

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
 Data File : BF086752.D
 Acq On : 7 May 2016 4:42
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 07 05:12:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	208650	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	872109	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	389335	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	671309	40.00	ng	-0.01
75) Chrysene-d12	13.86	240	449923	40.00	ng	0.00
86) Perylene-d12	15.23	264	393584	40.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	1042439	82.71	ng	-0.01
7) Phenol-d6	6.37	99	1210317	71.29	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1337572	78.81	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	287139	75.39	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1859220	78.28	ng	-0.01
78) Terphenyl-d14	12.81	244	1702846	76.49	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.24	88	242911	37.29	ng	# 73
3) Pyridine	2.96	79	565823	35.42	ng	# 69
4) n-Nitrosodimethylamine	2.88	42	428616	44.24	ng	# 51
6) Aniline	6.38	93	758872	36.22	ng	# 13
8) 2-Chlorophenol	6.50	128	588591	38.92	ng	91
9) Benzaldehyde	6.26	77	337620	39.86	ng	98
10) Phenol	6.38	94	742512	39.98	ng	# 50
11) bis(2-Chloroethyl)ether	6.45	93	554401	34.68	ng	87
12) 1,3-Dichlorobenzene	6.65	146	658544	41.01	ng	97
13) 1,4-Dichlorobenzene	6.73	146	659565	39.72	ng	98
14) 1,2-Dichlorobenzene	6.88	146	523820	36.23	ng	96
15) Benzyl Alcohol	6.88	79	453026	41.25	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1278879	39.13	ng	# 50
17) 2-Methylphenol	7.15	107	583346	47.90	ng	85
18) Hexachloroethane	7.22	117	261801	41.76	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	434328	37.44	ng	# 66
20) 3+4-Methylphenols	7.15	107	584512	40.99	ng	# 60
22) Acetophenone	7.14	105	867901	42.71	ng	# 96
24) Nitrobenzene	7.30	77	649594	37.02	ng	94
25) Isophorone	7.55	82	1238983	39.20	ng	99
26) 2-Nitrophenol	7.62	139	333508	42.60	ng	# 81
27) 2,4-Dimethylphenol	7.68	122	524989	38.19	ng	94
28) bis(2-Chloroethoxy)methane	7.76	93	658565	37.86	ng	98
29) 2,4-Dichlorophenol	7.87	162	476336	40.30	ng	95
30) 1,2,4-Trichlorobenzene	7.94	180	520184	39.45	ng	97
31) Naphthalene	8.02	128	1694554	38.03	ng	99
32) Benzoic acid	7.84	122	380526	66.93	ng	# 79
33) 4-Chloroaniline	8.08	127	606444	35.13	ng	# 89
34) Hexachlorobutadiene	8.13	225	287515	38.41	ng	97
35) Caprolactam	8.49	113	129255	35.33	ng	# 52
36) 4-Chloro-3-methylphenol	8.58	107	551723	40.92	ng	100
37) 2-Methylnaphthalene	8.70	142	950618	36.16	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	494475	43.88	ng	98
40) Hexachlorocyclopentadiene	8.85	237	254116	51.31	ng	97

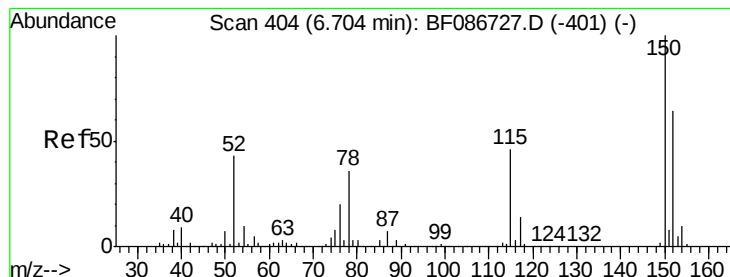
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
 Data File : BF086752.D
 Acq On : 7 May 2016 4:42
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
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Instrument :
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Quant Time: May 07 05:12:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	304891	42.55	nq	94
43) 2,4,5-Trichlorophenol	9.04	196	323037	43.15	nq	# 86
45) 1,1'-Biphenyl	9.17	154	1263834	39.71	nq	96
46) 2-Chloronaphthalene	9.20	162	973503	39.63	nq	94
47) 2-Nitroaniline	9.30	65	337571	38.66	nq	# 70
48) Acenaphthylene	9.61	152	1374238	37.69	nq	99
49) Dimethylphthalate	9.48	163	1177524	40.57	nq	98
50) 2,6-Dinitrotoluene	9.55	165	276074	44.32	nq	# 80
51) Acenaphthene	9.78	154	882018	36.67	nq	99
52) 3-Nitroaniline	9.72	138	269368	38.04	nq	98
53) 2,4-Dinitrophenol	9.82	184	102463	52.49	nq	88
54) Dibenzofuran	9.95	168	1090946	36.59	nq	93
55) 4-Nitrophenol	9.89	139	149011	36.10	nq	# 39
56) 2,4-Dinitrotoluene	9.95	165	312910	40.54	nq	# 88
57) Fluorene	10.29	166	970254	40.16	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	240101	43.67	nq	98
59) Diethylphthalate	10.18	149	1031351	37.54	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	432818	37.68	nq	94
61) 4-Nitroaniline	10.34	138	259765	38.18	nq	# 77
62) Azobenzene	10.44	77	1141178	37.49	nq	83
64) 4,6-Dinitro-2-methylphenol	10.35	198	166020	48.68	nq	# 24
65) n-Nitrosodiphenylamine	10.41	169	802092	37.63	nq	99
66) 4-Bromophenyl-phenylether	10.77	248	270535	40.55	nq	97
67) Hexachlorobenzene	10.83	284	318108	39.10	nq	# 58
68) Atrazine	10.94	200	240366	36.80	nq	96
69) Pentachlorophenol	11.04	266	184574	49.17	nq	96
70) Phenanthrene	11.25	178	1473234	40.86	nq	99
71) Anthracene	11.30	178	1339890	35.49	nq	99
72) Carbazole	11.46	167	1182228	36.05	nq	98
73) Di-n-butylphthalate	11.79	149	1533192	39.39	nq	# 97
74) Fluoranthene	12.43	202	1397104	38.66	nq	96
76) Benzidine	12.57	184	445396	37.89	nq	96
77) Pyrene	12.66	202	1463025	40.79	nq	99
79) Butylbenzylphthalate	13.29	149	679972	45.26	nq	92
80) Benzo(a)anthracene	13.84	228	995103	39.11	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	690315	43.17	nq	98
82) Chrysene	13.88	228	1129887	41.62	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	842244	48.44	nq	# 99
84) Di-n-octyl phthalate	14.45	149	1380742	53.97	nq	# 82
85) Indeno(1,2,3-cd)pyrene	16.53	276	932472	40.04	nq	96
87) Benzo(b)fluoranthene	14.88	252	1886468	79.77	nq	# 96
88) Benzo(k)fluoranthene	14.88	252	1888144	84.74	nq	99
89) Benzo(a)pyrene	15.17	252	845139	38.80	nq	# 97
90) Dibenzo(a,h)anthracene	16.55	278	773175	36.95	nq	97
91) Benzo(g,h,i)perylene	16.92	276	756000	34.41	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

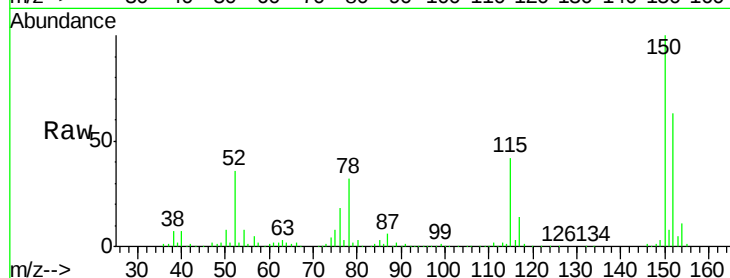
Tot Ion:152 Resp: 208650

Ion Ratio Lower Upper

152 100

150 157.8 125.8 188.6

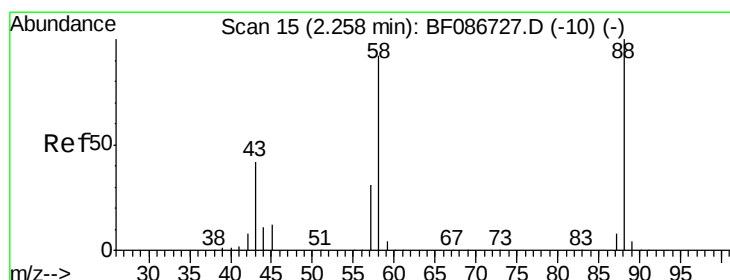
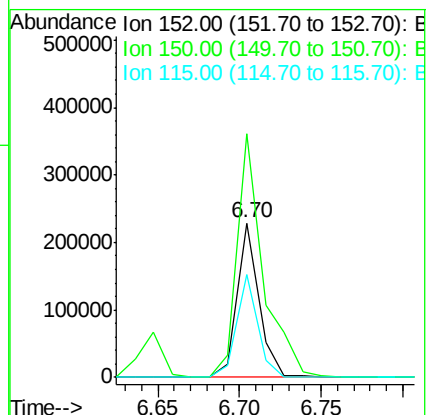
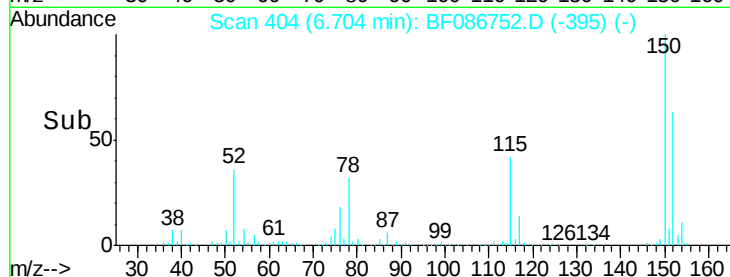
115 67.0 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.29 ng

RT: 2.24 min Scan# 13

Delta R.T. -0.02 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

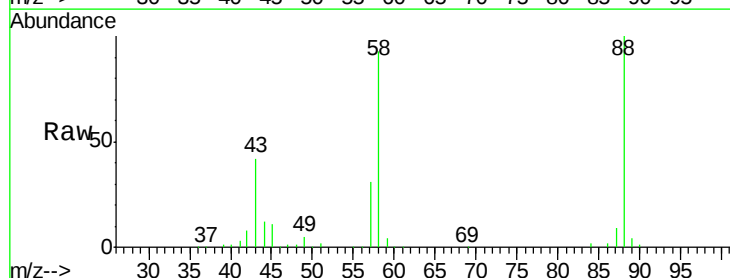
Tgt Ion: 88 Resp: 242911

Ion Ratio Lower Upper

88 100

58 96.5 59.6 89.4#

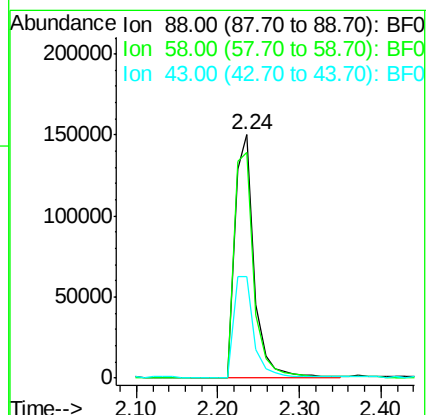
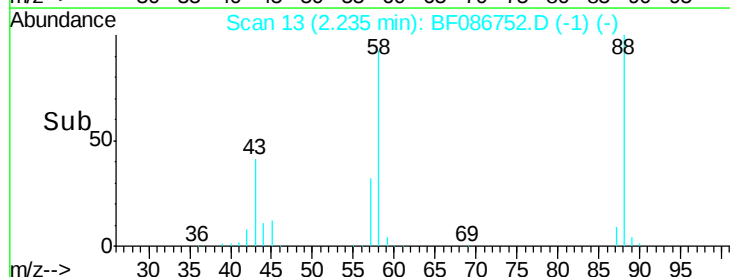
43 43.5 21.8 32.6#

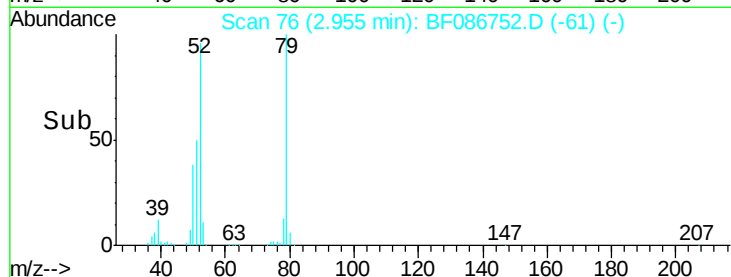
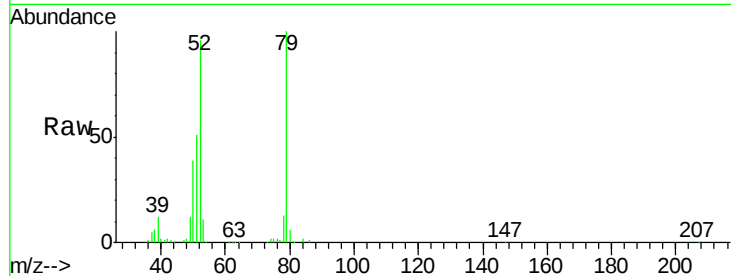
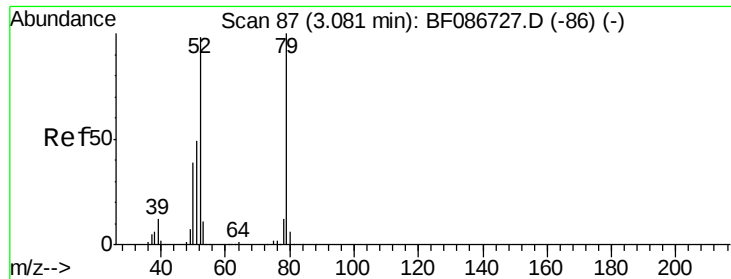


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.42 ng

RT: 2.96 min Scan# 76

Delta R.T. -0.13 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

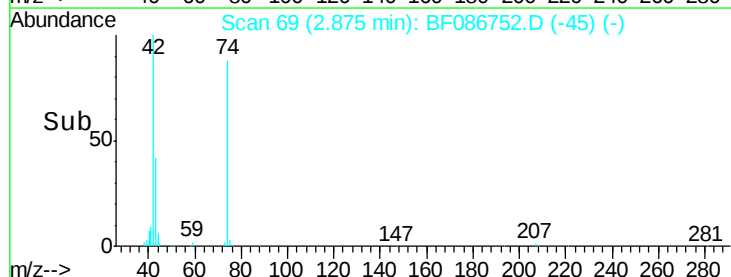
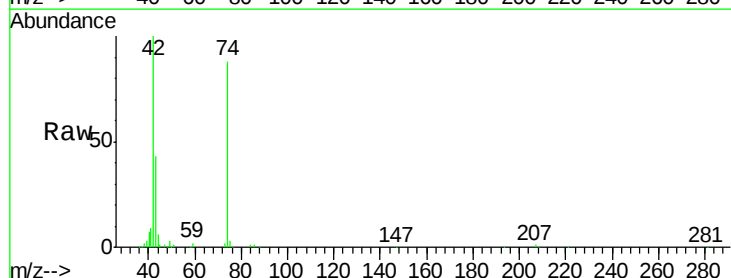
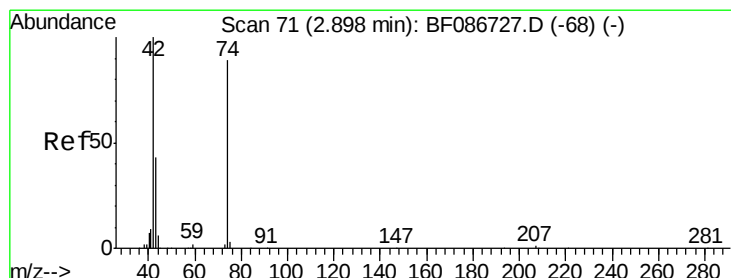
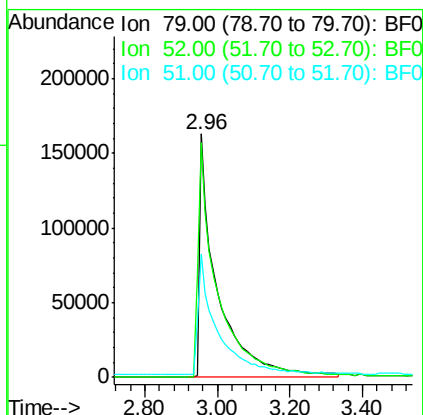
Tot Ion: 79 Resp: 565823

Ion Ratio Lower Upper

79 100

52 96.5 55.9 83.9#

51 50.8 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 44.24 ng

RT: 2.88 min Scan# 69

Delta R.T. -0.02 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

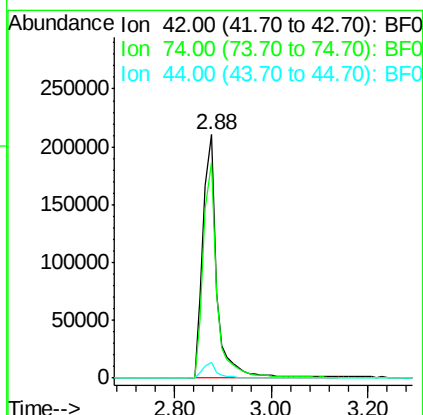
Tgt Ion: 42 Resp: 428616

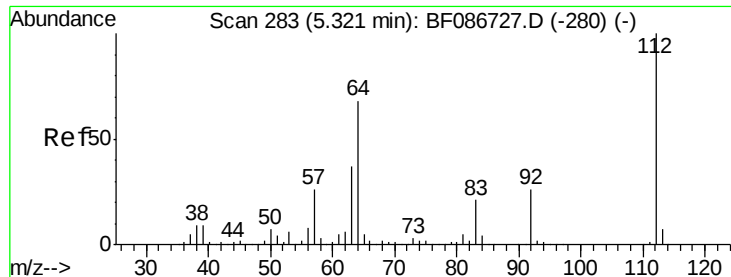
Ion Ratio Lower Upper

42 100

74 88.4 123.4 185.0#

44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 82.71 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampled :

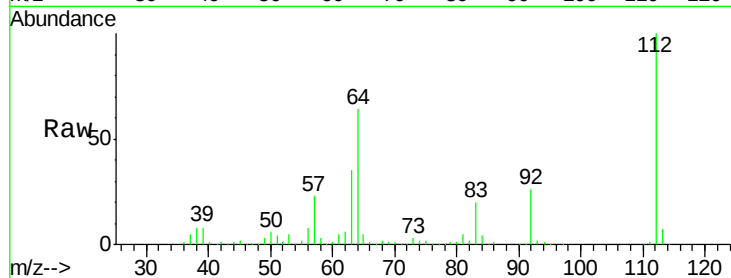
Tot Ion:112 Resp: 1042439

Ion Ratio Lower Upper

112 100

64 64.0 52.1 78.1

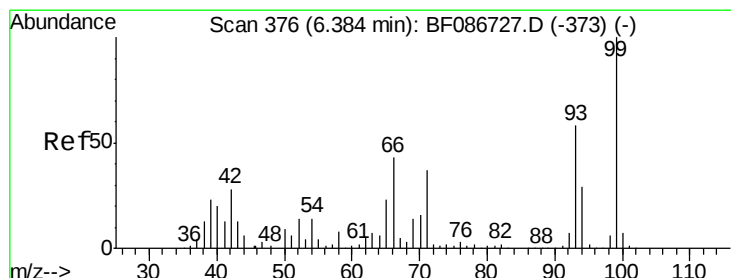
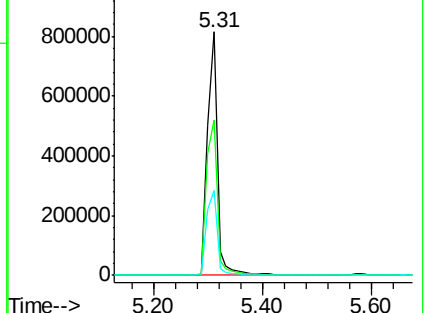
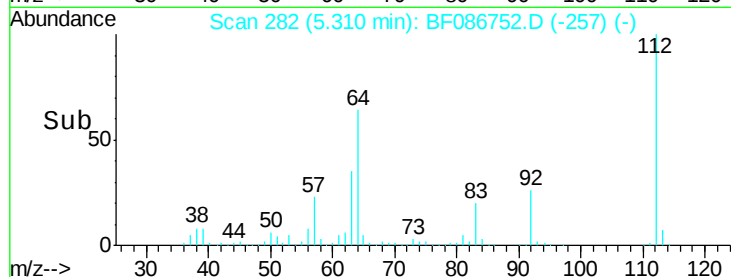
63 34.9 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.22 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

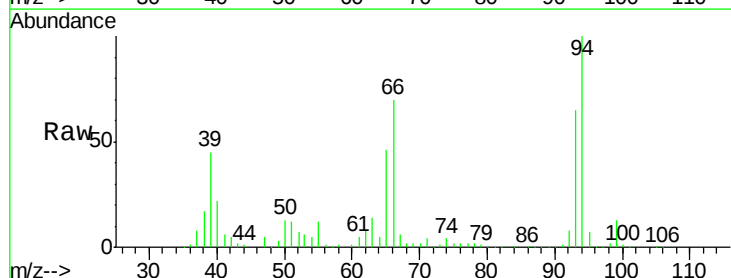
Tgt Ion: 93 Resp: 758872

Ion Ratio Lower Upper

93 100

66 107.2 39.0 58.6#

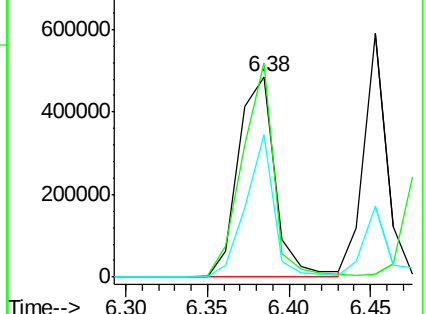
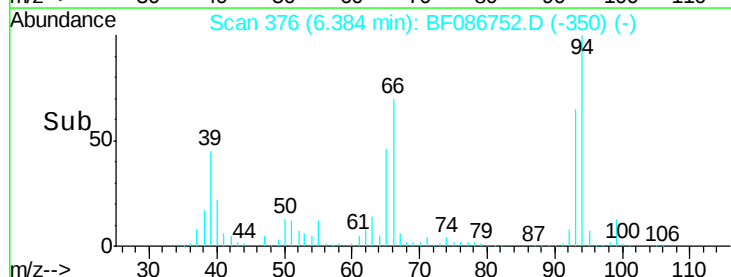
65 71.3 20.6 31.0#

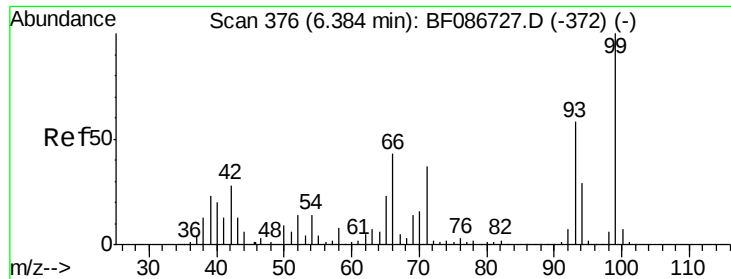


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.29 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

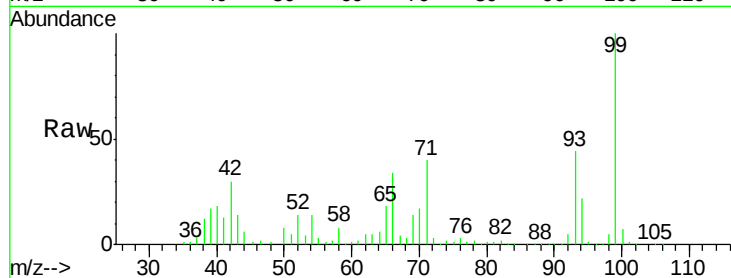
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1210317

Ion	Ratio	Lower	Upper
99	100		
42	30.1	13.6	20.4#
71	39.6	24.6	36.8#

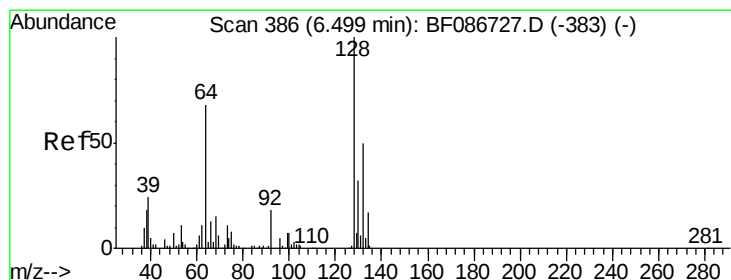
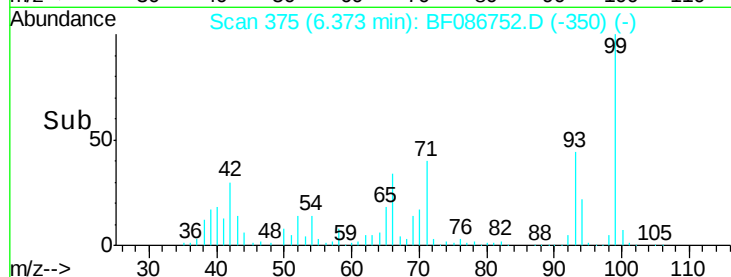
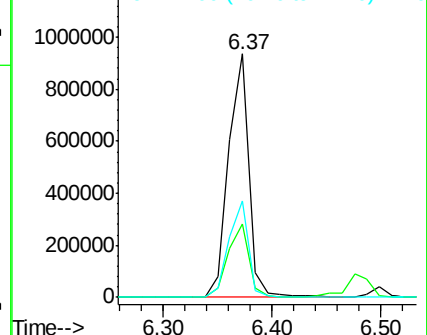


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.92 ng

RT: 6.50 min Scan# 386

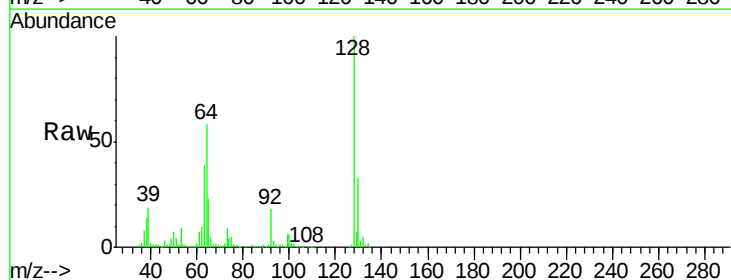
Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Tgt Ion: 128 Resp: 588591

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	57.6	27.3	67.3

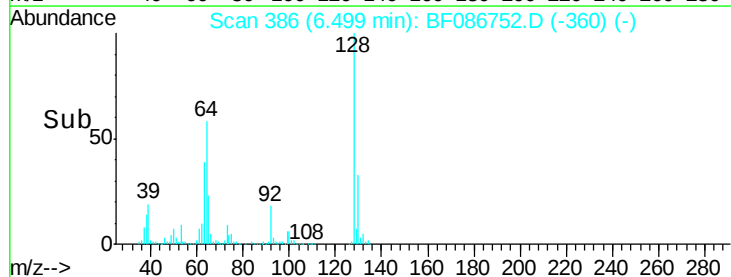
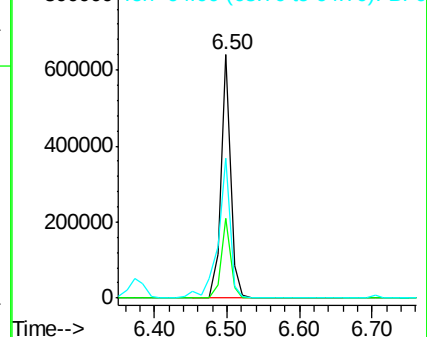


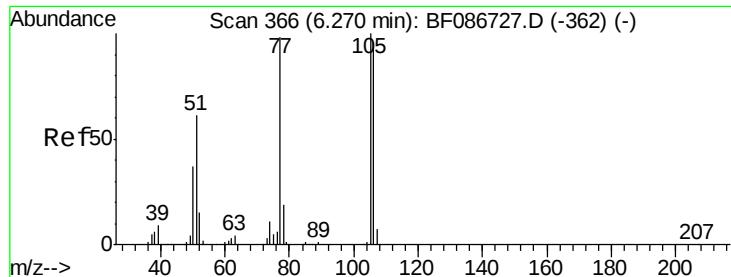
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.86 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

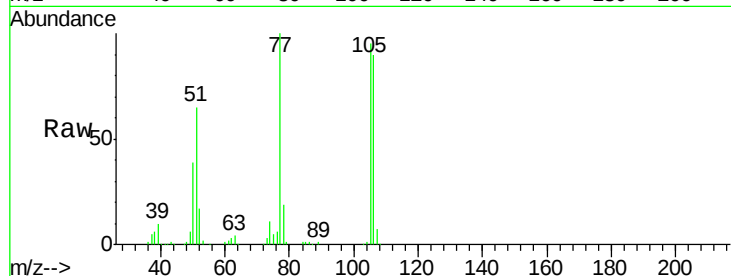
Tot Ion: 77 Resp: 337620

Ion Ratio Lower Upper

77 100

105 94.9 72.7 112.7

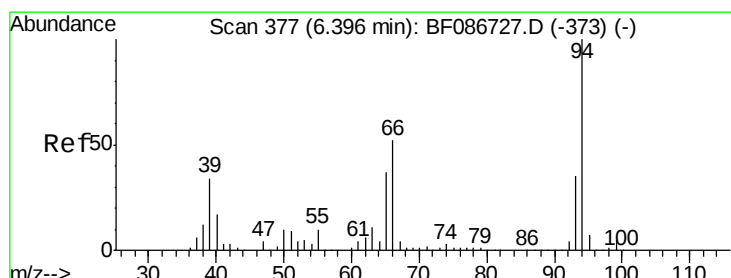
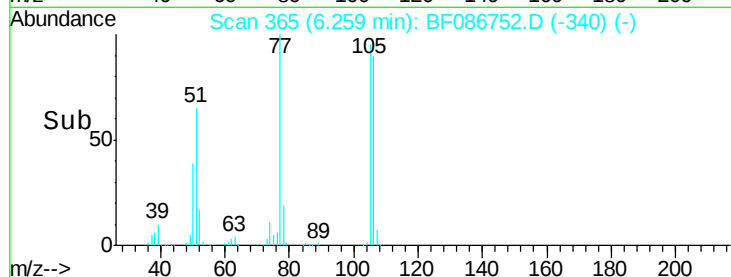
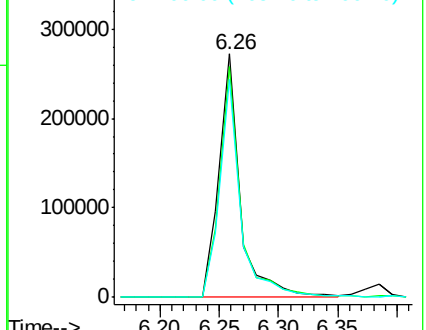
106 89.8 70.8 110.8



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: 39.98 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

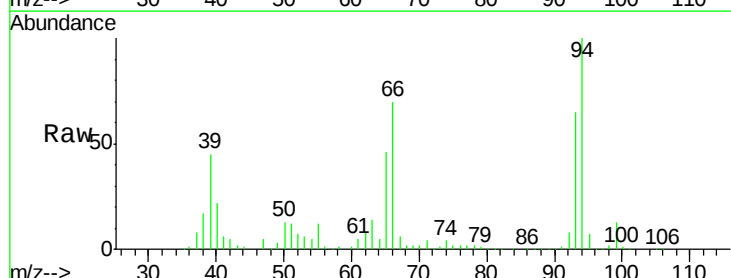
Tgt Ion: 94 Resp: 742512

Ion Ratio Lower Upper

94 100

65 46.3 7.2 47.2

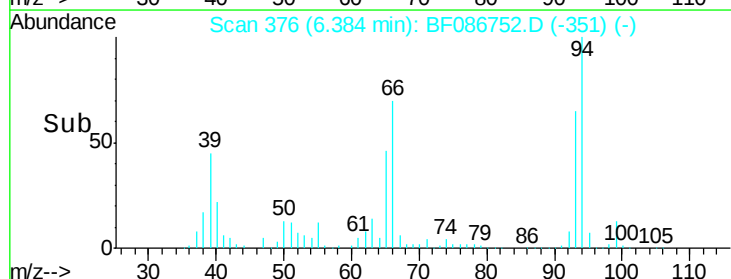
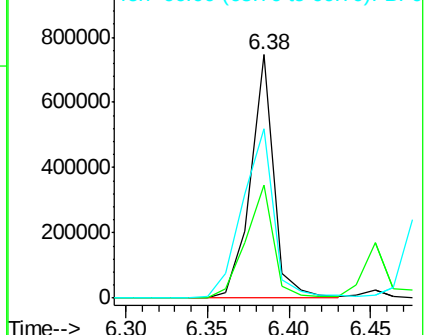
66 69.6 14.9 54.9#

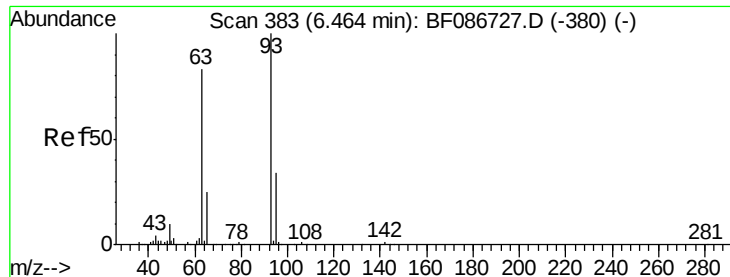


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.68 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

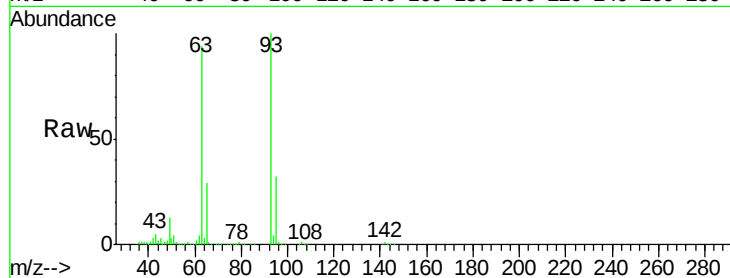
Tot Ion: 93 Resp: 554401

Ion Ratio Lower Upper

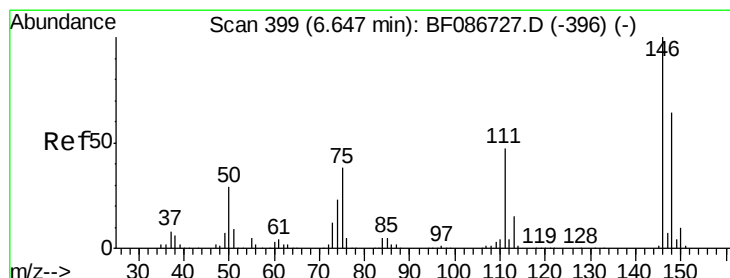
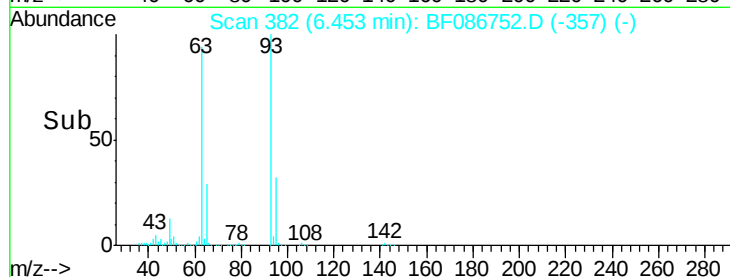
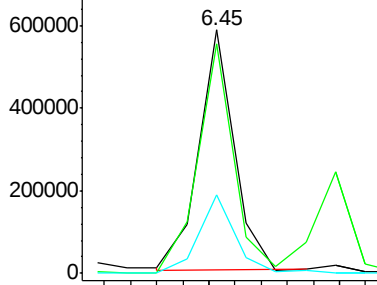
93 100

63 94.1 58.0 98.0

95 32.3 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.01 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

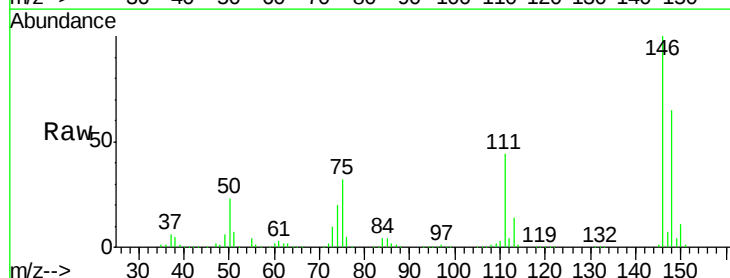
Tgt Ion: 146 Resp: 658544

Ion Ratio Lower Upper

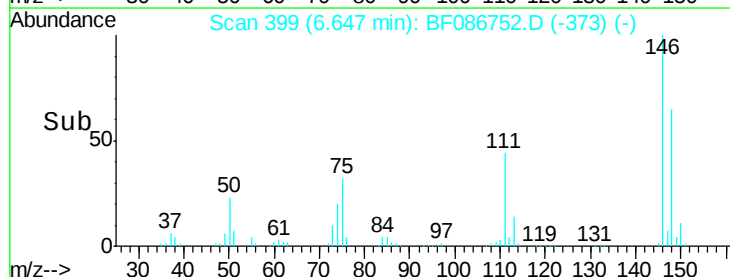
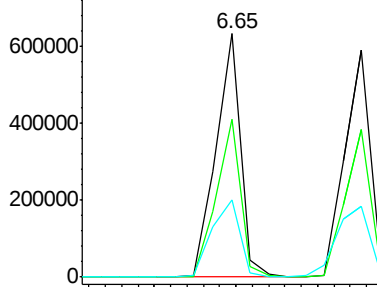
146 100

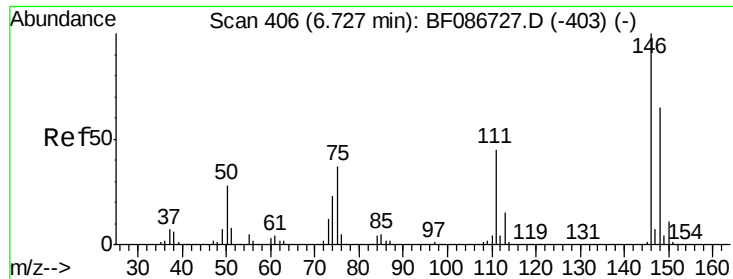
148 64.7 52.4 78.6

75 32.0 22.8 34.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

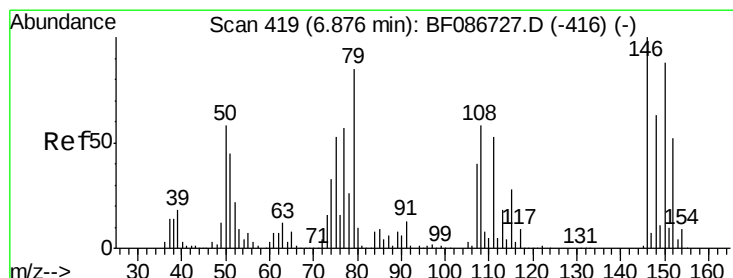
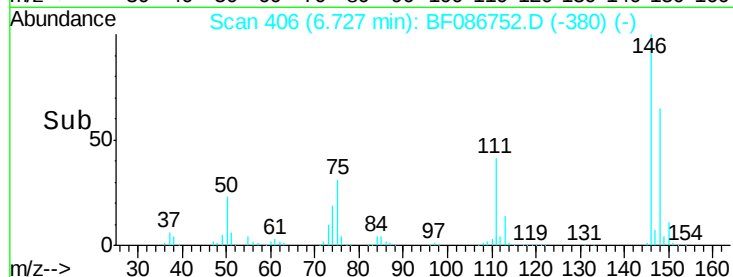
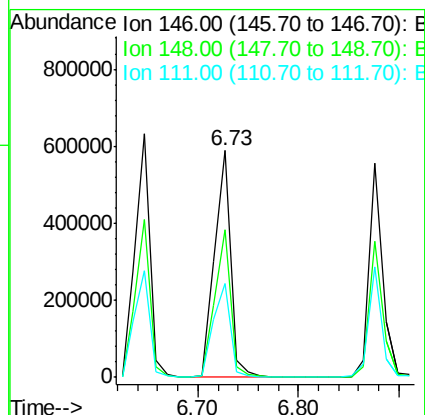
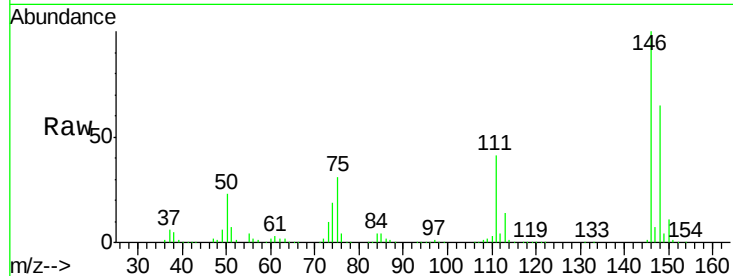




#13
 1,4-Dichlorobenzene
 Concen: 39.72 ng
 RT: 6.73 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

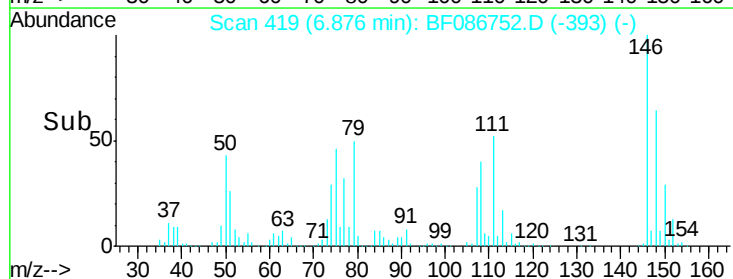
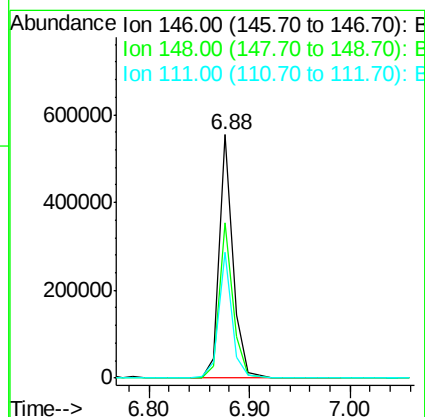
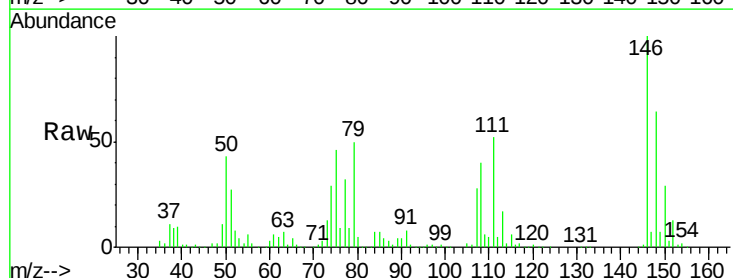
Instrument :
 BNA_F
 ClientSampleID :

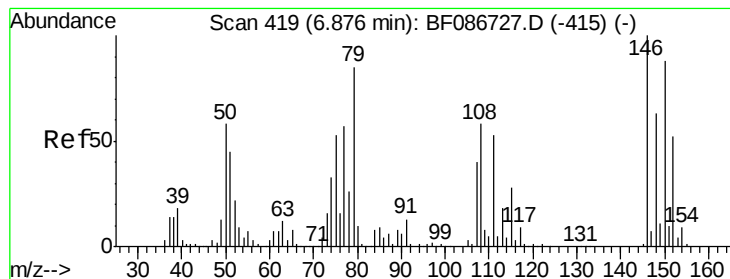
Tot Ion:146 Resp: 659565
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.4
 111 41.5 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 36.23 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion:146 Resp: 523820
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 111 51.8 36.2 54.4





#15

Benzyl Alcohol

Concen: 41.25 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

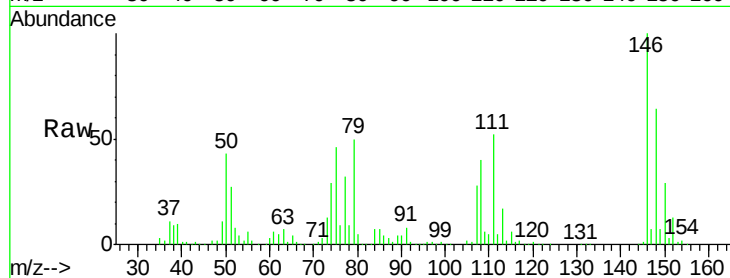
Tot Ion: 79 Resp: 453026

Ion Ratio Lower Upper

79 100

108 79.8 68.4 102.6

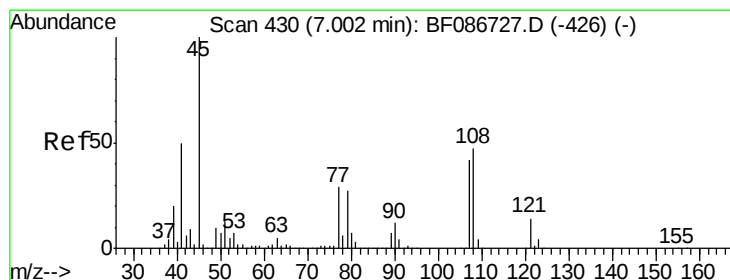
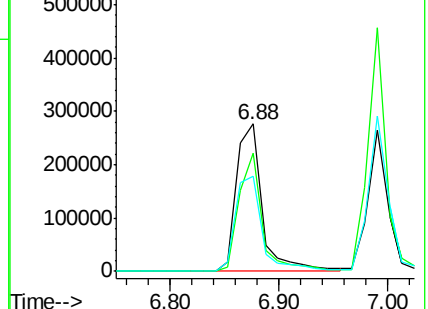
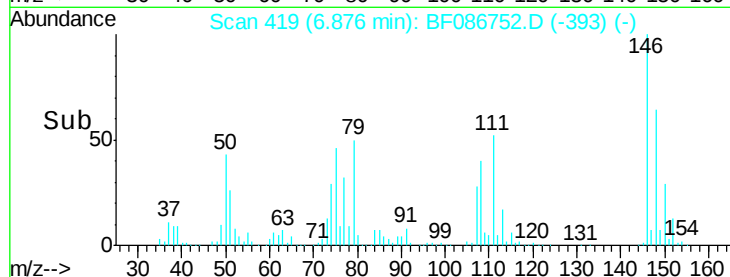
77 64.4 50.6 76.0



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: 39.13 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

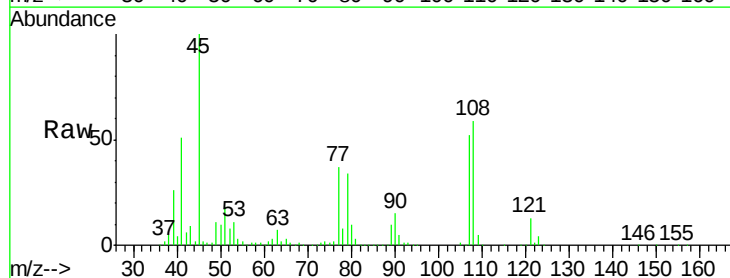
Tgt Ion: 45 Resp: 1278879

Ion Ratio Lower Upper

45 100

77 37.4 0.0 36.4#

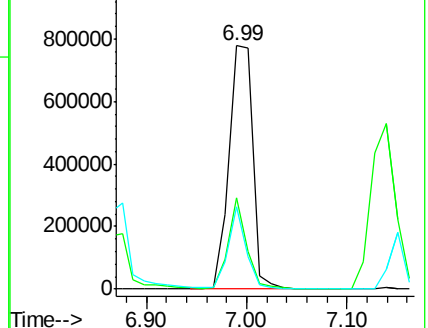
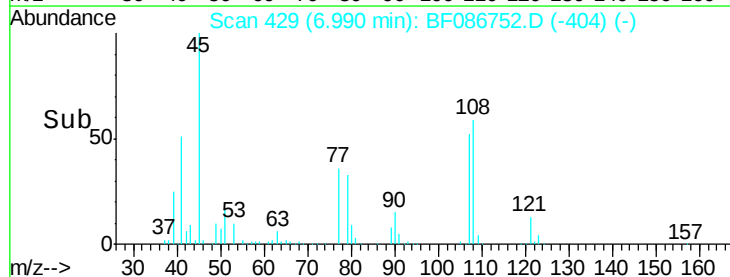
79 34.0 0.0 33.4#

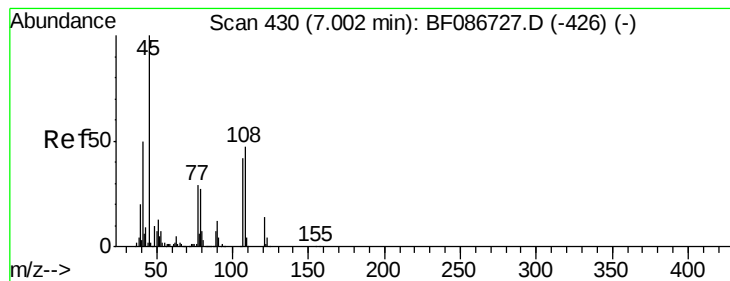


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 47.90 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.15 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 583346

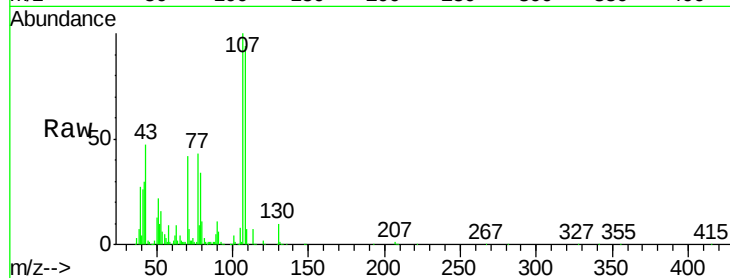
Ion Ratio Lower Upper

107 100

108 94.3 93.7 140.5

77 42.6 33.4 50.0

79 34.4 34.3 51.5

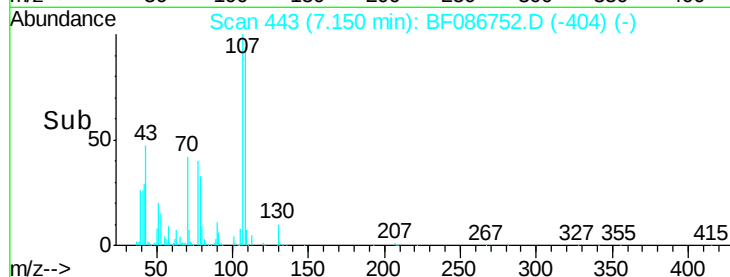


Abundance Ion 107.00 (106.70 to 107.70): E

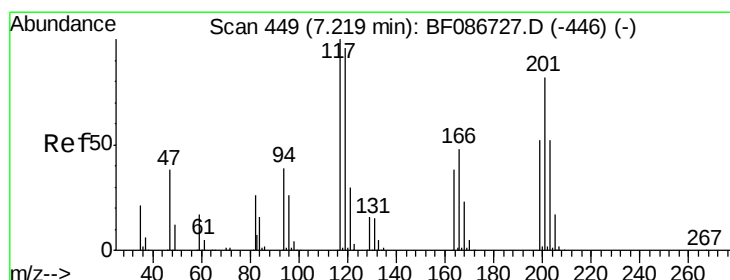
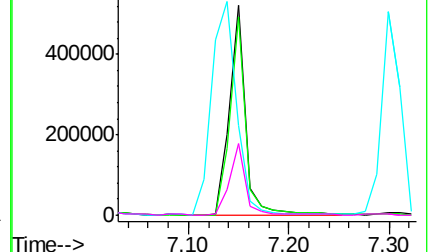
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 41.76 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

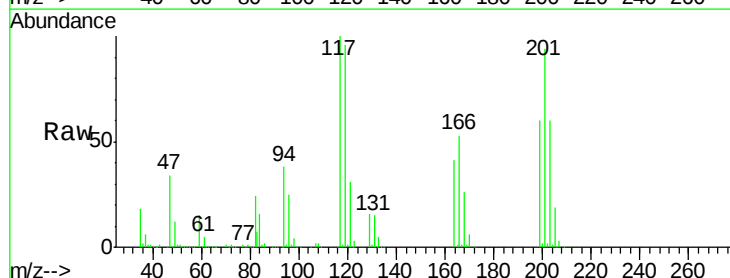
Tgt Ion:117 Resp: 261801

Ion Ratio Lower Upper

117 100

119 96.4 76.5 114.7

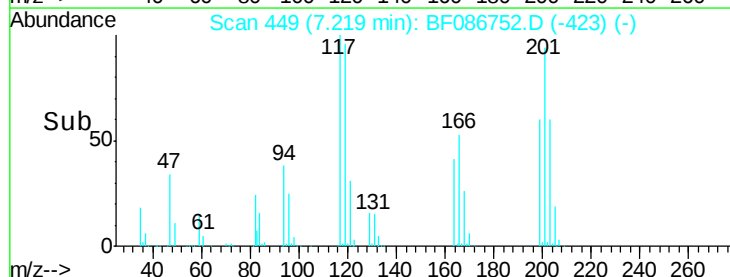
201 93.7 63.0 94.6



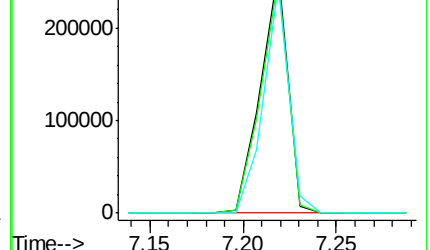
Abundance Ion 117.00 (116.70 to 117.70): E

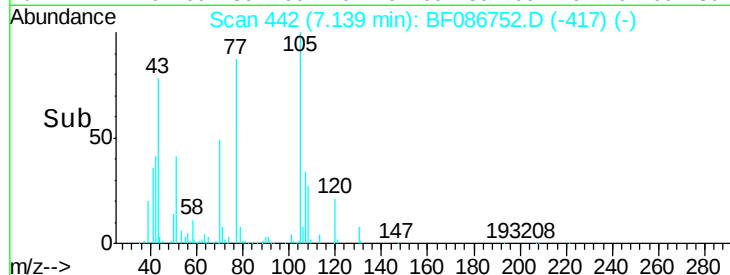
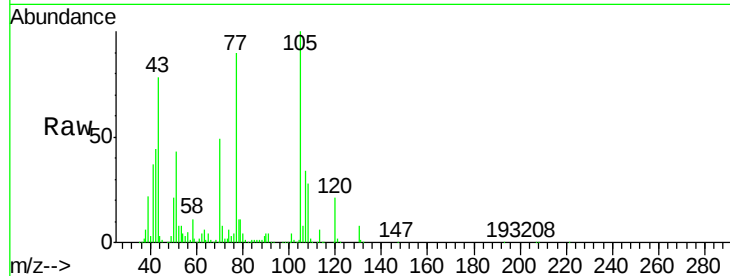
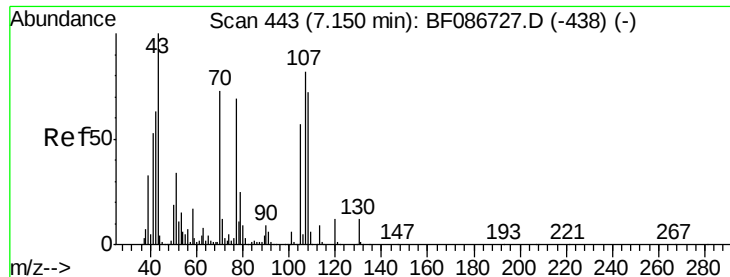
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->

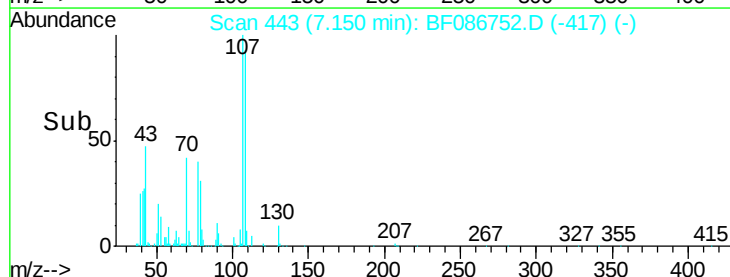
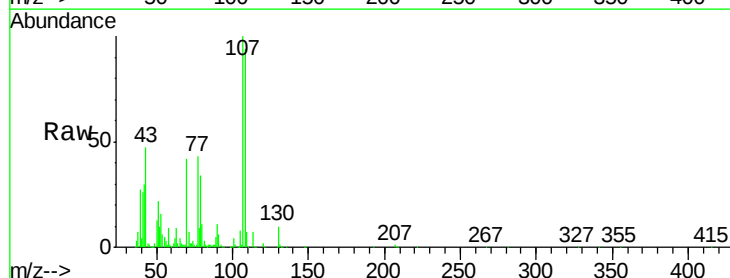
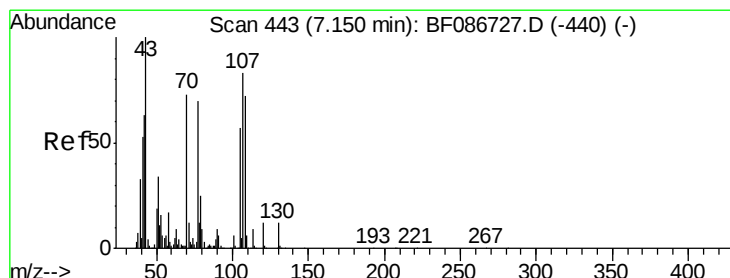
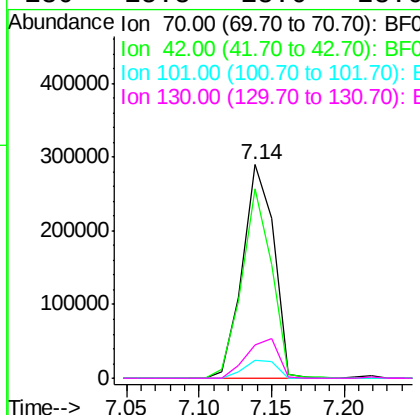




#19
n-Nitroso-di-n-propylamine
Concen: 37.44 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

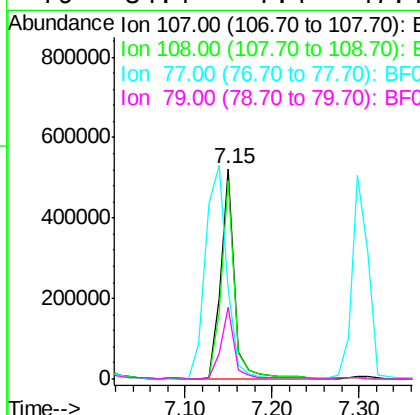
Instrument :
BNA_F
ClientSampleId :

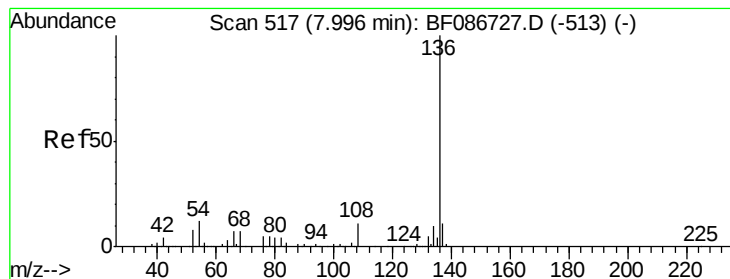
Tot Ion: 70 Resp: 434328
Ion Ratio Lower Upper
70 100
42 88.4 43.1 64.7#
101 8.2 8.1 12.1
130 15.8 18.6 28.0#



#20
3+4-Methylphenols
Concen: 40.99 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion: 107 Resp: 584512
Ion Ratio Lower Upper
107 100
108 94.3 68.5 108.5
77 42.6 101.6 141.6#
79 34.4 7.4 47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 872109

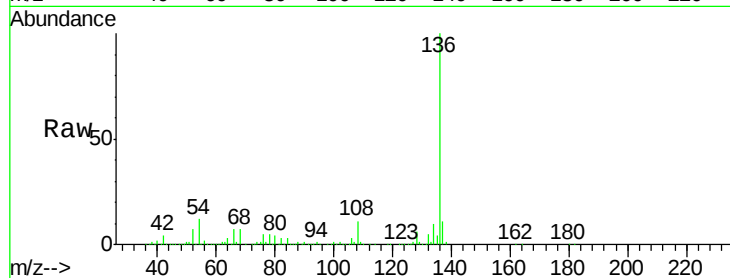
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 11.7 5.0 7.4#

68 6.6 4.4 6.6#

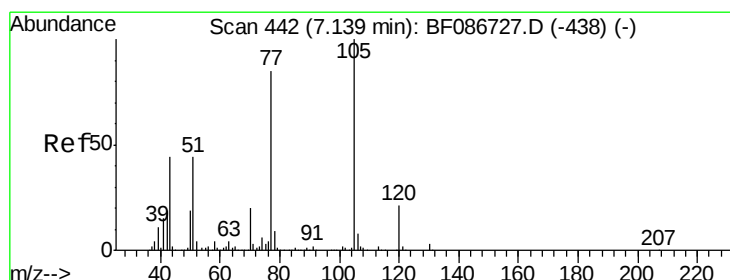
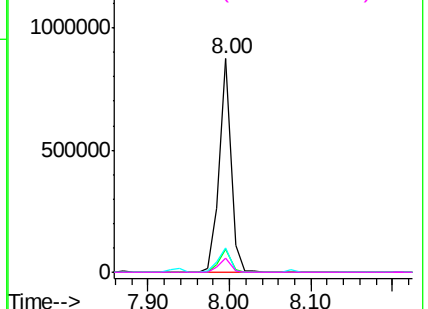
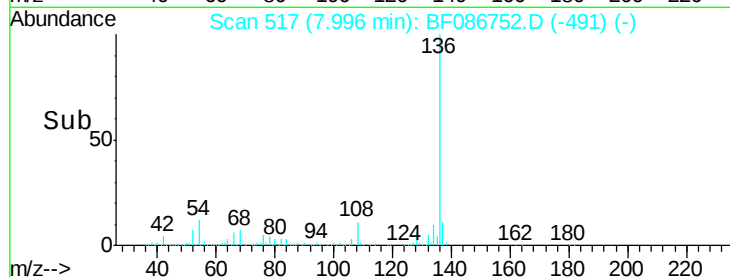


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.71 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Tgt Ion:105 Resp: 867901

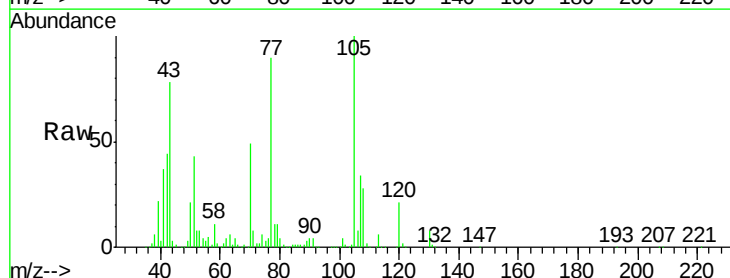
Ion Ratio Lower Upper

105 100

71 8.4 4.8 7.2#

51 43.3 32.6 49.0

120 21.3 16.5 24.7

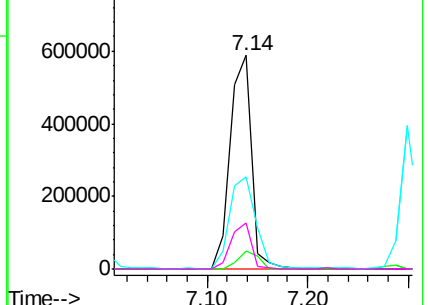
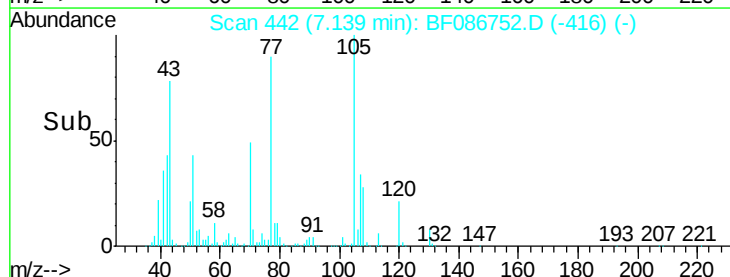


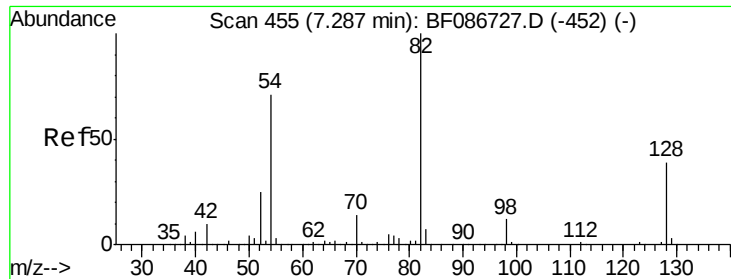
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

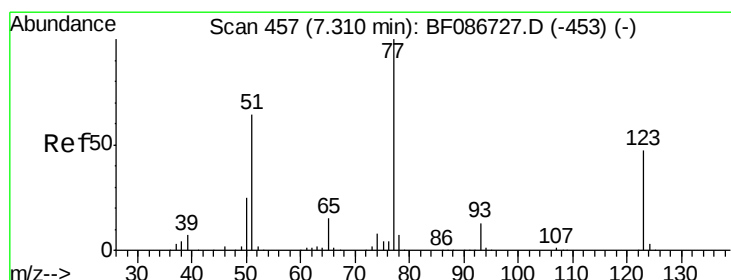
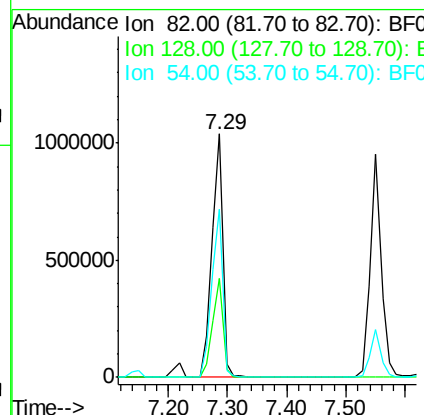
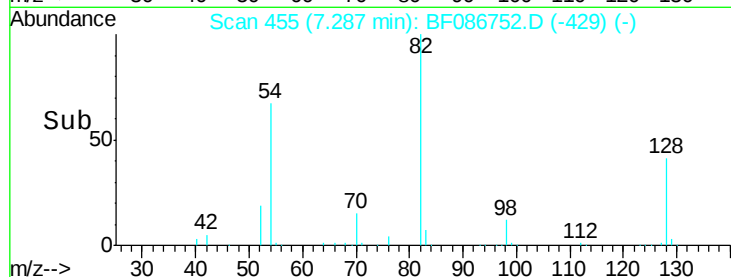
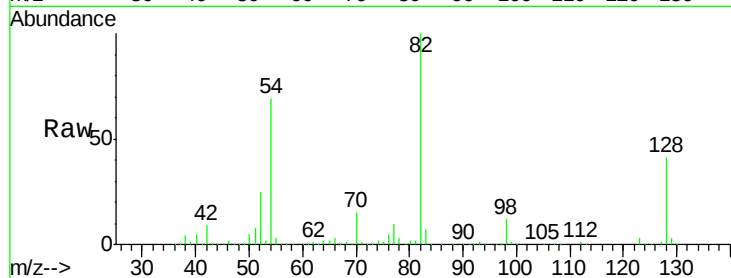




#23
 Nitrobenzene-d5
 Concen: 78.81 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

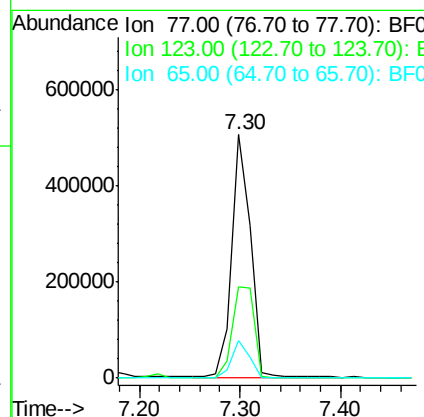
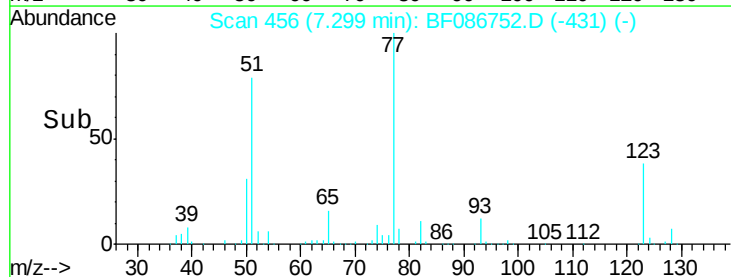
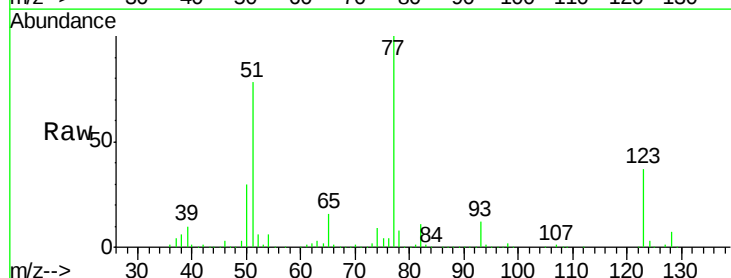
Instrument :
 BNA_F
 ClientSampleId :

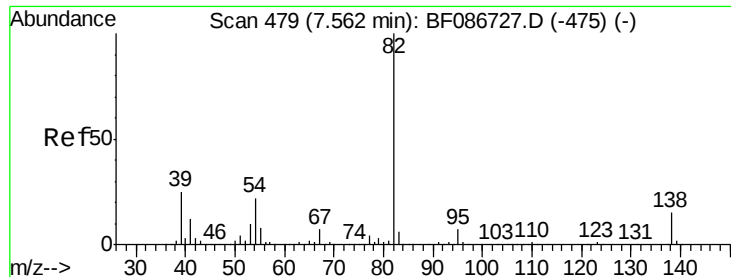
Tot Ion: 82 Resp: 1337572
 Ion Ratio Lower Upper
 82 100
 128 40.7 40.6 61.0
 54 69.1 38.1 57.1#



#24
 Nitrobenzene
 Concen: 37.02 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion: 77 Resp: 649594
 Ion Ratio Lower Upper
 77 100
 123 37.3 33.0 49.4
 65 15.6 10.8 16.2





#25

Isophorone

Concen: 39.20 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :

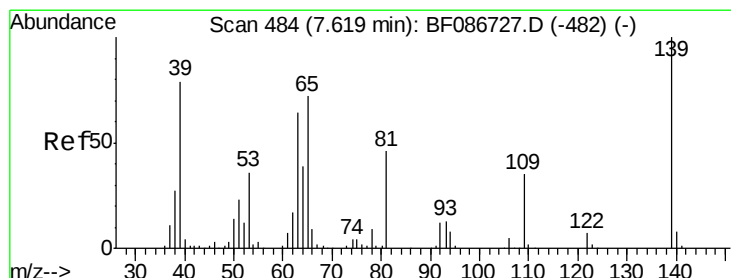
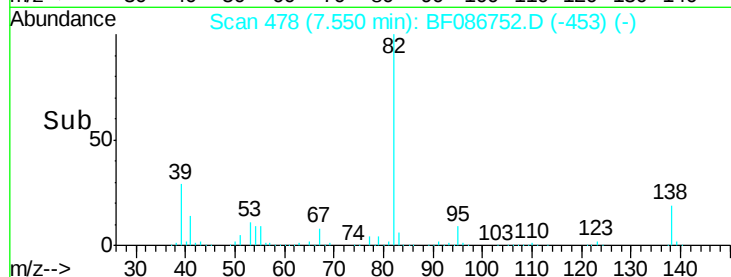
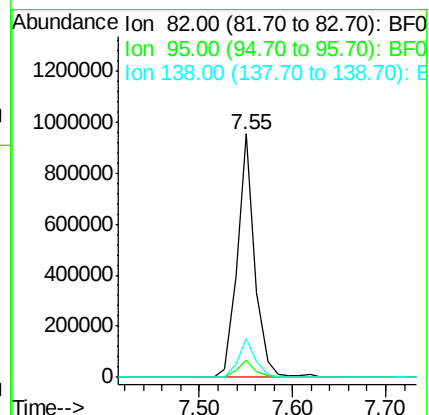
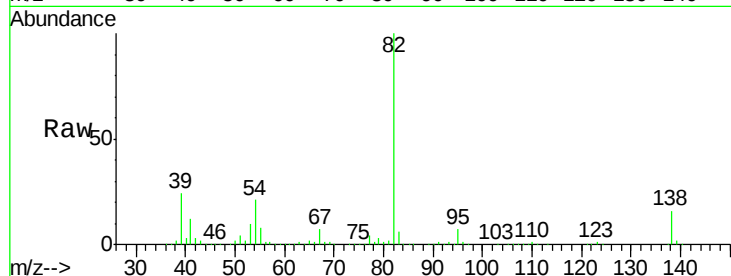
Tot Ion: 82 Resp: 1238983

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

138 15.8 12.4 18.6



#26

2-Nitrophenol

Concen: 42.60 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

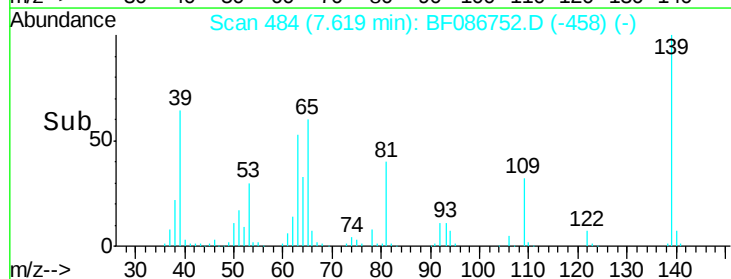
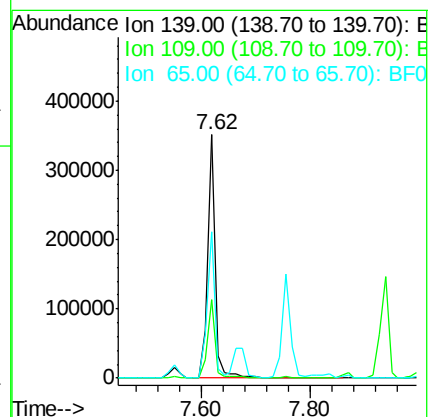
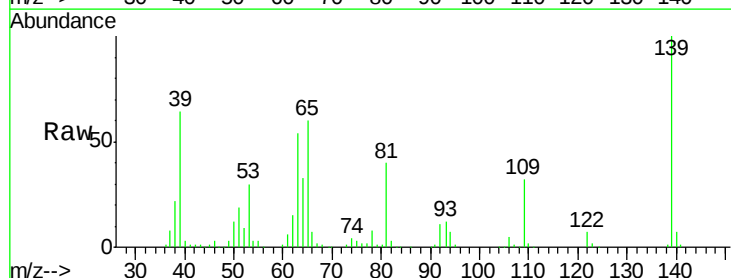
Tgt Ion: 139 Resp: 333508

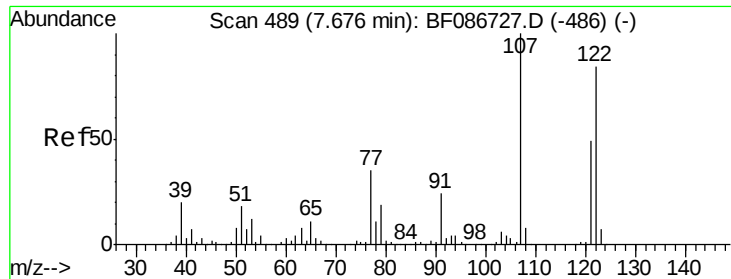
Ion Ratio Lower Upper

139 100

109 32.2 19.5 29.3#

65 60.3 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 38.19 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

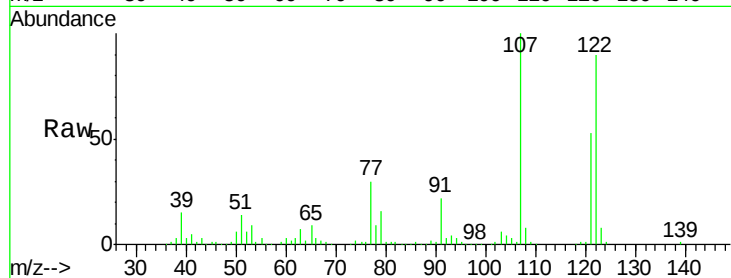
Tot Ion:122 Resp: 524989

Ion Ratio Lower Upper

122 100

107 110.9 82.0 123.0

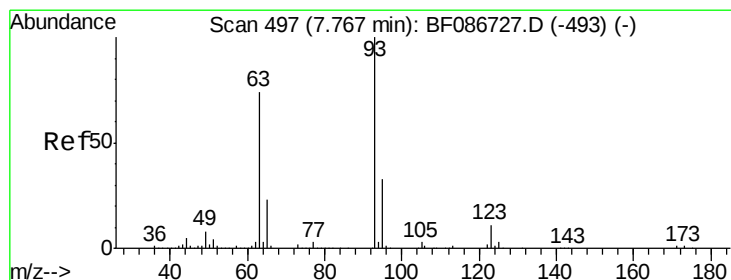
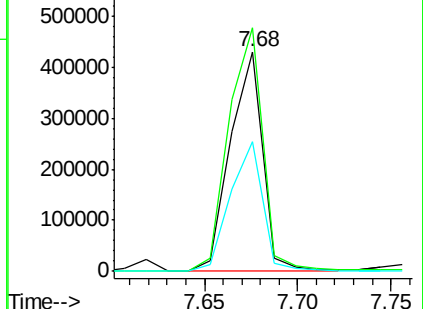
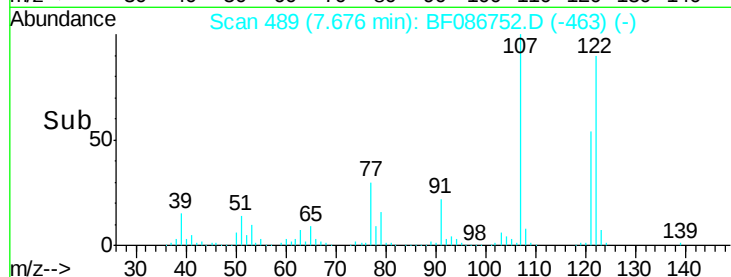
121 59.2 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.86 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

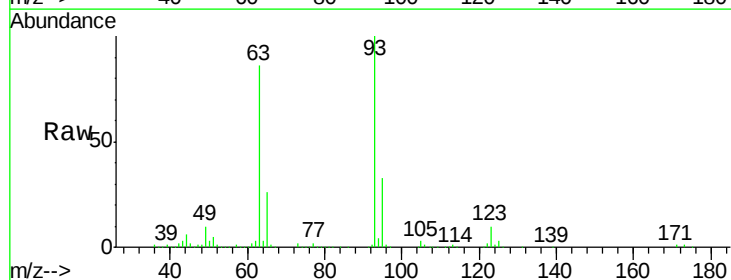
Tgt Ion: 93 Resp: 658565

Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

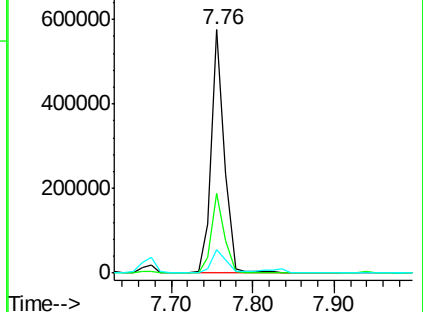
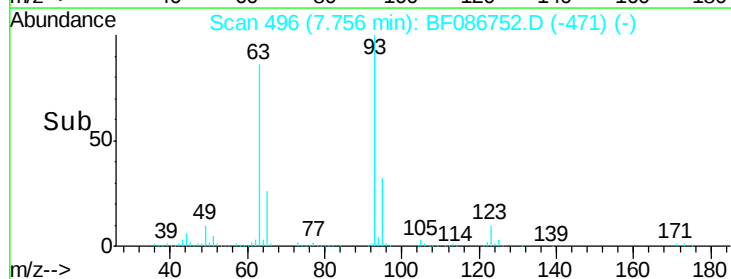
123 9.7 9.5 14.3

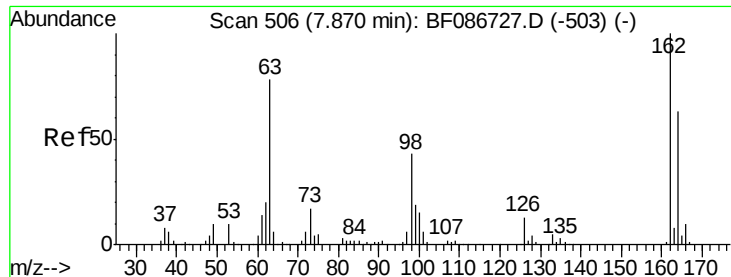


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

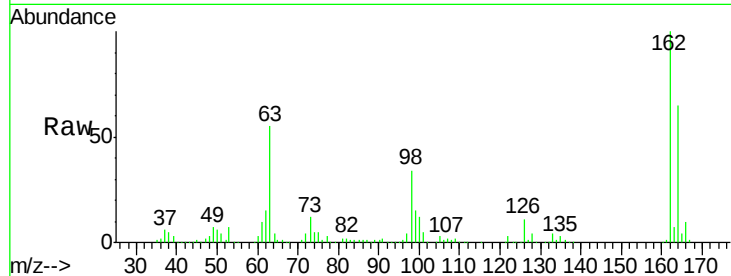




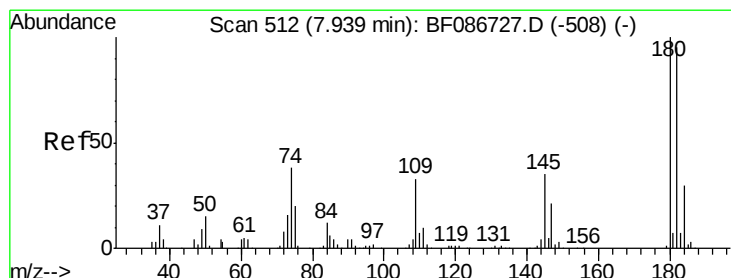
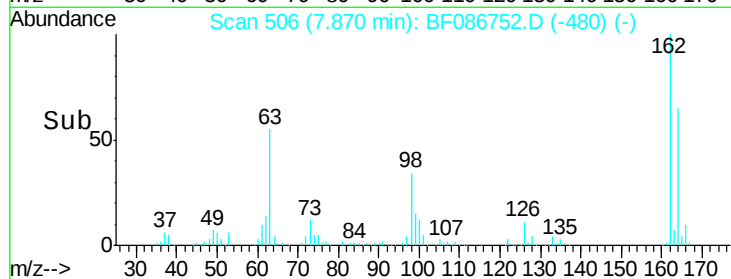
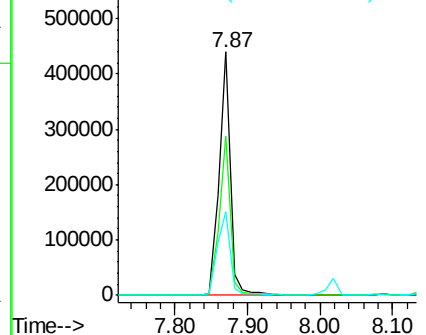
#29
 2,4-Dichlorophenol
 Concen: 40.30 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.2	82.2
98	34.4	19.0	59.0

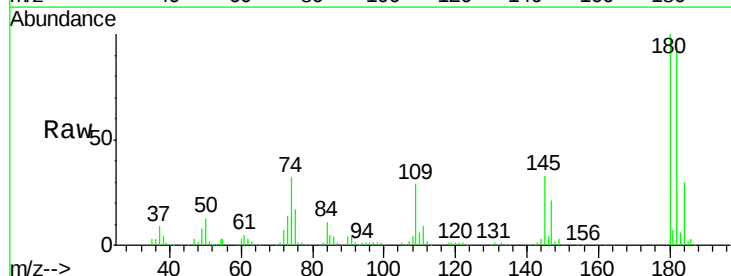


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

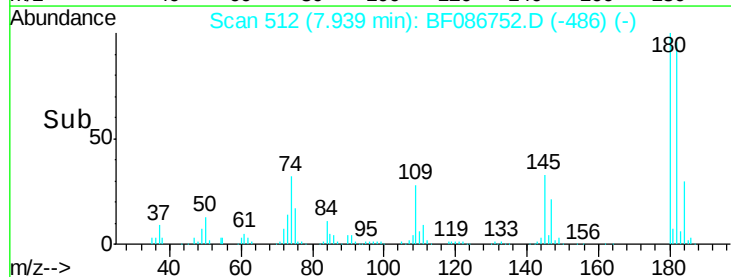
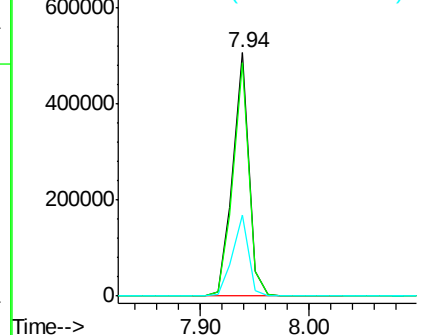


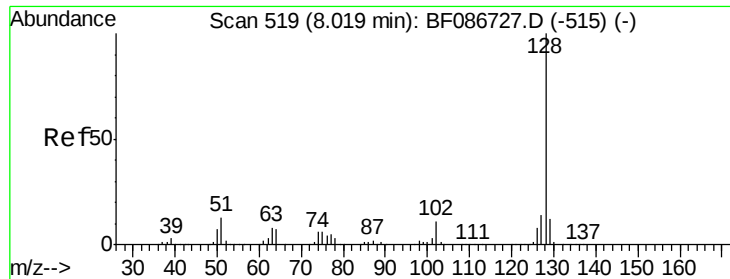
#30
 1,2,4-Trichlorobenzene
 Concen: 39.45 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.0	117.0
145	33.1	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

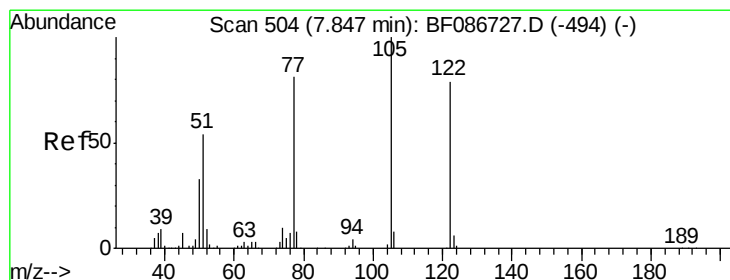
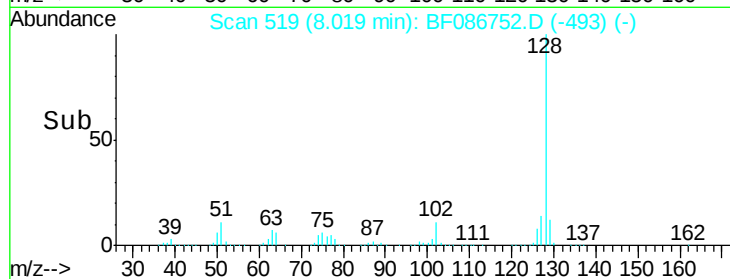
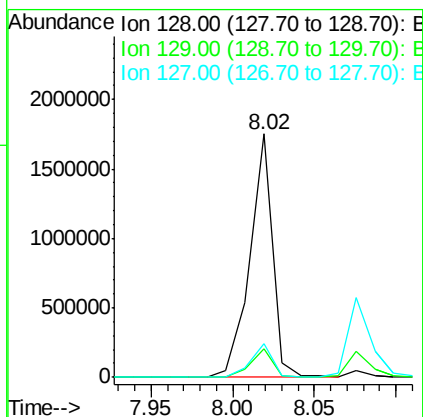
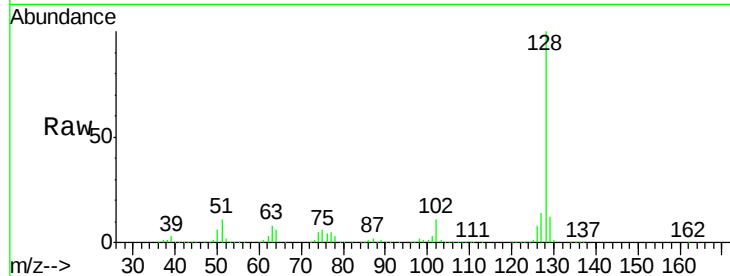




#31
Naphthalene
Concen: 38.03 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

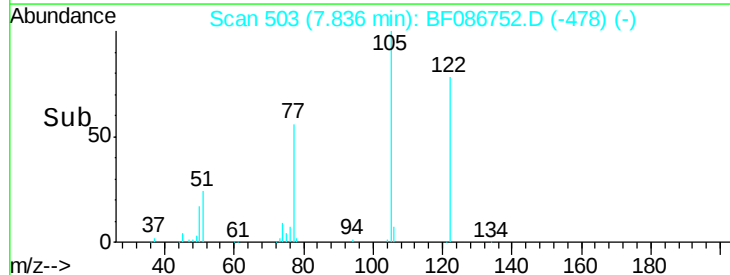
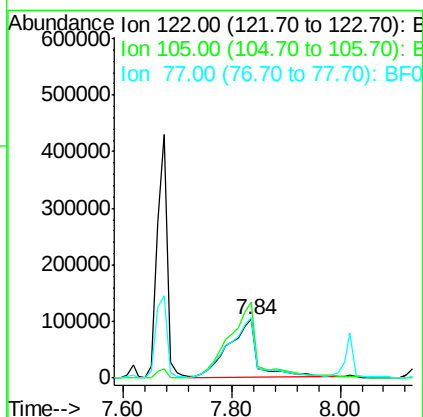
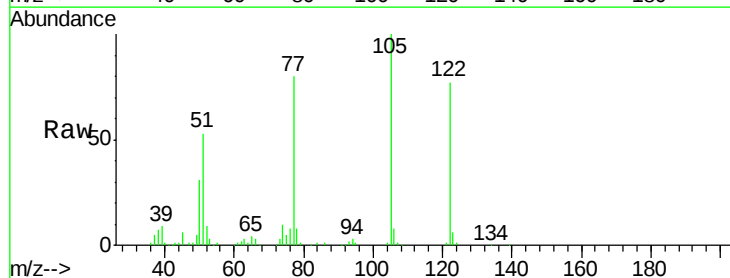
Instrument :
BNA_F
ClientSampleId :

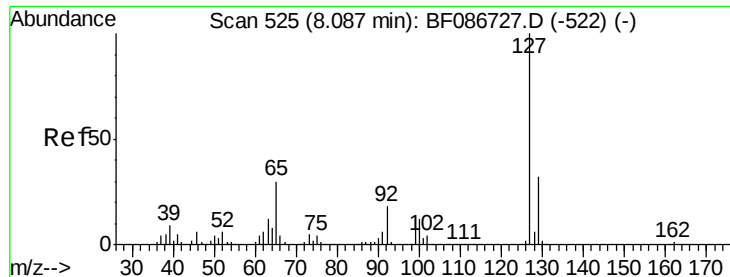
Tot Ion:128 Resp: 1694554
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 66.93 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion:122 Resp: 380526
Ion Ratio Lower Upper
122 100
105 129.8 92.6 132.6
77 104.2 60.0 100.0#

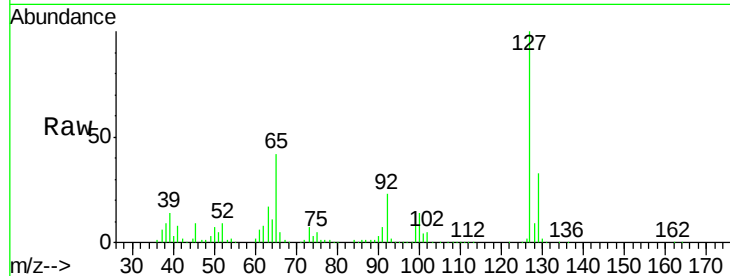




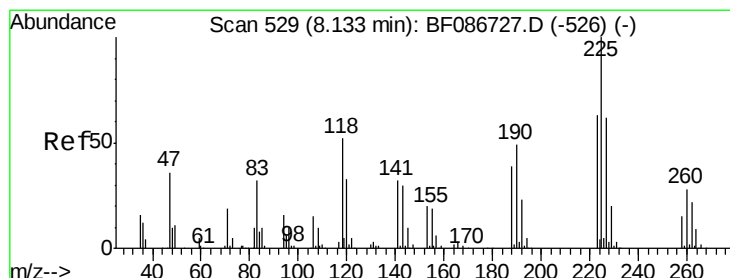
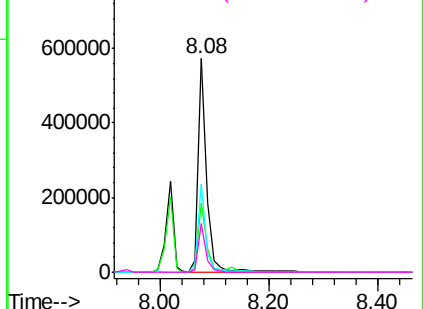
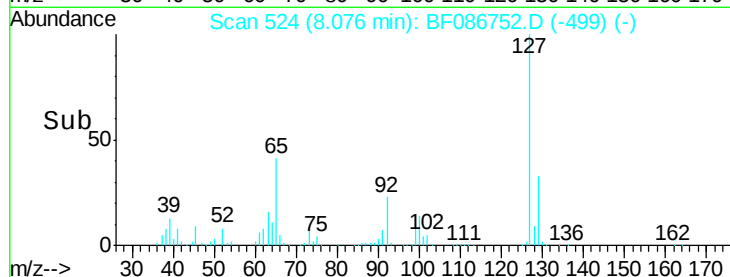
#33
4-Chloroaniline
Concen: 35.13 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	606444
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	41.6	23.0	34.4
92	22.5	15.1	22.7

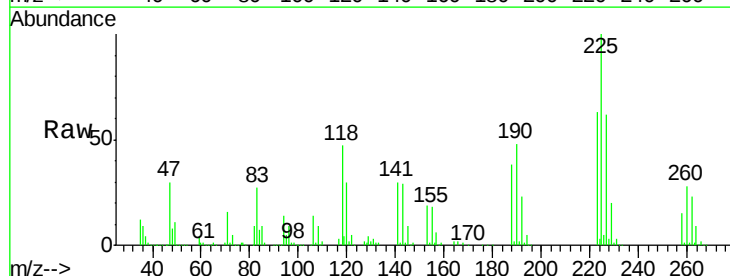


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

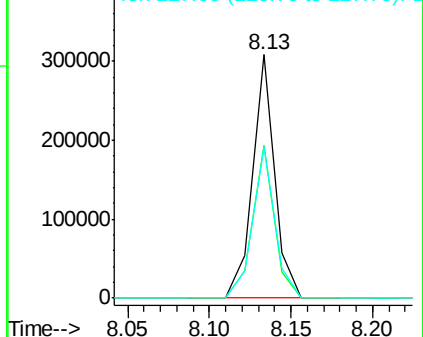
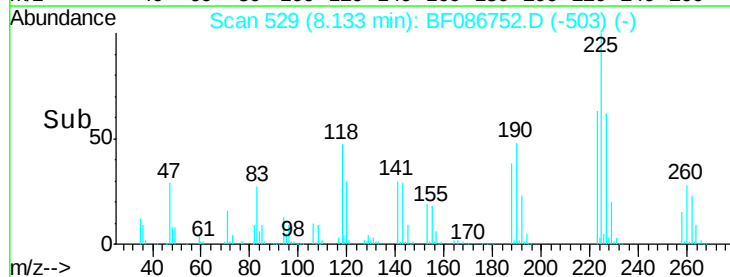


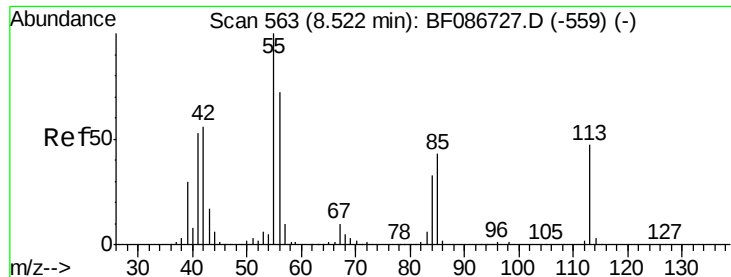
#34
Hexachlorobutadiene
Concen: 38.41 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion:	225	Resp:	287515
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.5	77.3
227	62.0	52.2	78.2



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





#35

Caprolactam

Concen: 35.33 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.03 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

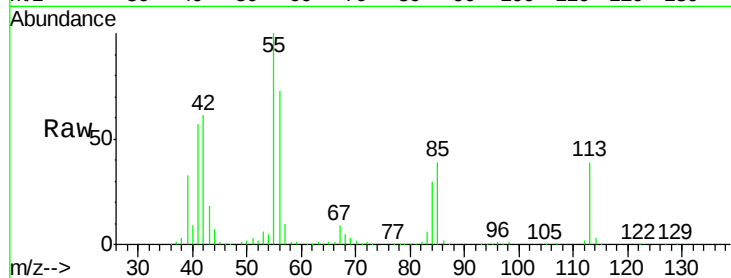
Tot Ion:113 Resp: 129255

Ion Ratio Lower Upper

113 100

55 255.1 162.0 202.0#

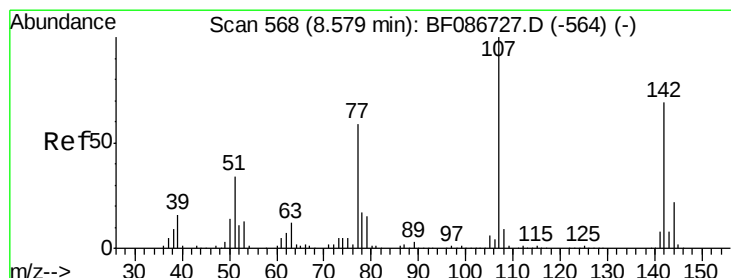
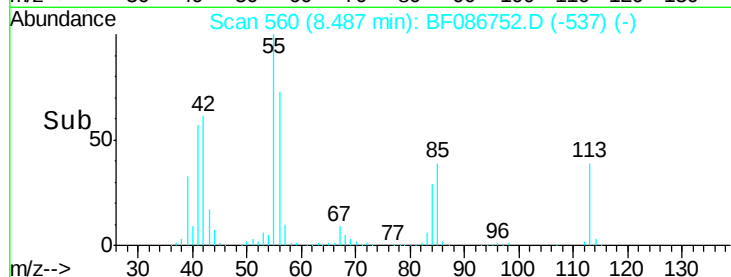
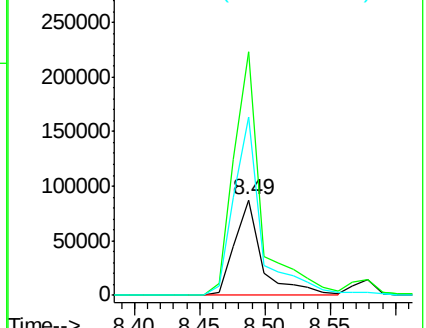
56 186.4 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.92 ng

RT: 8.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

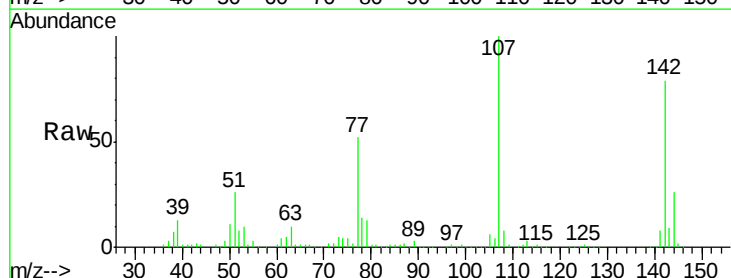
Tgt Ion:107 Resp: 551723

Ion Ratio Lower Upper

107 100

144 25.8 20.7 31.1

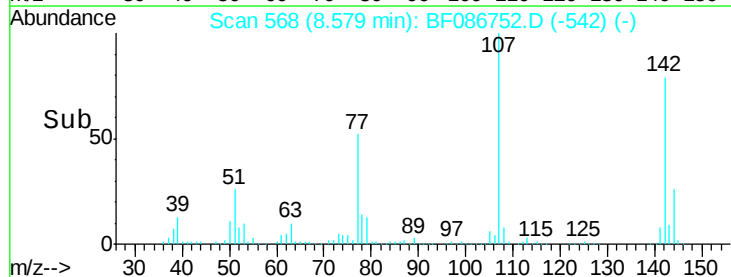
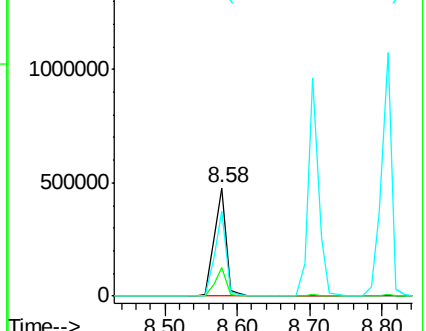
142 78.9 63.2 94.8

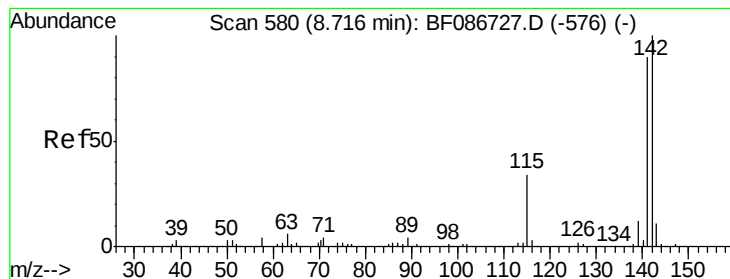


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

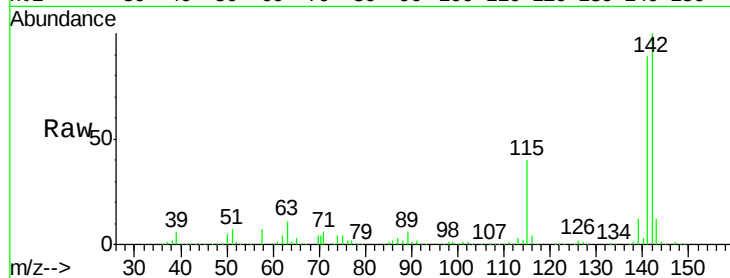




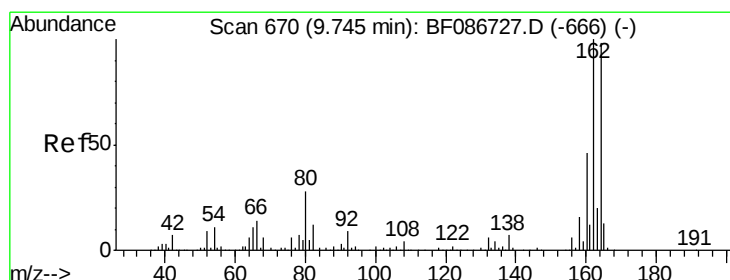
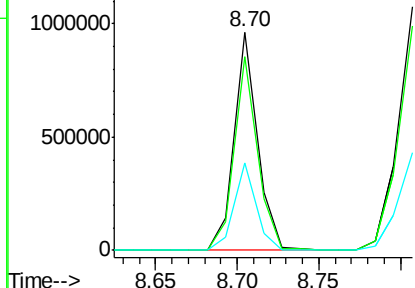
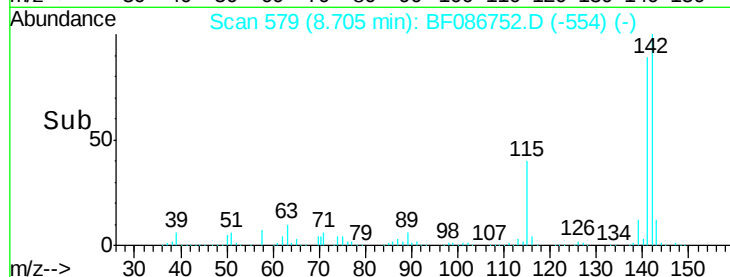
#37
2-Methylnaphthalene
Concen: 36.16 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	40.3	26.6	39.8#

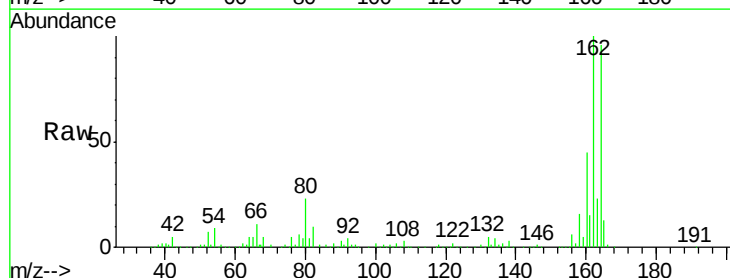


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

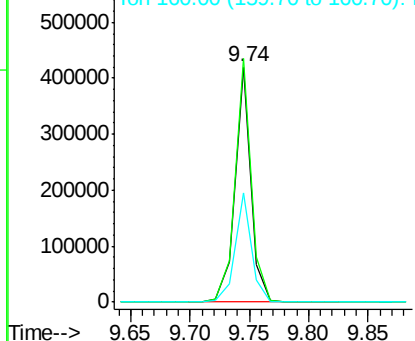
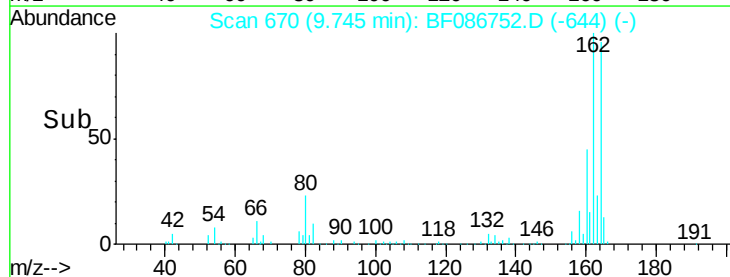


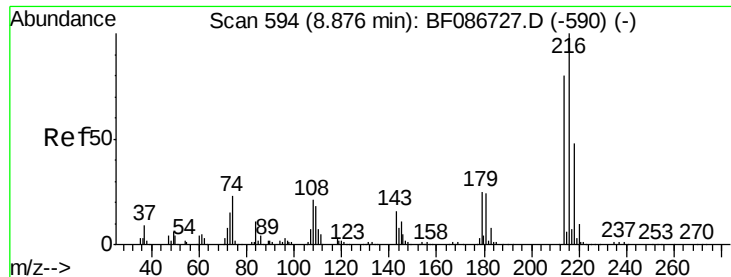
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.8	124.2
160	46.8	36.9	55.3



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

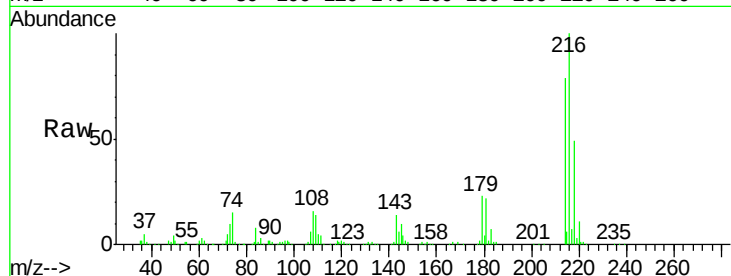




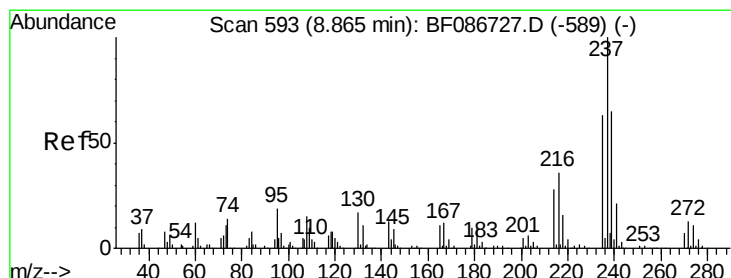
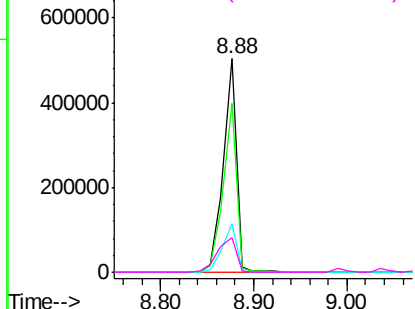
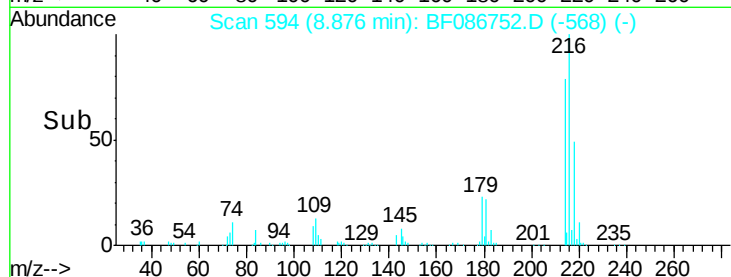
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.88 ng
 RT: 8.88 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	494475
Ion Ratio	Lower	Upper
216	100	
214	79.4	62.6 93.8
179	23.8	18.2 27.4
108	23.1	17.5 26.3

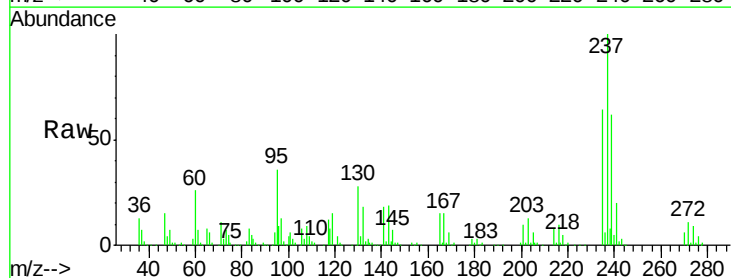


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

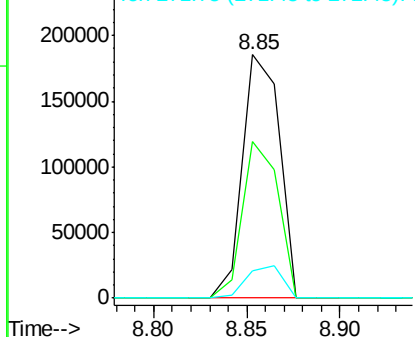
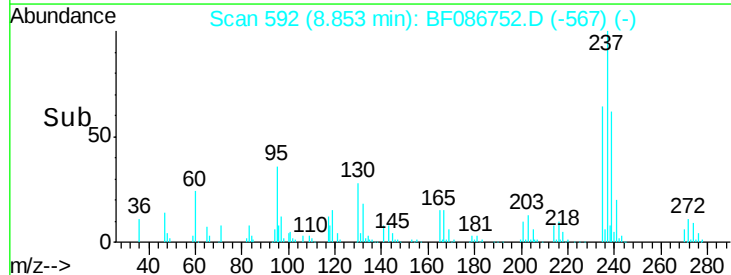


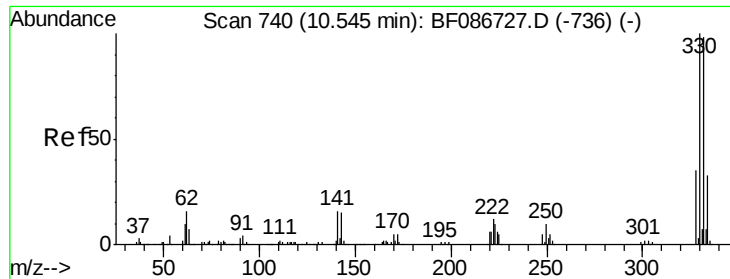
#40
 Hexachlorocyclopentadiene
 Concen: 51.31 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion:237	Resp:	254116
Ion Ratio	Lower	Upper
237	100	
235	64.3	47.2 87.2
272	11.3	0.0 31.1



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

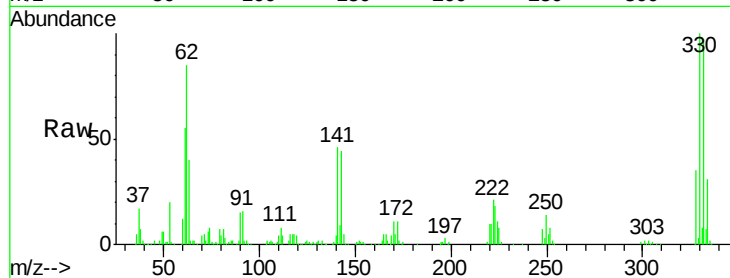




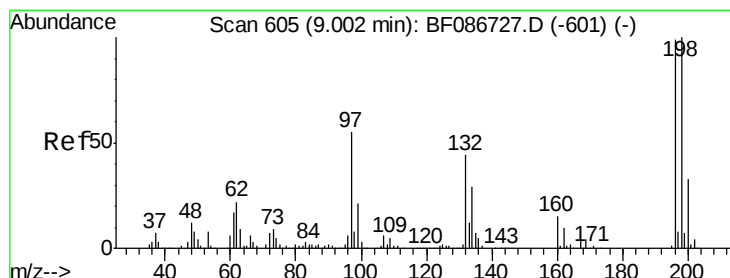
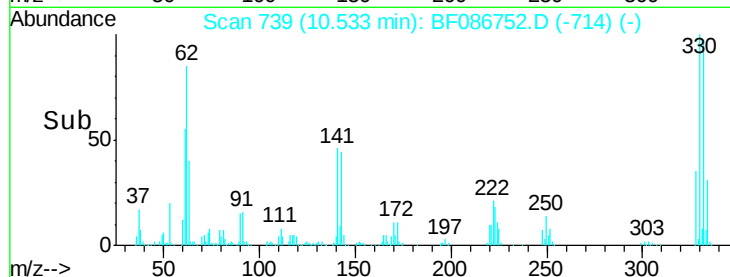
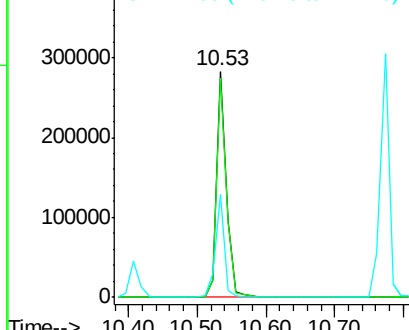
#41
 2,4,6-Tribromophenol
 Concen: 75.39 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.0	118.4
141	41.4	31.2	46.8

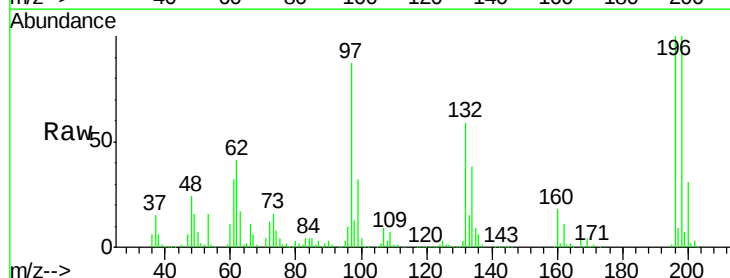


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

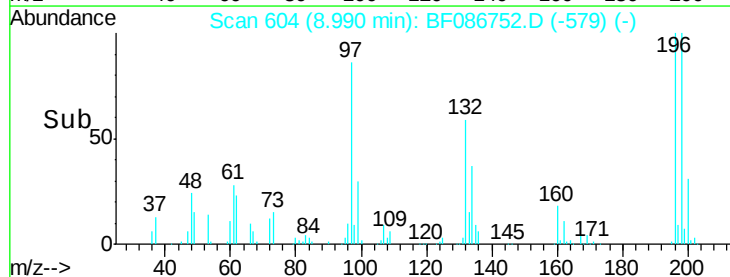
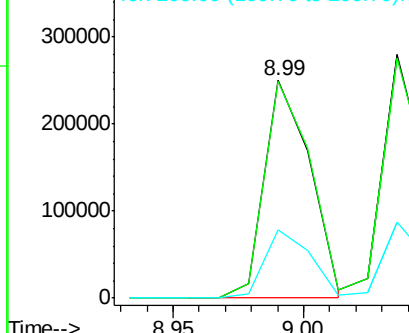


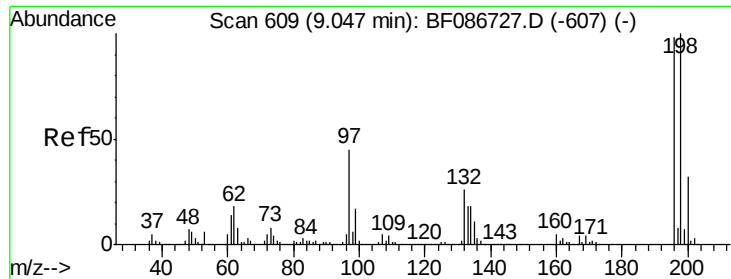
#42
 2,4,6-Trichlorophenol
 Concen: 42.55 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.7	74.7	112.1
200	31.2	23.8	35.6



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

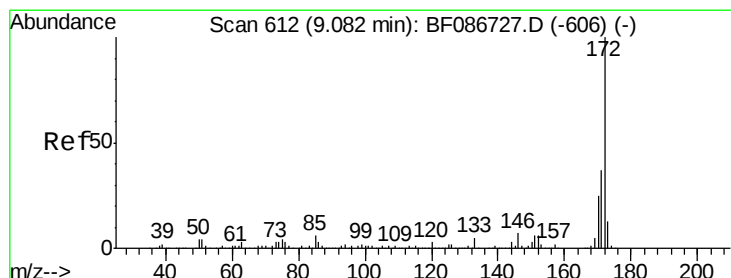
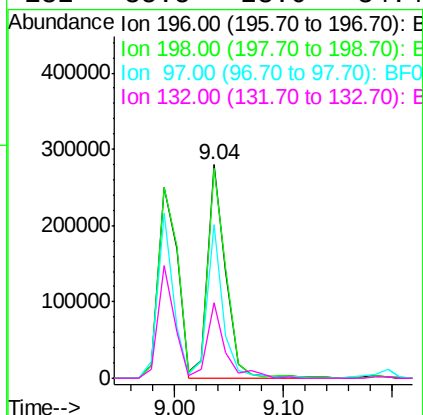
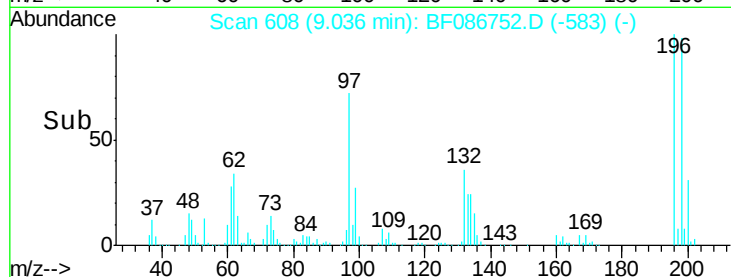
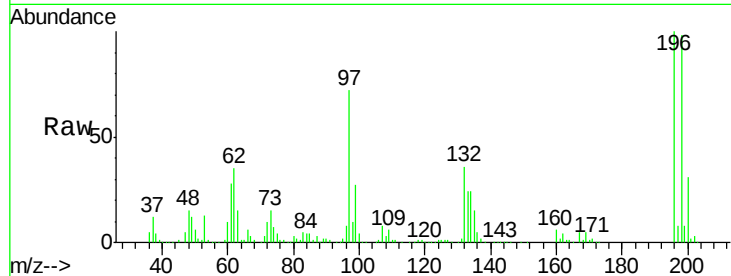




#43
 2,4,5-Trichlorophenol
 Concen: 43.15 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

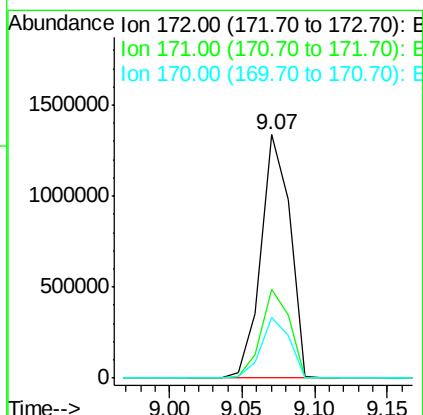
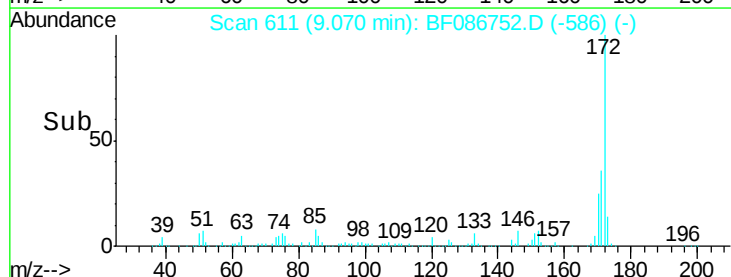
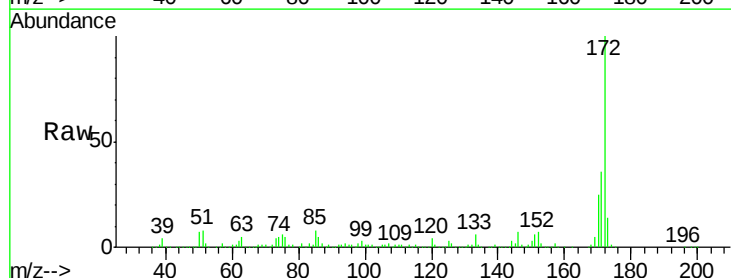
Instrument :
 BNA_F
 ClientSampleId :

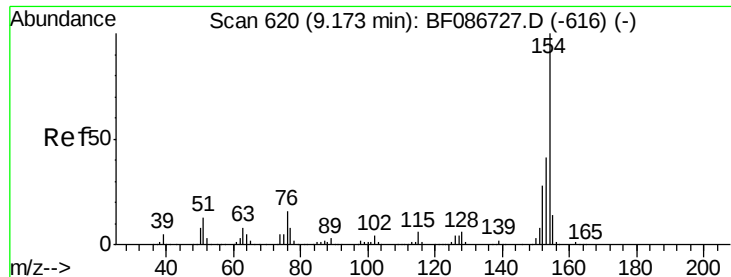
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	77.5	116.3
97	72.1	34.8	52.2
132	35.5	23.0	34.4



#44
 2-Fluorobiphenyl
 Concen: 78.28 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	25.0	19.8	29.8

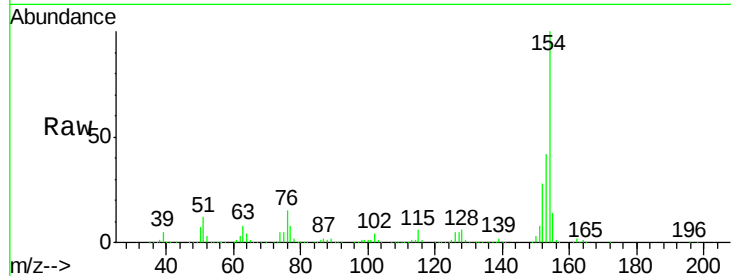




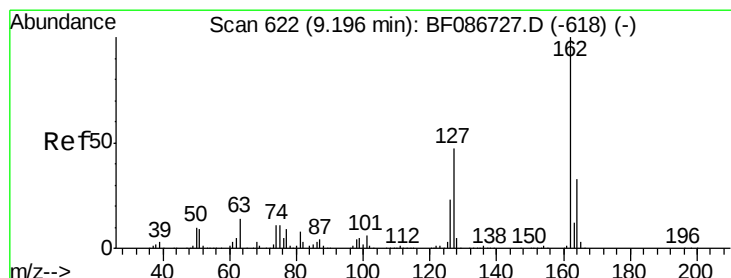
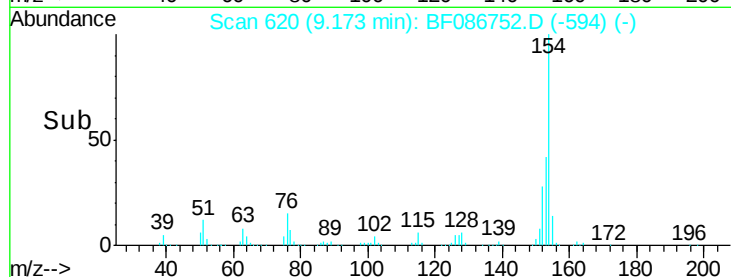
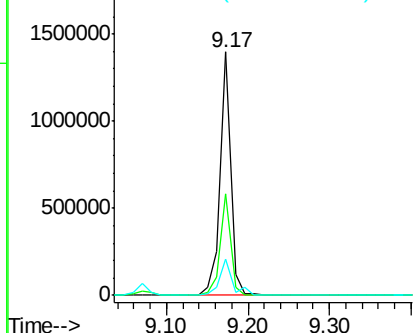
#45
 1,1'-Biphenyl
 Concen: 39.71 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1263834
 Ion Ratio Lower Upper
 154 100
 153 41.7 20.3 60.3
 76 14.9 0.0 30.2

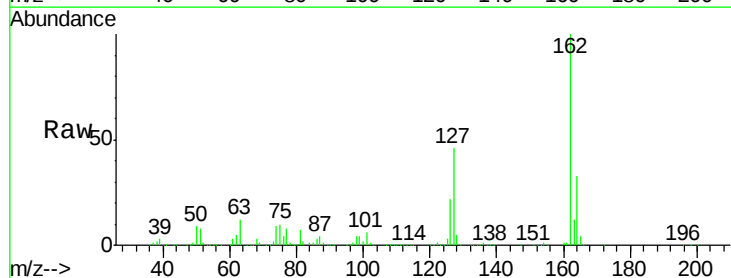


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

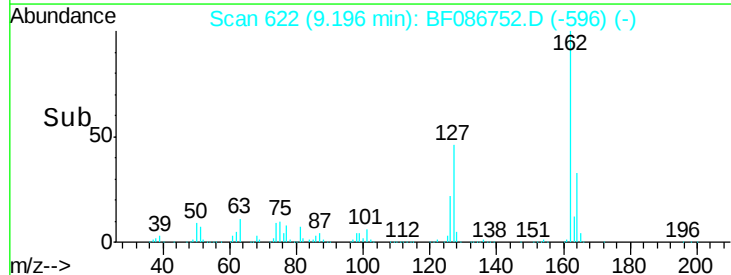
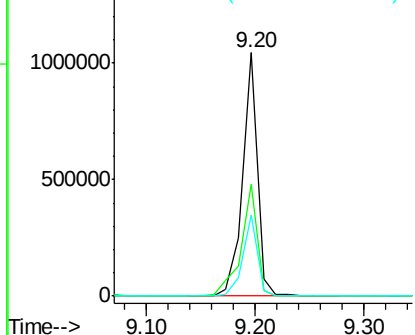


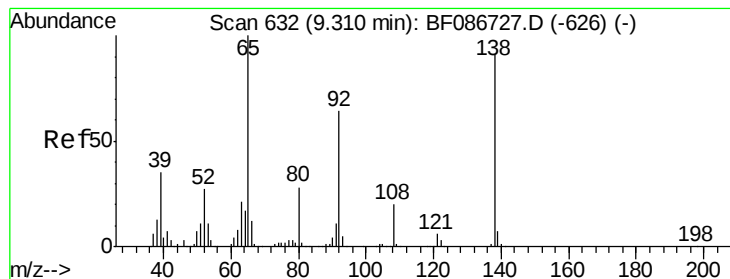
#46
 2-Chloronaphthalene
 Concen: 39.63 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion:162 Resp: 973503
 Ion Ratio Lower Upper
 162 100
 127 45.7 31.8 47.6
 164 33.2 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.66 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

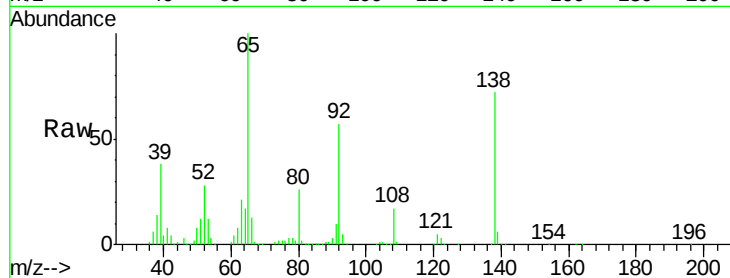
Tot Ion: 65 Resp: 337571

Ion Ratio Lower Upper

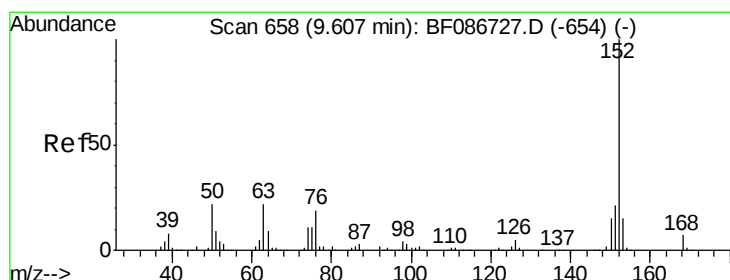
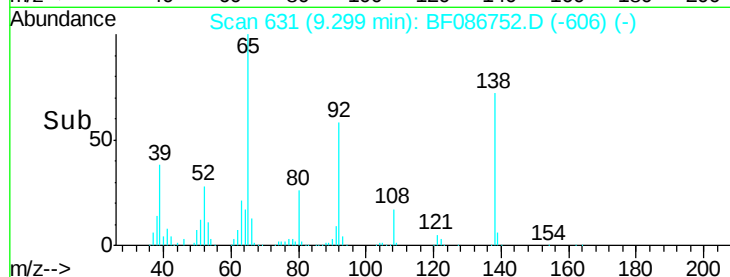
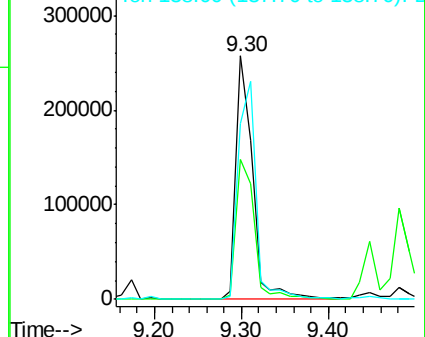
65 100

92 57.5 57.4 86.2

138 72.3 90.1 135.1#



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: 37.69 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

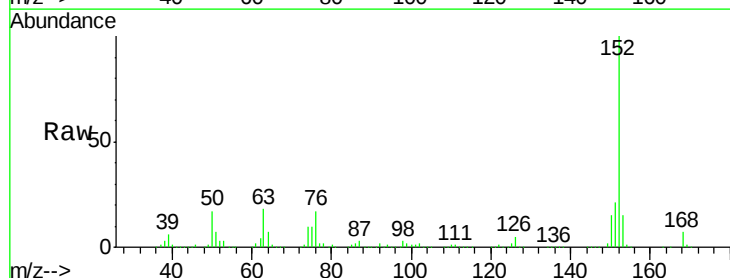
Tgt Ion: 152 Resp: 1374238

Ion Ratio Lower Upper

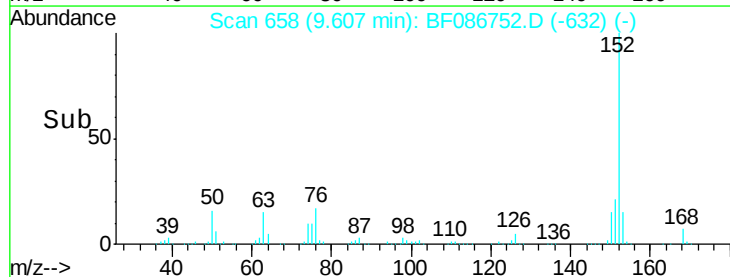
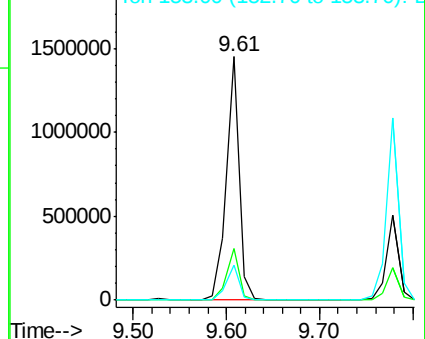
152 100

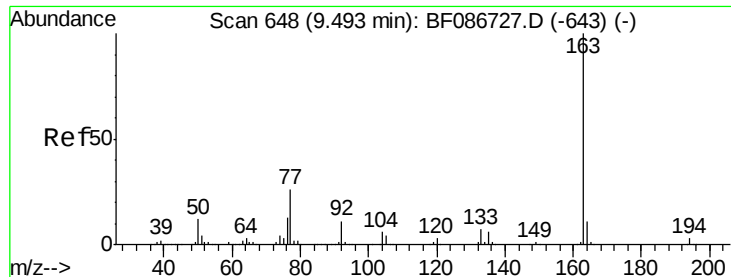
151 21.2 16.8 25.2

153 14.5 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

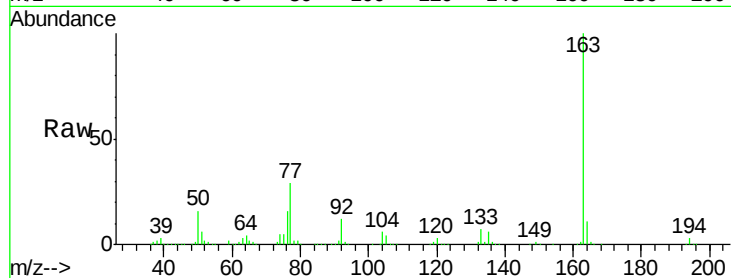




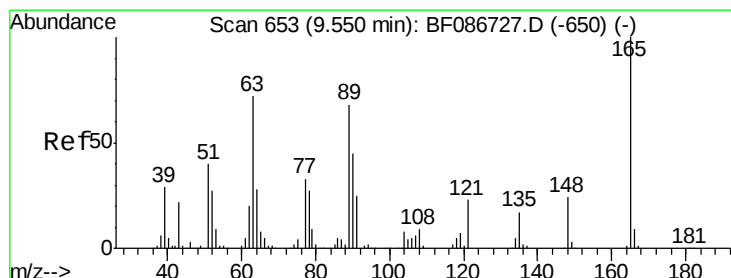
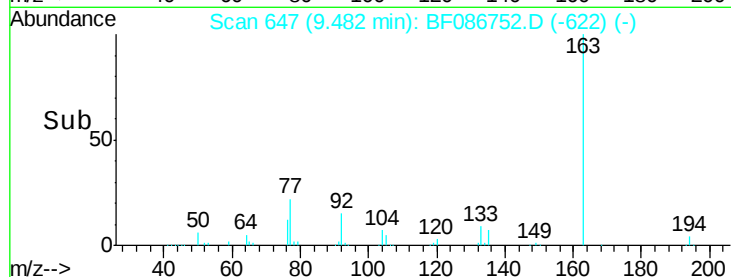
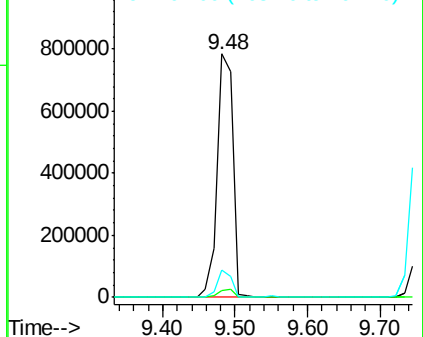
#49
Dimethylphthalate
Concen: 40.57 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1177524
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 11.0 8.2 12.4

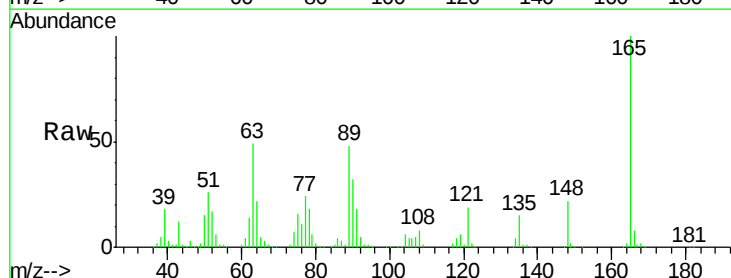


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

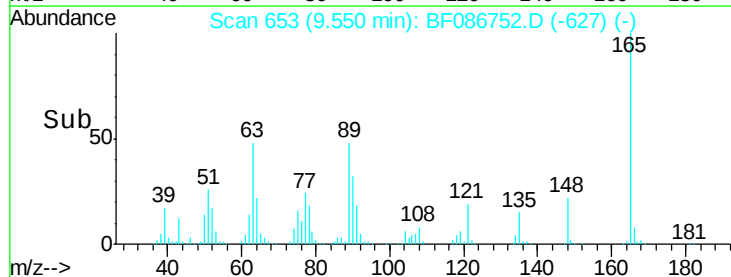
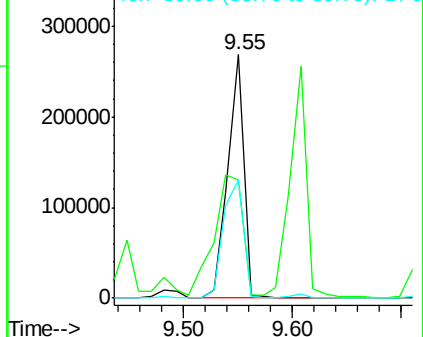


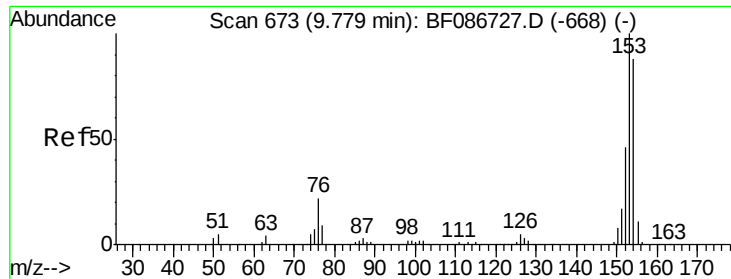
#50
2,6-Dinitrotoluene
Concen: 44.32 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion:165 Resp: 276074
Ion Ratio Lower Upper
165 100
63 48.6 51.8 77.8#
89 48.5 50.7 76.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.67 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampled :

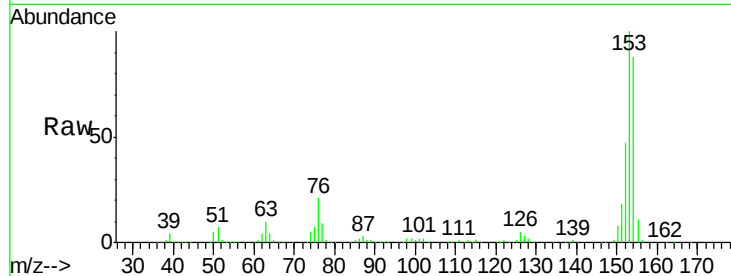
Tot Ion:154 Resp: 882018

Ion Ratio Lower Upper

154 100

153 113.2 89.8 134.6

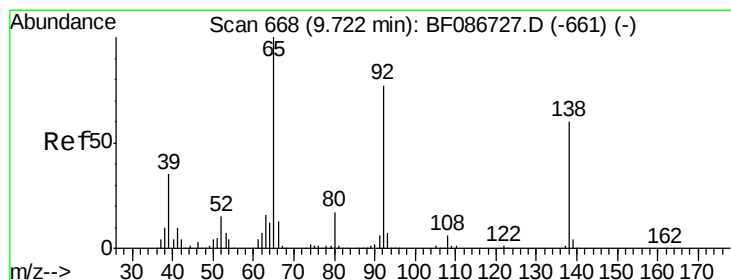
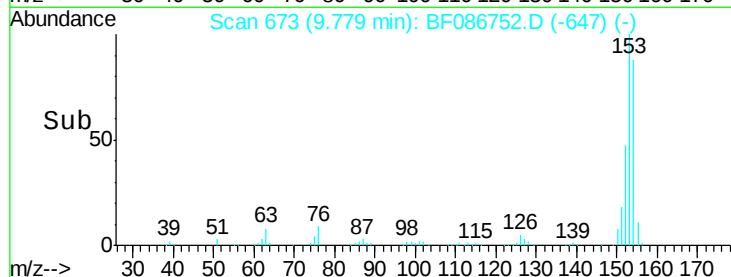
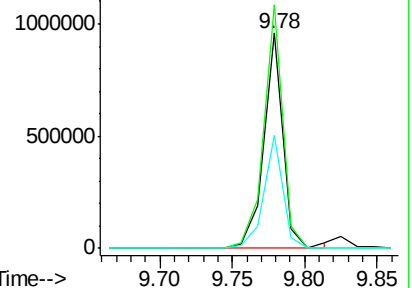
152 52.8 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.04 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

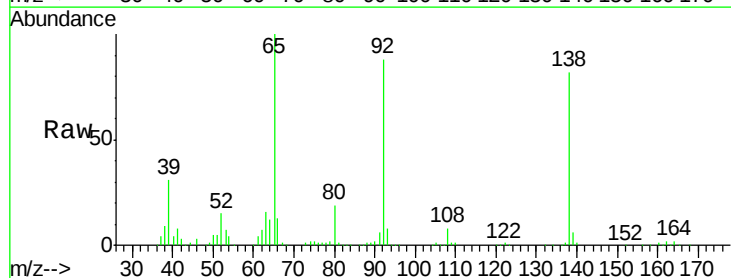
Tgt Ion:138 Resp: 269368

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

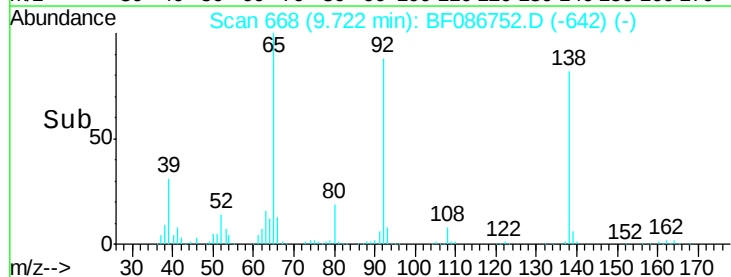
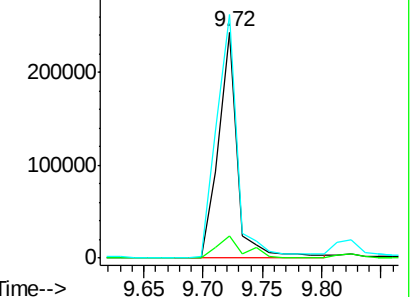
92 107.7 87.8 131.8

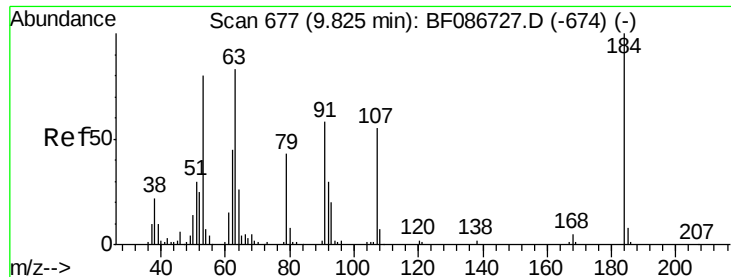


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

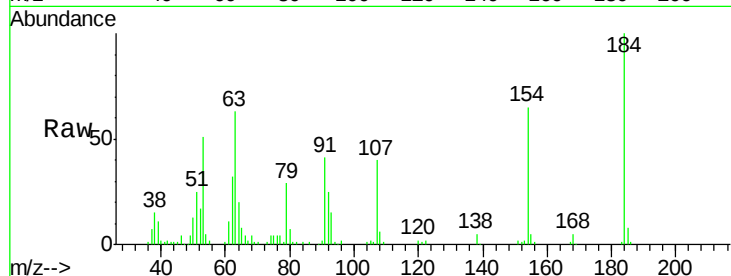




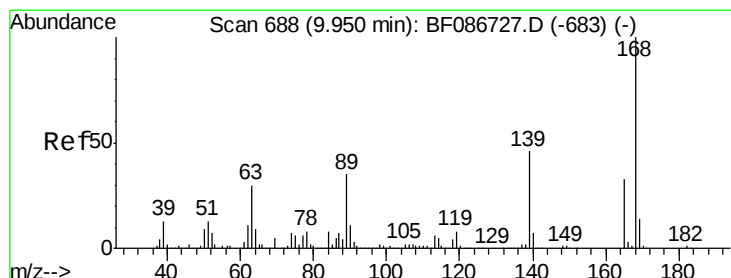
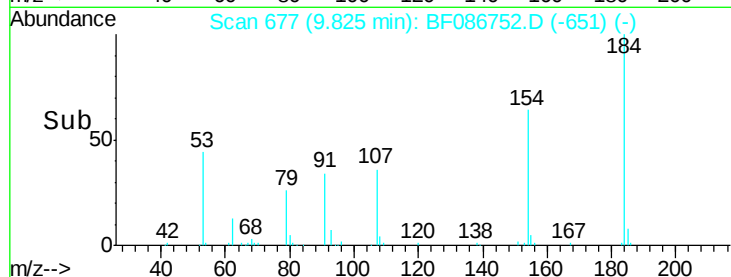
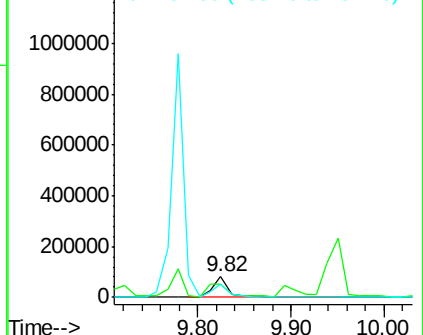
#53
2,4-Dinitrophenol
Concen: 52.49 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 102463
Ion Ratio Lower Upper
184 100
63 63.2 55.8 83.8
154 64.8 62.4 93.6

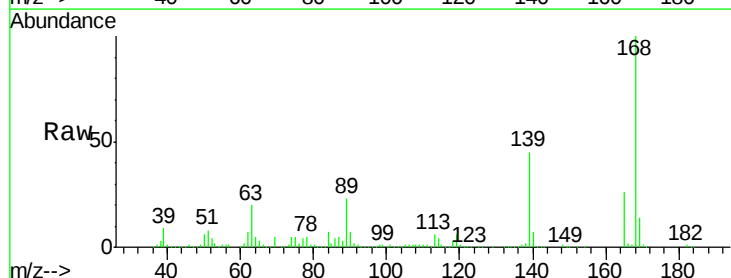


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

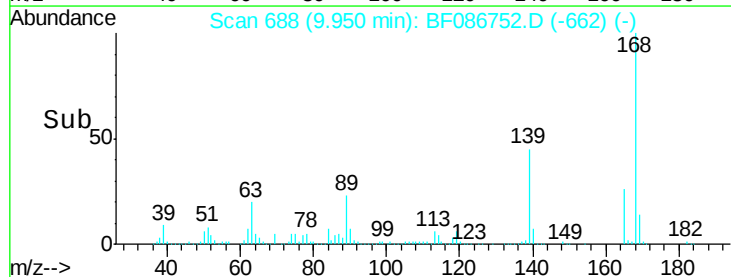
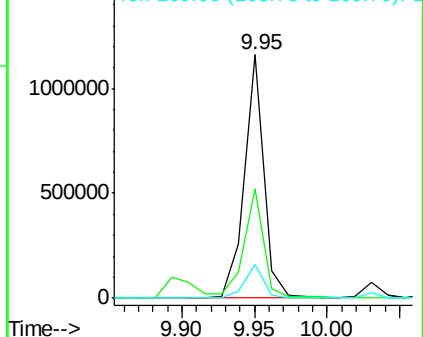


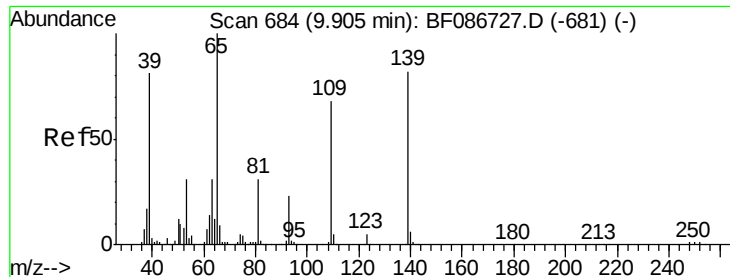
#54
Dibenzofuran
Concen: 36.59 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion:168 Resp: 1090946
Ion Ratio Lower Upper
168 100
139 44.6 31.4 47.0
169 13.7 10.7 16.1



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

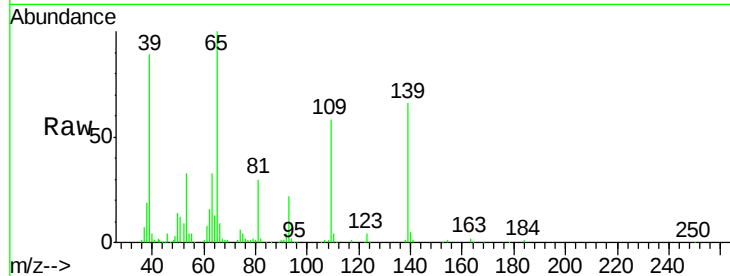




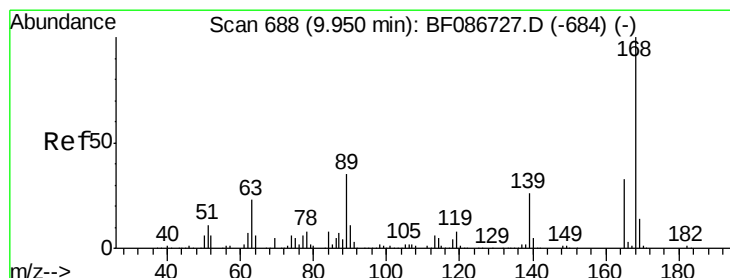
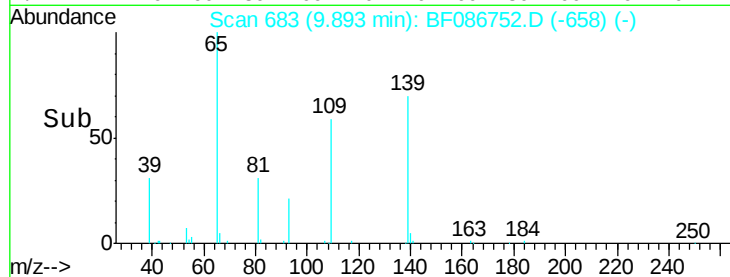
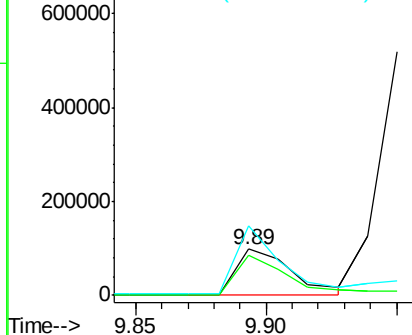
#55
4-Nitrophenol
Concen: 36.10 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	87.8	36.9	76.9#
65	150.8	64.0	104.0#



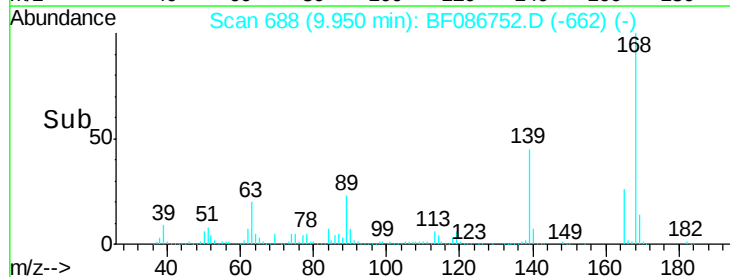
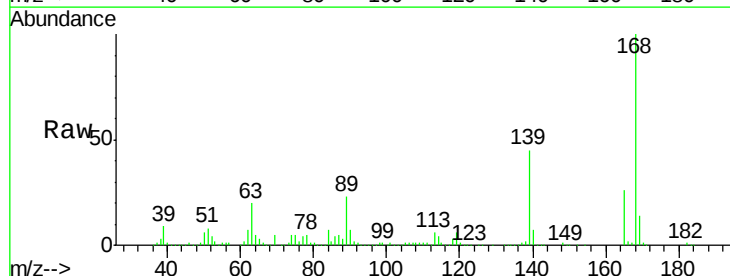
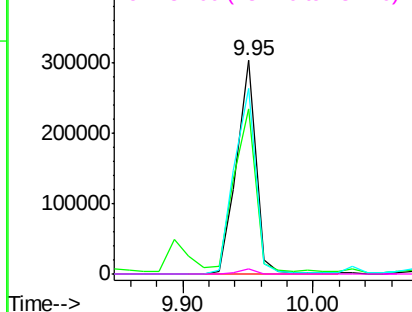
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

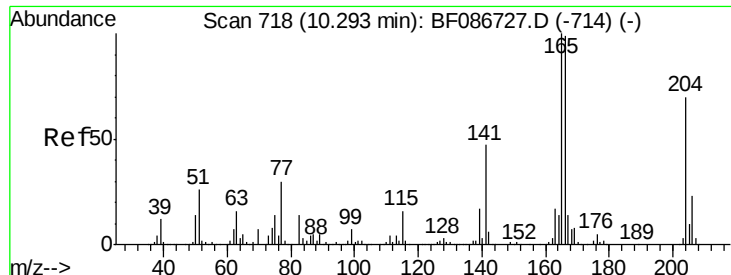


#56
2,4-Dinitrotoluene
Concen: 40.54 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	77.3	44.3	66.5#
89	87.0	70.0	105.0
182	2.4	1.8	2.6

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

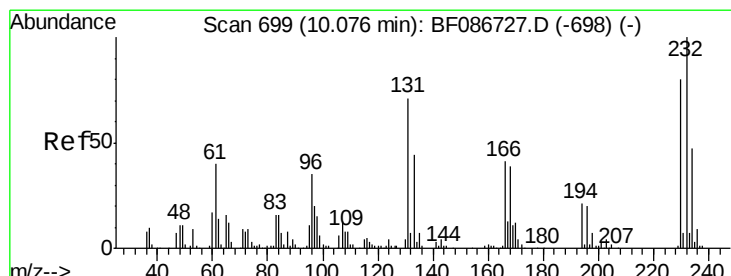
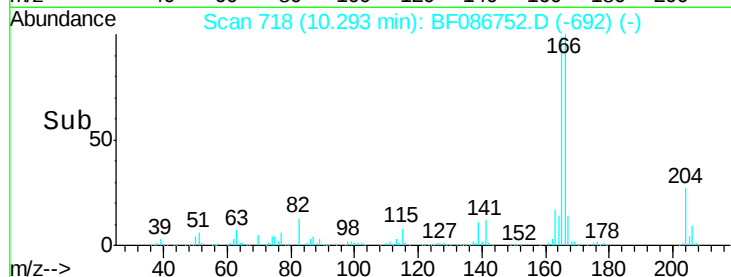
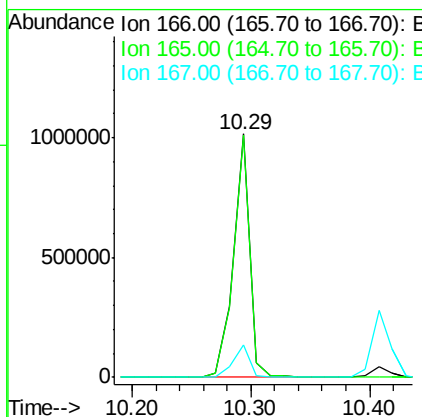
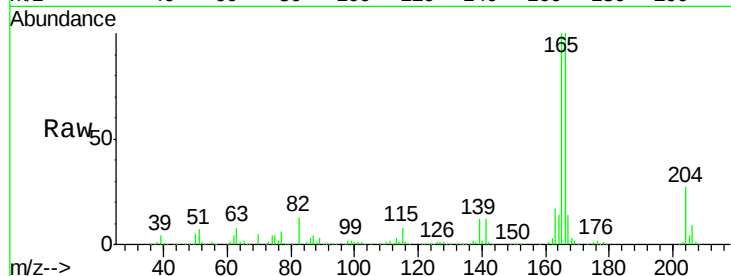




#57
Fluorene
 Concen: 40.16 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

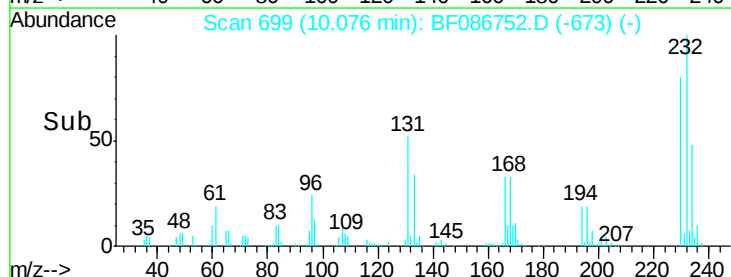
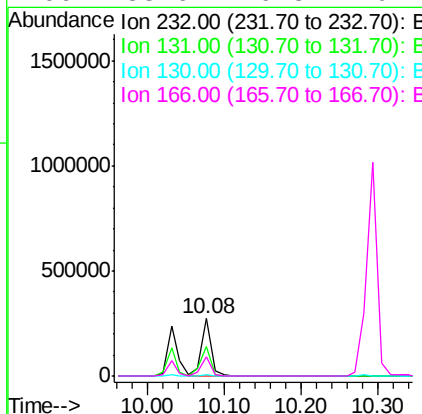
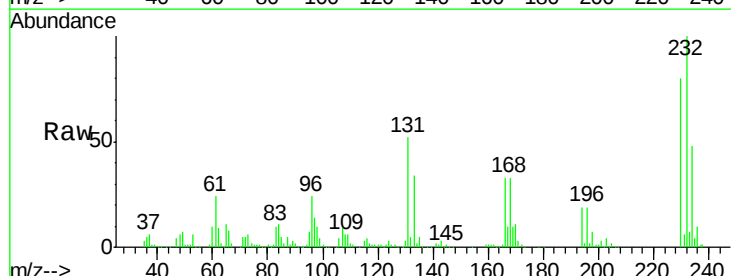
Instrument :
 BNA_F
 ClientSampleId :

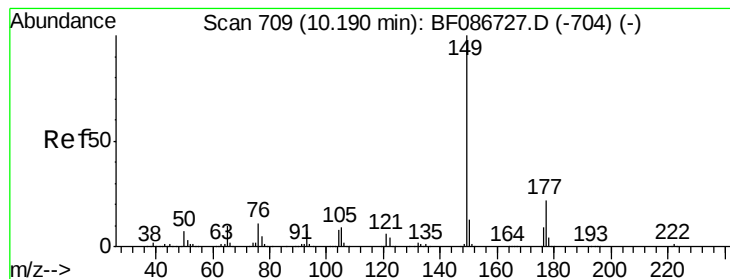
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.6
167	13.6	10.6	15.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.67 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.0	41.9	62.9
130	2.8	2.2	3.4
166	33.6	26.8	40.2





#59

Diethylphthalate

Concen: 37.54 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampled :

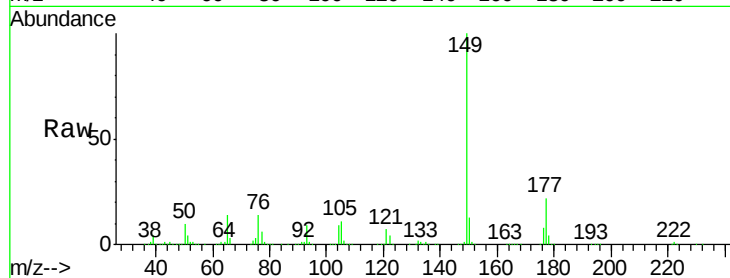
Tot Ion:149 Resp: 1031351

Ion Ratio Lower Upper

149 100

177 21.5 16.6 24.8

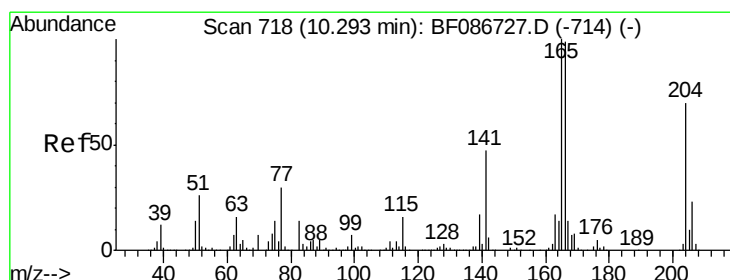
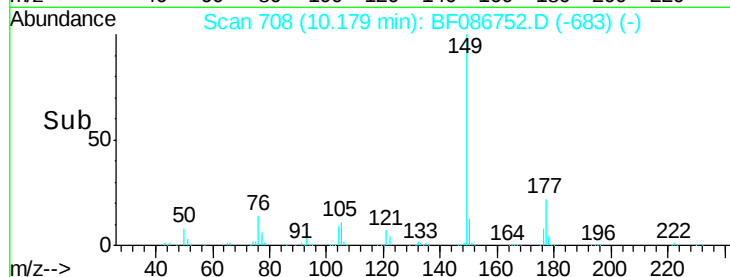
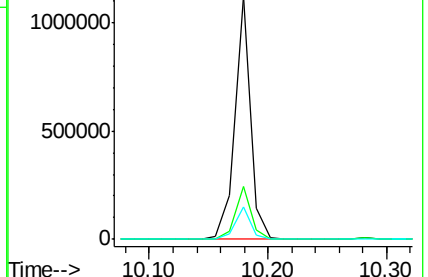
150 13.3 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.68 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

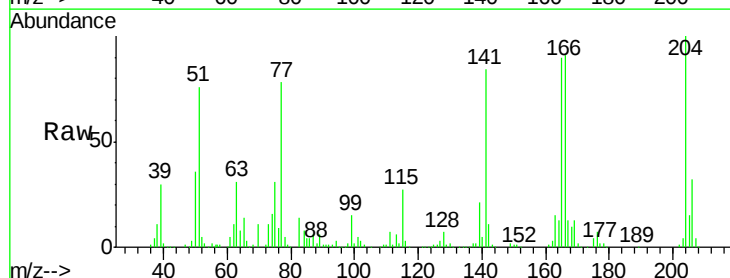
Tgt Ion:204 Resp: 432818

Ion Ratio Lower Upper

204 100

206 32.0 25.4 38.0

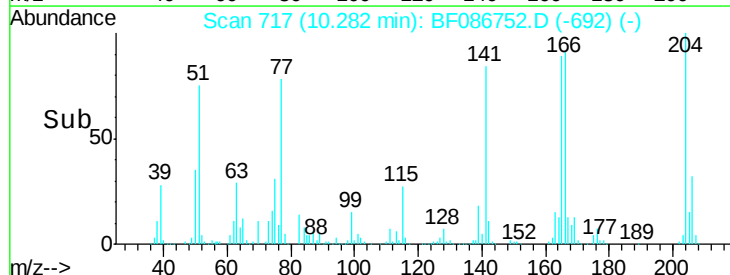
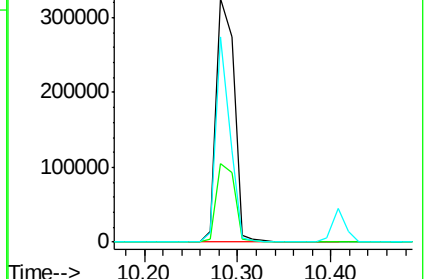
141 84.1 61.6 92.4

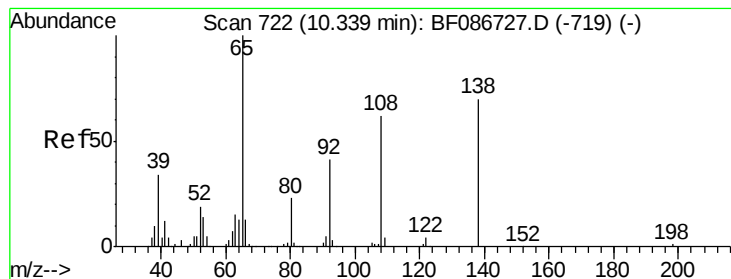


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.18 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

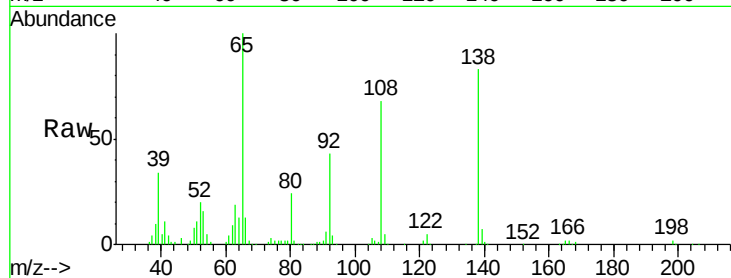
Tot Ion:138 Resp: 259765

Ion Ratio Lower Upper

138 100

92 51.5 24.7 64.7

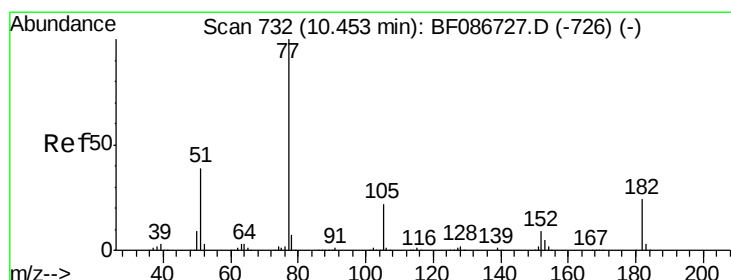
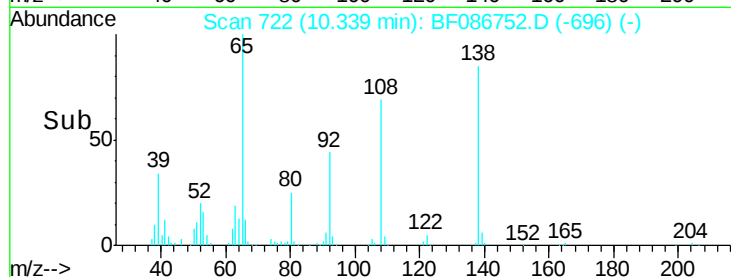
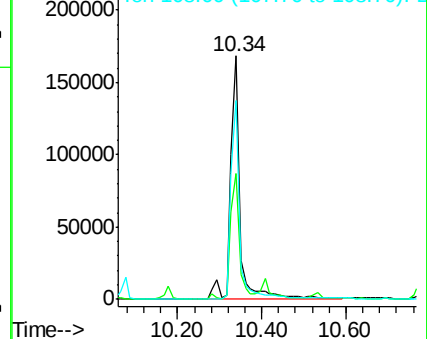
108 81.5 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.49 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Tgt Ion: 77 Resp: 1141178

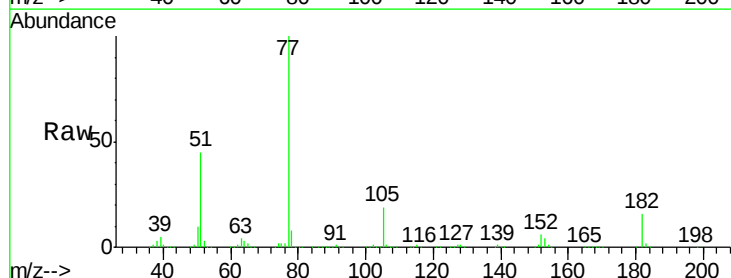
Ion Ratio Lower Upper

77 100

182 15.6 0.0 38.8

105 19.4 3.2 43.2

51 44.9 8.8 48.8

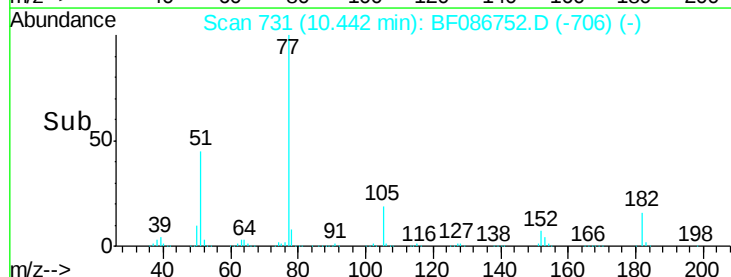
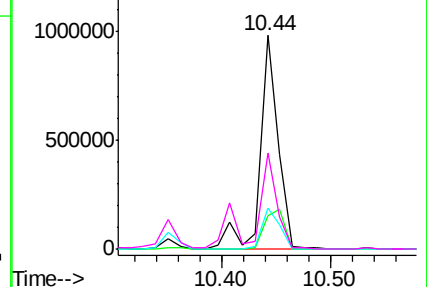


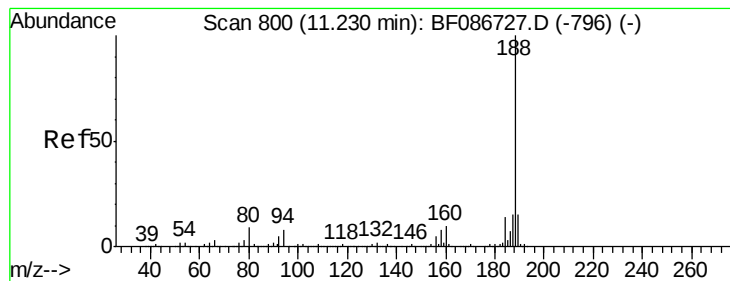
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

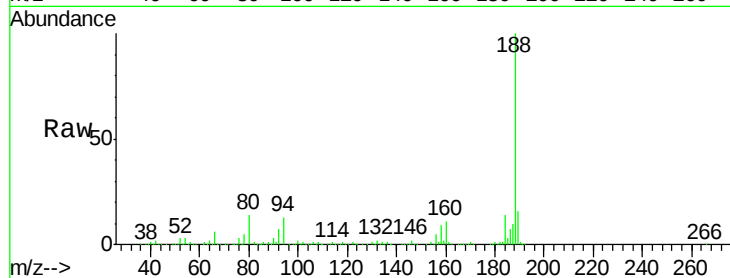
Tot Ion:188 Resp: 671309

Ion Ratio Lower Upper

188 100

94 13.1 6.8 10.2#

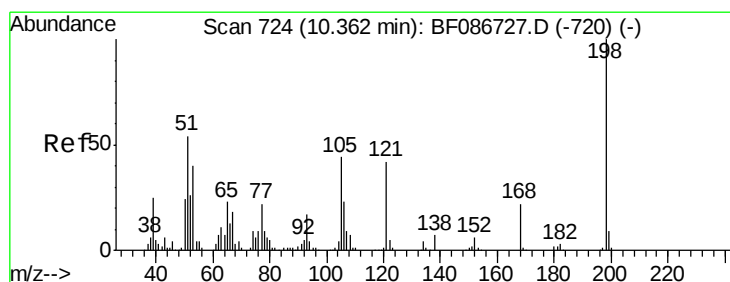
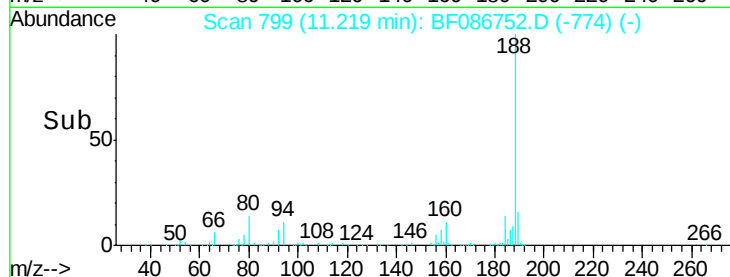
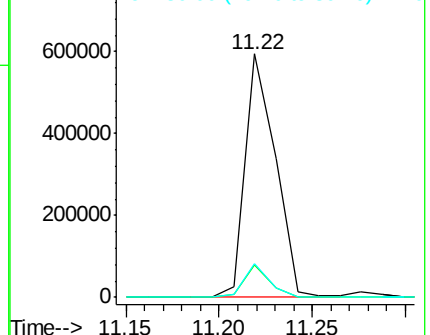
80 14.0 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 48.68 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

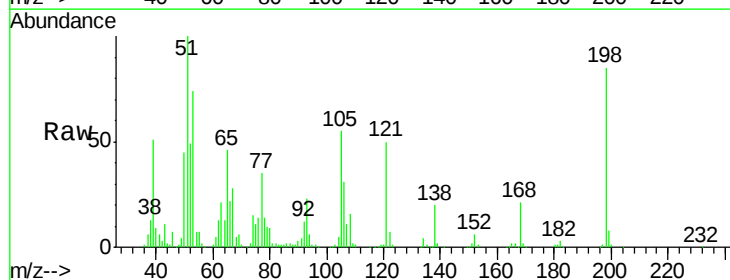
Tgt Ion:198 Resp: 166020

Ion Ratio Lower Upper

198 100

51 118.1 20.5 60.5#

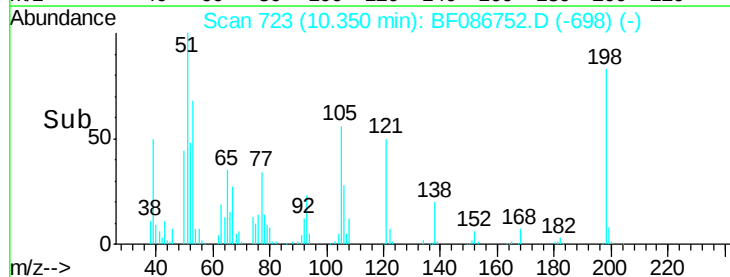
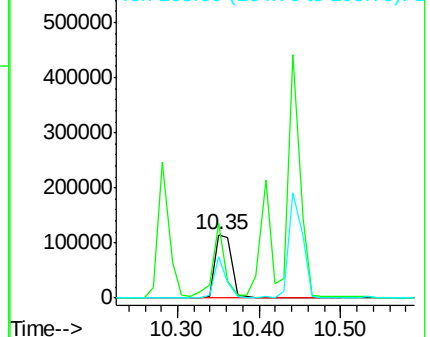
105 65.5 24.5 64.5#

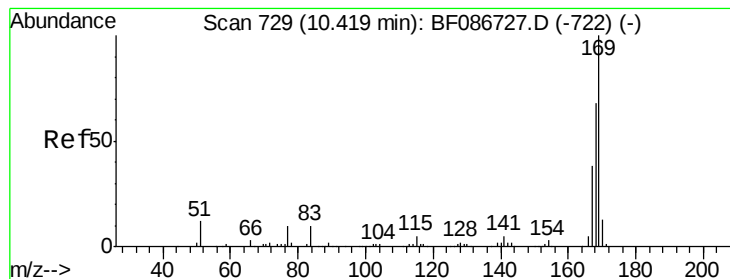


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.63 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

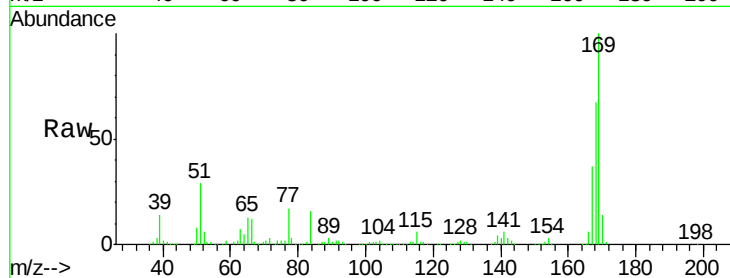
Tot Ion:169 Resp: 802092

Ion Ratio Lower Upper

169 100

168 66.7 53.8 80.6

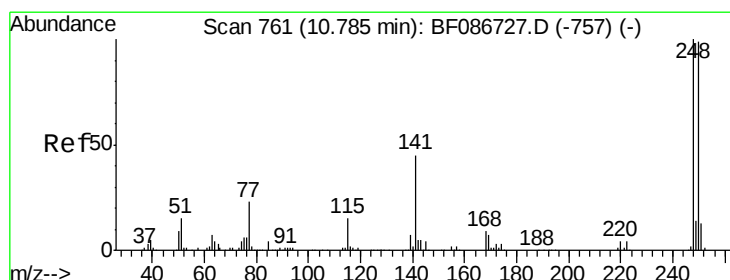
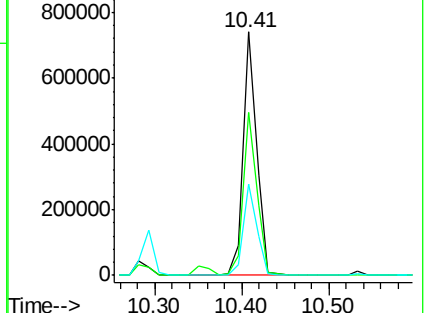
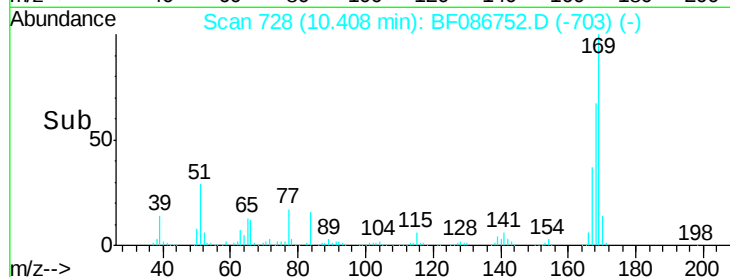
167 37.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.55 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

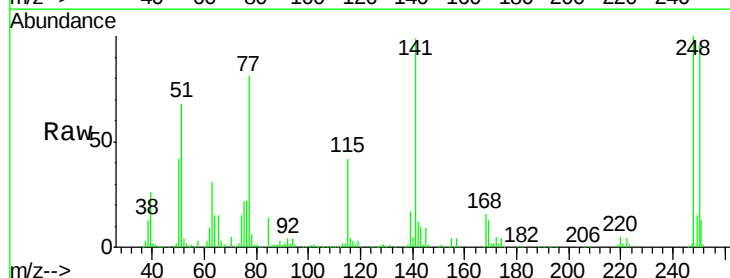
Tgt Ion:248 Resp: 270535

Ion Ratio Lower Upper

248 100

250 96.2 78.6 117.8

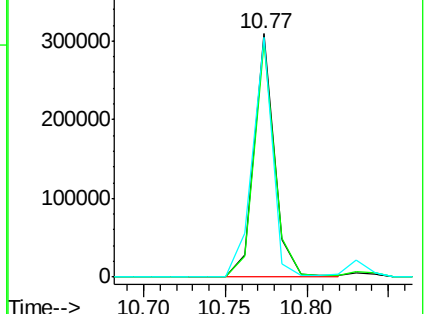
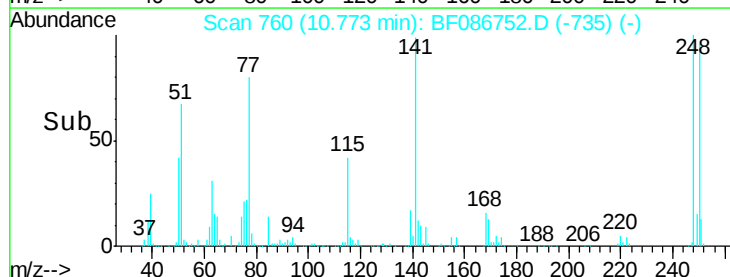
141 98.5 76.0 114.0

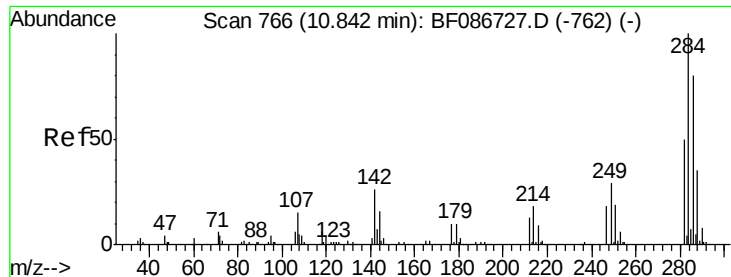


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.10 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

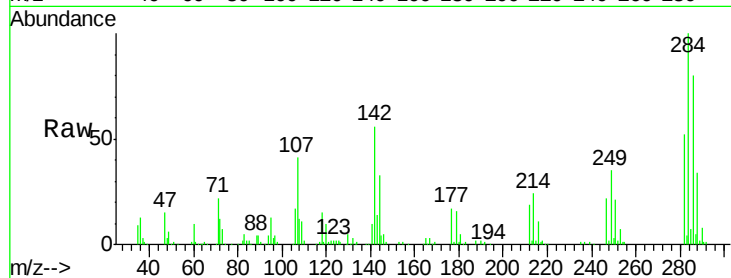
Tot Ion:284 Resp: 318108

Ion Ratio Lower Upper

284 100

142 55.8 16.7 25.1#

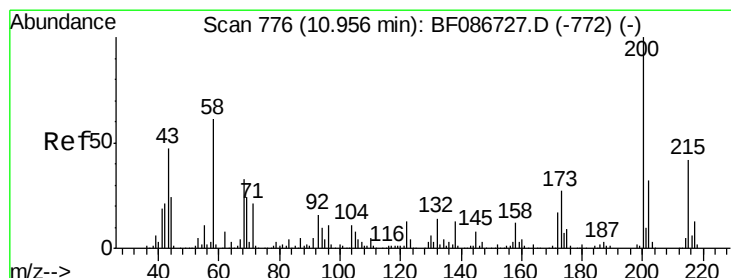
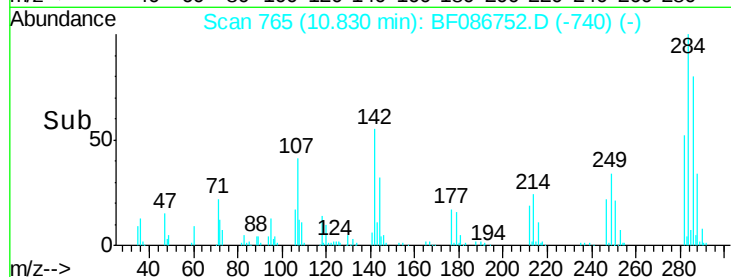
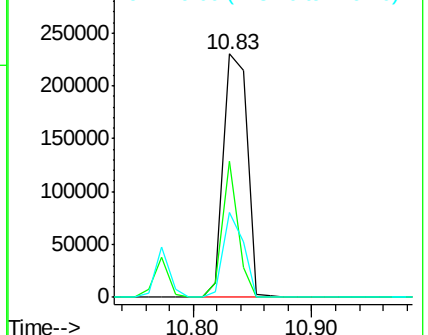
249 34.7 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.80 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

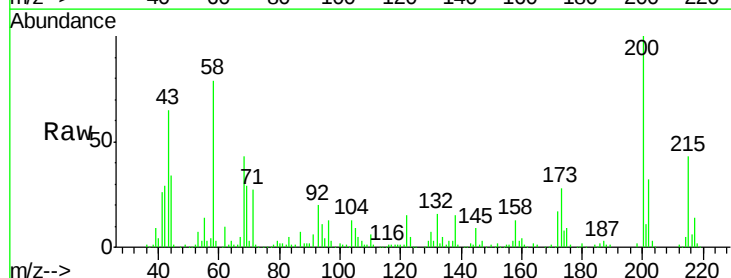
Tgt Ion:200 Resp: 240366

Ion Ratio Lower Upper

200 100

173 28.5 8.5 48.5

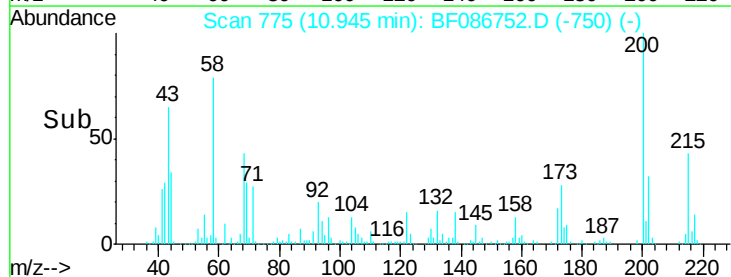
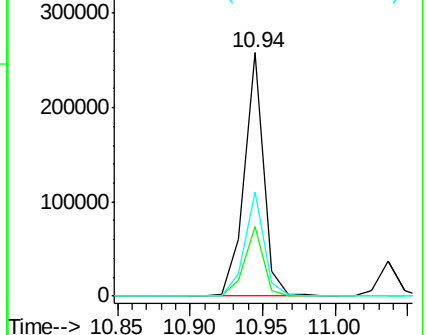
215 42.9 27.2 67.2

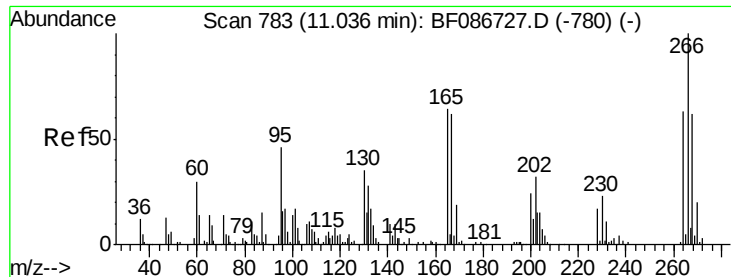


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

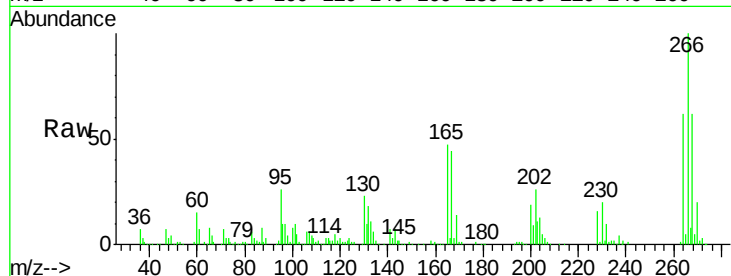




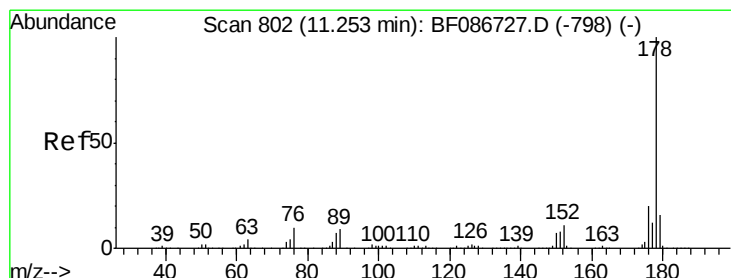
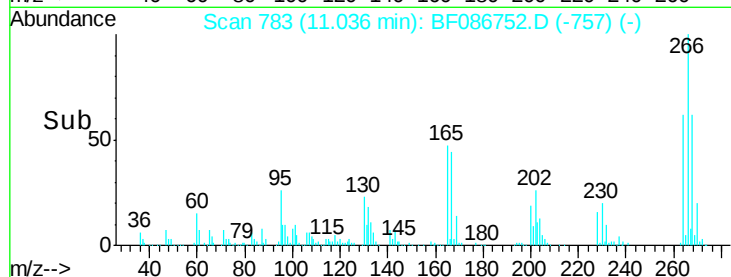
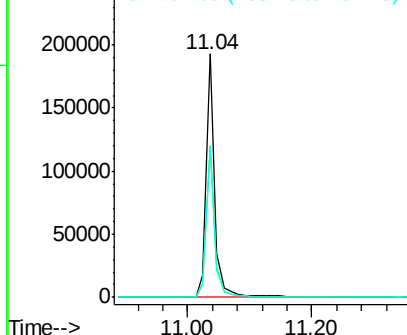
#69
 Pentachlorophenol
 Concen: 49.17 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 184574
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.5 77.3
 264 61.8 52.9 79.3

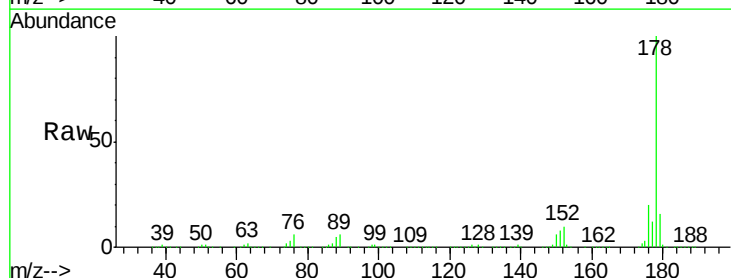


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

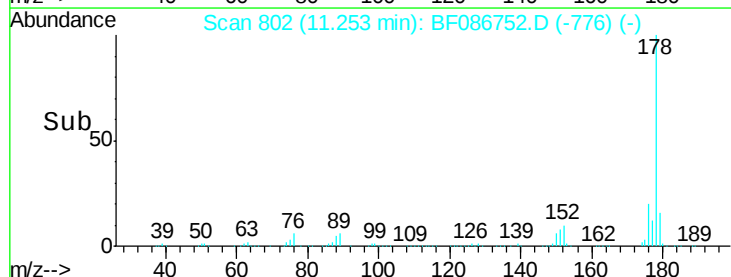
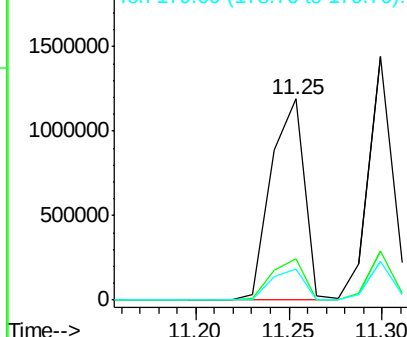


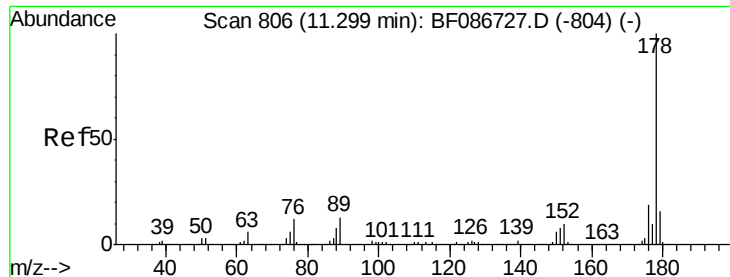
#70
 Phenanthrene
 Concen: 40.86 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion:178 Resp: 1473234
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 15.6 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

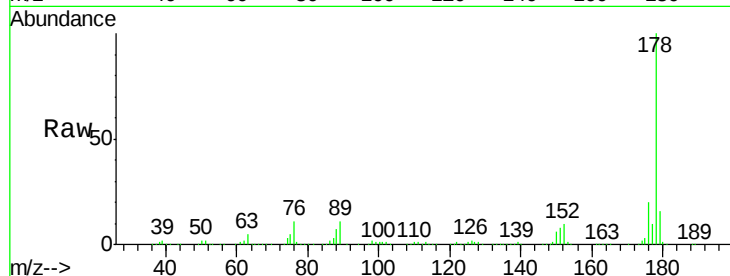




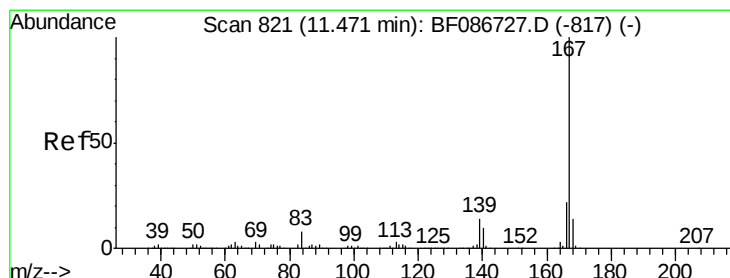
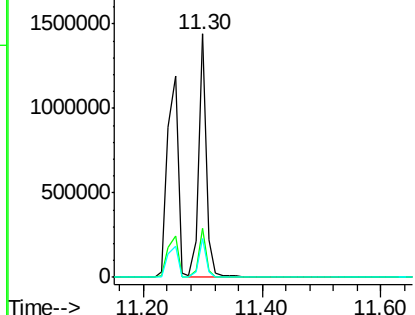
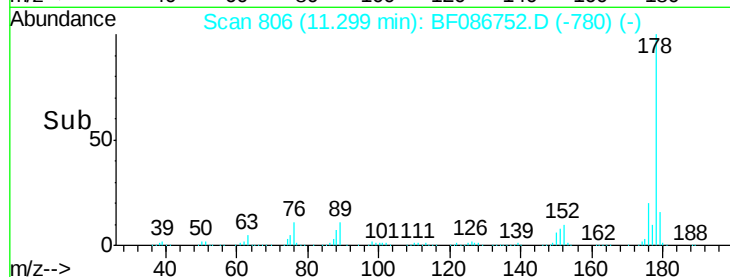
#71
 Anthracene
 Concen: 35.49 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1339890
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.6 23.4
 179 16.2 12.7 19.1

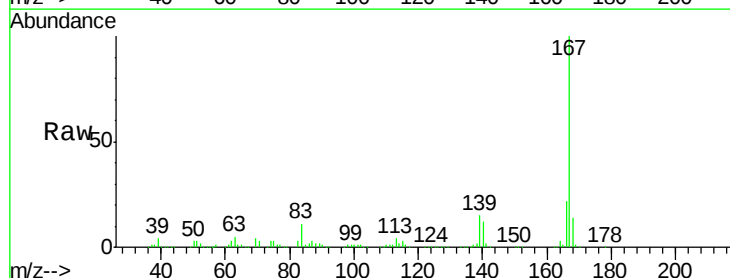


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

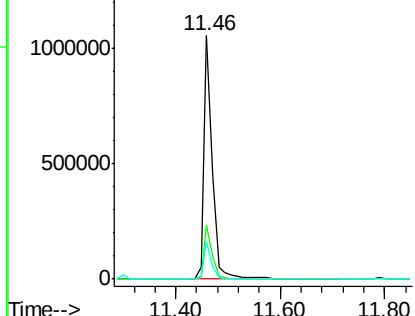
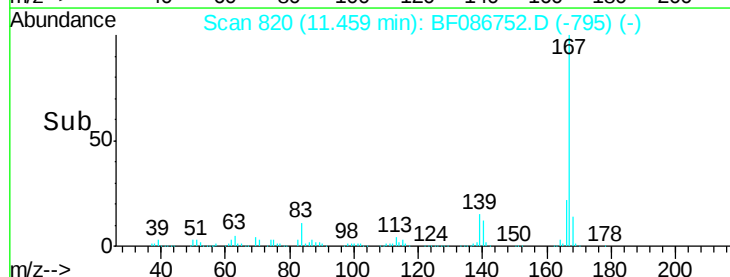


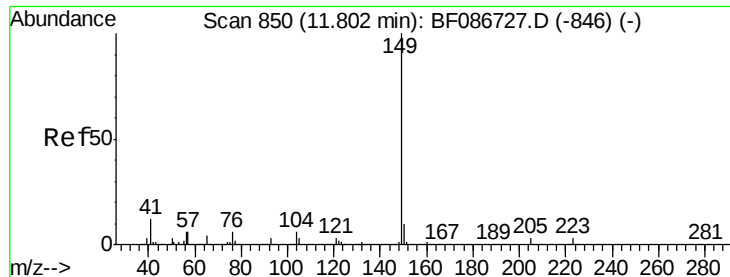
#72
 Carbazole
 Concen: 36.05 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion:167 Resp: 1182228
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 15.2 10.8 16.2



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





#73

Di-n-butylphthalate

Concen: 39.39 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

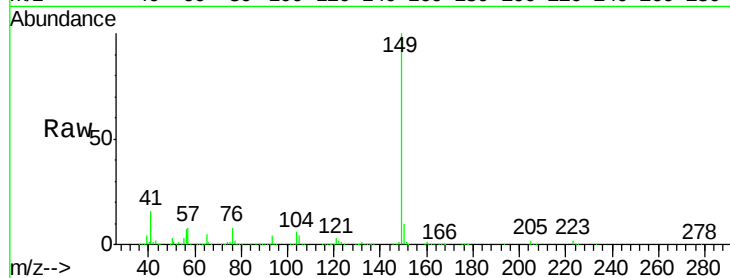
Tot Ion:149 Resp: 1533192

Ion Ratio Lower Upper

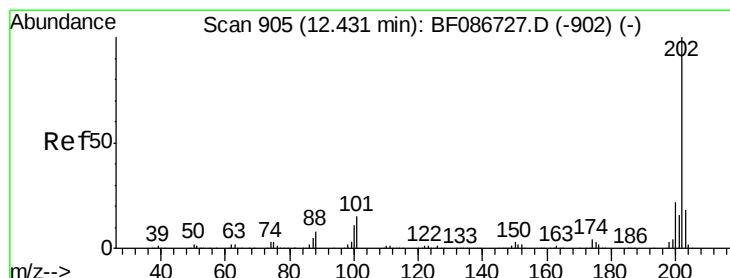
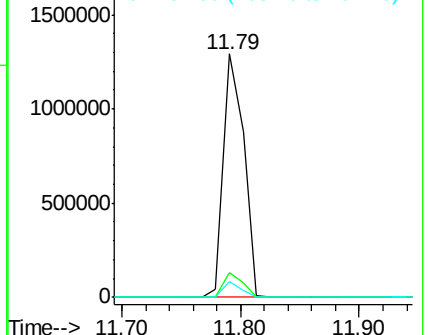
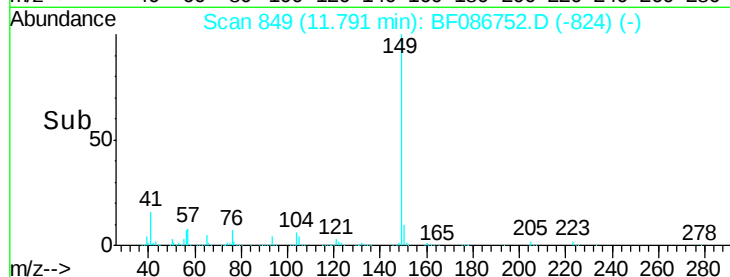
149 100

150 9.9 7.6 11.4

104 6.5 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.66 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

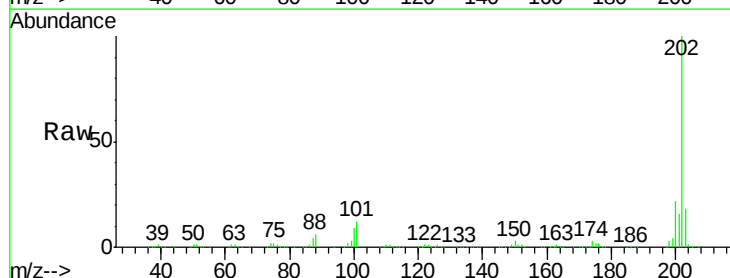
Tgt Ion:202 Resp: 1397104

Ion Ratio Lower Upper

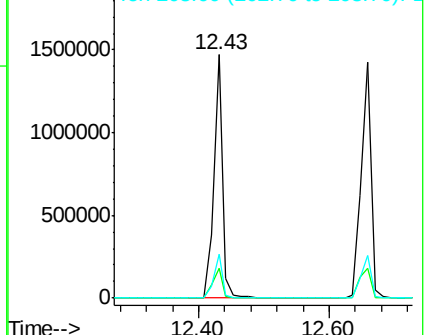
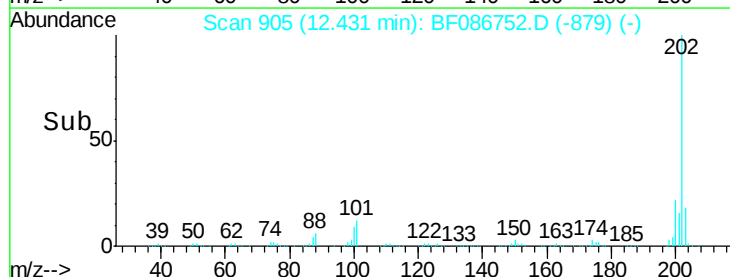
202 100

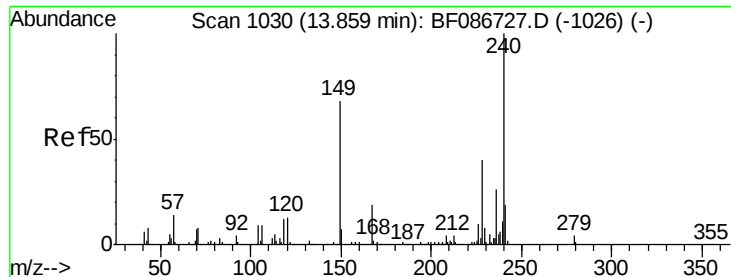
101 12.1 0.0 35.4

203 18.3 0.0 38.1



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





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampled :

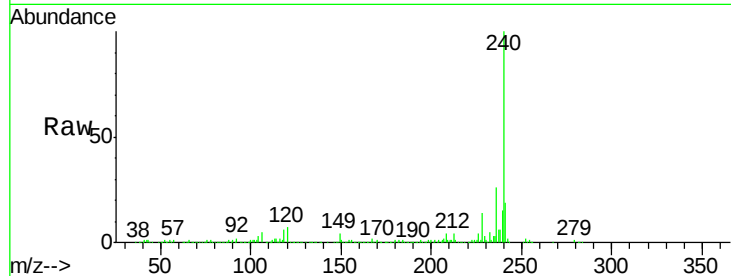
Tot Ion:240 Resp: 449923

Ion Ratio Lower Upper

240 100

120 7.3 11.2 16.8#

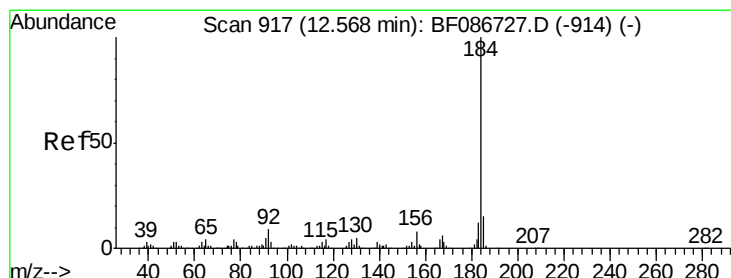
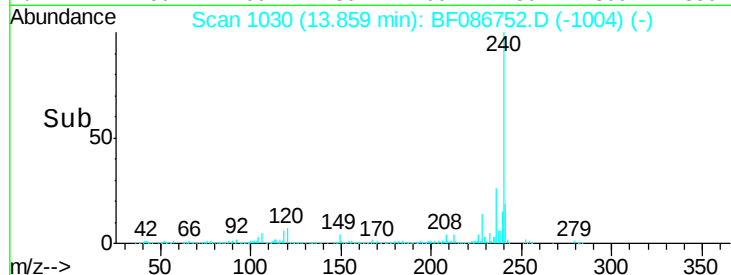
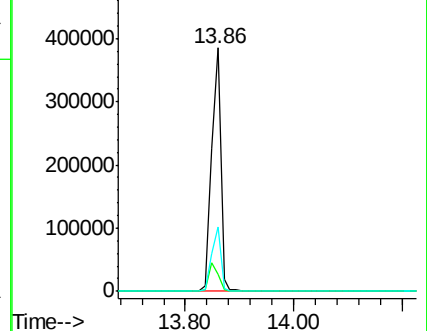
236 26.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.89 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

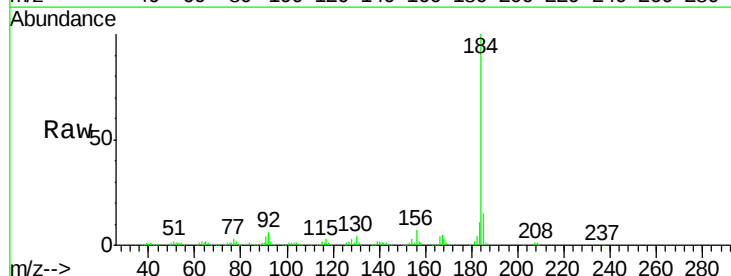
Tgt Ion:184 Resp: 445396

Ion Ratio Lower Upper

184 100

185 14.8 13.6 20.4

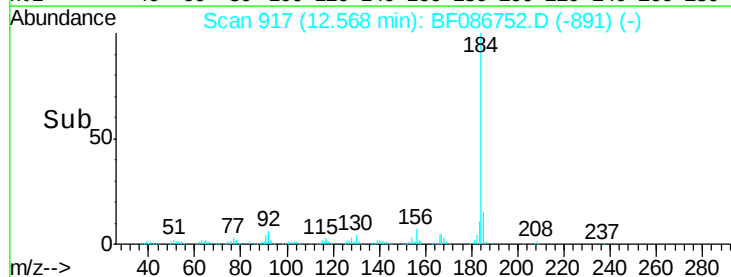
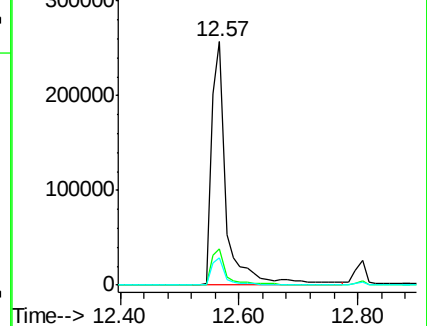
183 11.3 9.8 14.6

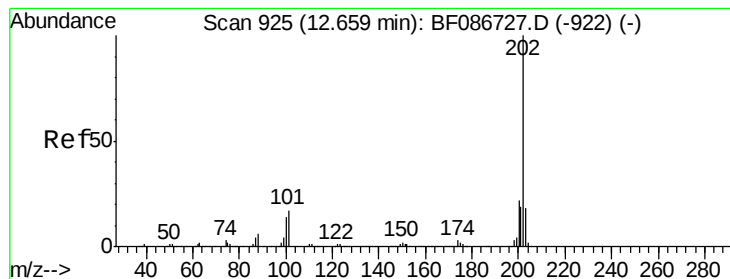


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.79 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

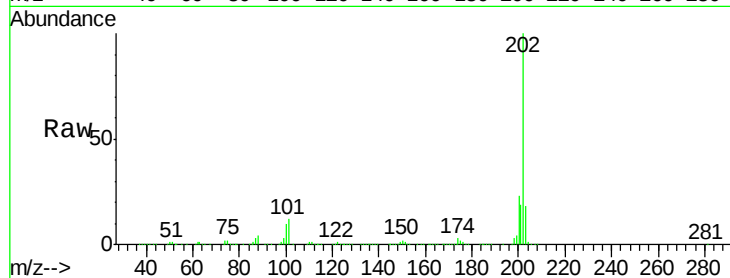
Tot Ion:202 Resp: 1463025

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

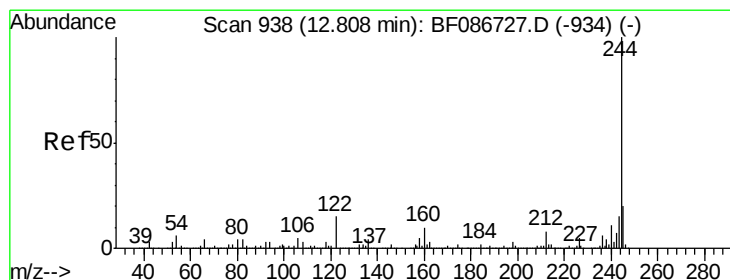
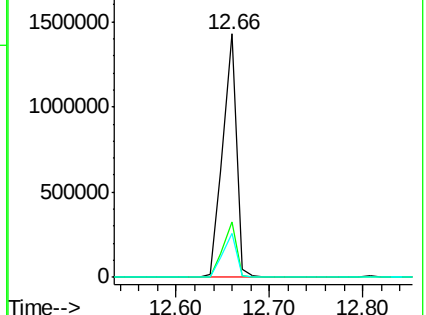
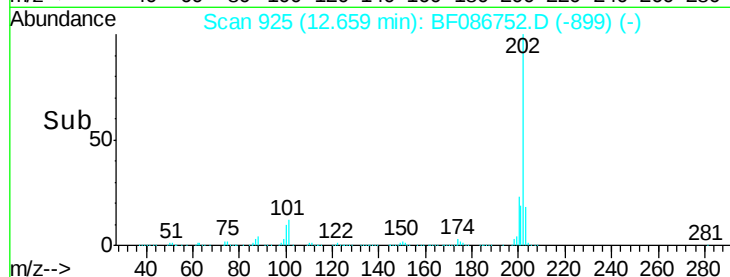
203 17.9 14.2 21.4



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: 76.49 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

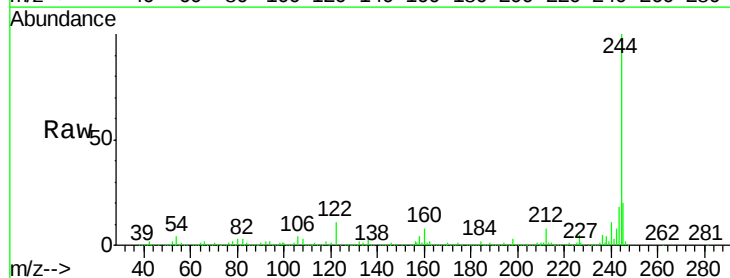
Tgt Ion:244 Resp: 1702846

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

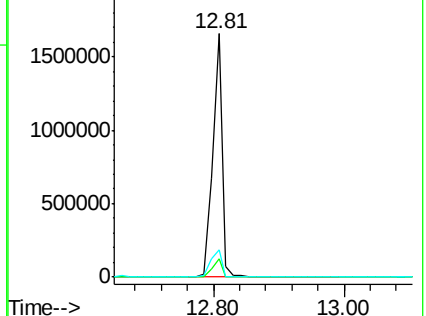
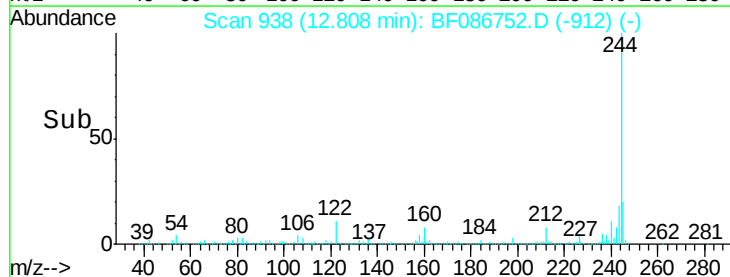
122 11.4 12.0 18.0#

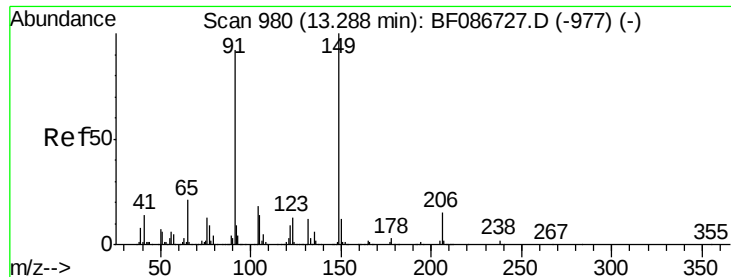


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

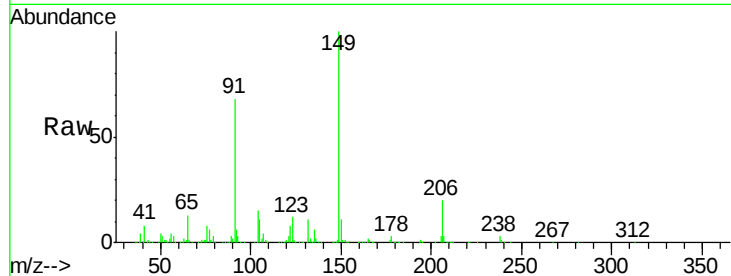




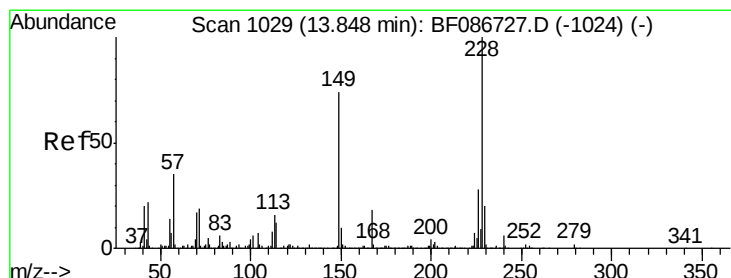
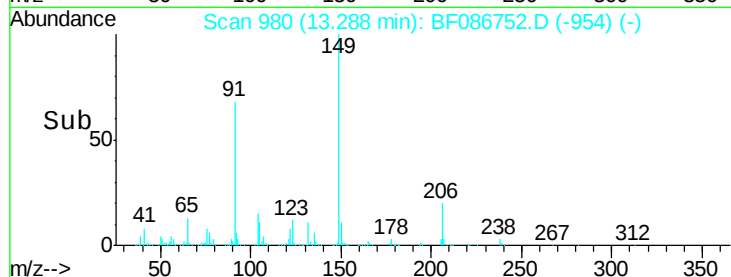
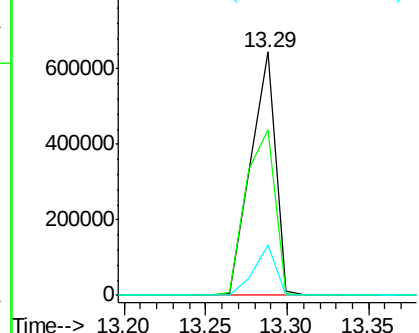
#79
Butylbenzylphthalate
Concen: 45.26 ng
RT: 13.29 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 679972
Ion Ratio Lower Upper
149 100
91 67.9 48.0 72.0
206 20.5 15.8 23.6

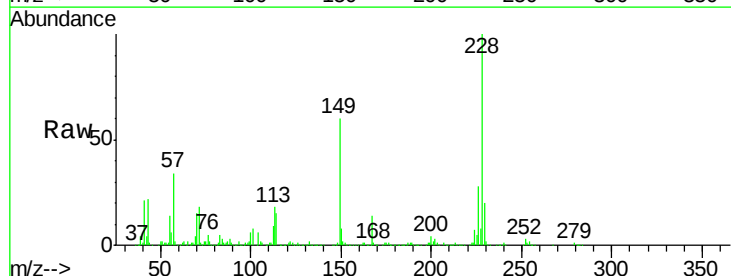


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

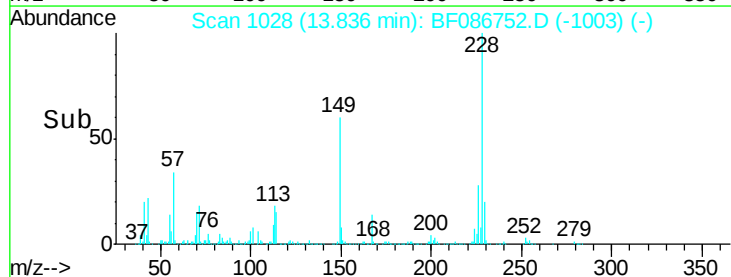
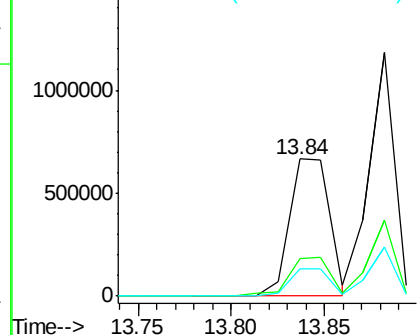


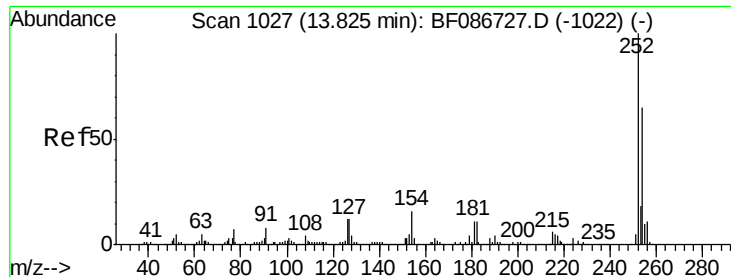
#80
Benzo(a)anthracene
Concen: 39.11 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion:228 Resp: 995103
Ion Ratio Lower Upper
228 100
226 27.6 22.5 33.7
229 20.4 16.6 25.0



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

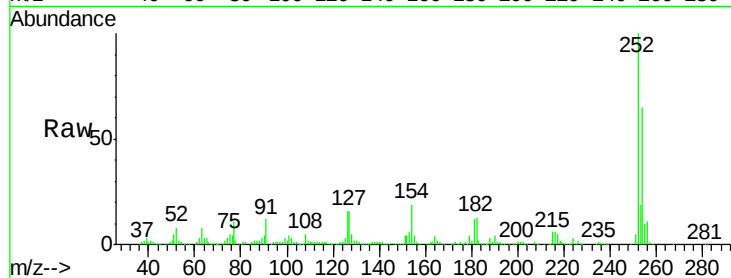




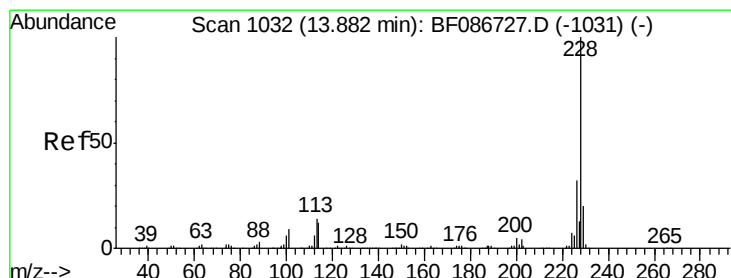
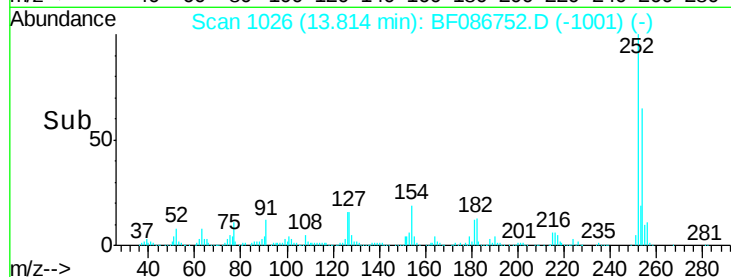
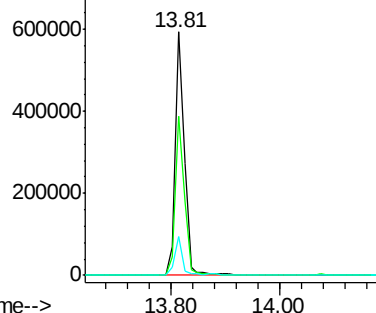
#81
 3,3'-Dichlorobenzidine
 Concen: 43.17 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 690315
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.7 76.1
 126 15.7 12.7 19.1

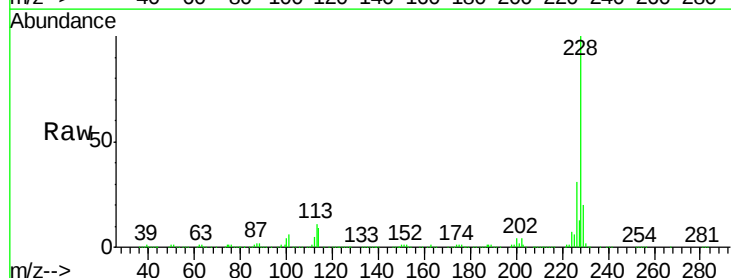


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

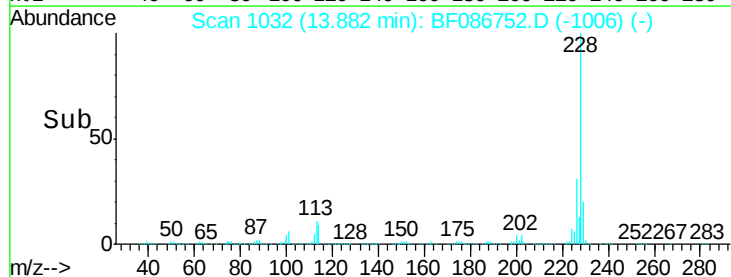
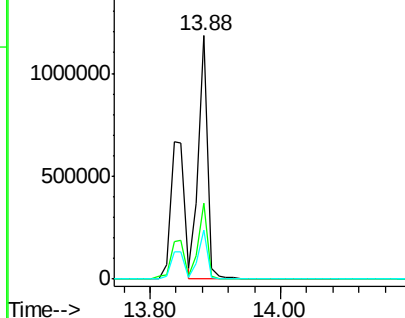


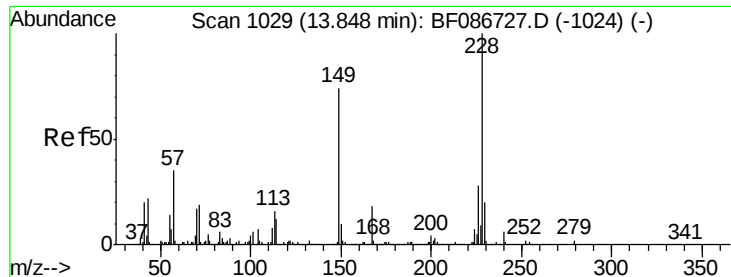
#82
 Chrysene
 Concen: 41.62 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion:228 Resp: 1129887
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.0 15.8 23.8



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

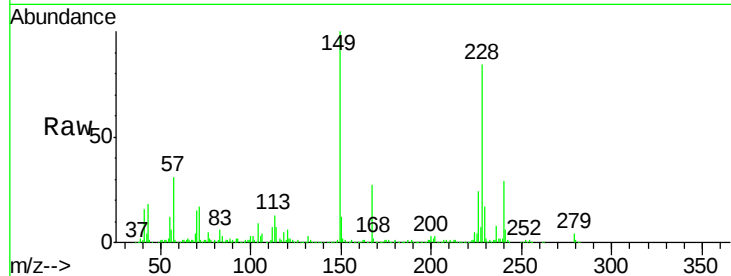




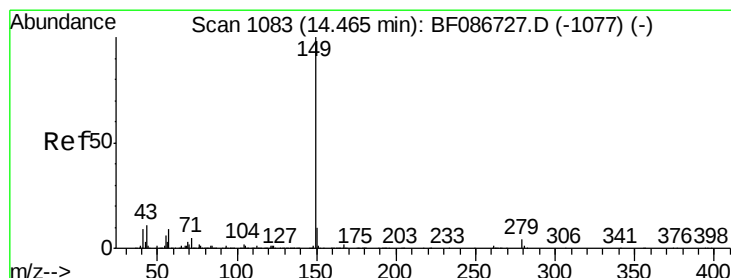
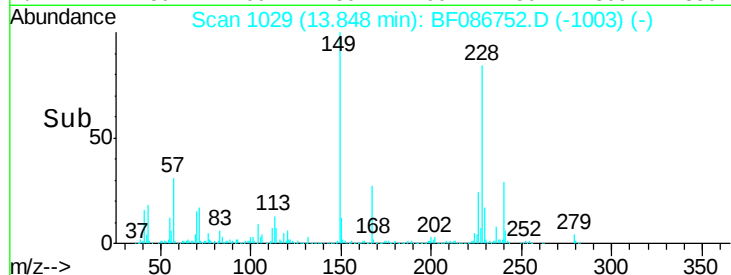
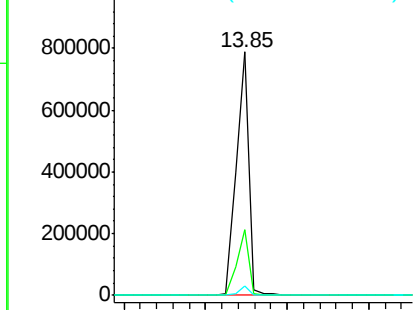
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.44 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 842244
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.8 32.6
 279 4.1 2.6 4.0#

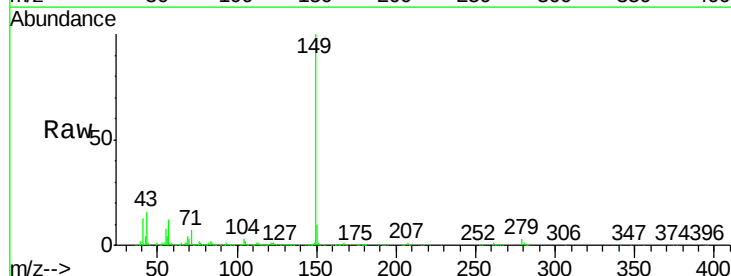


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

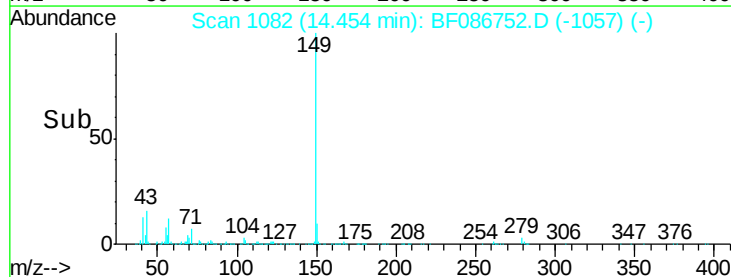
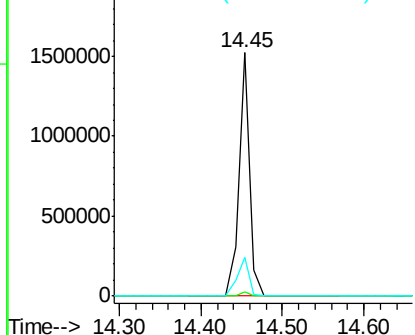


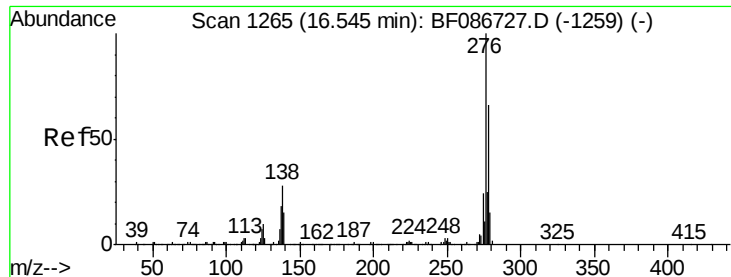
#84
 Di-n-octyl phthalate
 Concen: 53.97 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion:149 Resp: 1380742
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 17.8 8.2 12.4#



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: 40.04 ng

RT: 16.53 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

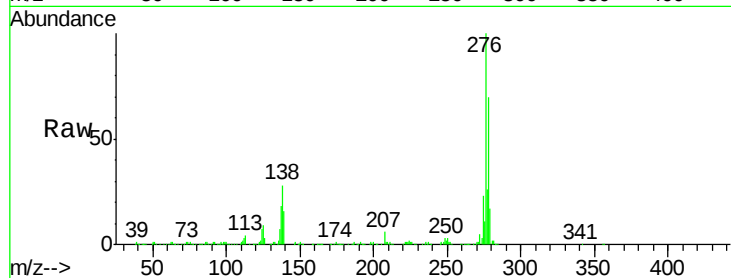
Tot Ion:276 Resp: 932472

Ion Ratio Lower Upper

276 100

138 28.0 25.6 38.4

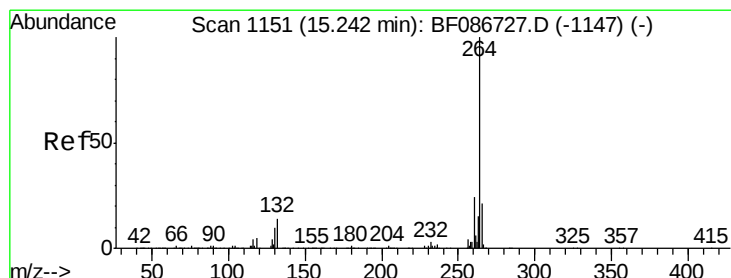
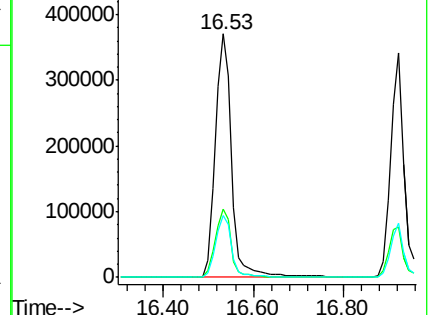
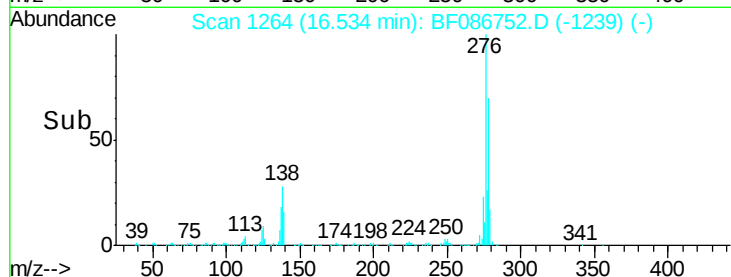
277 25.4 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

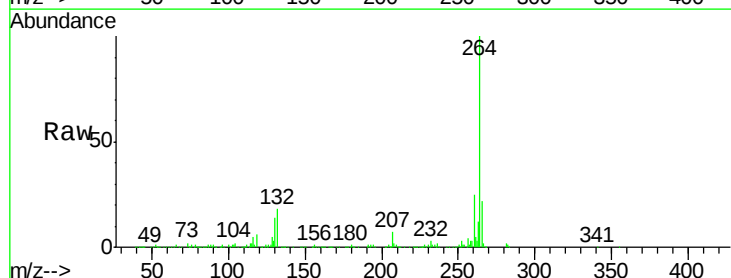
Tgt Ion:264 Resp: 393584

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

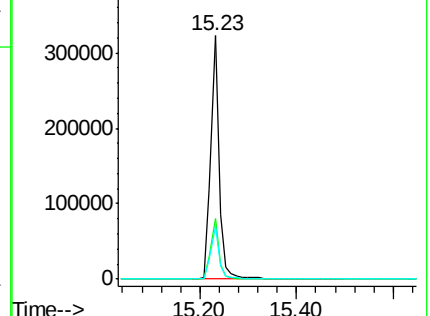
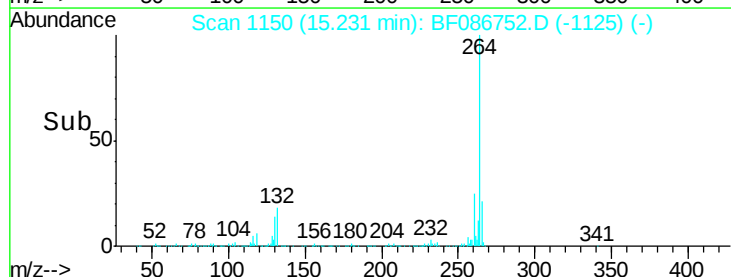
265 21.6 17.3 25.9

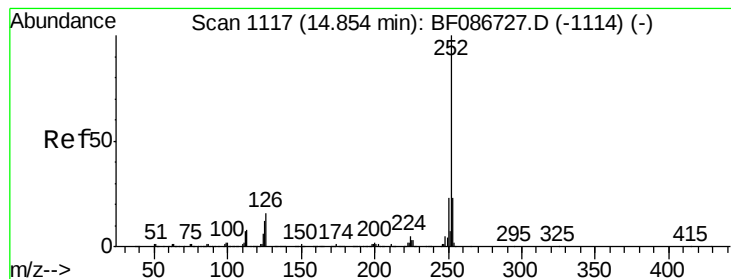


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 79.77 ng

RT: 14.88 min Scan# 1119

Delta R.T. 0.02 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

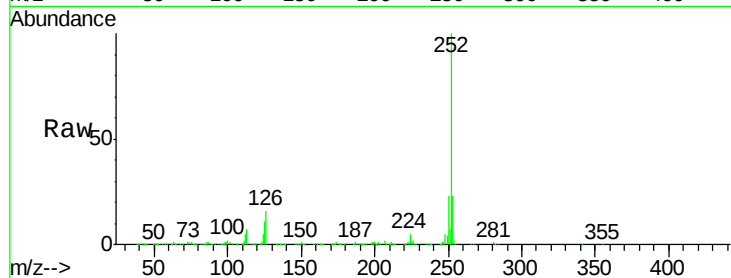
Tot Ion:252 Resp: 1886468

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

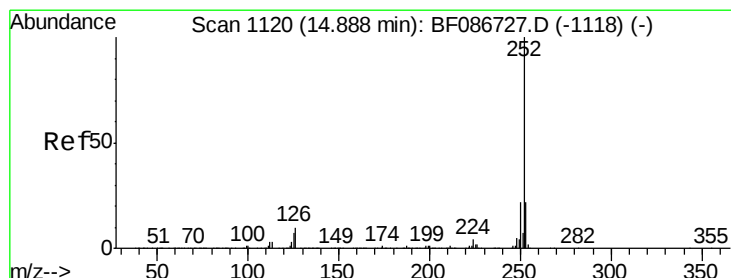
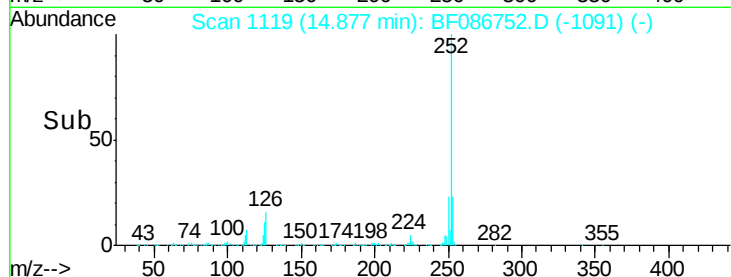
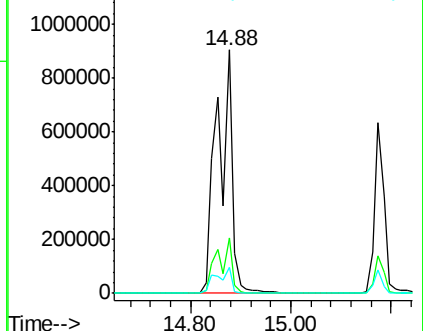
125 10.6 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 84.74 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

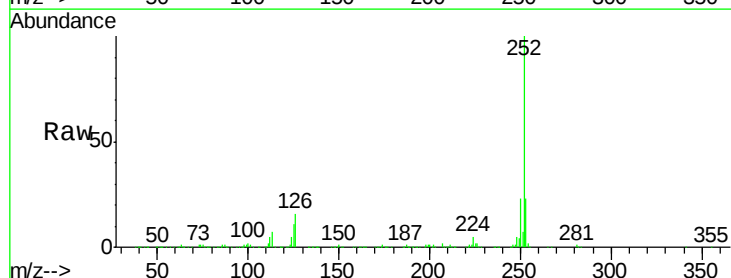
Tgt Ion:252 Resp: 1888144

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

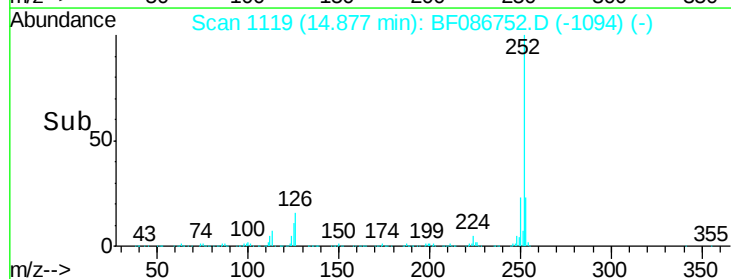
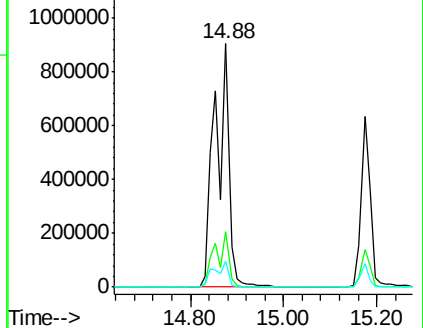
125 10.6 9.1 13.7

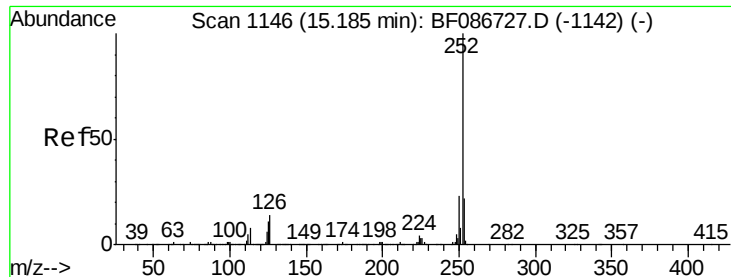


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.80 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

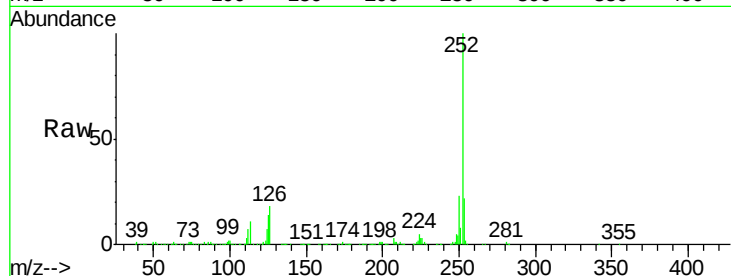
Tot Ion:252 Resp: 845139

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

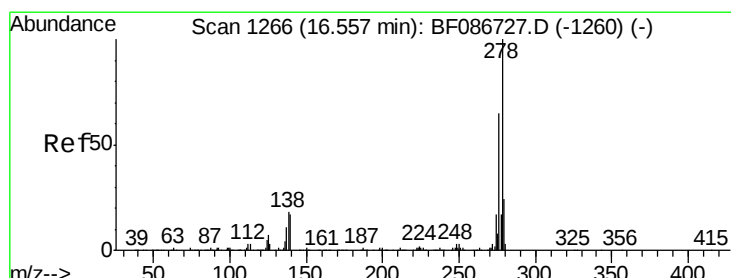
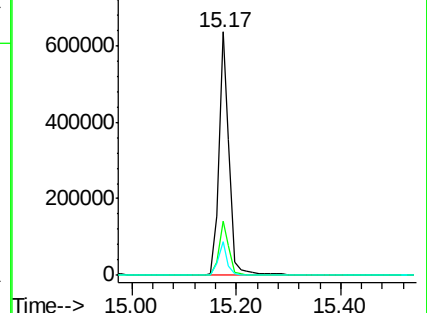
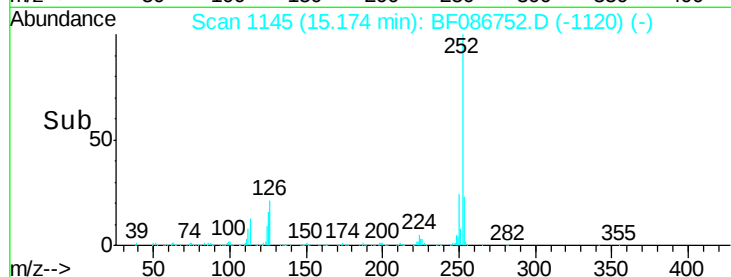
125 13.8 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.95 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

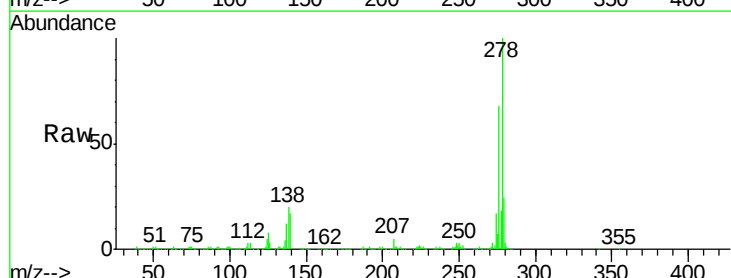
Tgt Ion:278 Resp: 773175

Ion Ratio Lower Upper

278 100

139 17.5 16.6 24.8

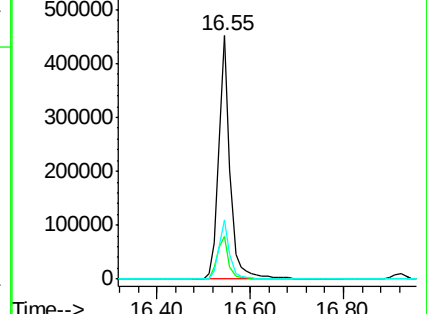
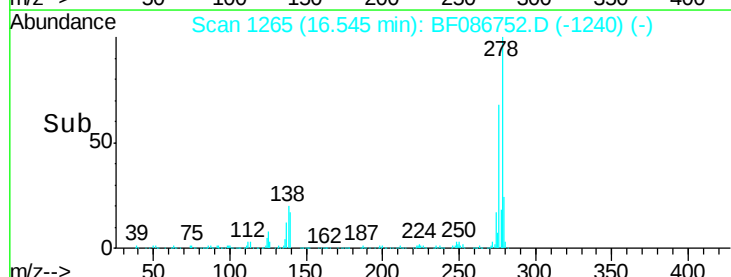
279 24.2 19.6 29.4

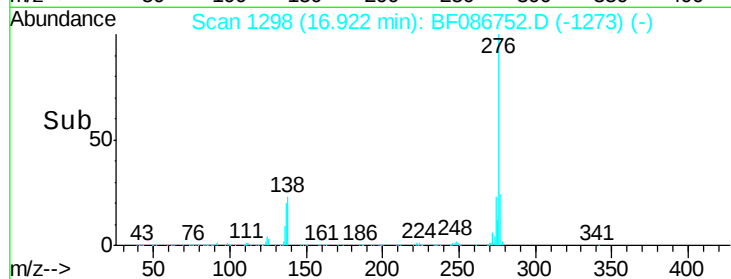
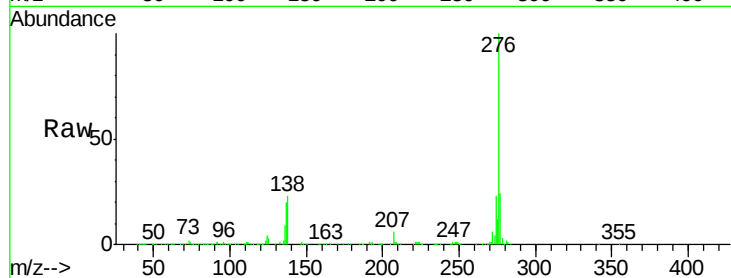
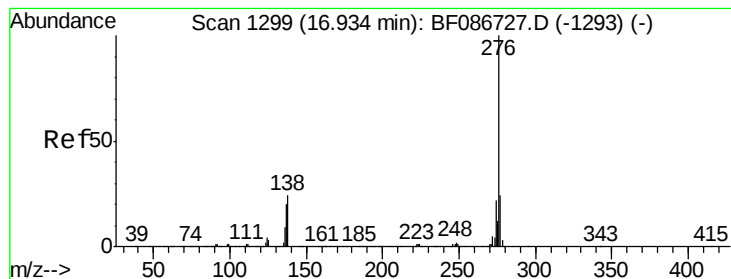


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.41 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 756000

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 22.6 23.6 35.4#

