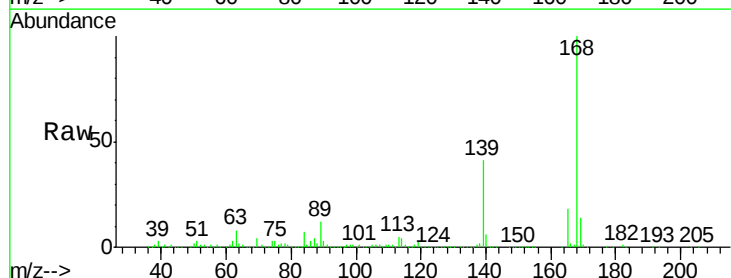


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

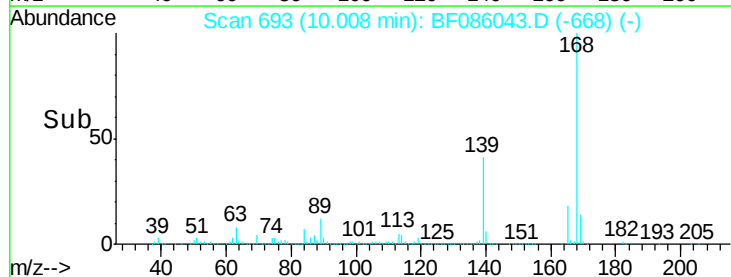
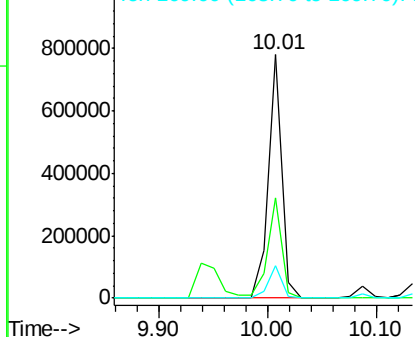


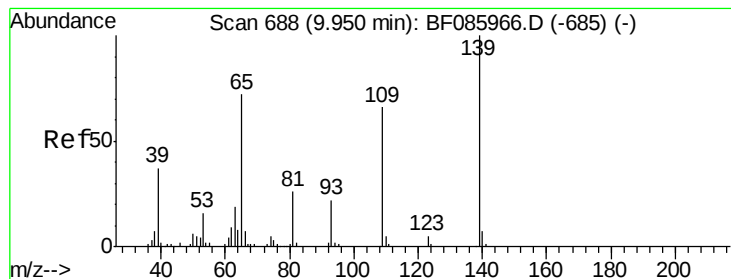
#54
Dibenzofuran
Concen: 44.25 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion:168 Resp: 680365
Ion Ratio Lower Upper
168 100
139 41.1 31.9 47.9
169 13.5 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: 76.94 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

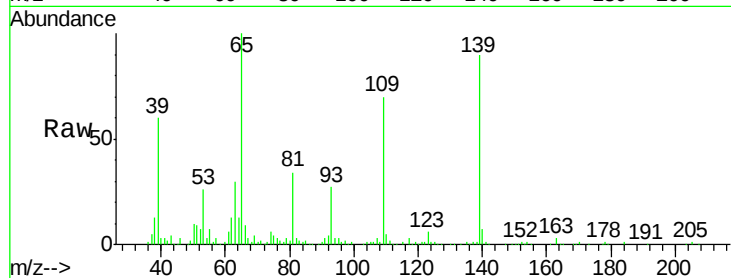
Tgt Ion:139 Resp: 167613

Ion Ratio Lower Upper

139 100

109 77.9 49.2 89.2

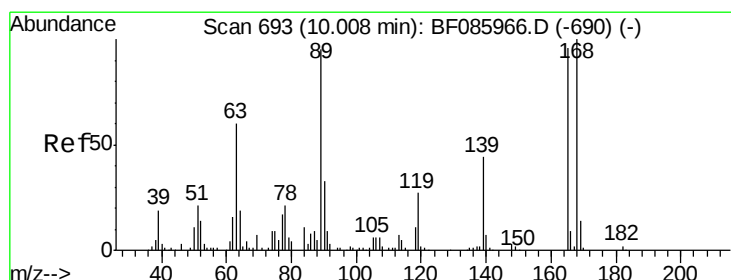
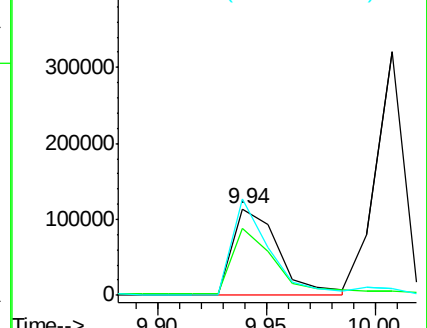
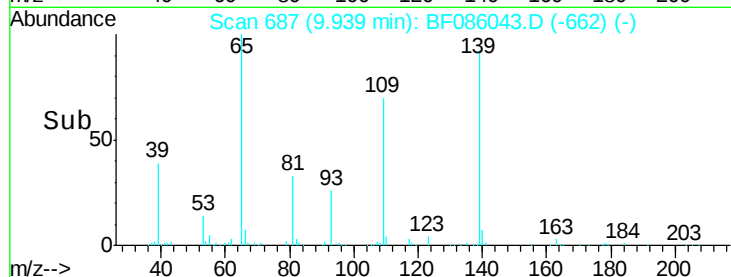
65 111.6 66.9 106.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.78 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:165 Resp: 150261

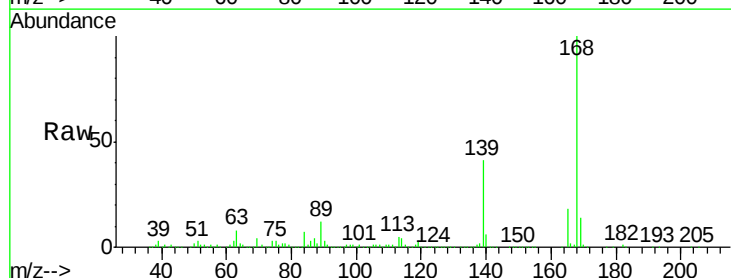
Ion Ratio Lower Upper

165 100

63 46.7 24.9 37.3#

89 65.4 41.0 61.6#

182 2.8 2.1 3.1

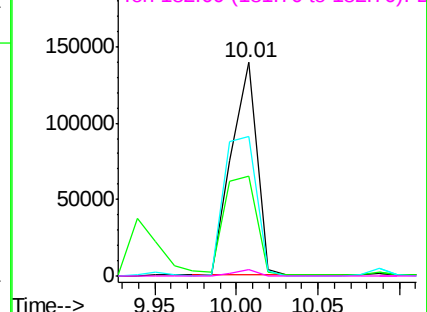
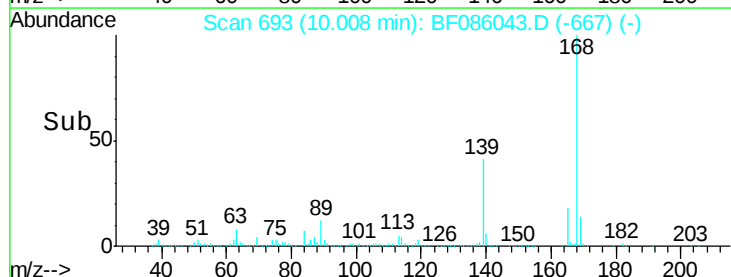


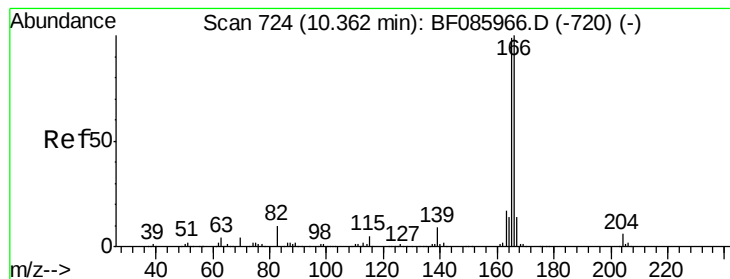
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.24 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

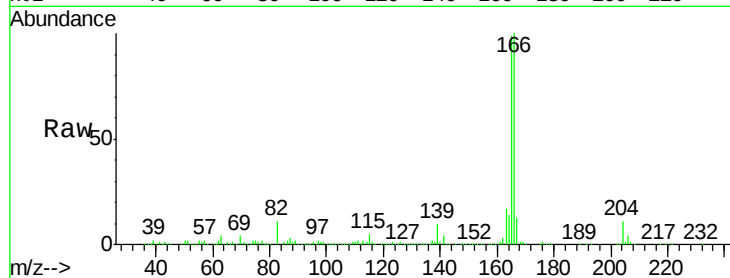
Tgt Ion:166 Resp: 541631

Ion Ratio Lower Upper

166 100

165 99.0 79.4 119.0

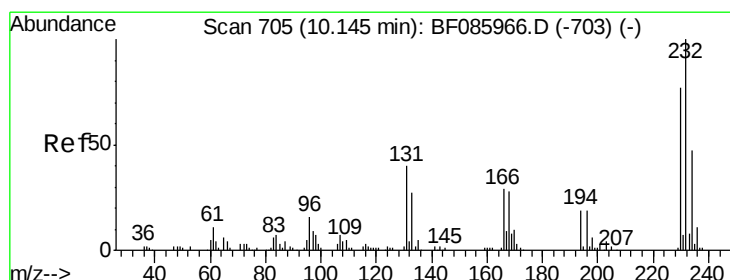
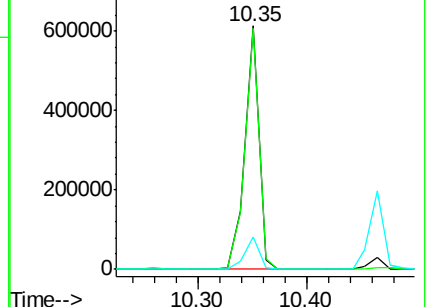
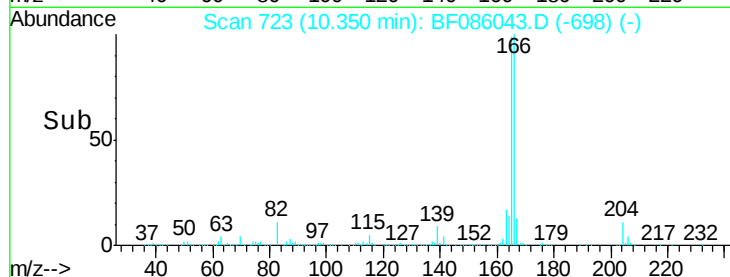
167 13.4 11.0 16.4



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: 44.24 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:232 Resp: 126209

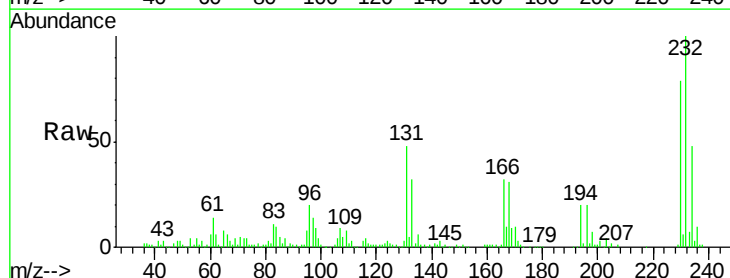
Ion Ratio Lower Upper

232 100

131 54.0 44.9 67.3

130 3.0 2.3 3.5

166 32.9 28.1 42.1

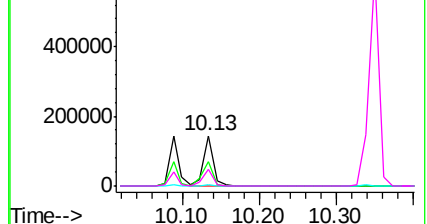
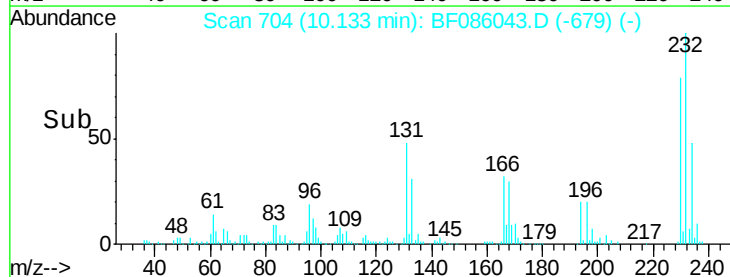


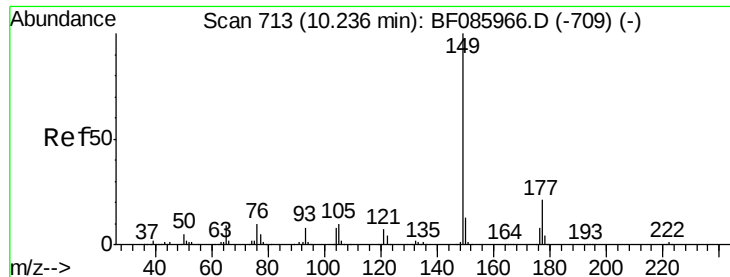
Abundance Ion 232.00 (231.70 to 232.70): E

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

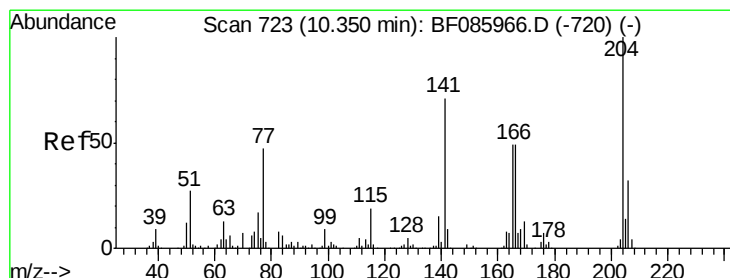
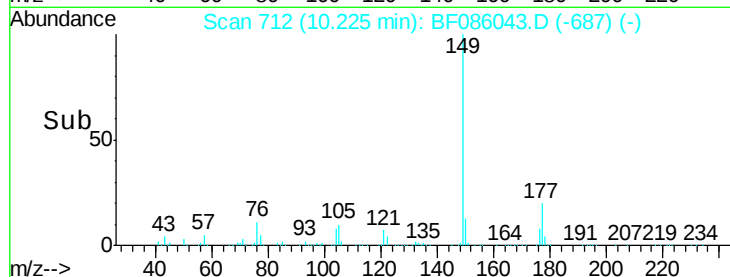
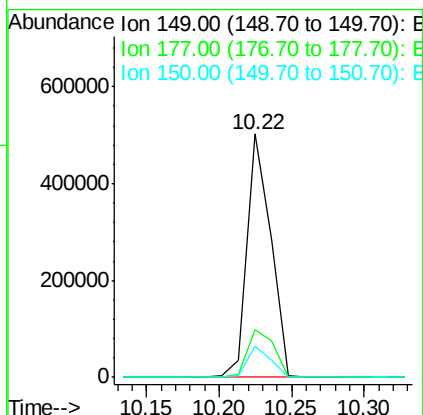
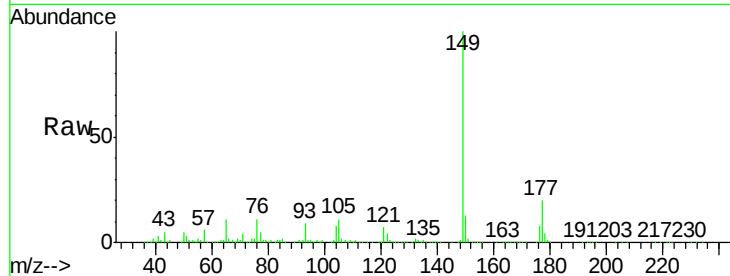




#59
Diethylphthalate
Concen: 38.68 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

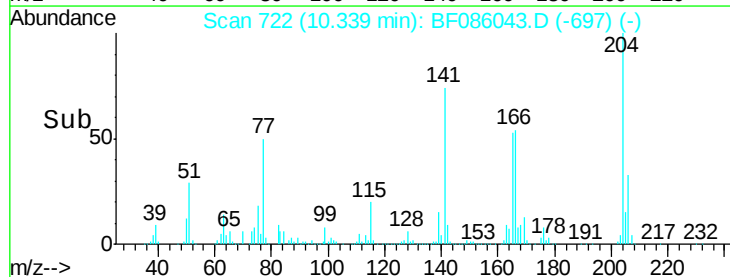
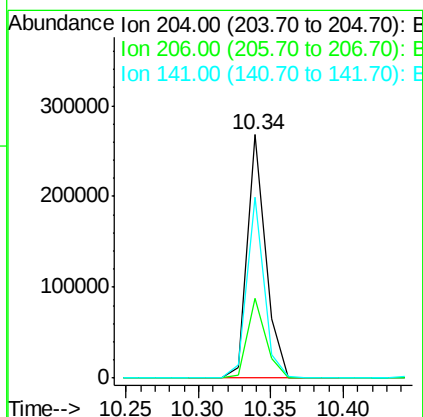
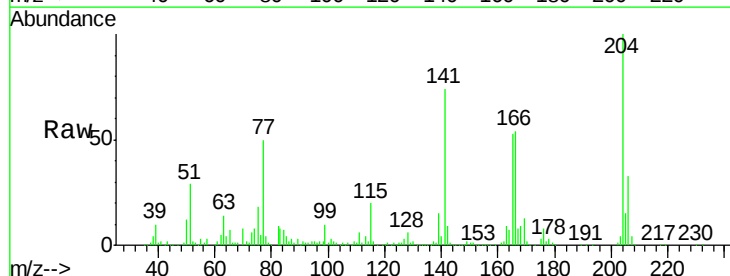
Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

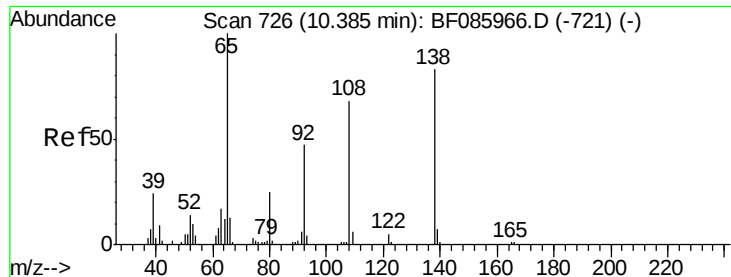
Tgt Ion:149 Resp: 565723
Ion Ratio Lower Upper
149 100
177 19.8 17.9 26.9
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.03 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion:204 Resp: 238774
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 74.3 57.4 86.0

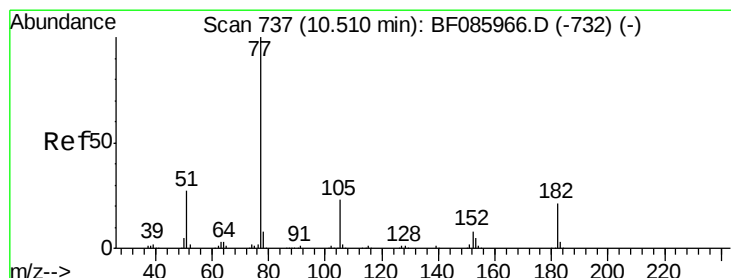
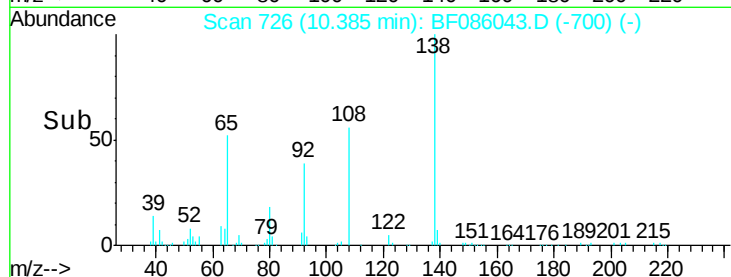
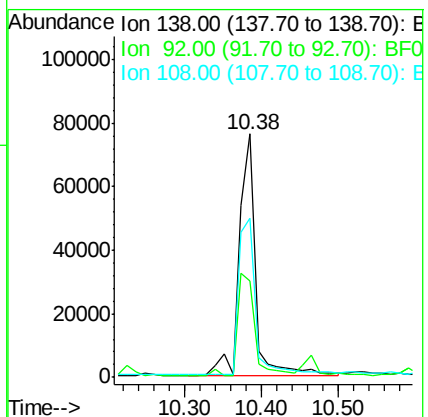
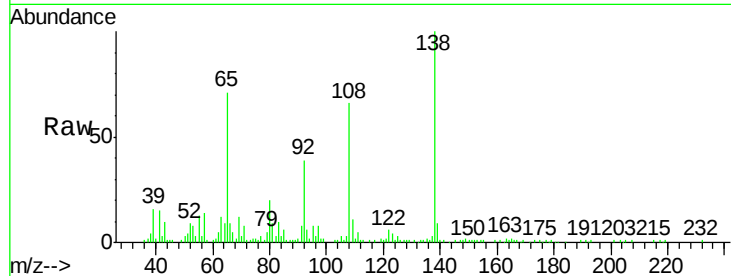




#61
4-Nitroaniline
Concen: 30.82 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

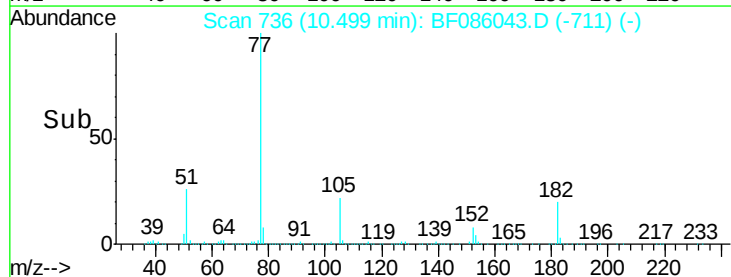
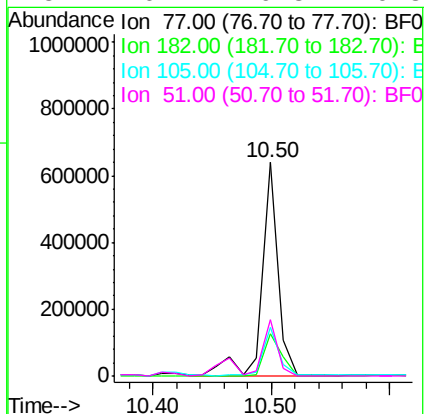
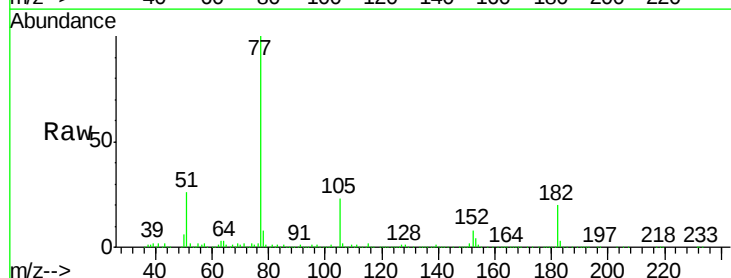
Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

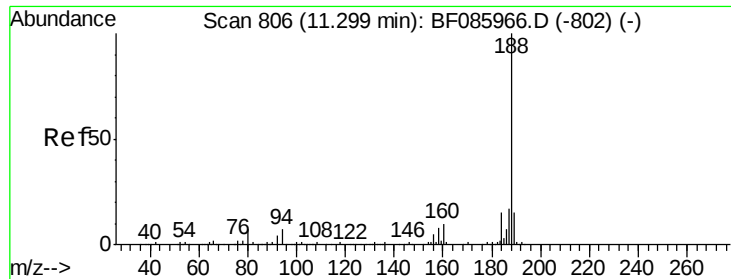
Tgt Ion:138 Resp: 112176
Ion Ratio Lower Upper
138 100
92 39.5 26.4 66.4
108 65.6 49.0 89.0



#62
Azobenzene
Concen: 43.12 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion: 77 Resp: 604166
Ion Ratio Lower Upper
77 100
182 20.0 1.9 41.9
105 22.9 3.5 43.5
51 26.4 6.3 46.3

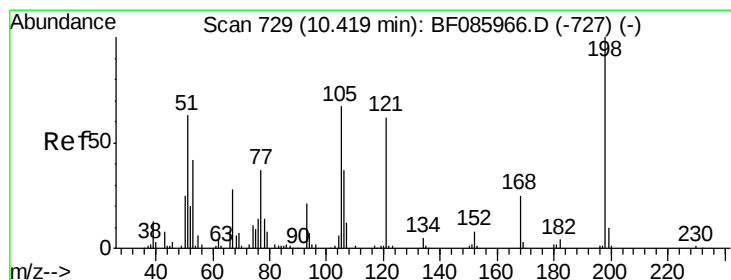
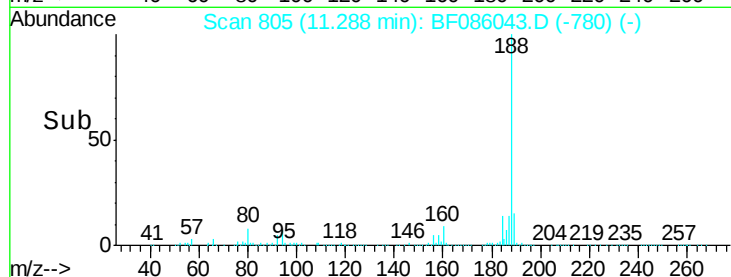
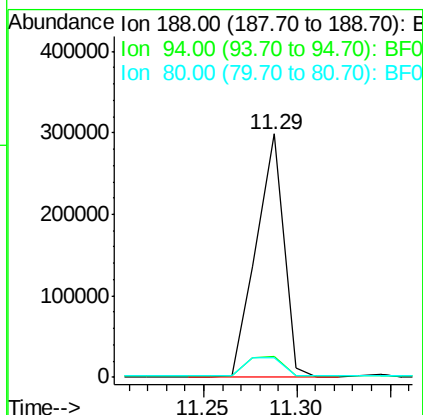
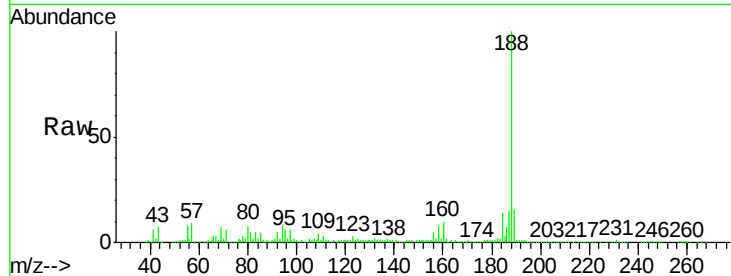




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

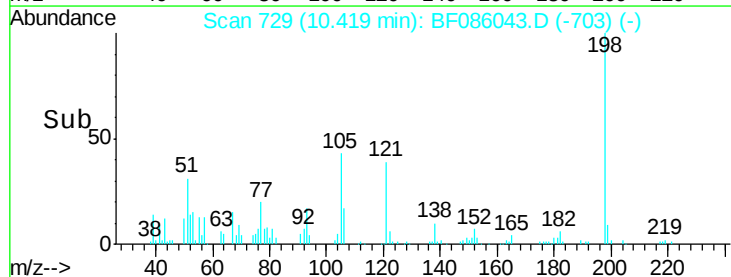
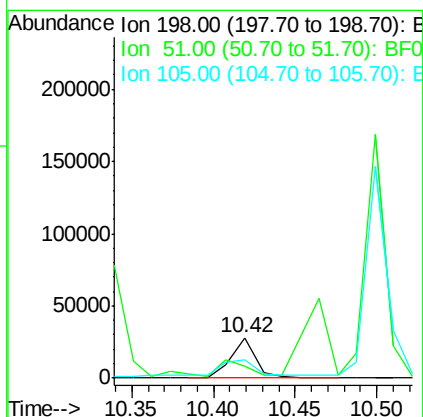
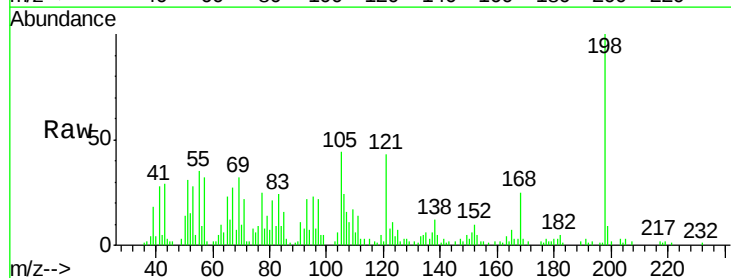
Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

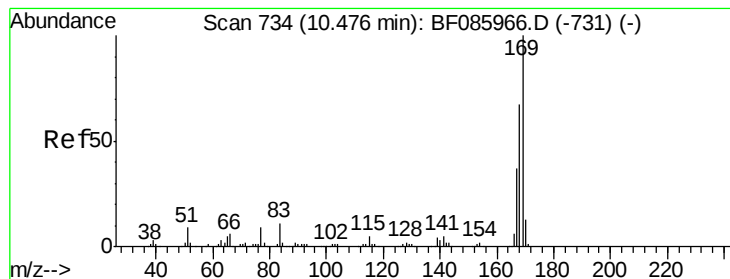
Tgt Ion:188 Resp: 308132
Ion Ratio Lower Upper
188 100
94 8.5 5.4 8.0#
80 8.2 5.5 8.3



#64
4,6-Dinitro-2-methylphenol
Concen: 15.64 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion:198 Resp: 29205
Ion Ratio Lower Upper
198 100
51 31.3 45.4 85.4#
105 44.2 45.9 85.9#





#65

n-Nitrosodiphenylamine

Concen: 49.72 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

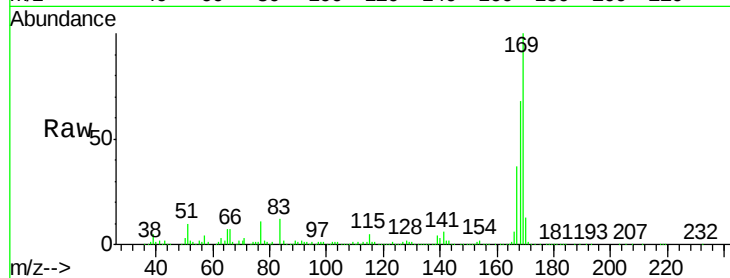
Tgt Ion:169 Resp: 479098

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

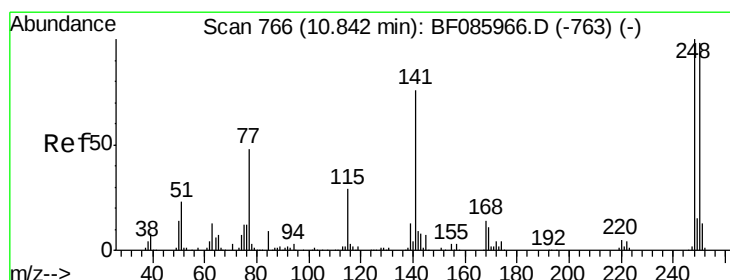
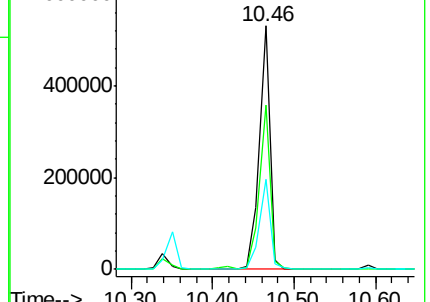
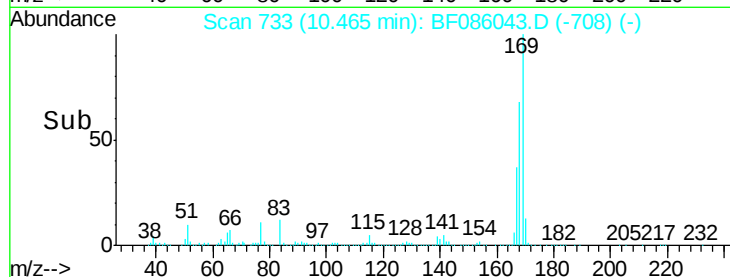
167 37.0 29.4 44.0



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: 47.86 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

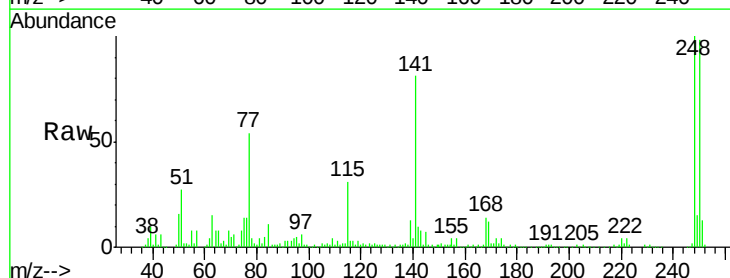
Tgt Ion:248 Resp: 150554

Ion Ratio Lower Upper

248 100

250 97.9 77.4 116.0

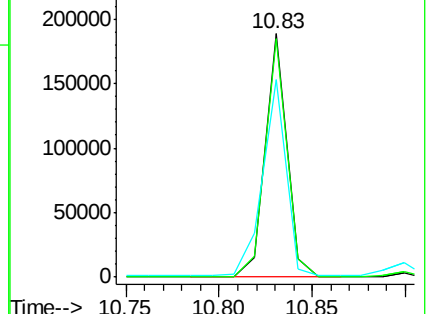
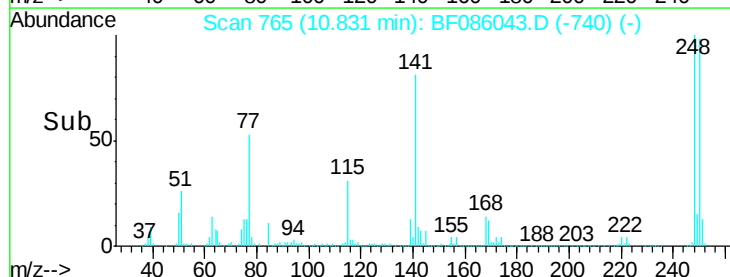
141 81.3 63.6 95.4

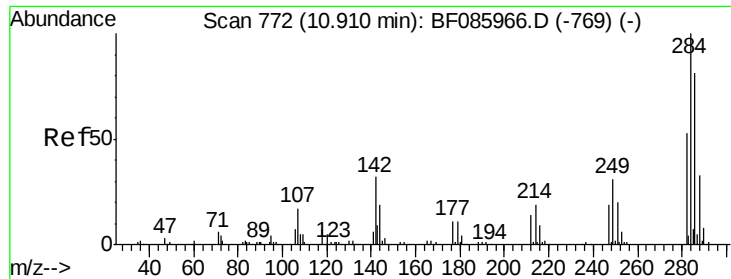


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

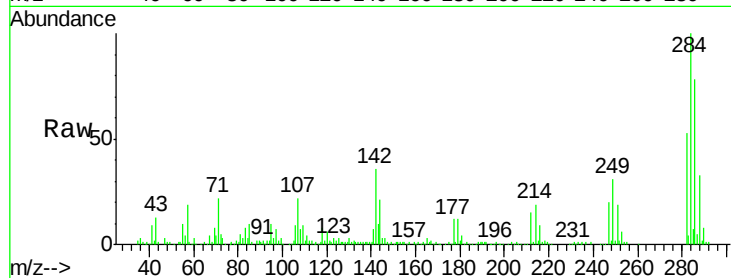




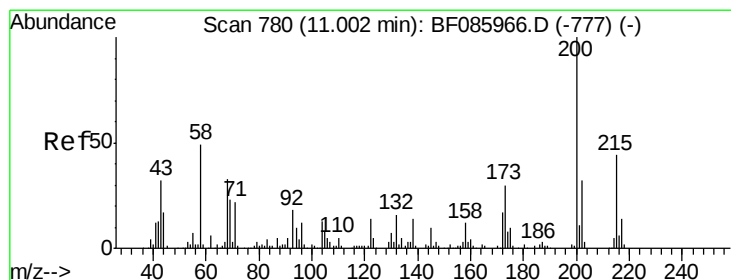
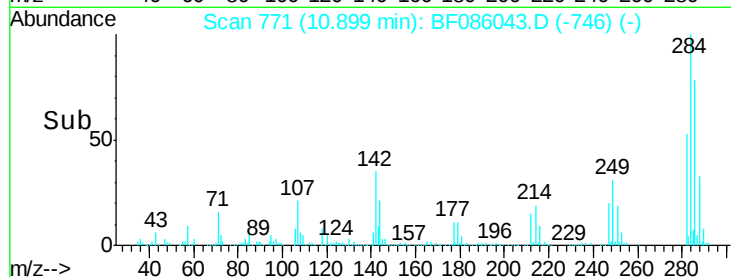
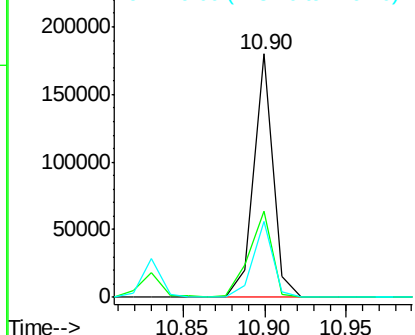
#67
Hexachlorobenzene
Concen: 45.65 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tgt Ion:284 Resp: 148514
Ion Ratio Lower Upper
284 100
142 35.5 23.1 34.7#
249 31.3 24.2 36.2

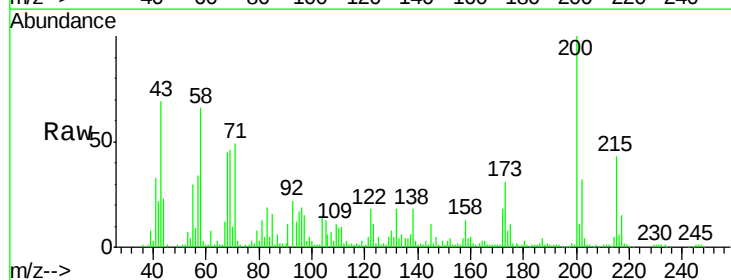


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

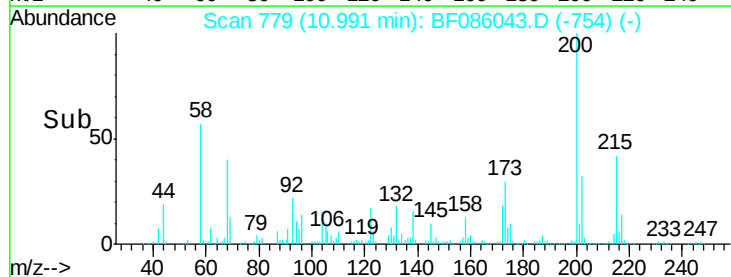
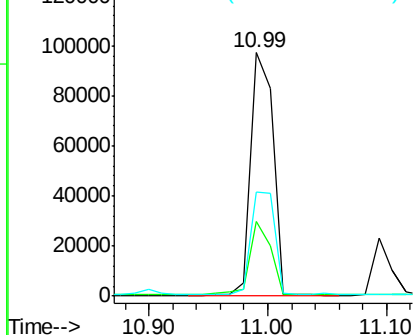


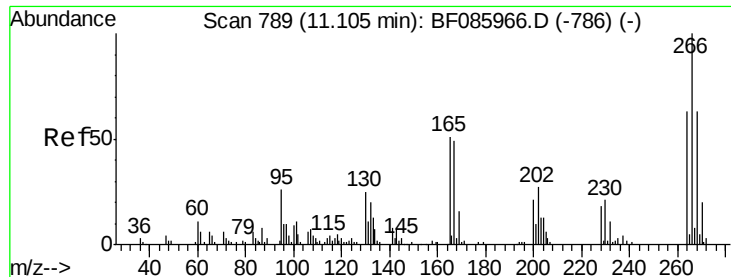
#68
Atrazine
Concen: 41.71 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion:200 Resp: 129867
Ion Ratio Lower Upper
200 100
173 30.9 7.7 47.7
215 42.7 25.4 65.4



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

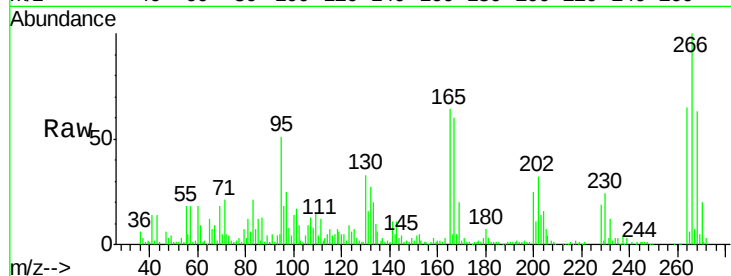




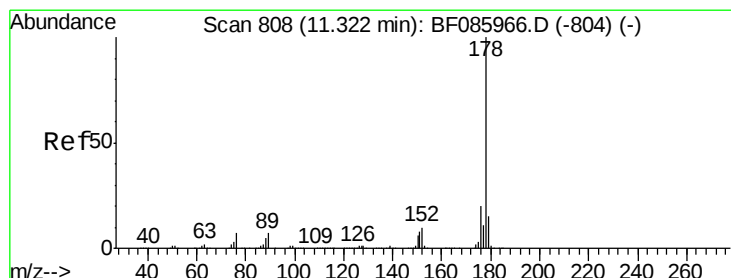
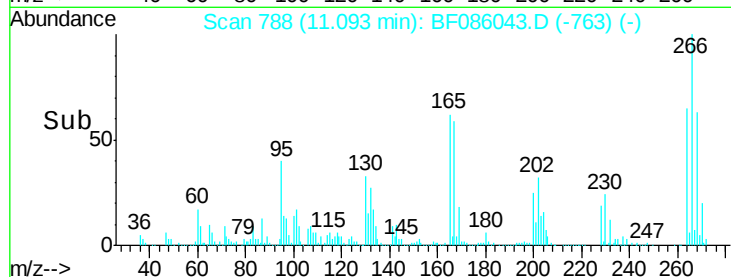
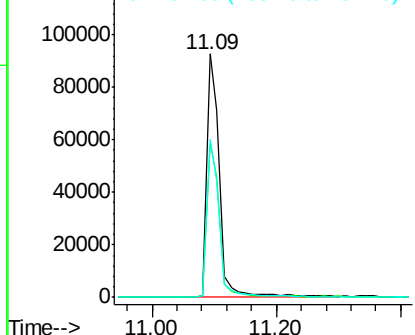
#69
 Pentachlorophenol
 Concen: 85.59 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Tgt Ion:266 Resp: 130494
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 64.9 50.6 76.0

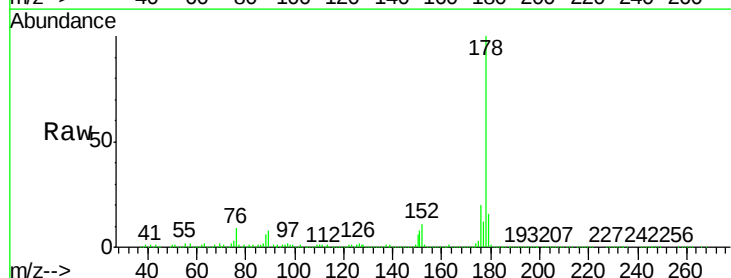


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

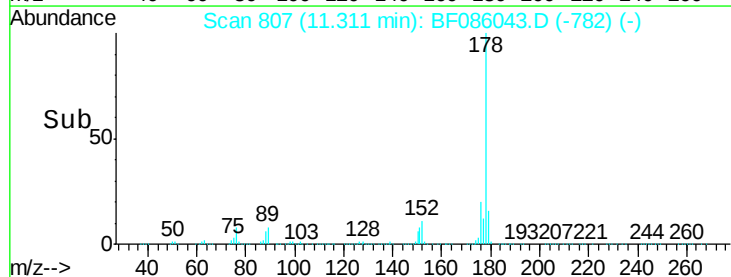
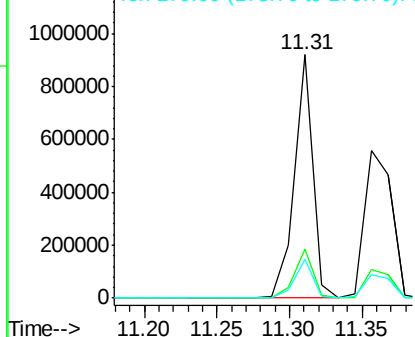


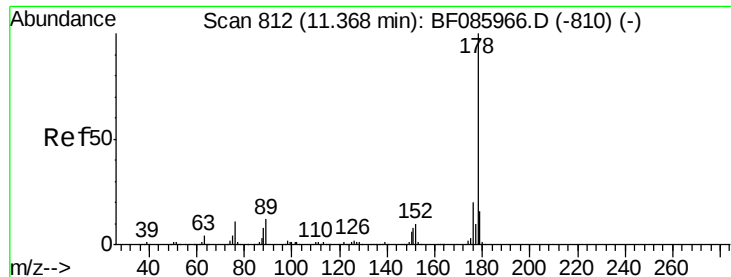
#70
 Phenanthrene
 Concen: 47.90 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion:178 Resp: 805221
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.3 24.5
 179 15.9 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

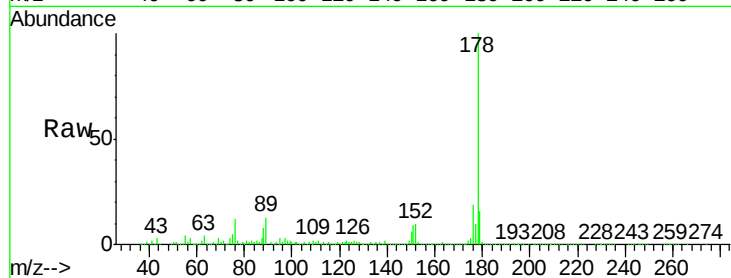




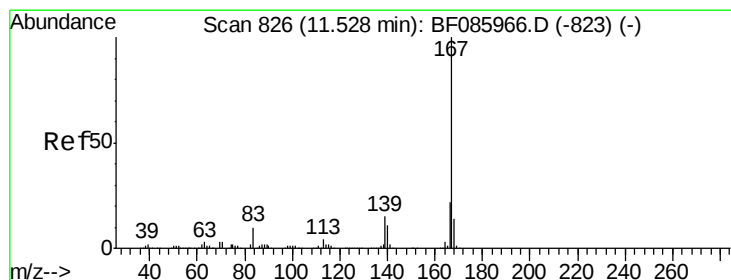
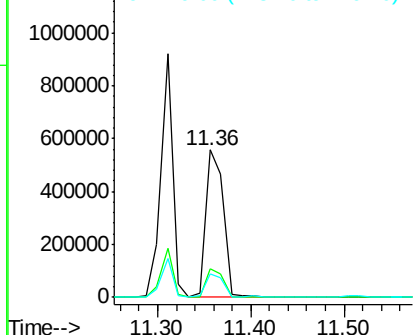
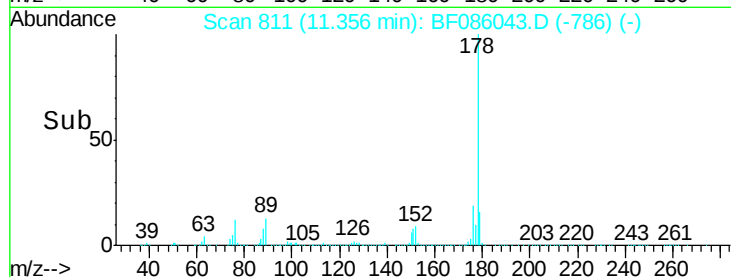
#71
 Anthracene
 Concen: 41.03 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Tgt Ion:178 Resp: 722566
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 16.1 13.0 19.4

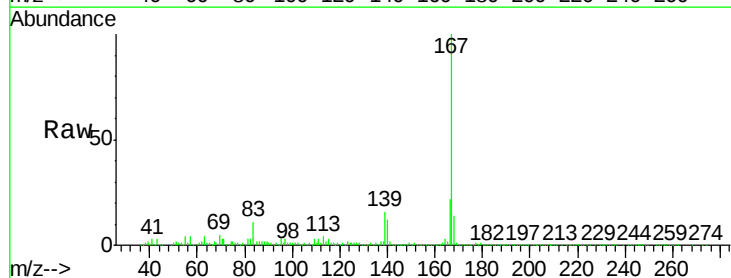


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

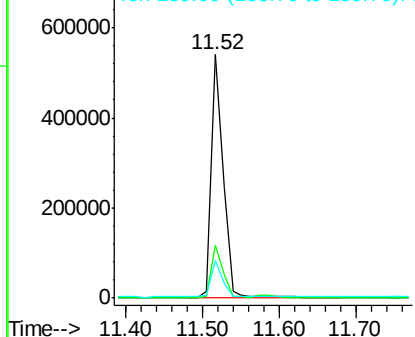
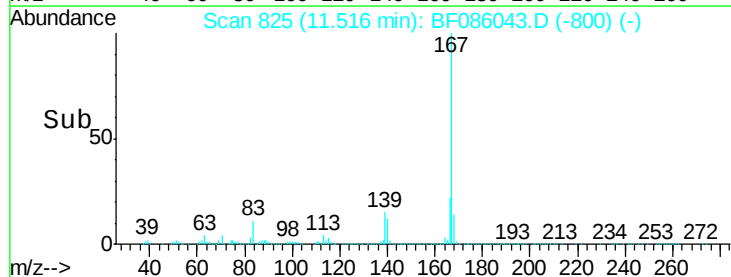


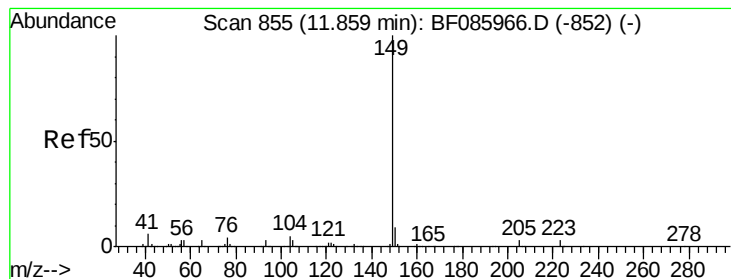
#72
 Carbazole
 Concen: 37.79 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion:167 Resp: 572061
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 15.6 11.6 17.4



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





#73

Di-n-butylphthalate

Concen: 42.26 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

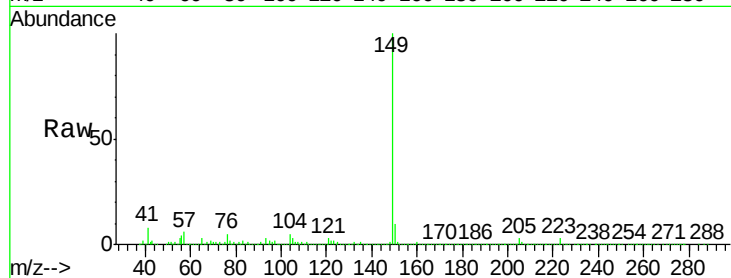
Tgt Ion:149 Resp: 792711

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

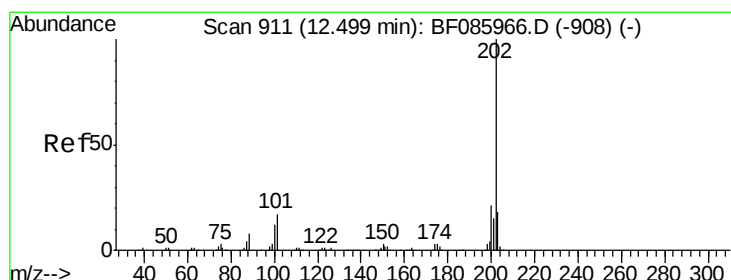
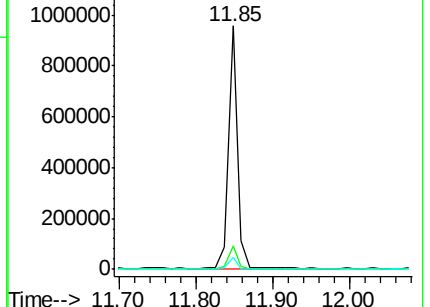
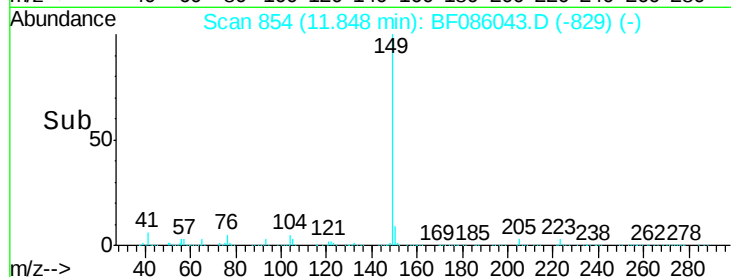
104 5.1 3.8 5.8



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: 48.29 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

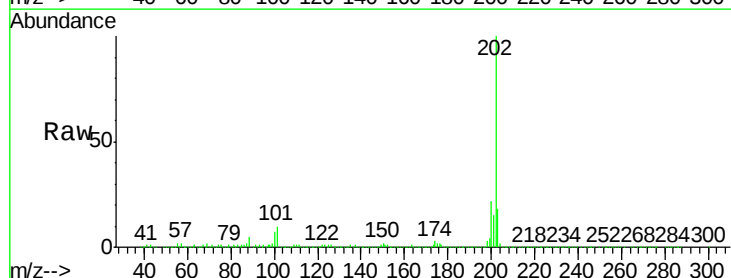
Tgt Ion:202 Resp: 844273

Ion Ratio Lower Upper

202 100

101 9.7 0.0 36.6

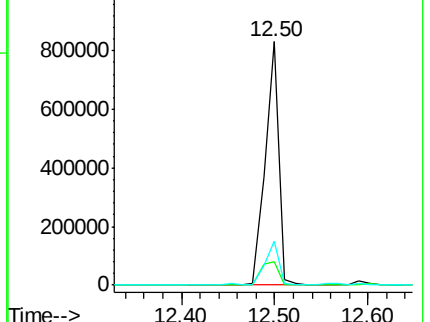
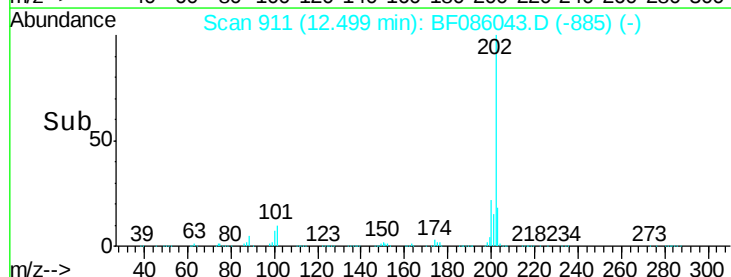
203 18.0 0.0 38.1

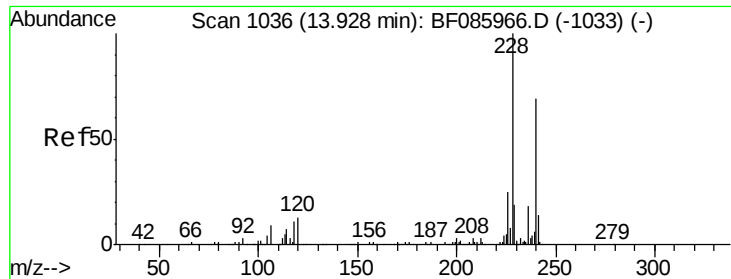


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

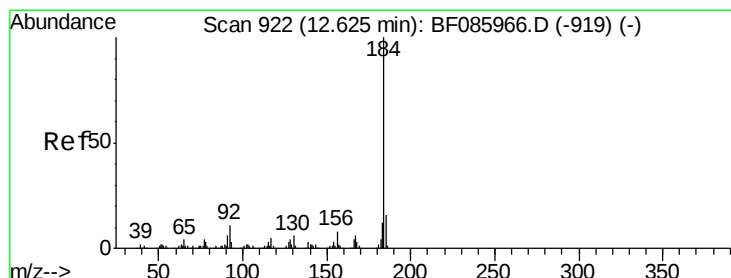
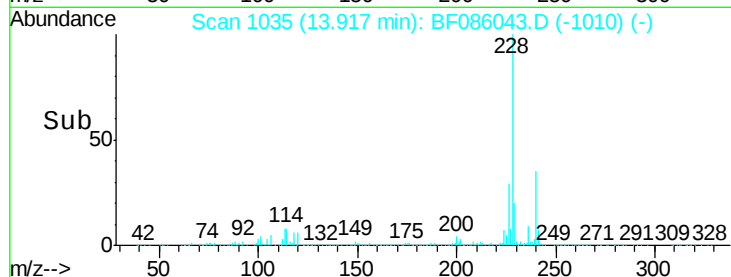
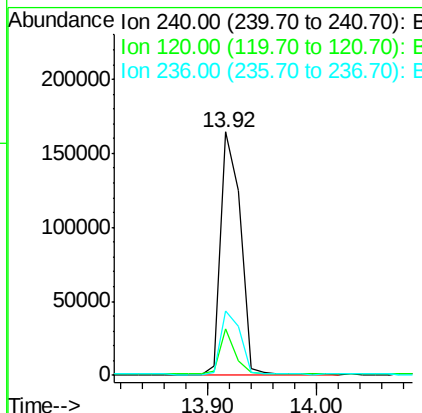
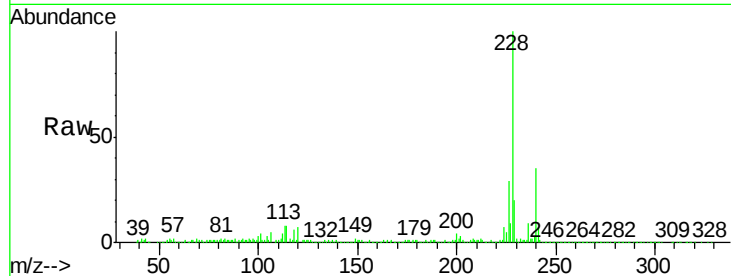




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

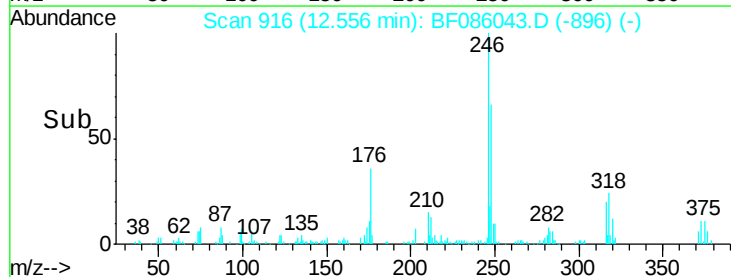
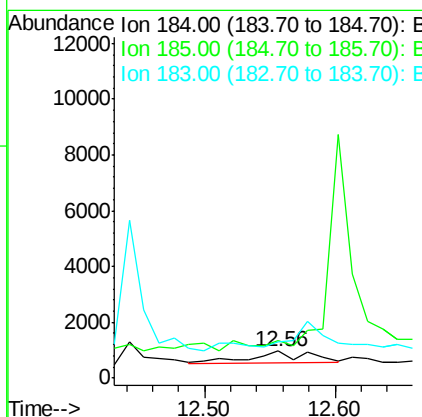
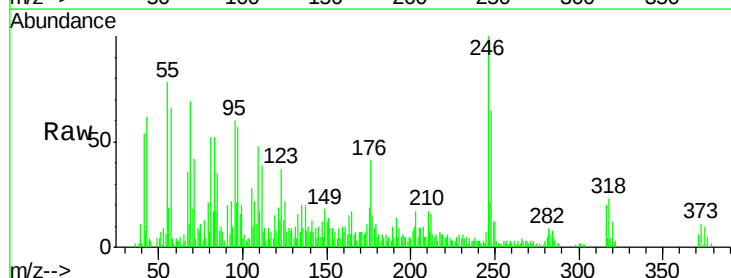
Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

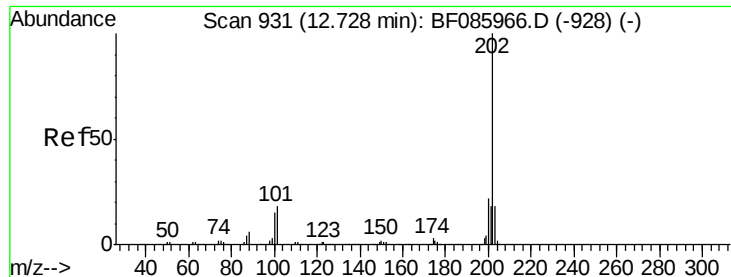
Tgt Ion:240 Resp: 206222
Ion Ratio Lower Upper
240 100
120 19.2 13.8 20.8
236 26.3 20.6 30.8



#76
Benzidine
Concen: 0.19 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.07 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion:184 Resp: 1377
Ion Ratio Lower Upper
184 100
185 136.9 12.4 18.6#
183 134.3 9.4 14.2#





#77

Pyrene

Concen: 56.62 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

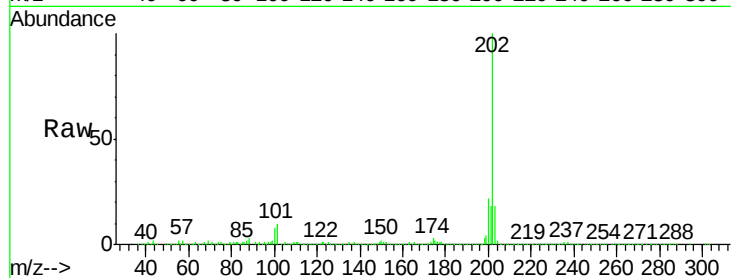
Tgt Ion:202 Resp: 822742

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

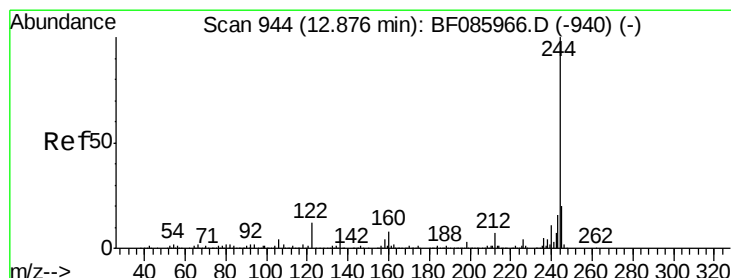
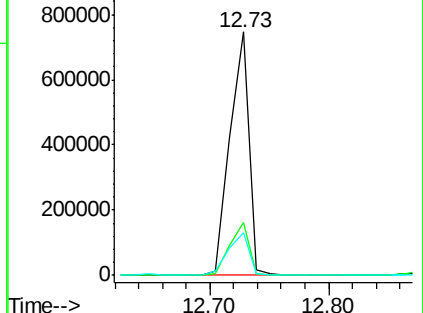
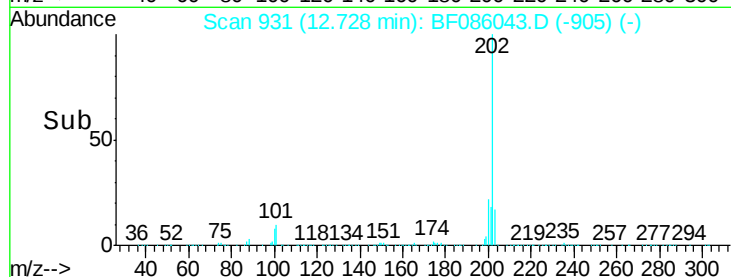
203 17.5 14.0 21.0



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: 87.35 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

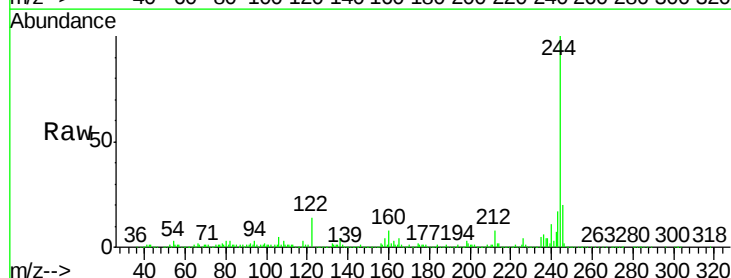
Tgt Ion:244 Resp: 766327

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

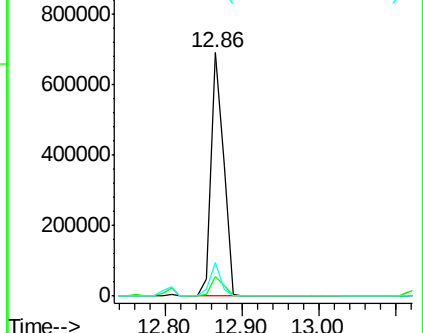
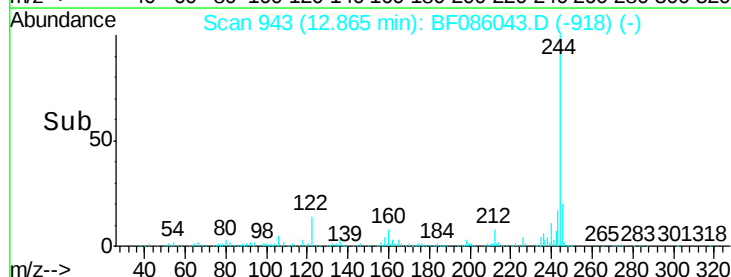
122 13.9 10.2 15.4

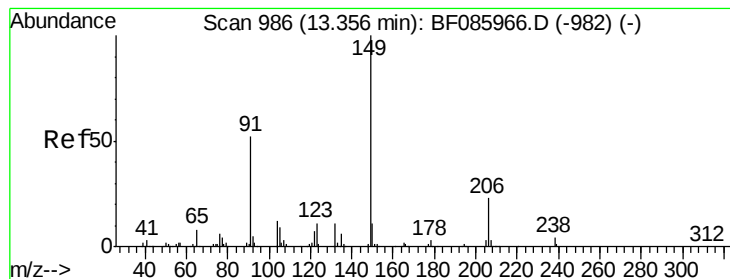


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.18 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

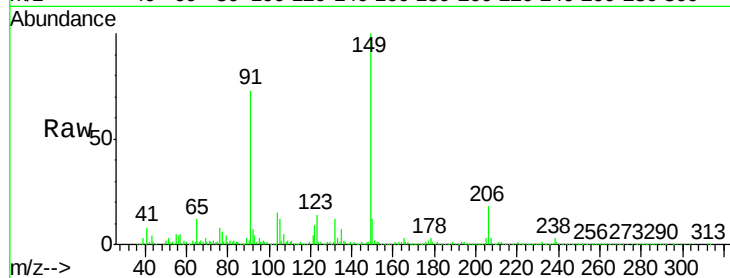
Tgt Ion:149 Resp: 308734

Ion Ratio Lower Upper

149 100

91 72.7 45.8 68.8#

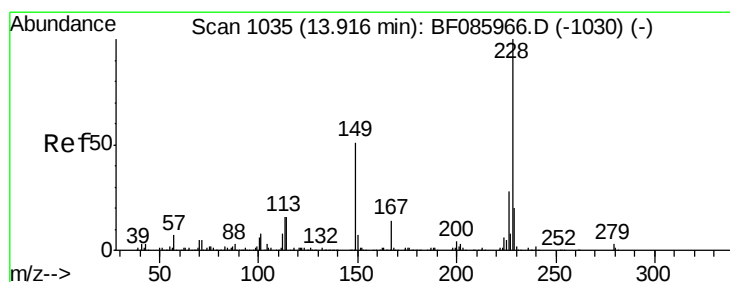
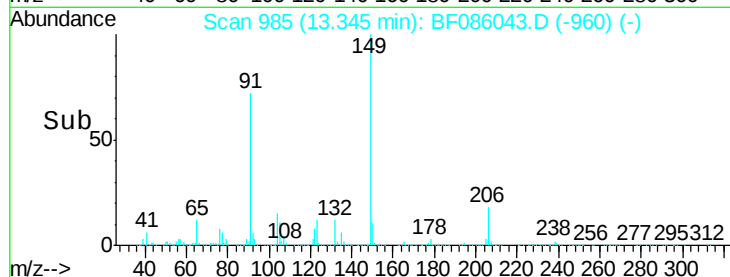
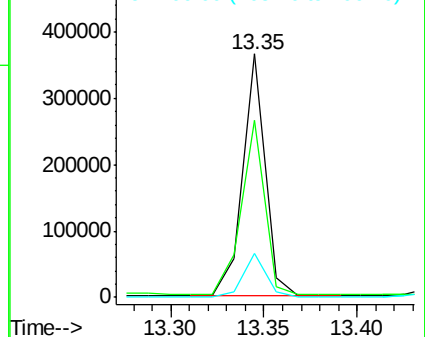
206 17.9 17.8 26.8



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: 49.92 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

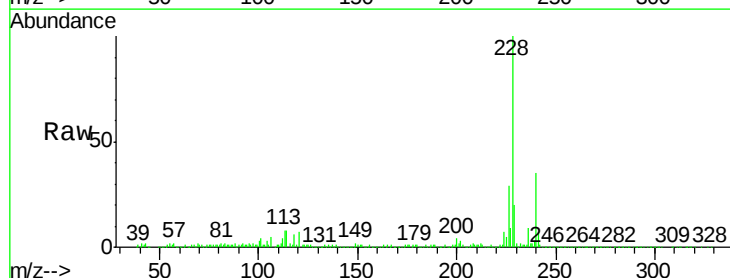
Tgt Ion:228 Resp: 606776

Ion Ratio Lower Upper

228 100

226 28.8 22.1 33.1

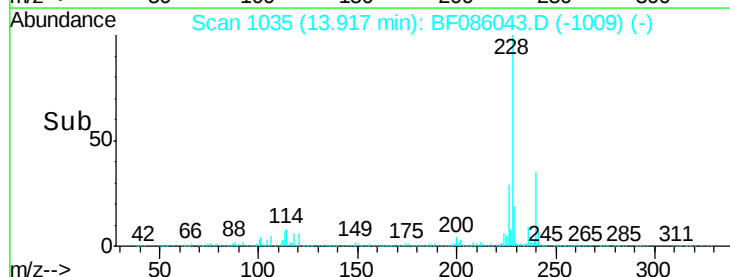
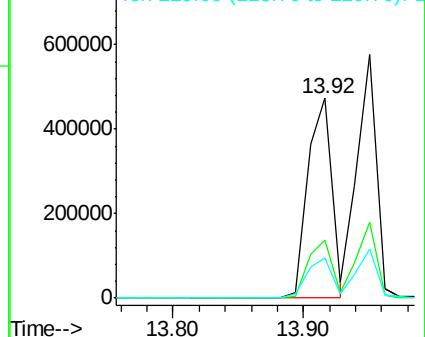
229 19.8 16.2 24.4

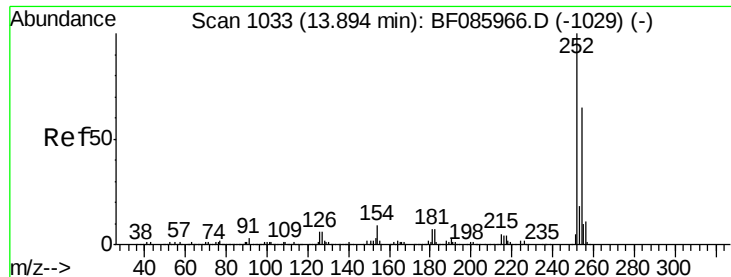


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

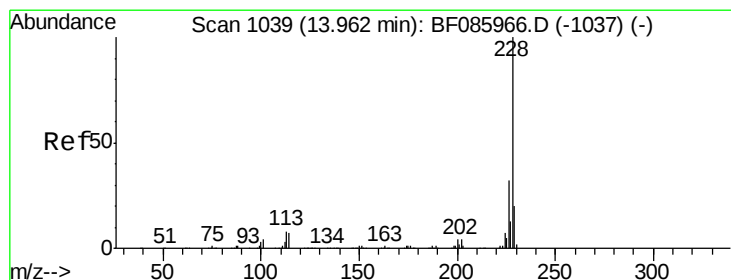
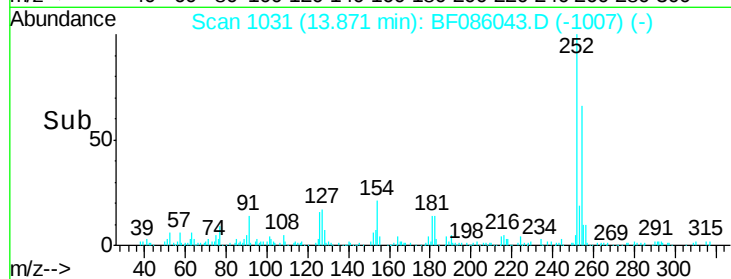
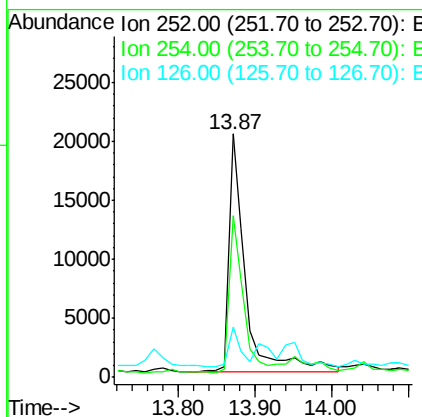
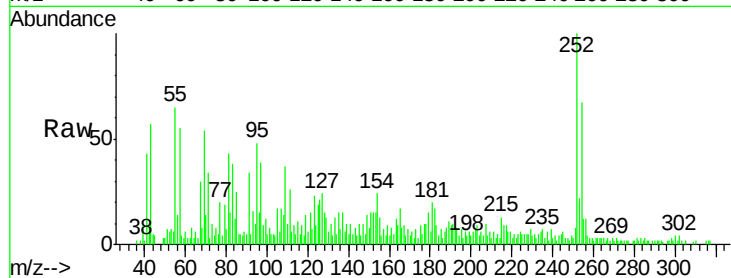




#81
 3,3'-Dichlorobenzidine
 Concen: 3.54 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

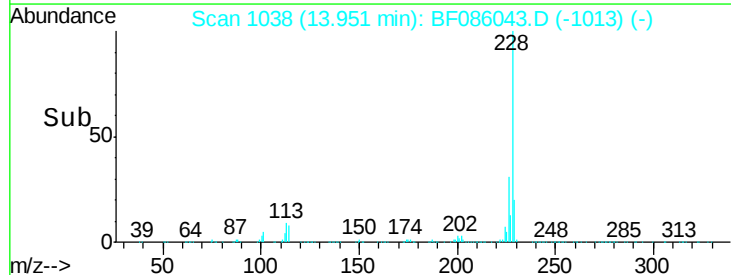
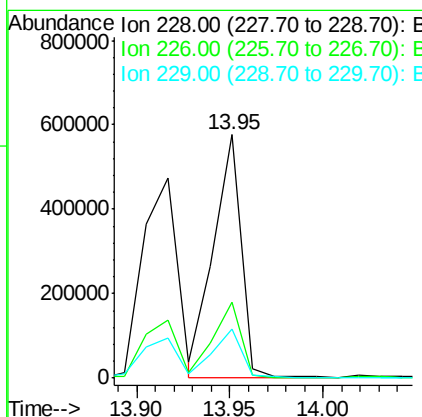
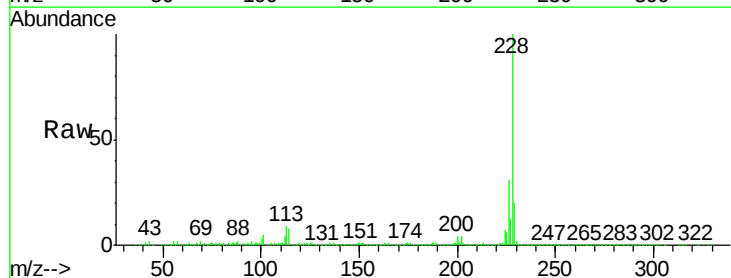
Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

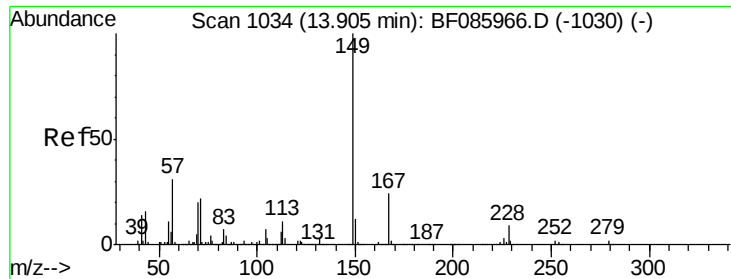
Tgt Ion: 252 Resp: 31429
 Ion Ratio Lower Upper
 252 100
 254 66.6 50.7 76.1
 126 20.6 11.8 17.6#



#82
 Chrysene
 Concen: 50.54 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion: 228 Resp: 591820
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.3 15.7 23.5

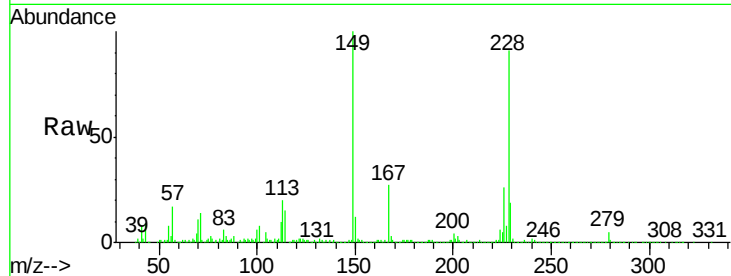




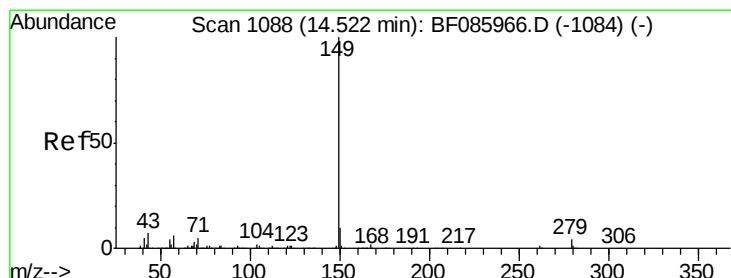
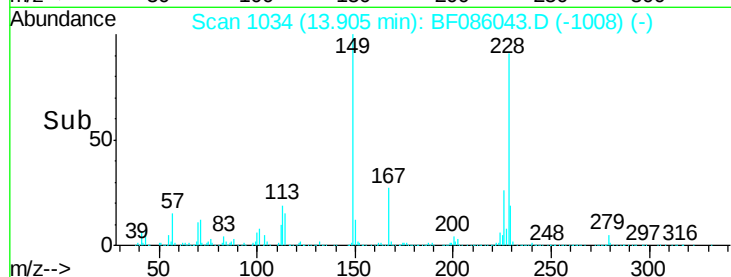
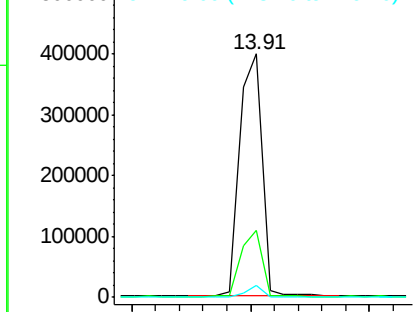
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.28 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Tgt Ion:149 Resp: 523506
 Ion Ratio Lower Upper
 149 100
 167 27.4 19.4 29.2
 279 5.1 1.5 2.3#

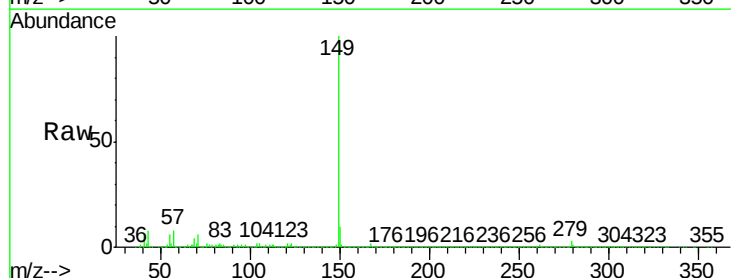


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

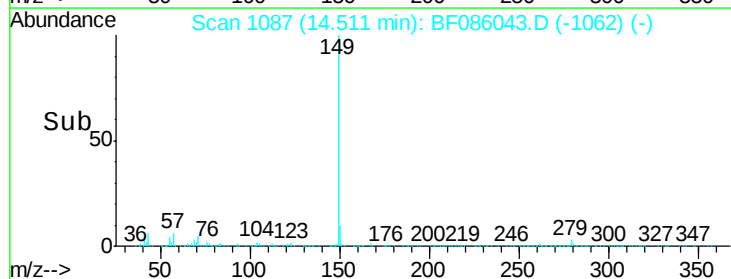
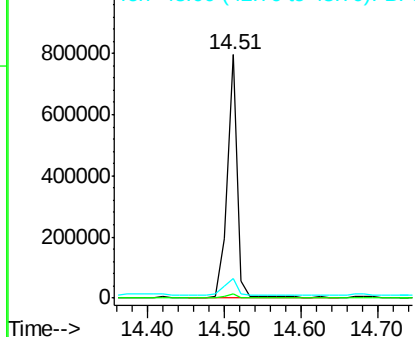


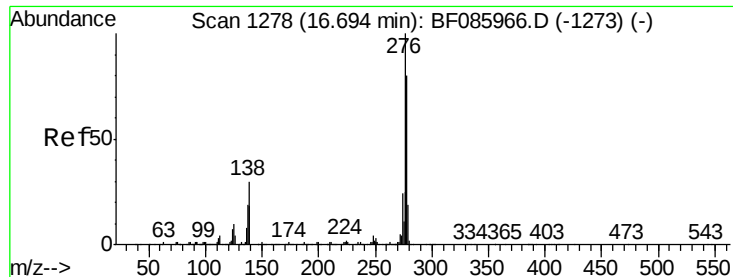
#84
 Di-n-octyl phthalate
 Concen: 52.04 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion:149 Resp: 721787
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.9 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

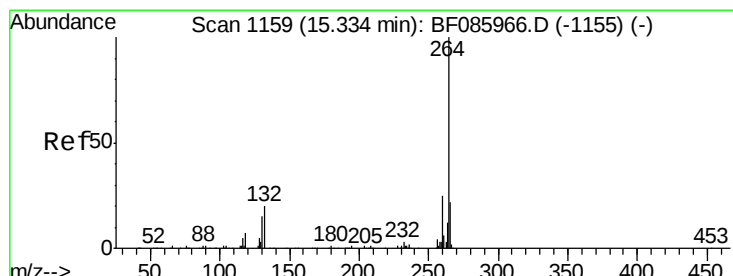
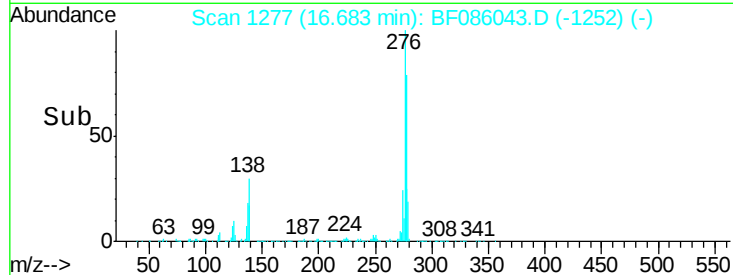
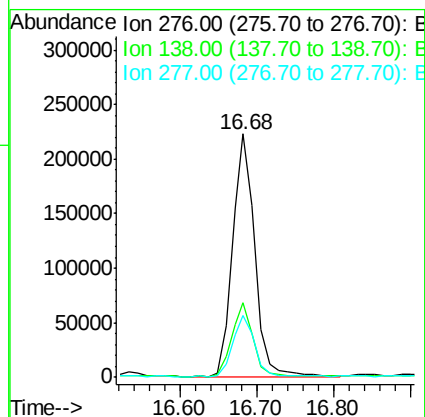
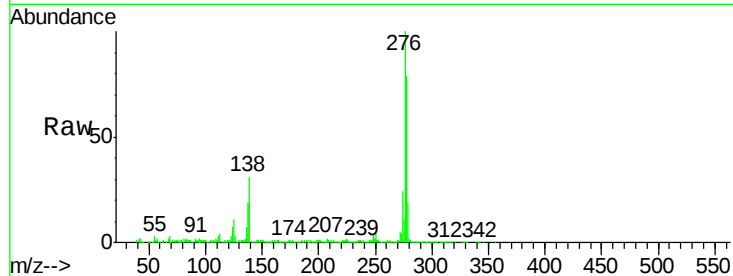




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.30 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

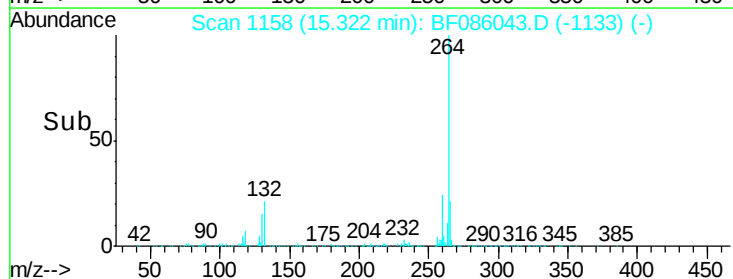
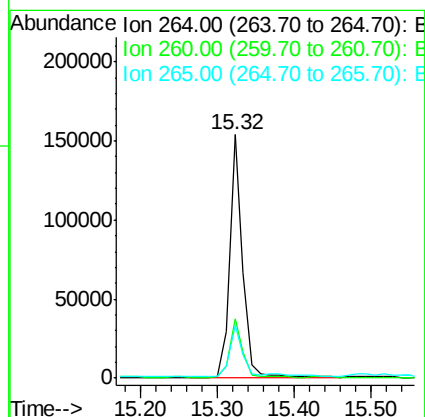
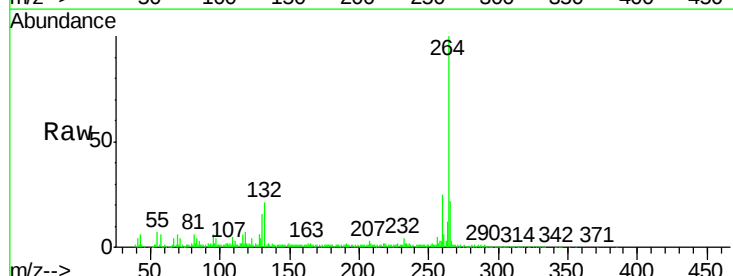
Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

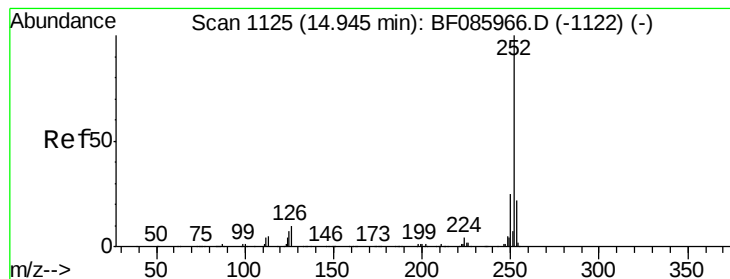
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	24.2	36.4
277	25.0	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 94.38 ng

RT: 14.96 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

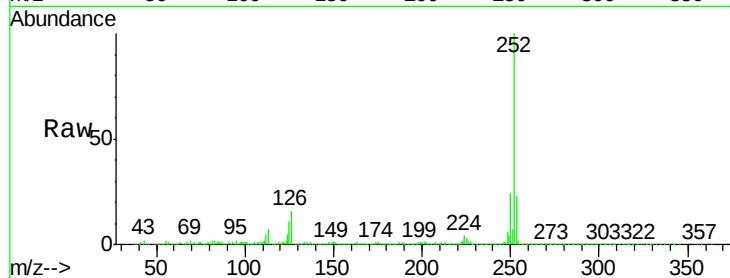
Tgt Ion:252 Resp: 1079928

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

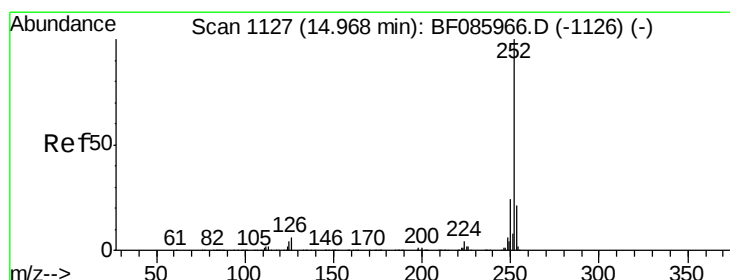
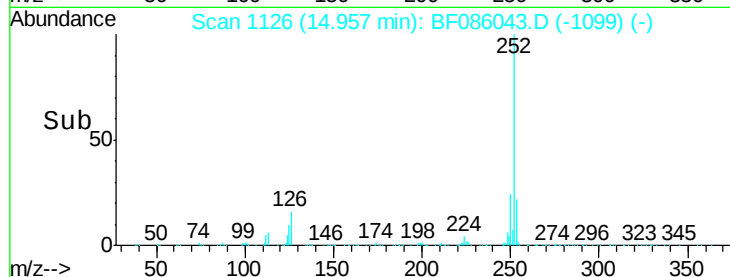
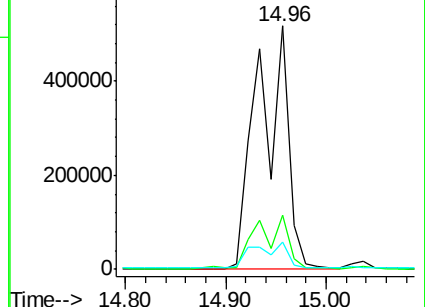
125 11.1 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 106.58 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

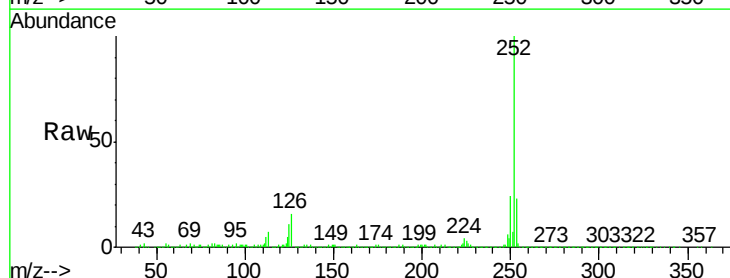
Tgt Ion:252 Resp: 1079928

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

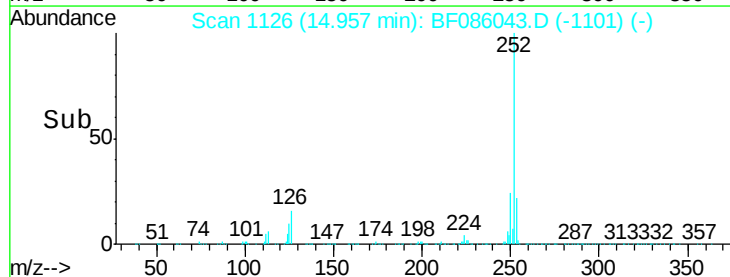
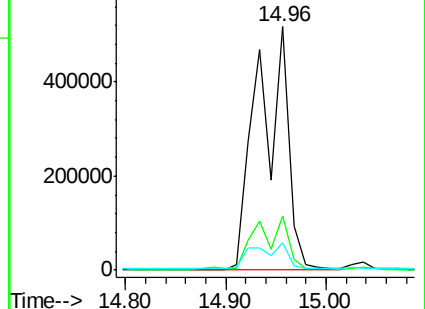
125 11.1 7.7 11.5

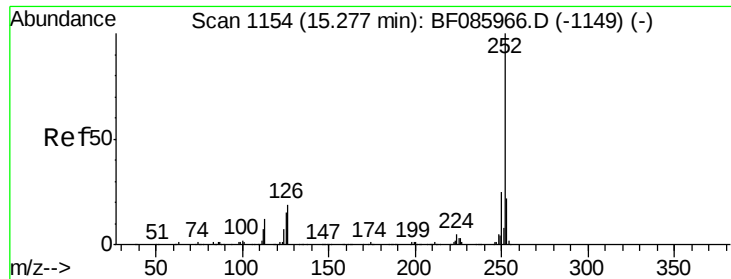


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.16 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

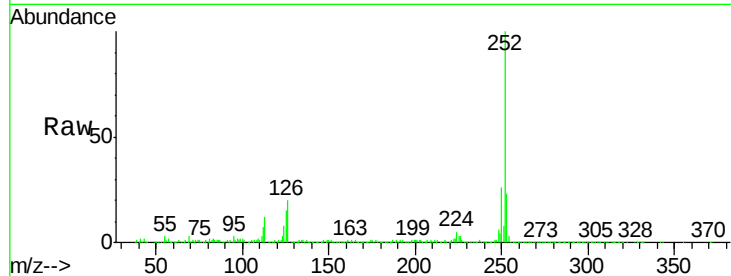
Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

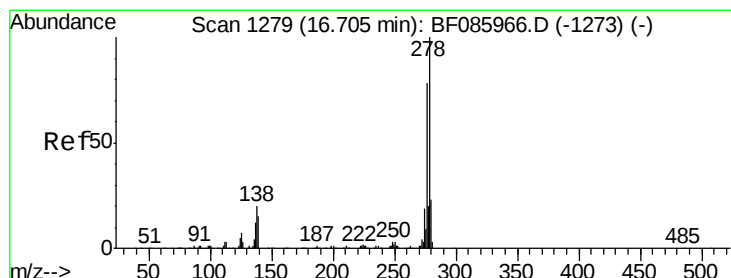
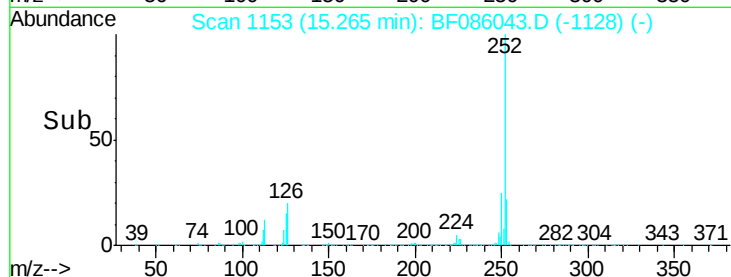
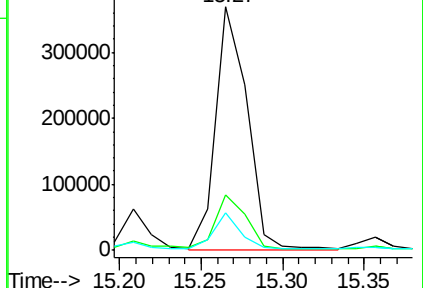
Tgt Ion:	252	Resp:	488187
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	15.5	10.3	15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.06 ng

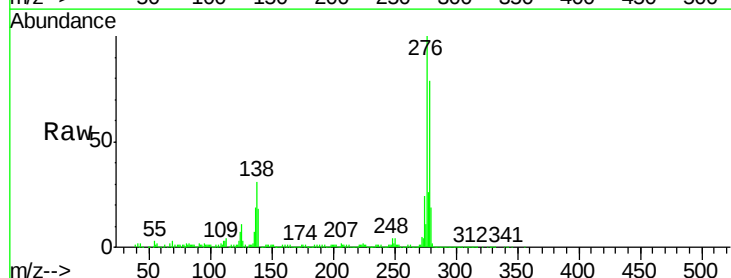
RT: 16.68 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

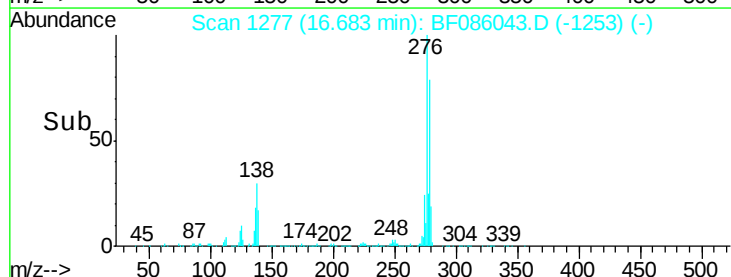
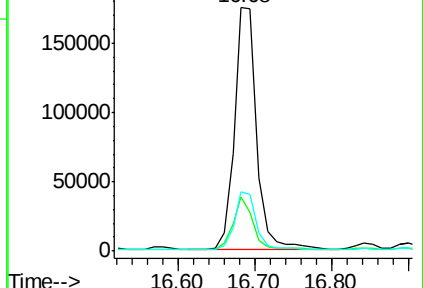
Tgt Ion:	278	Resp:	351245
Ion Ratio	Lower	Upper	
278	100		
139	22.4	14.4	21.6#
279	24.4	19.1	28.7

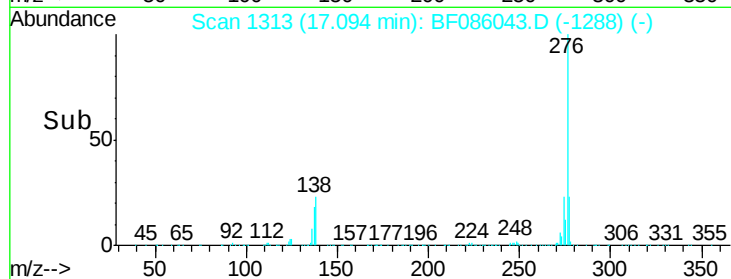
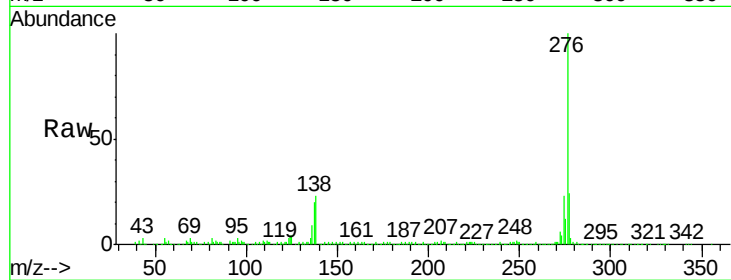
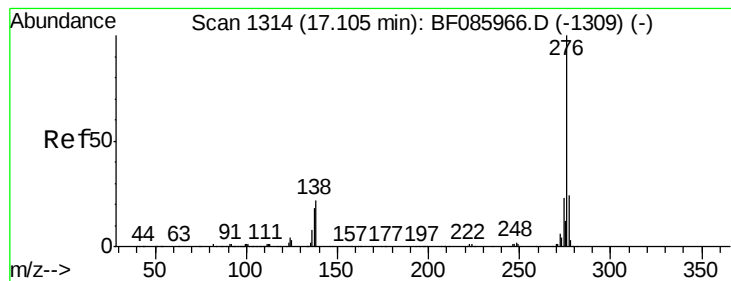


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.55 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

Tgt Ion: 276 Resp: 375338

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 23.1 22.6 34.0

