

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086049.D
 Acq On : 4 Apr 2016 20:46
 Operator : UM/SJ
 Sample : H2180-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK2-DUP-20160401

Quant Time: Apr 05 01:02:27 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	120519	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	435203	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	184458	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	253187	20.00	ng	0.00
75) Chrysene-d12	13.93	240	217597	20.00	ng	0.00
86) Perylene-d12	15.33	264	170616	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	864530	122.61	ng	0.00
7) Phenol-d6	6.42	99	1081583	120.77	ng	0.00
23) Nitrobenzene-d5	7.33	82	641644	86.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	205614	118.76	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	870869	78.50	ng	-0.01
78) Terphenyl-d14	12.88	244	563968	60.92	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.45	93	1266	0.11	ng	# 1
9) Benzaldehyde	6.53	77	16804	3.49	ng	84
10) Phenol	6.43	94	6502	0.64	ng	# 27
11) bis(2-Chloroethyl)ether	6.53	93	1306	0.16	ng	# 1
12) 1,3-Dichlorobenzene	6.78	146	2832	0.32	ng	# 91
13) 1,4-Dichlorobenzene	6.78	146	2832	0.31	ng	98
14) 1,2-Dichlorobenzene	6.78	146	2832	0.34	ng	96
15) Benzyl Alcohol	6.92	79	11979	2.07	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	6.81	45	711	0.07	ng	65
17) 2-Methylphenol	7.23	107	1908	0.29	ng	# 47
18) Hexachloroethane	7.25	117	488	0.14	ng	# 1
19) n-Nitroso-di-n-propylamine	7.33	70	88147	15.88	ng	# 77
20) 3+4-Methylphenols	7.23	107	1908	0.24	ng	# 69
22) Acetophenone	7.16	105	2838	0.28	ng	# 41
24) Nitrobenzene	7.33	77	3451	0.43	ng	# 34
25) Isophorone	7.33	82	496973	34.11	ng	# 68
26) 2-Nitrophenol	7.79	139	221	0.06	ng	# 1
27) 2,4-Dimethylphenol	7.70	122	545	0.08	ng	# 1
28) bis(2-Chloroethoxy)methane	7.79	93	252	0.03	ng	# 1
29) 2,4-Dichlorophenol	8.01	162	1322	0.23	ng	# 48
31) Naphthalene	8.06	128	299077	13.66	ng	99
32) Benzoic acid	7.87	122	2217	0.44	ng	# 1
33) 4-Chloroaniline	8.16	127	3118	0.35	ng	# 74
35) Caprolactam	8.48	113	8871	4.77	ng	# 56
36) 4-Chloro-3-methylphenol	8.57	107	1667	0.25	ng	# 30
37) 2-Methylnaphthalene	8.76	142	116094	8.12	ng	99
42) 2,4,6-Trichlorophenol	8.90	196	329	0.09	ng	# 13
43) 2,4,5-Trichlorophenol	9.23	196	435	0.12	ng	# 1
45) 1,1'-Biphenyl	9.23	154	40355	2.54	ng	94
46) 2-Chloronaphthalene	9.23	162	318	0.03	ng	# 1
47) 2-Nitroaniline	9.39	65	765	0.23	ng	# 64
48) Acenaphthylene	9.66	152	117625	6.37	ng	95
49) Dimethylphthalate	9.53	163	105358	7.71	ng	# 99
50) 2,6-Dinitrotoluene	9.56	165	1966	0.68	ng	# 39

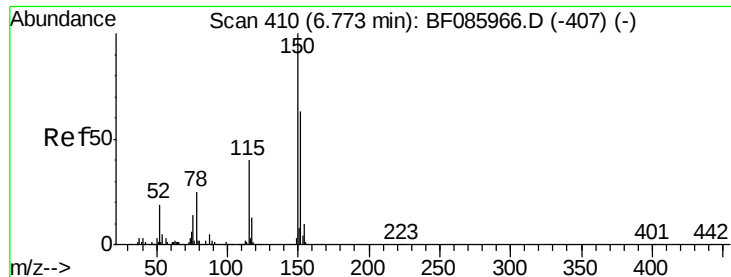
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086049.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	9.84	154	84913	7.73	ng	96
52) 3-Nitroaniline	9.74	138	3215	0.92	ng	# 12
53) 2,4-Dinitrophenol	10.01	184	978	2.89	ng	# 1
54) Dibenzofuran	10.01	168	186054	12.83	ng	96
55) 4-Nitrophenol	9.92	139	5422	2.64	ng	# 1
56) 2,4-Dinitrotoluene	10.01	165	1891	0.52	ng	# 1
57) Fluorene	10.35	166	215012	17.35	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	693	0.26	ng	# 31
59) Diethylphthalate	10.22	149	5419	0.39	ng	# 8
60) 4-Chlorophenyl-phenylether	10.36	204	1396	0.24	ng	# 1
61) 4-Nitroaniline	10.26	138	9732	2.83	ng	81
62) Azobenzene	10.51	77	9245	0.70	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.42	198	221	0.14	ng	# 1
65) n-Nitrosodiphenylamine	10.46	169	25506	3.22	ng	# 69
66) 4-Bromophenyl-phenylether	10.83	248	2493	0.96	ng	# 1
68) Atrazine	11.01	200	1971	0.77	ng	# 1
69) Pentachlorophenol	11.09	266	2406	1.92	ng	# 21
70) Phenanthrene	11.32	178	1157024	83.77	ng	98
71) Anthracene	11.37	178	254629	17.60	ng	98
72) Carbazole	11.53	167	100221	8.06	ng	# 89
73) Di-n-butylphthalate	11.86	149	35660	2.31	ng	# 65
74) Fluoranthene	12.51	202	1000541	69.64	ng	93
76) Benzidine	12.66	184	669	0.09	ng	# 1
77) Pyrene	12.74	202	958333	62.50	ng	99
79) Butylbenzylphthalate	13.35	149	3952	0.57	ng	# 31
80) Benzo(a)anthracene	13.92	228	456901	35.62	ng	98
81) 3,3'-Dichlorobenzidine	13.88	252	1014	0.11	ng	# 57
82) Chrysene	13.95	228	315278	25.52	ng	97
83) Bis(2-ethylhexyl)phthalate	13.91	149	33977	3.71	ng	# 91
84) Di-n-octyl phthalate	14.55	149	1795	0.12	ng	# 43
85) Indeno(1,2,3-cd)pyrene	16.68	276	125949	12.56	ng	94
87) Benzo(b)fluoranthene	14.93	252	466455	43.46	ng	97
88) Benzo(k)fluoranthene	14.93	252	466455	49.08	ng	# 95
89) Benzo(a)pyrene	15.28	252	237187	24.94	ng	97
90) Dibenzo(a,h)anthracene	16.68	278	31634	4.13	ng	# 82
91) Benzo(g,h,i)perylene	17.09	276	115978	15.66	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

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TK2-DUP-20160401

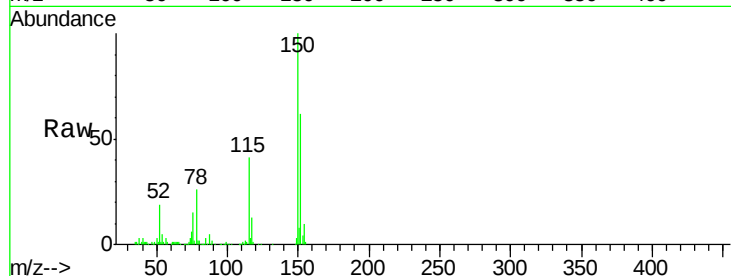
Tgt Ion:152 Resp: 120519

Ion Ratio Lower Upper

152 100

150 160.1 124.2 186.2

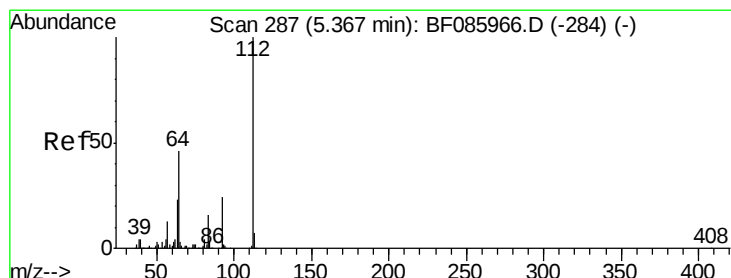
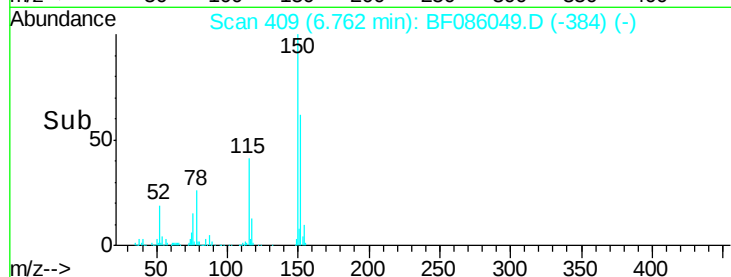
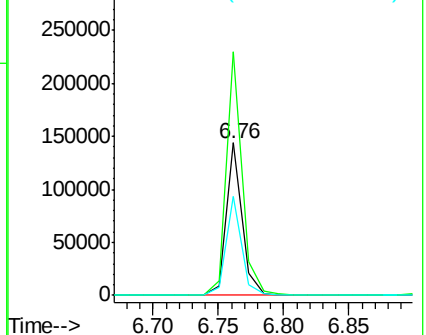
115 65.1 47.0 70.6



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



#5

2-Fluorophenol

Concen: 122.61 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

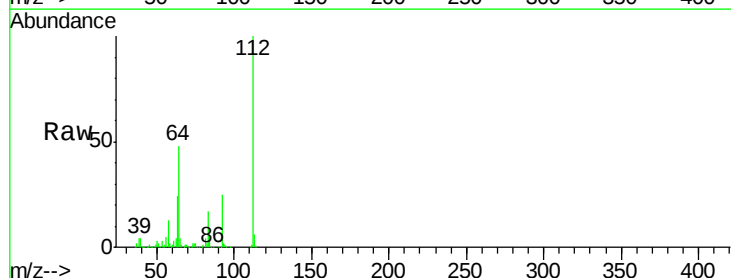
Tgt Ion:112 Resp: 864530

Ion Ratio Lower Upper

112 100

64 47.9 39.9 59.9

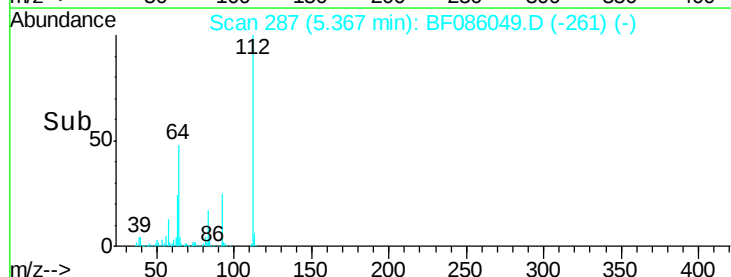
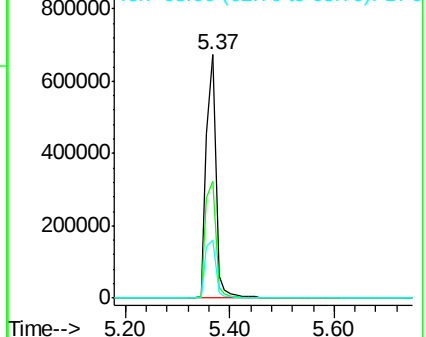
63 23.8 20.2 30.2

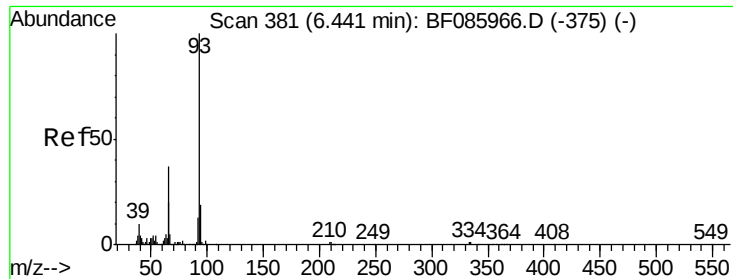


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.11 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

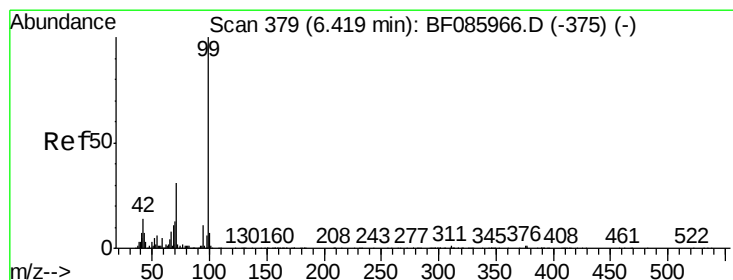
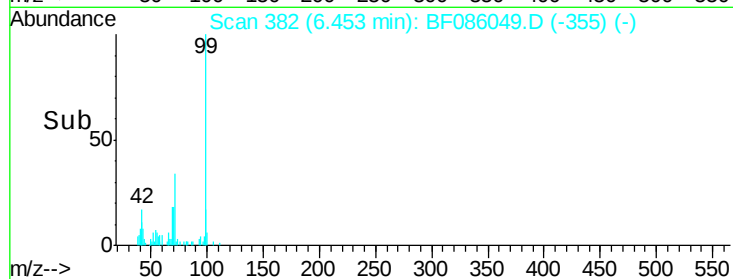
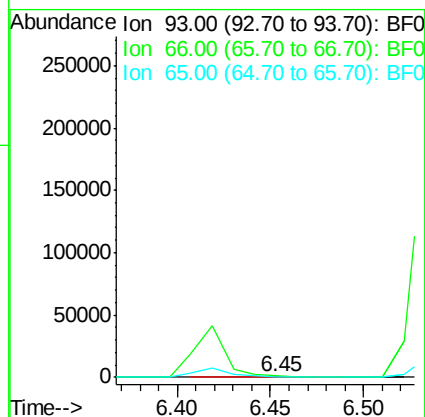
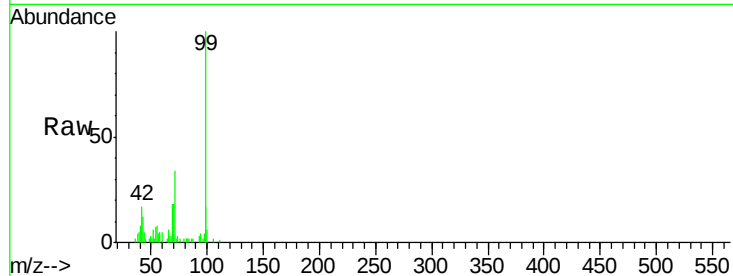
Tgt Ion: 93 Resp: 1266

Ion Ratio Lower Upper

93 100

66 166.1 31.4 47.2#

65 75.8 15.7 23.5#



#7

Phenol-d6

Concen: 120.77 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

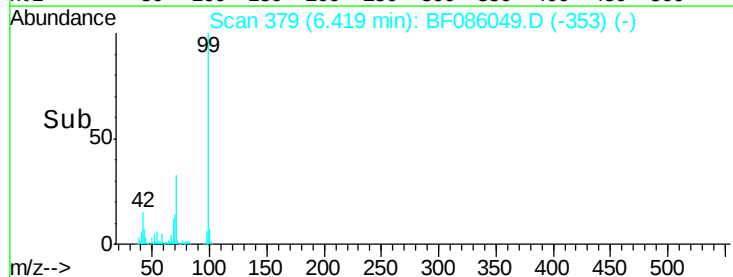
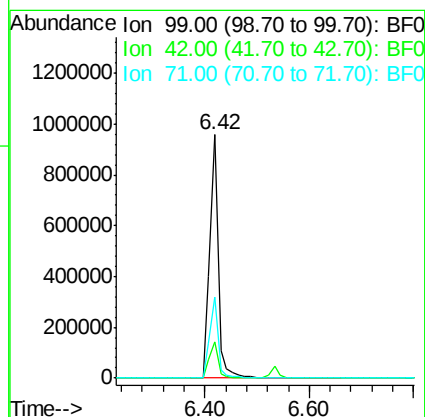
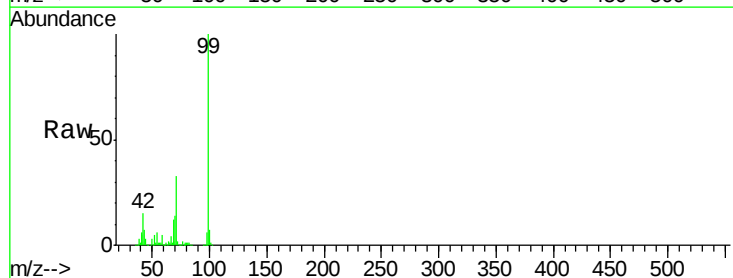
Tgt Ion: 99 Resp: 1081583

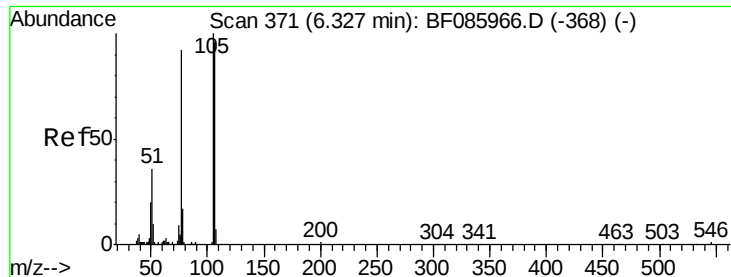
Ion Ratio Lower Upper

99 100

42 14.7 11.1 16.7

71 33.3 24.9 37.3





#9

Benzaldehyde

Concen: 3.49 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

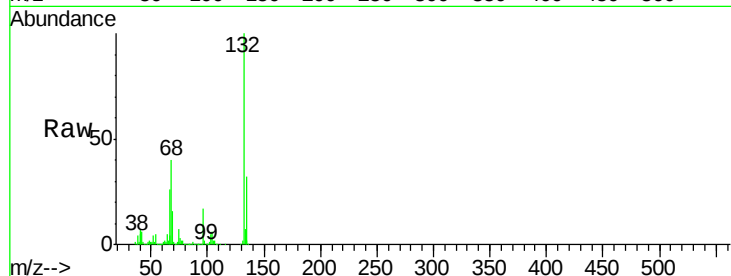
Tgt Ion: 77 Resp: 16804

Ion Ratio Lower Upper

77 100

105 84.7 80.1 120.1

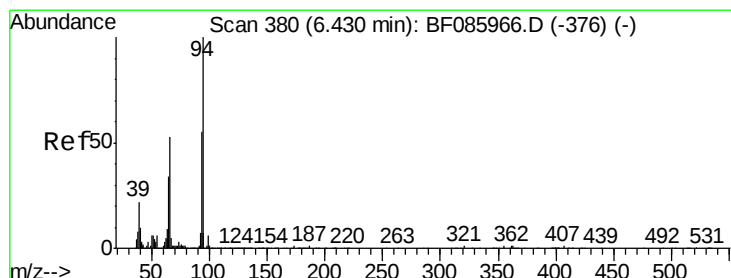
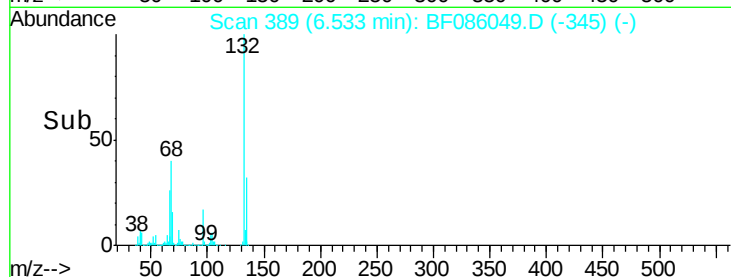
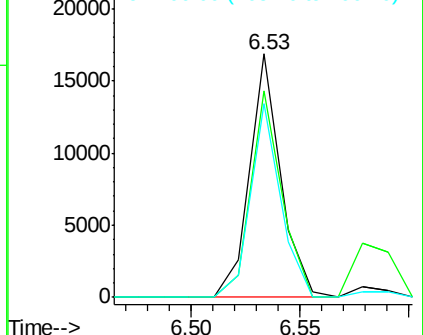
106 79.5 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.64 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

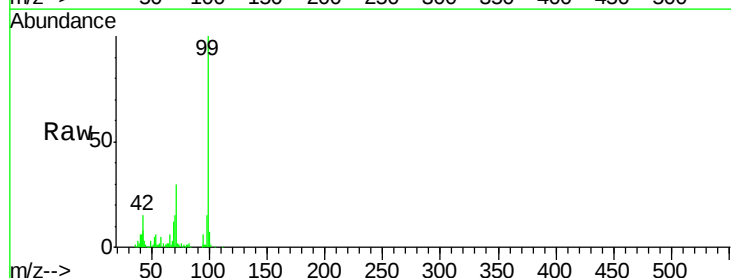
Tgt Ion: 94 Resp: 6502

Ion Ratio Lower Upper

94 100

65 39.8 8.6 48.6

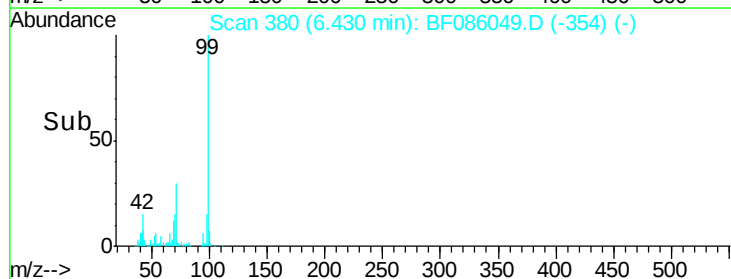
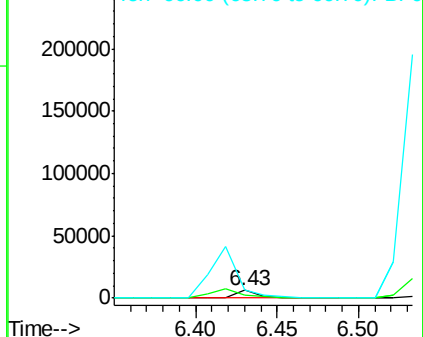
66 108.4 20.0 60.0#

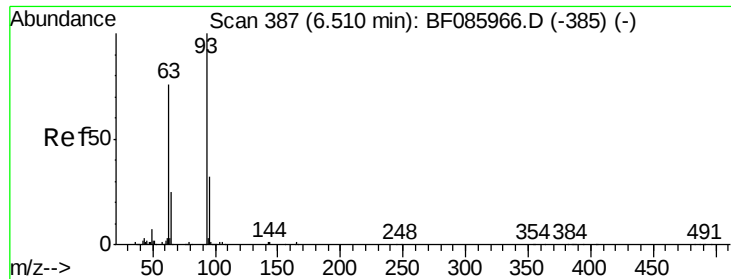


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

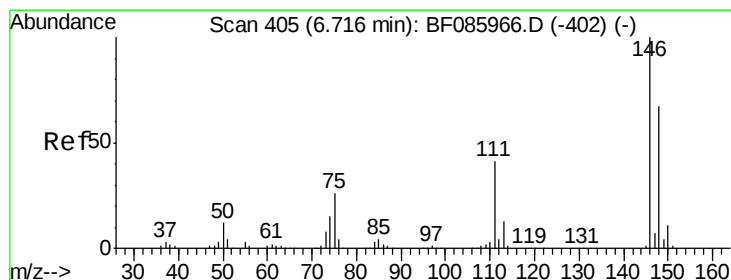
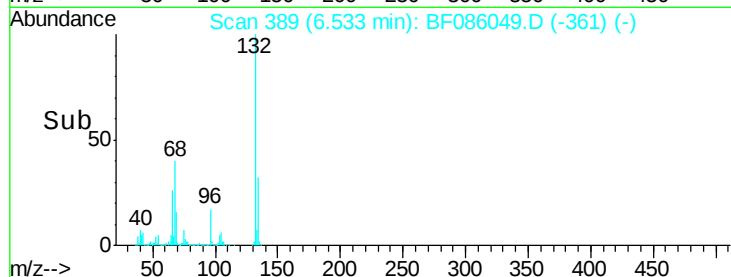
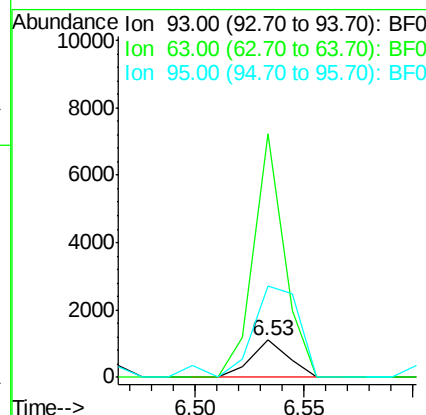
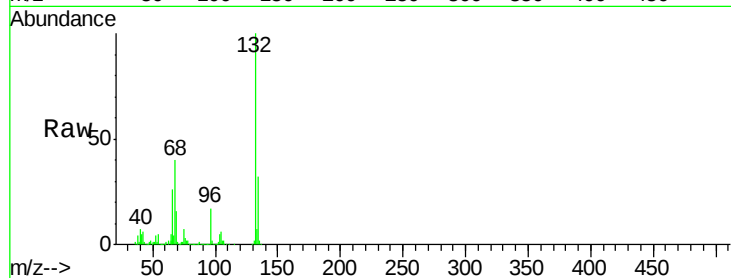




#11
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.02 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

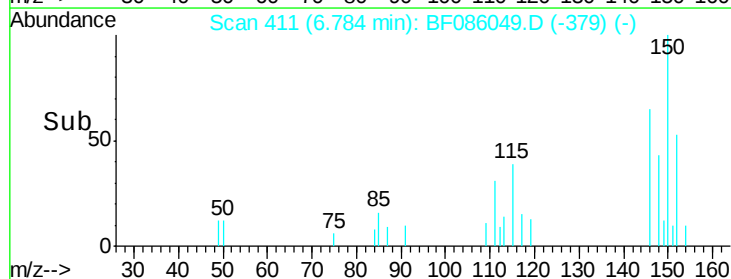
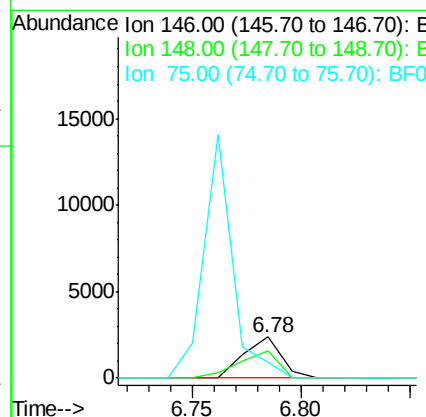
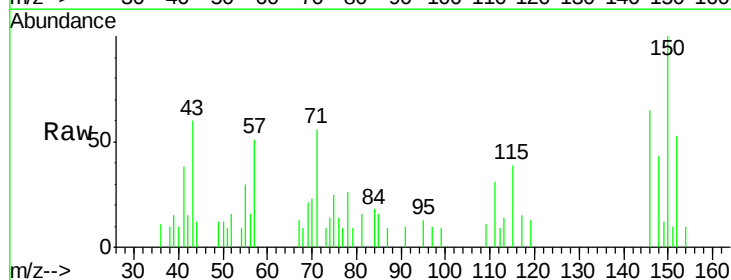
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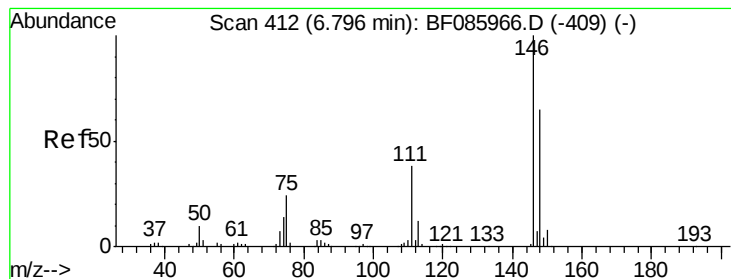
Tgt Ion: 93 Resp: 1306
Ion Ratio Lower Upper
93 100
63 658.2 50.9 90.9#
95 246.0 13.3 53.3#



#12
1,3-Dichlorobenzene
Concen: 0.32 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.07 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

Tgt Ion: 146 Resp: 2832
Ion Ratio Lower Upper
146 100
148 65.8 52.3 78.5
75 38.2 17.4 26.2#





#13

1,4-Dichlorobenzene

Concen: 0.31 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

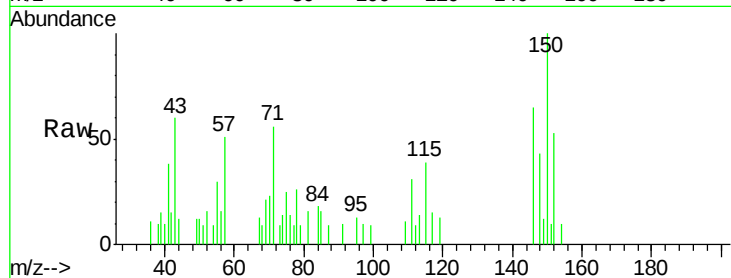
Tgt Ion:146 Resp: 2832

Ion Ratio Lower Upper

146 100

148 65.8 50.6 76.0

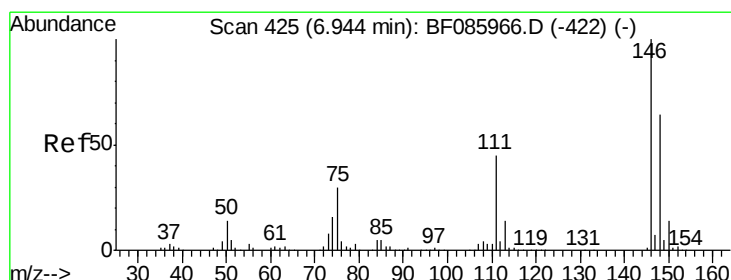
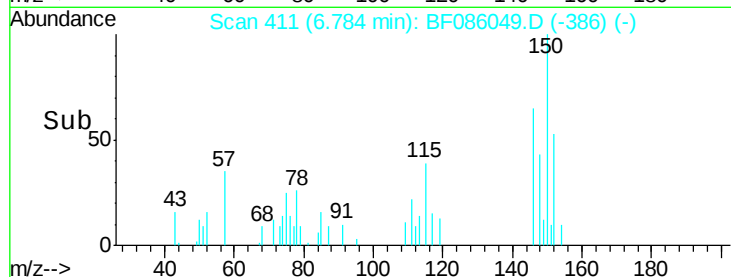
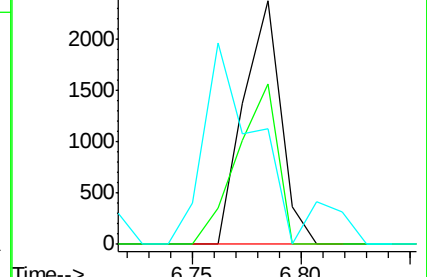
111 47.4 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.34 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.16 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

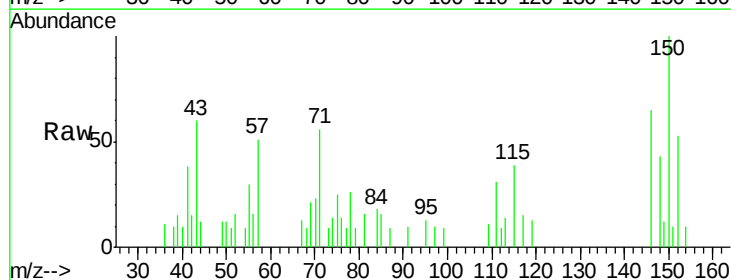
Tgt Ion:146 Resp: 2832

Ion Ratio Lower Upper

146 100

148 65.8 51.4 77.2

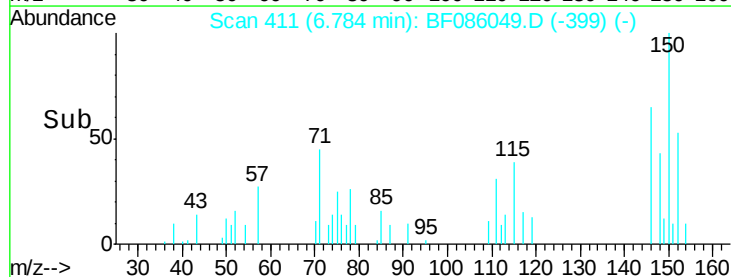
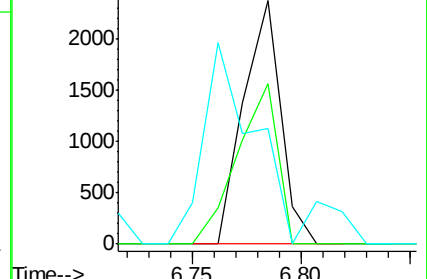
111 47.4 34.6 52.0

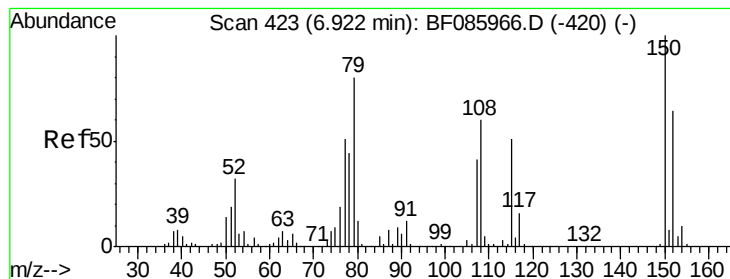


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

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ClientSampleId :

TK2-DUP-20160401

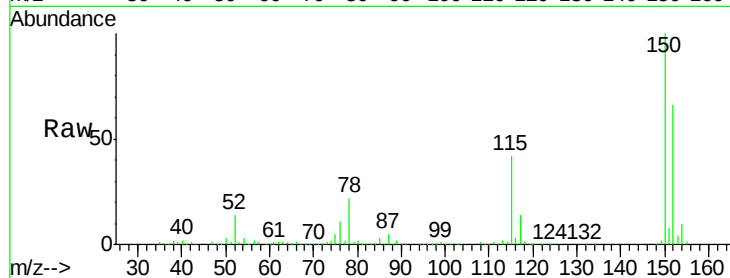
Tgt Ion: 79 Resp: 11979

Ion Ratio Lower Upper

79 100

108 37.2 61.8 92.6#

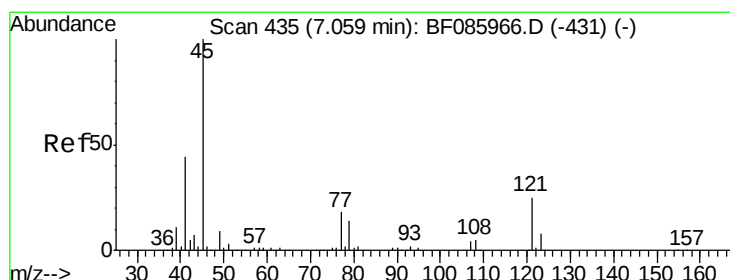
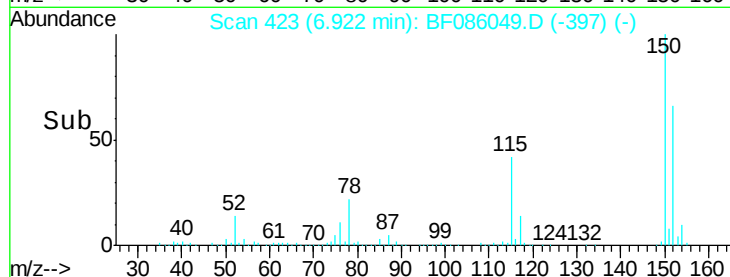
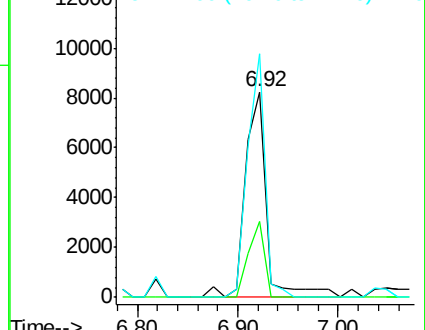
77 118.4 49.6 74.4#



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: 0.07 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.25 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

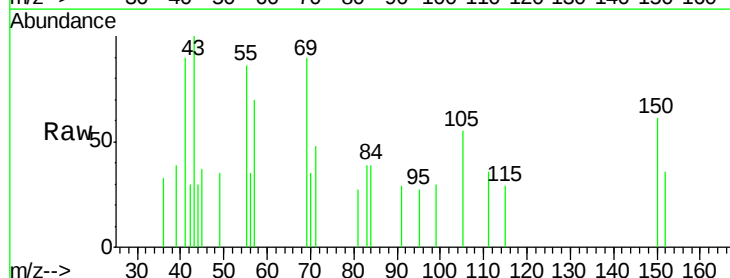
Tgt Ion: 45 Resp: 711

Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.7

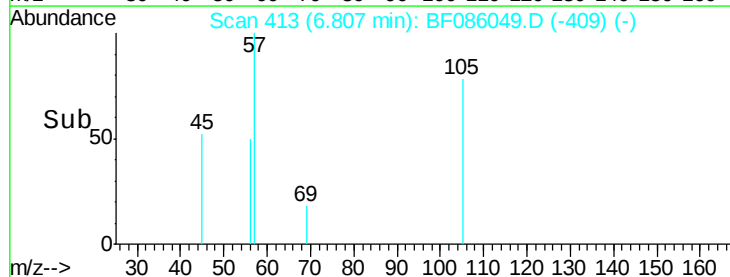
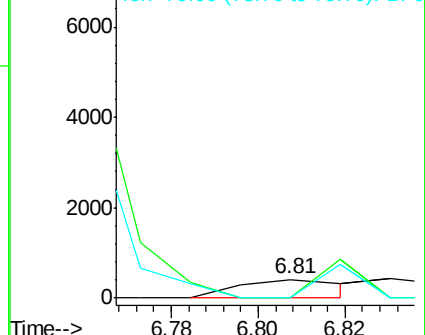
79 0.0 0.0 32.2

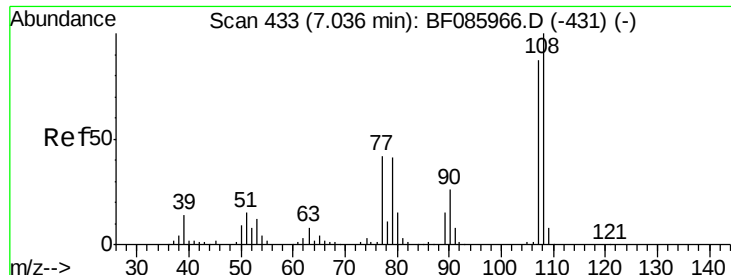


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 0.29 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.19 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

Tgt Ion:107 Resp: 1908

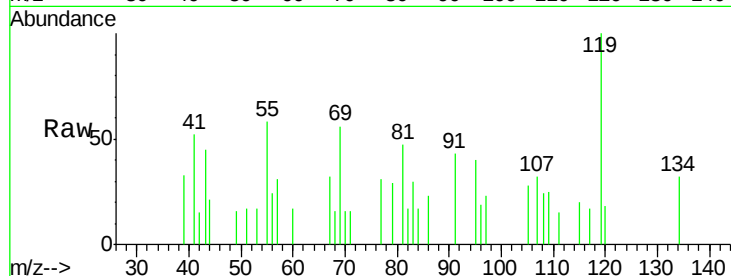
Ion Ratio Lower Upper

107 100

108 75.8 91.4 137.0#

77 97.0 36.2 54.2#

79 90.8 35.8 53.8#

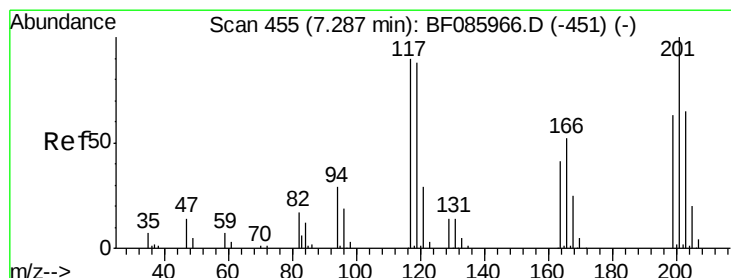
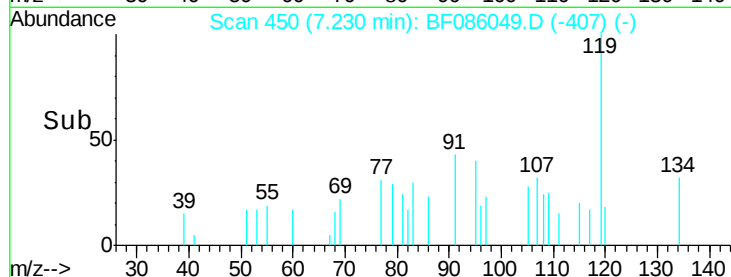
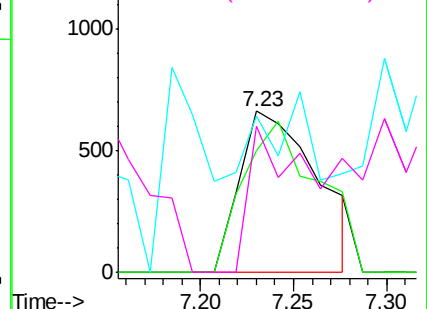


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.14 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.03 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

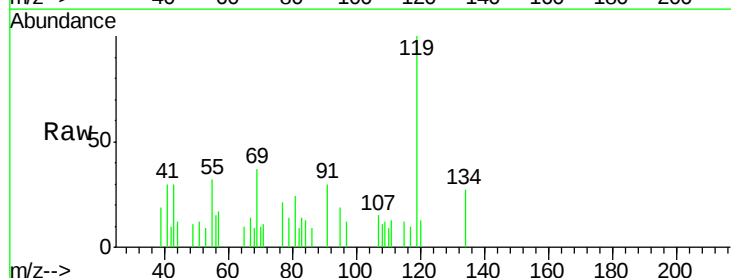
Tgt Ion:117 Resp: 488

Ion Ratio Lower Upper

117 100

119 967.9 76.7 115.1#

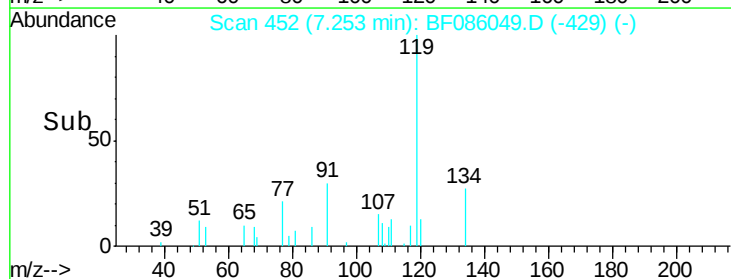
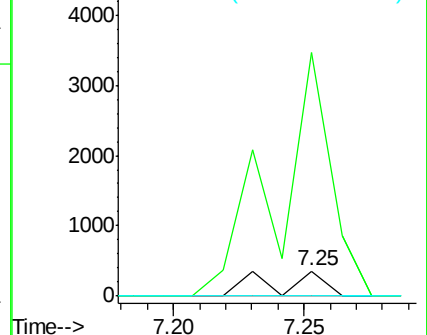
201 0.0 83.3 124.9#

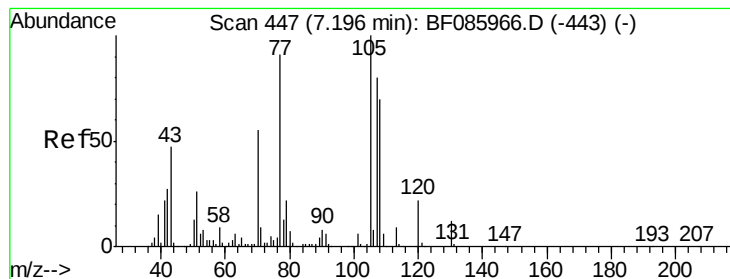


Abundance Ion 117.00 (116.70 to 117.70): E

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: 15.88 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

Tgt Ion: 70 Resp: 88147

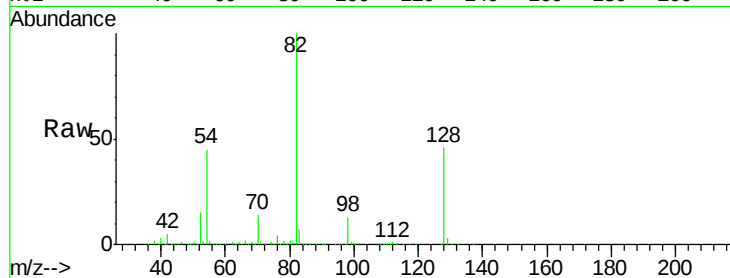
Ion Ratio Lower Upper

70 100

42 39.8 37.1 55.7

101 0.0 8.6 12.8#

130 2.1 19.6 29.4#

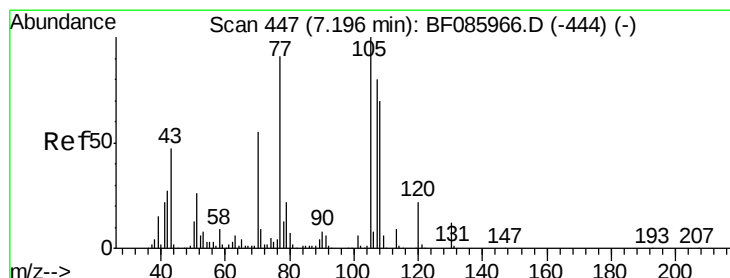
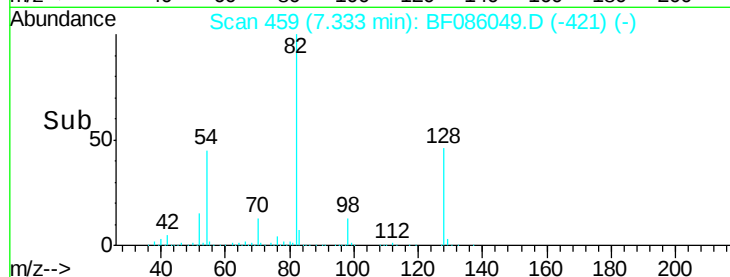
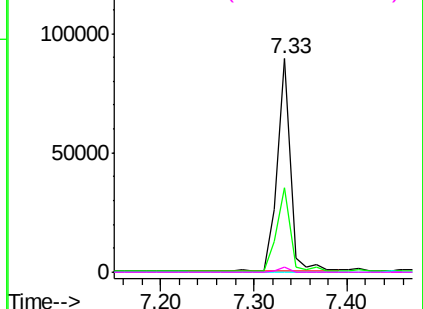


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 0.24 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.03 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Tgt Ion: 107 Resp: 1908

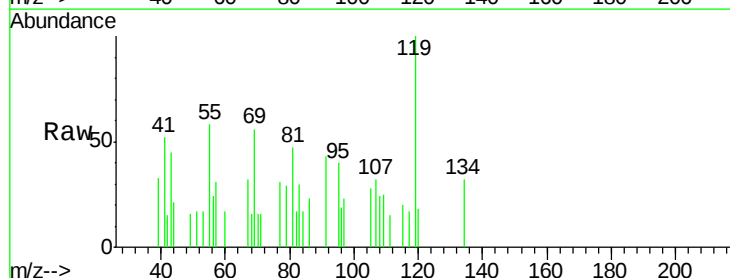
Ion Ratio Lower Upper

107 100

108 75.8 69.3 109.3

77 97.0 101.7 141.7#

79 90.8 8.3 48.3#

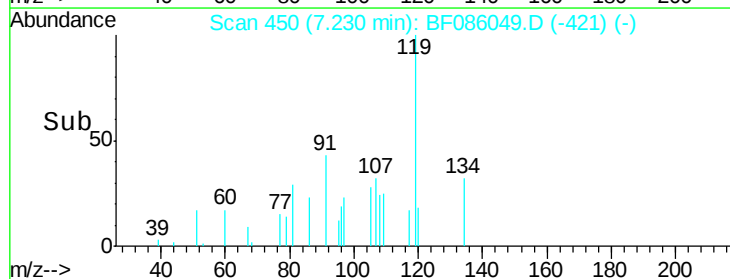
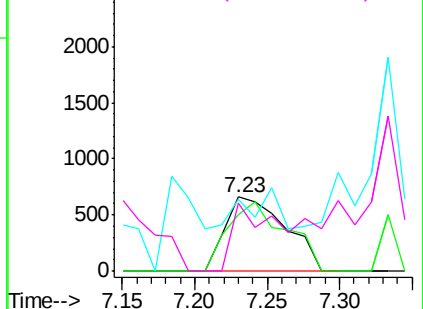


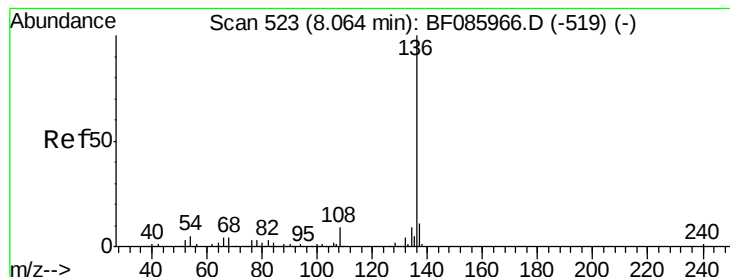
Abundance Ion 107.00 (106.70 to 107.70): E

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

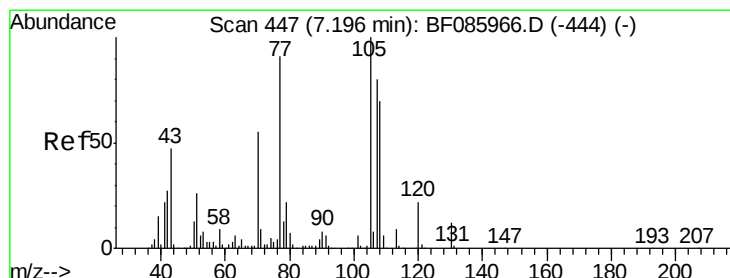
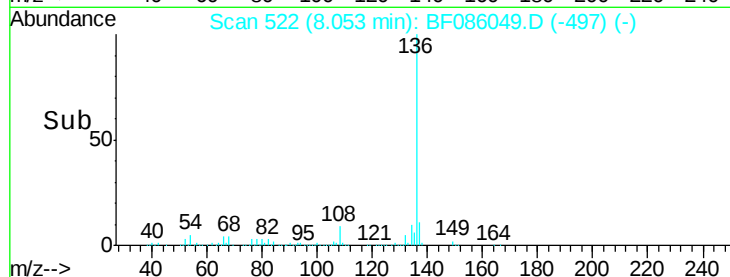
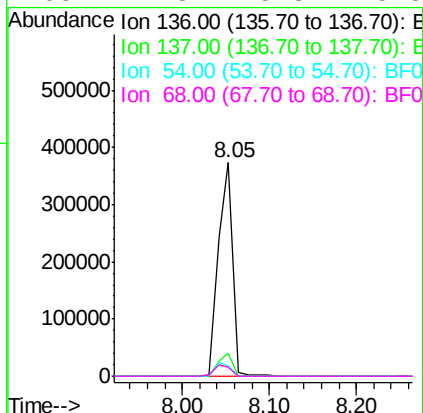
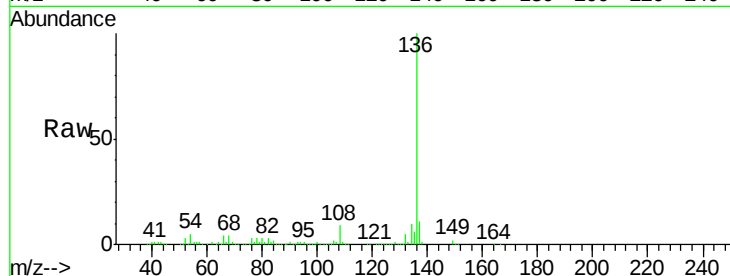




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

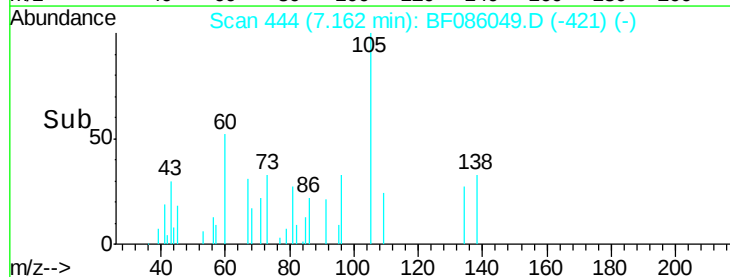
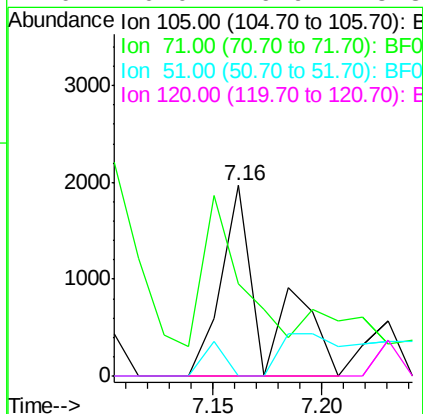
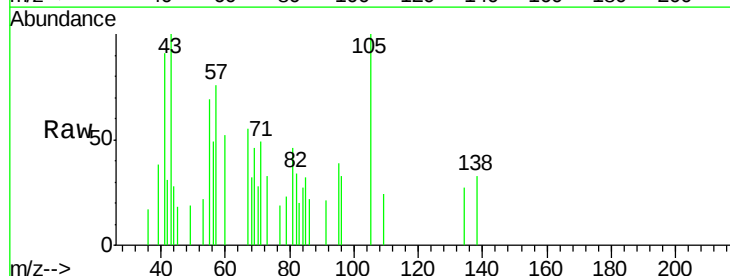
Instrument :
BNA_F
ClientSampleId :
TK2-DUP-20160401

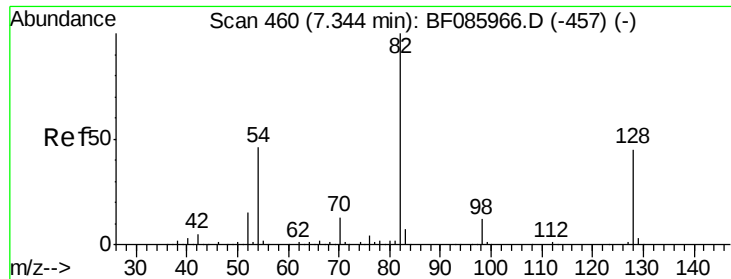
Tgt Ion:	136	Resp:	435203
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	4.9	7.4	11.0#
68	4.3	5.8	8.8#



#22
Acetophenone
Concen: 0.28 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

Tgt Ion:	105	Resp:	2838
Ion	Ratio	Lower	Upper
105	100		
71	48.8	3.6	5.4#
51	0.0	25.4	38.0#
120	0.0	16.9	25.3#

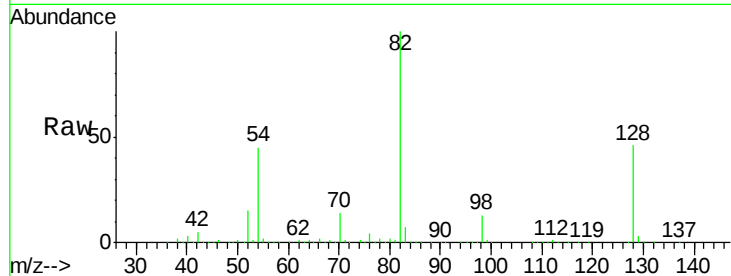




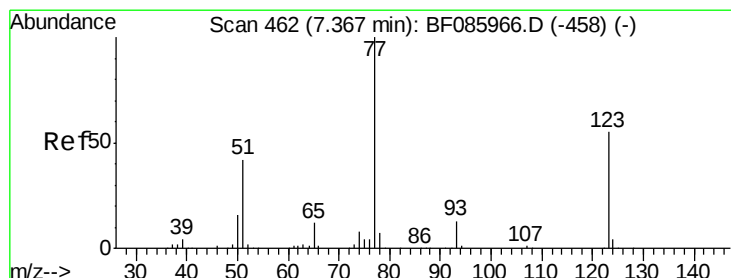
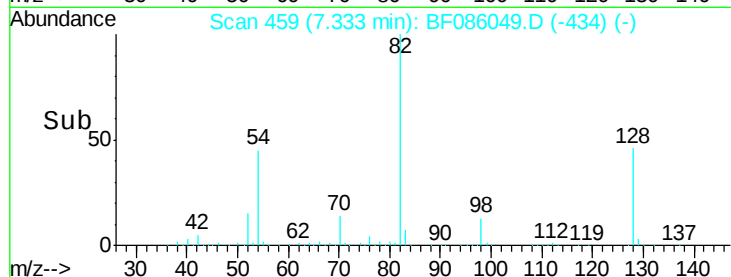
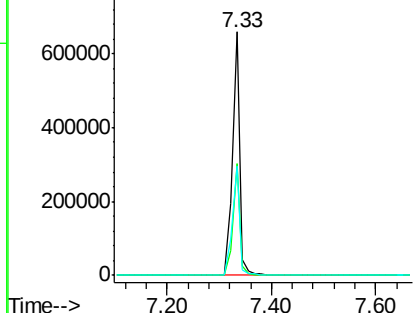
#23
 Nitrobenzene-d5
 Concen: 86.95 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 TK2-DUP-20160401

Tgt Ion: 82 Resp: 641644
 Ion Ratio Lower Upper
 82 100
 128 46.1 41.8 62.8
 54 45.0 33.4 50.0

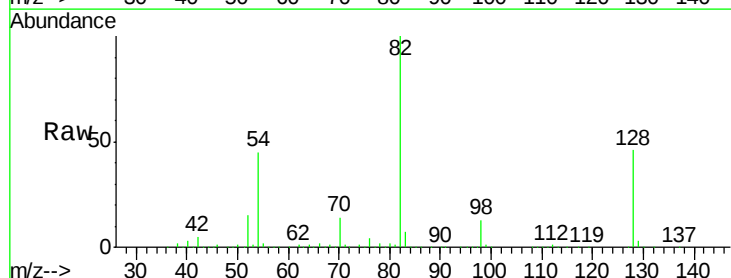


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

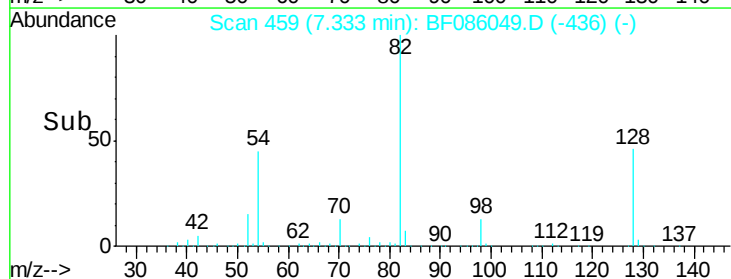
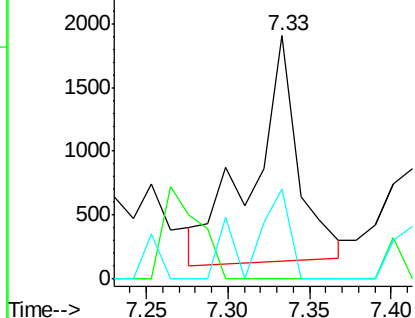


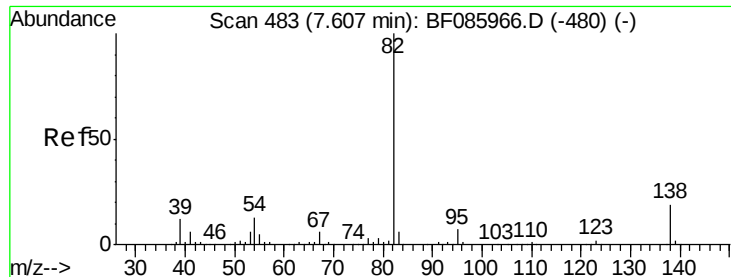
#24
 Nitrobenzene
 Concen: 0.43 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

Tgt Ion: 77 Resp: 3451
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.0 52.4#
 65 37.1 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.11 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

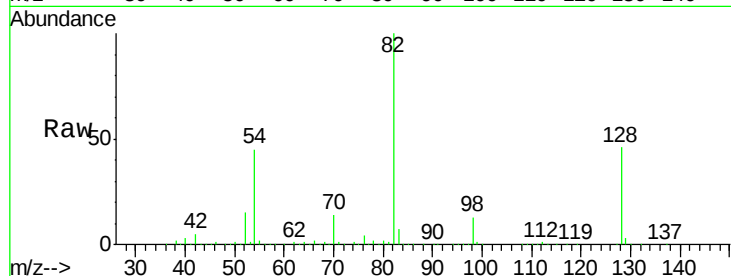
Tgt Ion: 82 Resp: 496973

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

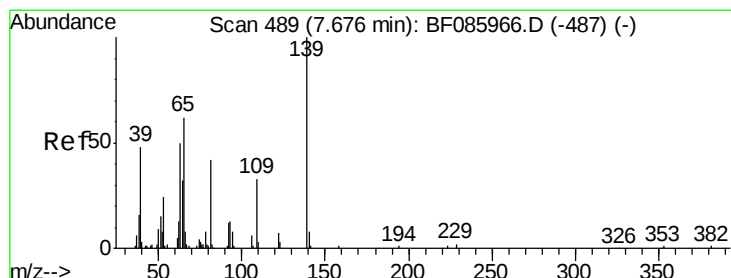
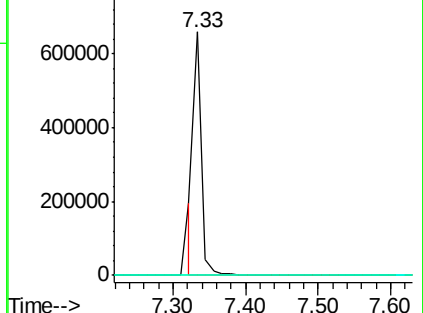
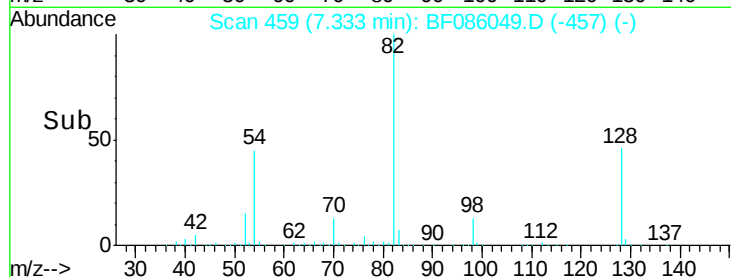
138 0.0 12.9 19.3#



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: 0.06 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.11 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

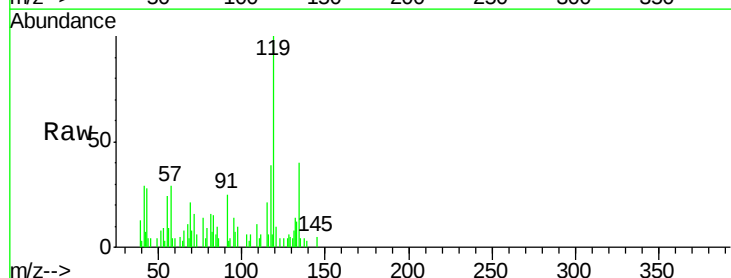
Tgt Ion: 139 Resp: 221

Ion Ratio Lower Upper

139 100

109 317.6 22.1 33.1#

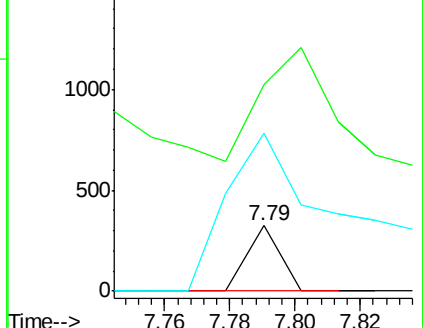
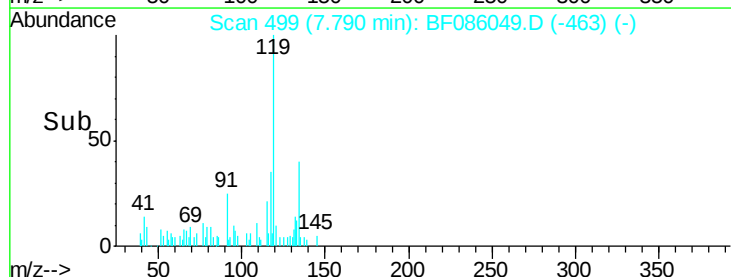
65 242.4 33.9 50.9#

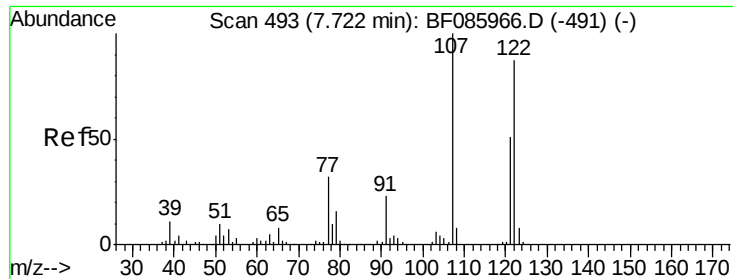


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

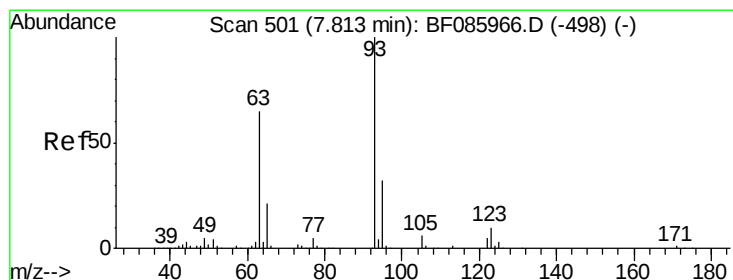
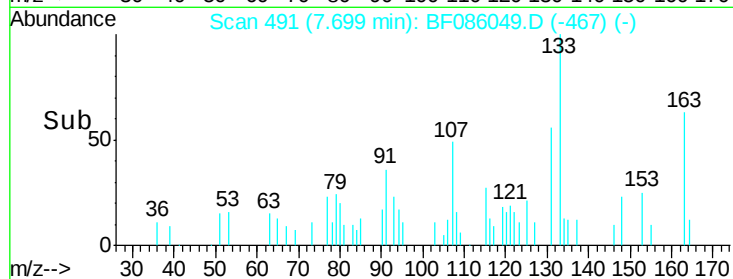
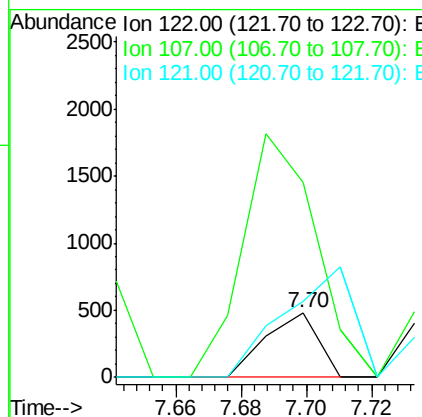
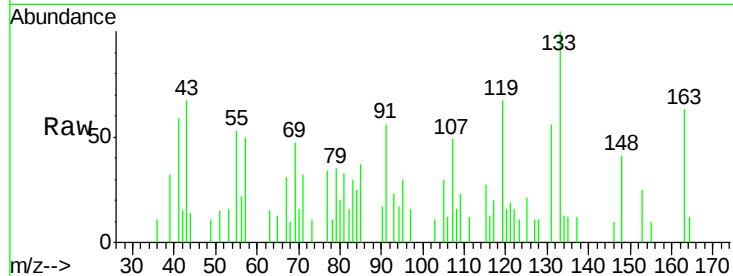




#27
 2,4-Dimethylphenol
 Concen: 0.08 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

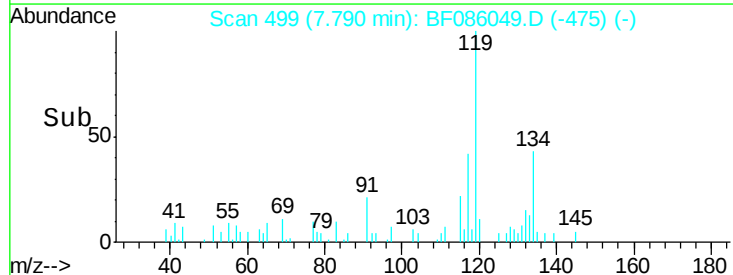
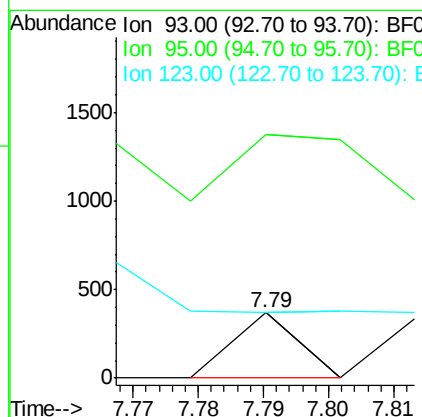
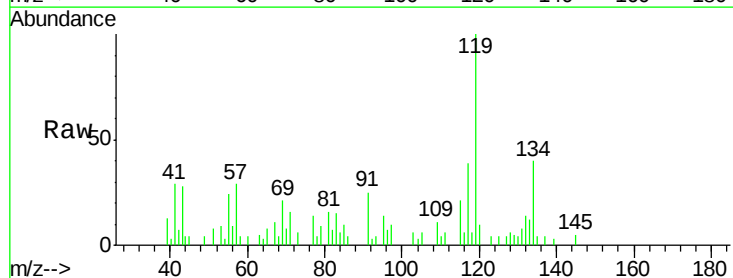
Instrument :
 BNA_F
 ClientSampleId :
 TK2-DUP-20160401

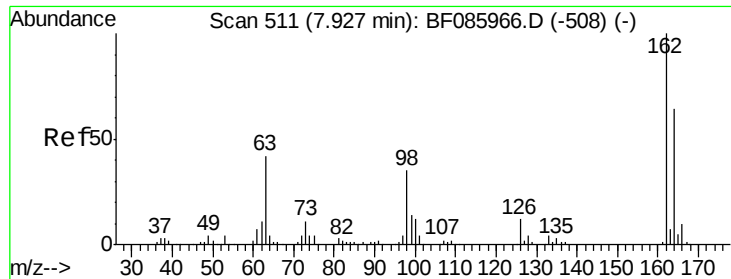
Tgt Ion:122 Resp: 545
 Ion Ratio Lower Upper
 122 100
 107 299.4 93.0 139.6#
 121 116.7 45.9 68.9#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.03 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.02 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

Tgt Ion: 93 Resp: 252
 Ion Ratio Lower Upper
 93 100
 95 373.6 26.4 39.6#
 123 101.1 9.8 14.6#

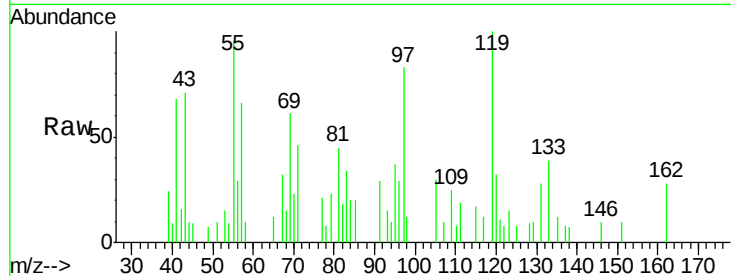




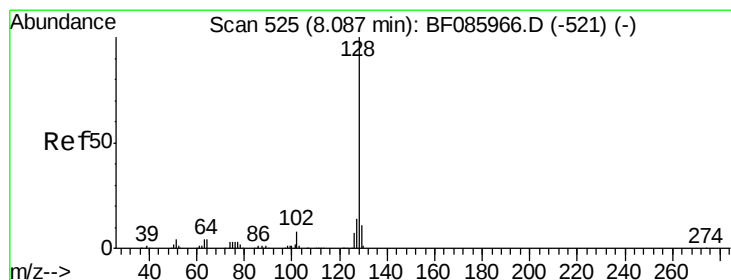
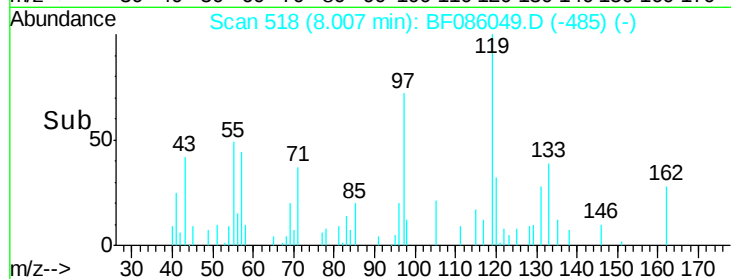
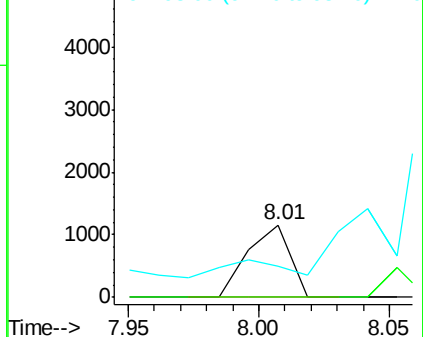
#29
2,4-Dichlorophenol
Concen: 0.23 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.08 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
TK2-DUP-20160401

Tgt Ion:162 Resp: 1322
Ion Ratio Lower Upper
162 100
164 0.0 43.7 83.7#
98 43.4 20.4 60.4

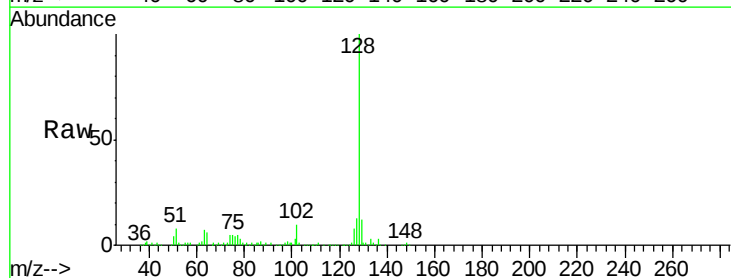


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

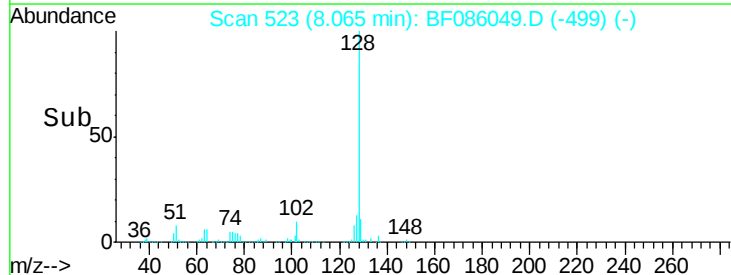
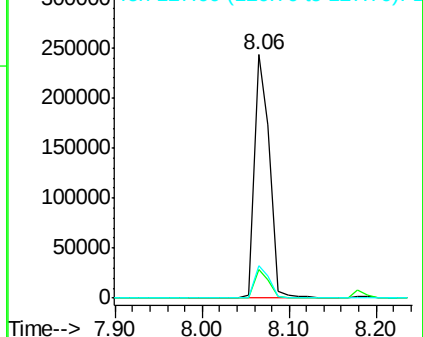


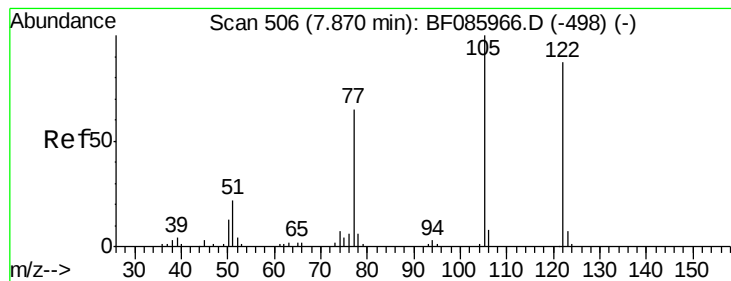
#31
Naphthalene
Concen: 13.66 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

Tgt Ion:128 Resp: 299077
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.1 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 0.44 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

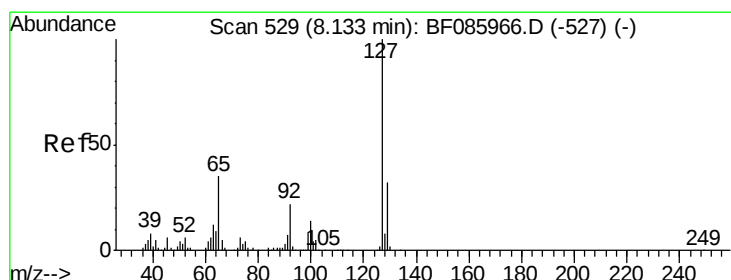
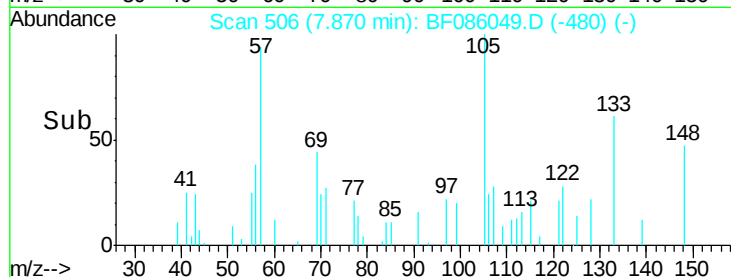
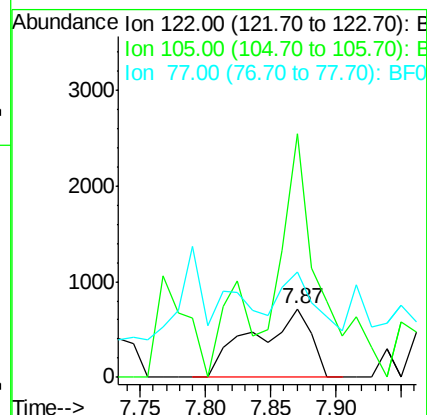
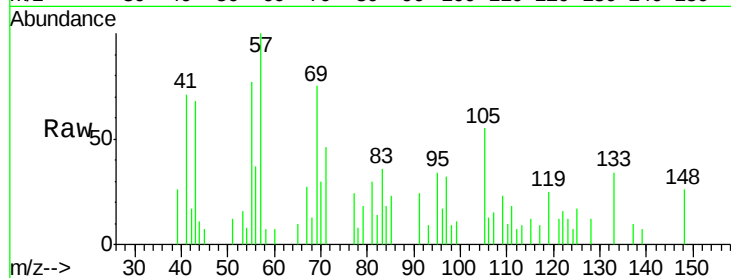
Tgt Ion:122 Resp: 2217

Ion Ratio Lower Upper

122 100

105 355.3 102.9 142.9#

77 152.9 71.8 111.8#



#33

4-Chloroaniline

Concen: 0.35 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.02 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Tgt Ion:127 Resp: 3118

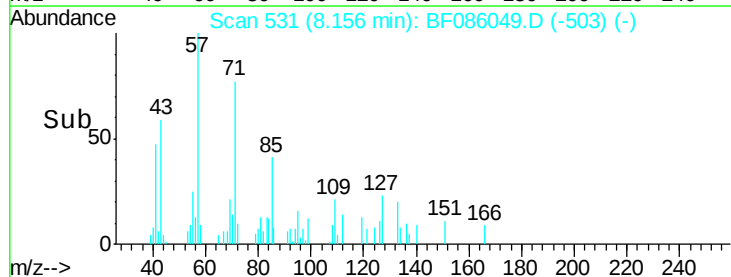
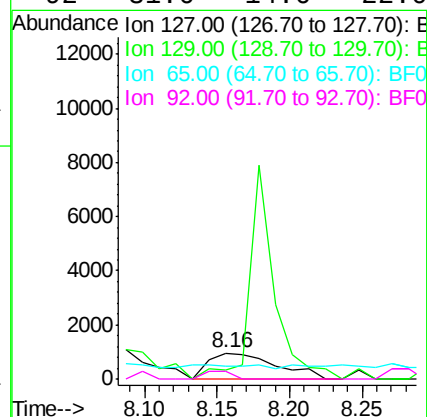
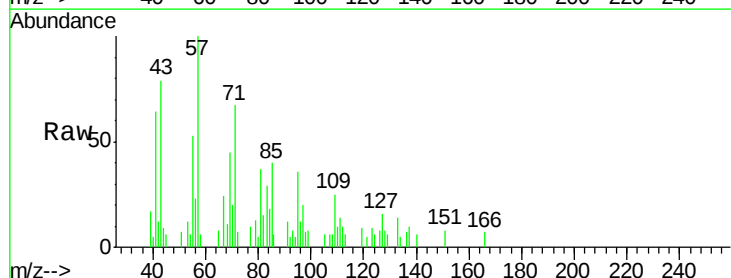
Ion Ratio Lower Upper

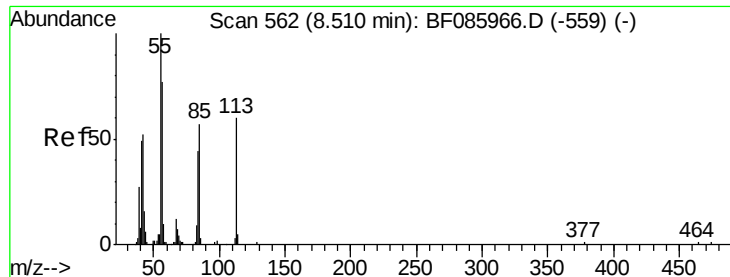
127 100

129 34.7 26.1 39.1

65 50.9 19.5 29.3#

92 31.6 14.6 22.0#

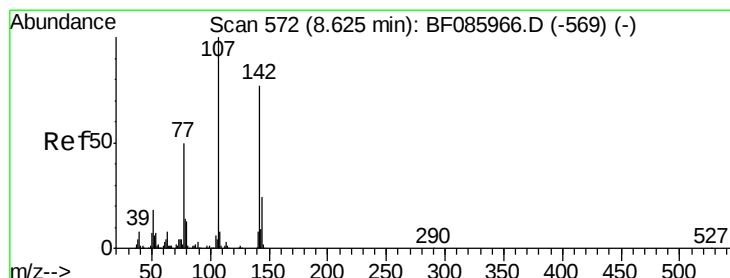
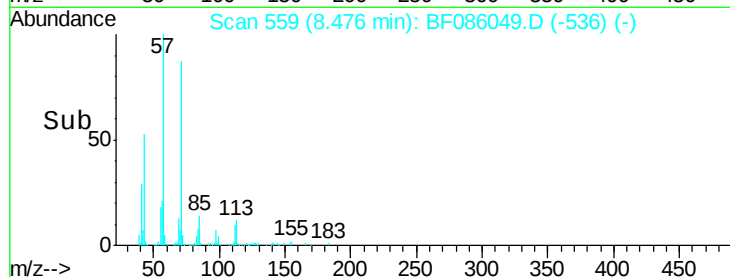
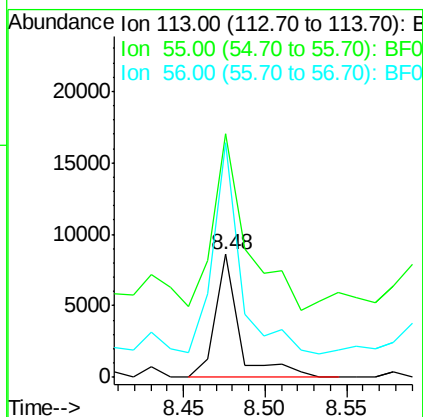
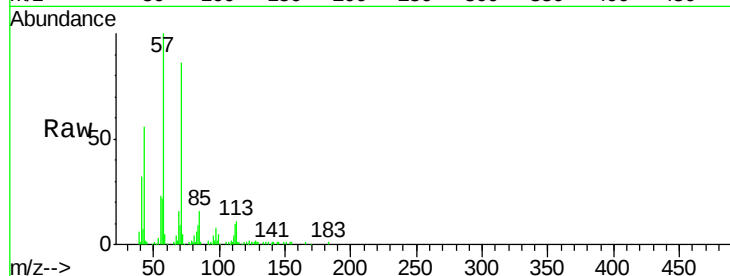




#35
 Caprolactam
 Concen: 4.77 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

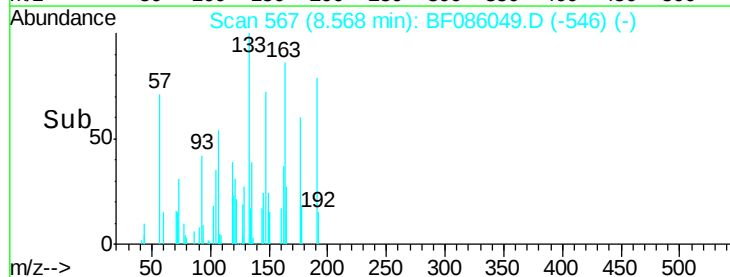
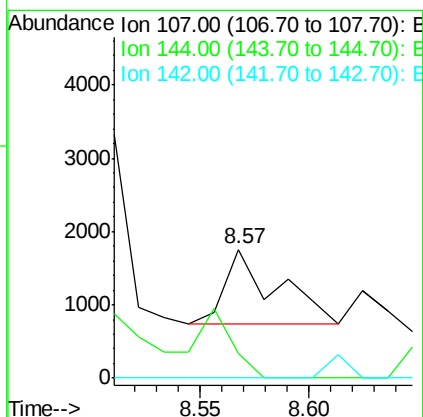
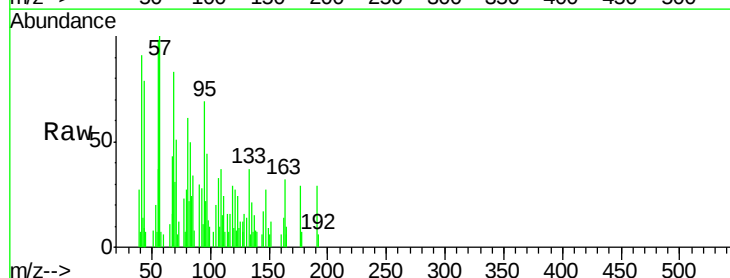
Instrument :
 BNA_F
 ClientSampleId :
 TK2-DUP-20160401

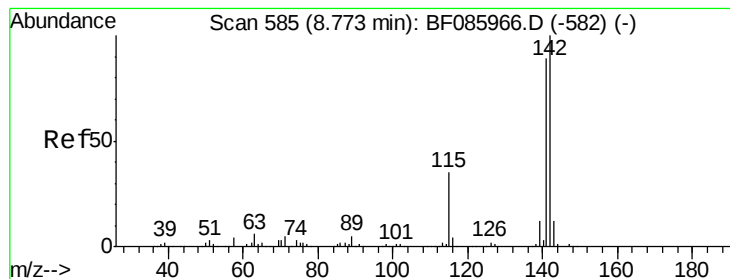
Tgt Ion:113 Resp: 8871
 Ion Ratio Lower Upper
 113 100
 55 197.8 139.4 179.4#
 56 190.4 100.4 140.4#



#36
 4-Chloro-3-methylphenol
 Concen: 0.25 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.06 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

Tgt Ion:107 Resp: 1667
 Ion Ratio Lower Upper
 107 100
 144 19.3 19.3 28.9#
 142 0.0 61.4 92.0#





#37

2-Methylnaphthalene

Concen: 8.12 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

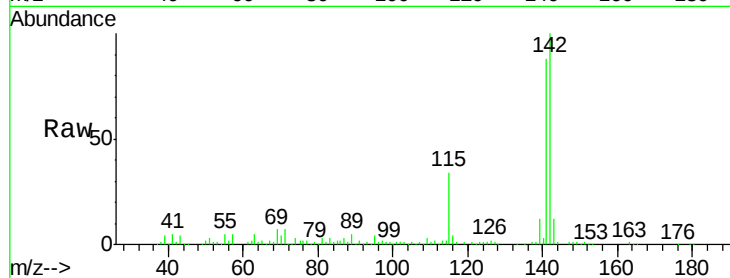
Tgt Ion:142 Resp: 116094

Ion Ratio Lower Upper

142 100

141 88.2 71.6 107.4

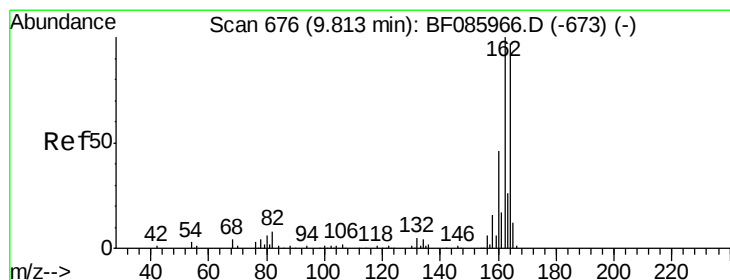
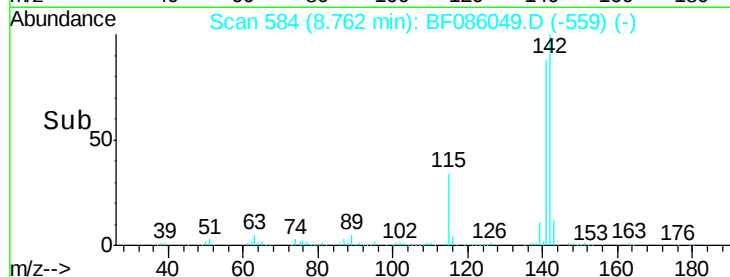
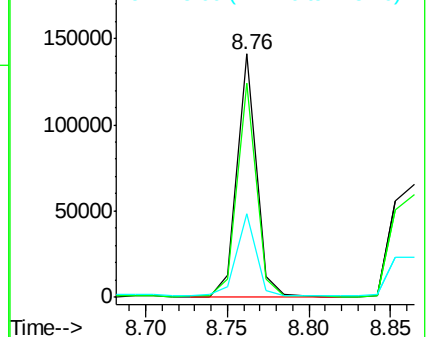
115 34.1 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

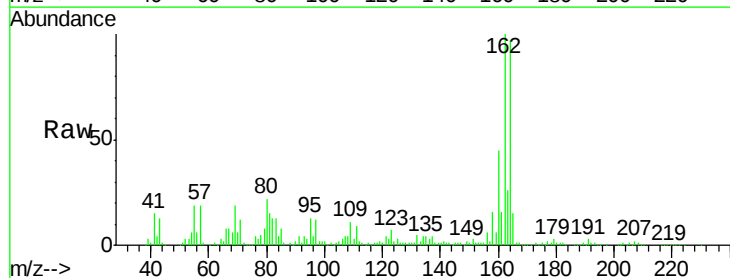
Tgt Ion:164 Resp: 184458

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

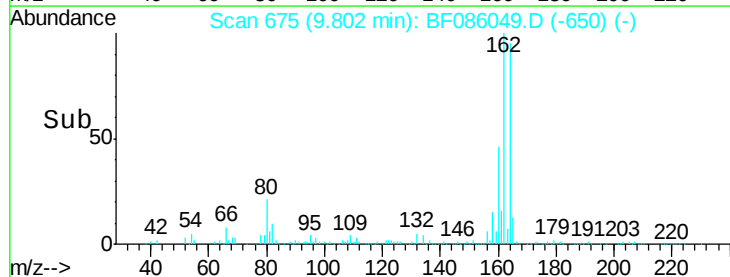
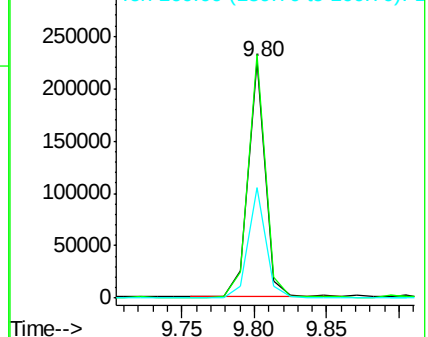
160 46.7 37.4 56.2

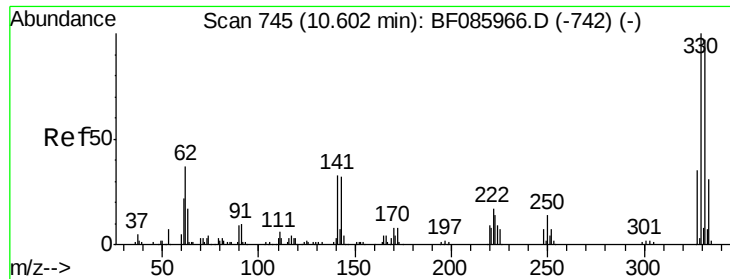


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

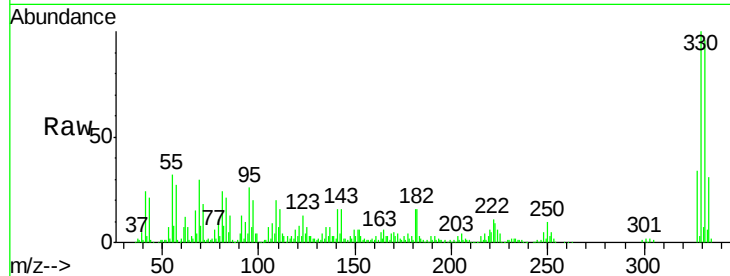




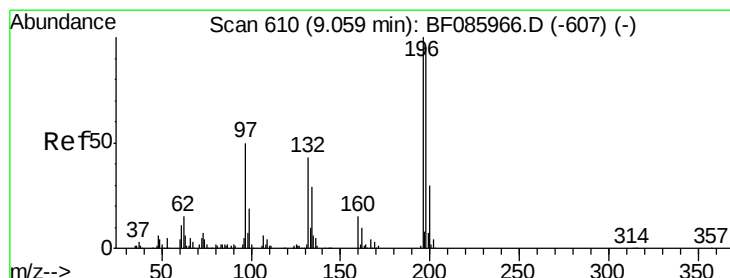
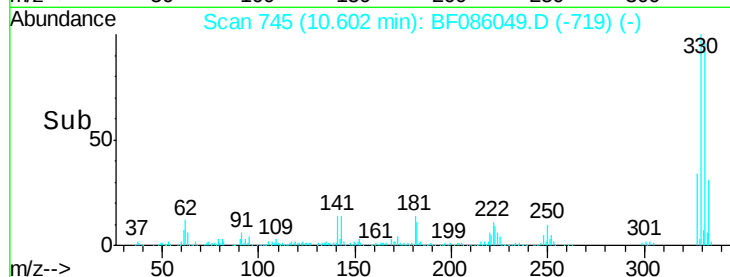
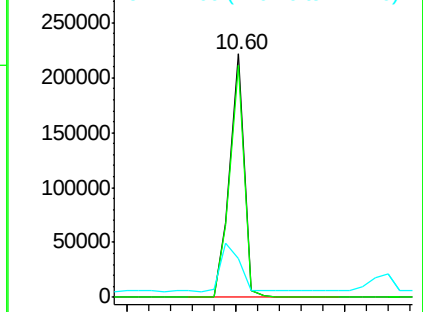
#41
 2,4,6-Tribromophenol
 Concen: 118.76 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 TK2-DUP-20160401

Tgt Ion:330 Resp: 205614
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 30.6 31.5 47.3#

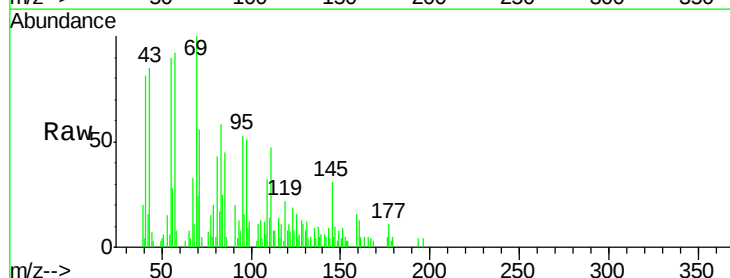


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

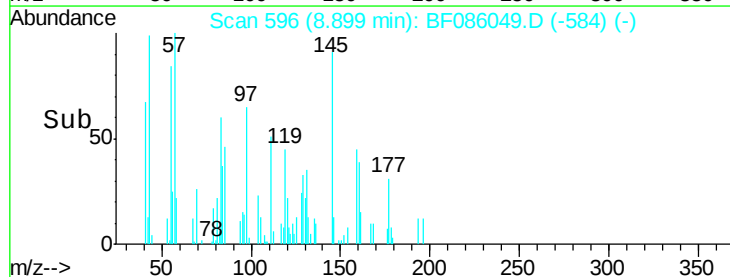
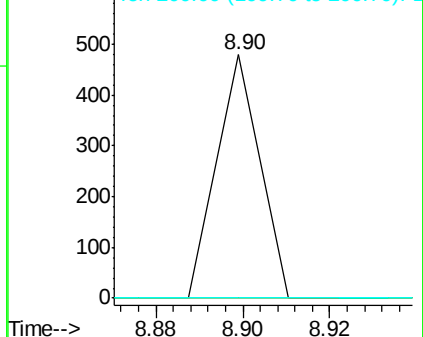


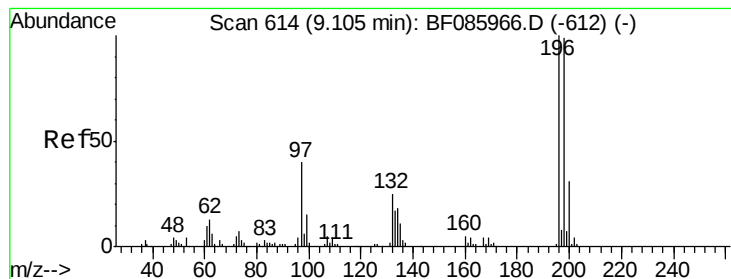
#42
 2,4,6-Trichlorophenol
 Concen: 0.09 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.16 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

Tgt Ion:196 Resp: 329
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.3 112.9#
 200 0.0 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: 0.12 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.13 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

Tgt Ion:196 Resp: 435

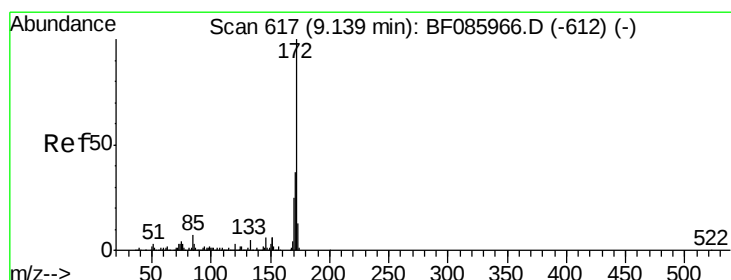
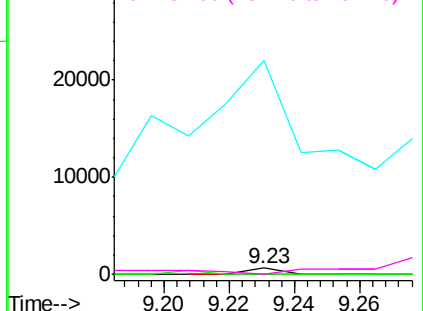
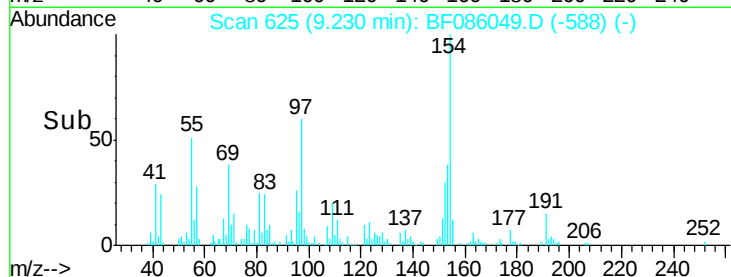
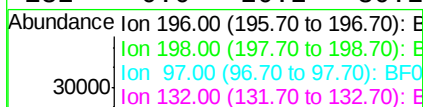
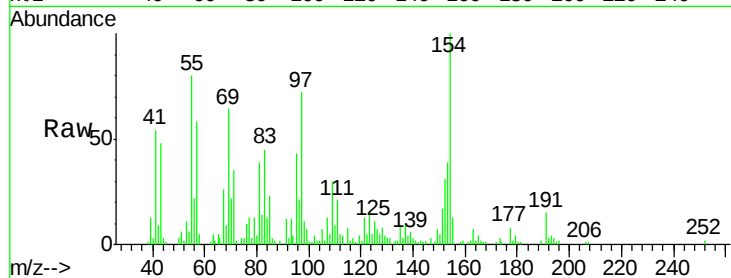
Ion Ratio Lower Upper

196 100

198 0.0 76.6 114.8#

97 3465.8 30.5 45.7#

132 0.0 20.2 30.2#



#44

2-Fluorobiphenyl

Concen: 78.50 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

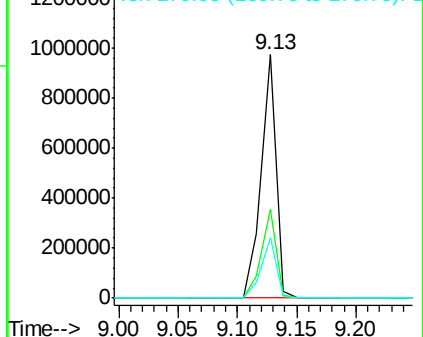
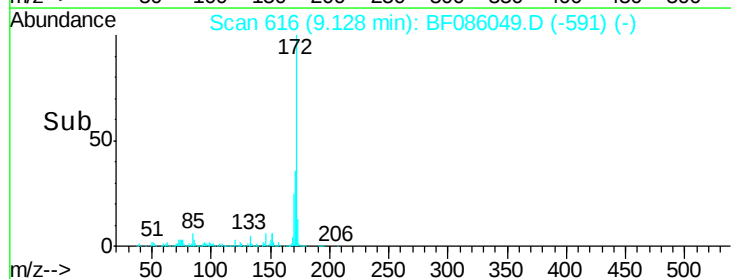
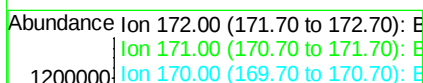
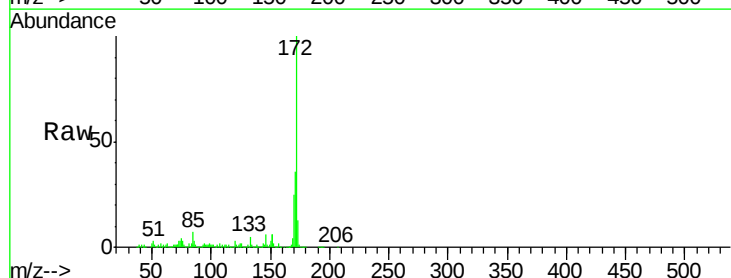
Tgt Ion:172 Resp: 870869

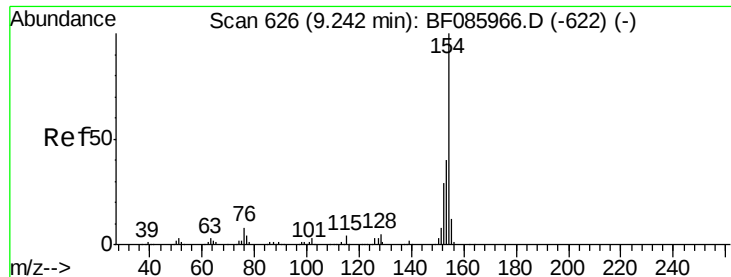
Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.2

170 24.7 19.8 29.6

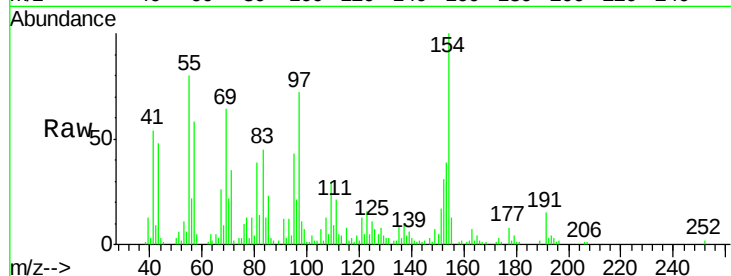




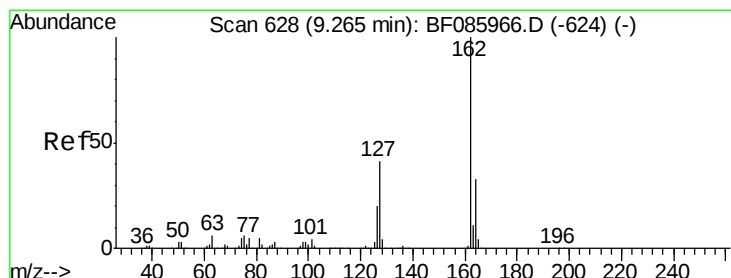
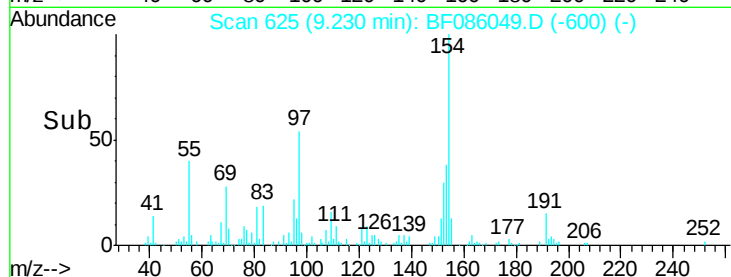
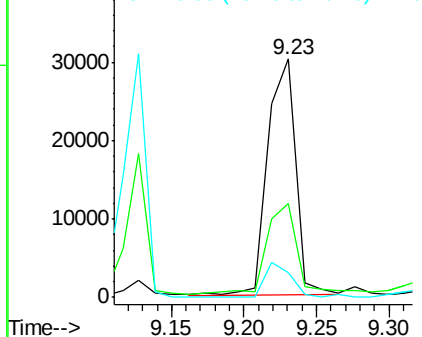
#45
 1,1'-Biphenyl
 Concen: 2.54 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 TK2-DUP-20160401

Tgt Ion:	154	Resp:	40355
Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.8	60.8
76	10.4	0.0	36.7

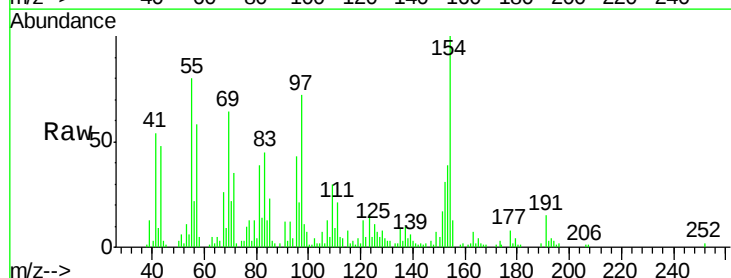


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

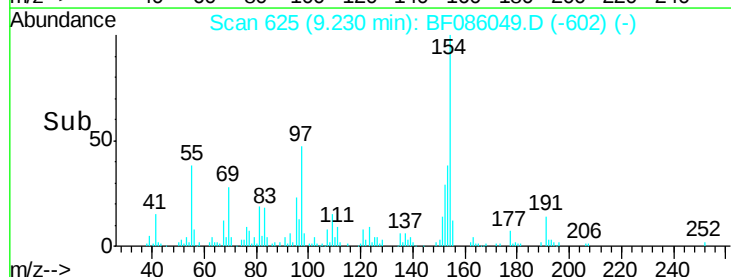
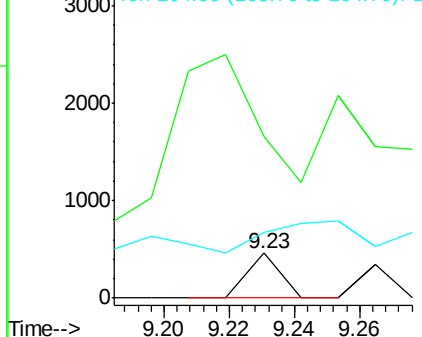


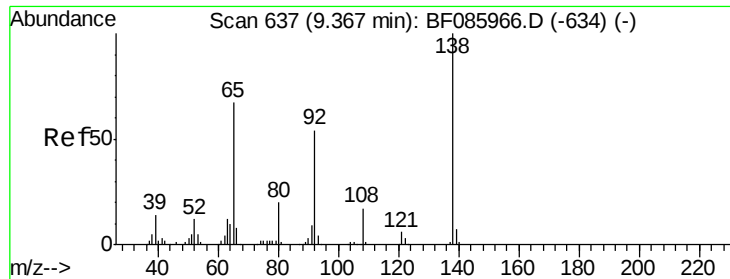
#46
 2-Chloronaphthalene
 Concen: 0.03 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

Tgt Ion:	162	Resp:	318
Ion	Ratio	Lower	Upper
162	100		
127	359.0	31.7	47.5#
164	144.3	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

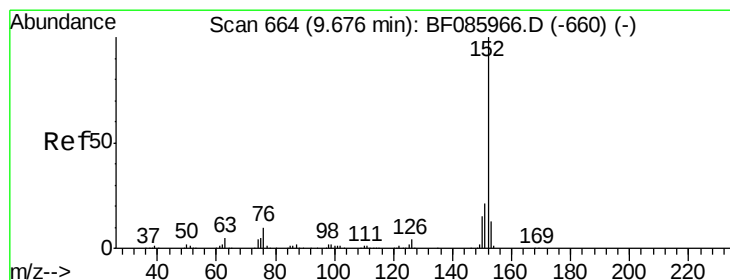
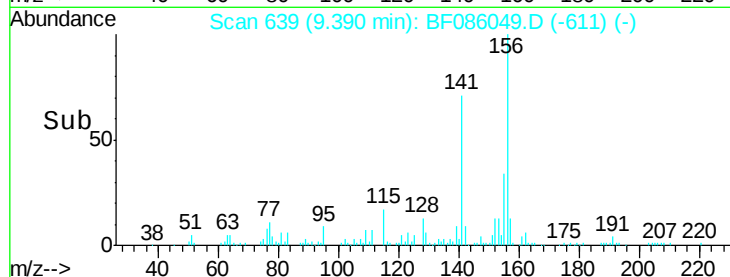
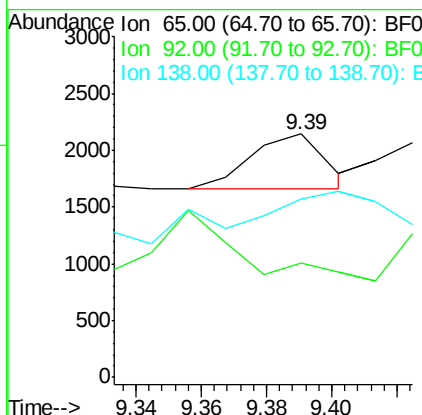
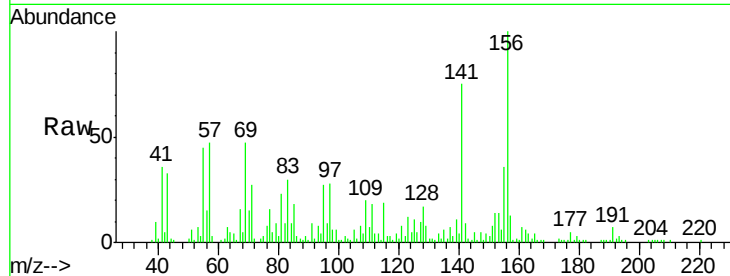




#47
2-Nitroaniline
Concen: 0.23 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.02 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

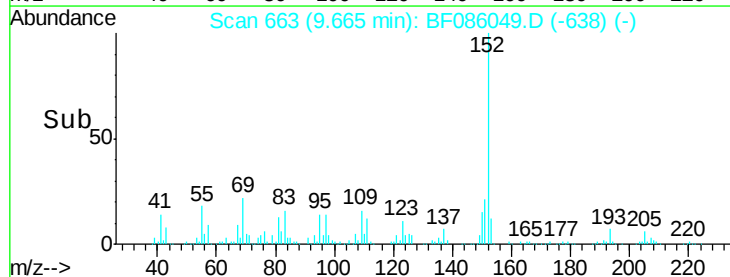
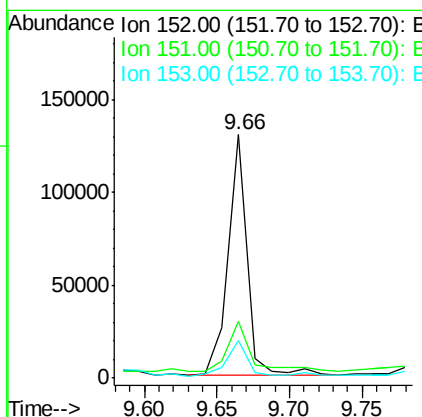
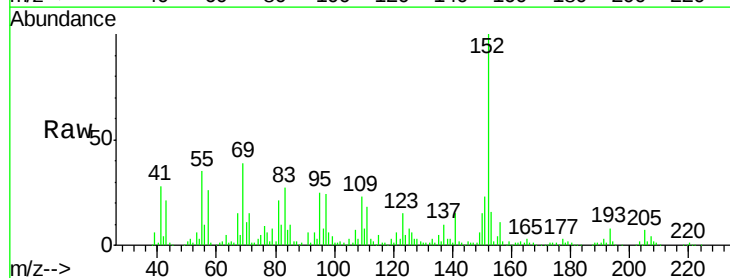
Instrument :
BNA_F
ClientSampleId :
TK2-DUP-20160401

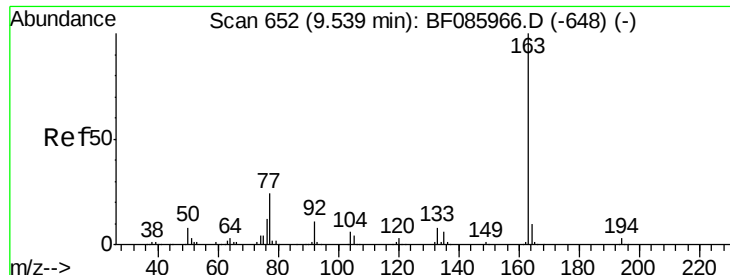
Tgt Ion: 65 Resp: 765
Ion Ratio Lower Upper
65 100
92 47.2 59.7 89.5#
138 73.1 91.4 137.0#



#48
Acenaphthylene
Concen: 6.37 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

Tgt Ion: 152 Resp: 117625
Ion Ratio Lower Upper
152 100
151 23.2 16.8 25.2
153 15.5 10.9 16.3





#49

Dimethylphthalate

Concen: 7.71 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

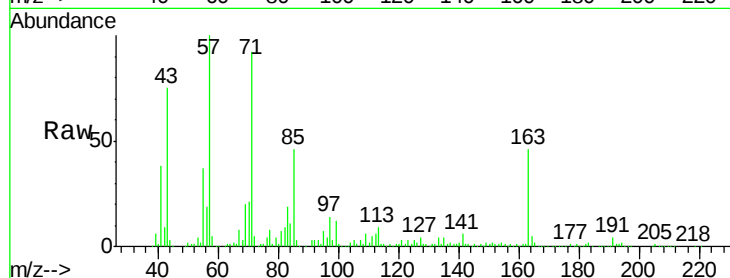
Tgt Ion:163 Resp: 105358

Ion Ratio Lower Upper

163 100

194 4.6 2.9 4.3#

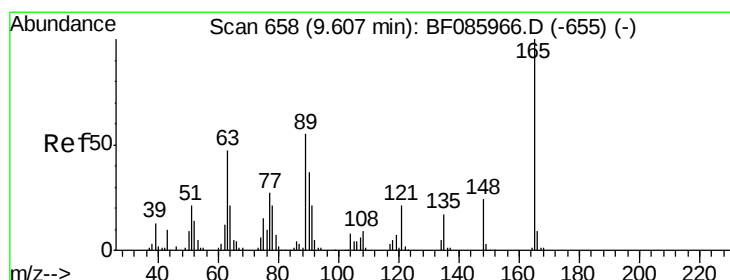
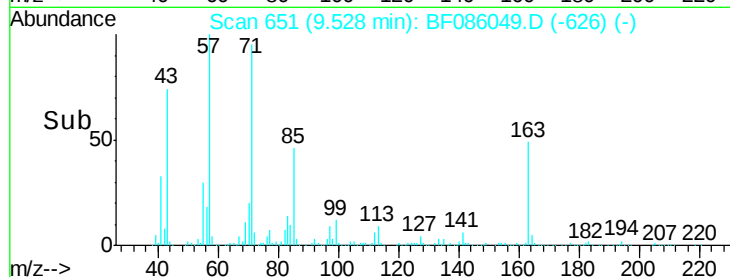
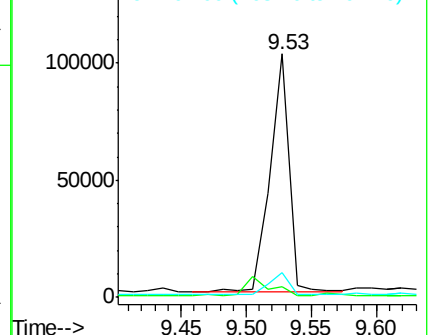
164 10.3 8.3 12.5



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: 0.68 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

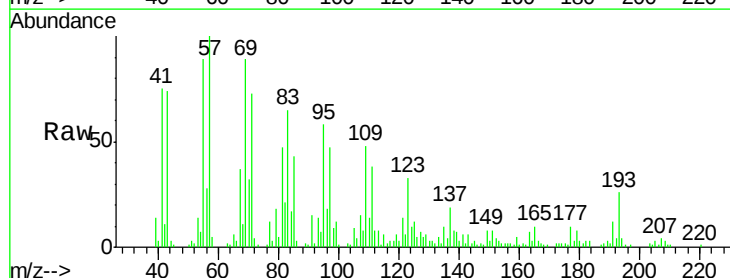
Tgt Ion:165 Resp: 1966

Ion Ratio Lower Upper

165 100

63 18.5 51.8 77.8#

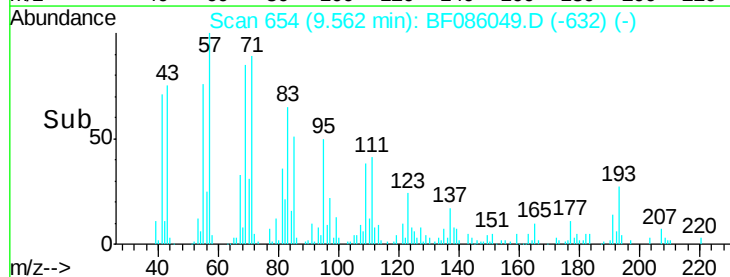
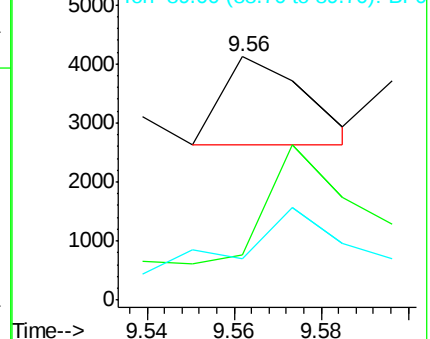
89 17.0 53.7 80.5#

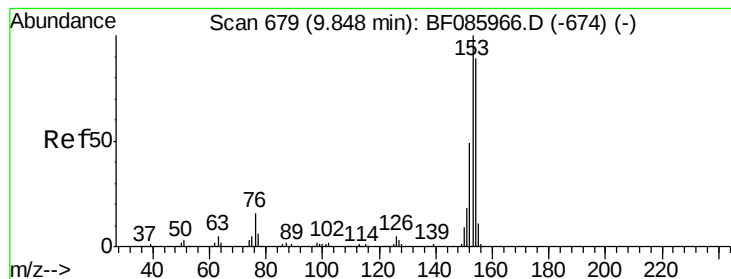


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 7.73 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

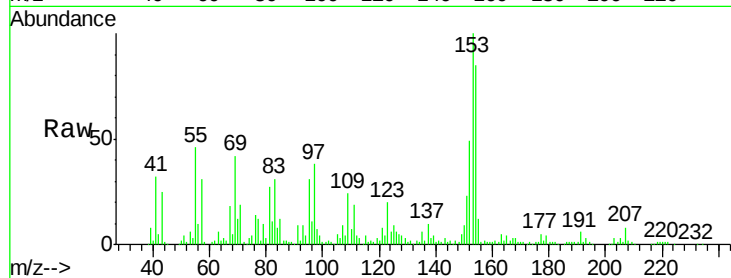
Tgt Ion:154 Resp: 84913

Ion Ratio Lower Upper

154 100

153 117.7 90.1 135.1

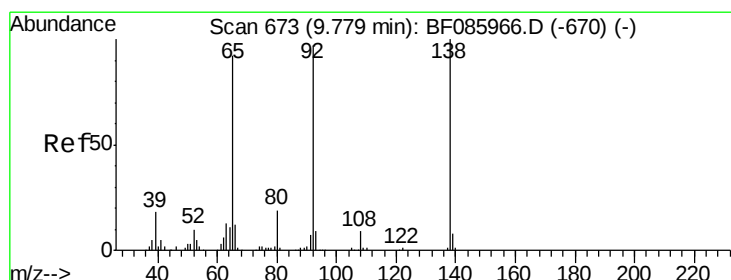
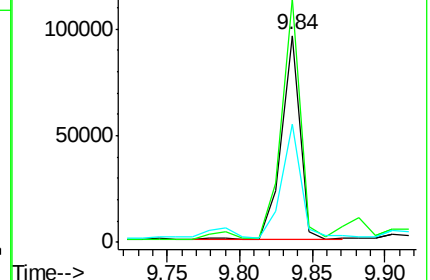
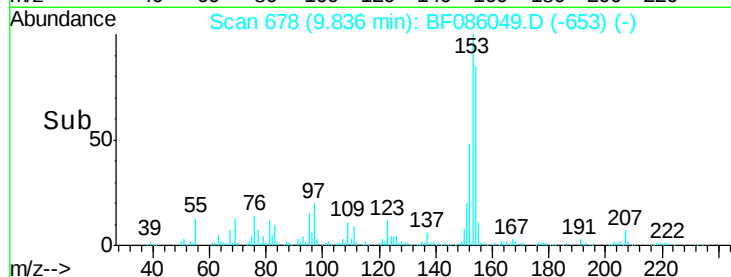
152 57.1 44.2 66.2



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: 0.92 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

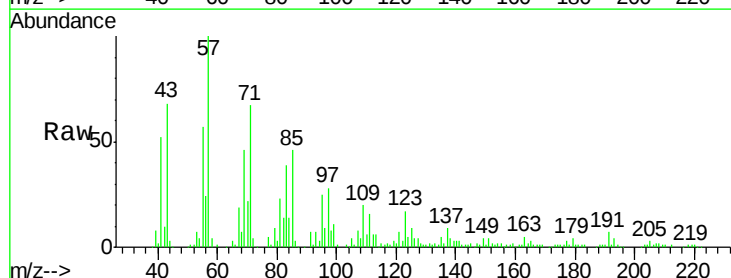
Tgt Ion:138 Resp: 3215

Ion Ratio Lower Upper

138 100

108 96.3 8.7 13.1#

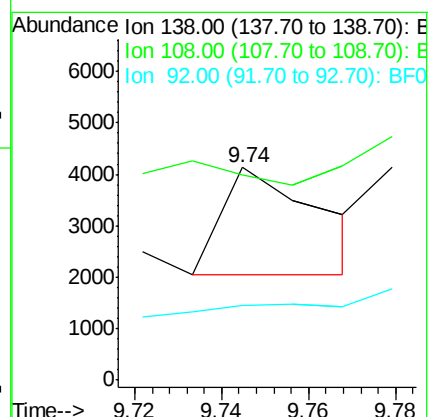
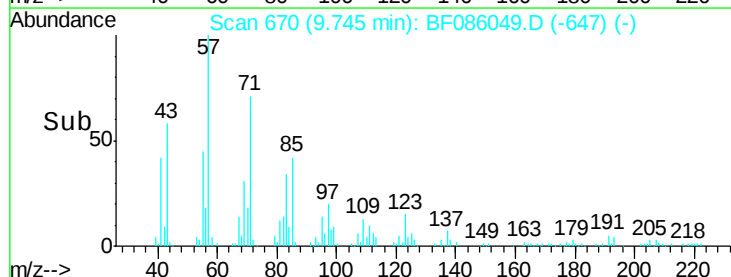
92 35.1 93.3 139.9#

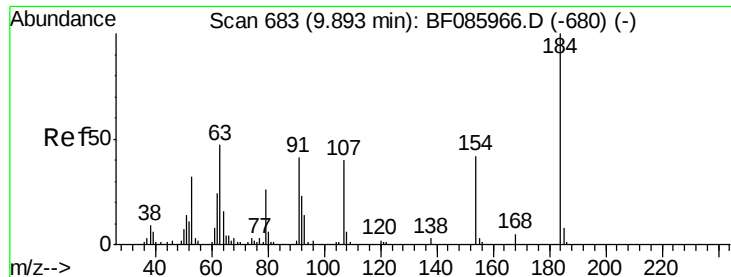


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

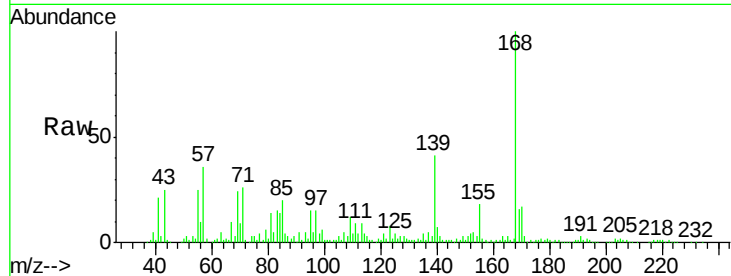




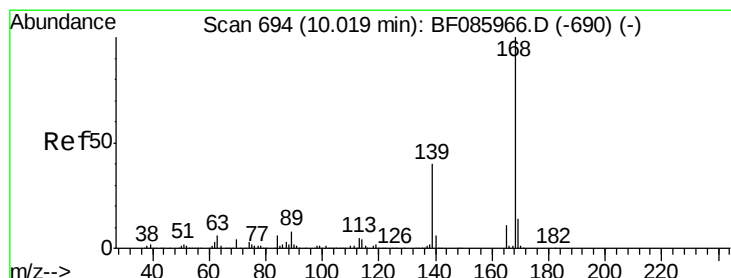
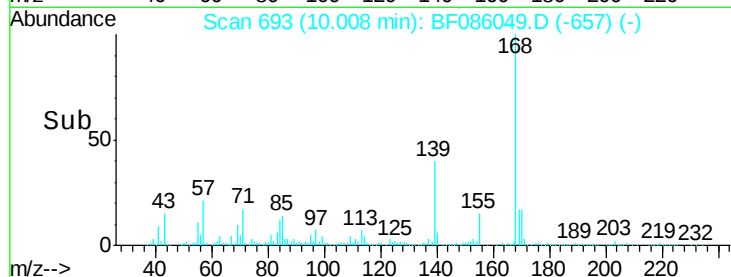
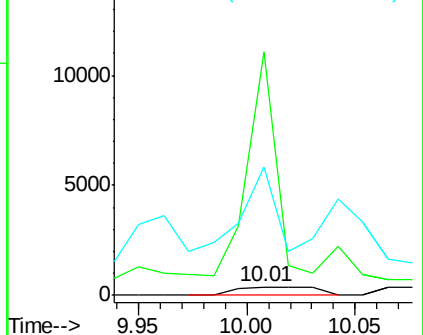
#53
 2,4-Dinitrophenol
 Concen: 2.89 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.11 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 TK2-DUP-20160401

Tgt Ion:184 Resp: 978
 Ion Ratio Lower Upper
 184 100
 63 2789.7 69.5 104.3#
 154 1472.5 58.3 87.5#

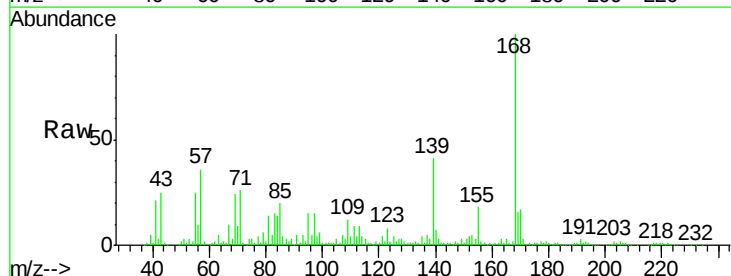


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

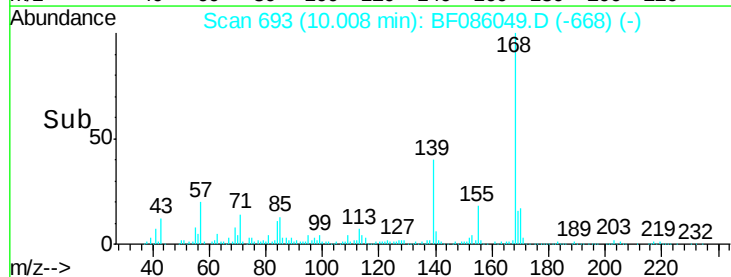
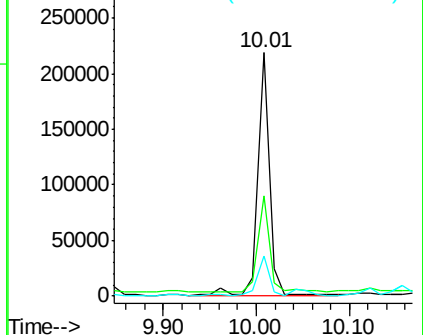


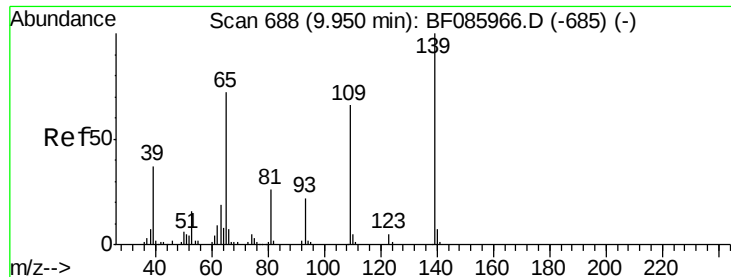
#54
 Dibenzofuran
 Concen: 12.83 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

Tgt Ion:168 Resp: 186054
 Ion Ratio Lower Upper
 168 100
 139 41.4 31.9 47.9
 169 16.5 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: 2.64 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

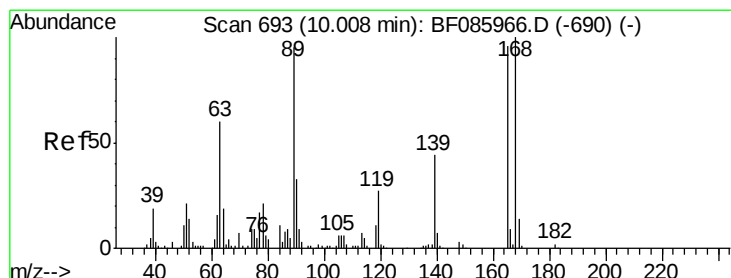
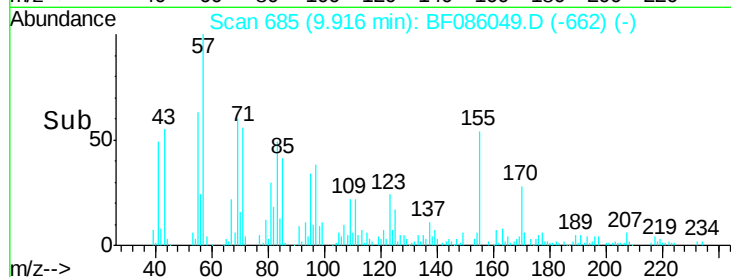
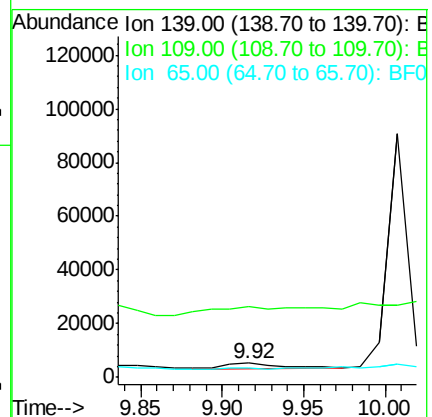
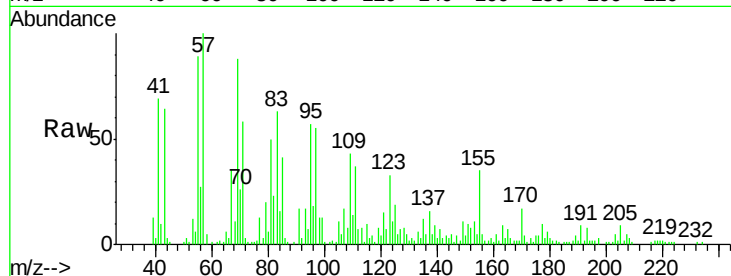
Tgt Ion:139 Resp: 5422

Ion Ratio Lower Upper

139 100

109 491.4 49.2 89.2#

65 69.3 66.9 106.9



#56

2,4-Dinitrotoluene

Concen: 0.52 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Tgt Ion:165 Resp: 1891

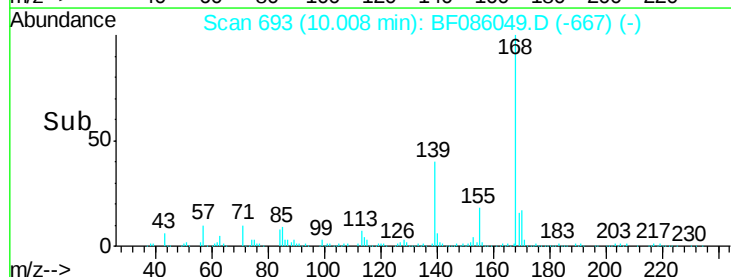
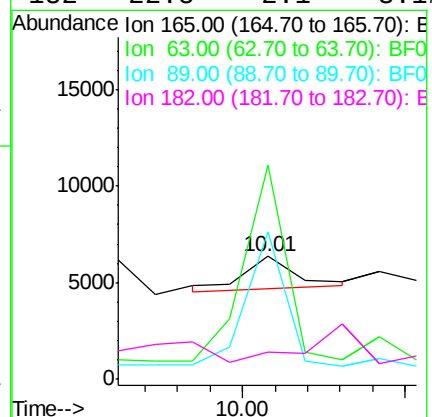
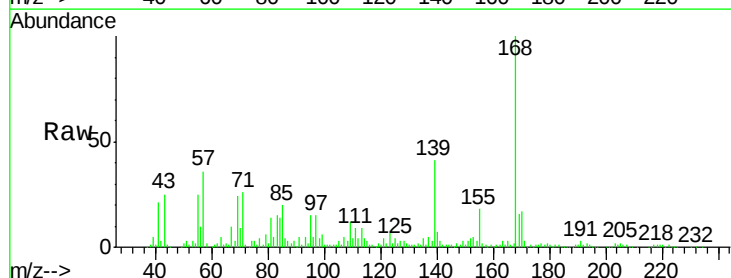
Ion Ratio Lower Upper

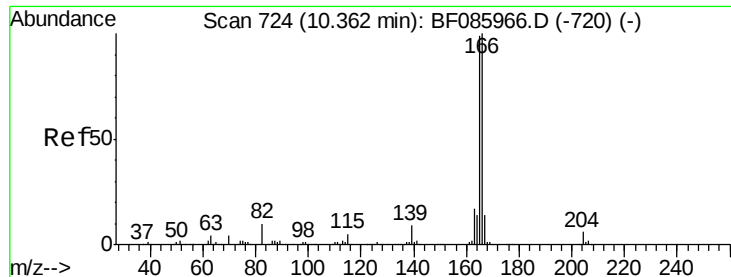
165 100

63 174.7 24.9 37.3#

89 119.9 41.0 61.6#

182 22.5 2.1 3.1#

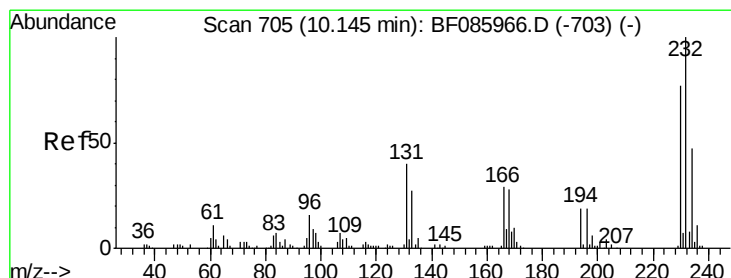
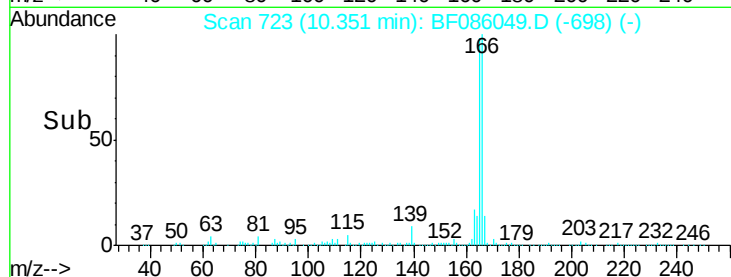
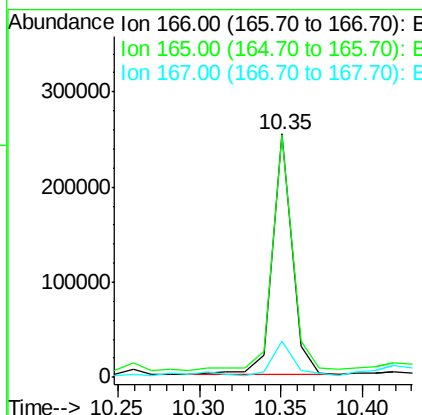
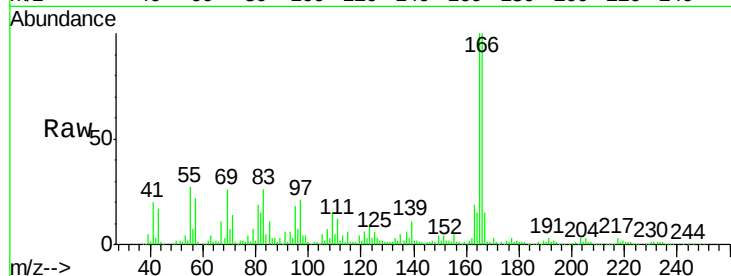




#57
Fluorene
 Concen: 17.35 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

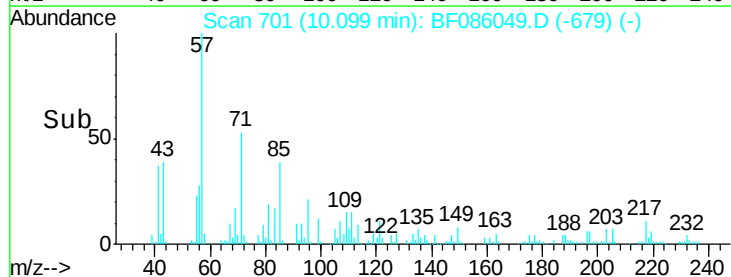
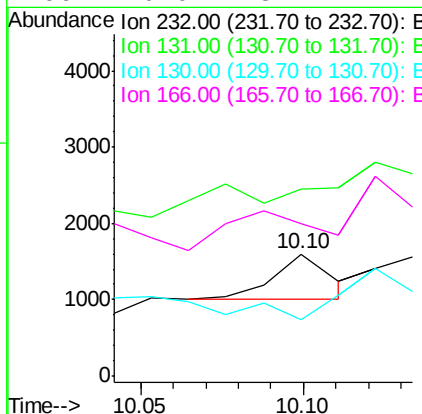
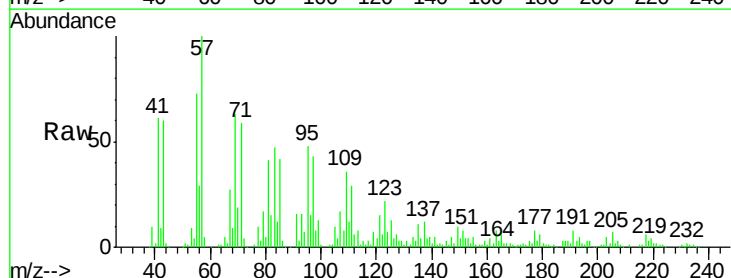
Instrument :
 BNA_F
 ClientSampleId :
 TK2-DUP-20160401

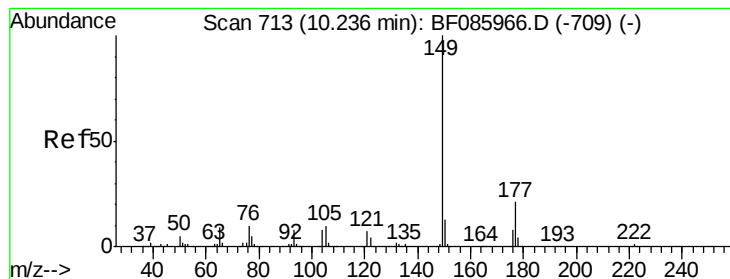
Tgt Ion:166 Resp: 215012
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.4 119.0
 167 14.8 11.0 16.4



#58
2,3,4,6-Tetrachlorophenol
 Concen: 0.26 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF086049.D
 Acq: 4 Apr 2016 20:46

Tgt Ion:232 Resp: 693
 Ion Ratio Lower Upper
 232 100
 131 0.0 44.9 67.3#
 130 0.0 2.3 3.5#
 166 0.0 28.1 42.1#





#59

Diethylphthalate

Concen: 0.39 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

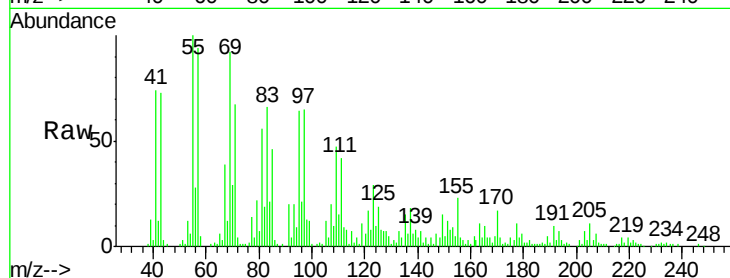
Tgt Ion:149 Resp: 5419

Ion Ratio Lower Upper

149 100

177 74.8 17.9 26.9#

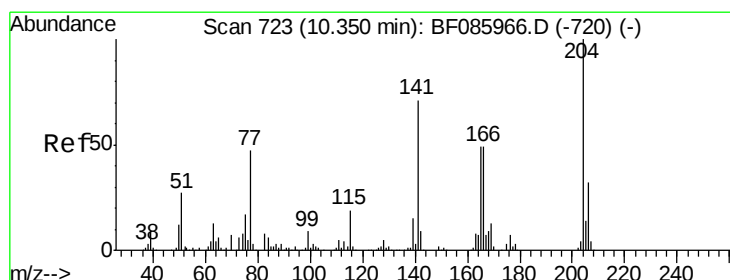
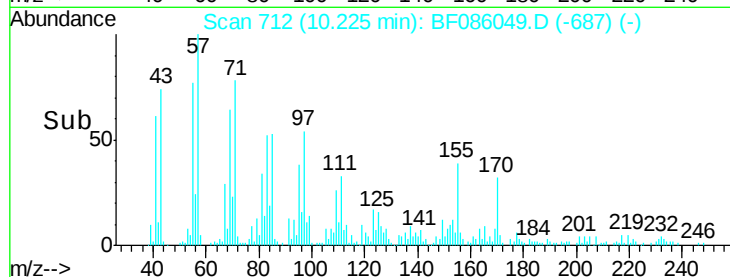
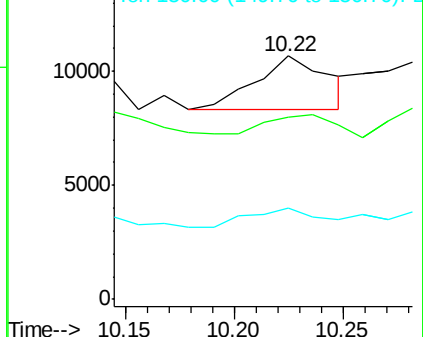
150 37.4 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 0.24 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

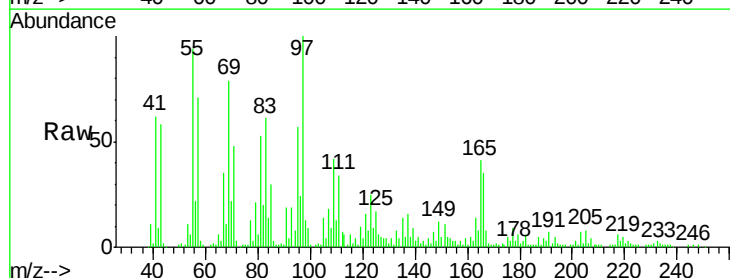
Tgt Ion:204 Resp: 1396

Ion Ratio Lower Upper

204 100

206 97.5 26.6 39.8#

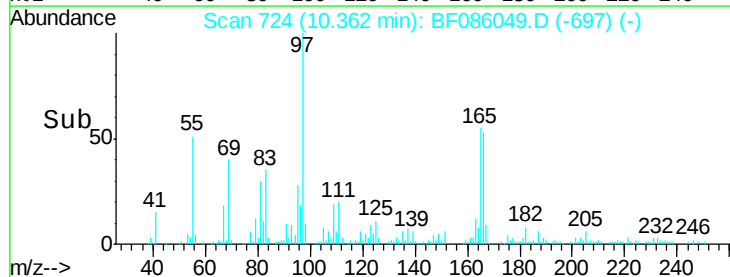
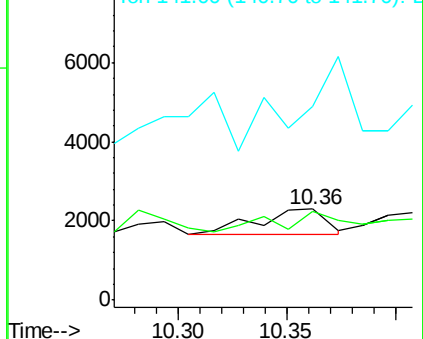
141 213.6 57.4 86.0#

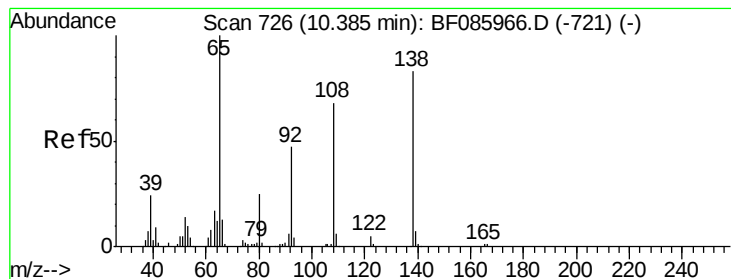


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 2.83 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.13 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

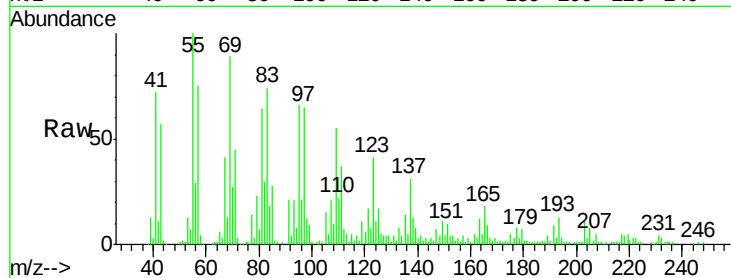
Tgt Ion:138 Resp: 9732

Ion Ratio Lower Upper

138 100

92 30.2 26.4 66.4

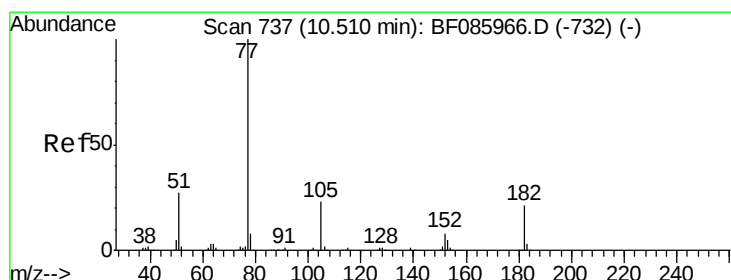
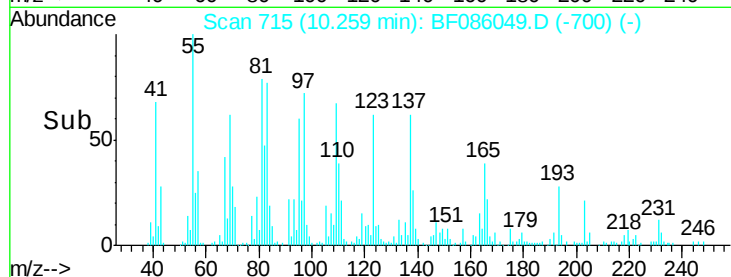
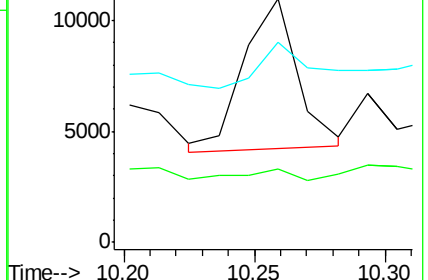
108 82.0 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 0.70 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Tgt Ion: 77 Resp: 9245

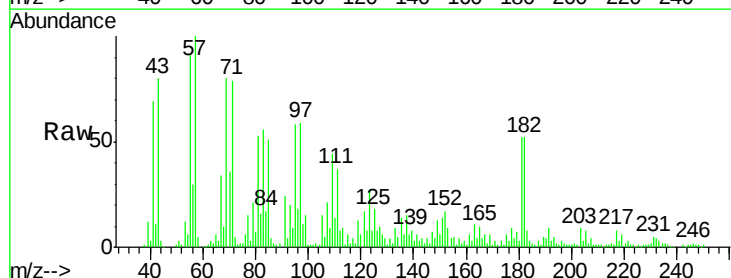
Ion Ratio Lower Upper

77 100

182 347.3 1.9 41.9#

105 99.1 3.5 43.5#

51 21.9 6.3 46.3

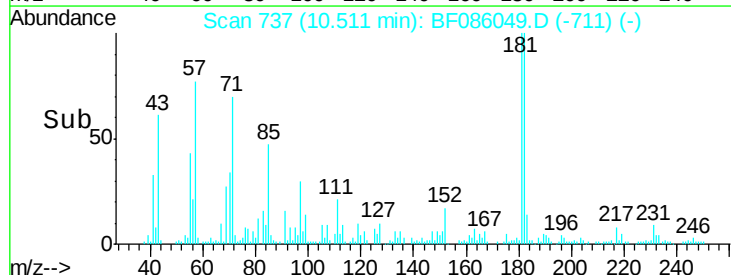
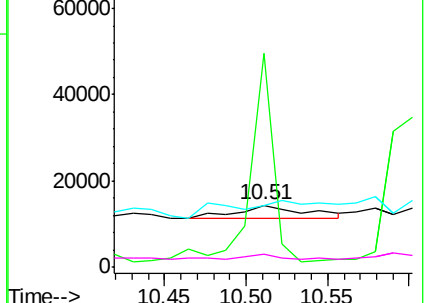


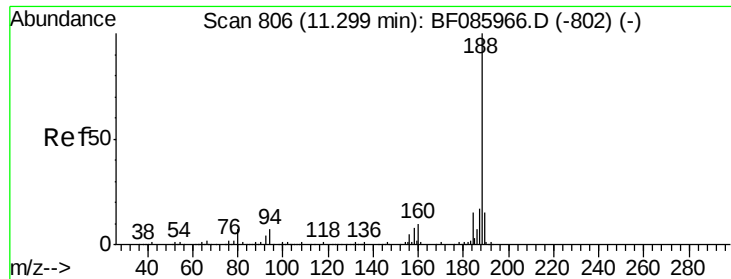
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

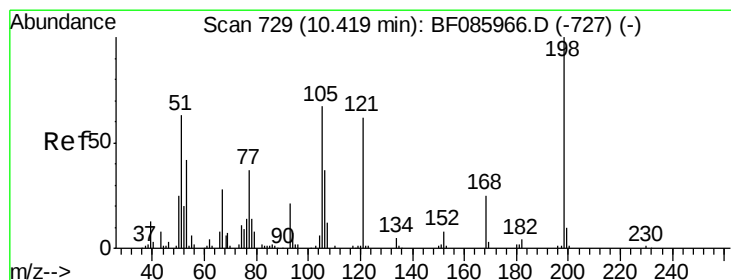
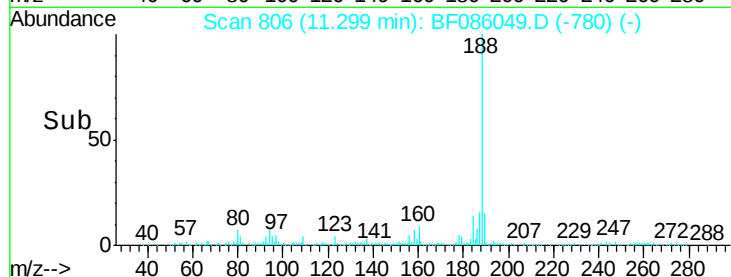
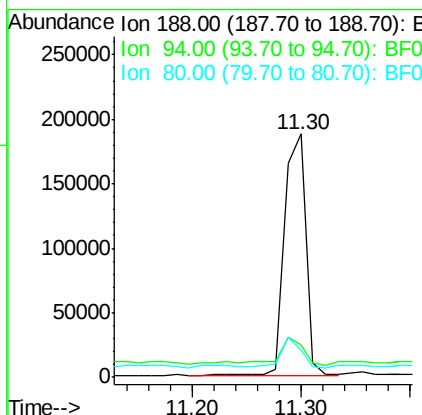
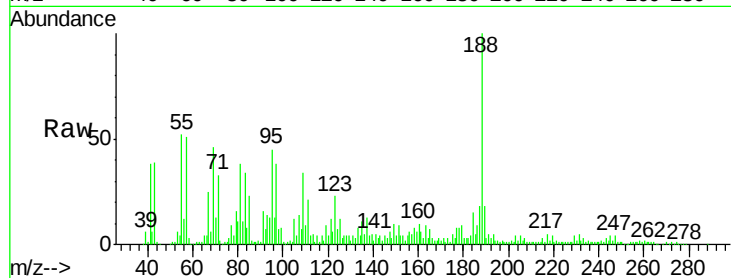




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

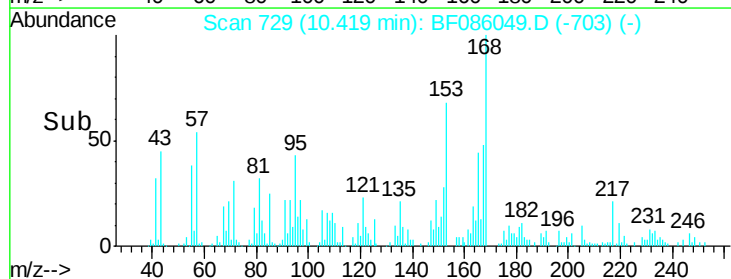
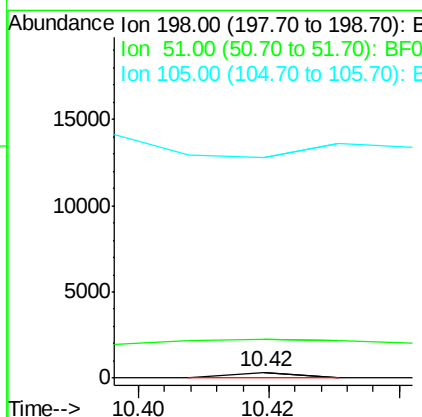
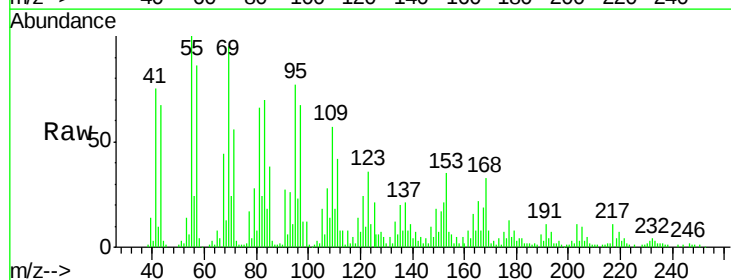
Instrument :
BNA_F
ClientSampleId :
TK2-DUP-20160401

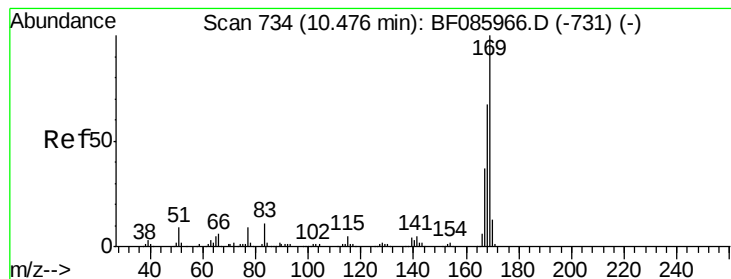
Tgt Ion:188 Resp: 253187
Ion Ratio Lower Upper
188 100
94 13.2 5.4 8.0#
80 11.4 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 0.14 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

Tgt Ion:198 Resp: 221
Ion Ratio Lower Upper
198 100
51 693.8 45.4 85.4#
105 3964.0 45.9 85.9#





#65

n-Nitrosodiphenylamine

Concen: 3.22 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

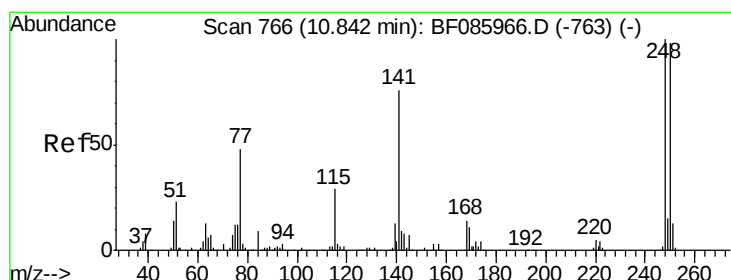
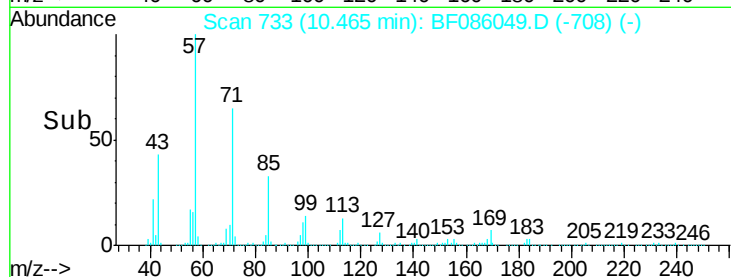
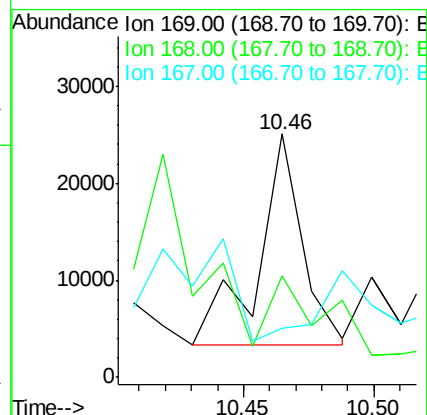
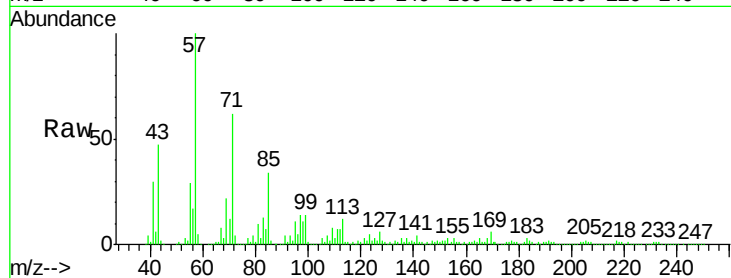
Tgt Ion:169 Resp: 25506

Ion Ratio Lower Upper

169 100

168 41.9 54.4 81.6#

167 19.9 29.4 44.0#



#66

4-Bromophenyl-phenylether

Concen: 0.96 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

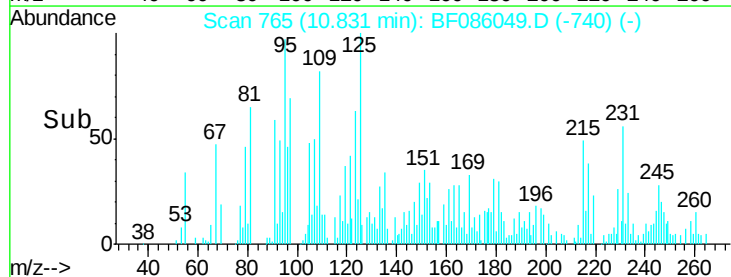
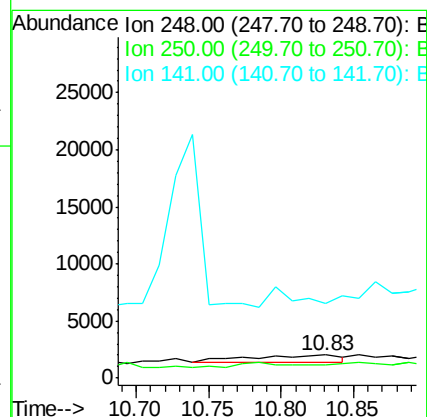
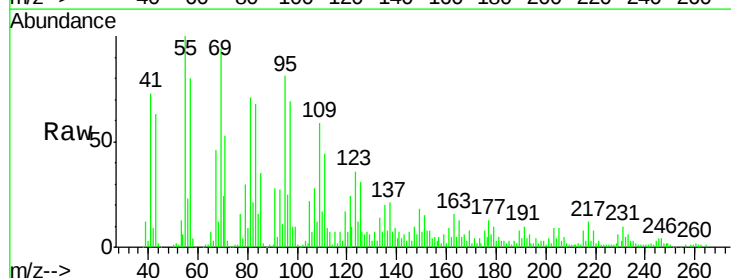
Tgt Ion:248 Resp: 2493

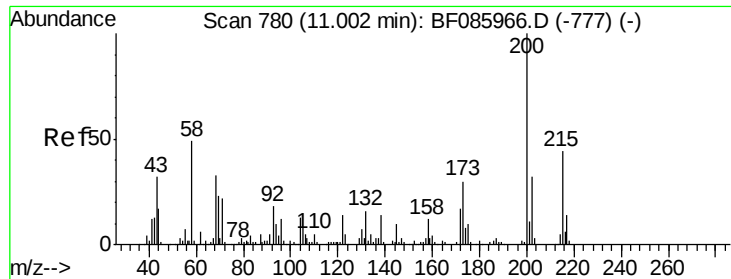
Ion Ratio Lower Upper

248 100

250 57.1 77.4 116.0#

141 320.6 63.6 95.4#





#68

Atrazine

Concen: 0.77 ng

RT: 11.01 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

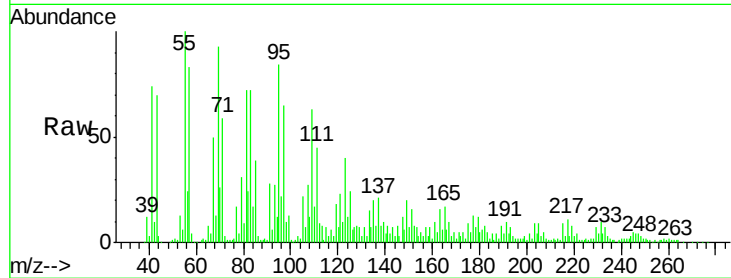
Tgt Ion:200 Resp: 1971

Ion Ratio Lower Upper

200 100

173 367.0 7.7 47.7#

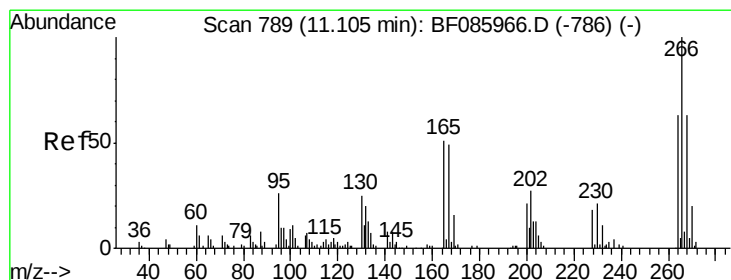
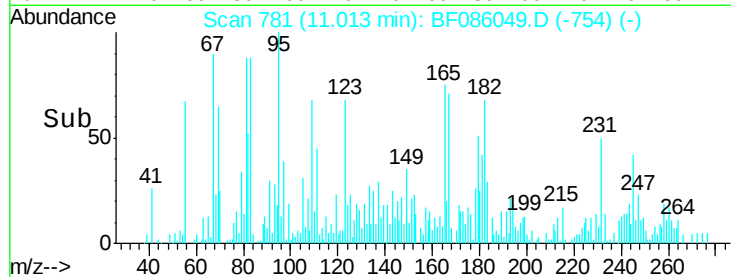
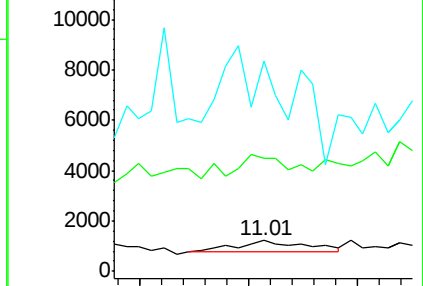
215 680.3 25.4 65.4#



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: 1.92 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

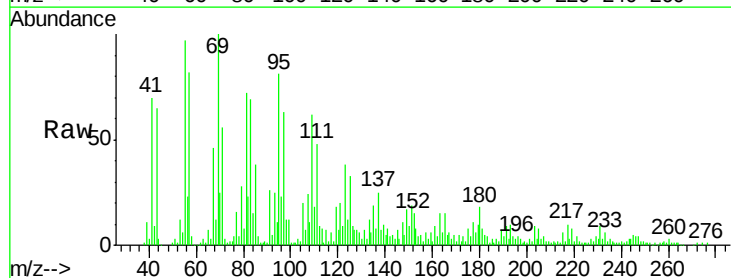
Tgt Ion:266 Resp: 2406

Ion Ratio Lower Upper

266 100

268 0.0 51.5 77.3#

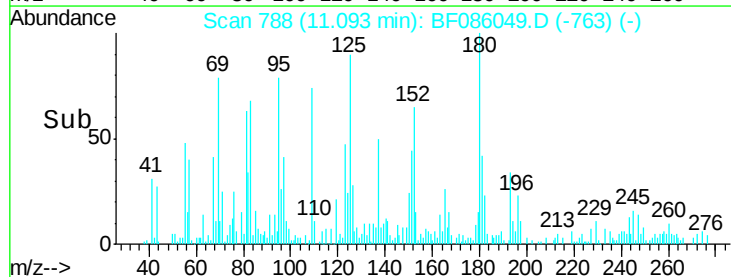
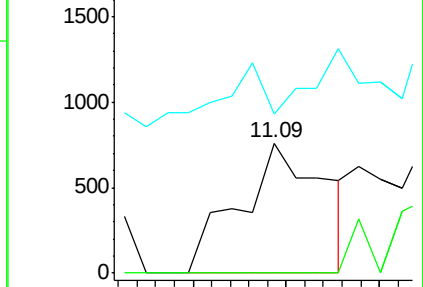
264 122.7 50.6 76.0#

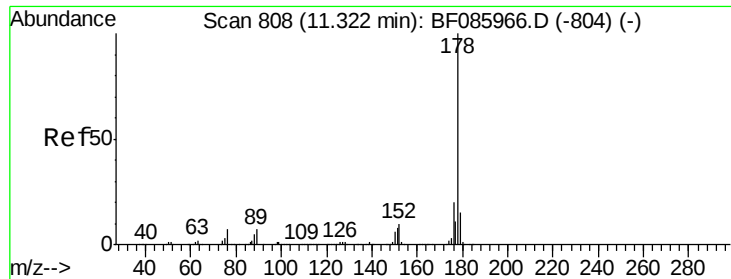


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 83.77 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

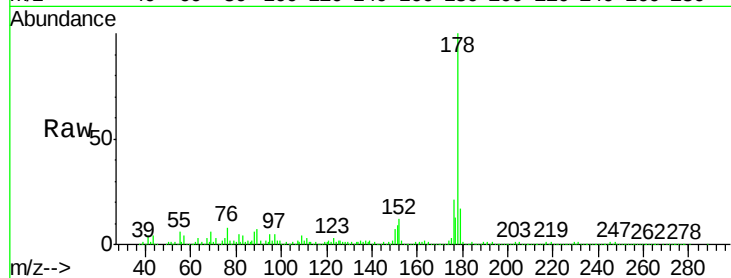
Tgt Ion:178 Resp: 1157024

Ion Ratio Lower Upper

178 100

176 20.8 16.3 24.5

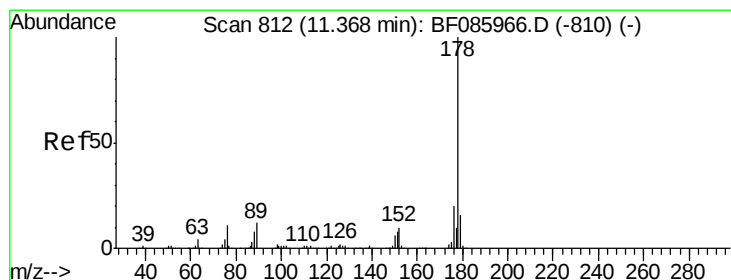
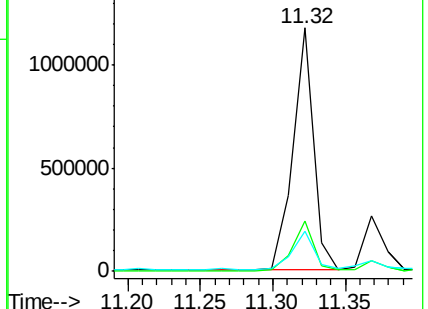
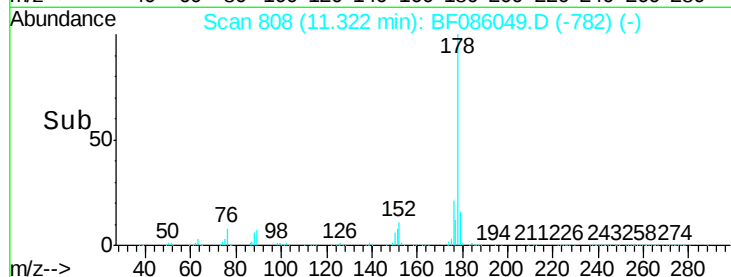
179 16.7 12.6 18.8



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: 17.60 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

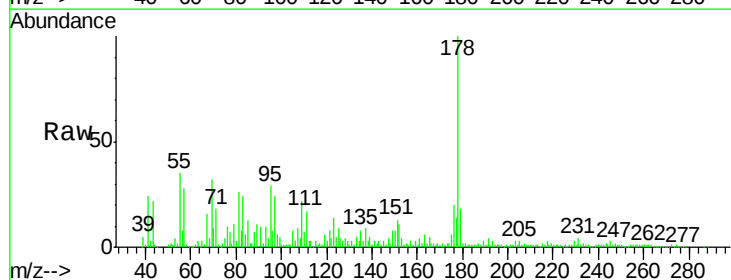
Tgt Ion:178 Resp: 254629

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

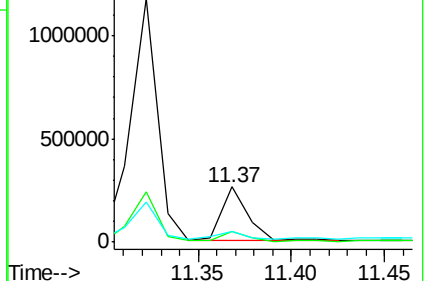
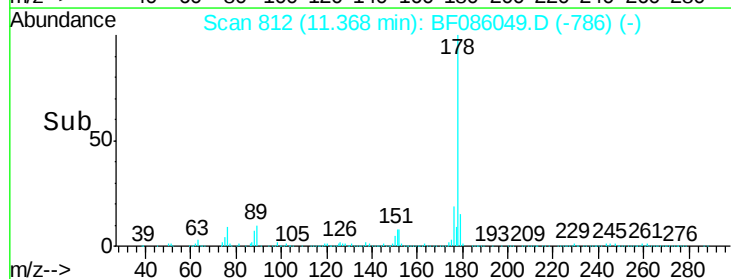
179 18.2 13.0 19.4

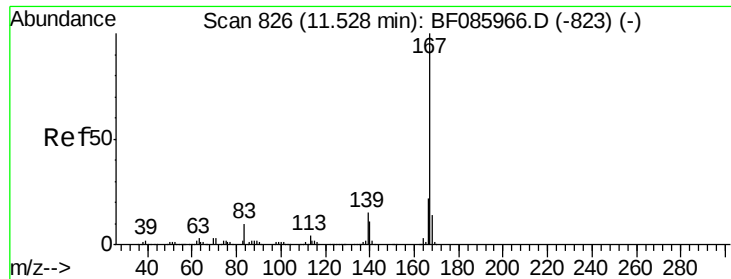


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 8.06 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

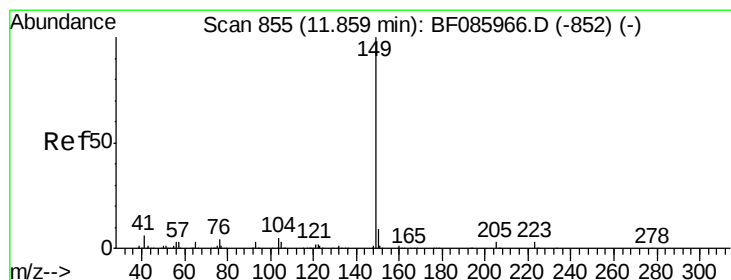
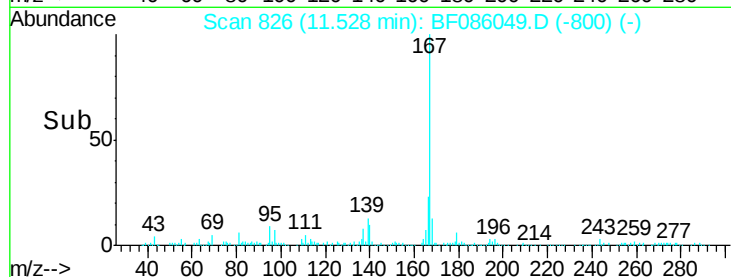
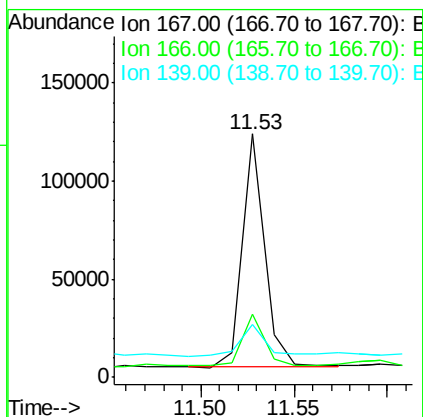
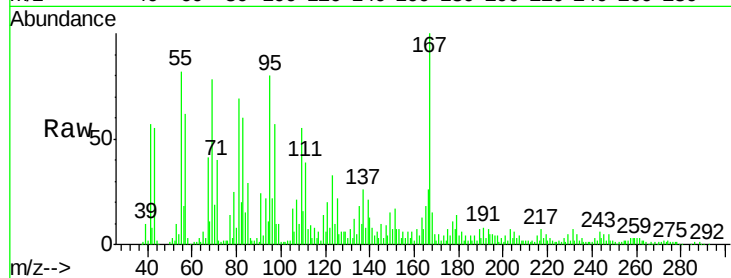
Tgt Ion:167 Resp: 100221

Ion Ratio Lower Upper

167 100

166 26.0 17.8 26.8

139 21.5 11.6 17.4#



#73

Di-n-butylphthalate

Concen: 2.31 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

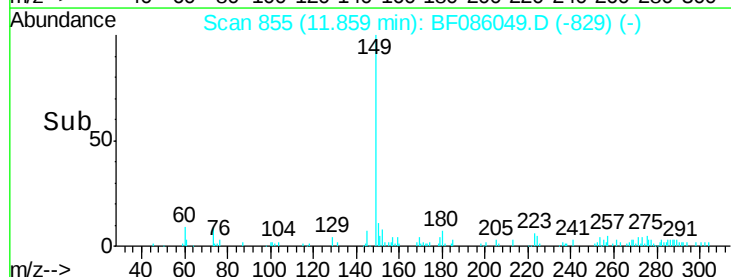
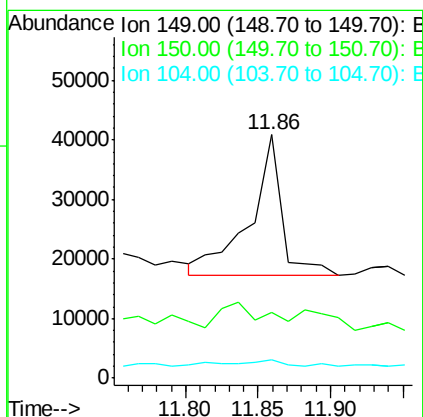
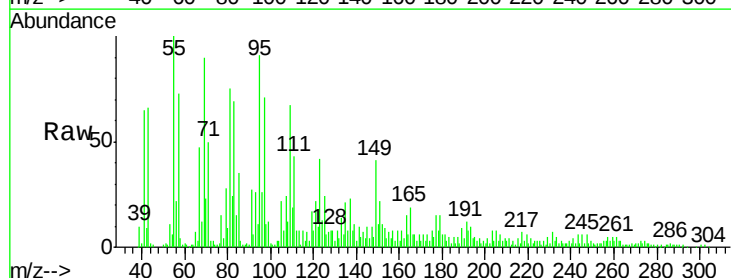
Tgt Ion:149 Resp: 35660

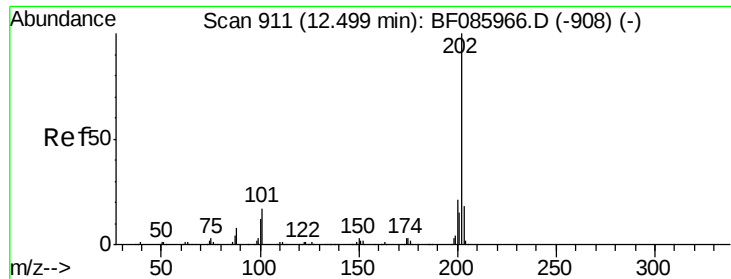
Ion Ratio Lower Upper

149 100

150 27.1 7.6 11.4#

104 7.5 3.8 5.8#

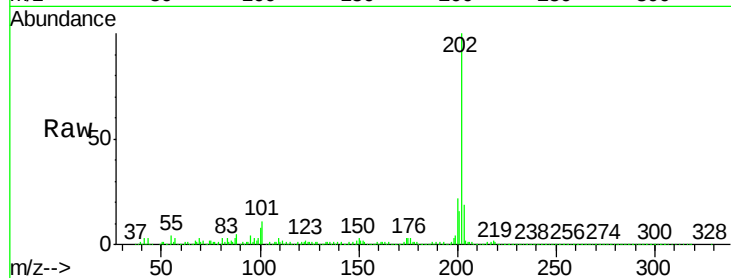




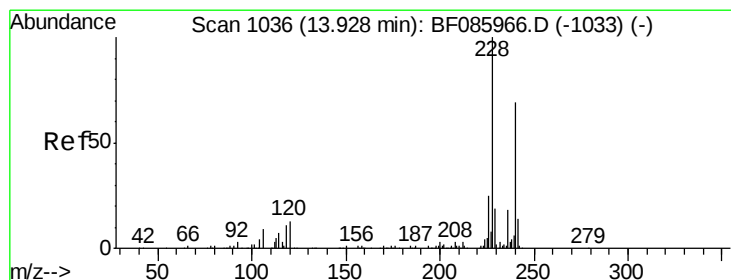
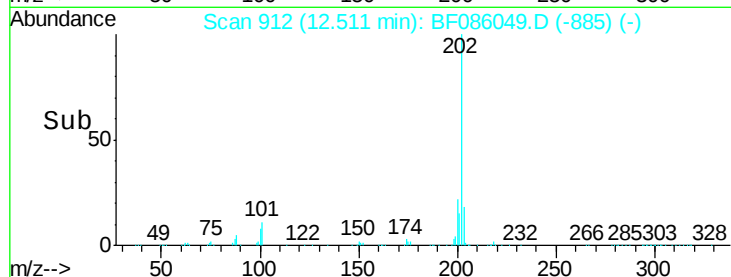
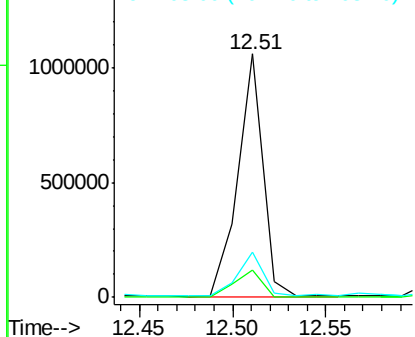
#74
Fluoranthene
Concen: 69.64 ng
RT: 12.51 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
TK2-DUP-20160401

Tgt Ion:202 Resp: 1000541
Ion Ratio Lower Upper
202 100
101 11.1 0.0 36.6
203 18.6 0.0 38.1

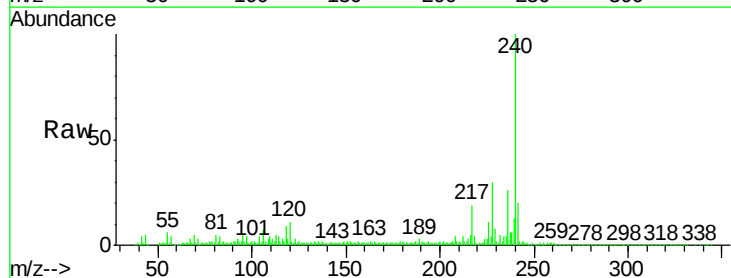


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

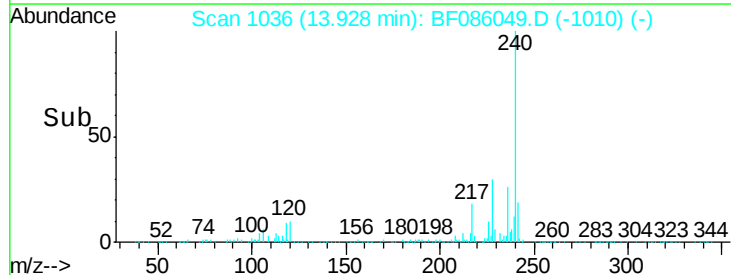
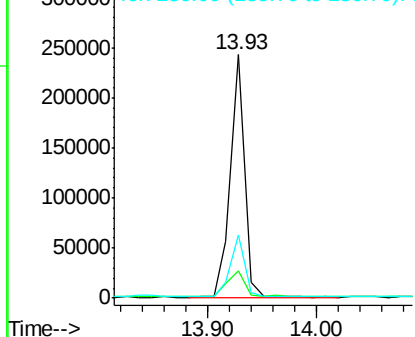


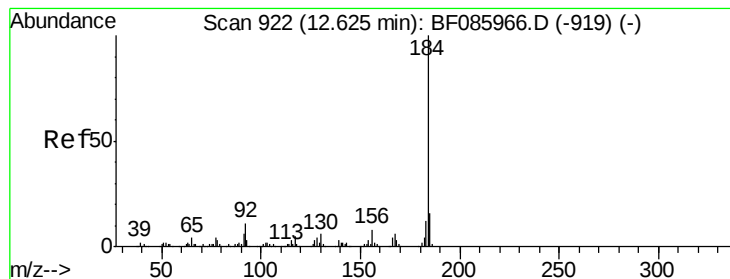
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

Tgt Ion:240 Resp: 217597
Ion Ratio Lower Upper
240 100
120 11.1 13.8 20.8#
236 26.2 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.09 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.03 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

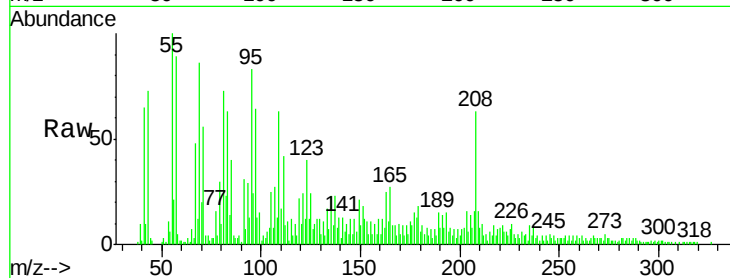
Tgt Ion:184 Resp: 669

Ion Ratio Lower Upper

184 100

185 181.3 12.4 18.6#

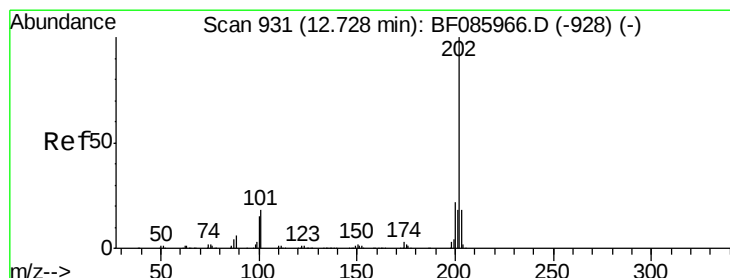
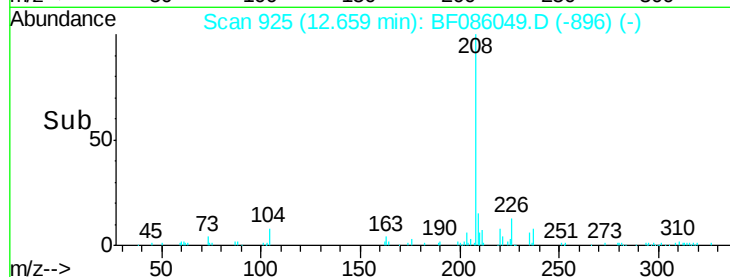
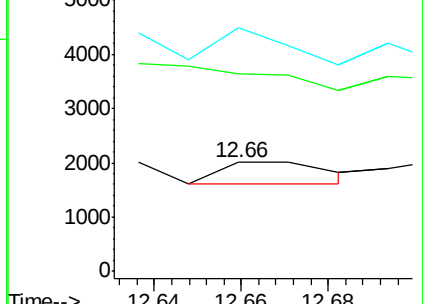
183 223.2 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 62.50 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

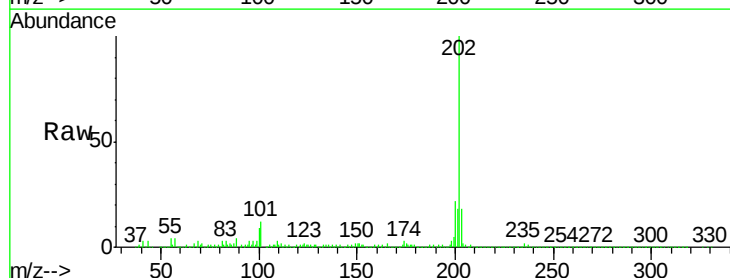
Tgt Ion:202 Resp: 958333

Ion Ratio Lower Upper

202 100

200 22.2 17.6 26.4

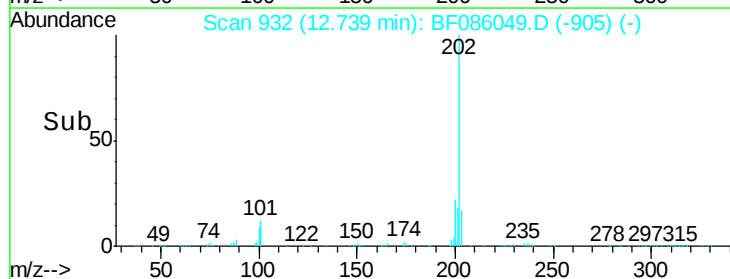
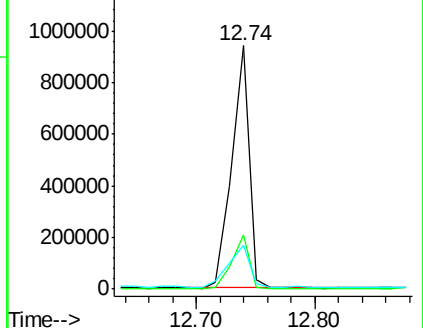
203 18.1 14.0 21.0

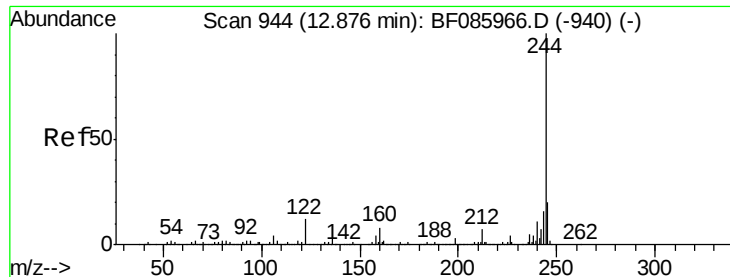


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.92 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

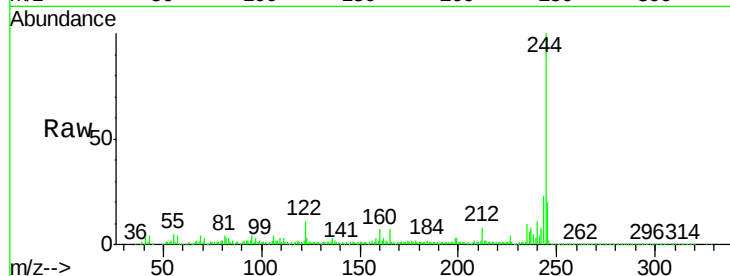
Tgt Ion:244 Resp: 563968

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

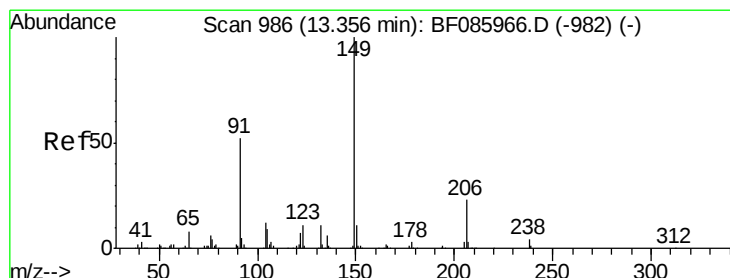
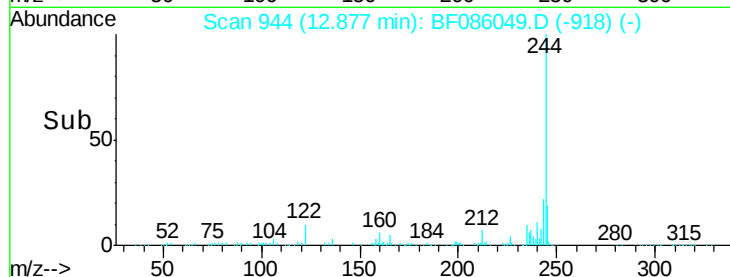
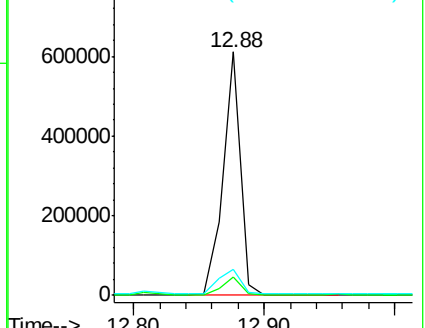
122 10.6 10.2 15.4



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: 0.57 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

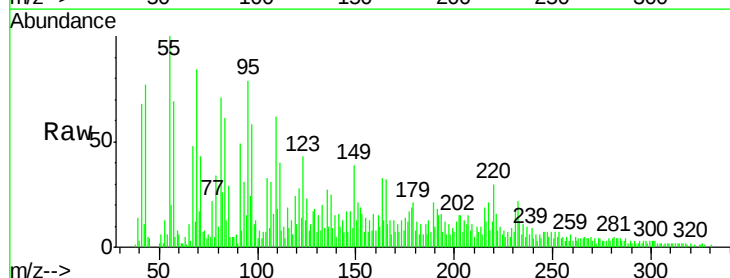
Tgt Ion:149 Resp: 3952

Ion Ratio Lower Upper

149 100

91 124.8 45.8 68.8#

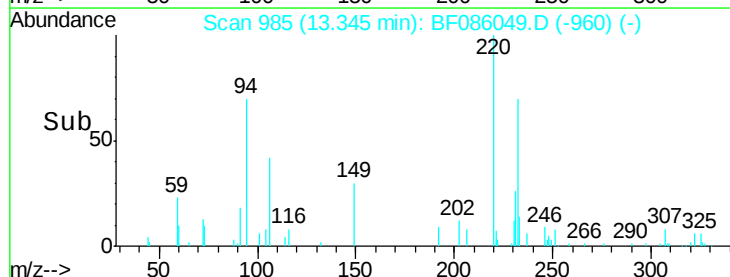
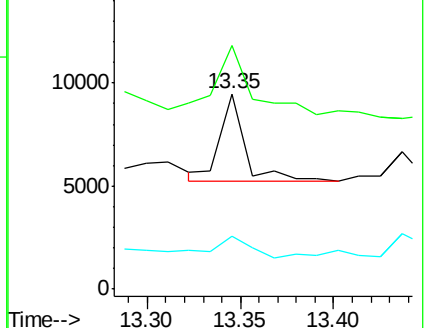
206 27.1 17.8 26.8#

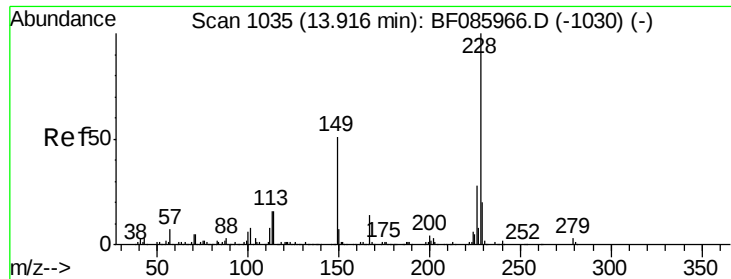


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

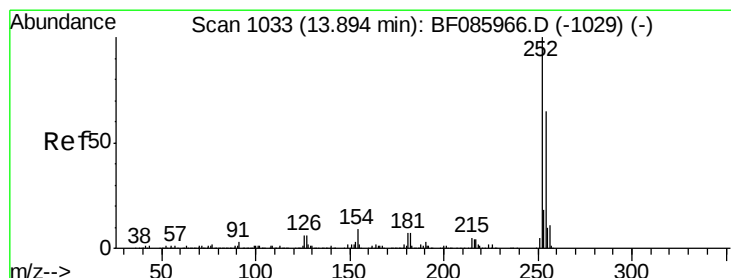
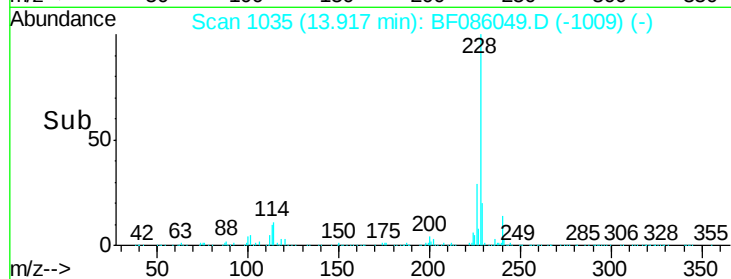
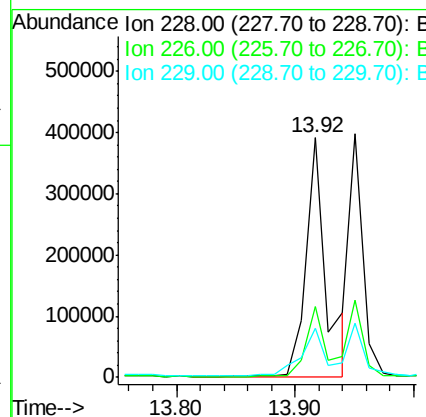
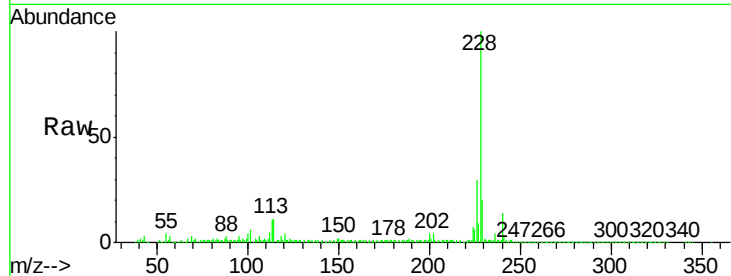




#80
Benzo(a)anthracene
Concen: 35.62 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

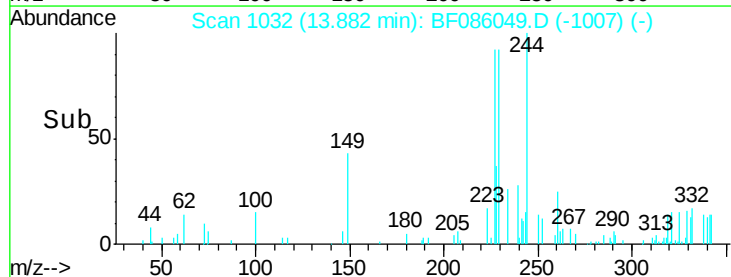
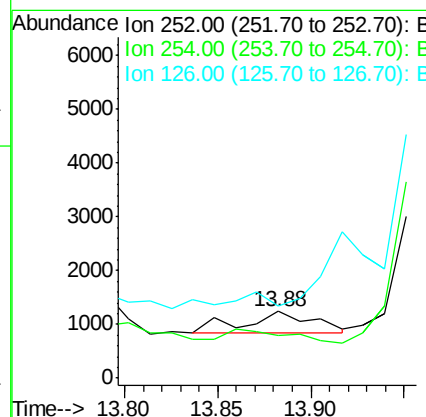
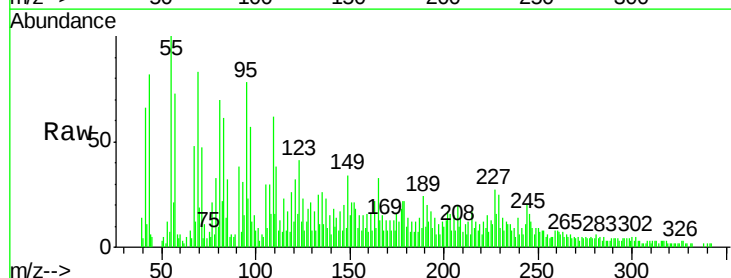
Instrument :
BNA_F
ClientSampleId :
TK2-DUP-20160401

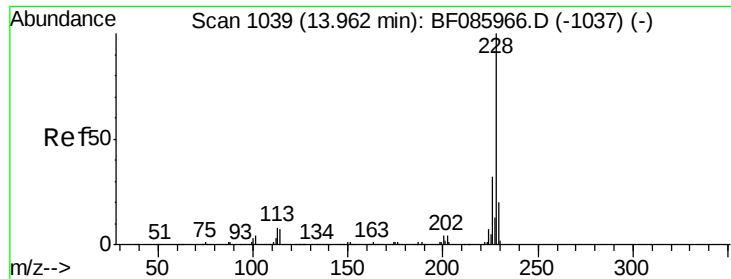
Tgt Ion:228 Resp: 456901
Ion Ratio Lower Upper
228 100
226 29.6 22.1 33.1
229 20.5 16.2 24.4



#81
3,3'-Dichlorobenzidine
Concen: 0.11 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

Tgt Ion:252 Resp: 1014
Ion Ratio Lower Upper
252 100
254 64.3 50.7 76.1
126 108.0 11.8 17.6#





#82

Chrysene

Concen: 25.52 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

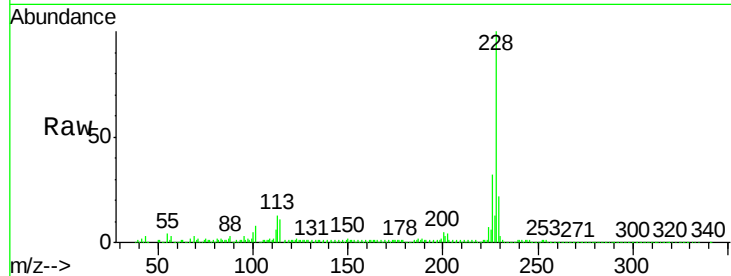
Tgt Ion:228 Resp: 315278

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.6

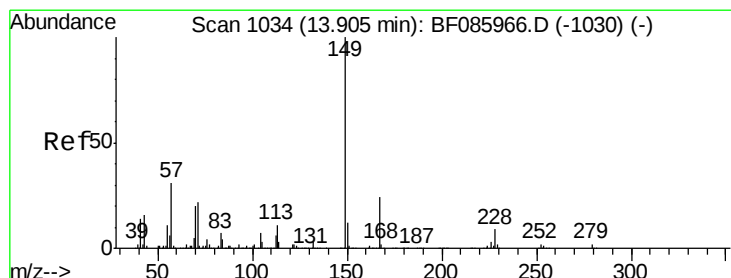
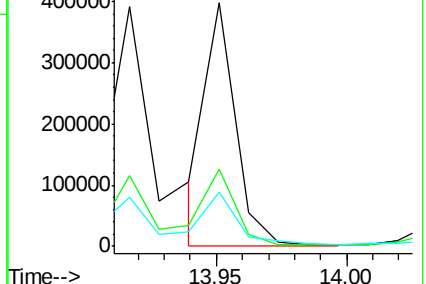
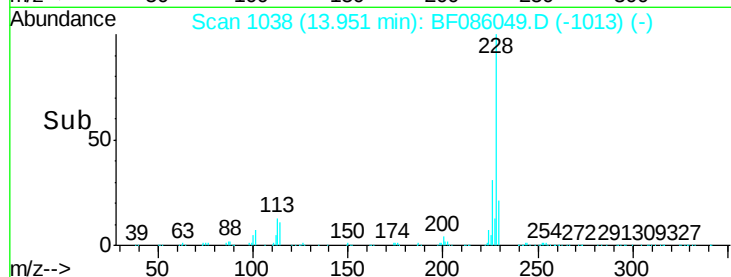
229 22.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.71 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

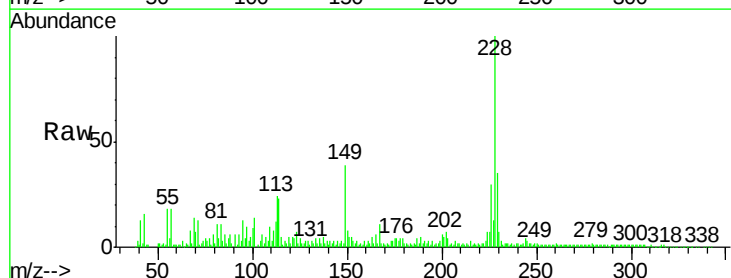
Tgt Ion:149 Resp: 33977

Ion Ratio Lower Upper

149 100

167 28.5 19.4 29.2

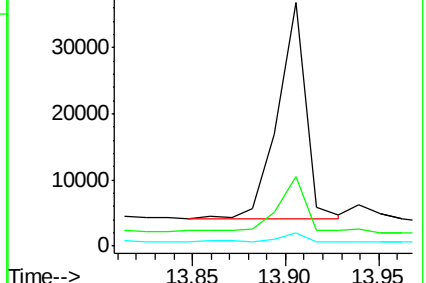
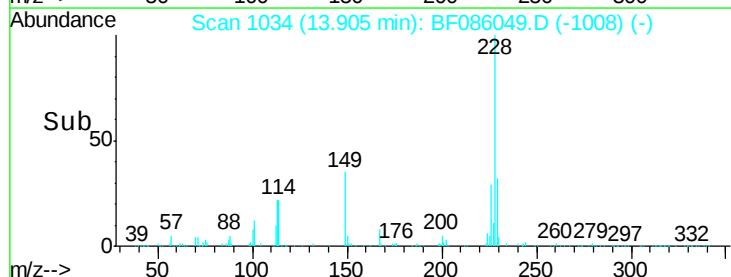
279 5.2 1.5 2.3#

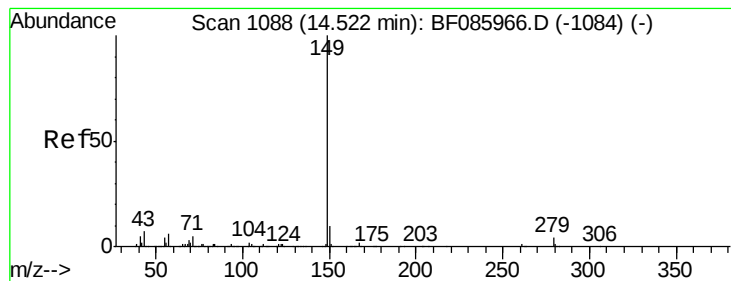


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.12 ng

RT: 14.55 min Scan# 1090

Delta R.T. 0.02 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

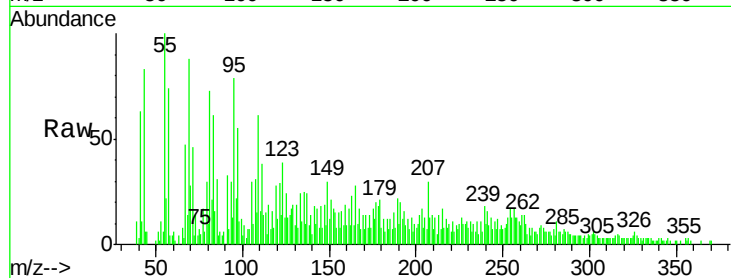
Tgt Ion:149 Resp: 1795

Ion Ratio Lower Upper

149 100

167 97.0 1.2 1.8#

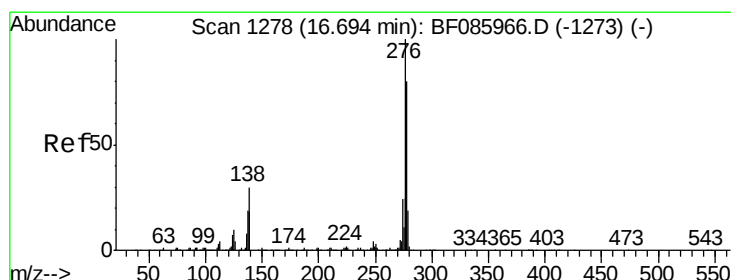
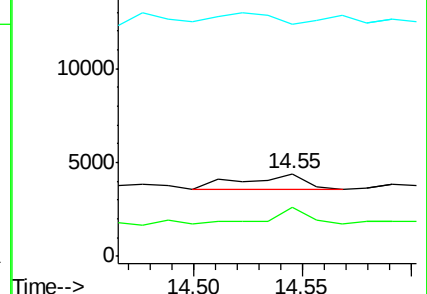
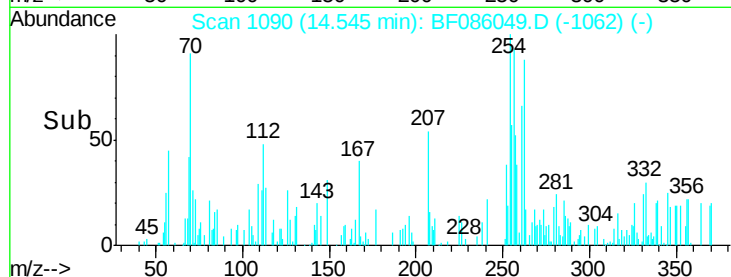
43 0.0 7.1 10.7#



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: 12.56 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

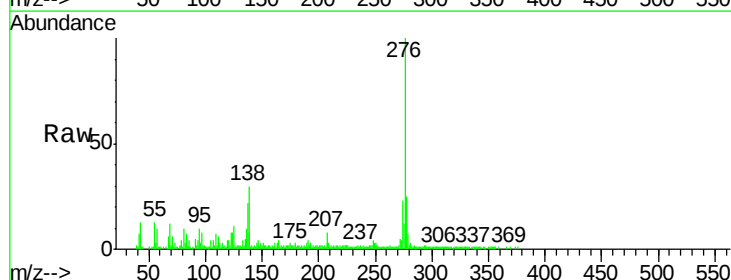
Tgt Ion:276 Resp: 125949

Ion Ratio Lower Upper

276 100

138 24.7 24.2 36.4

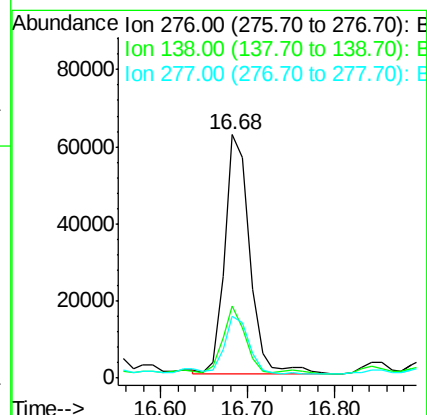
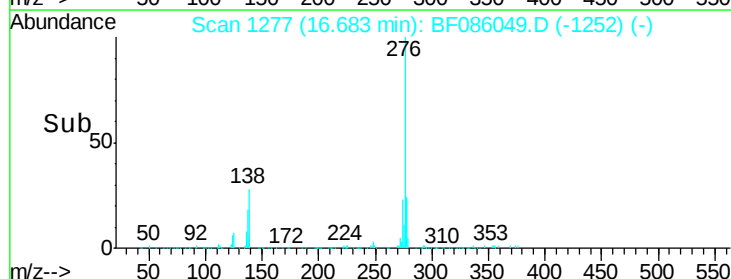
277 25.0 20.0 30.0

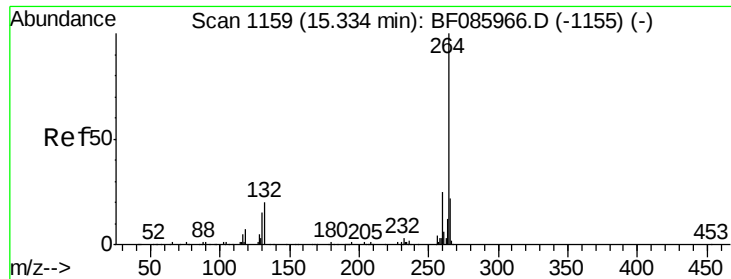


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



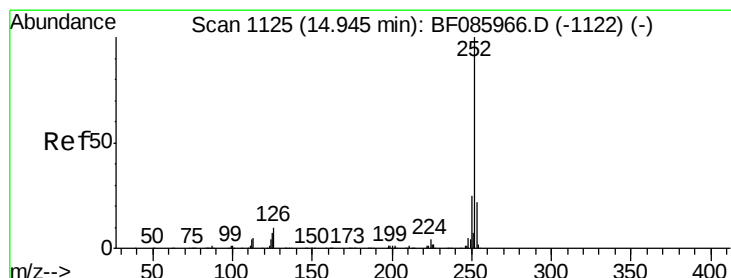
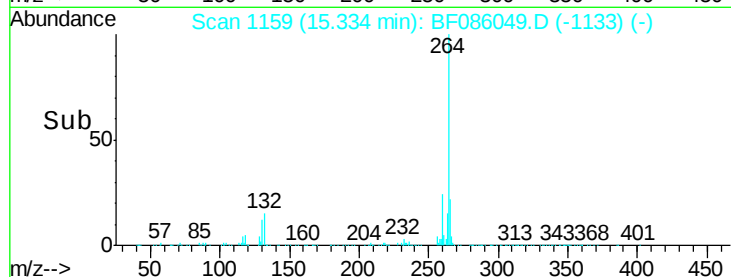
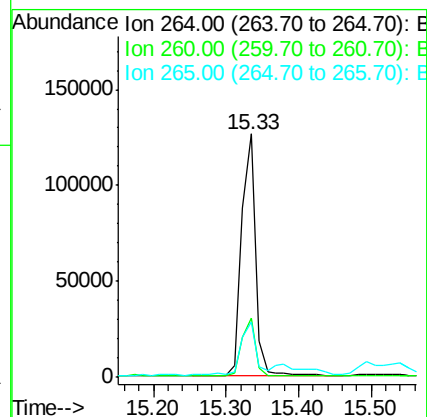
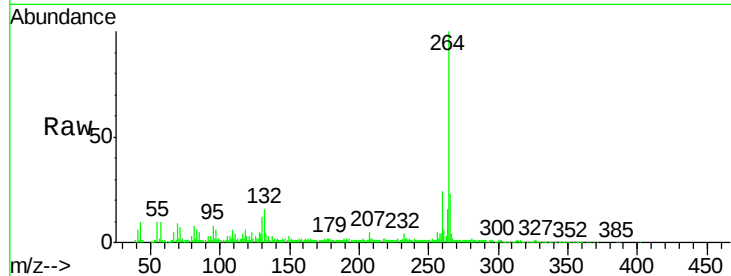


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
TK2-DUP-20160401

Tgt Ion: 264 Resp: 170616

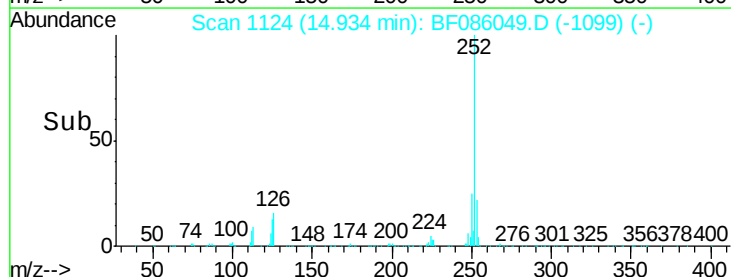
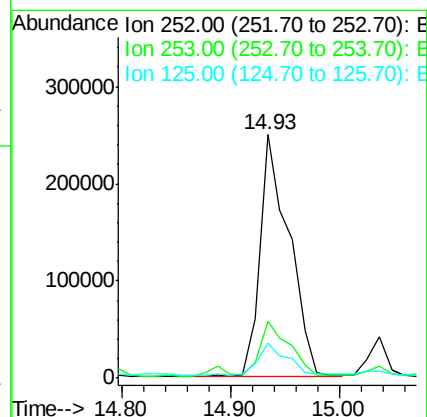
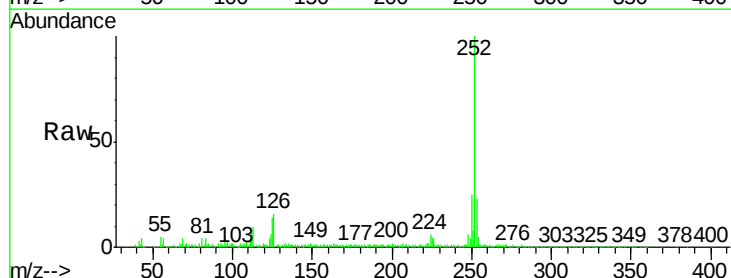
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.6	17.2	25.8

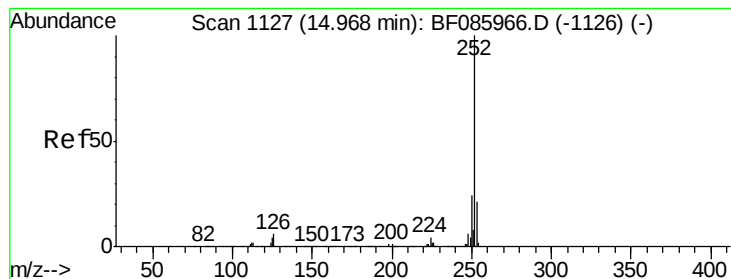


#87
Benzo(b)fluoranthene
Concen: 43.46 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF086049.D
Acq: 4 Apr 2016 20:46

Tgt Ion: 252 Resp: 466455

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	14.2	10.3	15.5





#88

Benzo(k)fluoranthene

Concen: 49.08 ng

RT: 14.93 min Scan# 1124

Delta R.T. -0.03 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

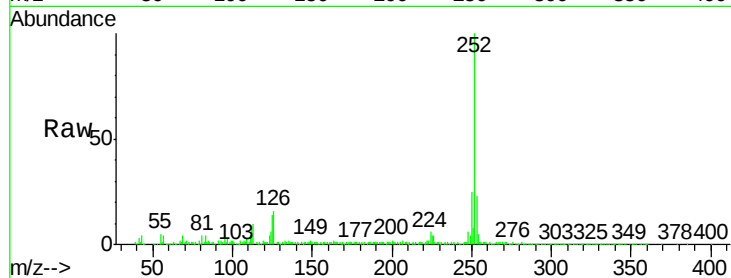
Tgt Ion:252 Resp: 466455

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

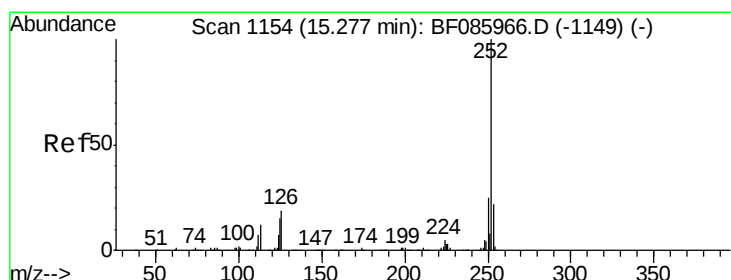
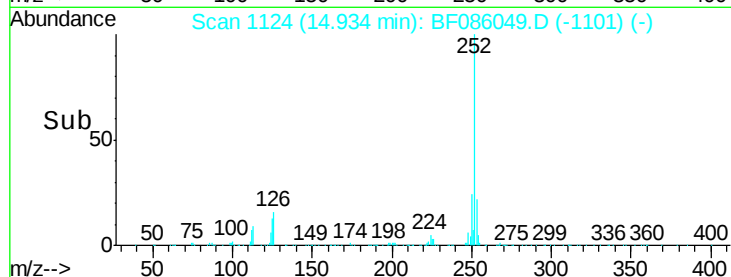
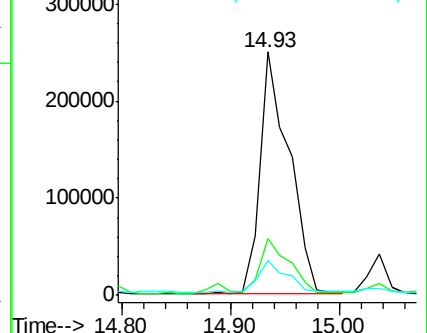
125 14.2 7.7 11.5#



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: 24.94 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

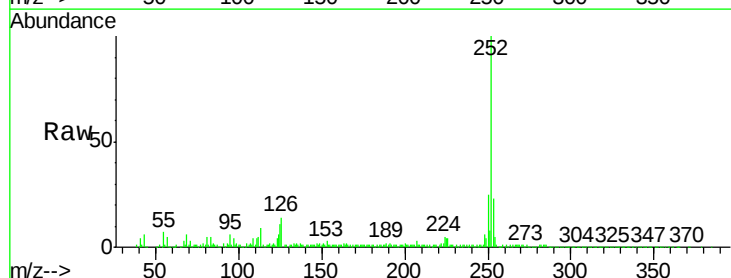
Tgt Ion:252 Resp: 237187

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

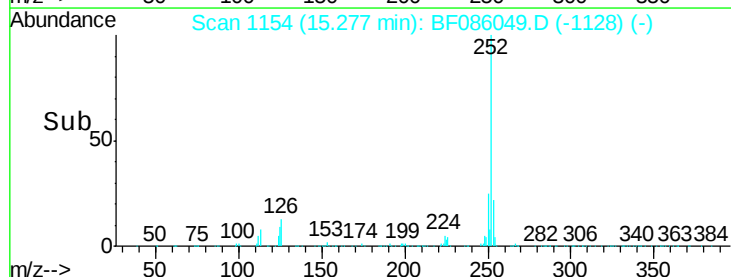
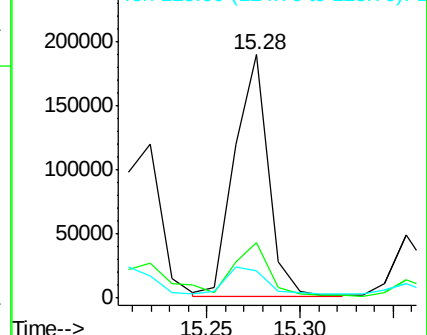
125 11.1 10.3 15.5

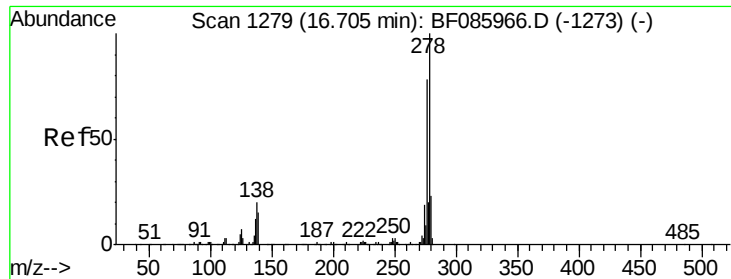


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 4.13 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401

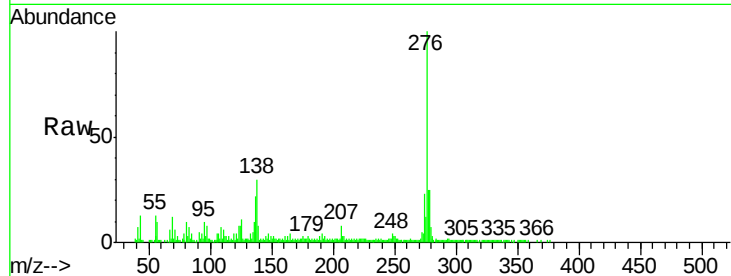
Tgt Ion:278 Resp: 31634

Ion Ratio Lower Upper

278 100

139 30.6 14.4 21.6#

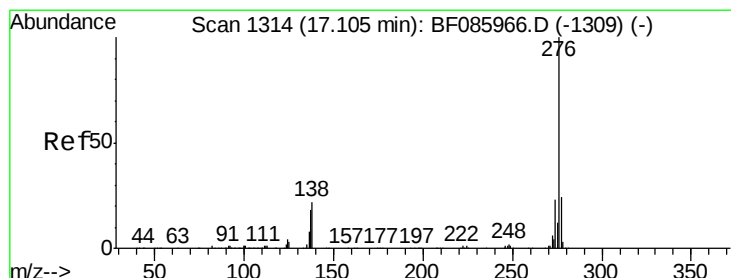
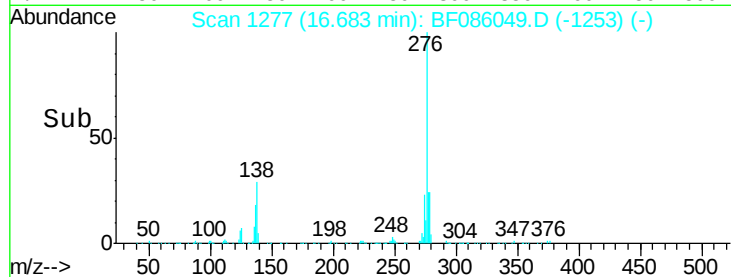
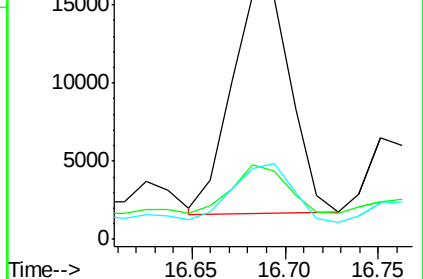
279 29.0 19.1 28.7#



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: 15.66 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF086049.D

Acq: 4 Apr 2016 20:46

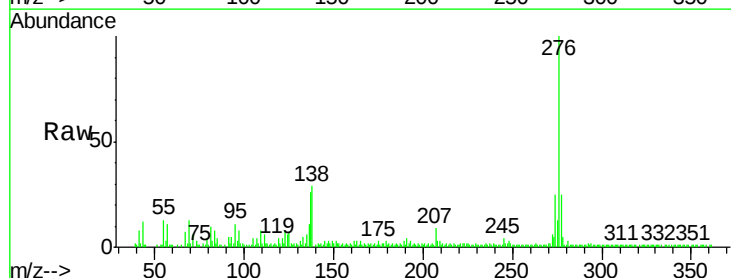
Tgt Ion:276 Resp: 115978

Ion Ratio Lower Upper

276 100

277 25.4 18.8 28.2

138 28.8 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

