

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086026.D
 Acq On : 2 Apr 2016 22:05
 Operator : UM/SJ
 Sample : PB89347BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89347BS

Quant Time: Apr 04 01:09:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105563	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	410292	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	198276	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	355308	20.00	ng	0.00
75) Chrysene-d12	13.93	240	228304	20.00	ng	0.00
86) Perylene-d12	15.33	264	196331	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	777496	125.89	ng	0.01
7) Phenol-d6	6.42	99	912097	116.27	ng	0.00
23) Nitrobenzene-d5	7.34	82	589915	84.79	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	223249	119.96	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1077314	90.34	ng	0.00
78) Terphenyl-d14	12.88	244	906484	93.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	80345	27.44	ng	98
3) Pyridine	3.08	79	216799	33.07	ng	98
4) n-Nitrosodimethylamine	3.01	42	105134	36.48	ng	99
6) Aniline	6.44	93	210779	20.48	ng	# 76
8) 2-Chlorophenol	6.56	128	254229	34.52	ng	90
9) Benzaldehyde	6.32	77	124700	29.54	ng	89
10) Phenol	6.43	94	279417	31.23	ng	82
11) bis(2-Chloroethyl)ether	6.51	93	231213	32.63	ng	95
12) 1,3-Dichlorobenzene	6.72	146	266442	34.13	ng	98
13) 1,4-Dichlorobenzene	6.78	146	266035	33.08	ng	98
14) 1,2-Dichlorobenzene	6.94	146	263063	35.54	ng	100
15) Benzyl Alcohol	6.92	79	191209	37.68	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	296102	34.21	ng	90
17) 2-Methylphenol	7.05	107	209212	36.03	ng	96
18) Hexachloroethane	7.28	117	97382	32.92	ng	# 79
19) n-Nitroso-di-n-propylamine	7.20	70	180692	37.16	ng	98
20) 3+4-Methylphenols	7.20	107	269521	38.16	ng	# 82
22) Acetophenone	7.18	105	345316	35.80	ng	# 93
24) Nitrobenzene	7.36	77	257570	33.84	ng	96
25) Isophorone	7.60	82	481364	35.05	ng	99
26) 2-Nitrophenol	7.68	139	131959	36.24	ng	# 86
27) 2,4-Dimethylphenol	7.72	122	225501	34.48	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	318141	39.48	ng	99
29) 2,4-Dichlorophenol	7.93	162	205153	37.10	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	218492	35.20	ng	94
31) Naphthalene	8.08	128	717867	34.78	ng	99
32) Benzoic acid	7.86	122	133970	27.92	ng	98
33) 4-Chloroaniline	8.14	127	107887	12.94	ng	98
34) Hexachlorobutadiene	8.20	225	115354	34.57	ng	98
35) Caprolactam	8.51	113	54640	31.15	ng	# 76
36) 4-Chloro-3-methylphenol	8.62	107	224135	36.06	ng	93
37) 2-Methylnaphthalene	8.77	142	507668	37.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	194307	32.61	ng	99
40) Hexachlorocyclopentadiene	8.92	237	92478	50.99	ng	99

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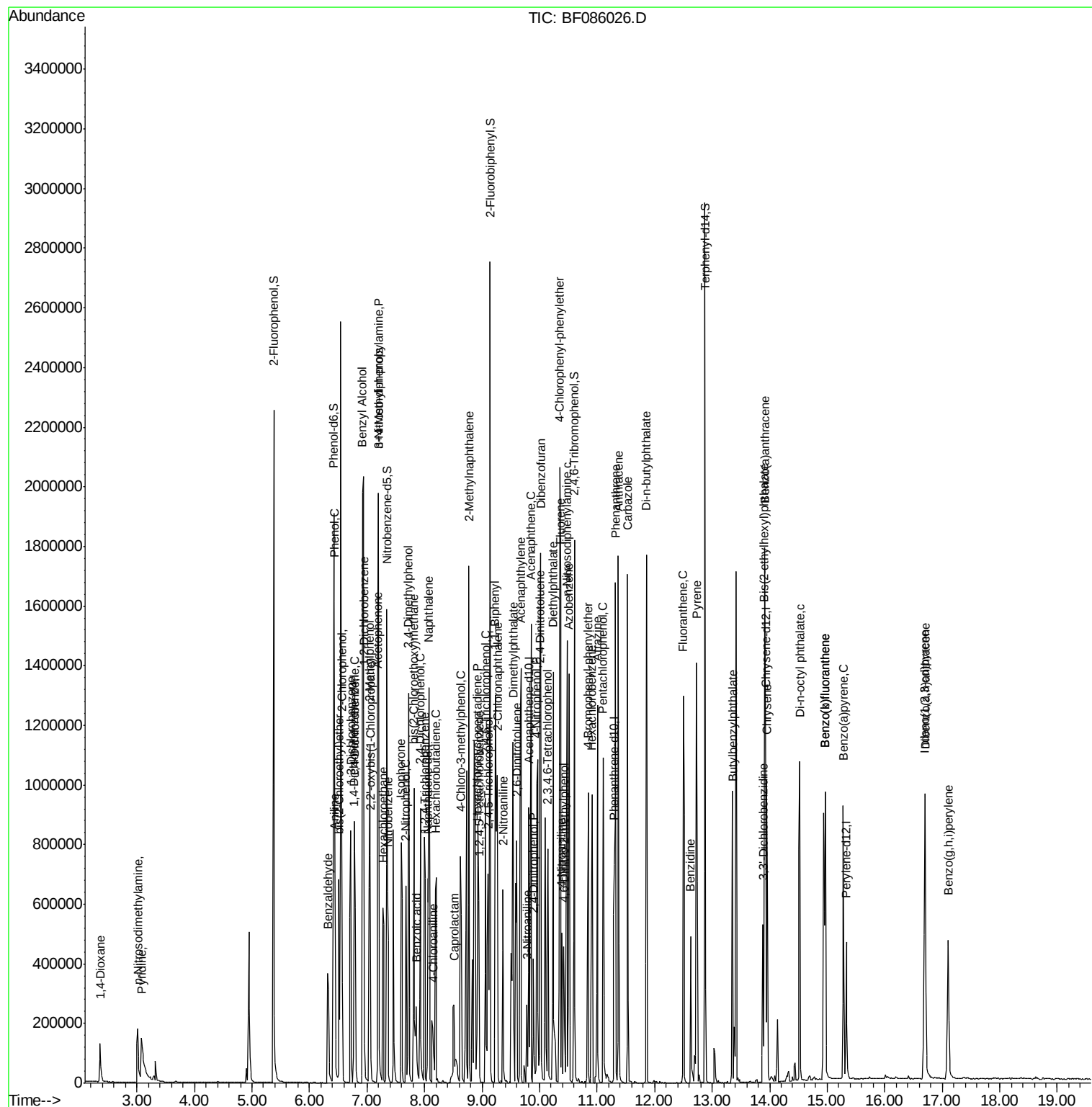
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	142716	37.29	ng	99
43) 2,4,5-Trichlorophenol	9.10	196	141511	36.42	ng	96
45) 1,1'-Biphenyl	9.23	154	548847	32.10	ng	99
46) 2-Chloronaphthalene	9.26	162	441072	35.59	ng	98
47) 2-Nitroaniline	9.37	65	140917	38.86	ng	# 77
48) Acenaphthylene	9.68	152	721795	36.36	ng	99
49) Dimethylphthalate	9.54	163	518515	35.28	ng	99
50) 2,6-Dinitrotoluene	9.61	165	124702	40.11	ng	# 75
51) Acenaphthene	9.85	154	433419	36.71	ng	99
52) 3-Nitroaniline	9.78	138	69188	18.46	ng	83
53) 2,4-Dinitrophenol	9.89	184	72357	44.72	ng	# 73
54) Dibenzofuran	10.02	168	637837	40.91	ng	99
55) 4-Nitrophenol	9.95	139	156574	70.87	ng	87
56) 2,4-Dinitrotoluene	10.01	165	140464	35.75	ng	# 34
57) Fluorene	10.36	166	497733	37.37	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	116834	40.39	ng	94
59) Diethylphthalate	10.24	149	530237	35.75	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	229110	36.93	ng	97
61) 4-Nitroaniline	10.38	138	119815	32.47	ng	85
62) Azobenzene	10.51	77	580179	40.84	ng	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	62365	28.96	ng	92
65) n-Nitrosodiphenylamine	10.48	169	464682	41.82	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	142319	39.23	ng	93
67) Hexachlorobenzene	10.91	284	149345	39.81	ng	97
68) Atrazine	11.00	200	137663	38.34	ng	97
69) Pentachlorophenol	11.10	266	127025	72.25	ng	98
70) Phenanthrene	11.32	178	756765	39.04	ng	99
71) Anthracene	11.37	178	702532	34.60	ng	100
72) Carbazole	11.53	167	634282	36.34	ng	99
73) Di-n-butylphthalate	11.86	149	900286	41.63	ng	100
74) Fluoranthene	12.50	202	682610	33.86	ng	100
76) Benzidine	12.63	184	263600	32.73	ng	98
77) Pyrene	12.73	202	654696	40.69	ng	99
79) Butylbenzylphthalate	13.36	149	337417	46.58	ng	97
80) Benzo(a)anthracene	13.92	228	483621	35.94	ng	100
81) 3,3'-Dichlorobenzidine	13.88	252	100627	10.24	ng	99
82) Chrysene	13.95	228	456562	35.22	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	439433	45.70	ng	100
84) Di-n-octyl phthalate	14.52	149	703512	45.82	ng	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	483785	46.00	ng	99
87) Benzo(b)fluoranthene	14.97	252	864162	69.97	ng	# 96
88) Benzo(k)fluoranthene	14.97	252	864432	79.04	ng	99
89) Benzo(a)pyrene	15.28	252	421374	38.51	ng	100
90) Dibenzo(a,h)anthracene	16.71	278	406493	46.17	ng	97
91) Benzo(g,h,i)perylene	17.11	276	391633	45.96	ng	95

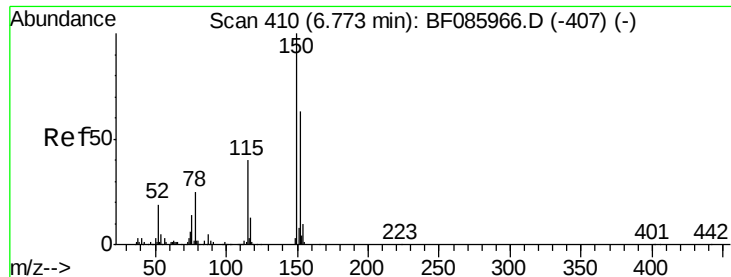
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampled :

PB89347BS

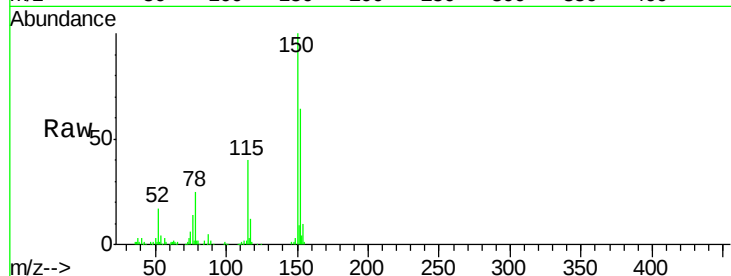
Tgt Ion:152 Resp: 105563

Ion Ratio Lower Upper

152 100

150 157.4 124.2 186.2

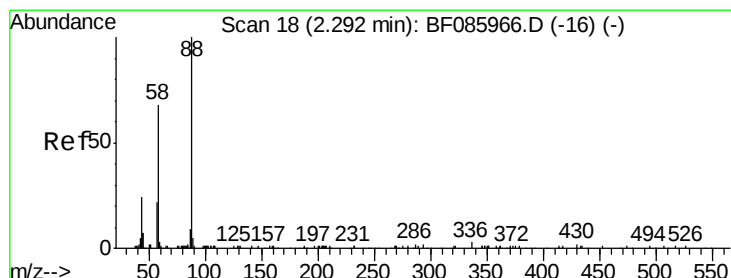
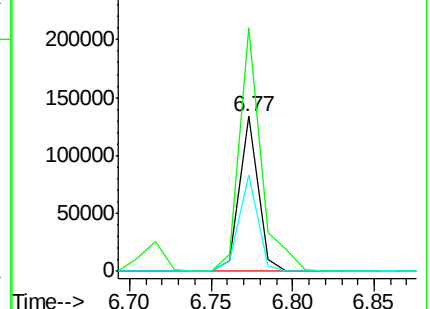
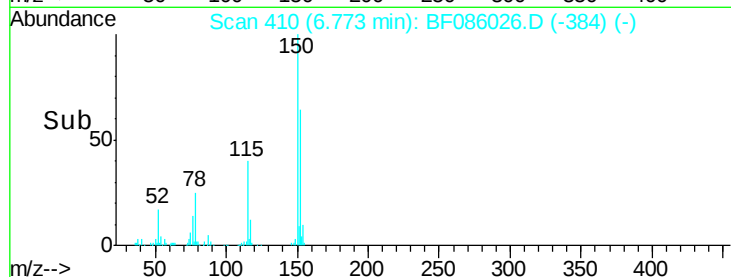
115 62.7 47.0 70.6



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: 27.44 ng

RT: 2.36 min Scan# 24

Delta R.T. 0.07 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

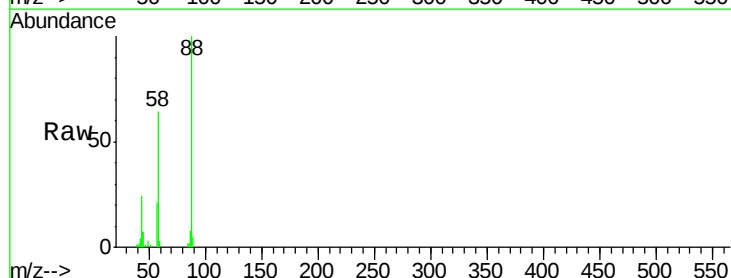
Tgt Ion: 88 Resp: 80345

Ion Ratio Lower Upper

88 100

58 69.3 54.2 81.2

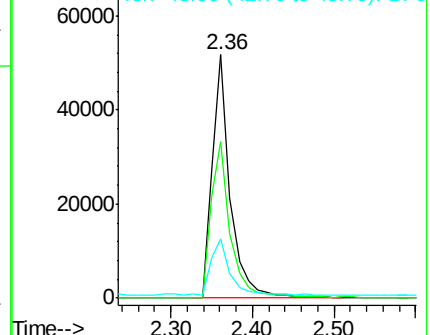
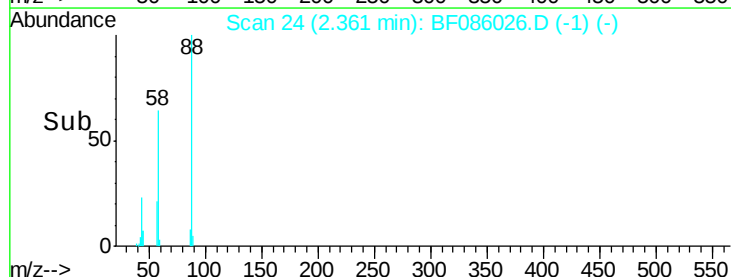
43 24.9 19.3 28.9

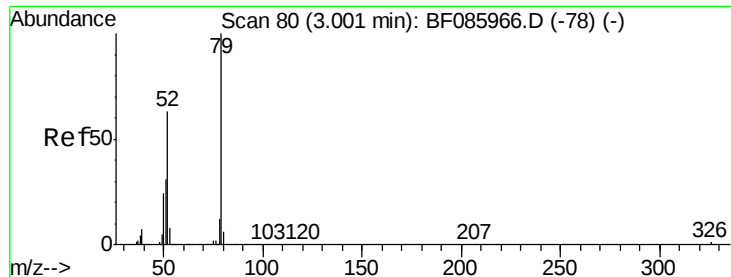


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.07 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.08 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

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ClientSampleId :

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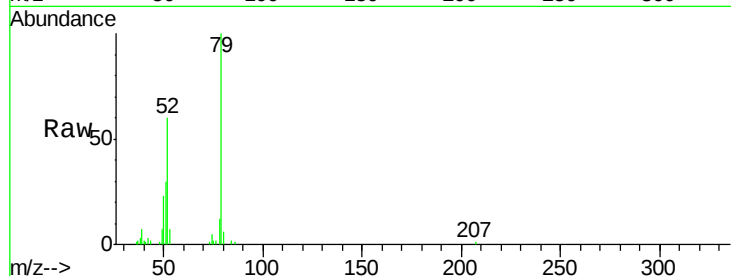
Tgt Ion: 79 Resp: 216799

Ion Ratio Lower Upper

79 100

52 59.9 49.8 74.6

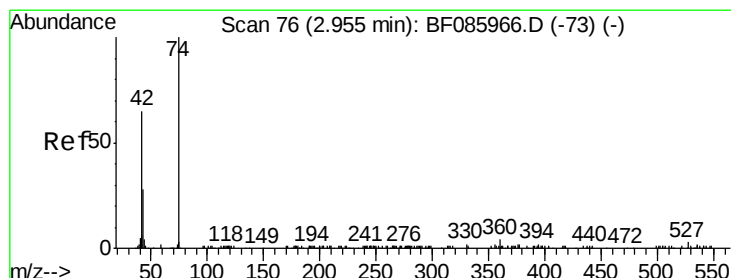
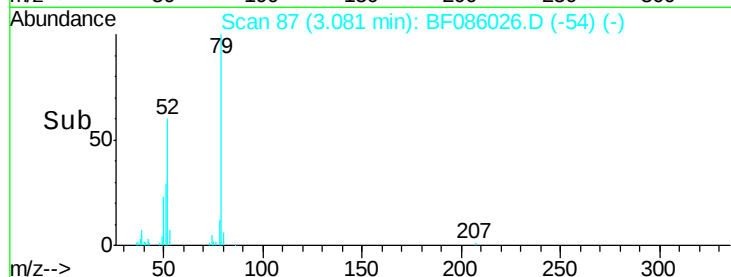
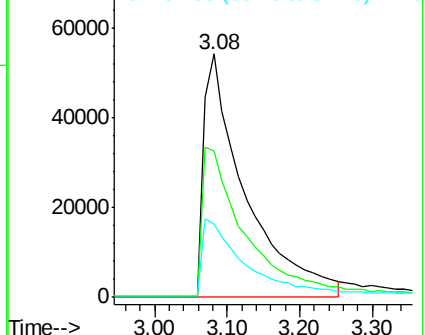
51 30.2 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.48 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.06 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

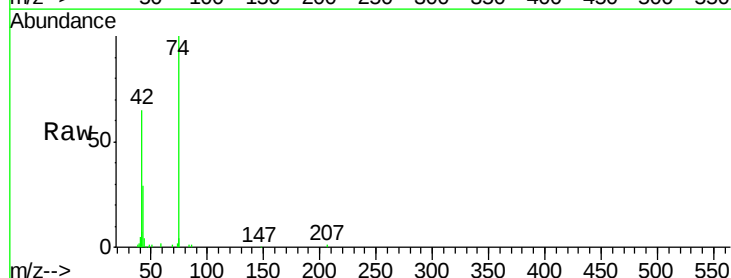
Tgt Ion: 42 Resp: 105134

Ion Ratio Lower Upper

42 100

74 152.9 121.4 182.2

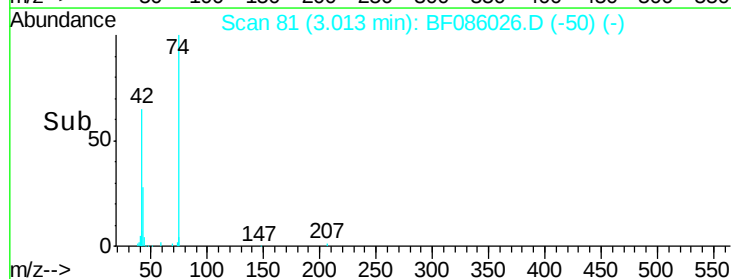
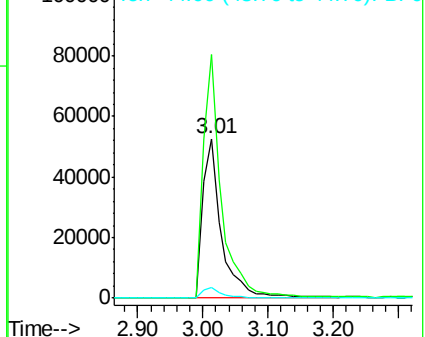
44 6.5 5.6 8.4

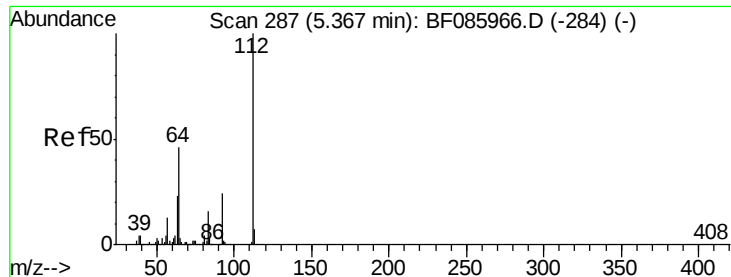


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.89 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

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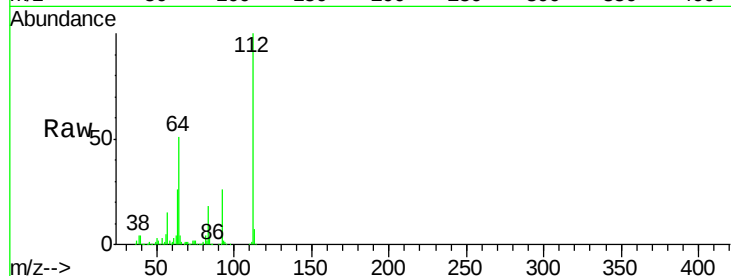
Tgt Ion: 112 Resp: 777496

Ion Ratio Lower Upper

112 100

64 51.5 39.9 59.9

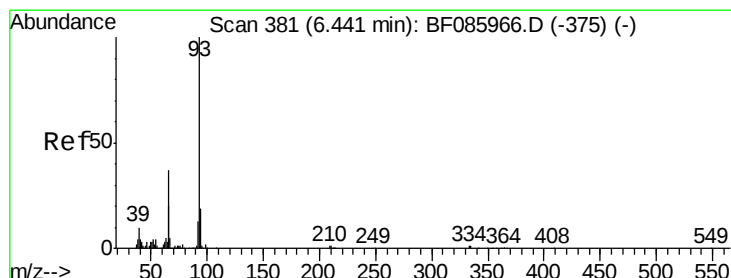
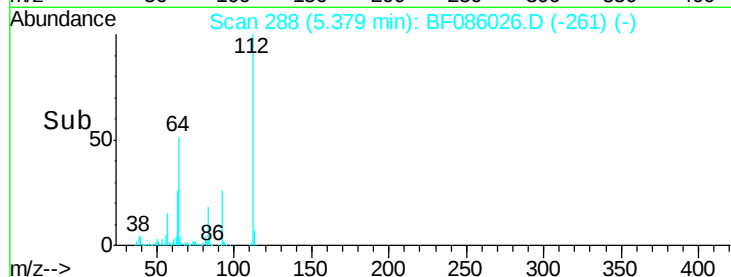
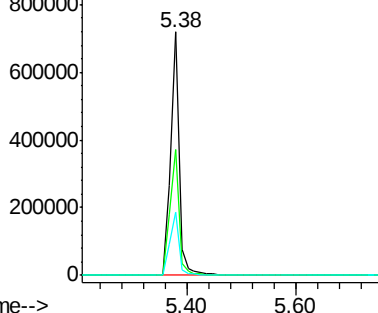
63 25.8 20.2 30.2



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: 20.48 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

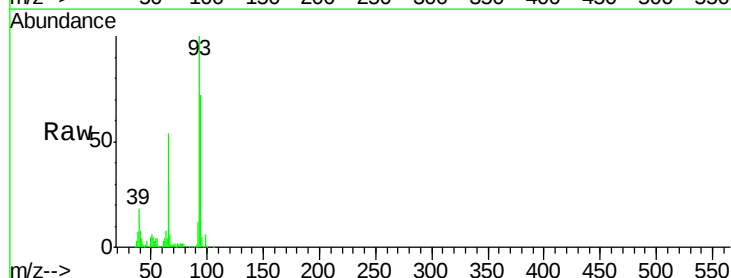
Tgt Ion: 93 Resp: 210779

Ion Ratio Lower Upper

93 100

66 54.2 31.4 47.2#

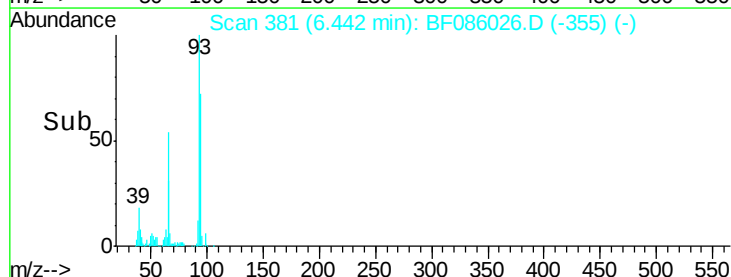
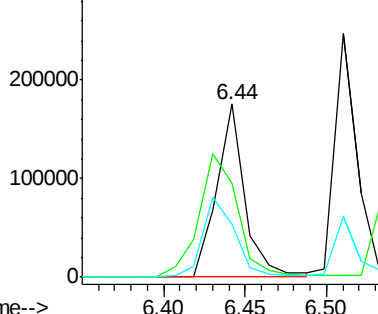
65 30.9 15.7 23.5#

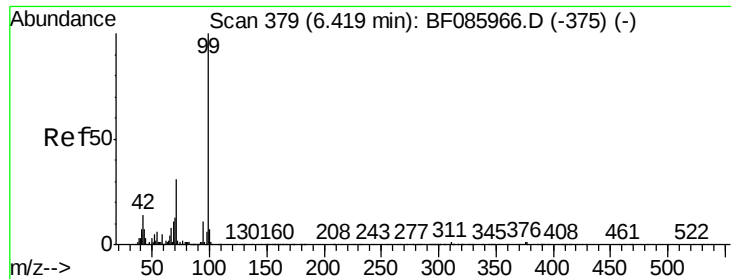


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.27 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

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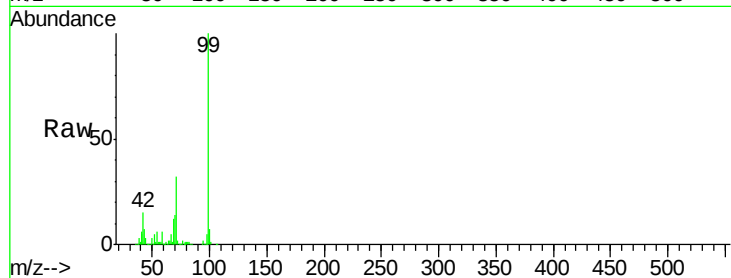
Tgt Ion: 99 Resp: 912097

Ion Ratio Lower Upper

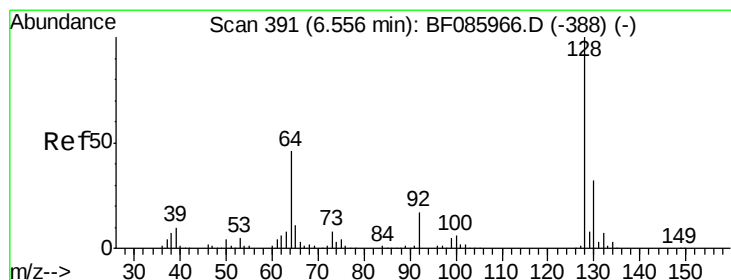
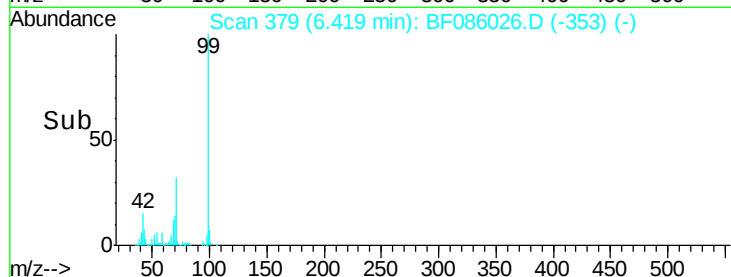
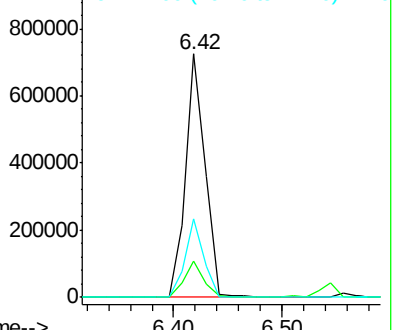
99 100

42 15.0 11.1 16.7

71 32.1 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: 34.52 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

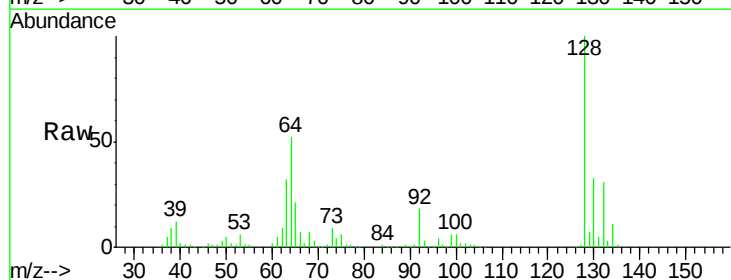
Tgt Ion: 128 Resp: 254229

Ion Ratio Lower Upper

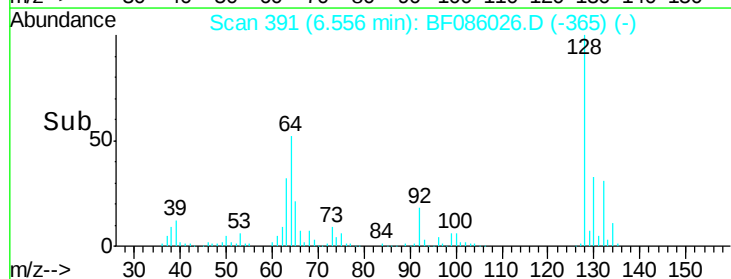
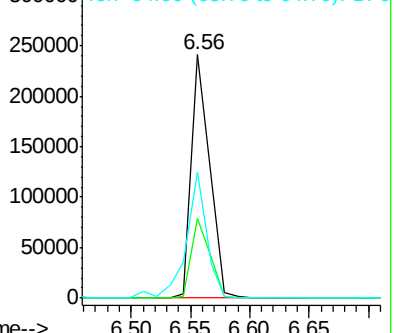
128 100

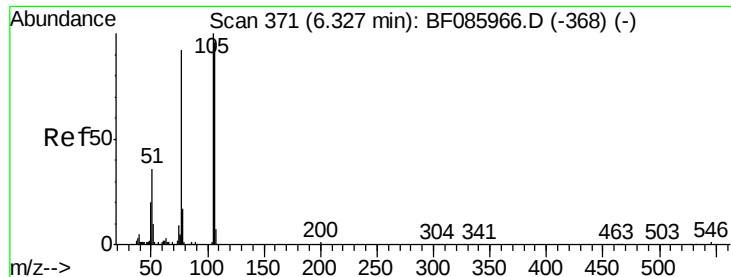
130 32.9 12.9 52.9

64 51.8 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: 29.54 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.01 min

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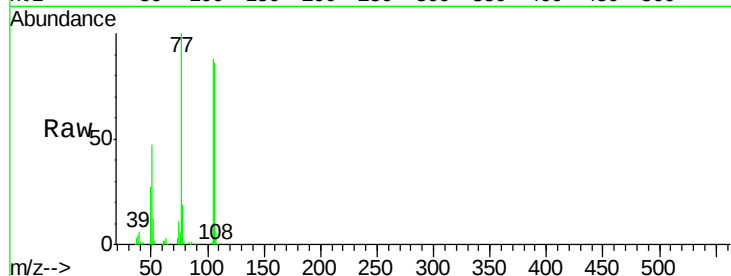
Tgt Ion: 77 Resp: 124700

Ion Ratio Lower Upper

77 100

105 88.0 80.1 120.1

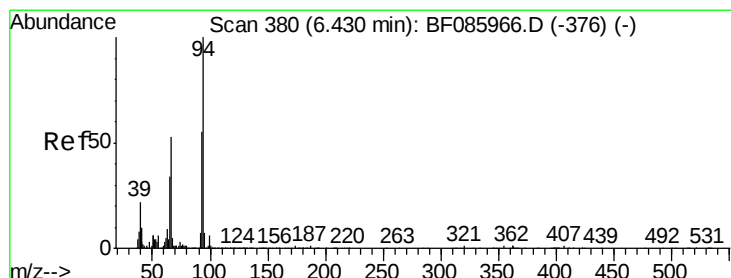
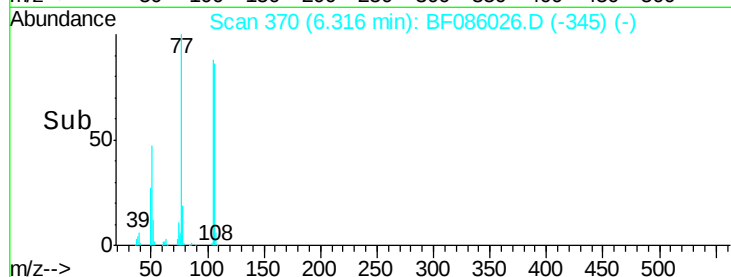
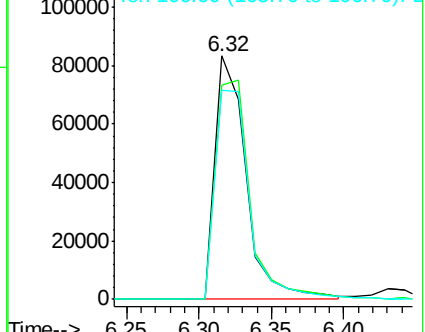
106 86.0 75.0 115.0



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: 31.23 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

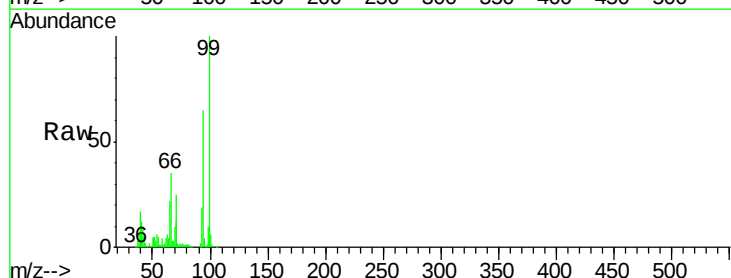
Tgt Ion: 94 Resp: 279417

Ion Ratio Lower Upper

94 100

65 34.5 8.6 48.6

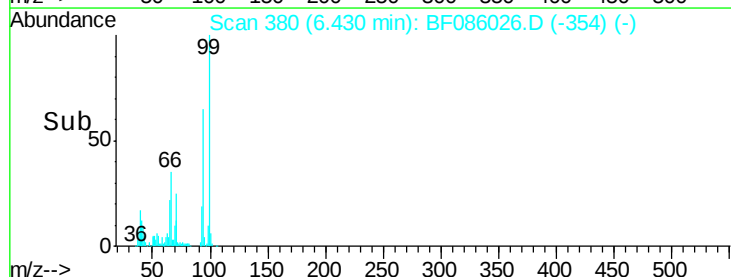
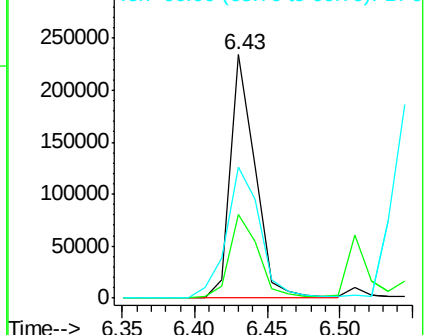
66 53.6 20.0 60.0

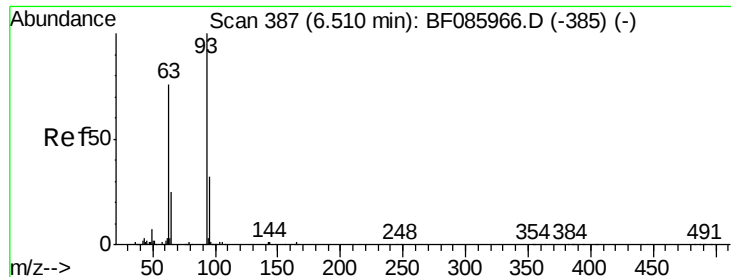


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

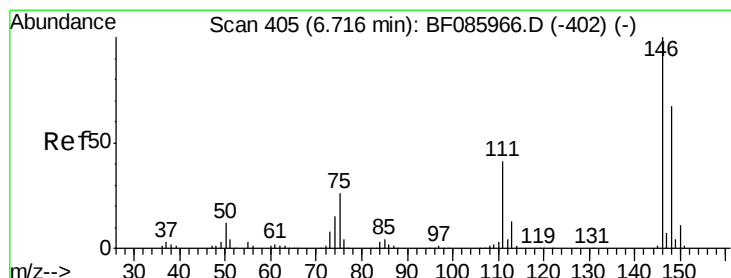
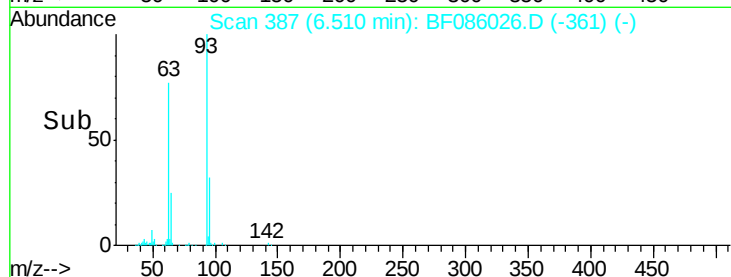
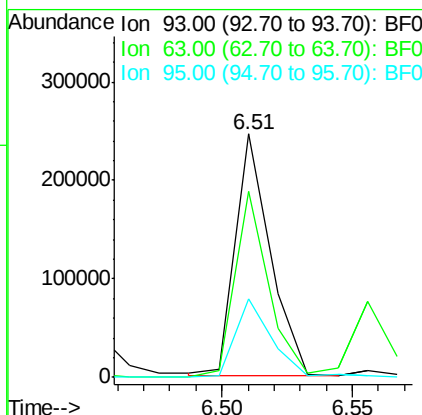
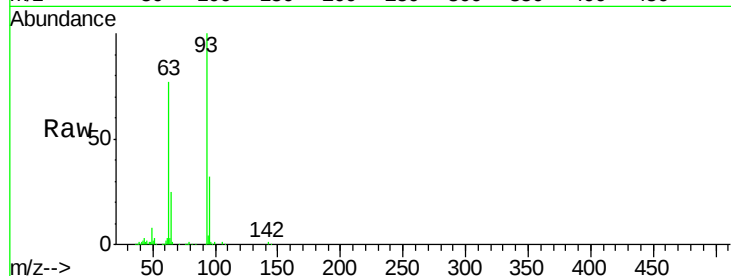




#11
 bis(2-Chloroethyl)ether
 Concen: 32.63 ng
 RT: 6.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

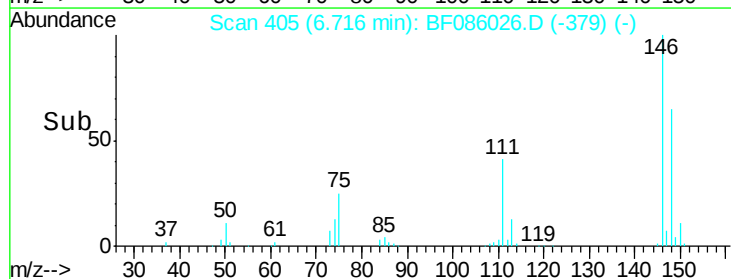
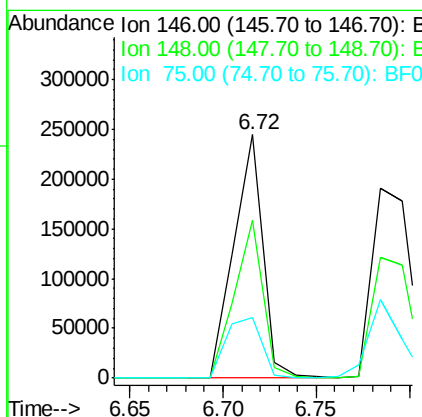
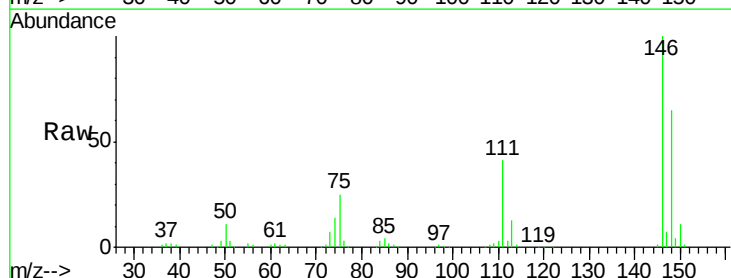
Instrument :
 BNA_F
 ClientSampleId :
 PB89347BS

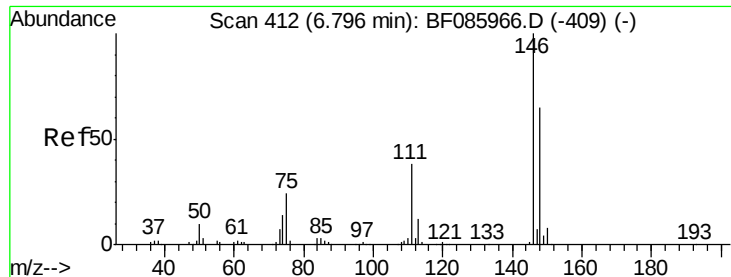
Tgt Ion: 93 Resp: 231213
 Ion Ratio Lower Upper
 93 100
 63 76.6 50.9 90.9
 95 32.0 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 34.13 ng
 RT: 6.72 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Tgt Ion: 146 Resp: 266442
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.3 78.5
 75 24.9 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 33.08 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

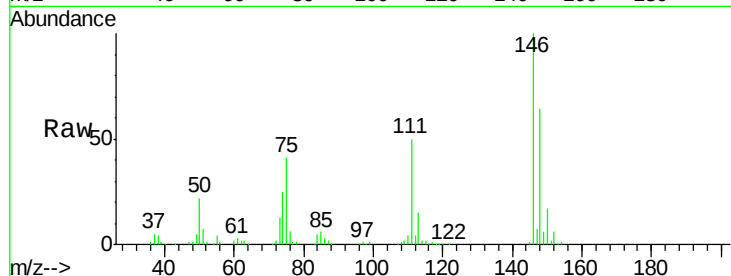
Tgt Ion:146 Resp: 266035

Ion Ratio Lower Upper

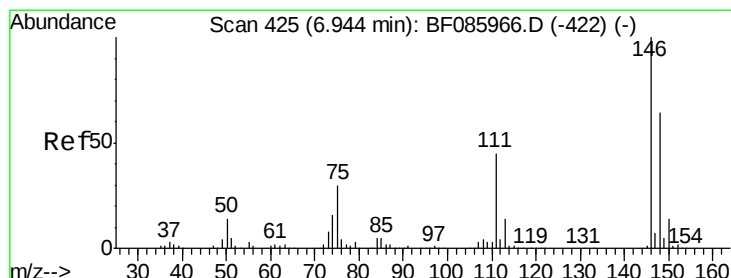
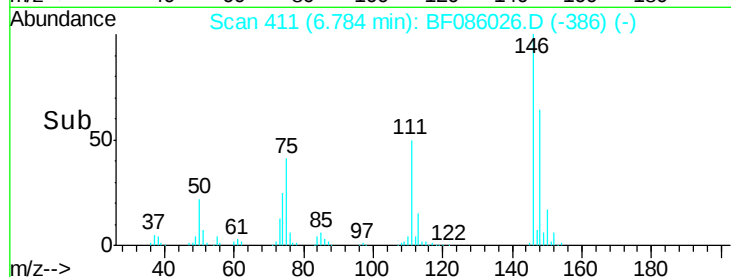
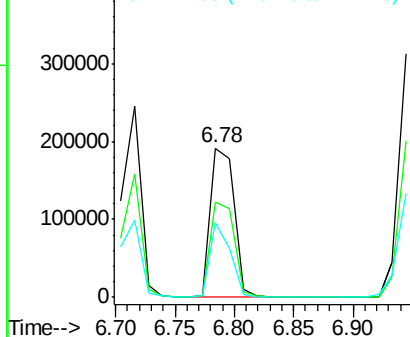
146 100

148 63.5 50.6 76.0

111 49.8 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: 35.54 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

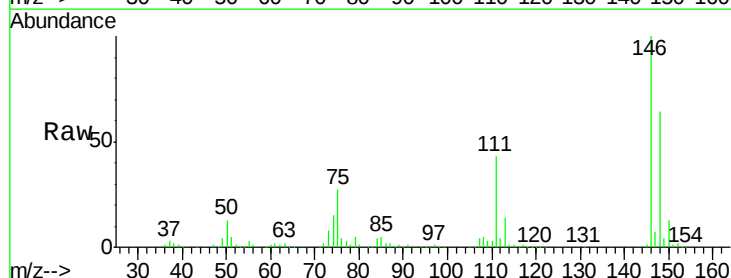
Tgt Ion:146 Resp: 263063

Ion Ratio Lower Upper

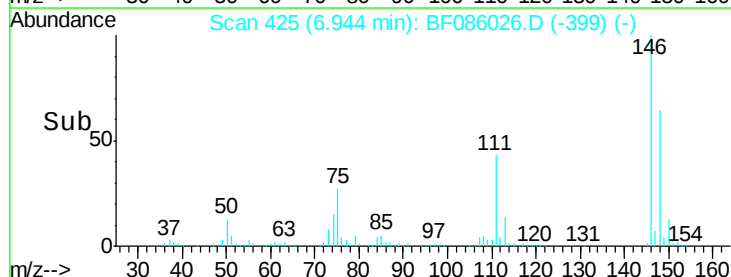
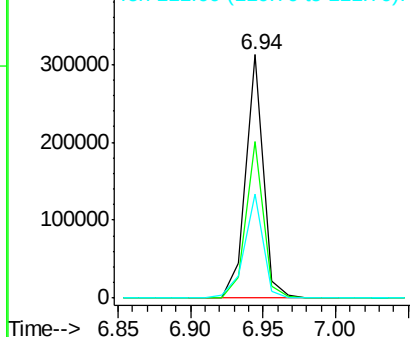
146 100

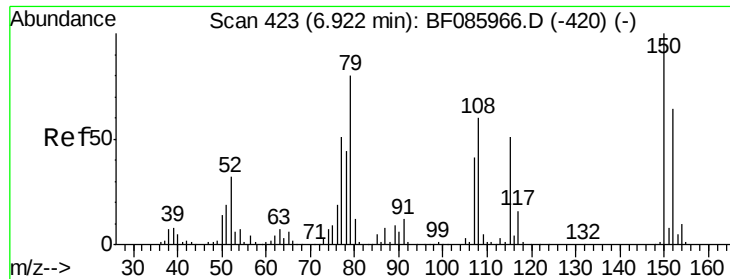
148 64.2 51.4 77.2

111 43.0 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: 37.68 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampled :

PB89347BS

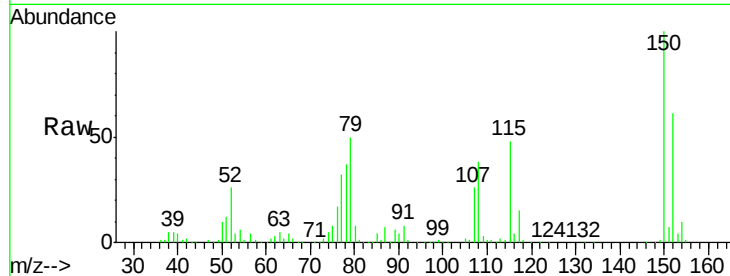
Tgt Ion: 79 Resp: 191209

Ion Ratio Lower Upper

79 100

108 74.7 61.8 92.6

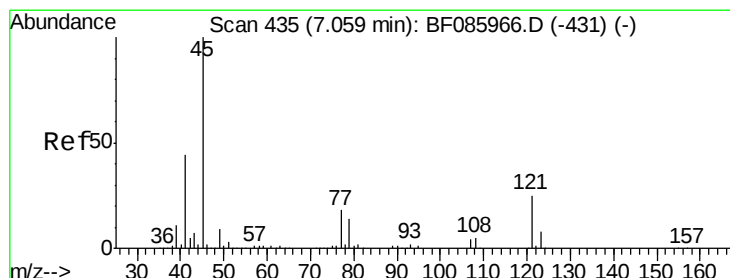
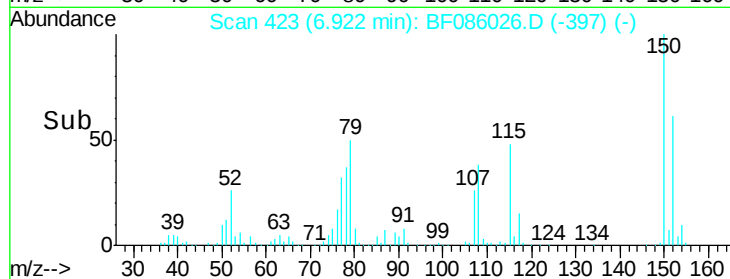
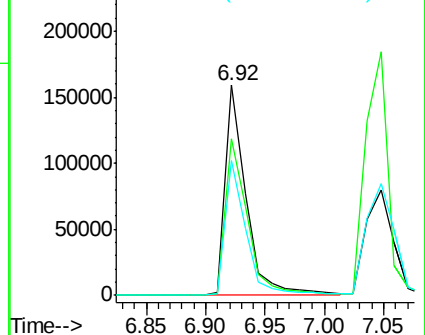
77 64.3 49.6 74.4



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: 34.21 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

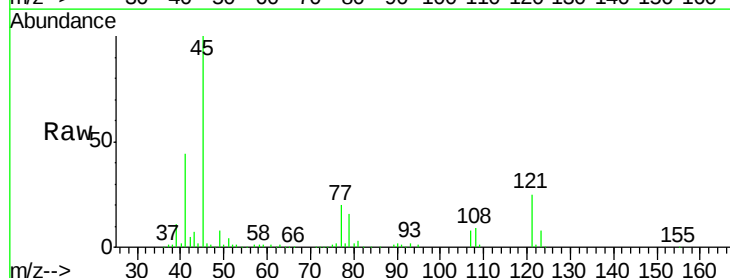
Tgt Ion: 45 Resp: 296102

Ion Ratio Lower Upper

45 100

77 19.7 0.0 35.7

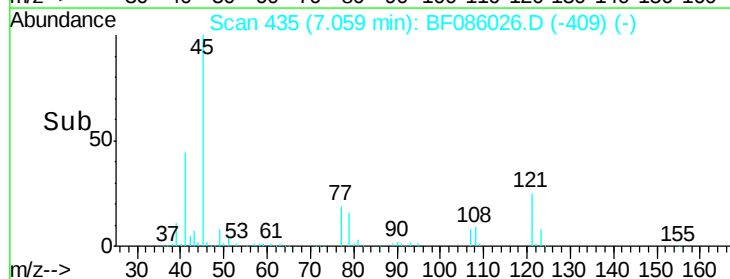
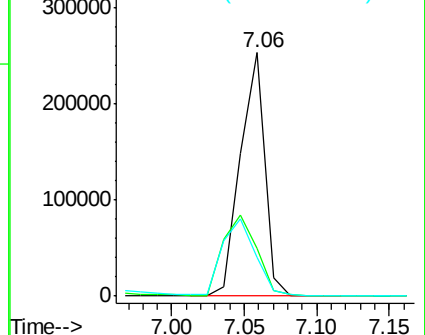
79 15.9 0.0 32.2

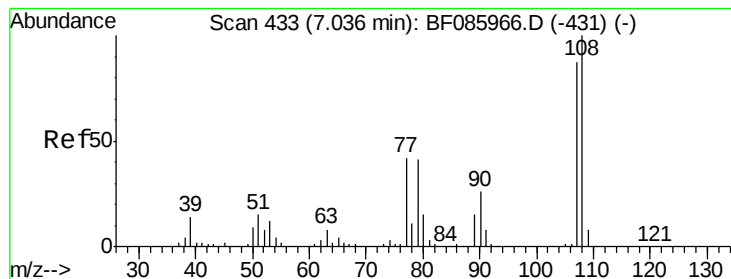


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.03 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

Tgt Ion:107 Resp: 209212

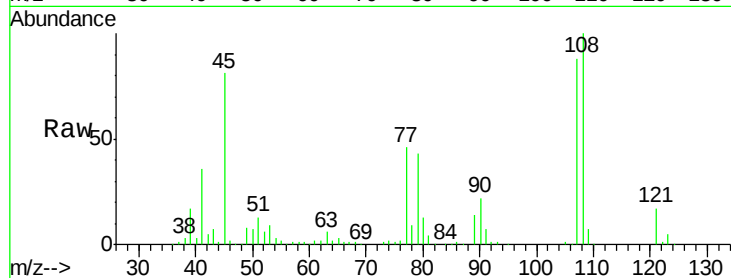
Ion Ratio Lower Upper

107 100

108 113.5 91.4 137.0

77 52.3 36.2 54.2

79 49.2 35.8 53.8

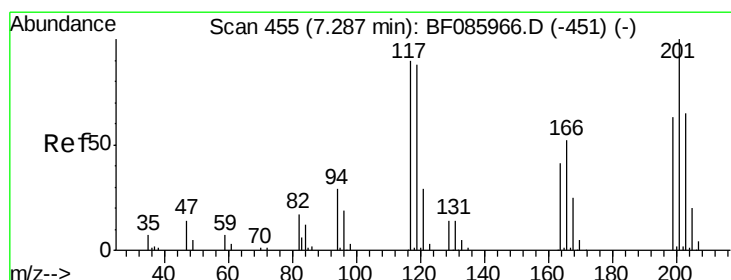
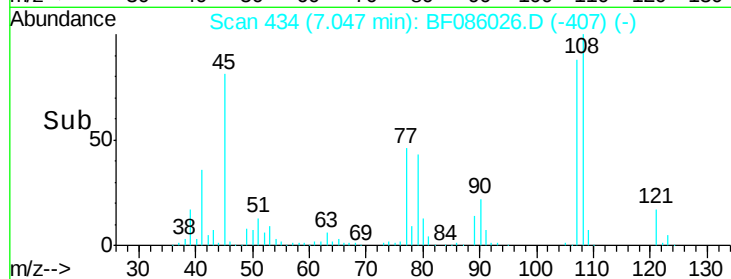
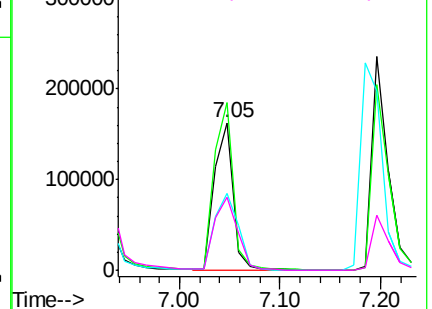


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.92 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

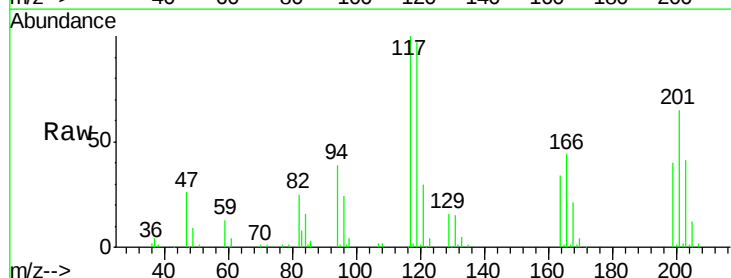
Tgt Ion:117 Resp: 97382

Ion Ratio Lower Upper

117 100

119 97.4 76.7 115.1

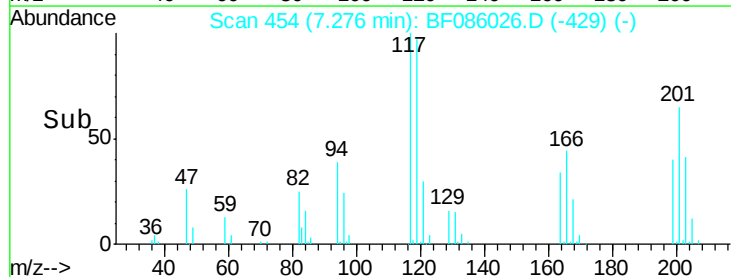
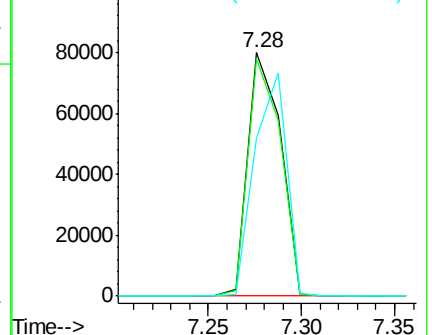
201 65.0 83.3 124.9#

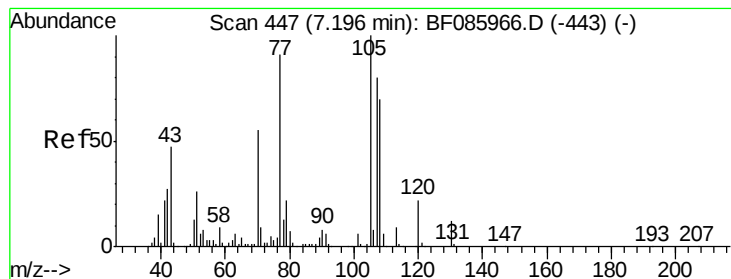


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.16 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

Tgt Ion: 70 Resp: 180692

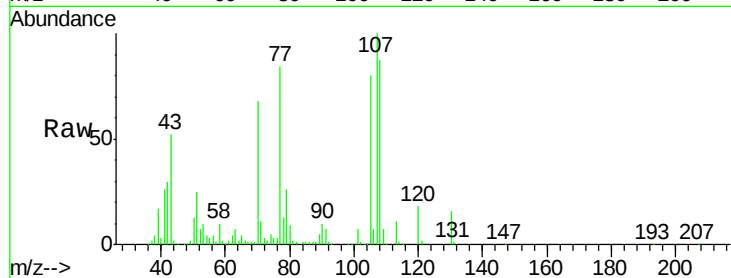
Ion Ratio Lower Upper

70 100

42 45.0 37.1 55.7

101 10.3 8.6 12.8

130 23.3 19.6 29.4



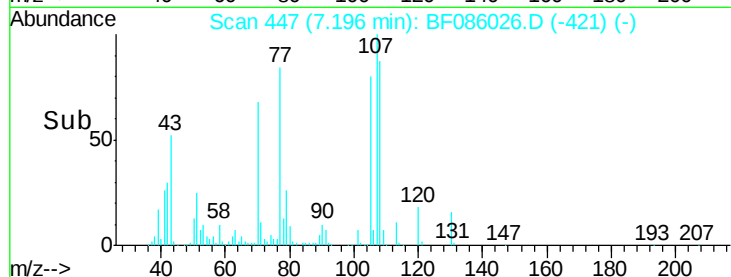
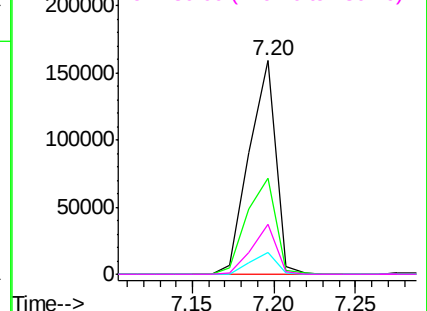
Abundance

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): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 38.16 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Tgt Ion: 107 Resp: 269521

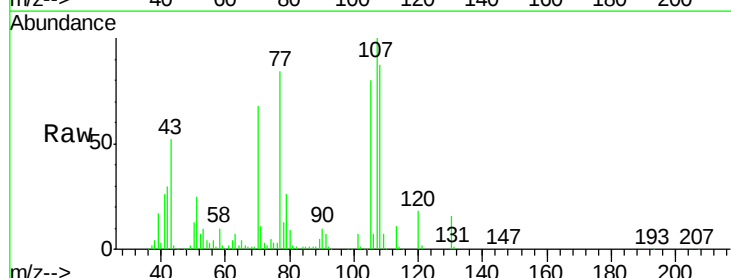
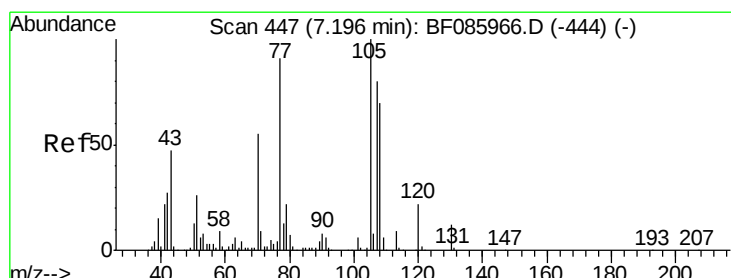
Ion Ratio Lower Upper

107 100

108 87.0 69.3 109.3

77 84.1 101.7 141.7#

79 26.0 8.3 48.3



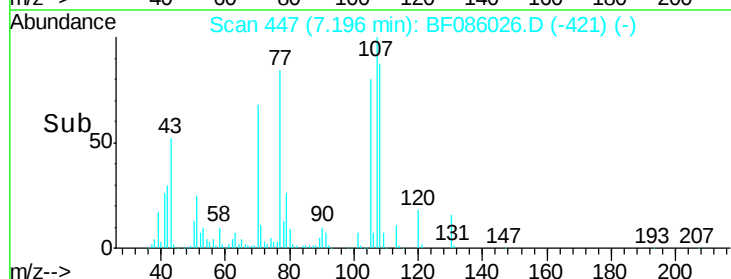
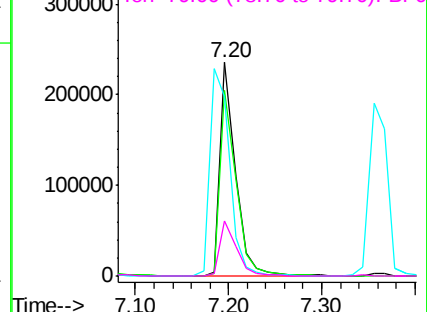
Abundance

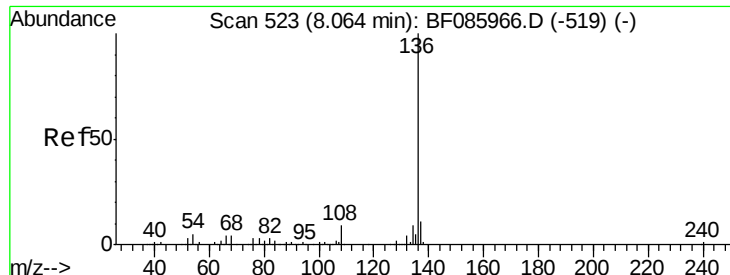
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

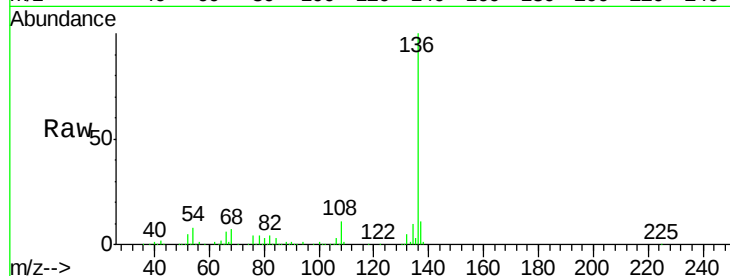




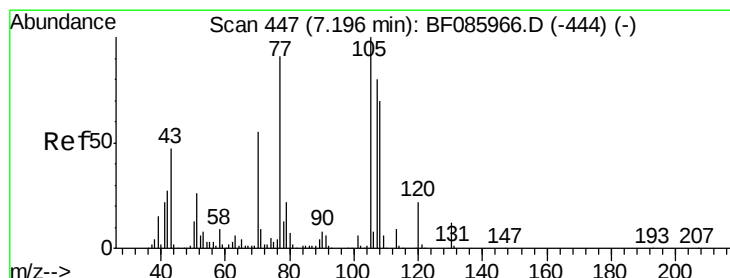
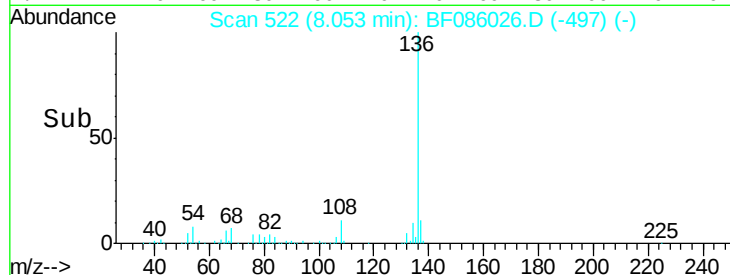
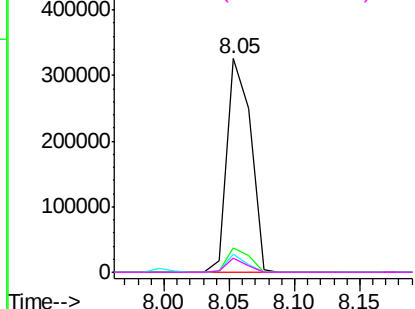
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

Instrument :
BNA_F
ClientSampleId :
PB89347BS

Tgt Ion:	136	Resp:	410292
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.3	7.4	11.0
68	6.9	5.8	8.8

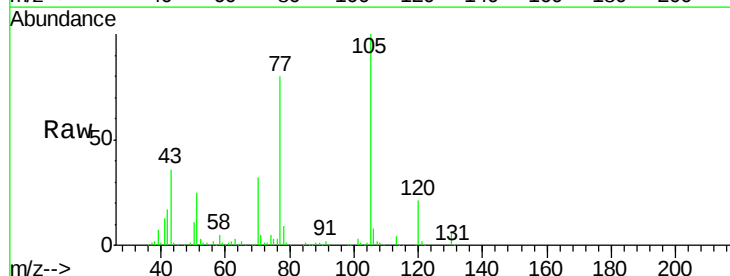


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

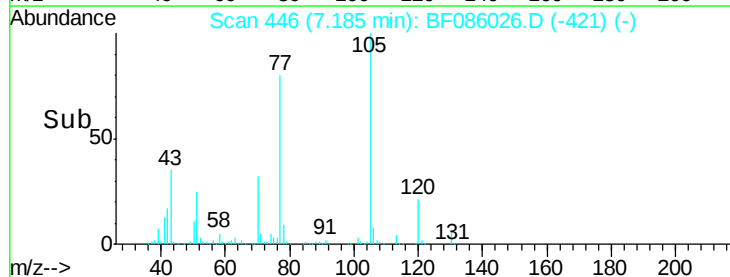
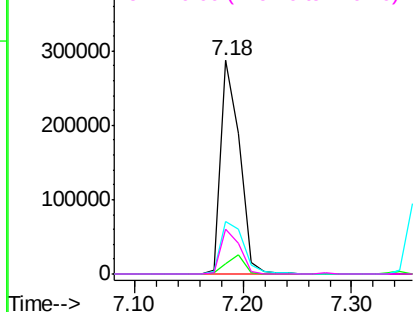


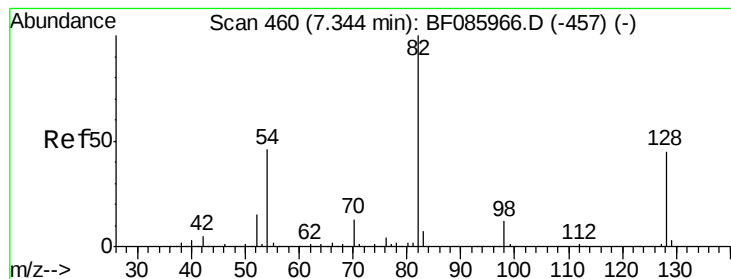
#22
Acetophenone
Concen: 35.80 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

Tgt Ion:	105	Resp:	345316
Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.6	5.4
51	24.9	25.4	38.0#
120	21.0	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.79 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

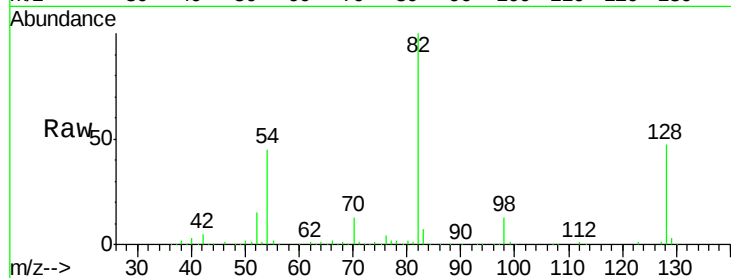
Tgt Ion: 82 Resp: 589915

Ion Ratio Lower Upper

82 100

128 46.7 41.8 62.8

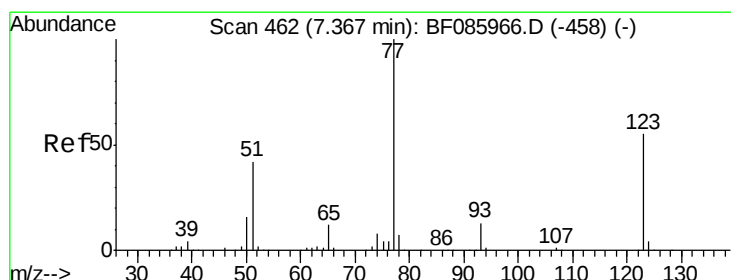
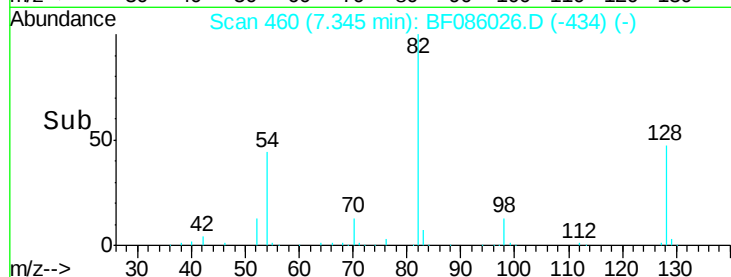
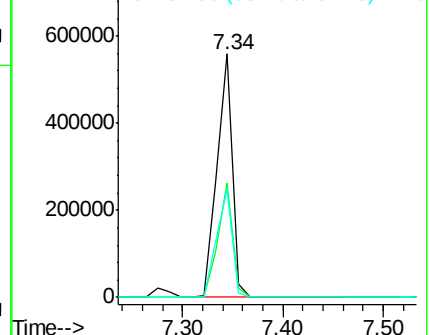
54 44.6 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 33.84 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

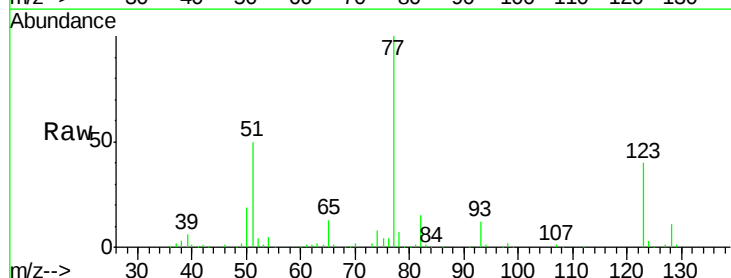
Tgt Ion: 77 Resp: 257570

Ion Ratio Lower Upper

77 100

123 40.2 35.0 52.4

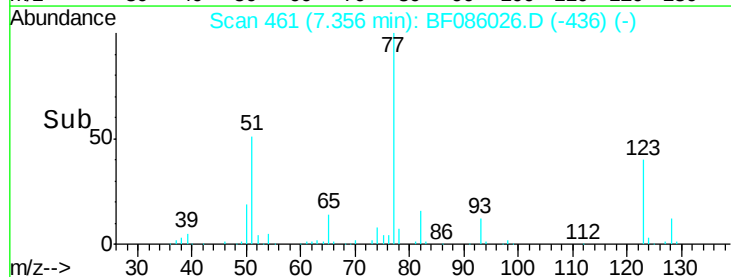
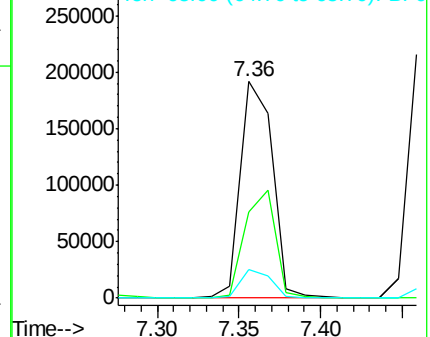
65 13.2 10.6 16.0

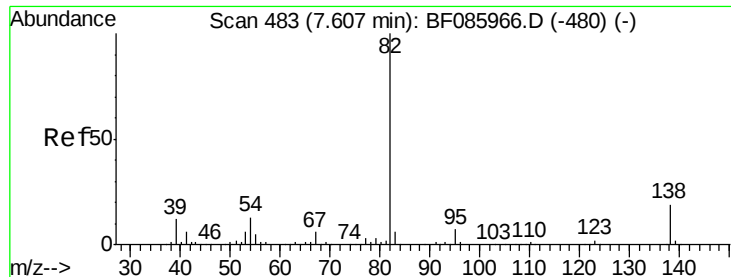


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.05 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

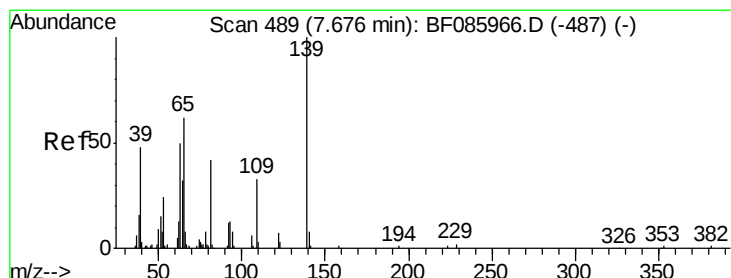
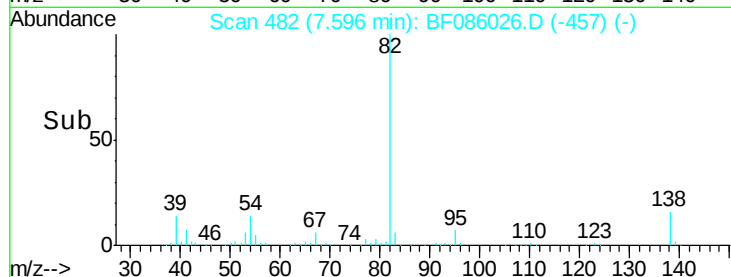
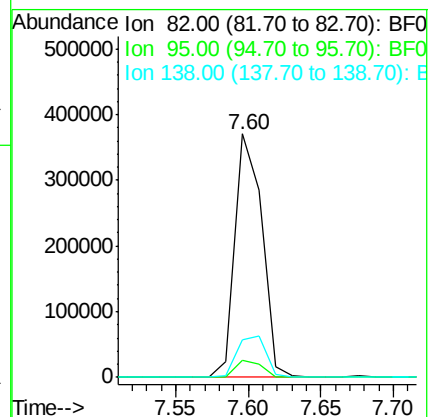
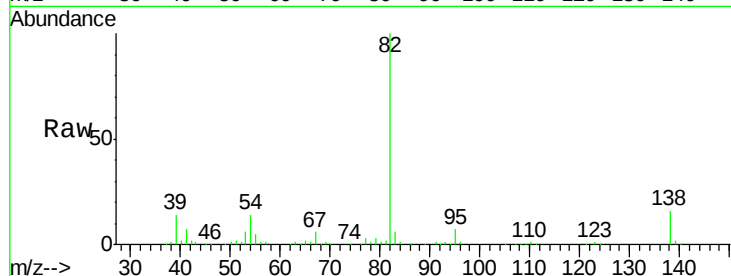
Tgt Ion: 82 Resp: 481364

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 15.6 12.9 19.3



#26

2-Nitrophenol

Concen: 36.24 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

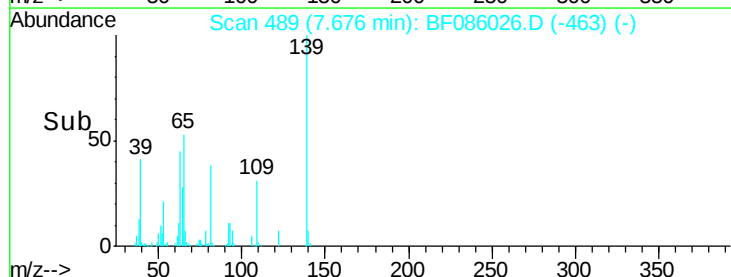
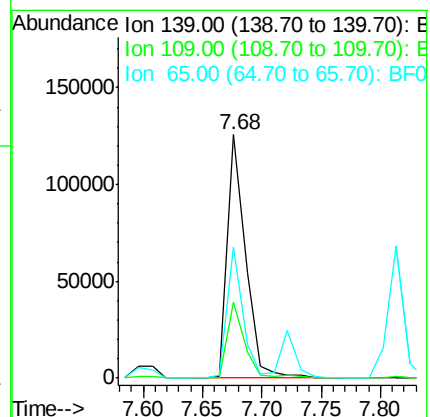
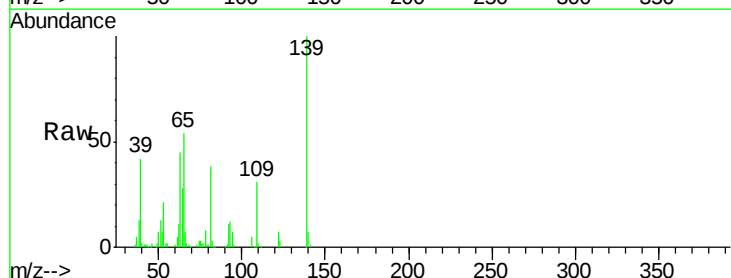
Tgt Ion: 139 Resp: 131959

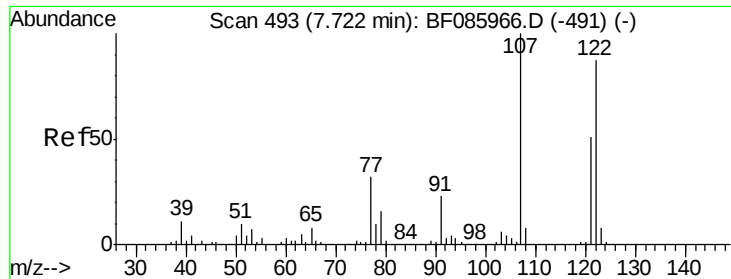
Ion Ratio Lower Upper

139 100

109 30.9 22.1 33.1

65 53.9 33.9 50.9#

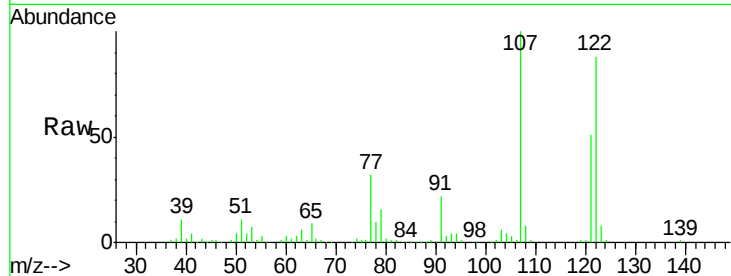




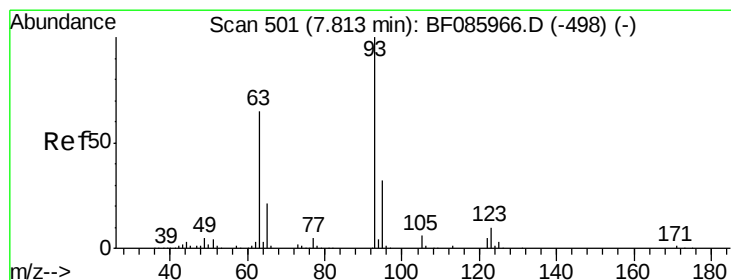
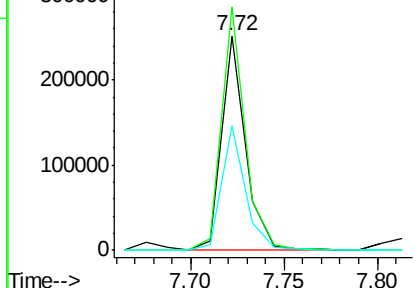
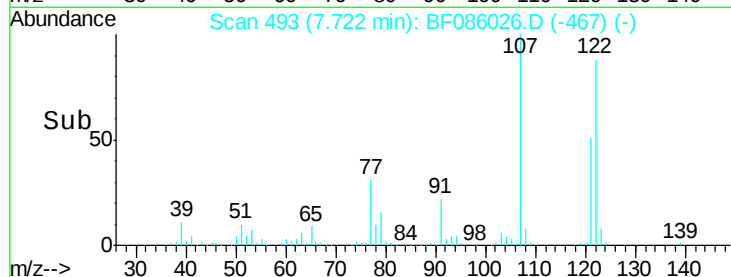
#27
 2,4-Dimethylphenol
 Concen: 34.48 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 PB89347BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.4	93.0	139.6
121	57.9	45.9	68.9

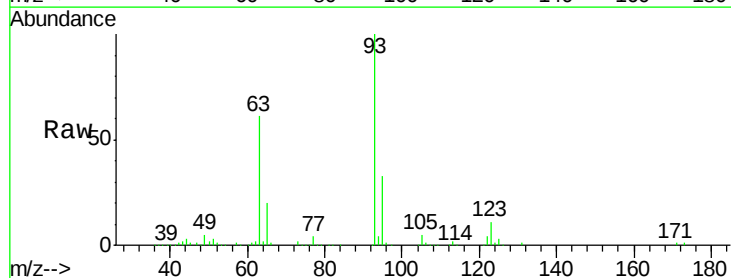


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

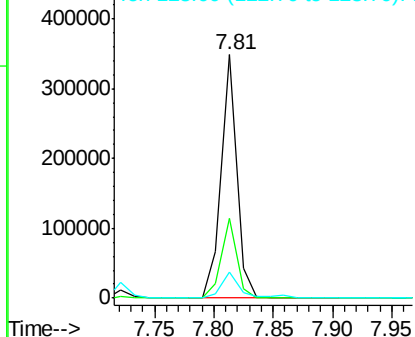
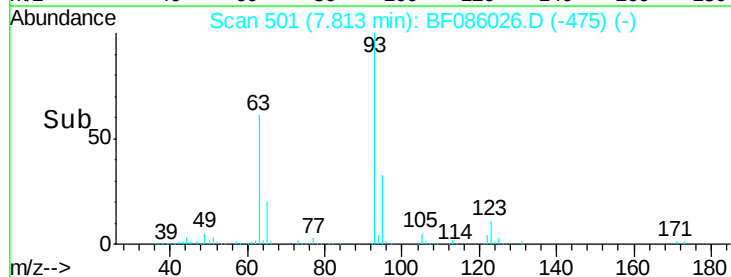


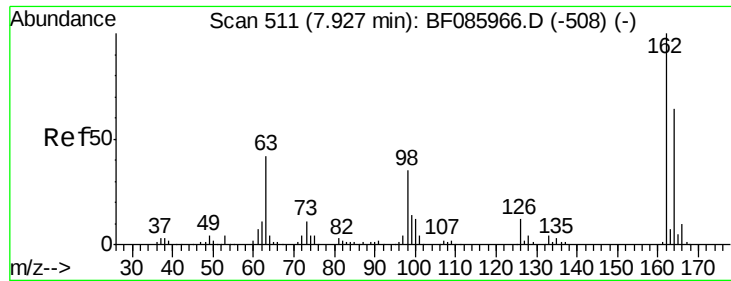
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.48 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	10.8	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

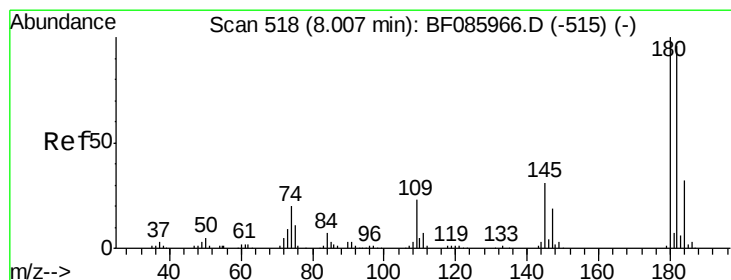
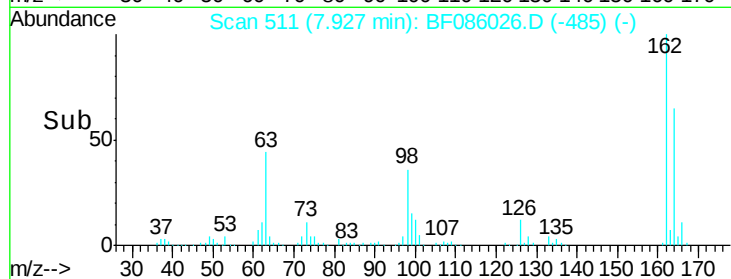
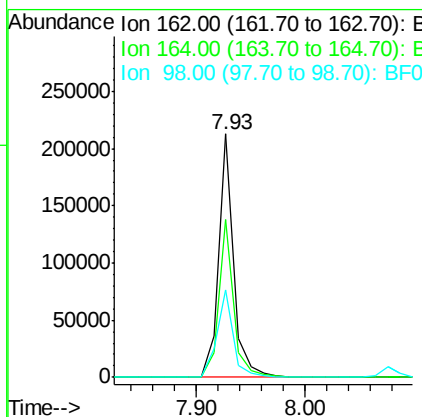
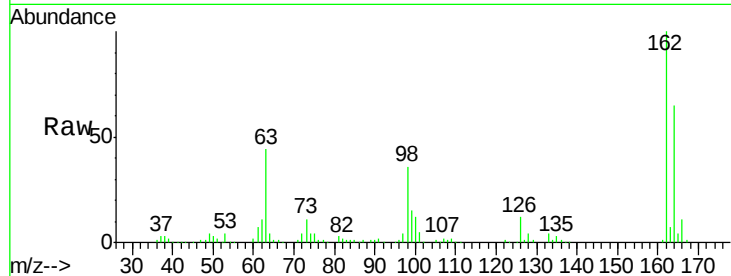




#29
 2,4-Dichlorophenol
 Concen: 37.10 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

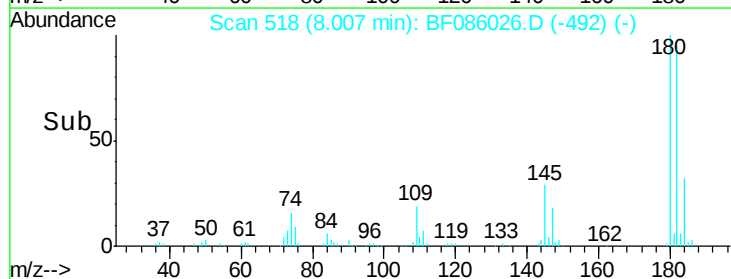
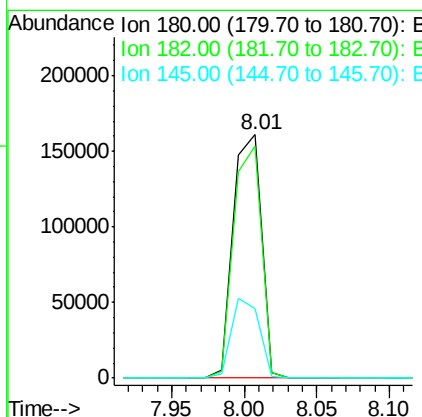
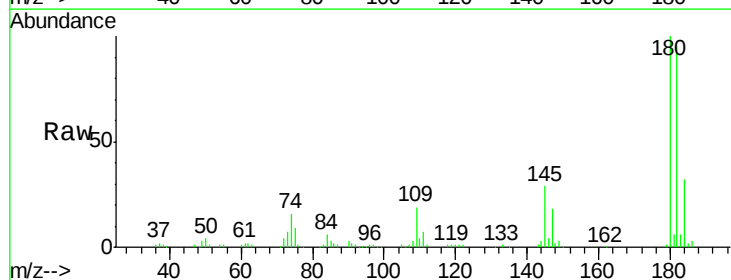
Instrument :
 BNA_F
 ClientSampled :
 PB89347BS

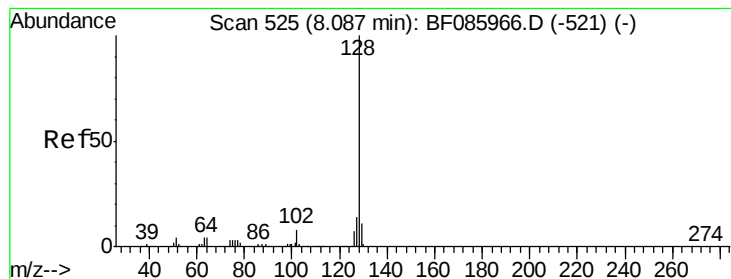
Tgt Ion:162 Resp: 205153
 Ion Ratio Lower Upper
 162 100
 164 65.0 43.7 83.7
 98 35.7 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 35.20 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Tgt Ion:180 Resp: 218492
 Ion Ratio Lower Upper
 180 100
 182 95.4 73.8 110.8
 145 28.8 28.4 42.6





#31

Naphthalene

Concen: 34.78 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

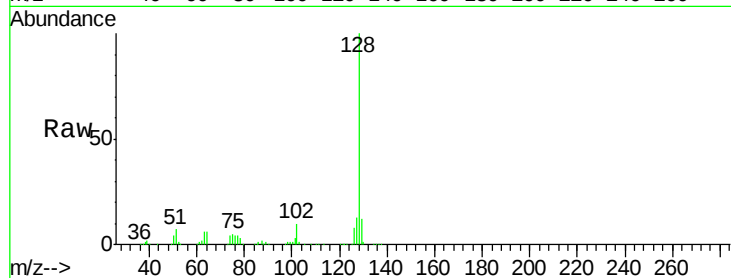
Tgt Ion:128 Resp: 717867

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

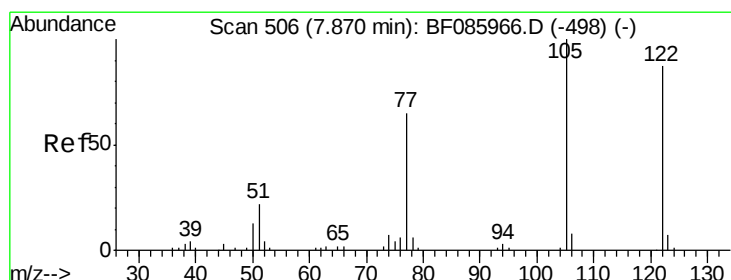
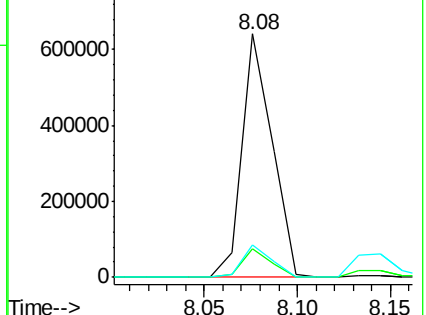
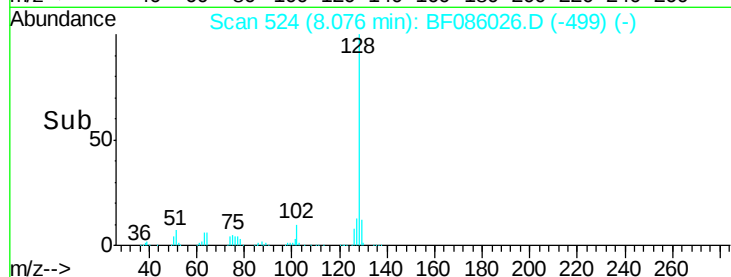
127 13.4 11.0 16.6



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: 27.92 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

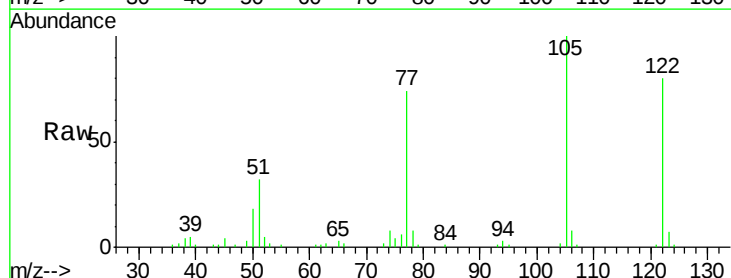
Tgt Ion:122 Resp: 133970

Ion Ratio Lower Upper

122 100

105 125.5 102.9 142.9

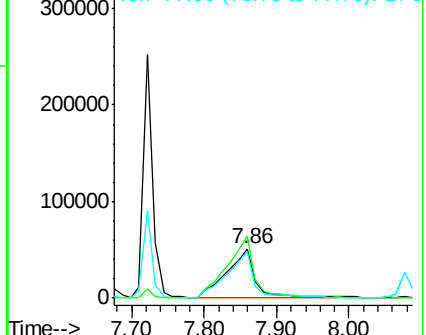
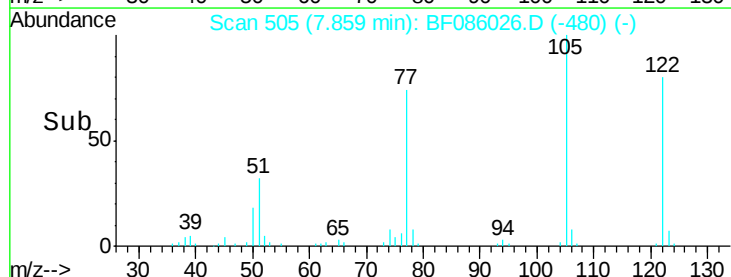
77 93.3 71.8 111.8

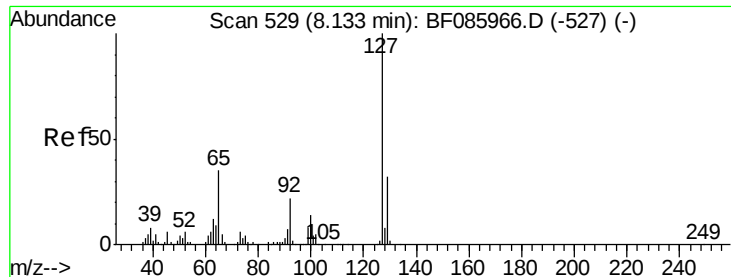


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

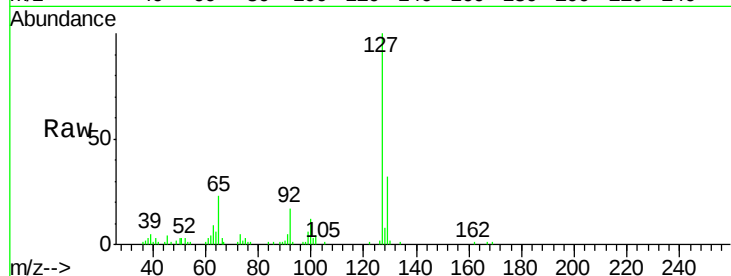




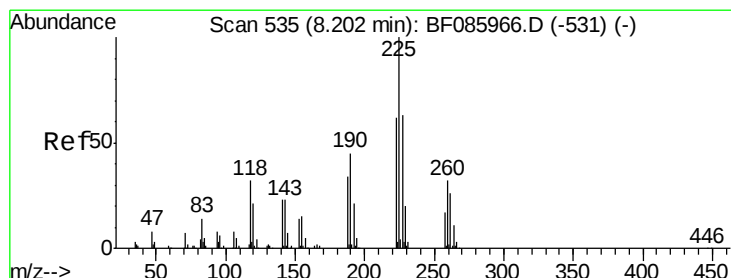
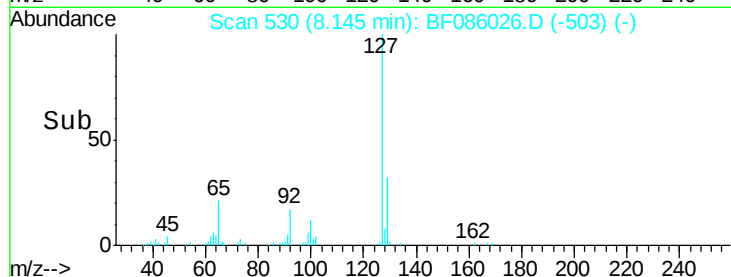
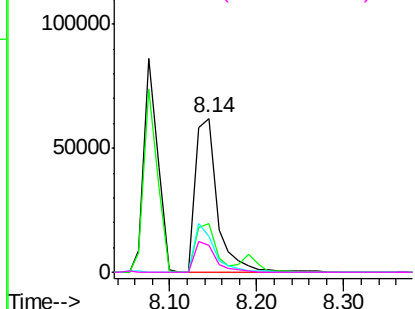
#33
4-Chloroaniline
Concen: 12.94 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

Instrument :
BNA_F
ClientSampleId :
PB89347BS

Tgt Ion:	127	Resp:	107887
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	23.5	19.5	29.3
92	17.1	14.6	22.0

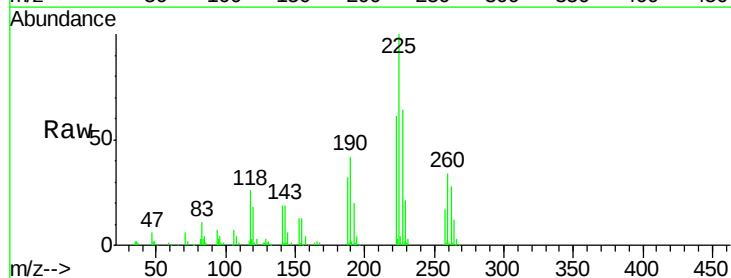


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

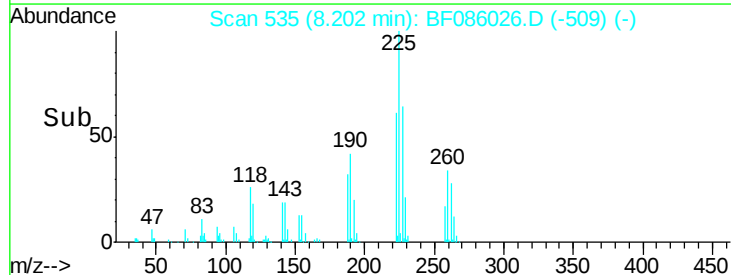
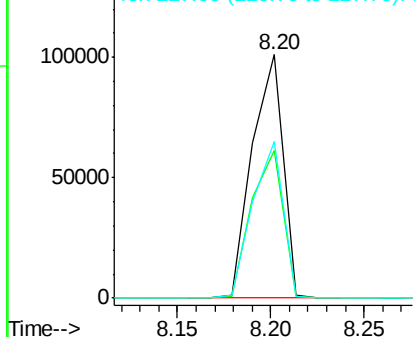


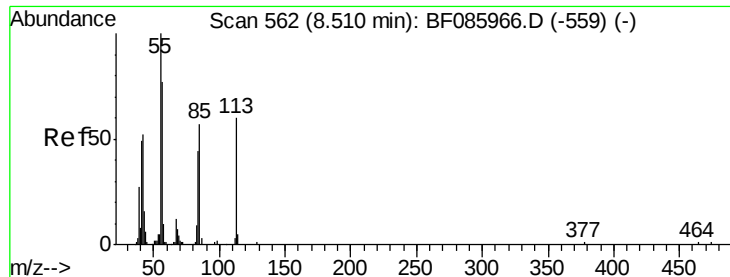
#34
Hexachlorobutadiene
Concen: 34.57 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

Tgt Ion:	225	Resp:	115354
Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.4	75.6
227	64.1	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

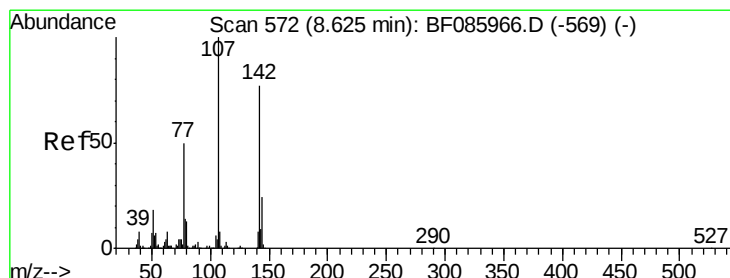
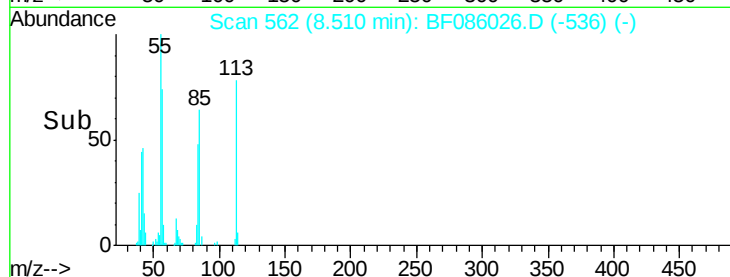
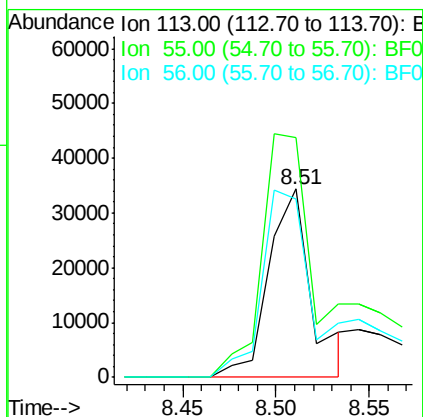
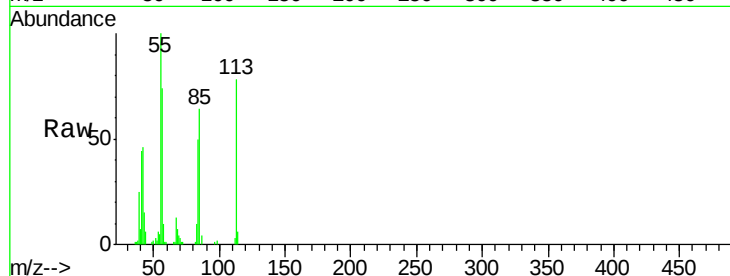




#35
 Caprolactam
 Concen: 31.15 ng
 RT: 8.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

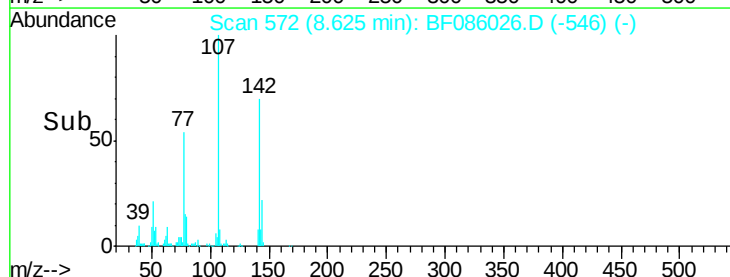
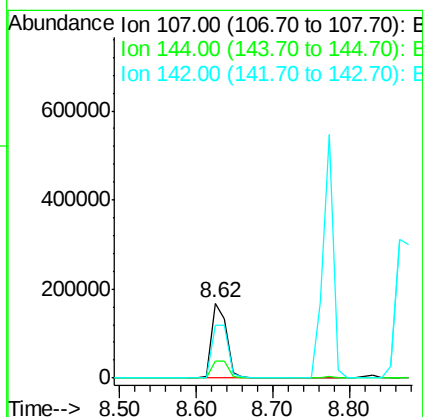
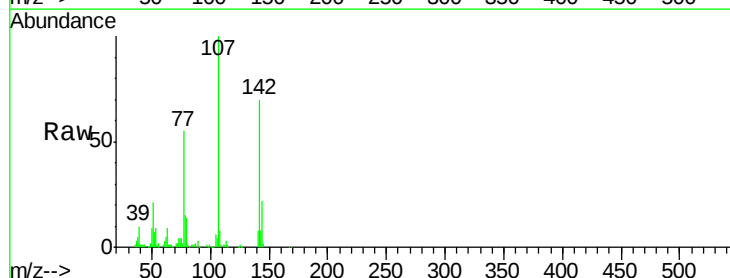
Instrument :
 BNA_F
 ClientSampleId :
 PB89347BS

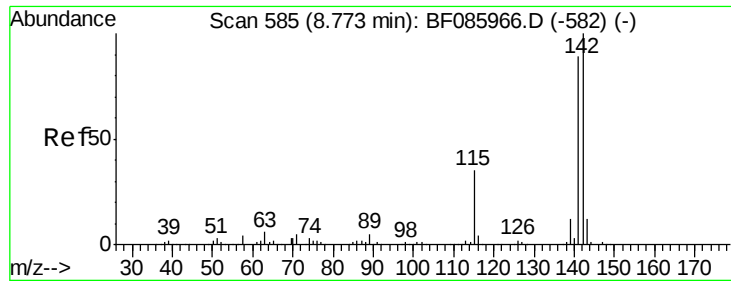
Tgt Ion:113 Resp: 54640
 Ion Ratio Lower Upper
 113 100
 55 127.6 139.4 179.4#
 56 95.0 100.4 140.4#



#36
 4-Chloro-3-methylphenol
 Concen: 36.06 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Tgt Ion:107 Resp: 224135
 Ion Ratio Lower Upper
 107 100
 144 22.4 19.3 28.9
 142 69.9 61.4 92.0





#37

2-Methylnaphthalene

Concen: 37.66 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

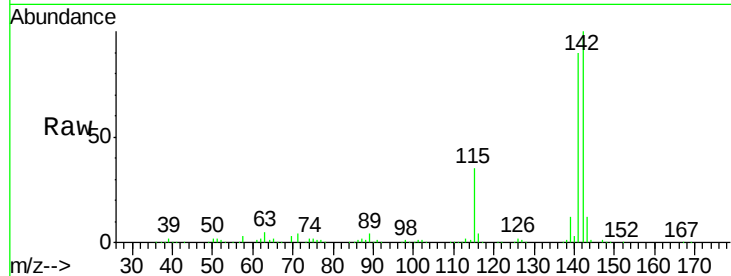
Tgt Ion:142 Resp: 507668

Ion Ratio Lower Upper

142 100

141 89.7 71.6 107.4

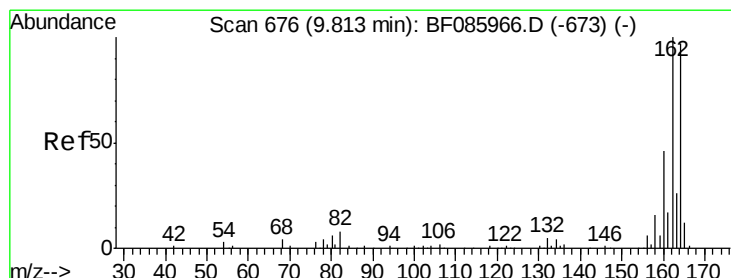
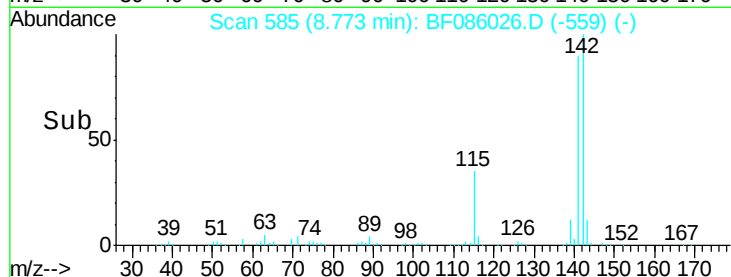
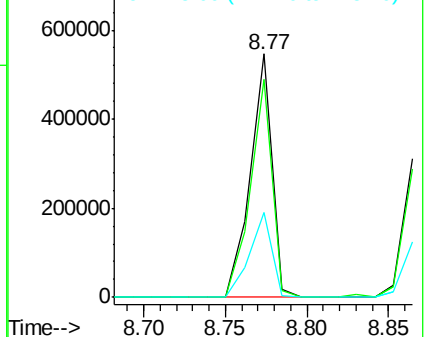
115 34.7 26.8 40.2



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: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

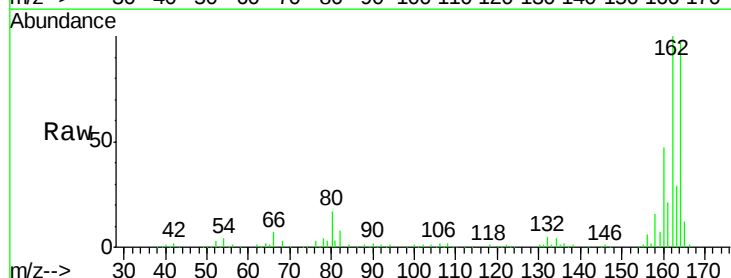
Tgt Ion:164 Resp: 198276

Ion Ratio Lower Upper

164 100

162 102.7 82.1 123.1

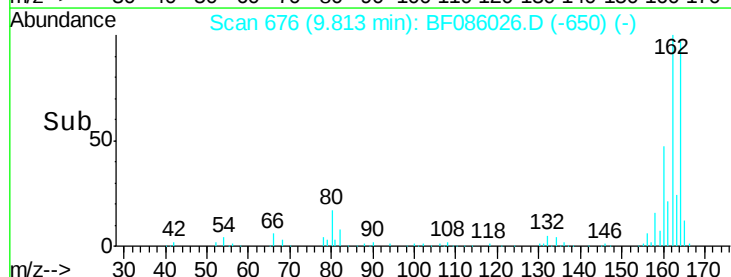
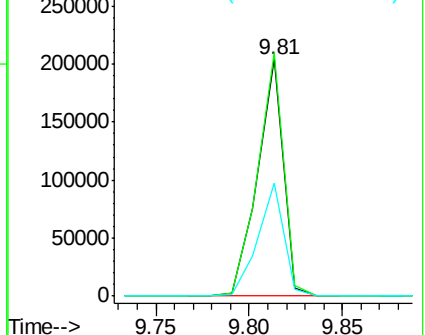
160 47.8 37.4 56.2

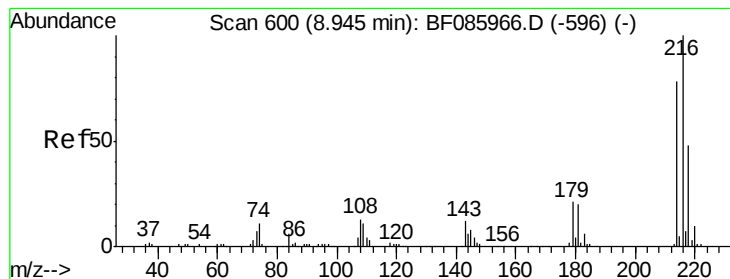


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

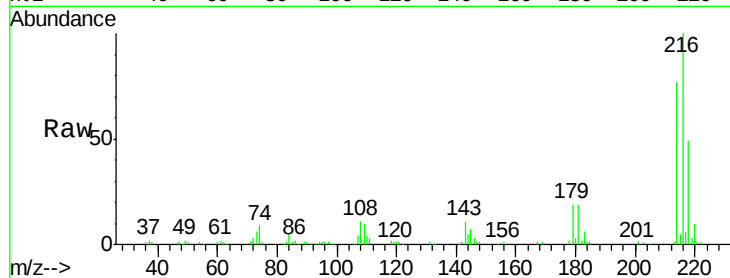




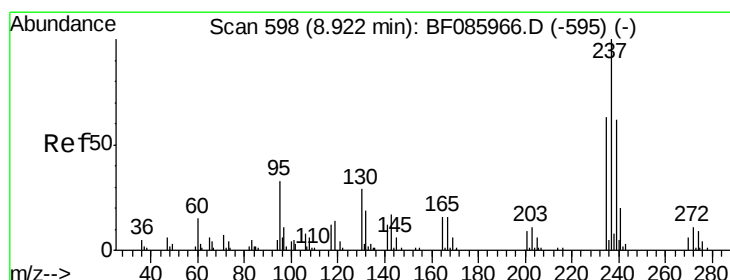
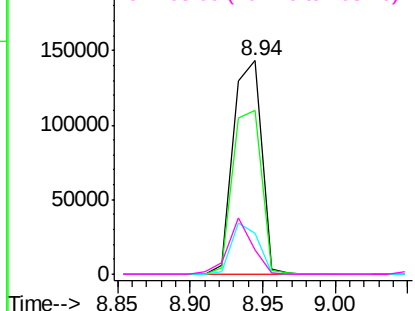
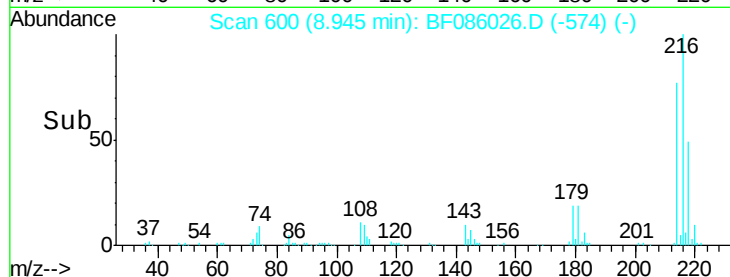
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.61 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 PB89347BS

Tgt Ion:	216	Resp:	194307
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.1	94.7
179	22.6	18.2	27.2
108	22.5	17.3	25.9

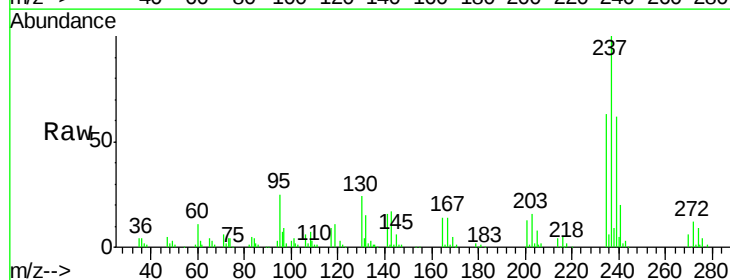


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

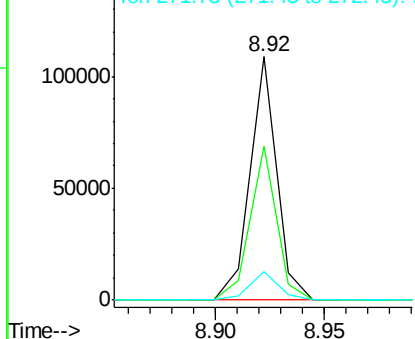
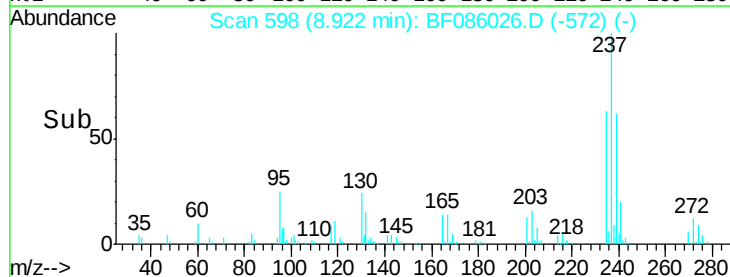


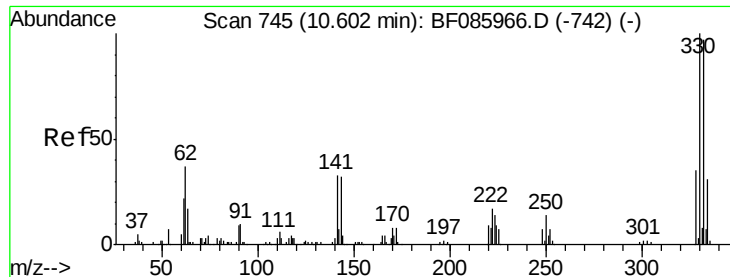
#40
 Hexachlorocyclopentadiene
 Concen: 50.99 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Tgt Ion:	237	Resp:	92478
Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.7	83.7
272	11.7	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

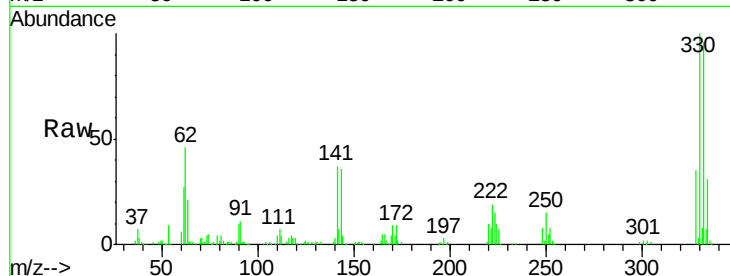




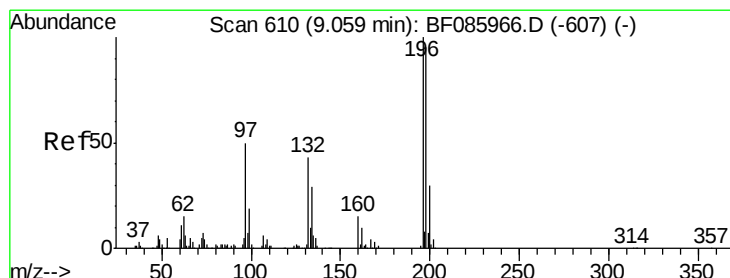
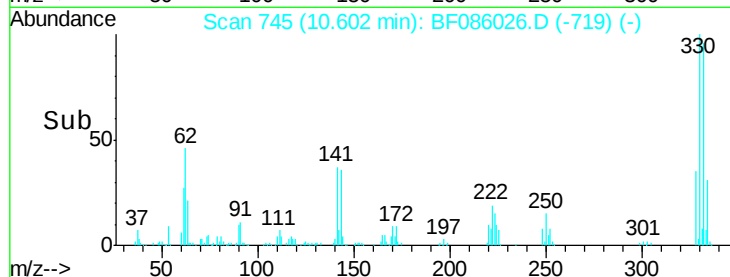
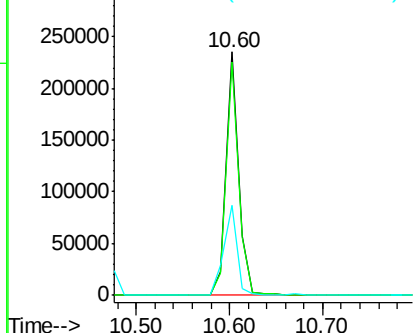
#41
 2,4,6-Tribromophenol
 Concen: 119.96 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 PB89347BS

Tgt Ion:330 Resp: 223249
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 38.4 31.5 47.3

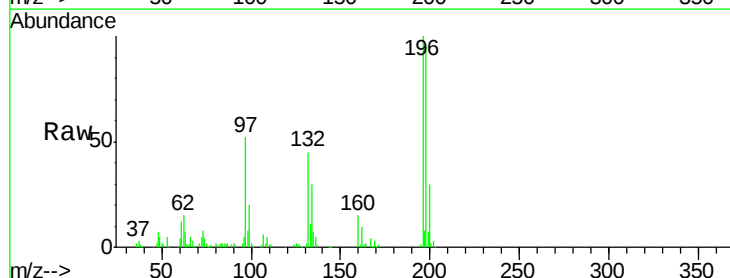


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

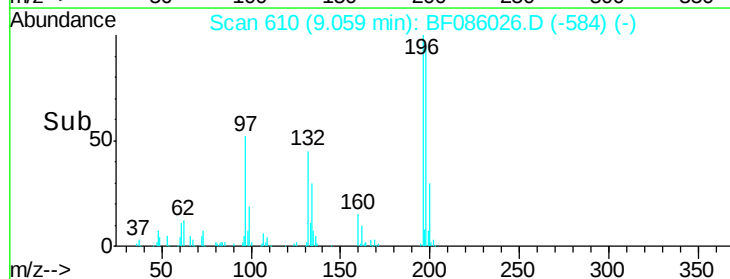
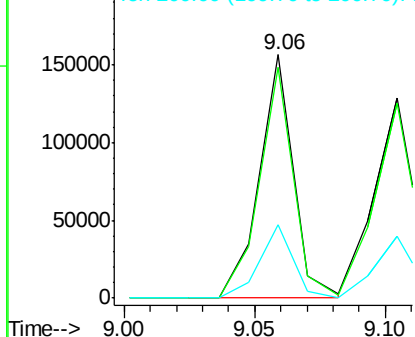


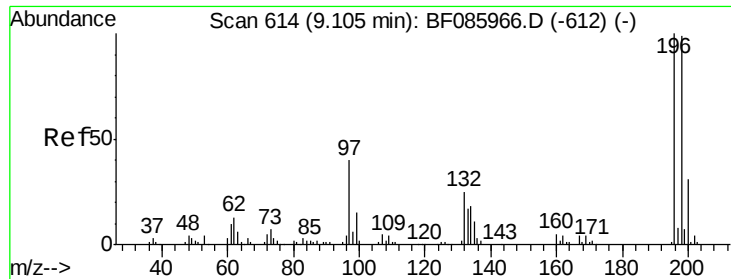
#42
 2,4,6-Trichlorophenol
 Concen: 37.29 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Tgt Ion:196 Resp: 142716
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.3 112.9
 200 30.3 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

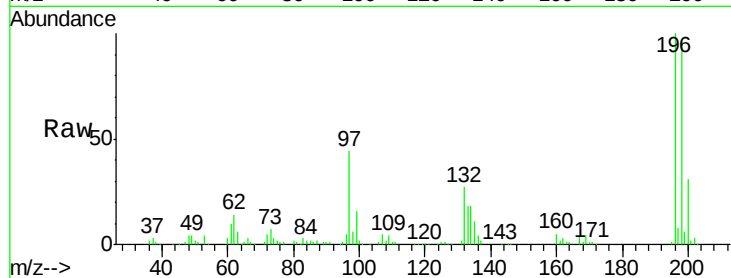




#43
 2,4,5-Trichlorophenol
 Concen: 36.42 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 PB89347BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.6	114.8
97	44.0	30.5	45.7
132	27.4	20.2	30.2



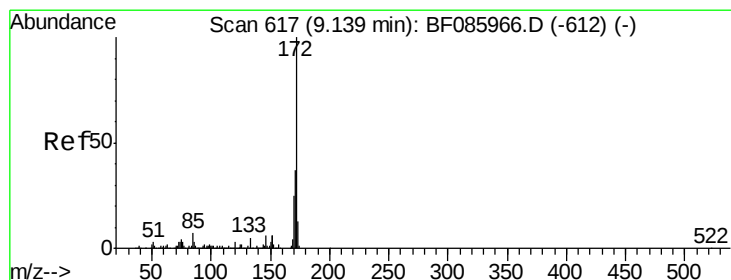
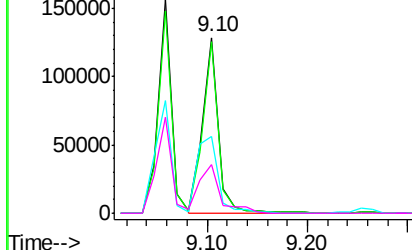
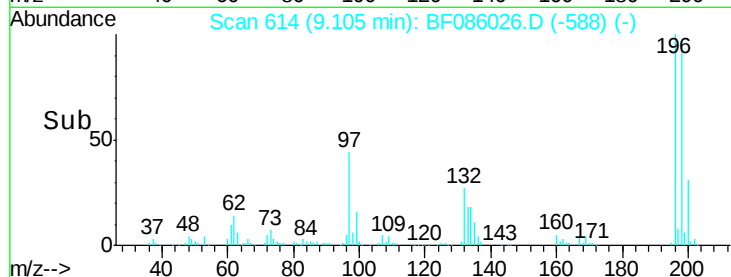
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

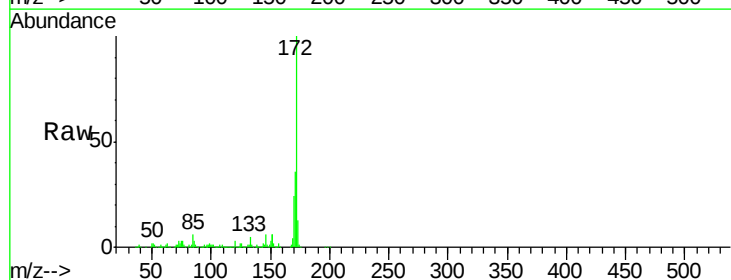
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.34 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.4	19.8	29.6

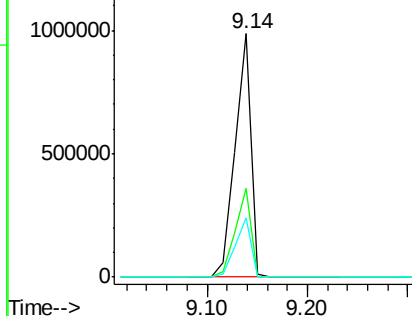
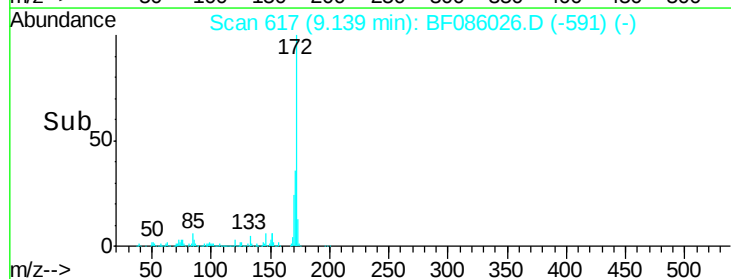


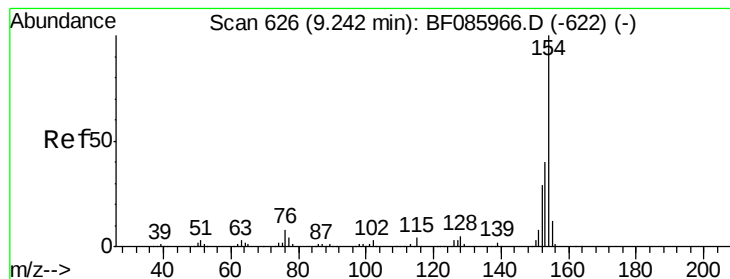
Abundance

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: 32.10 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

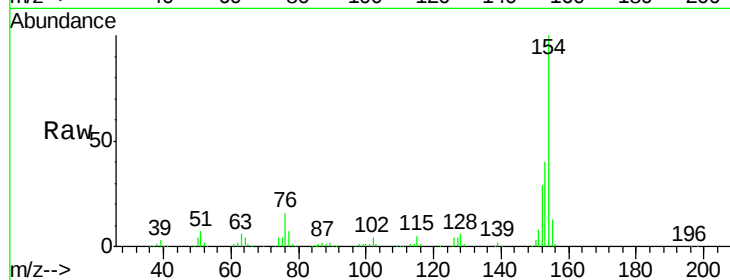
Tgt Ion:154 Resp: 548847

Ion Ratio Lower Upper

154 100

153 40.2 20.8 60.8

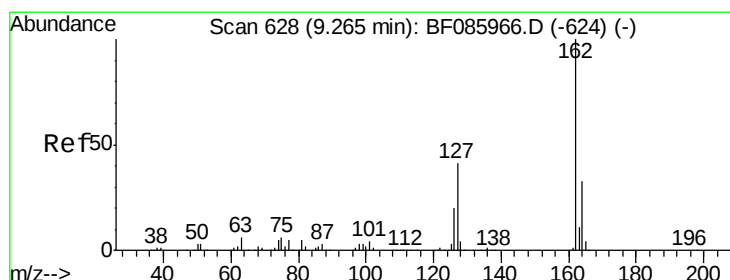
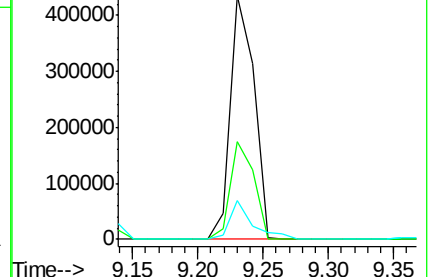
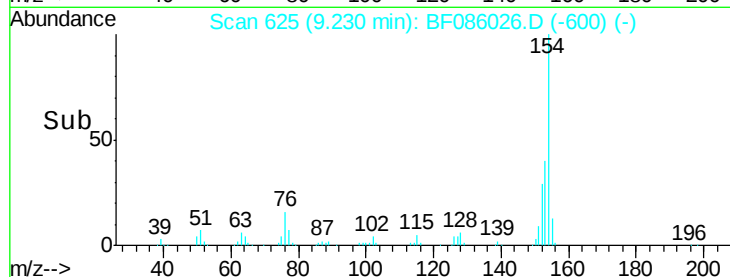
76 16.2 0.0 36.7



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: 35.59 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

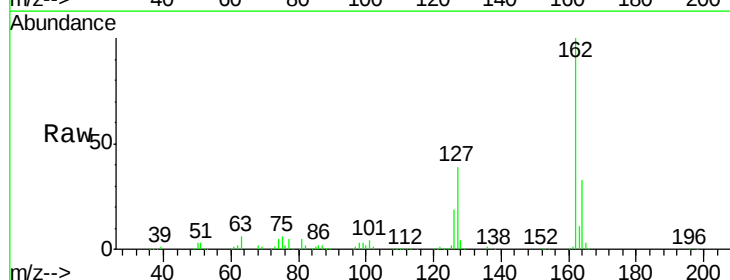
Tgt Ion:162 Resp: 441072

Ion Ratio Lower Upper

162 100

127 39.0 31.7 47.5

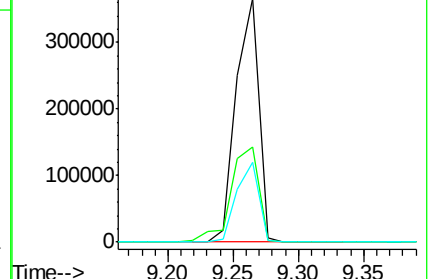
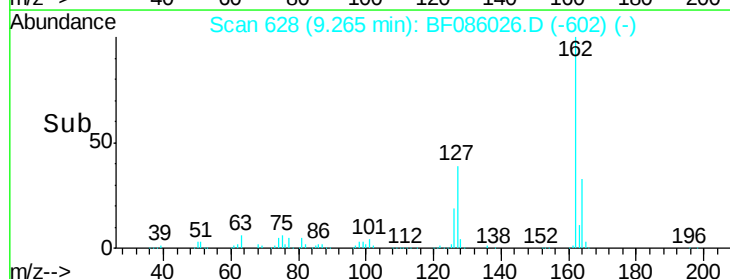
164 32.6 27.3 40.9

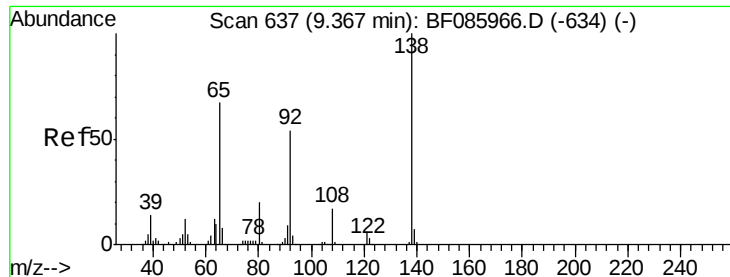


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.86 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

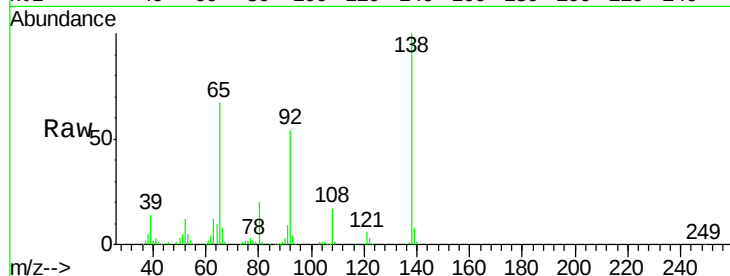
Tgt Ion: 65 Resp: 140917

Ion Ratio Lower Upper

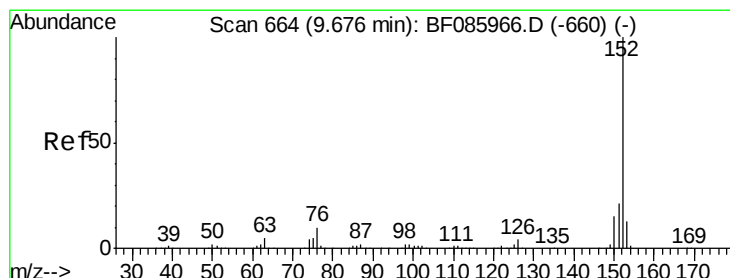
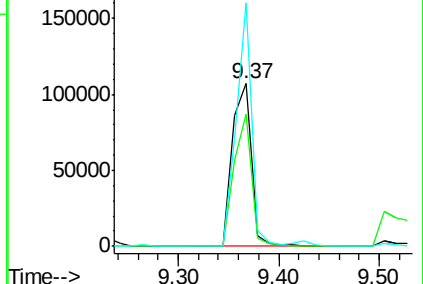
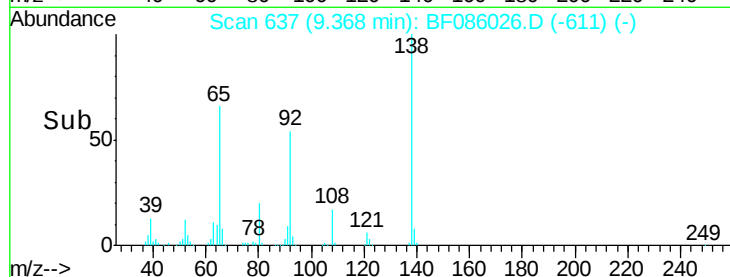
65 100

92 81.4 59.7 89.5

138 149.9 91.4 137.0#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 36.36 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

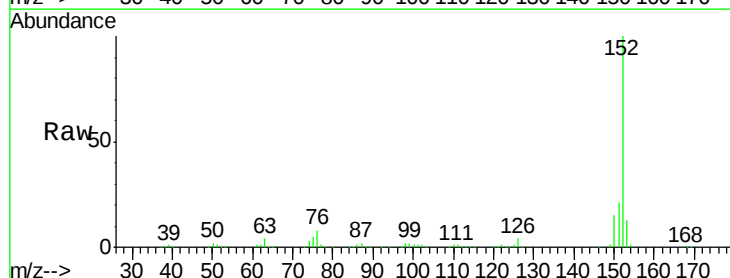
Tgt Ion: 152 Resp: 721795

Ion Ratio Lower Upper

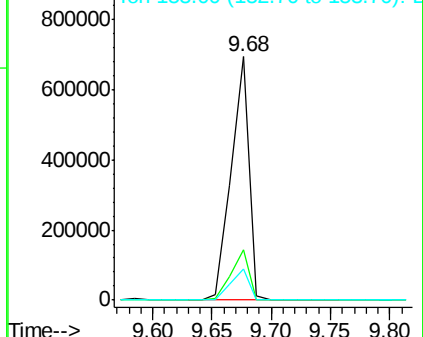
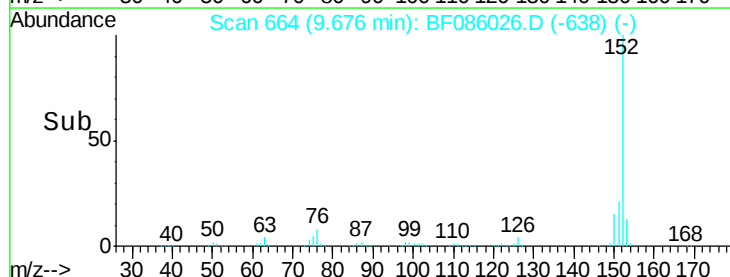
152 100

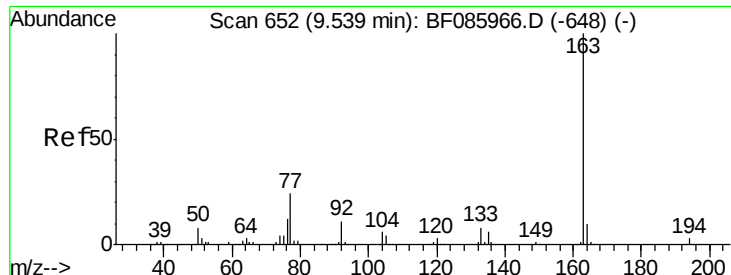
151 20.8 16.8 25.2

153 13.0 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 35.28 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

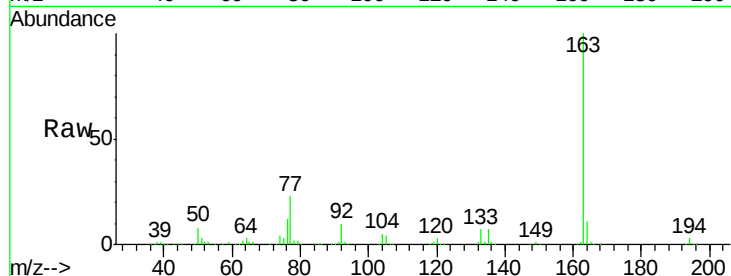
Tgt Ion:163 Resp: 518515

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

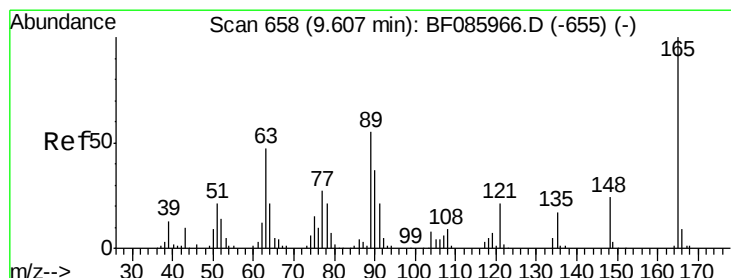
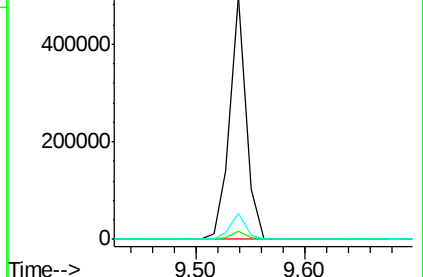
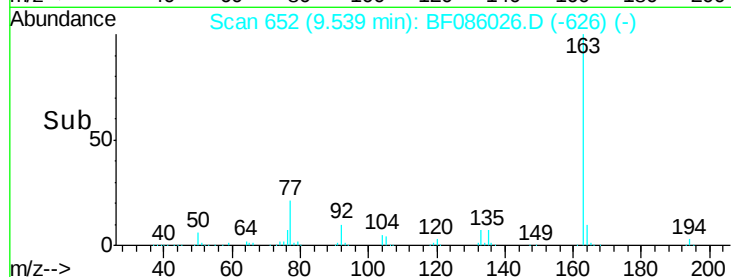
164 10.6 8.3 12.5



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: 40.11 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

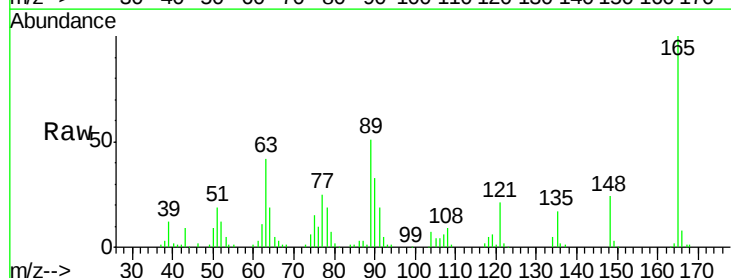
Tgt Ion:165 Resp: 124702

Ion Ratio Lower Upper

165 100

63 41.8 51.8 77.8#

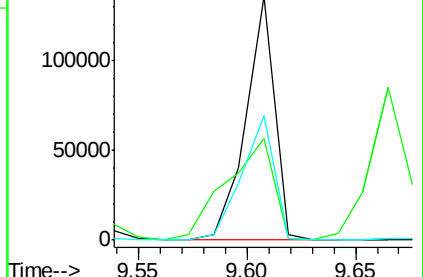
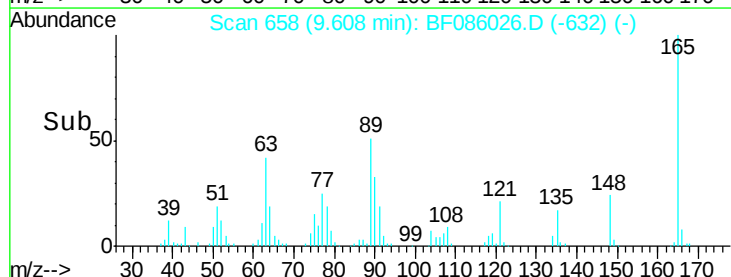
89 50.9 53.7 80.5#

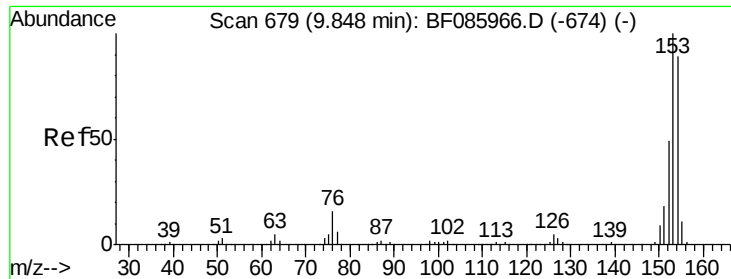


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.71 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

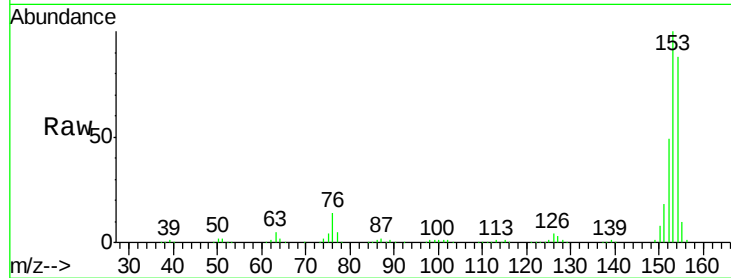
Tgt Ion:154 Resp: 433419

Ion Ratio Lower Upper

154 100

153 113.5 90.1 135.1

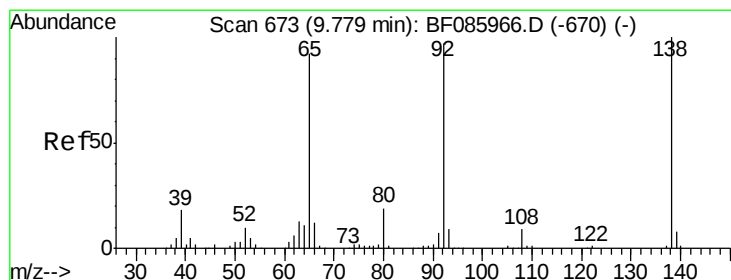
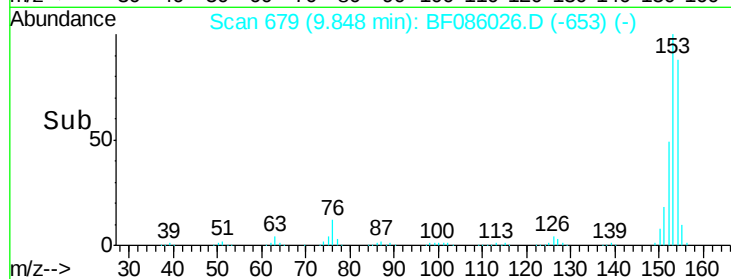
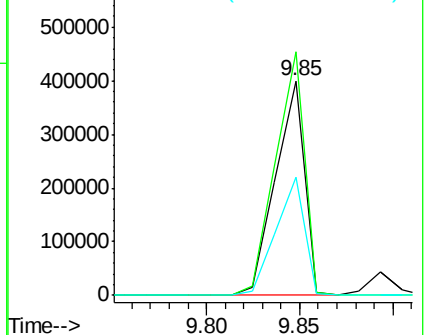
152 55.3 44.2 66.2



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: 18.46 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

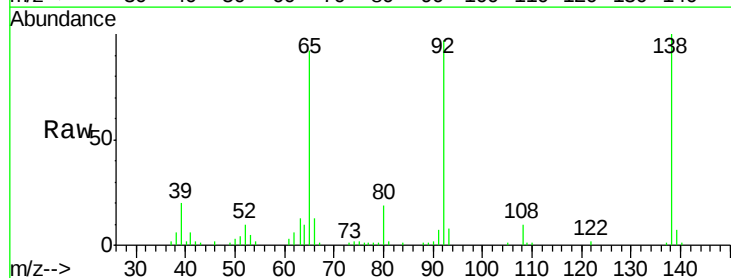
Tgt Ion:138 Resp: 69188

Ion Ratio Lower Upper

138 100

108 9.8 8.7 13.1

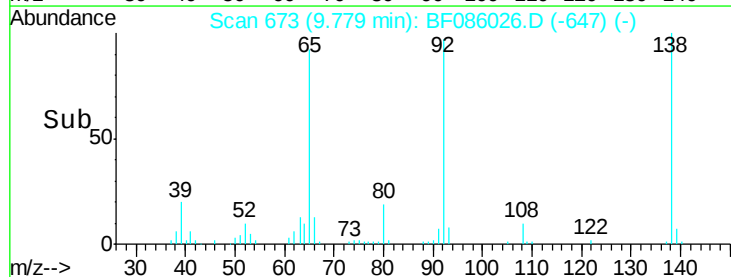
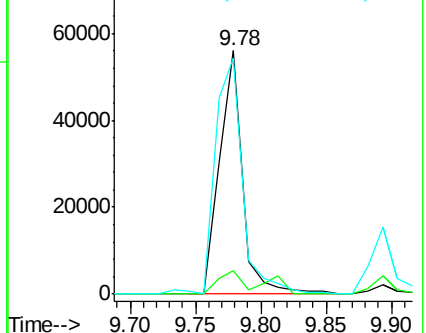
92 96.7 93.3 139.9

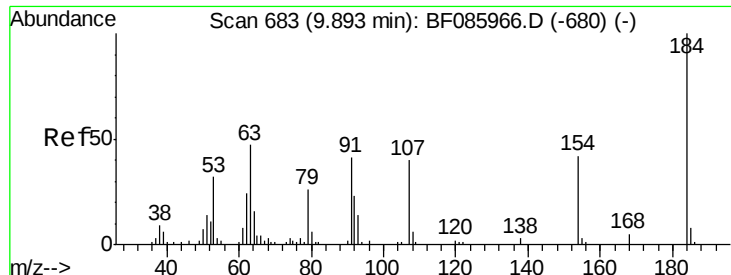


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

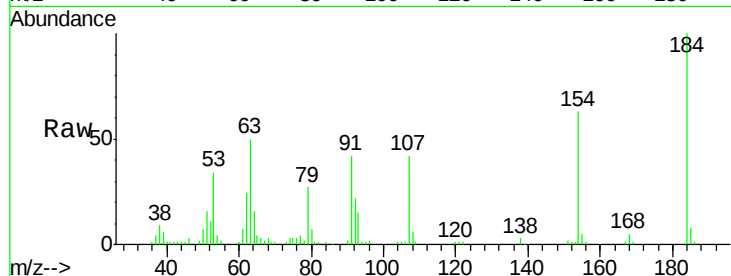




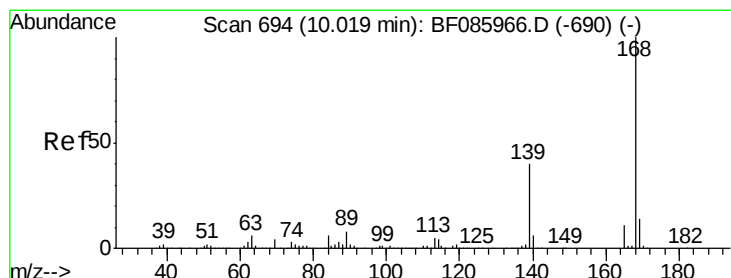
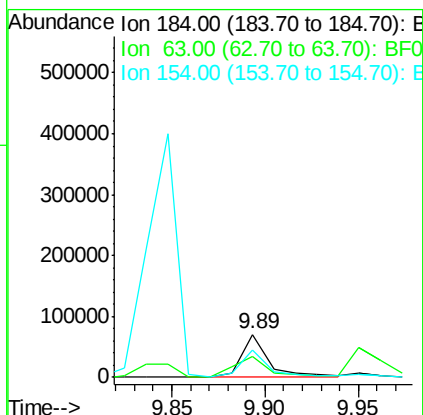
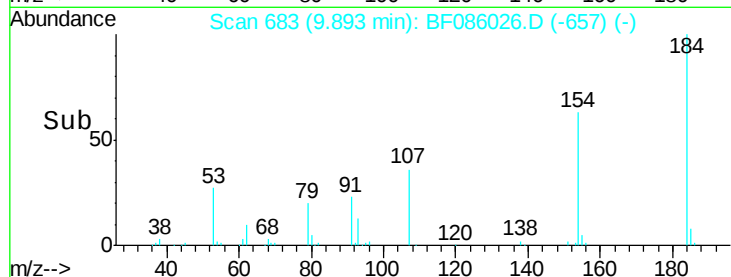
#53
 2,4-Dinitrophenol
 Concen: 44.72 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 PB89347BS

Tgt Ion:184 Resp: 72357
 Ion Ratio Lower Upper
 184 100
 63 50.2 69.5 104.3#
 154 63.2 58.3 87.5

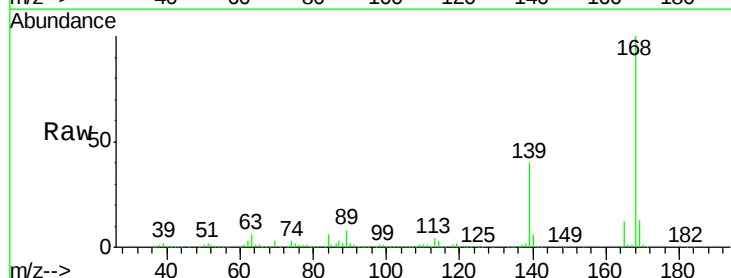


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

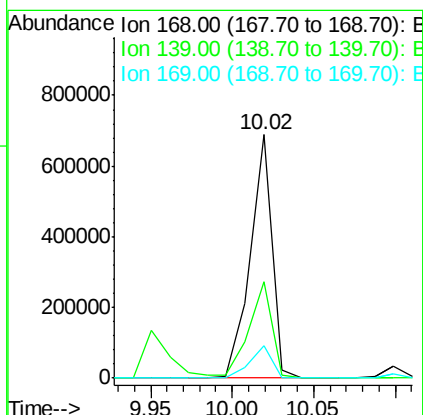
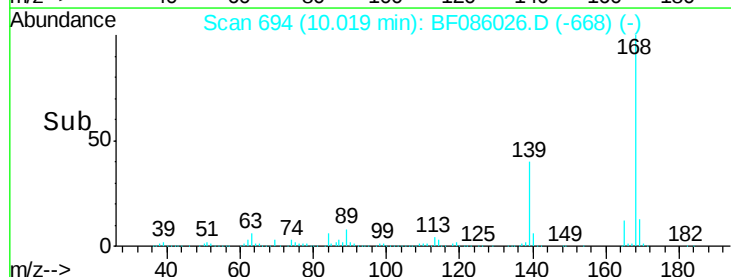


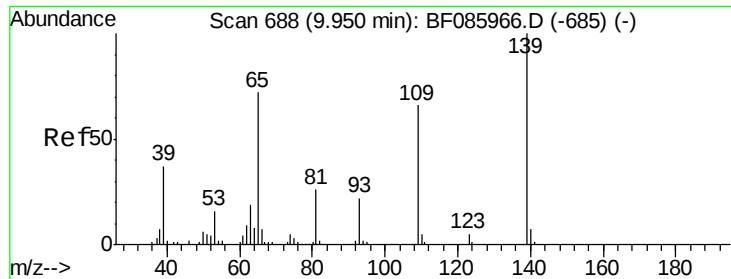
#54
 Dibenzofuran
 Concen: 40.91 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Tgt Ion:168 Resp: 637837
 Ion Ratio Lower Upper
 168 100
 139 39.7 31.9 47.9
 169 13.3 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: 70.87 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

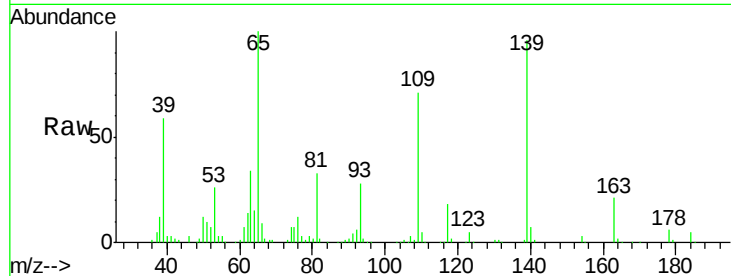
Tgt Ion:139 Resp: 156574

Ion Ratio Lower Upper

139 100

109 74.5 49.2 89.2

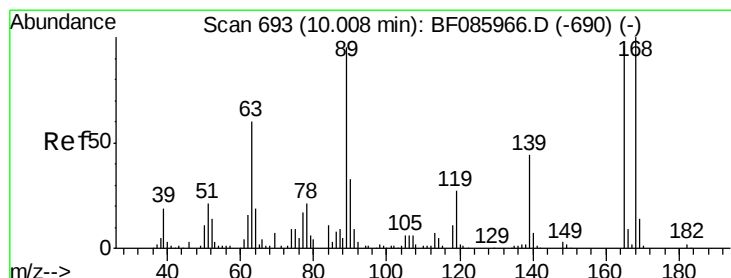
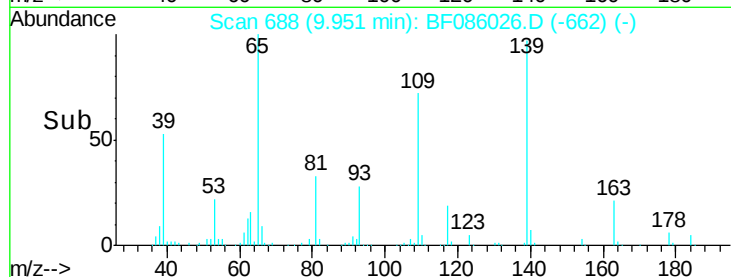
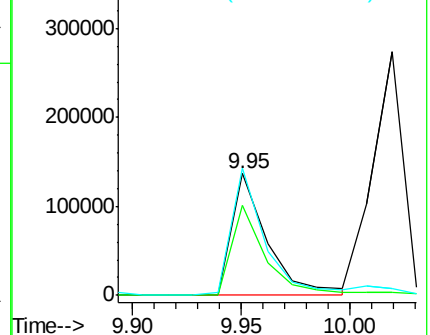
65 104.3 66.9 106.9



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: 35.75 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Tgt Ion:165 Resp: 140464

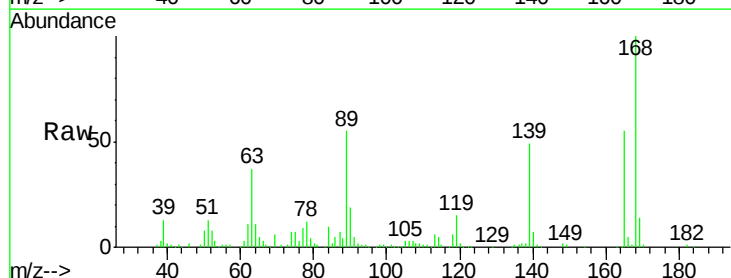
Ion Ratio Lower Upper

165 100

63 67.3 24.9 37.3#

89 100.2 41.0 61.6#

182 2.1 2.1 3.1

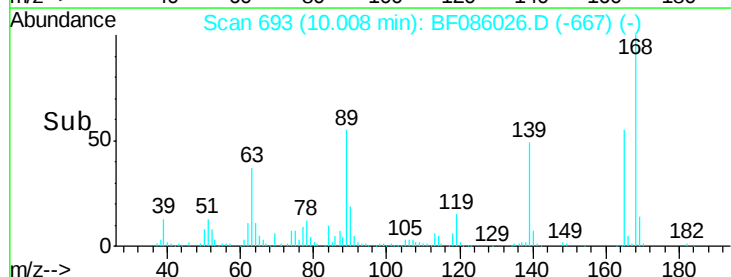
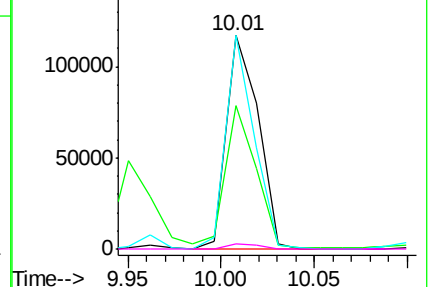


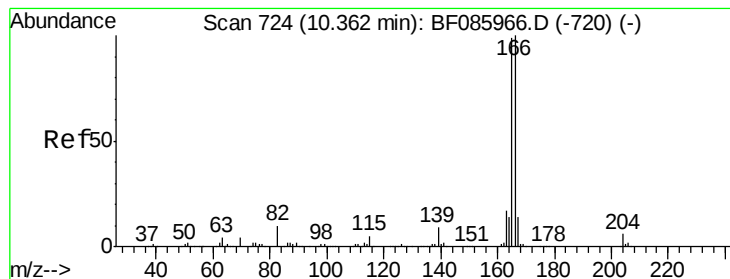
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.37 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

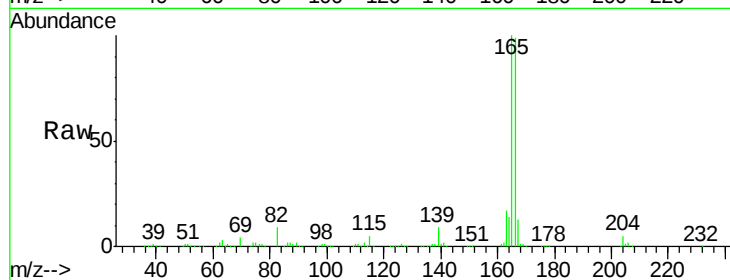
Tgt Ion:166 Resp: 497733

Ion Ratio Lower Upper

166 100

165 100.6 79.4 119.0

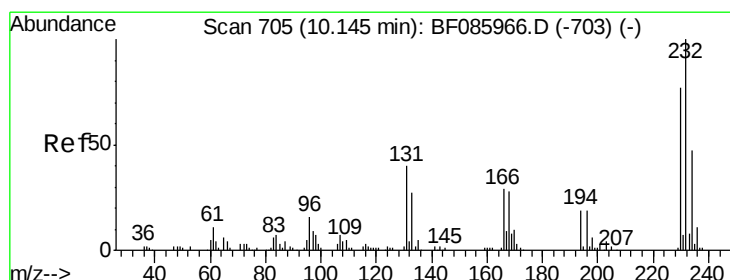
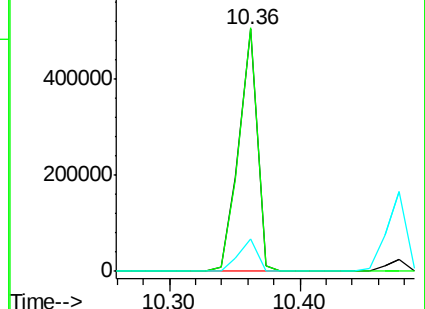
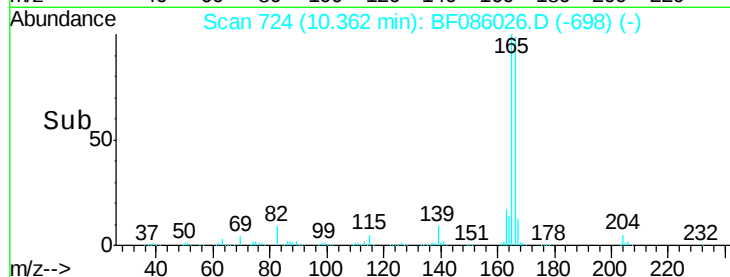
167 13.5 11.0 16.4



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: 40.39 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Tgt Ion:232 Resp: 116834

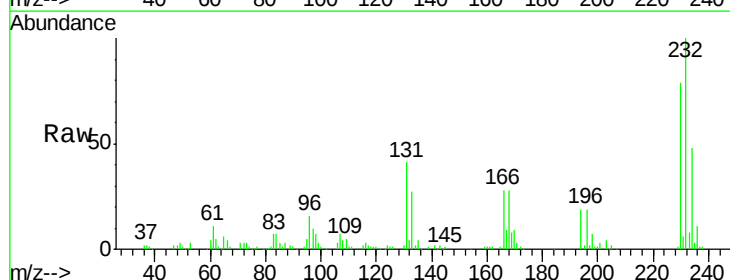
Ion Ratio Lower Upper

232 100

131 52.2 44.9 67.3

130 2.6 2.3 3.5

166 30.9 28.1 42.1

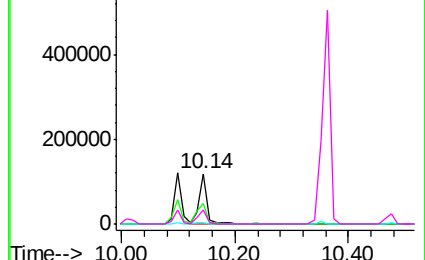
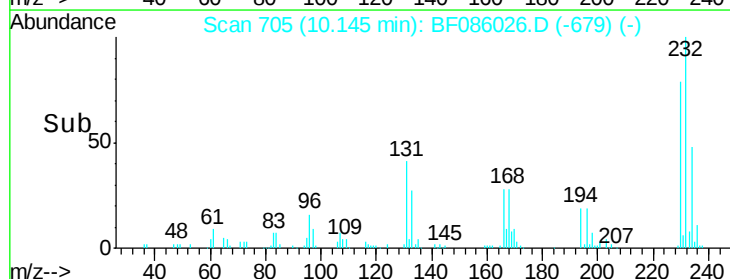


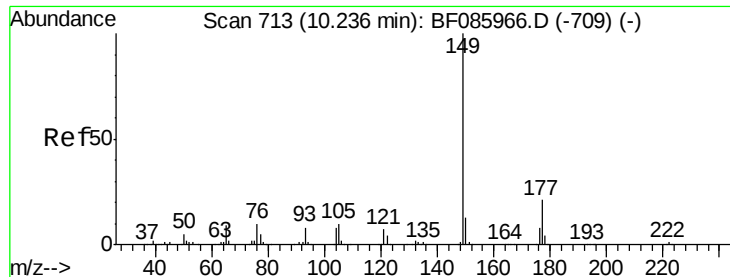
Abundance Ion 232.00 (231.70 to 232.70): E

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

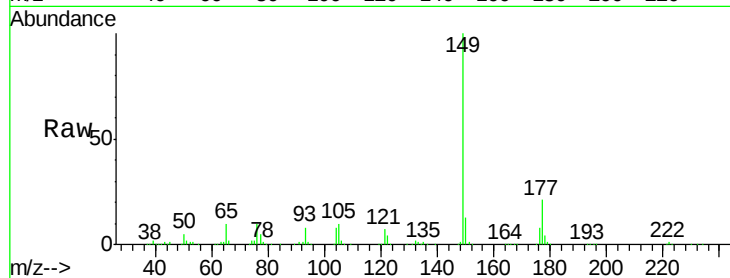




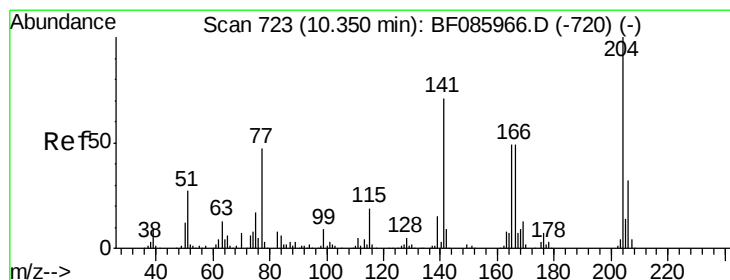
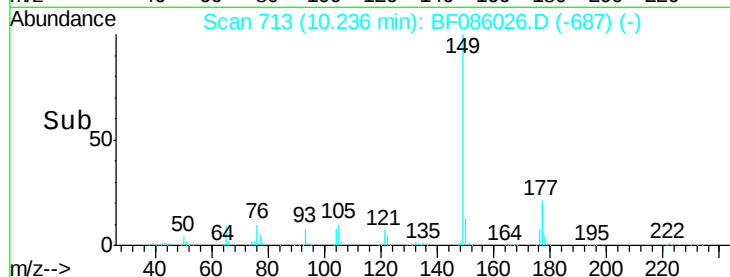
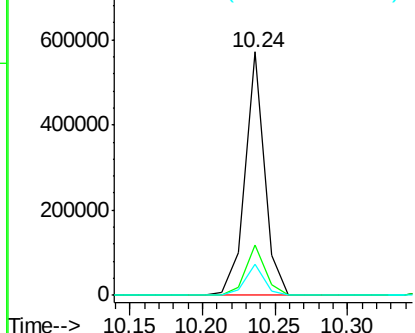
#59
Diethylphthalate
Concen: 35.75 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

Instrument :
BNA_F
ClientSampleId :
PB89347BS

Tgt Ion:149 Resp: 530237
Ion Ratio Lower Upper
149 100
177 20.8 17.9 26.9
150 12.7 10.2 15.2

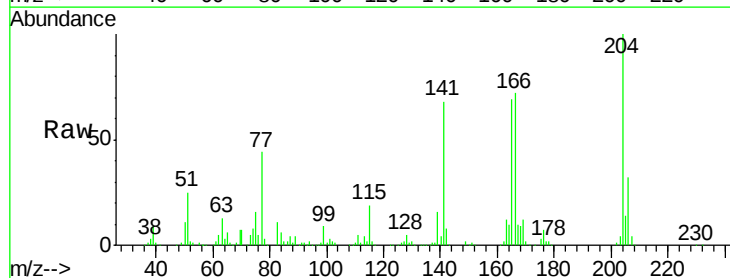


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

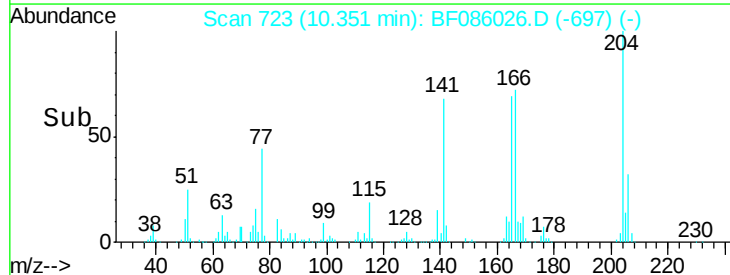
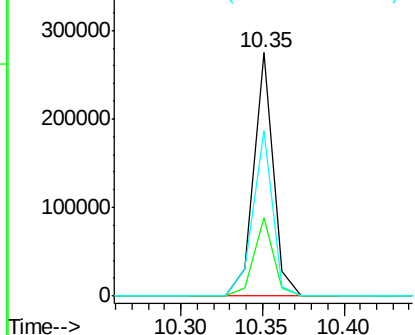


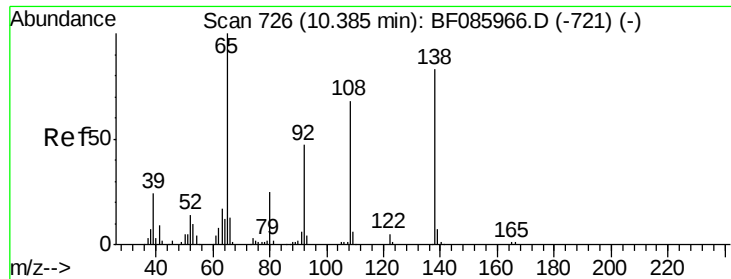
#60
4-Chlorophenyl-phenylether
Concen: 36.93 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

Tgt Ion:204 Resp: 229110
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 68.2 57.4 86.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

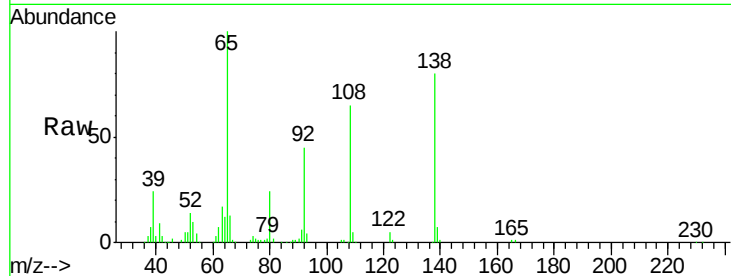




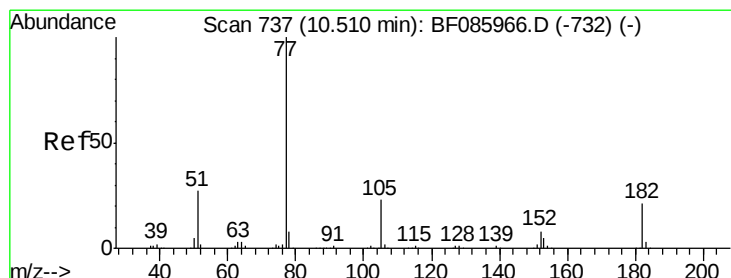
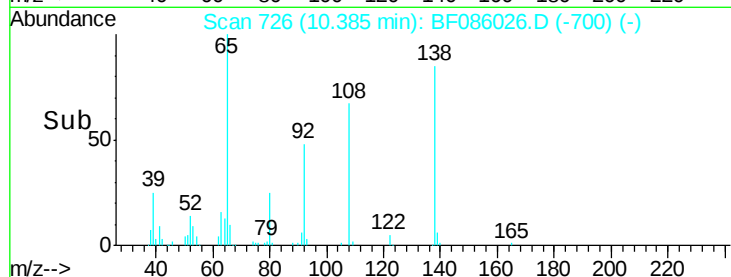
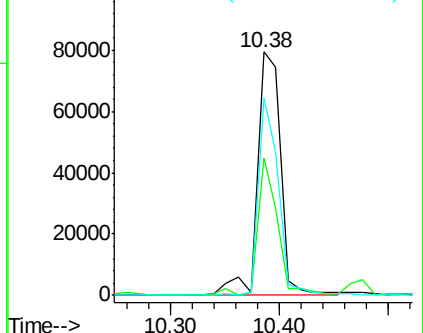
#61
4-Nitroaniline
Concen: 32.47 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

Instrument :
BNA_F
ClientSampleId :
PB89347BS

Tgt Ion:138 Resp: 119815
Ion Ratio Lower Upper
138 100
92 56.3 26.4 66.4
108 81.4 49.0 89.0

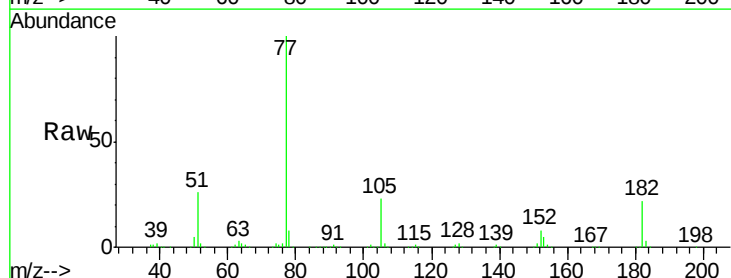


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

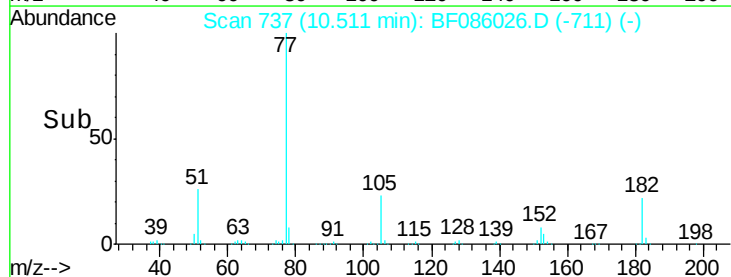
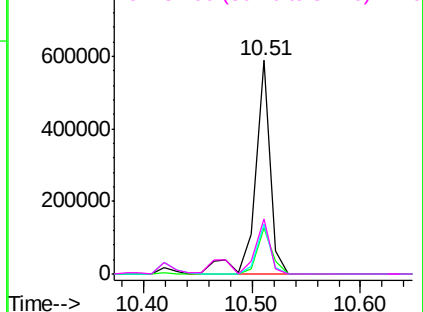


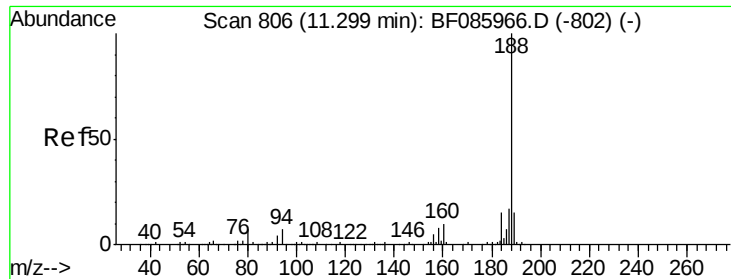
#62
Azobenzene
Concen: 40.84 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

Tgt Ion: 77 Resp: 580179
Ion Ratio Lower Upper
77 100
182 21.6 1.9 41.9
105 23.2 3.5 43.5
51 25.9 6.3 46.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

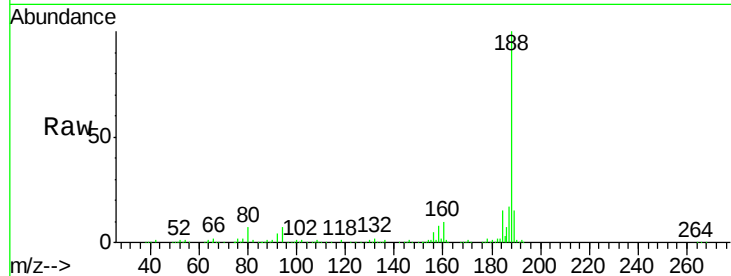
Tgt Ion:188 Resp: 355308

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

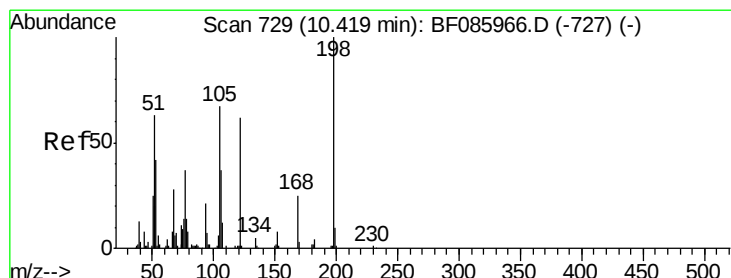
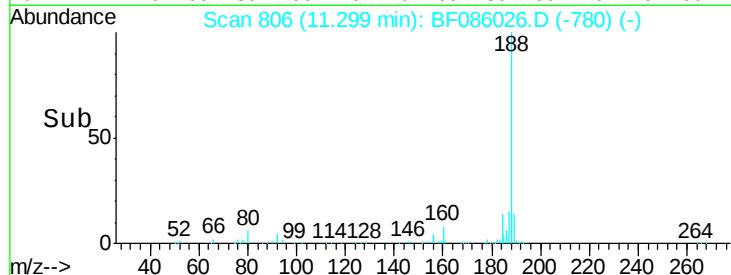
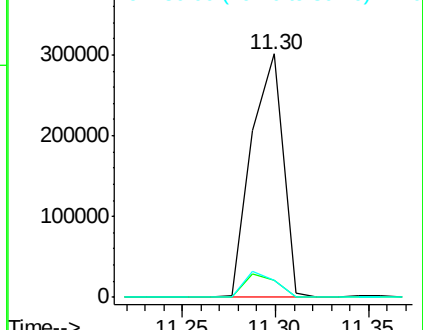
80 6.9 5.5 8.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 28.96 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

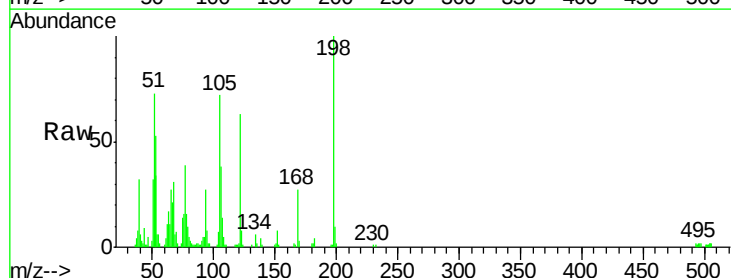
Tgt Ion:198 Resp: 62365

Ion Ratio Lower Upper

198 100

51 73.1 45.4 85.4

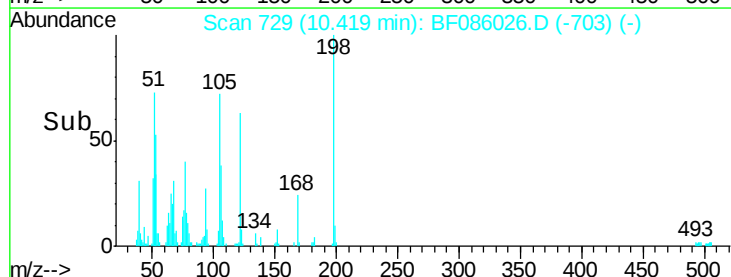
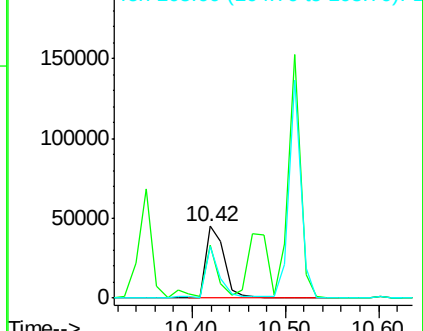
105 71.7 45.9 85.9

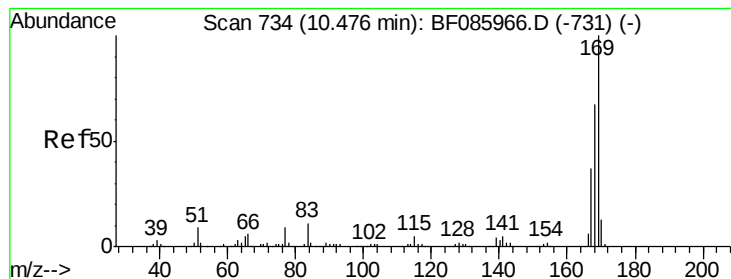


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.82 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

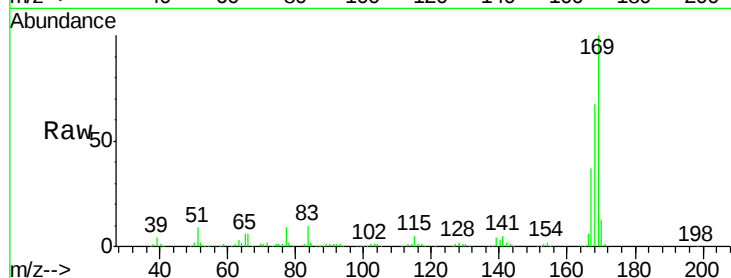
Tgt Ion:169 Resp: 464682

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

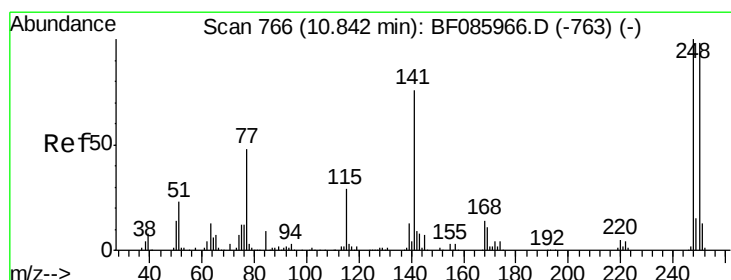
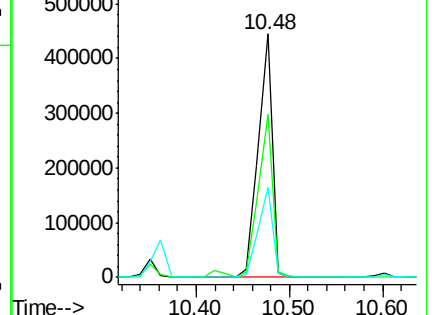
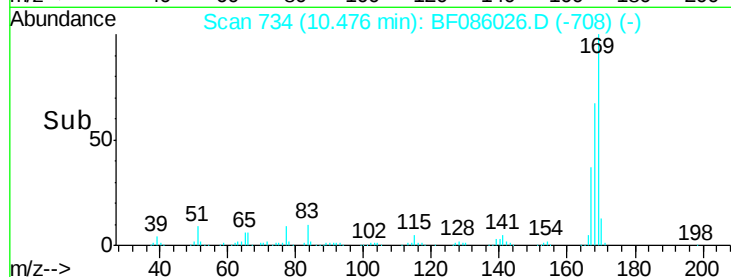
167 37.1 29.4 44.0



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: 39.23 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

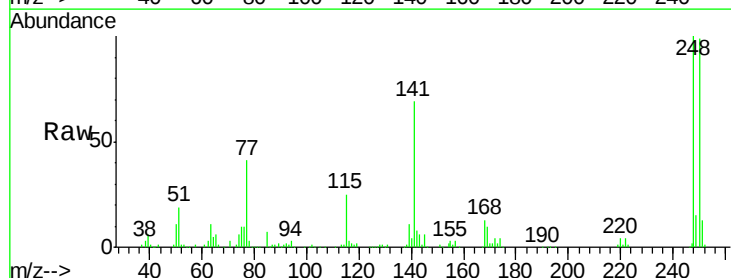
Tgt Ion:248 Resp: 142319

Ion Ratio Lower Upper

248 100

250 98.8 77.4 116.0

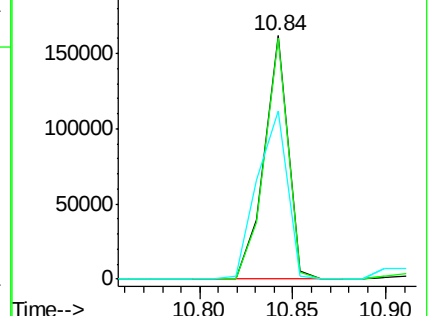
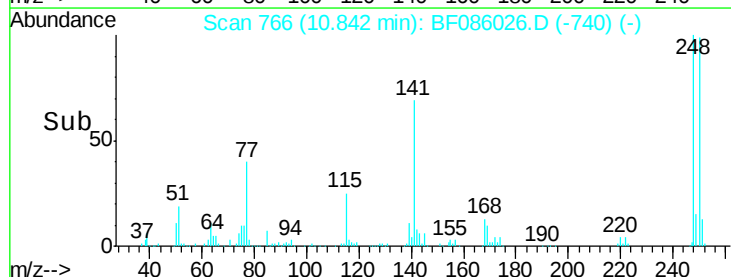
141 69.0 63.6 95.4

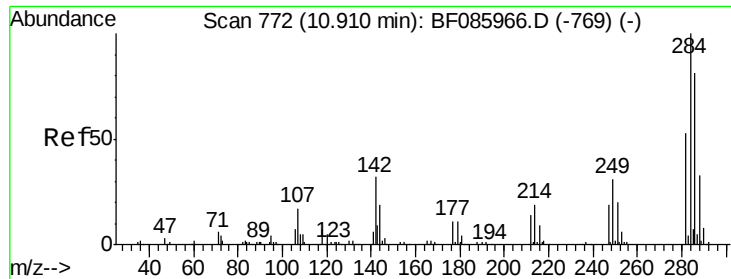


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

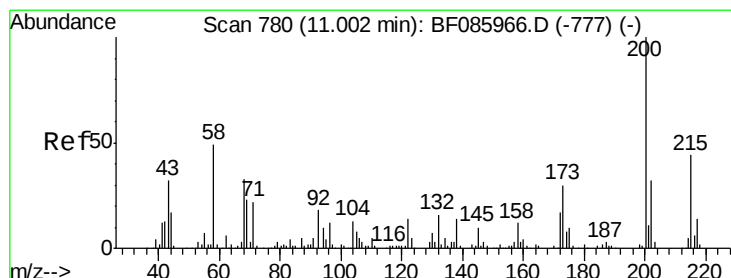
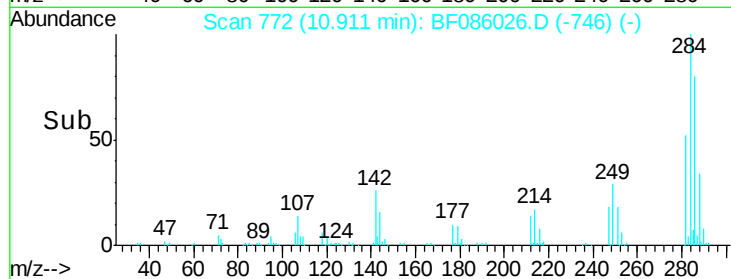
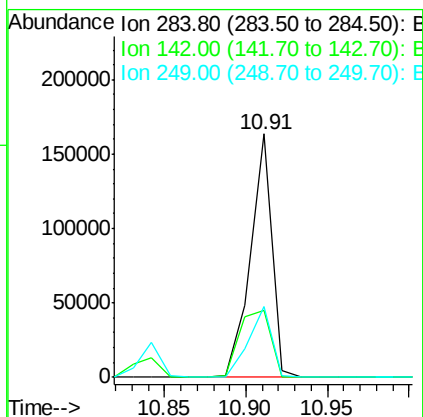
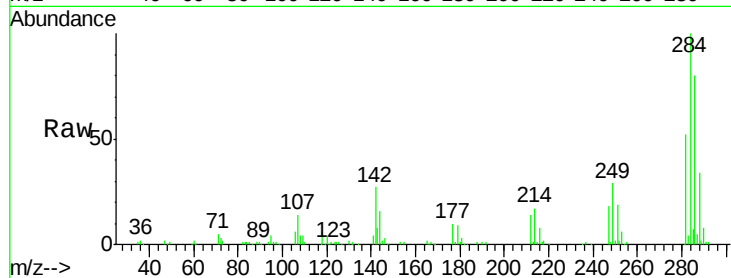




#67
Hexachlorobenzene
Concen: 39.81 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

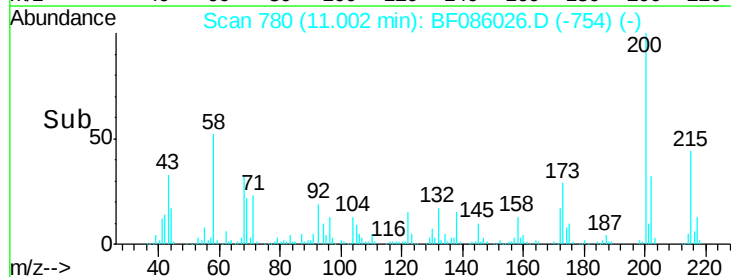
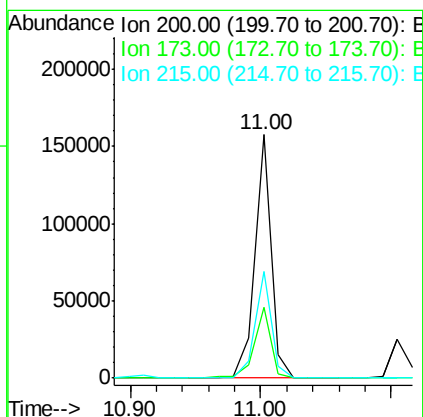
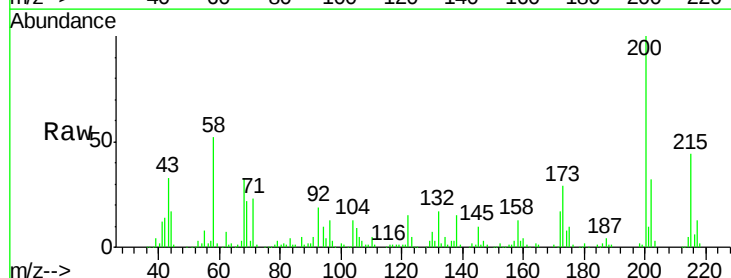
Instrument :
BNA_F
ClientSampleId :
PB89347BS

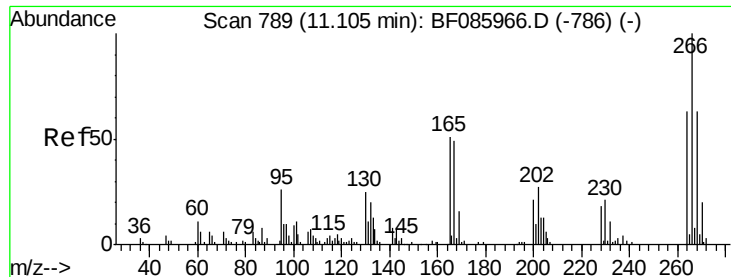
Tgt Ion:284 Resp: 149345
Ion Ratio Lower Upper
284 100
142 27.3 23.1 34.7
249 29.0 24.2 36.2



#68
Atrazine
Concen: 38.34 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

Tgt Ion:200 Resp: 137663
Ion Ratio Lower Upper
200 100
173 29.0 7.7 47.7
215 43.6 25.4 65.4

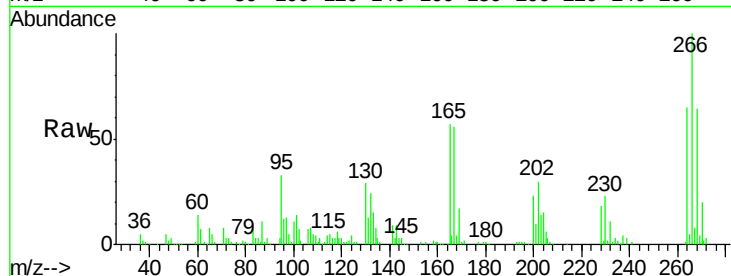




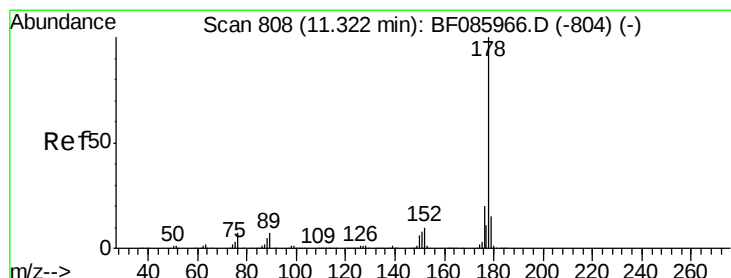
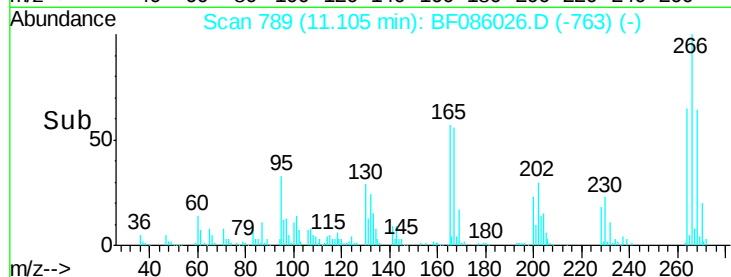
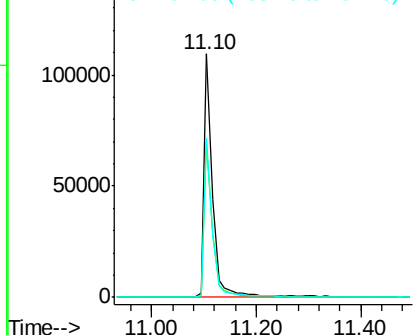
#69
 Pentachlorophenol
 Concen: 72.25 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 PB89347BS

Tgt Ion:266 Resp: 127025
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.5 77.3
 264 65.4 50.6 76.0

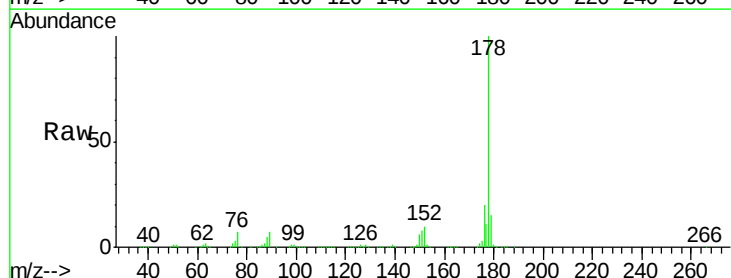


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

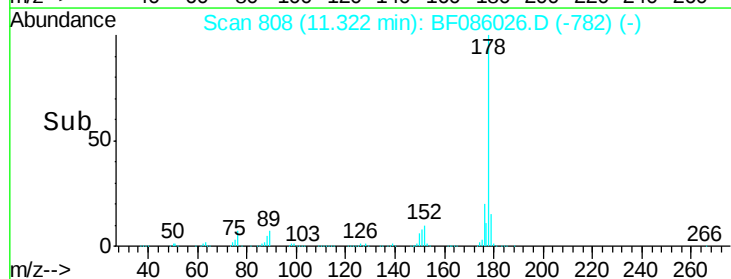
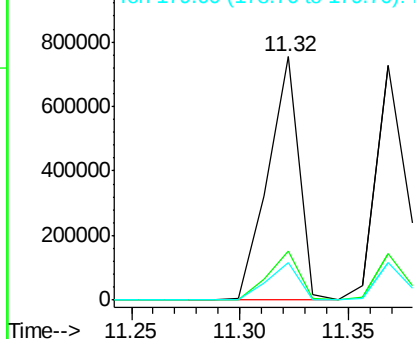


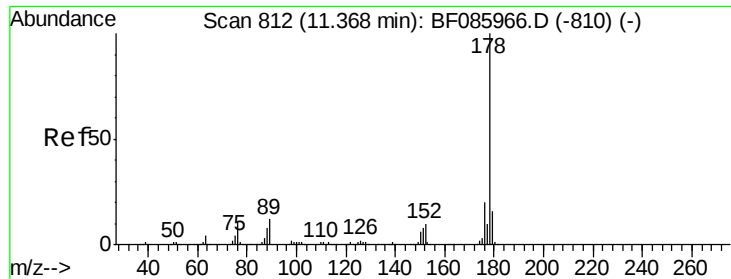
#70
 Phenanthrene
 Concen: 39.04 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Tgt Ion:178 Resp: 756765
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.3 24.5
 179 15.4 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

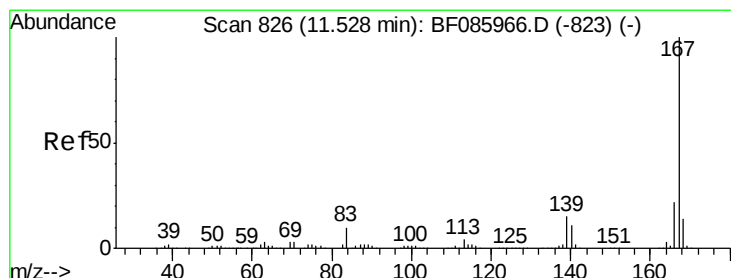
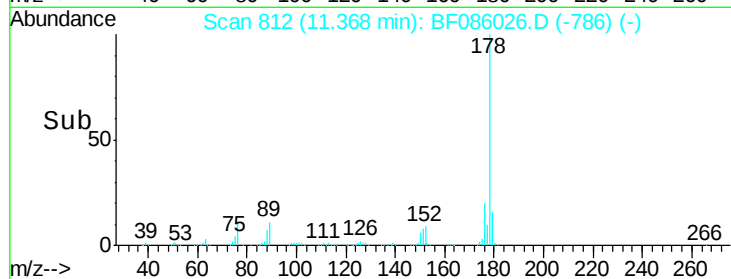
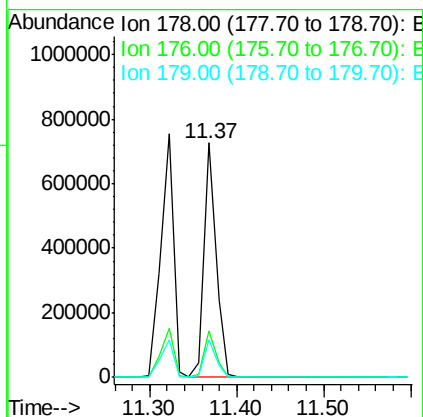
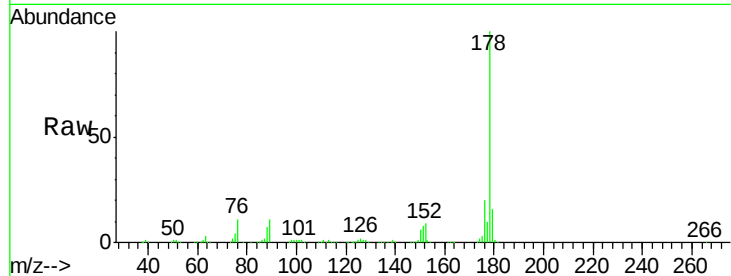




#71
 Anthracene
 Concen: 34.60 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

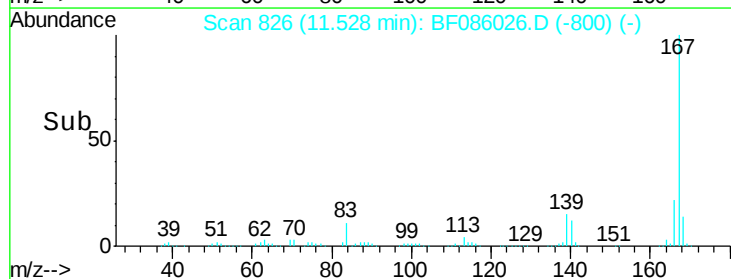
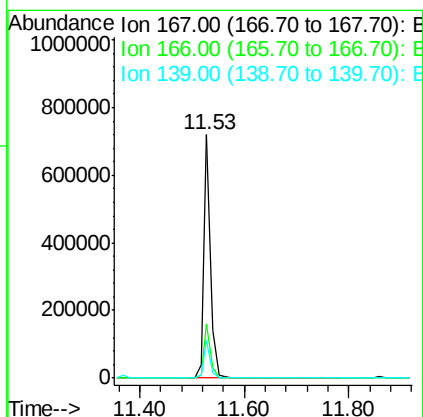
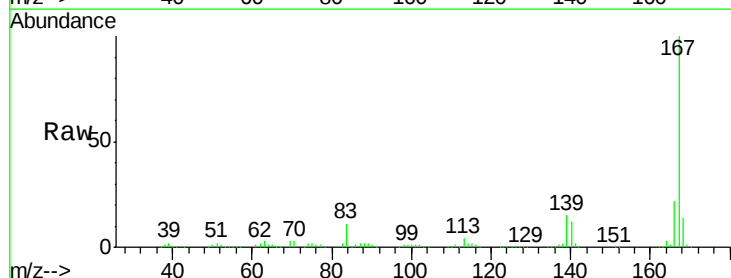
Instrument :
 BNA_F
 ClientSampleId :
 PB89347BS

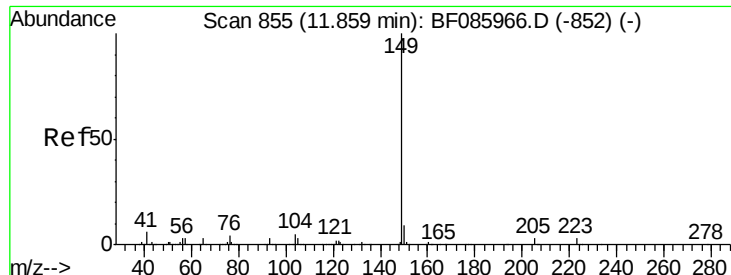
Tgt Ion:178 Resp: 702532
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.0 13.0 19.4



#72
 Carbazole
 Concen: 36.34 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Tgt Ion:167 Resp: 634282
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 15.2 11.6 17.4

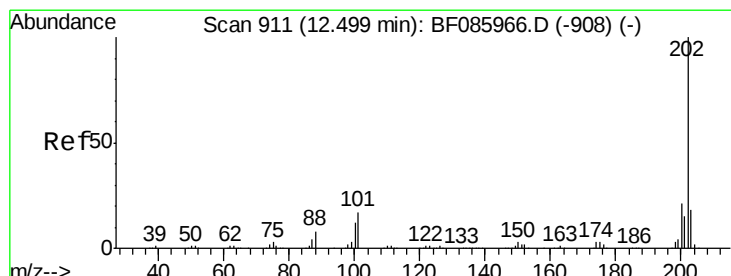
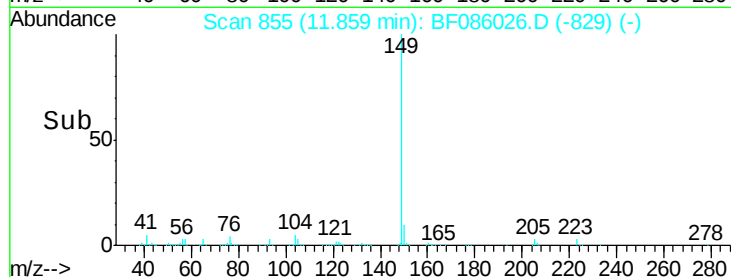
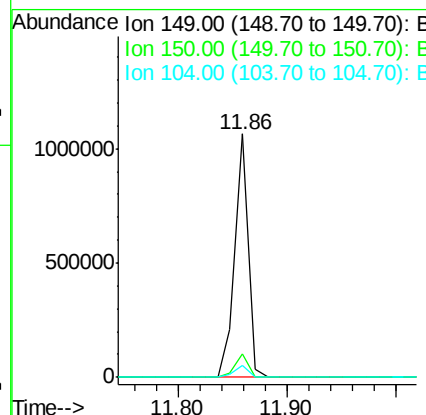
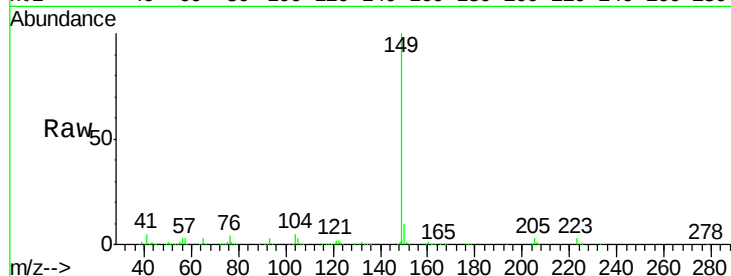




#73
Di-n-butylphthalate
Concen: 41.63 ng
RT: 11.86 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

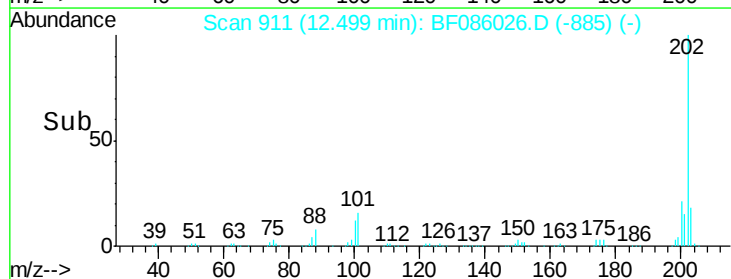
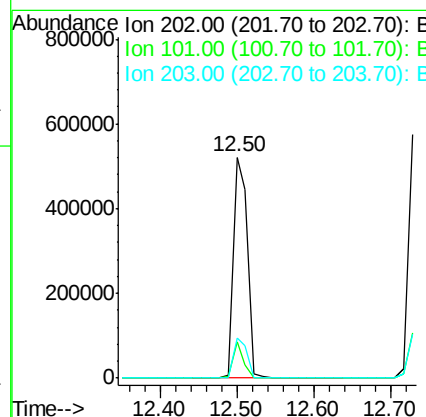
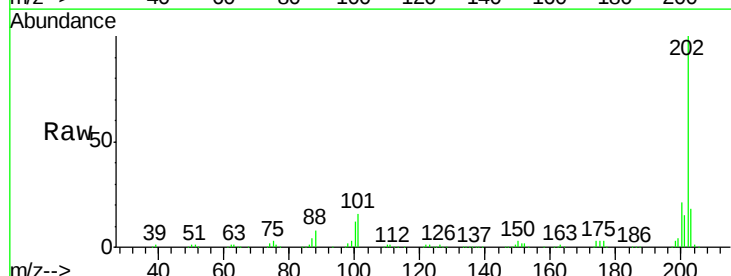
Instrument :
BNA_F
ClientSampleId :
PB89347BS

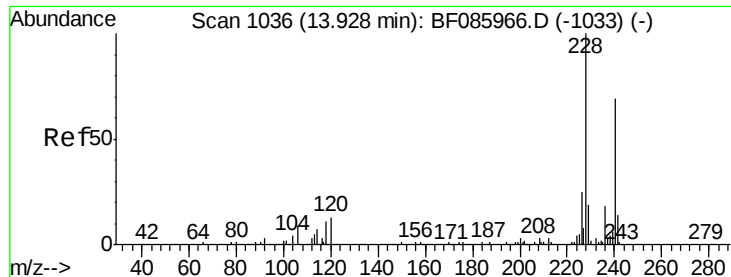
Tgt Ion:149 Resp: 900286
Ion Ratio Lower Upper
149 100
150 9.6 7.6 11.4
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 33.86 ng
RT: 12.50 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

Tgt Ion:202 Resp: 682610
Ion Ratio Lower Upper
202 100
101 16.3 0.0 36.6
203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

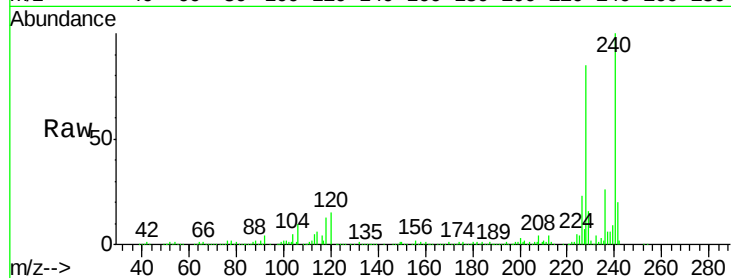
Tgt Ion:240 Resp: 228304

Ion Ratio Lower Upper

240 100

120 15.3 13.8 20.8

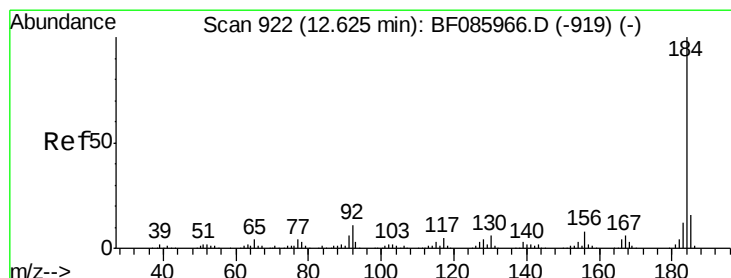
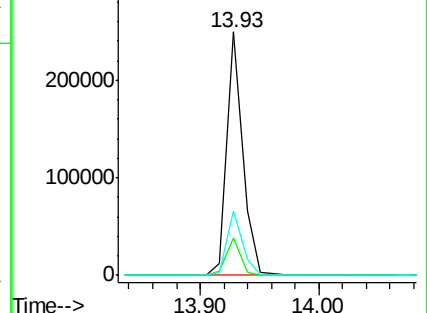
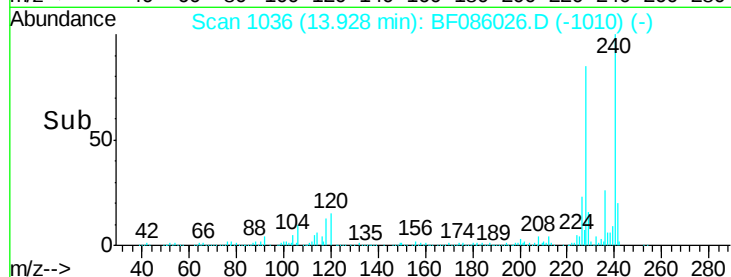
236 26.3 20.6 30.8



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: 32.73 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

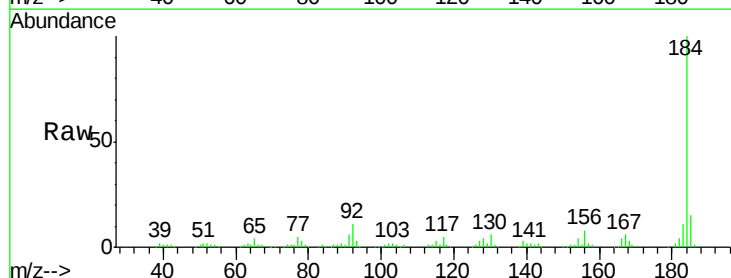
Tgt Ion:184 Resp: 263600

Ion Ratio Lower Upper

184 100

185 14.9 12.4 18.6

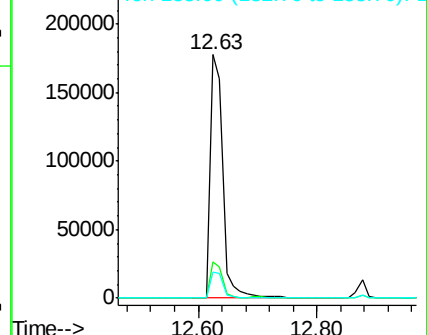
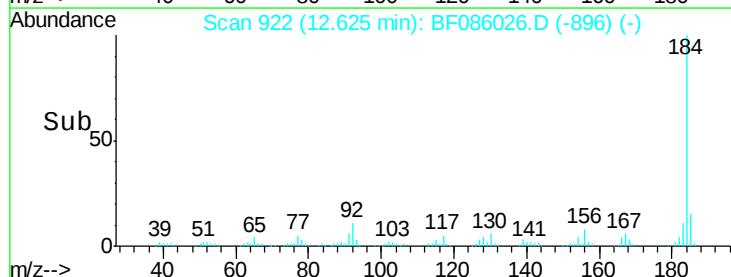
183 10.9 9.4 14.2

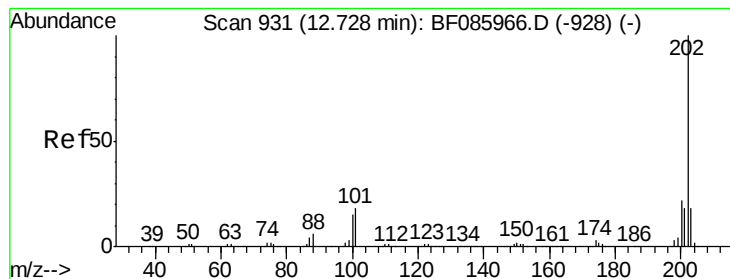


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.69 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

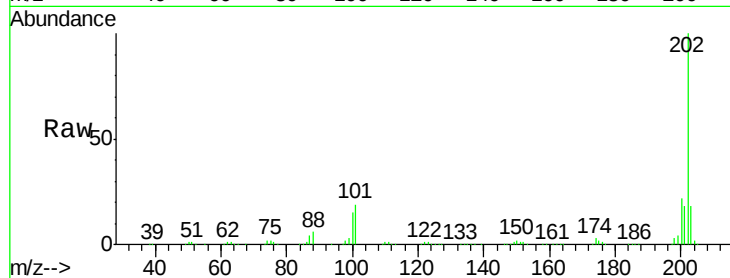
Tgt Ion: 202 Resp: 654696

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

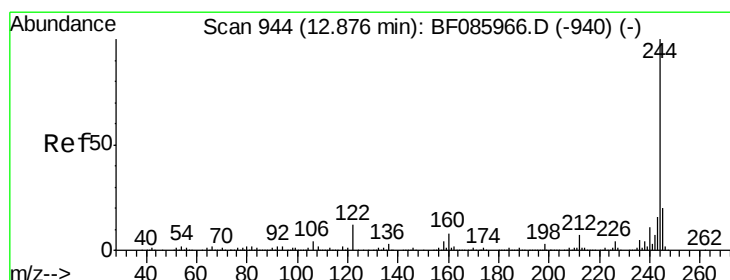
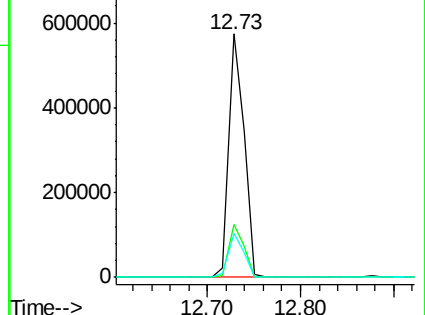
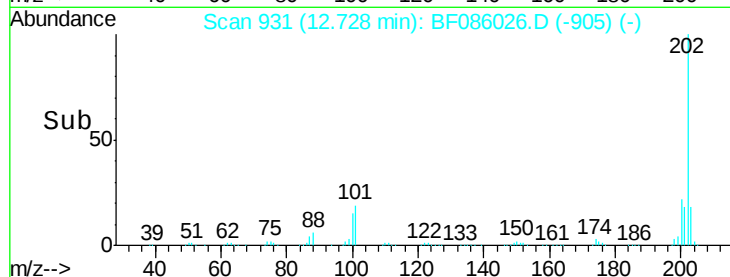
203 18.0 14.0 21.0



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: 93.33 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

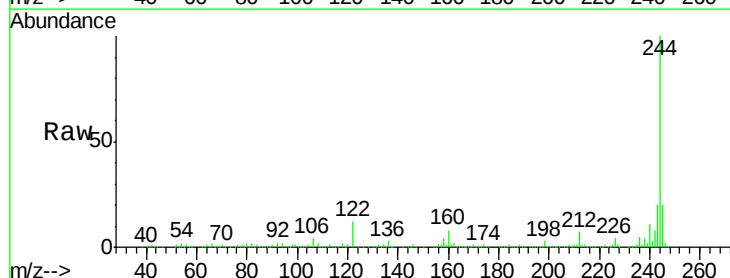
Tgt Ion: 244 Resp: 906484

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

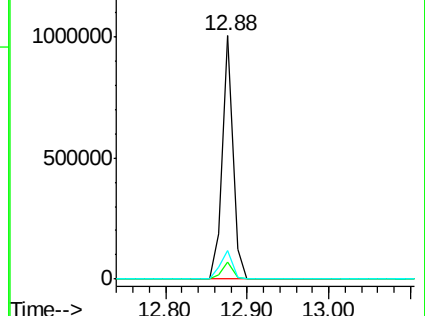
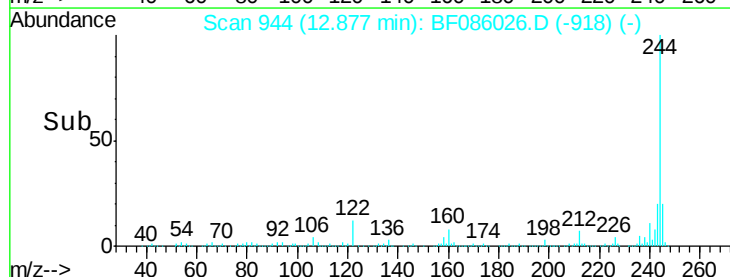
122 12.0 10.2 15.4

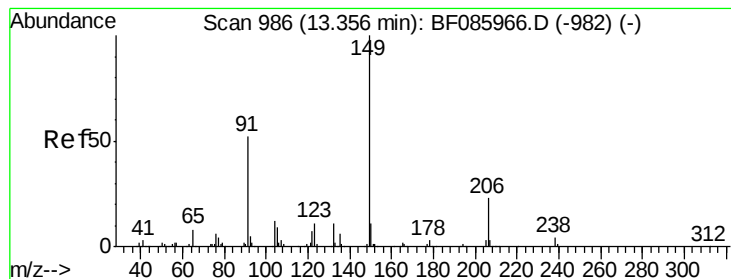


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.58 ng

RT: 13.36 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

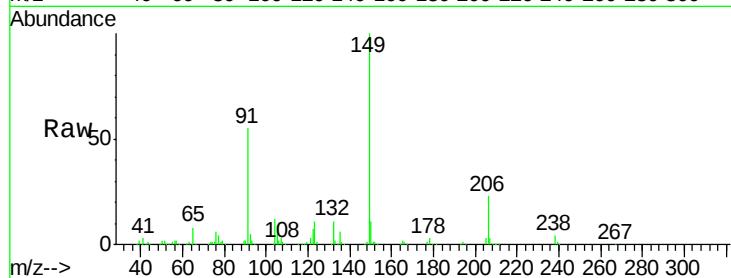
Tgt Ion:149 Resp: 337417

Ion Ratio Lower Upper

149 100

91 54.7 45.8 68.8

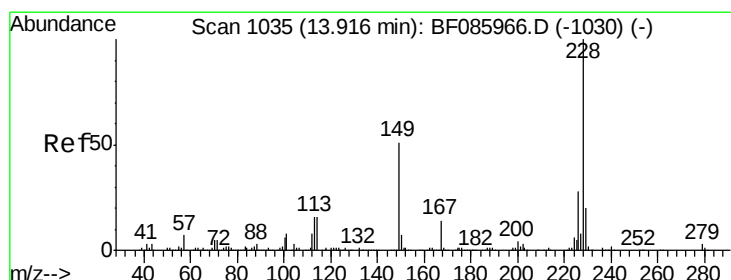
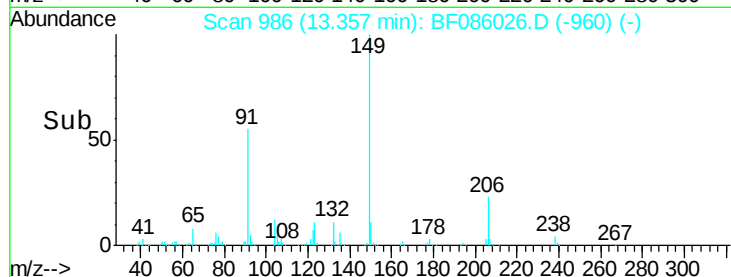
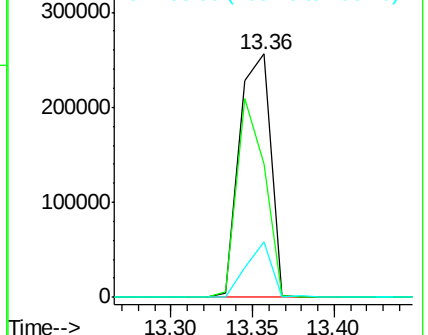
206 22.8 17.8 26.8



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: 35.94 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

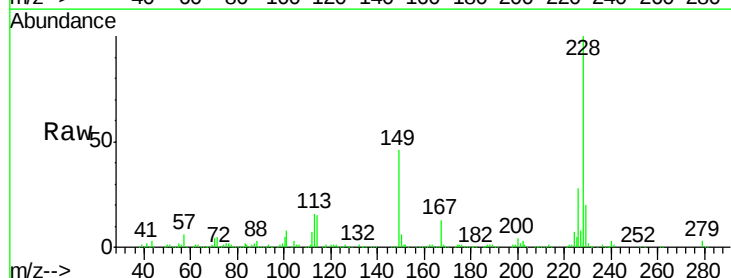
Tgt Ion:228 Resp: 483621

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

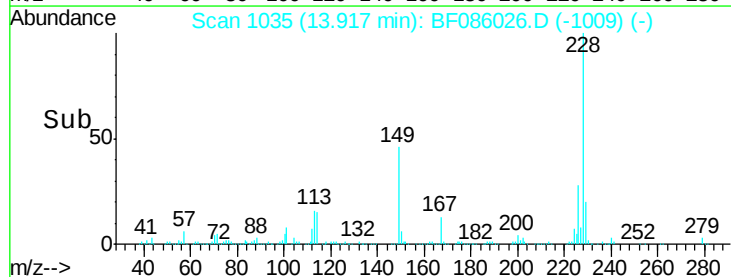
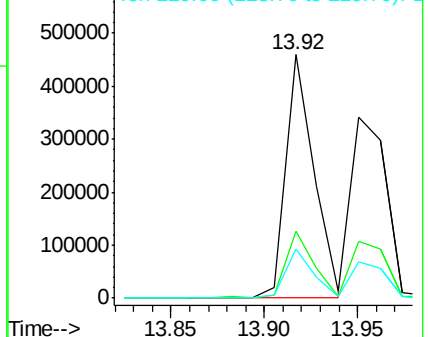
229 20.2 16.2 24.4

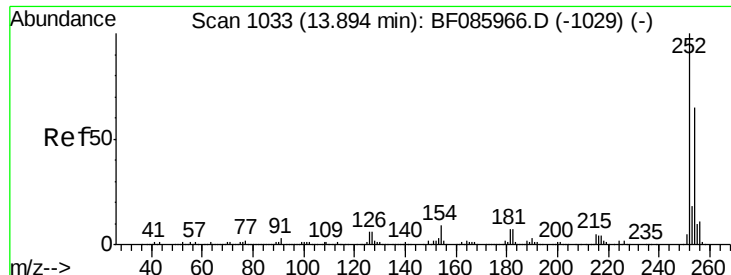


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

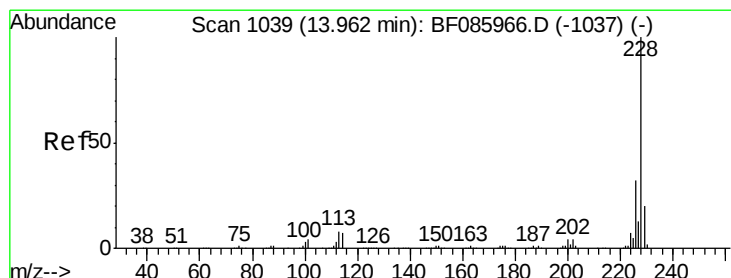
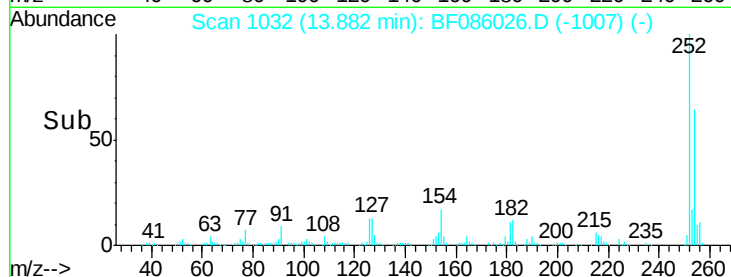
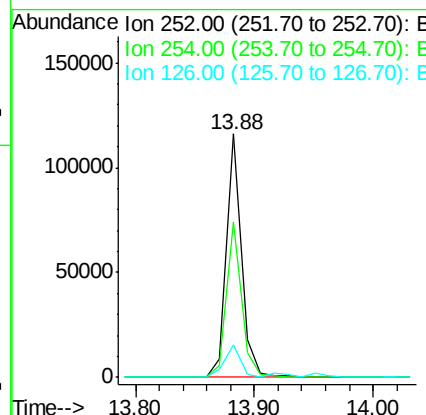
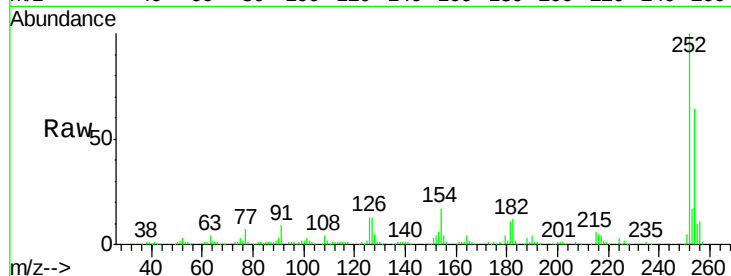




#81
 3,3'-Dichlorobenzidine
 Concen: 10.24 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

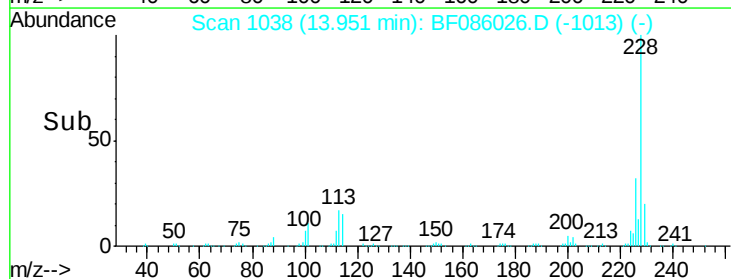
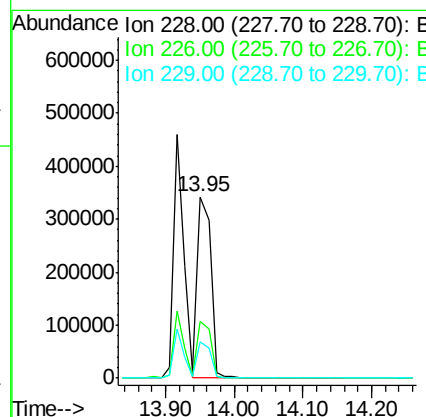
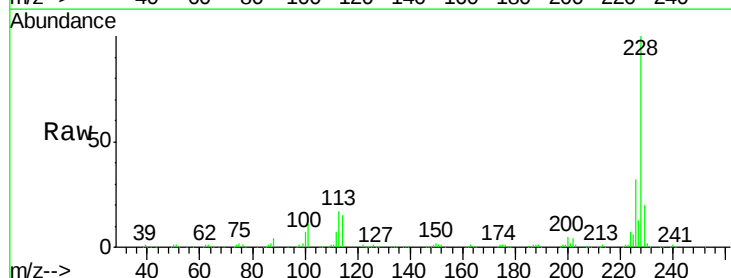
Instrument :
 BNA_F
 ClientSampleId :
 PB89347BS

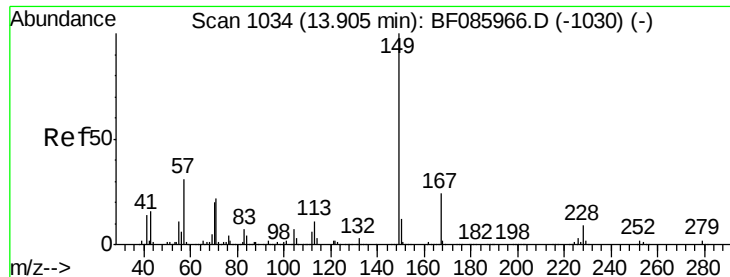
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.7	76.1
126	13.4	11.8	17.6



#82
 Chrysene
 Concen: 35.22 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.1	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.70 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

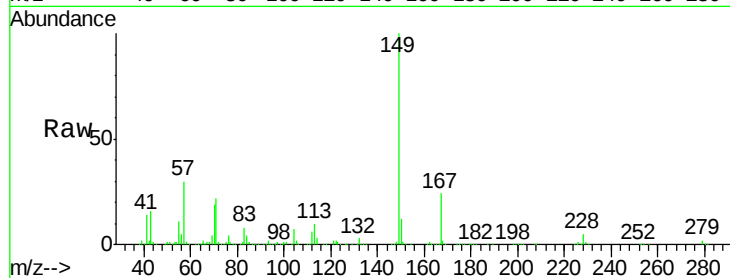
Tgt Ion:149 Resp: 439433

Ion Ratio Lower Upper

149 100

167 24.1 19.4 29.2

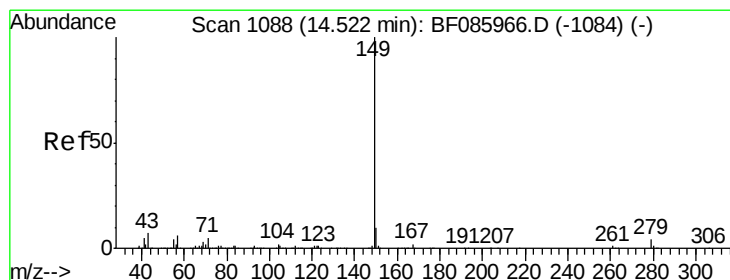
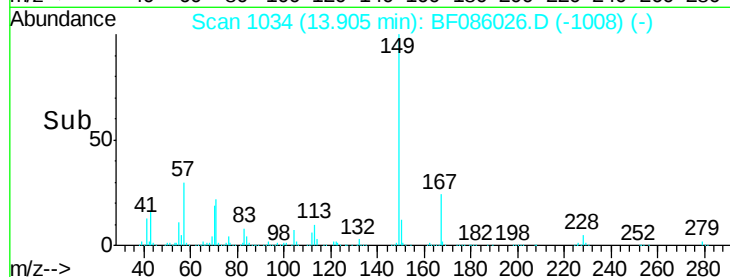
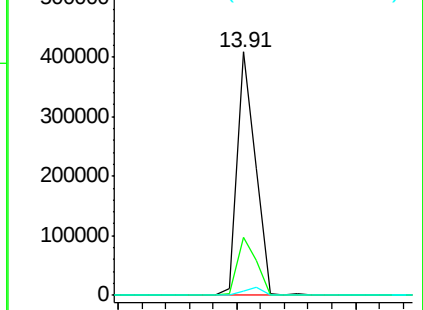
279 1.9 1.5 2.3



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: 45.82 ng

RT: 14.52 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

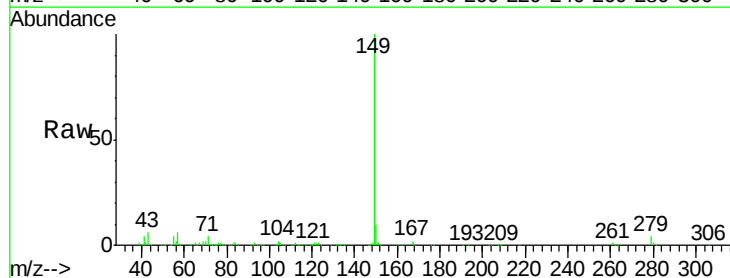
Tgt Ion:149 Resp: 703512

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

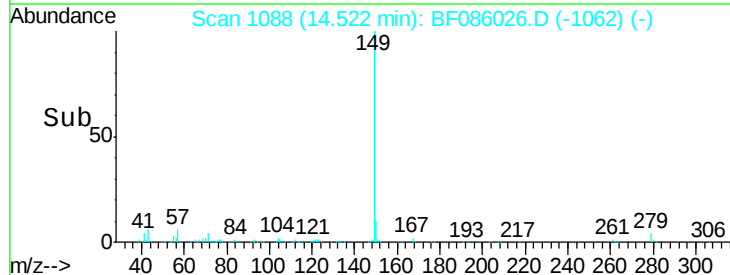
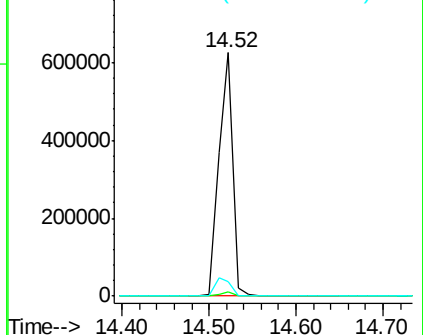
43 8.3 7.1 10.7

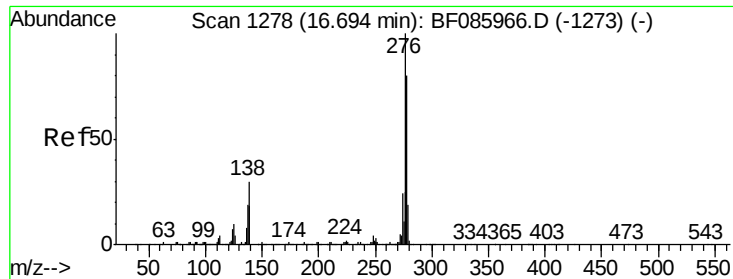


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

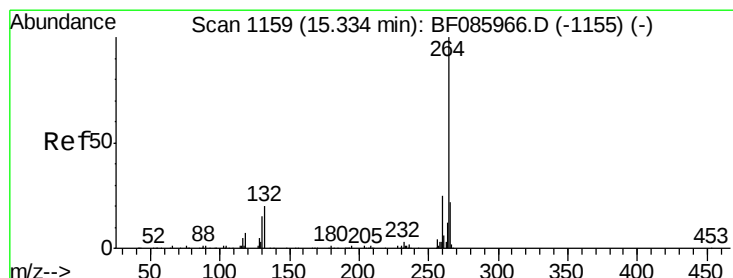
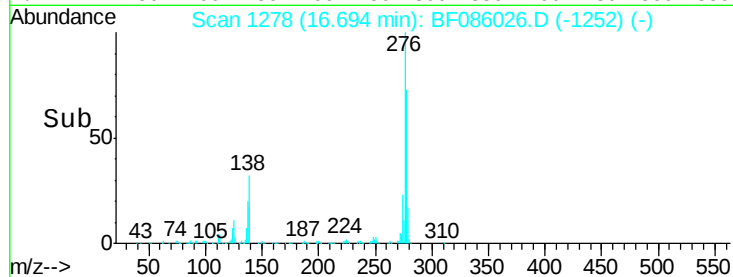
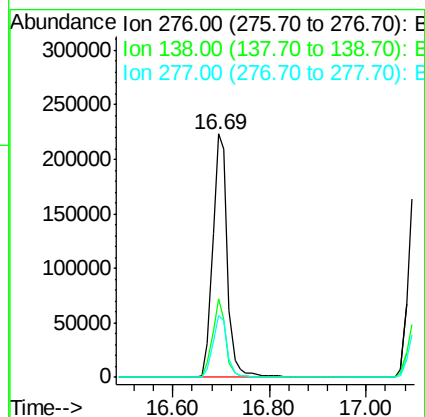
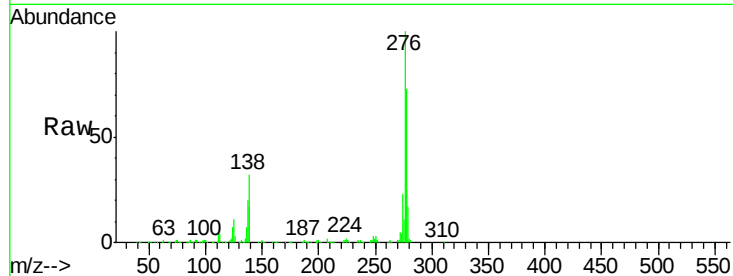




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.00 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

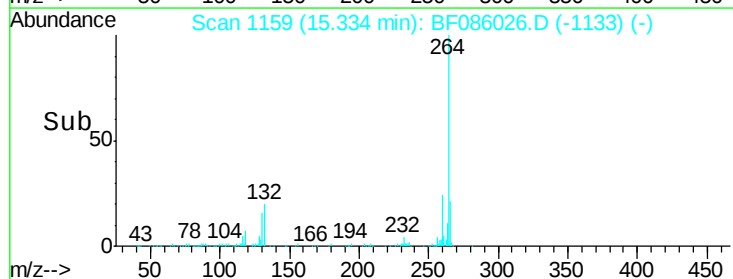
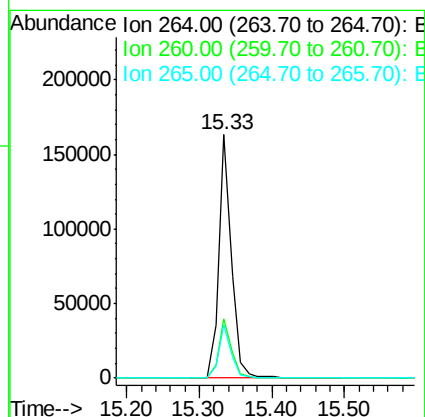
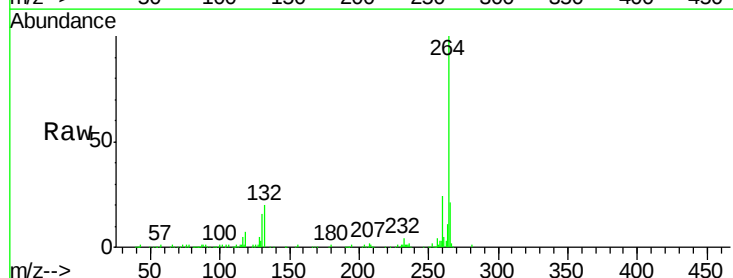
Instrument :
 BNA_F
 ClientSampleId :
 PB89347BS

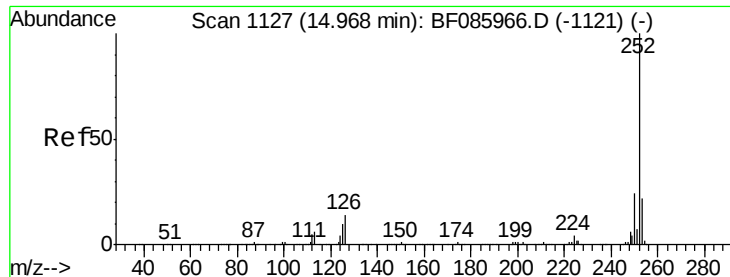
Tgt Ion:	276	Resp:	483785
Ion	Ratio	Lower	Upper
276	100		
138	29.4	24.2	36.4
277	25.2	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF086026.D
 Acq: 2 Apr 2016 22:05

Tgt Ion:	264	Resp:	196331
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.5	17.2	25.8

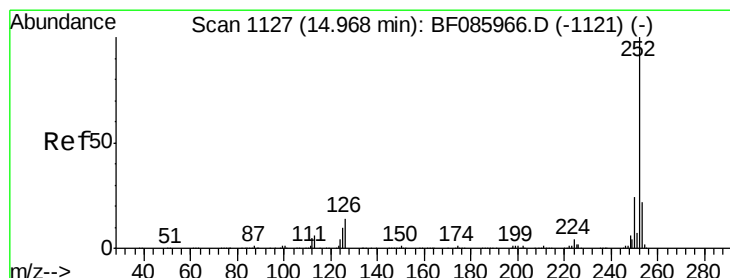
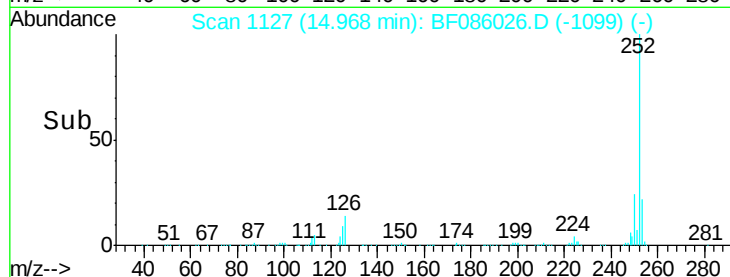
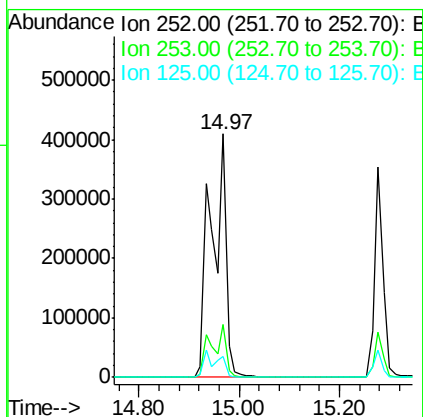
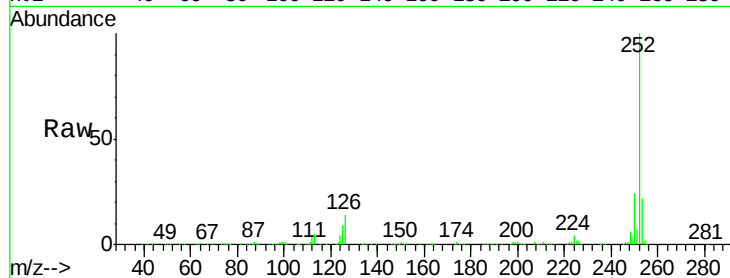




#87
Benzo(b)fluoranthene
Concen: 69.97 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

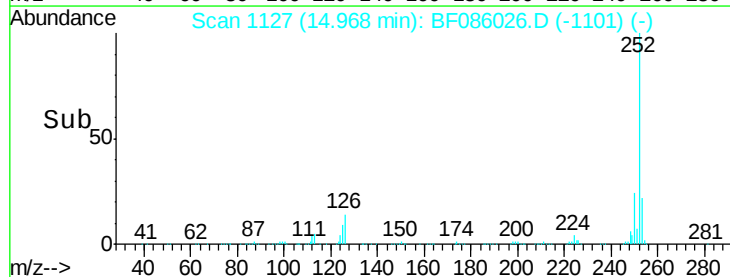
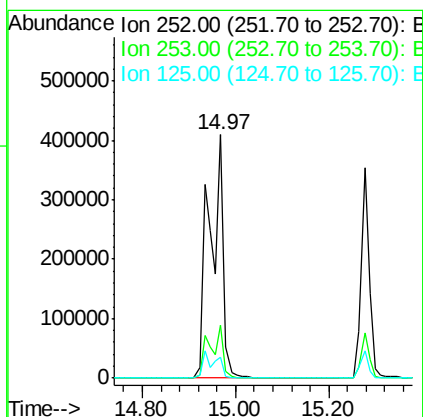
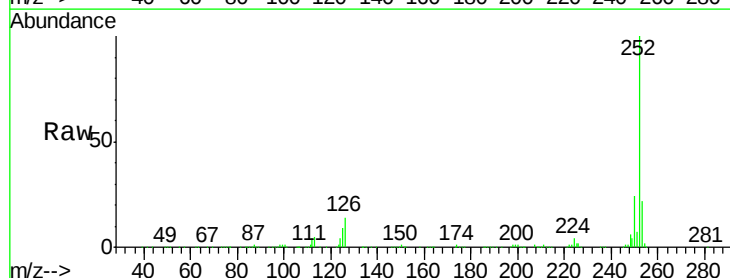
Instrument :
BNA_F
ClientSampleId :
PB89347BS

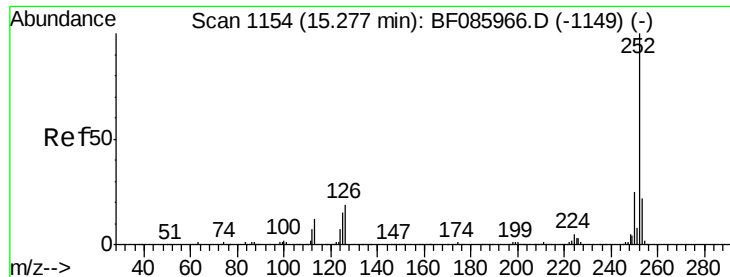
Tgt Ion:252 Resp: 864162
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.5 10.3 15.5#



#88
Benzo(k)fluoranthene
Concen: 79.04 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF086026.D
Acq: 2 Apr 2016 22:05

Tgt Ion:252 Resp: 864432
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 8.5 7.7 11.5





#89

Benzo(a)pyrene

Concen: 38.51 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

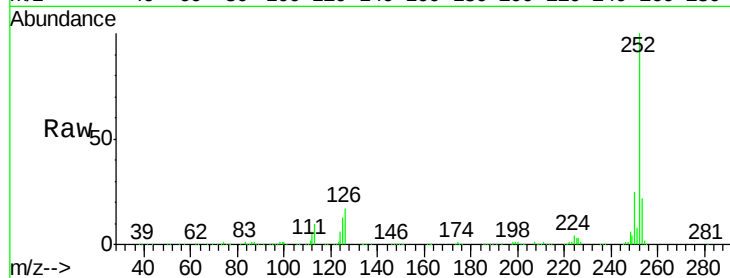
Tgt Ion:252 Resp: 421374

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

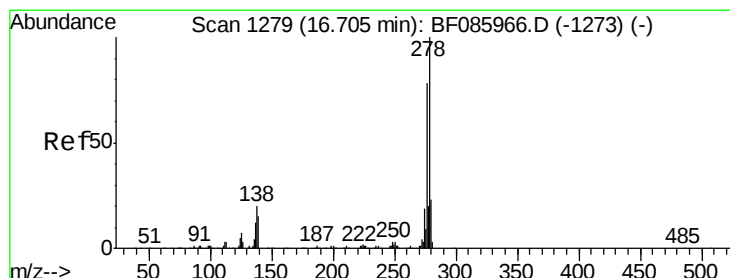
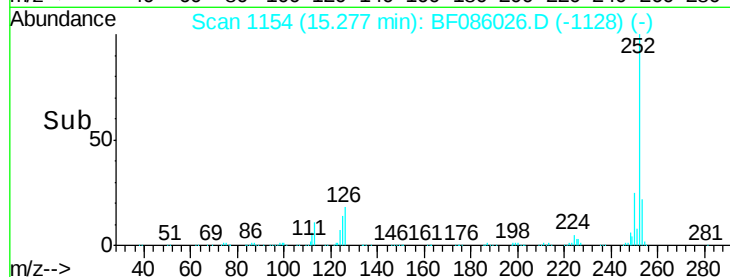
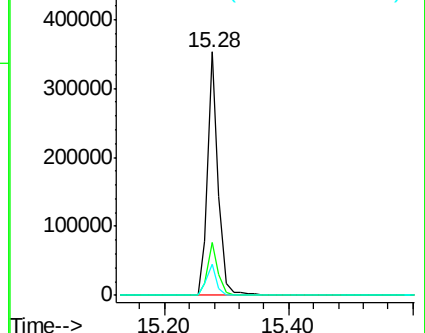
125 12.9 10.3 15.5



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: 46.17 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

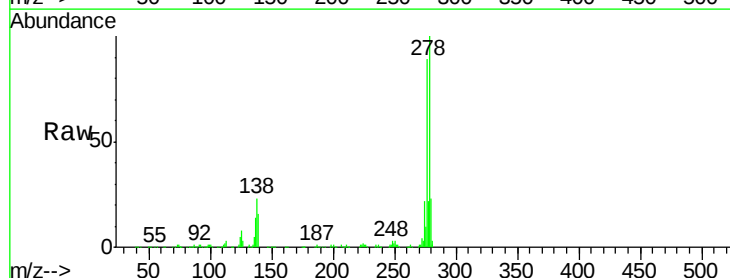
Tgt Ion:278 Resp: 406493

Ion Ratio Lower Upper

278 100

139 16.3 14.4 21.6

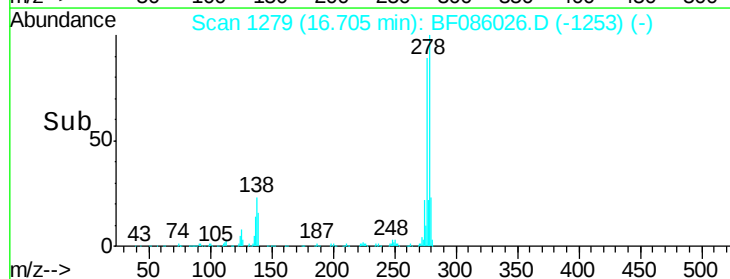
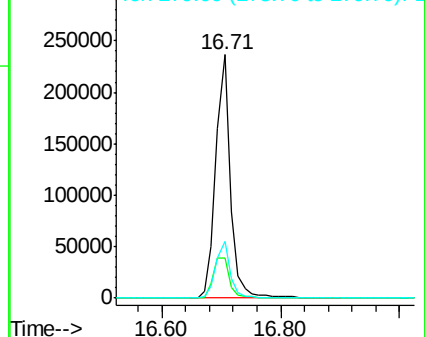
279 23.1 19.1 28.7

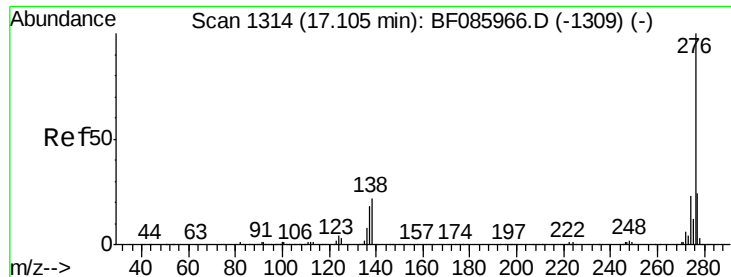


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.96 ng

RT: 17.11 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF086026.D

Acq: 2 Apr 2016 22:05

Instrument :

BNA_F

ClientSampleId :

PB89347BS

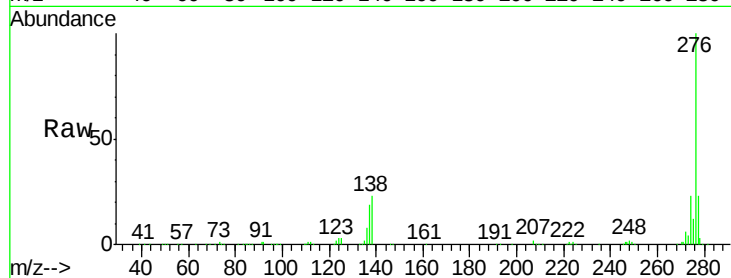
Tgt Ion:276 Resp: 391633

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 23.4 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

250000

200000

150000

100000

50000

0

17.11

17.00

17.20

17.40

Time-->

